APPENDIX B

LABORATORY ANALYTICAL REPORTS

Groundwater Analytical Reports
for
TFA Monitoring Wells

Influent and Effluent Air Analytical Reports

Confirmatory Soil and Groundwater Analytical Reports

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L9905450
Report Date: 06/10/99
Work ID: PPG/778165
Date Received: 05/20/99

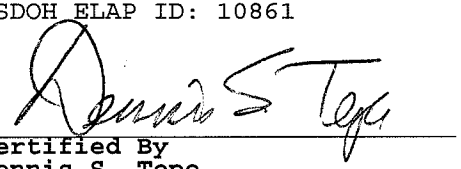
PO Number:
Account Number: ITCORPOH-398

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9905450-01	TF-1	L9905450-02	TF-2
L9905450-03	TF-3	L9905450-04	TF-4
L9905450-05	SUMP	L9905450-06	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861



Certified By
Dennis S. Tepe

KEMRON
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-01
Client Sample ID: TF-1
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 03:23

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03056

Method: 8260B
Run ID: R66562
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L	0.0064		0.005	1
100-41-4	Ethylbenzene	mg/L	0.11		0.005	1
108-10-1	4-Methyl-2-pentanone	mg/L	0.57	D	1.0	10
75-09-2	Methylene chloride	mg/L		ND	0.005	1
78-93-3	Methyl ethyl ketone	mg/L		ND	0.10	1
100-42-5	Styrene	mg/L		ND	0.10	1
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.001	1
127-18-4	Tetrachloroethene	mg/L		ND	0.005	1
108-88-3	Toluene	mg/L	0.029		0.005	1
1330-20-7	Total xylenes	mg/L	0.33		0.005	1
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane	101		(86 - 118%)		
	1,2-Dichloroethane-d4	97.2		(80 - 120%)		
	Toluene-d8	93.9		(88 - 110%)		
	4-Bromofluorobenzene	101		(86 - 115%)		

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-02
Client Sample ID: TF-2
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 03:57

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03057

Method: 8260B
Run ID: R66538
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L		ND	0.05	10
100-41-4	Ethylbenzene	mg/L	7.1	D	0.50	100

RL = Reporting Limit

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-02
Client Sample ID: TF-2
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 03:57

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03057

Method: 8260B
Run ID: R66538
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-10-1	4-Methyl-2-pentanone	mg/L	5.0	D	10	100
75-09-2	Methylene chloride	mg/L		ND	0.05	10
78-93-3	Methyl ethyl ketone	mg/L	1.1		1.0	10
100-42-5	Styrene	mg/L		ND	1.0	10
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.01	10
127-18-4	Tetrachloroethene	mg/L		ND	0.05	10
108-88-3	Toluene	mg/L	1.9		0.05	10
1330-20-7	Total xylenes	mg/L	32	D	0.50	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	100	(86 - 118%)
1,2-Dichloroethane-d4	94.3	(80 - 120%)
Toluene-d8	94.1	(88 - 110%)
4-Bromofluorobenzene	96.8	(86 - 115%)

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-03
Client Sample ID: TF-3
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 04:31

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03058

Method: 8260B
Run ID: R66538
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L	0.0058		0.005	1
100-41-4	Ethylbenzene	mg/L	0.34	D	0.05	10
108-10-1	4-Methyl-2-pentanone	mg/L	2.3	D	1.0	10
75-09-2	Methylene chloride	mg/L		ND	0.005	1

RL = Reporting Limit

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-03
Client Sample ID: TF-3
Site/Work ID: PPG/778165
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 04:31

Dil. Type: N/A
COC Info: N/A

Date Collected: 05/18/99

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03058

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R66538
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
78-93-3	Methyl ethyl ketone	mg/L	0.22	D	1.0	10
100-42-5	Styrene	mg/L		ND	0.10	1
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.001	1
127-18-4	Tetrachloroethene	mg/L		ND	0.005	1
108-88-3	Toluene	mg/L	0.73	D	0.05	10
1330-20-7	Total xylenes	mg/L	4.6	D	0.05	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97.8	(86 - 118%)
1,2-Dichloroethane-d4	91.7	(80 - 120%)
Toluene-d8	94.8	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-04
Client Sample ID: TF-4
Site/Work ID: PPG/778165
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 16:26

Dil. Type: N/A
COC Info: N/A

Date Collected: 05/18/99

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03077

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R66728
Batch : WG58417

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L		ND	0.50	100
100-41-4	Ethylbenzene	mg/L	9.6		0.50	100
108-10-1	4-Methyl-2-pentanone	mg/L		ND	10	100
75-09-2	Methylene chloride	mg/L		ND	0.50	100
78-93-3	Methyl ethyl ketone	mg/L		ND	10	100
100-42-5	Styrene	mg/L		ND	10	100

RL = Reporting Limit

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-04
Client Sample ID: TF-4
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 16:26

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03077

Method: 8260B
Run ID: R66728
Batch : WG58417

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.10	100
127-18-4	Tetrachloroethene	mg/L		ND	0.50	100
108-88-3	Toluene	mg/L		ND	0.50	100
1330-20-7	Total xylenes	mg/L	5.4		0.50	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.6	(86 - 118%)
1,2-Dichloroethane-d4	93.2	(80 - 120%)
Toluene-d8	94.1	(88 - 110%)
4-Bromofluorobenzene	97.5	(86 - 115%)

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-05
Client Sample ID: SUMP
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 17:00

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03078

Method: 8260B
Run ID: R66728
Batch : WG58417

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L		ND	0.50	100
100-41-4	Ethylbenzene	mg/L	5.8		0.50	100
108-10-1	4-Methyl-2-pentanone	mg/L	38	D	100	1000
75-09-2	Methylene chloride	mg/L		ND	0.50	100
78-93-3	Methyl ethyl ketone	mg/L		ND	10	100
100-42-5	Styrene	mg/L		ND	10	100
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.10	100
127-18-4	Tetrachloroethene	mg/L		ND	0.50	100

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-05
Client Sample ID: SUMP
Site/Work ID: PPG/778165
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 17:00

Dil. Type: N/A
COC Info: N/A

Date Collected: 05/18/99

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03078

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R66728
Batch : WG58417

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
108-88-3	Toluene	mg/L	2.1		0.50	100
1330-20-7	Total xylenes	mg/L	6.3		0.50	100
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane		99.0	(86 - 118%)		
	1,2-Dichloroethane-d4		92.2	(80 - 120%)		
	Toluene-d8		95.0	(88 - 110%)		
	4-Bromofluorobenzene		95.4	(86 - 115%)		

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-06
Client Sample ID: TRIP BLANK
Site/Work ID: PPG/778165
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 06:12

Dil. Type: N/A
COC Info: N/A

Date Collected: 05/18/99

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03061

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R66562
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	mg/L		ND	0.005	1
100-41-4	Ethylbenzene	mg/L		ND	0.005	1
108-10-1	4-Methyl-2-pentanone	mg/L		ND	0.10	1
75-09-2	Methylene chloride	mg/L		ND	0.005	1
78-93-3	Methyl ethyl ketone	mg/L		ND	0.10	1
100-42-5	Styrene	mg/L		ND	0.10	1
79-34-5	1,1,2,2-Tetrachloroethane	mg/L		ND	0.001	1
127-18-4	Tetrachloroethene	mg/L		ND	0.005	1
108-88-3	Toluene	mg/L		ND	0.005	1
1330-20-7	Total xylenes	mg/L		ND	0.005	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-06
Client Sample ID: TRIP BLANK
Site/Work ID: PPG/778165
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 06:12

Dil. Type: N/A
COC Info: N/A

Date Collected: 05/18/99

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03061

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R66562
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane		97.4	(86 - 118%)		
	1,2-Dichloroethane-d4		91.5	(80 - 120%)		
	Toluene-d8		94.4	(88 - 110%)		
	4-Bromofluorobenzene		96.6	(86 - 115%)		

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-PPG-WI - Volatile Organics

Lab Sample ID: L9905450-06
Client Sample ID: TRIP BLANK
Site/Work ID: PPG/778165
Matrix: Water

Dil. Type: N/A
COC Info: N/A
Date Collected: 05/18/99

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 05/27/99 Time: 06:12

Instrument: HPMS9
Analyst: SLT
Lab File ID: 9M03061

Method: 8260B
Run ID: R66562
Batch : WG58324

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane		97.4	(86 - 118%)		
	1,2-Dichloroethane-d4		91.5	(80 - 120%)		
	Toluene-d8		94.4	(88 - 110%)		
	4-Bromofluorobenzene		96.6	(86 - 115%)		

RL = Reporting Limit

Order #: 99-05-450
June 10, 1999 04:09 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG58324	R66562	L9905450-01		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66538	L9905450-02		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66538	L9905450-03		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66562	L9905450-06		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58417	R66728	L9905450-04		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58417	R66728	L9905450-05		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS

Order #: 99-05-450
June 4, 1999 07:52 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG58324	R66562	L9905450-01		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66538	L9905450-02		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66538	L9905450-03		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58324	R66562	L9905450-06		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58417	R66728	L9905450-04		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS
WG58417	R66728	L9905450-05		Water	Volatile Organics	8260B	18-MAY-1999	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

05/25/99

ALC - - Ann L. Clark
BAD - - Becky A. Diehl
CAR - - Caleb A. Robinson
CBN - - C. Brian Noll
CEB - - Chad E. Barnes
CDB - - Christy D. Burton
CMS - - Crystal M. Stevens
CRC - - Carla R. Cochran
DIH - - Deanna I. Hesson
DLN - - Deanna L. Norton
DLP - - Dorothy L. Payne
ECL - - Eric C. Lawson
FEH - - Fay E. Harmon
GWH - - George W. Hutchinson
HLC - Holly L. Currey
HV - - Hema Vilasagar
JCR - - Jennifer C. Randall
JLH - - Janice L. Holland
JWR - - John W. Richards
JYH - - Ji Y. Hu
KAS -- Kevin A. Stutler
KHA - - Kim H. Archer
KJS - - Kara J. Stump
KRA - - Kathy R. Albertson
LKM - - Laura K. Morris
MDA - - Mike D. Albertson
MDC - - Michael D. Cochran
MES - - Mary E. Schilling
MLS - - Michael L. Schimmel
MMB - - Maren M. Beery
NLC - - Nicole L. Currey
RDC -/- Rebecca D. Cutlip
RDS - - Rebecca D. Sutton
REF - - Ron E. Fertile
REK - - Robert E. Kyer
RSS - - Regina S. Simmons
RWC - - Rodney W. Campbell
SJK - - Sindy J. Kinney
SJM - - Shawn J. Marshall
SLP - - Sheri L. Pfalzgraf
SLT - - Stephanie L. Tepe
SMW - - Shauna M. Welch
SPL - - Steve P. Learn
SPS - - Steve P. Swatzel
TRS - - Todd R. Stack
VC - - Vicki Collier
VMN - - Vincent M. Nedeff

INTERNATIONAL TECHNOLOGY CORPORATION

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 345440
Page 1 of 1

Project Name/No.[1] PPG / 778165
Sample Team Members[2] C PIKE / R PHILLIPS
Profit Center No.[3]
Project Manager[4] LEN GACKOWSKI
Purchase Order No.[6]
Required Report Date[11] 14 DAY TAT

Samples Shipment Date[7] 5/18/99
Lab Destination[8] KEMRON
Lab Contact[9] PAT LANE
Project Contact/Phone[12] CHRIS PIKE (412) 858-3963
Carrier/Waybill No.[13]

Bill to:[5] MAX CURTNER
IT CORPORATION
FINDLAY, OH

Report to:[10] CHRIS PIKE
IT CORPORATION
2790 MOSSIDE BLVD
MONROEVILLE PA 15146

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number[14]	Sample Description/Type[15]	Date/Time Collected[16]	Container Type[17]	Sample Volume[18]	Pre-servative[19]	Requested Testing Program[20]	Condition on Receipt[21]	Disposal Record No.[22]
TF-1	GROUNDWATER	5/18/99 0915	40 mL VOA (2)		HCl	VOCs 8260B	FOR LAB USE ONLY	
TF-2	↓	1010	↓		↓	↓		
TF-3		1040						
TF-4		1115						
SUMP	↓	0945	↓		↓	↓	FOR LAB USE ONLY	

Special Instructions:[23] 14 DAY TAT

Possible Hazard Identification:[24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal:[25]
Return to Client ☐ Disposal by Lab ☒ Archive _____ (mos.)

Turnaround Time Required:[26]
Normal ☐ Rush ☐ 14 DAY

QC Level:[27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by[28] (Signature/Affiliation) Christyl Pike / IT	Date: 5/18/99 Time: 1240	1. Received by[28] (Signature/Affiliation) Brenda Gregory	Date: 5/20/99 Time: 0948
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments:[29] Cooler Temp: 6.0 C QC - Sealed SKS intact

*See back of form for special instructions.

MCA 3/15/91

Work Order 9905450 Client IT #of Samples 5 Due Date 6/3 Page

Sample #	Analyses	Reason	Removed By ADT	Removed From	MovedTo	Reliq. By	Ret'd by ADT	Ret'd To	Rec'd By	Reason
1 6	8260	Anal	SUT 5/21/99 1440	VI	Voa	BIG	gjh 5/24/99 0915	archive	TCB	Archive

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L9910103
Report Date: 10/29/99
Work ID: 778165/PPG-OAK CREEK
Date Received: 10/06/99

PO Number:
Account Number: ITCORPOH-398
Invoice Number: 544465

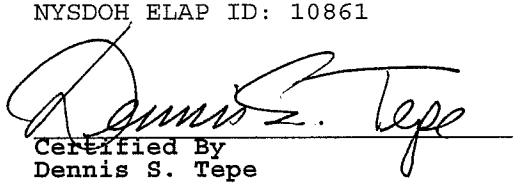
SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L9910103-01	TF-1	L9910103-02	TF-2
L9910103-03	TF-3	L9910103-04	TF-4
L9910103-05	SUMP	L9910103-06	TRIP BLANK

*****REVISED REPORT*****

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861



Certified By
Dennis S. Tepe

KEMRON
ENVIRONMENTAL SERVICES

Order #99-10-103
October 19, 1999 15:28

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

SAMPLE RECEIPT AND LOGIN:

The cooler temperature was 5.0 degrees Celsius. All samples were received intact.

VOLATILE ORGANICS - 8260:

A = Denotes LCS result exceeded upper control limit, result may be bias high.

Several LCS, MS/MSD, and RPD results were outside control limits. Sample L9910103-05 (SUMP) was analyzed at a dilution to obtain on-scale quantitative result for 4-methyl-2-pentanone.

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-01
Client Sample ID: TF-1
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 01:56

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M11301

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75828
Batch : WG66815

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	16		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	13	A	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	13	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.9		(86 - 118%)
1,2-Dichloroethane-d4	75.6	*	(80 - 120%)
Toluene-d8	103		(88 - 110%)
4-Bromofluorobenzene	106		(86 - 115%)

RL = Reporting Limit

Login #L9910103
October 29, 1999 08:33 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-02
Client Sample ID: TF-2
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 02:58

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M11303

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75828
Batch : WG66815

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	500	100
78-93-3	2-Butanone	ug/L		ND	10000	100
100-41-4	Ethylbenzene	ug/L	4500		500	100
108-10-1	4-Methyl-2-pentanone	ug/L	1800	A	1000	100
75-09-2	Methylene chloride	ug/L		ND	500	100
100-42-5	Styrene	ug/L		ND	500	100
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	500	100
127-18-4	Tetrachloroethene	ug/L		ND	500	100
108-88-3	Toluene	ug/L		ND	500	100
95-47-6	o-Xylene	ug/L	2000		500	100
108-38-3	m-Xylene	ug/L	14000	Z	500	100
106-42-3	p-Xylene	ug/L		Z	500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	107	(86 - 118%)
1,2-Dichloroethane-d4	112	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

RL = Reporting Limit

Login #L9910103
October 29, 1999 08:33 am

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-03
Client Sample ID: TF-3
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 02:27

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M11302

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75828
Batch : WG66815

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	28		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	180	A	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L	9.2		5.0	1
95-47-6	o-Xylene	ug/L	27		5.0	1
108-38-3	m-Xylene	ug/L	93	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	108	(86 - 118%)
1,2-Dichloroethane-d4	111	(80 - 120%)
Toluene-d8	103	(88 - 110%)
4-Bromofluorobenzene	115	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-04
Client Sample ID: TF-4
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 12:31

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M15888

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75921
Batch : WG66822

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	500	100
78-93-3	2-Butanone	ug/L		ND	10000	100
100-41-4	Ethylbenzene	ug/L	9800		500	100
108-10-1	4-Methyl-2-pentanone	ug/L		ND	1000	100
75-09-2	Methylene chloride	ug/L		ND	500	100
100-42-5	Styrene	ug/L		ND	500	100
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	500	100
127-18-4	Tetrachloroethene	ug/L		ND	500	100
108-88-3	Toluene	ug/L		ND	500	100
95-47-6	o-Xylene	ug/L		ND	500	100
108-38-3	m-Xylene	ug/L	5000	Z	500	100
106-42-3	p-Xylene	ug/L		Z	500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.6	(86 - 118%)
1,2-Dichloroethane-d4	94.5	(80 - 120%)
Toluene-d8	95.8	(88 - 110%)
4-Bromofluorobenzene	92.5	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-05
Client Sample ID: SUMP
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 03:28

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M11304

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75828
Batch : WG66815

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	500	100
78-93-3	2-Butanone	ug/L		ND	10000	100
100-41-4	Ethylbenzene	ug/L	1700		500	100
108-10-1	4-Methyl-2-pentanone	ug/L	49000	D	10000	1000
75-09-2	Methylene chloride	ug/L		ND	500	100
100-42-5	Styrene	ug/L		ND	500	100
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	500	100
127-18-4	Tetrachloroethene	ug/L		ND	500	100
108-88-3	Toluene	ug/L	2500		500	100
95-47-6	o-Xylene	ug/L	1200		500	100
108-38-3	m-Xylene	ug/L	4900	Z	500	100
106-42-3	p-Xylene	ug/L		Z	500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	108	(86 - 118%)
1,2-Dichloroethane-d4	113	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 8260 - Volatile Organics

Lab Sample ID: L9910103-06
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/18/99 Time: 01:26

Dil. Type: N/A
COC Info: N/A

Date Collected: 10/05/99

Instrument: HPMS8
Analyst: MES
Lab File ID: 8M11300

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R75828
Batch : WG66815

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
630-20-6	1,1,1,2-Tetrachloroethane	ug/L		ND	5.0	1
127-18-4	Tetrachloroethene	ug/L		ND	5.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.8		(86 - 118%)
1,2-Dichloroethane-d4	76.6	*	(80 - 120%)
Toluene-d8	100		(88 - 110%)
4-Bromofluorobenzene	95.0		(86 - 115%)

RL = Reporting Limit

Order #: 99-10-103
October 29, 1999 08:33 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG66815	R75828	L9910103-01		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS
WG66815	R75828	L9910103-02		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS
WG66815	R75828	L9910103-03		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS
WG66815	R75828	L9910103-05		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS
WG66815	R75828	L9910103-06		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS
WG66822	R75921	L9910103-04		Water	Volatile Organics	8260B	05-OCT-1999	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

10/22/99

ALT - - Ann L. Thayer
CBN - - C. Brian Noll
CEB - - Chad E. Barnes
CG - - Cheryl Graham
CK - - Carl King
CMS - - Crystal M. Stevens
CRC - - Carla R. Cochran
DIH - - Deanna I. Hesson
DLN - - Deanna L. Norton
DLP - - Dorothy L. Payne
DMD - - David M. Dye
ECL - - Eric C. Lawson
FEH - - Fay E. Harmon
GWH - - George W. Hutchinson
HV - - Hema Vilasagar
JCR - - Jennifer C. Randall
JDN - - Jamie D. Newell
JG - - Jonathan Graziani
JLH - - Janice L. Holland
JWR - - John W. Richards
JYH - - Ji Y. Hu
KAS - - Kevin A Stutler
KHR - - Kim H. Rhodes
LKM - - Laura K. Morris
MDA - - Mike D. Albertson
MDC - - Michael D. Cochran
MES - - Mary E. Schiling
MLS - - Michael L. Schimmel
MMB - - Maren M. Beery
RDC - - Rebecca D. Cutlip
REF - - Ron E. Fertile
REK - - Robert E. Kyer
RSS - - Regina S. Simmons
RWC - - Rodney W. Campbell
SJK - - Sindy J. Kinney
SJM - - Shawn J. Marshall
SLP - - Sheri L. Pfalzgraf
SMW - - Shauna M. Welch
SPL - - Steve P. Learn
SPS - - Steve P. Swatzel
TMM - - Tammy M. Morris
TRS - - Todd R. Stack
VC - - Vicki Collier
VMN - - Vincent M. Nedeff

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

COC No. A 11735

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORP

Project Contact: Gus GALLELO | Contact Phone #:

Turn Around Requirements: 14-DAY | Location: IT - FINDLAY, OH

Project #: 778165 | Project Name: PPG - OAK CREEK

Sampler (print): C. PIKE / E. WALCZAK | Signature: [signature]

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (10 REQUESTED)
TF-1		X	10/5/99	0820		X	2		X
TF-2		X		0840		X	2		X
TF-3		X		0915		X	2		X
TF-4		X		0920		X	2		X
SUMP		X		0900		X	2		X
TRIP BLANK		X				X	2		X

ADDITIONAL REQUIREMENTS

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
[signature]	10/5/99	1415					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Blenda Gregory	10/6/99	1006	5.0	S & S sealed S & S intact bag

*Homogenize all composite samples prior to analysis

Page _____ of _____

KEMRON Internal Laboratory Chain of Custody

Work Order: L9910103 **Client:** IT **# of Samples:** 6 **Due Date:** 10/18 **Page:** ____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1-6	8260	SW	MES 10/17/99 1420	V-1	VOA	TLB	[illegible] 10/19/99 1630	archive	TLB	Archive

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L0001181
Report Date: 01/26/00
Work ID: 778165/PPG-OAK CREEK,WI
Date Received: 01/12/00

PO Number:
Account Number: ITCORPOH-398

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0001181-01	TF-1	L0001181-02	TF-2
L0001181-03	TF-3	L0001181-04	TF-4
L0001181-05	SUMP	L0001181-06	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
Dennis S. Tepe

KEMRON ENVIRONMENTAL SERVICES

Order #00-01-181
January 25, 2000 15:41

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

SAMPLE RECEIPT:

The cooler temperature was 5.0 °C. All samples were received intact.

VOLATILE ORGANICS - 8260:

The target analyte MS/MSD outliers were acceptable in the LCS. The following samples underwent dilution analyses:

Lab ID	Client ID
L0001181-02	TF-2
L0001181-04	TF-4

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-01
Client Sample ID: TF-1
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

Dil. Type: N/A
COC Info: 15144/

Date Collected: 01/11/00

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 00:30

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6832

Method: 8260B
Run ID: R81487
Batch : WG71095

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	95.2	(86 - 118%)
1,2-Dichloroethane-d4	96.8	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4-Bromofluorobenzene	102	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-02
Client Sample ID: TF-2
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

Dil. Type: N/A
COC Info: 15144/
Date Collected: 01/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 01:00

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6833

Method: 8260B
Run ID: R81487
Batch : WG71095

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	3600	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L	41		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	5.5		5.0	1
95-47-6	o-Xylene	ug/L	180		5.0	1
108-38-3	m-Xylene	ug/L	7700	Z,D	500	100
106-42-3	p-Xylene	ug/L		Z	500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.7		(86 - 118%)
1,2-Dichloroethane-d4	94.3		(80 - 120%)
Toluene-d8	73.4	*	(88 - 110%)
4-Bromofluorobenzene	144	*	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-03
Client Sample ID: TF-3
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

Dil. Type: N/A
COC Info: 15144/
Date Collected: 01/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 22:15

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6861

Method: 8260B
Run ID: R81519
Batch : WG71153

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	58		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	31		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	36		5.0	1
95-47-6	o-Xylene	ug/L	46		5.0	1
108-38-3	m-Xylene	ug/L	170	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96.0	(86 - 118%)
1,2-Dichloroethane-d4	99.8	(80 - 120%)
Toluene-d8	99.3	(88 - 110%)
4-Bromofluorobenzene	105	(86 - 115%)

RL = Repprting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-04
Client Sample ID: TF-4
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

Dil. Type: N/A
COC Info: 15144/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/11/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 02:02

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6835

Method: 8260B
Run ID: R81487
Batch : WG71095

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	550	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L	22		5.0	1
108-38-3	m-Xylene	ug/L	150	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.7		(86 - 118%)
1,2-Dichloroethane-d4	94.3		(80 - 120%)
Toluene-d8	101		(88 - 110%)
4-Bromofluorobenzene	179	*	(86 - 115%)

RL = Reporting Limit

Login #L0001181
January 26, 2000 04:45 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-05
Client Sample ID: SUMP
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 02:33

Dil. Type: N/A
COC Info: 15144/

Date Collected: 01/11/00

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6836

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R81487
Batch : WG71095

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	35		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	100		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	44		5.0	1
95-47-6	o-Xylene	ug/L	87		5.0	1
108-38-3	m-Xylene	ug/L	200	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.8	(86 - 118%)
1,2-Dichloroethane-d4	93.2	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	105	(86 - 115%)

RL = Reporting Limit

Login #L0001181
January 26, 2000 04:45 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0001181-06
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

Dil. Type: N/A
COC Info: 15144/
Date Collected: 01/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/21/00 Time: 22:45

Instrument: HPMS9
Analyst: JLH
Lab File ID: 9M6862

Method: 8260B
Run ID: R81519
Batch : WG71153

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96.1	(86 - 118%)
1,2-Dichloroethane-d4	98.4	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	100	(86 - 115%)

RL = Reporting Limit

1.1 Laboratory Report

Cover Page
Laboratory Narrative
Laboratory Results

Order #: 00-01-181
January 26, 2000 04:45 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG71095	R81487	L0001181-01		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS
WG71095	R81487	L0001181-02		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS
WG71095	R81487	L0001181-04		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS
WG71095	R81487	L0001181-05		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS
WG71153	R81519	L0001181-03		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS
WG71153	R81519	L0001181-06		Water	Special List - 8260	8260B	11-JAN-2000	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

12/14/99

ALT - Ann L. Thayer
ARS - Angelina (Nina) R. Scott
BKL - Brian K. LeMasters
BRG - Brenda R. Gregory
CAG - Cheryl A. Graham
CAK - Cheryl A. Koelsch
CBN - Charles B. Noll
CEA - Carla E. Allen
CEB - Chad E. Barnes
CLC - Chrys L. Crawford
CLK - Carl L. King
CLW - Charissa L. Winters
CMS - Crystal M. Stevens
CPA - Cliff P. Asher
CRC - Carla R. Cochran
CSH - Chris S. Hill
CWS - Clark W. Stanley
DAM - Dan A. Musgrave
DAS - Dallas A. Sullivan
DAT - Debbie A. Tornes
DEL - Don E. Lightfritz
DEV - David E. Vandenberg
DGB - Douglas G. Butcher
DIH - Deanna I. Hesson
DLA - Denise L. Adams
DLB - David L. Bumgarner
DLN - Deanna L. Norton
DLP - Dorothy L. Payne
DLR - Dianna L. Rauch
DMD - David M. Dye
DST - Dennis S. Tepe
EAW - Elizabeth (Beth) A. Weber
ECL - Eric C. Lawson
EIE - Elizabeth (Betsy) I. Eagle
FEH - Fay E. Harmon
GWH - George W. Hutchinson
GSG - Galen S. George
HV - Hema Vilasagar
JCR - Jennifer C. Randall
JDG - Jonathan D. Graziani
JDN - Jamie D. Newell
JKM - June K. Morris
JKW - Jane K. Warden
JLH - Janice L. Holland
JMW - John M. Wass
JRM - Jay R. McDougal
JMT - Joy M. Thomas
JWR - John W. Richards
JWS - Jack W. Sheaves
JYH - Ji Y. Hu
KEB - Katie E. Barnes
KHR - Kim H. Rhodes
KRA - Kathy R. Albertson
KSL - Kelly S. Lauer
LKM - Laura K Morris
LLH - Laura L. Hinton
LSA - Lucinda (Cindy) S. Arnold
LSB - Leslie S. Bucina
MDA - Mike D. Albertson
MDC - Michael D. Cochran
MDG - Melissa D. Grimes
MEF - Mike E. Flanagan
MES - Mary E. Schilling
MFB - Mike F. Barrow
MLS - Michael L. Schimmel
MMB- Maren M. Beery
MSW - Matt S. Wilson
NJB - Natalie J. Booth
PML - Paula M. Leidy
RDC - Rebecca D. Cutlip
REF - Ron E. Fertile
REK - Robert E. Kyer
RJW - Rhonda J. Wittekind
RLW - Ron L. Watson
RSH - Renee S. Hennes
RSS - Regina S. Simmons
RWC - Rod W. Campbell
SJK - Sindy J. Kinney
SLP - Sheri L. Pfalzgraf
SLT - Stephanie L. Tepe
SMW - Shauna M. Welch
SPL - Steve P. Learn
SPS - Steve P. Swatzel
TJH - Tim J. Hoeflich
TLB - Tracy L. Baldwin
TLD - Teresa L. Davis
TMM- Tammy M. Morris
TRS - Todd R. Stack
VC - Vicki Collier
VMN - Vincent M. Nedeff

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

COC No. A 15144

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORP

Project Contact: GUY GALLELO | Contact Phone #:

Turn Around Requirements: 14-DAY | Location: IT-FINDLAY, OH

Project #: 778165 | Project Name: PPG-OAK CREEK, WI

Sampler (print): ED WALCZAK | Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (10 selected VOCs)
TF-1		X	1/11/00	1115		X	3		X
TF-2		X	1/11/00	1155		X	3		X
TF-3		X	1/11/00	1240		X	3		X
TF-4		X	1/11/00	1315		X	3		X
SUMP		X	1/11/00	1045		X	3		X
TRIP BLANK		X	1/11/00	—		X	3		X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	1/11/00	1745					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Jeffrey Baldwin	1/12/00	0959	5.0	C/C Sealed Sx's intact

*Homogenize all composite samples prior to analysis

KEMRON Internal Laboratory Chain of Custody

Work Order: L0001181 **Client:** IT **# of Samples:** 6 **Due Date:** 1/24/00 **Page:**

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
01-06	8260	Analysis	[illegible]	V-1	VOA	BLG	mcf 1/27/00 1520	Archive	BLG	Archive

21

2.0 Full Sample Data Package

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L0004252
Report Date: 04/26/00
Work ID: 778165/PPG-OAK CREEK, WI
Date Received: 04/13/00

PO Number:
Account Number: ITCORPOH-398

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0004252-01	TF-1	L0004252-02	TF-2
L0004252-03	TF-3	L0004252-04	TF-4
L0004252-05	SUMP	L0004252-06	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
Dennis S. Tepe

KEMRON ENVIRONMENTAL SERVICES

Order #00-04-252
May 3, 2000 17:14

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

SAMPLE RECEIPT:

The cooler temperature was 6 °C. All samples were received intact.

VOLATILE ORGANICS - 8260:

Several samples in this sample delivery group (SDG) required dilution analyses in order to obtain results within the calibration range of the instrument.

Sample fractions 02 and 04 yielded % recoveries for 4-BFB that were above the upper surrogate limit. Dilution analysis of these samples confirmed sample matrix interference.

The MS/MSD results were not associated with this sample batch. There were no technical difficulties encountered.

Login #L0004252
May 3, 2000 05:30 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-01
Client Sample ID: TF-1
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 04/11/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/21/00 Time: 21:41

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35223

Method: 8260B
Run ID: R87619
Batch : WG75579

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L	2.3	J	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105	(86 - 118%)
1,2-Dichloroethane-d4	108	(80 - 120%)
Toluene-d8	97.9	(88 - 110%)
4-Bromofluorobenzene	107	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-02
Client Sample ID: TF-2
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/
Date Collected: 04/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/21/00 Time: 22:16

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35224

Method: 8260B
Run ID: R87619
Batch : WG75579

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	1.0	J	5.0	1
78-93-3	2-Butanone	ug/L	3.3	J	100	1
100-41-4	Ethylbenzene	ug/L	700	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L	8.4	J	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	1.7	J	5.0	1
95-47-6	o-Xylene	ug/L	39		5.0	1
108-38-3	m-Xylene	ug/L	680	D,Z	500	100
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105		(86 - 118%)
1,2-Dichloroethane-d4	107		(80 - 120%)
Toluene-d8	97.0		(88 - 110%)
4-Bromofluorobenzene	119	*	(86 - 115%)

RL = Reporting Limit

Login #L0004252
May 3, 2000 05:30 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-03
Client Sample ID: TF-3
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 04/11/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/21/00 Time: 22:50

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35225

Method: 8260B
Run ID: R87619
Batch : WG75579

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	0.29	J	5.0	1
78-93-3	2-Butanone	ug/L	17	J	100	1
100-41-4	Ethylbenzene	ug/L	620	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L	68		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	180		5.0	1
95-47-6	o-Xylene	ug/L	660	D	500	100
108-38-3	m-Xylene	ug/L	3100	D,Z	500	100
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	103	(86 - 118%)
1,2-Dichloroethane-d4	102	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4-Bromofluorobenzene	113	(86 - 115%)

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-04
Client Sample ID: TF-4
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/
Date Collected: 04/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/24/00 Time: 14:21

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35251

Method: 8260B
Run ID: R87802
Batch : WG75616

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	0.28	J	5.0	1
78-93-3	2-Butanone	ug/L	13	J	100	1
100-41-4	Ethylbenzene	ug/L	230	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L	9.6	J	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	1.5	J	5.0	1
95-47-6	o-Xylene	ug/L	2.1	J	5.0	1
108-38-3	m-Xylene	ug/L	9.8	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	95.0		(86 - 118%)
1,2-Dichloroethane-d4	89.0		(80 - 120%)
Toluene-d8	90.4		(88 - 110%)
4-Bromofluorobenzene	139	*	(86 - 115%)

RL = Reporting Limit

Login #L0004252
May 3, 2000 05:30 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-05
Client Sample ID: SUMP
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/
Date Collected: 04/11/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/24/00 Time: 17:35

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35256

Method: 8260B
Run ID: R87802
Batch : WG75616

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	50	10
78-93-3	2-Butanone	ug/L	100	J	1000	10
100-41-4	Ethylbenzene	ug/L	130		50	10
108-10-1	4-Methyl-2-pentanone	ug/L	1300		100	10
75-09-2	Methylene chloride	ug/L		ND	50	10
100-42-5	Styrene	ug/L		ND	50	10
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	5.0	10
127-18-4	Tetrachloroethene	ug/L		ND	5.0	10
108-88-3	Toluene	ug/L	53		50	10
95-47-6	o-Xylene	ug/L	160		50	10
108-38-3	m-Xylene	ug/L	680	Z	50	10
106-42-3	p-Xylene	ug/L		Z	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.3	(86 - 118%)
1,2-Dichloroethane-d4	83.1	(80 - 120%)
Toluene-d8	89.9	(88 - 110%)
4-Bromofluorobenzene	104	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0004252-06
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 16289/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 04/11/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 04/24/00 Time: 16:27

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M35254

Method: 8260B
Run ID: R87802
Batch : WG75616

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane		95.6	(86 - 118%)		
	1,2-Dichloroethane-d4		86.8	(80 - 120%)		
	Toluene-d8		90.4	(88 - 110%)		
	4-Bromofluorobenzene		103	(86 - 115%)		

RL = Reporting Limit

Order #: 00-04-252
April 26, 2000 05:02 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG75579	R87619	L0004252-01		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS
WG75579	R87619	L0004252-02		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS
WG75579	R87619	L0004252-03		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS
WG75616	R87802	L0004252-04		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS
WG75616	R87802	L0004252-05		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS
WG75616	R87802	L0004252-06		Water	Special List - 8260	8260B	11-APR-2000	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

04/24/00

ABW - Angela B. Wigal
ALT - Ann L. Thayer
ARS - Angelina (Nina) R. Scott
BKL - Brian K. LeMasters
BRG - Brenda R. Gregory
CAG - Cheryl A. Graham
CAK - Cheryl A. Koelsch
CBN - Charles B. Noll
CEA - Carla E. Allen
CEB - Chad E. Barnes
CLC - Chrys L. Crawford
CLK - Carl L. King
CLW - Charissa L. Winters
CMS - Crystal M. Stevens
CPA - Cliff P. Asher
CRC - Carla R. Cochran
CSH - Chris S. Hill
CWS - Clark W. Stanley
DAM - Dan A. Musgrave
DAS - Dallas A. Sullivan
DAT - Debbie A. Tornes
DEL - Don E. Lightfritz
DEV - David E. Vandenberg
DGB - Douglas G. Butcher
DIB - Dalia I. Brown
DIH - Deanna I. Hesson
DLA - Denise L. Adams
DLB - David L. Bumgarner
DLN - Deanna L. Norton
DLP - Dorothy L. Payne
DLR - Dianna L. Rauch
DMD - David M. Dye
DST - Dennis S. Tepe
EAW - Elizabeth (Beth) A. Weber
ECL - Eric C. Lawson
EIE - Elizabeth (Betsy) I. Eagle
GSG - Galen S. George
GWH - George W. Hutchinson
HV - Hema Vilasagar
JCR - Jennifer C. Randall
JDN - Jamie D. Newell
JKM - June K. Morris
JKW - Jane K. Warden
JLH - Janice L. Holland
JMT - Joy M. Thomas
JMW - John M. Wass
JRM - Jay R. McDougal
JWR - John W. Richards
JWS - Jack W. Sheaves
JYH - Ji Y. Hu
KDS - Kristi D. Stone
KHR - Kim H. Rhodes
KRA - Kathy R. Albertson
KSL - Kelly S. Lauer
LKM - Laura K Morris
LKN - Linda K. Nedeff
LLB - Lori L. Bradley
LSA - Lucinda (Cindy) S. Arnold
LSB - Leslie S. Bucina
MDA - Mike D. Albertson
MDC - Michael D. Cochran
MDG - Melissa D. Grimes
MEF - Mike E. Flanagan
MES - Mary E. Schilling
MFB - Mike F. Barrow
MLS - Michael L. Schimmel
MMB- Maren M. Beery
MSW - Matt S. Wilson
NJB - Natalie J. Booth
PML - Paula M. Leidy
RDC - Rebecca D. Cutlip
REF - Ron E. Fertile
REK - Robert E. Keyer
RJW - Rhonda J. Wittekind
RLW - Ron L. Watson
RSH - Renee S. Hennes
RSS - Regina S. Simmons
RWC - Rod W. Campbell
SJK - Sindy J. Kinney
SLP - Sheri L. Pfalzgraf
SLT - Stephanie L. Tepe
SMW - Shauna M. Welch
SPL - Steve P. Learn
SPS - Steve P. Swatzel
TJH - Tim J. Hoeflich
TLD - Teresa L. Davis
TMM- Tammy M. Morris
TRS - Todd R. Stack
VC - Vicki Collier

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met

Qualifier	Description
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

COC No. A 16289

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORP

Project Contact: CHRIS PIKE

Contact Phone #: 800-444-9586

Turn Around Requirements: 14 DAY

Location: IT - PITTSBURGH, PA

Project #: 778165

Project Name: PPG - OAK CREEK, WI

Sampler (print): ED WALCZAK

Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (10 selected VOCs)
TF-1		X	4/11/00	1245		X	3		X
TF-2		X	4/11/00	1320		X	3		X
TF-3		X	4/11/00	1355		X	3		X
TF-4		X	4/11/00	1410		X	3		X
SUMP		X	4/11/00	1115		X	3		X
TRIP BLANK		X	4/11/00			X	3		X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	4/11/00	1750					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Glenda Gregory	4/13/00	0956	6	c/c sealed SXS intact bag

*Homogenize all composite samples prior to analysis

Page _____ of _____

KEMRON Internal Laboratory Chain of Custody

Work Order: L000252 **Client:** IT **# of Samples:** 6 **Due Date:** 4/24 **Page:** ____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1-6	VOA	ANAL	Rel 4/14/00 1700	V-1	VOA	BLq	CSK 5/4/00 1500	ARCHIVE	BLq	ARCHIVE

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1.0 Summary Report

1.1 Laboratory Report

Cover Page
Laboratory Narrative
Laboratory Results

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L0010212
Report Date: 10/20/00
Work ID: 778165/PPG-OAK CREEK, WI
Date Received: 10/07/00

PO Number:
Account Number: ITCORPOH-398

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0010212-01	TF-1	L0010212-02	TF-2
L0010212-03	TF-3	L0010212-04	TF-4
L0010212-05	SUMP	L0010212-06	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

David L. Bumgarner

Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

L0010212

CHAIN OF CUSTODY:

The chain of custody number was 20089

SHIPMENT CONDITIONS:

The chain of custody was received sealed in a cooler. The temperature of the cooler was 2° C.

SAMPLE MANAGEMENT:

All samples were received intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

REVIEWED: Stephanie Klepa DATE: 10/26/00

REPORT NARRATIVE
GC/MS VOLATILE ORGANICS

KEMRON Login No: L0010212

METHOD

Preparation: SW- 846 5030
Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.
Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial calibrations: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.
Laboratory Control Samples: All acceptance criteria were met.
Matrix Spikes: Sample fraction 05 was chosen internally for MS/MSD analyses. All acceptance criteria were met.

SAMPLES

Internal Standards: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Samples: Sample fractions 02, 04 and 05 required dilution analyses in order to obtain results within the linear range of the instrument. All acceptance criteria were met.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: RSS REVIEWED: Stephanie L Lepe DATE: 10/26/00

Rev. 7/14/00

Login #L0010212
October 20, 2000 03:02 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-01
Client Sample ID: TF-1
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/16/00 Time: 20:53

Dil. Type: N/A
COC Info: 20089/

Date Collected: 10/06/00

Instrument: HPMS9
Analyst: RSS
Lab File ID: 9M12888

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R104246
Batch : WG85809

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	50		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	42	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1,2-Dichloroethane-d4	112	(80 - 120%)
Toluene-d8	92.8	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

RL = Reporting Limit

Login #L0010212
October 20, 2000 03:02 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-02
Client Sample ID: TF-2
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 20089/
Date Collected: 10/06/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/16/00 Time: 21:24

Instrument: HPMS9
Analyst: RSS
Lab File ID: 9M12889.D

Method: 8260B\5030B
Run ID: R104246
Batch : WG85809

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	2300	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L	1600	D	50	10
108-38-3	m-Xylene	ug/L	5200	D,Z	500	100
106-42-3	p-Xylene	ug/L		Z	500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	95.8	(86 - 118%)
1,2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	95.0	(88 - 110%)
4-Bromofluorobenzene	113	(86 - 115%)

RL = Reporting Limit

Login #L0010212
October 20, 2000 03:02 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-03
Client Sample ID: TF-3
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 20089/
Date Collected: 10/06/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/17/00 Time: 11:08

Instrument: HPMS9
Analyst: RSS
Lab File ID: 9M12905

Method: 8260B\5030B
Run ID: R104283
Batch : WG85865

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	9.4		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	100	(86 - 118%)
1,2-Dichloroethane-d4	98.6	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4-Bromofluorobenzene	111	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-04
Client Sample ID: TF-4
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 20089/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 10/06/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/19/00 Time: 12:45

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M39557.D

Method: 8260B\5030B
Run ID: R104442
Batch : WG86020

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	400	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L	18		5.0	1
108-38-3	m-Xylene	ug/L	120	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	86.2	(86 - 118%)
1,2-Dichloroethane-d4	84.6	(80 - 120%)
Toluene-d8	95.1	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL = Reporting Limit

6

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-05
Client Sample ID: SUMP
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 20089/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 10/06/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/16/00 Time: 22:26

Instrument: HPMS9
Analyst: RSS
Lab File ID: 9M12891.D

Method: 8260B\5030B
Run ID: R104246
Batch : WG85809

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	92		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	480	D	100	10
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	28		5.0	1
95-47-6	o-Xylene	ug/L	50		5.0	1
108-38-3	m-Xylene	ug/L	150	Z	5.0	1
106-42-3	p-Xylene	ug/L	150	Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	99.0	(86 - 118%)
1,2-Dichloroethane-d4	97.8	(80 - 120%)
Toluene-d8	98.4	(88 - 110%)
4-Bromofluorobenzene	111	(86 - 115%)

RL = Reporting Limit

Login #L0010212
October 20, 2000 03:02 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0010212-06
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG-OAK CREEK, WI
Matrix: Water

Dil. Type: N/A
COC Info: 20089/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 10/06/00

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 10/16/00 Time: 20:22

Instrument: HPMS9
Analyst: RSS
Lab File ID: 9M12887

Method: 8260B\5030B
Run ID: R104246
Batch : WG85809

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105	(86 - 118%)
1,2-Dichloroethane-d4	109	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	104	(86 - 115%)

RL = Reporting Limit

Order #: 00-10-212
October 20, 2000 03:02 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG85809	R104246	L0010212-01		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS
WG85809	R104246	L0010212-02		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS
WG85809	R104246	L0010212-05		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS
WG85809	R104246	L0010212-06		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS
WG85865	R104283	L0010212-03		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS
WG86020	R104442	L0010212-04		Water	Special List - 8260	8260B\5030B	06-OCT-2000	Volatile - GC/MS

1.2 Attachments

KEMRON ANALYST LIST

Ohio Valley Laboratory

10/06/2000

ABW - ANGELA B. WIGAL
ADK - ALISHA D. KINDLER
AJN - AMANDA J. NOLAND
ALT - ANN L. THAYER
AMT - ANDREA M. TUCKER
ARS - ANGELINA R. SCOTT
BRG - BRENDA R. GREGORY
CAG - CHERYL A. GRAHAM
CAK - CHERYL A. KOELSCH
CBN - CHARLES B. NOLL
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLW - CHARISSA L. WINTERS
CMS - CRYSTAL M. STEVENS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAM - DAN A. MUSGRAVE
DAS - DALLAS A. SULLIVAN
DAT - DEBBIE A. TORNES
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIB - DALIA I. BROWN
DIH - DEANNA I. HESSON
DLA - DENISE L. ADAMS
DLB - DAVID L. BUMGARNER
DLN - DEANNA L. NORTON
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DMD - DAVID M. DYE
DP - DEANNA L. PIERSON
DST - DENNIS S. TEPE
DTK - DEENA T. KELLEY
EAN - ELIZABETH A. NICHOLSON
EAW - ELIZABETH A. WEBER
ECL - ERIC C. LAWSON
EIE - ELIZABETH I. EAGLE
GSG - GALEN S. GEORGE
GWH - GEORGE W. HUTCHISON
HD - HEATH DENNIS
HV - HEMA VILASAGAR
JAQ - JEROMY A. QUESENBERRY
JAW - JOYCE A. WITHERS
JDN - JAMIE D. NEWELL
JKM - JUNE K. MORRIS
JKW - JANE K. WARDEN
JLH - JANICE L. HOLLAND
JMM - JARROD M. MARTIN
JMT - JOY M. THOMAS
JMW - JOHN M. WASS
JRM - JAY R. MCDOUGAL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KDS - KRISTI D. STONE
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
KSL - KELLY S. LAUER
LKN - LINDA K. NEDEFF
LLB - LORI L. BRADLEY
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MDG - MELISSA D. GRIMES
MEF - MIKE E. FLANAGAN
MES - MARY E. SCHILLING
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
PML - PAULA M. LEIDY
RDC - REBECCA D. CUTLIP
REF - RON E. FERTILE
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RLW - RON L. WATSON
RSH - RENEE S. HENNES
RSS - REGINA S. SIMMONS
RWC - ROD W. CAMPBELL
SJK - SINDY J. KINNEY
SLP - SHERI L. PFALZGRAF
SLT - STEPHANIE L. TEPE
SMW - SHAUNA M. WELCH
SPL - STEVE P. LEARN
SPS - STEVE P. SWATZEL
TAY - TODD A. YOAK
TJH - TIM J. HOEFLICH
TLD - TERESA L. DAVIS
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS
September 7, 2000

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 40% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

COC No. A 20089

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORP

Project Contact: CHRIS PIKE | Contact Phone #: 412-858-3963

Turn Around Requirements: STANDARD | Location: IT PITTSBURGH

Project #: 778165 | Project Name: PPG - OAK CREEK, WI

Sampler (print): ED WALCZAK | Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (10 SELECTED VOCs)	ADDITIONAL REQUIREMENTS
TF-1		X	10/6/00	1140		X	3		X	
TF-2		X	10/6/00	1235		X	3		X	
TF-3		X	10/6/00	1310		X	3		X	
TF-4		X	10/6/00	1355		X	3		X	
SUMP		X	10/6/00	1420		X	3		X	
TRIP BLANK		X	10/6/00			X	3		X	

(1) Stored in locked cooler over weekend bg

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	10/6/00	1730	Ed Walczak	(1)			bg

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Brenda Gregory	10/8/00	1400	2	Clc plated Sub contract bg

*Homogenize all composite samples prior to analysis

KEMRON Internal Laboratory Chain of Custody

Work Order: L001012 **Client:** IT **# of Samples:** 6 **Due Date:** 10/19 **Page:** ____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1-6	8260	ANAL	ASS 10/09/02 12/0	V-1	VOA	BLG	GH Woodward Clyde	archive	BRG	archive

CRF #1

COOLER RECEIPT FORM

Contractor Cooler _____
MRD Cooler # _____
Number of Coolers 1

PROJECT: 778165/Oak Creek, WI LIMS# L0010212

USE OTHER SIDE OF THIS FORM TO NOTE DETAILS CONERNING CHECK-IN PROBLEMS

A. **PRELIMINARY EXAMINATION PHASE:** Date cooler opened: 10-7-00 C-of-C Number: 20089
by (print) Natalie J Boone (sign) Natalie J Boone

1. Did cooler come with a shipping slip (air bill, etc.)? ..... (YES) NO
   If YES, enter carrier name & air bill number here: Fed Ex - 8239 3611 3402
2. Were custody seals on outside of cooler? ..... (YES) NO
   How many & where? 1 - front, seal date: 10-6-00 seal name: Kemron
3. Were custody seals unbroken and intact at the data and time of arrival? ..... (YES) NO
4. Did you screen samples for radioactivity using the Geiger Counter? ..... (YES) NO
5. Were custody papers sealed in a plastic bag & taped inside to the lid? ..... YES (NO)
6. Were custody papers filled out properly (ink, signed, etc.)? ..... (YES) NO
7. Did you sign custody papers in the appropriate place? ..... (YES) NO
8. Was project identifiable from custody papers? If yes, enter project name at the top of this form ..... (YES) NO
9. If required, was enough ice used? ..... Type of ice: Wet Temp 2 °C ..... (YES) NO
10. Have designated person initial here to acknowledge receipt of cooler: JS (date) 10-7-00

B. **LOG-IN PHASE:** Date samples were logged-in: 10-8-00
by (print) Brenda Gregory (sign) Brenda Gregory

11. Describe type of packing in cooler: foamer
12. Were all bottles sealed in separate plastic bags? ..... YES (NO)
13. Did all bottles arrive unbroken & were labels in good condition? ..... (YES) NO
14. Were all bottle labels complete (ID, date, time, signature, preservative, etc.)? ..... (YES) NO
15. Did all bottle labels agree with custody papers? ..... (YES) NO
16. Were correct containers used for the tests indicated? ..... (YES) NO
17. Were correct preservatives added to samples? ..... (YES) NO
18. Was a sufficient amount of sample sent for tests indicated? ..... (YES) NO
19. Were bubbles absent in volatile samples? If NO, list by Sample # _____ (YES) NO
20 Was the project manager called and status discussed? If YES, give details on the back of this form ..... YES (NO)
21. Who was called? _____ By whom? _____ (date) _____

2.0 Full Sample Data Package

2.1 Volatiles Data

REPORT NARRATIVE
GC/MS VOLATILE ORGANICS

KEMRON Login No: L0010212

METHOD

Preparation: SW- 846 5030
Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.
Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial calibrations: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.
Laboratory Control Samples: All acceptance criteria were met.
Matrix Spikes: Sample fraction 05 was chosen internally for MS/MSD analyses. All acceptance criteria were met.

SAMPLES

Internal Standards: All acceptance criteria were met.
Surrogates: All acceptance criteria were met.
Samples: Sample fractions 02, 04 and 05 required dilution analyses in order to obtain results within the linear range of the instrument. All acceptance criteria were met.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: RSS REVIEWED: Stephanie L Lepe DATE: 10/26/00

Rev. 7/14/00

2.1.1 Volatiles GCMS Data (8260)

VOLATILES GC/MS DATA

Login Number: L0010212

A. QC Summary

- ✓ Batch QC Summary Forms
- ✓ Internal Standard/Surrogate Summary Forms

B. Sample Data

- ✓ Target Compound List Results - See Summary Report
- ✓ Tentatively Identified Compounds (TICs) - See Summary Report (c) (if requested)
- ✓ Reconstructed total ion chromatograph (RIC) and quantitation report for each sample
- ✓ Raw spectra and background subtracted mass spectra of target compounds identified
- ✓ Mass spectra of all reported TICs with three best library matches (if requested)

C. Standards Data

- ✓ Initial calibration data summary form
- ✓ Chromatograms and quantitation reports for initial calibration standards
- ✓ Continuing calibration data summary form
- ✓ Chromatogram and quantitation report for continuing calibration standard

D. Raw QC Data

- ✓ GC/MS Instrument Performance Check (BFB)
- ✓ Blank chromatogram and quantitation report
- ✓ Laboratory Control Sample chromatogram and quantitation report
- ✓ Matrix Spike/Matrix Spike Duplicate chromatograms and quantitation reports (if not reported as samples)
- ✓ Instrument runlogs
- NA 5035 preservation logs

Checked By: JLT **Date:** 10/25/00

2.1.1.1 QC Summary

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG85809	**Run Date:** 10/16/00	**Sample Num:** 10-205-14	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS9	**Sample FLNM:** 9M12883.D	**Sample DF:**	100
Matrix:	WATER	**BLK FLNM:** 9M12878.D	**MS FLNM:** 9M12884.D	**MS DF:**	100
Units:	ug/L	**LCS FLNM:** 9M12879.D	**MSD FLNM:** 9M12885.D	**MSD DF:**	100

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIER			
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%				
dichlorodifluoromethane	0.25	ND	21.04	20.0	ND	2089.87	2032.54	2000.0	ND	105.2	10.0	153.0	ND	104.5	101.6	10.0	153.0	2.8	42.0				
chloromethane	0.56	ND	30.59	20.0	ND	2739.30	2594.81	2000.0	ND	153.0	49.0	129.0	ND	137.0	129.7	49.0	129.0	5.4	30.0		H		H
vinyl chloride	0.48	ND	25.84	20.0	ND	2371.84	2250.94	2000.0	ND	129.2	57.0	135.0	ND	118.6	112.5	57.0	135.0	5.2	30.0				
bromomethane	0.25	ND	16.88	20.0	ND	1658.31	1638.14	2000.0	ND	84.4	58.0	140.0	ND	82.9	81.9	58.0	140.0	1.2	39.0				
chloroethane	0.22	ND	24.22	20.0	ND	2176.12	2071.78	2000.0	ND	121.1	69.0	126.0	ND	108.8	103.6	69.0	126.0	4.9	27.0				
trichlorofluoromethane	0.46	ND	20.40	20.0	ND	1881.05	1914.58	2000.0	ND	102.0	67.0	152.0	ND	94.1	95.7	67.0	152.0	1.8	22.0				
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
acetone	1.84	ND	17.78	20.0	7608.02	6923.35	7586.60	2000.0	ND	88.9	40.0	142.0	7608.02	NA	NA	40.0	142.0	NA	40.0				
1,1-dichloroethene	0.27	ND	19.59	20.0	ND	1903.28	2006.04	2000.0	ND	98.0	81.0	130.0	ND	95.2	100.3	81.0	130.0	5.3	18.0				
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
iodomethane	0.14	ND	24.28	20.0	ND	2290.43	2677.42	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
methylene chloride	0.60	ND	20.58	20.0	240.93	2186.97	2200.55	2000.0	ND	102.9	76.0	125.0	240.93	97.3	98.0	76.0	125.0	0.6	19.0				
carbon disulfide	0.15	ND	26.84	20.0	ND	2615.51	2688.04	2000.0	ND	134.2	70.0	138.0	ND	130.8	134.4	70.0	138.0	2.7	20.0				
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
methyl-tert-butyl ether	0.46	ND	21.84	20.0	ND	2342.11	2465.07	2000.0	ND	109.2	NA	NA	ND	117.1	123.3	NA	NA	5.1	NA				
trans-1,2-dichloroethene	0.21	ND	22.71	20.0	ND	2127.64	2201.91	2000.0	ND	113.6	86.0	135.0	ND	106.4	110.1	86.0	135.0	3.4	16.0				
n-hexane	0.23	ND	25.72	20.0	ND	2370.47	2466.20	2000.0	ND	128.6	63.0	137.0	ND	118.5	123.3	58.1	141.9	4.0	30.0				
vinyl acetate	4.43	ND	13.38	20.0	ND	1322.37	1408.07	2000.0	ND	66.9	10.0	136.0	ND	66.1	70.4	10.0	136.0	6.3	45.0				
1,1-dichloroethane	0.18	ND	23.00	20.0	ND	2194.93	2178.45	2000.0	ND	115.0	84.0	127.0	ND	109.7	108.9	84.0	127.0	0.8	15.0				
2-butanone	1.17	ND	19.14	20.0	750301.61	704029.62	692507.00	2000.0	ND	95.7	61.0	137.0	750301.61	NA	NA	61.0	137.0	NA	30.0				L
2,2-dichloropropane	0.23	ND	24.39	20.0	ND	2279.35	2245.61	2000.0	ND	122.0	79.0	130.0	ND	114.0	112.3	79.0	130.0	1.5	17.0				
cis-1,2-dichloroethene	0.14	ND	22.02	20.0	ND	2214.72	2185.40	2000.0	ND	110.1	82.0	121.0	ND	110.7	109.3	82.0	121.0	1.3	15.0				
chloroform	0.19	ND	23.17	20.0	ND	2255.19	2218.38	2000.0	ND	115.9	85.0	121.0	ND	112.8	110.9	85.0	121.0	1.6	15.0				
bromochloromethane	0.19	ND	18.37	20.0	ND	1957.83	1957.07	2000.0	ND	91.9	85.0	121.0	ND	97.9	97.9	85.0	121.0	0.0	15.0				
1,1,1-trichloroethane	0.25	ND	22.39	20.0	ND	2240.25	2240.42	2000.0	ND	112.0	78.0	127.0	ND	112.0	112.0	78.0	127.0	0.0	17.0				
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
1,1-dichloropropene	0.21	ND	25.48	20.0	ND	2562.92	2571.71	2000.0	ND	127.4	91.0	133.0	ND	128.1	128.6	91.0	133.0	0.3	15.0				
carbon tetrachloride	0.30	ND	22.57	20.0	ND	2213.88	2243.97	2000.0	ND	112.9	70.0	130.0	ND	110.7	112.2	70.0	130.0	1.3	20.0				
1,2-dichloroethane	0.33	ND	22.99	20.0	ND	2255.49	2201.59	2000.0	ND	115.0	78.0	128.0	ND	112.8	110.1	78.0	128.0	2.4	17.0				
benzene	0.17	ND	22.72	20.0	ND	2226.42	2190.50	2000.0	ND	113.6	87.0	118.0	ND	111.3	109.5	87.0	118.0	1.6	15.0				
trichloroethene	0.17	ND	21.55	20.0	ND	2267.31	2257.82	2000.0	ND	107.8	83.0	123.0	ND	113.4	112.9	83.0	123.0	0.4	15.0				
1,2-dichloropropane	0.12	ND	22.58	20.0	ND	2283.64	2241.32	2000.0	ND	112.9	81.0	121.0	ND	114.2	112.1	81.0	121.0	1.9	15.0				
bromodichloromethane	0.25	ND	23.29	20.0	ND	2345.65	2315.81	2000.0	ND	116.5	81.0	126.0	ND	117.3	115.8	81.0	126.0	1.3	16.0				
dibromomethane	0.19	ND	22.56	20.0	ND	2008.87	1944.99	2000.0	ND	112.8	83.0	122.0	ND	100.4	97.2	83.0	122.0	3.2	15.0				
2-chloroethylvinyl ether	1.07	ND	4.39	20.0	ND	640.54	649.35	2000.0	ND	22.0	45.0	154.0	ND	32.0	32.5	45.0	154.0	1.4	46.0		L		L
4-methyl-2-pentanone	1.10	ND	19.81	20.0	15972.97	19383.99	19195.57	2000.0	ND	99.1	66.0	132.0	15972.97	170.6	161.1	66.0	132.0	1.0	33.0				H
cis-1,3-dichloropropene	0.14	ND	24.38	20.0	ND	2488.67	2468.06	2000.0	ND	121.9	82.0	124.0	ND	124.4	123.4	82.0	124.0	0.8	15.0				H
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
toluene	0.16	ND	22.43	20.0	21295.53	21567.03	21165.39	2000.0	ND	112.2	84.0	123.0	21295.53	13.6	NA	84.0	123.0	NA	15.0				L
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
trans-1,3-dichloropropene	0.16	ND	21.36	20.0	ND	2103.15	2107.50	2000.0	ND	106.8	80.0	124.0	ND	105.2	105.4	80.0	124.0	0.2	15.0				
1,1,2-trichloroethane	0.28	ND	20.46	20.0	ND	1943.00	1965.78	2000.0	ND	102.3	78.0	122.0	ND	97.2	98.3	78.0	122.0	1.2	15.0				

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG85809	**Run Date:** 10/16/00	SMPL Num: 10-205-14	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS9	SMPL FLNM: 9M12883.D	**SMPL DF:**	100
Matrix:	WATER	**BLK FLNM:** 9M12878.D	MS FLNM: 9M12884.D	**MS DF:**	100
Units:	ug/L	**LCS FLNM:** 9M12879.D	MSD FLNM: 9M12885.D	**MSD DF:**	100

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS			
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%				
2-hexanone	1.19	ND	19.96	20.0	ND	2270.65	2332.77	2000.0	ND	99.8	57.0	130.0	ND	113.5	116.6	57.0	130.0	2.7	31.0				
1,3-dichloropropane	0.16	ND	21.29	20.0	ND	2213.12	2223.49	2000.0	ND	106.5	78.0	123.0	ND	110.7	111.2	78.0	123.0	0.5	15.0				
tetrachloroethene	0.20	ND	20.91	20.0	ND	2103.25	2142.09	2000.0	ND	104.6	83.0	124.0	ND	105.2	107.1	83.0	124.0	1.8	15.0				
dibromochloromethane	0.29	ND	19.97	20.0	ND	2056.60	2082.22	2000.0	ND	99.9	78.0	123.0	ND	102.8	104.1	78.0	123.0	1.2	18.0				
1,2-dibromoethane	0.15	ND	19.77	20.0	ND	2138.91	2152.18	2000.0	ND	98.9	79.0	123.0	ND	106.9	107.6	79.0	123.0	0.6	15.0				
1-chlorohexane	0.26	ND	21.22	20.0	ND	2014.43	2092.32	2000.0	ND	106.1	60.0	140.0	ND	100.7	104.6	60.0	140.0	3.8	NA				
chlorobenzene	0.24	ND	20.49	20.0	ND	1945.13	1934.05	2000.0	ND	102.5	70.0	130.0	ND	97.3	96.7	87.0	118.0	0.6	15.0				
1,1,1,2-tetrachloroethane	0.25	ND	21.67	20.0	ND	2094.33	2076.83	2000.0	ND	108.4	82.0	123.0	ND	104.7	103.8	82.0	123.0	0.8	15.0				
ethylbenzene	0.20	ND	21.89	20.0	2314.36	4419.74	4363.94	2000.0	ND	109.5	85.0	121.0	2314.4	105.3	102.5	85.0	121.0	1.3	15.0				
m+p-xylene	0.33	ND	41.30	40.0	8795.77	12968.36	12652.60	4000.0	ND	103.3	86.0	121.0	8795.8	104.3	96.4	86.0	121.0	2.5	15.0				
o-xylene	0.16	ND	19.49	20.0	3330.60	5491.86	5412.65	2000.0	ND	97.5	85.0	121.0	3330.6	108.1	104.1	85.0	121.0	1.5	15.0				
styrene	0.20	ND	19.59	20.0	ND	1955.94	1932.04	2000.0	ND	98.0	84.0	120.0	ND	97.8	96.6	84.0	120.0	1.2	15.0				
bromoform	0.45	ND	17.22	20.0	ND	1729.02	1748.74	2000.0	ND	86.1	73.0	124.0	ND	86.5	87.4	73.0	124.0	1.1	22.0				
isopropylbenzene	0.20	ND	18.12	20.0	ND	1710.36	1717.85	2000.0	ND	90.6	81.0	124.0	ND	85.5	85.9	81.0	124.0	0.4	15.0				
1,1,2,2-tetrachloroethane	0.39	ND	19.98	20.0	ND	2389.40	2361.24	2000.0	ND	99.9	72.0	132.0	ND	119.5	118.1	72.0	132.0	1.2	23.0				
1,2,3-trichloropropane	0.41	ND	17.19	20.0	ND	1340.42	1335.03	2000.0	ND	86.0	72.0	132.0	ND	67.0	66.8	72.0	132.0	0.4	21.0				L
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0				
propyl-benzene	0.26	ND	18.76	20.0	ND	1571.49	1555.61	2000.0	ND	93.8	82.0	125.0	ND	78.6	77.8	82.0	125.0	1.0	15.0				L
bromobenzene	0.30	ND	19.98	20.0	ND	2111.16	2101.53	2000.0	ND	99.9	84.0	120.0	ND	105.6	105.1	84.0	120.0	0.5	15.0				
1,3,5-trimethylbenzene	0.22	ND	18.37	20.0	ND	1866.48	1848.50	2000.0	ND	91.9	82.0	125.0	ND	93.3	92.4	82.0	125.0	1.0	15.0				
2-chlorotoluene	0.30	ND	21.46	20.0	ND	2175.69	2106.14	2000.0	ND	107.3	80.0	128.0	ND	108.8	105.3	80.0	128.0	3.2	15.0				
4-chlorotoluene	0.26	ND	21.49	20.0	ND	2018.65	2025.39	2000.0	ND	107.5	80.0	127.0	ND	100.9	101.3	80.0	127.0	0.3	15.0				
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA				
tert-butyl-benzene	0.36	ND	20.32	20.0	ND	2044.37	2084.58	2000.0	ND	101.6	80.0	121.0	ND	102.2	104.2	80.0	121.0	1.9	15.0				
1,2,4-trimethylbenzene	0.23	ND	21.63	20.0	54.91	2190.10	2176.97	2000.0	ND	108.2	84.0	125.0	54.9	106.8	106.1	84.0	125.0	0.6	15.0				
sec-butyl-benzene	0.33	ND	20.11	20.0	ND	1965.02	1972.90	2000.0	ND	100.6	80.0	125.0	ND	98.3	98.6	80.0	125.0	0.4	15.0				
p-isopropyl-toluene	0.33	ND	17.10	20.0	ND	1690.06	1695.80	2000.0	ND	85.5	79.0	133.0	ND	84.5	84.8	79.0	133.0	0.3	15.0				
1,3-dichlorobenzene	0.32	ND	19.50	20.0	ND	1980.89	1963.46	2000.0	ND	97.5	70.0	130.0	ND	99.0	98.2	70.0	130.0	0.9	15.0				
1,4-dichlorobenzene	0.38	ND	19.68	20.0	ND	1981.31	1984.06	2000.0	ND	98.4	70.0	130.0	ND	99.1	99.2	70.0	130.0	0.1	15.0				
n-butyl-benzene	0.37	ND	21.31	20.0	ND	2061.77	2064.37	2000.0	ND	106.6	78.0	128.0	ND	103.1	103.2	78.0	128.0	0.1	17.0				
1,2-dichlorobenzene	0.37	ND	18.96	20.0	ND	1923.27	1942.09	2000.0	ND	94.8	70.0	130.0	ND	96.2	97.1	70.0	130.0	1.0	15.0				
1,2-dibromo-3-chloropropane	0.78	ND	12.99	20.0	ND	1600.91	1687.27	2000.0	ND	65.0	69.0	125.0	ND	80.0	84.4	69.0	125.0	5.3	26.0		L		
1,2,4-trichlorobenzene	0.25	0.31	17.20	20.0	ND	1866.39	1926.49	2000.0	0.31	86.0	74.0	124.0	ND	93.3	96.3	74.0	124.0	3.2	20.0				
hexachlorobutadiene	0.46	0.54	16.65	20.0	ND	1680.50	1711.69	2000.0	0.54	83.3	67.0	131.0	ND	84.0	85.6	67.0	131.0	1.8	26.0				
naphthalene	0.48	ND	12.94	20.0	ND	1533.90	1711.02	2000.0	ND	64.7	69.0	126.0	ND	76.7	85.6	69.0	126.0	10.9	24.0		L		
1,2,3-trichlorobenzene	0.33	0.69	18.12	20.0	ND	1983.58	2107.95	2000.0	0.69	90.6	60.0	137.0	ND	99.2	105.4	60.0	137.0	6.1	33.0				
Surrogates																							
dibromofluoromethane		26.07	25.08	25.0	25.13	24.87	24.81	25.0	104.3	100.3	86	118	100.5	99.5	99.2								
1,2-dichloroethane-d4		26.45	25.47	25.0	26.41	25.18	24.85	25.0	105.8	101.9	80	120	105.6	100.7	99.4								
toluene-d8		25.79	25.58	25.0	23.38	23.78	24.10	25.0	103.2	102.3	88	110	93.5	95.1	96.4								
p-bromofluorobenzene		27.59	26.02	25.0	26.46	26.45	26.30	25.0	110.4	104.1	86	115	105.8	105.8	105.2								

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate

LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit

ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable

DF=Dilution Factor

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG85865	**Run Date:**	10/17/00	**Sample Num:**	10212-05	**LCS DF:**	1
Method:	8260B	**Instrument ID:**	HPMS9	**Sample FLNM:**	9M12908.D	**Sample DF:**	10
Matrix:	WATER	**BLK FLNM:**	9M12903.D	**MS FLNM:**	9M12909.D	**MS DF:**	10
Units:	ug/L	**LCS FLNM:**	9M12904.D	**MSD FLNM:**	9M12910.D	**MSD DF:**	10

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	24.10	20.0	ND	252.62	251.52	200.0	ND	120.5	10.0	153.0	ND	126.3	125.8	10.0	153.0	0.4	42.0						
chloromethane	0.56	ND	26.07	20.0	ND	253.50	261.77	200.0	ND	130.4	49.0	129.0	ND	126.8	130.9	49.0	129.0	3.2	30.0		H			H	
vinyl chloride	0.48	ND	23.82	20.0	ND	233.71	232.69	200.0	ND	119.1	57.0	135.0	ND	116.9	116.3	57.0	135.0	0.4	30.0						
bromomethane	0.25	ND	13.82	20.0	ND	81.62	120.73	200.0	ND	69.1	58.0	140.0	ND	40.8	60.4	58.0	140.0	38.7	39.0				L		
chloroethane	0.22	ND	21.72	20.0	ND	214.73	212.33	200.0	ND	108.6	69.0	126.0	ND	107.4	106.2	69.0	126.0	1.1	27.0						
trichlorofluoromethane	0.46	ND	20.52	20.0	ND	205.41	205.89	200.0	ND	102.6	67.0	152.0	ND	102.7	102.9	67.0	152.0	0.2	22.0						
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	14.97	20.0	ND	177.01	176.39	200.0	ND	74.9	40.0	142.0	ND	88.5	88.2	40.0	142.0	0.4	40.0						
1,1-dichloroethene	0.27	ND	20.17	20.0	ND	212.37	213.84	200.0	ND	100.9	81.0	130.0	ND	106.2	106.9	81.0	130.0	0.7	18.0						
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	14.22	20.0	ND	145.24	176.36	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.77	20.0	ND	200.14	201.72	200.0	ND	98.9	76.0	125.0	ND	100.1	100.9	76.0	125.0	0.8	19.0						
carbon disulfide	0.15	ND	24.97	20.0	ND	255.33	256.22	200.0	ND	124.9	70.0	138.0	ND	127.7	128.1	70.0	138.0	0.3	20.0						
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	21.10	20.0	ND	220.99	220.96	200.0	ND	105.5	NA	NA	ND	110.5	110.5	NA	NA	0.0	NA						
trans-1,2-dichloroethene	0.21	ND	22.57	20.0	ND	233.75	232.16	200.0	ND	112.9	86.0	135.0	ND	116.9	116.1	86.0	135.0	0.7	16.0						
n-hexane	0.23	ND	22.05	20.0	ND	222.01	220.88	200.0	ND	110.3	63.0	137.0	ND	111.0	110.4	58.1	141.9	0.5	30.0						
vinyl acetate	4.43	ND	12.19	20.0	ND	128.40	127.65	200.0	ND	61.0	10.0	136.0	ND	64.2	63.8	10.0	136.0	0.6	45.0						
1,1-dichloroethane	0.18	ND	20.58	20.0	ND	196.38	201.40	200.0	ND	102.9	84.0	127.0	ND	98.2	100.7	84.0	127.0	2.5	15.0						
2-butanone	1.17	ND	19.21	20.0	ND	210.10	211.80	200.0	ND	96.1	61.0	137.0	ND	105.1	105.9	61.0	137.0	0.8	30.0						
2,2-dichloropropane	0.23	ND	23.64	20.0	ND	240.72	237.70	200.0	ND	118.2	79.0	130.0	ND	120.4	118.9	79.0	130.0	1.3	17.0						
cis-1,2-dichloroethene	0.14	ND	21.26	20.0	ND	210.00	213.76	200.0	ND	106.3	82.0	121.0	ND	105.0	106.9	82.0	121.0	1.8	15.0						
chloroform	0.19	ND	21.79	20.0	ND	219.21	218.65	200.0	ND	109.0	85.0	121.0	ND	109.6	109.3	85.0	121.0	0.3	15.0						
bromochloromethane	0.19	ND	17.88	20.0	ND	179.33	177.60	200.0	ND	89.4	85.0	121.0	ND	89.7	88.8	85.0	121.0	1.0	15.0						
1,1,1-trichloroethane	0.25	ND	21.56	20.0	ND	219.88	220.11	200.0	ND	107.8	78.0	127.0	ND	109.9	110.1	78.0	127.0	0.1	17.0						
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	25.27	20.0	ND	256.97	258.62	200.0	ND	126.4	91.0	133.0	ND	128.5	129.3	91.0	133.0	0.6	15.0						
carbon tetrachloride	0.30	ND	21.93	20.0	ND	221.36	220.07	200.0	ND	109.7	70.0	130.0	ND	110.7	110.0	70.0	130.0	0.6	20.0						
1,2-dichloroethane	0.33	ND	21.53	20.0	ND	216.29	214.23	200.0	ND	107.7	78.0	128.0	ND	108.1	107.1	78.0	128.0	1.0	17.0						
benzene	0.17	ND	21.72	20.0	ND	218.41	219.52	200.0	ND	108.6	87.0	118.0	ND	109.2	109.8	87.0	118.0	0.5	15.0						
trichloroethene	0.17	ND	21.23	20.0	ND	217.86	217.94	200.0	ND	106.2	83.0	123.0	ND	108.9	109.0	83.0	123.0	0.0	15.0						
1,2-dichloropropane	0.12	ND	21.46	20.0	ND	216.31	217.44	200.0	ND	107.3	81.0	121.0	ND	108.2	108.7	81.0	121.0	0.5	15.0						
bromodichloromethane	0.25	ND	22.08	20.0	ND	223.17	223.58	200.0	ND	110.4	81.0	126.0	ND	111.6	111.8	81.0	126.0	0.2	16.0						
dibromomethane	0.19	ND	19.74	20.0	ND	202.10	199.72	200.0	ND	98.7	83.0	122.0	ND	101.1	99.9	83.0	122.0	1.2	15.0						
2-chloroethylvinyl ether	1.07	ND	5.23	20.0	ND	38.58	27.36	200.0	ND	26.2	45.0	154.0	ND	19.3	13.7	45.0	154.0	34.0	46.0		L		L	L	
4-methyl-2-pentanone	1.10	ND	19.84	20.0	481.18	680.17	677.61	200.0	ND	99.2	66.0	132.0	481.18	99.5	98.2	66.0	132.0	0.4	33.0						
cis-1,3-dichloropropene	0.14	ND	23.62	20.0	ND	240.42	239.41	200.0	ND	118.1	82.0	124.0	ND	120.2	119.7	82.0	124.0	0.4	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	23.48	20.0	25.98	261.26	264.16	200.0	ND	117.4	84.0	123.0	25.98	117.6	119.1	84.0	123.0	1.1	15.0						
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	23.17	20.0	ND	231.59	233.31	200.0	ND	115.9	80.0	124.0	ND	115.8	116.7	80.0	124.0	0.7	15.0						
1,1,2-trichloroethane	0.28	ND	21.70	20.0	ND	214.36	216.89	200.0	ND	108.5	78.0	122.0	ND	107.2	108.4	78.0	122.0	1.2	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG85865	**Run Date:** 10/17/00	**SMPL Num:** 10212-05	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS9	**SMPL FLNM:** 9M12908.D	**SMPL DF:**	10
Matrix:	WATER	**BLK FLNM:** 9M12903.D	**MS FLNM:** 9M12909.D	**MS DF:**	10
Units:	ug/L	**LCS FLNM:** 9M12904.D	**MSD FLNM:** 9M12910.D	**MSD DF:**	10

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	21.85	20.0	ND	216.95	217.74	200.0	ND	109.3	57.0	130.0	ND	108.5	108.9	57.0	130.0	0.4	31.0						
1,3-dichloropropane	0.16	ND	22.88	20.0	ND	227.60	226.26	200.0	ND	114.4	78.0	123.0	ND	113.8	113.1	78.0	123.0	0.6	15.0						
tetrachloroethene	0.20	ND	22.50	20.0	ND	227.04	228.89	200.0	ND	112.5	83.0	124.0	ND	113.5	114.4	83.0	124.0	0.8	15.0						
dibromochloromethane	0.29	ND	21.67	20.0	ND	218.39	218.48	200.0	ND	108.4	78.0	123.0	ND	109.2	109.2	78.0	123.0	0.0	18.0						
1,2-dibromoethane	0.15	ND	21.85	20.0	ND	221.39	222.82	200.0	ND	109.3	79.0	123.0	ND	110.7	111.4	79.0	123.0	0.6	15.0						
1-chlorohexane	0.26	ND	20.83	20.0	ND	208.03	209.09	200.0	ND	104.2	60.0	140.0	ND	104.0	104.5	60.0	140.0	0.5	NA						
chlorobenzene	0.24	ND	21.21	20.0	ND	209.70	210.97	200.0	ND	106.1	70.0	130.0	ND	104.9	105.5	87.0	118.0	0.6	15.0						
1,1,1,2-tetrachloroethane	0.25	ND	22.65	20.0	ND	222.20	224.05	200.0	ND	113.3	82.0	123.0	ND	111.1	112.0	82.0	123.0	0.8	15.0						
ethylbenzene	0.20	ND	22.48	20.0	92.83	311.67	314.42	200.0	ND	112.4	85.0	121.0	92.8	109.4	110.8	85.0	121.0	0.9	15.0						
m+p-xylene	0.33	ND	42.47	40.0	145.54	569.67	579.79	400.0	ND	106.2	86.0	121.0	145.5	106.0	108.6	86.0	121.0	1.8	15.0						
o-xylene	0.16	ND	19.84	20.0	40.21	246.82	249.09	200.0	ND	99.2	85.0	121.0	40.2	103.3	104.4	85.0	121.0	0.9	15.0						
styrene	0.20	ND	20.00	20.0	ND	199.50	202.10	200.0	ND	100.0	84.0	120.0	ND	99.8	101.1	84.0	120.0	1.3	15.0						
bromoform	0.45	ND	18.98	20.0	ND	186.79	187.24	200.0	ND	94.9	73.0	124.0	ND	93.4	93.6	73.0	124.0	0.2	22.0						
isopropylbenzene	0.20	ND	18.35	20.0	3.06	190.35	191.92	200.0	ND	91.8	81.0	124.0	3.1	93.6	94.4	81.0	124.0	0.8	15.0						
1,1,2,2-tetrachloroethane	0.39	ND	22.62	20.0	ND	224.79	225.81	200.0	ND	113.1	72.0	132.0	ND	112.4	112.9	72.0	132.0	0.5	23.0						
1,2,3-trichloropropane	0.41	ND	19.42	20.0	ND	194.94	194.36	200.0	ND	97.1	72.0	132.0	ND	97.5	97.2	72.0	132.0	0.3	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	19.90	20.0	3.91	204.48	208.92	200.0	ND	99.5	82.0	125.0	3.9	100.3	102.5	82.0	125.0	2.1	15.0						
bromobenzene	0.30	ND	21.54	20.0	ND	219.77	223.15	200.0	ND	107.7	84.0	120.0	ND	109.9	111.6	84.0	120.0	1.5	15.0						
1,3,5-trimethylbenzene	0.22	ND	19.40	20.0	38.81	244.19	248.90	200.0	ND	97.0	82.0	125.0	38.8	102.7	105.0	82.0	125.0	1.9	15.0						
2-chlorotoluene	0.30	ND	22.46	20.0	ND	228.32	233.13	200.0	ND	112.3	80.0	128.0	ND	114.2	116.6	80.0	128.0	2.1	15.0						
4-chlorotoluene	0.26	ND	22.68	20.0	ND	221.61	223.81	200.0	ND	113.4	80.0	127.0	ND	110.8	111.9	80.0	127.0	1.0	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	21.37	20.0	ND	212.43	215.76	200.0	ND	106.9	80.0	121.0	ND	106.2	107.9	80.0	121.0	1.6	15.0						
1,2,4-trimethylbenzene	0.23	ND	22.47	20.0	134.81	357.87	366.41	200.0	ND	112.4	84.0	125.0	134.8	111.5	115.8	84.0	125.0	2.4	15.0						
sec-butyl-benzene	0.33	ND	20.71	20.0	ND	209.46	212.22	200.0	ND	103.6	80.0	125.0	ND	104.7	106.1	80.0	125.0	1.3	15.0						
p-isopropyl-toluene	0.33	ND	17.60	20.0	ND	179.30	182.07	200.0	ND	88.0	79.0	133.0	ND	89.7	91.0	79.0	133.0	1.5	15.0						
1,3-dichlorobenzene	0.32	ND	20.65	20.0	ND	208.00	209.13	200.0	ND	103.3	70.0	130.0	ND	104.0	104.6	70.0	130.0	0.5	15.0						
1,4-dichlorobenzene	0.38	ND	20.92	20.0	ND	209.95	213.75	200.0	ND	104.6	70.0	130.0	ND	105.0	106.9	70.0	130.0	1.8	15.0						
n-butyl-benzene	0.37	ND	21.51	20.0	ND	223.55	226.07	200.0	ND	107.6	78.0	128.0	ND	111.8	113.0	78.0	128.0	1.1	17.0						
1,2-dichlorobenzene	0.37	ND	20.06	20.0	ND	205.19	209.38	200.0	ND	100.3	70.0	130.0	ND	102.6	104.7	70.0	130.0	2.0	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	15.72	20.0	ND	181.05	181.22	200.0	ND	78.6	69.0	125.0	ND	90.5	90.6	69.0	125.0	0.1	26.0						
1,2,4-trichlorobenzene	0.25	0.31	18.94	20.0	ND	203.10	206.42	200.0	0.31	94.7	74.0	124.0	ND	101.6	103.2	74.0	124.0	1.6	20.0						
hexachlorobutadiene	0.46	0.59	16.89	20.0	ND	178.71	183.85	200.0	0.59	84.5	67.0	131.0	ND	89.4	91.9	67.0	131.0	2.8	26.0						
naphthalene	0.48	ND	16.37	20.0	12.44	190.70	192.09	200.0	ND	81.9	69.0	126.0	12.4	89.1	89.8	69.0	126.0	0.7	24.0						
1,2,3-trichlorobenzene	0.33	0.70	20.21	20.0	ND	212.59	215.09	200.0	0.70	101.1	60.0	137.0	ND	106.3	107.5	60.0	137.0	1.2	33.0						
Surrogates																									
dibromofluoromethane		24.50	24.44	25.0	23.42	24.60	24.29	25.0	98.0	97.8	86	118	93.7	98.4	97.2										
1,2-dichloroethane-d4		24.58	24.63	25.0	23.82	24.62	24.09	25.0	98.3	98.5	80	120	95.3	98.5	96.4										
toluene-d8		27.00	26.77	25.0	26.20	26.66	26.69	25.0	108.0	107.1	88	110	104.8	106.6	106.8										
p-bromofluorobenzene		28.17	26.73	25.0	26.86	26.93	26.89	25.0	112.7	106.9	86	115	107.4	107.7	107.6										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit
ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable
DF=Dilution Factor

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG86020	Run Date:	10/19/00	Sample Num:	10332-02	LCS DF:	1
Method:	8260B	Instrument ID:	HPMS2	Sample FLNM:	2M39560.D	Sample DF:	1
Matrix:	WATER	BLK FLNM:	2M39553.D	MS FLNM:	2M39561.D	MS DF:	1
Units:	ug/L	LCS FLNM:	2M39554.D	MSD FLNM:	2M39562.D	MSD DF:	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	21.42	20.0	ND	13.90	5.85	20.0	ND	107.1	10.0	153.0	ND	69.5	29.3	10.0	153.0	81.5	42.0						H
chloromethane	0.56	ND	23.47	20.0	ND	17.49	14.70	20.0	ND	117.4	49.0	129.0	ND	87.5	73.5	49.0	129.0	17.3	30.0						
vinyl chloride	0.48	ND	19.11	20.0	ND	12.62	8.97	20.0	ND	95.6	57.0	135.0	ND	63.1	44.9	57.0	135.0	33.8	30.0					L	H
bromomethane	0.25	ND	21.71	20.0	ND	15.01	13.58	20.0	ND	108.6	58.0	140.0	ND	75.1	67.9	58.0	140.0	10.0	39.0						
chloroethane	0.22	ND	19.61	20.0	ND	14.58	12.86	20.0	ND	98.1	69.0	126.0	ND	72.9	64.3	69.0	126.0	12.5	27.0					L	
trichlorofluoromethane	0.46	ND	20.10	20.0	ND	13.08	8.83	20.0	ND	100.5	67.0	152.0	ND	65.4	44.2	67.0	152.0	38.8	22.0				L	L	H
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	21.05	20.0	ND	21.74	20.95	20.0	ND	105.3	40.0	142.0	ND	108.7	104.8	40.0	142.0	3.7	40.0						
1,1-dichloroethene	0.27	ND	20.12	20.0	ND	14.26	11.33	20.0	ND	100.6	81.0	130.0	ND	71.3	56.7	81.0	130.0	22.9	18.0				L	L	H
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	34.37	20.0	ND	29.10	28.49	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.25	20.0	ND	18.23	17.66	20.0	ND	96.3	76.0	125.0	ND	91.2	88.3	76.0	125.0	3.2	19.0						
carbon disulfide	0.15	ND	22.93	20.0	ND	17.36	17.03	20.0	ND	114.7	70.0	138.0	ND	86.8	85.2	70.0	138.0	1.9	20.0						
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	21.17	20.0	ND	21.15	21.26	20.0	ND	105.9	NA	NA	ND	105.8	106.3	NA	NA	0.5	NA						
trans-1,2-dichloroethene	0.21	ND	20.44	20.0	ND	15.81	14.34	20.0	ND	102.2	86.0	135.0	ND	79.1	71.7	86.0	135.0	9.8	16.0					L	
n-hexane	0.23	ND	21.05	20.0	ND	13.79	13.26	20.0	ND	105.3	63.0	137.0	ND	69.0	66.3	58.1	141.9	3.9	30.0						
vinyl acetate	4.43	ND	10.01	20.0	ND	10.02	10.05	20.0	ND	50.1	10.0	136.0	ND	50.1	50.3	10.0	136.0	0.3	45.0						
1,1-dichloroethane	0.18	ND	19.59	20.0	0.46	16.55	15.73	20.0	ND	98.0	84.0	127.0	0.46	80.5	76.4	84.0	127.0	5.1	15.0					L	
2-butanone	1.17	ND	22.21	20.0	ND	21.15	21.62	20.0	ND	111.1	61.0	137.0	ND	105.8	108.1	61.0	137.0	2.2	30.0						
2,2-dichloropropane	0.23	ND	19.95	20.0	ND	14.45	12.65	20.0	ND	99.8	79.0	130.0	ND	72.3	63.3	79.0	130.0	13.3	17.0					L	
cis-1,2-dichloroethene	0.14	ND	19.03	20.0	ND	16.94	16.19	20.0	ND	95.2	82.0	121.0	ND	84.7	81.0	82.0	121.0	4.5	15.0						
chloroform	0.19	ND	20.15	20.0	ND	17.71	16.97	20.0	ND	100.8	85.0	121.0	ND	88.6	84.9	85.0	121.0	4.3	15.0						
bromochloromethane	0.19	ND	19.84	20.0	ND	18.68	18.41	20.0	ND	99.2	85.0	121.0	ND	93.4	92.1	85.0	121.0	1.5	15.0						
1,1,1-trichloroethane	0.25	ND	20.69	20.0	ND	15.09	13.29	20.0	ND	103.5	78.0	127.0	ND	75.5	66.5	78.0	127.0	12.7	17.0					L	
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	23.16	20.0	ND	16.64	14.44	20.0	ND	115.8	91.0	133.0	ND	83.2	72.2	91.0	133.0	14.2	15.0					L	
carbon tetrachloride	0.30	ND	20.25	20.0	ND	14.16	11.95	20.0	ND	101.3	70.0	130.0	ND	70.8	59.8	70.0	130.0	16.9	20.0						
1,2-dichloroethane	0.33	ND	20.04	20.0	ND	18.88	18.56	20.0	ND	100.2	78.0	128.0	ND	94.4	92.8	78.0	128.0	1.7	17.0						
benzene	0.17	ND	19.38	20.0	ND	16.33	15.58	20.0	ND	96.9	87.0	118.0	ND	81.7	77.9	87.0	118.0	4.7	15.0						
trichloroethene	0.17	ND	20.24	20.0	ND	15.91	14.48	20.0	ND	101.2	83.0	123.0	ND	79.6	72.4	83.0	123.0	9.4	15.0						
1,2-dichloropropane	0.12	ND	19.03	20.0	ND	17.33	16.83	20.0	ND	95.2	81.0	121.0	ND	86.7	84.2	81.0	121.0	2.9	15.0						
bromodichloromethane	0.25	ND	20.74	20.0	ND	19.33	18.91	20.0	ND	103.7	81.0	126.0	ND	96.7	94.6	81.0	126.0	2.2	16.0						
dibromomethane	0.19	ND	19.63	20.0	ND	18.99	18.71	20.0	ND	98.2	83.0	122.0	ND	95.0	93.6	83.0	122.0	1.5	15.0						
2-chloroethylvinyl ether	1.07	ND	0.00	20.0	ND	ND	ND	20.0	ND	0.0	45.0	154.0	ND	NA	NA	45.0	154.0	NA	46.0		L				
4-methyl-2-pentanone	1.10	ND	23.19	20.0	ND	22.56	22.29	20.0	ND	116.0	66.0	132.0	ND	112.8	111.5	66.0	132.0	1.2	33.0						
cis-1,3-dichloropropene	0.14	ND	21.86	20.0	ND	20.37	19.92	20.0	ND	109.3	82.0	124.0	ND	101.9	99.6	82.0	124.0	2.2	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	19.66	20.0	ND	16.60	16.12	20.0	ND	98.3	84.0	123.0	ND	83.0	80.6	84.0	123.0	2.9	15.0				L	L	
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	19.55	20.0	ND	18.80	18.77	20.0	ND	97.8	80.0	124.0	ND	94.0	93.9	80.0	124.0	0.2	15.0						
1,1,2-trichloroethane	0.28	ND	19.09	20.0	ND	18.42	18.61	20.0	ND	95.5	78.0	122.0	ND	92.1	93.1	78.0	122.0	1.0	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG86020	**Run Date:** 10/19/00	SMPL Num: 10332-02	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS2	SMPL FLNM: 2M39560.D	**SMPL DF:**	1
Matrix:	WATER	**BLK FLNM:** 2M39553.D	MS FLNM: 2M39561.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:** 2M39554.D	MSD FLNM: 2M39562.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS						
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	20.09	20.0	ND	20.49	20.53	20.0	ND	100.5	57.0	130.0	ND	102.5	102.7	57.0	130.0	0.2	31.0						
1,3-dichloropropane	0.16	ND	18.94	20.0	ND	18.28	18.30	20.0	ND	94.7	78.0	123.0	ND	91.4	91.5	78.0	123.0	0.1	15.0						
tetrachloroethene	0.20	ND	19.45	20.0	ND	14.81	13.54	20.0	ND	97.3	83.0	124.0	ND	74.1	67.7	83.0	124.0	9.0	15.0				L	L	
dibromochloromethane	0.29	ND	19.71	20.0	ND	18.97	18.70	20.0	ND	98.6	78.0	123.0	ND	94.9	93.5	78.0	123.0	1.4	18.0						
1,2-dibromoethane	0.15	ND	19.56	20.0	ND	19.21	19.25	20.0	ND	97.8	79.0	123.0	ND	96.1	96.3	79.0	123.0	0.2	15.0						
1-chlorohexane	0.26	ND	19.97	20.0	ND	14.69	14.86	20.0	ND	99.9	60.0	140.0	ND	73.5	74.3	60.0	140.0	1.2	NA						
chlorobenzene	0.24	ND	19.57	20.0	ND	17.36	17.21	20.0	ND	97.9	70.0	130.0	ND	86.8	86.1	87.0	118.0	0.9	15.0				L	L	
1,1,1,2-tetrachloroethane	0.25	ND	19.83	20.0	ND	18.34	18.01	20.0	ND	99.2	82.0	123.0	ND	91.7	90.1	82.0	123.0	1.8	15.0						
ethylbenzene	0.20	ND	19.52	20.0	ND	16.20	15.50	20.0	ND	97.6	85.0	121.0	ND	81.0	77.5	85.0	121.0	4.4	15.0				L	L	
m+p-xylene	0.33	ND	38.10	40.0	ND	32.77	31.53	40.0	ND	95.3	86.0	121.0	ND	81.9	78.8	86.0	121.0	3.9	15.0				L	L	
o-xylene	0.16	ND	19.67	20.0	ND	17.50	17.16	20.0	ND	98.4	85.0	121.0	ND	87.5	85.8	85.0	121.0	2.0	15.0						
styrene	0.20	ND	19.59	20.0	ND	17.83	17.79	20.0	ND	98.0	84.0	120.0	ND	89.2	89.0	84.0	120.0	0.2	15.0						
bromoform	0.45	ND	19.06	20.0	ND	18.66	18.74	20.0	ND	95.3	73.0	124.0	ND	93.3	93.7	73.0	124.0	0.4	22.0						
isopropylbenzene	0.20	ND	18.56	20.0	ND	14.92	14.24	20.0	ND	92.8	81.0	124.0	ND	74.6	71.2	81.0	124.0	4.7	15.0				L	L	
1,1,2,2-tetrachloroethane	0.39	ND	18.40	20.0	ND	18.37	18.46	20.0	ND	92.0	72.0	132.0	ND	91.9	92.3	72.0	132.0	0.5	23.0						
1,2,3-trichloropropane	0.41	ND	19.40	20.0	ND	18.67	19.01	20.0	ND	97.0	72.0	132.0	ND	93.4	95.1	72.0	132.0	1.8	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	19.05	20.0	ND	15.06	14.34	20.0	ND	95.3	82.0	125.0	ND	75.3	71.7	82.0	125.0	4.9	15.0				L	L	
bromobenzene	0.30	ND	19.19	20.0	ND	17.72	17.51	20.0	ND	96.0	84.0	120.0	ND	88.6	87.6	84.0	120.0	1.2	15.0						
1,3,5-trimethylbenzene	0.22	ND	18.85	20.0	ND	15.92	15.06	20.0	ND	94.3	82.0	125.0	ND	79.6	75.3	82.0	125.0	5.6	15.0				L	L	
2-chlorotoluene	0.30	ND	18.83	20.0	ND	15.81	15.20	20.0	ND	94.2	80.0	128.0	ND	79.1	76.0	80.0	128.0	3.9	15.0				L	L	
4-chlorotoluene	0.26	ND	19.06	20.0	ND	17.54	17.15	20.0	ND	95.3	80.0	127.0	ND	87.7	85.8	80.0	127.0	2.2	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	18.68	20.0	ND	14.94	14.09	20.0	ND	93.4	80.0	121.0	ND	74.7	70.5	80.0	121.0	5.9	15.0				L	L	
1,2,4-trimethylbenzene	0.23	ND	19.36	20.0	ND	16.79	16.32	20.0	ND	96.8	84.0	125.0	ND	84.0	81.6	84.0	125.0	2.8	15.0				L	L	
sec-butyl-benzene	0.33	ND	18.12	20.0	ND	13.89	12.95	20.0	ND	90.6	80.0	125.0	ND	69.5	64.8	80.0	125.0	7.0	15.0				L	L	
p-isopropyl-toluene	0.33	ND	18.67	20.0	ND	14.82	14.07	20.0	ND	93.4	79.0	133.0	ND	74.1	70.4	79.0	133.0	5.2	15.0				L	L	
1,3-dichlorobenzene	0.32	ND	18.88	20.0	ND	17.00	16.95	20.0	ND	94.4	70.0	130.0	ND	85.0	84.8	70.0	130.0	0.3	15.0						
1,4-dichlorobenzene	0.38	ND	18.99	20.0	ND	17.57	17.28	20.0	ND	95.0	70.0	130.0	ND	87.9	86.4	70.0	130.0	1.7	15.0						
n-butyl-benzene	0.37	ND	18.64	20.0	ND	14.62	13.65	20.0	ND	93.2	78.0	128.0	ND	73.1	68.3	78.0	128.0	6.9	17.0				L	L	
1,2-dichlorobenzene	0.37	ND	19.14	20.0	ND	17.87	18.03	20.0	ND	95.7	70.0	130.0	ND	89.4	90.2	70.0	130.0	0.9	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	17.61	20.0	ND	17.49	17.47	20.0	ND	88.1	69.0	125.0	ND	87.5	87.4	69.0	125.0	0.1	26.0						
1,2,4-trichlorobenzene	0.25	0.45	17.48	20.0	ND	16.36	16.35	20.0	0.45	87.4	74.0	124.0	ND	81.8	81.8	74.0	124.0	0.1	20.0						
hexachlorobutadiene	0.46	ND	17.52	20.0	ND	13.36	12.65	20.0	ND	87.6	67.0	131.0	ND	66.8	63.3	67.0	131.0	5.5	26.0				L	L	
naphthalene	0.48	1.14	16.95	20.0	ND	16.83	17.33	20.0	1.14	84.8	69.0	126.0	ND	84.2	86.7	69.0	126.0	2.9	24.0						
1,2,3-trichlorobenzene	0.33	0.72	17.15	20.0	ND	16.13	16.57	20.0	0.72	85.8	60.0	137.0	ND	80.7	82.9	60.0	137.0	2.7	33.0						
Surrogates																									
dibromofluoromethane		21.94	22.24	25.0	24.02	24.17	23.85	25.0	87.8	89.0	86	118	96.1	96.7	95.4										
1,2-dichloroethane-d4		22.12	22.34	25.0	23.70	23.77	23.89	25.0	88.5	89.4	80	120	94.8	95.1	95.6										
toluene-d8		22.94	22.71	25.0	25.81	25.15	25.24	25.0	91.8	90.8	88	110	103.2	100.6	101.0										
p-bromofluorobenzene		23.00	22.71	25.0	24.99	25.09	25.07	25.0	92.0	90.8	86	115	100.0	100.4	100.3										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit
ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable
DF=Dilution Factor

GC/MS QA-QC Check Report

Tune File : D:\HPCHEM\1\DATA\101600\9M12876.D
Tune Time : 16 Oct 2000 14:11

Daily Calibration File : D:\HPCHEM\1\DATA\101600\9M12877.D

						Internal Standard Responses		
						919625	759798	466550
File	Sample	Surrogate Recovery %						
9M12877.D	WG85809-	99	99	102	104	919625	759798	466550
9M12878.D	WG85809-	104	106	103	110	812582	644081	358683
9M12879.D	WG85809-	100	102	102	104	844815	688439	436924
9M12880.D	L0010192	100	101	104	110	807864	629105	348305
9M12881.D	L0010192	103	110	105	112	713758	579727	324121
9M12882.D	L0010205	99	109	94	106	807612	753859	476209
9M12883.D	L0010205	101	106	94	106	847729	761390	474516
9M12884.D	L0010205	99	101	95	106	916639	795919	485798
9M12885.D	L0010205	99	99	96	105	948723	803857	492079
9M12886.D	L0010205	103	104	99	100	832258	695968	514099
9M12887.D	L0010212	105	109	102	104	724896	583155	359329
9M12888.D	L0010212	101	112	93	106	690206	660220	423253
9M12889.D	L0010212	96	106	95	113	714763	696686	440965
9M12890.D	L0010212	103	101	97	109	935626	820571	474009
9M12891.D	L0010212	99	98	98	111	960536	831748	467389
9M12892.D	L0010212	99	96	98	107	902720	759381	438751
9M12893.D	L0010028	102	101	98	103	834925	707026	452912
9M12894.D	L0010028	103	103	97	105	906663	792722	488393
9M12895.D	L0010028	98	95	98	108	1003908	857287	482298
9M12896.D	L0010028	100	96	97	107	983546	838419	485387
9M12897.D	L0010028	100	98	100	106	992481	814562	477647
9M12898.D	SYTEM BL	101	99	100	104	954558	775561	448770
9M12899.D	tL0010310	98	96	102	107	953022	745013	431661
9M12900.D	t20PPB LC	101	99	101	107	941140	771563	456595

t - fails 12hr time check * - fails criteria

Created: Tue Oct 17 09:03:09 2000 HPMS_9

GC/MS QA-QC Check Report

Tune File : D:\HPCHEM\1\DATA\101700\9M12901.D
Tune Time : 17 Oct 2000 8:27

Daily Calibration File : D:\HPCHEM\1\DATA\101700\9M12902.D

						1093840	806070	448936
File	Sample	Surrogate Recovery %				Internal Standard Responses		
9M12902.D	WG85865-	95	92	107	108	1093835	806070	448936
9M12903.D	WG85865-	98	98	108	113	969693	689528	368601
9M12904.D	WG85865-	98	99	107	107	979642	716877	428252
9M12905.D	L0010212	100	99	101	111	880828	730526	412975
9M12906.D	L0010212	98	99	106	108	984337	724747	431226
9M12907.D	L0010212	100	101	103	108	947812	747935	428116
9M12908.D	L0010212	94	95	105	107	909756	718340	420459
9M12909.D	L0010212	98	98	107	108	1000961	737300	434954
9M12910.D	L0010212	97	96	107	108	1010009	737202	431367
9M12911.D	L0010205	101	101	107	118*	949668	683575	376886
9M12912.D	L0010205	101	104	107	121*	862377	631396	349111
9M12913.D	L0010205	101	105	102	116*	805923	624747	364568
9M12914.D	L0010304	96	103	107	115*	779963	579341	300229
9M12915.D	L0010304	99	108	107	114	743100	551580	286284
9M12916.D	L0010304	99	109	107	114	725632	543454	279178
9M12917.D	L0010304	96	108	107	116*	699197	528916	273074
9M12918.D	L0010212	98	109	109	106	686110	512994	334202
9M12919.D	L0010028	100	107	97	104	707911	590721	394612

t - fails 12hr time check * - fails criteria

Created: Wed Oct 18 08:39:33 2000 HPMS_9

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\101900\2M39549.D
Tune Time : 19 Oct 2000 7:57

Daily Calibration File : C:\HPCHEM\1\DATA\101900\2M39550.D

		DBF	DCA	TOL	BFB	FBZ	CBZ	DCB
						1481480	1121340	570480
File	Sample	Surrogate Recovery %				Internal Standard Responses		
2M39551.D	WG86008-	87	87	93	91	1508494	1142206	585930
2M39552.D	WG86008-	87	86	91	91	1423766	1102309	554419
2M39553.D	WG86020-	88	88	92	92	1456722	1094254	542845
2M39554.D	WG86020-	89	89	91	91	1395615	1073857	541325
2M39555.D	L0010247	79*	93	142*	259*	1462532	899737	490116
2M39556.D	WG86020-	84*	83	93	95	1510417	1114739	562145
2M39557.D	L0010212	86	85	95	103	1436167	1029974	492492
2M39558.D	L0010269	83*	82	93	92	1448748	1090981	550556
2M39559.D	L0010332	86*	84	93	91	1409173	1053692	539574
2M39560.D	L0010332	96	95	103	100	1374477	1024184	524415
2M39561.D	L0010332	97	95	101	100	1323574	1011304	517448
2M39562.D	L0010332	95	96	101	100	1322131	1005978	518647
2M39563.D	L0010332	97	96	101	102	1352856	1014392	505998
2M39564.D	L0010332	100	102	99	100	1329497	1010395	501381
2M39565.D	L0010332	98	99	101	100	1324292	1004477	506038
2M39566.D	L0010332	98	100	102	99	1269624	971077	494828
2M39567.D	L0010332	98	100	100	100	1303567	994209	497816
2M39568.D	L0010332	97	100	100	99	1262541	973459	496824

t - fails 12hr time check * - fails criteria

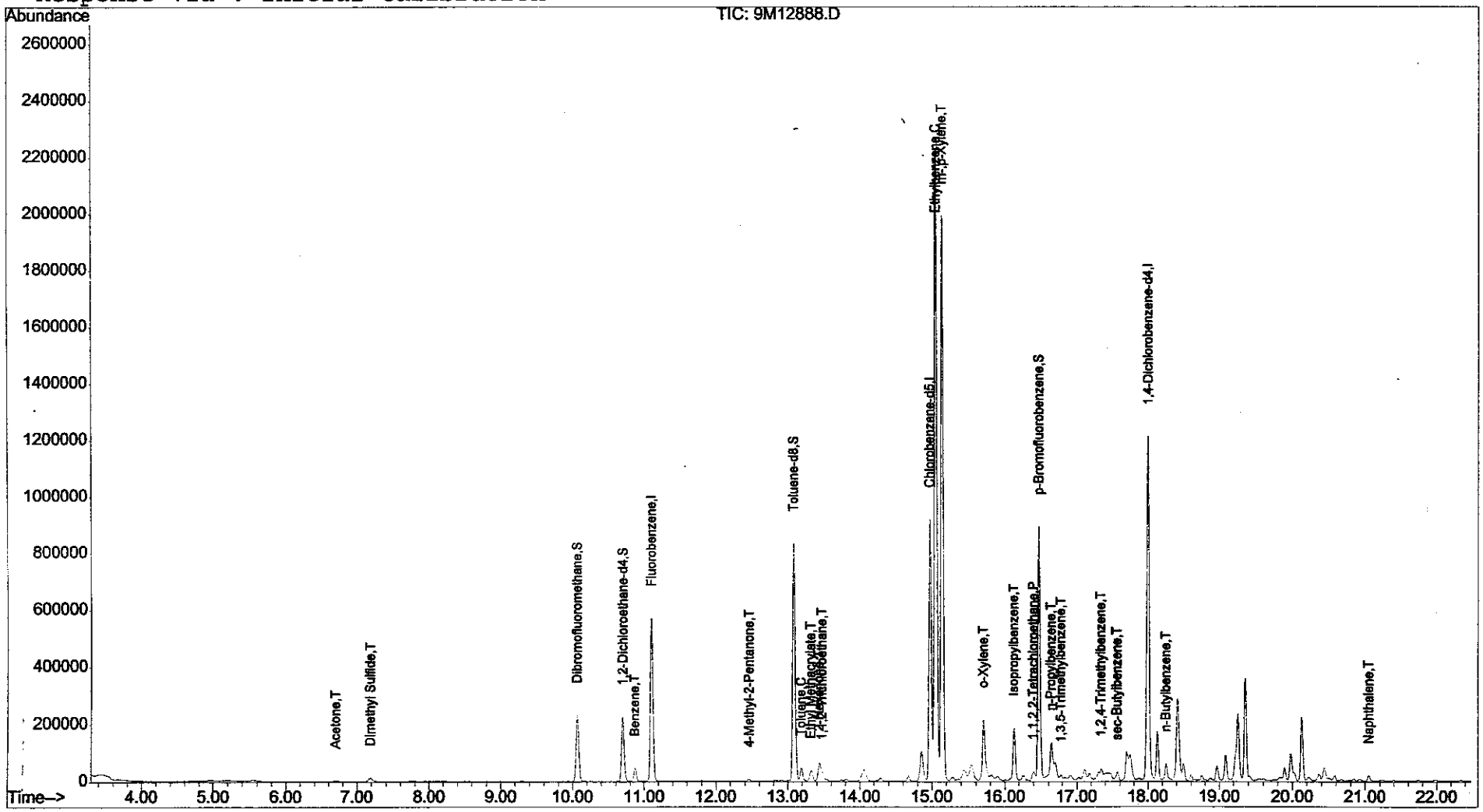
Created: Thu Oct 19 21:39:24 2000 HPMS2

2.1.1.2 Sample Data

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12888.D Vial: 13
Acq On : 16 Oct 2000 20:53 Operator: RSS
Sample : L0010212-01 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 21:15 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

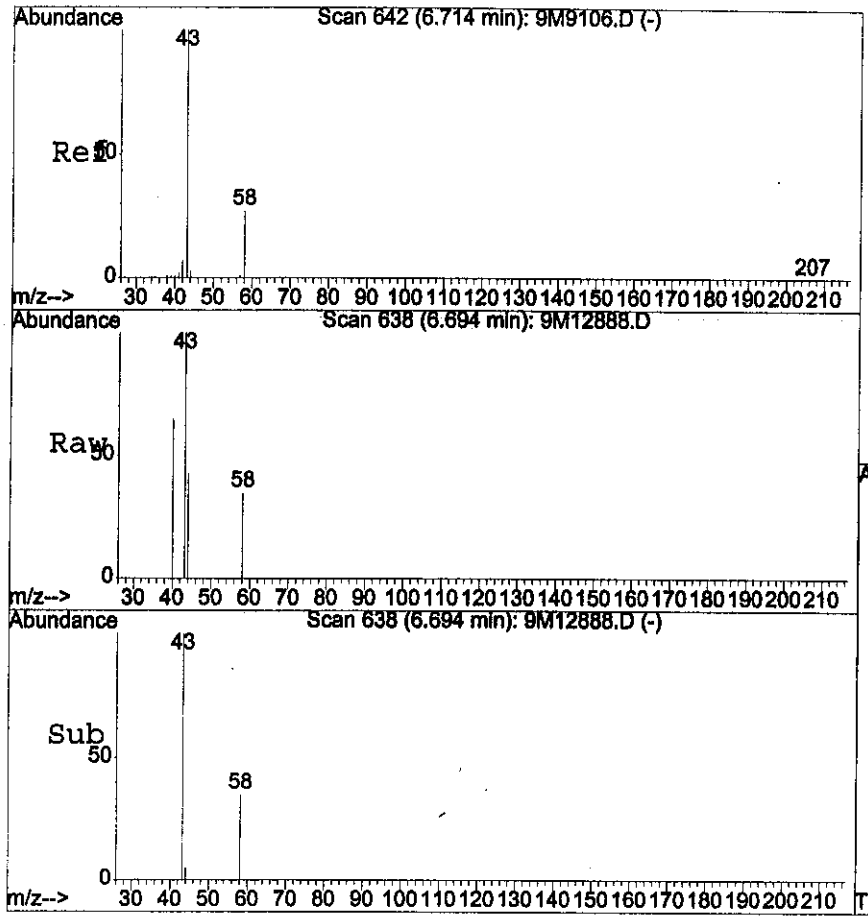
Data File : D:\HPCHEM\1\DATA\101600\9M12888.D Vial: 13
Acq On : 16 Oct 2000 20:53 Operator: RSS
Sample : L0010212-01 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 21:15 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

@10/19

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	690206	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	660220	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	423253	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	199277	25.30	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 101.20%			
33) 1,2-Dichloroethane-d4	10.70	65	215890	27.92	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 111.68%			
45) Toluene-d8	13.09	98	757452	23.20	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 92.80%			
66) p-Bromofluorobenzene	16.48	95	378490	26.44	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 105.76%			
Target Compounds						Qvalue
11) Acetone	6.69	43	8527	6.65	ug/L #	48
13) Dimethyl Sulfide	7.19	62	12340	1.70	ug/L	81
35) Benzene	10.87	78	57390	2.02	ug/L	97
41) 4-Methyl-2-Pentanone	12.46	58	2422	1.45	ug/L #	78
46) Toluene	13.19	91	47267	1.28	ug/L	96
47) Ethyl Methacrylate	13.32	69	5814	~~0.73 ug/L #~~		1
49) 1,1,2-Trichloroethane	13.48	97	15641	~~2.23 ug/L #~~		12
50) 2-Hexanone	13.43	43	66490	~~21.54 ug/L #~~		30
58) Ethylbenzene	15.05	106	710329	49.99 ug/L		98
59) m-,p-Xylene	15.14	106	796974	42.30 ug/L		98
60) o-Xylene	15.71	106	73590	3.70 ug/L		97
63) Isopropylbenzene	16.13	105	160060	3.04 ug/L		100
65) 1,1,2,2-Tetrachloroethane	16.40	83	3956	~~0.52 ug/L #~~		73
69) n-Propylbenzene	16.64	91	121149	1.82 ug/L		97
71) 1,3,5-Trimethylbenzene	16.78	105	16716	0.35 ug/L #		71
76) 1,2,4-Trimethylbenzene	17.35	105	23705	0.57 ug/L		98
77) sec-Butylbenzene	17.56	105	24526	0.49 ug/L		99
81) n-Butylbenzene	18.25	91	14611	0.38 ug/L #		1
86) Naphthalene	21.05	128	19559	0.83 ug/L		99

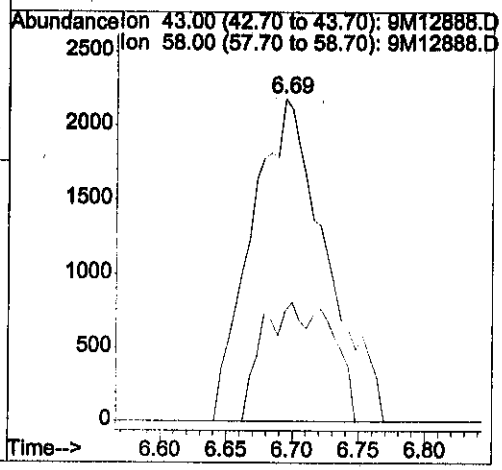
(#) = qualifier out of range (m) = manual integration

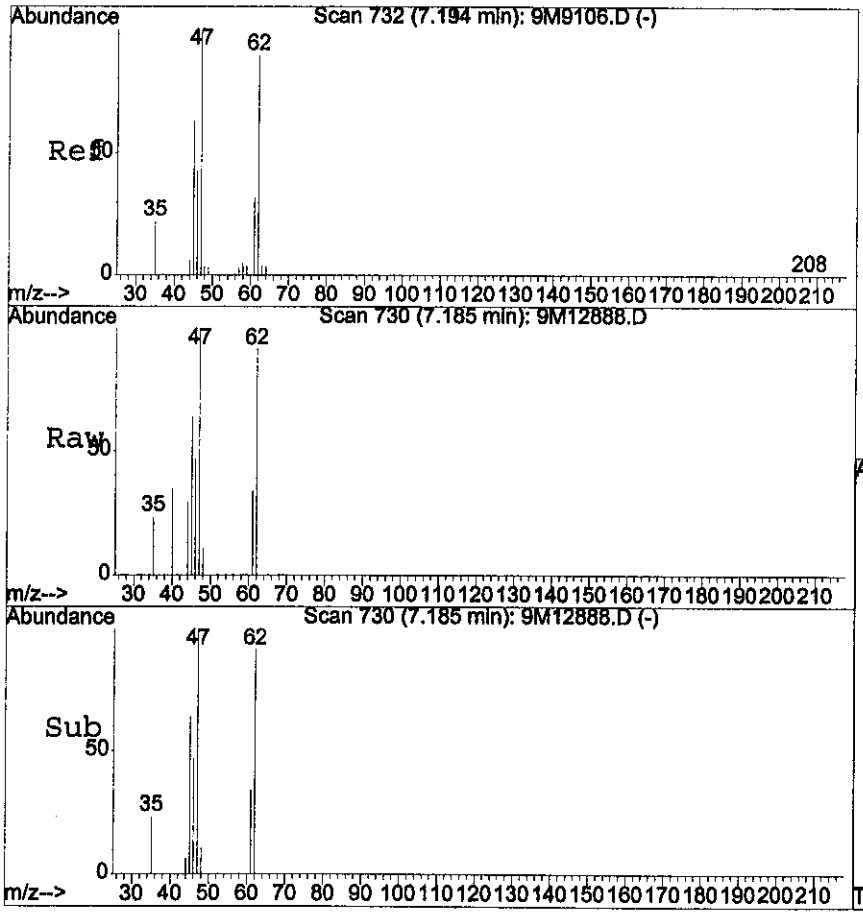


#11
Acetone
Concen: 6.65 ug/L
RT: 6.69 min Scan# 638
Delta R.T. -0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 43 Resp: 8527

Ion	Ratio	Lower	Upper
43	100		
58	3.6	26.6	39.8#

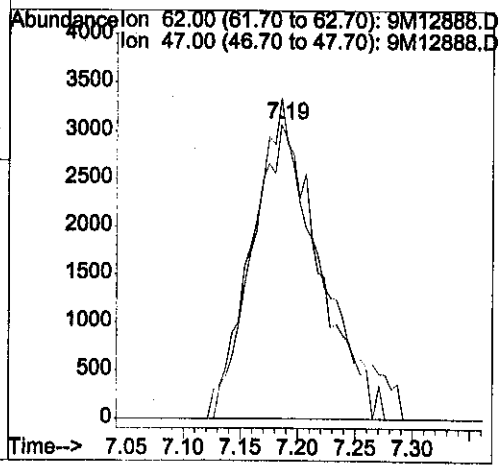


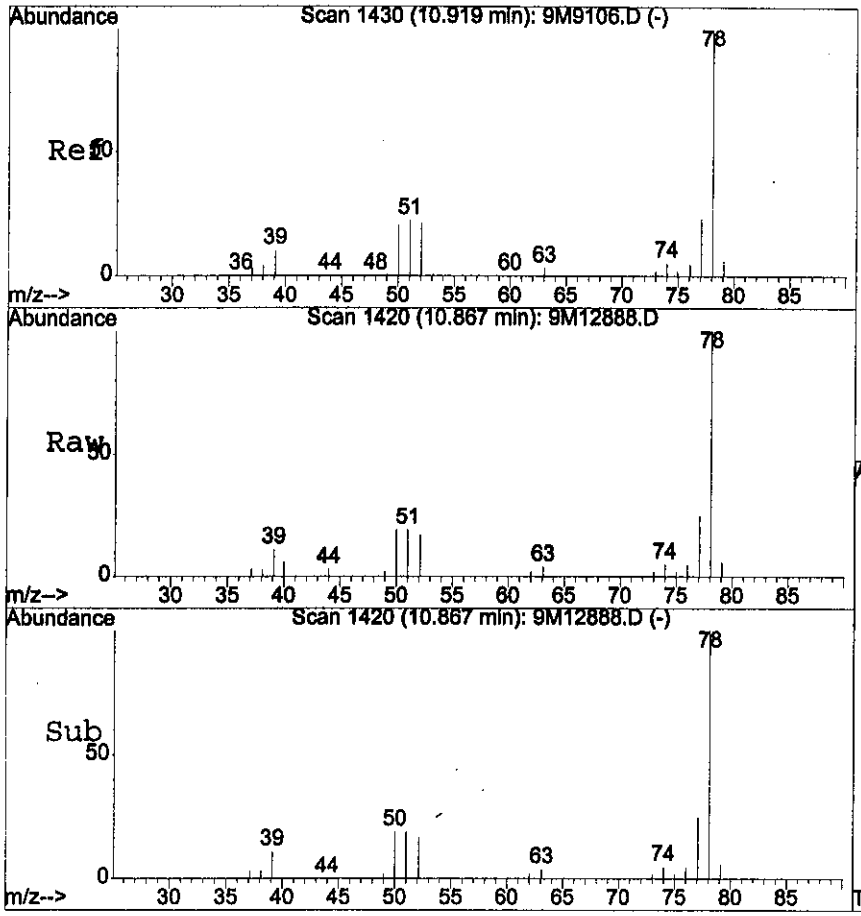


#13
Dimethyl Sulfide
Concen: 1.70 ug/L
RT: 7.19 min Scan# 730
Delta R.T. 0.03 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 62 Resp: 12340

Ion	Ratio	Lower	Upper
62	100		
47	113.8	76.4	114.6

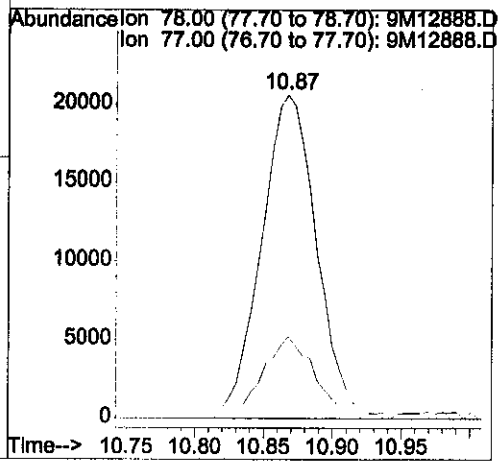


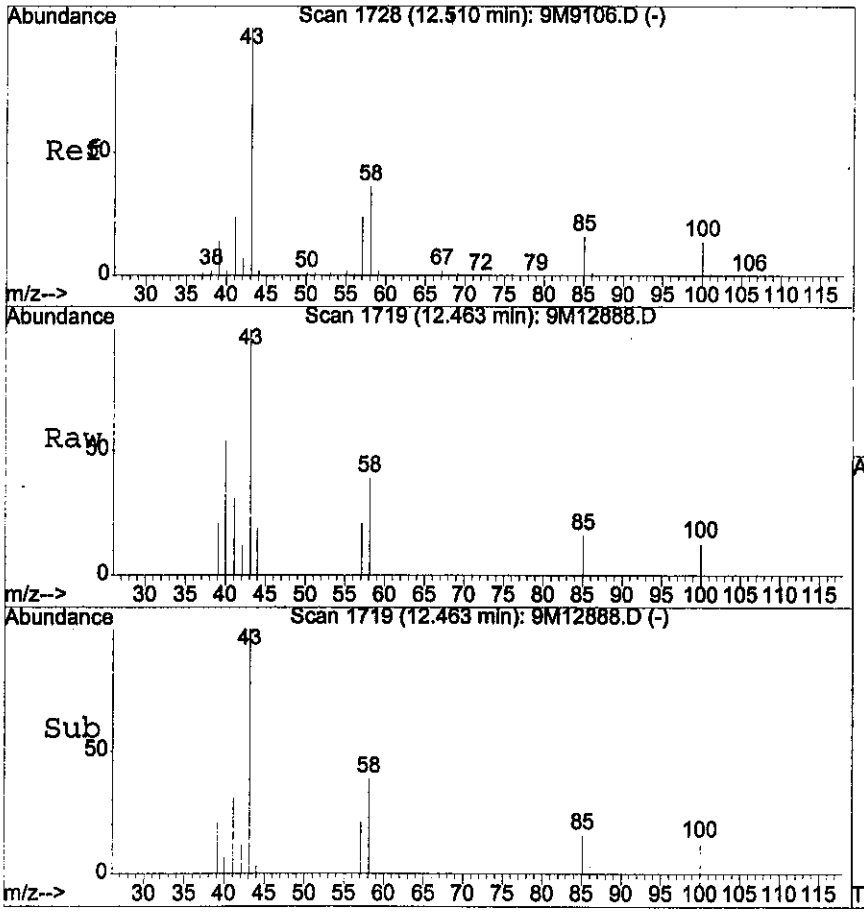


#35
Benzene
Concen: 2.02 ug/L
RT: 10.87 min Scan# 1420
Delta R.T. 0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 78 Resp: 57390

Ion	Ratio	Lower	Upper
78	100		
77	23.9	17.8	26.6

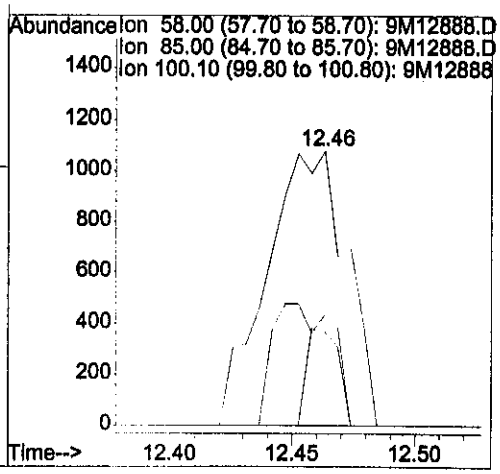


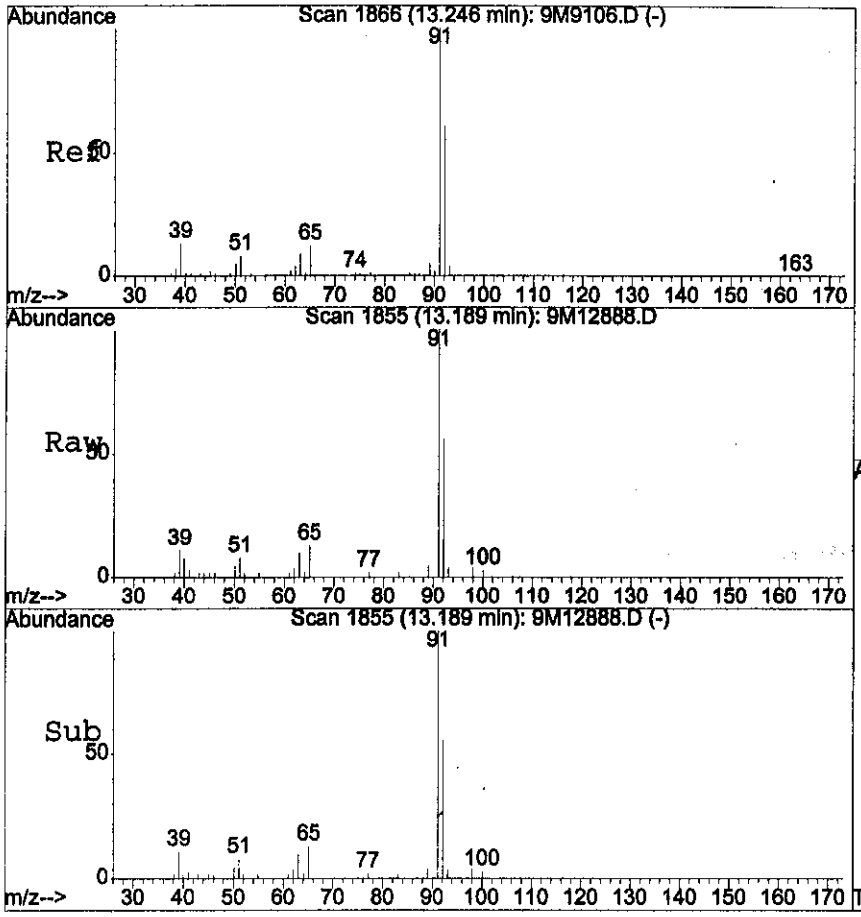


#41
4-Methyl-2-Pentanone
Concen: 1.45 ug/L
RT: 12.46 min Scan# 1719
Delta R.T. 0.01 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 58 Resp: 2422

Ion	Ratio	Lower	Upper
58	100		
85	33.4	31.8	47.6
100	14.0	27.8	41.8#

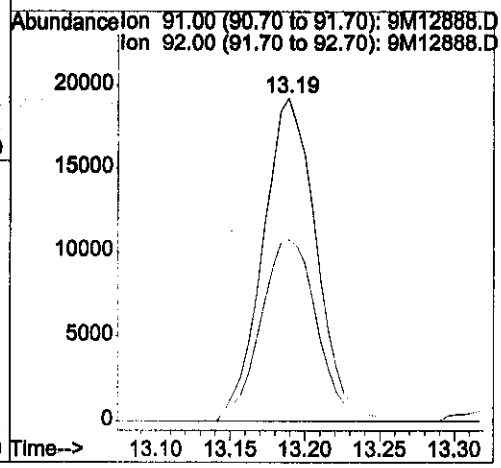


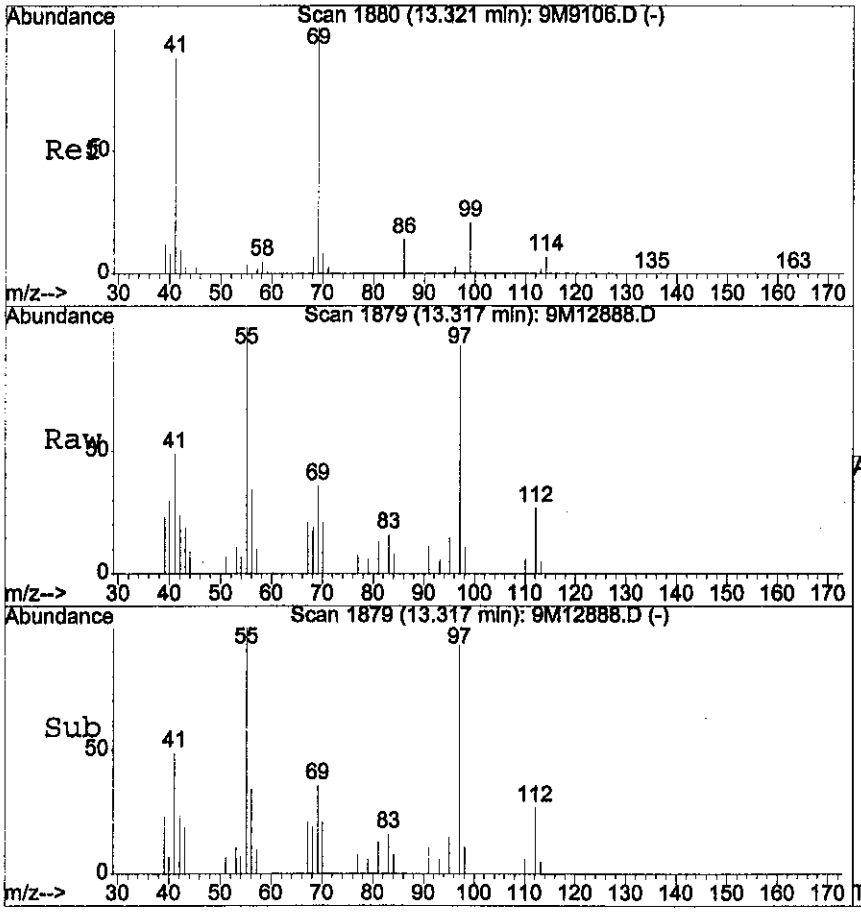


#46
Toluene
Concen: 1.28 ug/L
RT: 13.19 min Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 91 Resp: 47267

Ion	Ratio	Lower	Upper
91	100		
92	58.1	48.7	73.1

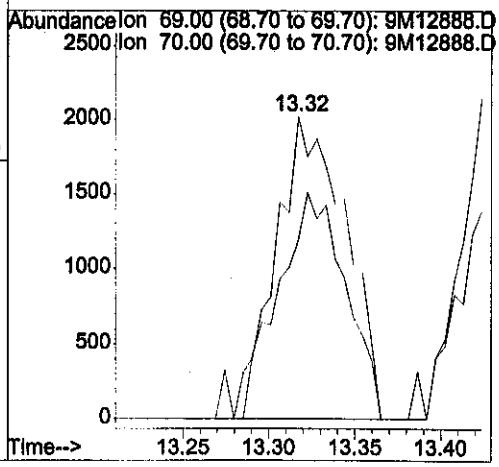


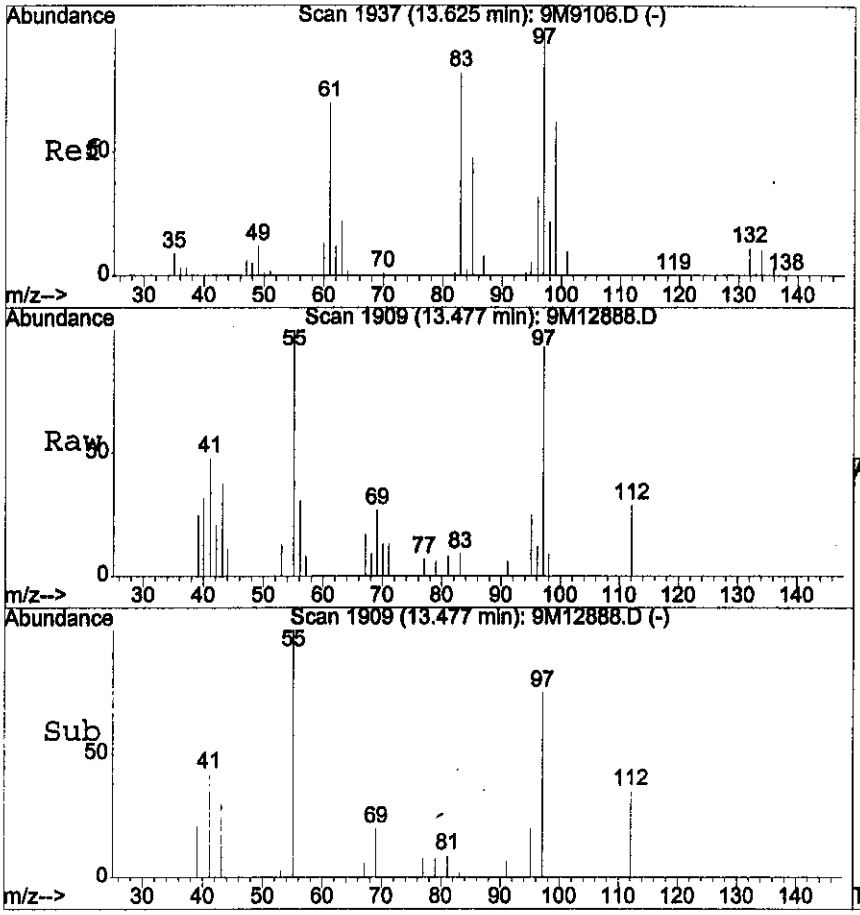


#47
Ethyl Methacrylate
Concen: 0.73 ug/L
RT: 13.32 min Scan# 1879
Delta R.T. 0.05 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 69 Resp: 5814

Ion	Ratio	Lower	Upper
69	100		
70	70.2	6.4	9.6#

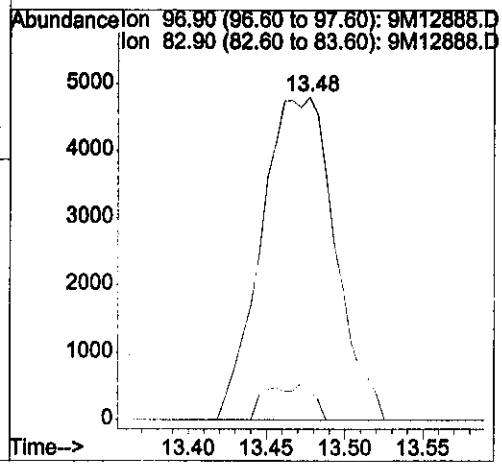


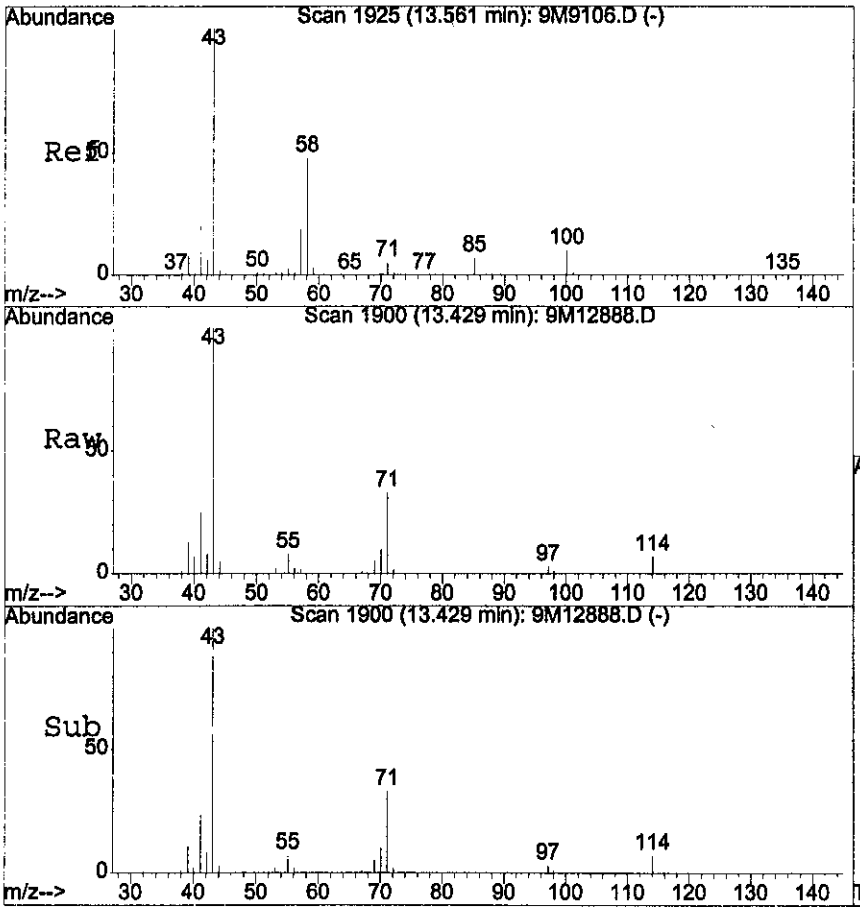


#49
1,1,2-Trichloroethane
Concen: 2.23 ug/L
RT: 13.48 min Scan# 1909
Delta R.T. -0.09 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 97 Resp: 15641

Ion	Ratio	Lower	Upper
97	100		
83	4.4	67.3	100.9#

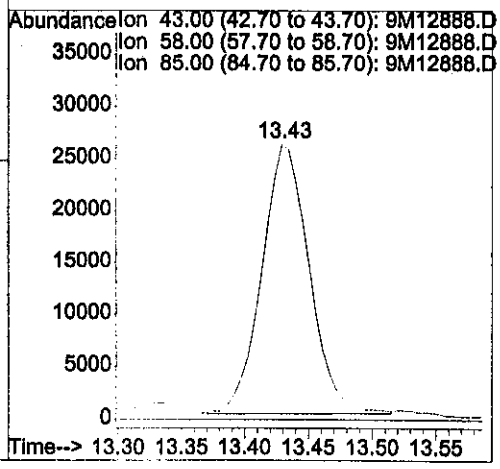


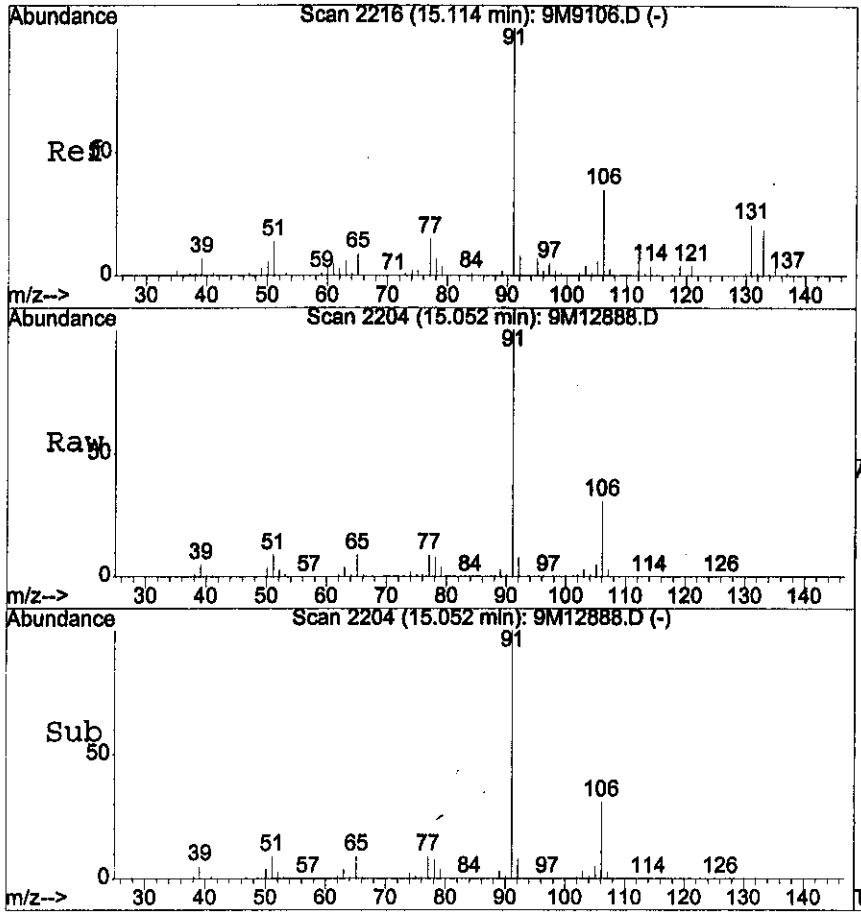


#50
2-Hexanone
Concen: 21.54 ug/L
RT: 13.43 min Scan# 1900
Delta R.T. -0.08 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 43 Resp: 66490

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#

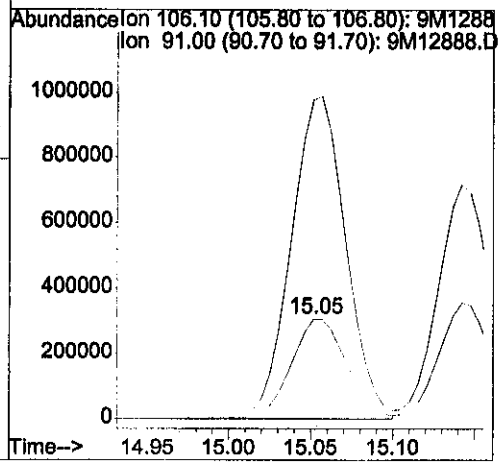


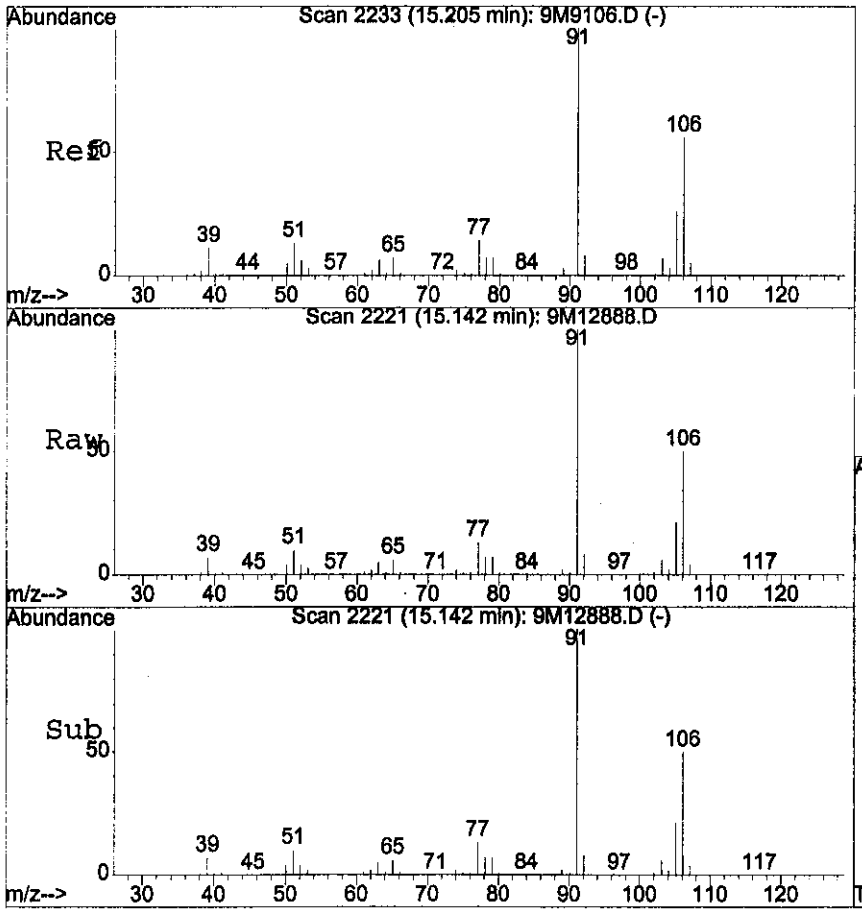


#58
Ethylbenzene
Concen: 49.99 ug/L
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:106 Resp: 710329

Ion	Ratio	Lower	Upper
106	100		
91	320.3	252.8	379.2

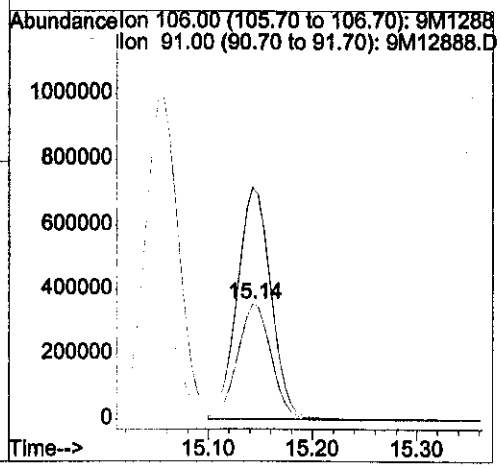


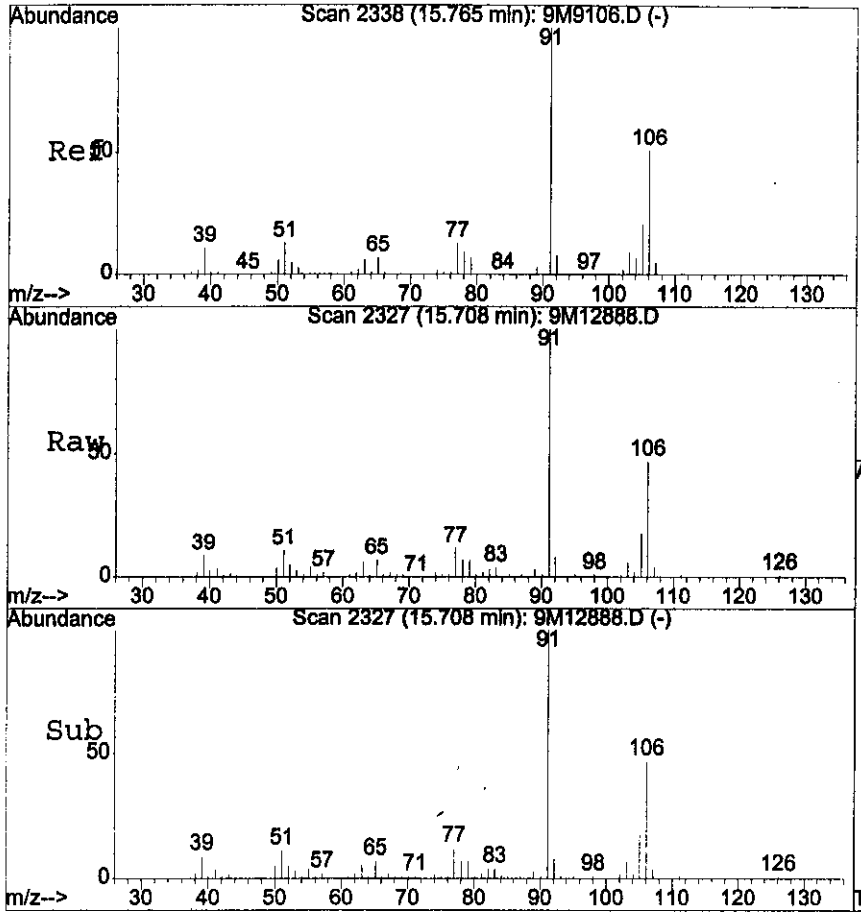


#59
m-,p-Xylene
Concen: 42.30 ug/L
RT: 15.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:106 Resp: 796974

Ion	Ratio	Lower	Upper
106	100		
91	202.0	158.8	238.2

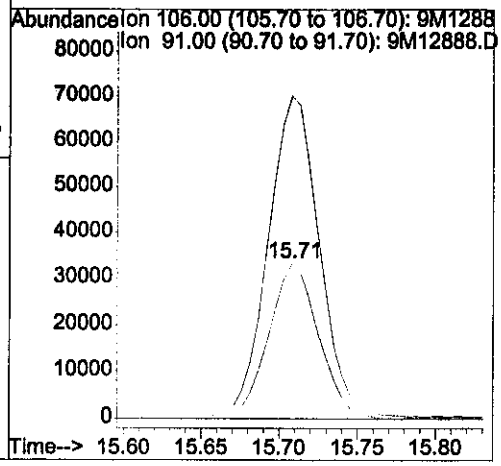


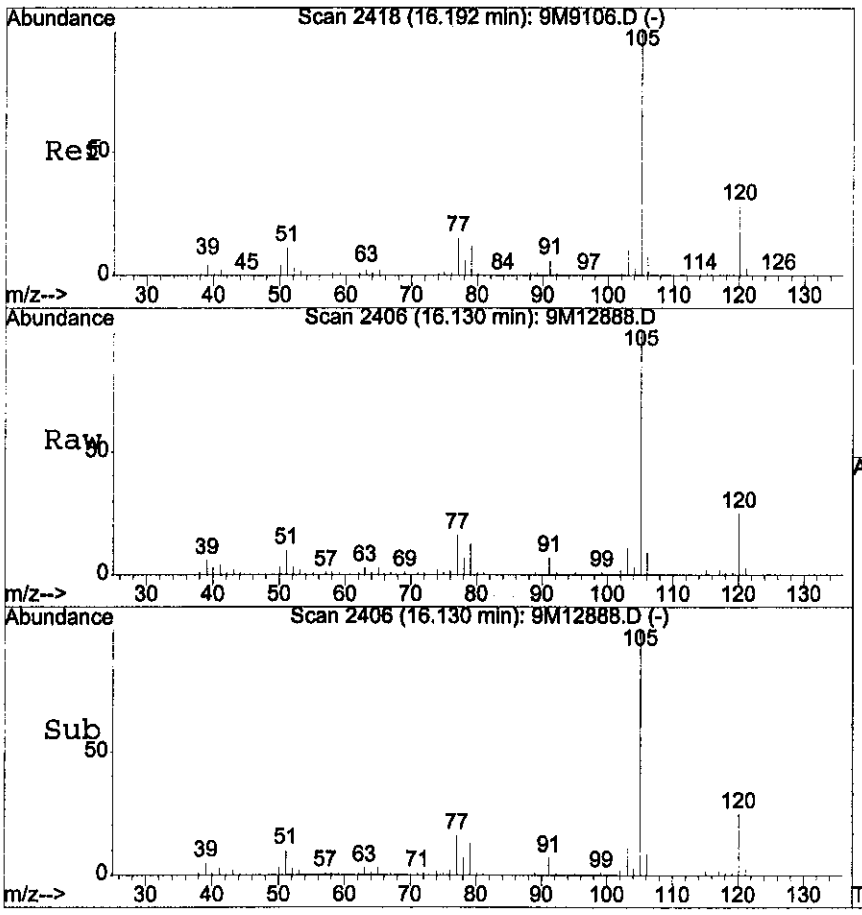


#60
o-Xylene
Concen: 3.70 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. 0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:106 Resp: 73590

Ion	Ratio	Lower	Upper
106	100		
91	216.8	169.6	254.4

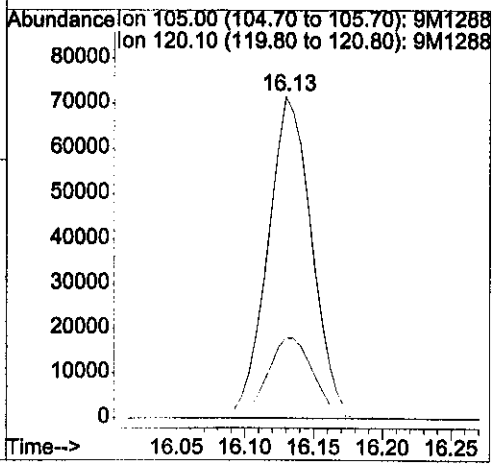


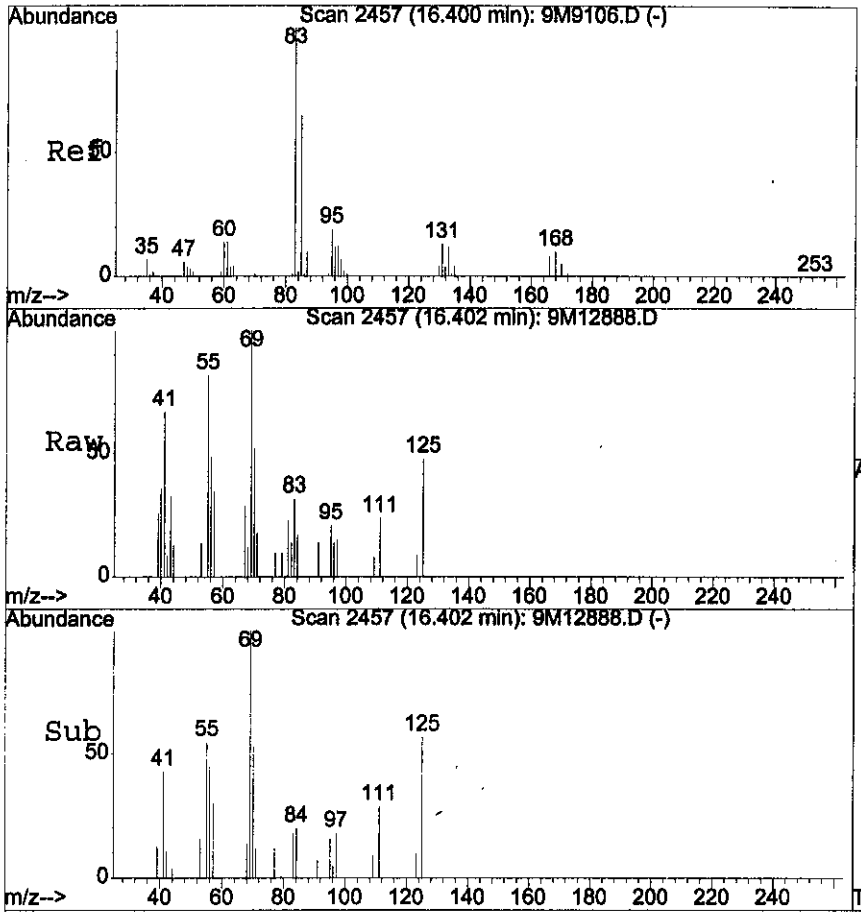


#63
Isopropylbenzene
Concen: 3.04 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:105 Resp: 160060

Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.0	31.4

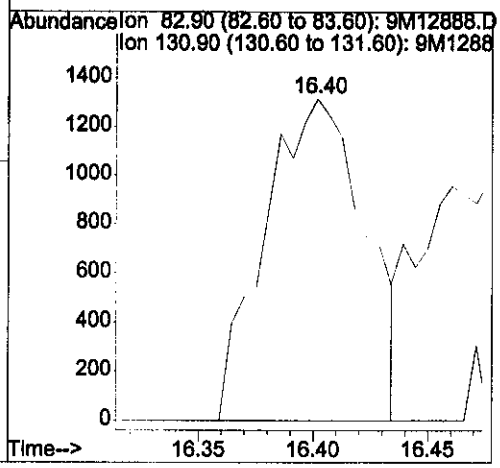


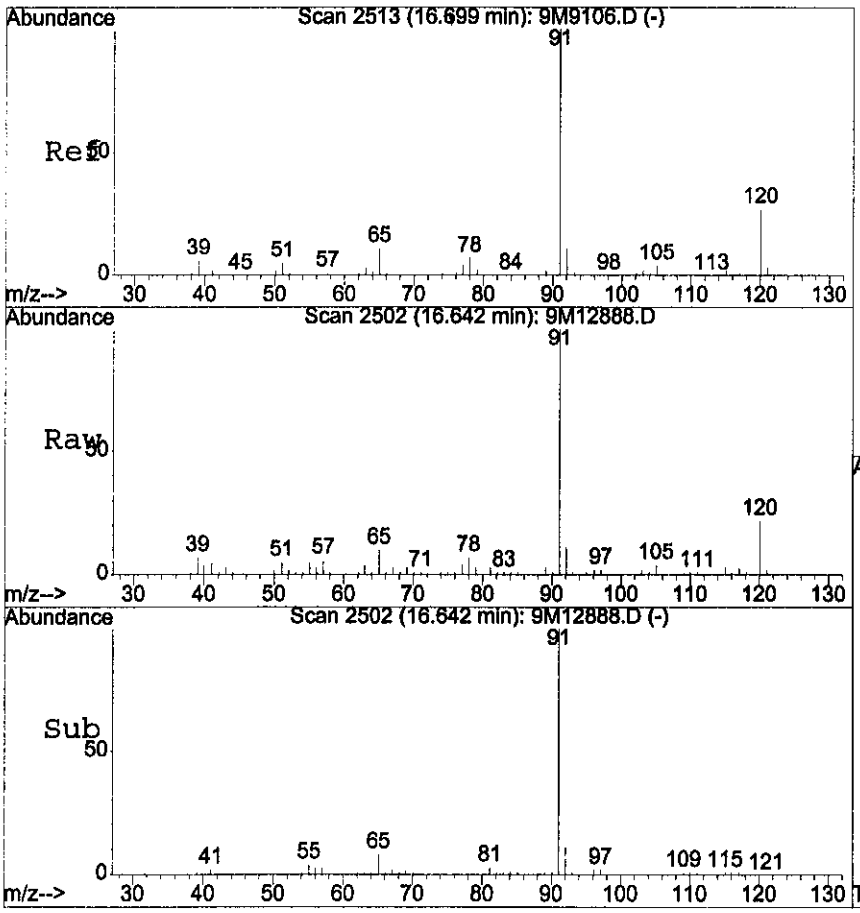


#65
1,1,2,2-Tetrachloroethane
Concen: 0.52 ug/L
RT: 16.40 min Scan# 2457
Delta R.T. 0.06 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 83 Resp: 3956

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.1	12.1#

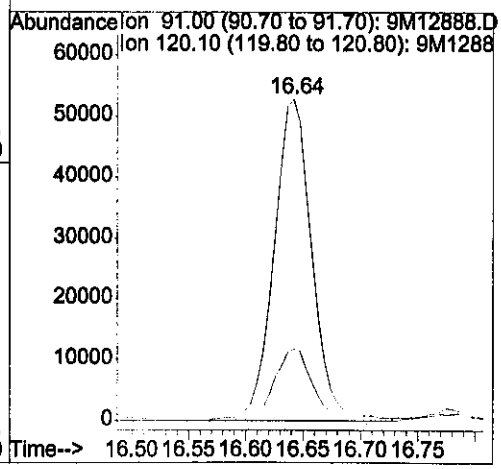


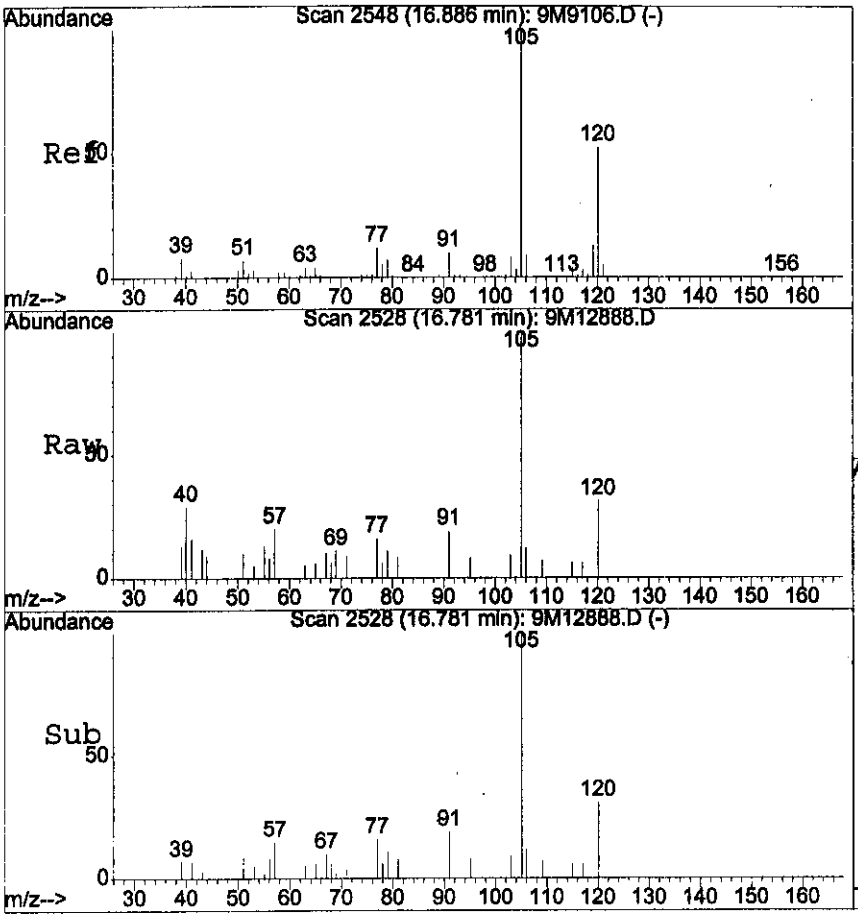


#69
n-Propylbenzene
Concen: 1.82 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 91 Resp: 121149

Ion	Ratio	Lower	Upper
91	100		
120	21.6	18.3	27.5

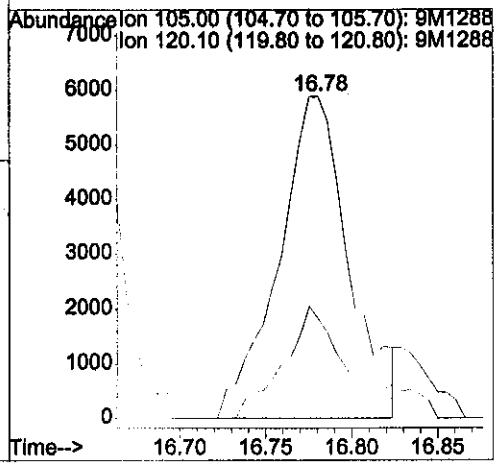


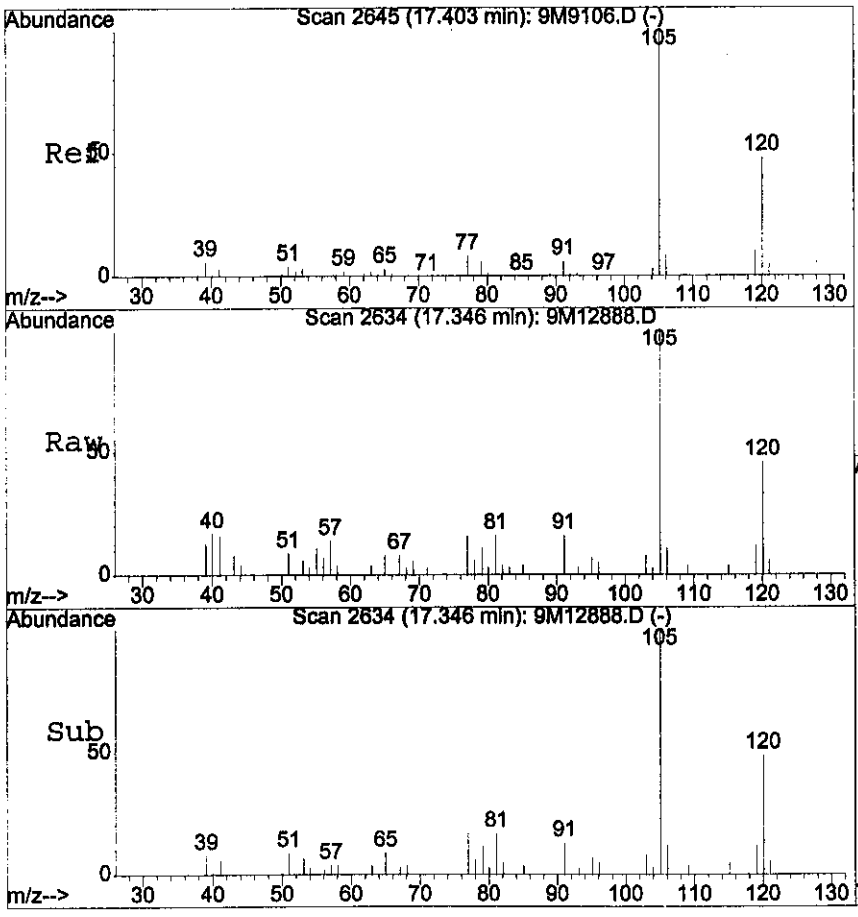


#71
1,3,5-Trimethylbenzene
Concen: 0.35 ug/L
RT: 16.78 min Scan# 2528
Delta R.T. -0.05 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:105 Resp: 16716

Ion	Ratio	Lower	Upper
105	100		
120	28.8	38.9	58.3#

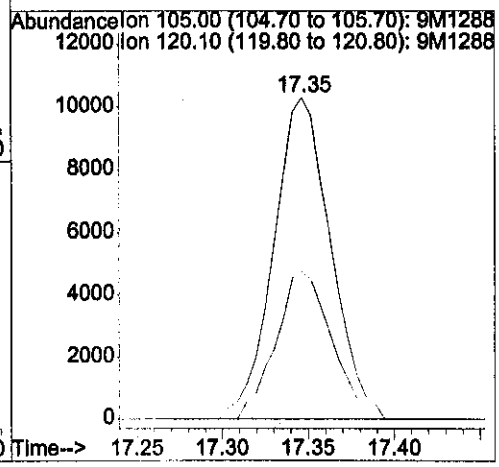


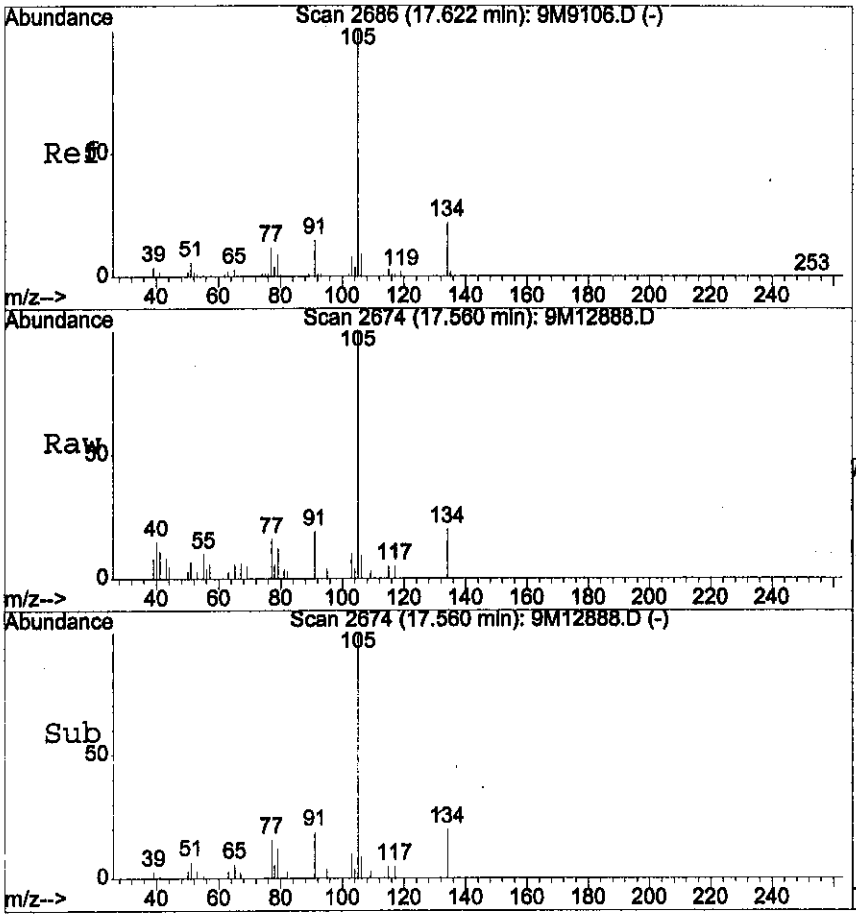


#76
1,2,4-Trimethylbenzene
Concen: 0.57 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. -0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:105 Resp: 23705

Ion	Ratio	Lower	Upper
105	100		
120	44.7	36.6	55.0

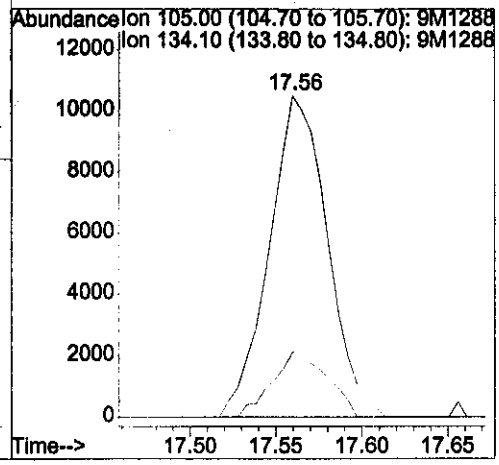


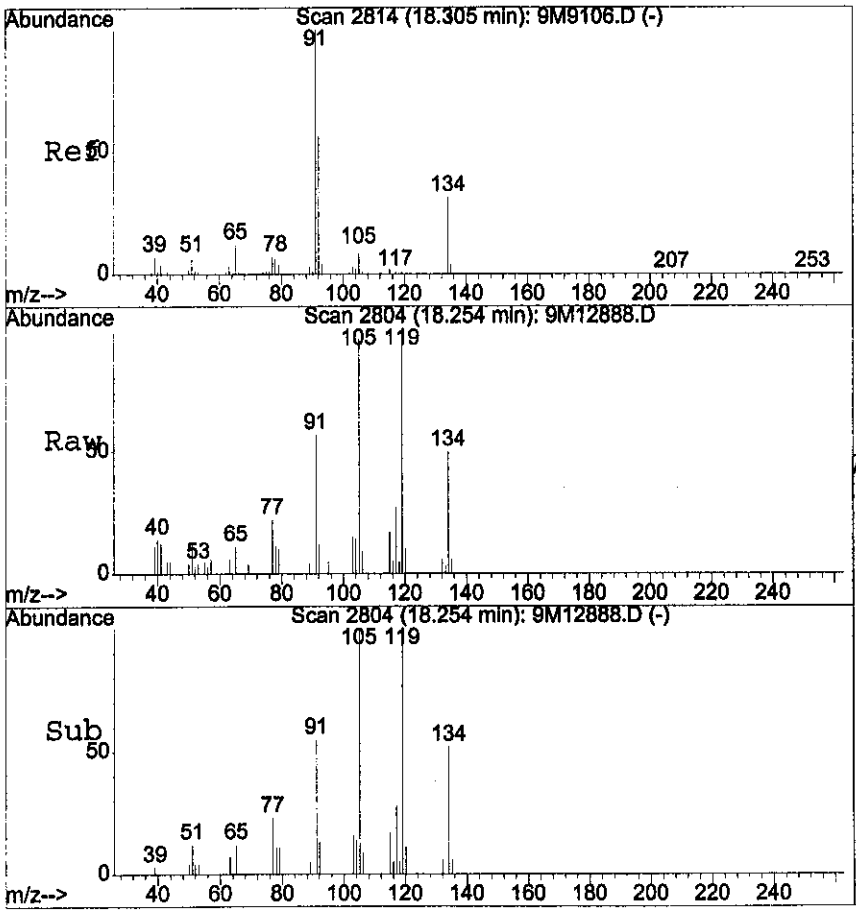


#77
sec-Butylbenzene
Concen: 0.49 ug/L
RT: 17.56 min Scan# 2674
Delta R.T. -0.01 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:105 Resp: 24526

Ion	Ratio	Lower	Upper
105	100		
134	19.1	15.8	23.8

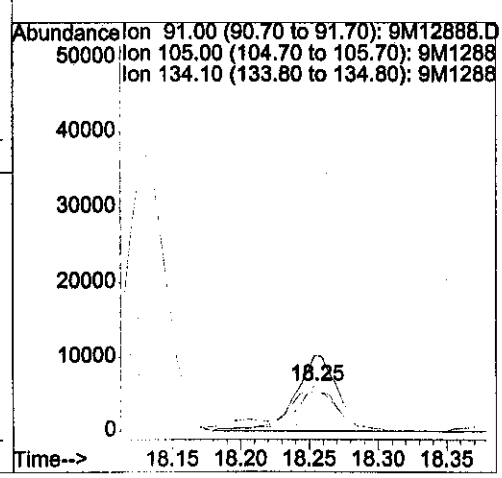


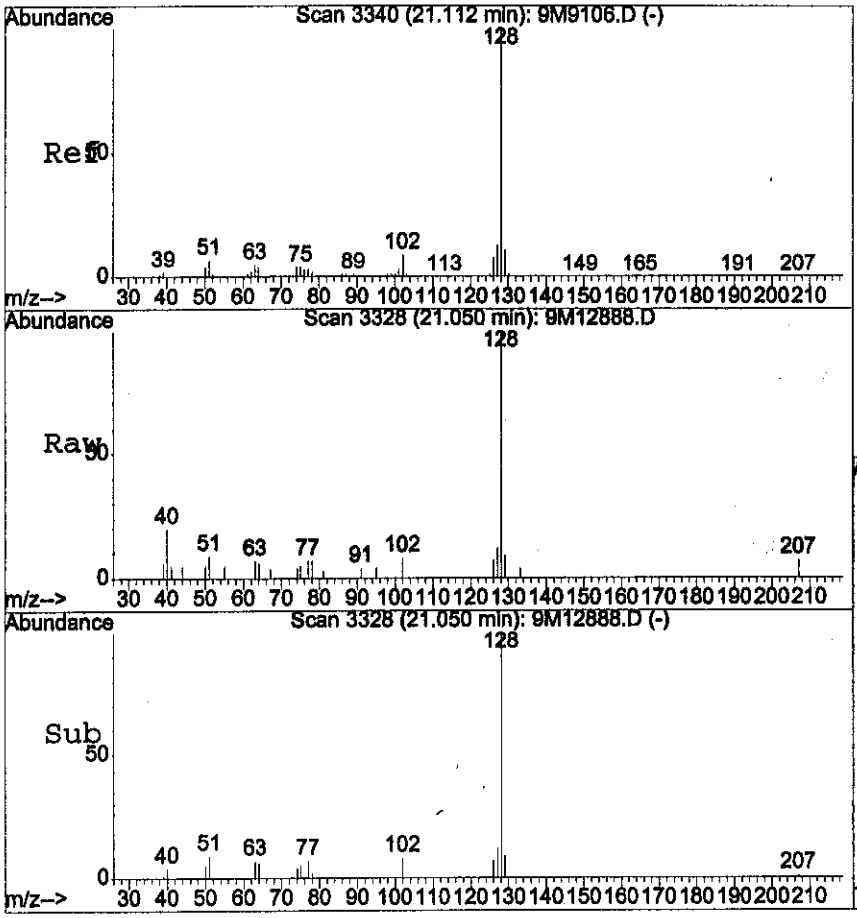


#81
n-Butylbenzene
Concen: 0.38 ug/L
RT: 18.25 min Scan# 2804
Delta R.T. 0.01 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion: 91 Resp: 14611

Ion	Ratio	Lower	Upper
91	100		
105	140.4	6.7	10.1#
134	85.8	21.0	31.6#

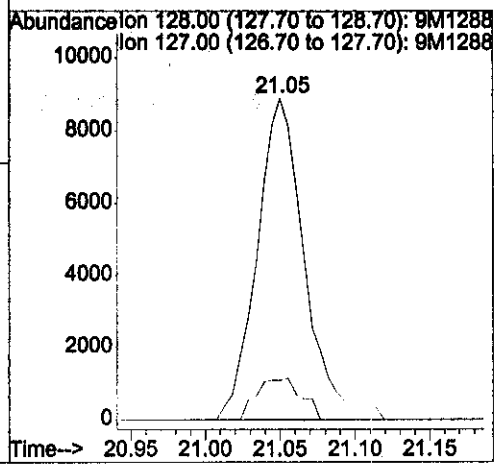




#86
Naphthalene
Concen: 0.83 ug/L
RT: 21.05 min Scan# 3328
Delta R.T. 0.00 min
Lab File: 9M12888.D
Acq: 16 Oct 2000 20:53

Tgt Ion:128 Resp: 19559

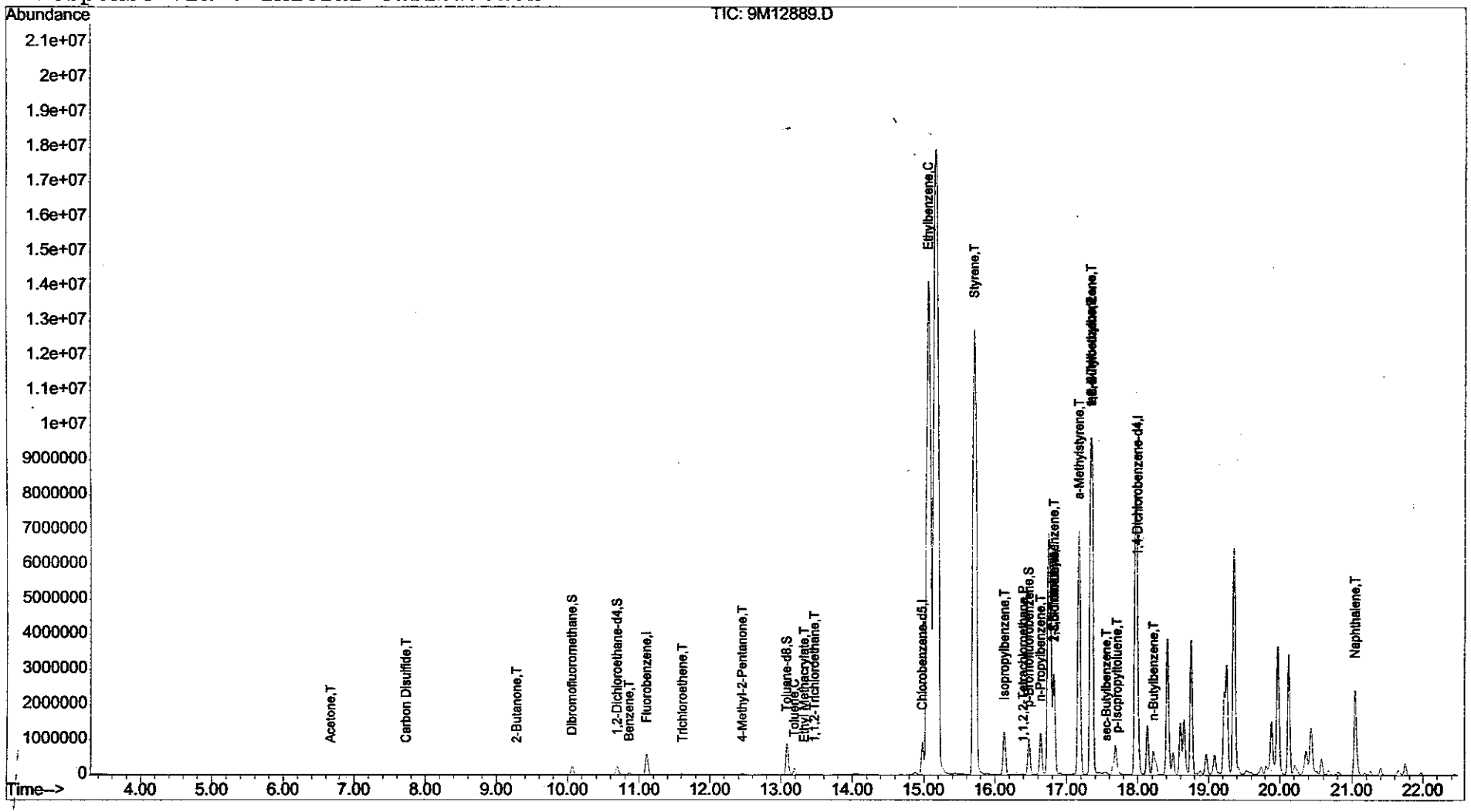
Ion	Ratio	Lower	Upper
128	100		
127	12.0	9.8	14.6



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12889.D Vial: 14
Acq On : 16 Oct 2000 21:24 Operator: RSS
Sample : L0010212-02 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:37 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

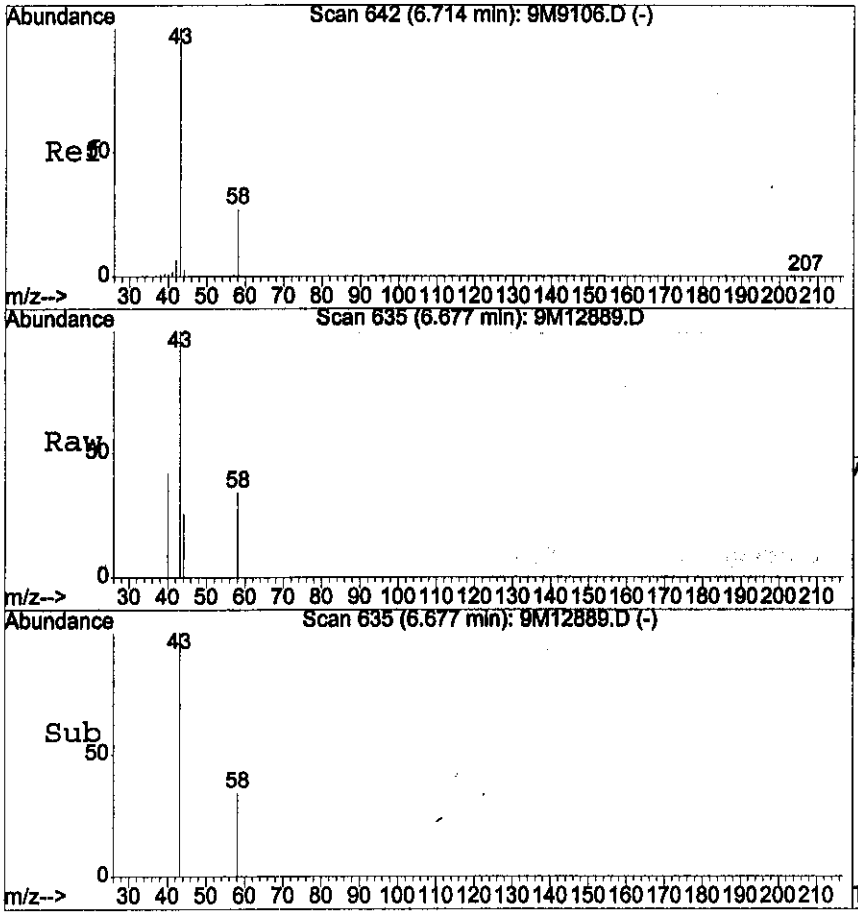
Data File : D:\HPCHEM\1\DATA\101600\9M12889.D Vial: 14
Acq On : 16 Oct 2000 21:24 Operator: RSS
Sample : L0010212-02 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 18 8:17 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Wed Oct 18 08:16:51 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	714763	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.98	117	696686	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	440965	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.06	111	195308	23.95	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 95.80%				
33) 1,2-Dichloroethane-d4	10.70	65	212900	26.59	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 106.36%				
45) Toluene-d8	13.09	98	817879	23.74	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.96%				
66) p-Bromofluorobenzene	16.48	95	421905	28.29	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 113.16%				
Target Compounds							Qvalue
11) Acetone	6.68	43	11146	8.40	ug/L		97
16) Carbon Disulfide	7.73	76	9638	0.42	ug/L	#	75
23) 2-Butanone	9.29	43	3627	2.17	ug/L	#	65
35) Benzene	10.86	78	73259	2.49	ug/L		98
36) Trichloroethene	11.62	130	1923	0.24	ug/L	#	1
41) 4-Methyl-2-Pentanone	12.46	58	13685	7.91	ug/L		96
46) Toluene	13.19	91	176619	4.54	ug/L		98
47) Ethyl Methacrylate	13.33	69	3364	0.40	ug/L	#	23
49) 1,1,2-Trichloroethane	13.48	97	10086	1.36	ug/L	#	10
58) Ethylbenzene	15.07	106	9176991	612.05	ug/L	#I	50
59) m-,p-Xylene	15.07	106	9176991	514.59	ug/L	I	90
60) o-Xylene	15.72	106	8602949	515.47	ug/L	H	76
61) Styrene	15.72	104	427882	12.10	ug/L	#	1
63) Isopropylbenzene	16.13	105	1224089	22.91	ug/L		99
65) 1,1,2,2-Tetrachloroethane	16.41	83	3331	0.42	ug/L	#	73
69) n-Propylbenzene	16.64	91	1321183	19.79	ug/L		99
71) 1,3,5-Trimethylbenzene	16.83	105	1938962	42.32	ug/L		90
72) 2-Chlorotoluene	16.83	91	198291	5.47	ug/L	#	40
74) a-Methylstyrene	17.17	118	30638	1.34	ug/L	#	1
75) tert-Butylbenzene	17.35	119	1352943	36.48	ug/L	#	52
76) 1,2,4-Trimethylbenzene	17.35	105	10602279	245.04	ug/L	NTC	92
77) sec-Butylbenzene	17.56	105	55586	1.07	ug/L		97
78) p-Isopropyltoluene	17.72	119	70529	1.30	ug/L		99
81) n-Butylbenzene	18.23	91	83527	2.08	ug/L	#	1
86) Naphthalene	21.04	128	2652352	108.41	ug/L	NTC	100

RR 10X

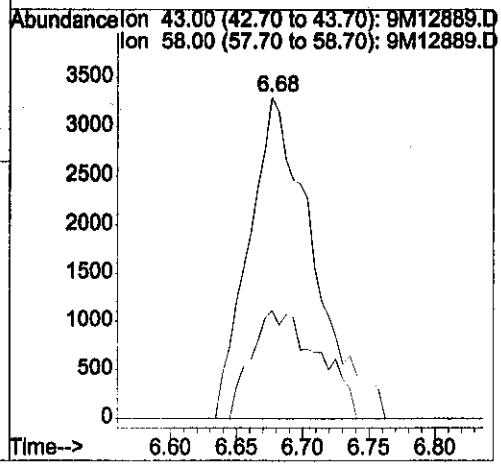
(#) = qualifier out of range (m) = manual integration

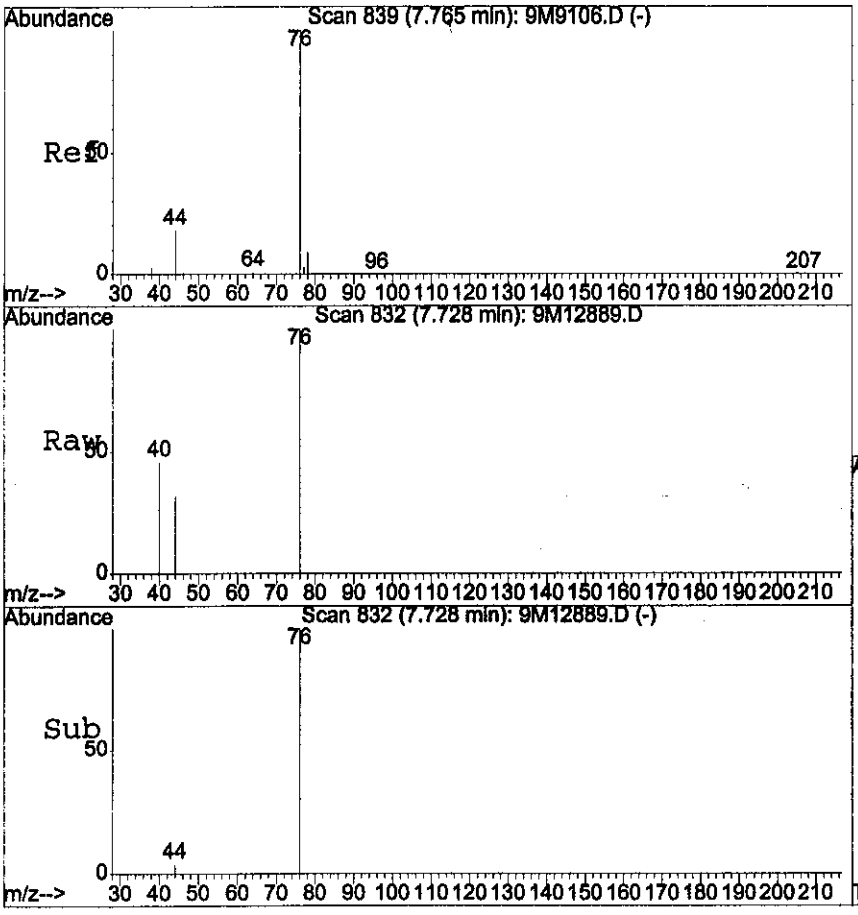


#11
Acetone
Concen: 8.40 ug/L
RT: 6.68 min Scan# 635
Delta R.T. -0.02 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 43 Resp: 11146

Ion	Ratio	Lower	Upper
43	100		
58	34.7	26.6	39.8

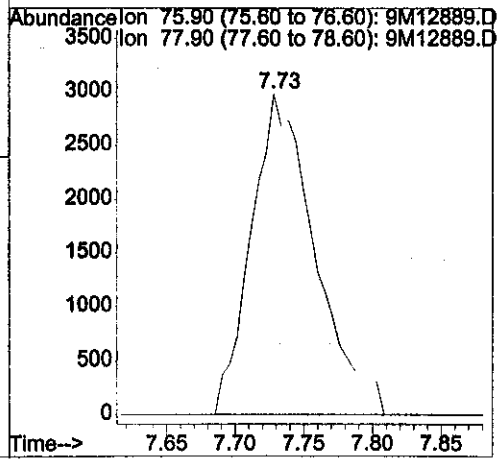


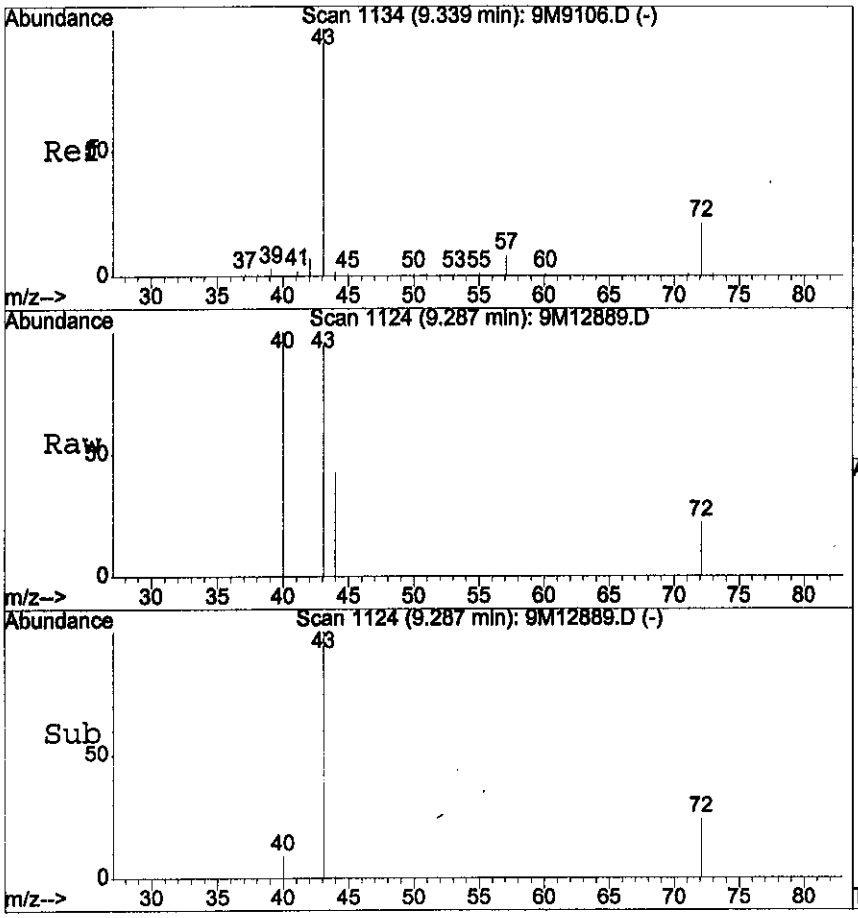


#16
Carbon Disulfide
Concen: 0.42 ug/L
RT: 7.73 min Scan# 832
Delta R.T. 0.02 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 76 Resp: 9638

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

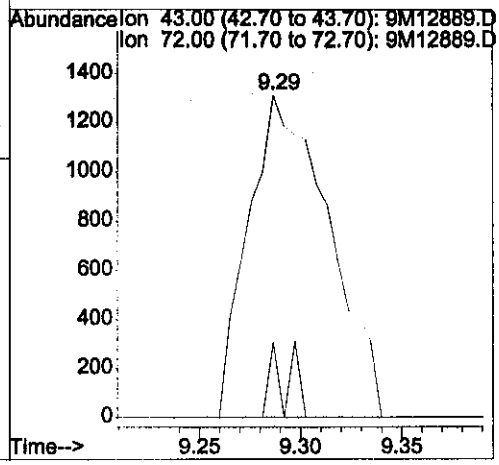


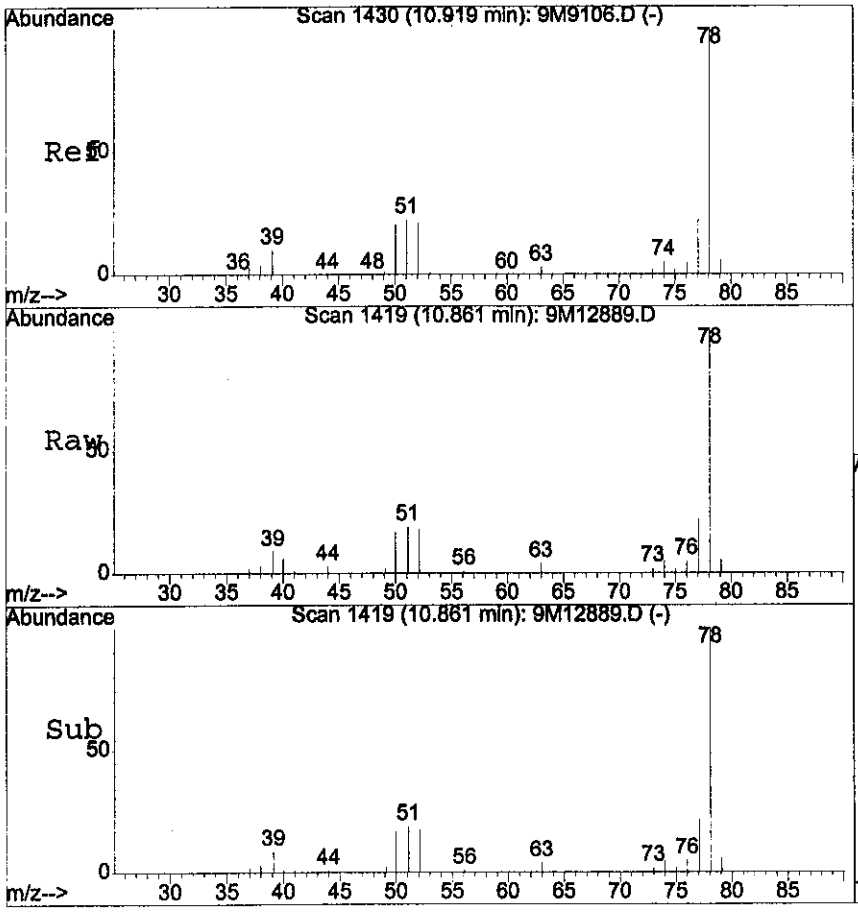


#23
2-Butanone
Concen: 2.17 ug/L
RT: 9.29 min Scan# 1124
Delta R.T. -0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 43 Resp: 3627

Ion	Ratio	Lower	Upper
43	100		
72	5.5	17.8	26.8#

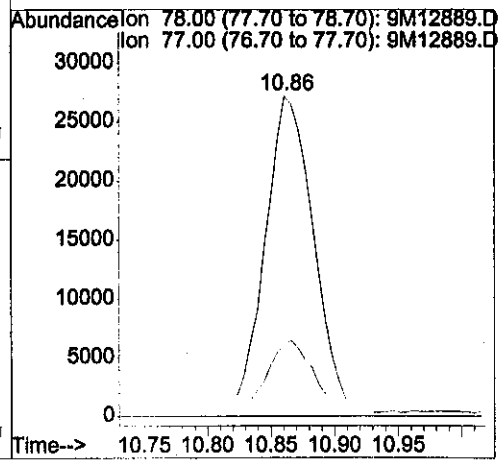


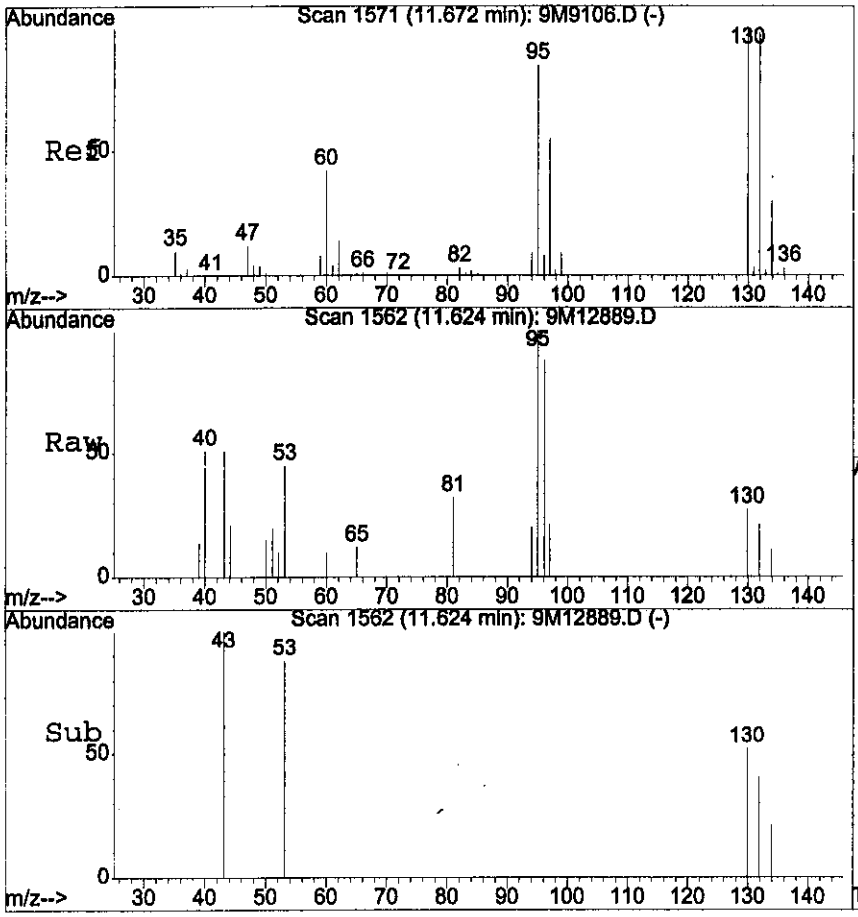


#35
Benzene
Concen: 2.49 ug/L
RT: 10.86 min Scan# 1419
Delta R.T. -0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 78 Resp: 73259

Ion	Ratio	Lower	Upper
78	100		
77	23.4	17.8	26.6

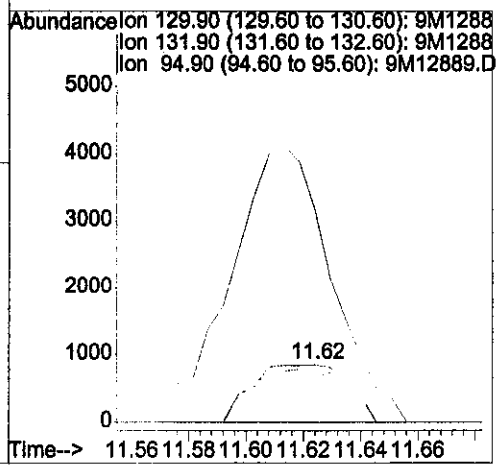


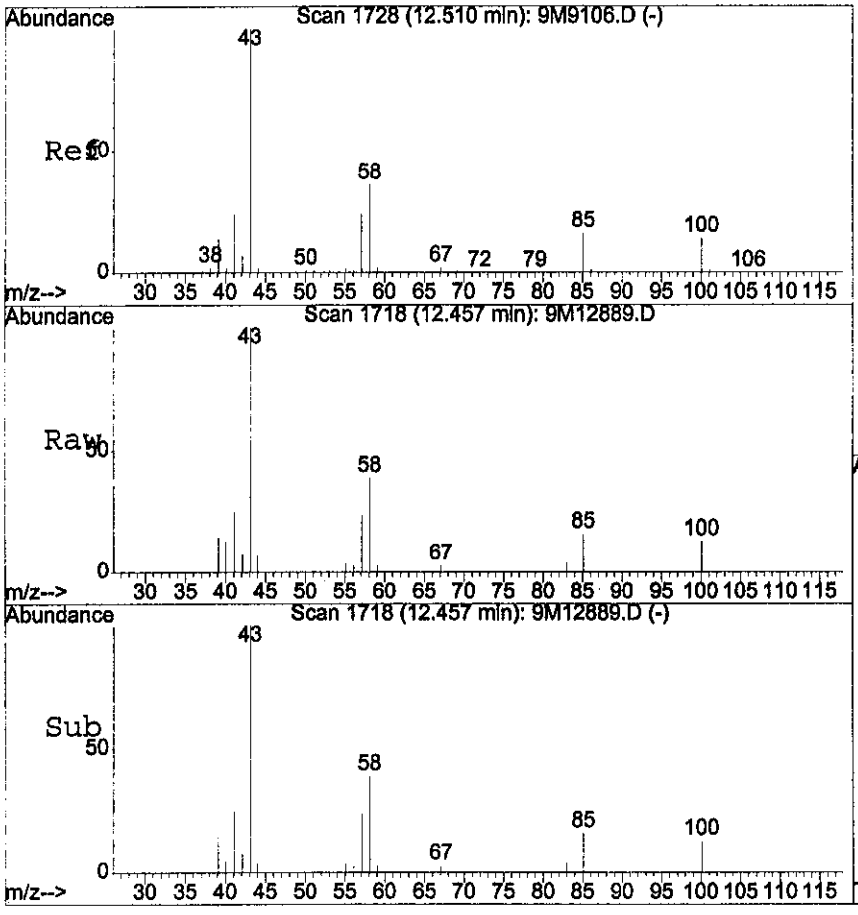


#36
Trichloroethene
Concen: 0.24 ug/L
RT: 11.62 min Scan# 1562
Delta R.T. 0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:130 Resp: 1923

Ion	Ratio	Lower	Upper
130	100		
132	90.7	77.1	115.7
95	514.4	80.1	120.1#

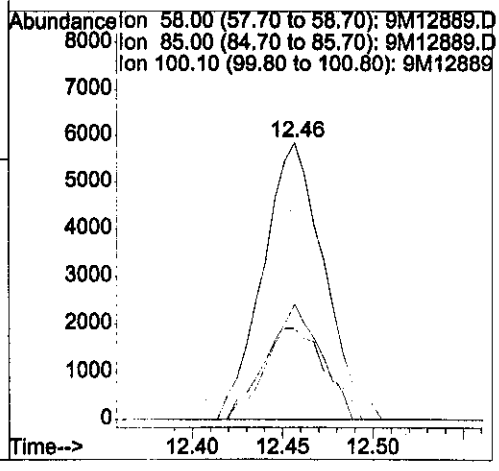


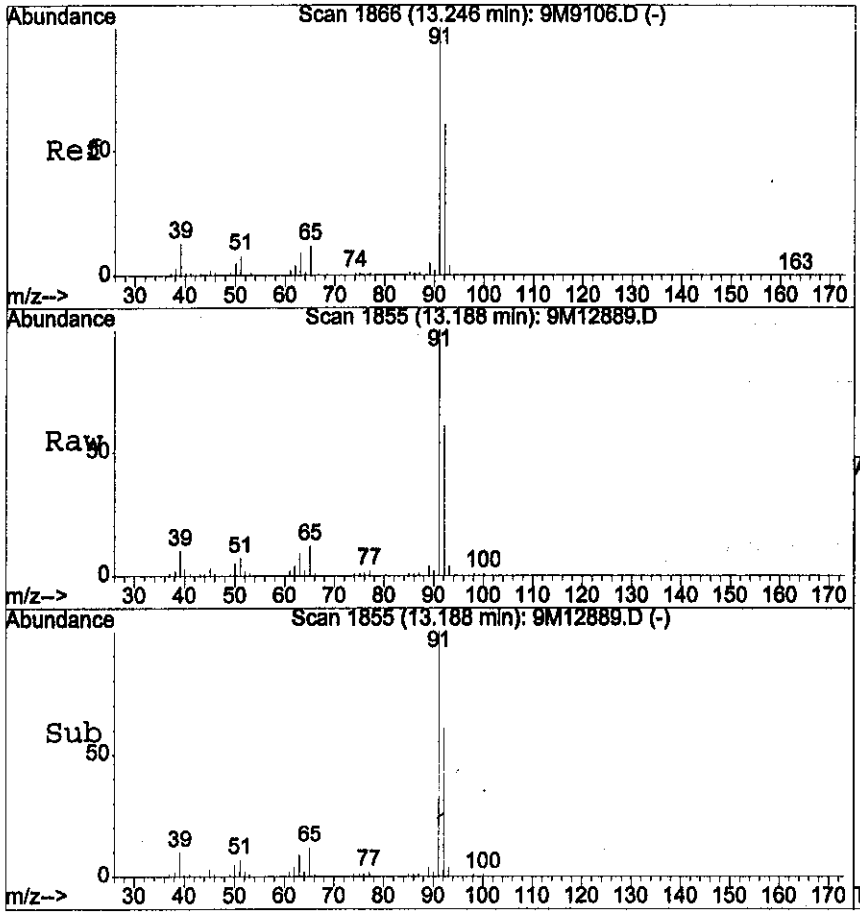


#41
4-Methyl-2-Pentanone
Concen: 7.91 ug/L
RT: 12.46 min Scan# 1718
Delta R.T. 0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 58 Resp: 13685

Ion	Ratio	Lower	Upper
58	100		
85	37.7	31.8	47.6
100	32.3	27.8	41.8

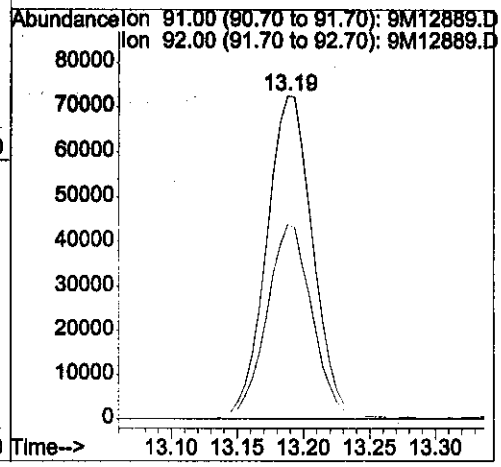


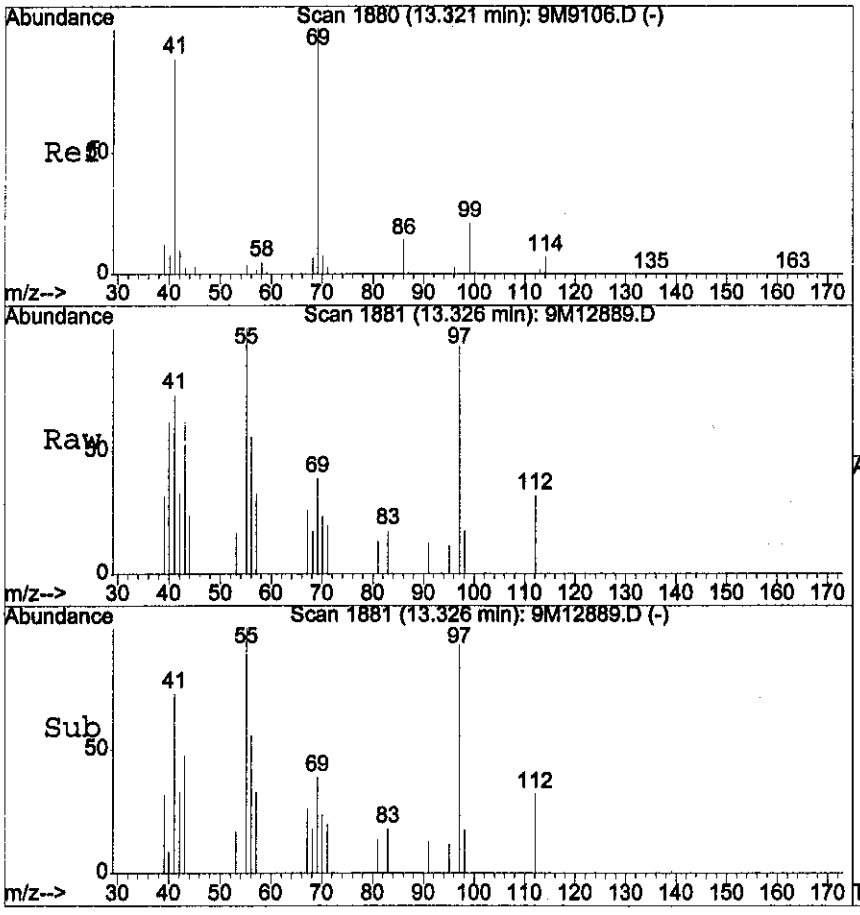


#46
Toluene
Concen: 4.54 ug/L
RT: 13.19 min Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 91 Resp: 176619

Ion	Ratio	Lower	Upper
91	100		
92	59.2	48.7	73.1

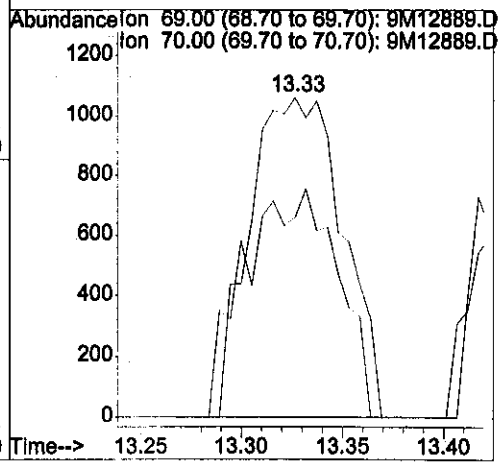


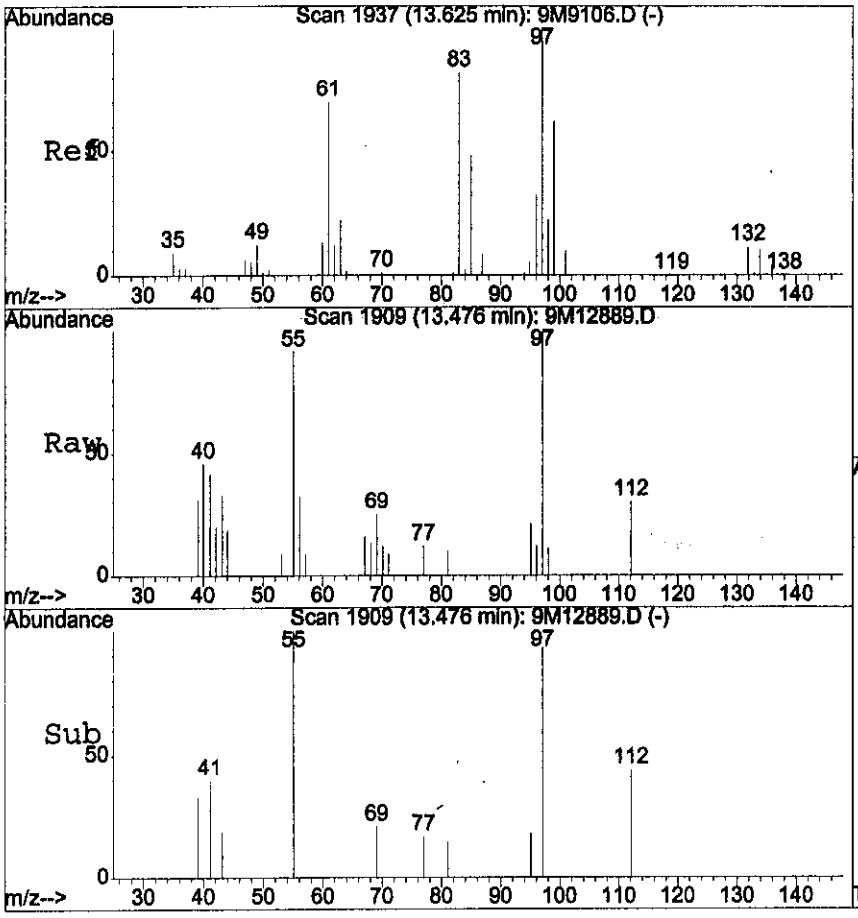


#47
Ethyl Methacrylate
Concen: 0.40 ug/L
RT: 13.33 min Scan# 1881
Delta R.T. 0.06 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 69 Resp: 3364

Ion	Ratio	Lower	Upper
69	100		
70	35.3	6.4	9.6#

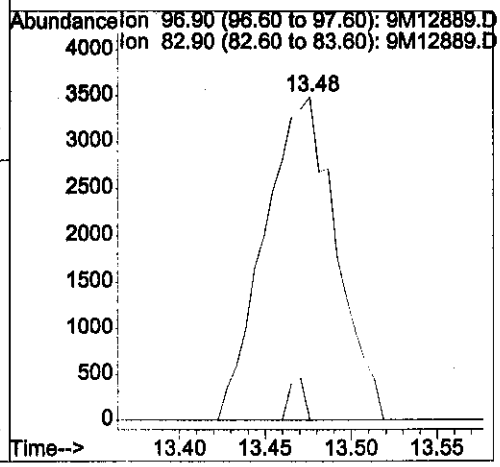


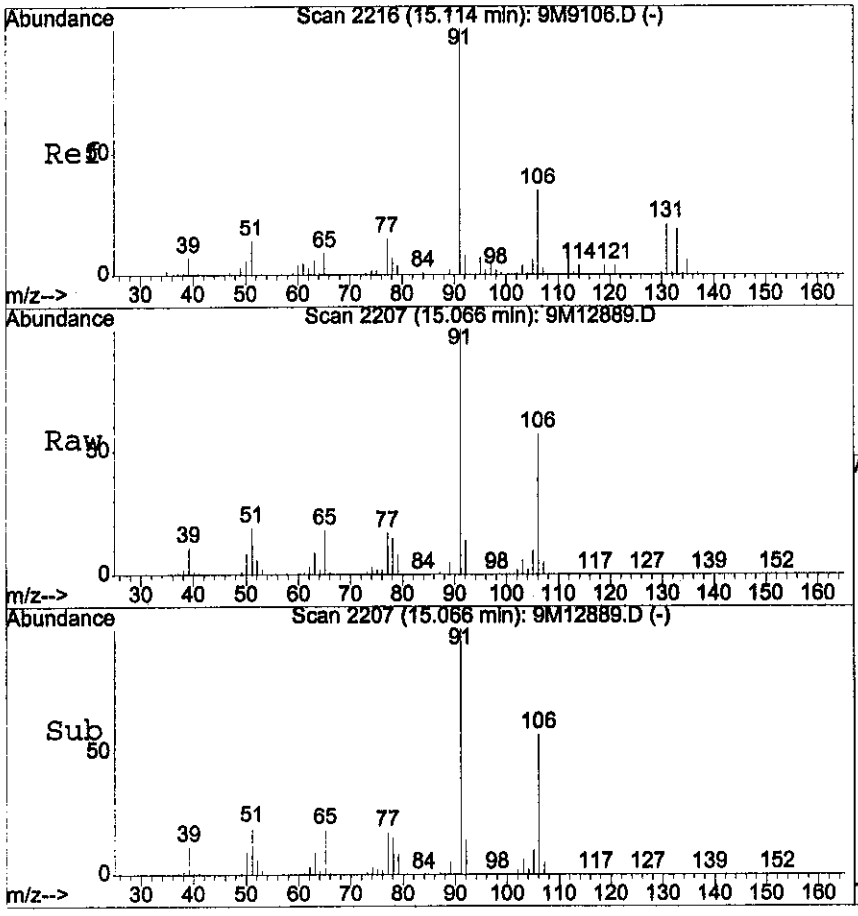


#49
1,1,2-Trichloroethane
Concen: 1.36 ug/L
RT: 13.48 min Scan# 1909
Delta R.T. -0.09 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 97 Resp: 10086

Ion	Ratio	Lower	Upper
97	100		
83	2.7	67.3	100.9#

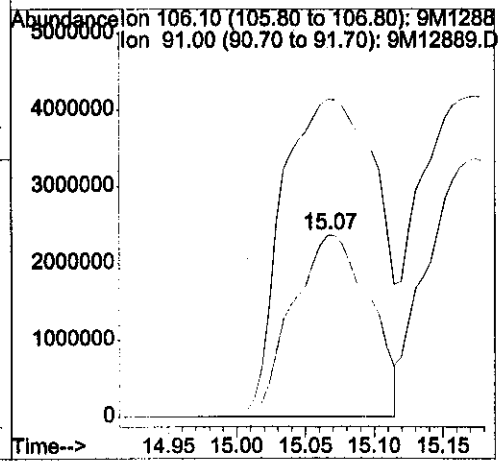


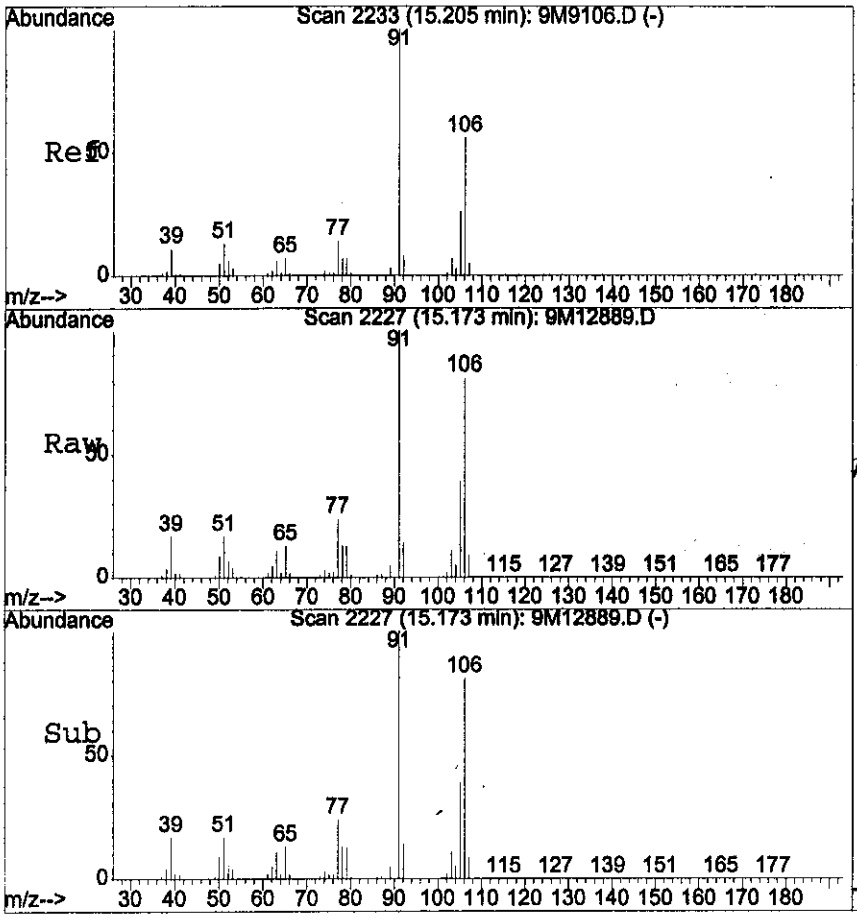


#58
Ethylbenzene
Concen: 612.05 ug/L
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:106 Resp: 9176991

Ion	Ratio	Lower	Upper
106	100		
91	213.9	252.8	379.2#

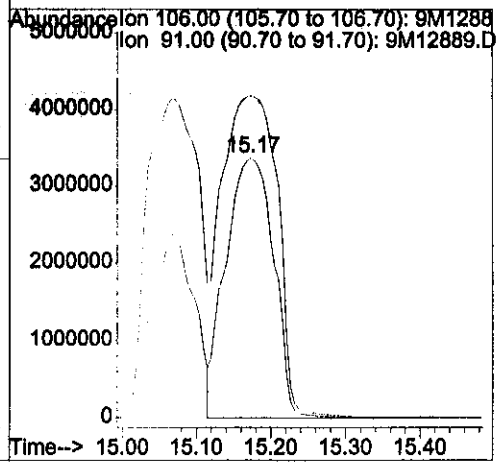


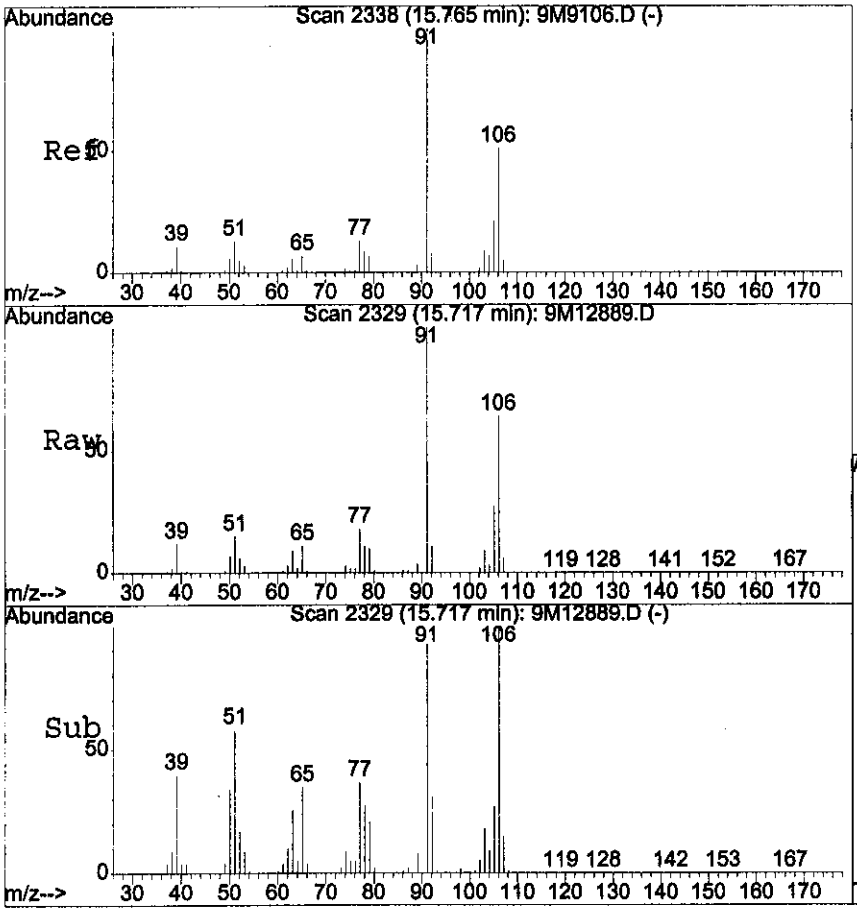


#59
m-,p-Xylene
Concen: Below Cal m
RT: 15.17 min Scan# 2227
Delta R.T. 0.03 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:106 Resp:15023593

Ion	Ratio	Lower	Upper
106	100		
91	130.7	158.8	238.2#

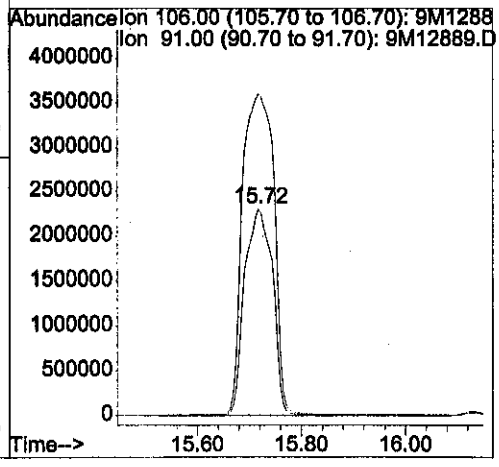


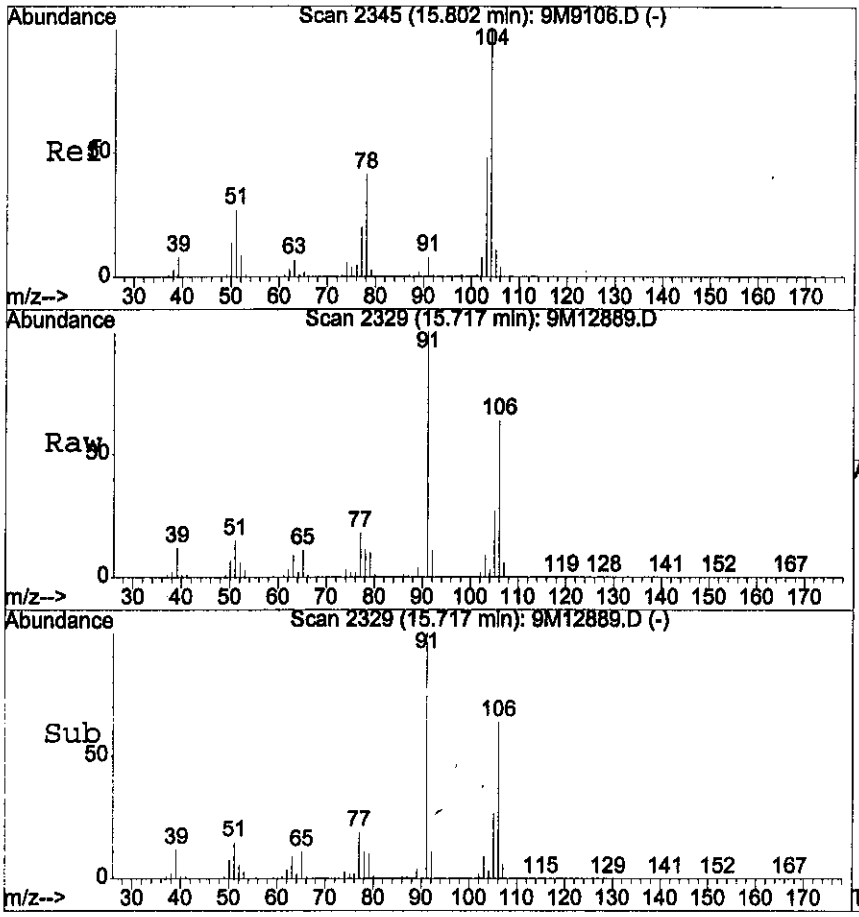


#60
o-Xylene
Concen: Below Cal
RT: 15.72 min Scan# 2329
Delta R.T. 0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:106 Resp: 8602949

Ion	Ratio	Lower	Upper
106	100		
91	175.0	169.6	254.4

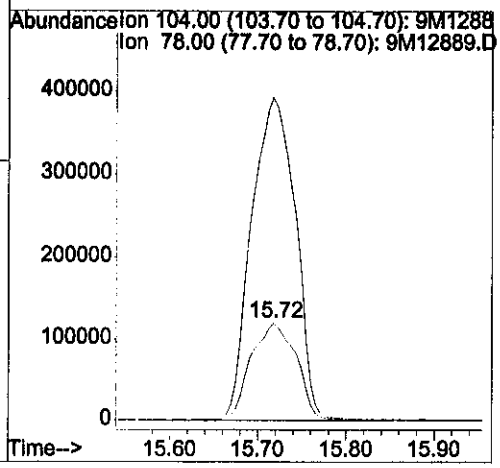


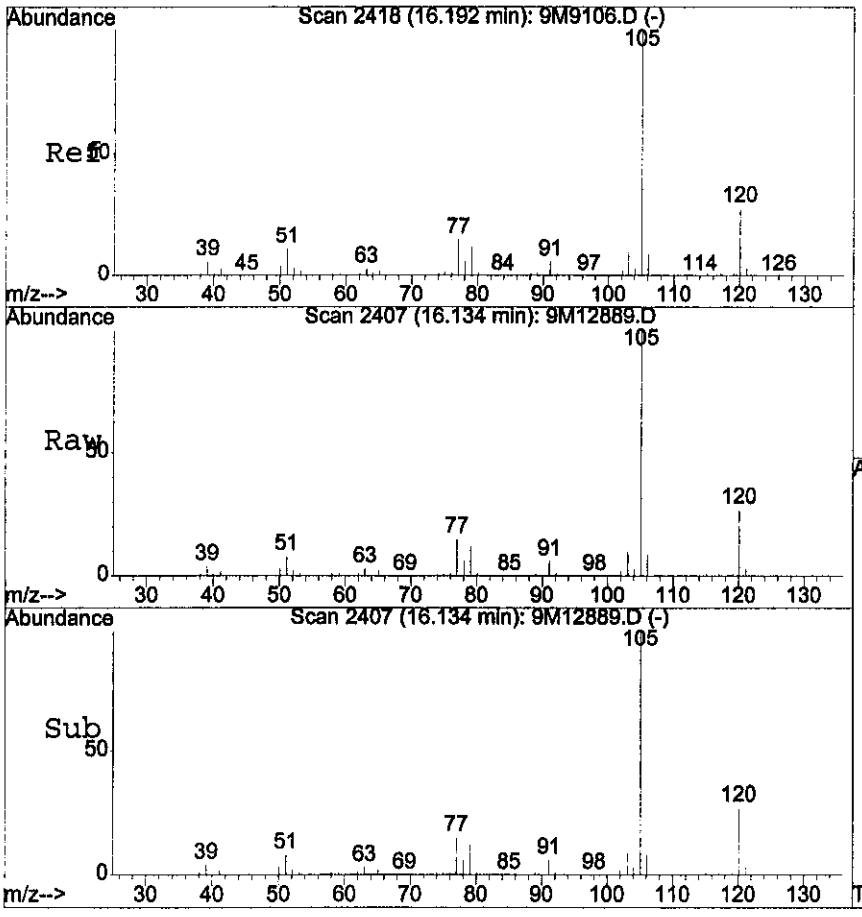


#61
Styrene
Concen: 12.10 ug/L
RT: 15.72 min Scan# 2329
Delta R.T. -0.03 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:104 Resp: 427882

Ion	Ratio	Lower	Upper
104	100		
78	318.9	40.2	60.4#

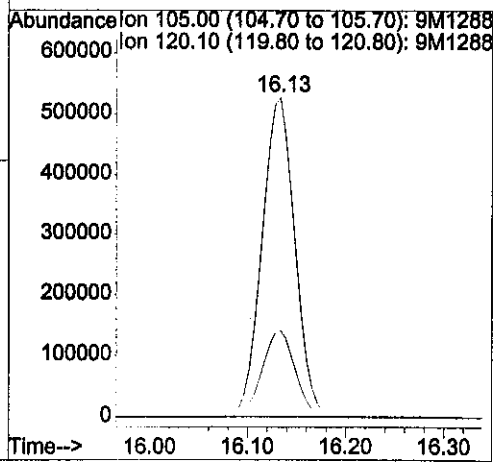


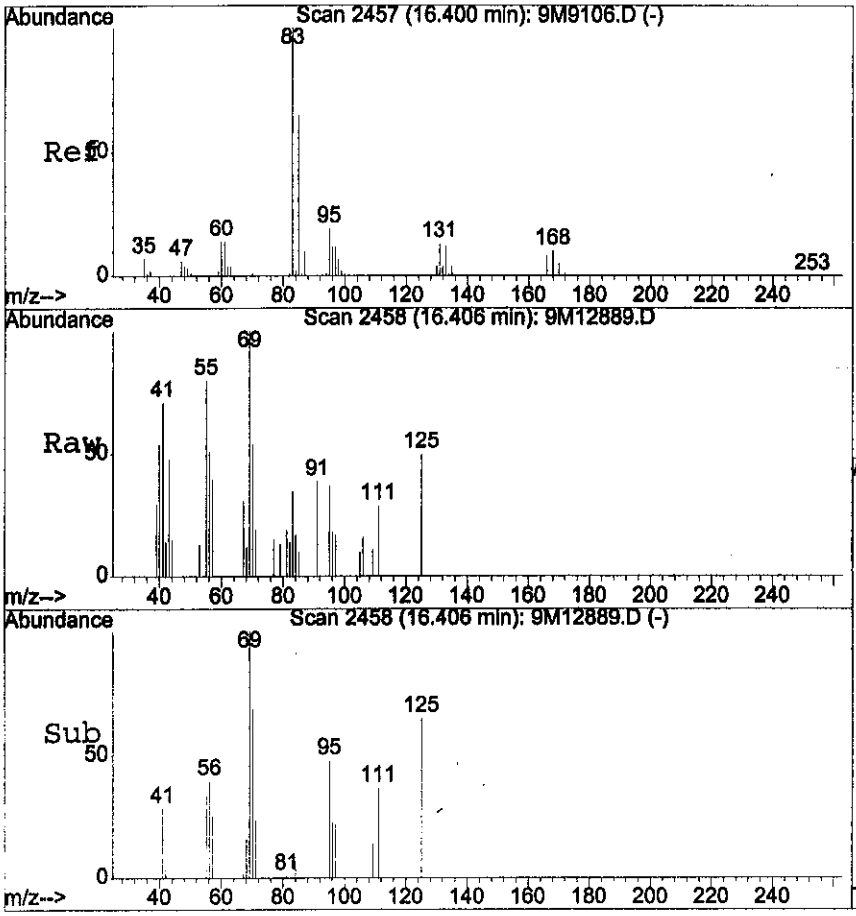


#63
Isopropylbenzene
Concen: 22.91 ug/L
RT: 16.13 min Scan# 2407
Delta R.T. 0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:105 Resp: 1224089

Ion	Ratio	Lower	Upper
105	100		
120	26.8	21.0	31.4

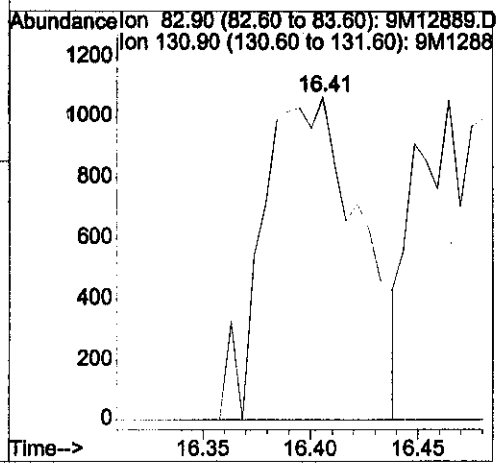


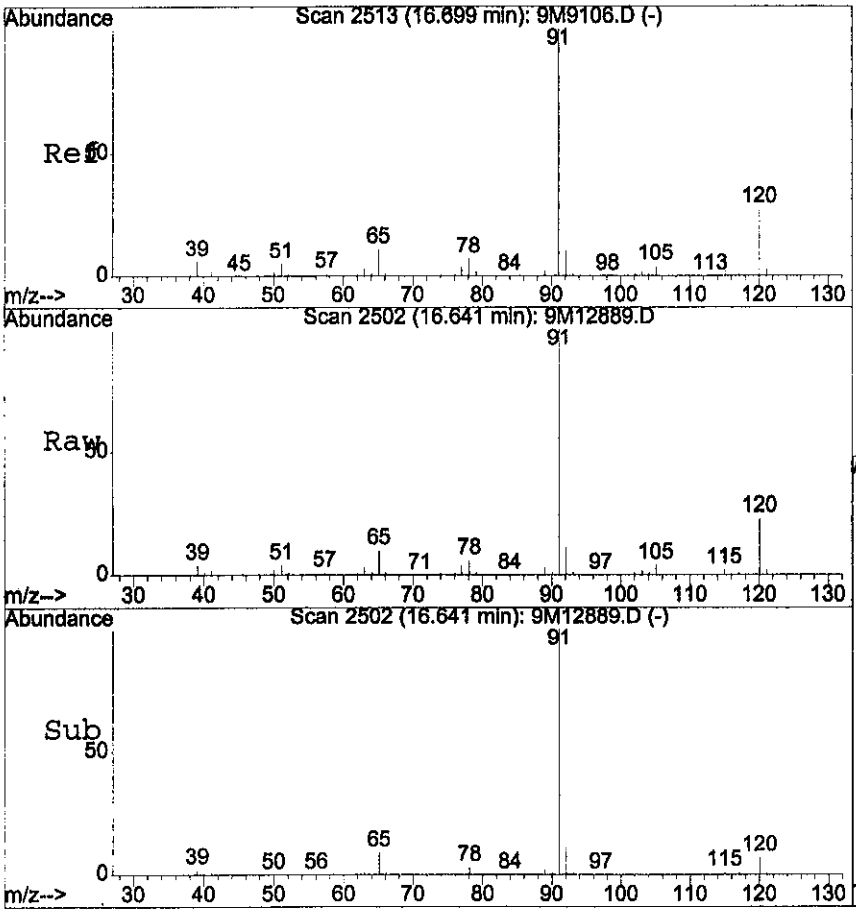


#65
1,1,2,2-Tetrachloroethane
Concen: 0.42 ug/L
RT: 16.41 min Scan# 2458
Delta R.T. 0.06 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 83 Resp: 3331

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.1	12.1#

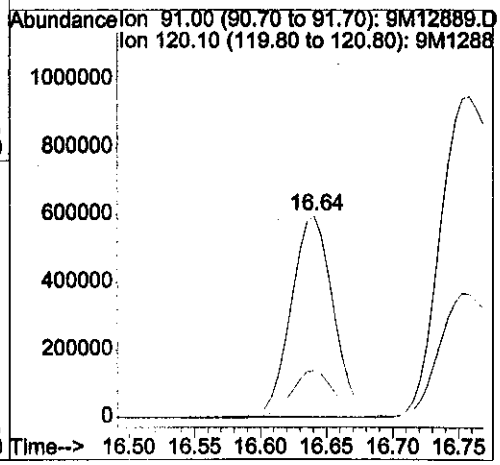


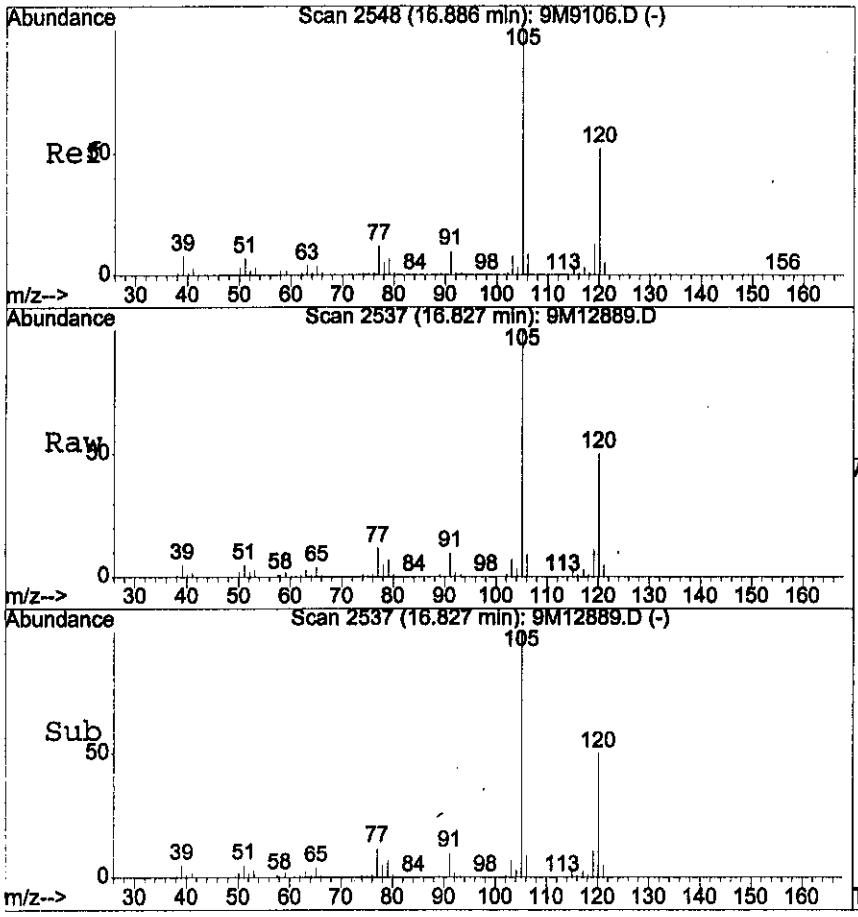


#69
n-Propylbenzene
Concen: 19.79 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 91 Resp: 1321183

Ion	Ratio	Lower	Upper
91	100		
120	23.4	18.3	27.5

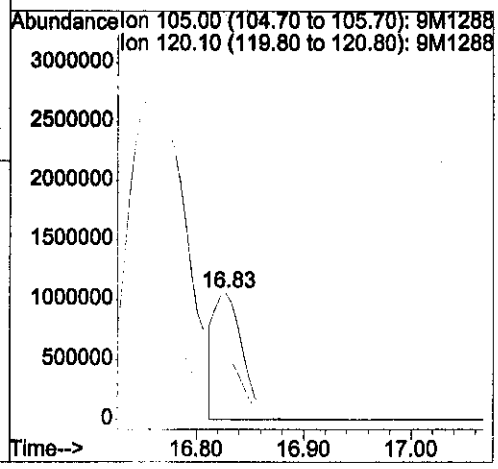


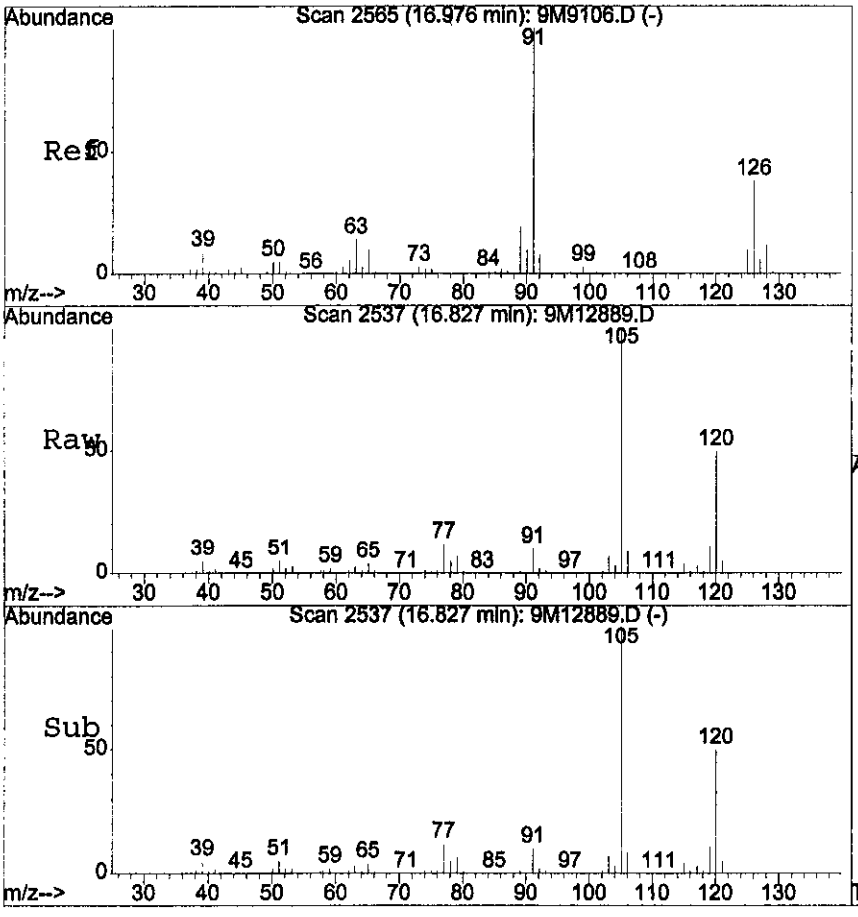


#71
1,3,5-Trimethylbenzene
Concen: 42.32 ug/L
RT: 16.83 min Scan# 2537
Delta R.T. -0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:105 Resp: 1938962

Ion	Ratio	Lower	Upper
105	100		
120	55.2	38.9	58.3

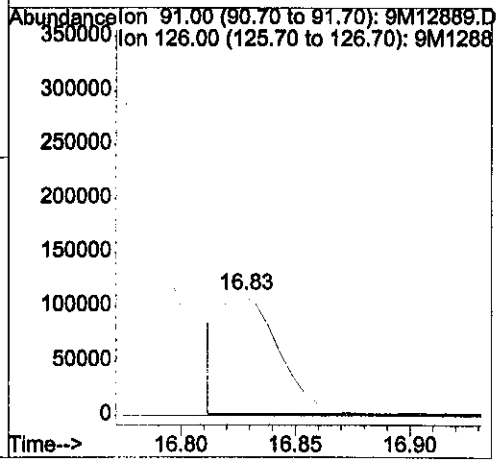


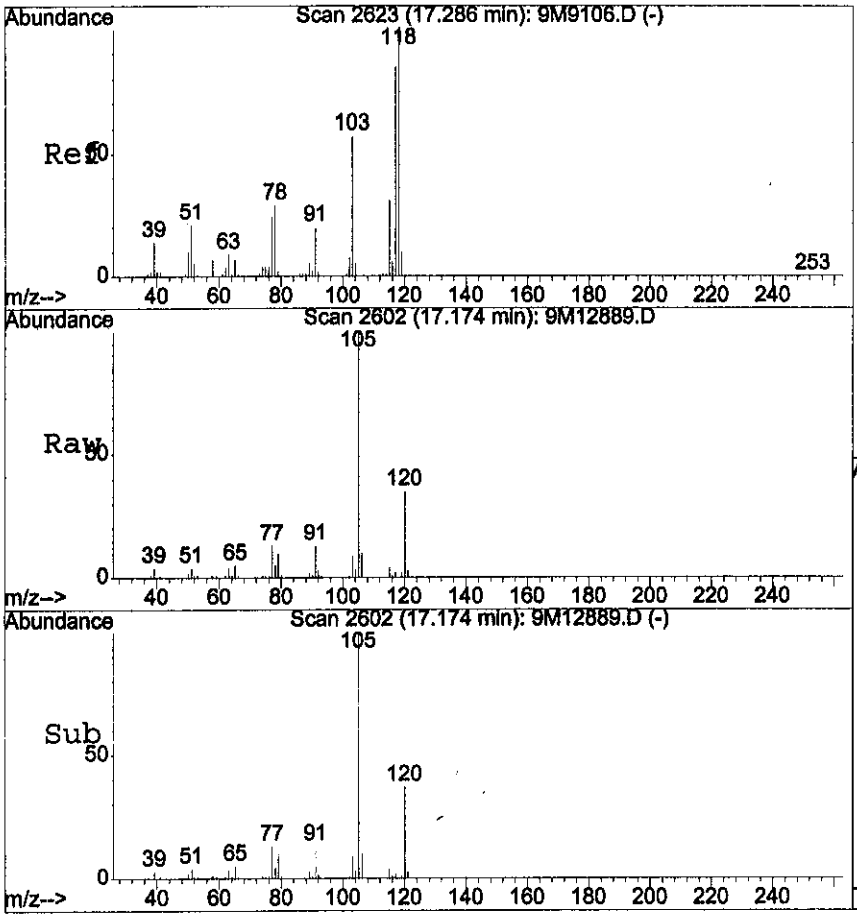


#72
2-Chlorotoluene
Concen: 5.47 ug/L
RT: 16.83 min Scan# 2537
Delta R.T. -0.09 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 91 Resp: 198291

Ion	Ratio	Lower	Upper
91	100		
126	0.0	28.1	42.1#

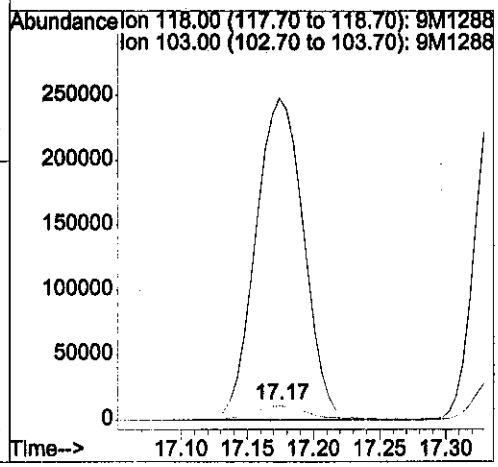


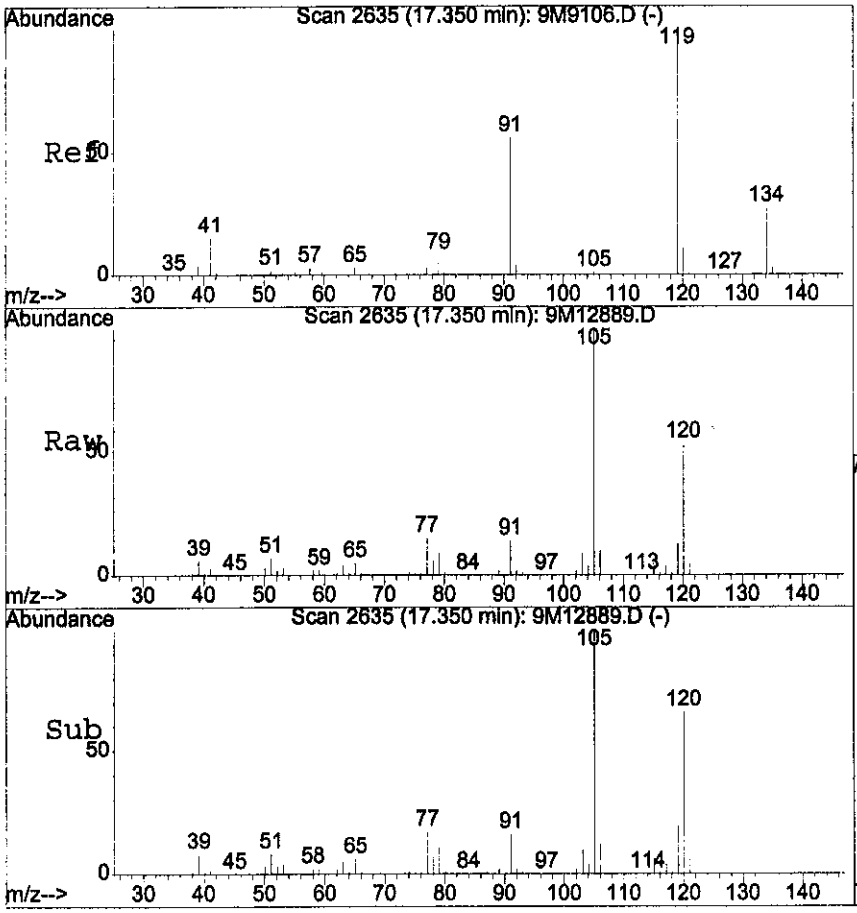


#74
a-Methylstyrene
Concen: 1.34 ug/L
RT: 17.17 min Scan# 2602
Delta R.T. -0.05 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:118 Resp: 30638

Ion	Ratio	Lower	Upper
118	100		
103	2043.2	44.9	67.3#

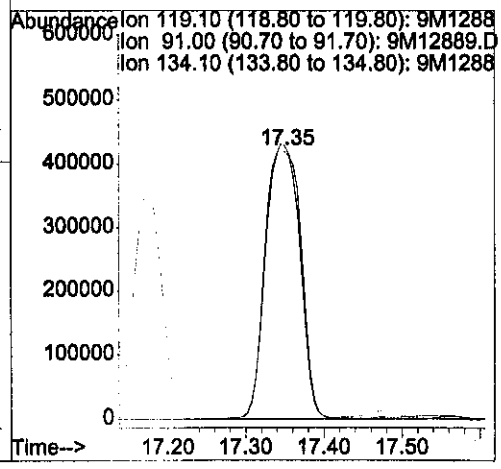


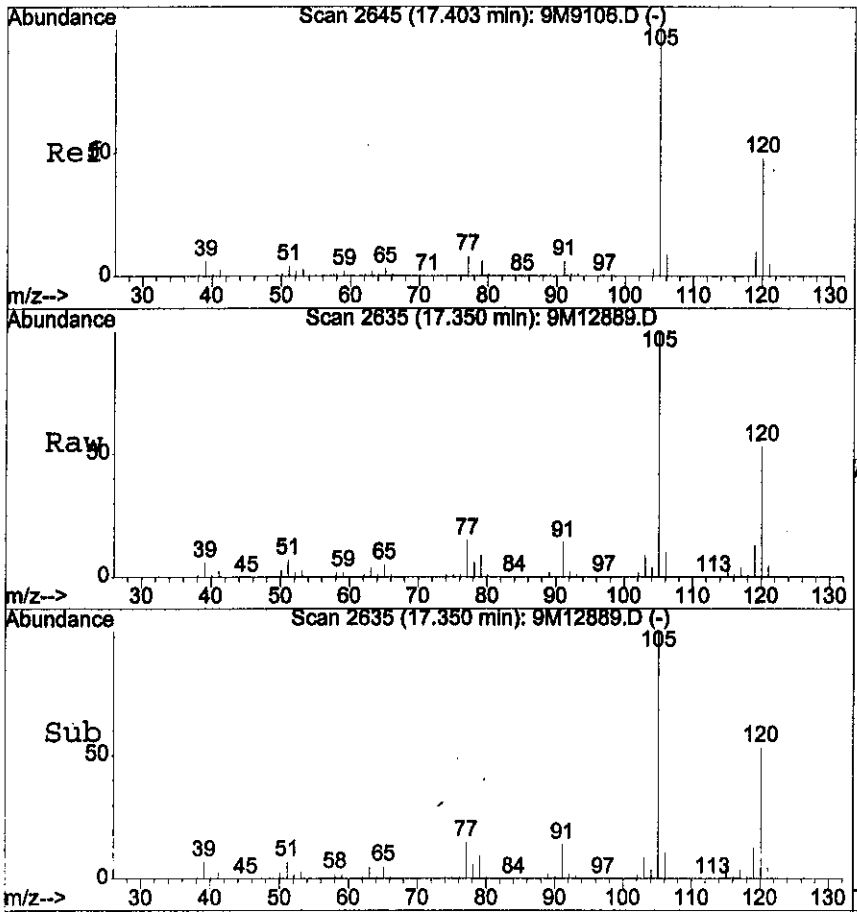


#75
tert-Butylbenzene
Concen: 36.48 ug/L
RT: 17.35 min Scan# 2635
Delta R.T. 0.05 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:119 Resp: 1352943

Ion	Ratio	Lower	Upper
119	100		
91	95.9	48.6	73.0#
134	0.0	21.0	31.4#

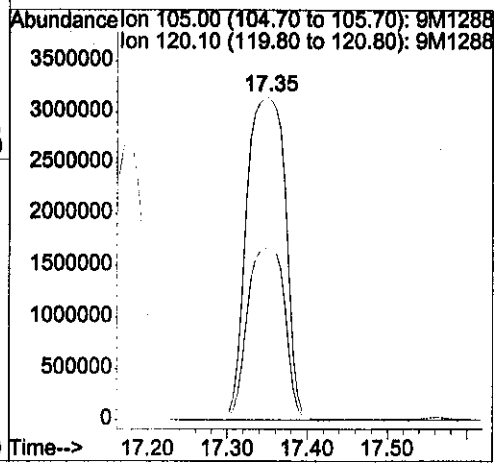


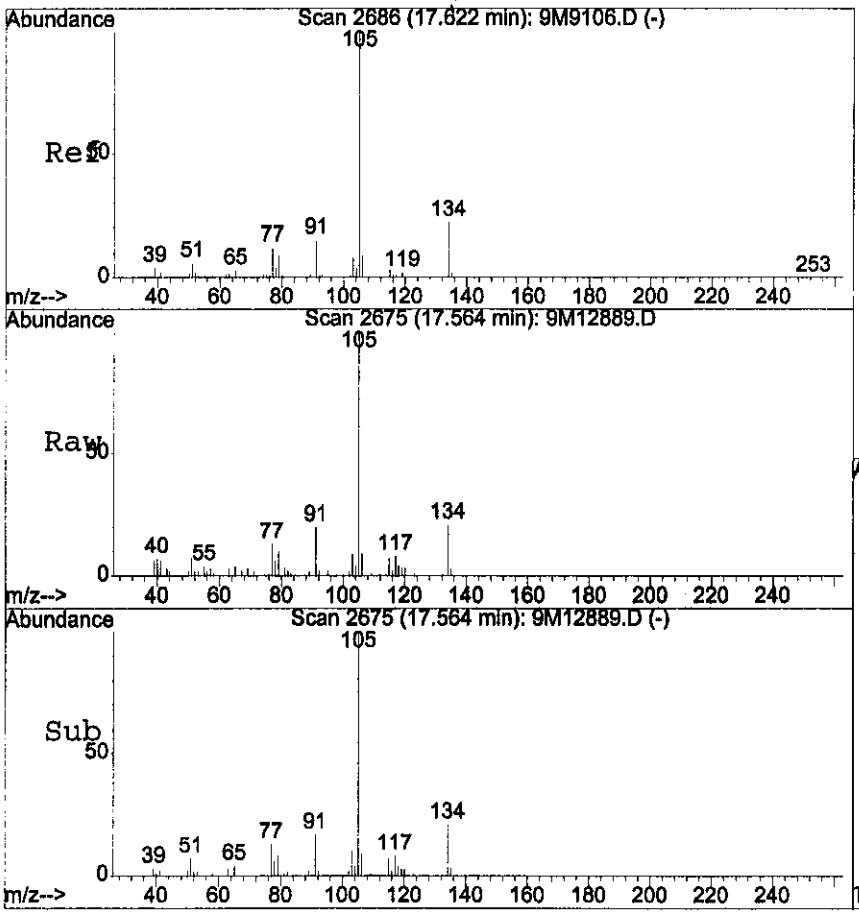


#76
1,2,4-Trimethylbenzene
Concen: 245.04 ug/L
RT: 17.35 min Scan# 2635
Delta R.T. 0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:105 Resp:10602279

Ion	Ratio	Lower	Upper
105	100		
120	51.0	36.6	55.0

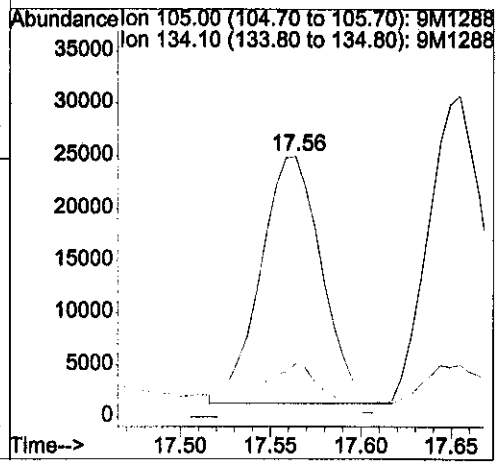


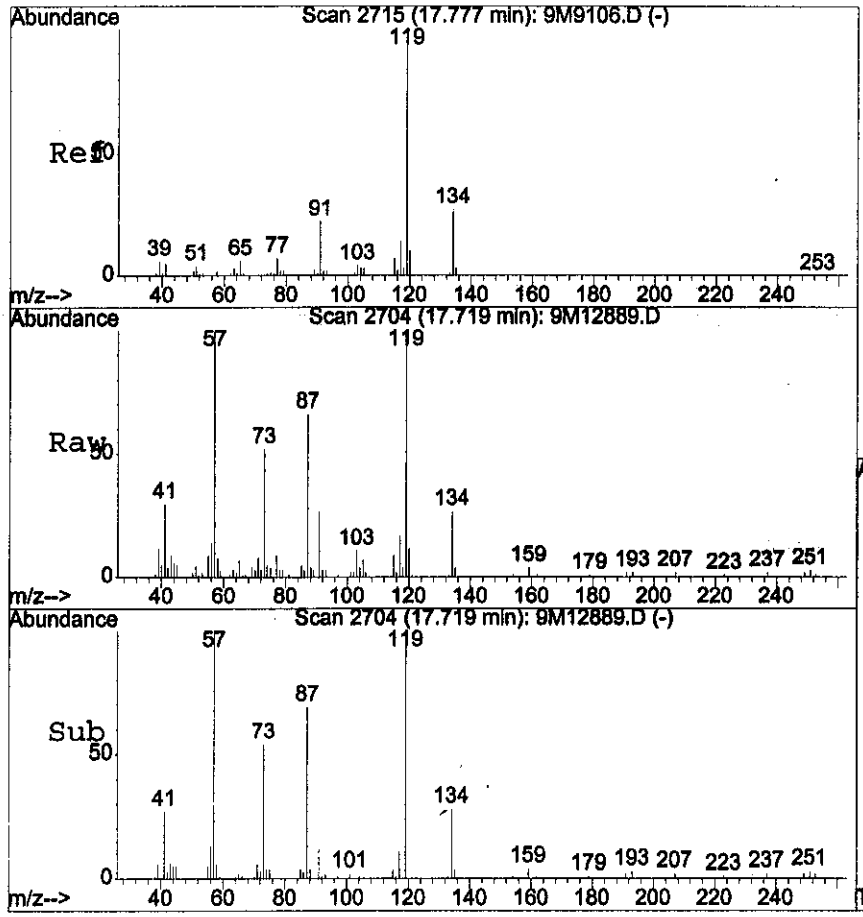


#77
sec-Butylbenzene
Concen: 1.07 ug/L
RT: 17.56 min Scan# 2675
Delta R.T. -0.01 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:105 Resp: 55586

Ion	Ratio	Lower	Upper
105	100		
134	21.3	15.8	23.8

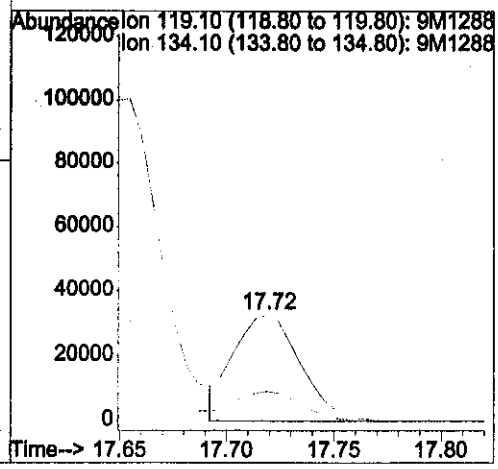


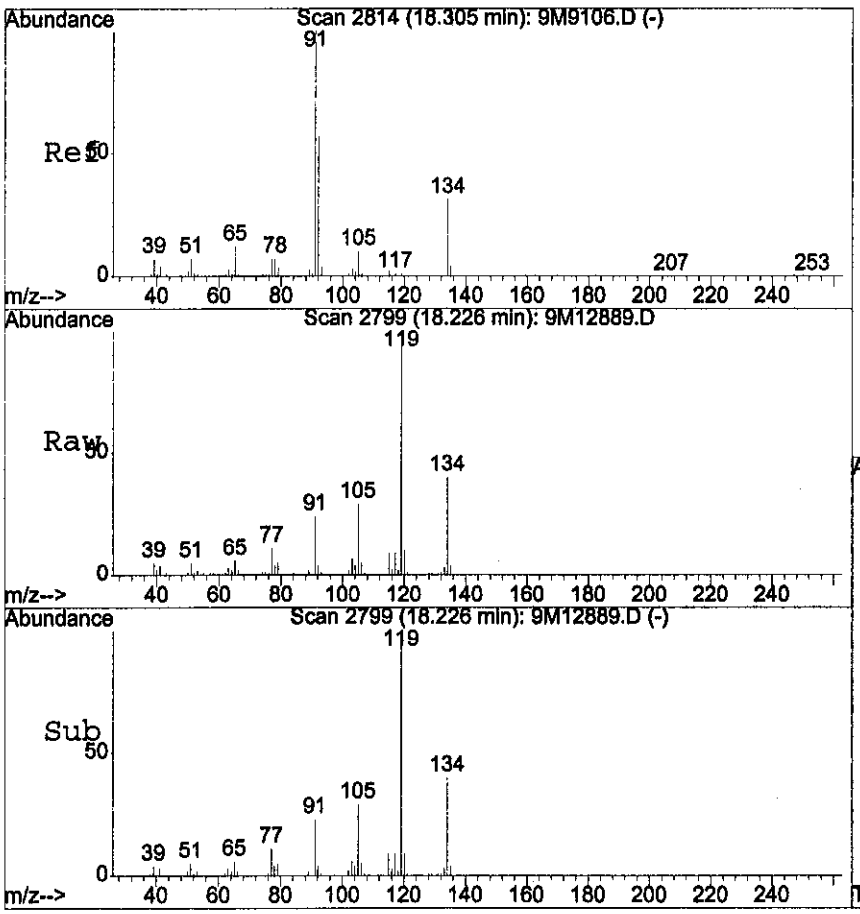


#78
p-Isopropyltoluene
Concen: 1.30 ug/L
RT: 17.72 min Scan# 2704
Delta R.T. -0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:119 Resp: 70529

Ion	Ratio	Lower	Upper
119	100		
134	27.4	21.4	32.0

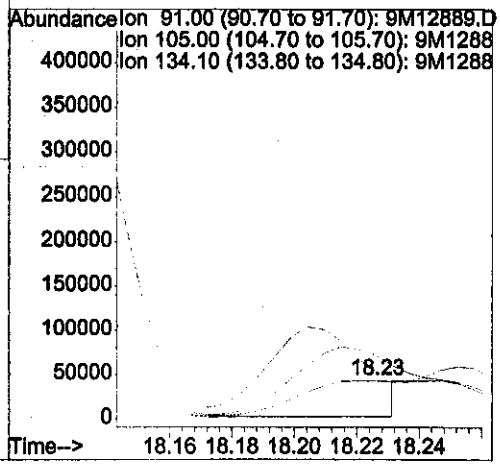


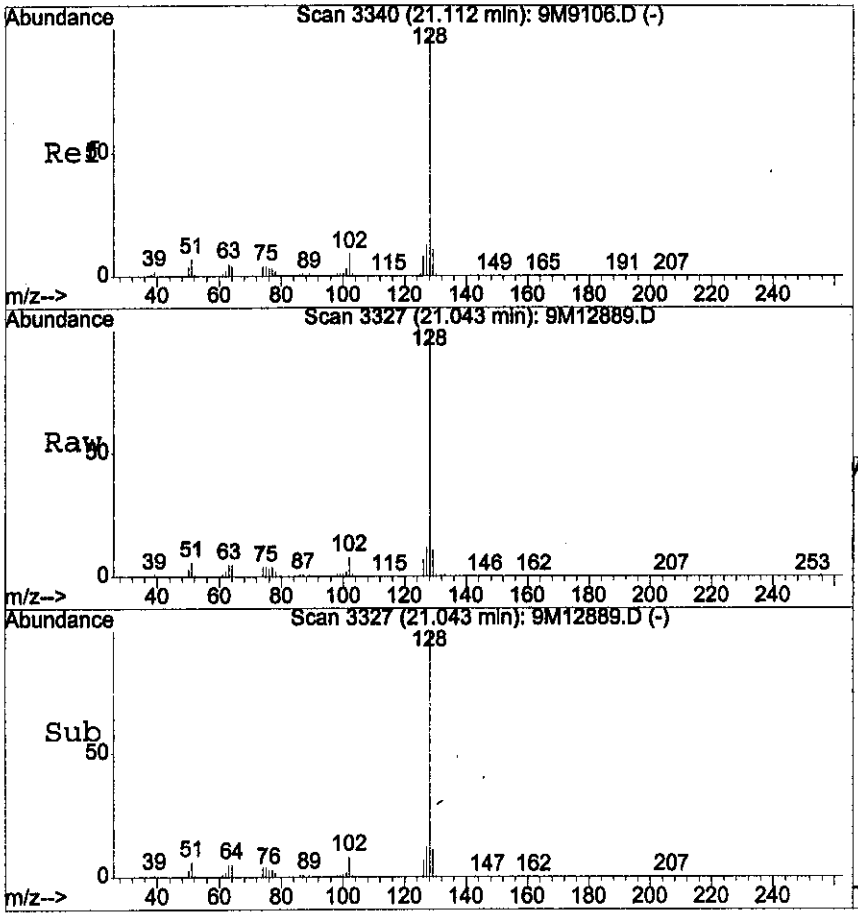


#81
n-Butylbenzene
Concen: 2.08 ug/L
RT: 18.23 min Scan# 2799
Delta R.T. -0.02 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion: 91 Resp: 83527

Ion	Ratio	Lower	Upper
91	100		
105	282.7	6.7	10.1#
134	316.5	21.0	31.6#

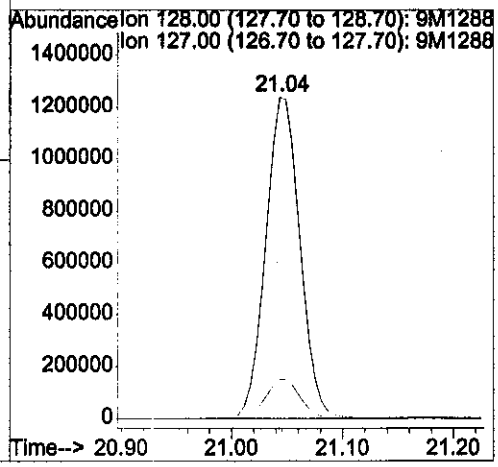




#86
Naphthalene
Concen: 108.41 ug/L
RT: 21.04 min Scan# 3327
Delta R.T. -0.00 min
Lab File: 9M12889.D
Acq: 16 Oct 2000 21:24

Tgt Ion:128 Resp: 2652352

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.8	14.6

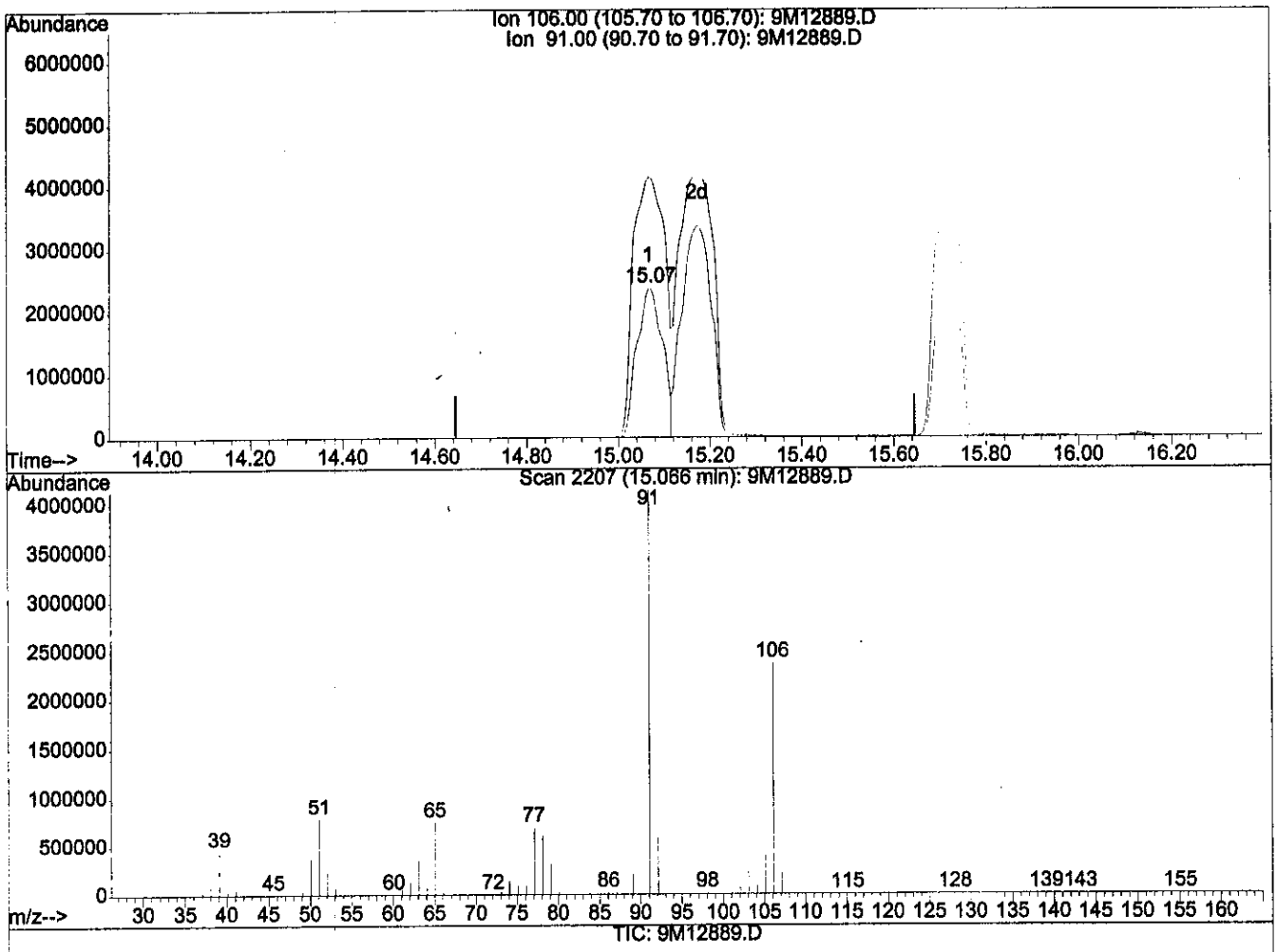


Quantitation Report (Qedit)

Data File : D:\HPCHEM\1\DATA\101600\9M12889.D
Acq On : 16 Oct 2000 21:24
Sample : L0010212-02 ITCORPOH-398 826-SPE-VO
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:36 2000

Vial: 14
Operator: RSS
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Multiple Level Calibration



TIC: 9M12889.D

(59) m-,p-Xylene (T)

15.07min -25.00ug/L

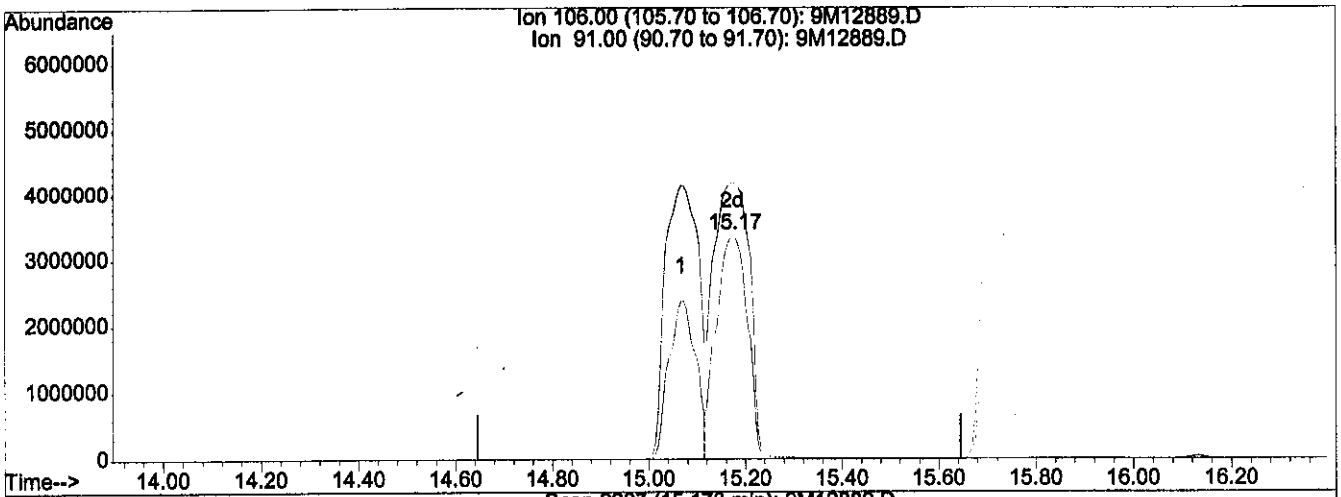
response 9176991

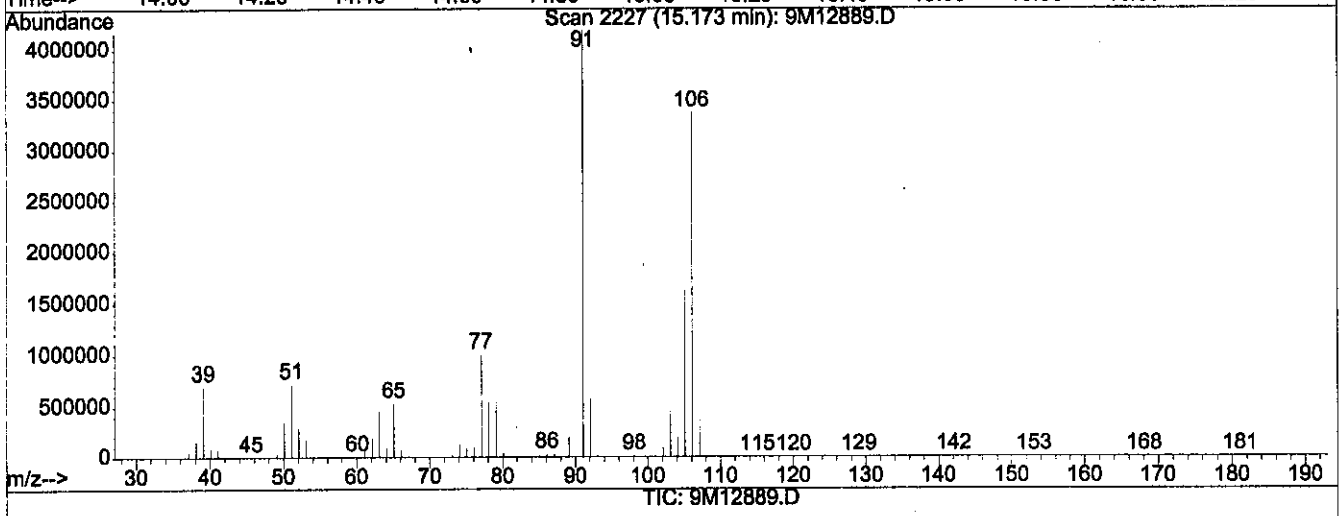
Ion	Exp%	Act%
106.00	100	100
91.00	198.50	213.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : D:\HPCHEM\1\DATA\101600\9M12889.D Vial: 14
Acq On : 16 Oct 2000 21:24 Operator: RSS
Sample : L0010212-02 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:37 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Multiple Level Calibration





TIC: 9M12889.D

(59) m-,p-Xylene (T)

15.17min -25.00ug/L m

response 15023593

Ion	Exp%	Act%
106.00	100	100
91.00	198.50	130.68#
0.00	0.00	0.00
0.00	0.00	0.00

RSS 10/17/00

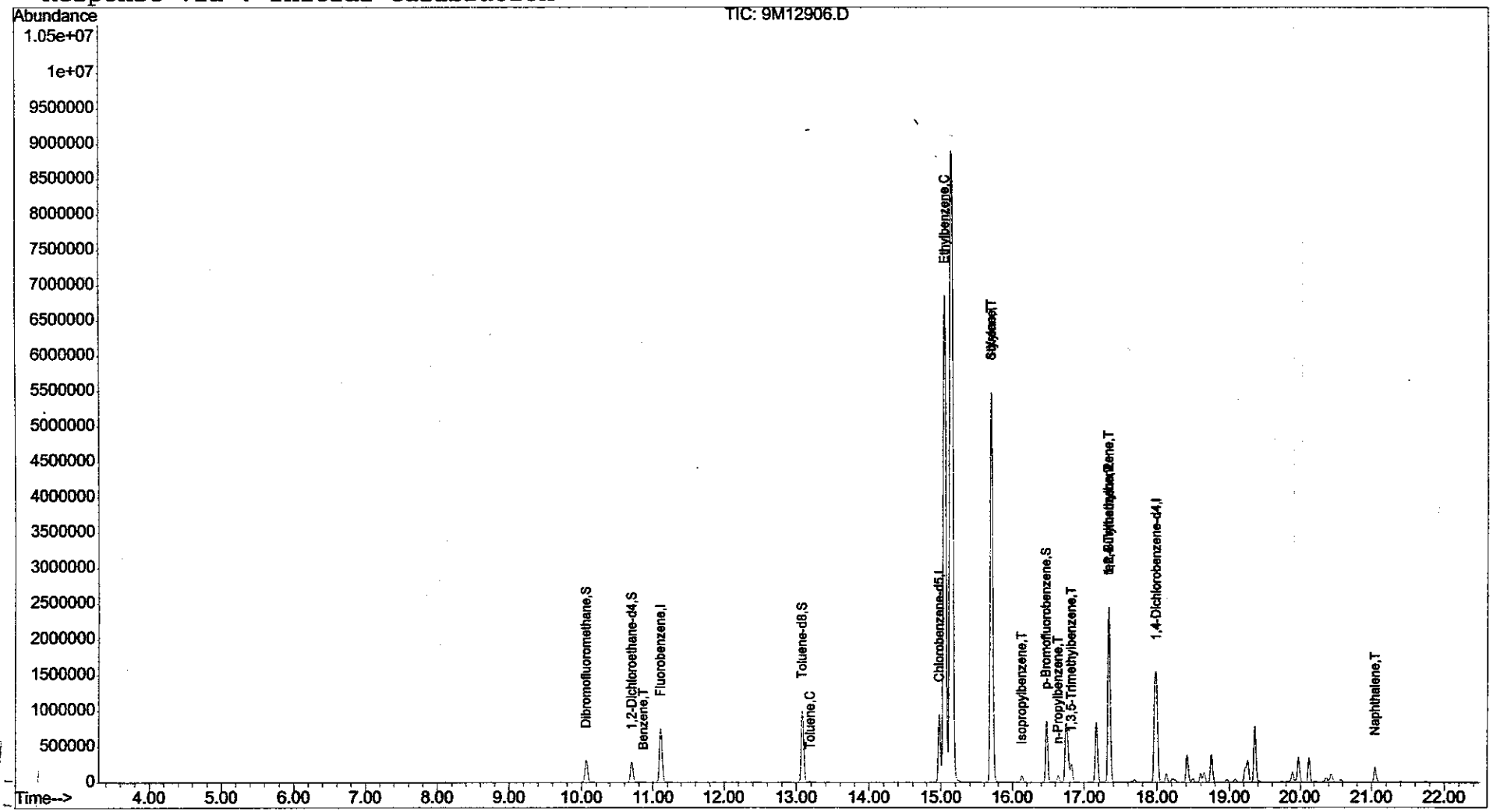
10/19/00

9M12889.D 8260WT.M Tue Oct 17 09:37:17 2000 HPMS_9

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12906.D Vial: 6
Acq On : 17 Oct 2000 11:39 Operator: RSS
Sample : L0010212-02 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 12:02 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



64

Quantitation Report (Not Reviewed)

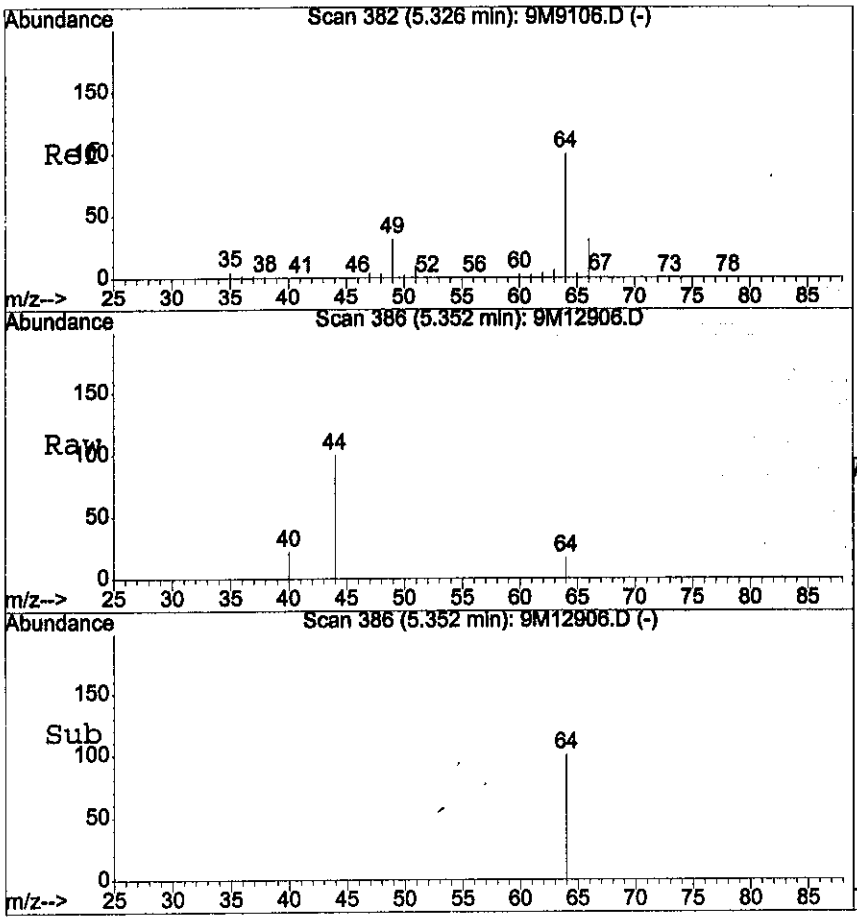
Data File : D:\HPCHEM\1\DATA\101700\9M12906.D Vial: 6
Acq On : 17 Oct 2000 11:39 Operator: RSS
Sample : L0010212-02 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 12:02 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.10	96	984337	25.00 ug/L	0.00
44) Chlorobenzene-d5	14.98	117	724747	25.00 ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	431226	25.00 ug/L	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.06	111	274364	24.43 ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 97.72%		
33) 1,2-Dichloroethane-d4	10.70	65	273760	24.82 ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 99.28%		
45) Toluene-d8	13.08	98	949896	26.50 ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.00%		
66) p-Bromofluorobenzene	16.47	95	392702	26.93 ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.72%		
Target Compounds					Qvalue
6) Chloroethane	5.35	64	106	0.29 ug/L #	43
11) Acetone	6.69	43	1503	8.22 ug/L #	41
16) Carbon Disulfide	7.73	76	2394	0.75 ug/L #	75
34) 1,2-Dichloroethane	10.82	62	1430	1.05 ug/L #	47
35) Benzene	10.86	78	7878	1.95 ug/L	95
46) Toluene	13.19	91	16187	4.00 ug/L	96
50) 2-Hexanone	13.43	43	1187	3.50 ug/L #	30
58) Ethylbenzene	15.05	106	2888651	1851.96 ug/L	87
59) m-,p-Xylene	15.15	106	5451113	Below Cal	90
60) o-Xylene	15.70	106	2525372	1615.21 ug/L	97
61) Styrene	15.70	104	117126	31.31 ug/L #	1
63) Isopropylbenzene	16.13	105	82988	14.33 ug/L	98
69) n-Propylbenzene	16.64	91	98882	14.56 ug/L	99
71) 1,3,5-Trimethylbenzene	16.83	105	173977	35.95 ug/L	92
74) a-Methylstyrene	17.17	118	5898	2.65 ug/L #	1
75) tert-Butylbenzene	17.34	119	229980	63.41 ug/L #	56
76) 1,2,4-Trimethylbenzene	17.34	105	2033602	480.62 ug/L	100
77) sec-Butylbenzene	17.56	105	4670	0.92 ug/L #	66
78) p-Isopropyltoluene	17.72	119	6055	1.14 ug/L	99
81) n-Butylbenzene	18.22	91	6592	1.68 ug/L #	1
84) 1,2,4-Trichlorobenzene	20.69	180	639	0.39 ug/L #	47
86) Naphthalene	21.05	128	220097	91.99 ug/L	100
87) 1,2,3-Trichlorobenzene	21.36	180	921	0.75 ug/L #	1

RR 100%

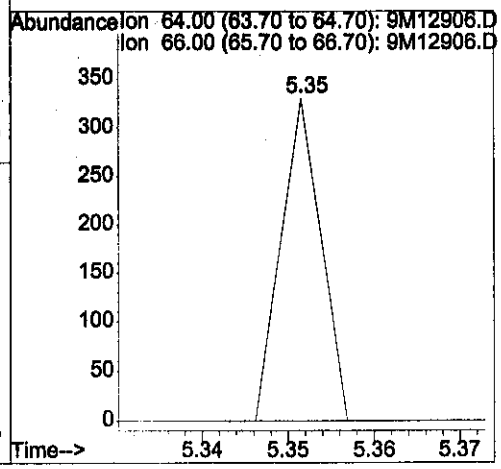
(#) = qualifier out of range (m) = manual integration
9M12906.D 8260WT.M Tue Oct 17 12:02:25 2000 HPMS_9 Page 1

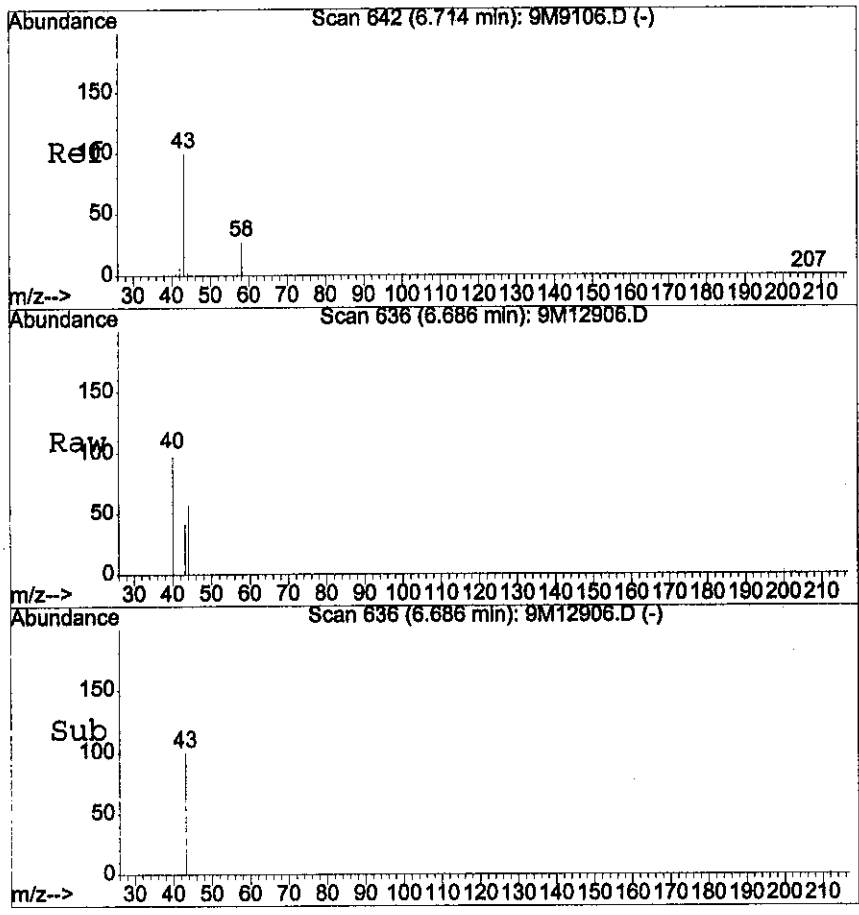


#6
Chloroethane
Concen: 0.29 ug/L
RT: 5.35 min Scan# 386
Delta R.T. 0.06 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 64 Resp: 106

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

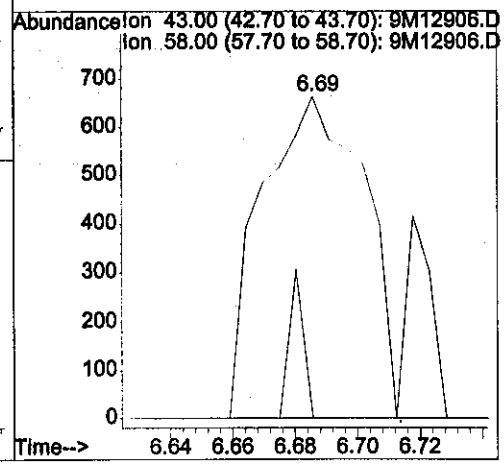


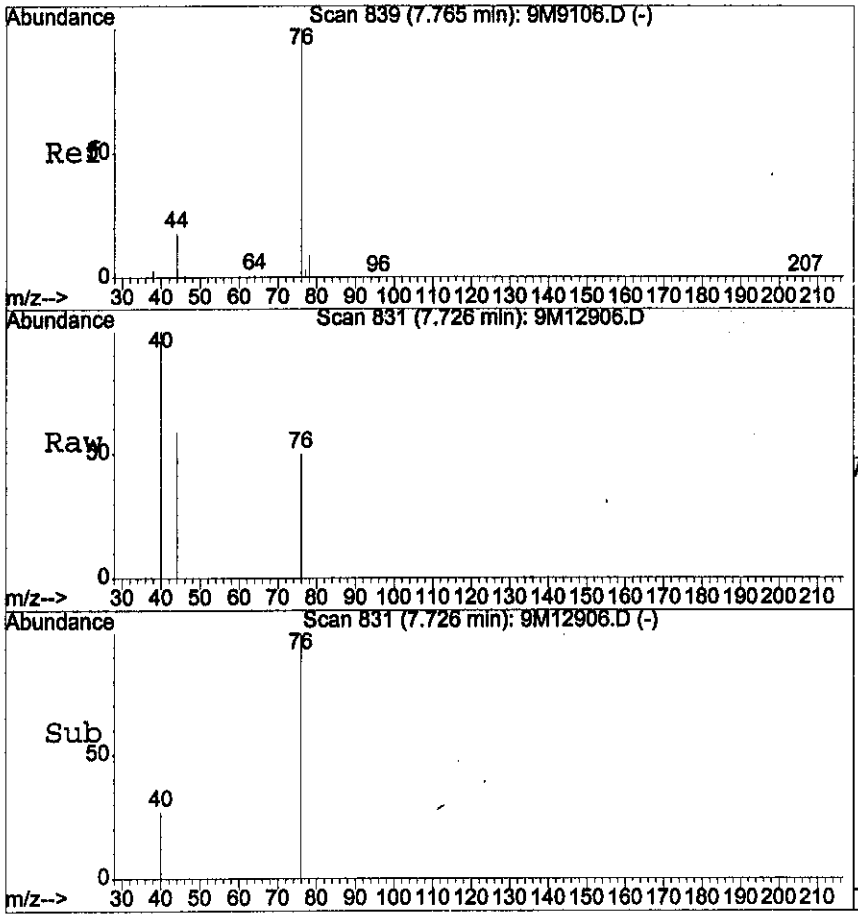


#11
Acetone
Concen: 8.22 ug/L
RT: 6.69 min Scan# 636
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 43 Resp: 1503

Ion	Ratio	Lower	Upper
43	100		
58	0.0	26.6	39.8#

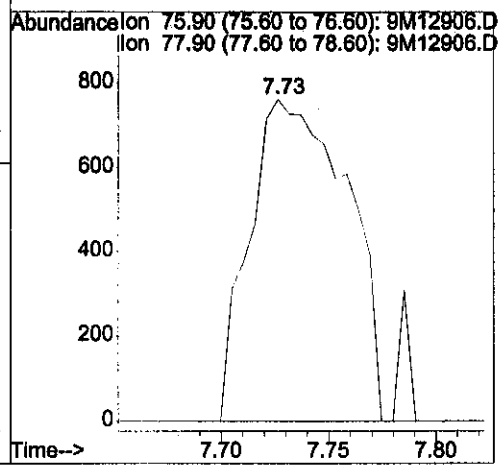


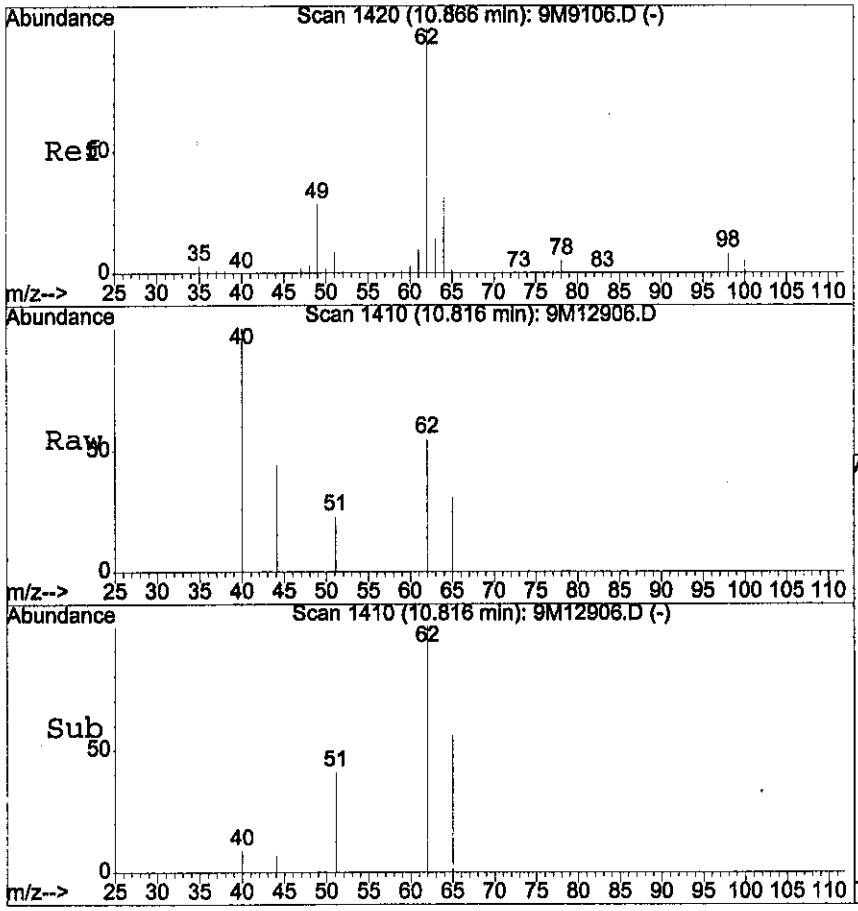


#16
Carbon Disulfide
Concen: 0.75 ug/L
RT: 7.73 min Scan# 831
Delta R.T. 0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 76 Resp: 2394

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

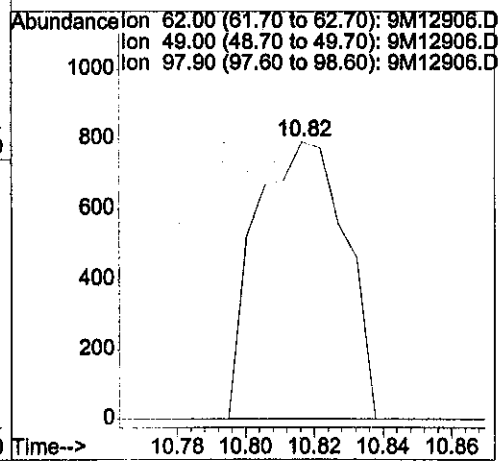


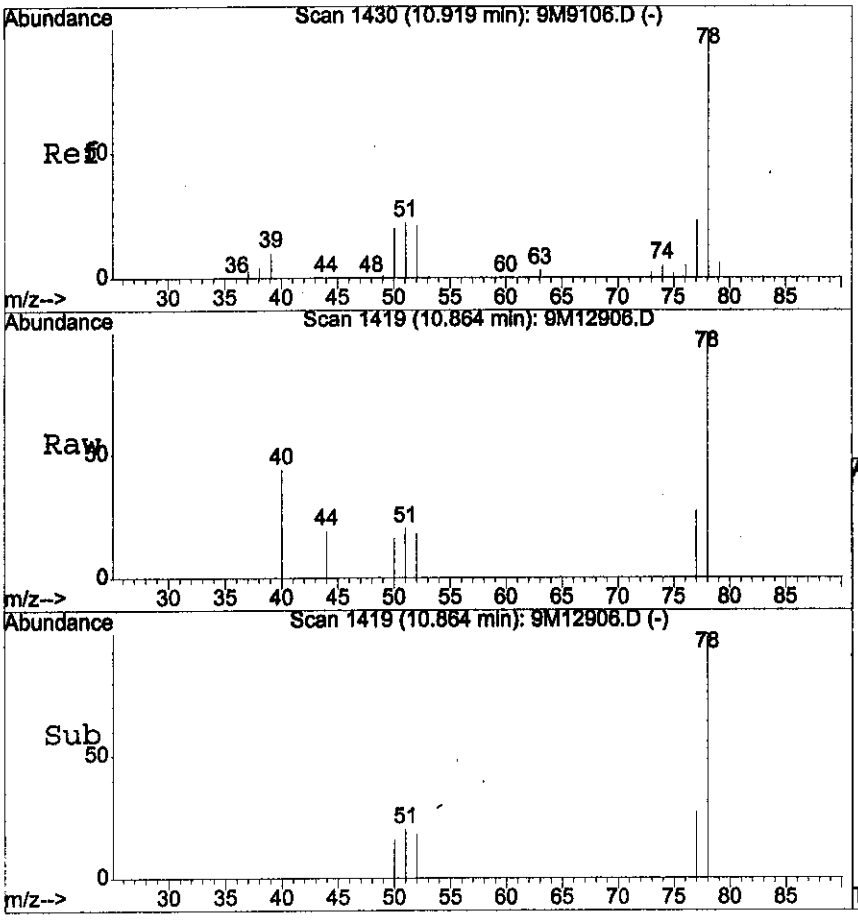


#34
1,2-Dichloroethane
Concen: 1.05 ug/L
RT: 10.82 min Scan# 1410
Delta R.T. 0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 62 Resp: 1430

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#

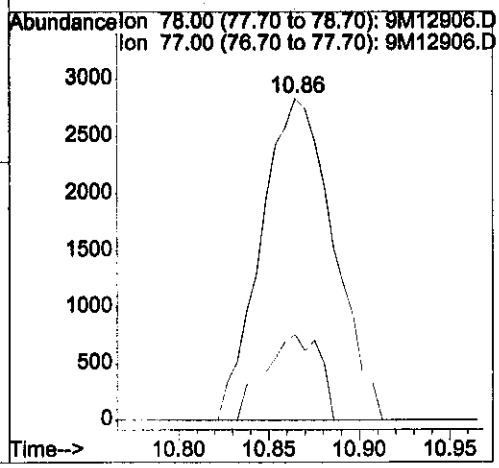


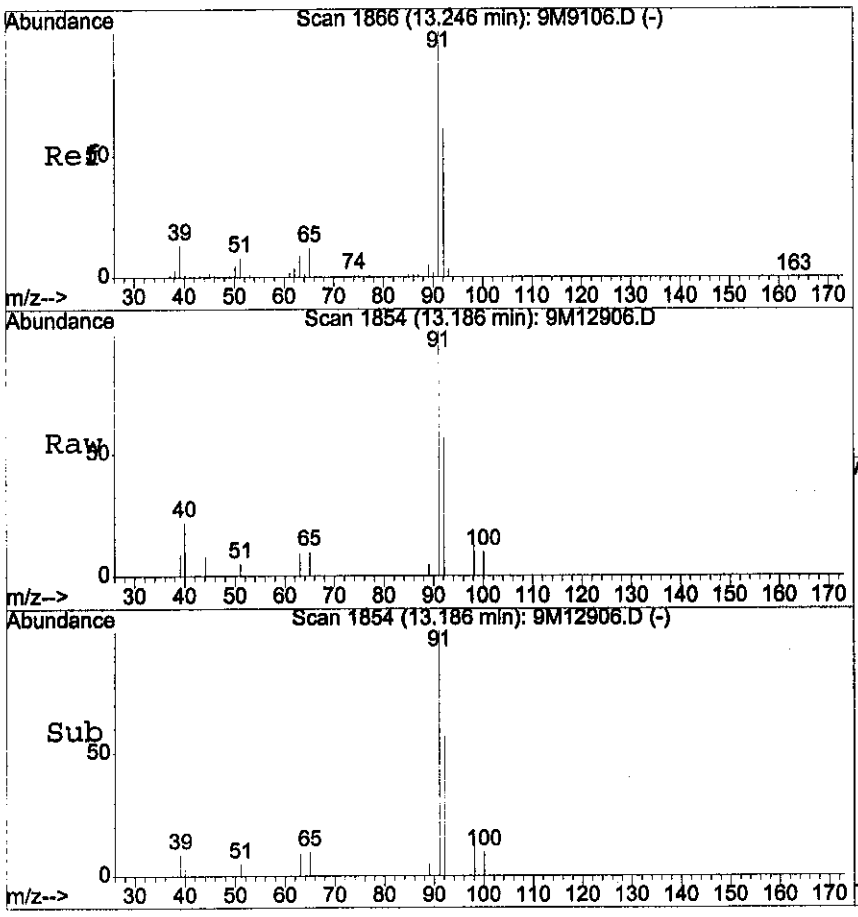


#35
Benzene
Concen: 1.95 ug/L
RT: 10.86 min Scan# 1419
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 78 Resp: 7878

Ion	Ratio	Lower	Upper
78	100		
77	20.0	17.8	26.6

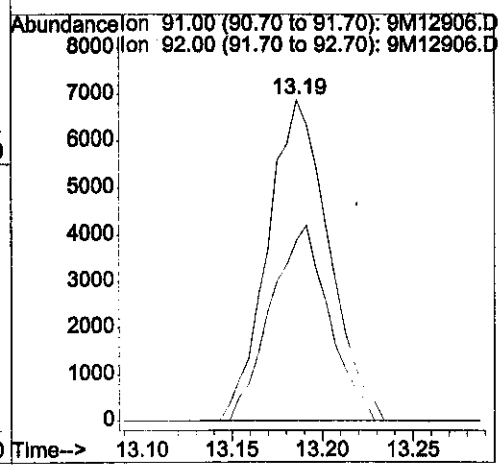


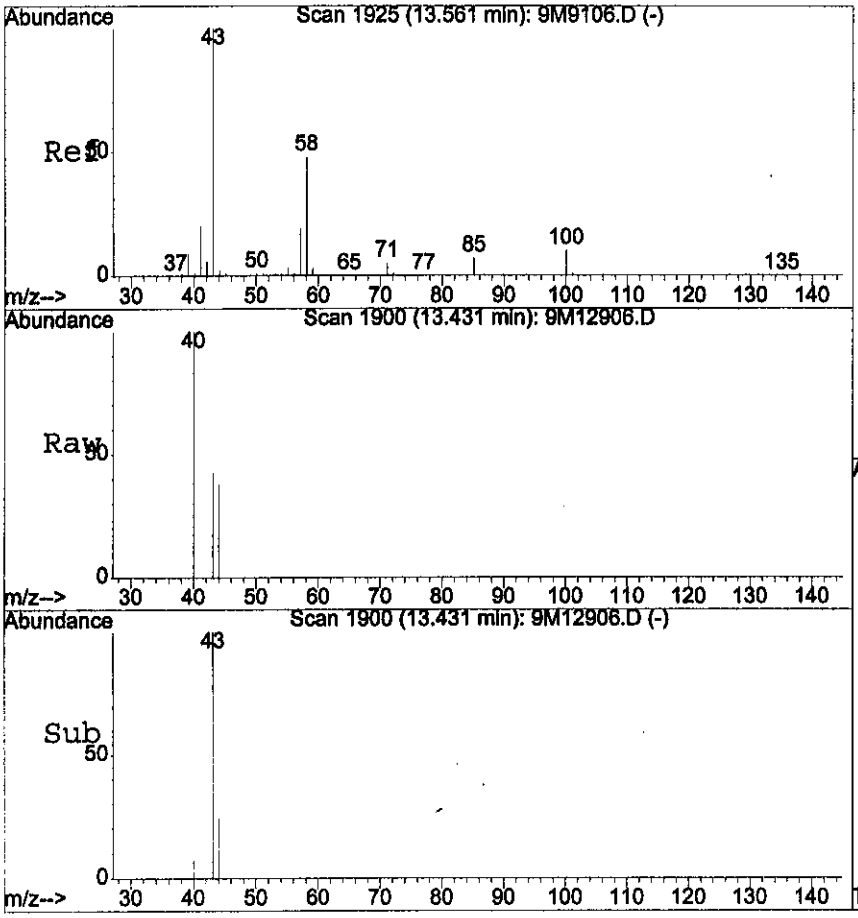


#46
Toluene
Concen: 4.00 ug/L
RT: 13.19 min Scan# 1854
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 91 Resp: 16187

Ion	Ratio	Lower	Upper
91	100		
92	58.2	48.7	73.1

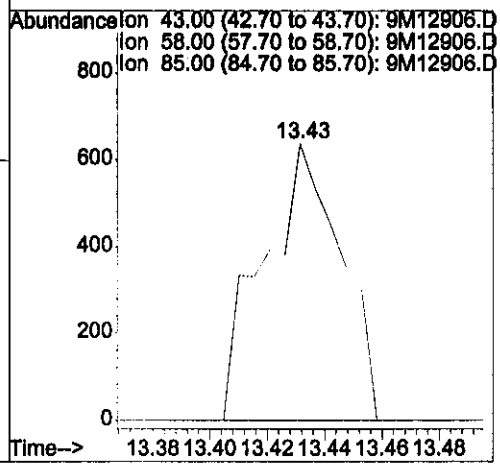


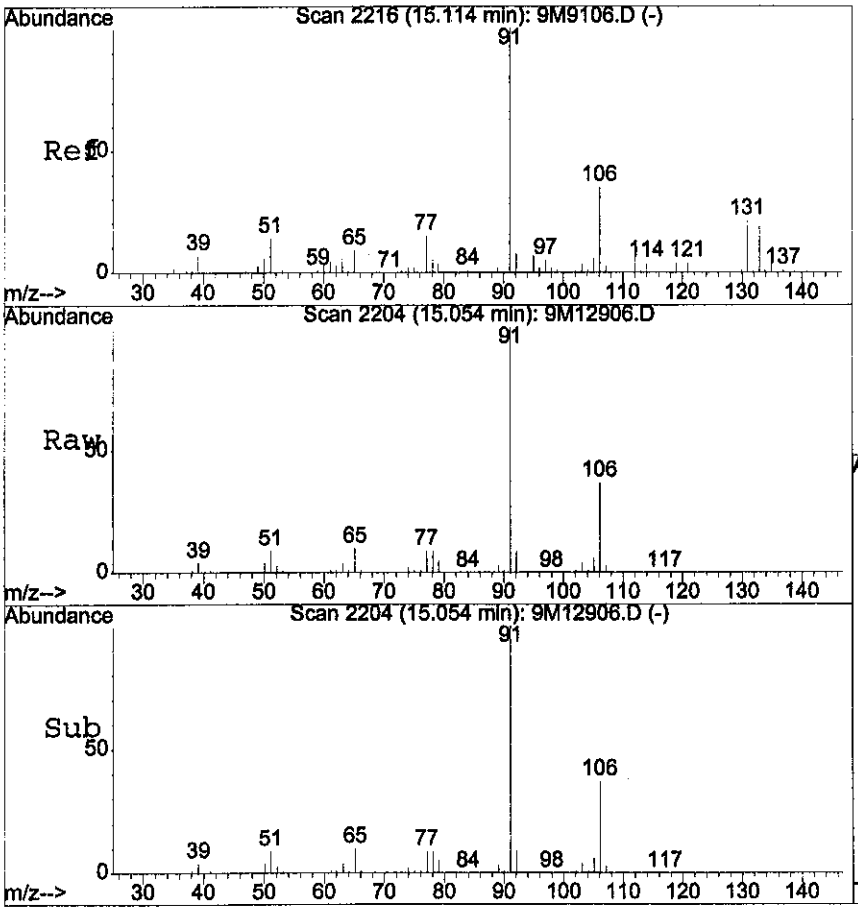


#50
2-Hexanone
Concen: 3.50 ug/L
RT: 13.43 min Scan# 1900
Delta R.T. -0.08 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 43 Resp: 1187

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#

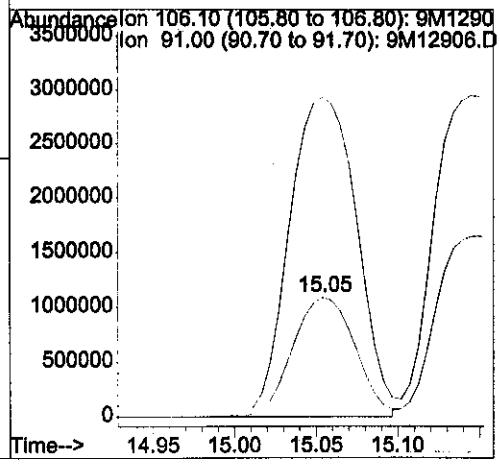


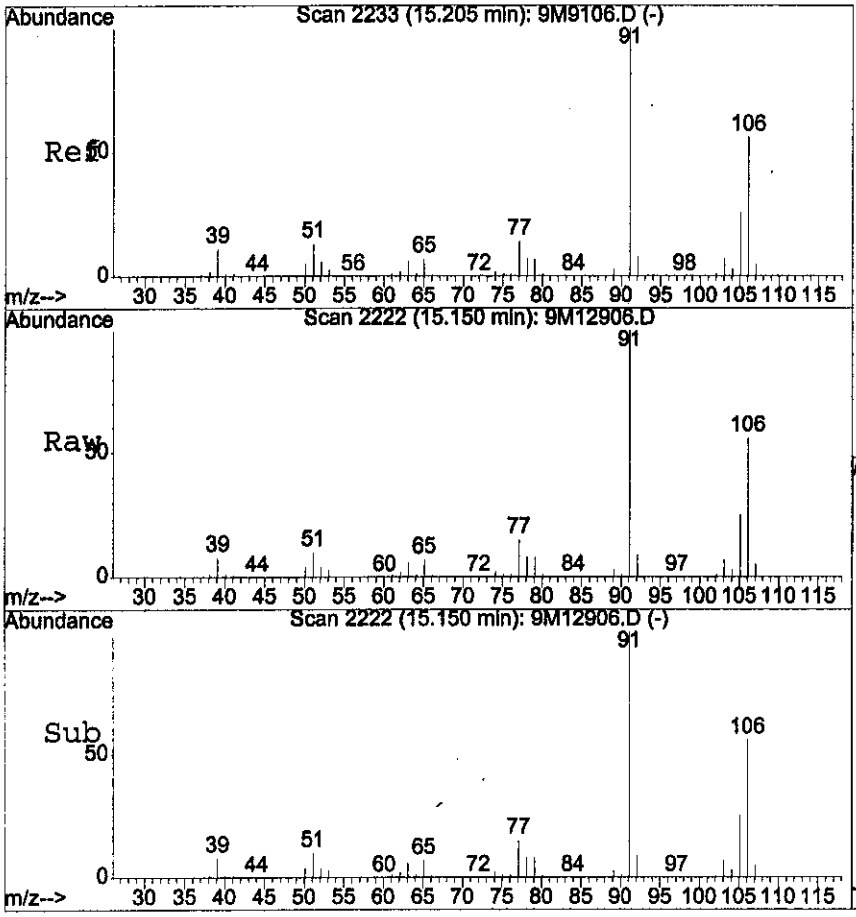


#58
Ethylbenzene
Concen: 1851.96 ug/L
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:106 Resp: 2888651

Ion	Ratio	Lower	Upper
106	100		
91	290.6	252.8	379.2

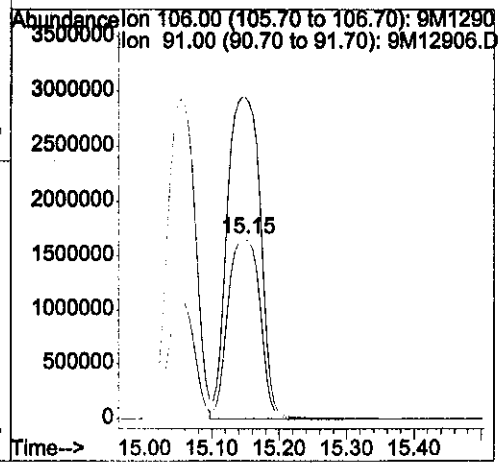


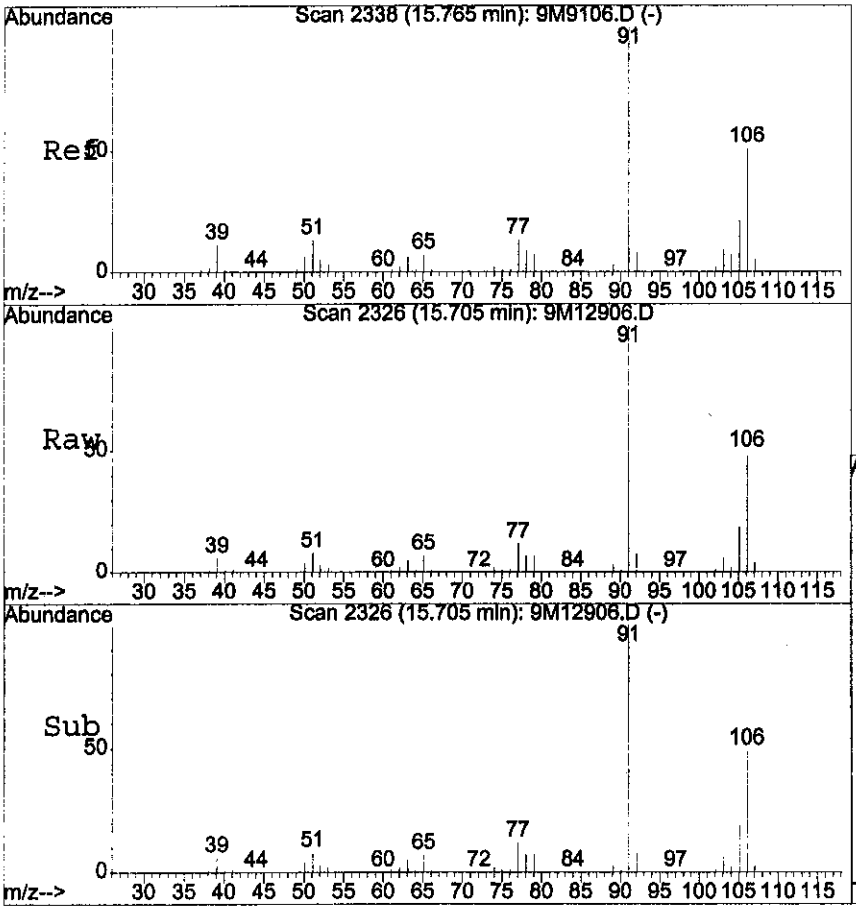


#59
m-,p-Xylene
Concen: Below Cal
RT: 15.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:106 Resp: 5451113

Ion	Ratio	Lower	Upper
106	100		
91	183.9	158.8	238.2

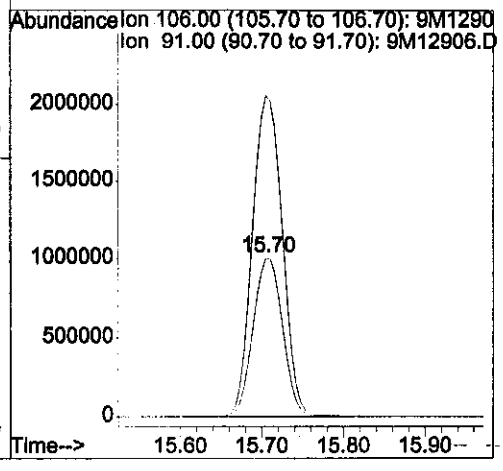


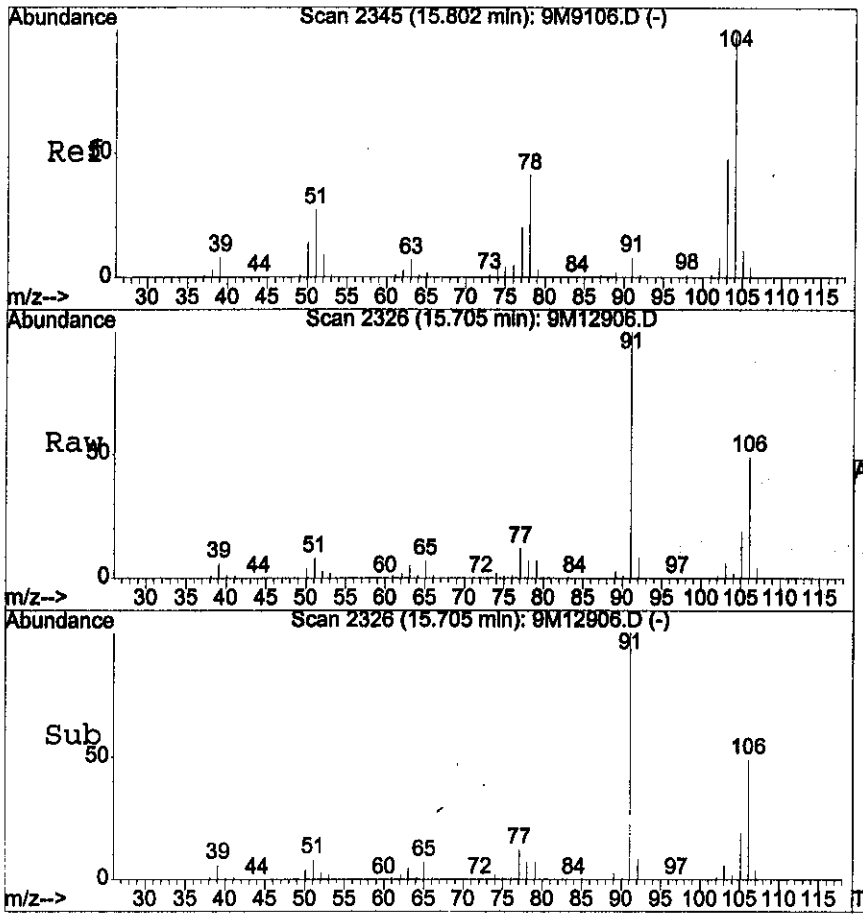


#60
o-Xylene
Concen: 1615.21 ug/L
RT: 15.70 min Scan# 2326
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:106 Resp: 2525372

Ion	Ratio	Lower	Upper
106	100		
91	206.6	169.6	254.4

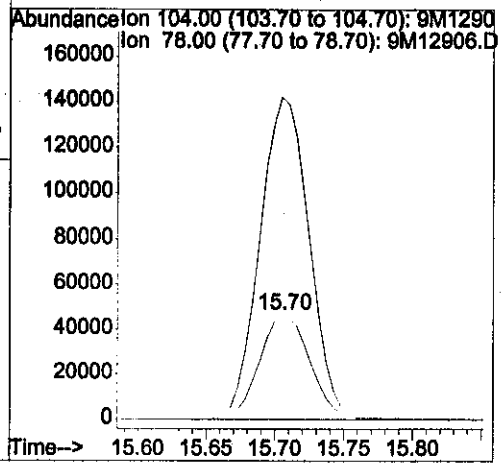


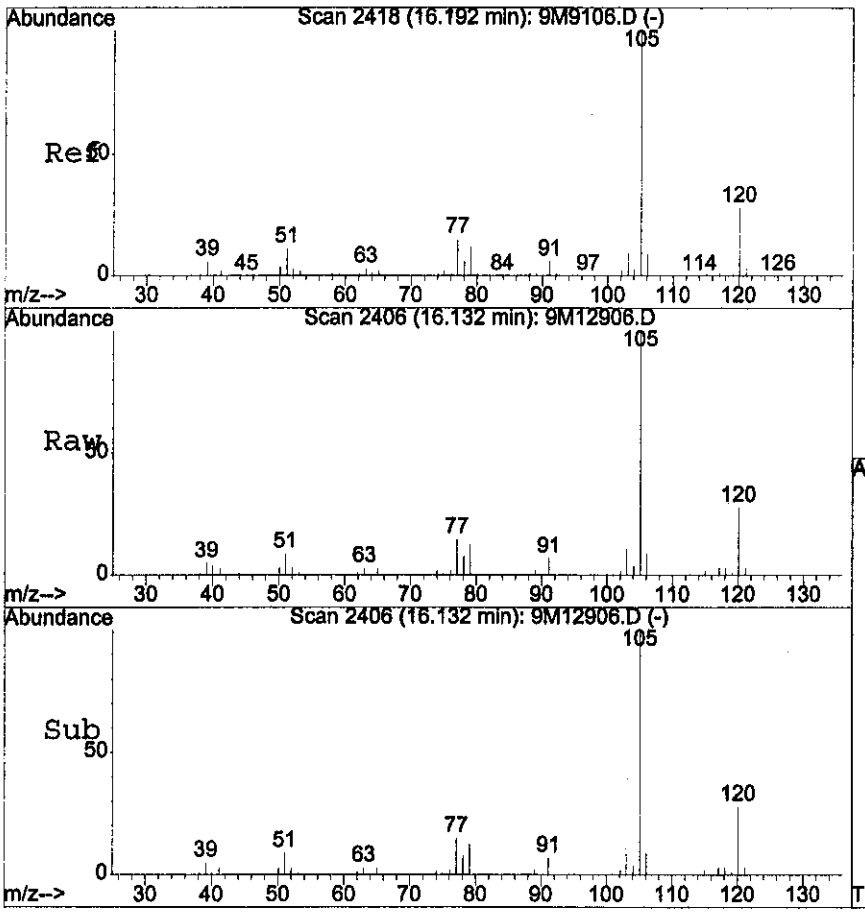


#61
Styrene
Concen: 31.31 ug/L
RT: 15.70 min Scan# 2326
Delta R.T. -0.04 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:104 Resp: 117126

Ion	Ratio	Lower	Upper
104	100		
78	302.6	40.2	60.4#

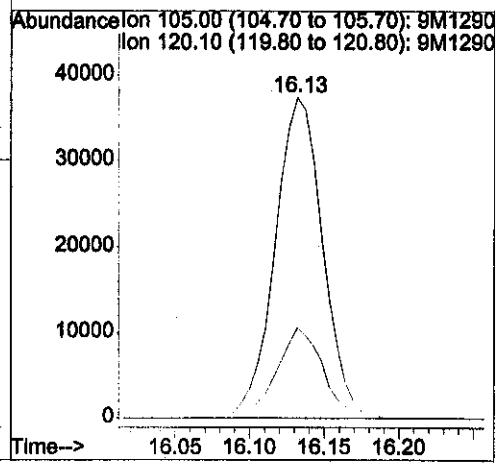


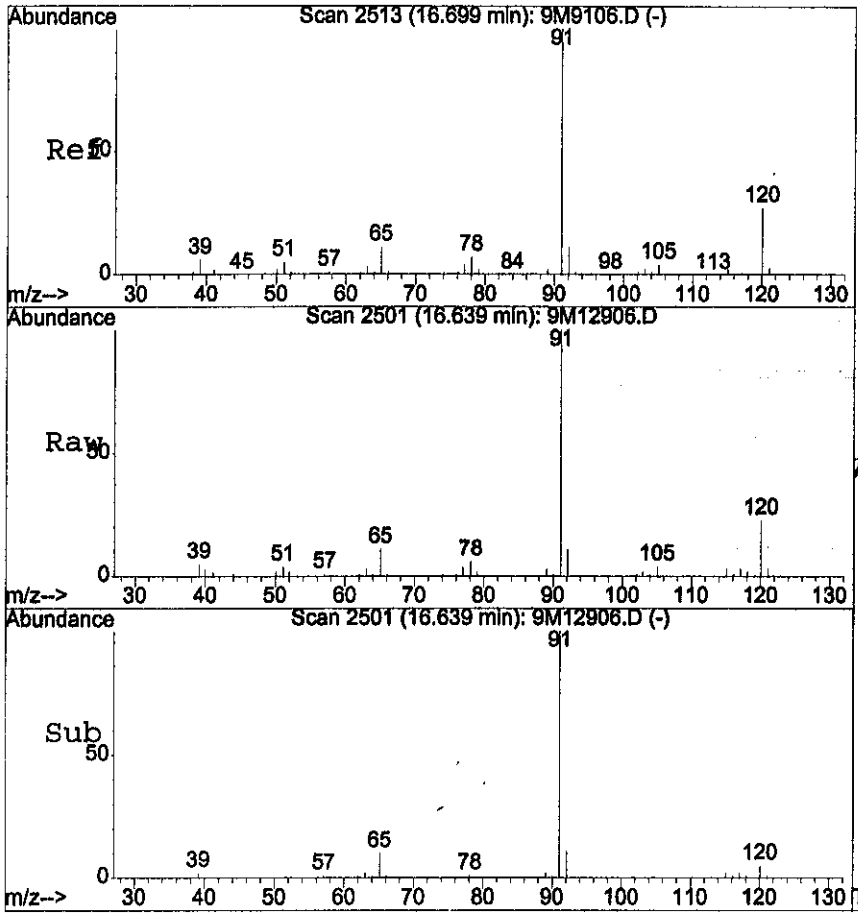


#63
Isopropylbenzene
Concen: 14.33 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:105 Resp: 82988

Ion	Ratio	Lower	Upper
105	100		
120	27.0	21.0	31.4

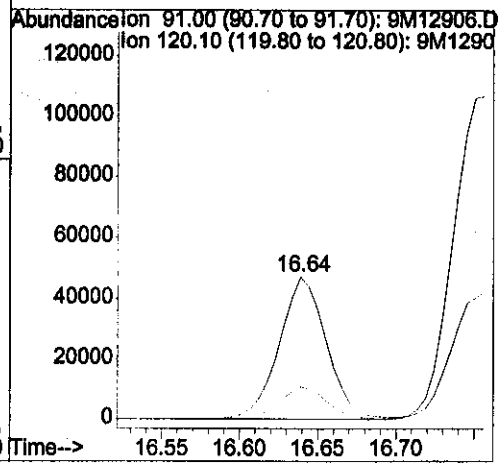


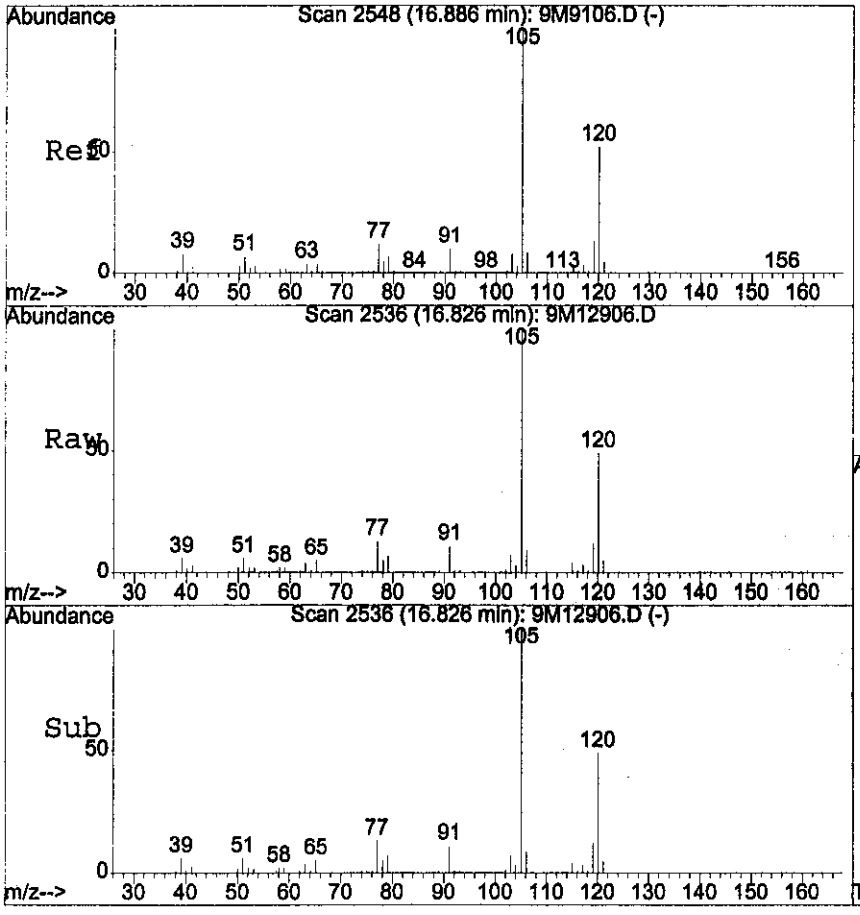


#69
n-Propylbenzene
Concen: 14.56 ug/L
RT: 16.64 min Scan# 2501
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 91 Resp: 98882

Ion	Ratio	Lower	Upper
91	100		
120	22.5	18.3	27.5

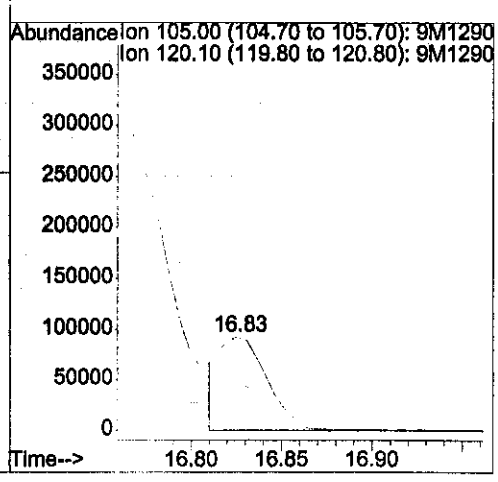


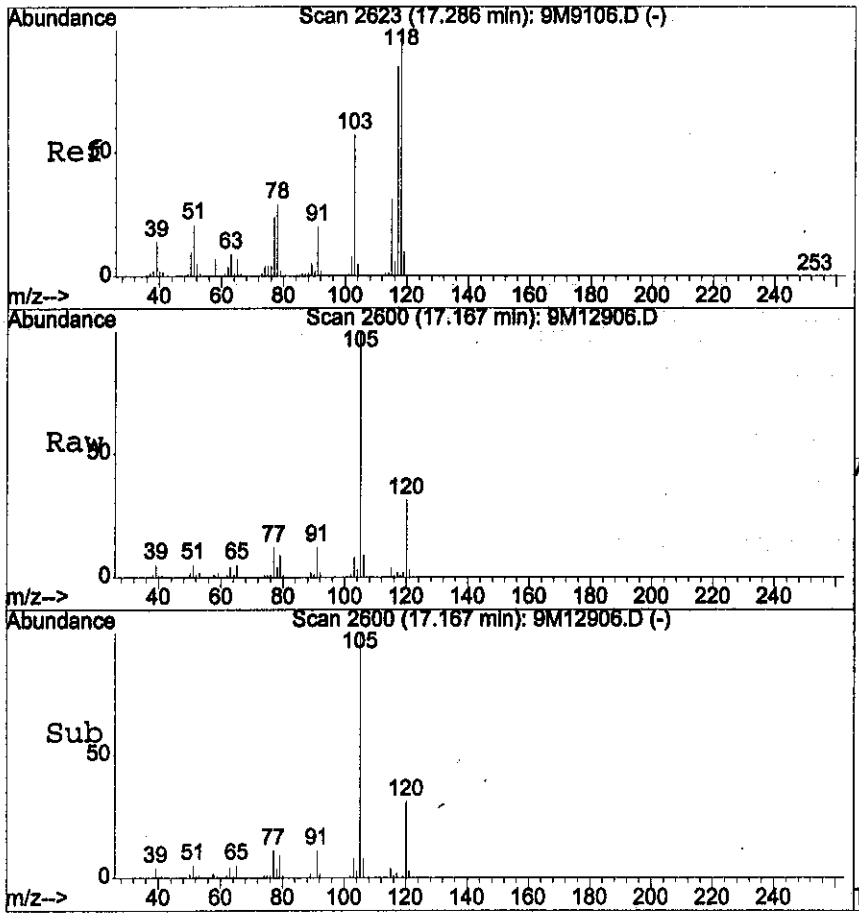


#71
1,3,5-Trimethylbenzene
Concen: 35.95 ug/L
RT: 16.83 min Scan# 2536
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:105 Resp: 173977

Ion	Ratio	Lower	Upper
105	100		
120	54.1	38.9	58.3

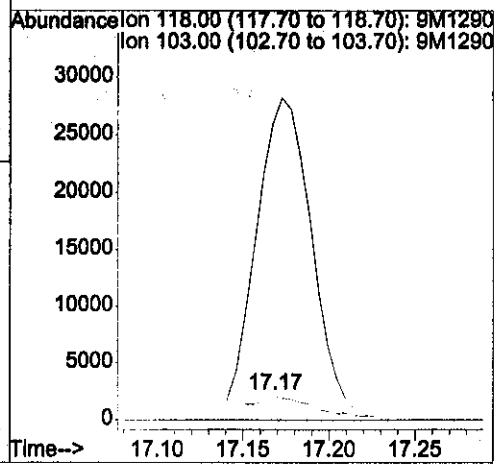


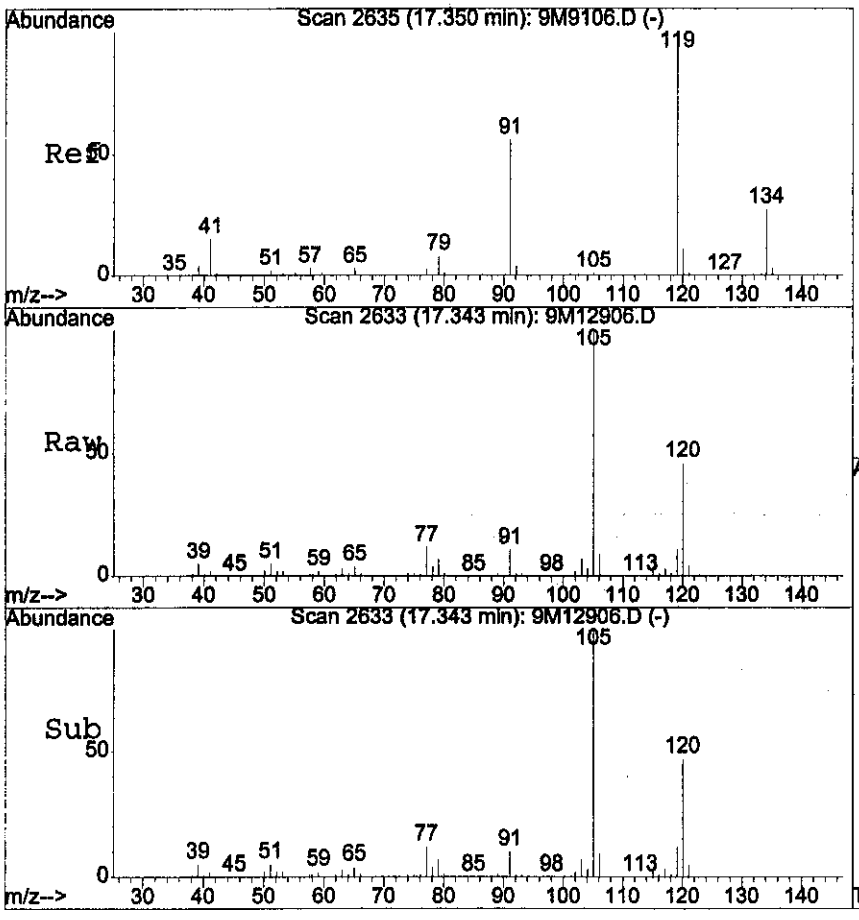


#74
a-Methylstyrene
Concen: 2.65 ug/L
RT: 17.17 min Scan# 2600
Delta R.T. -0.06 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:118 Resp: 5898

Ion	Ratio	Lower	Upper
118	100		
103	1086.5	44.9	67.3#

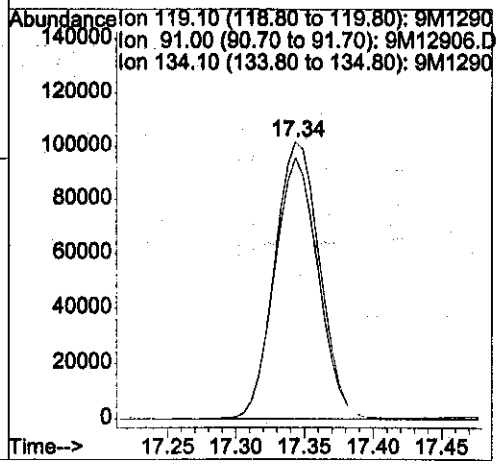


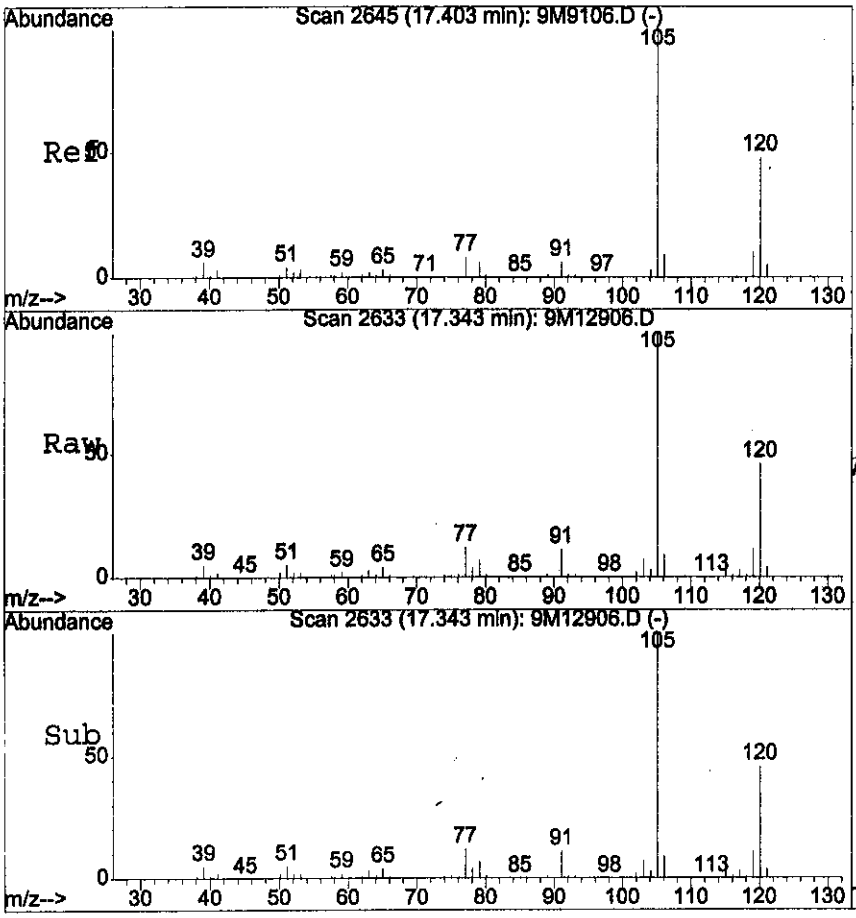


#75
tert-Butylbenzene
Concen: 63.41 ug/L
RT: 17.34 min Scan# 2633
Delta R.T. 0.05 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:119 Resp: 229980

Ion	Ratio	Lower	Upper
119	100		
91	92.1	48.6	73.0#
134	0.0	21.0	31.4#

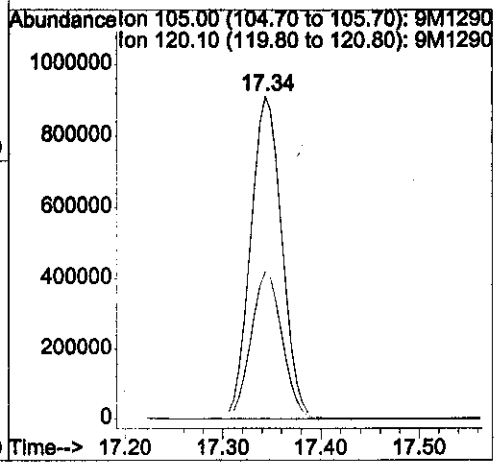


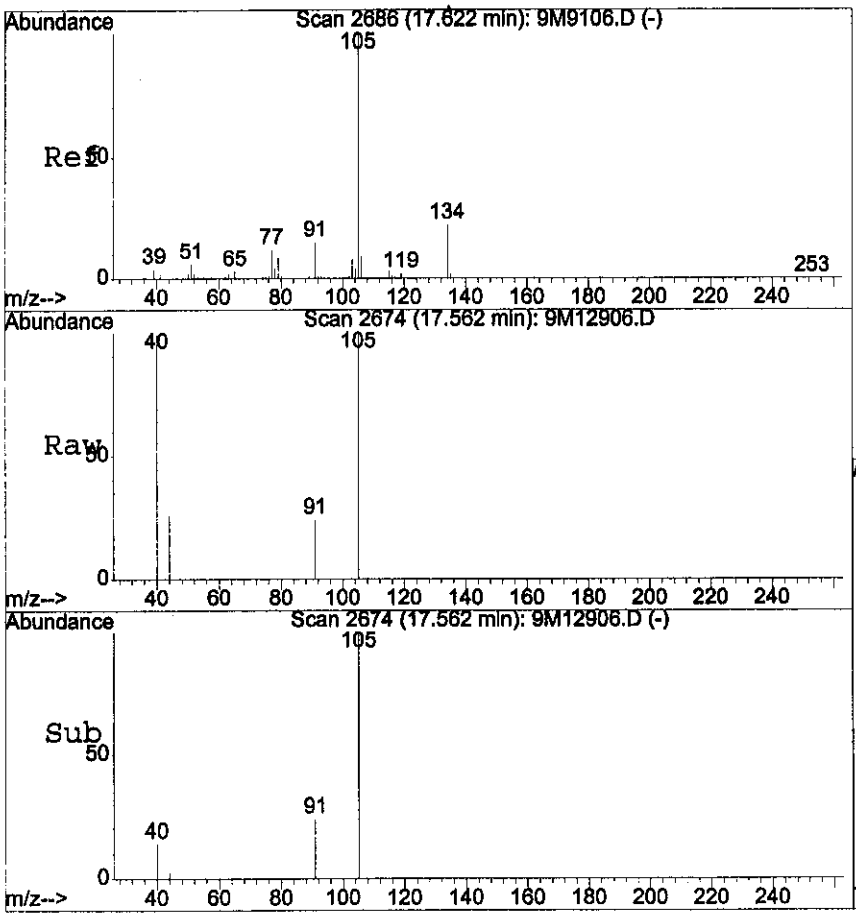


#76
1,2,4-Trimethylbenzene
Concen: 480.62 ug/L
RT: 17.34 min Scan# 2633
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:105 Resp: 2033602

Ion	Ratio	Lower	Upper
105	100		
120	45.8	36.6	55.0

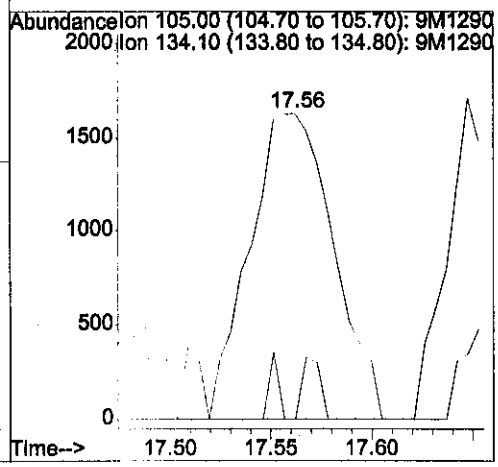


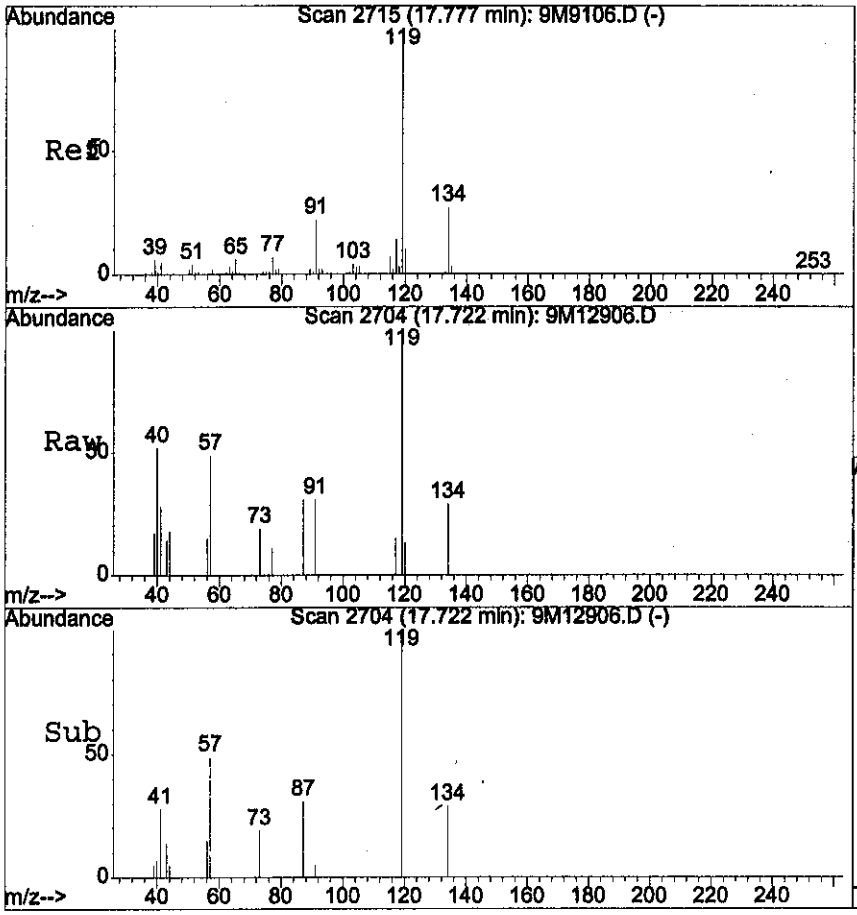


#77
sec-Butylbenzene
Concen: 0.92 ug/L
RT: 17.56 min Scan# 2674
Delta R.T. -0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:105 Resp: 4670

Ion	Ratio	Lower	Upper
105	100		
134	4.3	15.8	23.8#

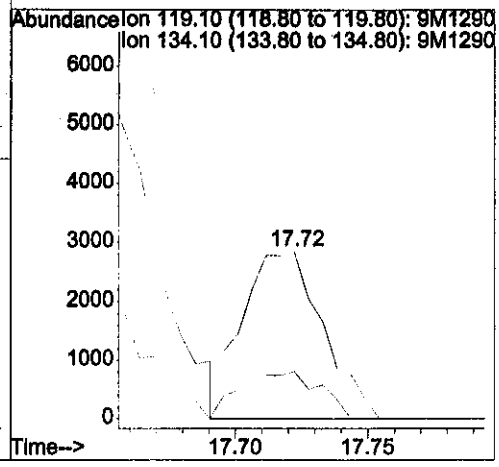


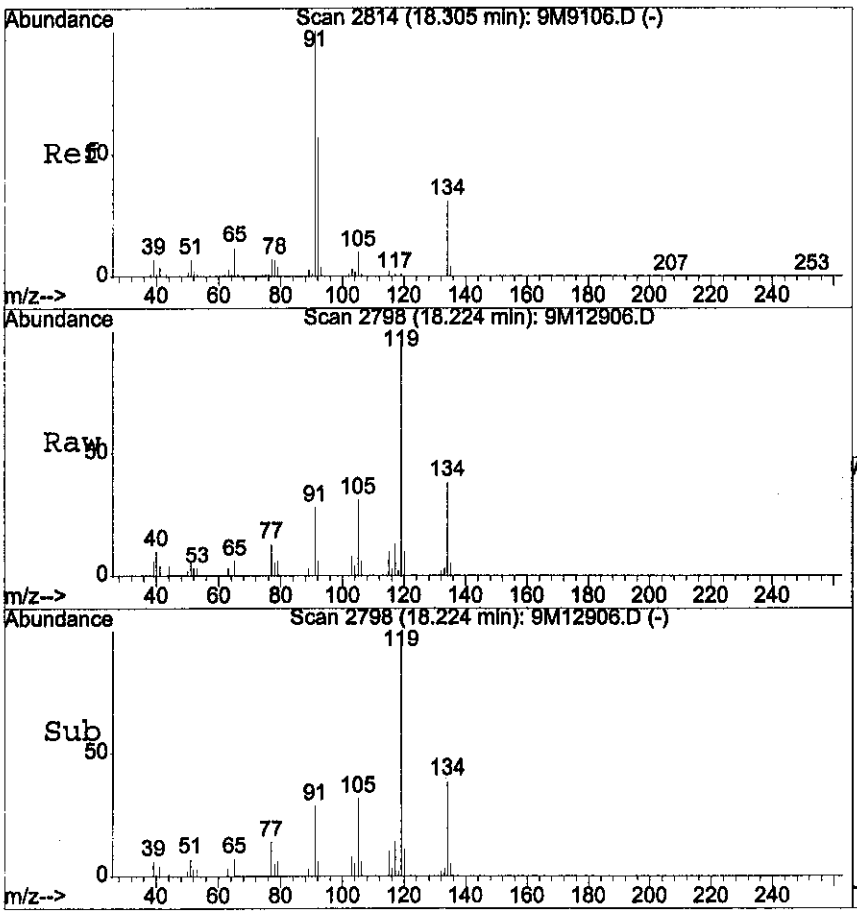


#78
p-Isopropyltoluene
Concen: 1.14 ug/L
RT: 17.72 min Scan# 2704
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:119 Resp: 6055

Ion	Ratio	Lower	Upper
119	100		
134	27.3	21.4	32.0

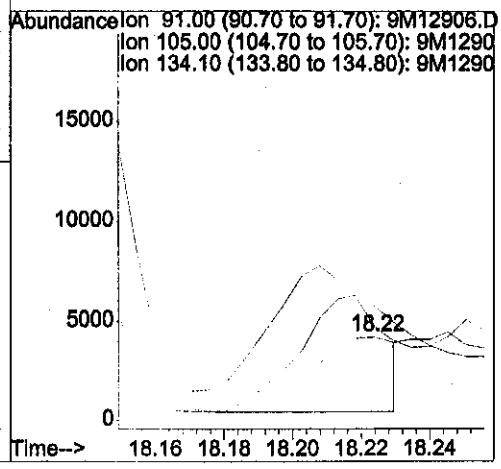


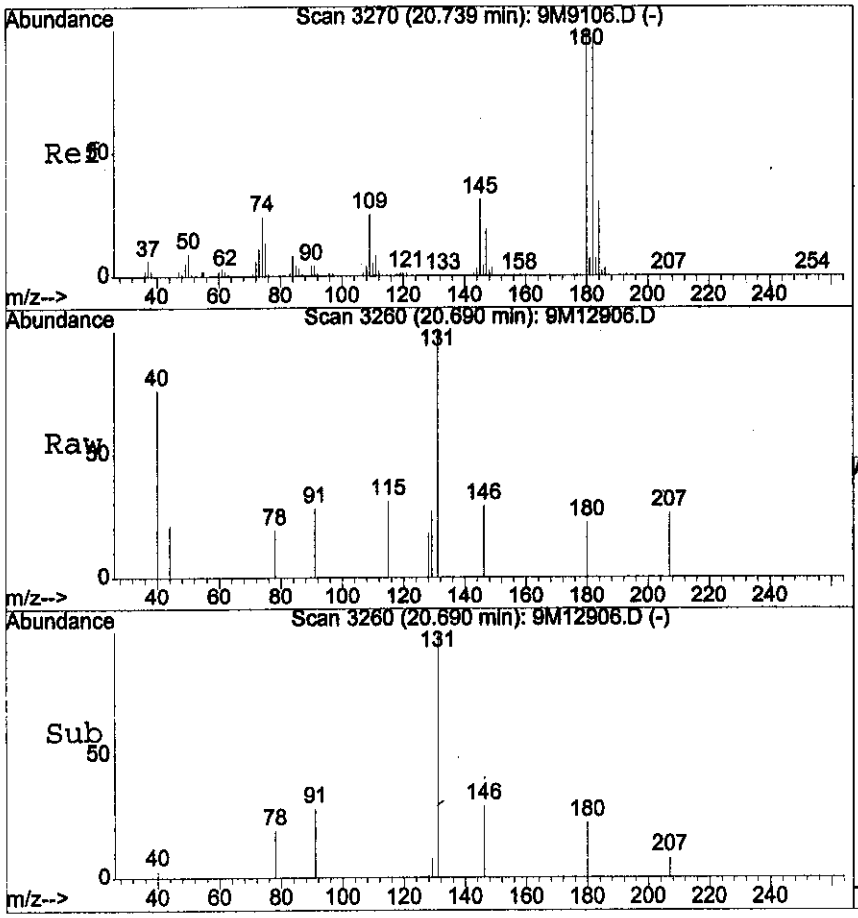


#81
n-Butylbenzene
Concen: 1.68 ug/L
RT: 18.22 min Scan# 2798
Delta R.T. -0.02 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion: 91 Resp: 6592

Ion	Ratio	Lower	Upper
91	100		
105	280.9	6.7	10.1#
134	306.8	21.0	31.6#

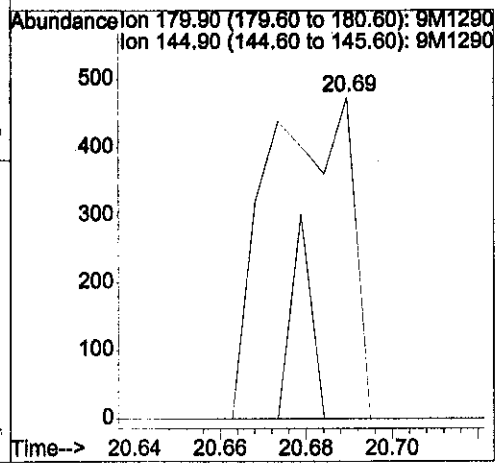


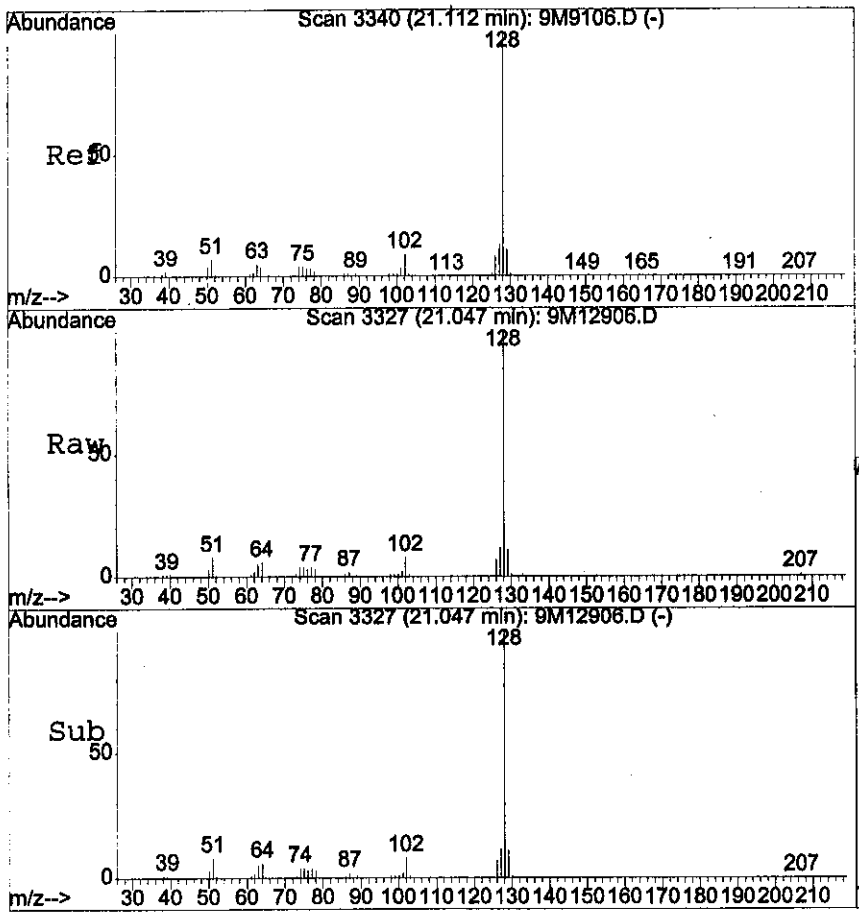


#84
1,2,4-Trichlorobenzene
Concen: 0.39 ug/L
RT: 20.69 min Scan# 3260
Delta R.T. 0.01 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:180 Resp: 639

Ion	Ratio	Lower	Upper
180	100		
145	0.0	22.2	33.4#

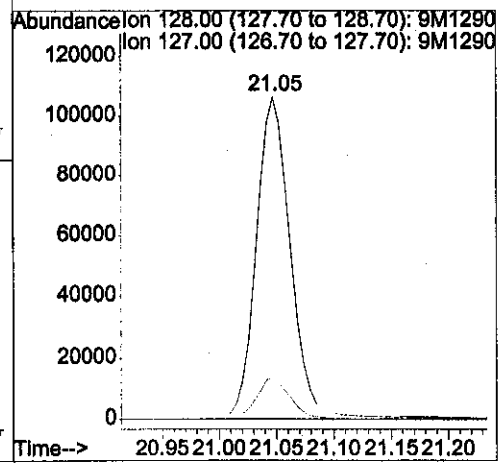


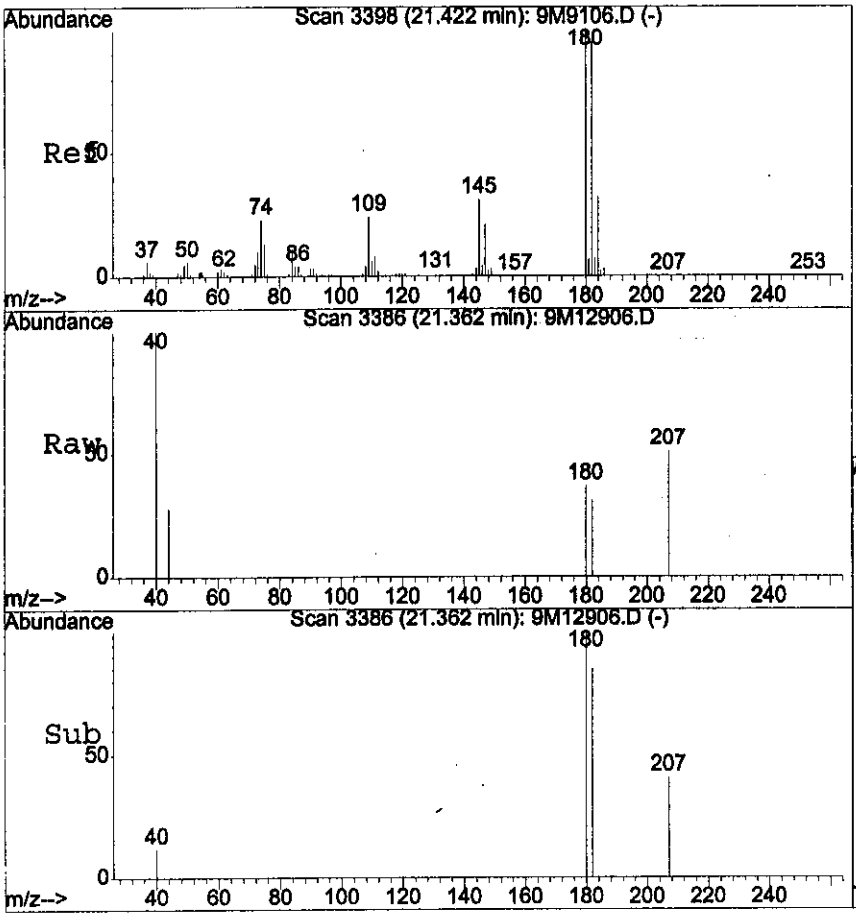


#86
Naphthalene
Concen: 91.99 ug/L
RT: 21.05 min Scan# 3327
Delta R.T. -0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:128 Resp: 220097

Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.8	14.6

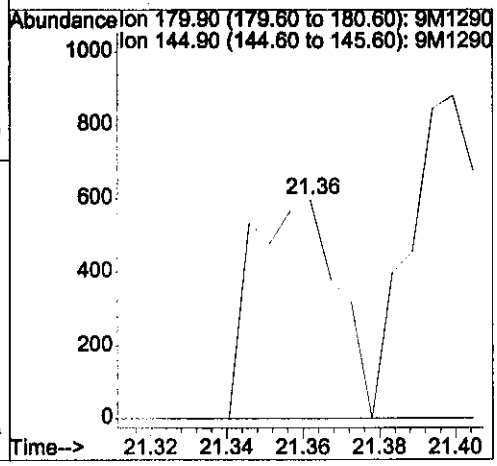




#87
1,2,3-Trichlorobenzene
Concen: 0.75 ug/L
RT: 21.36 min Scan# 3386
Delta R.T. 0.00 min
Lab File: 9M12906.D
Acq: 17 Oct 2000 11:39

Tgt Ion:180 Resp: 921

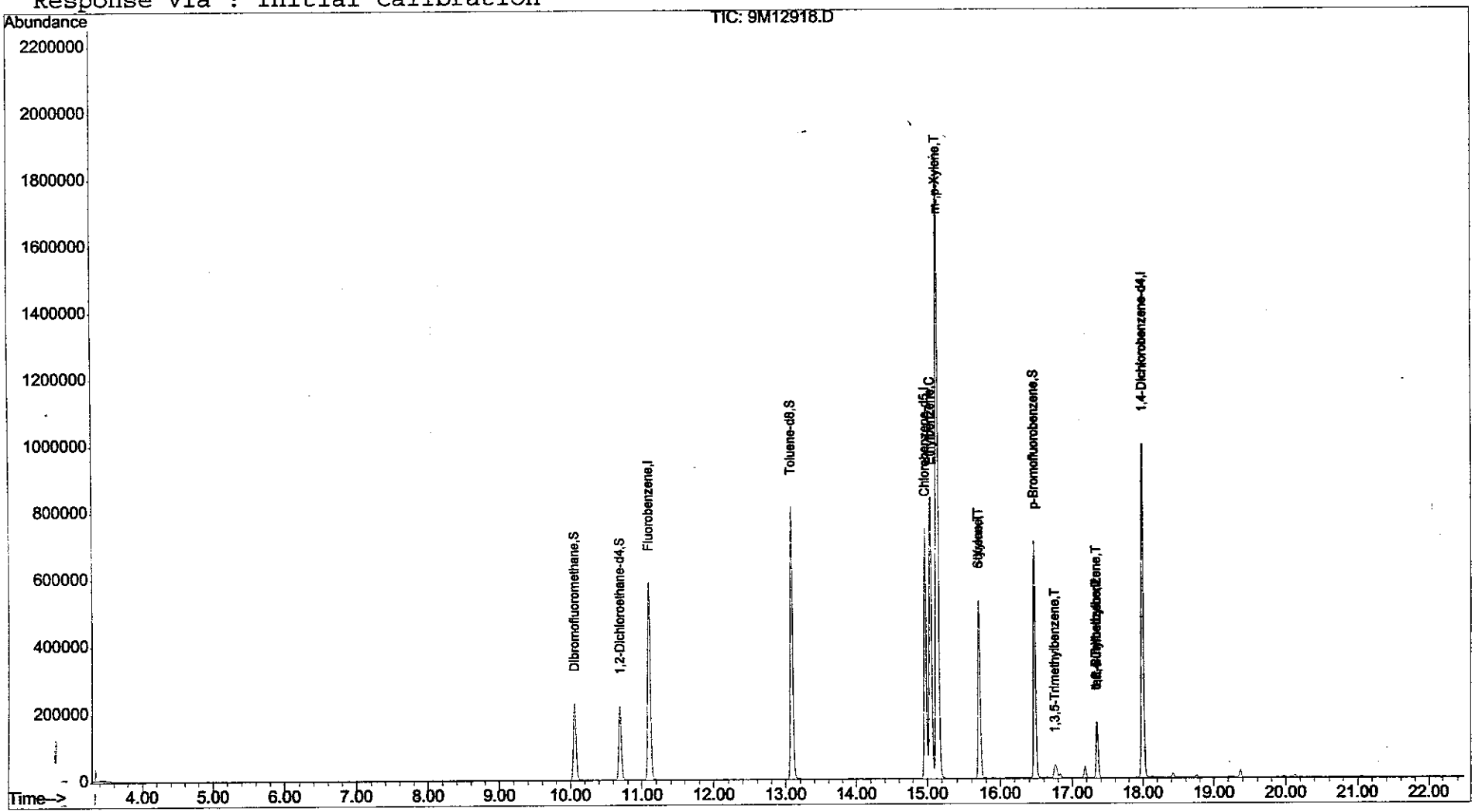
Ion	Ratio	Lower	Upper
180	100		
145	144.0	23.4	35.0#



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12918.D Vial: 18
Acq On : 17 Oct 2000 17:52 Operator: RSS
Sample : L0010212-02 100X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,100 (500UL/50ML) Multiplr: 100.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 18:14 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



8

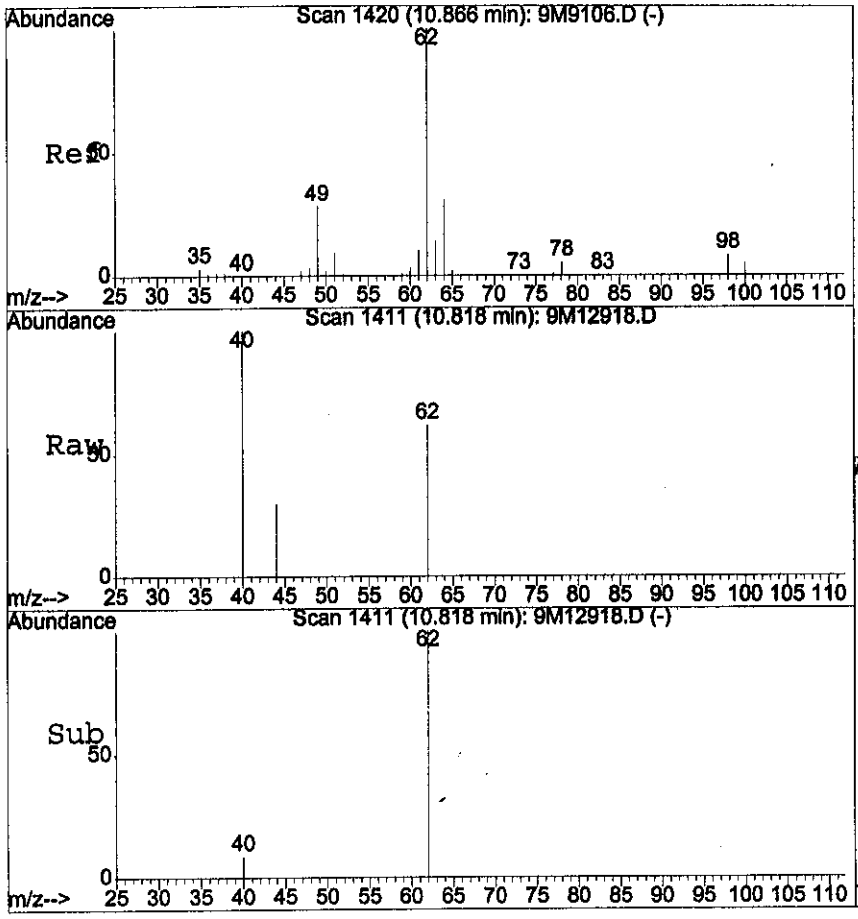
Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12918.D Vial: 18
Acq On : 17 Oct 2000 17:52 Operator: RSS
Sample : L0010212-02 100X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,100 (500UL/50ML) Multiplr: 100.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 18:14 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	686110	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.98	117	512994	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	334202	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.07	111	192298	24.56	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.24%				
33) 1,2-Dichloroethane-d4	10.70	65	208584	27.13	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 108.52%				
45) Toluene-d8	13.09	98	693465	27.33	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 109.32%				
66) p-Bromofluorobenzene	16.48	95	299598	26.51	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 106.04%				
Target Compounds							Qvalue
34) 1,2-Dichloroethane	10.82	62	1005	~~10.63 ug/L~~		#	47
46) Toluene	13.19	91	1176	~~4.11 ug/L~~		#	65
58) Ethylbenzene	15.06	106	256413	2322.47	ug/L		97
59) m-,p-Xylene	15.15	106	754986	5222.85	ug/L		95
60) o-Xylene	15.71	106	191501	~~1258.68 ug/L~~			97
61) Styrene	15.71	104	9722	~~36.53 ug/L~~		#	1
63) Isopropylbenzene	16.13	105	2274	~~5.53 ug/L~~		#	76
69) n-Propylbenzene	16.64	91	4091	~~7.75 ug/L~~		#	74
71) 1,3,5-Trimethylbenzene	16.76	105	48368	~~128.40 ug/L~~		#	72
74) a-Methylstyrene	17.17	118	579	~~3.35 ug/L~~		#	1
75) tert-Butylbenzene	17.34	119	13848	~~49.27 ug/L~~		#	51
76) 1,2,4-Trimethylbenzene	17.35	105	117289	~~357.67 ug/L~~			99
86) Naphthalene	21.05	128	4507	~~24.31 ug/L~~		#	74

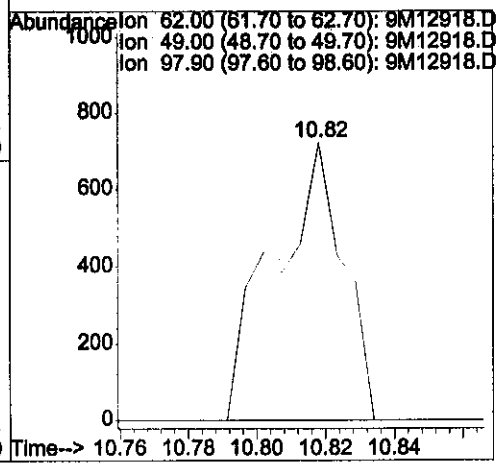
(#) = qualifier out of range (m) = manual integration
9M12918.D 8260WT.M Tue Oct 17 18:14:46 2000 HPMS_9 Page 19

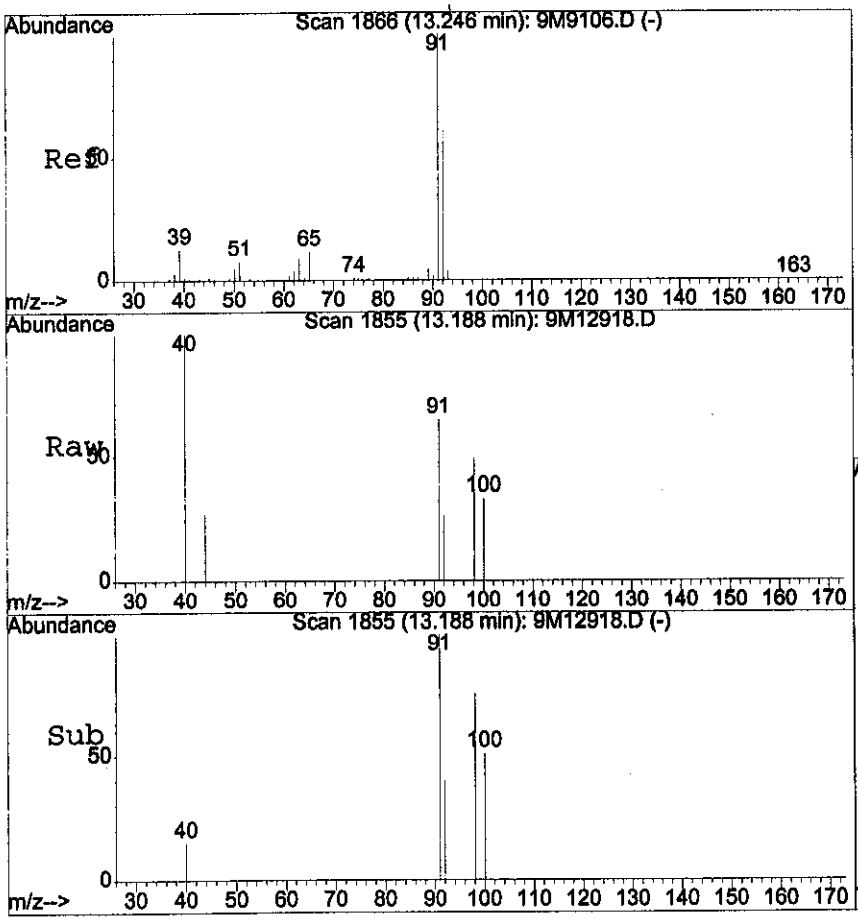


#34
1,2-Dichloroethane
Concen: 10.63 ug/L
RT: 10.82 min Scan# 1411
Delta R.T. 0.01 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion: 62 Resp: 1005

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#

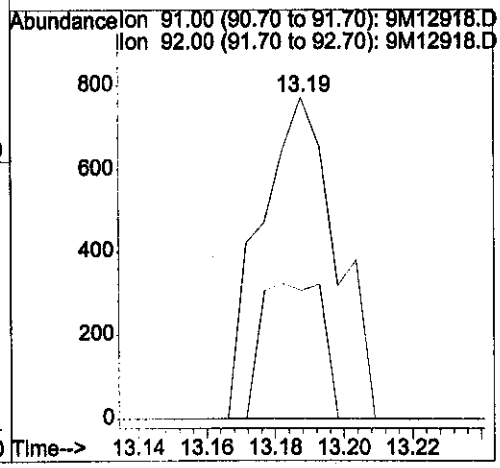


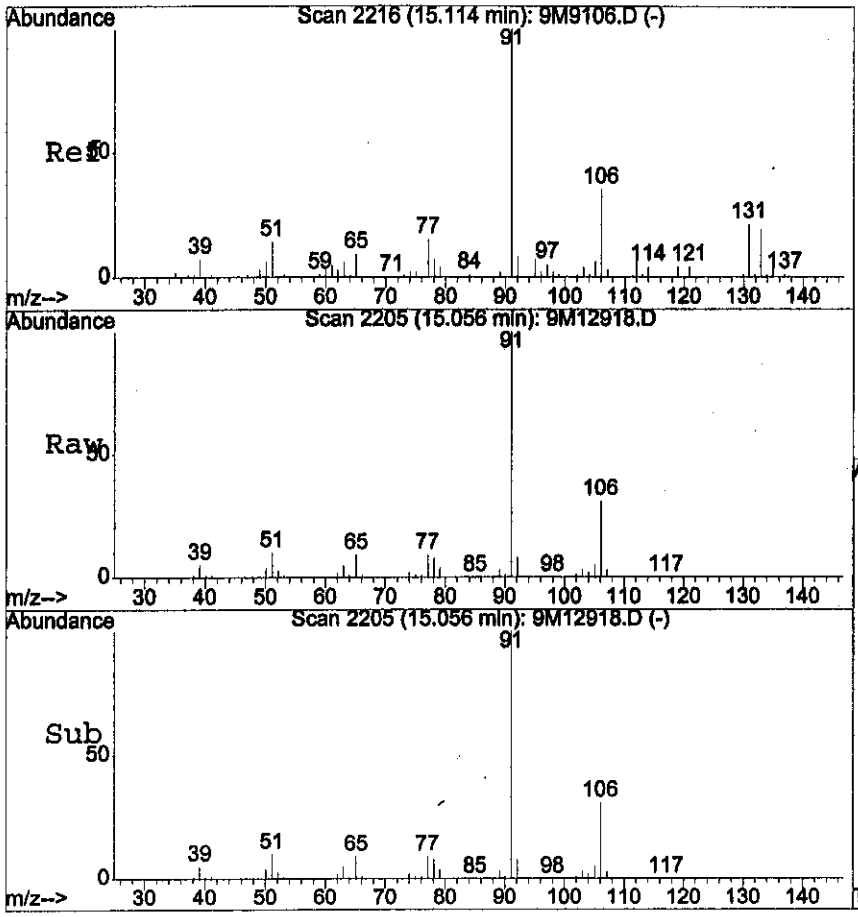


#46
Toluene
Concen: 4.11 ug/L
RT: 13.19 min Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion: 91 Resp: 1176

Ion	Ratio	Lower	Upper
91	100		
92	34.1	48.7	73.1#

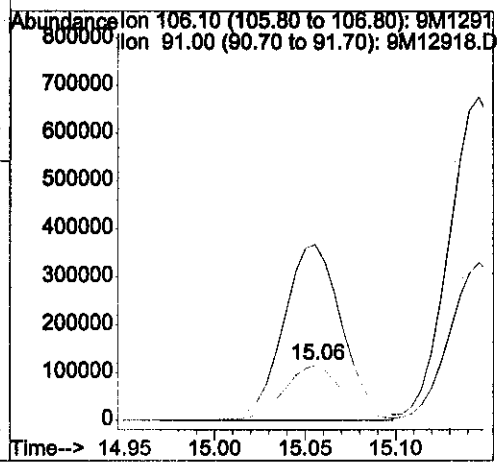


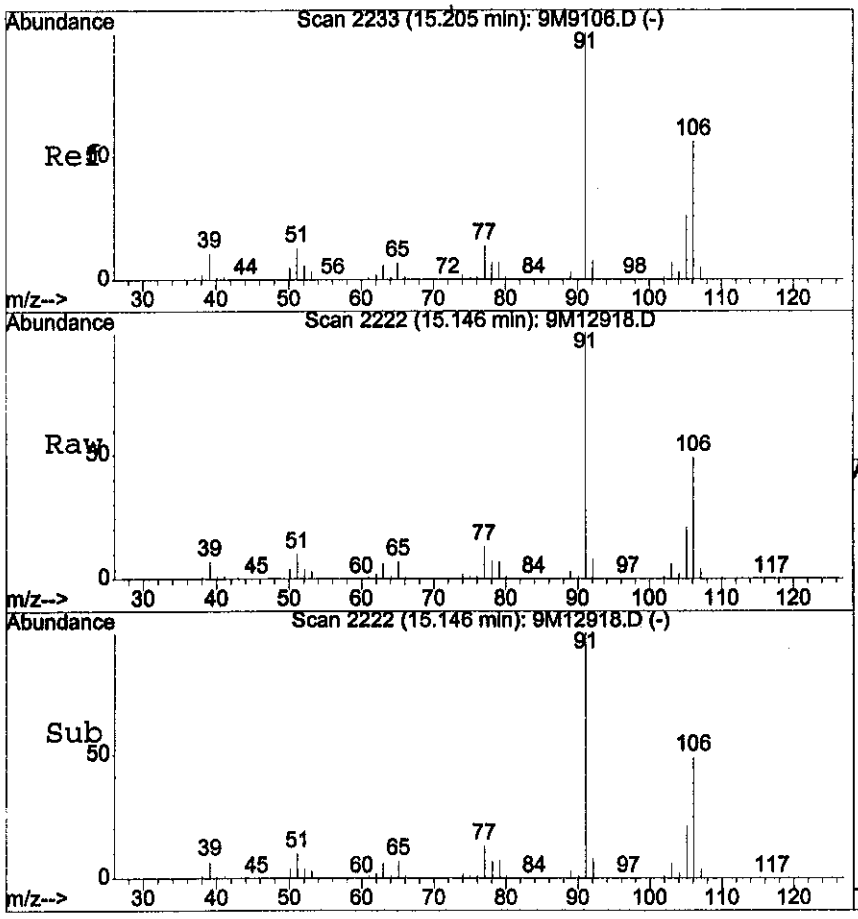


#58
Ethylbenzene
Concen: 2322.47 ug/L
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:106 Resp: 256413

Ion	Ratio	Lower	Upper
106	100		
91	322.6	252.8	379.2

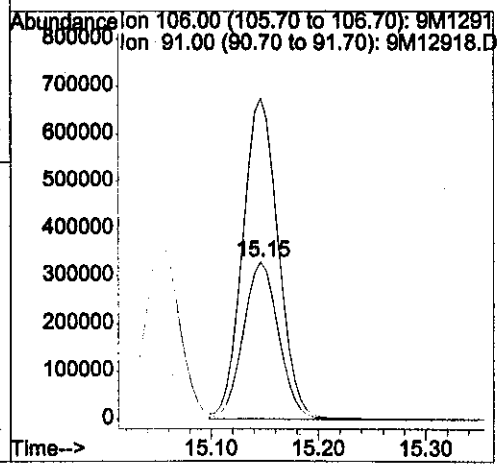


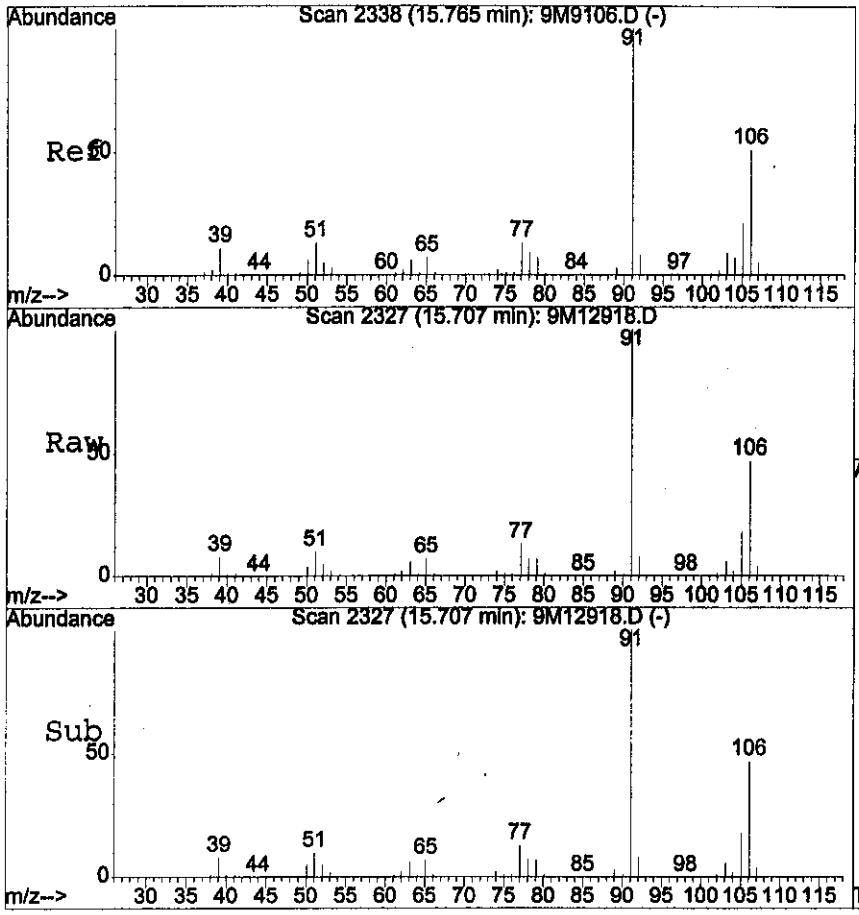


#59
m-,p-Xylene
Concen: 5222.85 ug/L
RT: 15.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:106 Resp: 754986

Ion	Ratio	Lower	Upper
106	100		
91	206.2	158.8	238.2

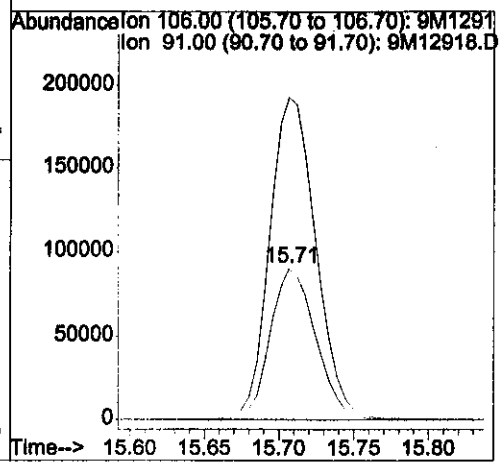


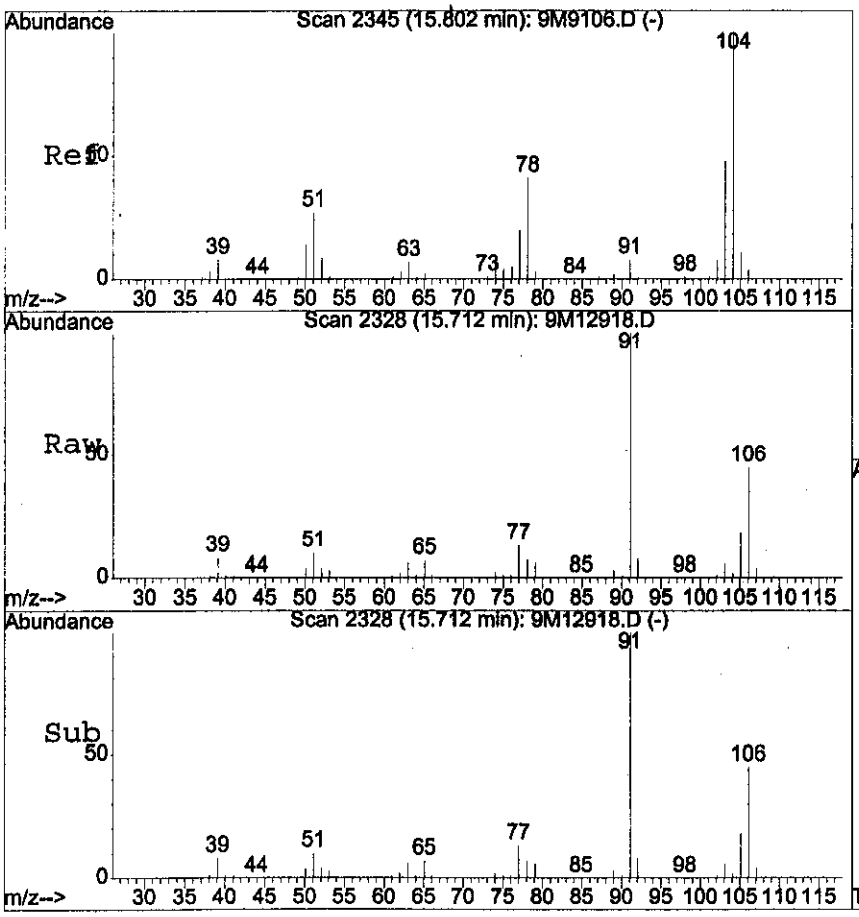


#60
o-Xylene
Concen: 1258.68 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. 0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:106 Resp: 191501

Ion	Ratio	Lower	Upper
106	100		
91	216.3	169.6	254.4

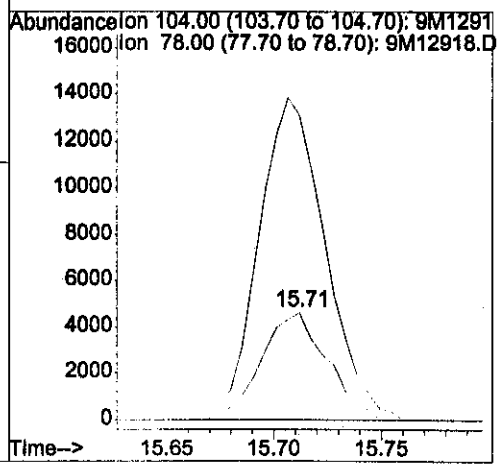


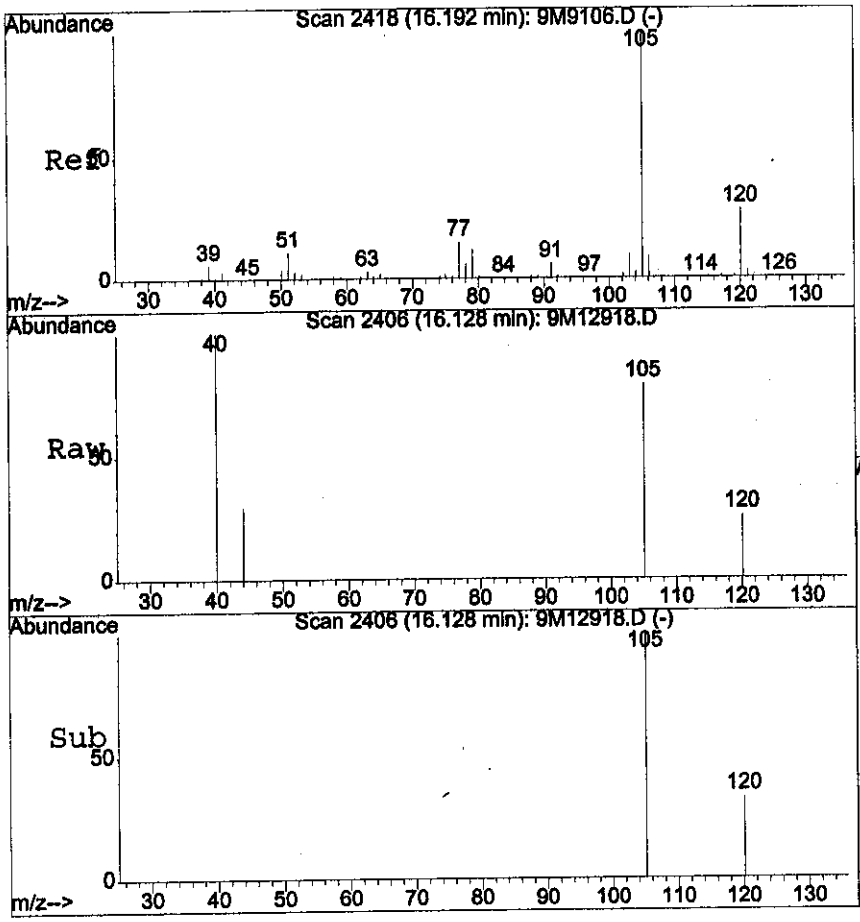


#61
Styrene
Concen: 36.53 ug/L
RT: 15.71 min Scan# 2328
Delta R.T. -0.03 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:104 Resp: 9722

Ion	Ratio	Lower	Upper
104	100		
78	305.3	40.2	60.4#

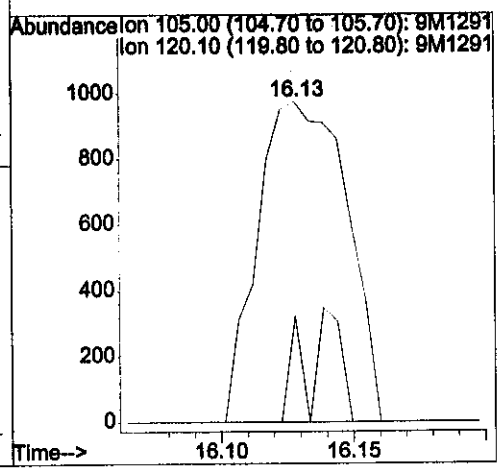


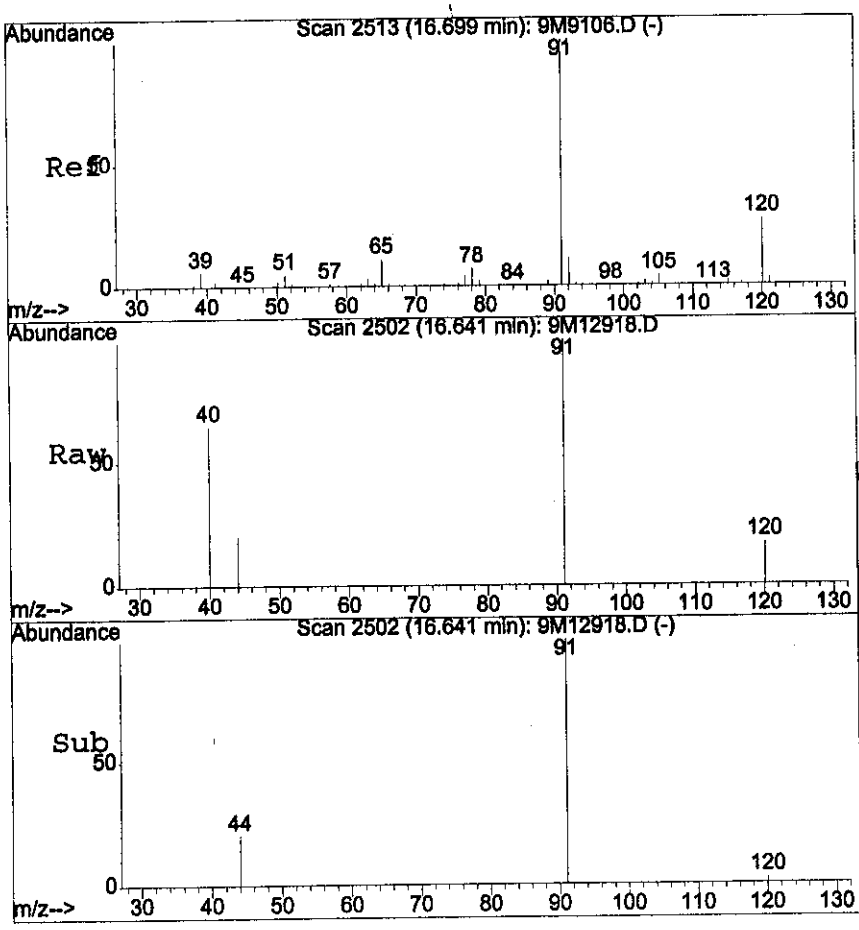


#63
Isopropylbenzene
Concen: 5.53 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:105 Resp: 2274

Ion	Ratio	Lower	Upper
105	100		
120	13.7	21.0	31.4#

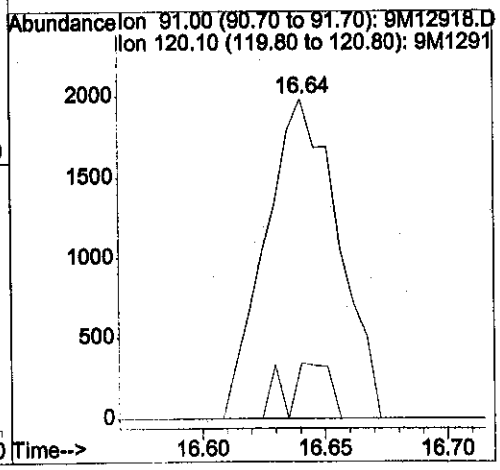


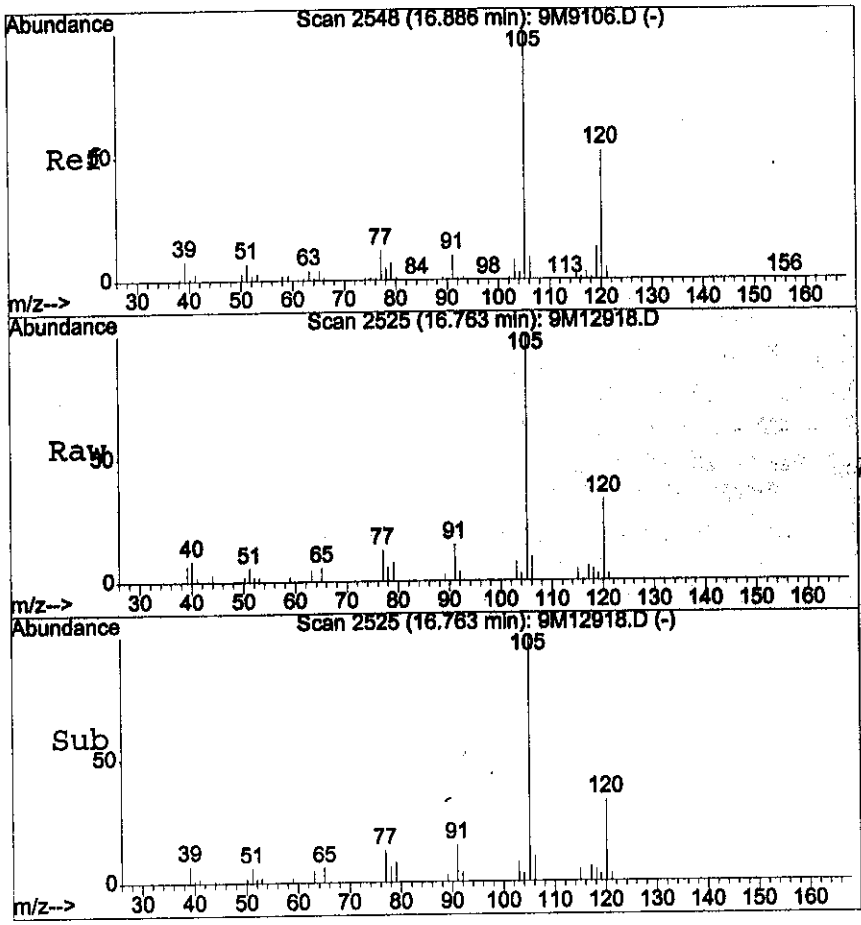


#69
n-Propylbenzene
Concen: 7.75 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion: 91 Resp: 4091

Ion	Ratio	Lower	Upper
91	100		
120	10.3	18.3	27.5#

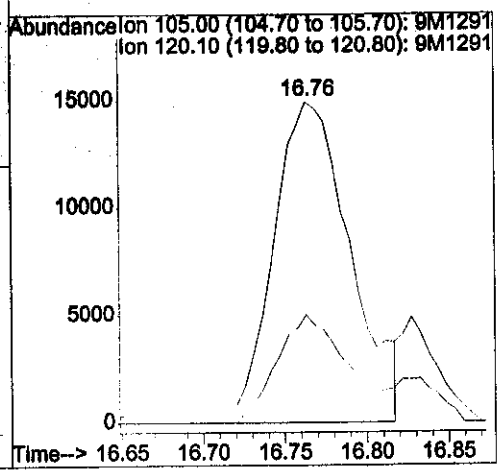


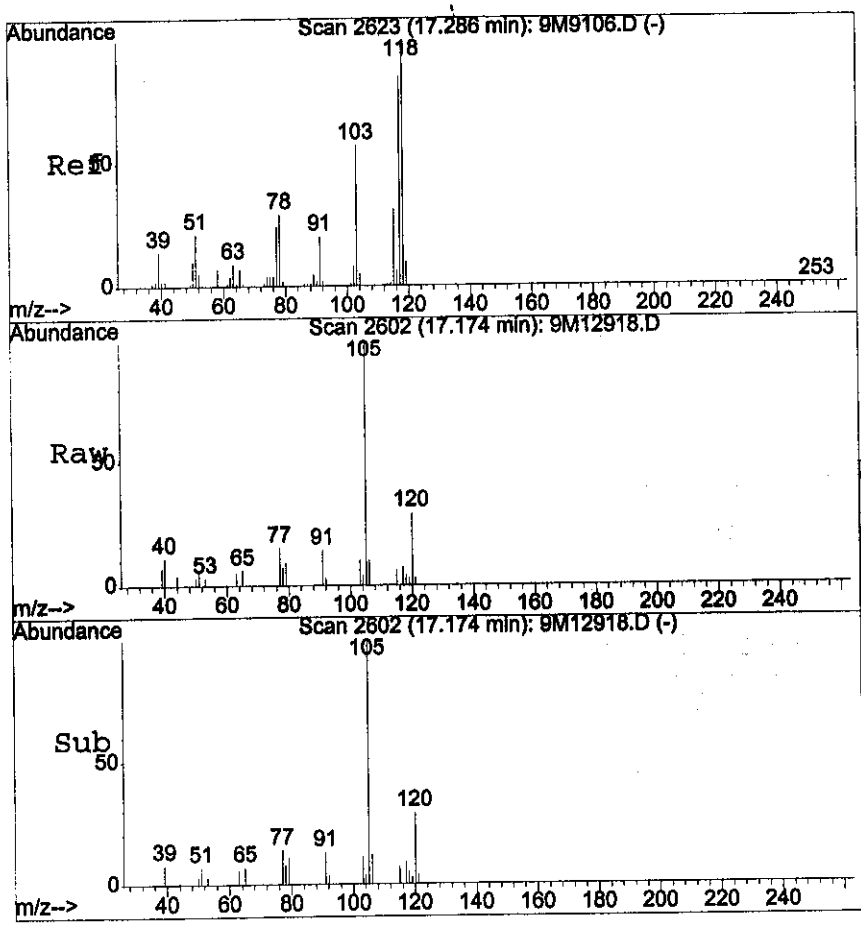


#71
1,3,5-Trimethylbenzene
Concen: 128.40 ug/L
RT: 16.76 min Scan# 2525
Delta R.T. -0.07 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:105 Resp: 48368

Ion	Ratio	Lower	Upper
105	100		
120	29.9	38.9	58.3#

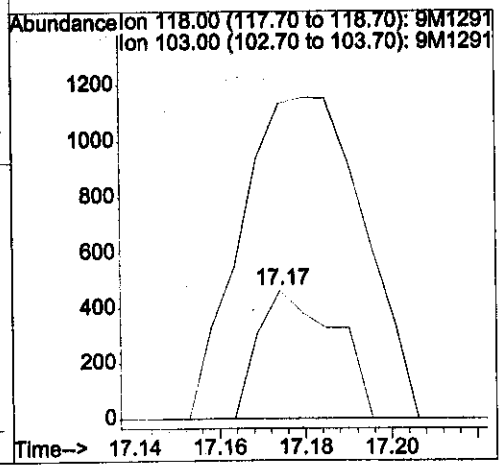


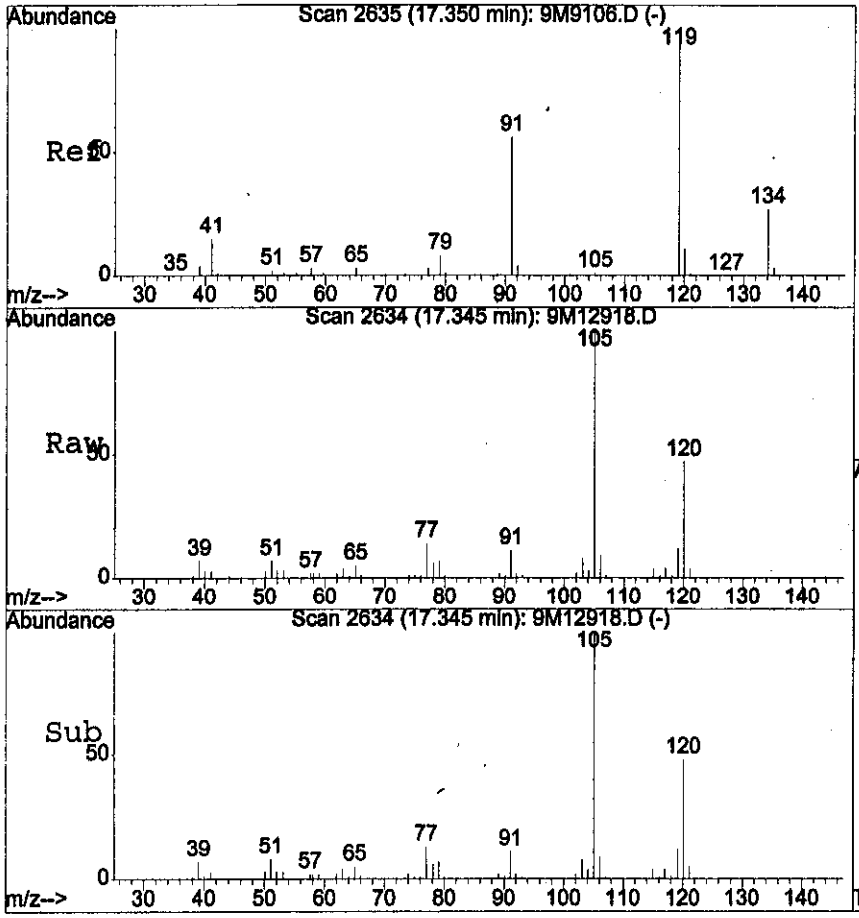


#74
a-Methylstyrene
Concen: 3.35 ug/L
RT: 17.17 min Scan# 2602
Delta R.T. -0.05 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:118 Resp: 579

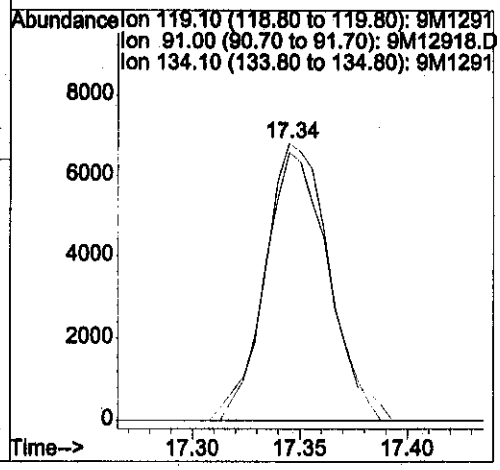
Ion	Ratio	Lower	Upper
118	100		
103	395.3	44.9	67.3#

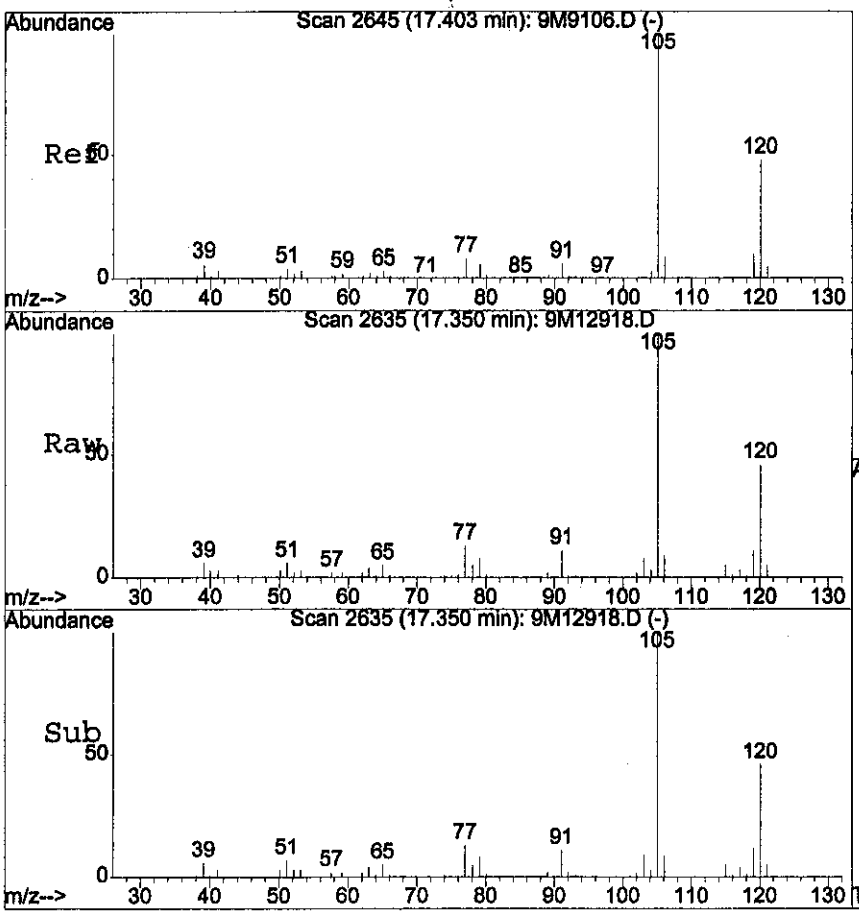




#75
tert-Butylbenzene
Concen: 49.27 ug/L
RT: 17.34 min Scan# 2634
Delta R.T. 0.05 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

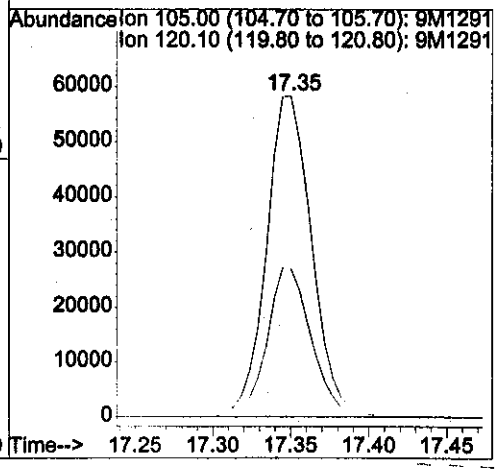
Tgt Ion:119	Resp:	13848	
Ion	Ratio	Lower	Upper
119	100		
91	97.7	48.6	73.0#
134	0.0	21.0	31.4#

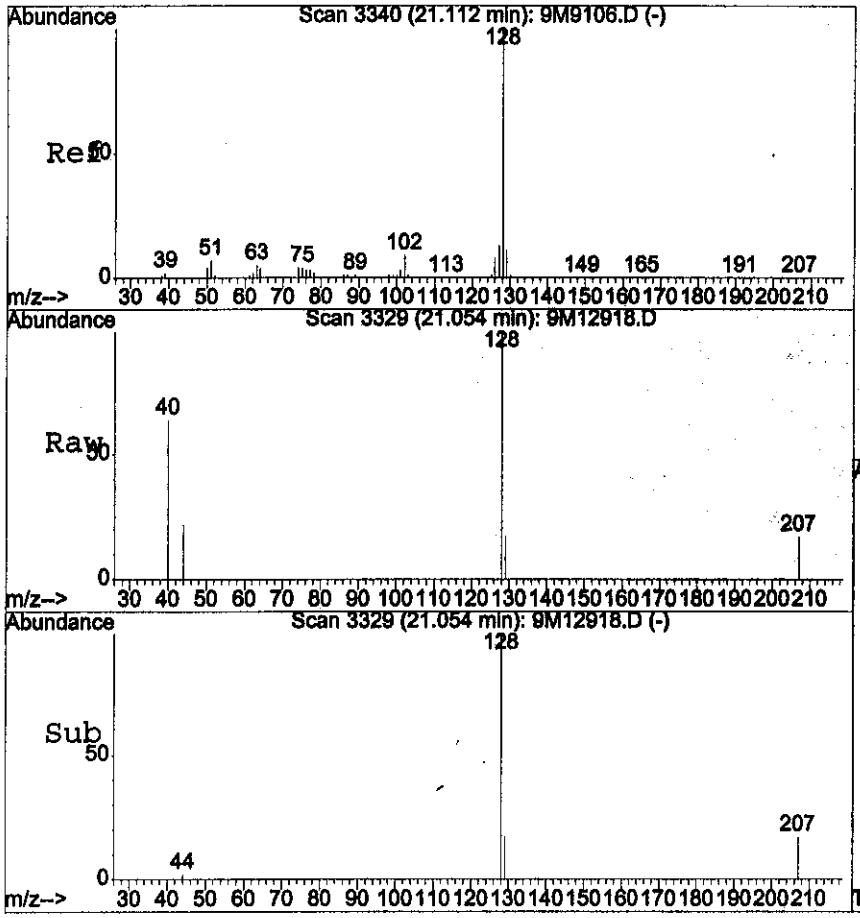




#76
1,2,4-Trimethylbenzene
Concen: 357.67 ug/L
RT: 17.35 min Scan# 2635
Delta R.T. 0.00 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:105	Resp:	117289	
Ion	Ratio	Lower	Upper
105	100		
120	45.4	36.6	55.0

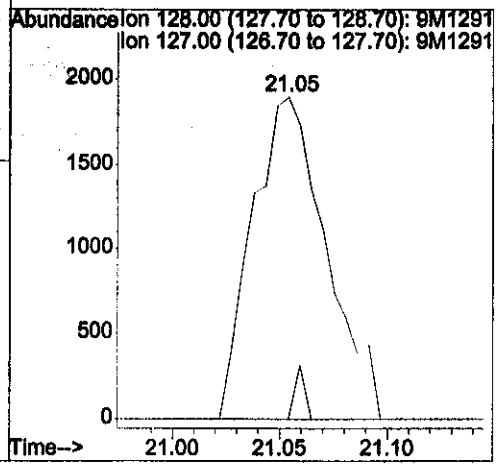




#86
Naphthalene
Concen: 24.31 ug/L
RT: 21.05 min Scan# 3329
Delta R.T. 0.01 min
Lab File: 9M12918.D
Acq: 17 Oct 2000 17:52

Tgt Ion:128 Resp: 4507

Ion	Ratio	Lower	Upper
128	100		
127	2.2	9.8	14.6#

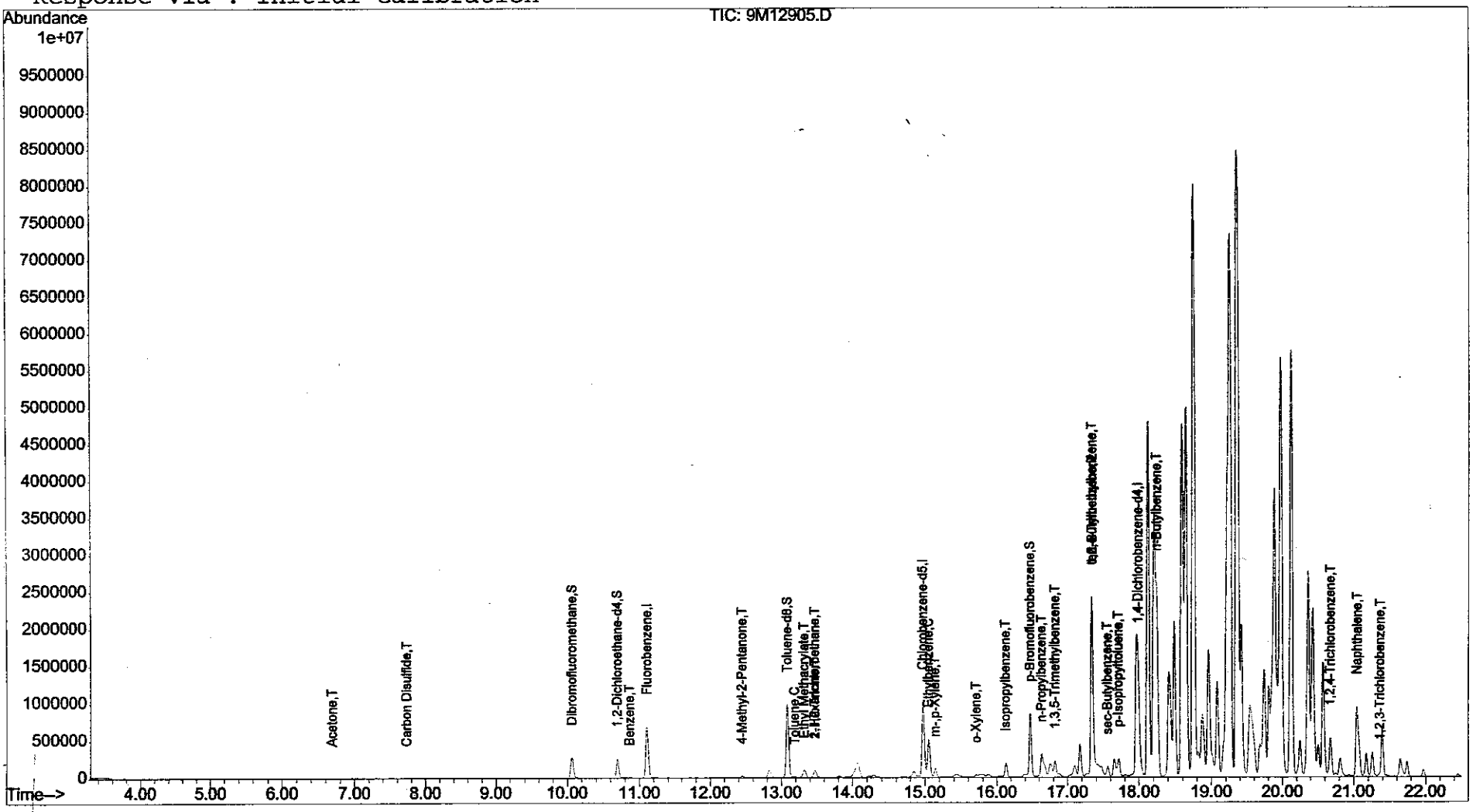


86

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12905.D Vial: 5
Acq On : 17 Oct 2000 11:08 Operator: RSS
Sample : L0010212-03 ITCORPOH-398 826-SPE-VO 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 11:31 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

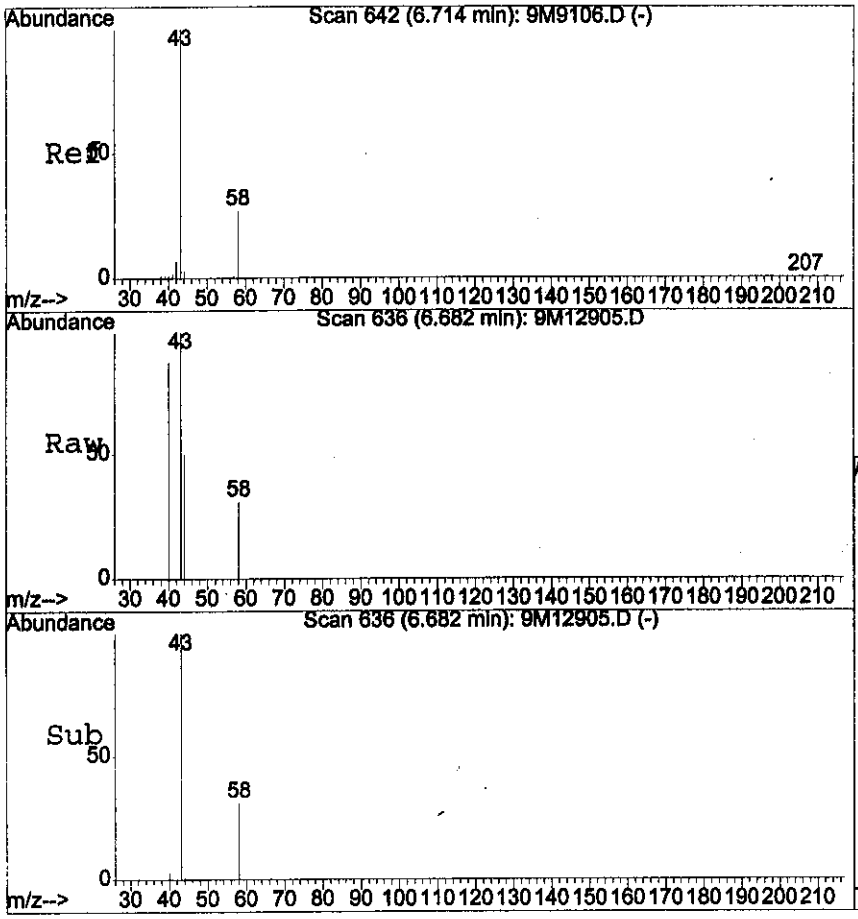
Data File : D:\HPCHEM\1\DATA\101700\9M12905.D Vial: 5
Acq On : 17 Oct 2000 11:08 Operator: RSS
Sample : L0010212-03 ITCORPOH-398 826-SPE-VO 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 11:31 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

@1030

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	880828	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	730526	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	412975	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	251276	25.00	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 100.00%			
33) 1,2-Dichloroethane-d4	10.70	65	243345	24.66	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.64%			
45) Toluene-d8	13.09	98	916794	25.37	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 101.48%			
66) p-Bromofluorobenzene	16.48	95	388231	27.80	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 111.20%			
Target Compounds						Qvalue
11) Acetone	6.68	43	6577	~~4.02 ug/L~~	#	80
16) Carbon Disulfide	7.73	76	7009	~~0.25 ug/L~~	#	75
35) Benzene	10.87	78	6608	~~0.18 ug/L~~		92
41) 4-Methyl-2-Pentanone	12.45	58	8942	~~4.20 ug/L~~		98
46) Toluene	13.19	91	15868	~~0.39 ug/L~~		96
47) Ethyl Methacrylate	13.32	69	16502	~~1.88 ug/L~~	#	1
49) 1,1,2-Trichloroethane	13.47	97	53699	~~6.93 ug/L~~	#	17
50) 2-Hexanone	13.47	43	5354	~~1.57 ug/L~~	#	30
58) Ethylbenzene	15.05	106	148452	9.44 ug/L		99
59) m-,p-Xylene	15.15	106	46747	~~2.13 ug/L~~		96
60) o-Xylene	15.71	106	6884	~~0.31 ug/L~~		86
63) Isopropylbenzene	16.13	105	179301	~~3.08 ug/L~~		100
69) n-Propylbenzene	16.64	91	285093	~~4.41 ug/L~~		99
71) 1,3,5-Trimethylbenzene	16.83	105	162081	~~3.50 ug/L~~		96
75) tert-Butylbenzene	17.35	119	223153	~~6.42 ug/L~~	#	55
76) 1,2,4-Trimethylbenzene	17.35	105	1962478	~~48.43 ug/L~~		100
77) sec-Butylbenzene	17.56	105	122212	~~2.50 ug/L~~		99
78) p-Isopropyltoluene	17.72	119	141241	~~2.79 ug/L~~		99
81) n-Butylbenzene	18.25	91	1168837	~~31.06 ug/L~~		23
84) 1,2,4-Trichlorobenzene	20.68	180	6800	~~0.43 ug/L~~	#	1
86) Naphthalene	21.04	128	941697	~~41.10 ug/L~~		100
87) 1,2,3-Trichlorobenzene	21.36	180	8789	~~0.75 ug/L~~	#	1

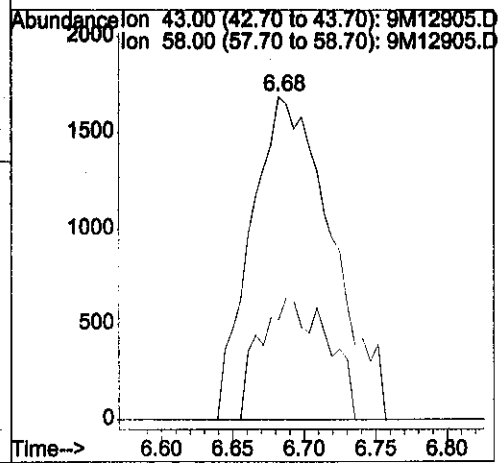
(#) = qualifier out of range (m) = manual integration

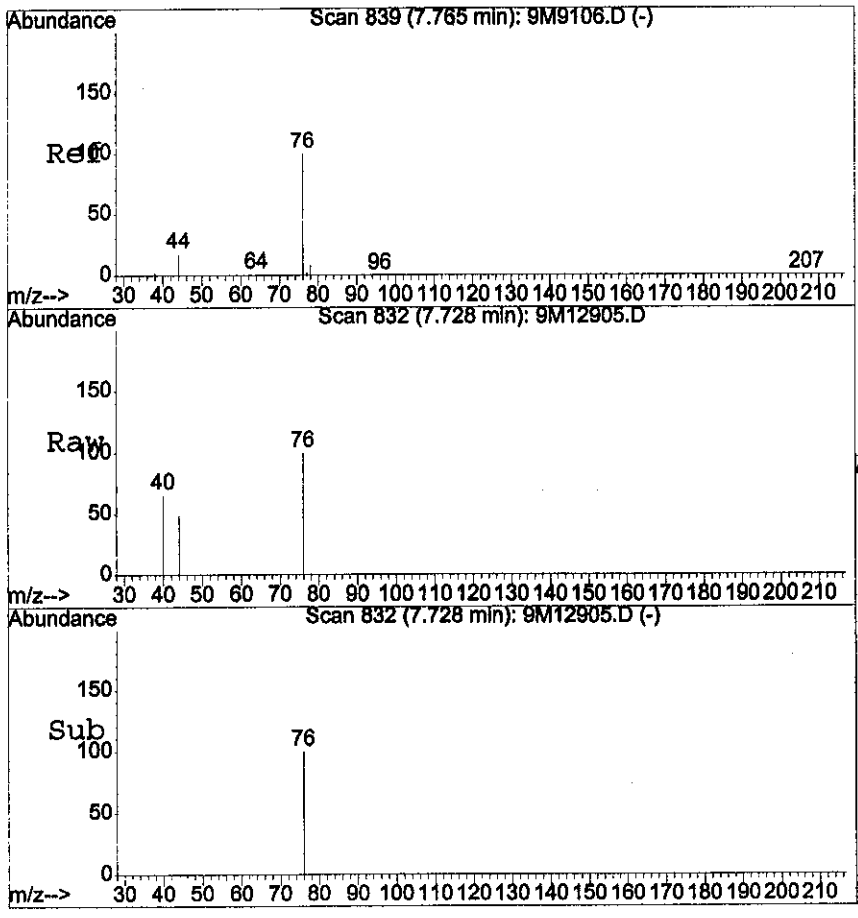


#11
Acetone
Concen: 4.02 ug/L
RT: 6.68 min Scan# 636
Delta R.T. -0.02 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 43 Resp: 6577

Ion	Ratio	Lower	Upper
43	100		
58	21.6	26.6	39.8#

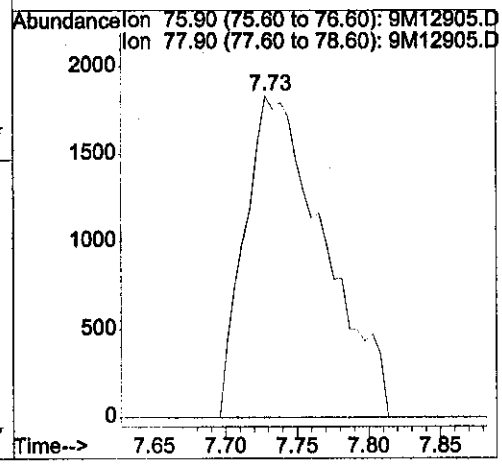


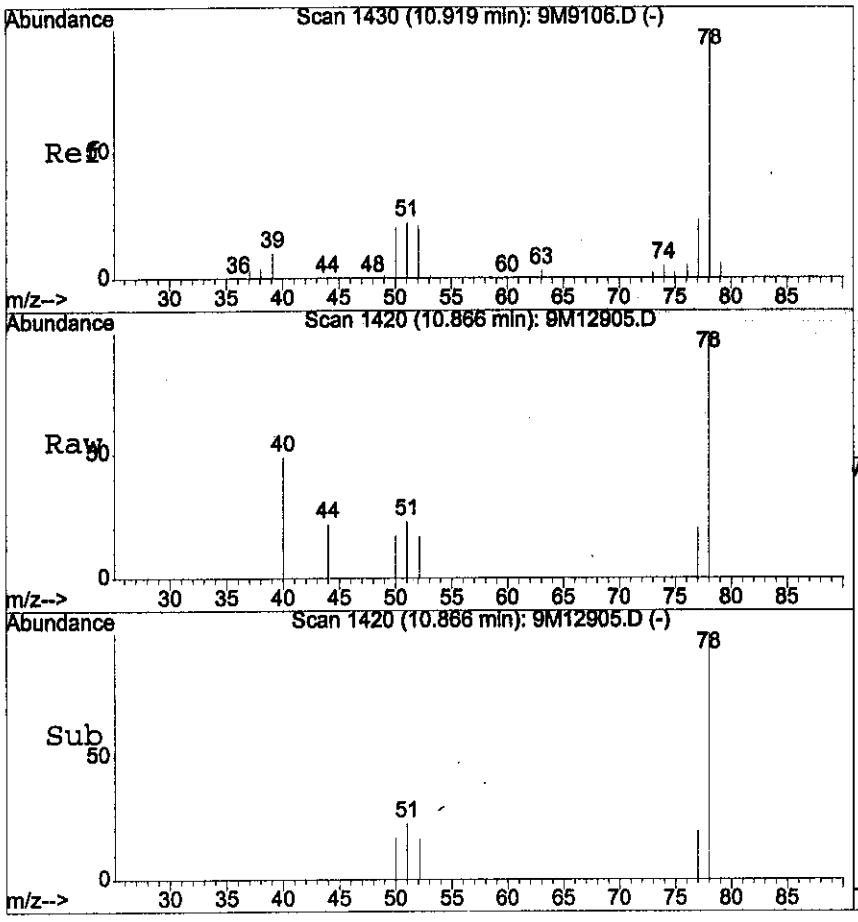


#16
Carbon Disulfide
Concen: 0.25 ug/L
RT: 7.73 min Scan# 832
Delta R.T. 0.02 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 76 Resp: 7009

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

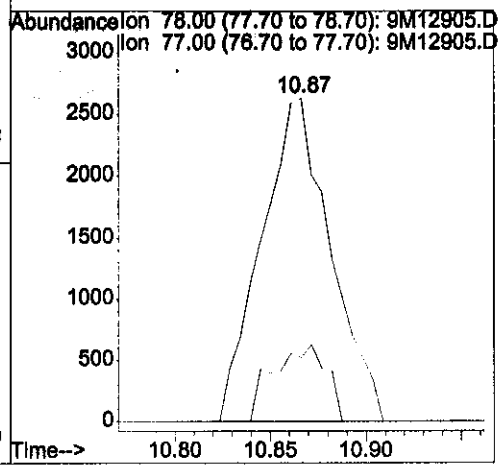


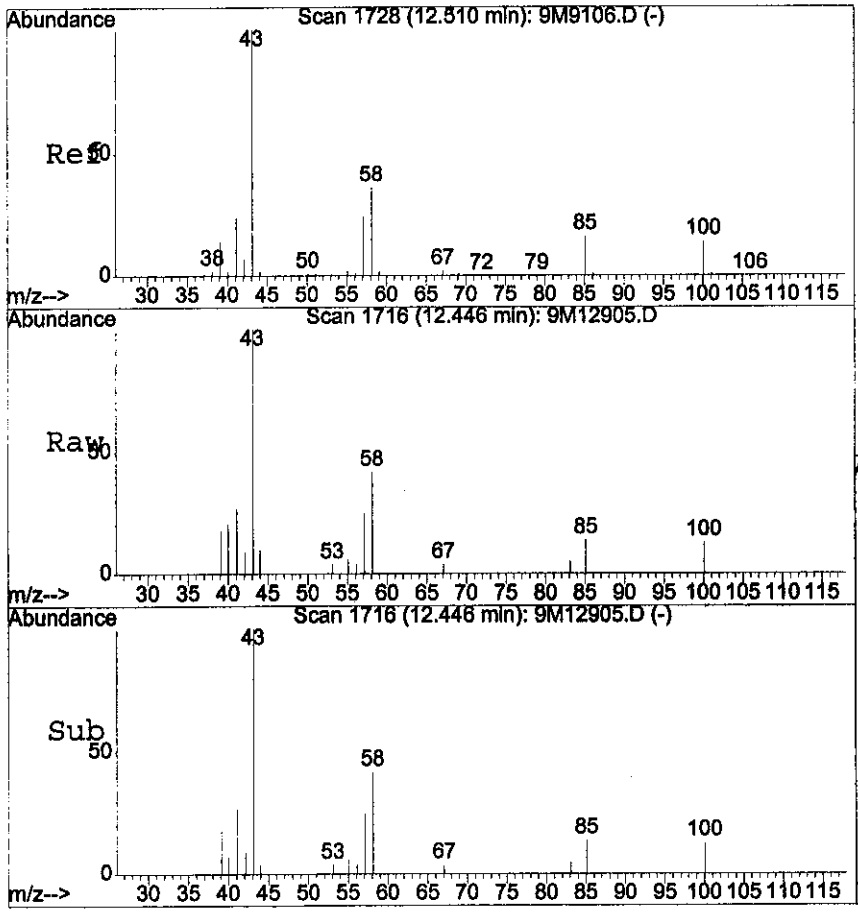


#35
Benzene
Concen: 0.18 ug/L
RT: 10.87 min Scan# 1420
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 78 Resp: 6608

Ion	Ratio	Lower	Upper
78	100		
77	18.4	17.8	26.6

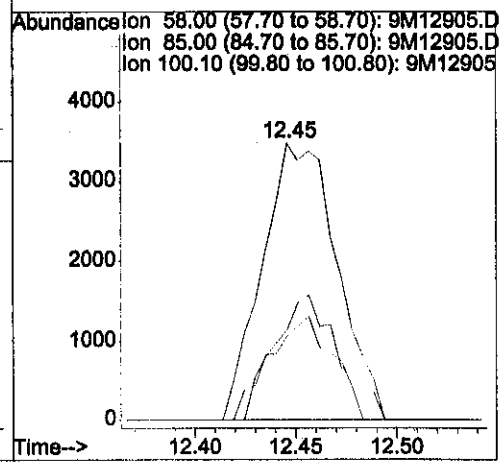


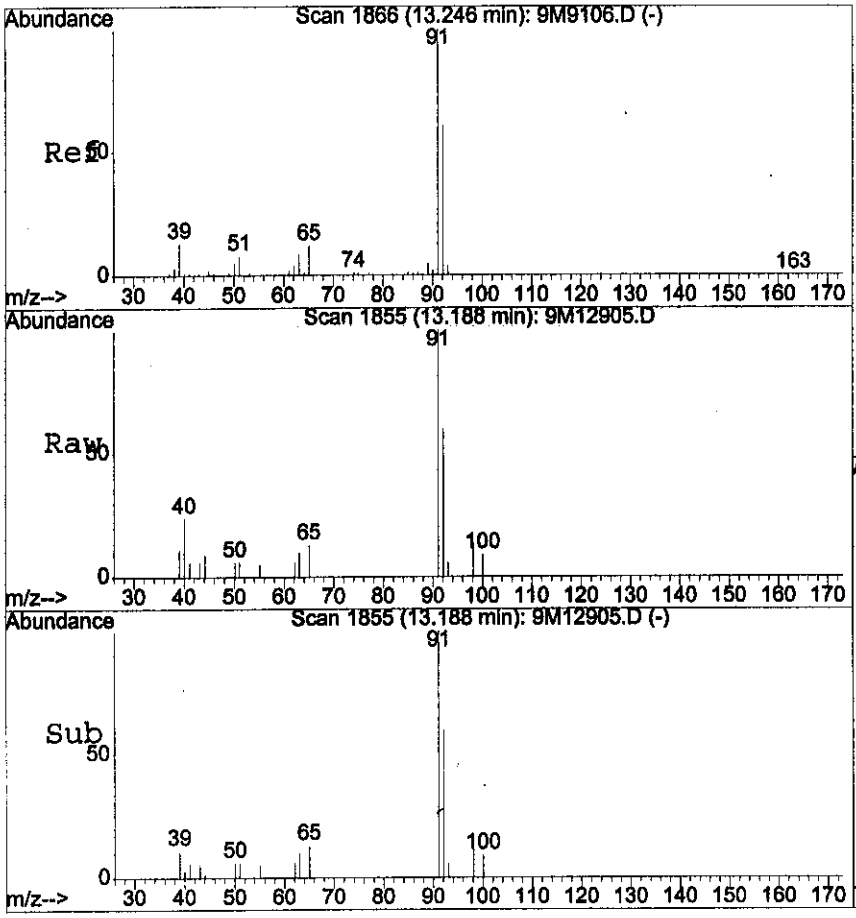


#41
4-Methyl-2-Pentanone
Concen: 4.20 ug/L
RT: 12.45 min Scan# 1716
Delta R.T. -0.01 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 58 Resp: 8942

Ion	Ratio	Lower	Upper
58	100		
85	39.4	31.8	47.6
100	32.3	27.8	41.8

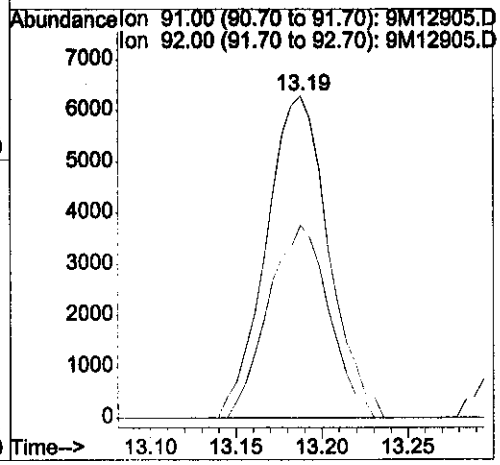


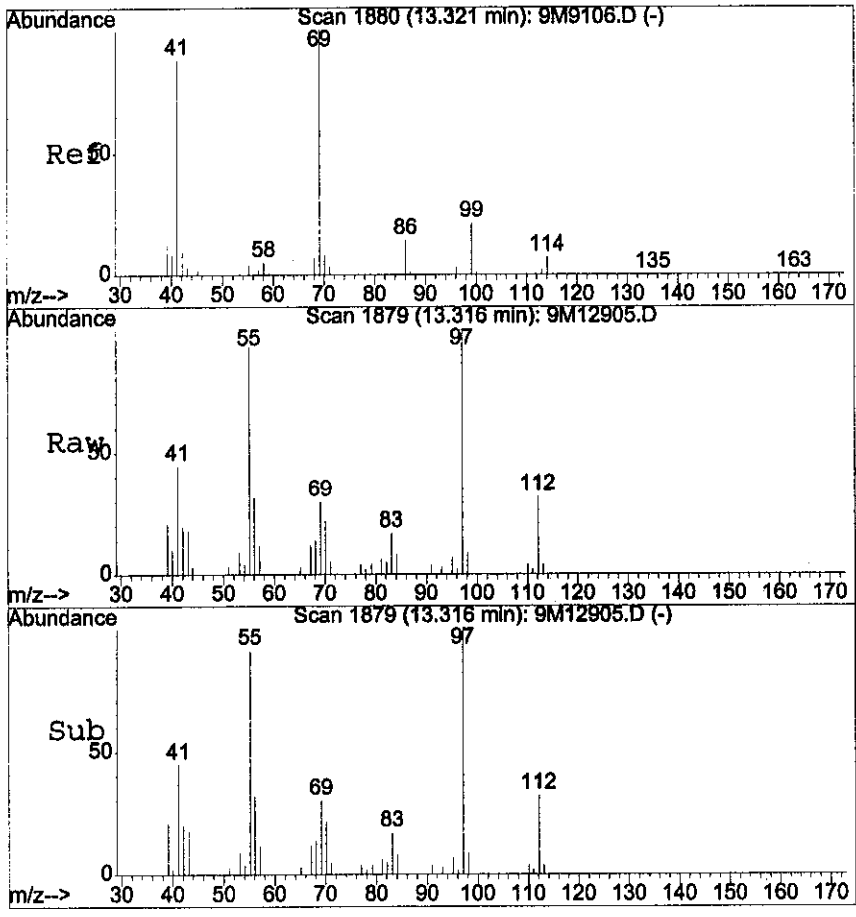


#46
Toluene
Concen: 0.39 ug/L
RT: 13.19 min, Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 91 Resp: 15868

Ion	Ratio	Lower	Upper
91	100		
92	58.1	48.7	73.1

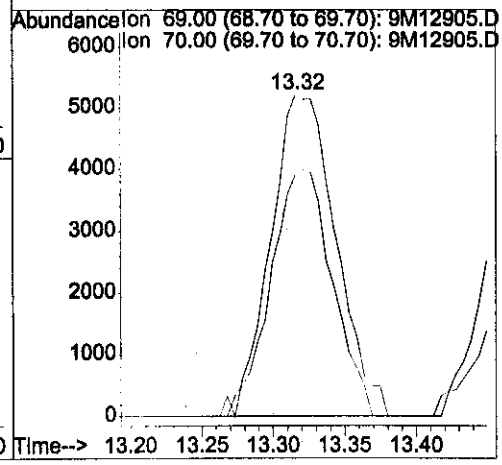


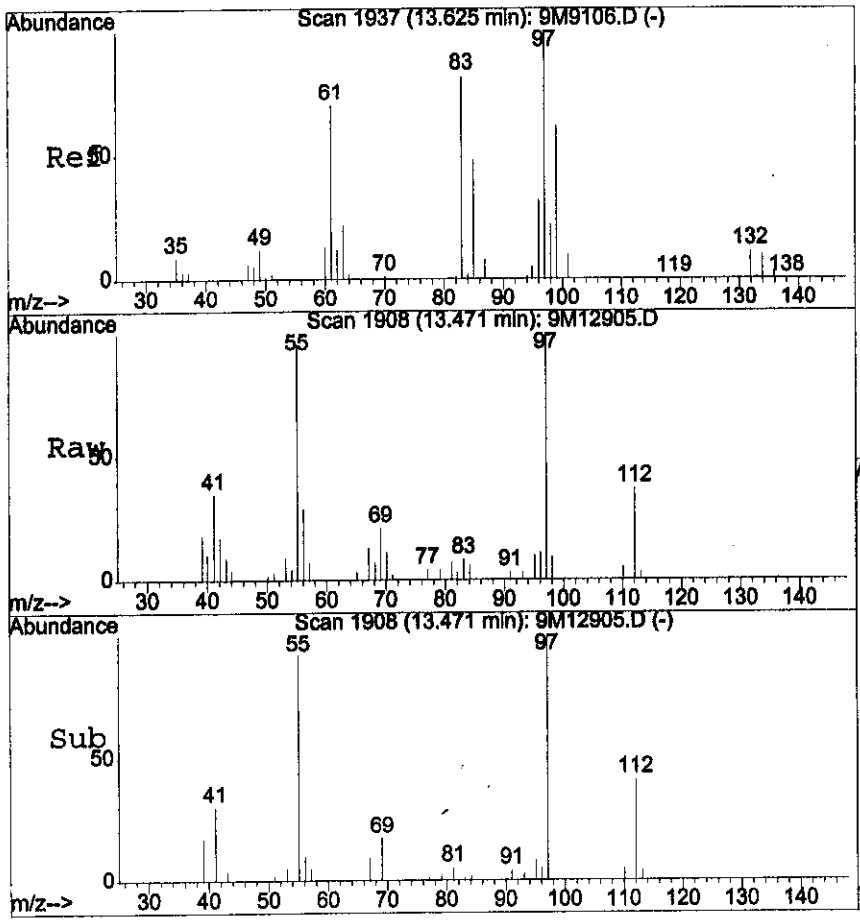


#47
Ethyl Methacrylate
Concen: 1.88 ug/L
RT: 13.32 min Scan# 1879
Delta R.T. 0.05 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 69 Resp: 16502

Ion	Ratio	Lower	Upper
69	100		
70	72.4	6.4	9.6#

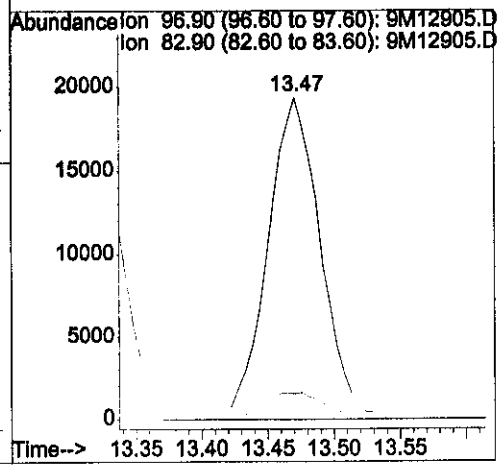


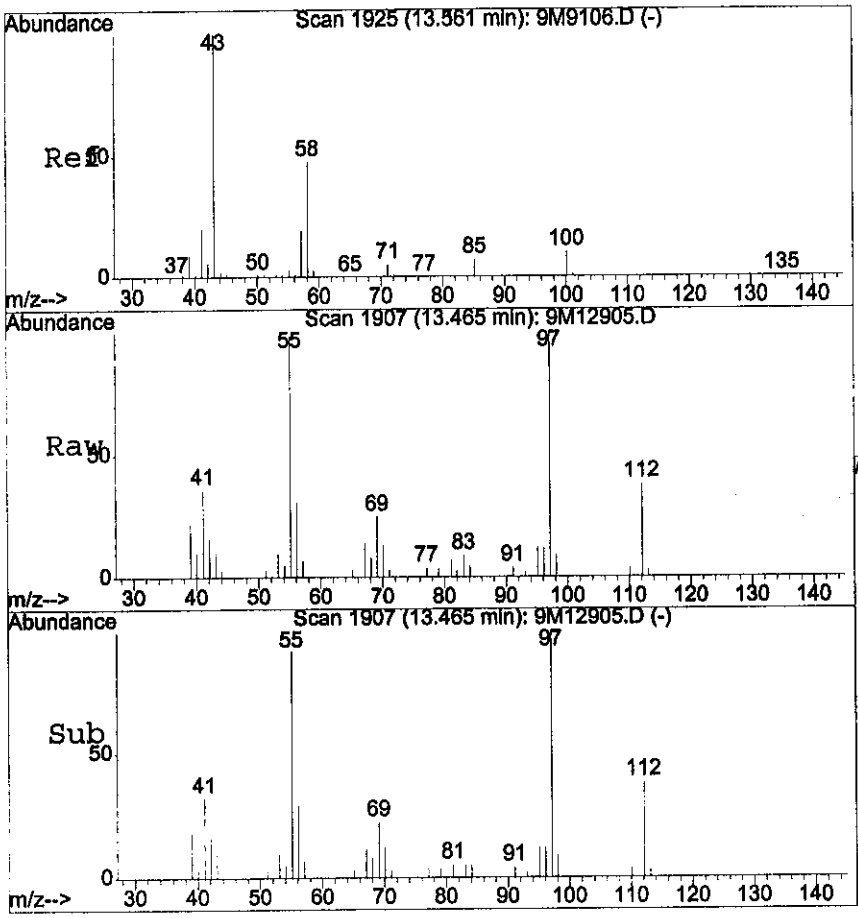


#49
1,1,2-Trichloroethane
Concen: 6.93 ug/L
RT: 13.47 min Scan# 1908
Delta R.T. -0.10 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 97 Resp: 53699

Ion	Ratio	Lower	Upper
97	100		
83	8.8	67.3	100.9#

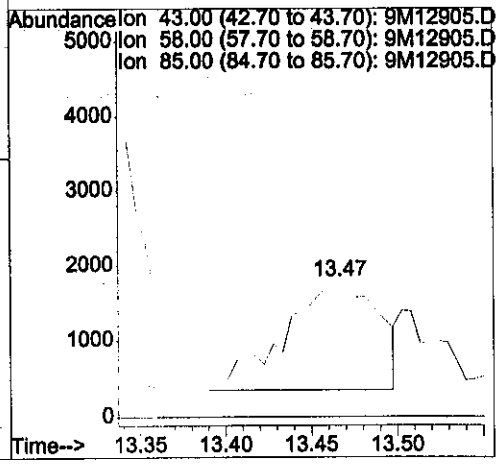




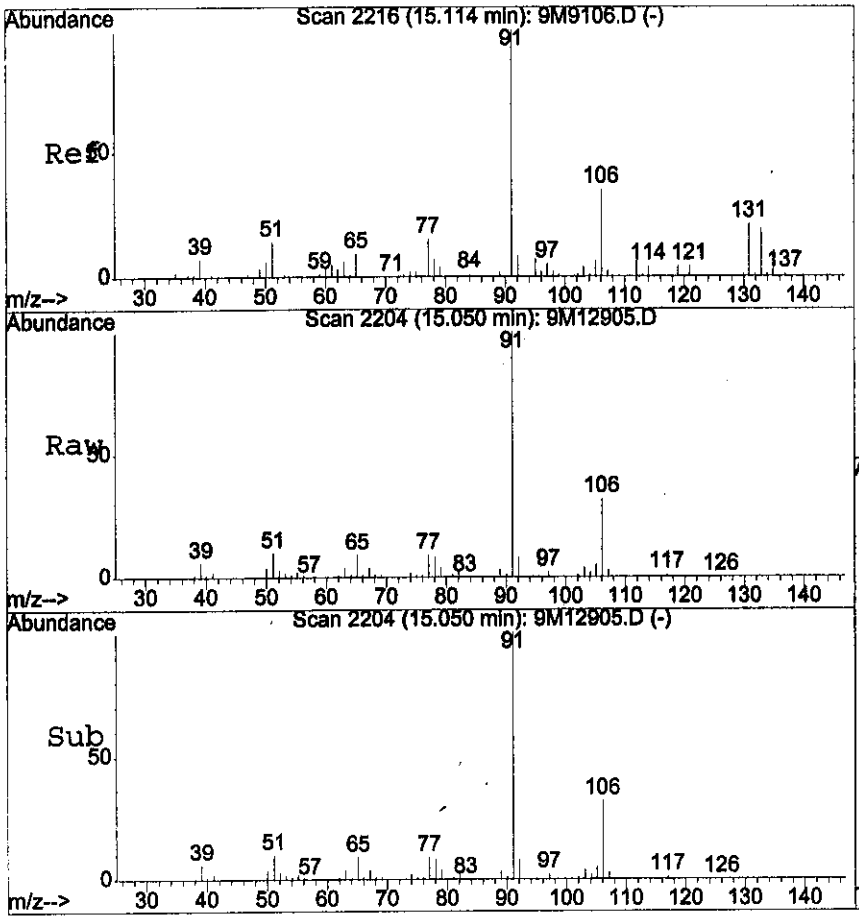
#50
2-Hexanone
Concen: 1.57 ug/L
RT: 13.47 min Scan# 1907
Delta R.T. -0.04 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 43 Resp: 5354

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#



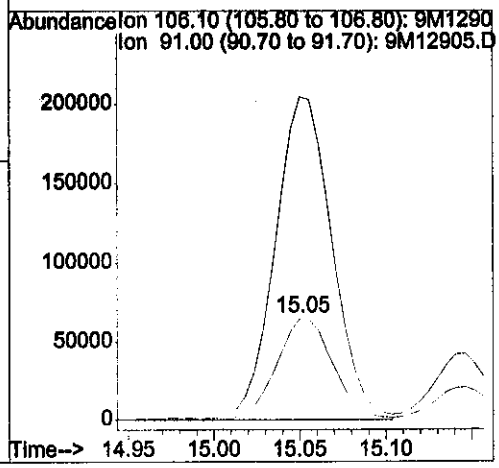
92

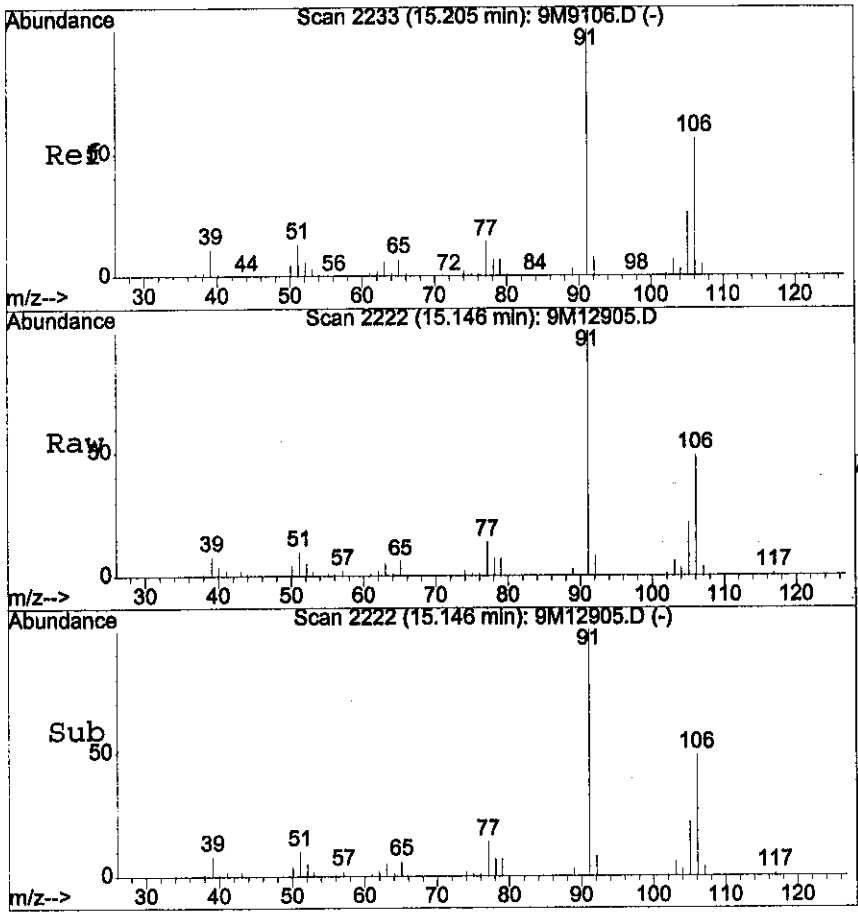


#58
Ethylbenzene
Concen: 9.44 ug/L
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:106 Resp: 148452

Ion	Ratio	Lower	Upper
106	100		
91	317.5	252.8	379.2

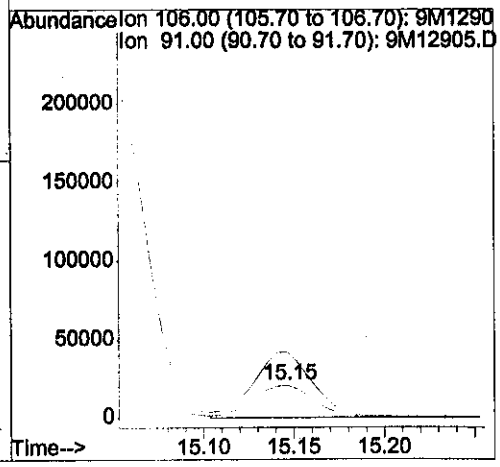


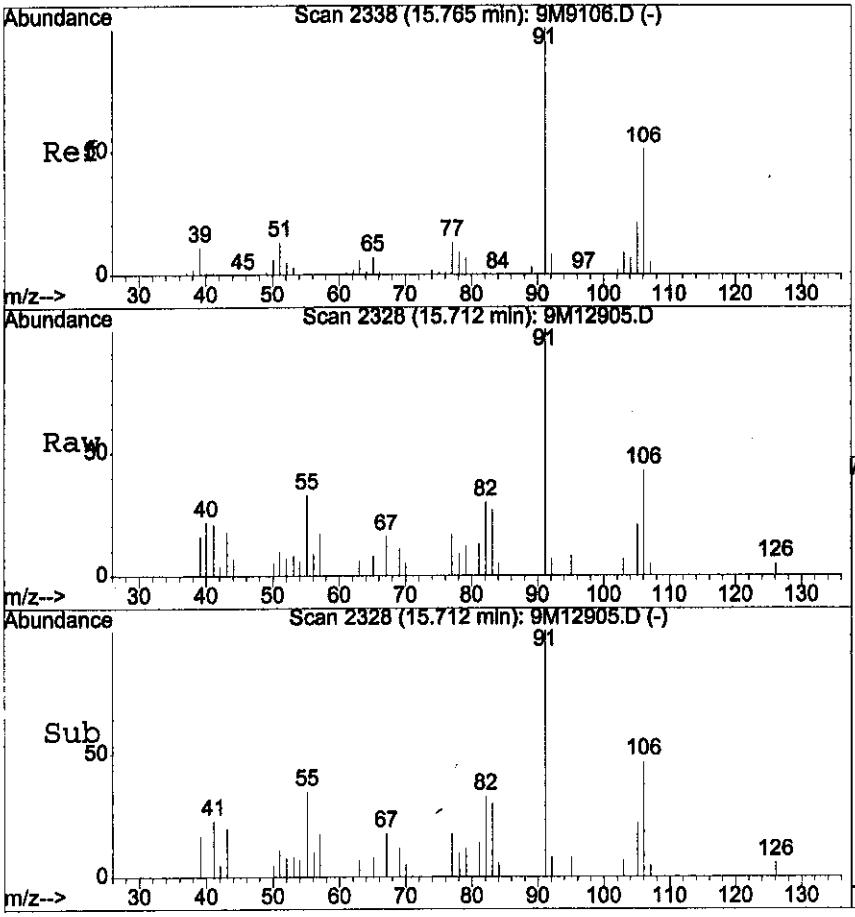


#59
m-,p-Xylene
Concen: 2.13 ug/L
RT: 15.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:106 Resp: 46747

Ion	Ratio	Lower	Upper
106	100		
91	204.4	158.8	238.2

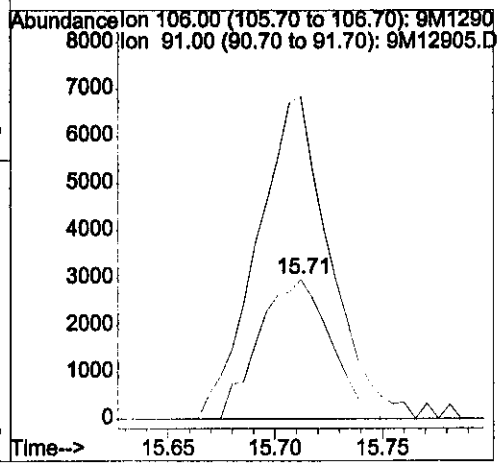


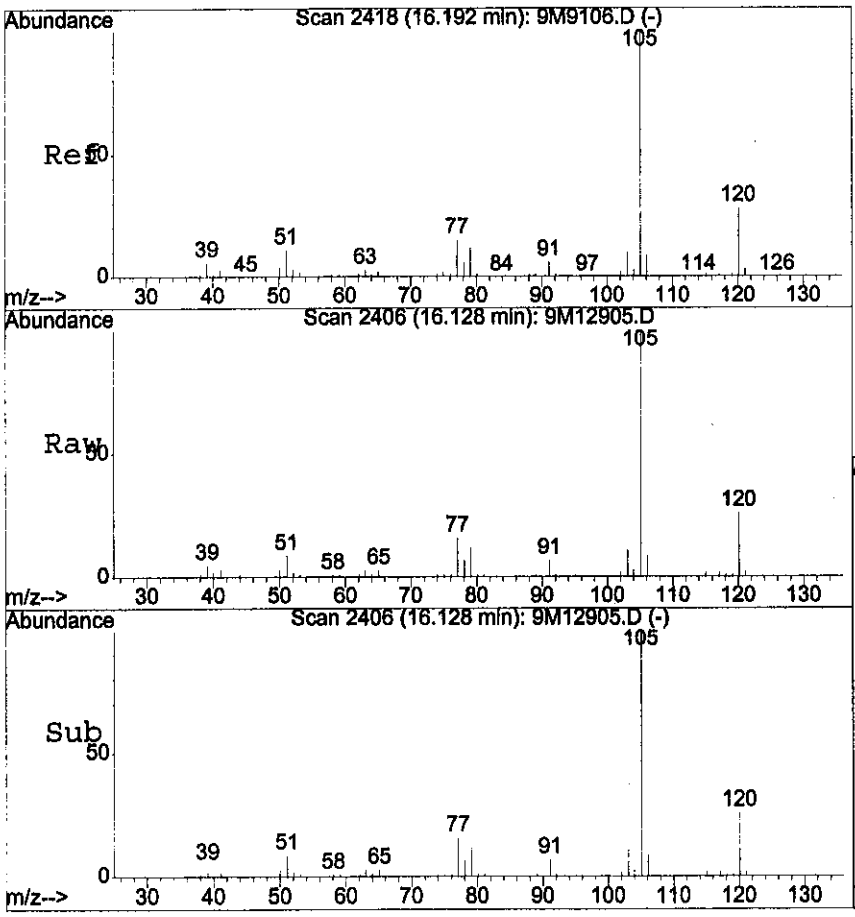


#60
o-Xylene
Concen: 0.31 ug/L
RT: 15.71 min Scan# 2328
Delta R.T. 0.01 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:106 Resp: 6884

Ion	Ratio	Lower	Upper
106	100		
91	234.6	169.6	254.4

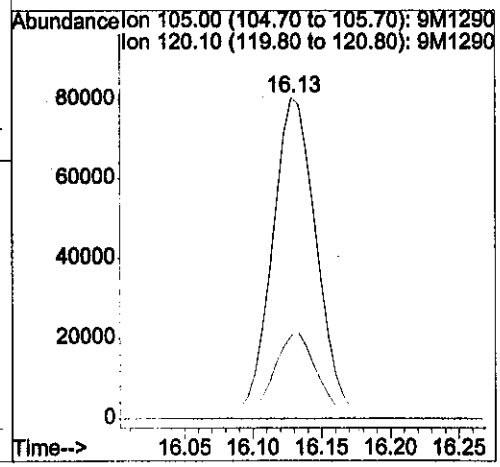


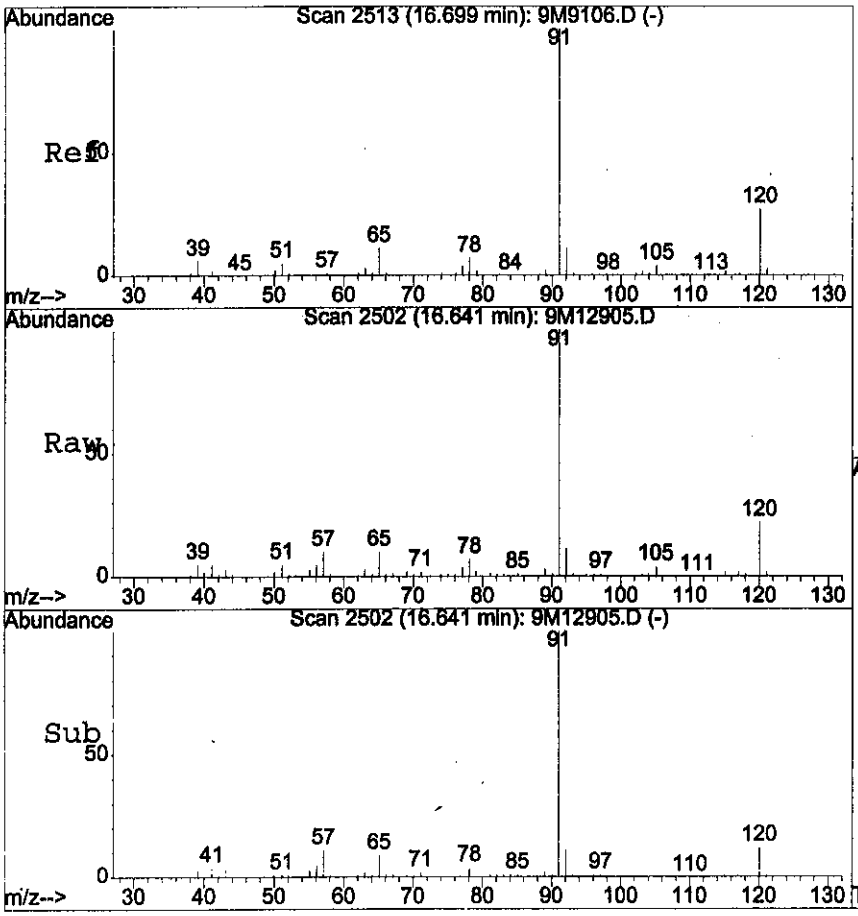


#63
Isopropylbenzene
Concen: 3.08 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:105 Resp: 179301

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.0	31.4

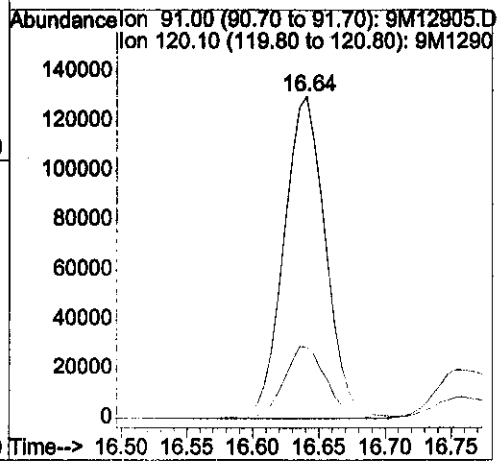


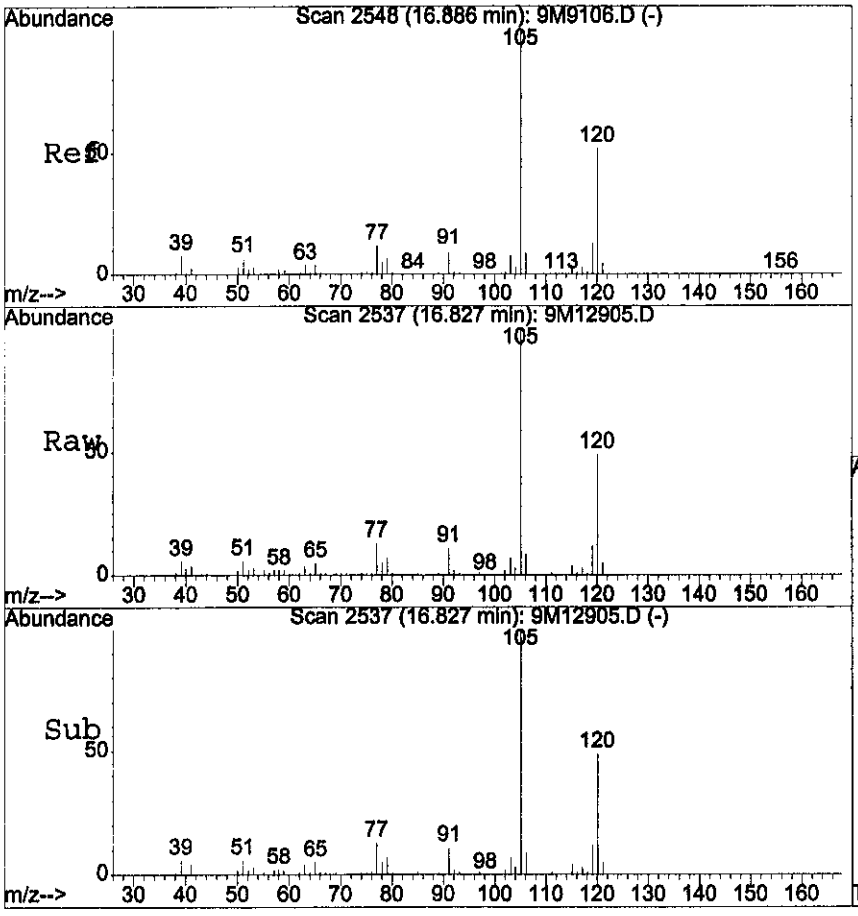


#69
n-Propylbenzene
Concen: 4.41 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 91 Resp: 285093

Ion	Ratio	Lower	Upper
91	100		
120	22.3	18.3	27.5

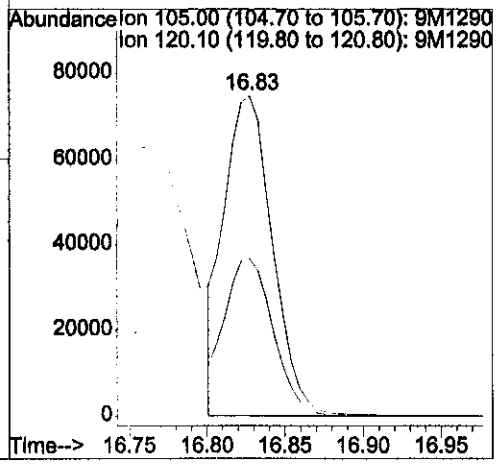


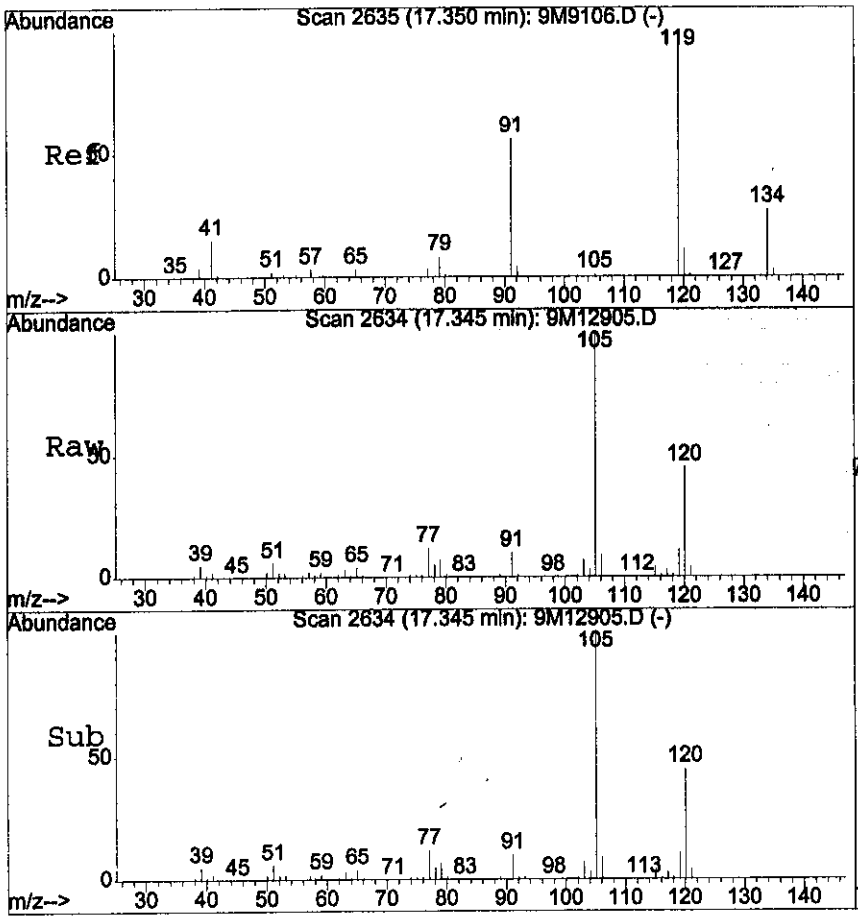


#71
1,3,5-Trimethylbenzene
Concen: 3.50 ug/L
RT: 16.83 min Scan# 2537
Delta R.T. -0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:105 Resp: 162081

Ion	Ratio	Lower	Upper
105	100		
120	51.2	38.9	58.3

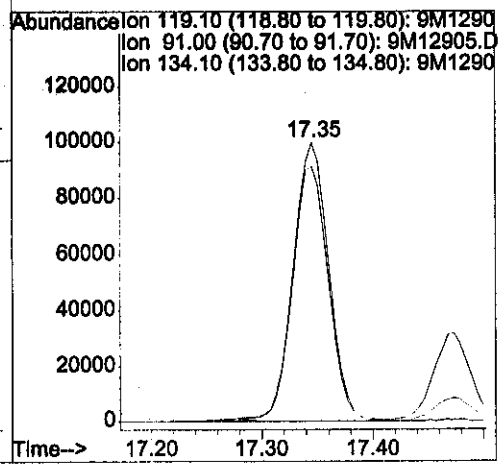


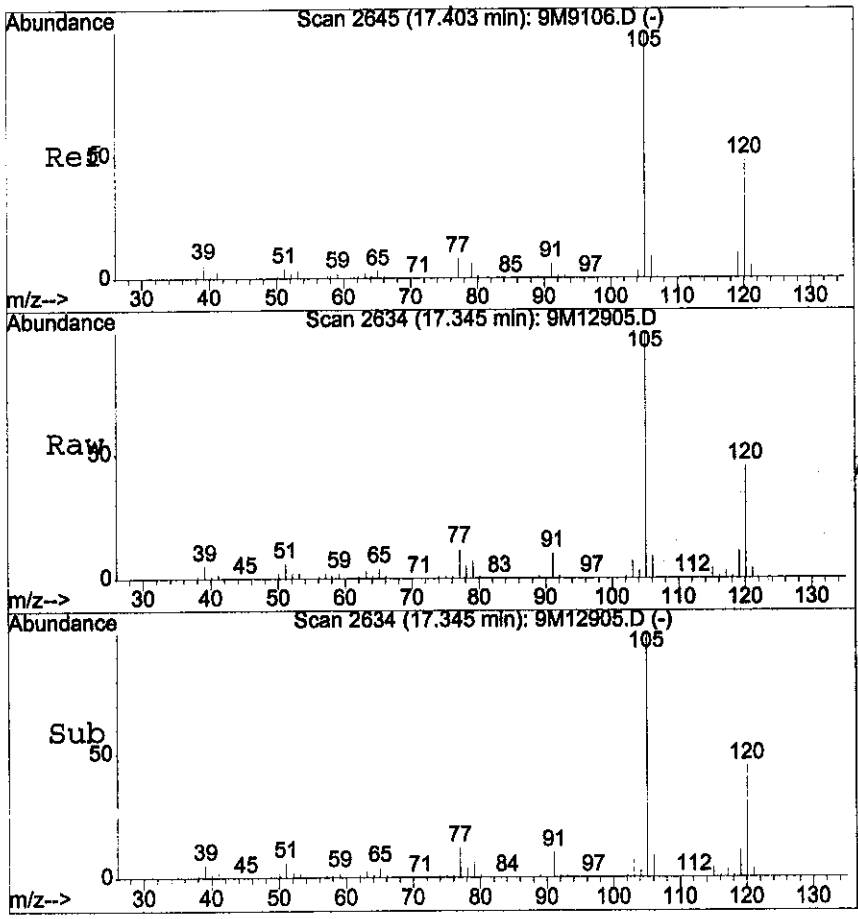


#75
tert-Butylbenzene
Concen: 6.42 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. 0.05 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:119 Resp: 223153

Ion	Ratio	Lower	Upper
119	100		
91	93.4	48.6	73.0#
134	0.1	21.0	31.4#

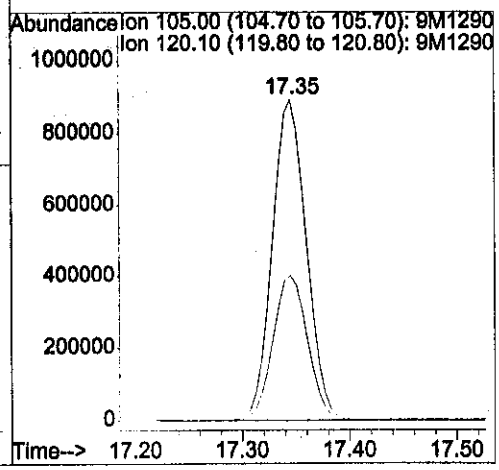


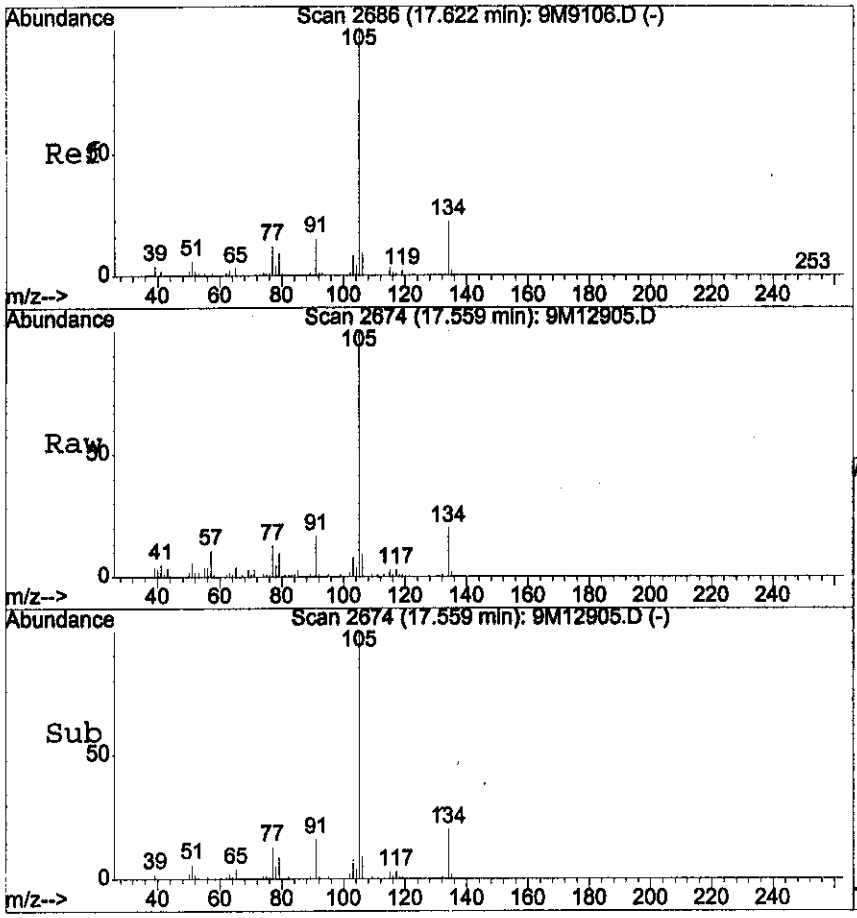


#76
1,2,4-Trimethylbenzene
Concen: 48.43 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. -0.01 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:105 Resp: 1962478

Ion	Ratio	Lower	Upper
105	100		
120	45.6	36.6	55.0

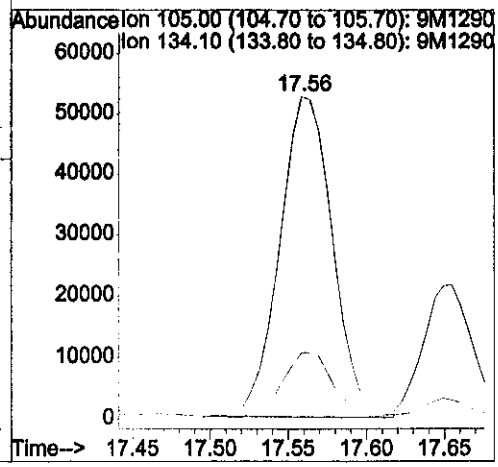


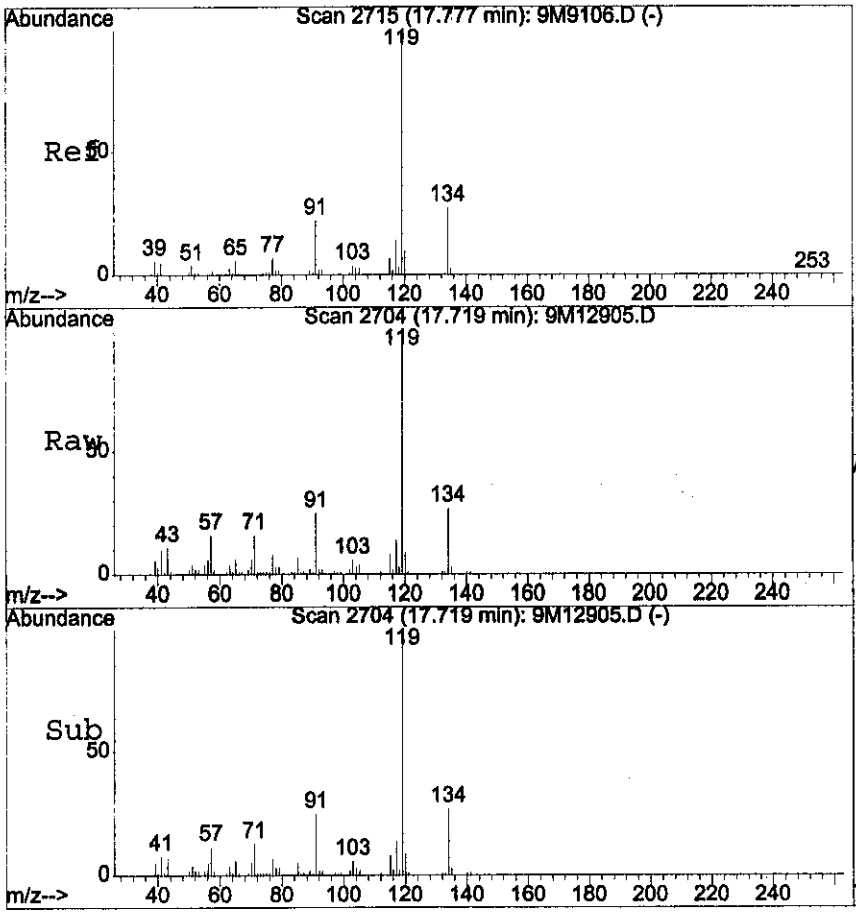


#77
sec-Butylbenzene
Concen: 2.50 ug/L
RT: 17.56 min Scan# 2674
Delta R.T. -0.01 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:105 Resp: 122212

Ion	Ratio	Lower	Upper
105	100		
134	20.4	15.8	23.8

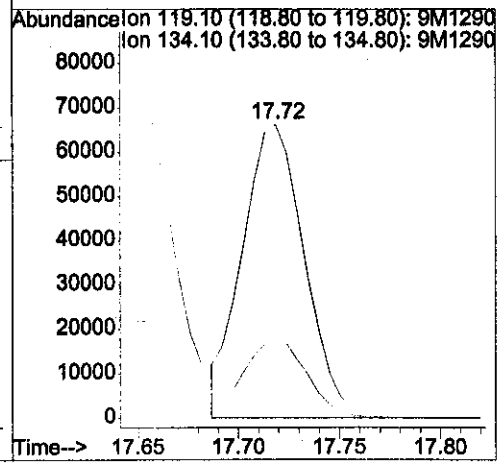


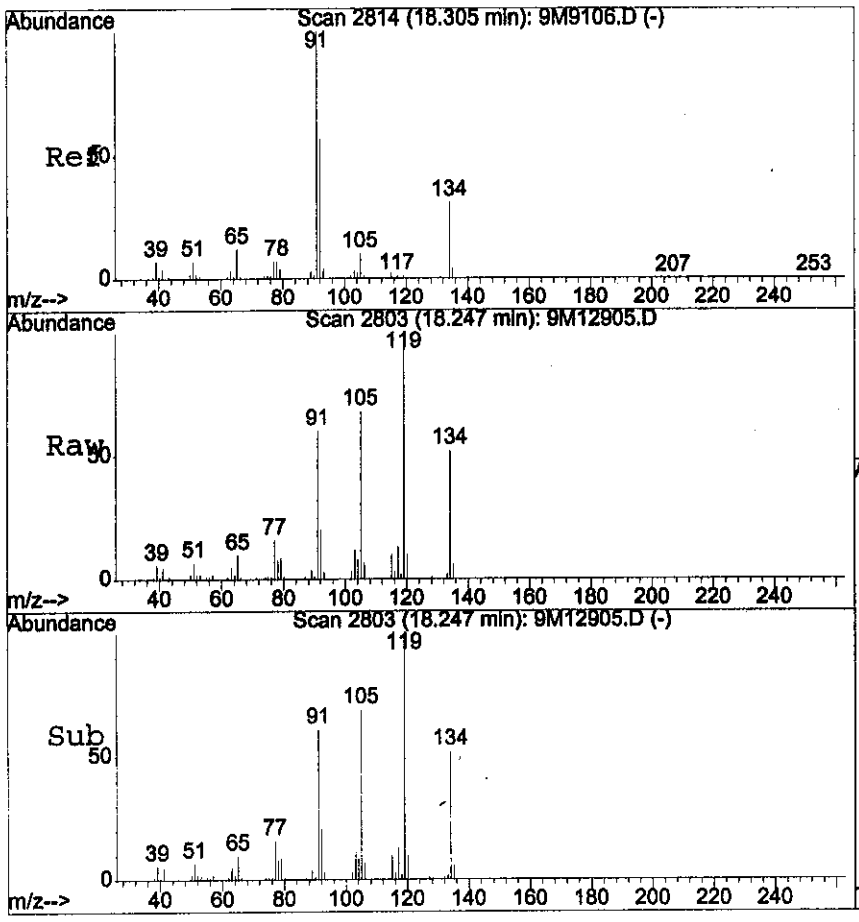


#78
p-Isopropyltoluene
Concen: 2.79 ug/L
RT: 17.72 min Scan# 2704
Delta R.T. -0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:119 Resp: 141241

Ion	Ratio	Lower	Upper
119	100		
134	27.2	21.4	32.0

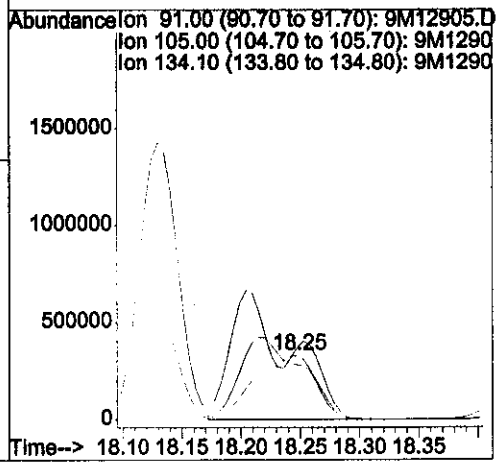


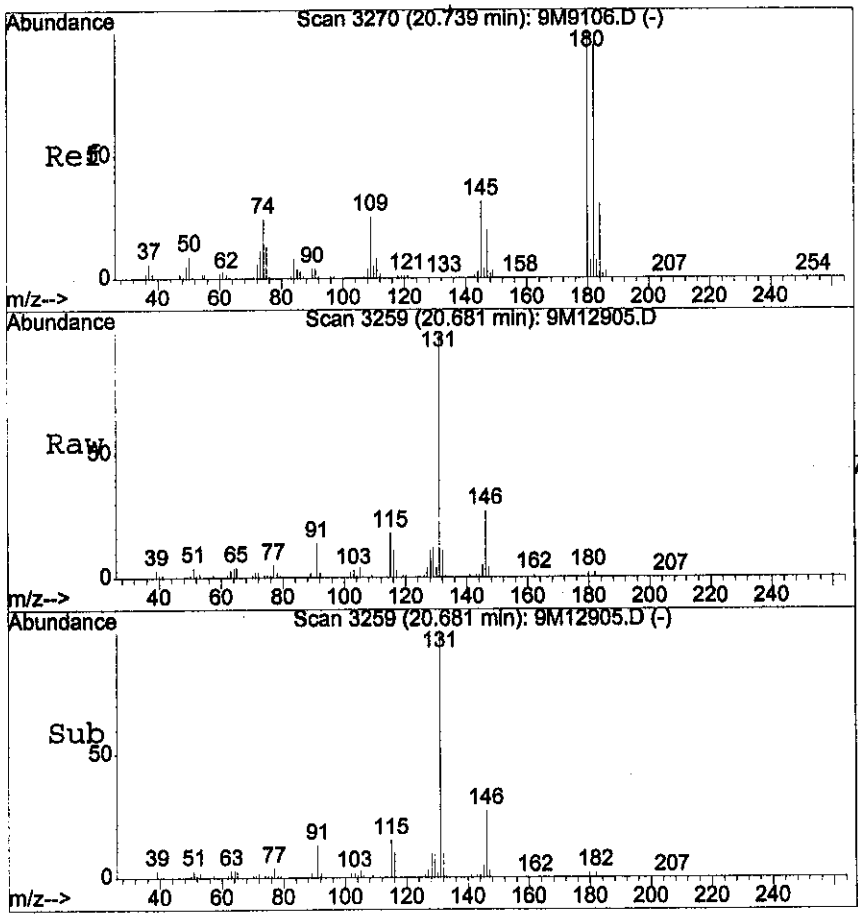


#81
n-Butylbenzene
Concen: 31.06 ug/L
RT: 18.25 min Scan# 2803
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion: 91 Resp: 1168837

Ion	Ratio	Lower	Upper
91	100		
105	64.0	6.7	10.1#
134	0.0	21.0	31.6#

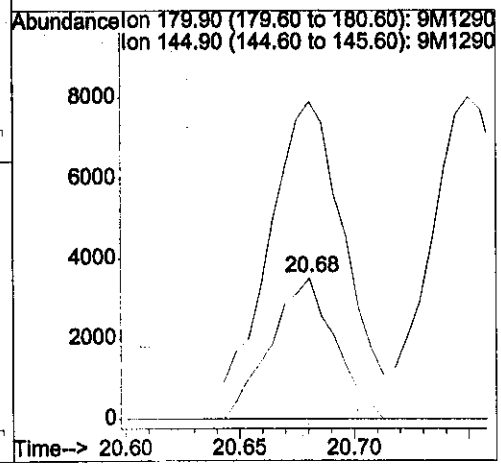


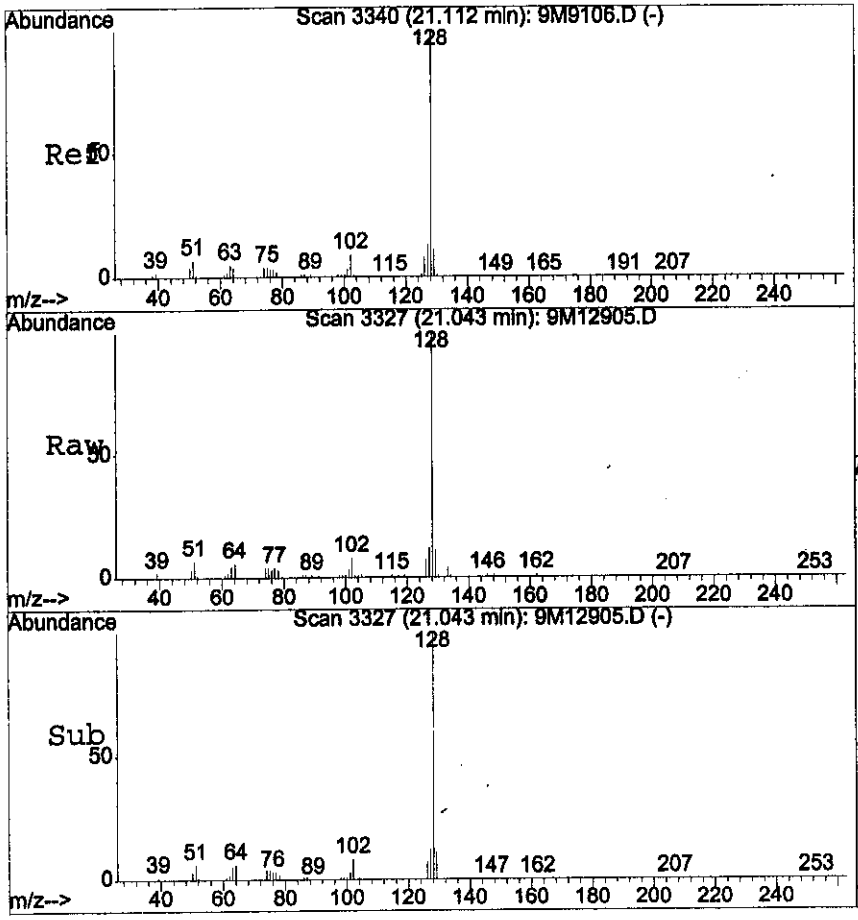


#84
1,2,4-Trichlorobenzene
Concen: 0.43 ug/L
RT: 20.68 min Scan# 3259
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:180 Resp: 6800

Ion	Ratio	Lower	Upper
180	100		
145	226.9	22.2	33.4#

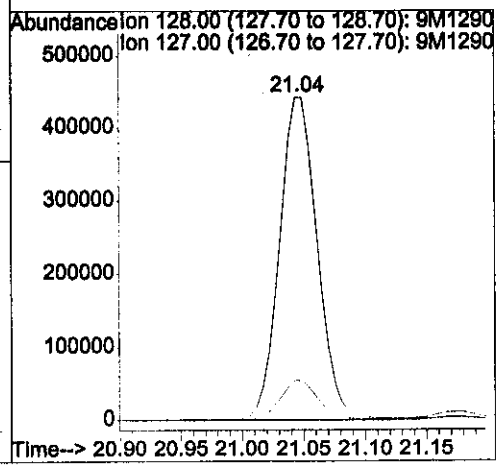


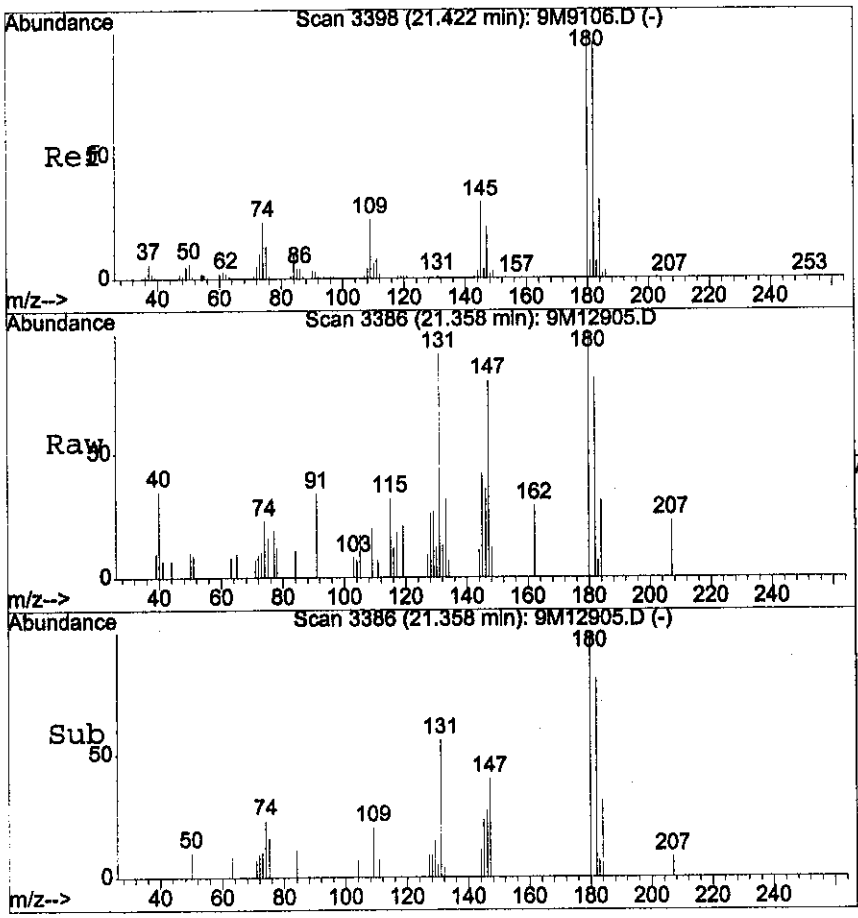


#86
Naphthalene
Concen: 41.10 ug/L
RT: 21.04 min Scan# 3327
Delta R.T. -0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:128 Resp: 941697

Ion	Ratio	Lower	Upper
128	100		
127	12.3	9.8	14.6

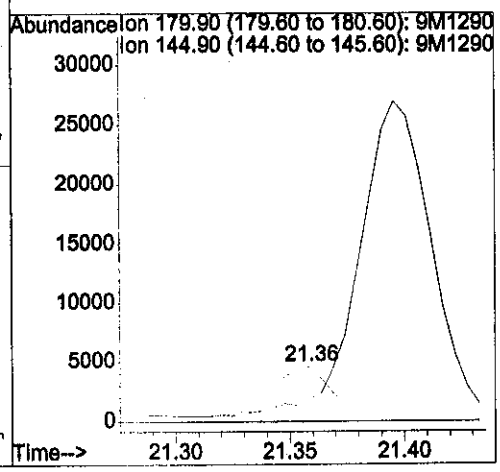




#87
1,2,3-Trichlorobenzene
Concen: 0.75 ug/L
RT: 21.36 min Scan# 3386
Delta R.T. 0.00 min
Lab File: 9M12905.D
Acq: 17 Oct 2000 11:08

Tgt Ion:180 Resp: 8789

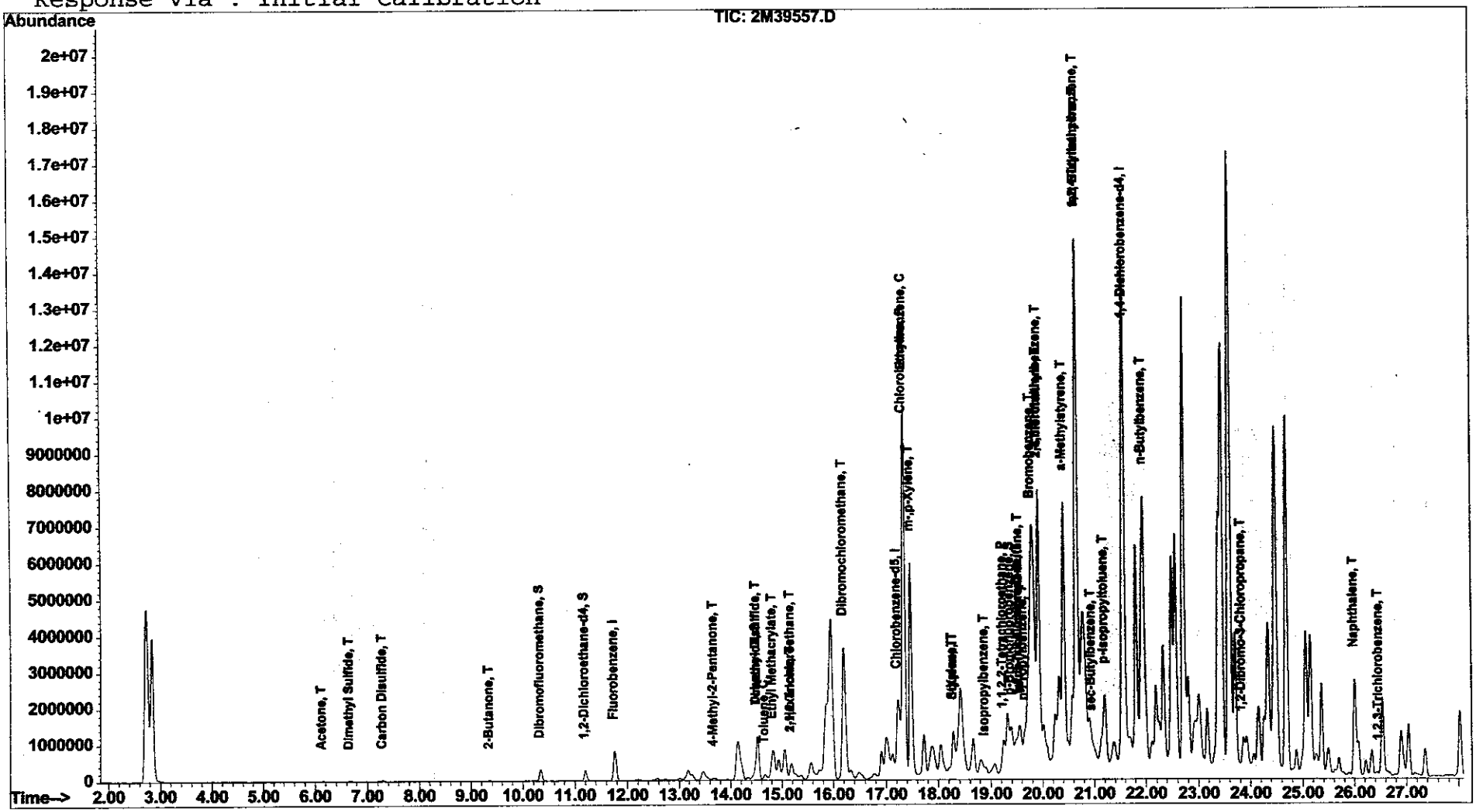
Ion	Ratio	Lower	Upper
180	100		
145	663.5	23.4	35.0#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39557.D Vial: 10
Acq On : 19 Oct 2000 12:45 Operator: CMS
Sample : L0010212-04 IT CORP 398-PPG-TANK 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 13:14 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39557.D
Acq On : 19 Oct 2000 12:45
Sample : L0010212-04 IT CORP 398-PPG-TANK 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Oct 19 13:14 2000

Vial: 10
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1436167	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.21	117	1029974	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	492492	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.35	111	384493	21.55	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	86.20%		
33) 1,2-Dichloroethane-d4	11.20	65	343800	21.14	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	84.56%		
45) Toluene-d8	14.52	98	1369074	23.78	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	95.12%		
66) p-Bromofluorobenzene	19.39	95	563603	25.71	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	102.84%		
Target Compounds						Qvalue
11) Acetone	6.14	43	47323	24.08	UG/L #	85
13) Dimethyl Sulfide	6.66	62	14454	0.94	UG/L #	75
16) Carbon Disulfide	7.30	76	97811	1.69	UG/L	99
23) 2-Butanone	9.36	43	40535	12.96	UG/L	92
41) 4-Methyl-2-Pentanone	13.69	58	6822	2.41	UG/L #	37
43) Dimethyl Disulfide	14.50	79	6985	0.49	UG/L #	49
46) Toluene	14.66	91	49389	0.74	ug/L	96
47) Ethyl Methacrylate	14.83	69	255796	18.60	UG/L #	58
49) 1,1,2-Trichloroethane	15.18	97	6354	0.66	UG/L #	1
50) 2-Hexanone	15.18	43	230420	47.31	UG/L #	51
53) Dibromochloromethane	16.20	129	5307	0.42	UG/L #	1
56) Chlorobenzene	17.32	112	8140	0.19	UG/L #	1
58) Ethylbenzene	17.34	106	4574317	209.79	UG/L I	100 10X
59) m-,p-Xylene	17.48	106	3243086	120.26	UG/L	99
60) o-Xylene	18.28	106	467039	17.65	UG/L	98
61) Styrene	18.28	104	29766	0.66	UG/L #	1
63) Isopropylbenzene	18.91	105	296601	4.34	ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.24	83	154534	13.76	UG/L #	18
67) 1,2,3-Trichloropropane	19.54	110	31723	12.58	UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.56	53	72710	24.94	UG/L #	16
69) n-Propylbenzene	19.64	91	271889	3.21	UG/L	99
70) Bromobenzene	19.78	156	51706	3.18	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.92	105	8289537	158.80	UG/L	89
72) 2-Chlorotoluene	19.92	91	857423	16.17	UG/L #	38
74) a-Methylstyrene	20.41	118	30549	1.03	UG/L #	1
75) tert-Butylbenzene	20.67	119	2143588	42.70	UG/L #	49

(#) = qualifier out of range (m) = manual integration

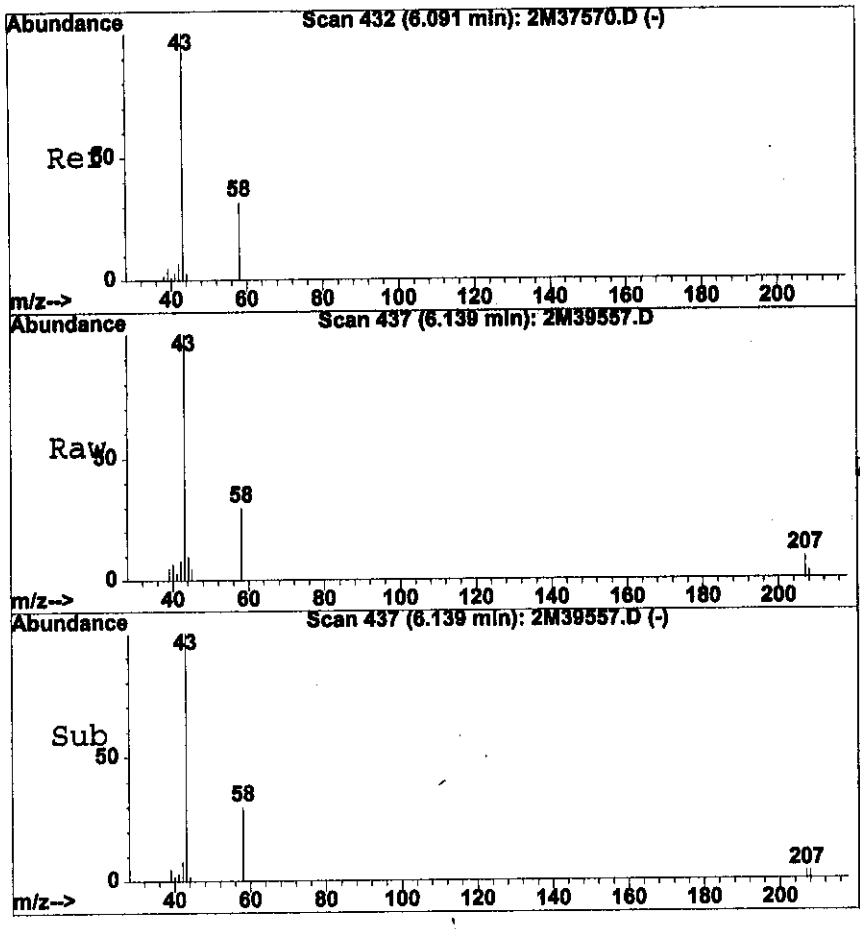
Data File : C:\HPCHEM\1\DATA\101900\2M39557.D
Acq On : 19 Oct 2000 12:45
Sample : L0010212-04 IT CORP 398-PPG-TANK 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Oct 19 13:14 2000

Vial: 10
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) 1,2,4-Trimethylbenzene	20.67	105	17249023	329.55	UG/L	NTC	90
77) sec-Butylbenzene	20.98	105	203844	3.20	UG/L		98
78) p-Isopropyltoluene	21.21	119	288118	5.50	UG/L		99
81) n-Butylbenzene	21.95	91	2000595	39.70	UG/L	#	1
83) 1,2-Dibromo-3-Chloropropan	23.83	157	1319	0.73	UG/L	#	1
86) Naphthalene	26.00	128	4479110	220.23	UG/L	NTC	99
87) 1,2,3-Trichlorobenzene	26.46	180	1185	0.13	UG/L	#	12

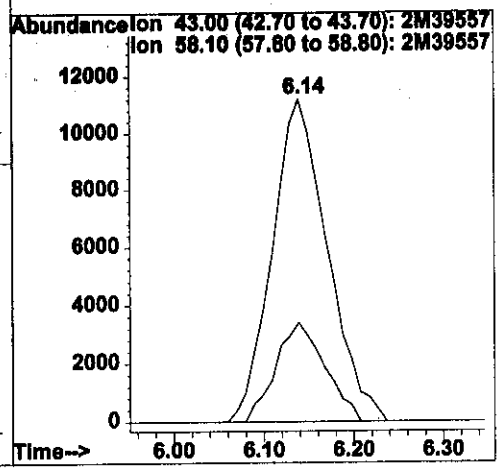
(#) = qualifier out of range (m) = manual integration

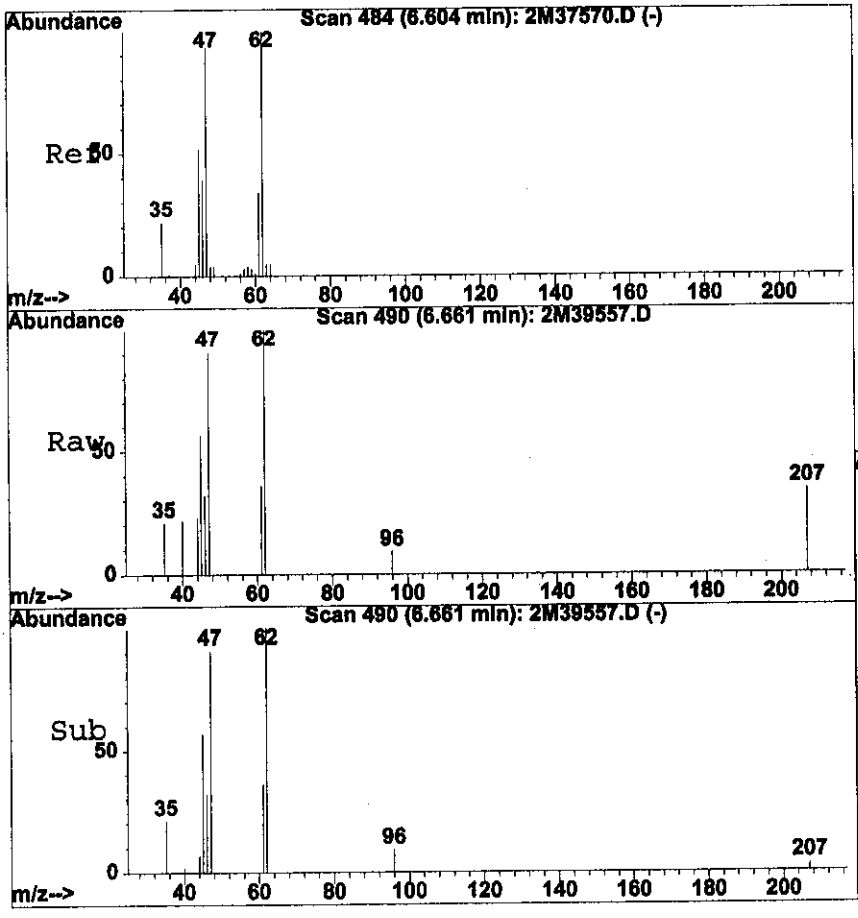


#11
Acetone
Concen: 24.08 UG/L
RT: 6.14 min Scan# 437
Delta R.T. -0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 43 Resp: 47323

Ion	Ratio	Lower	Upper
43	100		
58	27.3	16.3	24.5#

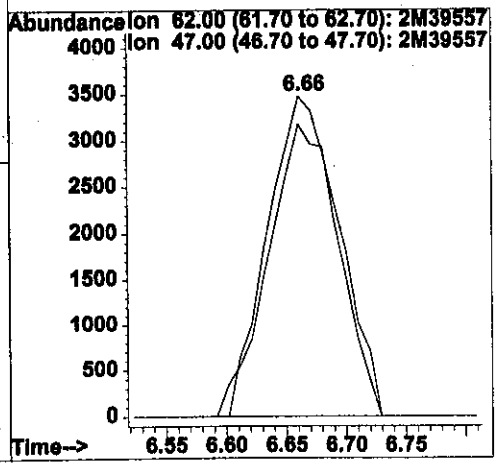


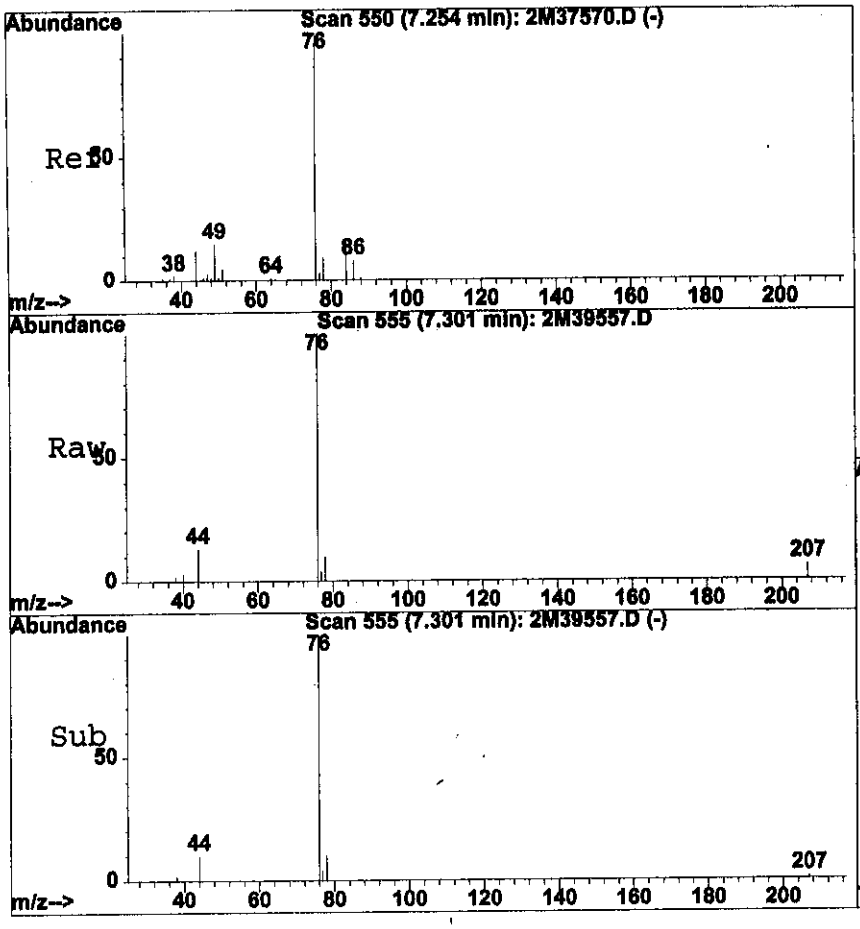


#13
Dimethyl Sulfide
Concen: 0.94 UG/L
RT: 6.66 min Scan# 490
Delta R.T. 0.00 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 62 Resp: 14454

Ion	Ratio	Lower	Upper
62	100		
47	89.9	93.5	140.3#

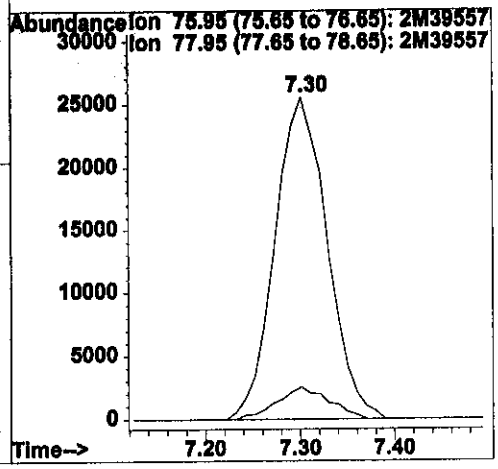


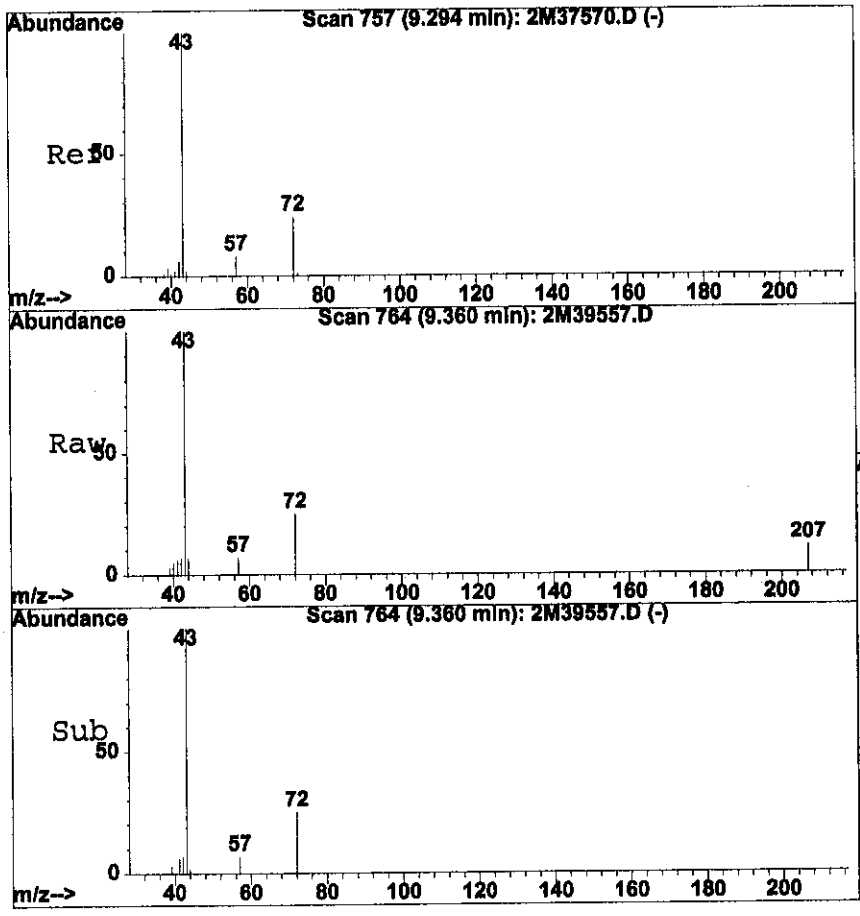


#16
Carbon Disulfide
Concen: 1.69 UG/L
RT: 7.30 min Scan# 555
Delta R.T. 0.00 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 76 Resp: 97811

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.6	11.4

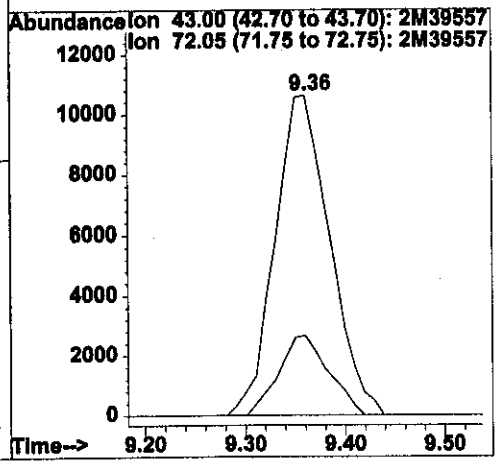


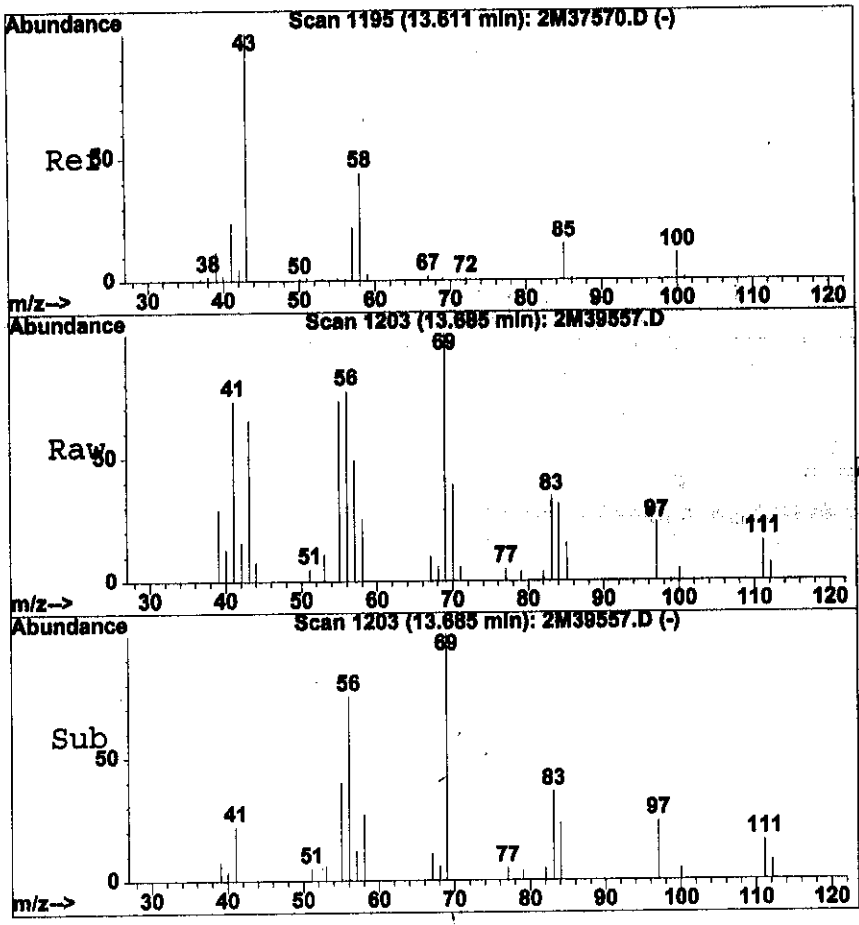


#23
2-Butanone
Concen: 12.96 UG/L
RT: 9.36 min Scan# 764
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 43 Resp: 40535

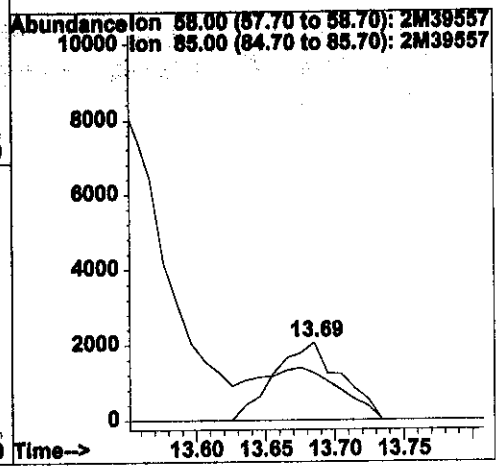
Ion	Ratio	Lower	Upper
43	100		
72	22.8	15.3	22.9

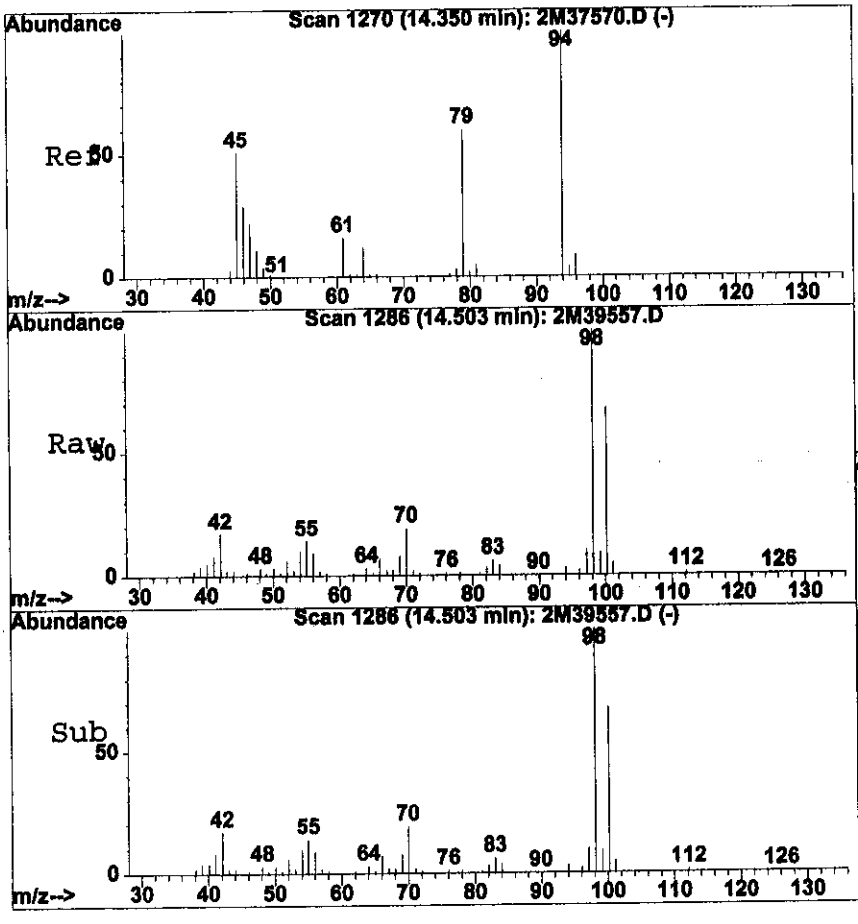




#41
4-Methyl-2-Pentanone
Concen: 2.41 UG/L
RT: 13.69 min Scan# 1203
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

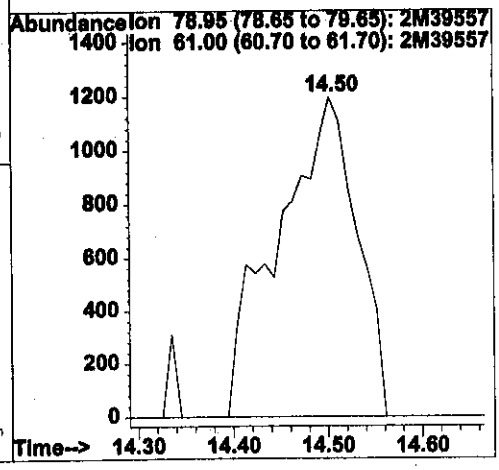
Tgt Ion: 58	Resp:	6822	
Ion	Ratio	Lower	Upper
58	100		
85	86.6	36.2	54.2#

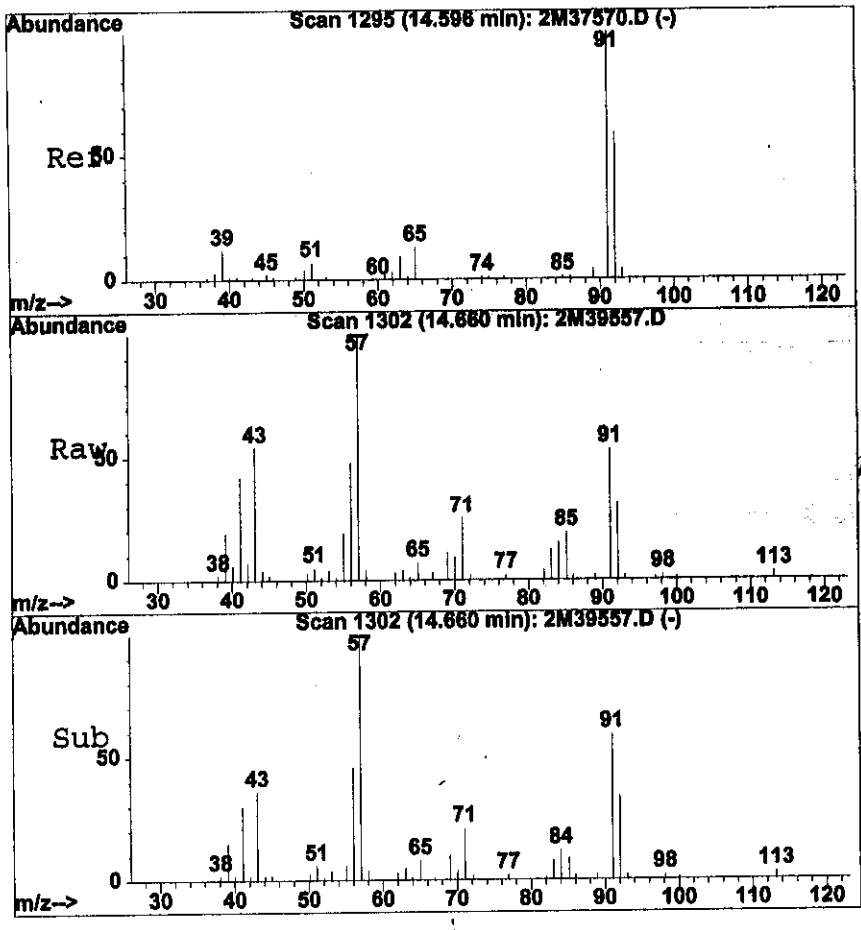




#43
Dimethyl Disulfide
Concen: 0.49 UG/L
RT: 14.50 min Scan# 1286
Delta R.T. 0.08 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 79	Resp:	6985	
Ion	Ratio	Lower	Upper
79	100		
61	0.0	20.5	30.7#

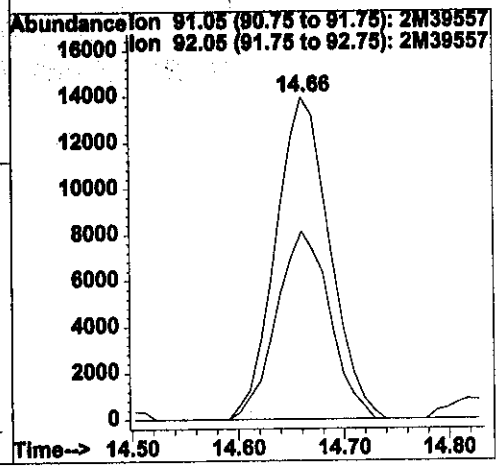


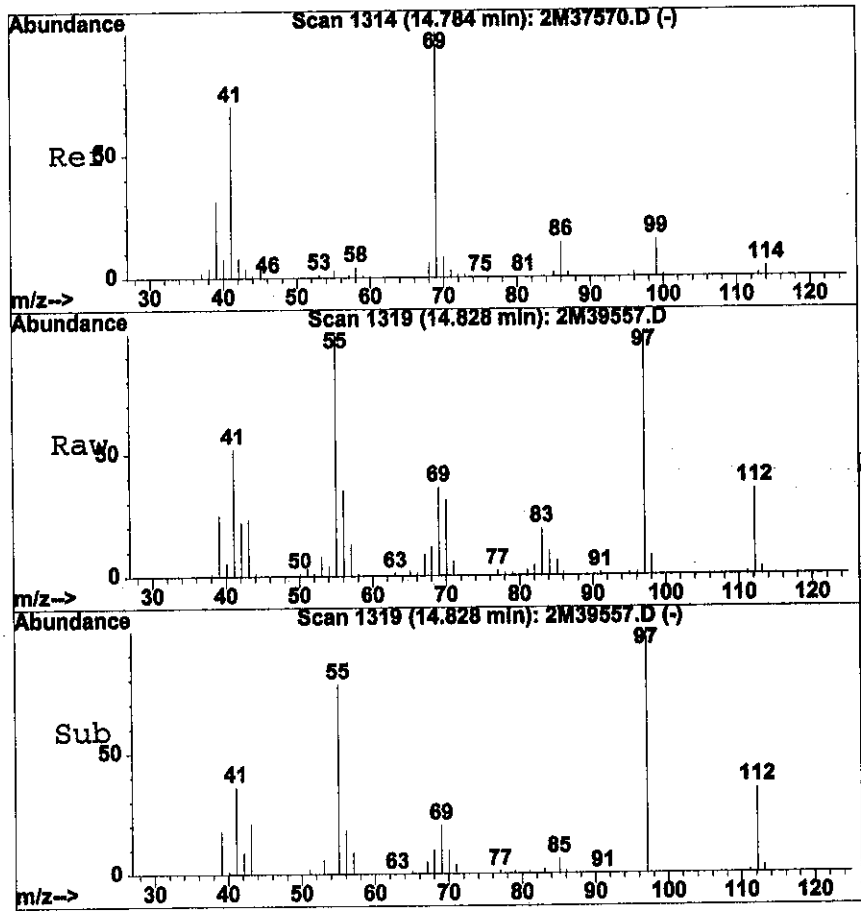


#46
Toluene
Concen: 0.74 ug/L
RT: 14.66 min Scan# 1302
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 91 Resp: 49389

Ion	Ratio	Lower	Upper
91	100		
92	57.6	48.3	72.5

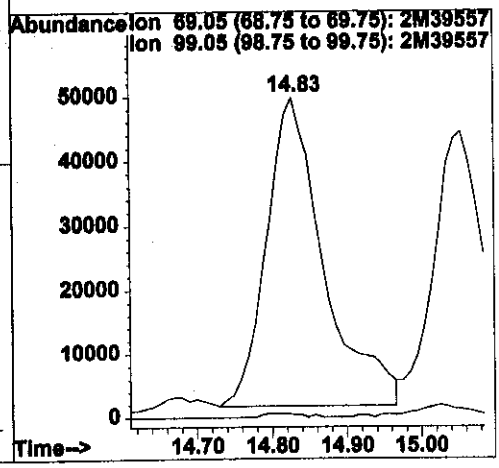


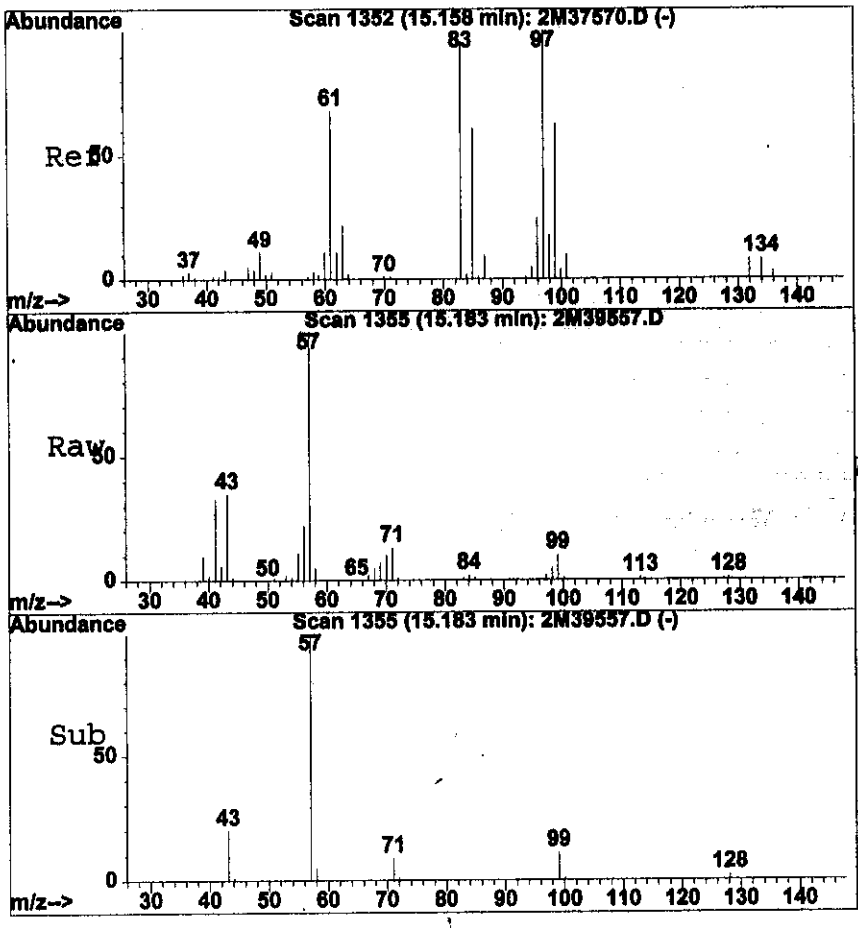


#47
Ethyl Methacrylate
Concen: 18.60 UG/L
RT: 14.83 min Scan# 1319
Delta R.T. -0.04 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 69 Resp: 255796

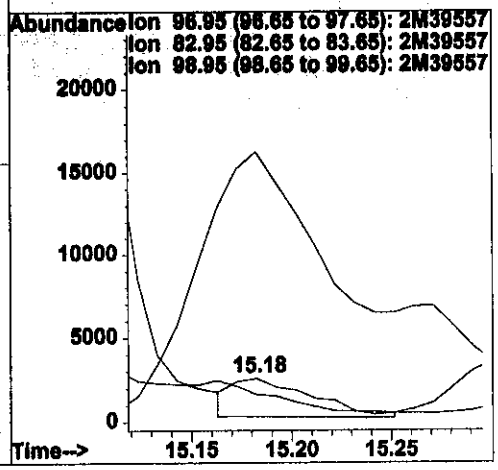
Ion	Ratio	Lower	Upper
69	100		
99	0.7	16.2	24.4#

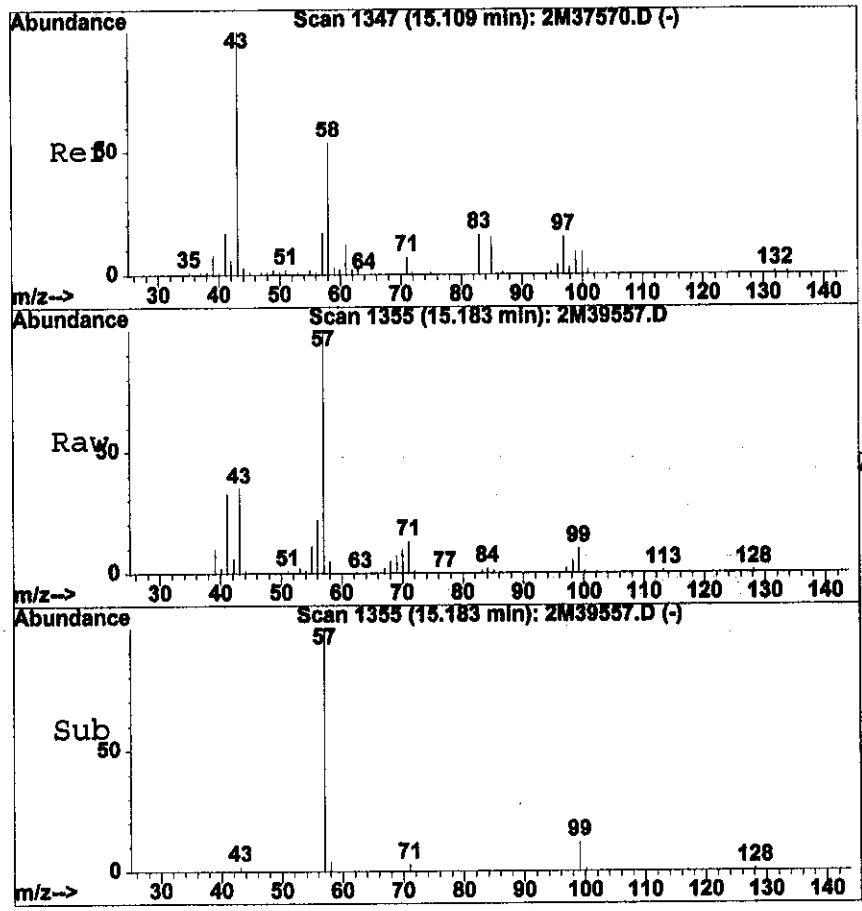




#49
1,1,2-Trichloroethane
Concen: 0.66 UG/L
RT: 15.18 min Scan# 1355
Delta R.T. -0.05 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

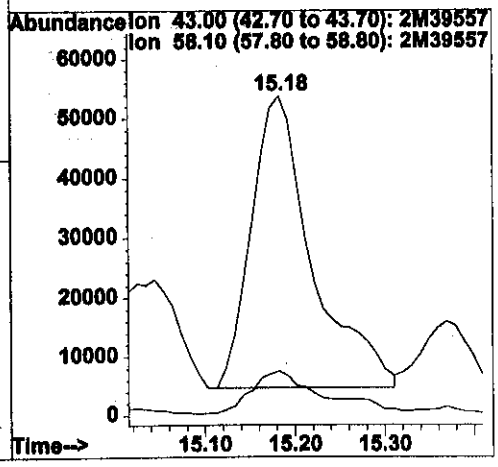
Tgt Ion: 97	Resp:	6354	
Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.3	96.5#
99	1218.1	50.4	75.6#

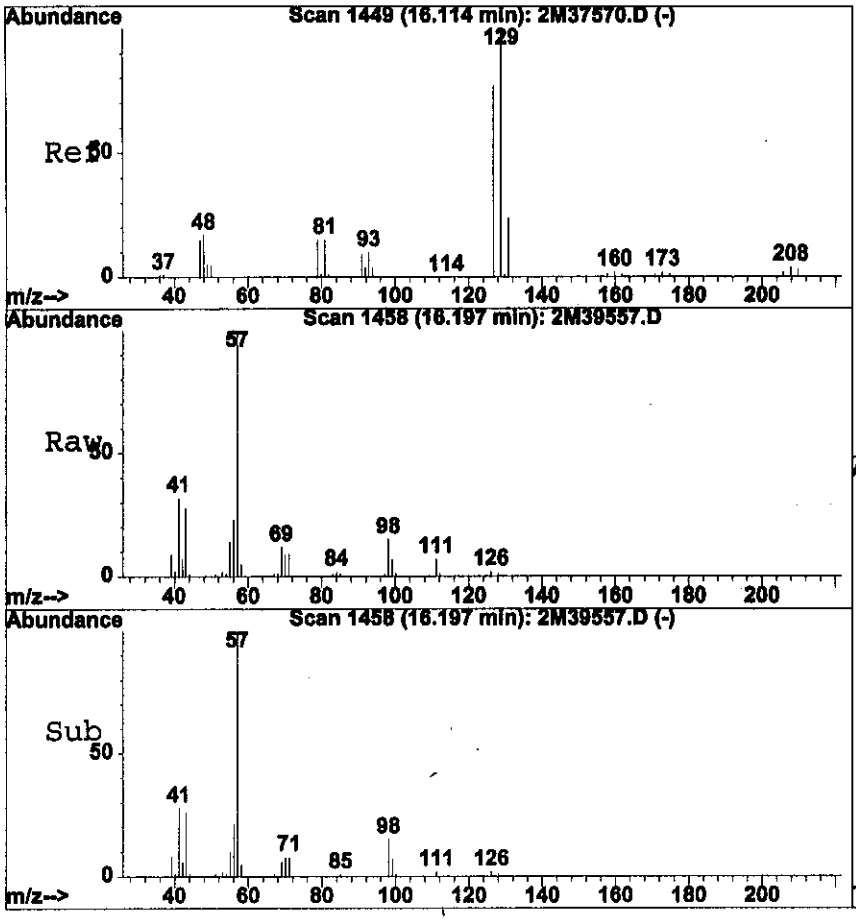




#50
2-Hexanone
Concen: 47.31 UG/L
RT: 15.18 min Scan# 1355
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

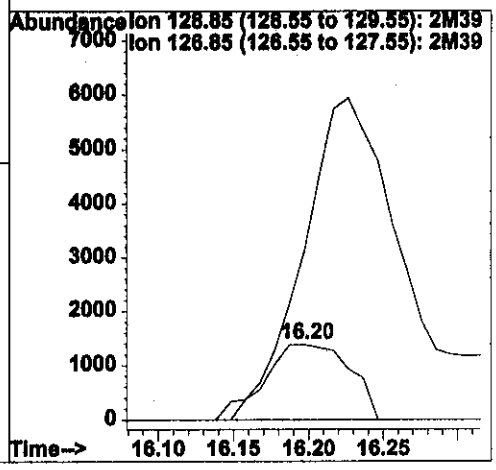
Tgt Ion: 43	Resp:	230420	
Ion	Ratio	Lower	Upper
43	100		
58	14.3	37.7	56.5#

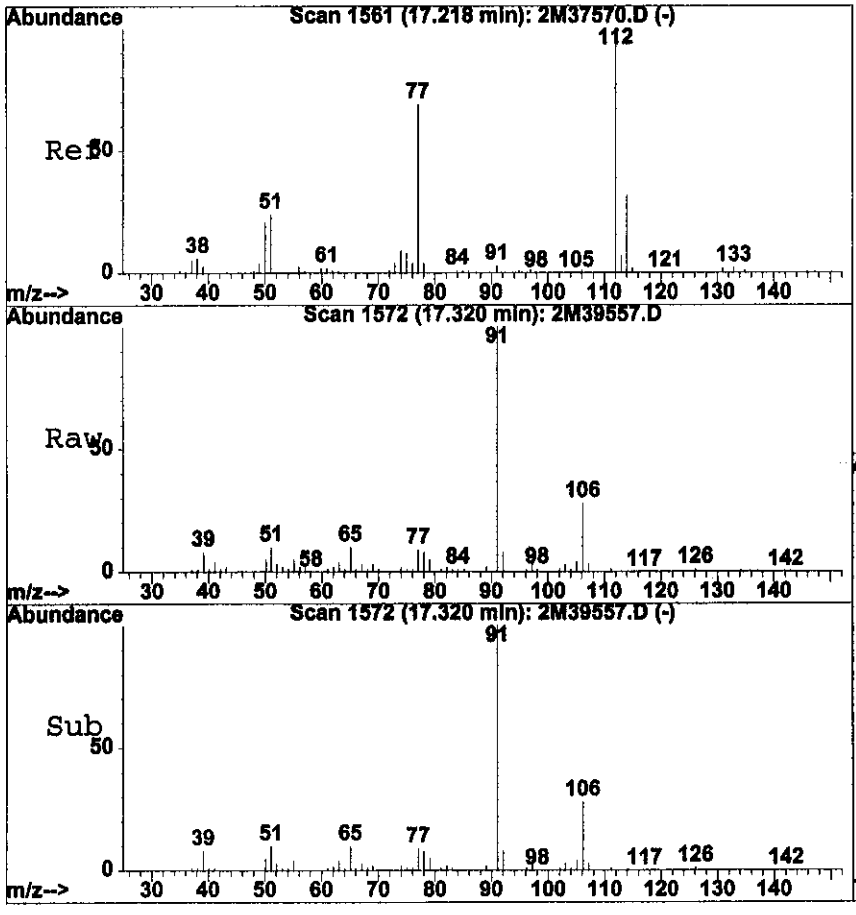




#53
Dibromochloromethane
Concen: 0.42 UG/L
RT: 16.20 min Scan# 1458
Delta R.T. 0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

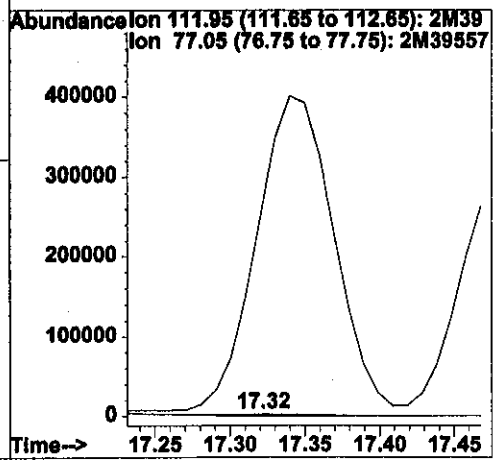
Tgt Ion:129	Resp:	5307	
Ion	Ratio	Lower	Upper
129	100		
127	514.3	60.9	91.3#

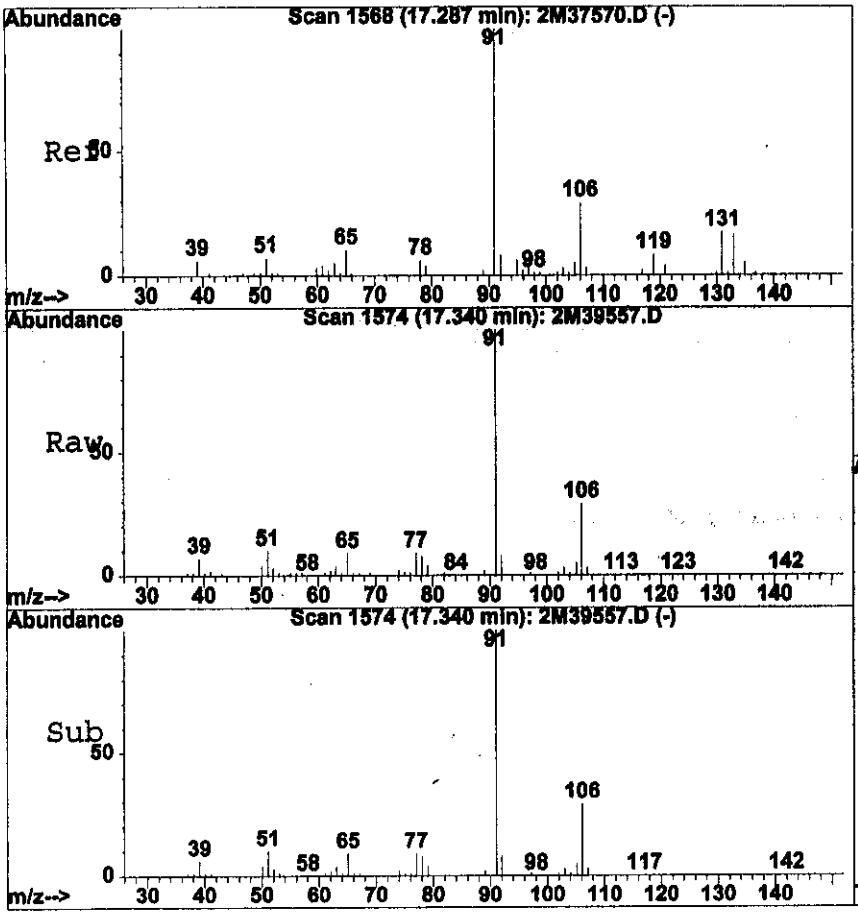




#56
Chlorobenzene
Concen: 0.19 UG/L
RT: 17.32 min Scan# 1572
Delta R.T. 0.03 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:112	Resp:	8140	
Ion	Ratio	Lower	Upper
112	100		
77	17824.4	50.7	76.1#

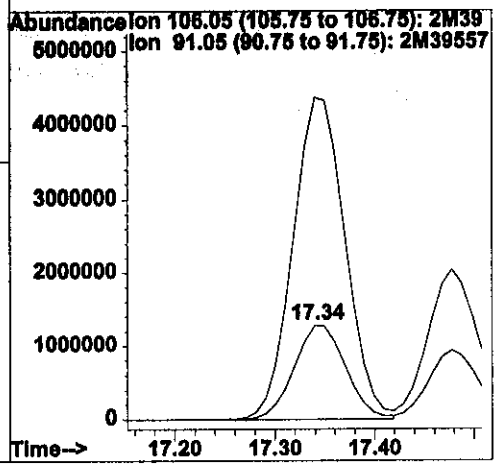


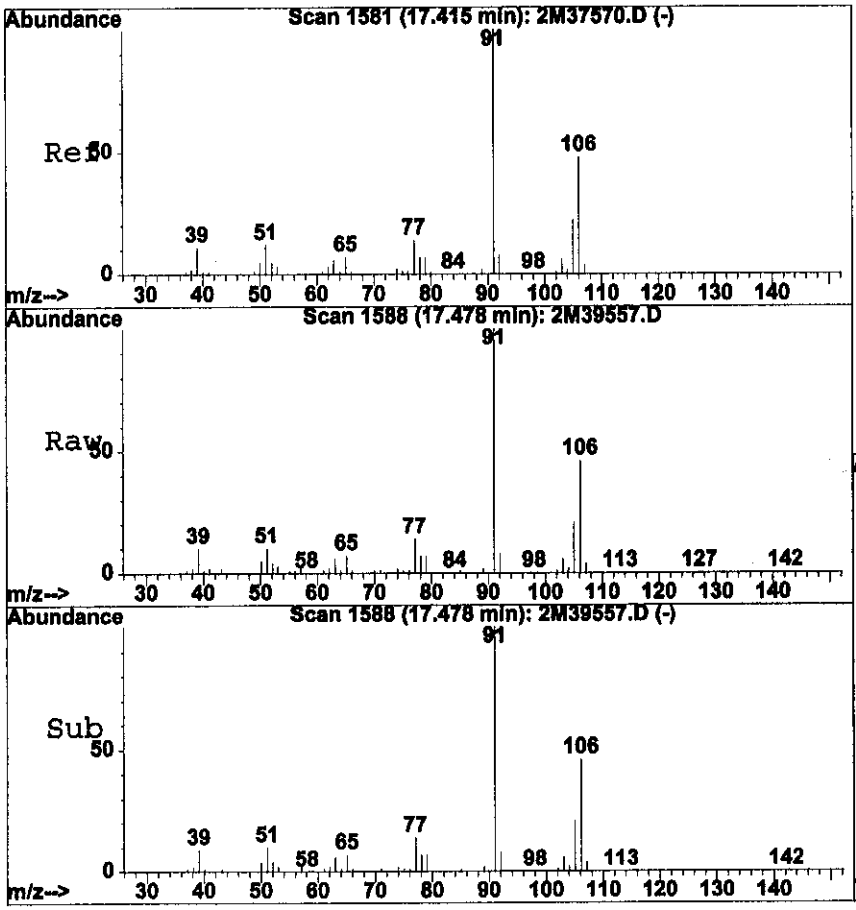


#58
Ethylbenzene
Concen: 209.79 UG/L
RT: 17.34 min Scan# 1574
Delta R.T. -0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:106 Resp: 4574317

Ion	Ratio	Lower	Upper
106	100		
91	348.0	277.9	416.9

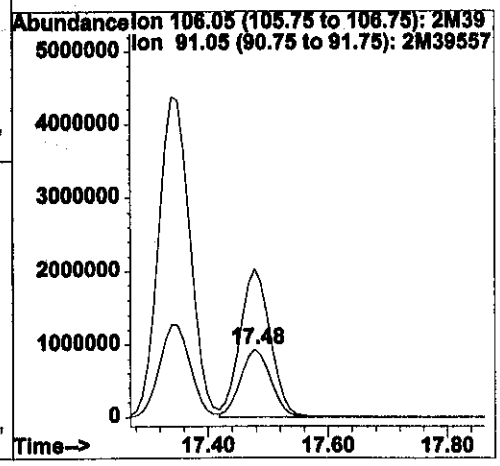


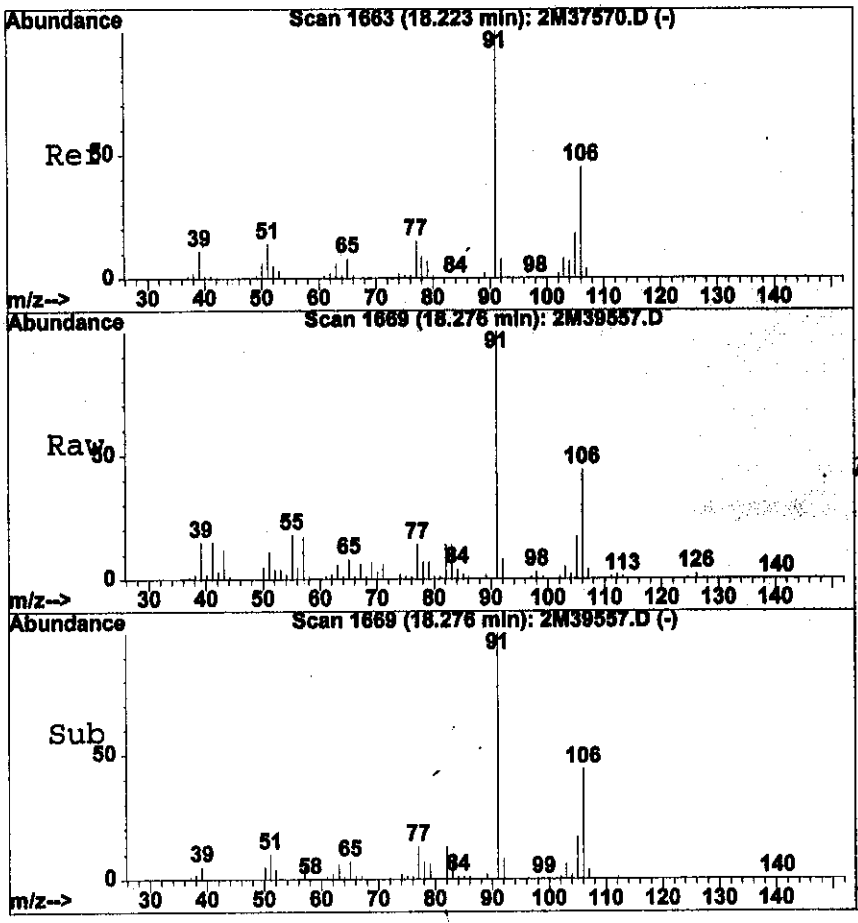


#59
m-,p-Xylene
Concen: 120.26 UG/L
RT: 17.48 min Scan# 1588
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:106 Resp: 3243086

Ion	Ratio	Lower	Upper
106	100		
91	218.6	173.4	260.2

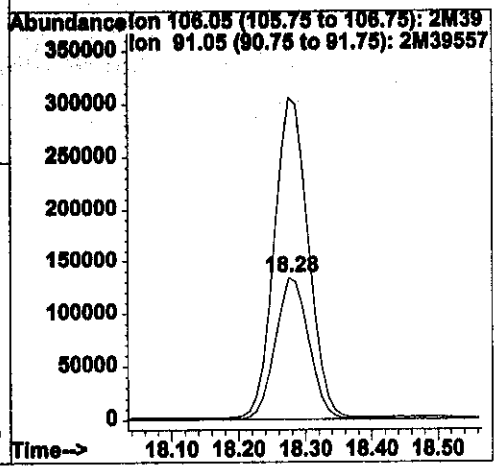


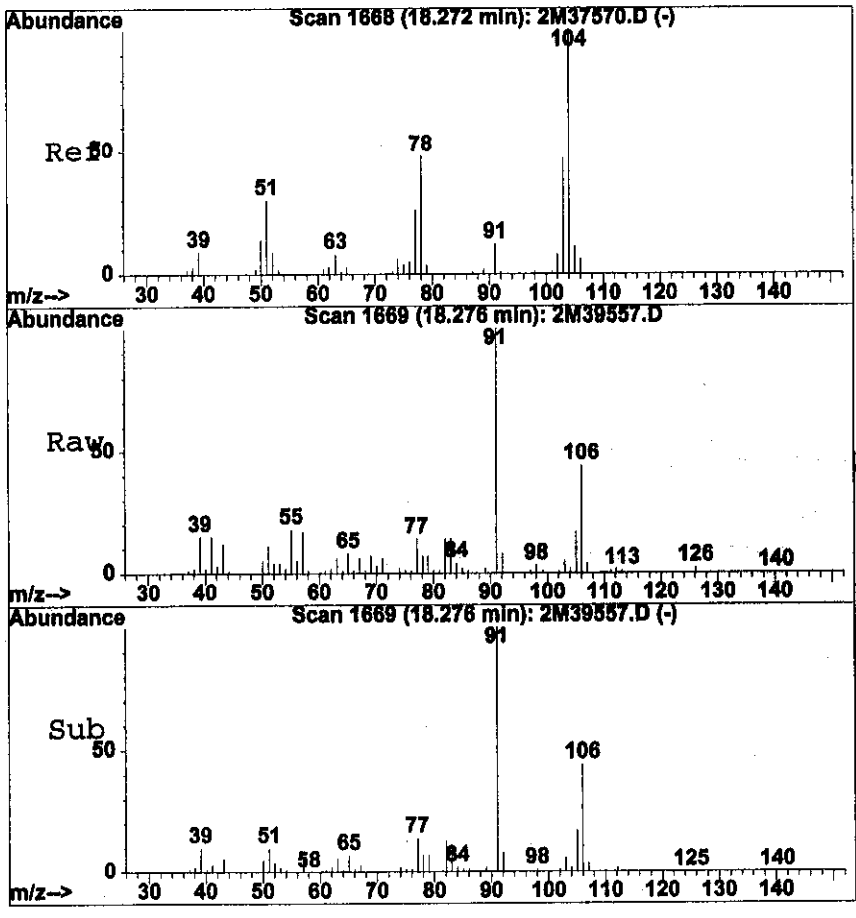


#60
o-Xylene
Concen: 17.65 UG/L
RT: 18.28 min Scan# 1669
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:106 Resp: 467039

Ion	Ratio	Lower	Upper
106	100		
91	230.3	181.0	271.6

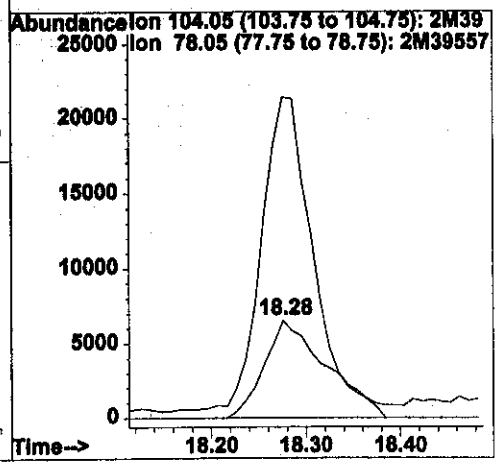


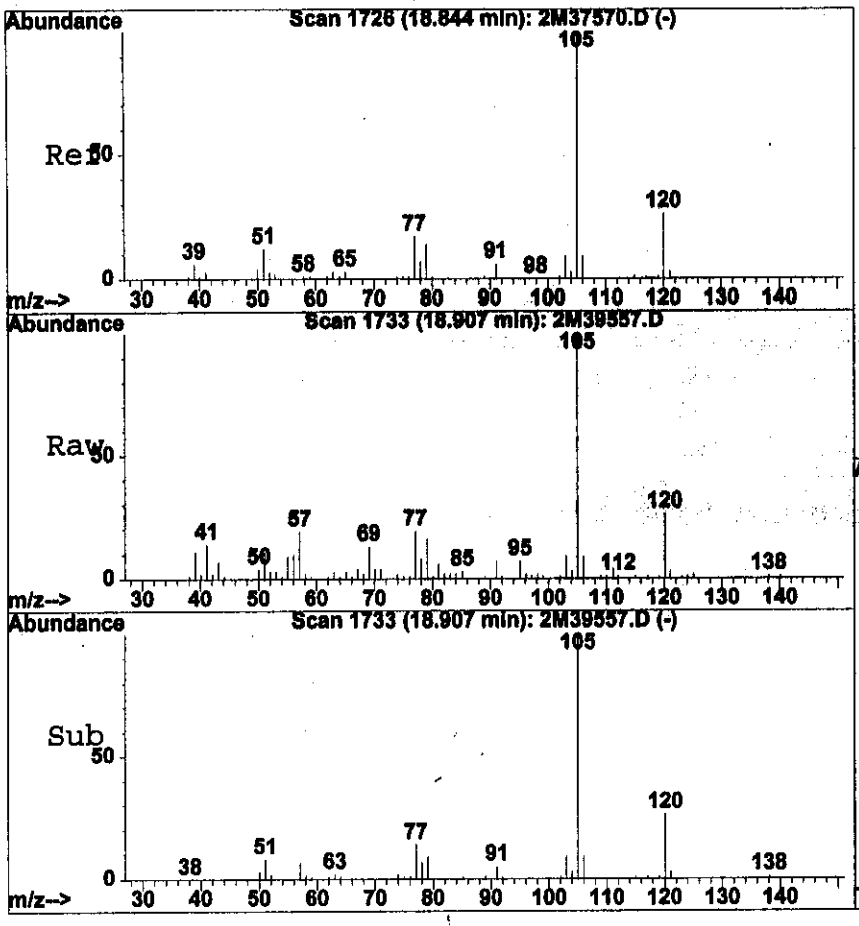


#61
Styrene
Concen: 0.66 UG/L
RT: 18.28 min Scan# 1669
Delta R.T. -0.07 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:104 Resp: 29766

Ion	Ratio	Lower	Upper
104	100		
78	264.7	36.0	54.0#

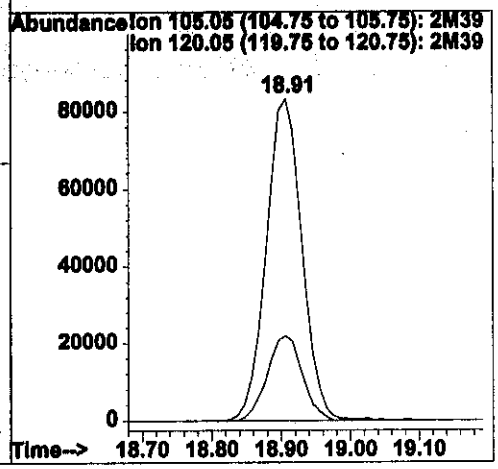


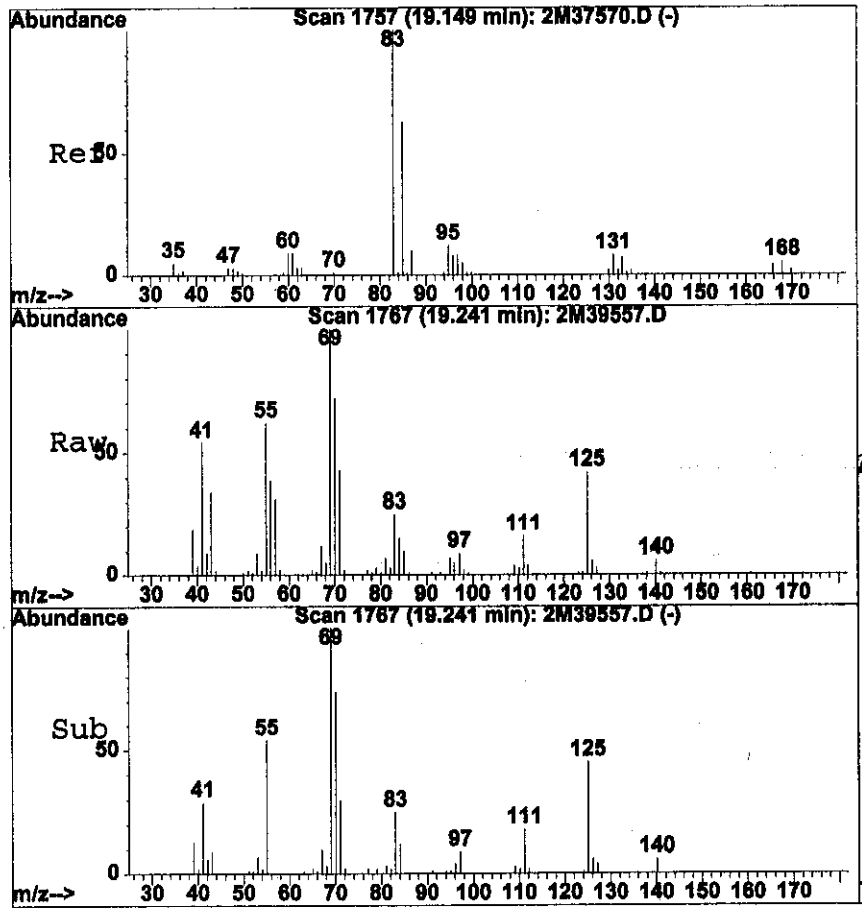


#63
Isopropylbenzene
Concen: 4.34 ug/L
RT: 18.91 min Scan# 1733
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:105 Resp: 296601

Ion	Ratio	Lower	Upper
105	100		
120	25.7	18.7	28.1

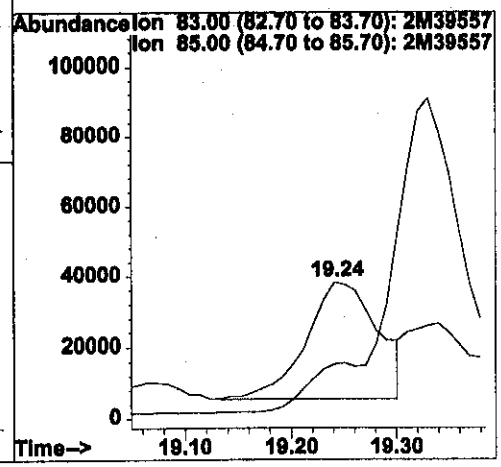


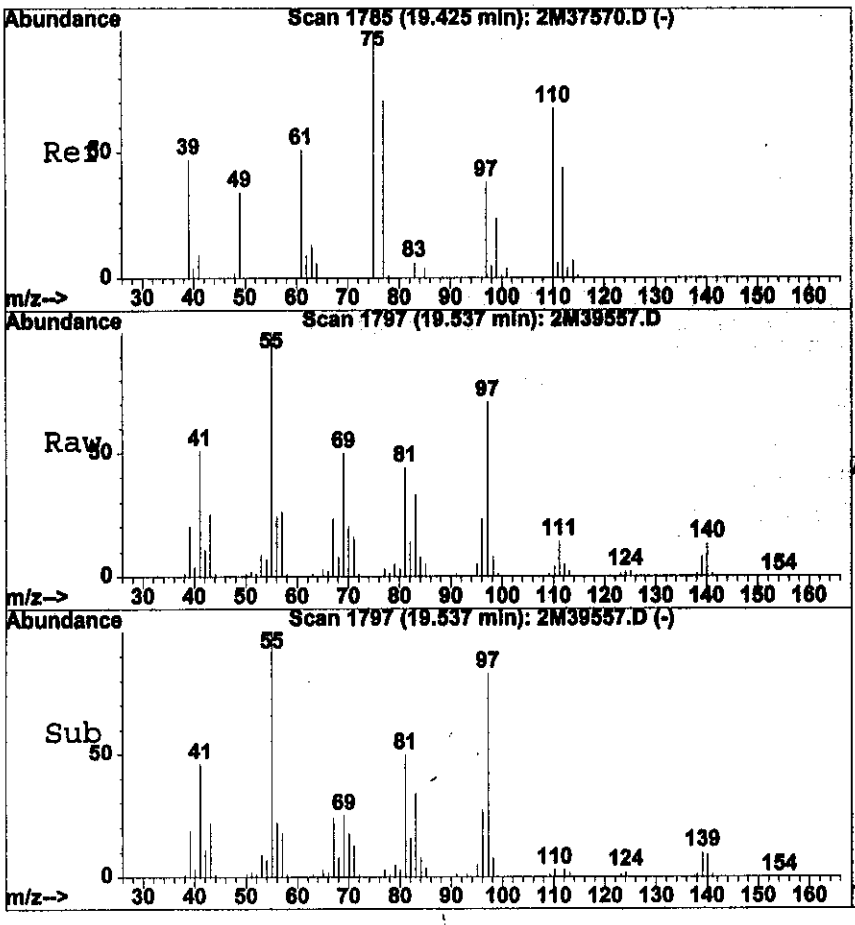


#65
1,1,2,2-Tetrachloroethane
Concen: 13.76 UG/L
RT: 19.24 min Scan# 1767
Delta R.T. 0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 83 Resp: 154534

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.4	84.4#

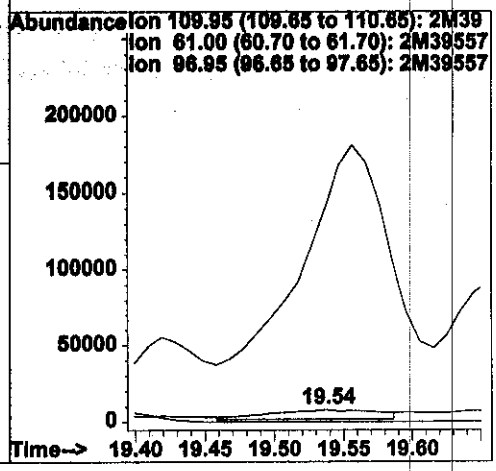


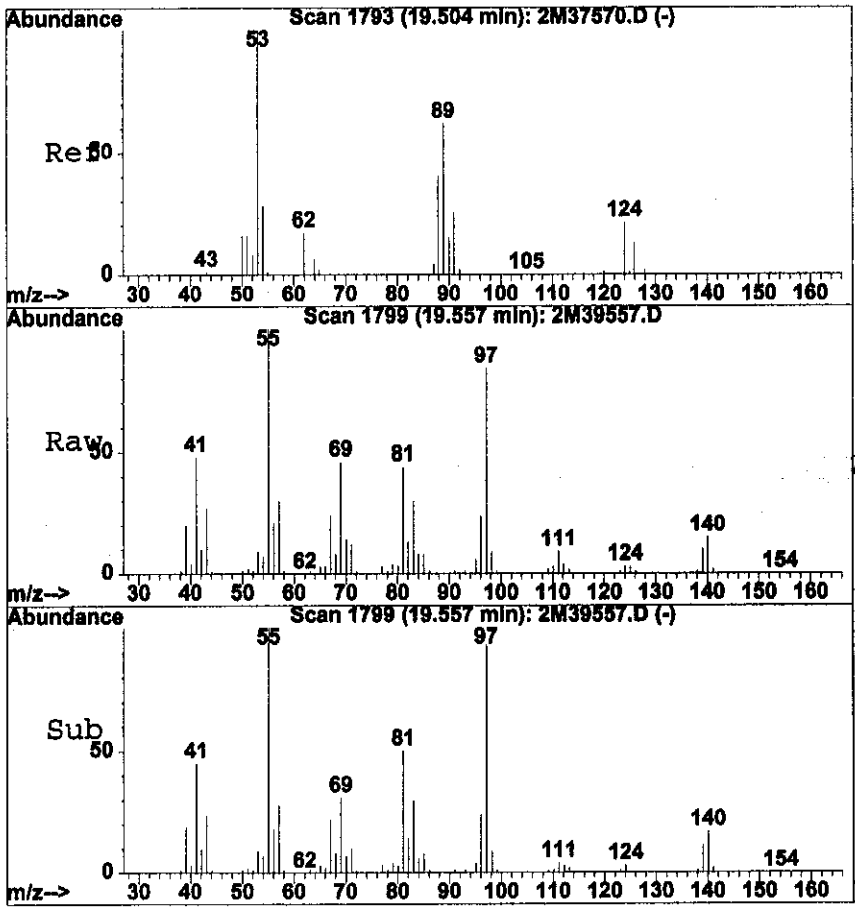


#67
1,2,3-Trichloropropane
Concen: 12.58 UG/L
RT: 19.54 min Scan# 1797
Delta R.T. 0.04 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:110 Resp: 31723

Ion	Ratio	Lower	Upper
110	100		
61	0.0	55.9	83.9#
97	2806.0	43.3	64.9#

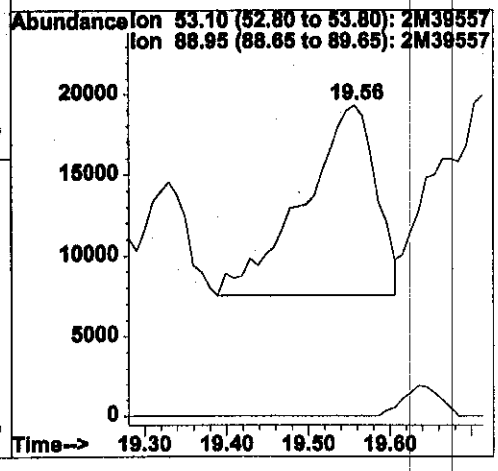


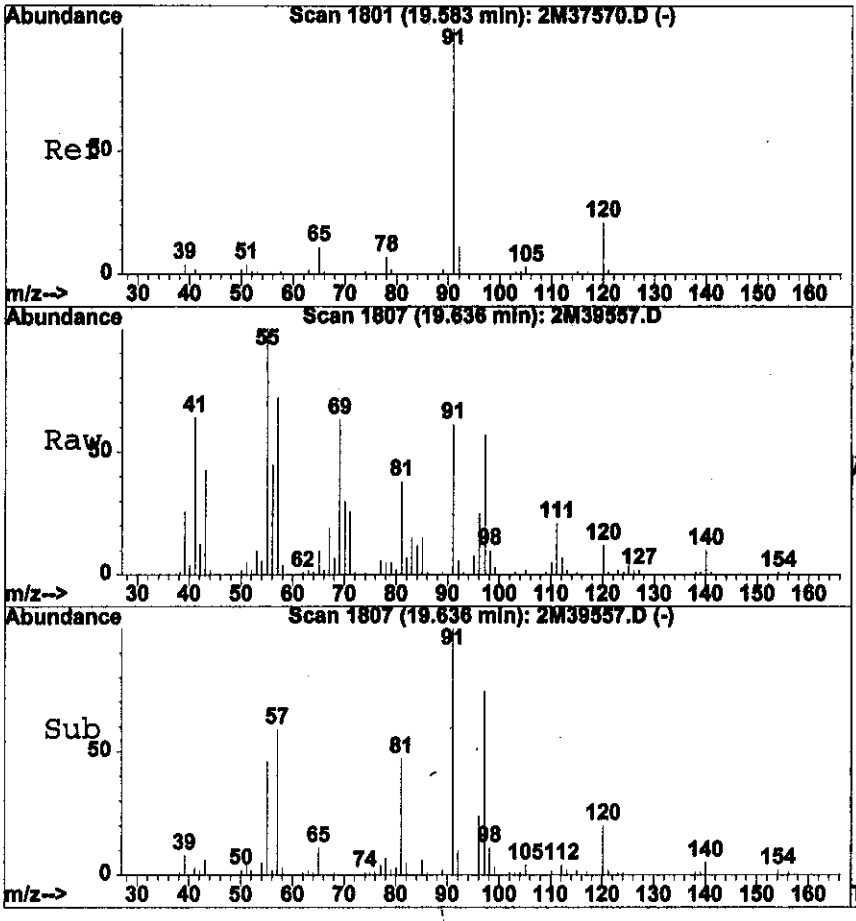


#68
trans-1,4-Dichloro-2-Butene
Concen: 24.94 UG/L
RT: 19.56 min Scan# 1799
Delta R.T. -0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 53 Resp: 72710

Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

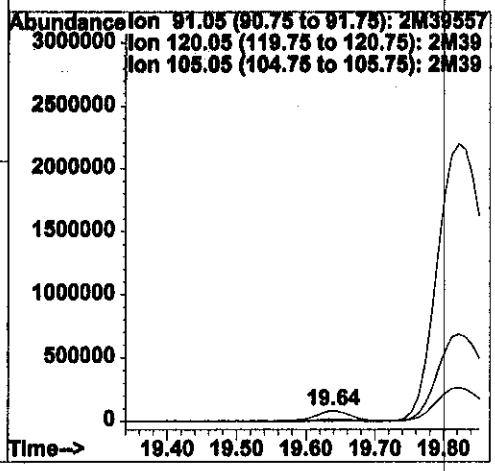


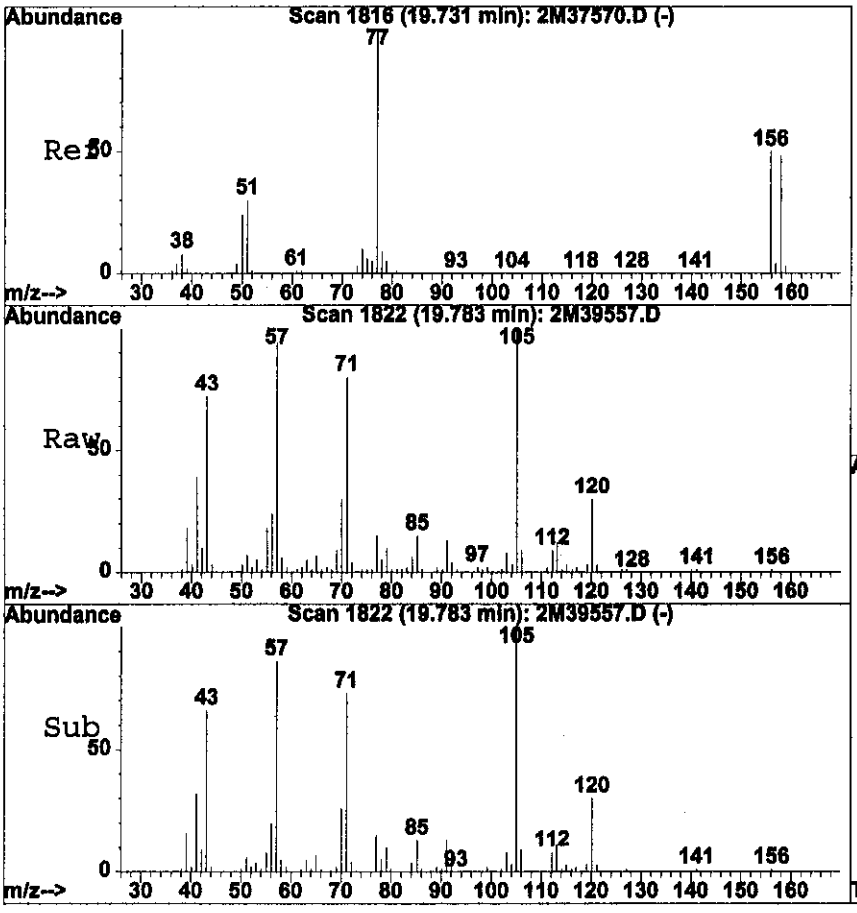


#69
n-Propylbenzene
Concen: 3.21 UG/L
RT: 19.64 min Scan# 1807
Delta R.T. -0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 91 Resp: 271889

Ion	Ratio	Lower	Upper
91	100		
120	19.0	15.5	23.3
105	3.8	3.0	4.4

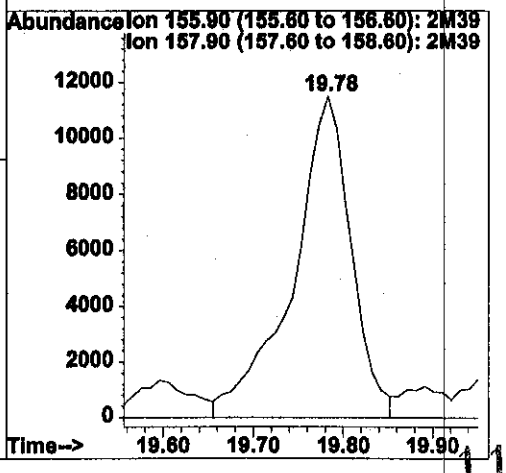


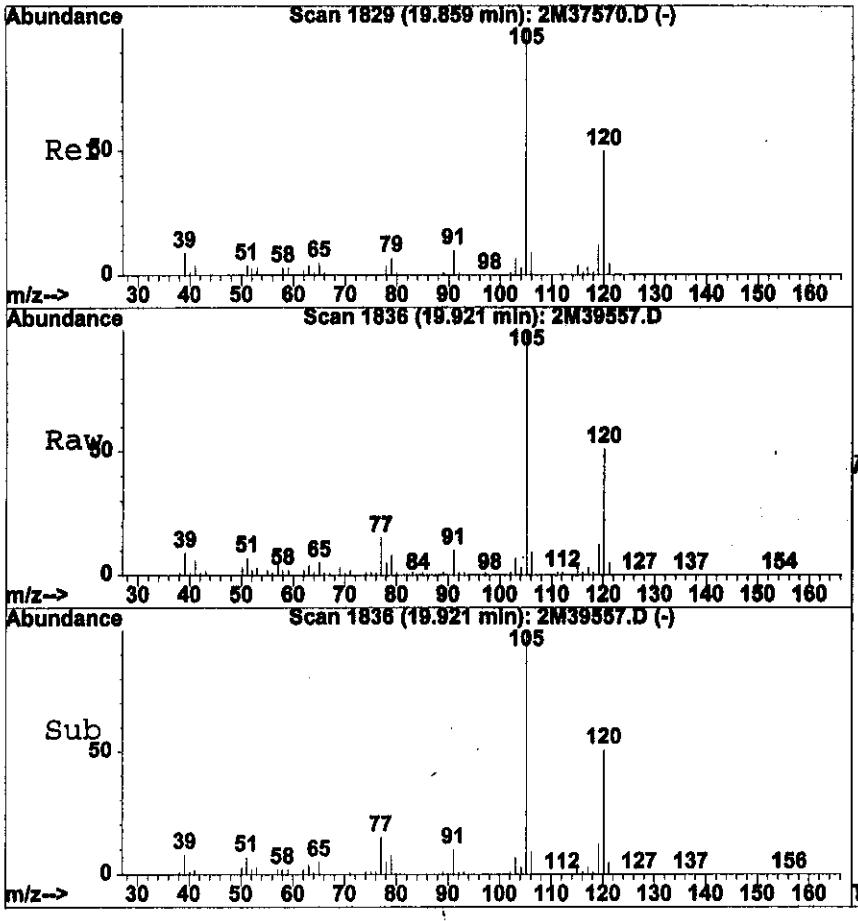


#70
Bromobenzene
Concen: 3.18 UG/L
RT: 19.78 min Scan# 1822
Delta R.T. -0.02 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:156 Resp: 51706

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

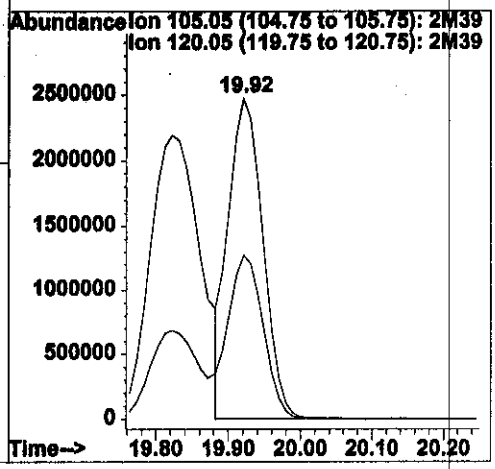


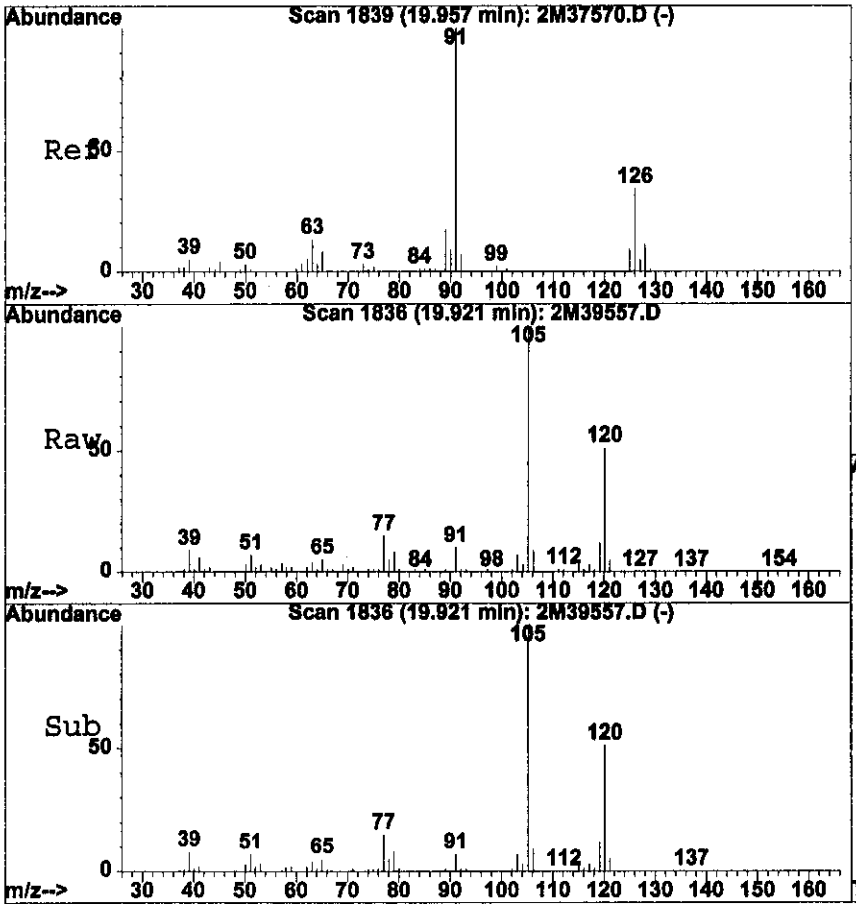


#71
1,3,5-Trimethylbenzene
Concen: 158.80 UG/L
RT: 19.92 min Scan# 1836
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:105 Resp: 8289537

Ion	Ratio	Lower	Upper
105	100		
120	53.5	37.0	55.4

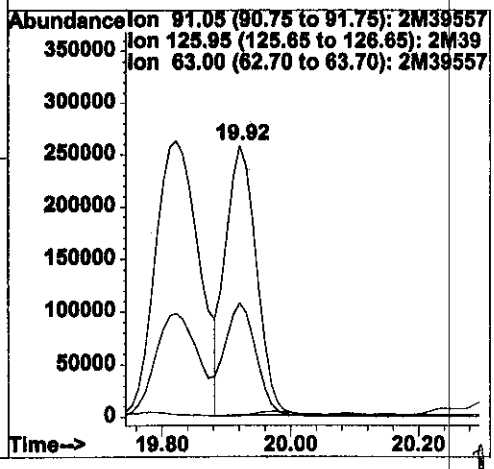


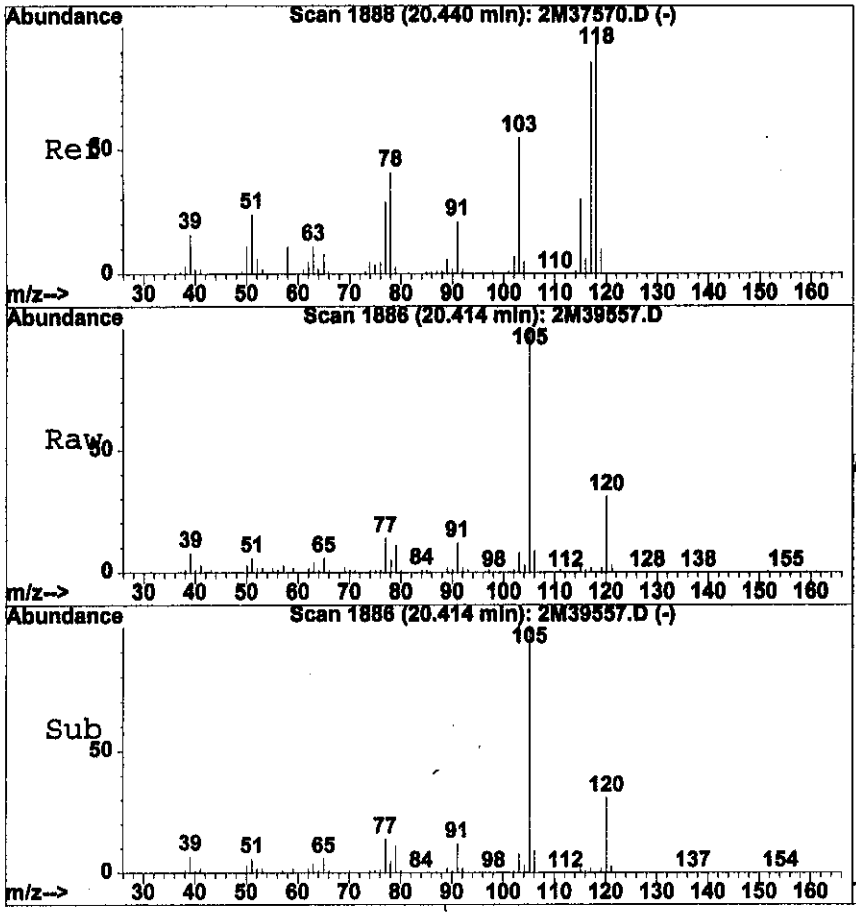


#72
2-Chlorotoluene
Concen: 16.17 UG/L
RT: 19.92 min Scan# 1836
Delta R.T. -0.11 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 91 Resp: 857423

Ion	Ratio	Lower	Upper
91	100		
126	0.0	23.5	35.3#
63	44.2	10.7	16.1#

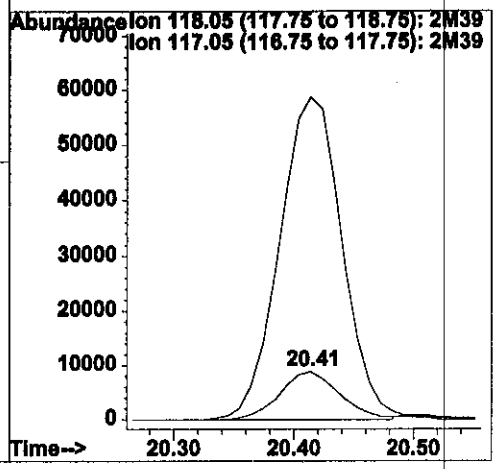


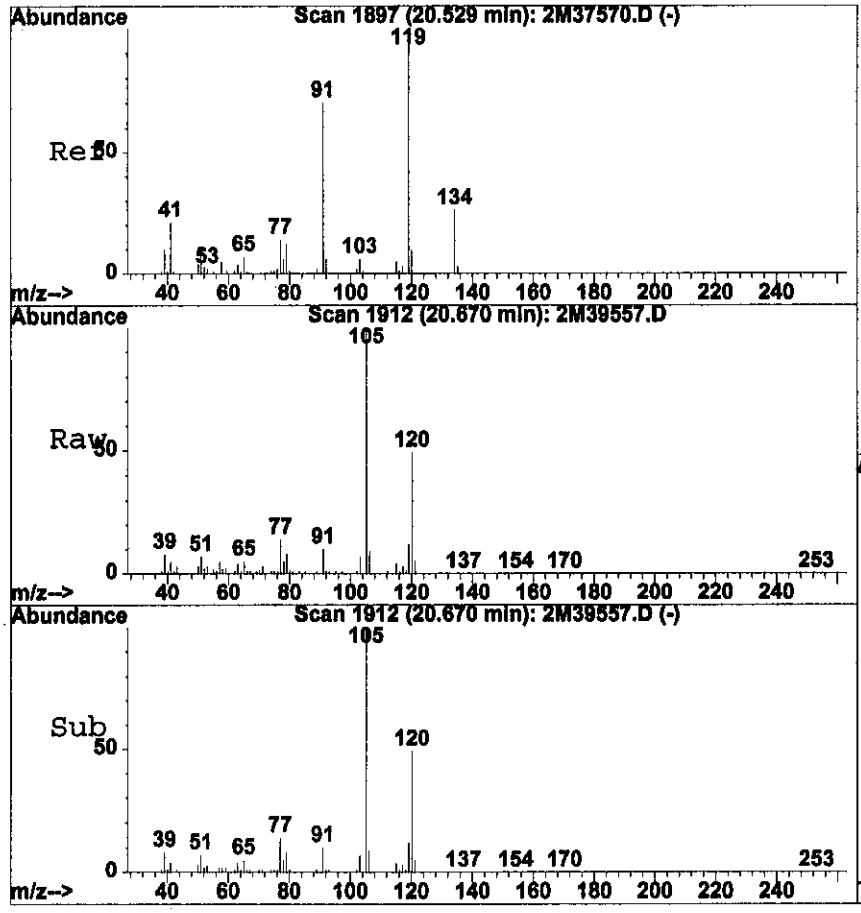


#74
a-Methylstyrene
Concen: 1.03 UG/L
RT: 20.41 min Scan# 1886
Delta R.T. -0.10 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:118 Resp: 30549

Ion	Ratio	Lower	Upper
118	100		
117	705.6	69.1	103.7#

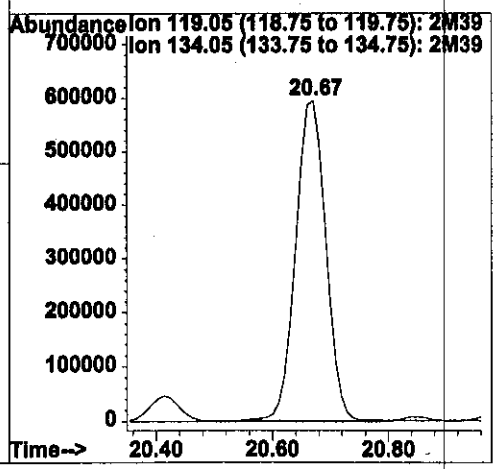


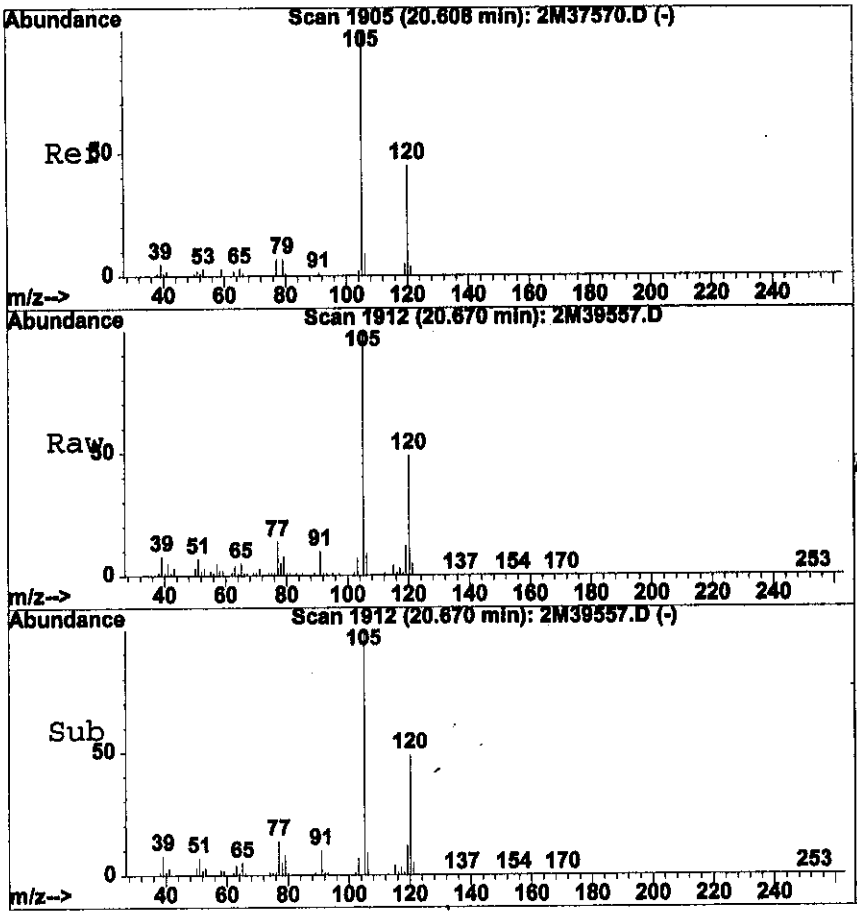


#75
tert-Butylbenzene
Concen: 42.70 UG/L
RT: 20.67 min Scan# 1912
Delta R.T. 0.07 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:119 Resp: 2143588

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

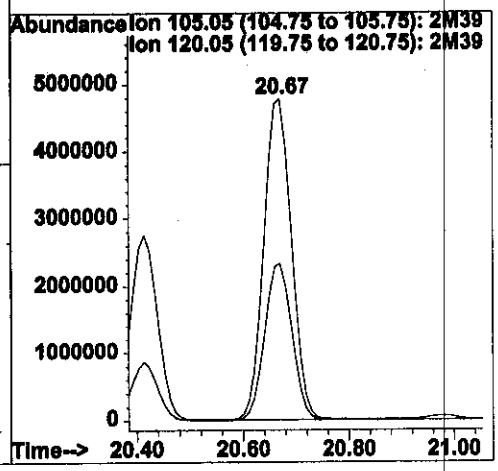


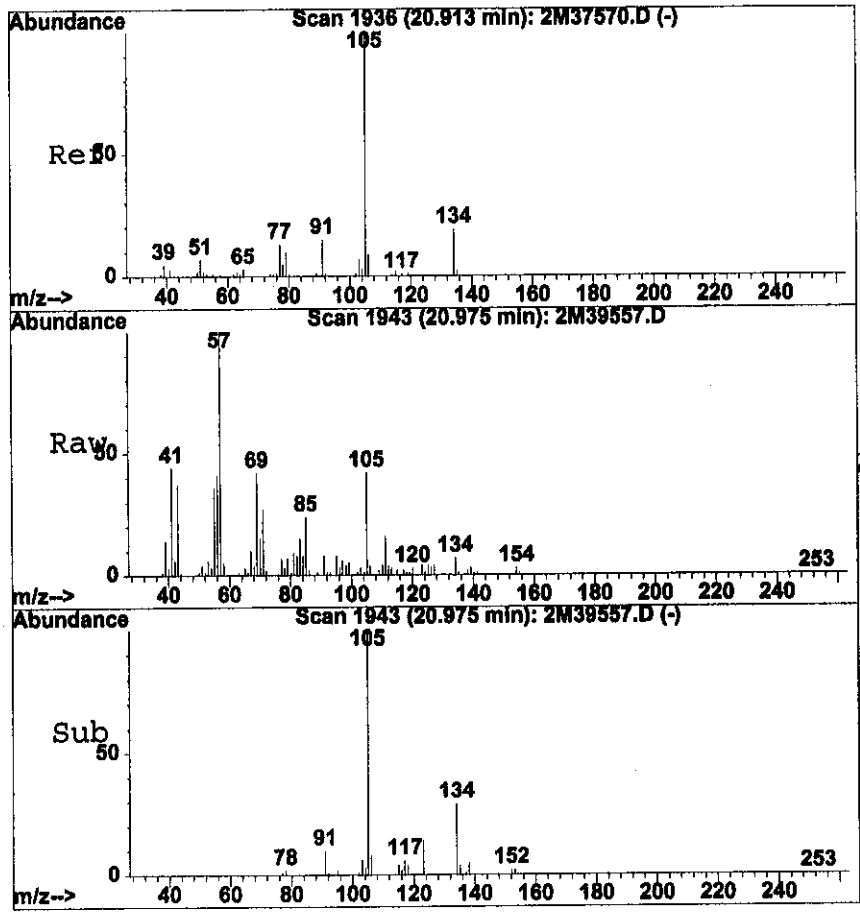


#76
1,2,4-Trimethylbenzene
Concen: 329.55 UG/L
RT: 20.67 min Scan# 1912
Delta R.T. 0.00 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:105 Resp:17249023

Ion	Ratio	Lower	Upper
105	100		
120	48.4	33.7	50.5

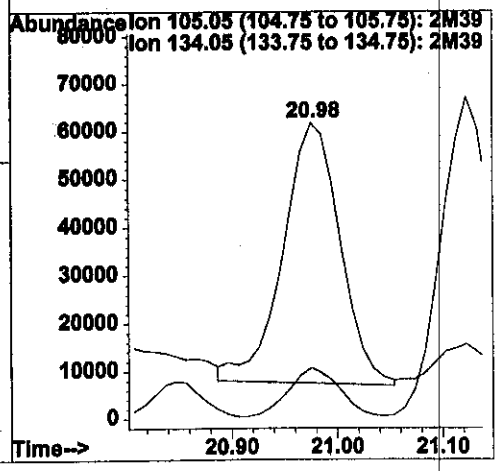


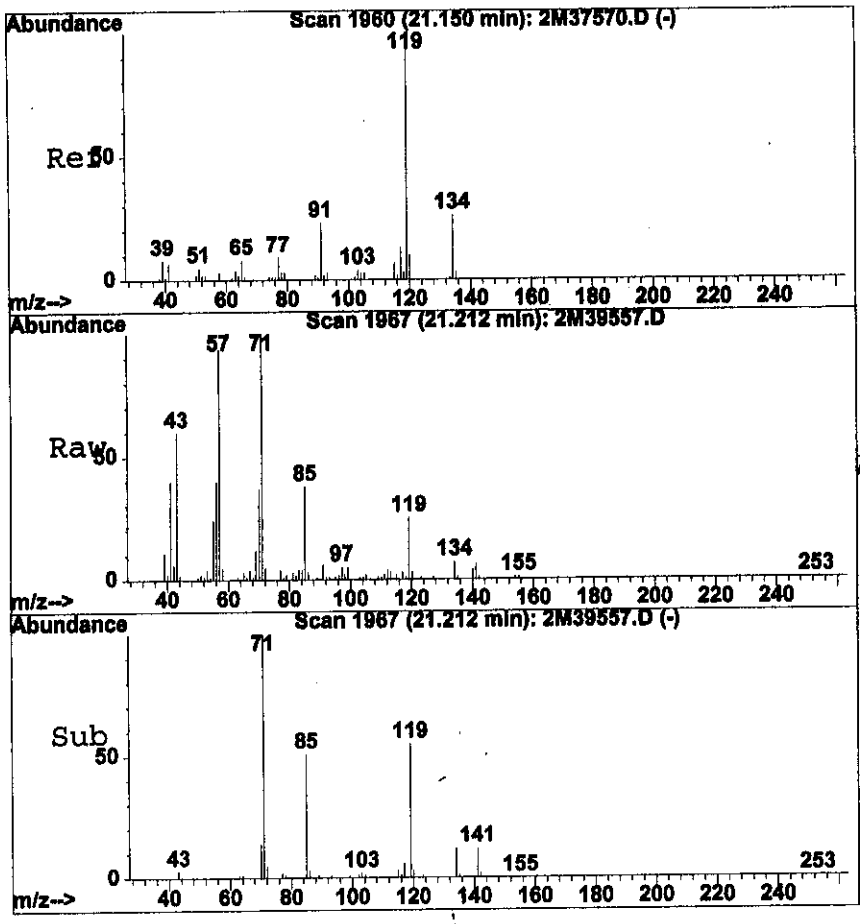


#77
sec-Butylbenzene
Concen: 3.20 UG/L
RT: 20.98 min Scan# 1943
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:105 Resp: 203844

Ion	Ratio	Lower	Upper
105	100		
134	18.1	15.4	23.0

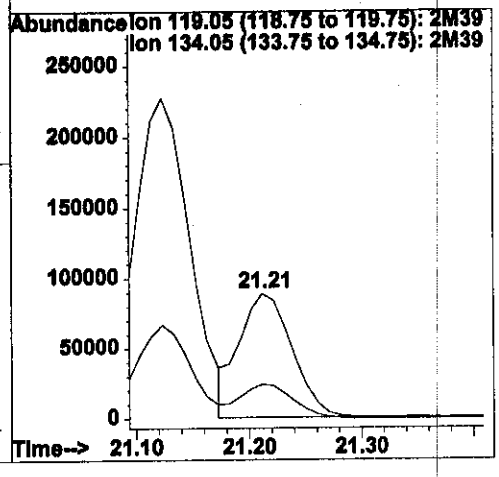


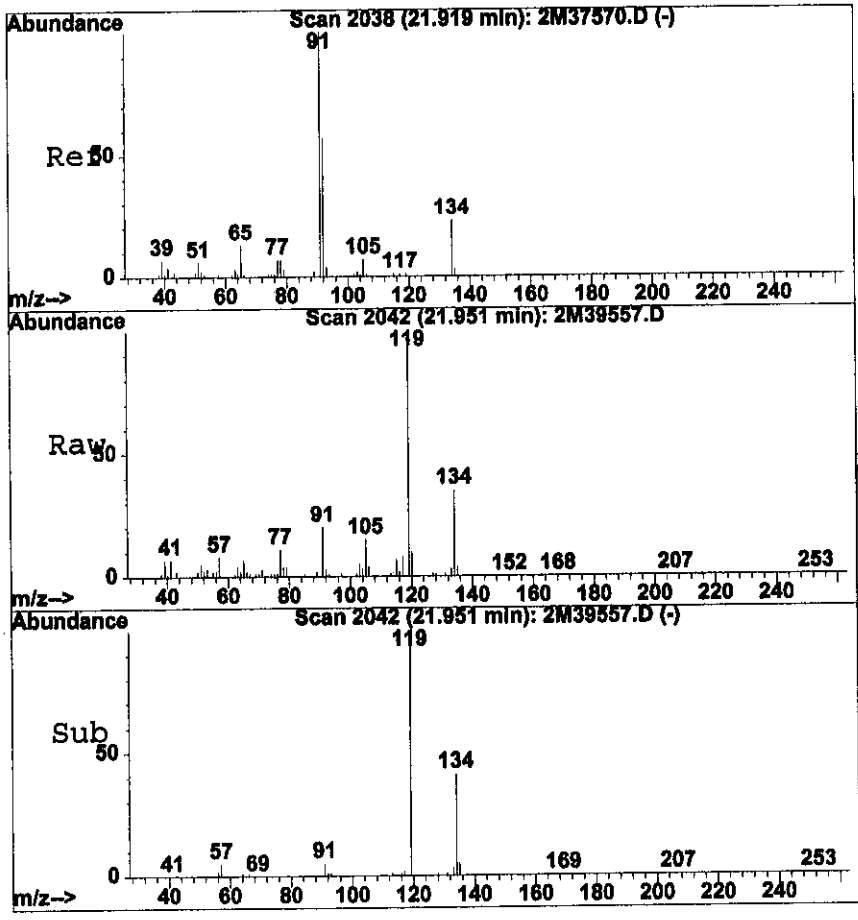


#78
p-Isopropyltoluene
Concen: 5.50 UG/L
RT: 21.21 min Scan# 1967
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:119 Resp: 288118

Ion	Ratio	Lower	Upper
119	100		
134	27.7	21.6	32.4

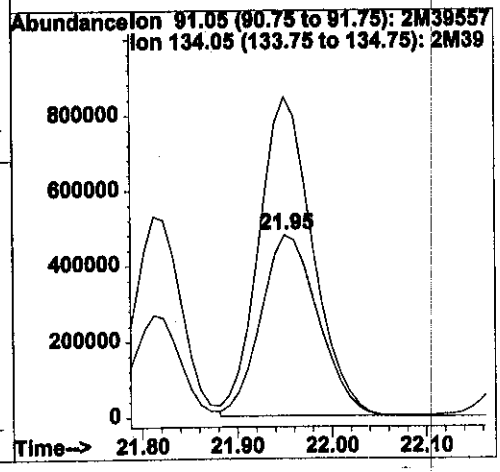


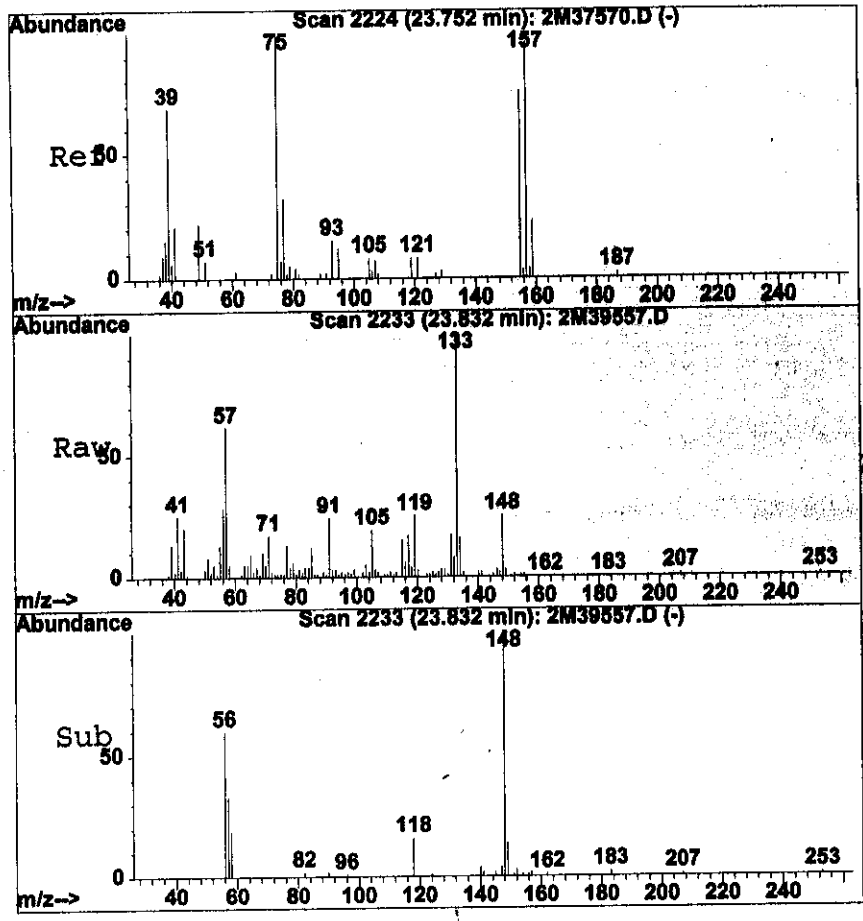


#81
n-Butylbenzene
Concen: 39.70 UG/L
RT: 21.95 min Scan# 2042
Delta R.T. -0.03 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion: 91 Resp: 2000595

Ion	Ratio	Lower	Upper
91	100		
134	167.0	19.0	28.6#

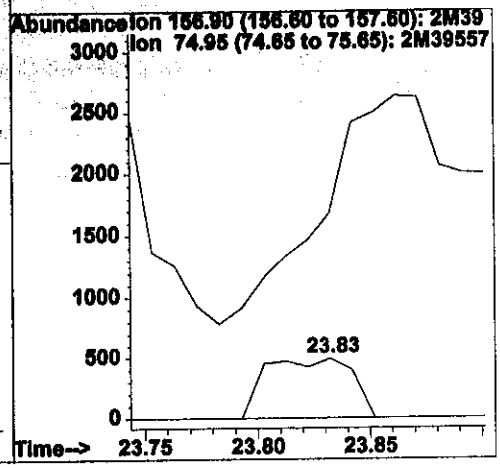


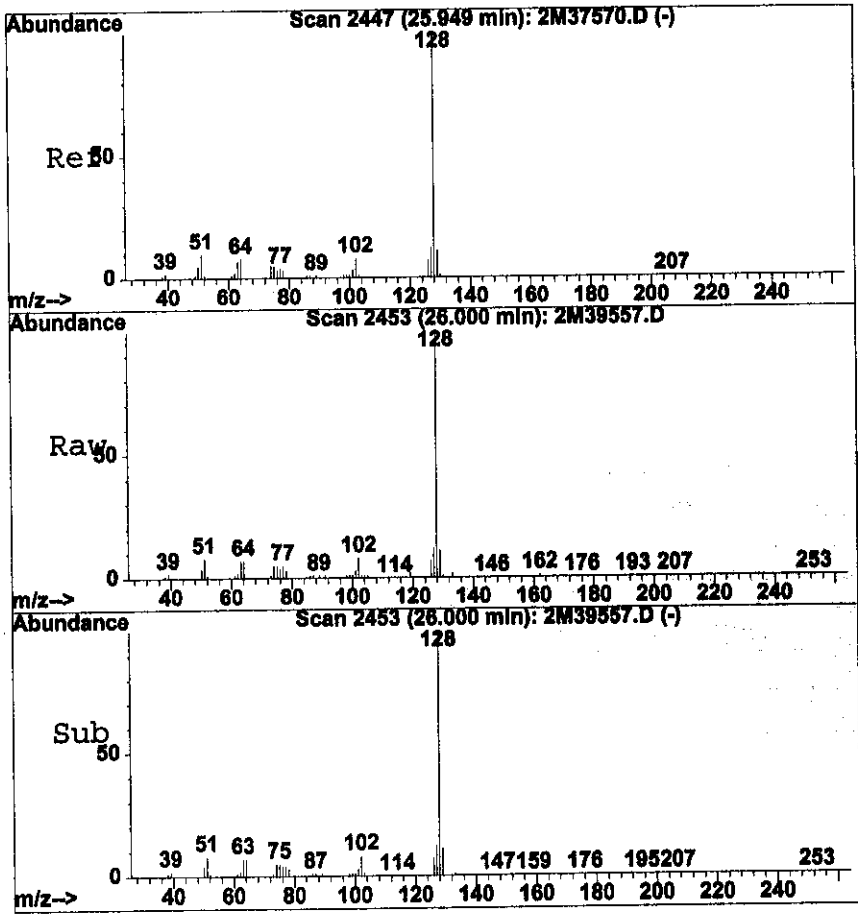


#83
1,2-Dibromo-3-Chloropropane
Concen: 0.73 UG/L
RT: 23.83 min Scan# 2233
Delta R.T. 0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:157 Resp: 1319

Ion	Ratio	Lower	Upper
157	100		
75	598.9	59.8	89.6#

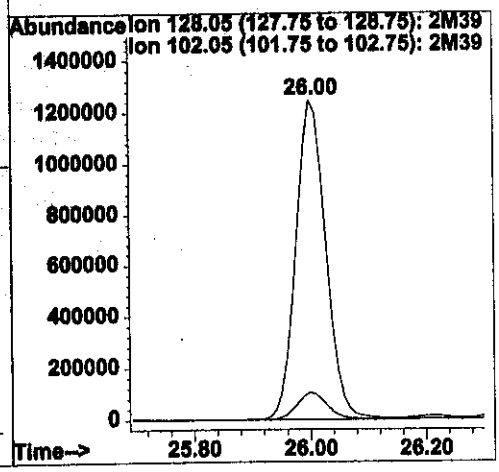


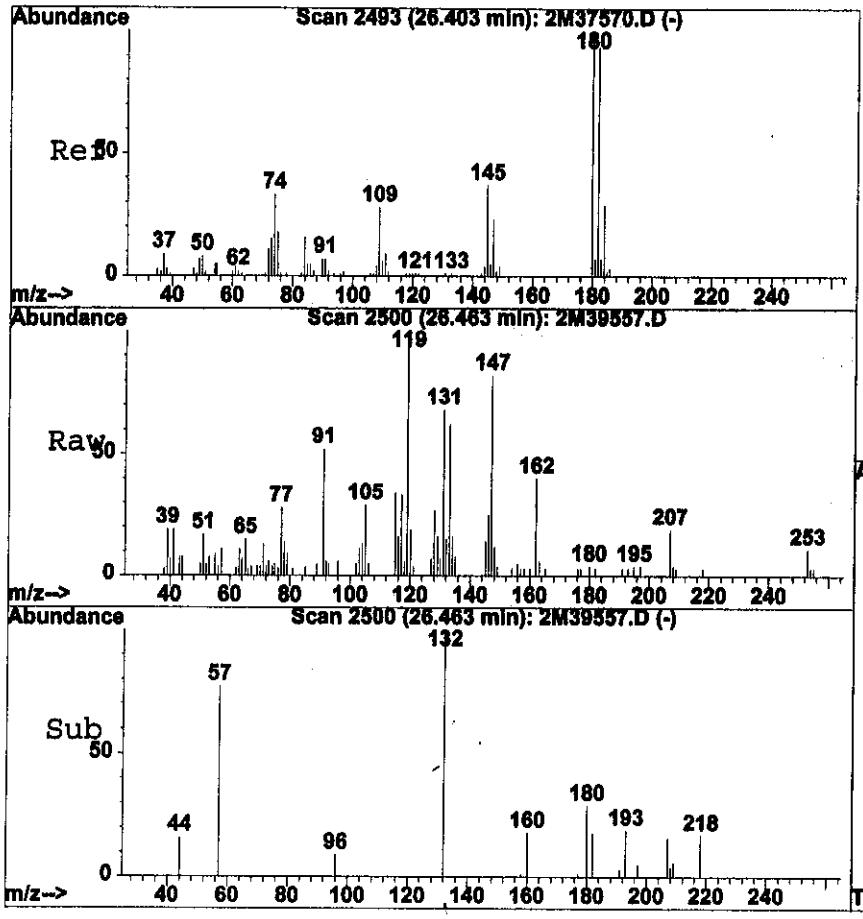


#86
Naphthalene
Concen: 220.23 UG/L
RT: 26.00 min Scan# 2453
Delta R.T. -0.01 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

Tgt Ion:128 Resp: 4479110

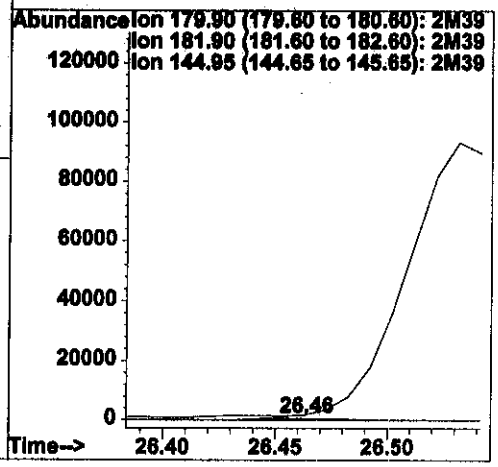
Ion	Ratio	Lower	Upper
128	100		
102	8.3	7.0	10.6





#87
1,2,3-Trichlorobenzene
Concen: 0.13 UG/L
RT: 26.46 min Scan# 2500
Delta R.T. 0.00 min
Lab File: 2M39557.D
Acq: 19 Oct 2000 12:45

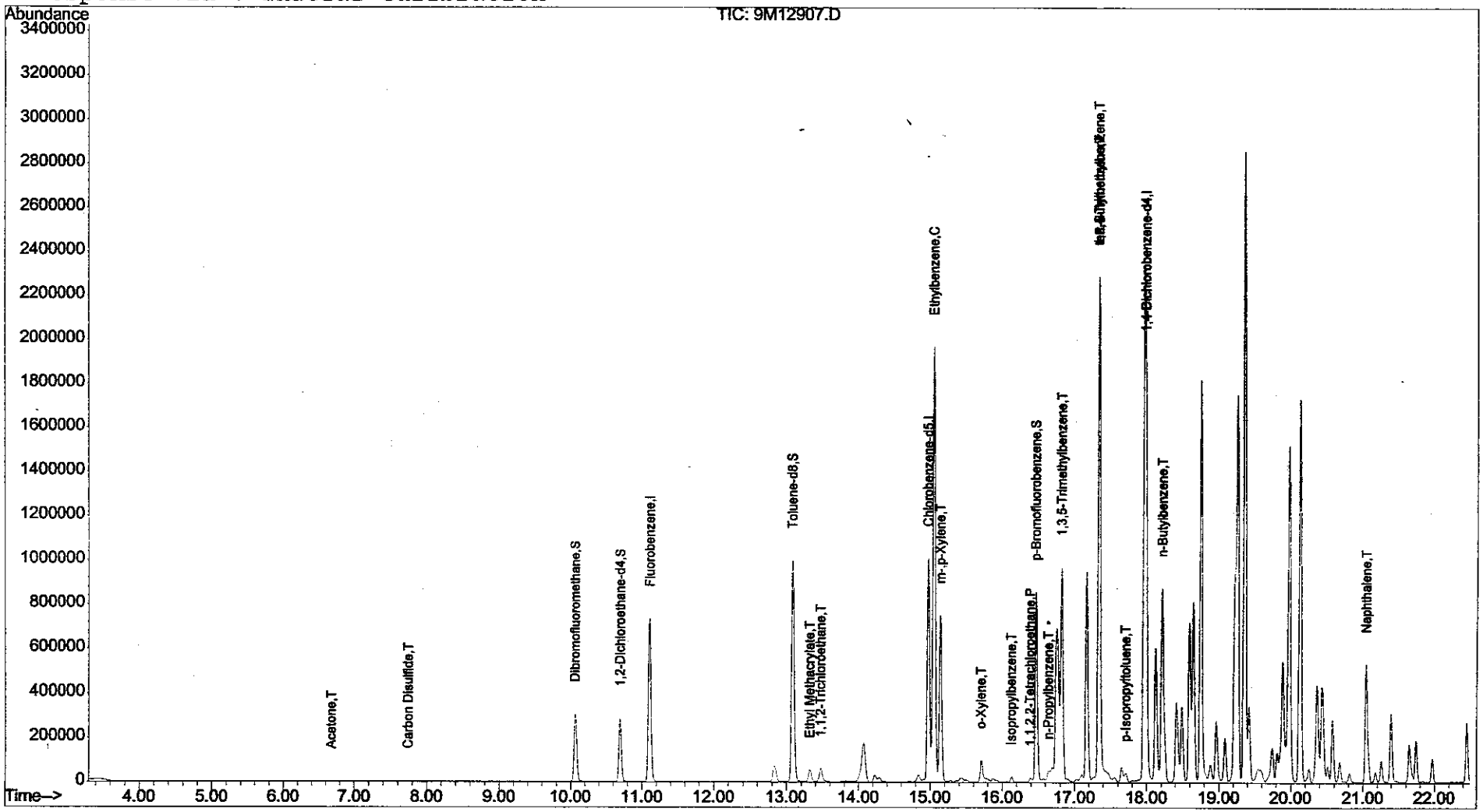
Tgt Ion:180	Resp:	1185	
Ion	Ratio	Lower	Upper
180	100		
182	0.0	75.5	113.3#
145	0.0	20.4	30.6#



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12907.D Vial: 7
Acq On : 17 Oct 2000 12:10 Operator: RSS
Sample : L0010212-04 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 12:33 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



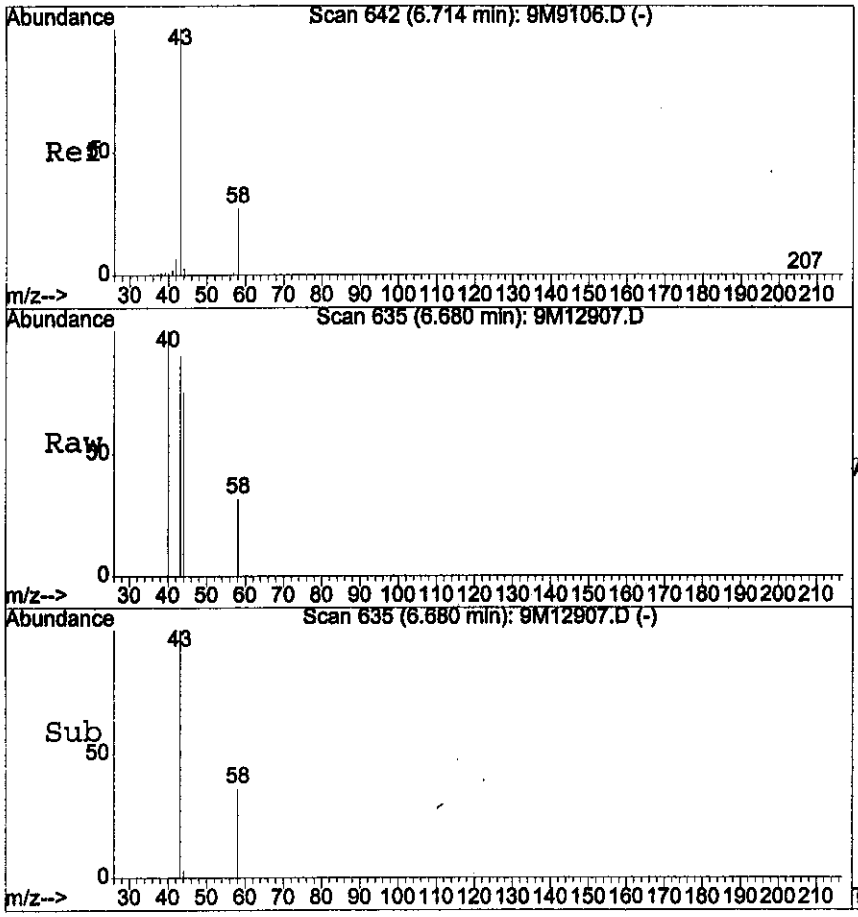
Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12907.D Vial: 7
Acq On : 17 Oct 2000 12:10 Operator: RSS
Sample : L0010212-04 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 12:33 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	947812	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.98	117	747935	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	428116	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.06	111	269201	24.89	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.56%				
33) 1,2-Dichloroethane-d4	10.70	65	266872	25.13	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.52%				
45) Toluene-d8	13.09	98	949508	25.67	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 102.68%				
66) p-Bromofluorobenzene	16.47	95	392275	27.09	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.36%				
Target Compounds							Qvalue
11) Acetone	6.68	43	4434	~~25.19 ug/L~~		#	61
16) Carbon Disulfide	7.74	76	7188	~~2.34 ug/L~~		#	75
23) 2-Butanone	9.30	43	1186	~~5.35 ug/L~~		#	53
34) 1,2-Dichloroethane	10.81	62	1271	~~0.97 ug/L~~		#	47
43) Dimethyl Disulfide	13.08	79	249	~~0.28 ug/L~~		#	1
46) Toluene	13.20	91	3134	~~0.75 ug/L~~			94
47) Ethyl Methacrylate	13.32	69	8873	~~9.88 ug/L~~		#	1
49) 1,1,2-Trichloroethane	13.47	97	32241	~~40.63 ug/L~~		#	16
50) 2-Hexanone	13.47	43	3403	~~9.73 ug/L~~		#	30
58) Ethylbenzene	15.05	106	646518	401.64	ug/L		99
59) m-,p-Xylene	15.14	106	311138	140.75	ug/L		99
60) o-Xylene	15.71	106	32722	14.46	ug/L		98
61) Styrene	15.71	104	2054	~~0.53 ug/L~~		#	1
63) Isopropylbenzene	16.13	105	23192	~~3.87 ug/L~~			98
65) 1,1,2,2-Tetrachloroethane	16.40	83	2170	~~2.80 ug/L~~		#	73
68) trans-1,4-Dichloro-2-Buten	16.58	53	106	~~0.51 ug/L~~		#	1
69) n-Propylbenzene	16.64	91	35961	~~5.32 ug/L~~			98
71) 1,3,5-Trimethylbenzene	16.83	105	761126	~~162.36 ug/L~~			97
74) a-Methylstyrene	17.18	118	5837	~~2.64 ug/L~~		#	1
75) tert-Butylbenzene	17.34	119	211449	~~58.73 ug/L~~		#	55
76) 1,2,4-Trimethylbenzene	17.34	105	1867430	~~444.55 ug/L~~			100
77) sec-Butylbenzene	17.56	105	13775	~~2.72 ug/L~~			95
78) p-Isopropyltoluene	17.72	119	18215	~~3.45 ug/L~~			97
81) n-Butylbenzene	18.22	91	164170	~~42.09 ug/L~~		#	1
86) Naphthalene	21.05	128	550644	~~231.82 ug/L~~			100

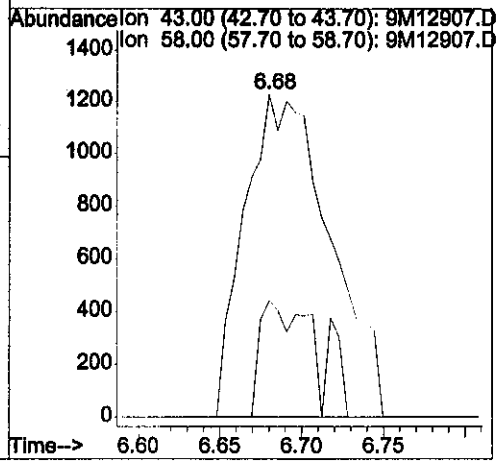
(#) = qualifier out of range (m) = manual integration

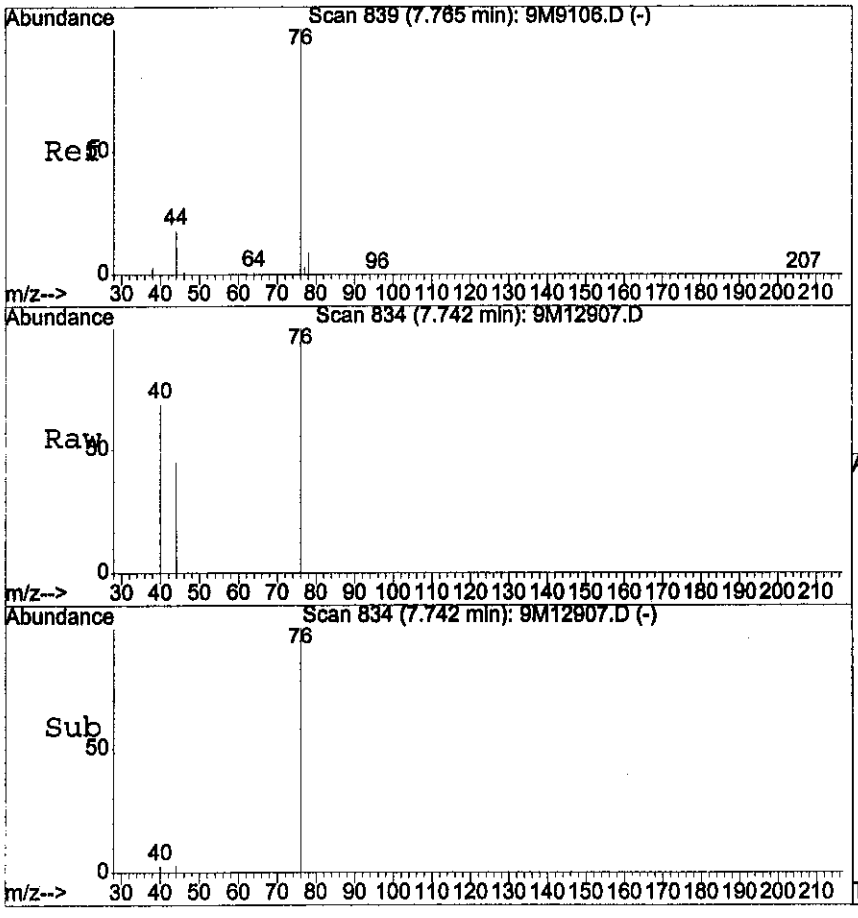


#11
Acetone
Concen: 25.19 ug/L
RT: 6.68 min Scan# 635
Delta R.T. -0.02 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 43 Resp: 4434

Ion	Ratio	Lower	Upper
43	100		
58	11.1	26.6	39.8#

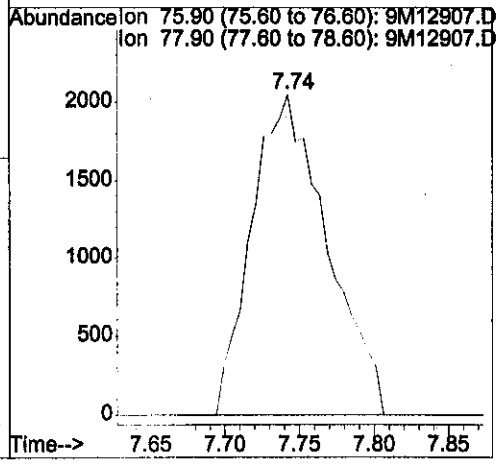


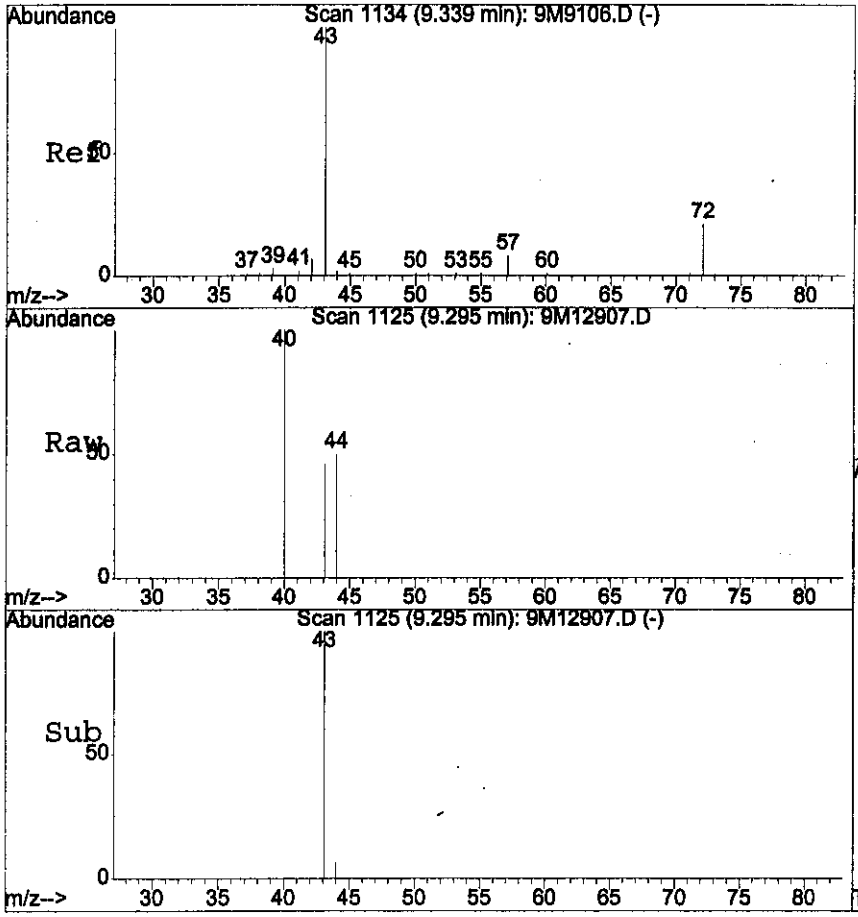


#16
Carbon Disulfide
Concen: 2.34 ug/L
RT: 7.74 min Scan# 834
Delta R.T. 0.03 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 76 Resp: 7188

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

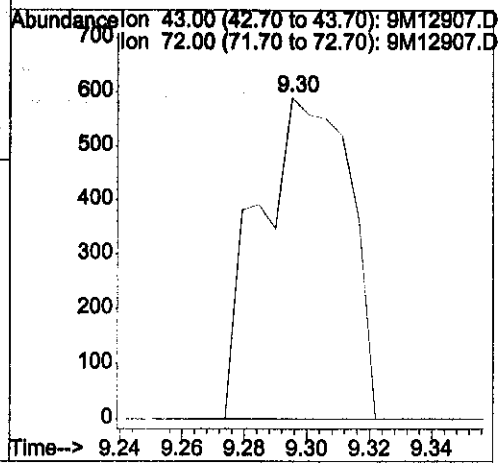


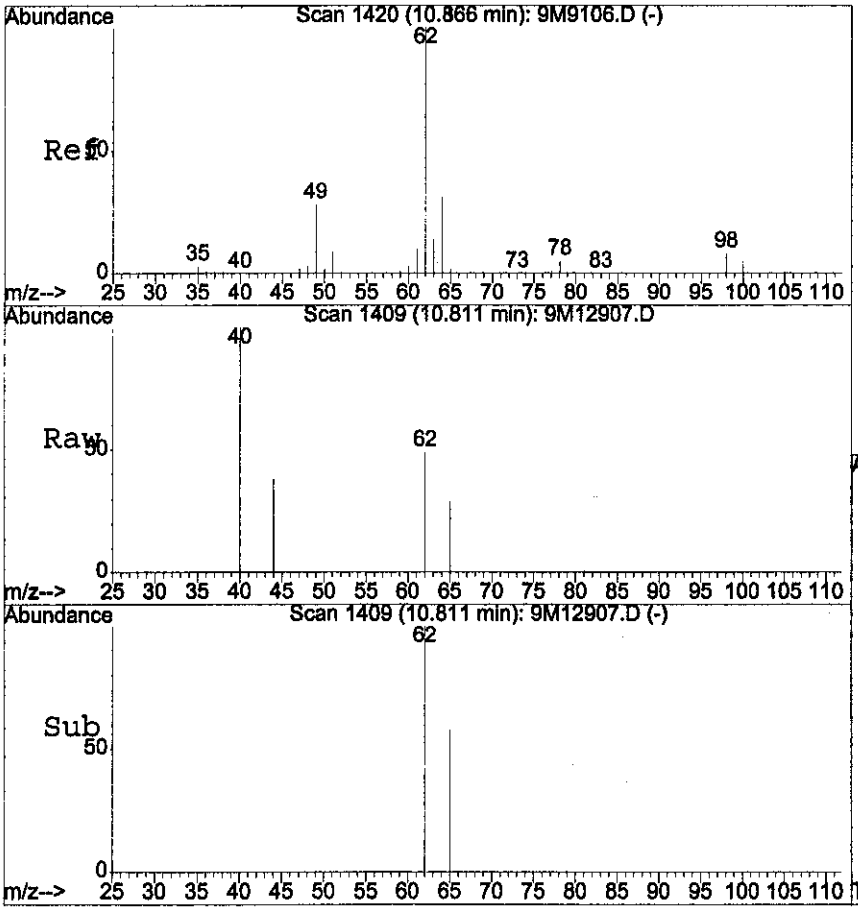


#23
2-Butanone
Concen: 5.35 ug/L
RT: 9.30 min Scan# 1125
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 43 Resp: 1186

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#

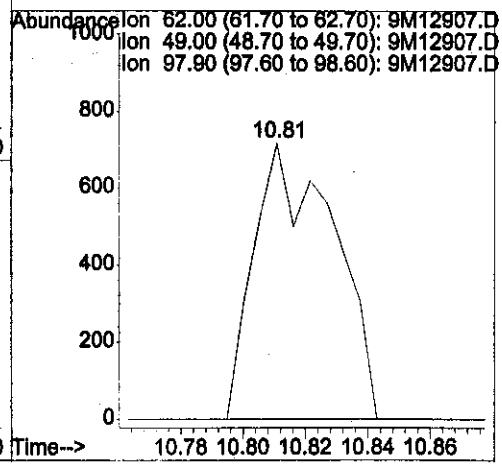


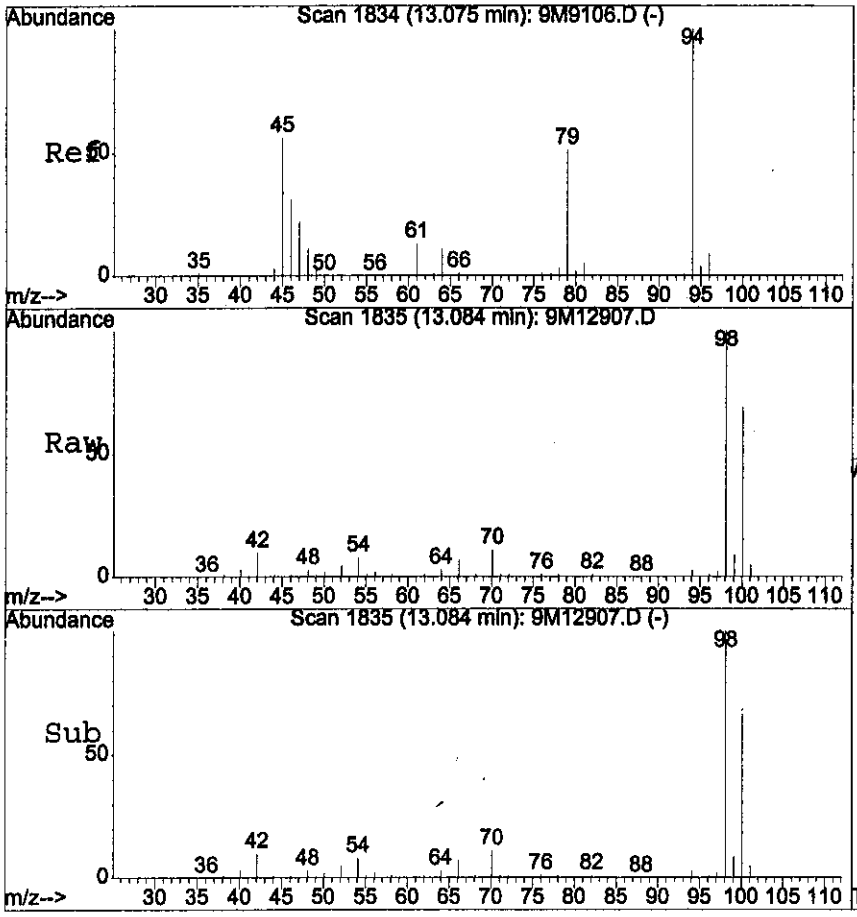


#34
1,2-Dichloroethane
Concen: 0.97 ug/L
RT: 10.81 min Scan# 1409
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 62 Resp: 1271

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#

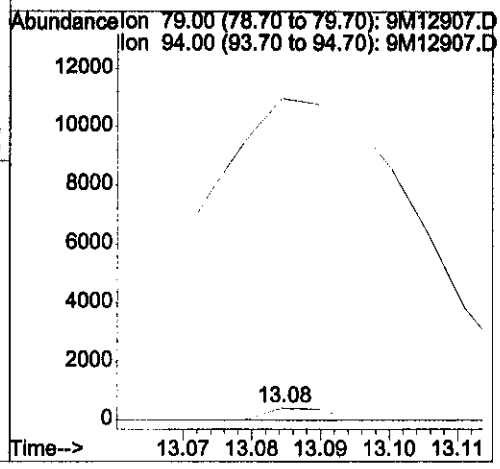


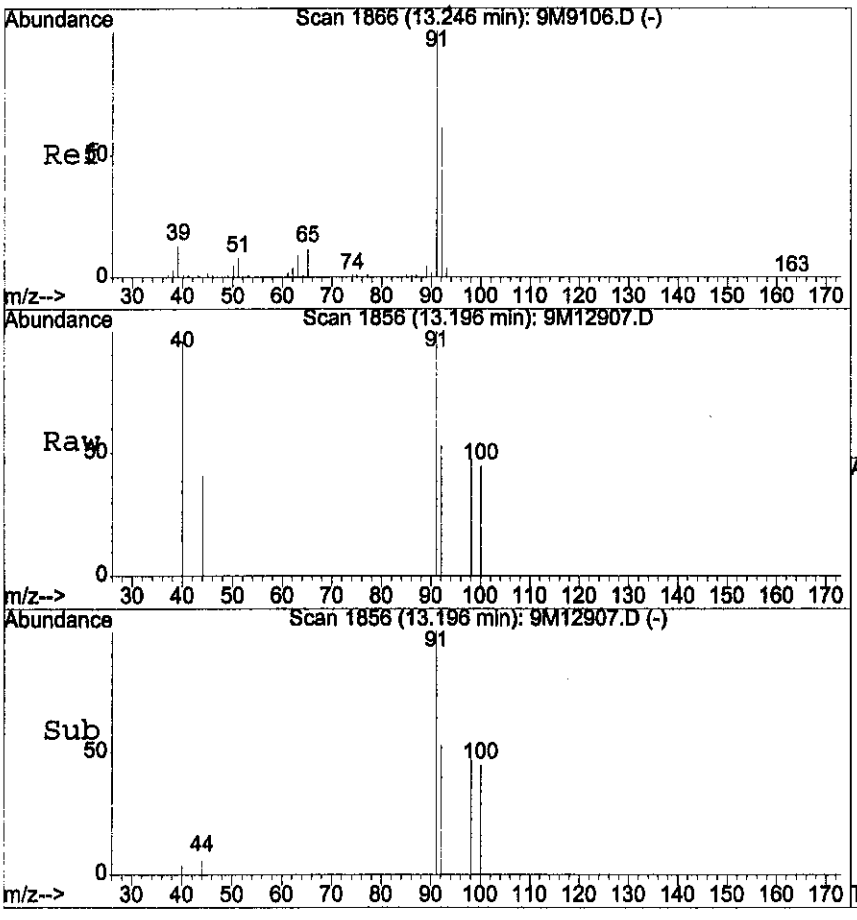


#43
Dimethyl Disulfide
Concen: 0.28 ug/L
RT: 13.08 min Scan# 1835
Delta R.T. 0.06 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 79 Resp: 249

Ion	Ratio	Lower	Upper
79	100		
94	10996.4	153.8	230.8#

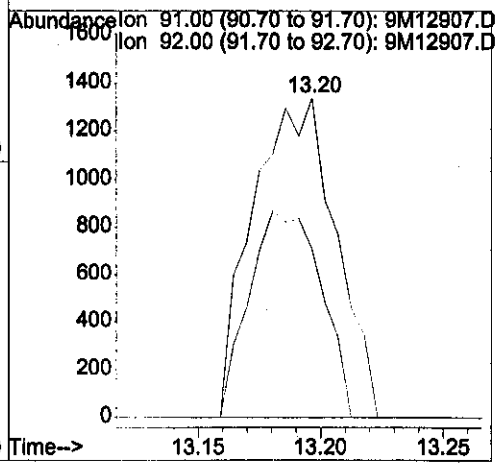


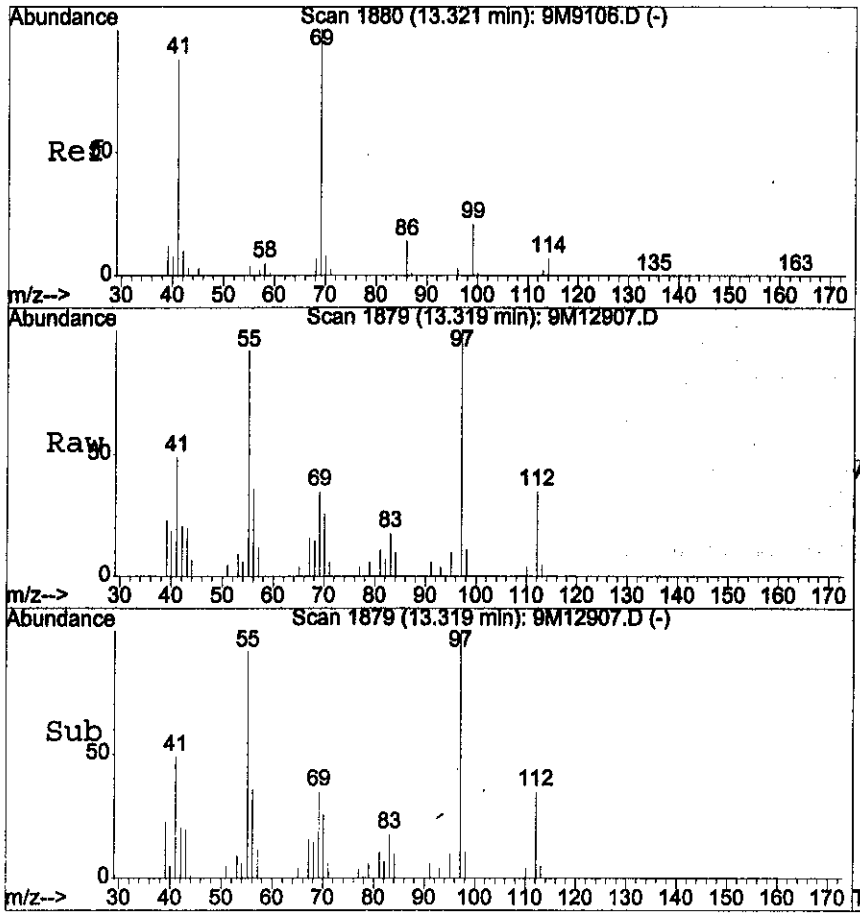


#46
Toluene
Concen: 0.75 ug/L
RT: 13.20 min Scan# 1856
Delta R.T. 0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 91 Resp: 3134

Ion	Ratio	Lower	Upper
91	100		
92	56.5	48.7	73.1

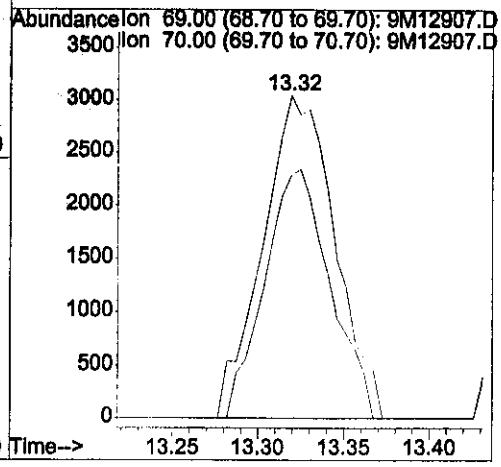


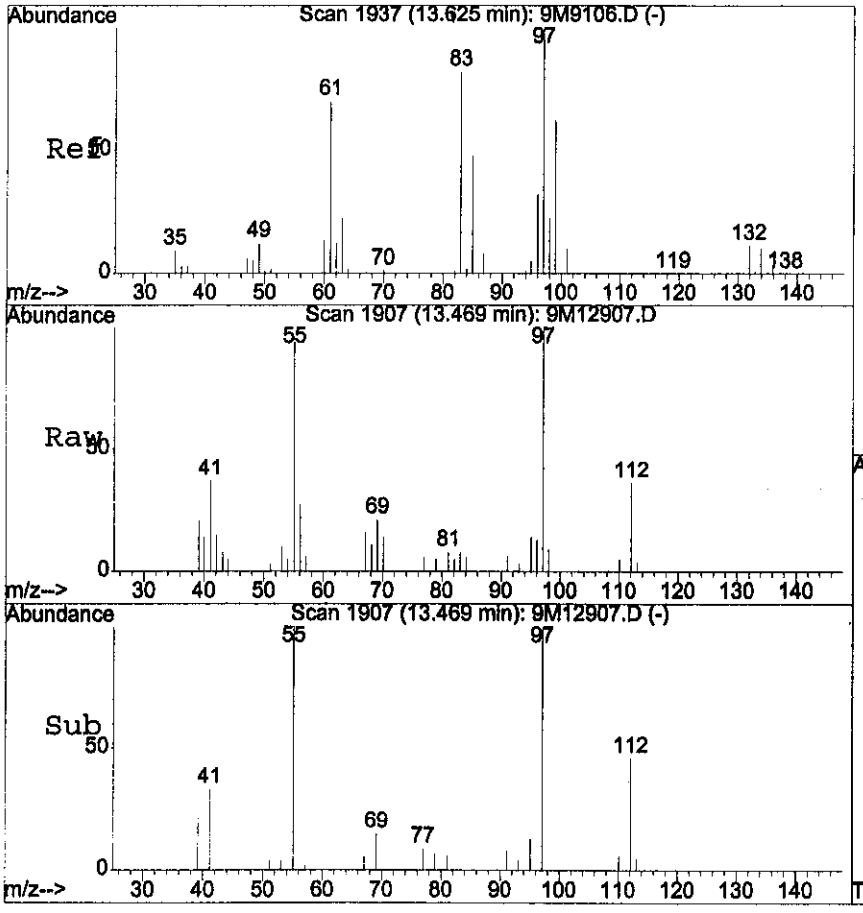


#47
Ethyl Methacrylate
Concen: 9.88 ug/L
RT: 13.32 min Scan# 1879
Delta R.T. 0.05 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 69 Resp: 8873

Ion	Ratio	Lower	Upper
69	100		
70	70.1	6.4	9.6#

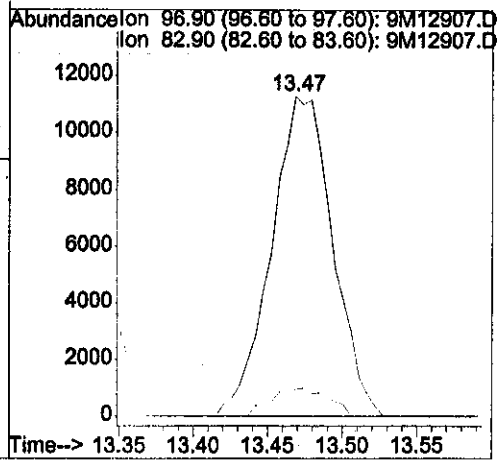


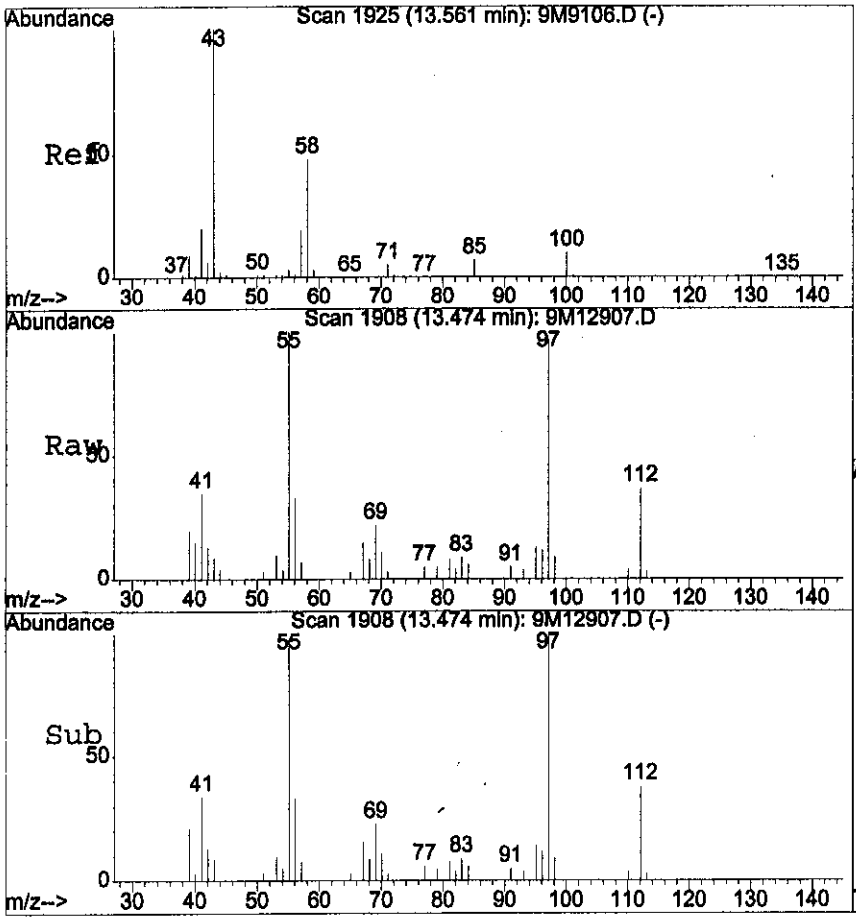


#49
1,1,2-Trichloroethane
Concen: 40.63 ug/L
RT: 13.47 min Scan# 1907
Delta R.T. -0.10 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 97 Resp: 32241

Ion	Ratio	Lower	Upper
97	100		
83	8.0	67.3	100.9#

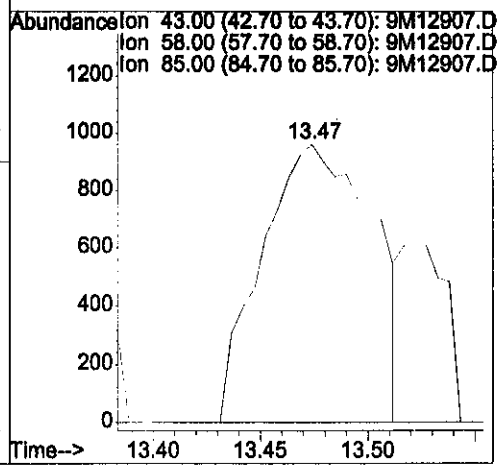


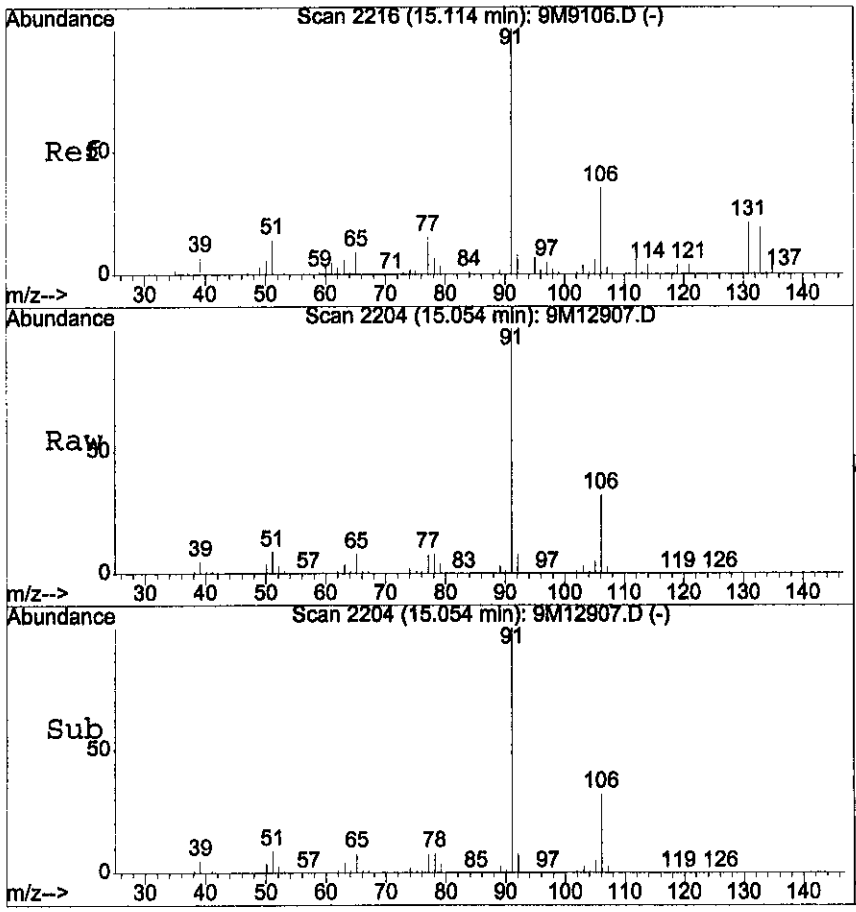


#50
2-Hexanone
Concen: 9.73 ug/L
RT: 13.47 min Scan# 1908
Delta R.T. -0.03 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 43 Resp: 3403

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#

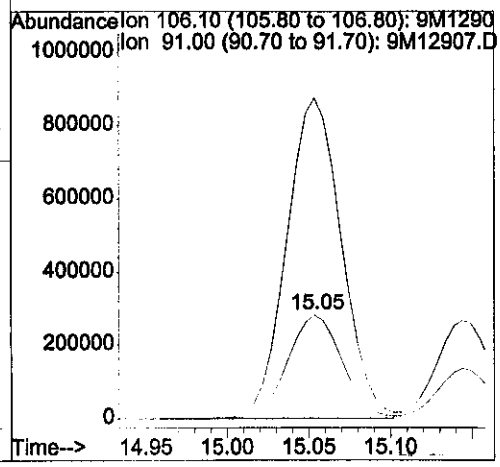


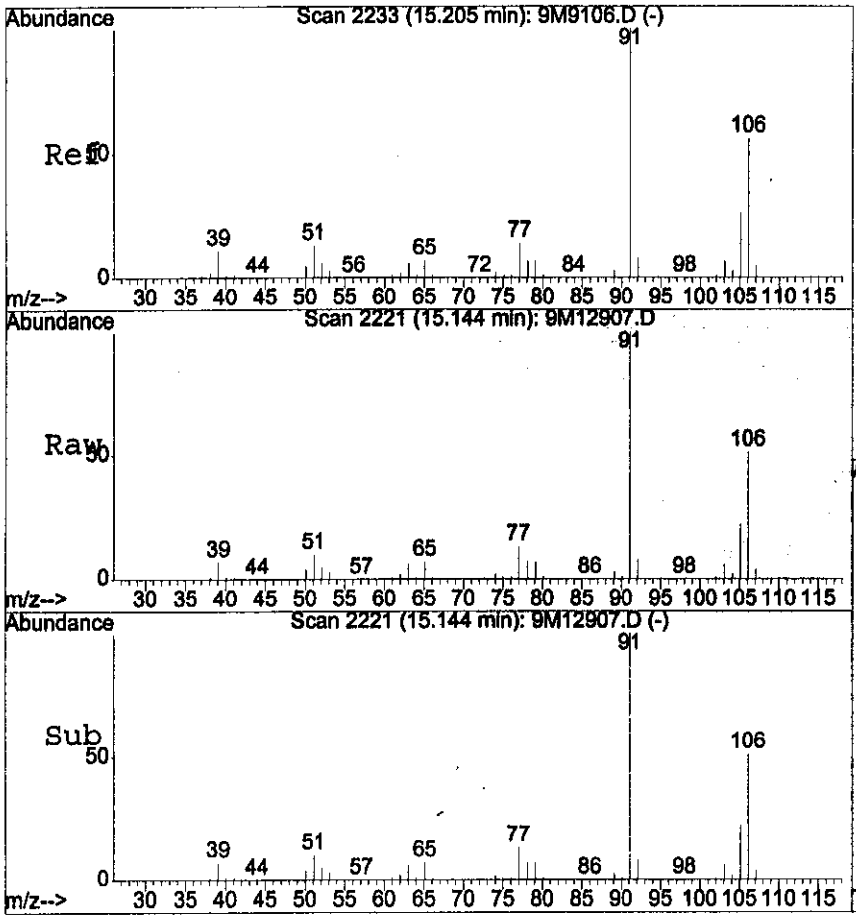


#58
Ethylbenzene
Concen: 401.64 ug/L
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:106 Resp: 646518

Ion	Ratio	Lower	Upper
106	100		
91	314.6	252.8	379.2

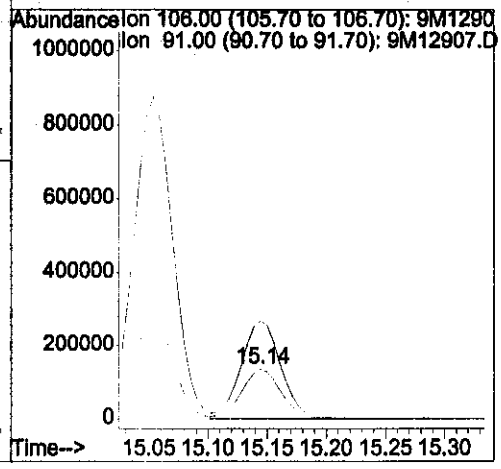


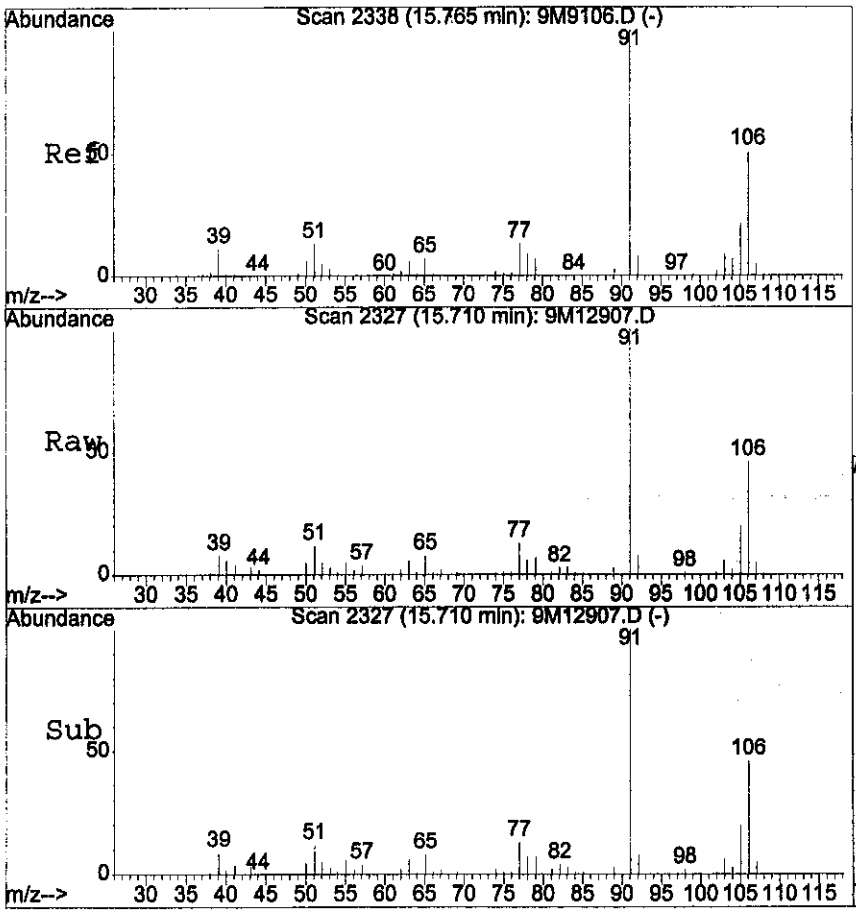


#59
m-,p-Xylene
Concen: 140.75 ug/L
RT: 15.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:106 Resp: 311138

Ion	Ratio	Lower	Upper
106	100		
91	200.5	158.8	238.2

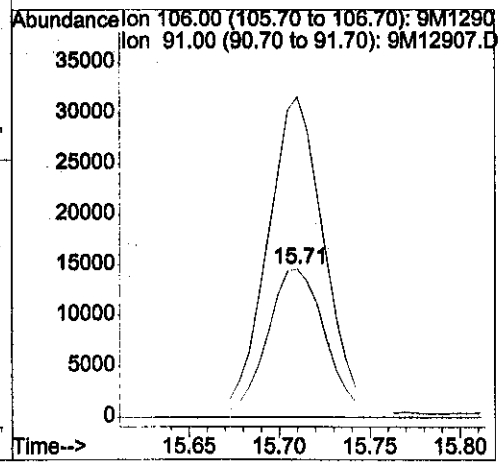


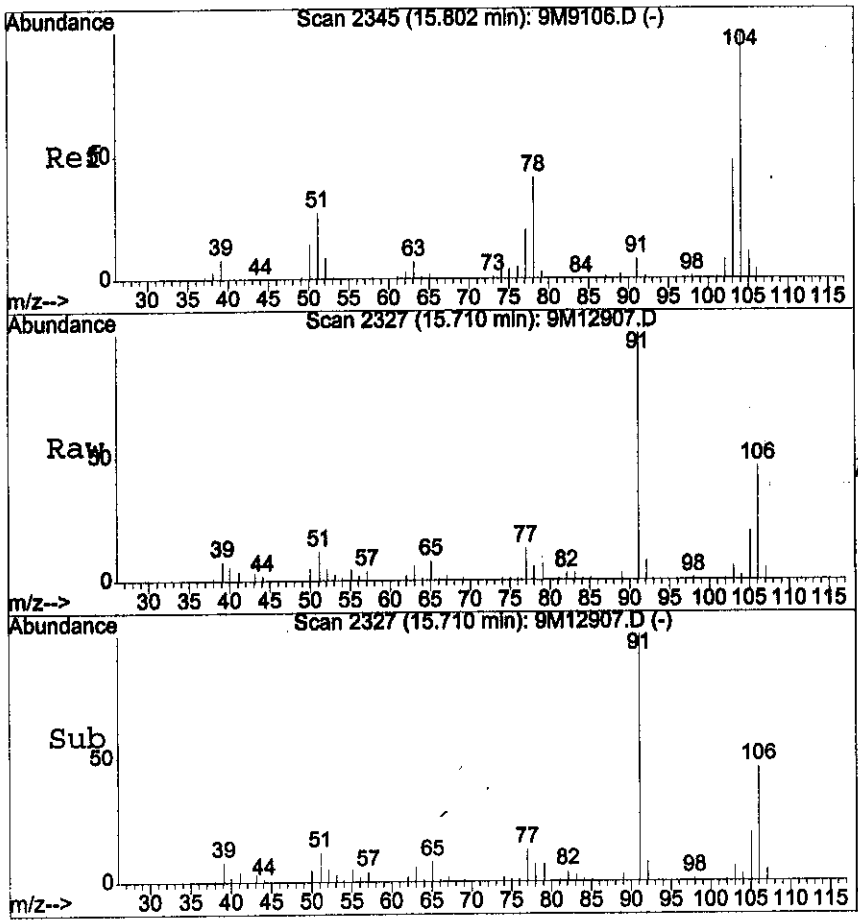


#60
o-Xylene
Concen: 14.46 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. 0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:106 Resp: 32722

Ion	Ratio	Lower	Upper
106	100		
91	215.2	169.6	254.4

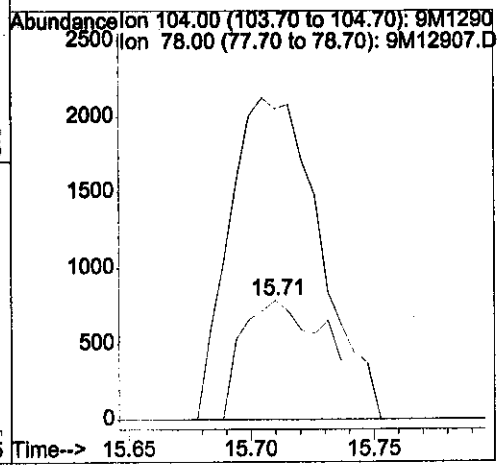


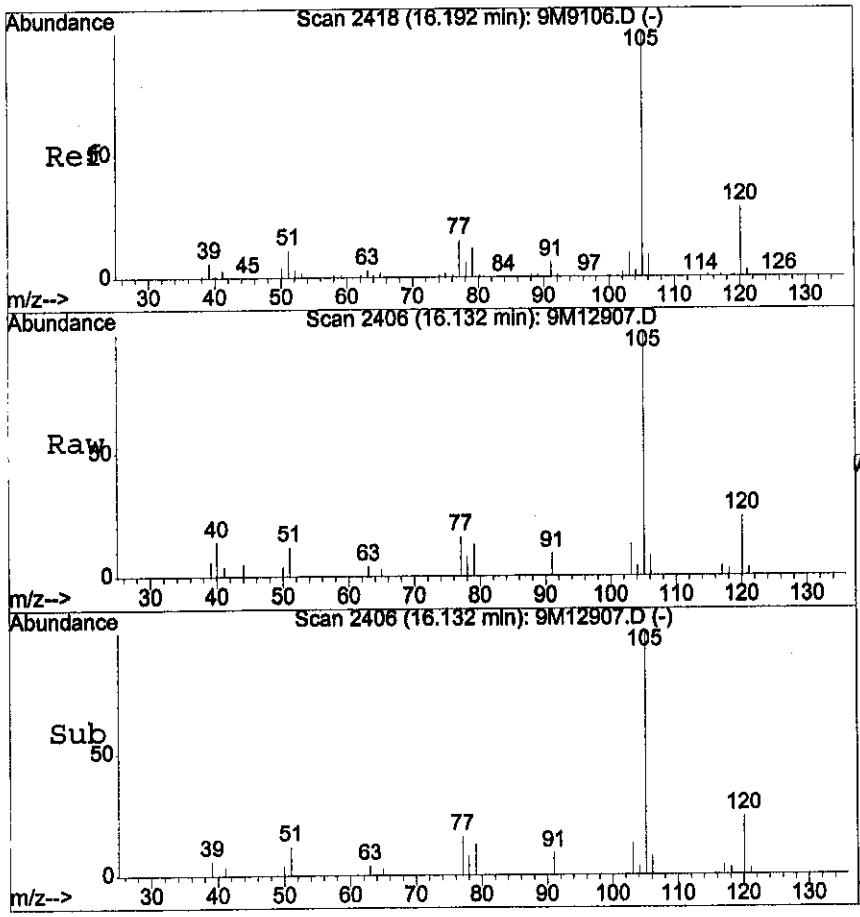


#61
Styrene
Concen: 0.53 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. -0.03 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:104 Resp: 2054

Ion	Ratio	Lower	Upper
104	100		
78	263.3	40.2	60.4#

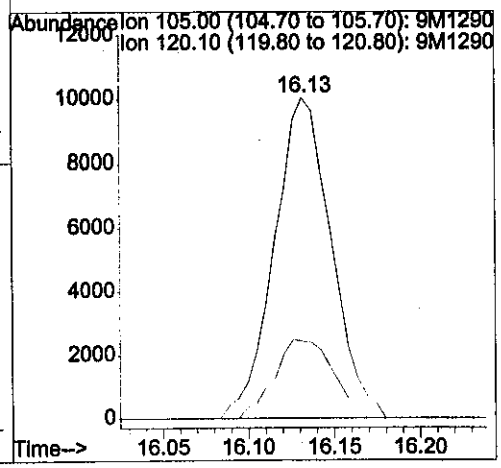


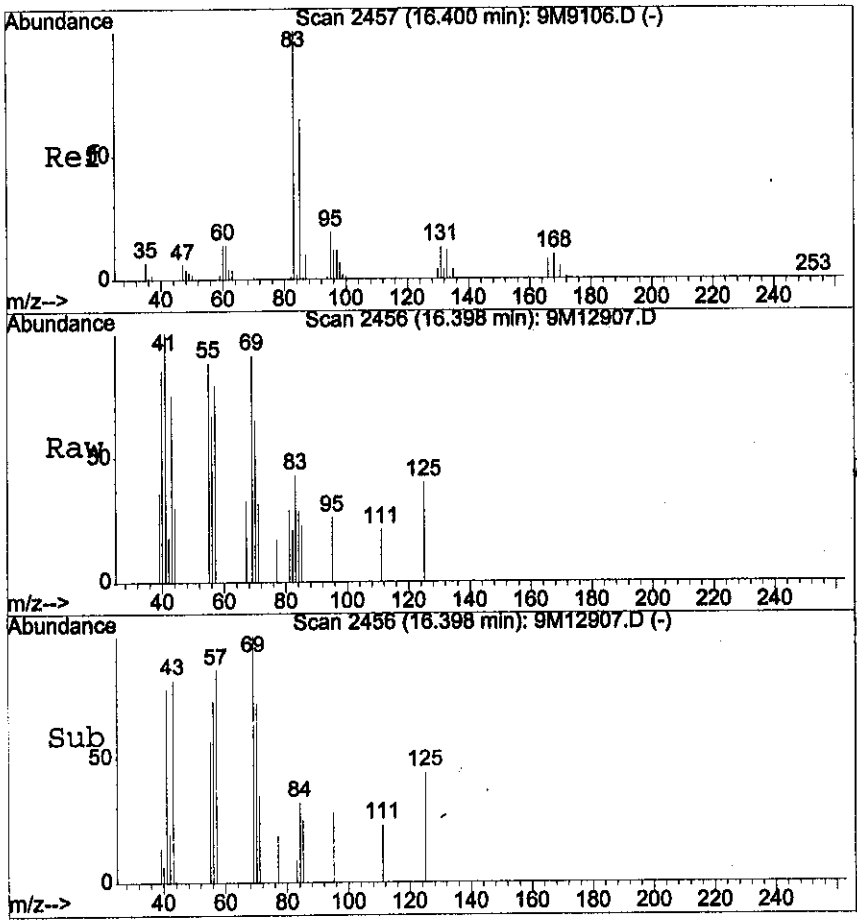


#63
Isopropylbenzene
Concen: 3.87 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:105 Resp: 23192

Ion	Ratio	Lower	Upper
105	100		
120	25.3	21.0	31.4

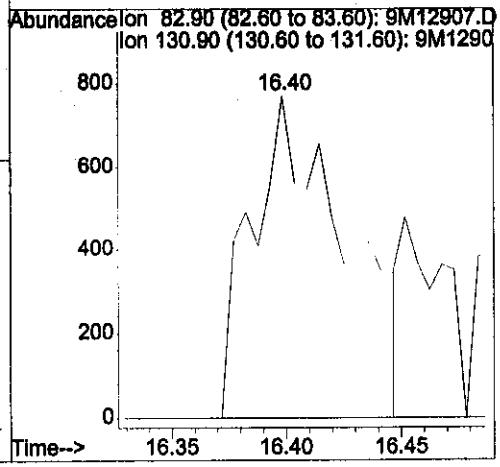


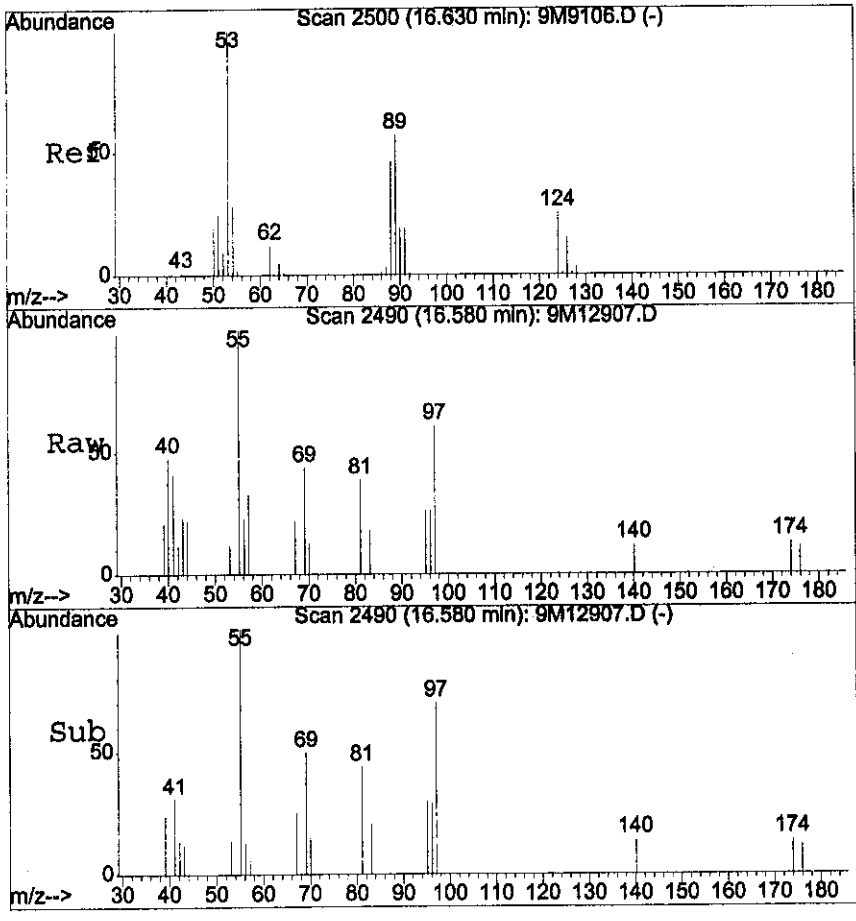


#65
1,1,2,2-Tetrachloroethane
Concen: 2.80 ug/L
RT: 16.40 min Scan# 2456
Delta R.T. 0.06 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 83 Resp: 2170

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.1	12.1#

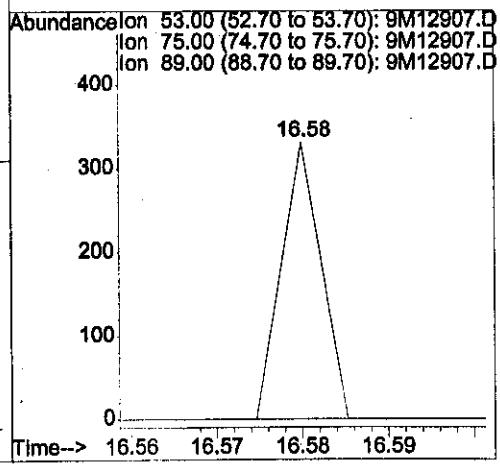


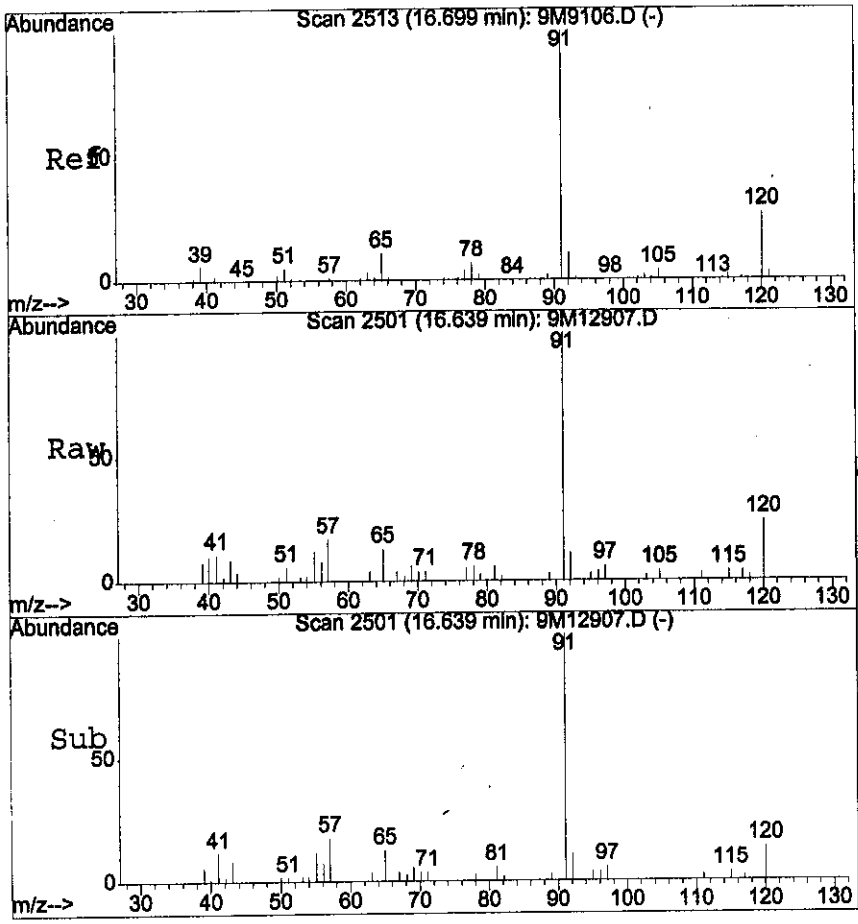


#68
trans-1,4-Dichloro-2-Butene
Concen: 0.51 ug/L
RT: 16.58 min Scan# 2490
Delta R.T. 0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 53 Resp: 106

Ion	Ratio	Lower	Upper
53	100		
75	0.0	111.8	167.8#
89	0.0	51.2	76.8#

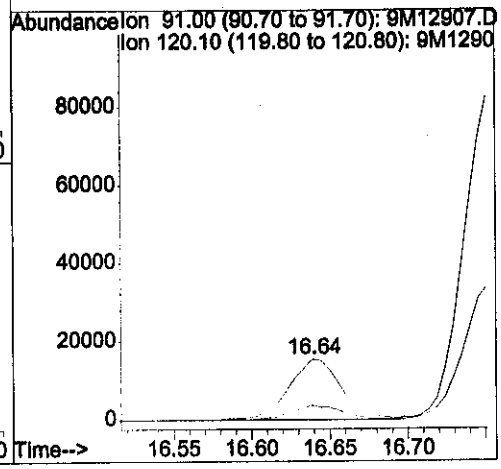


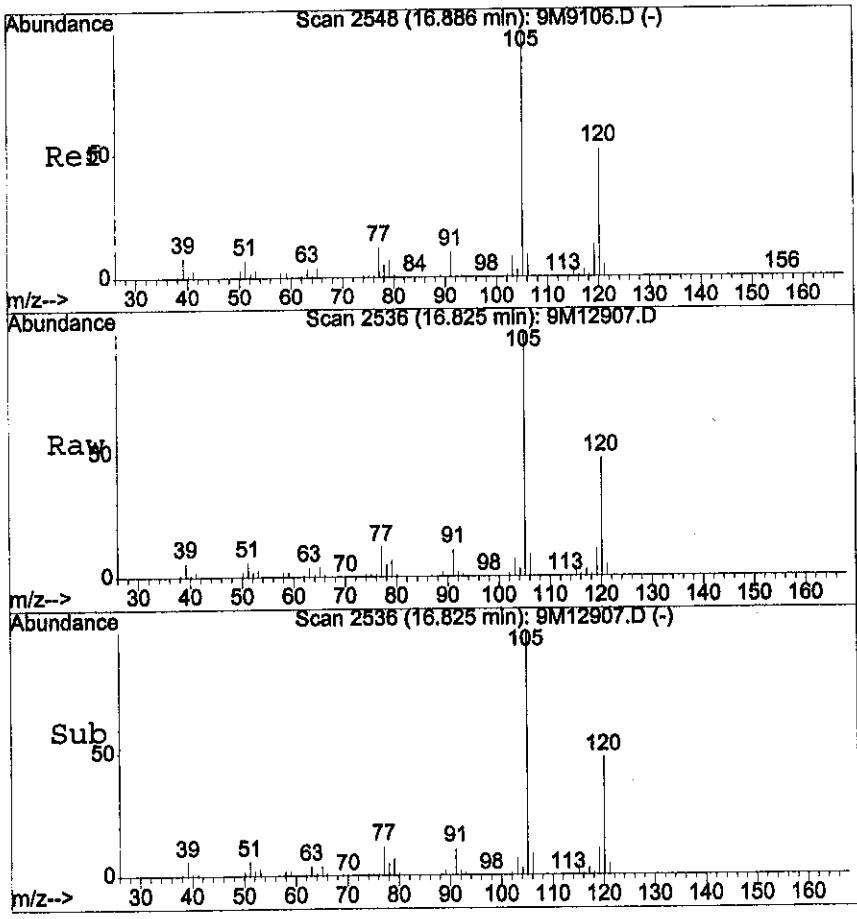


#69
n-Propylbenzene
Concen: 5.32 ug/L
RT: 16.64 min Scan# 2501
Delta R.T. -0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 91 Resp: 35961

Ion	Ratio	Lower	Upper
91	100		
120	22.2	18.3	27.5

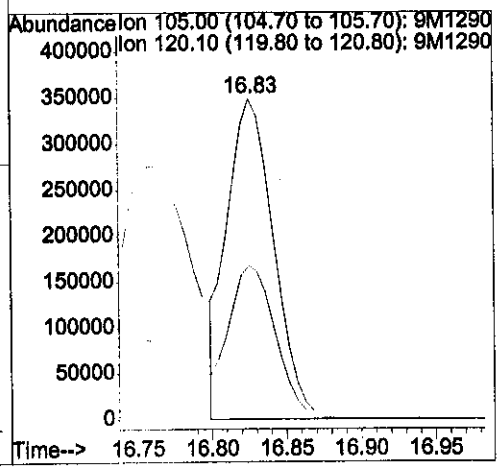


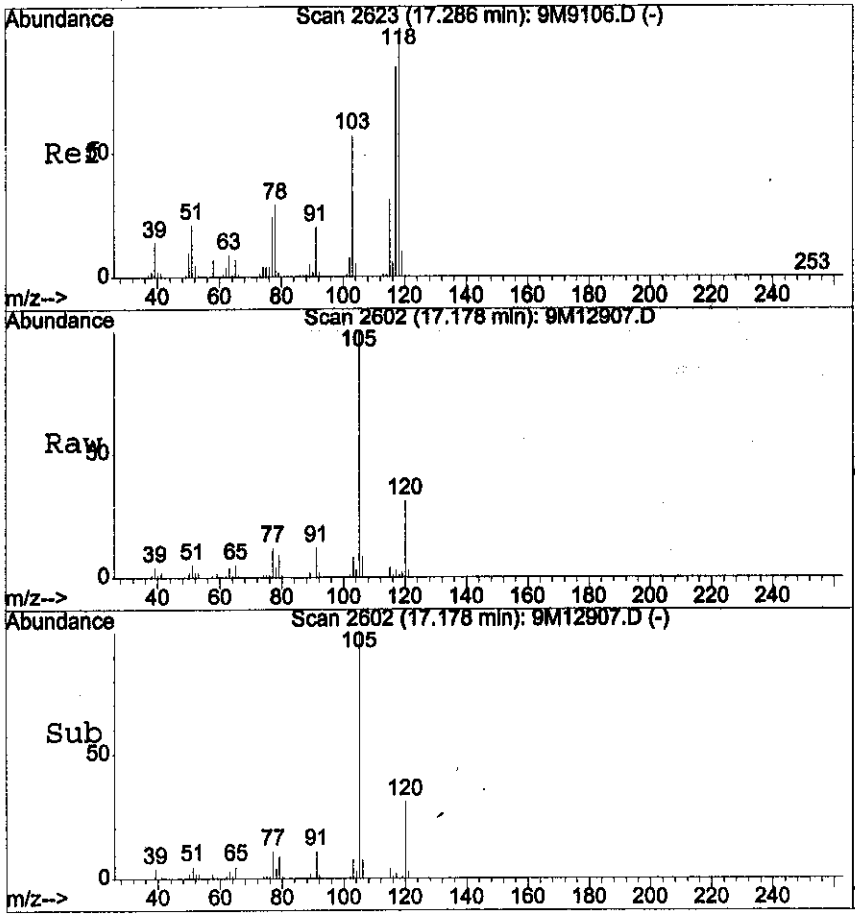


#71
1,3,5-Trimethylbenzene
Concen: 162.36 ug/L
RT: 16.83 min Scan# 2536
Delta R.T. -0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:105 Resp: 761126

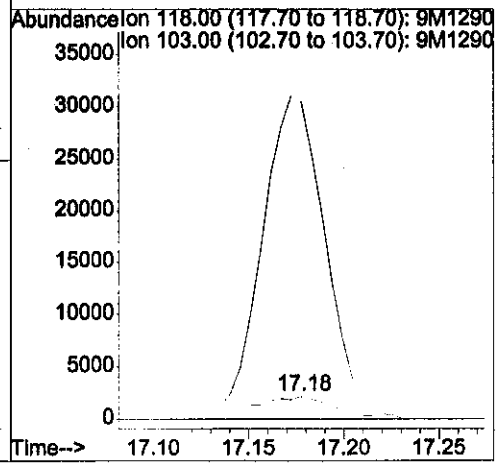
Ion	Ratio	Lower	Upper
105	100		
120	50.5	38.9	58.3

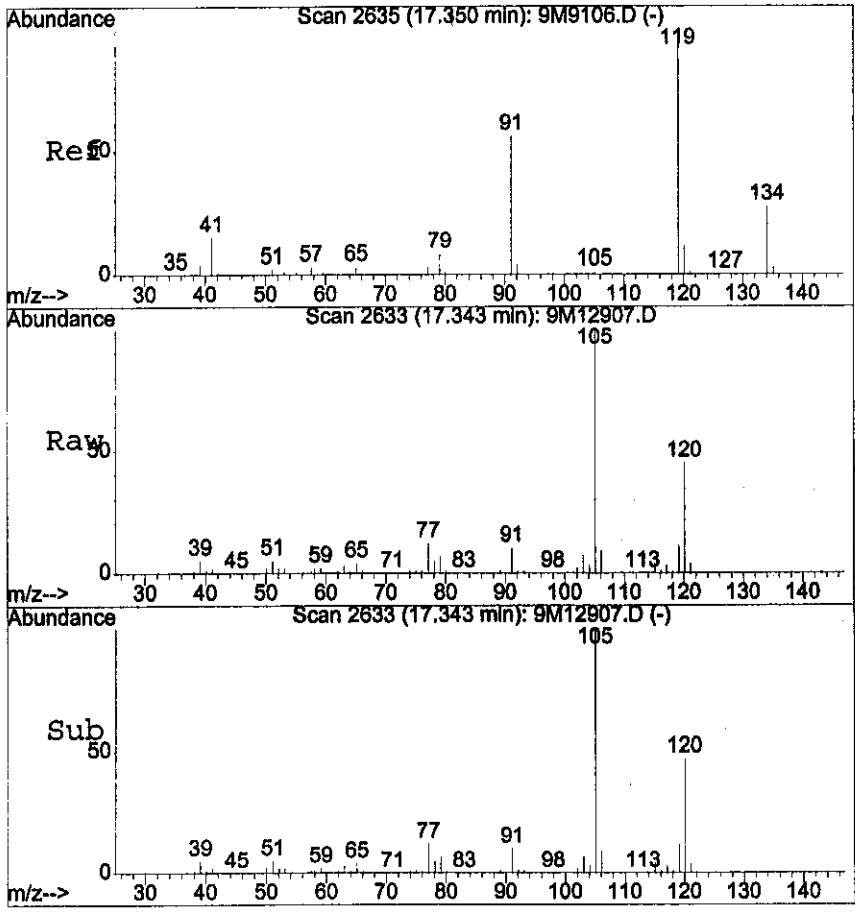




#74
a-Methylstyrene
Concen: 2.64 ug/L
RT: 17.18 min Scan# 2602
Delta R.T. -0.05 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

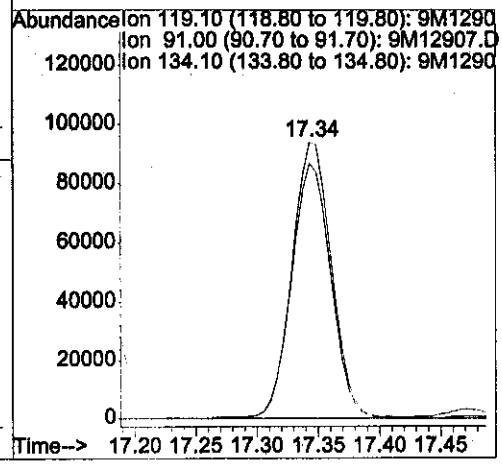
Tgt Ion:118	Resp:	5837	
Ion	Ratio	Lower	Upper
118	100		
103	1217.0	44.9	67.3#

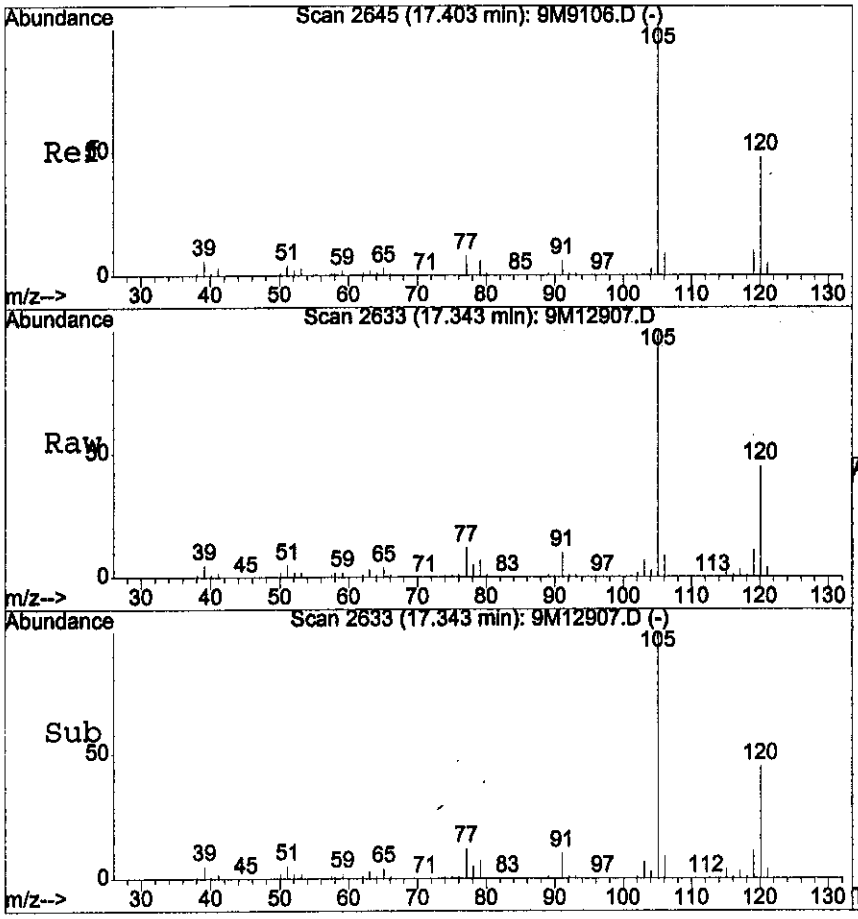




#75
tert-Butylbenzene
Concen: 58.73 ug/L
RT: 17.34 min Scan# 2633
Delta R.T. 0.05 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:119	Resp:	211449	
Ion	Ratio	Lower	Upper
119	100		
91	92.8	48.6	73.0#
134	0.0	21.0	31.4#

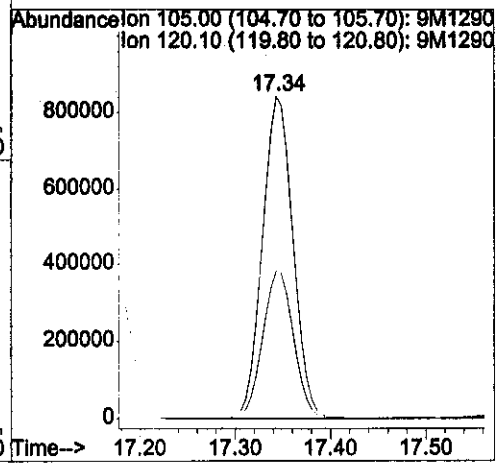


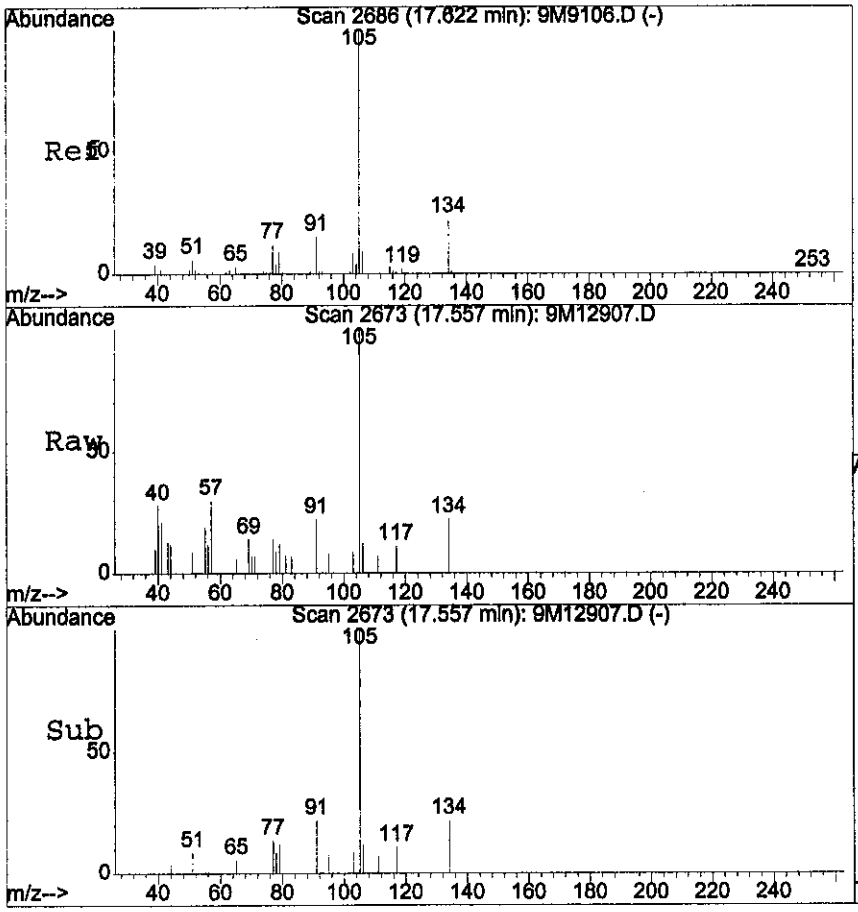


#76
1,2,4-Trimethylbenzene
Concen: 444.55 ug/L
RT: 17.34 min Scan# 2633
Delta R.T. -0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:105 Resp: 1867430

Ion	Ratio	Lower	Upper
105	100		
120	45.9	36.6	55.0

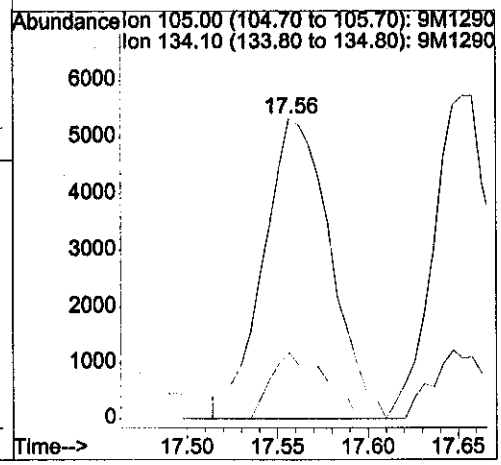


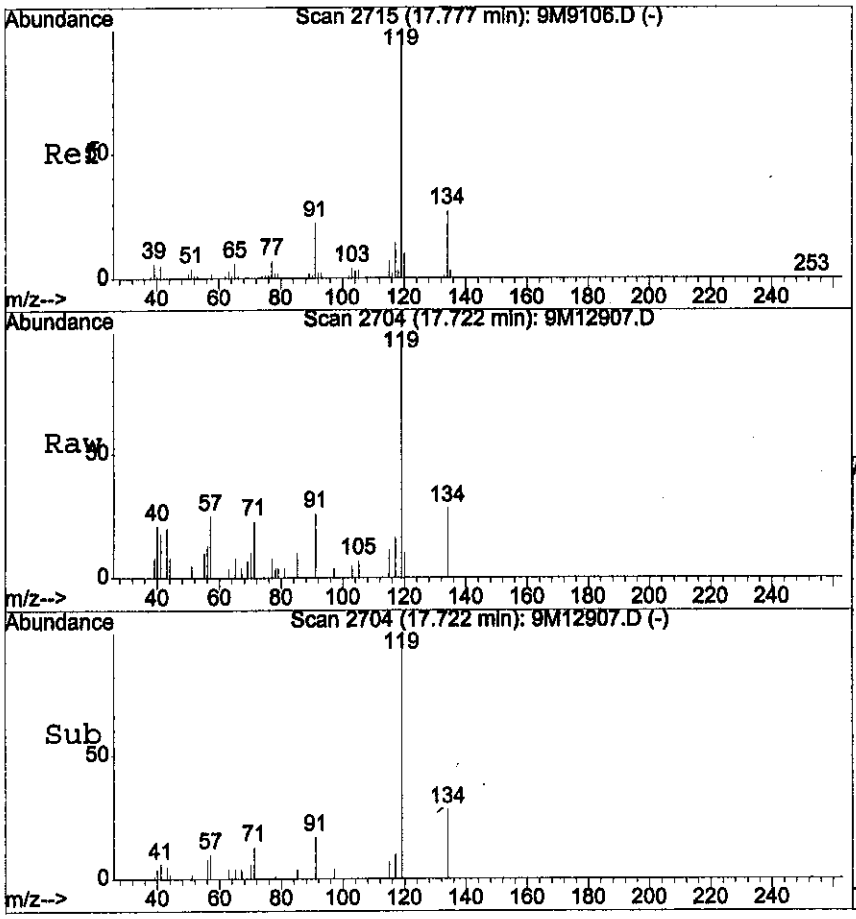


#77
sec-Butylbenzene
Concen: 2.72 ug/L
RT: 17.56 min Scan# 2673
Delta R.T. -0.01 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:105 Resp: 13775

Ion	Ratio	Lower	Upper
105	100		
134	17.7	15.8	23.8

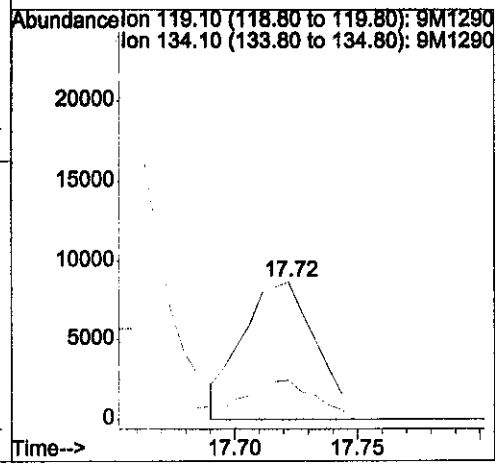


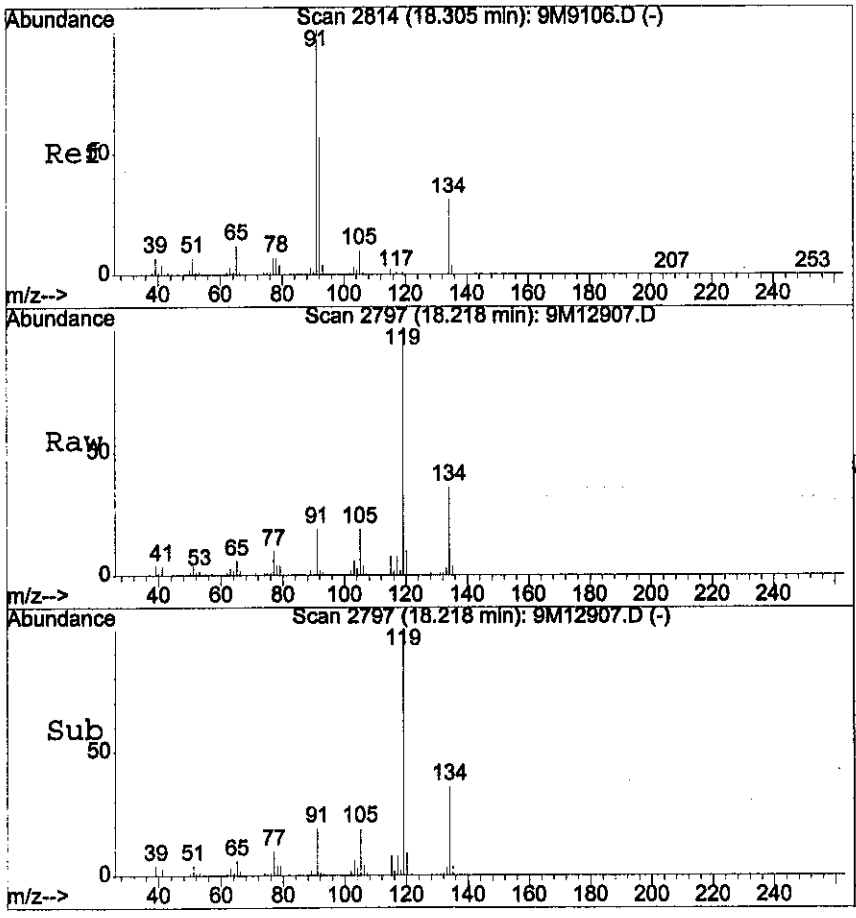


#78
p-Isopropyltoluene
Concen: 3.45 ug/L
RT: 17.72 min Scan# 2704
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:119 Resp: 18215

Ion	Ratio	Lower	Upper
119	100		
134	25.0	21.4	32.0

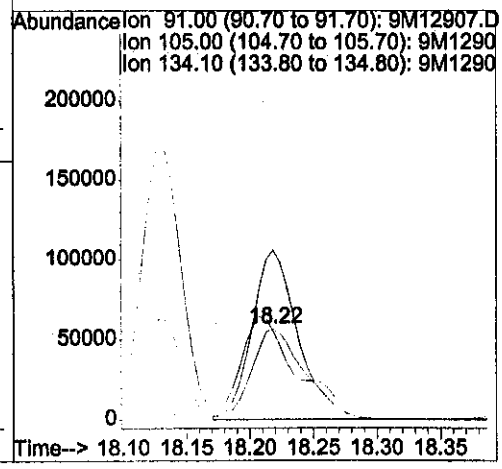


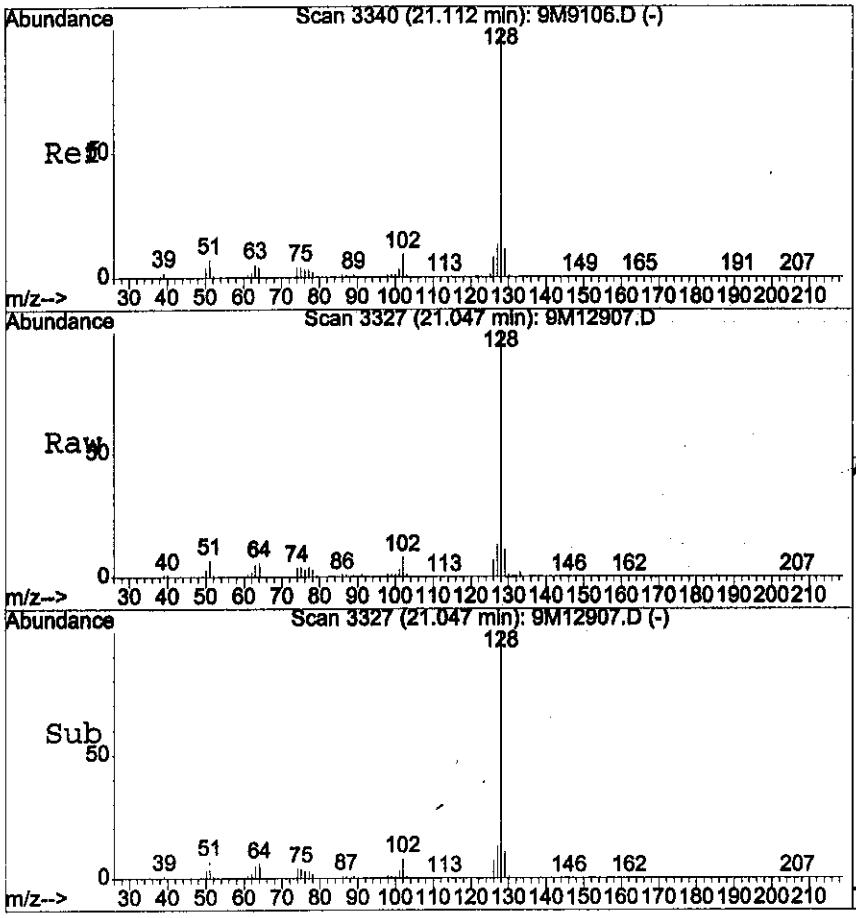


#81
n-Butylbenzene
Concen: 42.09 ug/L
RT: 18.22 min Scan# 2797
Delta R.T. -0.03 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion: 91 Resp: 164170

Ion	Ratio	Lower	Upper
91	100		
105	121.5	6.7	10.1#
134	162.9	21.0	31.6#

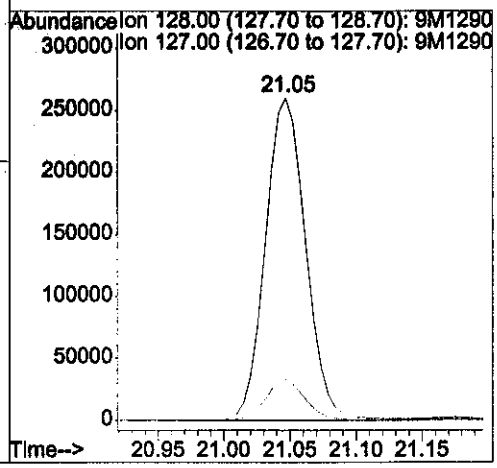




#86
Naphthalene
Concen: 231.82 ug/L
RT: 21.05 min Scan# 3327
Delta R.T. -0.00 min
Lab File: 9M12907.D
Acq: 17 Oct 2000 12:10

Tgt Ion:128 Resp: 550644

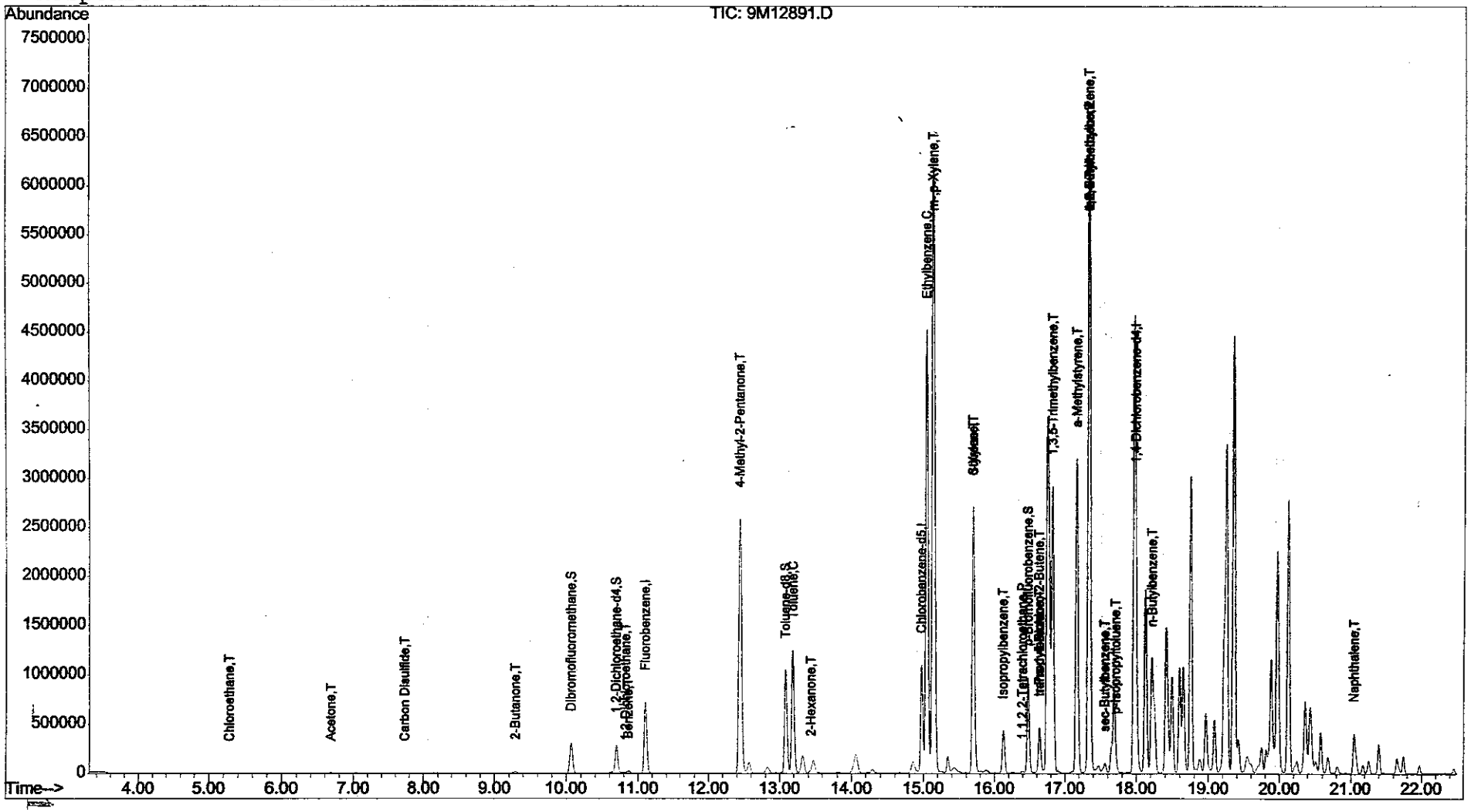
Ion	Ratio	Lower	Upper
128	100		
127	12.2	9.8	14.6



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12891.D Vial: 16
Acq On : 16 Oct 2000 22:26 Operator: RSS
Sample : L0010212-05 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 22:48 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

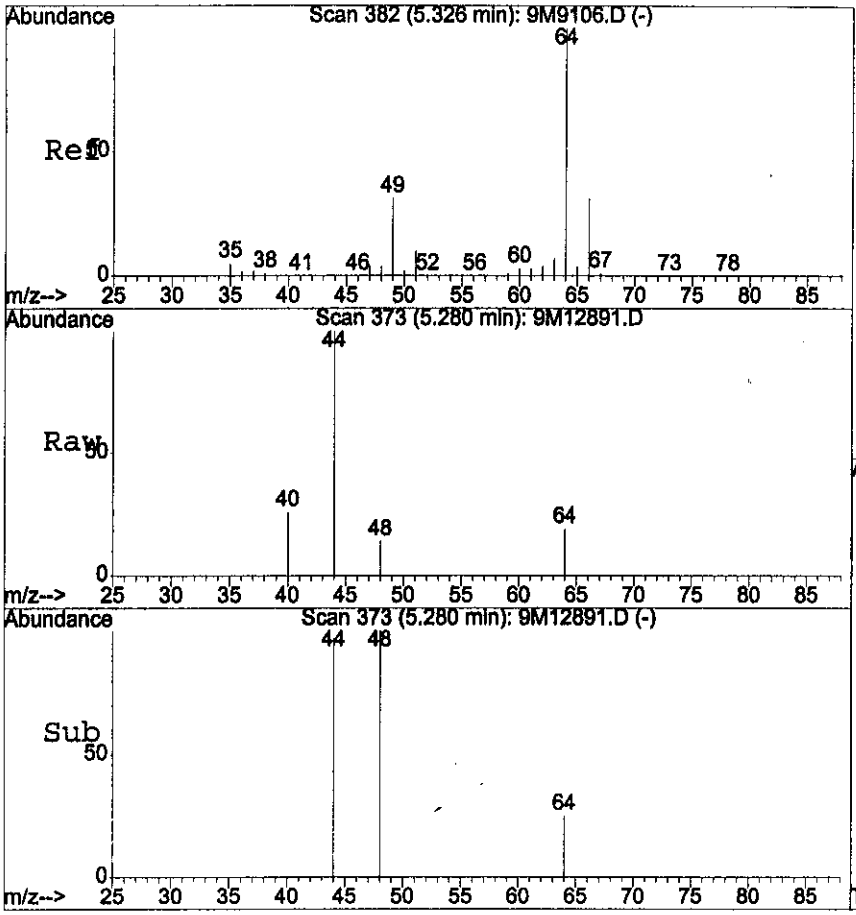
Data File : D:\HPCHEM\1\DATA\101600\9M12891.D Vial: 16
Acq On : 16 Oct 2000 22:26 Operator: RSS
Sample : L0010212-05 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 22:48 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	960536	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	831748	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	467389	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	271241	24.75	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.00%			
33) 1,2-Dichloroethane-d4	10.70	65	263142	24.45	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 97.80%			
45) Toluene-d8	13.09	98	1012202	24.61	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 98.44%			
66) p-Bromofluorobenzene	16.48	95	438469	27.74	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.96%			
Target Compounds						Qvalue
6) Chloroethane	5.28	64	922	0.26	ug/L #	43
11) Acetone	6.68	43	17989	10.08	ug/L NTC	96
16) Carbon Disulfide	7.73	76	5463	0.18	ug/L #	75
23) 2-Butanone	9.29	43	37559	16.71	ug/L BDL	95
34) 1,2-Dichloroethane	10.82	62	1648	0.12	ug/L #	47
35) Benzene	10.86	78	31751	0.80	ug/L	99
41) 4-Methyl-2-Pentanone	12.45	58	1192006	512.82	ug/L x	91 10X
46) Toluene	13.19	91	1318598	28.42	ug/L	100
50) 2-Hexanone	13.43	43	31875	~~8.20 ug/L #~~		30
58) Ethylbenzene	15.06	106	1645349	91.92	ug/L	95
59) m-,p-Xylene	15.15	106	3050030	148.43	ug/L	98
60) o-Xylene	15.71	106	1153790	50.23	ug/L	97
61) Styrene	15.71	104	68434	1.59	ug/L #	1
63) Isopropylbenzene	16.13	105	427134	6.49	ug/L	98
65) 1,1,2,2-Tetrachloroethane	16.40	83	2872	0.34	ug/L #	73
68) trans-1,4-Dichloro-2-Buten	16.63	53	5264	2.33	ug/L #	1
69) n-Propylbenzene	16.64	91	499618	6.87	ug/L	99
71) 1,3,5-Trimethylbenzene	16.83	105	2406051	50.39	ug/L	96
74) a-Methylstyrene	17.18	118	13813	0.57	ug/L #	1
75) tert-Butylbenzene	17.35	119	699156	~~17.79 ug/L #~~		56
76) 1,2,4-Trimethylbenzene	17.35	105	5995364	130.73	ug/L	98
77) sec-Butylbenzene	17.56	105	97135	1.76	ug/L	97
78) p-Isopropyltoluene	17.72	119	72335	1.26	ug/L	98
81) n-Butylbenzene	18.23	91	309749	~~7.27 ug/L~~ #		1
86) Naphthalene	21.04	128	413234	15.94	ug/L	100

RR10X

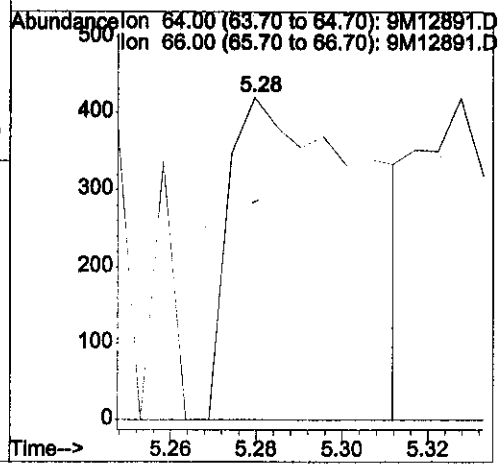
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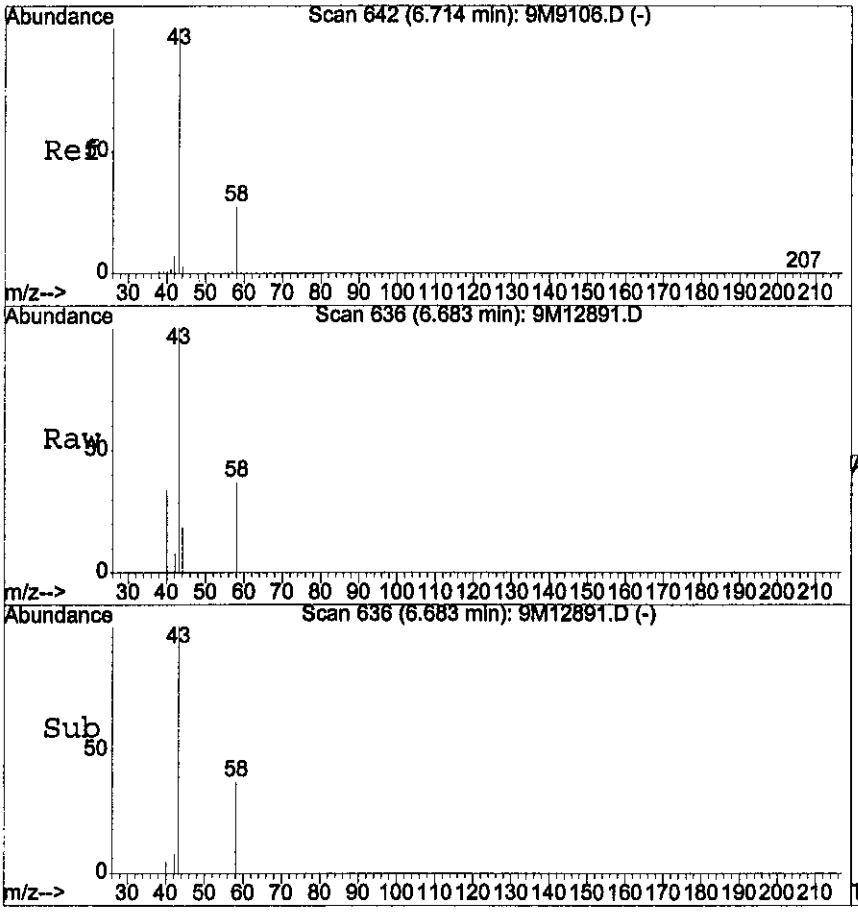


#6
Chloroethane
Concen: 0.26 ug/L
RT: 5.28 min Scan# 373
Delta R.T. -0.01 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 64 Resp: 922

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.0	37.6#

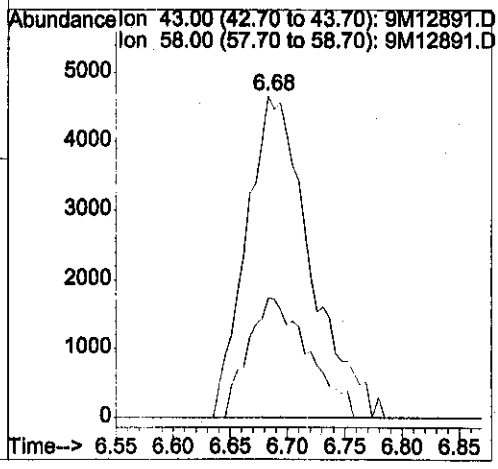


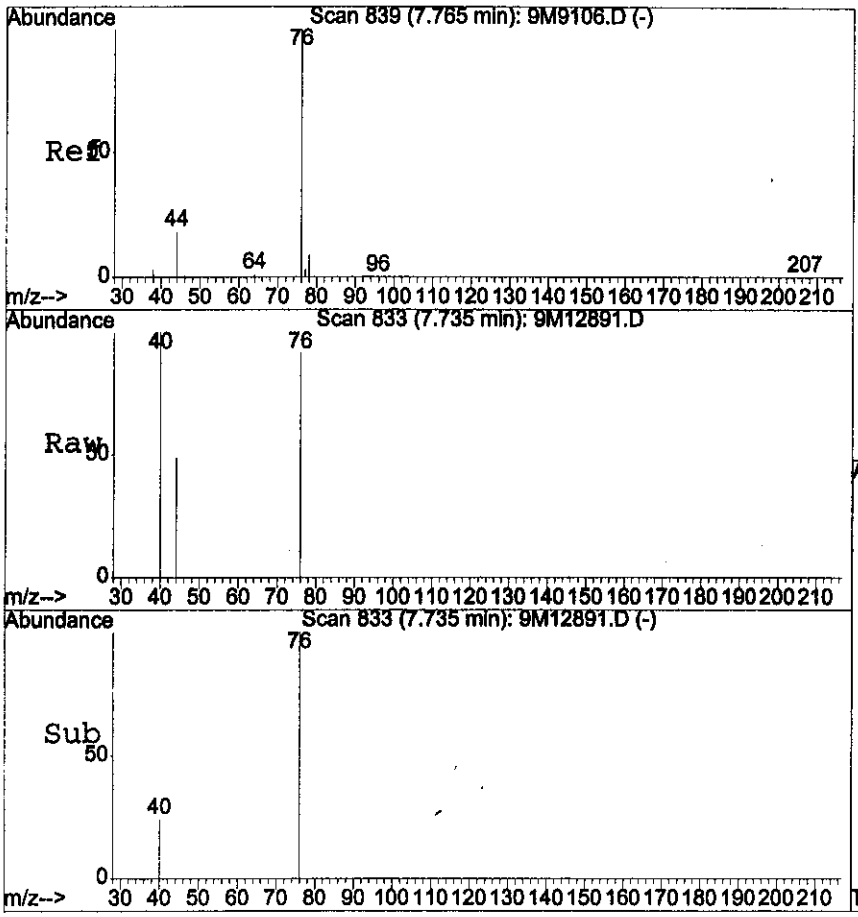


#11
Acetone
Concen: 10.08 ug/L
RT: 6.68 min Scan# 636
Delta R.T. -0.01 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 43 Resp: 17989

Ion	Ratio	Lower	Upper
43	100		
58	35.3	26.6	39.8

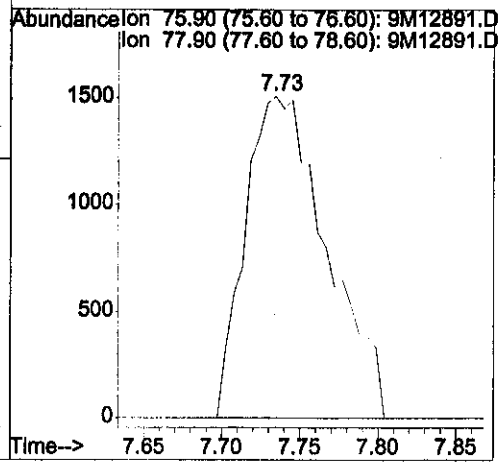


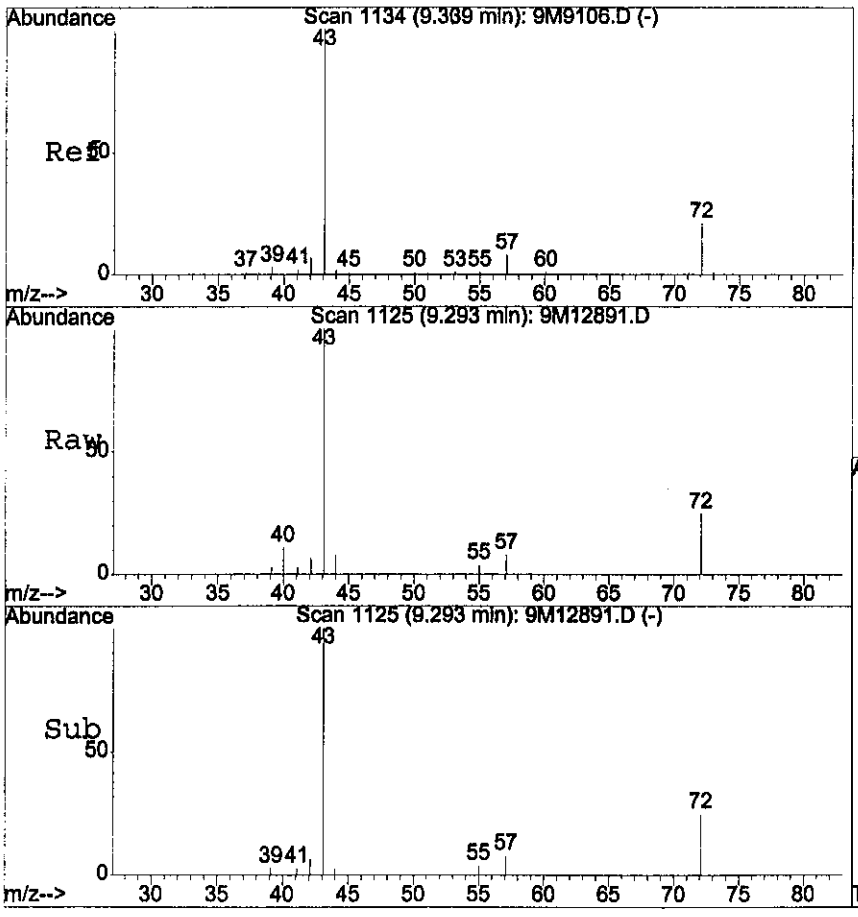


#16
Carbon Disulfide
Concen: 0.18 ug/L
RT: 7.73 min Scan# 833
Delta R.T. 0.02 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 76 Resp: 5463

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

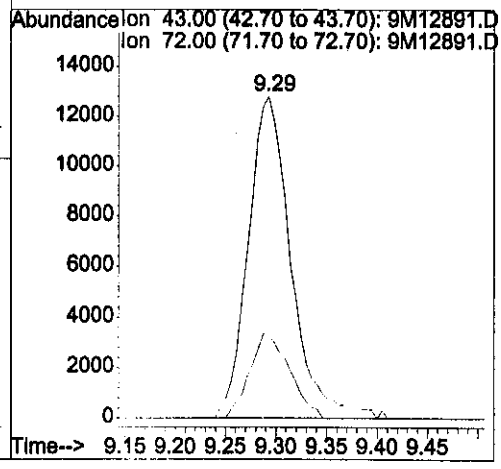


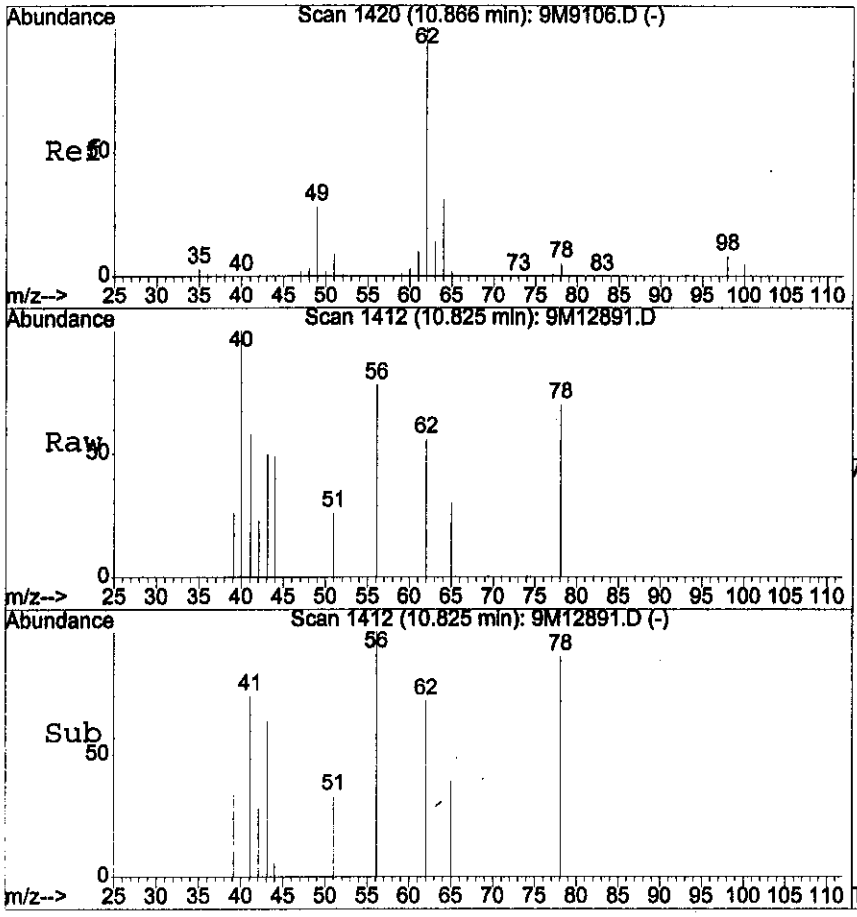


#23
2-Butanone
Concen: 16.71 ug/L
RT: 9.29 min Scan# 1125
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 43 Resp: 37559

Ion	Ratio	Lower	Upper
43	100		
72	24.5	17.8	26.8

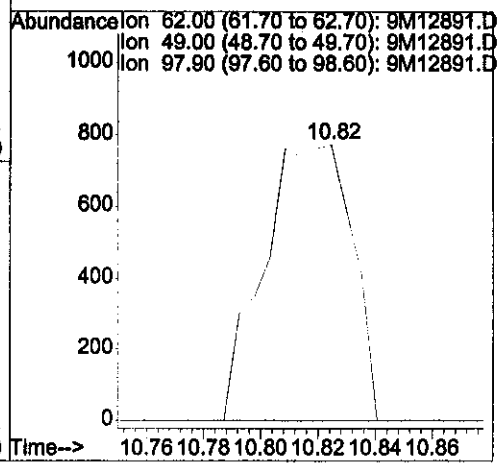


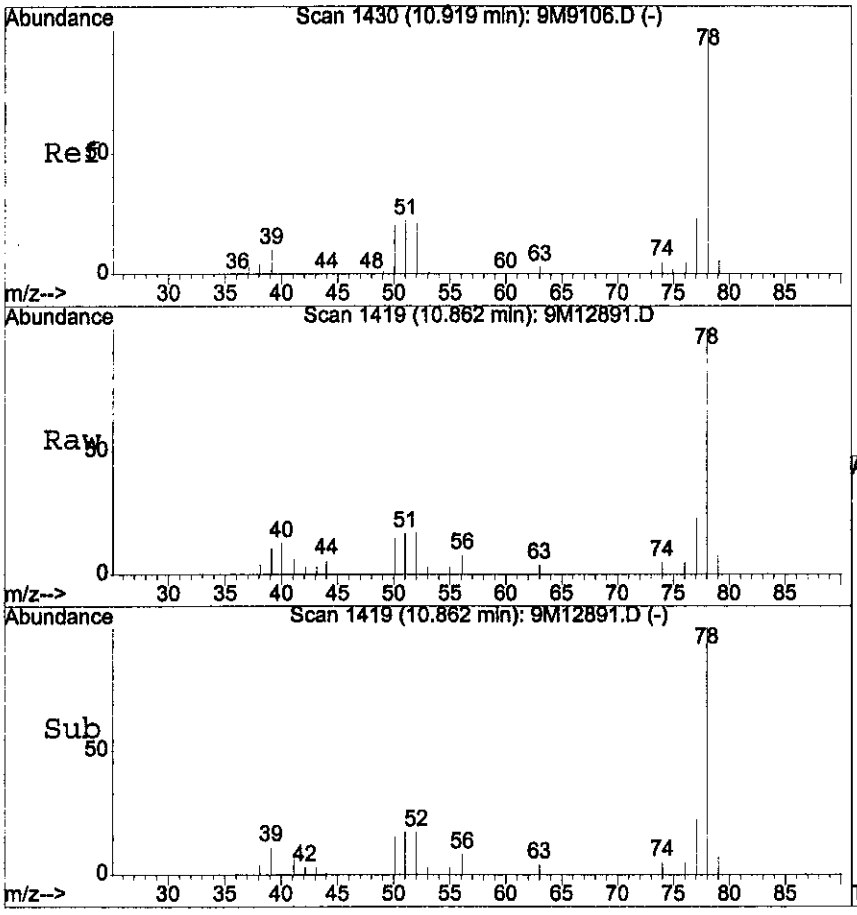


#34
1,2-Dichloroethane
Concen: 0.12 ug/L
RT: 10.82 min Scan# 1412
Delta R.T. 0.01 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 62 Resp: 1648

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#

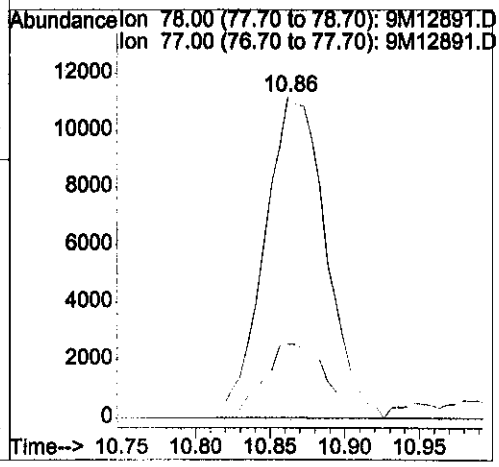


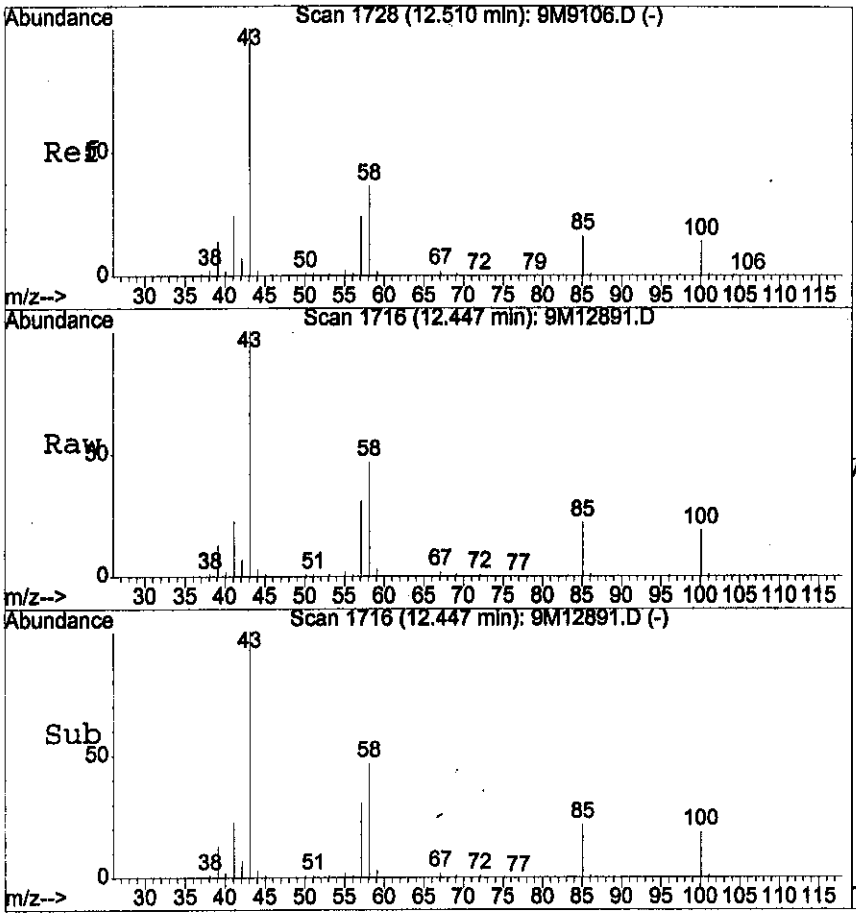


#35
Benzene
Concen: 0.80 ug/L
RT: 10.86 min Scan# 1419
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 78 Resp: 31751

Ion	Ratio	Lower	Upper
78	100		
77	22.8	17.8	26.6

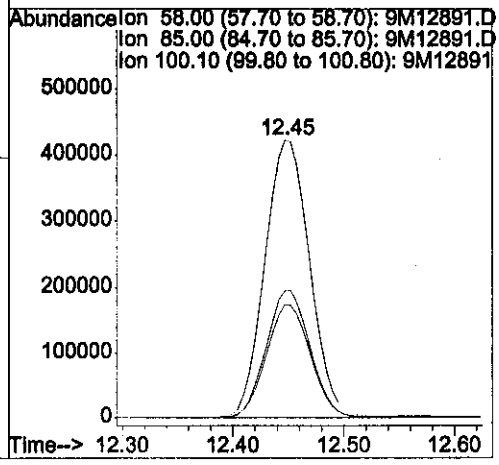


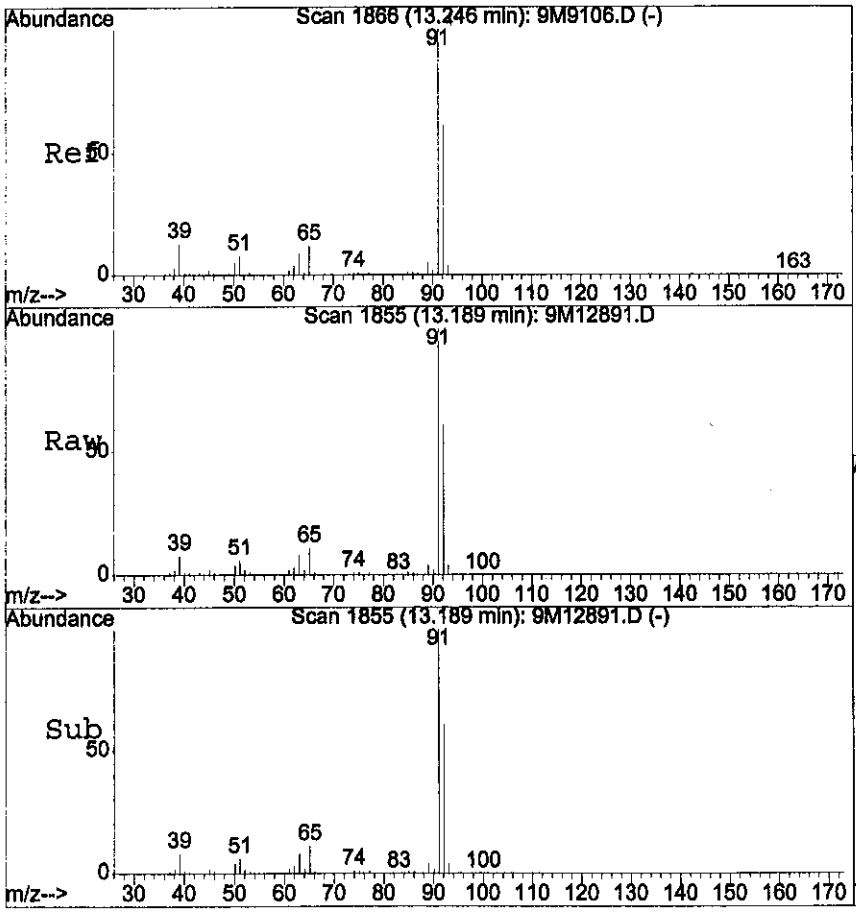


#41
4-Methyl-2-Pentanone
Concen: 512.82 ug/L
RT: 12.45 min Scan# 1716
Delta R.T. -0.01 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 58 Resp: 1192006

Ion	Ratio	Lower	Upper
58	100		
85	45.3	31.8	47.6
100	40.4	27.8	41.8

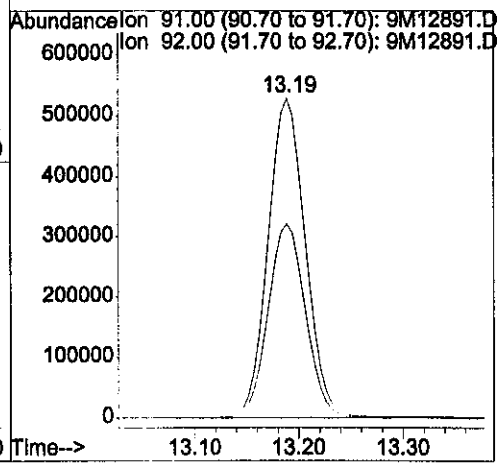


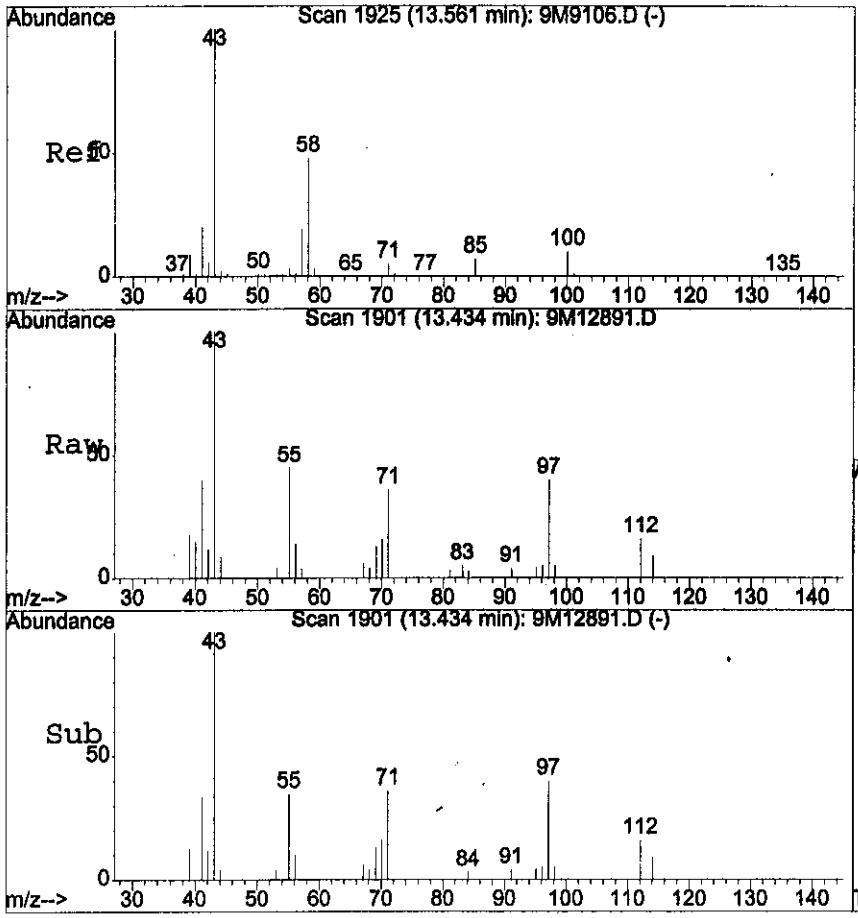


#46
Toluene
Concen: 28.42 ug/L
RT: 13.19 min Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 91 Resp: 1318598

Ion	Ratio	Lower	Upper
91	100		
92	61.0	48.7	73.1

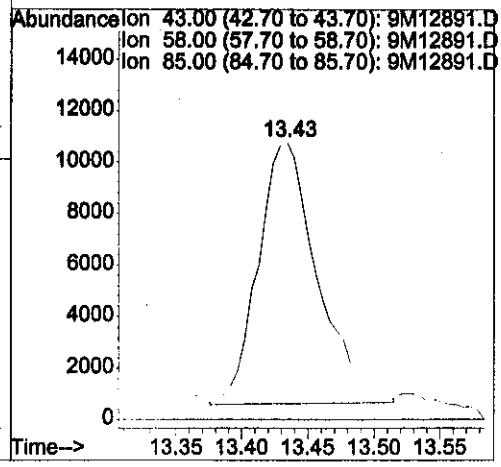


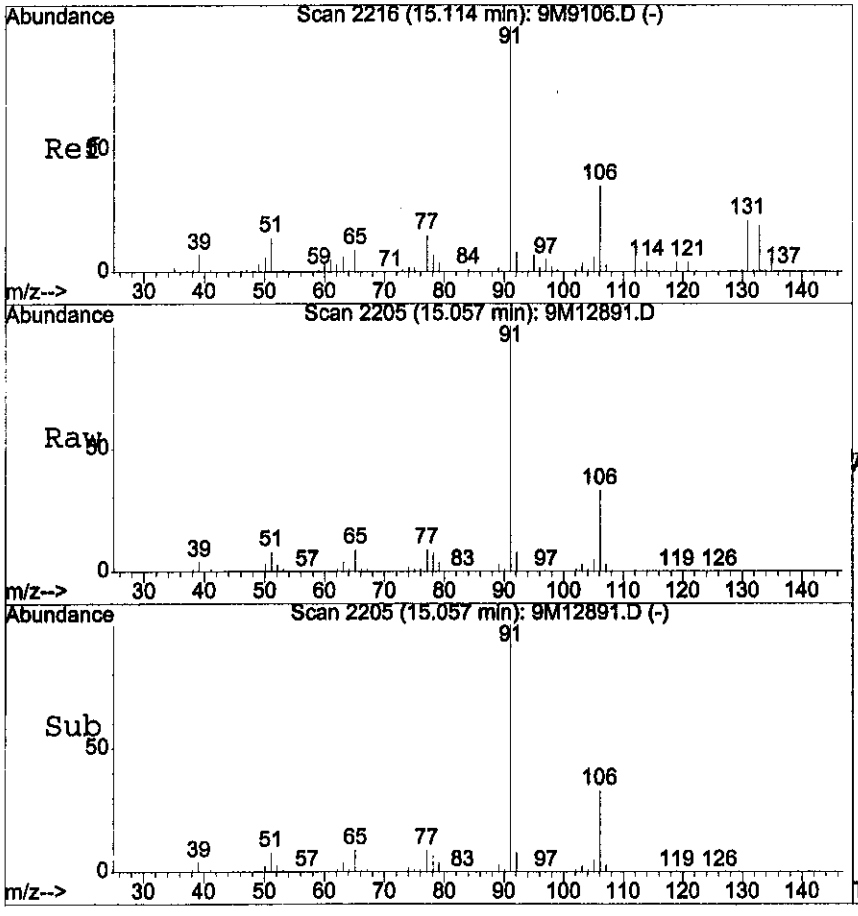


#50
2-Hexanone
Concen: 8.20 ug/L
RT: 13.43 min Scan# 1901
Delta R.T. -0.07 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 43 Resp: 31875

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#

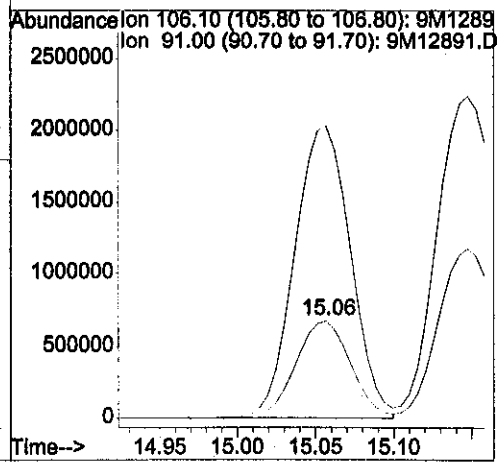


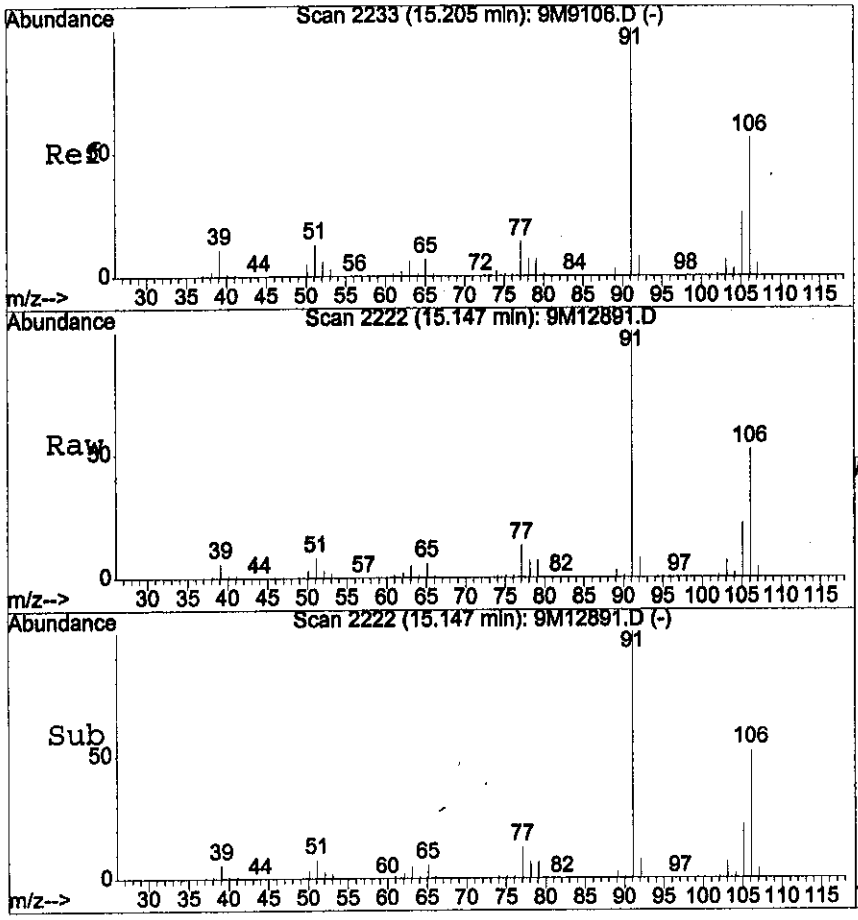


#58
Ethylbenzene
Concen: 91.92 ug/L
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:106 Resp: 1645349

Ion	Ratio	Lower	Upper
106	100		
91	306.1	252.8	379.2

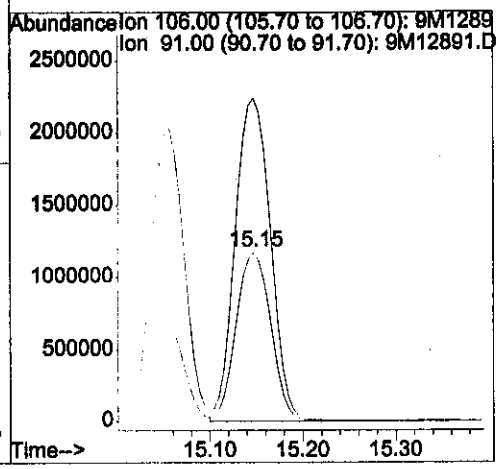


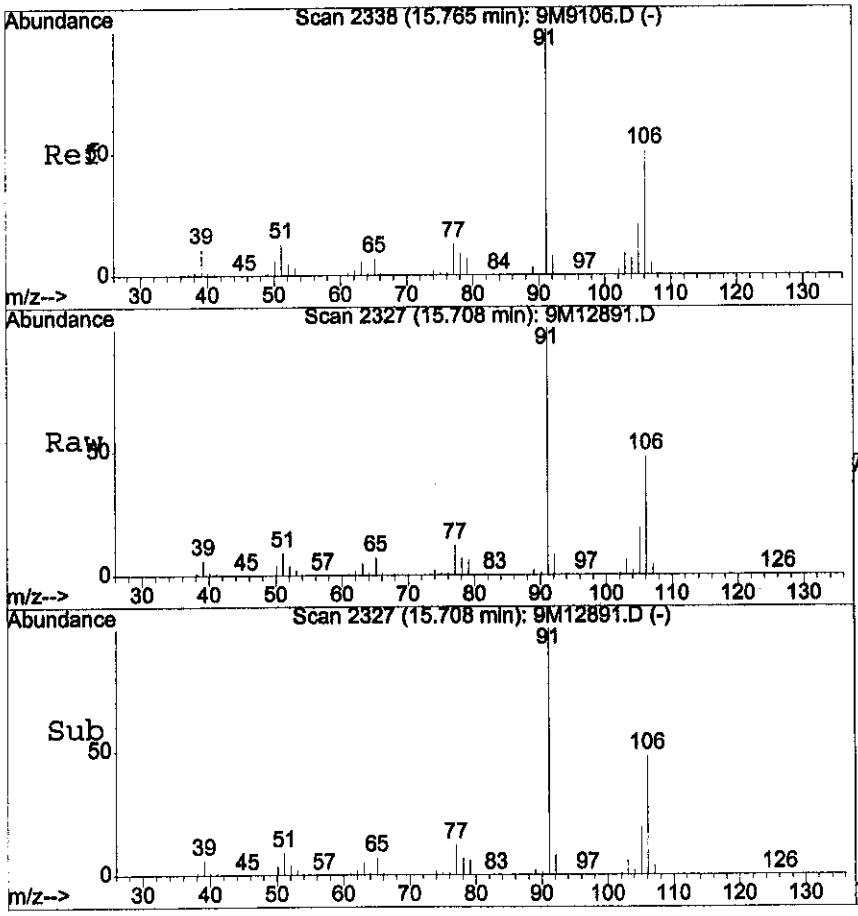


#59
m-,p-Xylene
Concen: 148.43 ug/L
RT: 15.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:106 Resp: 3050030

Ion	Ratio	Lower	Upper
106	100		
91	194.9	158.8	238.2

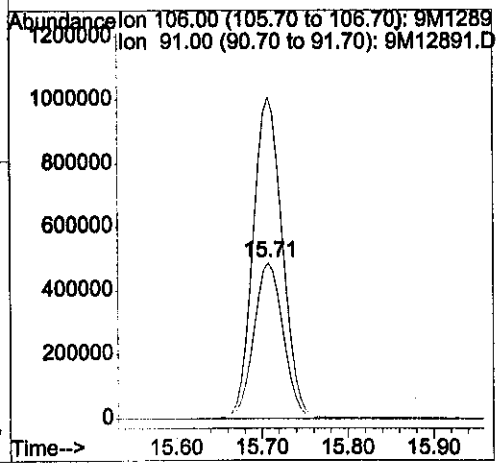


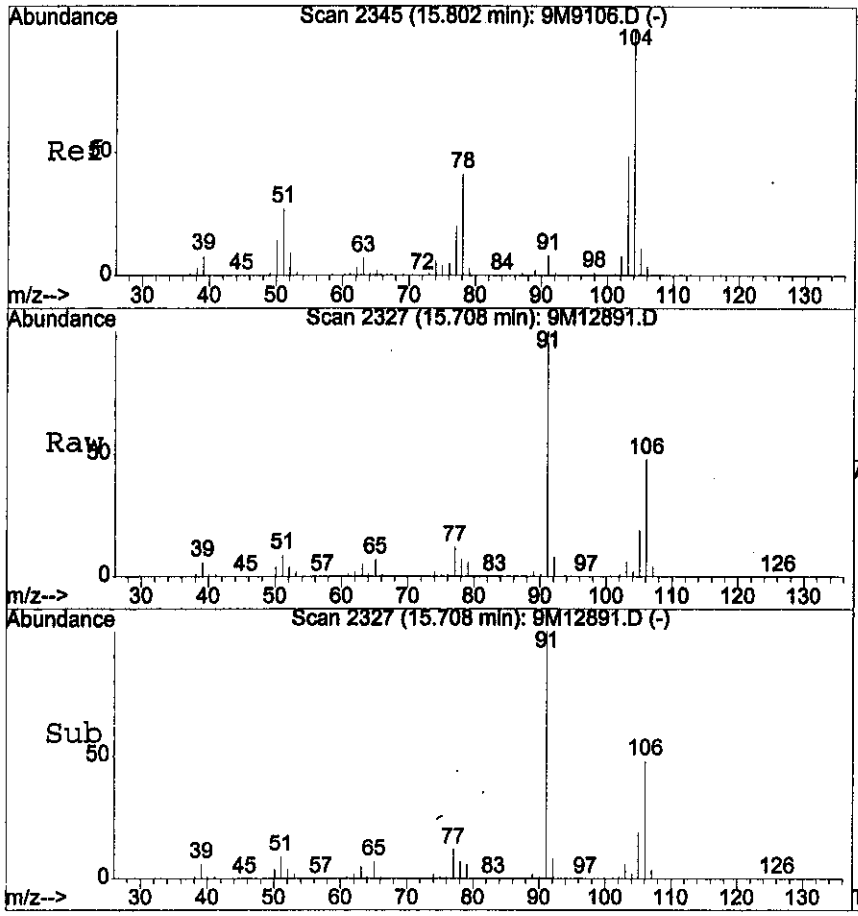


#60
o-Xylene
Concen: 50.23 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. 0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:106 Resp: 1153790

Ion	Ratio	Lower	Upper
106	100		
91	207.5	169.6	254.4

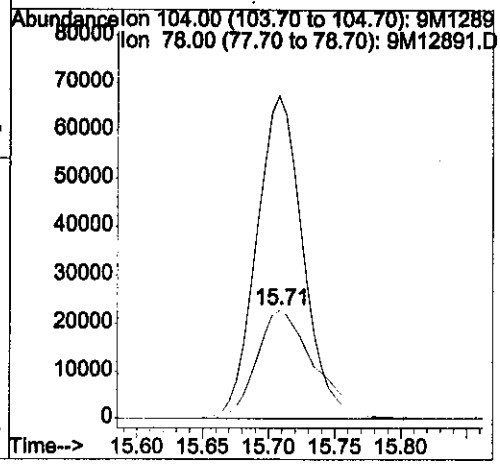


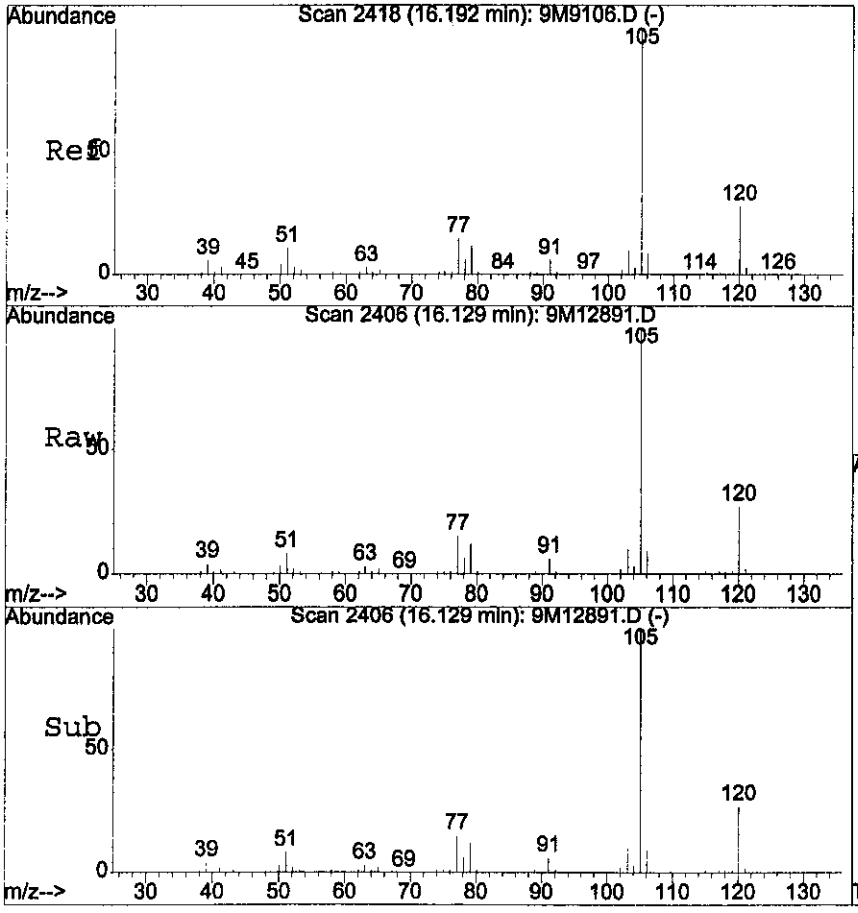


#61
Styrene
Concen: 1.59 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. -0.04 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:104 Resp: 68434

Ion	Ratio	Lower	Upper
104	100		
78	241.0	40.2	60.4#

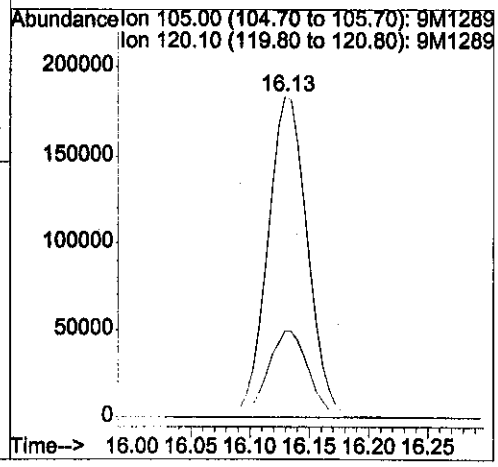


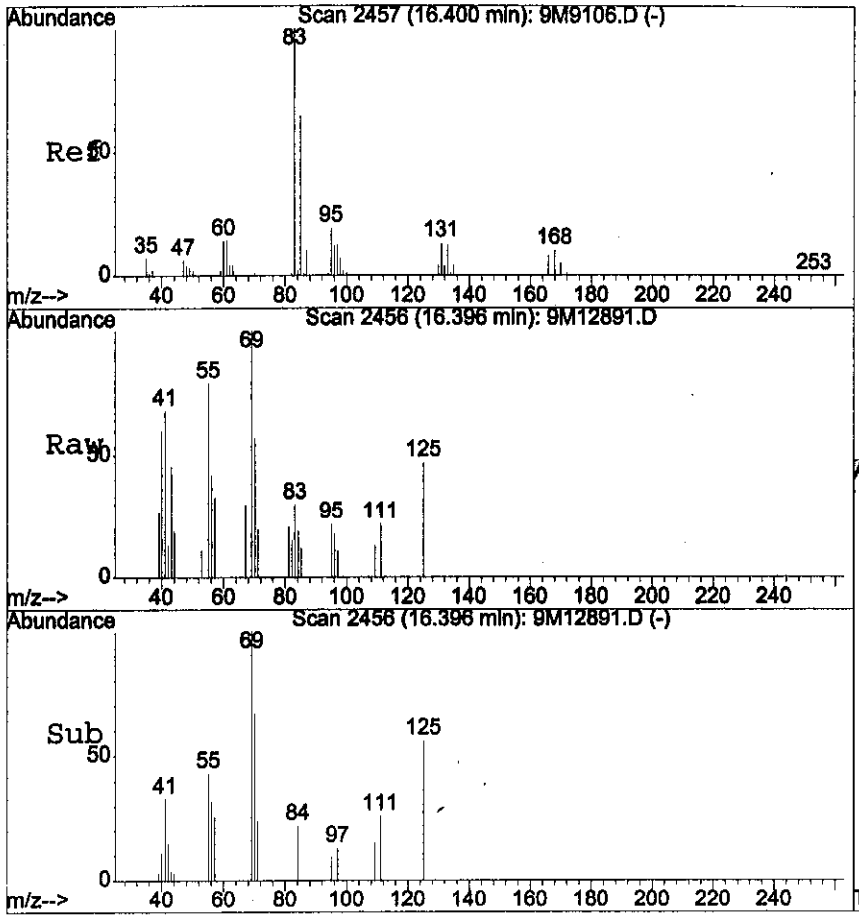


#63
Isopropylbenzene
Concen: 6.49 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:105 Resp: 427134

Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.0	31.4

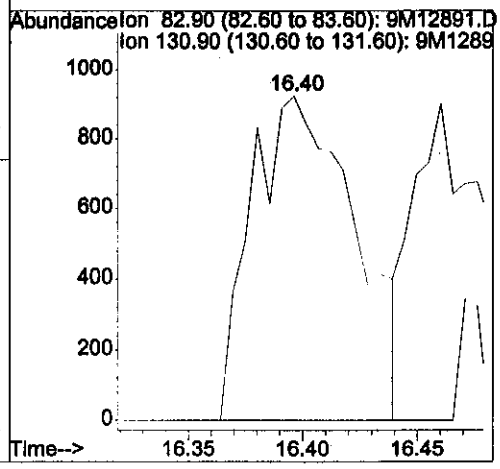


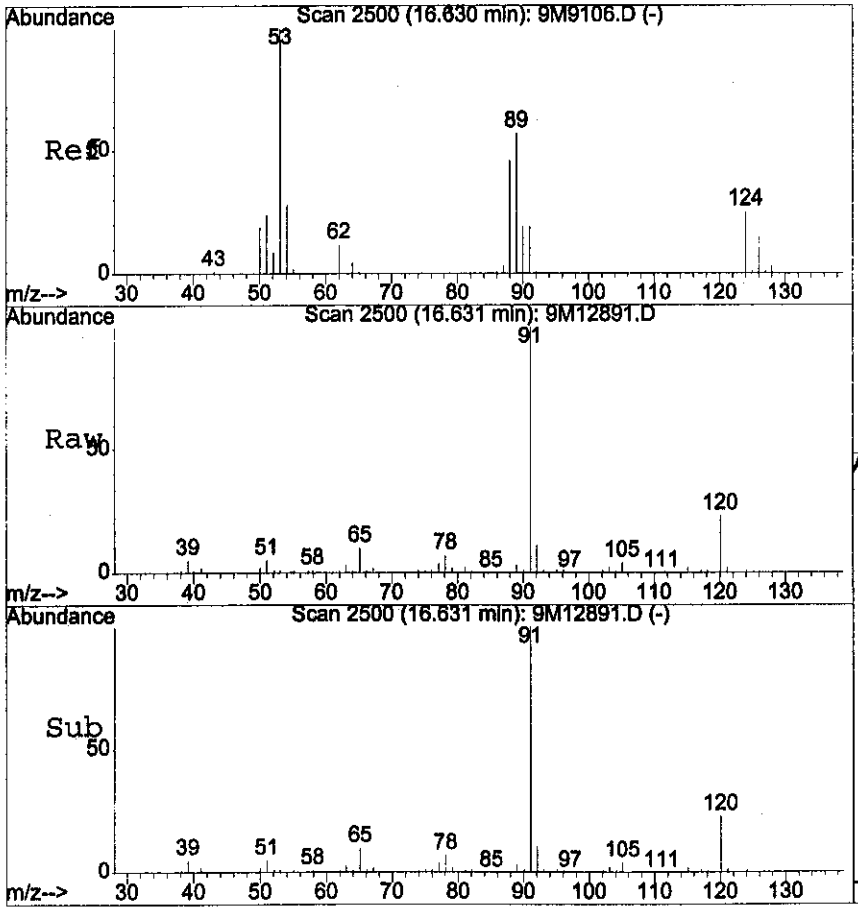


#65
1,1,2,2-Tetrachloroethane
Concen: 0.34 ug/L
RT: 16.40 min Scan# 2456
Delta R.T. 0.06 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 83 Resp: 2872

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.1	12.1#

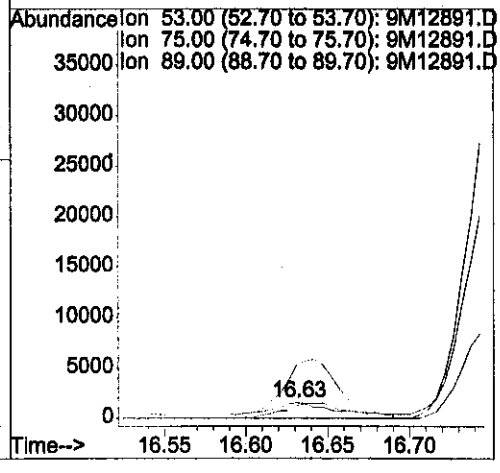


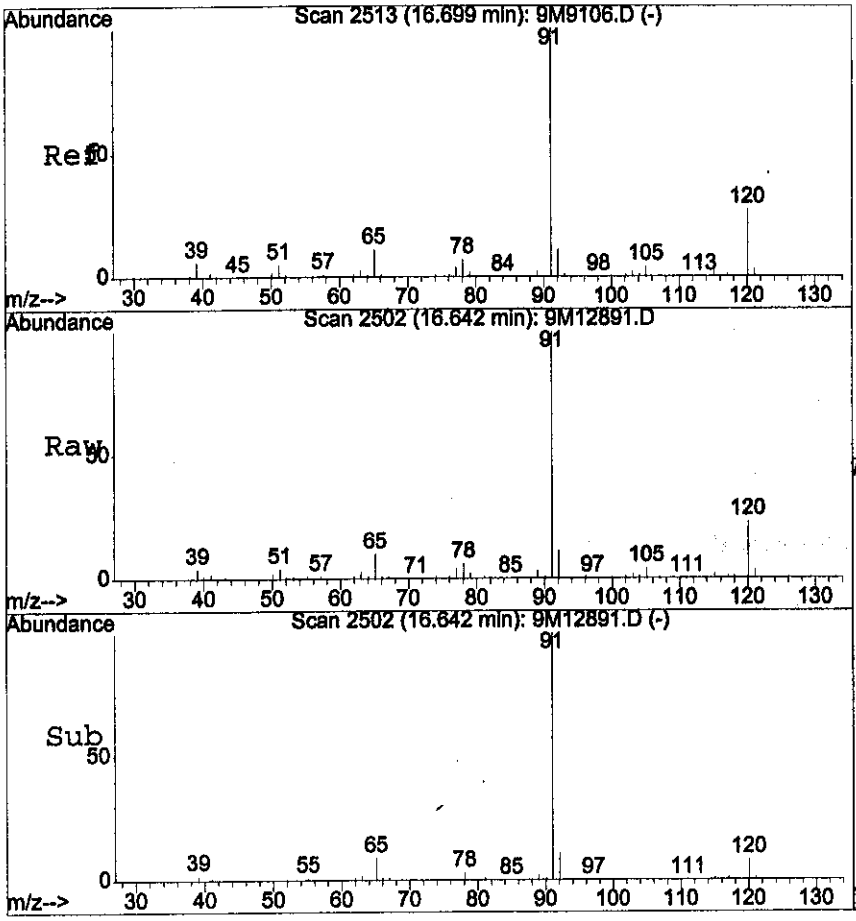


#68
trans-1,4-Dichloro-2-Butene
Concen: 2.33 ug/L
RT: 16.63 min Scan# 2500
Delta R.T. 0.06 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 53 Resp: 5264

Ion	Ratio	Lower	Upper
53	100		
75	53.3	111.8	167.8#
89	249.6	51.2	76.8#

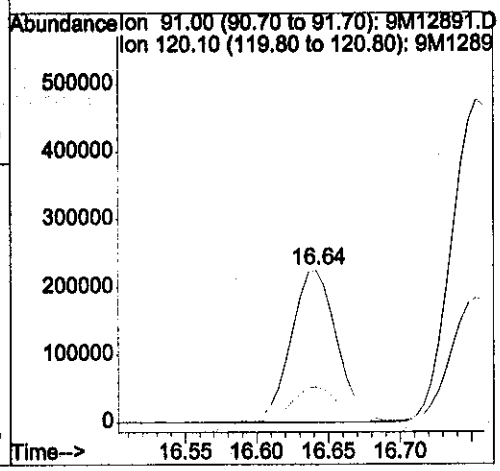


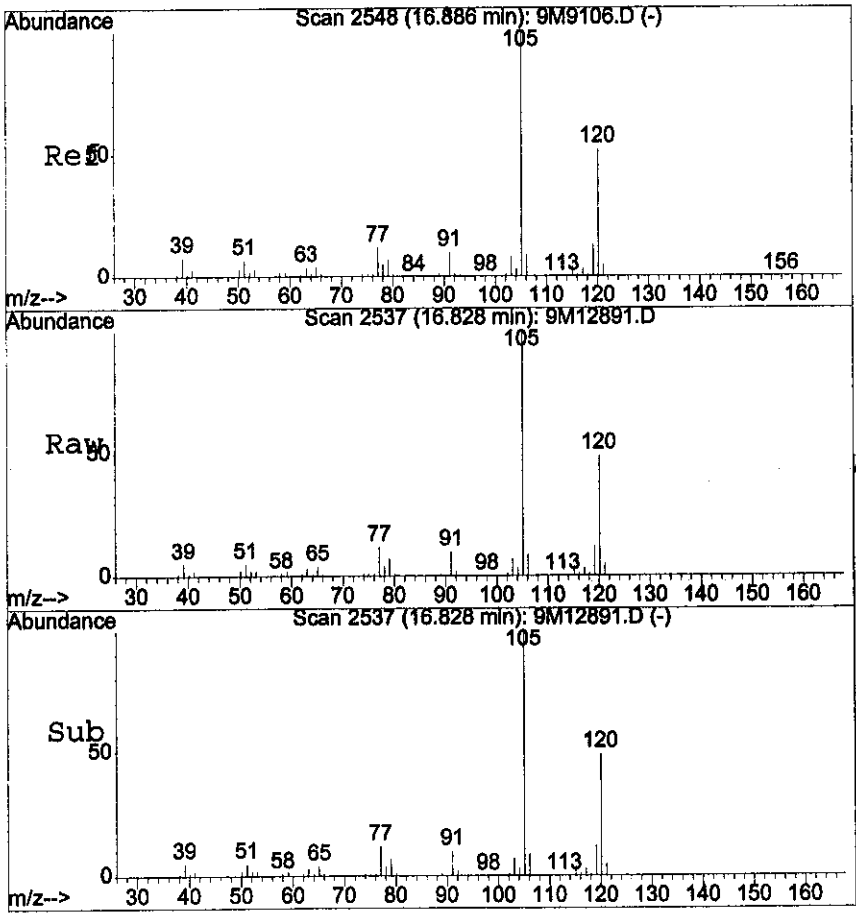


#69
n-Propylbenzene
Concen: 6.87 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 91 Resp: 499618

Ion	Ratio	Lower	Upper
91	100		
120	23.5	18.3	27.5

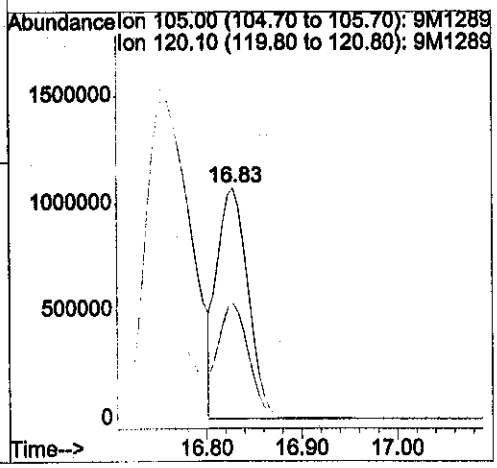


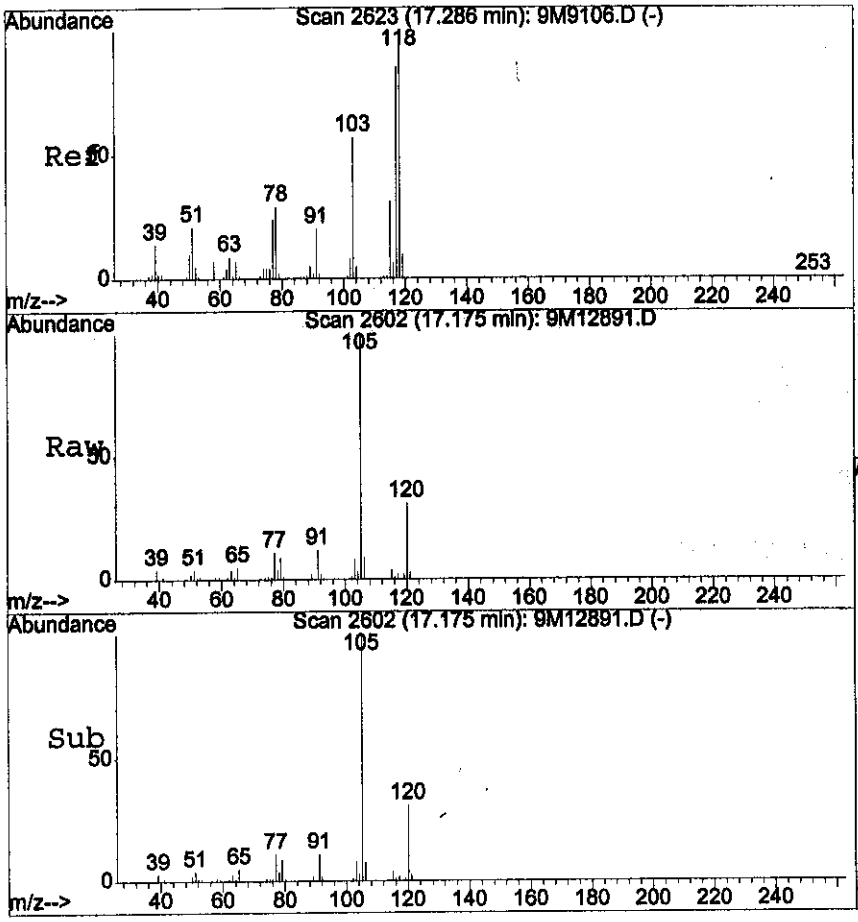


#71
1,3,5-Trimethylbenzene
Concen: 50.39 ug/L
RT: 16.83 min Scan# 2537
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:105 Resp: 2406051

Ion	Ratio	Lower	Upper
105	100		
120	51.6	38.9	58.3

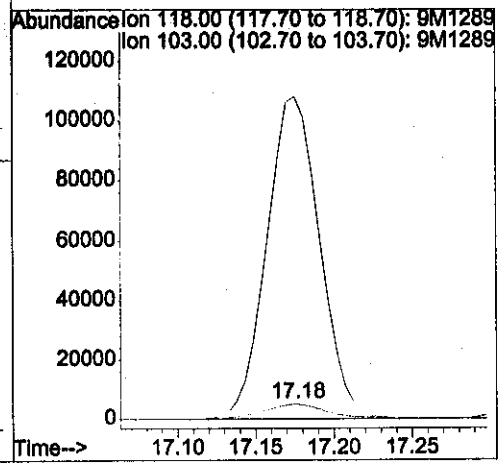


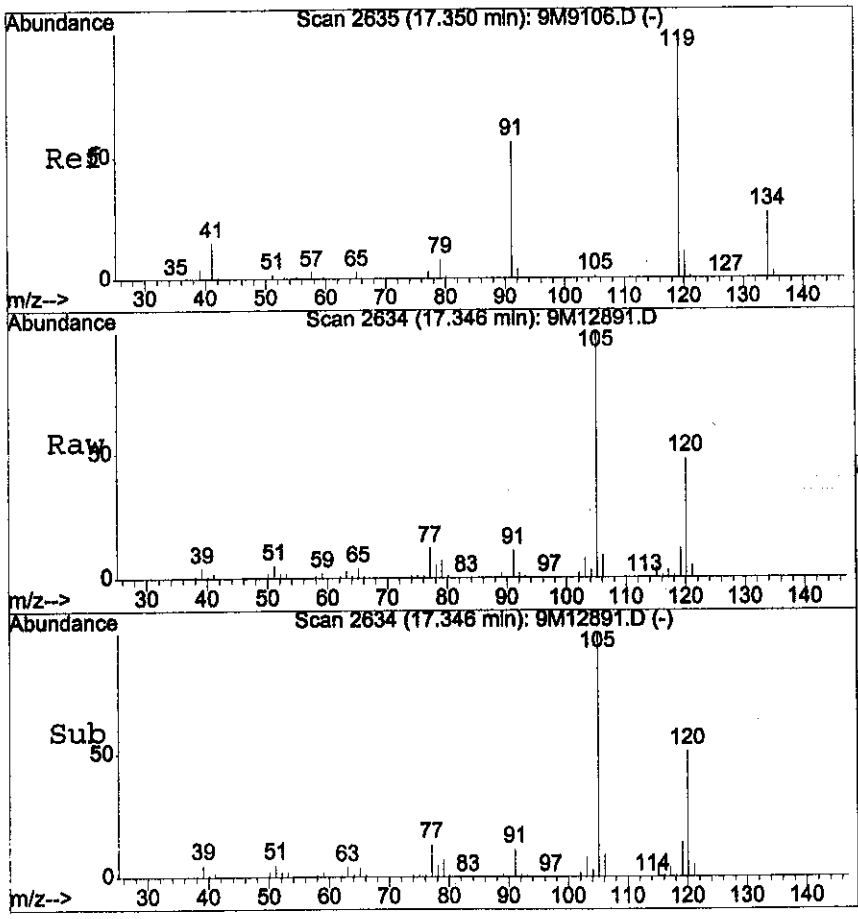


#74
a-Methylstyrene
Concen: 0.57 ug/L
RT: 17.18 min Scan# 2602
Delta R.T. -0.05 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:118 Resp: 13813

Ion	Ratio	Lower	Upper
118	100		
103	1839.1	44.9	67.3#

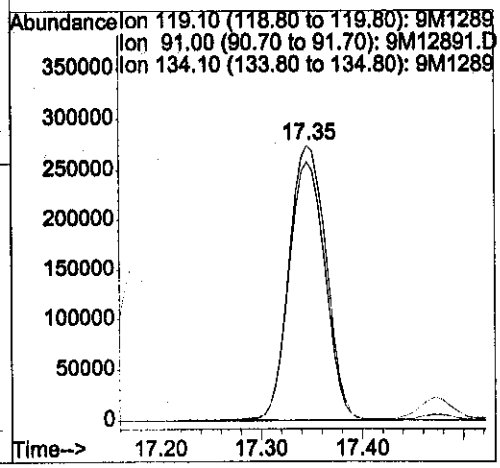


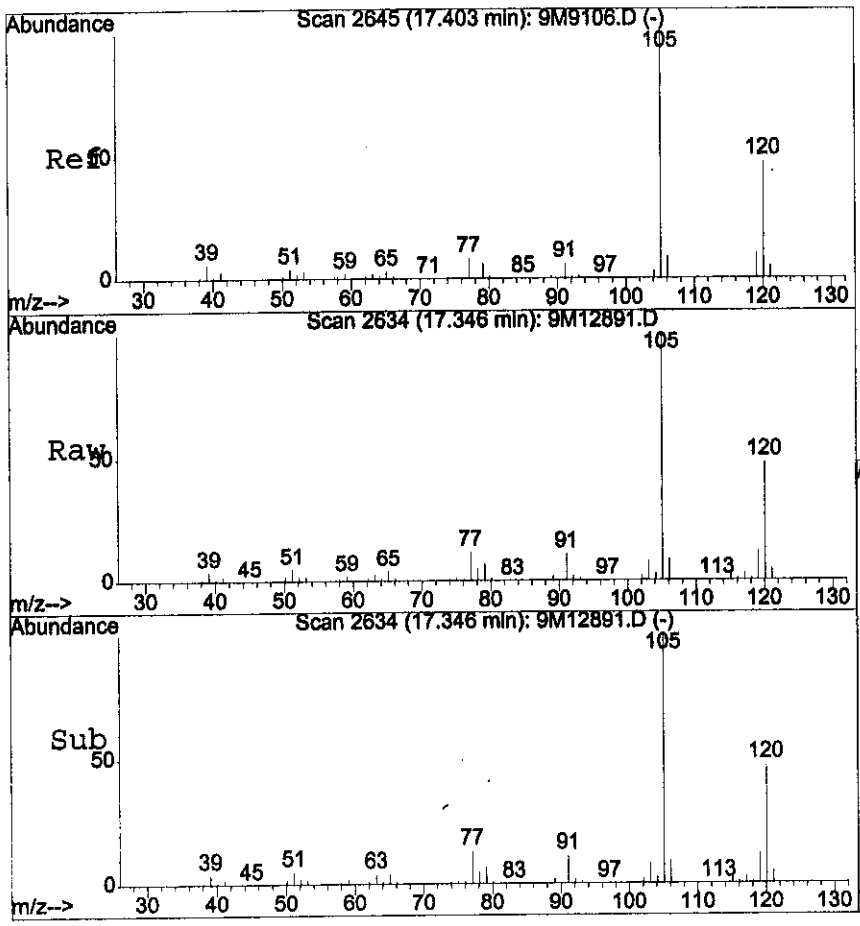


#75
tert-Butylbenzene
Concen: 17.79 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. 0.05 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:119 Resp: 699156

Ion	Ratio	Lower	Upper
119	100		
91	91.8	48.6	73.0#
134	0.1	21.0	31.4#

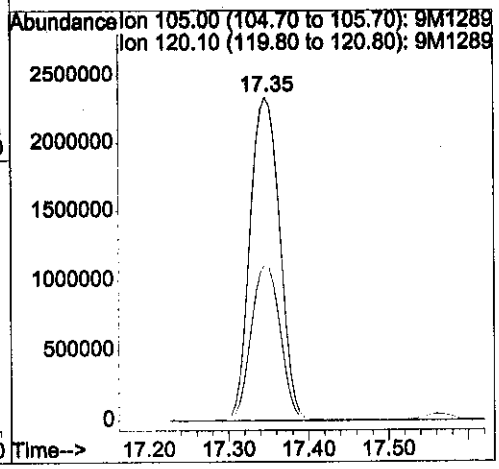


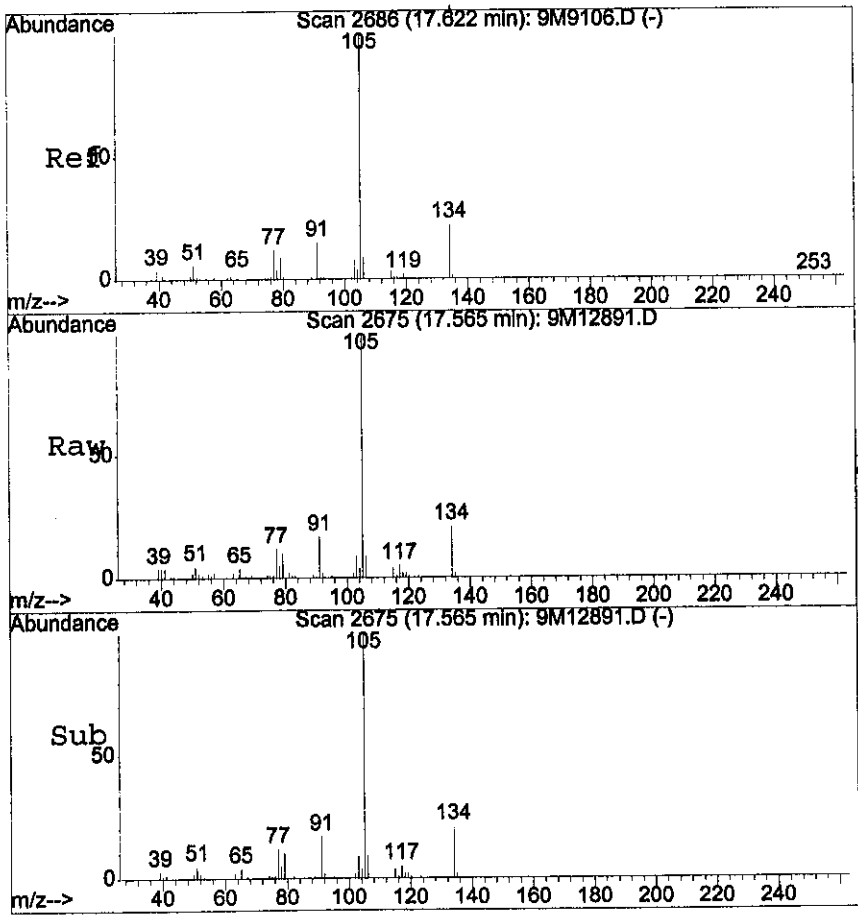


#76
1,2,4-Trimethylbenzene
Concen: 130.73 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:105 Resp: 5995364

Ion	Ratio	Lower	Upper
105	100		
120	46.9	36.6	55.0

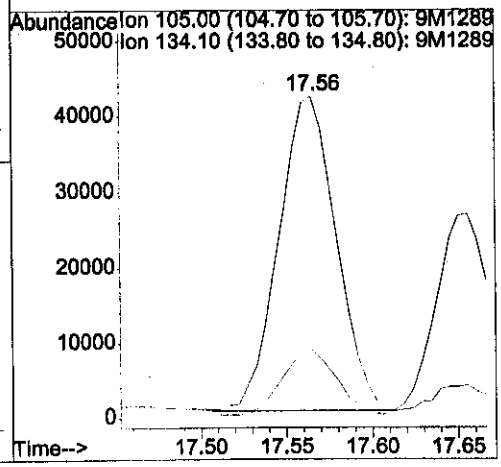


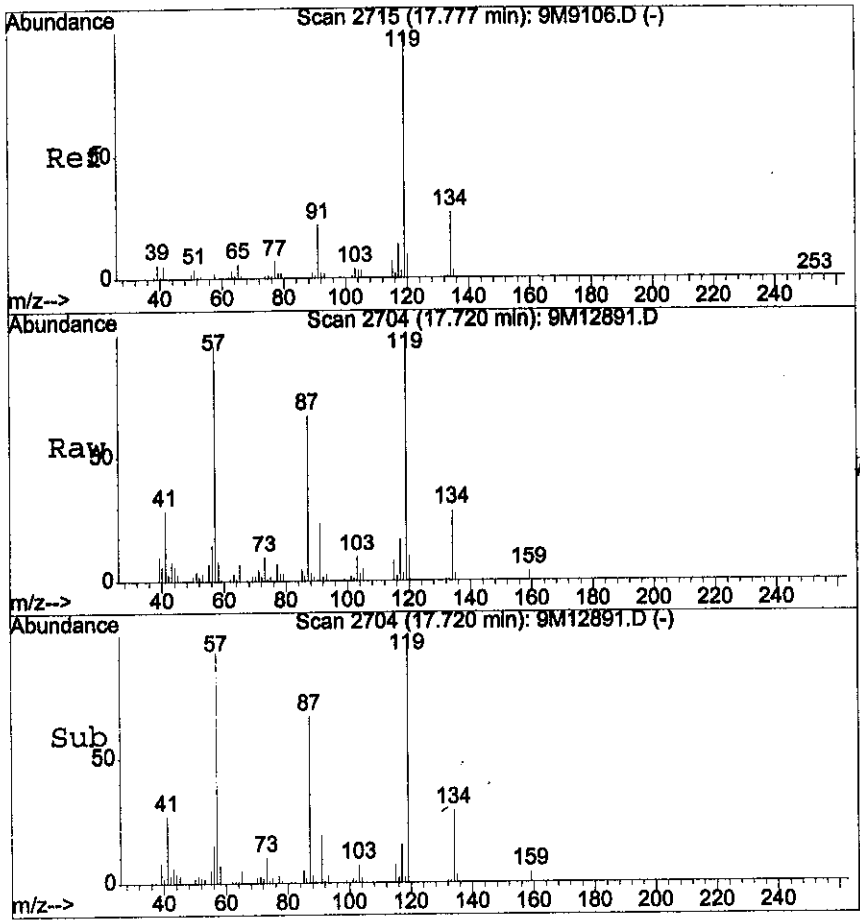


#77
sec-Butylbenzene
Concen: 1.76 ug/L
RT: 17.56 min Scan# 2675
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:105 Resp: 97135

Ion	Ratio	Lower	Upper
105	100		
134	21.1	15.8	23.8

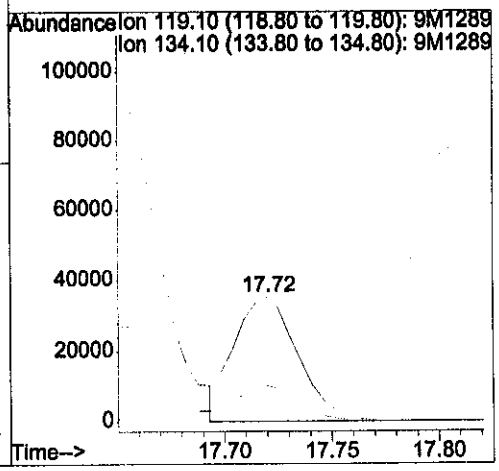


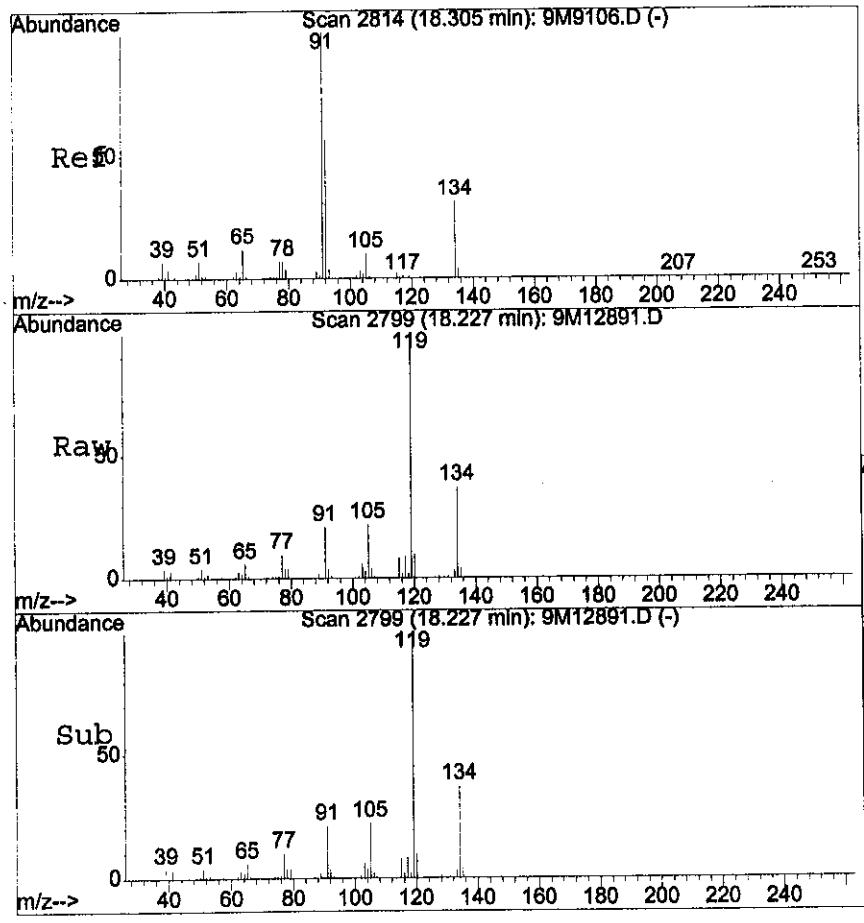


#78
p-Isopropyltoluene
Concen: 1.26 ug/L
RT: 17.72 min Scan# 2704
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:119 Resp: 72335

Ion	Ratio	Lower	Upper
119	100		
134	27.9	21.4	32.0

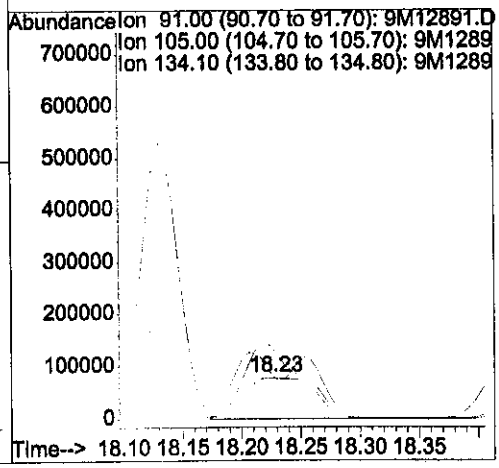


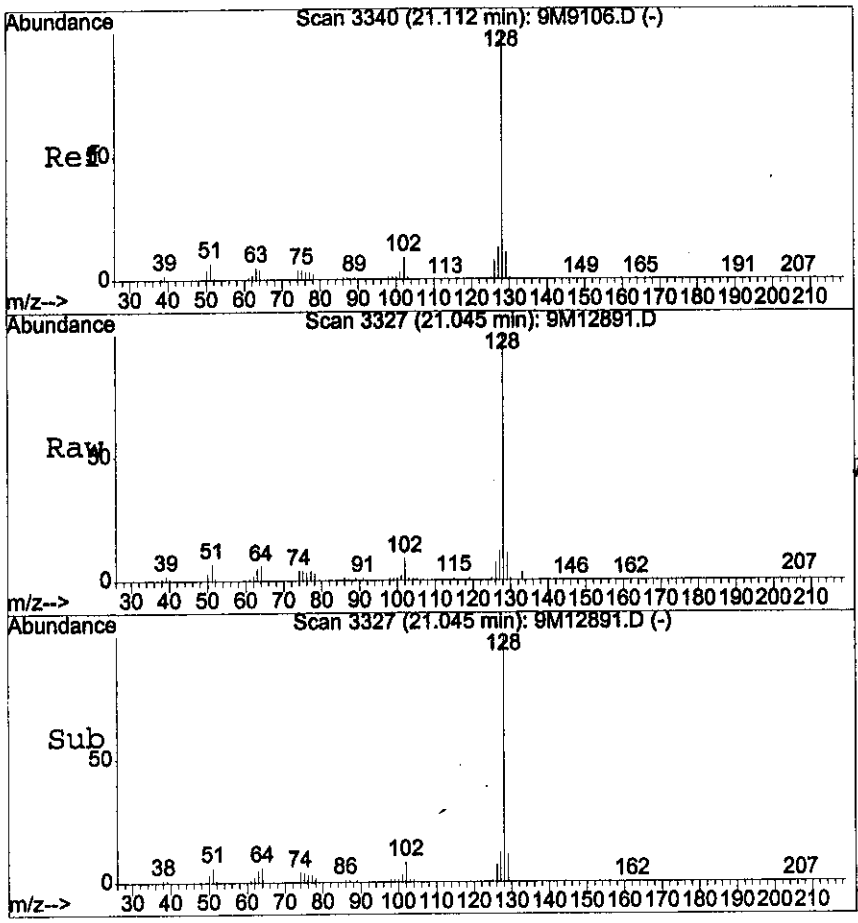


#81
n-Butylbenzene
Concen: 7.27 ug/L
RT: 18.23 min Scan# 2799
Delta R.T. -0.02 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion: 91 Resp: 309749

Ion	Ratio	Lower	Upper
91	100		
105	94.5	6.7	10.1#
134	154.9	21.0	31.6#

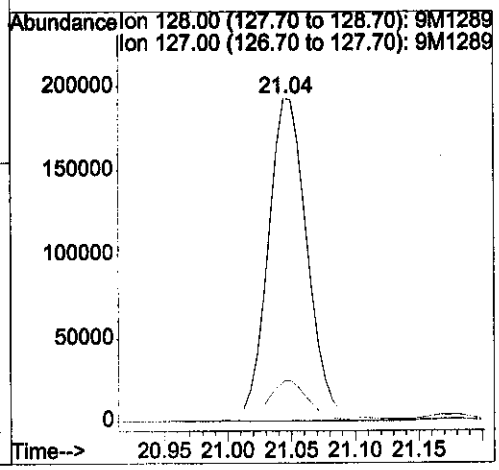




#86
Naphthalene
Concen: 15.94 ug/L
RT: 21.04 min Scan# 3327
Delta R.T. -0.00 min
Lab File: 9M12891.D
Acq: 16 Oct 2000 22:26

Tgt Ion:128 Resp: 413234

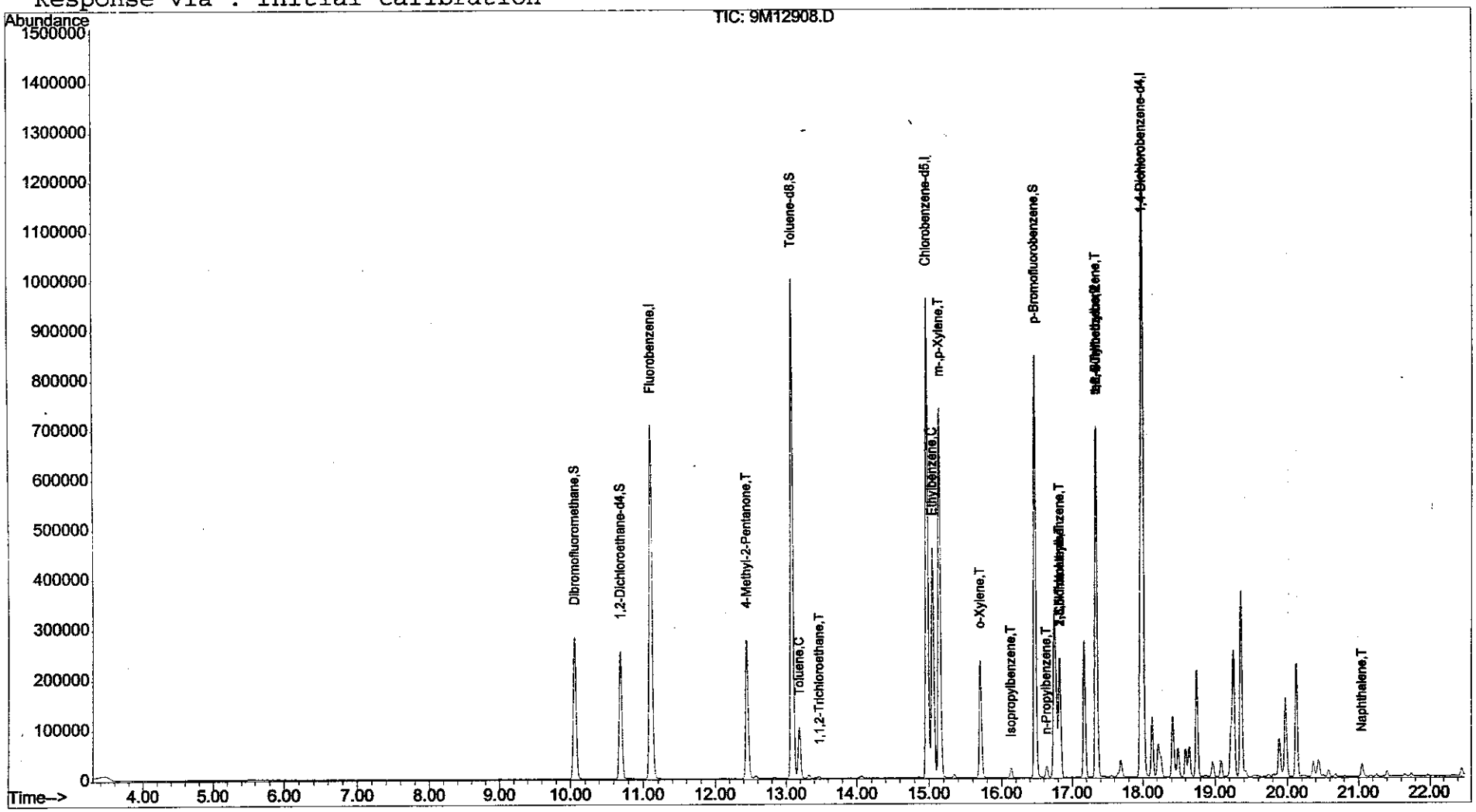
Ion	Ratio	Lower	Upper
128	100		
127	12.4	9.8	14.6



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12908.D Vial: 8
Acq On : 17 Oct 2000 12:41 Operator: RSS
Sample : L0010212-05 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:04 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



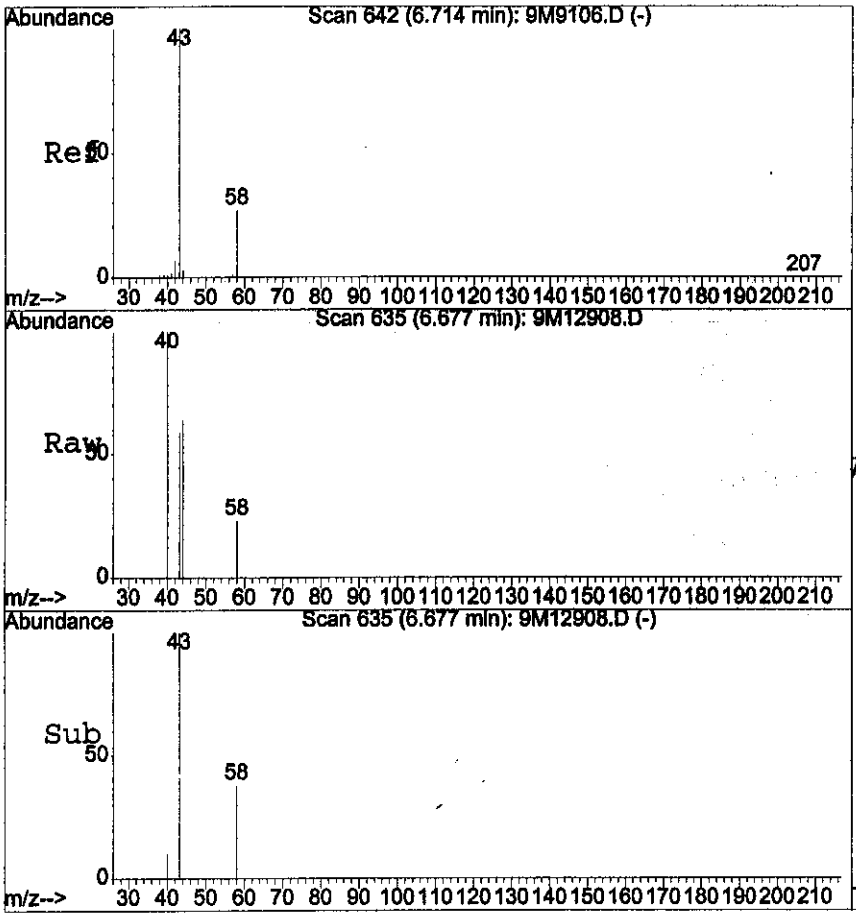
Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12908.D Vial: 8
Acq On : 17 Oct 2000 12:41 Operator: RSS
Sample : L0010212-05 10X ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:04 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.11	96	909756	25.00 ug/L	0.00
44) Chlorobenzene-d5	14.98	117	718340	25.00 ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	420459	25.00 ug/L	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.06	111	243071	23.42 ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.68%		
33) 1,2-Dichloroethane-d4	10.70	65	242814	23.82 ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 95.28%		
45) Toluene-d8	13.09	98	930929	26.20 ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 104.80%		
66) p-Bromofluorobenzene	16.48	95	381994	26.86 ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.44%		
Target Compounds					Qvalue
11) Acetone	6.68	43	2363	~~13.99 ug/L~~ #	66
16) Carbon Disulfide	7.71	76	571	~~0.19 ug/L~~ #	75
23) 2-Butanone	9.29	43	1743	~~8.19 ug/L~~ #	53
34) 1,2-Dichloroethane	10.82	62	1398	~~1.12 ug/L~~ #	47
35) Benzene	10.87	78	2057	~~0.55 ug/L~~ #	54
41) 4-Methyl-2-Pentanone	12.45	58	105932	481.18 ug/L	95
46) Toluene	13.19	91	104132	25.98 ug/L	98
47) Ethyl Methacrylate	13.31	69	917	~~1.06 ug/L~~ #	49
49) 1,1,2-Trichloroethane	13.48	97	2656	~~3.49 ug/L~~ #	7
50) 2-Hexanone	13.42	43	1329	~~3.96 ug/L~~ #	30
58) Ethylbenzene	15.05	106	143514	92.83 ug/L	99
59) m-,p-Xylene	15.15	106	308818	145.54 ug/L	98
60) o-Xylene	15.71	106	87014	~~40.21 ug/L~~	99
61) Styrene	15.71	104	5572	~~1.49 ug/L~~ #	1
63) Isopropylbenzene	16.13	105	17588	~~3.06 ug/L~~ # J	49
69) n-Propylbenzene	16.64	91	25935	~~3.91 ug/L~~ J	98
71) 1,3,5-Trimethylbenzene	16.83	105	183009	~~38.81 ug/L~~ J	96
72) 2-Chlorotoluene	16.82	91	20361	~~5.90 ug/L~~ #	40
74) a-Methylstyrene	17.16	118	2443	~~1.12 ug/L~~ #	1
75) tert-Butylbenzene	17.35	119	64031	~~18.11 ug/L~~ #	56
76) 1,2,4-Trimethylbenzene	17.35	105	556153	~~134.81 ug/L~~	100
77) sec-Butylbenzene	17.56	105	4283	~~0.86 ug/L~~ #	87
78) p-Isopropyltoluene	17.71	119	4179	~~0.81 ug/L~~	93
81) n-Butylbenzene	18.22	91	9265	~~2.42 ug/L~~ #	1
86) Naphthalene	21.05	128	29022	~~12.44 ug/L~~ J	100

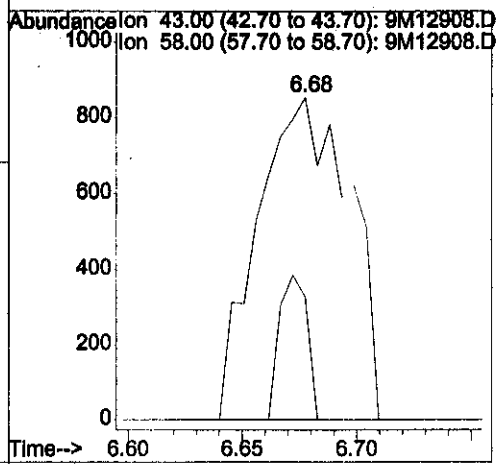
(#) = qualifier out of range (m) = manual integration

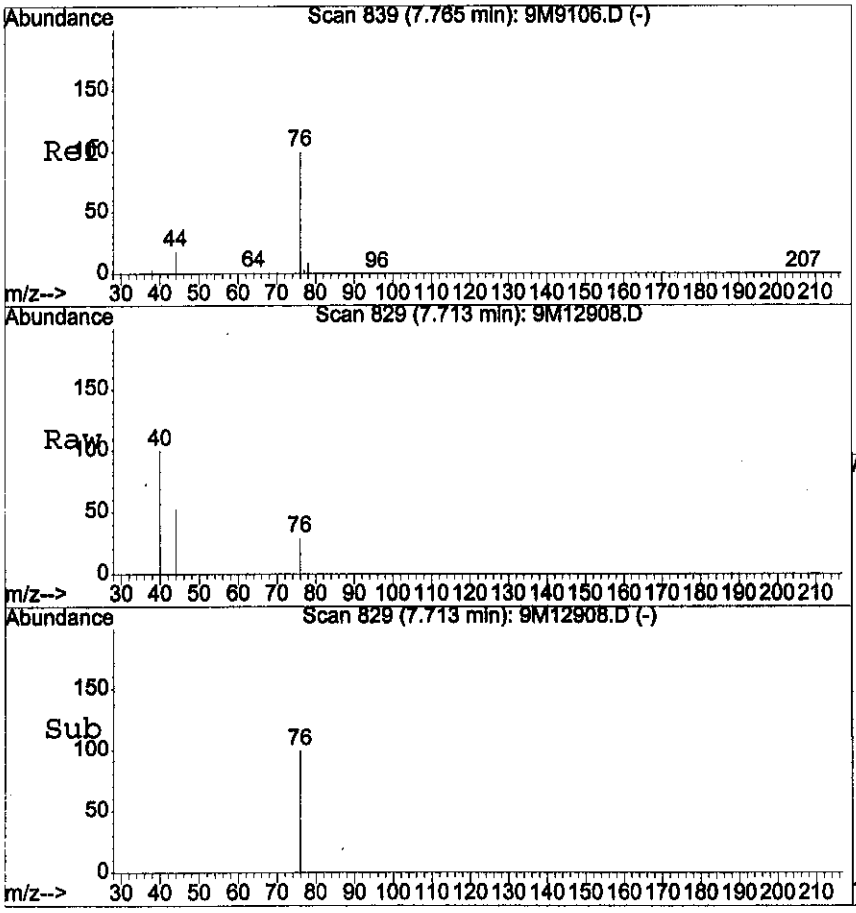


#11
Acetone
Concen: 13.99 ug/L
RT: 6.68 min Scan# 635
Delta R.T. -0.02 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 43 Resp: 2363

Ion	Ratio	Lower	Upper
43	100		
58	13.8	26.6	39.8#

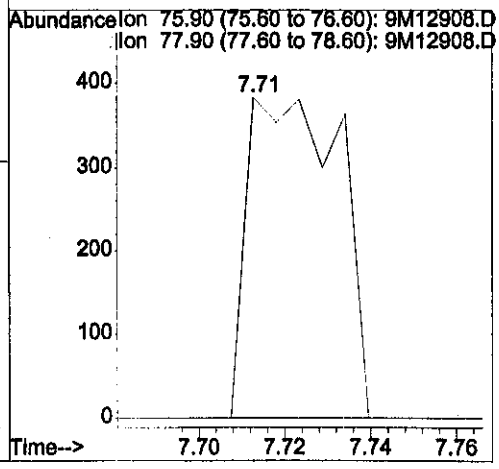


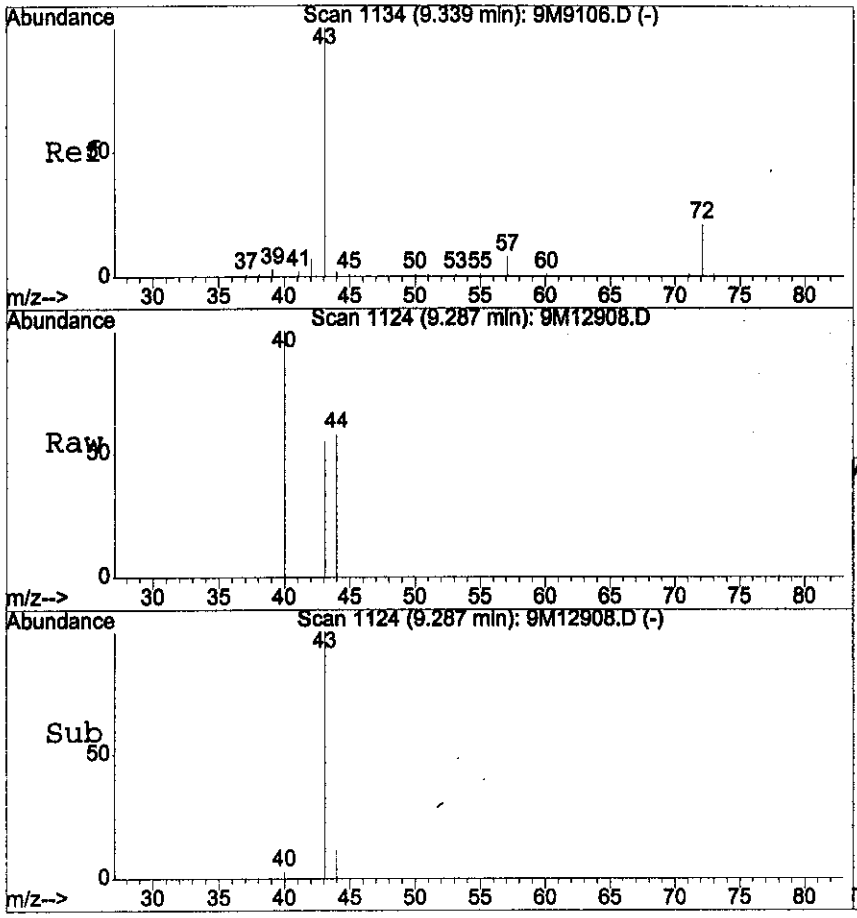


#16
Carbon Disulfide
Concen: 0.19 ug/L
RT: 7.71 min Scan# 829
Delta R.T. 0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 76 Resp: 571

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.3	10.9#

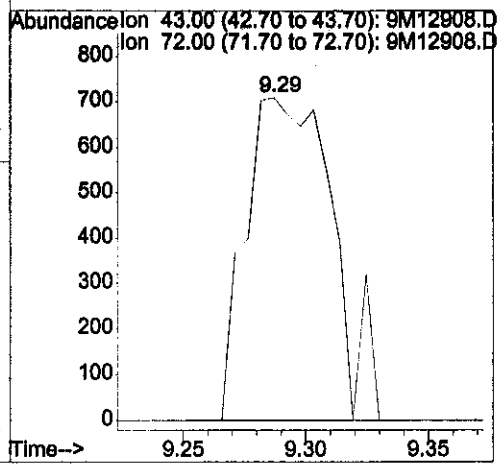


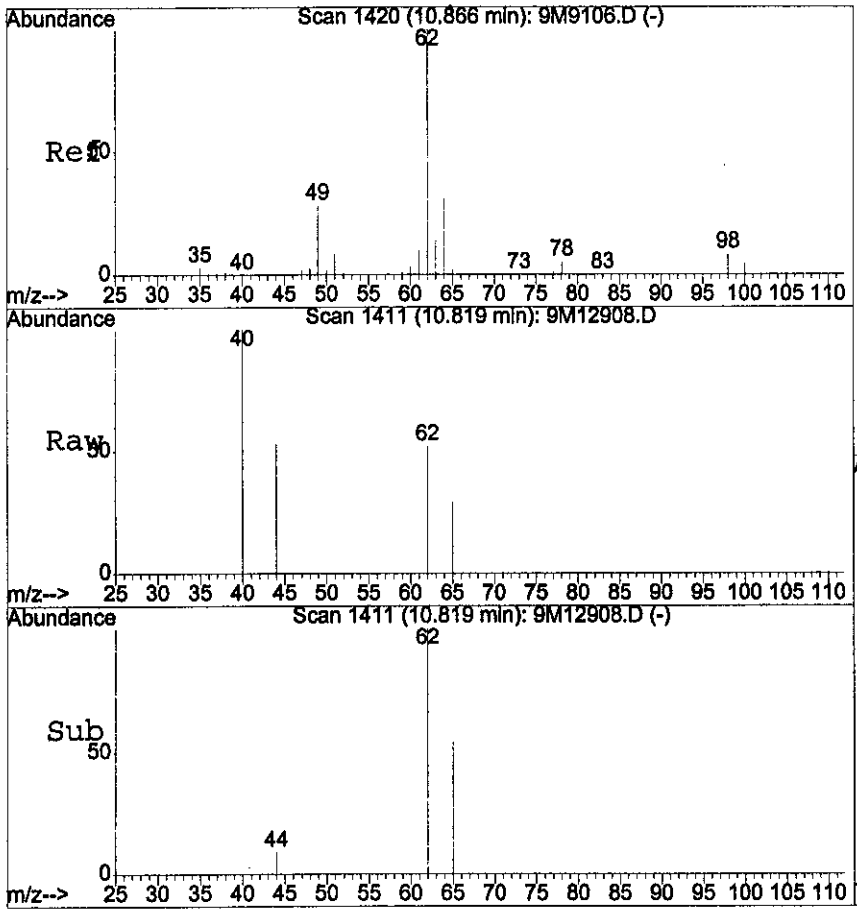


#23
2-Butanone
Concen: 8.19 ug/L
RT: 9.29 min Scan# 1124
Delta R.T. -0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 43 Resp: 1743

Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.8	26.8#

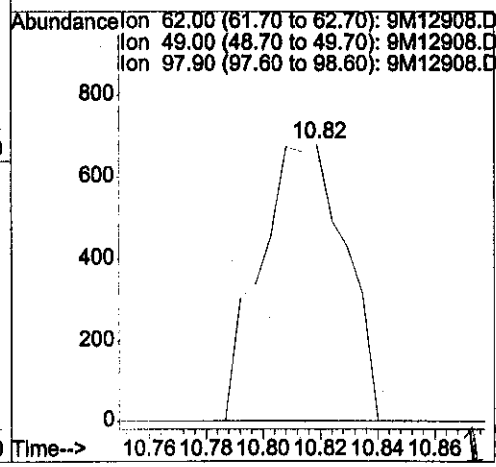




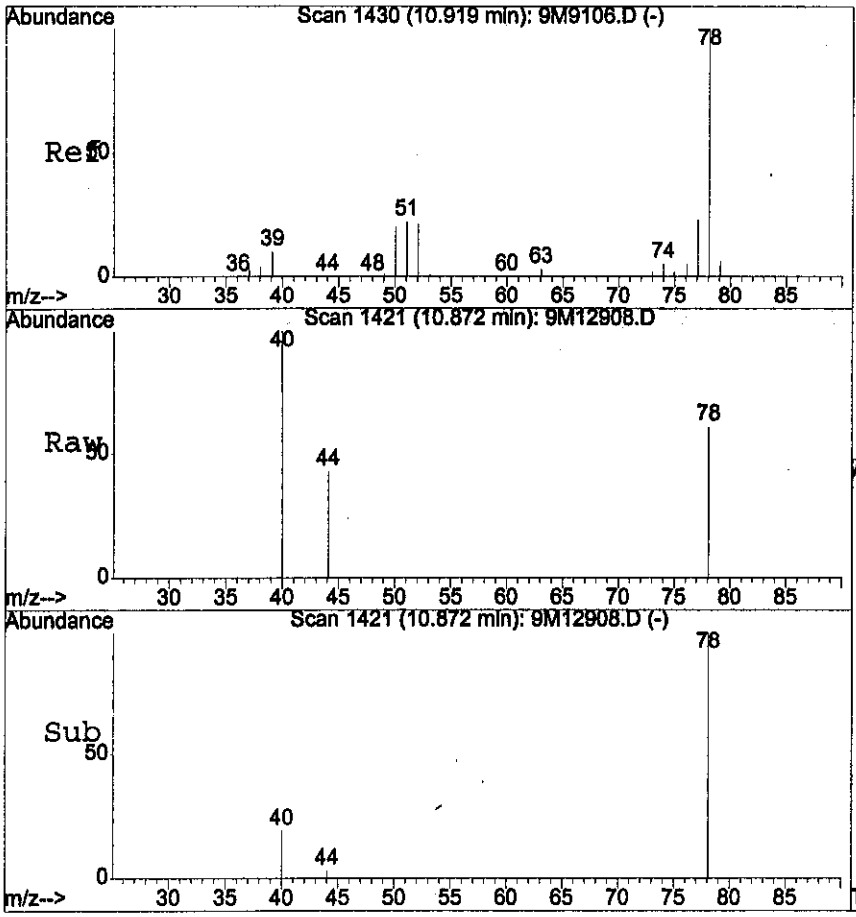
#34
1,2-Dichloroethane
Concen: 1.12 ug/L
RT: 10.82 min Scan# 1411
Delta R.T. 0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 62 Resp: 1398

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#



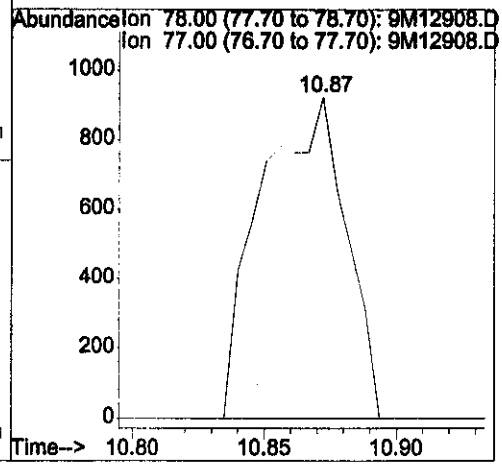
153

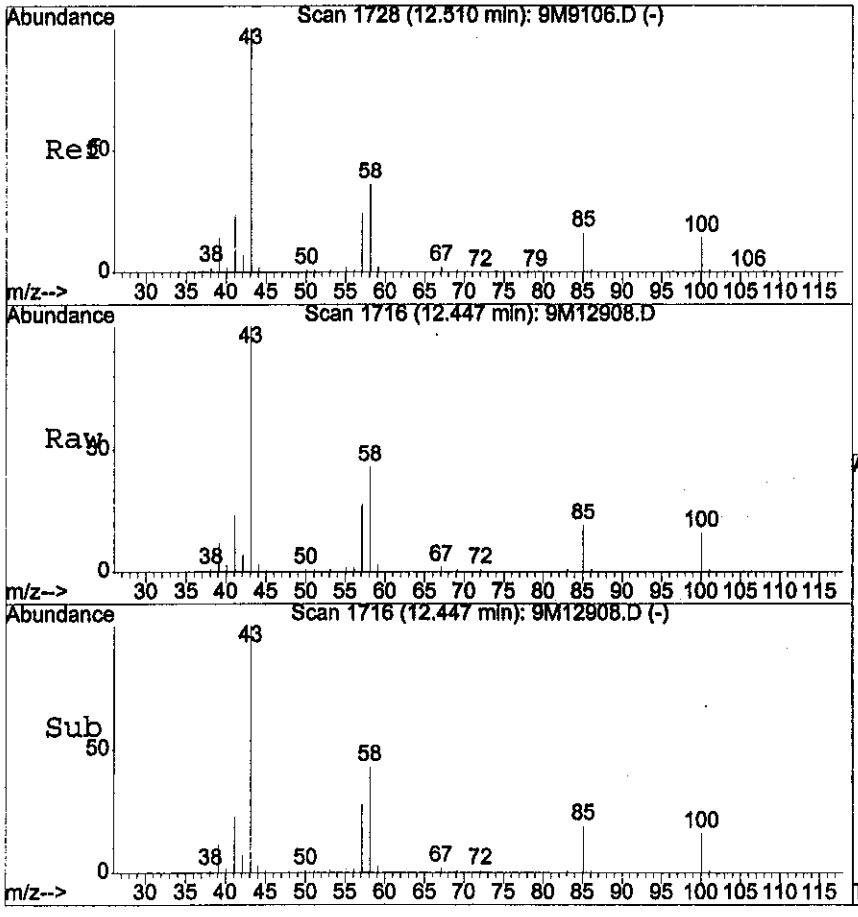


#35
Benzene
Concen: 0.55 ug/L
RT: 10.87 min Scan# 1421
Delta R.T. 0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 78 Resp: 2057

Ion	Ratio	Lower	Upper
78	100		
77	0.0	17.8	26.6#

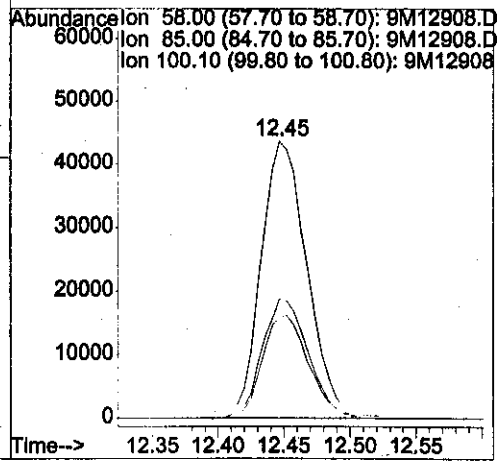


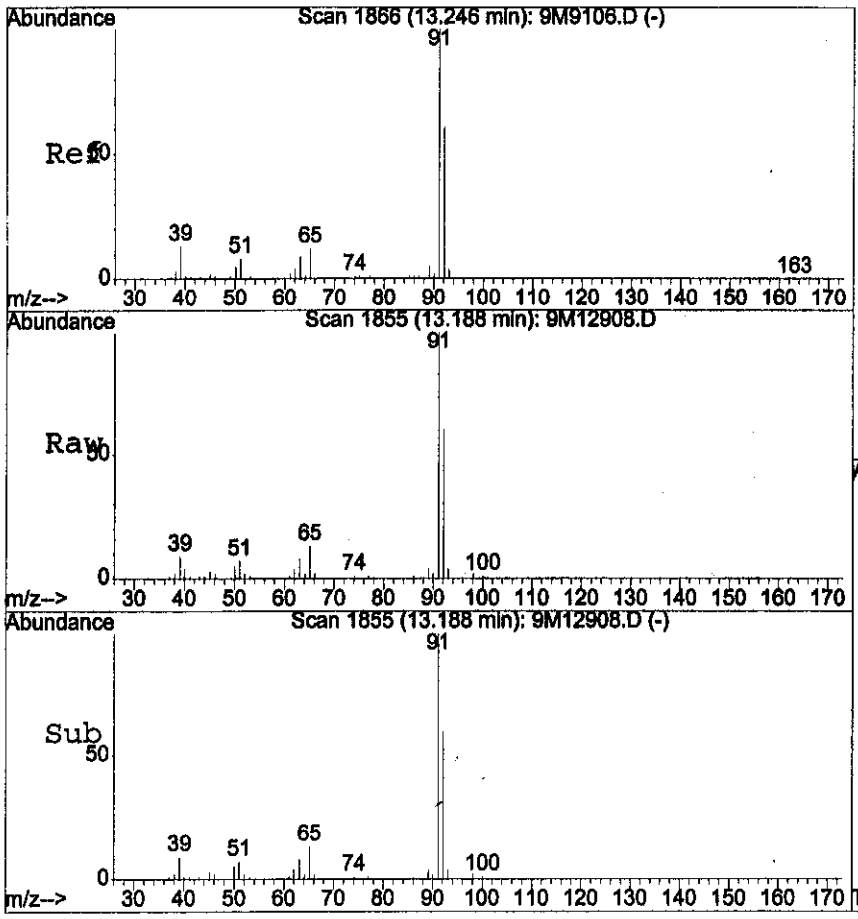


#41
4-Methyl-2-Pentanone
Concen: 481.18 ug/L
RT: 12.45 min Scan# 1716
Delta R.T. -0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 58 Resp: 105932

Ion	Ratio	Lower	Upper
58	100		
85	42.9	31.8	47.6
100	37.2	27.8	41.8

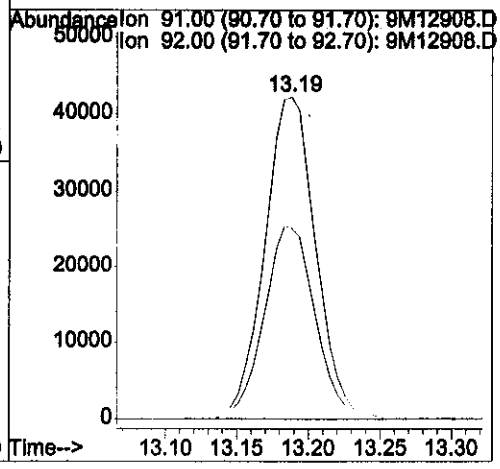


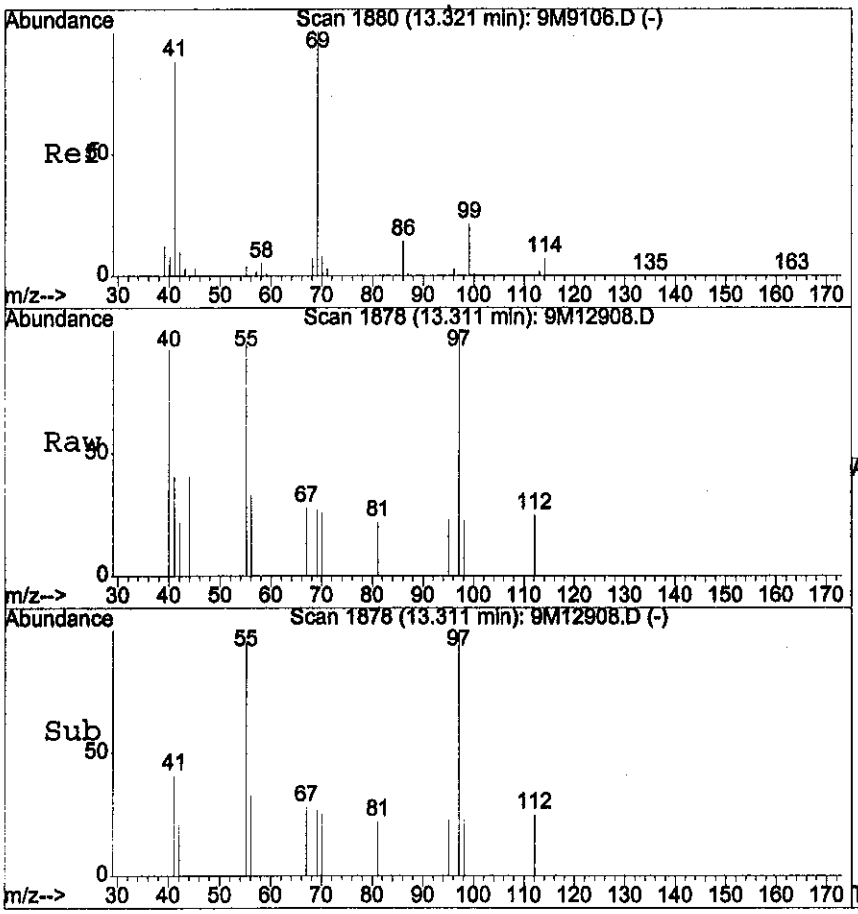


#46
Toluene
Concen: 25.98 ug/L
RT: 13.19 min Scan# 1855
Delta R.T. 0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 91 Resp: 104132

Ion	Ratio	Lower	Upper
91	100		
92	59.5	48.7	73.1

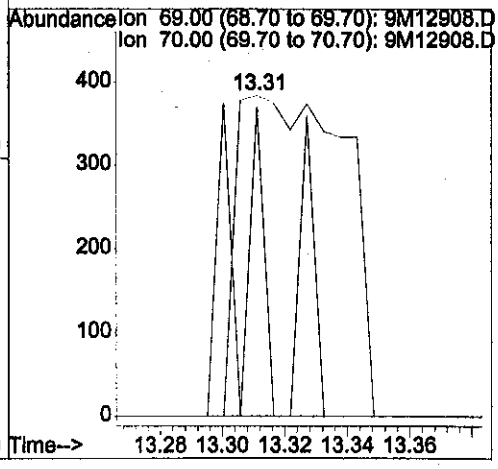


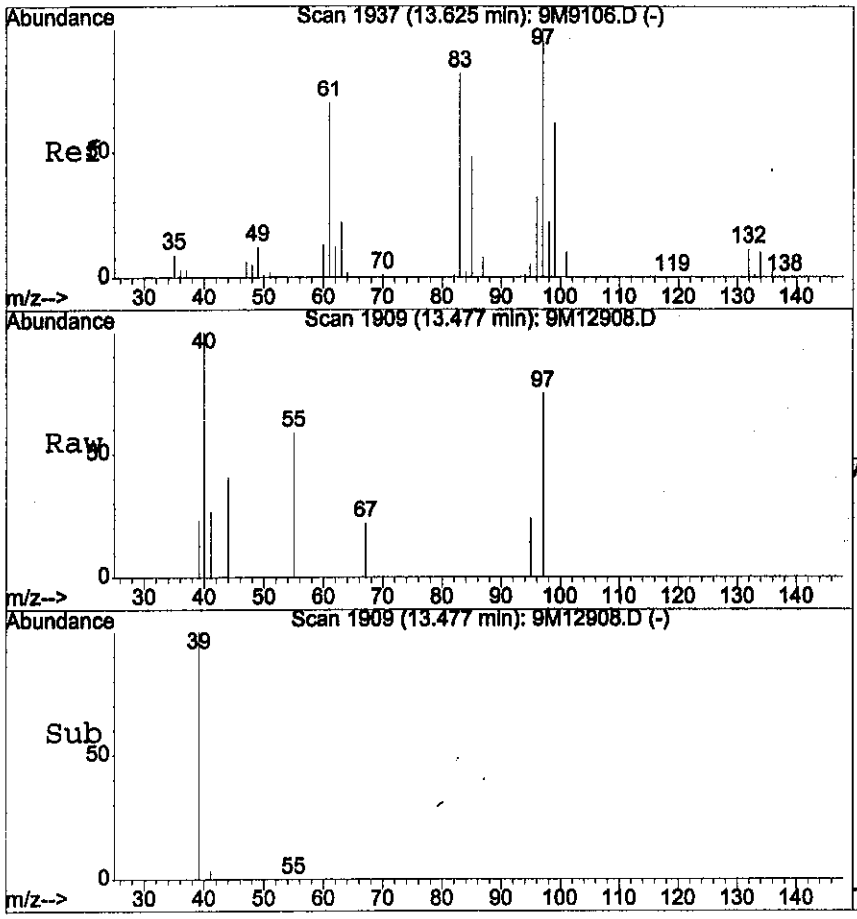


#47
Ethyl Methacrylate
Concen: 1.06 ug/L
RT: 13.31 min Scan# 1878
Delta R.T. 0.04 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 69 Resp: 917

Ion	Ratio	Lower	Upper
69	100		
70	26.1	6.4	9.6#

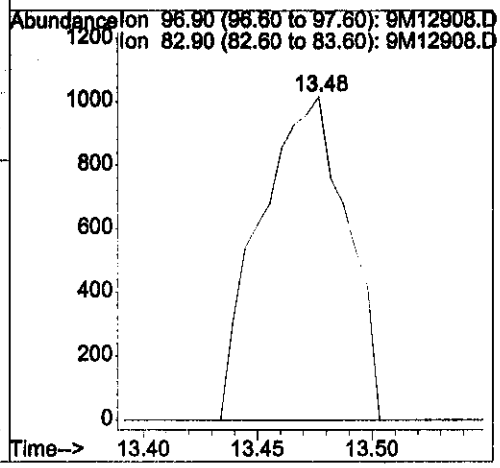


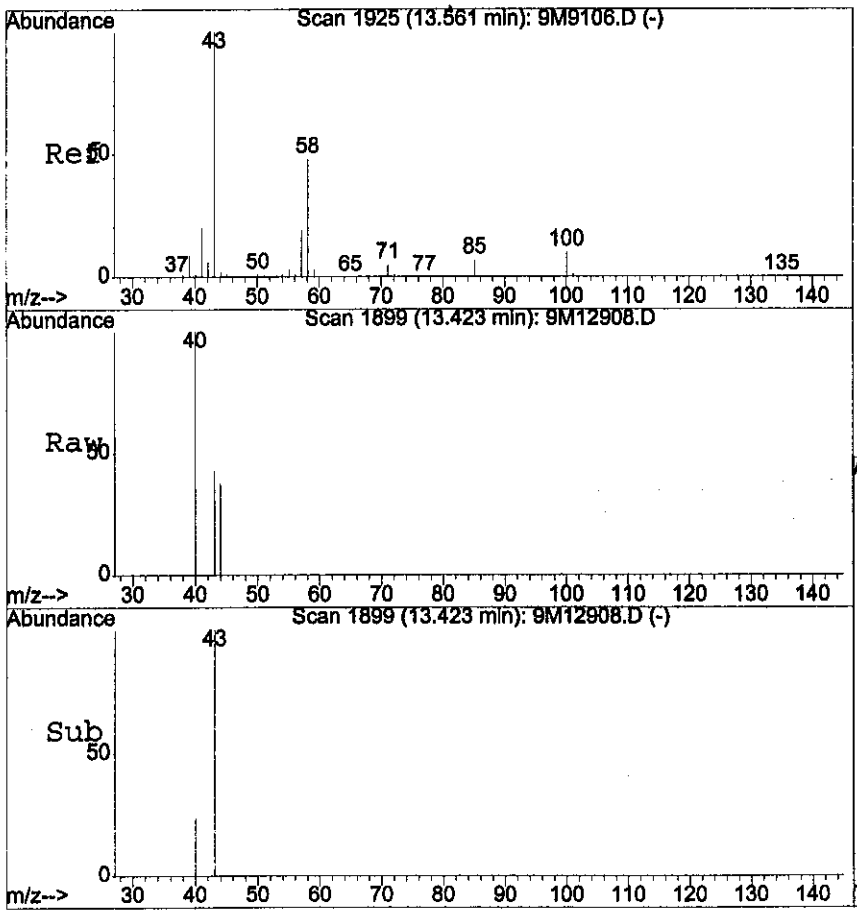


#49
1,1,2-Trichloroethane
Concen: 3.49 ug/L
RT: 13.48 min Scan# 1909
Delta R.T. -0.09 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 97 Resp: 2656

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.3	100.9#

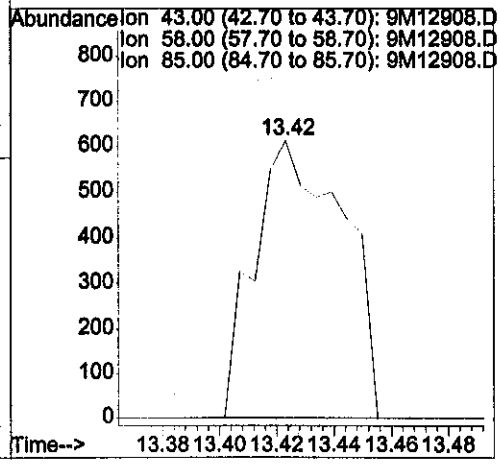


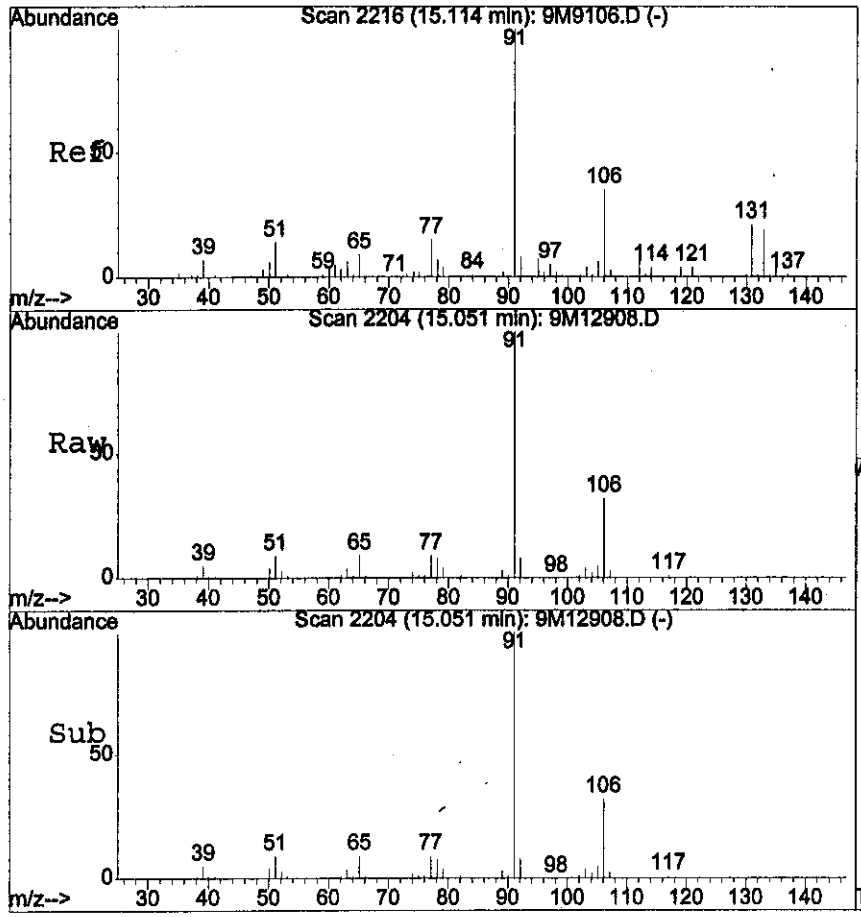


#50
2-Hexanone
Concen: 3.96 ug/L
RT: 13.42 min Scan# 1899
Delta R.T. -0.08 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 43 Resp: 1329

Ion	Ratio	Lower	Upper
43	100		
58	0.0	43.6	65.4#
85	0.0	5.4	8.2#

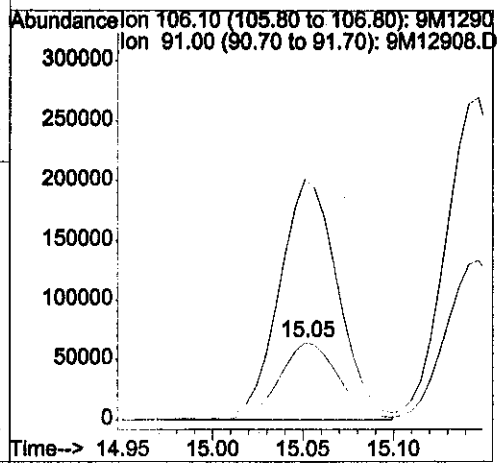


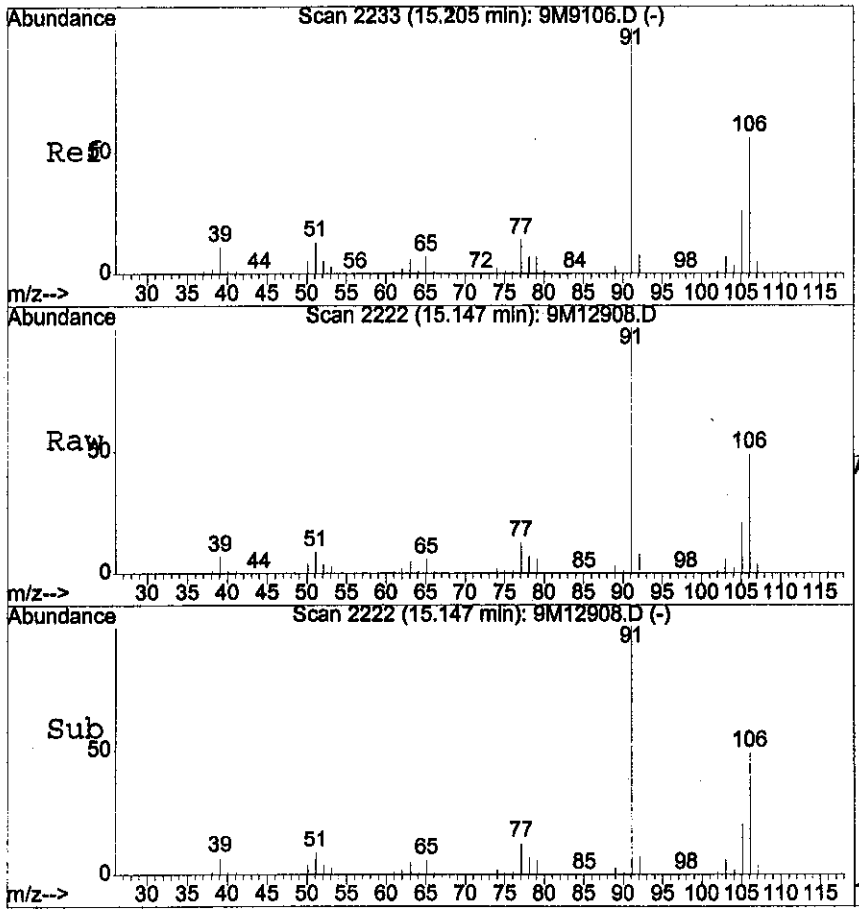


#58
Ethylbenzene
Concen: 92.83 ug/L
RT: 15.05 min Scan# 2204
Delta R.T. -0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:106 Resp: 143514

Ion	Ratio	Lower	Upper
106	100		
91	314.5	252.8	379.2

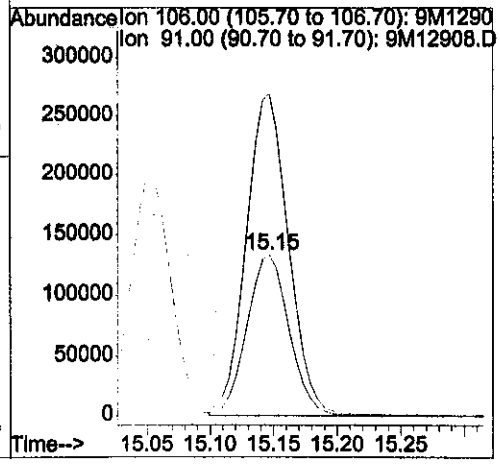


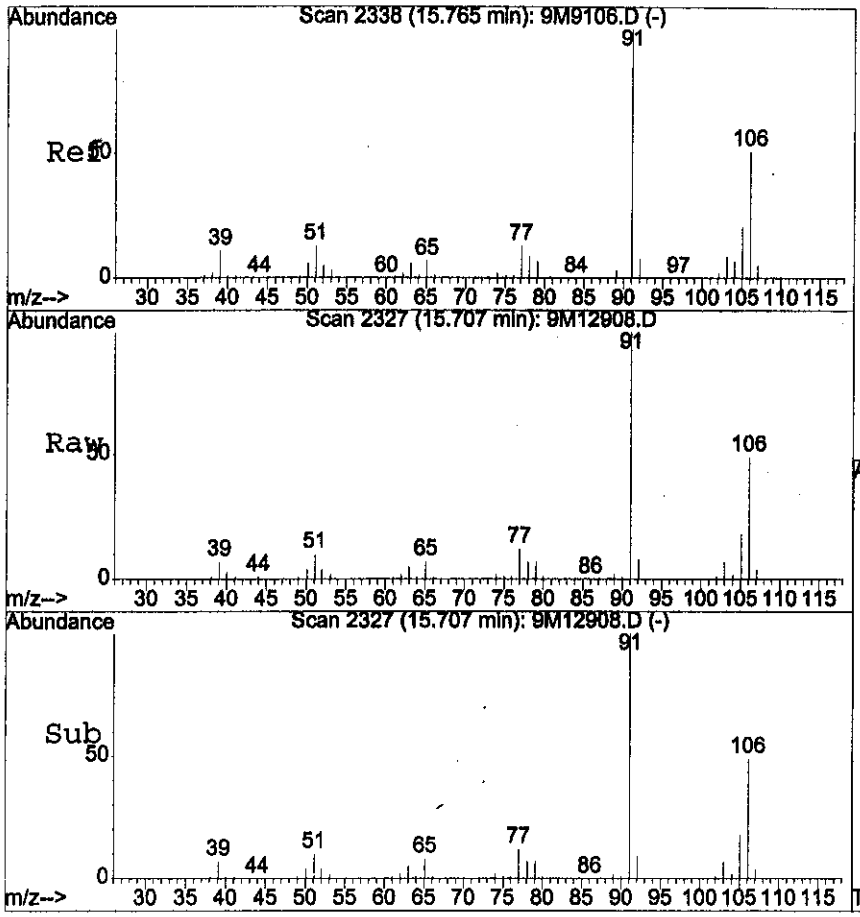


#59
m-,p-Xylene
Concen: 145.54 ug/L
RT: 15.15 min Scan# 2222
Delta R.T. 0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:106 Resp: 308818

Ion	Ratio	Lower	Upper
106	100		
91	200.8	158.8	238.2

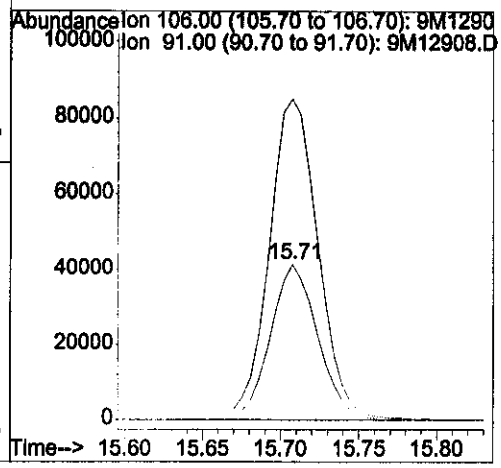


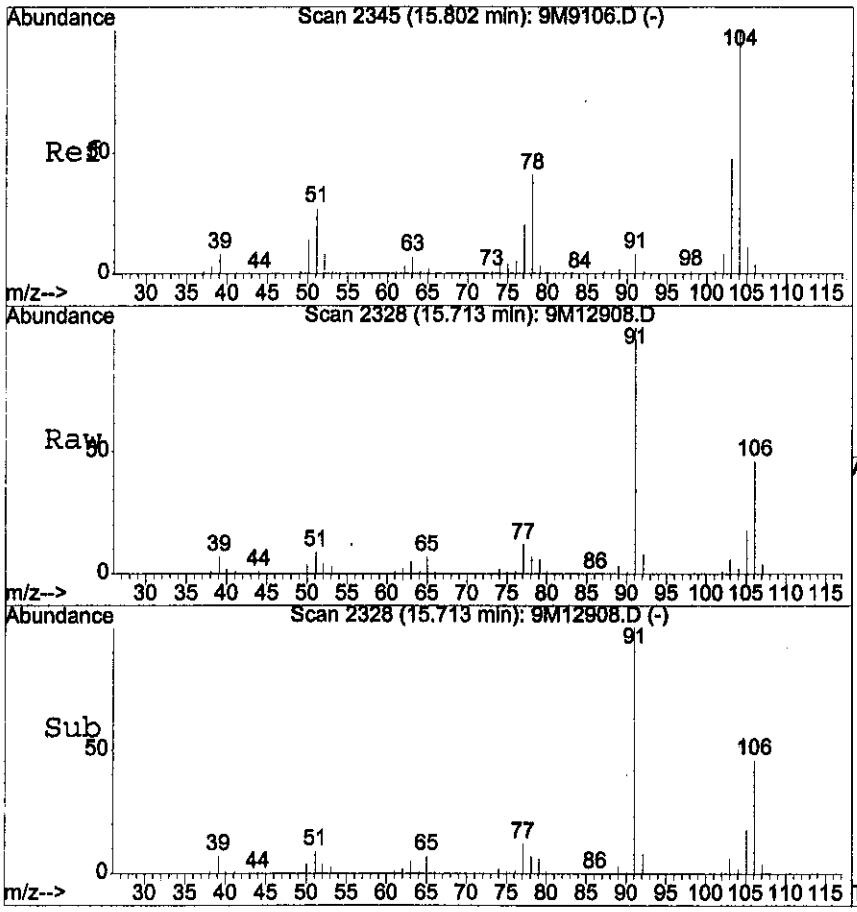


#60
o-Xylene
Concen: 40.21 ug/L
RT: 15.71 min Scan# 2327
Delta R.T. 0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:106 Resp: 87014

Ion	Ratio	Lower	Upper
106	100		
91	213.0	169.6	254.4

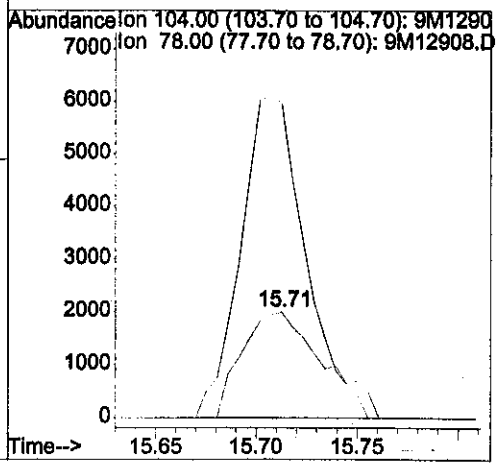


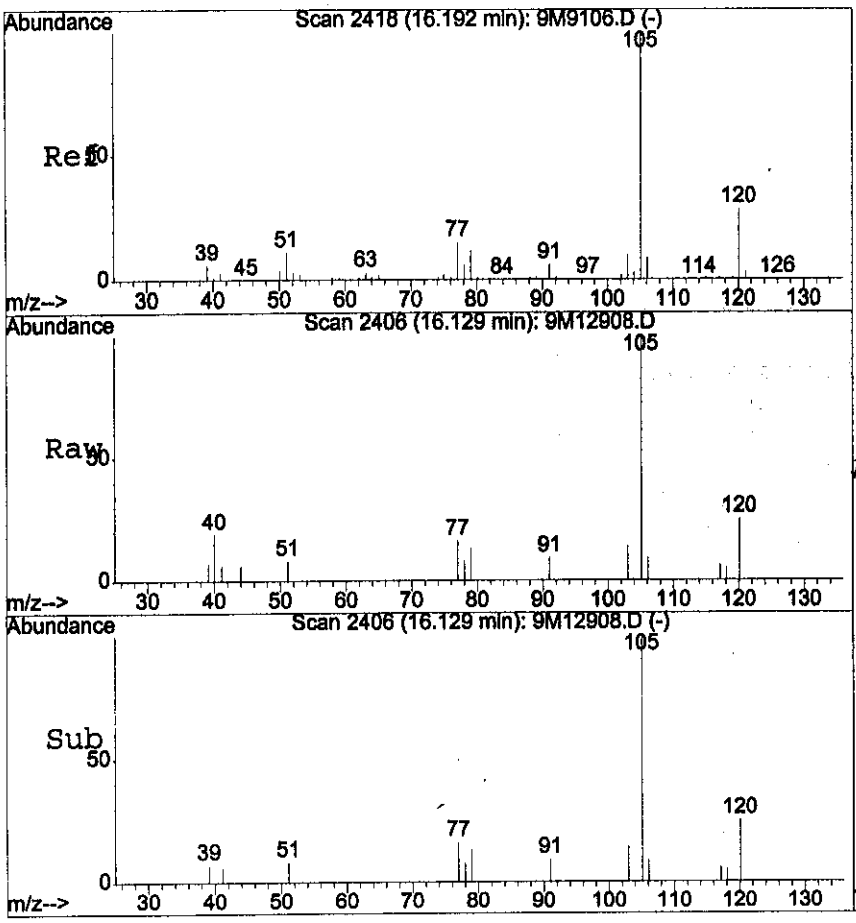


#61
Styrene
Concen: 1.49 ug/L
RT: 15.71 min Scan# 2328
Delta R.T. -0.03 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:104 Resp: 5572

Ion	Ratio	Lower	Upper
104	100		
78	241.6	40.2	60.4#

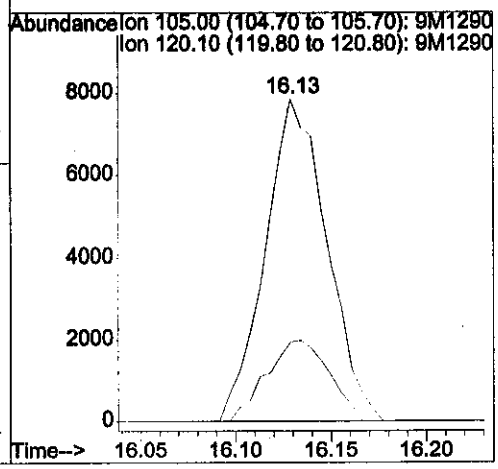


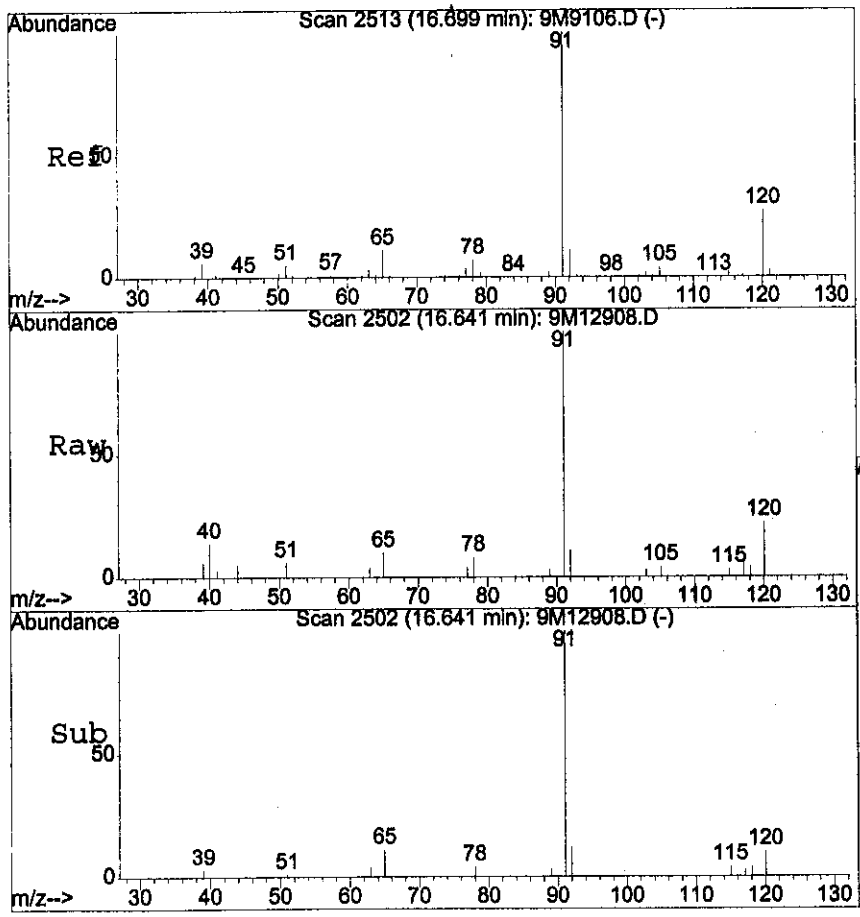


#63
Isopropylbenzene
Concen: 3.06 ug/L
RT: 16.13 min Scan# 2406
Delta R.T. -0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:105 Resp: 17588

Ion	Ratio	Lower	Upper
105	100		
120	0.0	21.0	31.4#

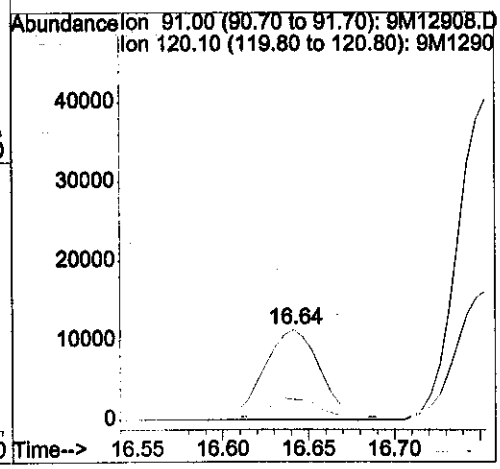


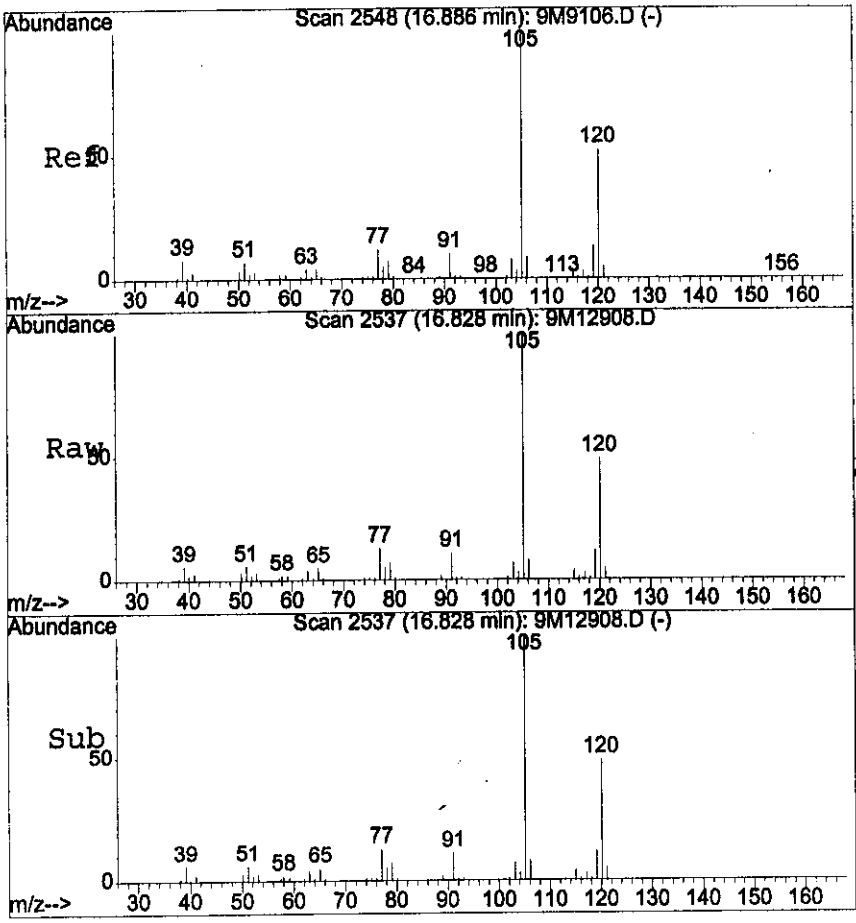


#69
n-Propylbenzene
Concen: 3.91 ug/L
RT: 16.64 min Scan# 2502
Delta R.T. -0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 91 Resp: 25935

Ion	Ratio	Lower	Upper
91	100		
120	22.0	18.3	27.5

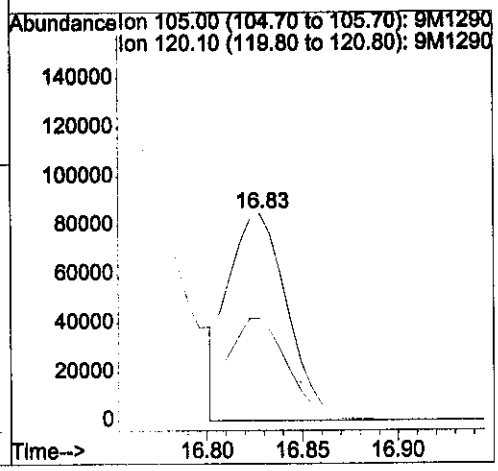


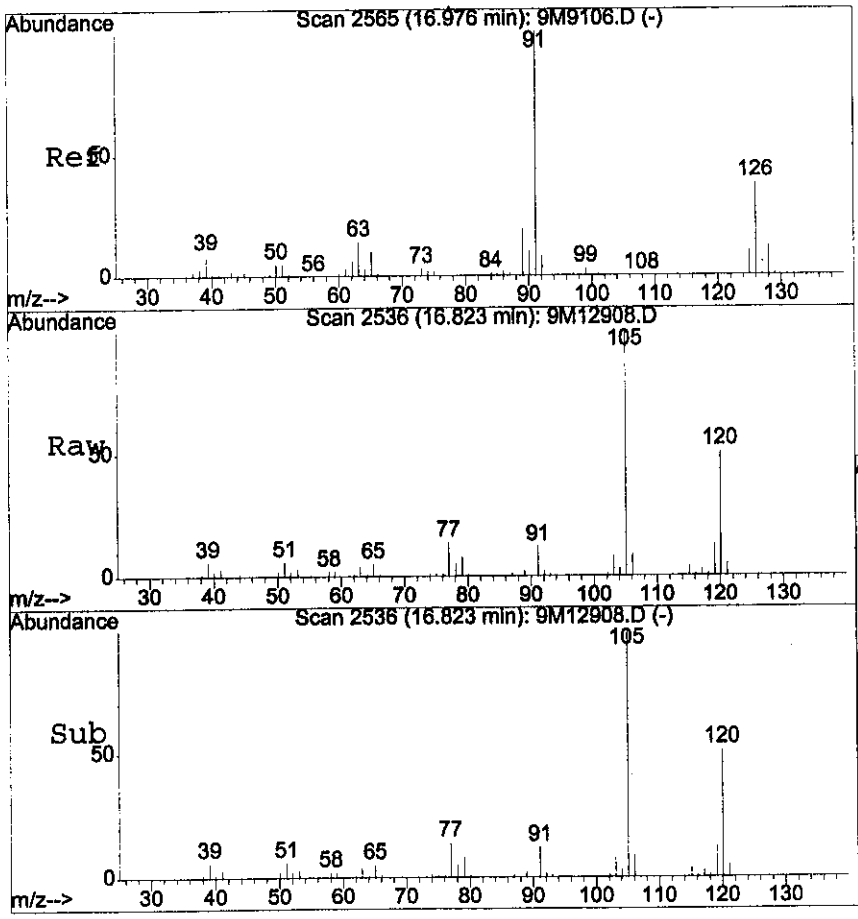


#71
1,3,5-Trimethylbenzene
Concen: 38.81 ug/L
RT: 16.83 min Scan# 2537
Delta R.T. -0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:105 Resp: 183009

Ion	Ratio	Lower	Upper
105	100		
120	51.6	38.9	58.3

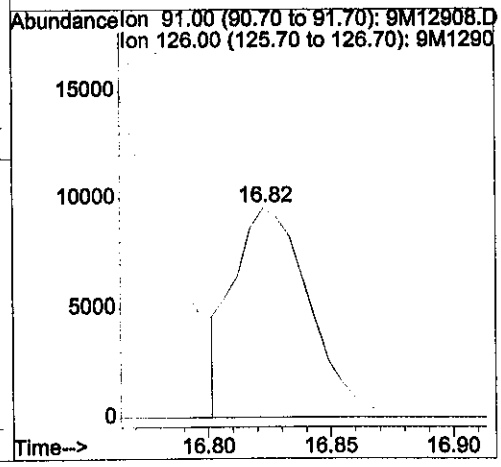


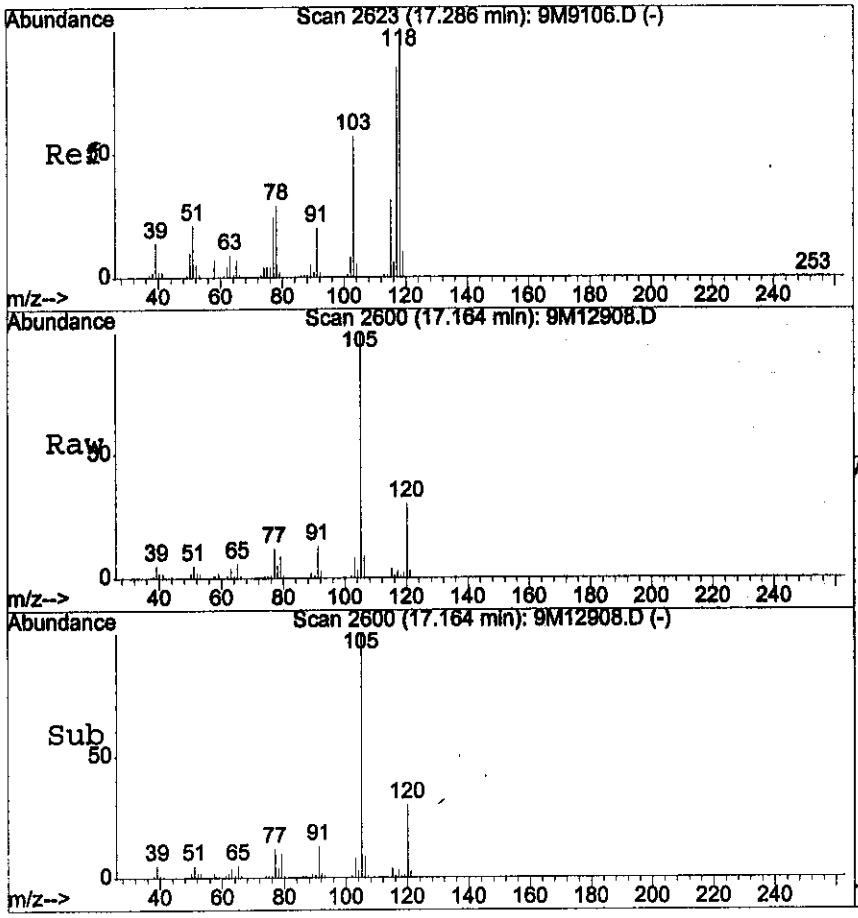


#72
2-Chlorotoluene
Concen: 5.90 ug/L
RT: 16.82 min Scan# 2536
Delta R.T. -0.09 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 91 Resp: 20361

Ion	Ratio	Lower	Upper
91	100		
126	0.0	28.1	42.1#

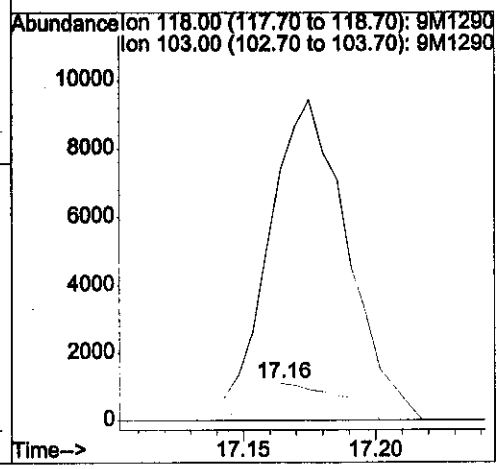


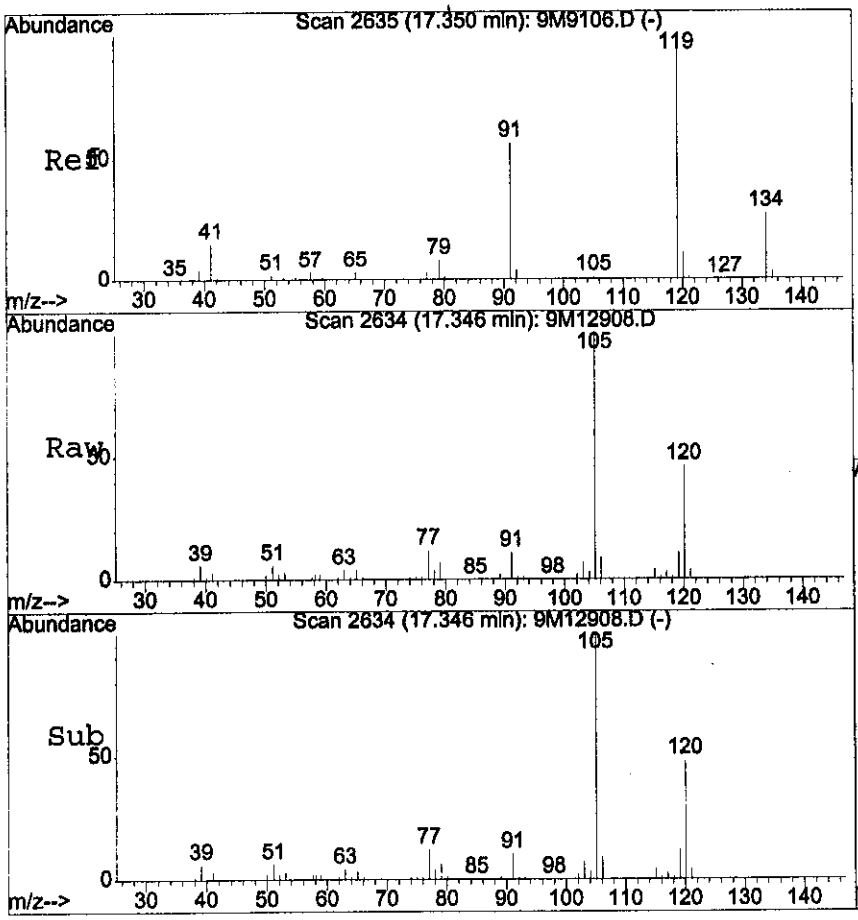


#74
a-Methylstyrene
Concen: 1.12 ug/L
RT: 17.16 min Scan# 2600
Delta R.T. -0.06 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:118 Resp: 2443

Ion	Ratio	Lower	Upper
118	100		
103	802.7	44.9	67.3#

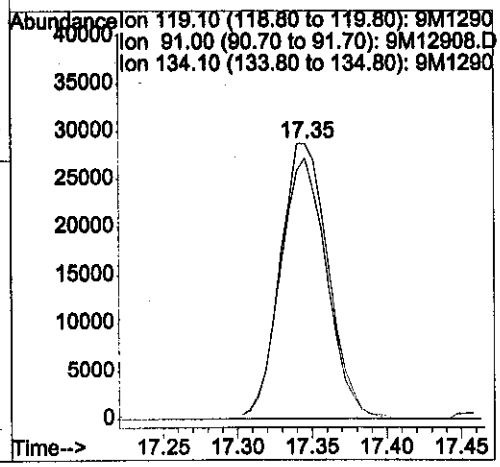


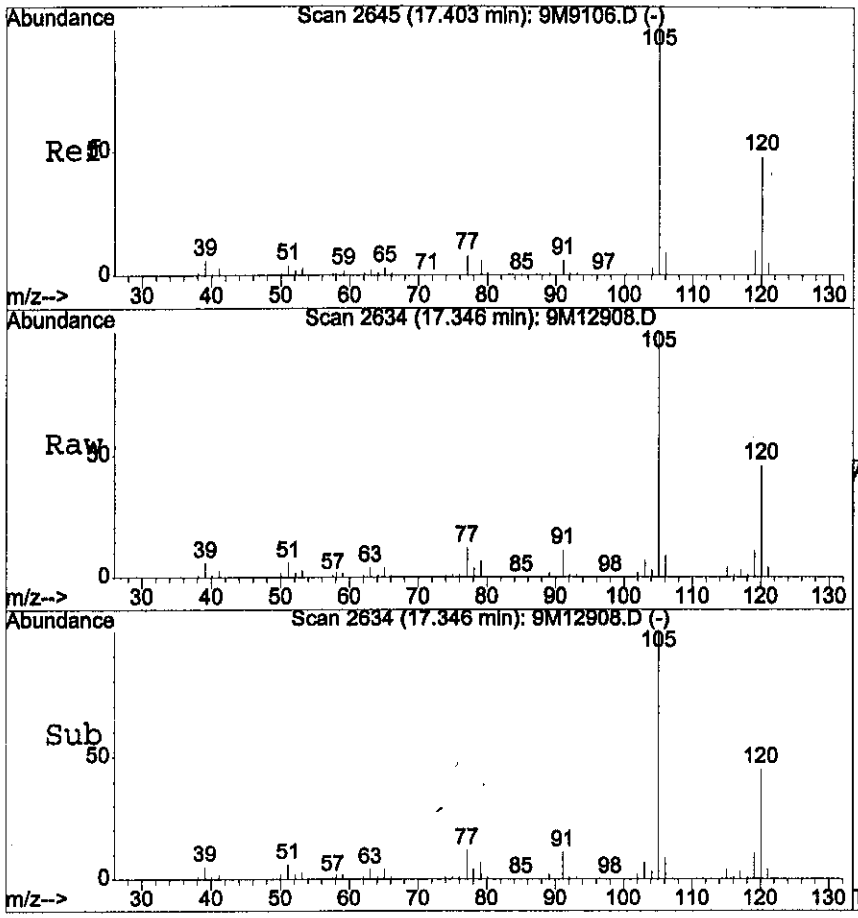


#75
tert-Butylbenzene
Concen: 18.11 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. 0.05 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:119 Resp: 64031

Ion	Ratio	Lower	Upper
119	100		
91	92.1	48.6	73.0#
134	0.0	21.0	31.4#

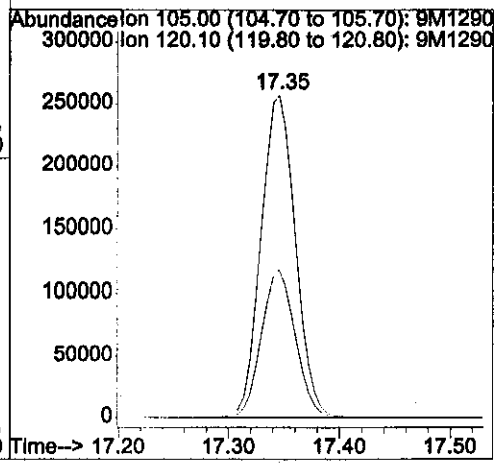


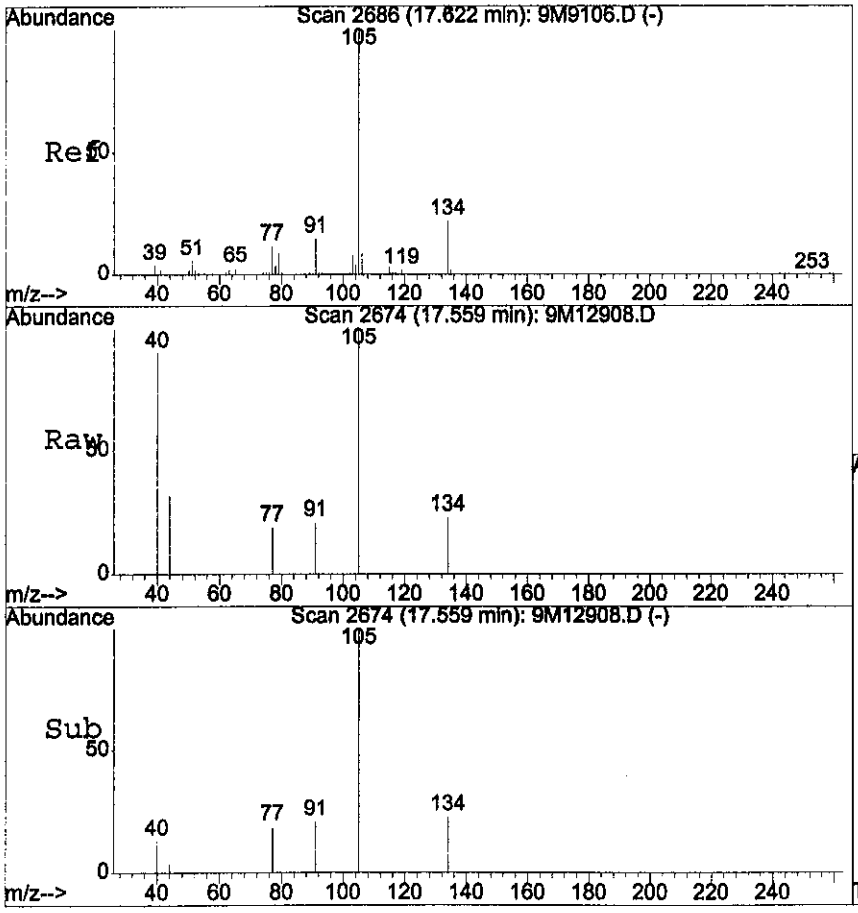


#76
1,2,4-Trimethylbenzene
Concen: 134.81 ug/L
RT: 17.35 min Scan# 2634
Delta R.T. -0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:105 Resp: 556153

Ion	Ratio	Lower	Upper
105	100		
120	45.7	36.6	55.0

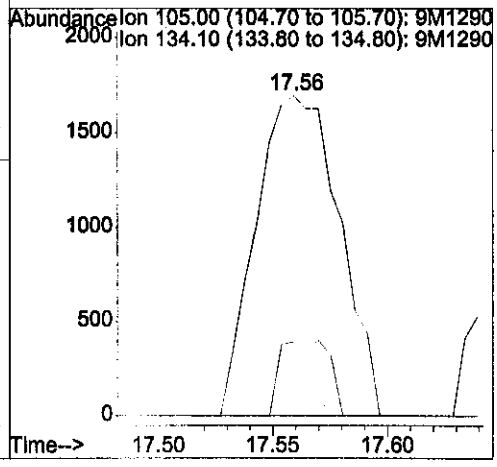


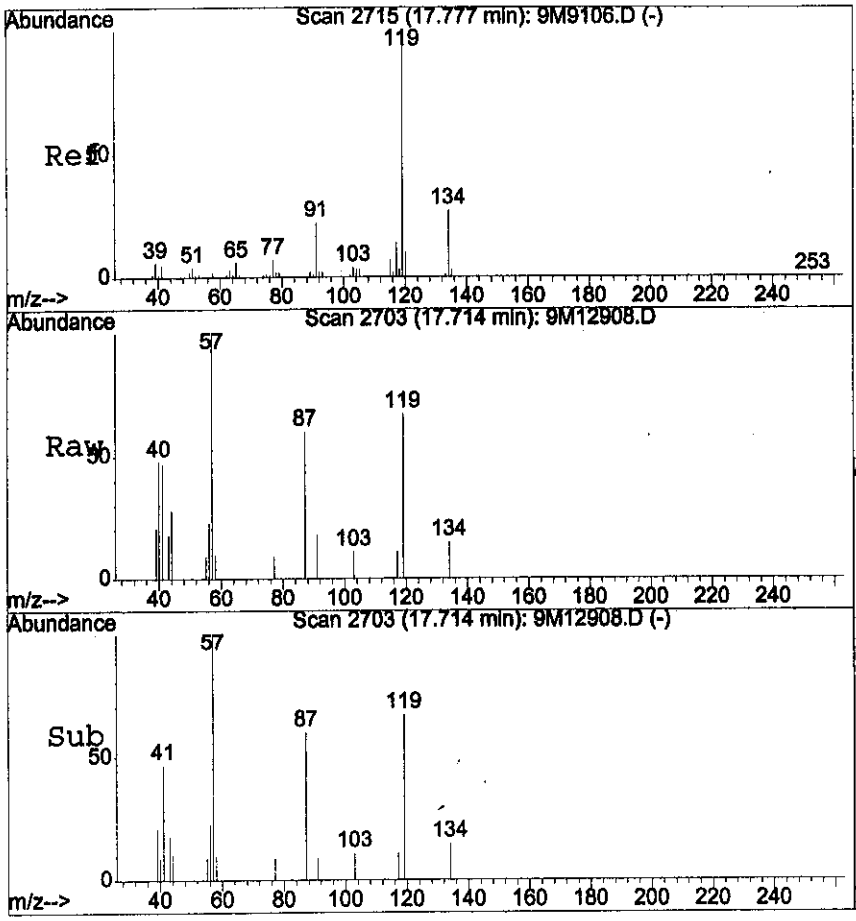


#77
sec-Butylbenzene
Concen: 0.86 ug/L
RT: 17.56 min Scan# 2674
Delta R.T. -0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:105 Resp: 4283

Ion	Ratio	Lower	Upper
105	100		
134	13.8	15.8	23.8#

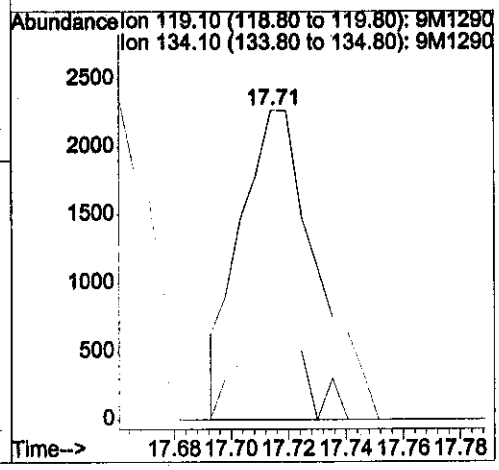


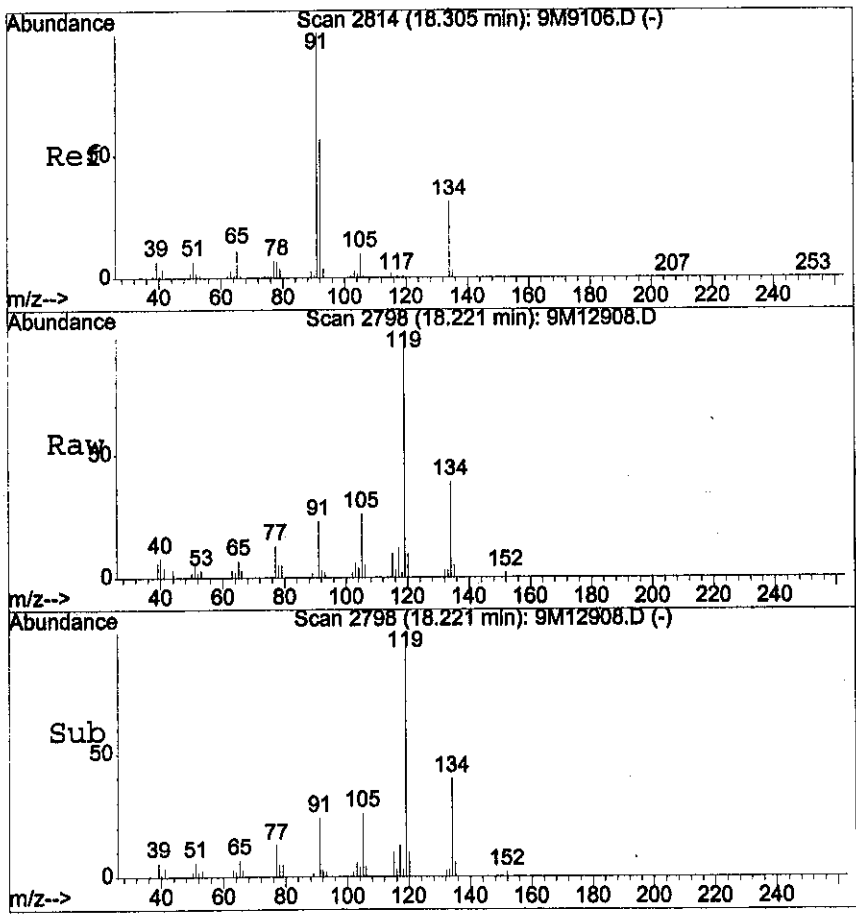


#78
p-Isopropyltoluene
Concen: 0.81 ug/L
RT: 17.71 min Scan# 2703
Delta R.T. -0.01 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:119 Resp: 4179

Ion	Ratio	Lower	Upper
119	100		
134	23.3	21.4	32.0

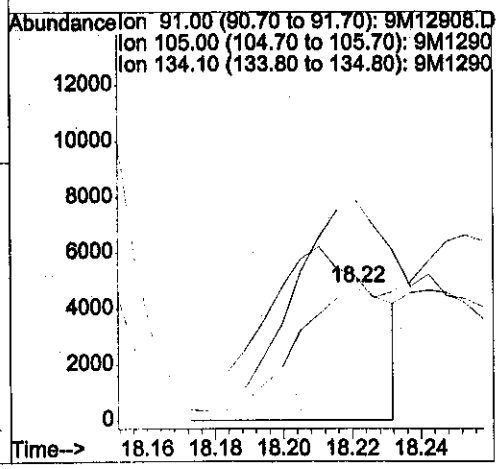


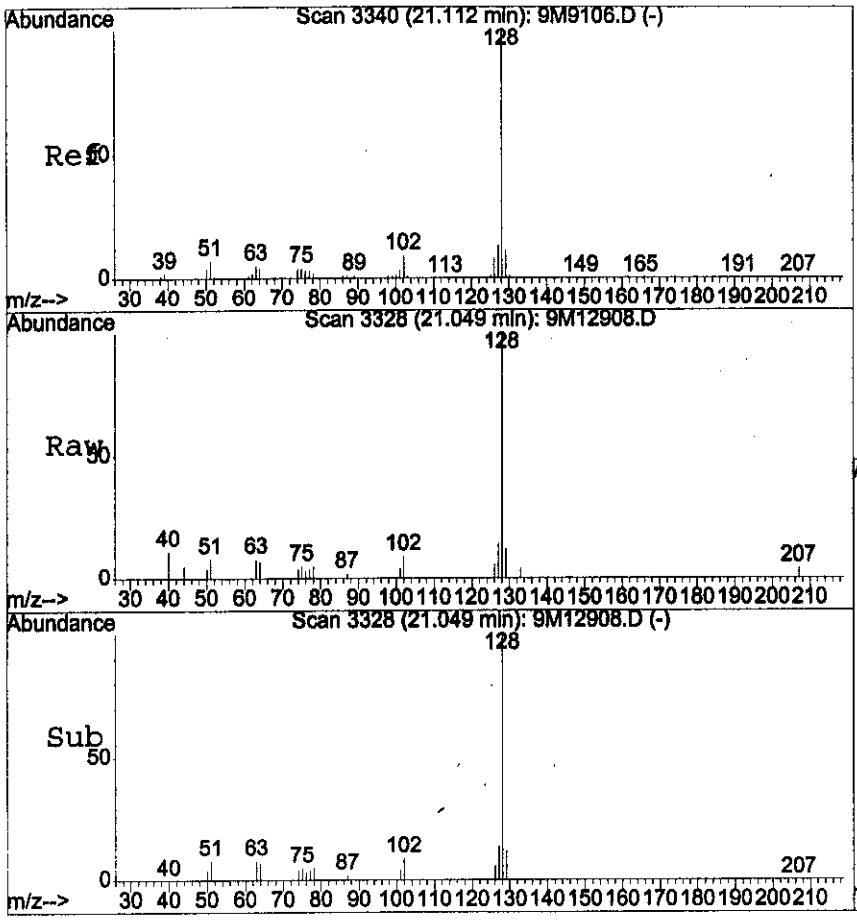


#81
n-Butylbenzene
Concen: 2.42 ug/L
RT: 18.22 min Scan# 2798
Delta R.T. -0.03 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion: 91 Resp: 9265

Ion	Ratio	Lower	Upper
91	100		
105	140.4	6.7	10.1#
134	271.1	21.0	31.6#

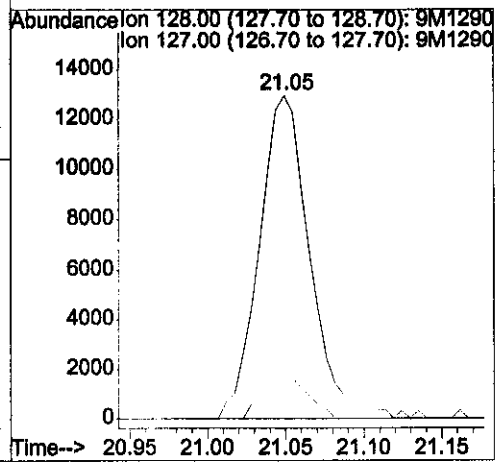




#86
Naphthalene
Concen: 12.44 ug/L
RT: 21.05 min Scan# 3328
Delta R.T. 0.00 min
Lab File: 9M12908.D
Acq: 17 Oct 2000 12:41

Tgt Ion:128 Resp: 29022

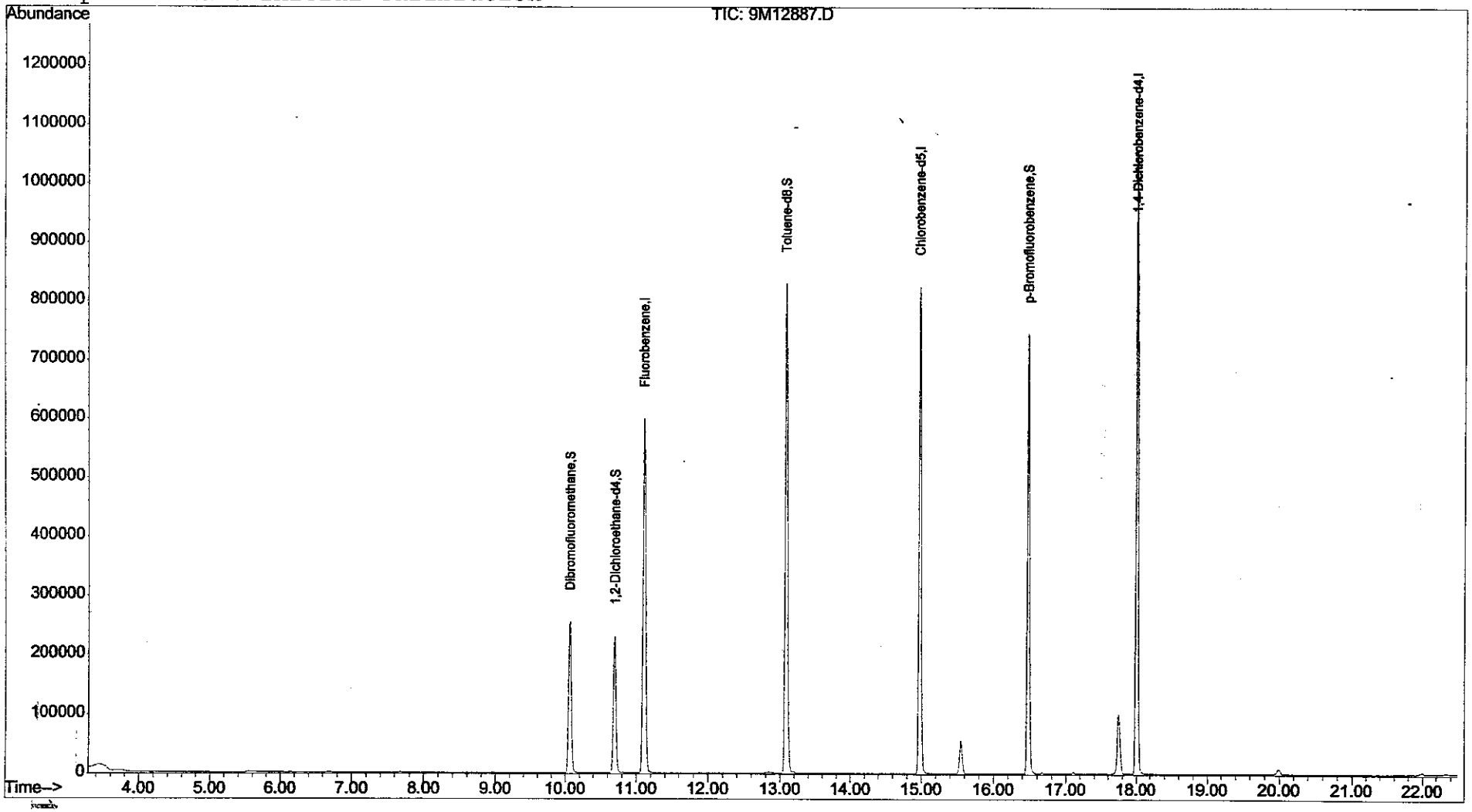
Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.8	14.6



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12887.D Vial: 12
Acq On : 16 Oct 2000 20:22 Operator: RSS
Sample : L0010212-06 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 20:44 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12887.D Vial: 12
Acq On : 16 Oct 2000 20:22 Operator: RSS
Sample : L0010212-06 ITCORPOH-398 826-SPE-VO Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 20:44 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

@10/19

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	724896	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	583155	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	359329	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	217071	26.24	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 104.96%			
33) 1,2-Dichloroethane-d4	10.70	65	222184	27.36	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.44%			
45) Toluene-d8	13.09	98	736947	25.55	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 102.20%			
66) p-Bromofluorobenzene	16.48	95	316039	26.01	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 104.04%			

Target Compounds Qvalue

JLT

(#) = qualifier out of range (m) = manual integration
9M12887.D 8260WT.M Mon Oct 16 20:45:04 2000 HPMS_9 Page 166

2.1.1.3 Standards Data

Calibration Table Report

Method: 8260WT.M

Title: Method 8260B Water Analysis 010/06/2000 - HPMS 9

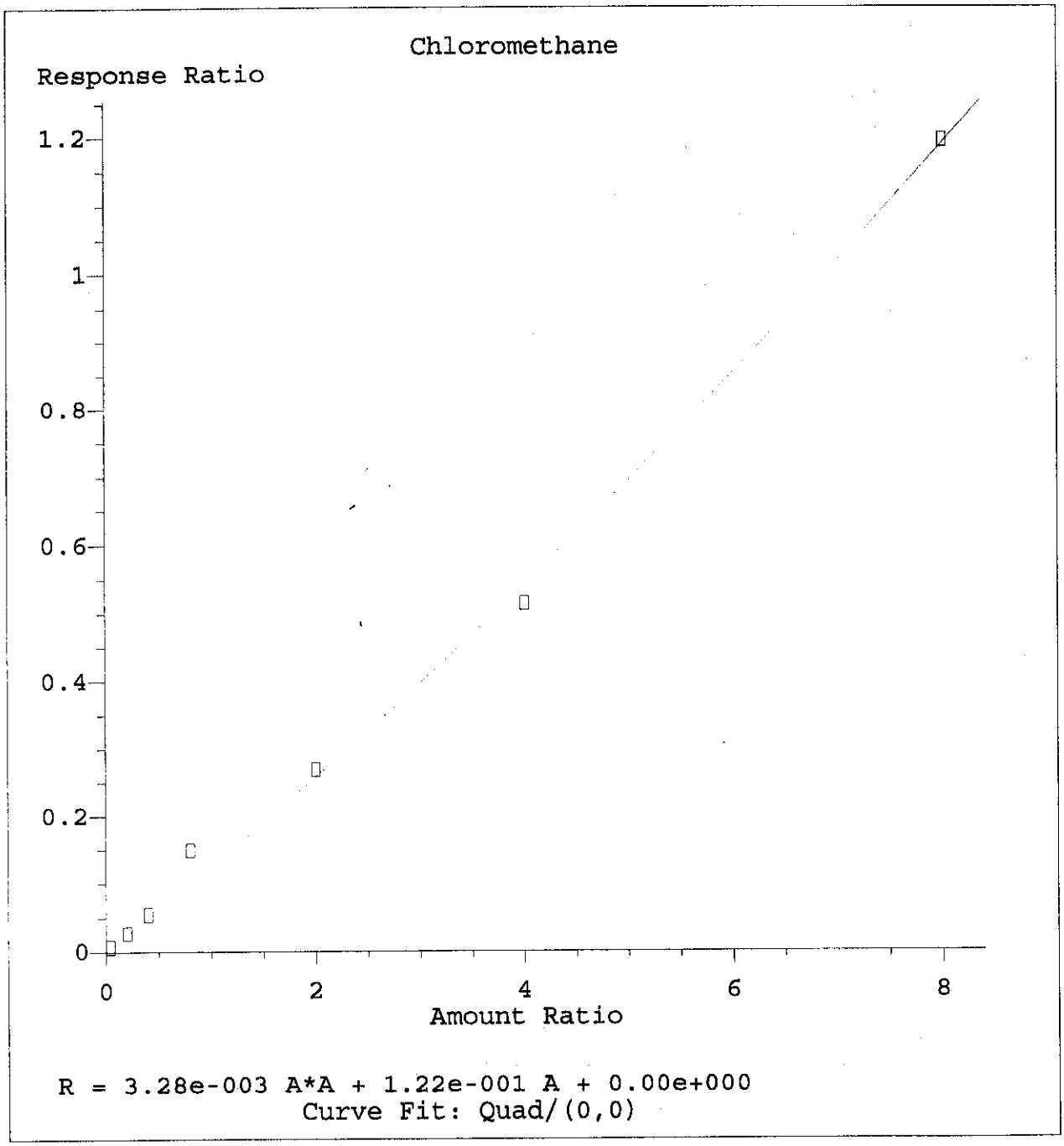
Last Calibration: Fri Oct 06 21:42:55 2000

Calibration Files

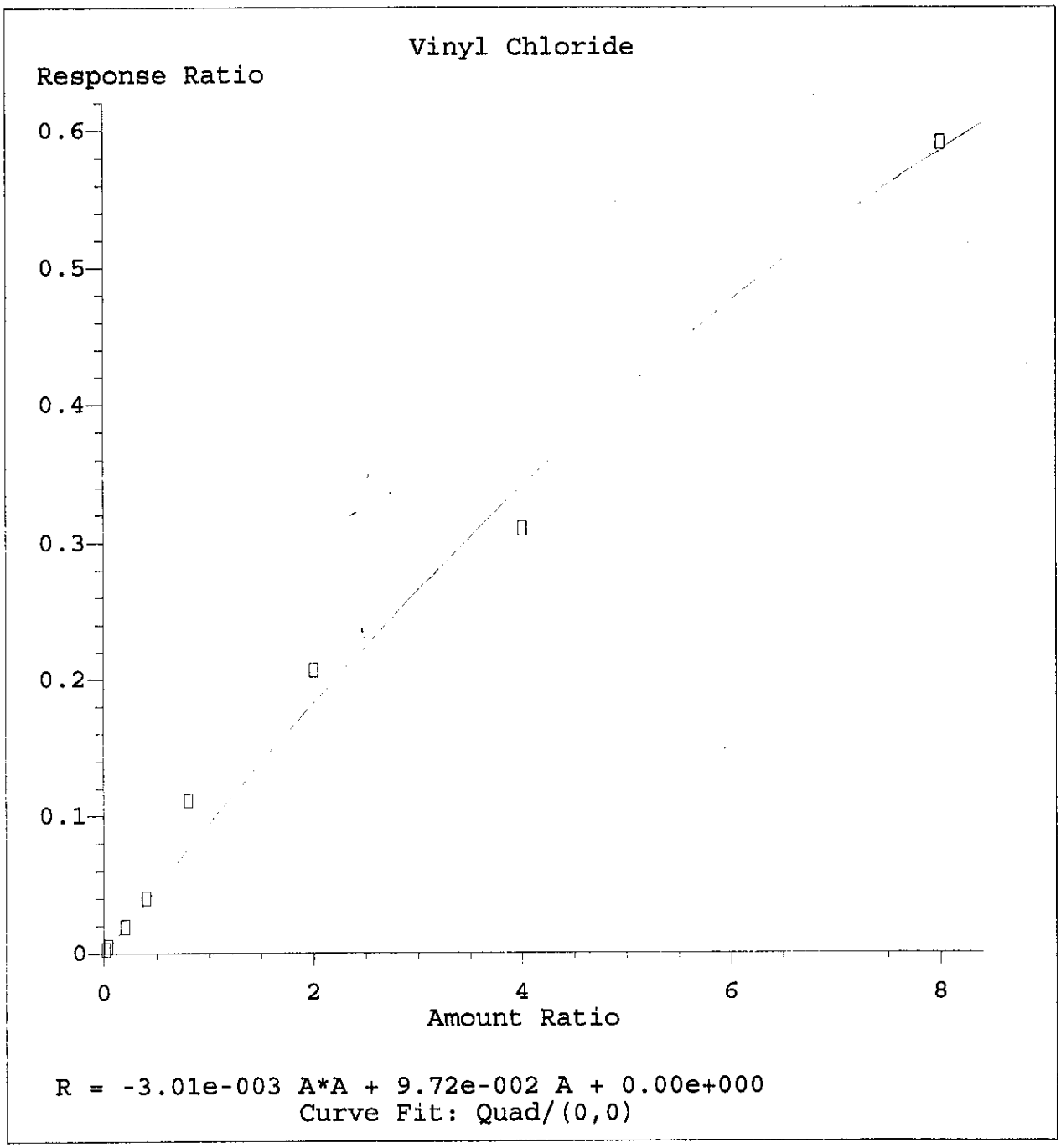
Compound	0.5	1	5	10	20	200	50	100	Avg	%RSD	
	9M12675.D	9M12676.D	9M12666.D	9M12669.D	9M12668.D	9M12672.D	9M12670.D	9M12671.D			
Fluorobenzene	ISTD										
Dichlorodifluoromethane		0.335	0.289	0.296	0.315	0.268	0.288	0.268	0.294	8.259	
Chloromethane		0.178	0.136	0.137	0.187	0.149	0.134	0.129	0.150	15.330	QR,F
Vinyl Chloride	0.151	0.135	0.097	0.100	0.139	0.074	0.103	0.077	0.110	26.323	QR,F
Bromomethane		0.134	0.087	0.084	0.133	0.109	0.105	0.108	0.108	18.178	LR,F
Chloroethane		0.086	0.092	0.096	0.103	0.093	0.095	0.091	0.094	5.567	
Trichlorofluoromethane	0.495	0.470	0.500	0.516	0.535	0.467	0.501	0.471	0.494	4.907	
Isoprene			0.273	0.329	0.356	0.314	0.353	0.340	0.328	9.367	
Acrolein			0.016	0.012	0.017	0.016	0.014	0.015	0.015	10.952	
1,1,2-Trichloro-1,2,2-Trifluoroet	0.287	0.255	0.286	0.300	0.302	0.244	0.288	0.266	0.278	7.553	
Acetone			0.047	0.049	0.052	0.046	0.042	0.043	0.046	8.020	
1,1-Dichloroethene		0.171	0.222	0.246	0.259	0.242	0.260	0.248	0.235	13.167	
Dimethyl Sulfide			0.222	0.266	0.284	0.259	0.275	0.269	0.263	8.161	
Iodomethane		0.148	0.076	0.110	0.174	0.212	0.135	0.146	0.143	30.331	QR,F
Methylene Chloride	0.307	0.268	0.274	0.280	0.292	0.256	0.273	0.261	0.276	6.015	
Carbon Disulfide	0.876	0.769	0.781	0.809	0.882	0.735	0.833	0.798	0.810	6.315	
Acrylonitrile			0.053	0.062	0.066	0.064	0.061	0.061	0.061	7.030	
Methyl Tert Butyl Ether			0.428	0.514	0.559	0.526	0.519	0.524	0.512	8.629	
trans-1,2-Dichloroethene	0.219	0.214	0.250	0.281	0.294	0.254	0.286	0.273	0.259	11.613	
n-Hexane			0.330	0.377	0.398	0.332	0.394	0.369	0.367	8.108	
Vinyl Acetate			0.178	0.247	0.264	0.224	0.265	0.260	0.240	14.170	
1,1-Dichloroethane	0.462	0.438	0.482	0.502	0.557	0.462	0.515	0.492	0.489	7.589	
2-Butanone			0.044	0.055	0.060	0.070	0.058	0.063	0.058	14.621	
2,2-Dichloropropane	0.326	0.308	0.388	0.403	0.434	0.361	0.400	0.349	0.371	11.460	
cis-1,2-Dichloroethene		0.201	0.284	0.314	0.327	0.284	0.322	0.304	0.291	14.759	
Chloroform	0.501	0.448	0.506	0.518	0.533	0.451	0.512	0.490	0.495	6.178	
Bromochloromethane	0.105	0.107	0.110	0.117	0.140	0.119	0.120	0.120	0.117	9.286	
Dibromofluoromethane	0.253	0.267	0.289	0.308	0.309	0.265	0.303	0.289	0.285	7.511	
1,1,1-Trichloroethane	0.428	0.424	0.470	0.493	0.491	0.412	0.496	0.458	0.459	7.386	
Cyclohexane			0.405	0.454	0.469	0.367	0.468	0.433	0.433	9.252	
1,1-Dichloropropene		0.204	0.274	0.311	0.320	0.287	0.331	0.310	0.291	14.742	
Carbon Tetrachloride	0.428	0.393	0.434	0.446	0.445	0.363	0.448	0.410	0.421	7.172	
1,2-Dichloroethane-d4	0.265	0.282	0.288	0.308	0.310	0.239	0.284	0.265	0.280	8.398	
1,2-Dichloroethane	0.328	0.329	0.357	0.377	0.381	0.306	0.349	0.329	0.345	7.604	
Benzene	0.942	0.907	1.070	1.116	1.132	0.904	1.122	1.030	1.028	9.497	
Trichloroethene	0.248	0.249	0.266	0.294	0.300	0.268	0.315	0.297	0.280	8.926	
1,2-Dichloropropane	0.240	0.232	0.260	0.285	0.285	0.240	0.284	0.263	0.261	8.378	
Bromodichloromethane	0.341	0.331	0.359	0.381	0.368	0.336	0.375	0.355	0.356	5.211	
Dibromomethane	0.127	0.130	0.129	0.143	0.152	0.126	0.136	0.126	0.134	7.062	
2-Chloroethyl Vinyl Ether		0.197	0.342	0.411	0.459	0.288	0.365	0.292	0.336	25.866	QR,F
4-Methyl-2-Pentanone			0.052	0.061	0.064	0.065	0.059	0.062	0.060	7.636	
cis-1,3-Dichloropropene	0.251	0.237	0.322	0.381	0.38	0.36	0.398	0.375	0.3379	18.428	LR,F
Dimethyl Disulfide			0.189	0.236	0.242	0.222	0.251	0.245	0.2308	9.8149	
Chlorobenzene-d5	ISTD										
Toluene-d8		1.008	1.269	1.398	1.347	0.995	1.398	1.241	1.2365	13.845	
Toluene		1.089	1.454	1.565	1.534	1.138	1.581	1.402	1.3948	14.521	
Ethyl Methacrylate			0.254	0.311	0.31	0.299	0.314	0.314	0.3002	7.6958	
trans-1,3-Dichloropropene		0.309	0.435	0.509	0.454	0.432	0.494	0.463	0.4422	14.76	
1,1,2-Trichloroethane	0.284	0.256	0.269	0.298	0.257	0.238	0.268	0.252	0.2652	7.188	
2-Hexanone			0.089	0.118	0.12	0.126	0.122	0.125	0.1169	12.093	
1,3-Dichloropropane	0.395	0.358	0.432	0.501	0.44	0.404	0.464	0.435	0.4286	10.211	
Tetrachloroethene	0.313	0.263	0.315	0.341	0.314	0.275	0.351	0.32	0.3116	9.5782	

Dibromochloromethane	0.333	0.307	0.336	0.385	0.329	0.32	0.362	0.347	0.3399	7.21	
1,2-Dibromoethane	0.214	0.203	0.224	0.271	0.244	0.243	0.259	0.252	0.2388	9.7464	
1-Chlorohexane	0.367	0.207	0.402	0.469	0.498	0.397	0.502	0.46	0.4129	23.433	QR,F
Chlorobenzene	1.228	1.111	1.091	1.158	1.137		1.05	0.867	1.0916	10.431	
1,1,1,2-Tetrachloroethane	0.389	0.373	0.389	0.421	0.368		0.367	0.291	0.3711	10.764	
Ethylbenzene	0.502	0.487	0.554	0.597	0.625		0.554	0.447	0.538	11.669	
m-,p-Xylene	0.579	0.618	0.7	0.743	0.846	0.392	0.689	0.551	0.6399	21.481	QR,F
o-Xylene	0.418	0.422	0.616	0.703	0.828	0.488	0.702	0.613	0.5989	24.504	QR,F
Styrene	0.799	0.918	1.121	1.246	1.439	0.82	1.192	1.04	1.0719	20.698	QR,F
Bromoform	0.261	0.268	0.209	0.25	0.245	0.219	0.219	0.218	0.2362	9.5433	
Isopropylbenzene	1.07	1.107	1.59	1.818	2.126	1.252	1.849	1.605	1.552	24.51	QR,F
1,4-Dichlorobenzene-d4	ISTD										
1,1,2,2-Tetrachloroethane	0.748	0.736	0.498	0.586	0.479	0.449	0.479	0.457	0.5542	22.249	LR,F
p-Bromofluorobenzene			0.799	0.933	0.852	0.691	0.959	0.839	0.8455	11.426	
1,2,3-Trichloropropane	0.193	0.205	0.16	0.182	0.141	0.145	0.155	0.146	0.1659	14.647	
trans-1,4-Dichloro-2-Butene			0.108	0.132	0.119	0.119	0.125	0.124	0.1211	6.7223	
n-Propylbenzene	2.548	2.497	3.391	3.705	3.441	2.273	3.716	3.072	3.0803	18.591	QR,F
Bromobenzene	0.786	0.741	0.767	0.853	0.739	0.643	0.836	0.755	0.7649	8.496	
1,3,5-Trimethylbenzene	1.727	1.764	2.405	2.636	2.482	1.751	2.66	2.27	2.2119	18.26	QR,F
2-Chlorotoluene	1.953	1.853	2.219	2.307	2.197	1.537	2.29	2.073	2.0536	12.819	
4-Chlorotoluene	2.152	1.979	2.207	2.481	2.208		2.331	1.912	2.1816	8.9274	
a-Methylstyrene			1.222	1.373	1.398	1.008	1.462	1.291	1.2923	12.583	
tert-Butylbenzene	2.026	1.66	2.173	2.344	2.209	1.762	2.401	2.245	2.1026	12.732	
1,2,4-Trimethylbenzene	2.506	2.332	2.569	2.788	2.61	1.76	2.737	2.322	2.453	13.307	
sec-Butylbenzene	2.447	2.35	3.032	3.347	3.236		3.396	2.889	2.9566	14.223	
p-Isopropyltoluene	2.013	1.948	2.518	2.811	2.772	1.85	2.882	2.448	2.4052	17.306	QR,F
1,3-Dichlorobenzene	1.797	1.532	1.468	1.618	1.577	1.134	1.582	1.402	1.5137	12.715	
1,4-Dichlorobenzene		1.79	1.554	1.683	1.615	1.11	1.595	1.401	1.5354	14.468	
n-Butylbenzene	2.115	1.982	2.372	2.606	2.56	1.73	2.615	2.242	2.2778	14.132	
1,2-Dichlorobenzene	1.676	1.525	1.317	1.482	1.448	1.061	1.406	1.269	1.3981	13.248	
1,2-Dibromo-3-Chloropropane	0.124	0.127	0.08	0.107	0.103	0.107	0.098	0.1	0.1057	14.074	
1,2,4-Trichlorobenzene		1.071	0.877	1.06	1.015	0.786	0.995	0.916	0.9602	10.895	
Hexachlorobutadiene		0.527	0.428	0.46	0.442	0.377	0.463	0.42	0.4453	10.38	
Naphthalene		1.662	1.062	1.55	1.39	1.313	1.361	1.37	1.3871	13.624	
1,2,3-Trichlorobenzene	1.54	1.095	0.74	0.908	0.846	0.686	0.804	0.766	0.9231	30.238	LR,F

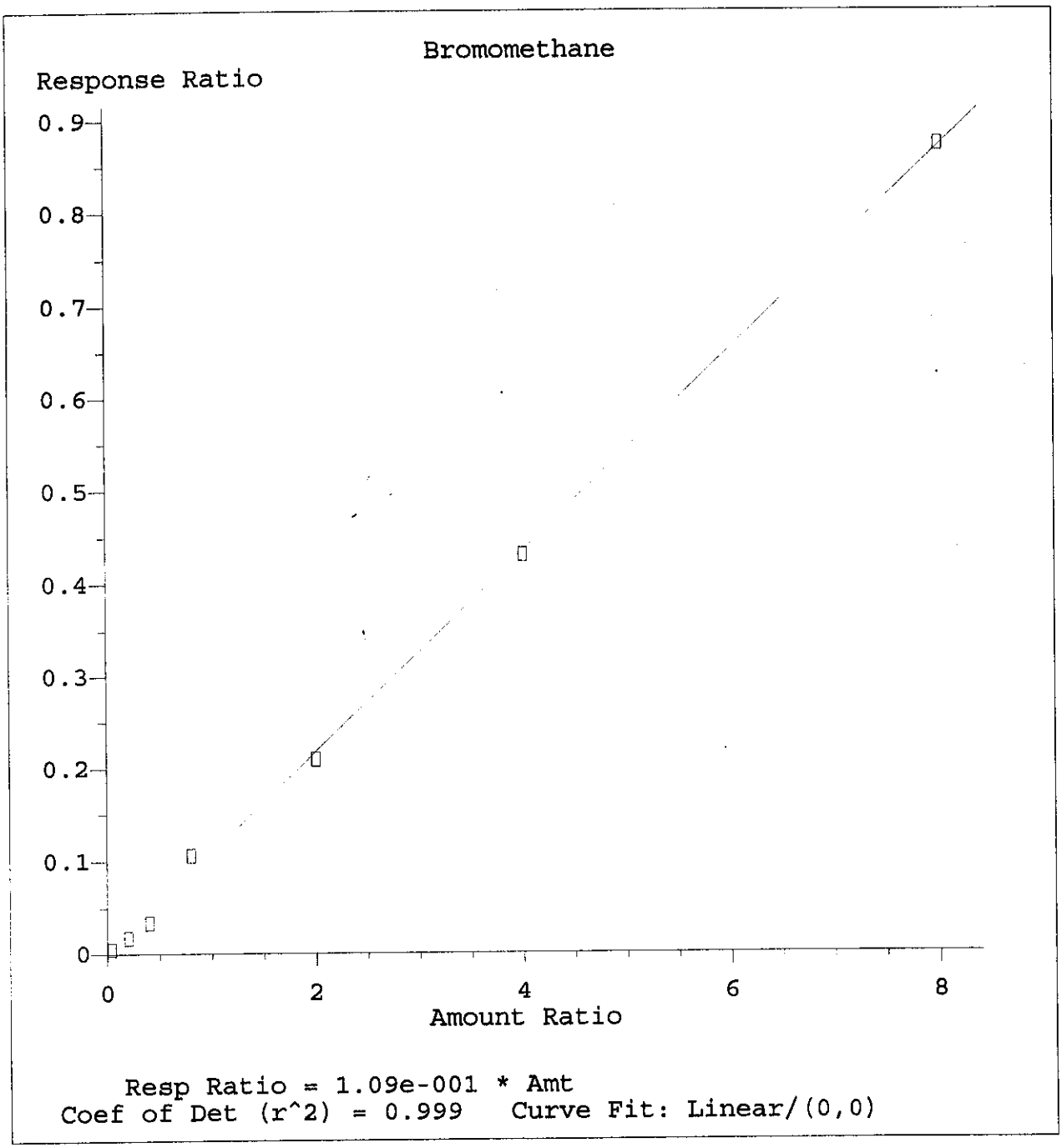
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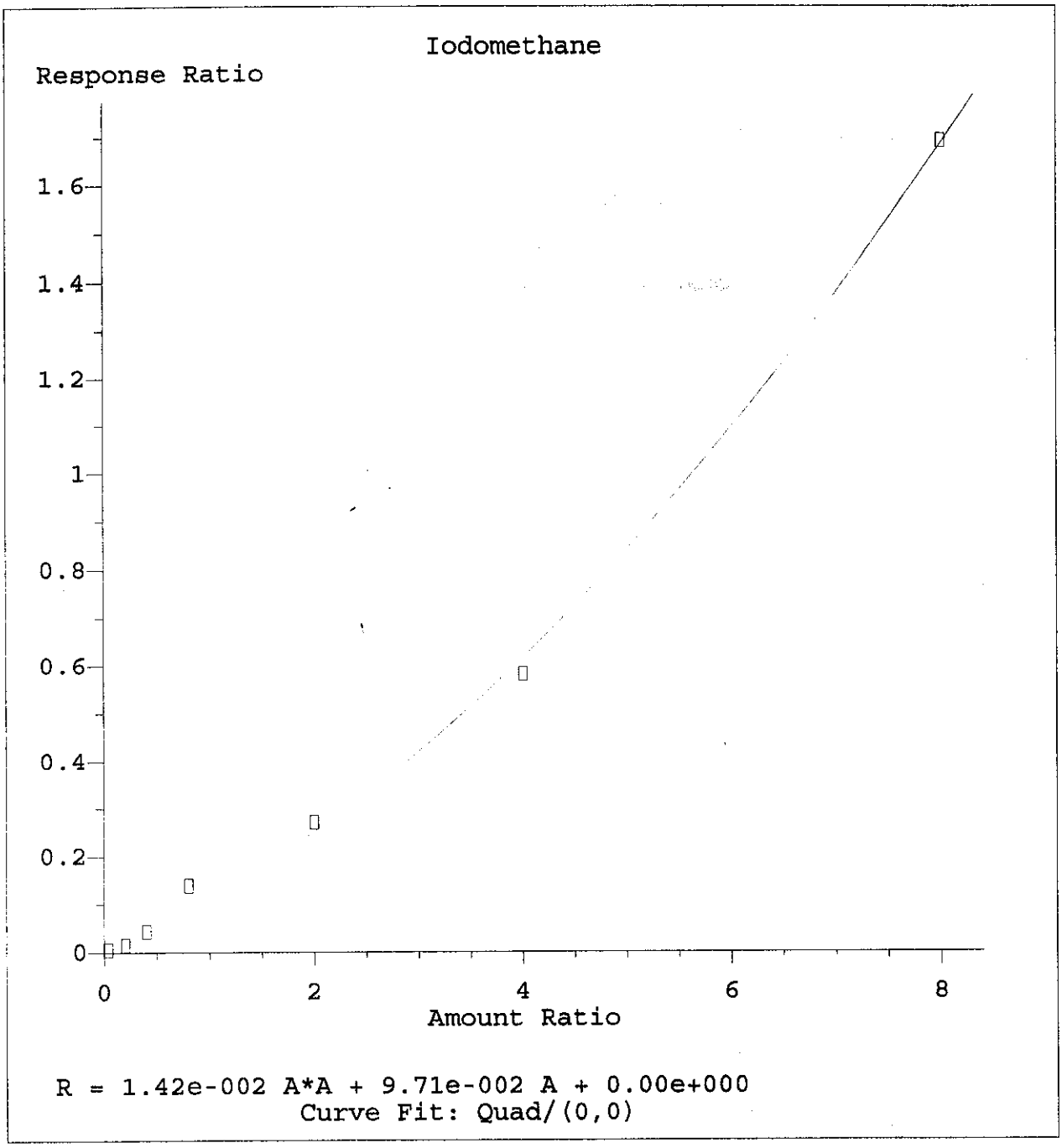
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Calibration Table Last Updated: Mon Oct 09 09:59:48 2000



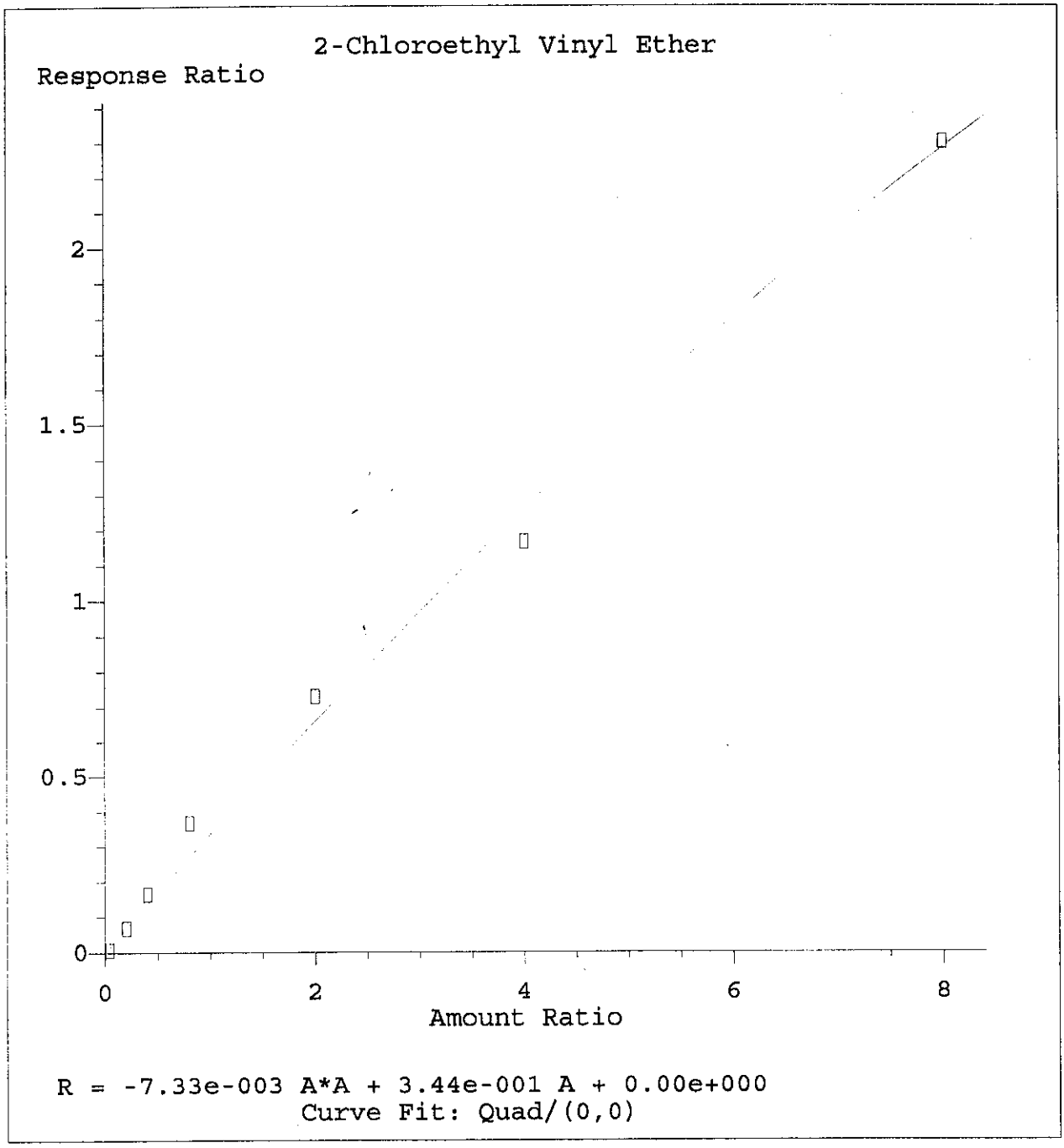
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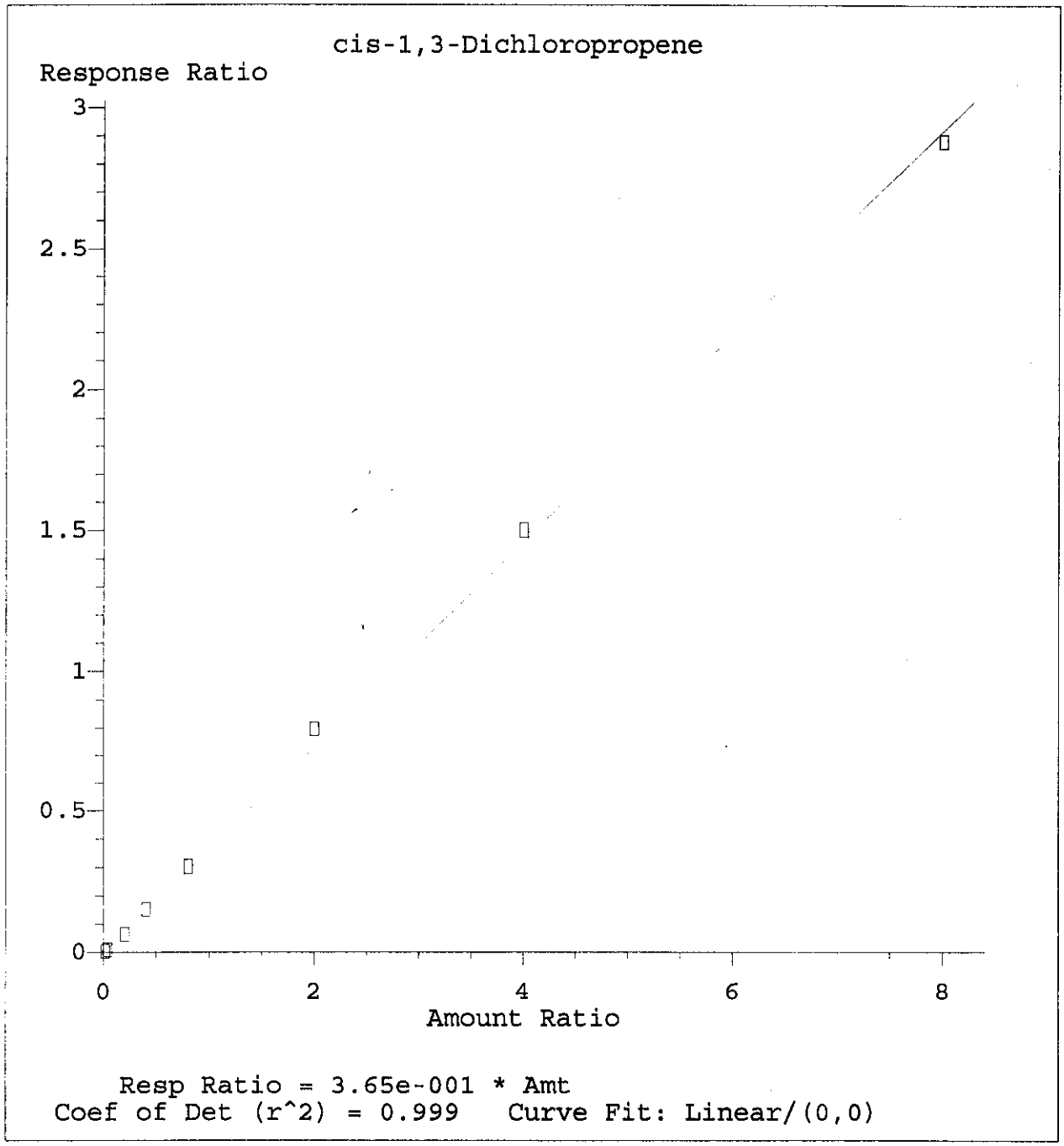
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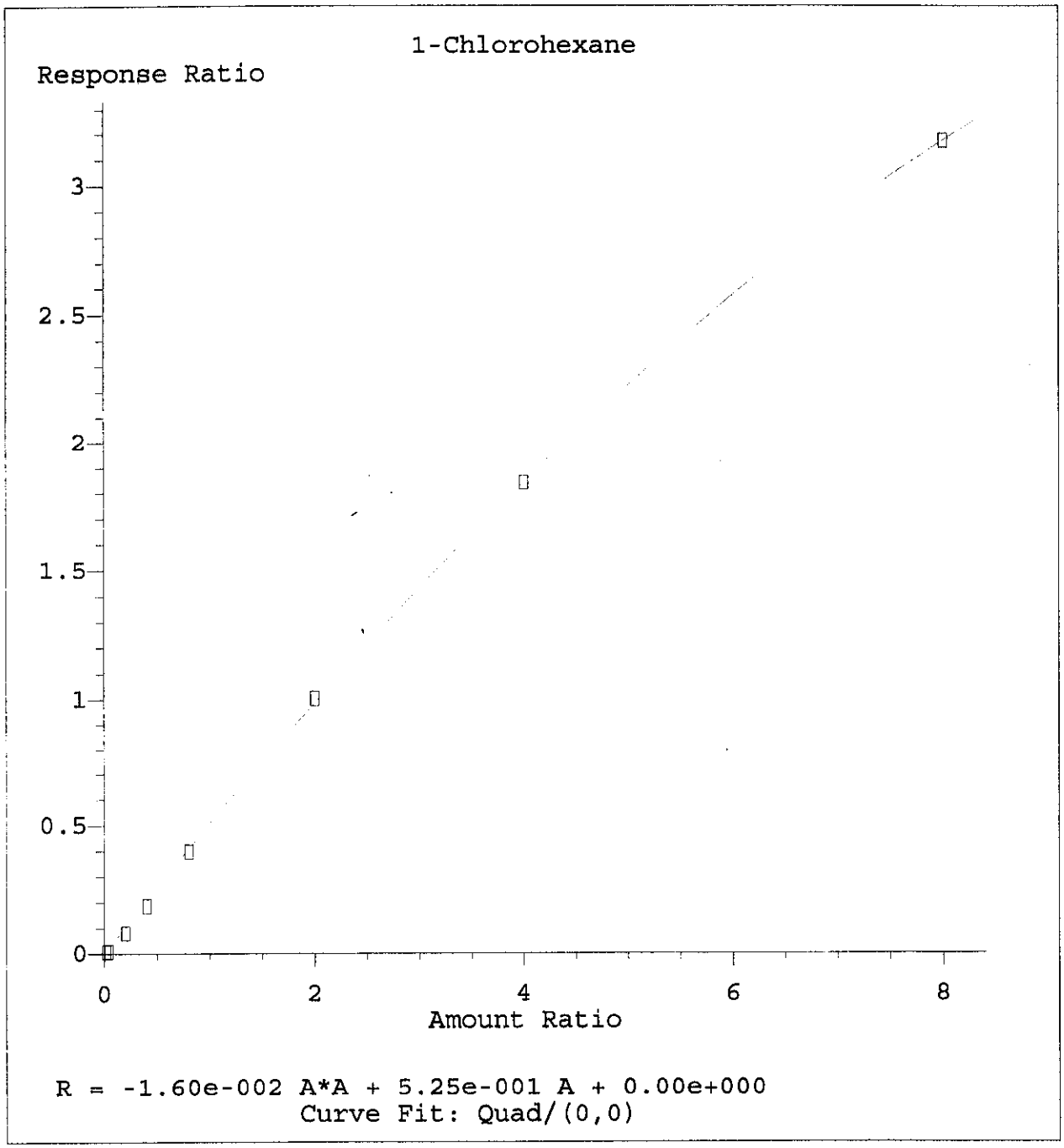
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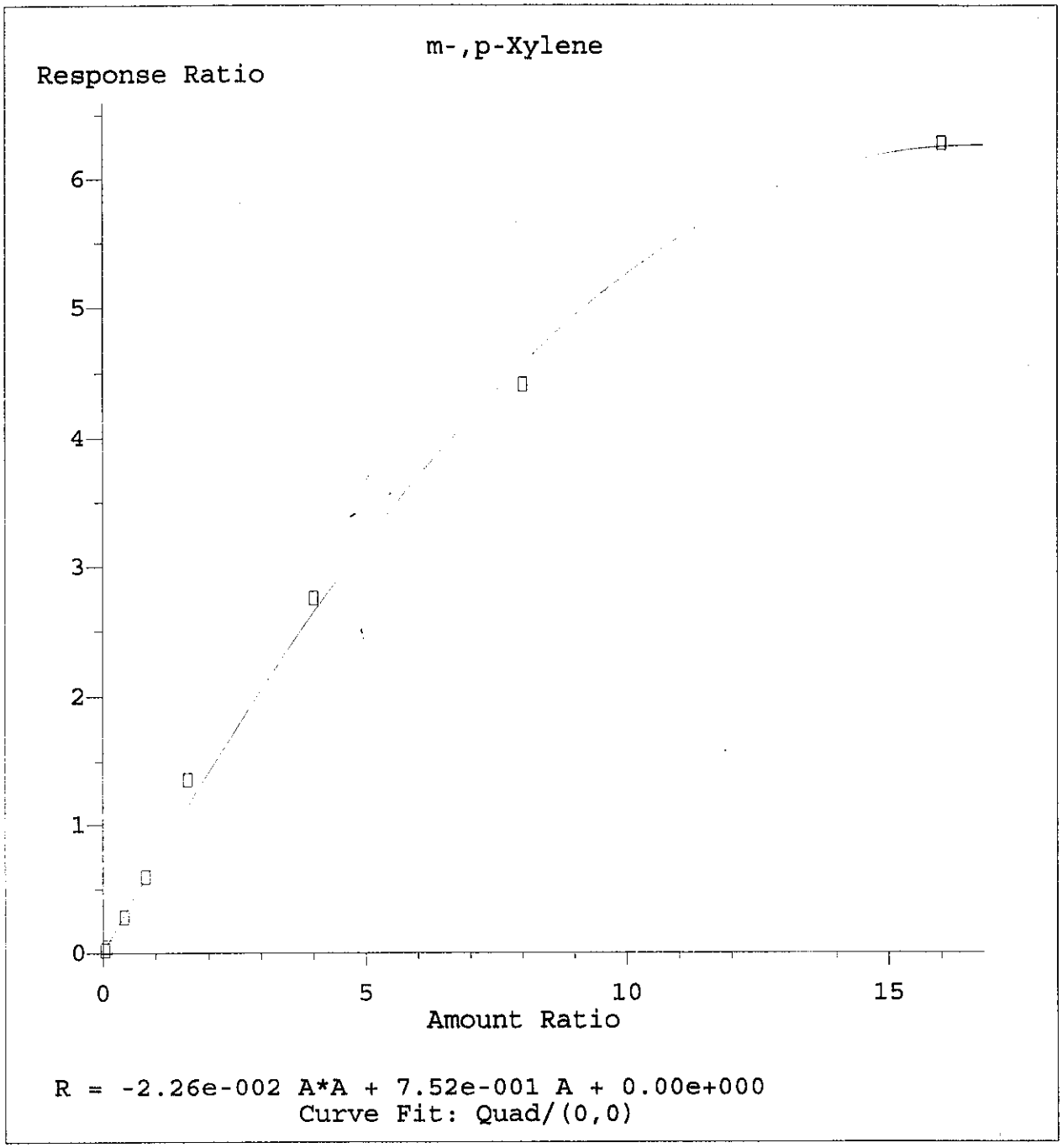
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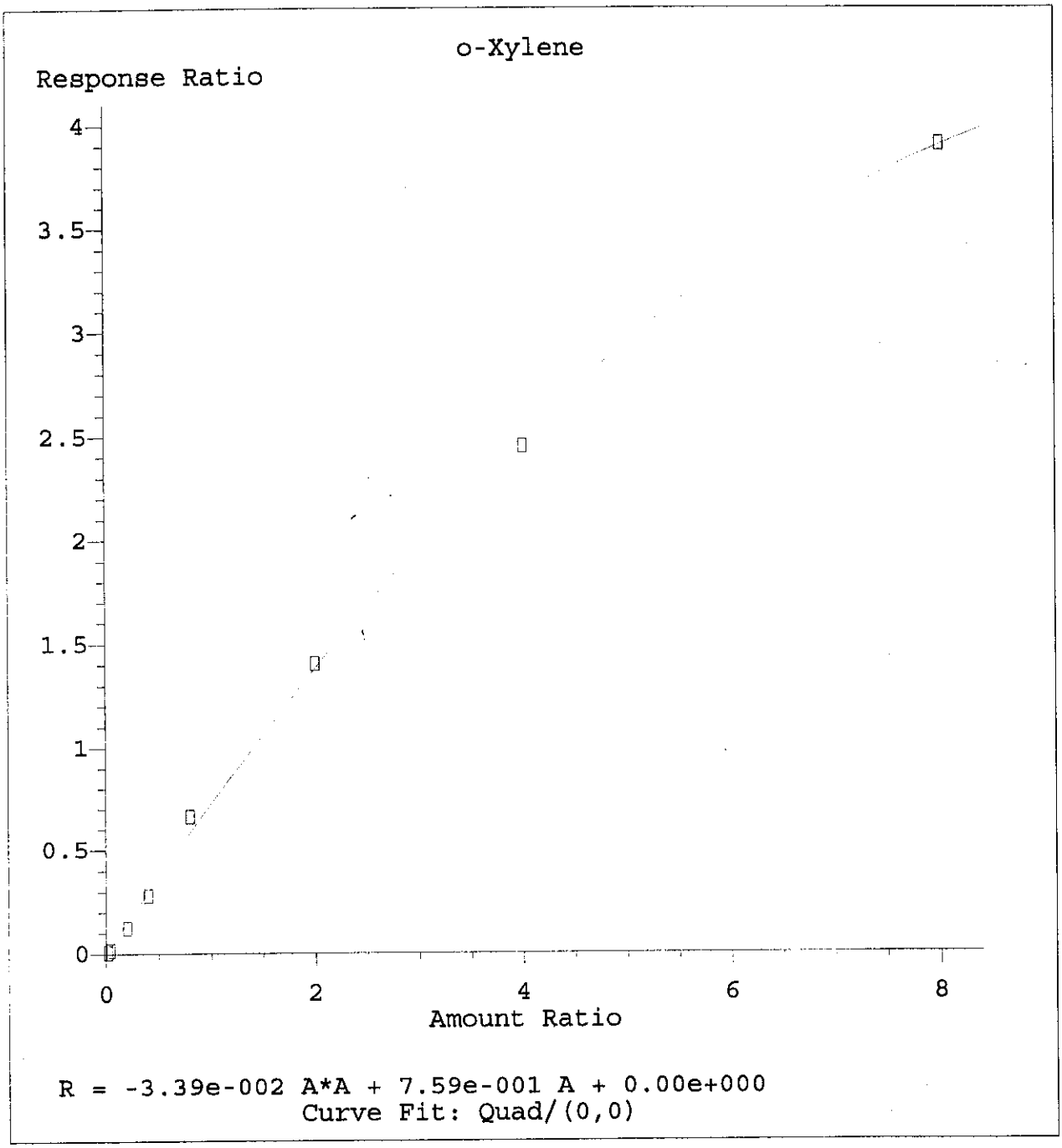
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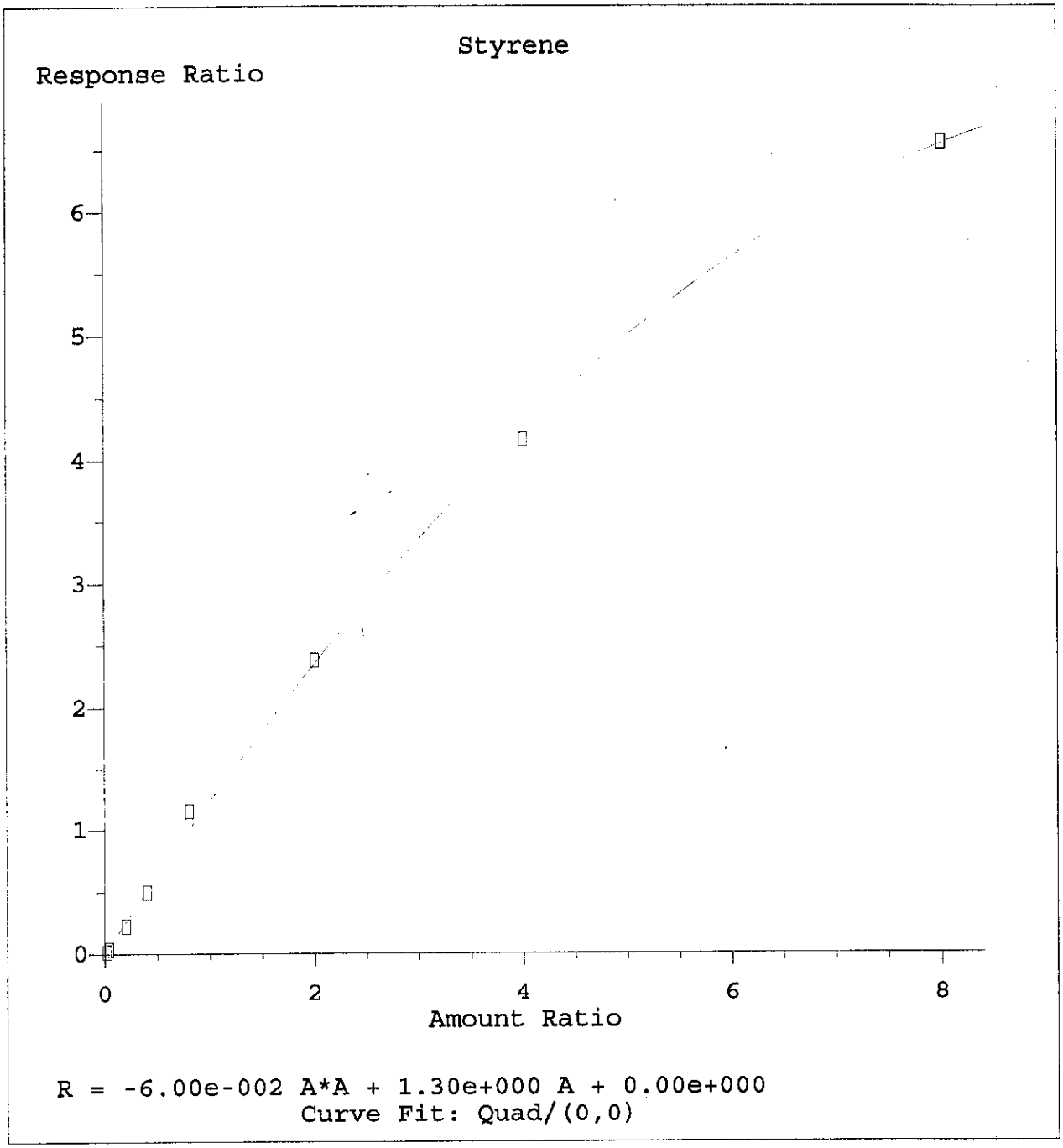
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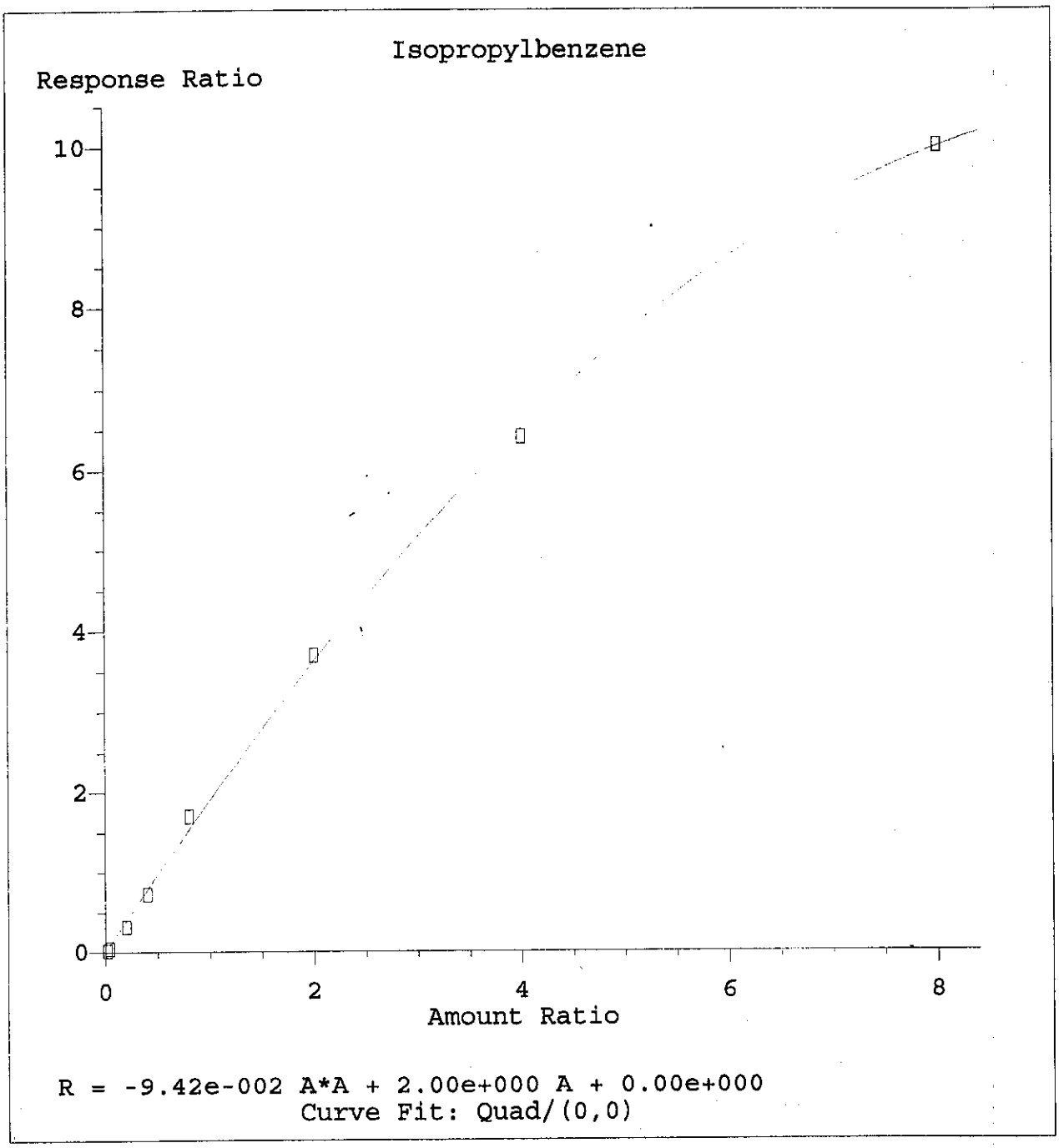
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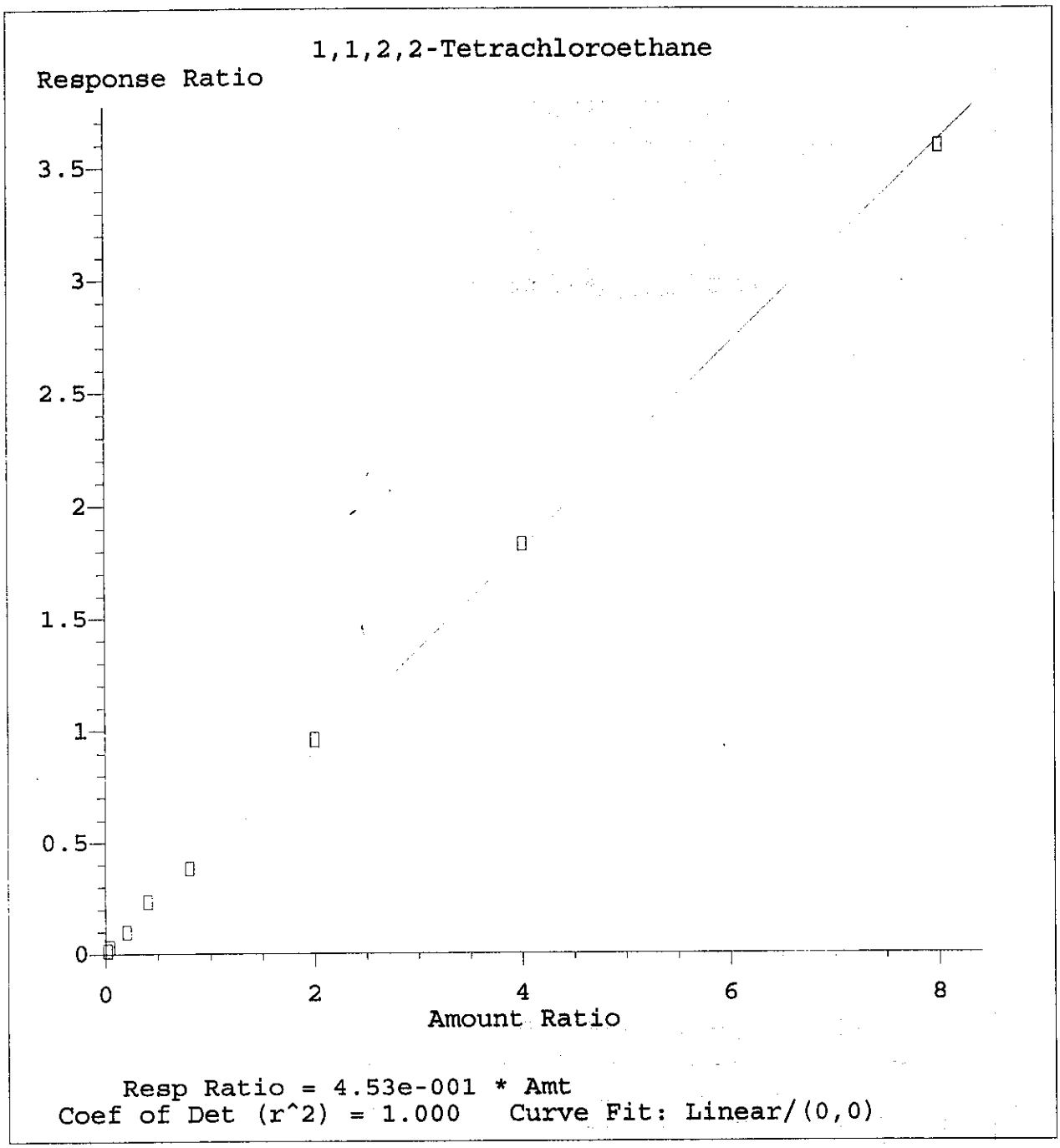
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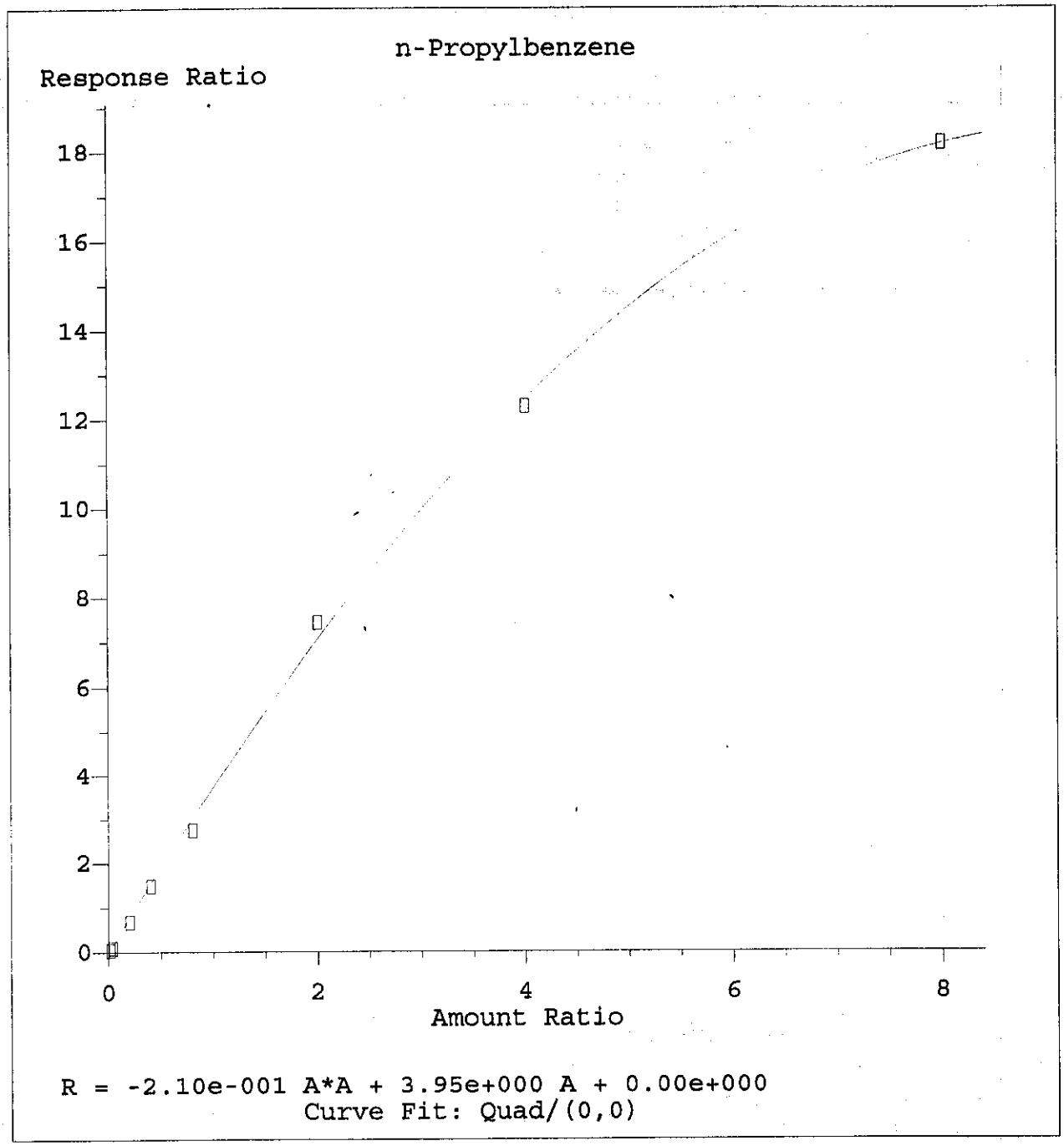
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Calibration Table Last Updated: Fri Oct 06 21:42:55 2000



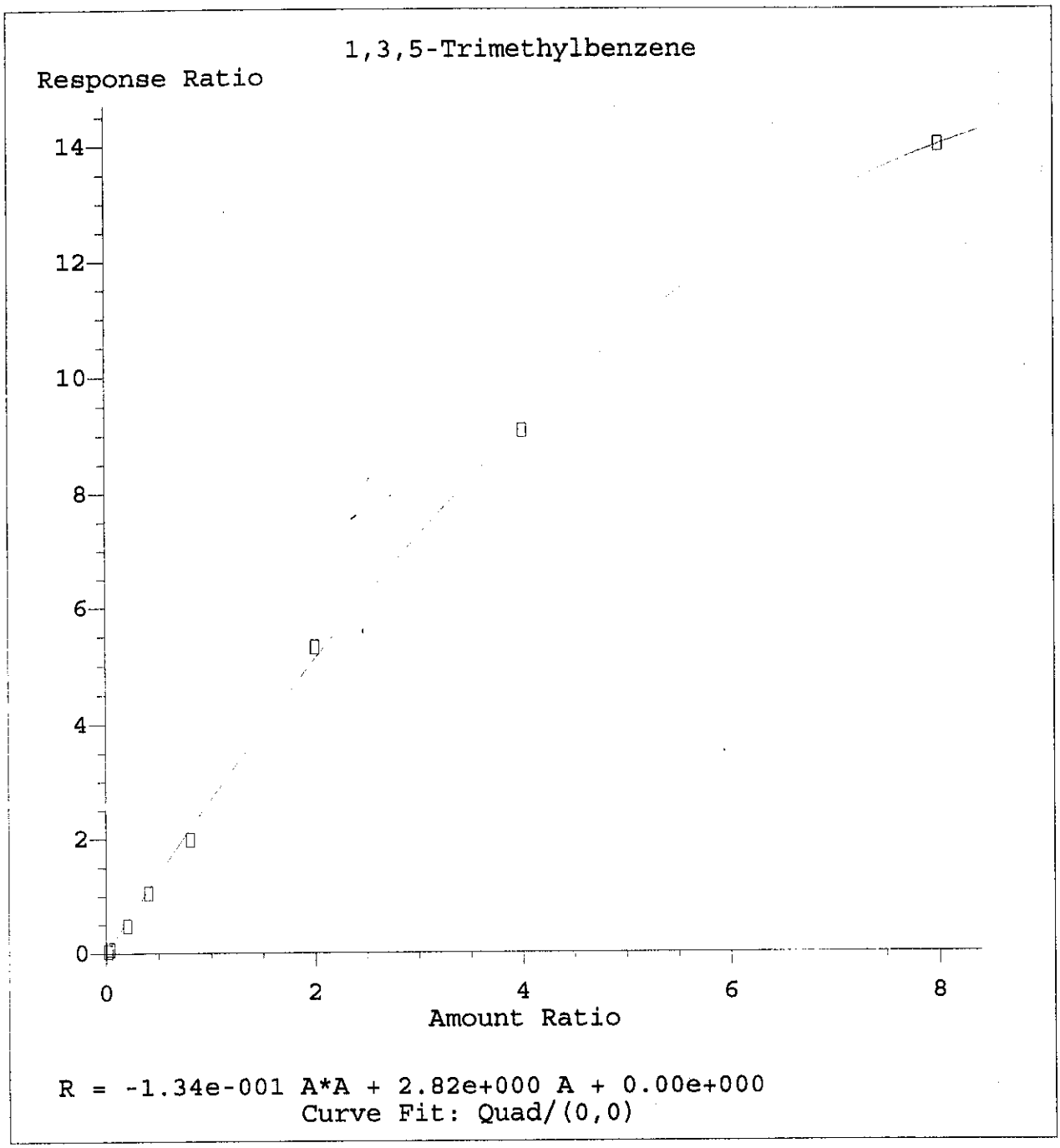
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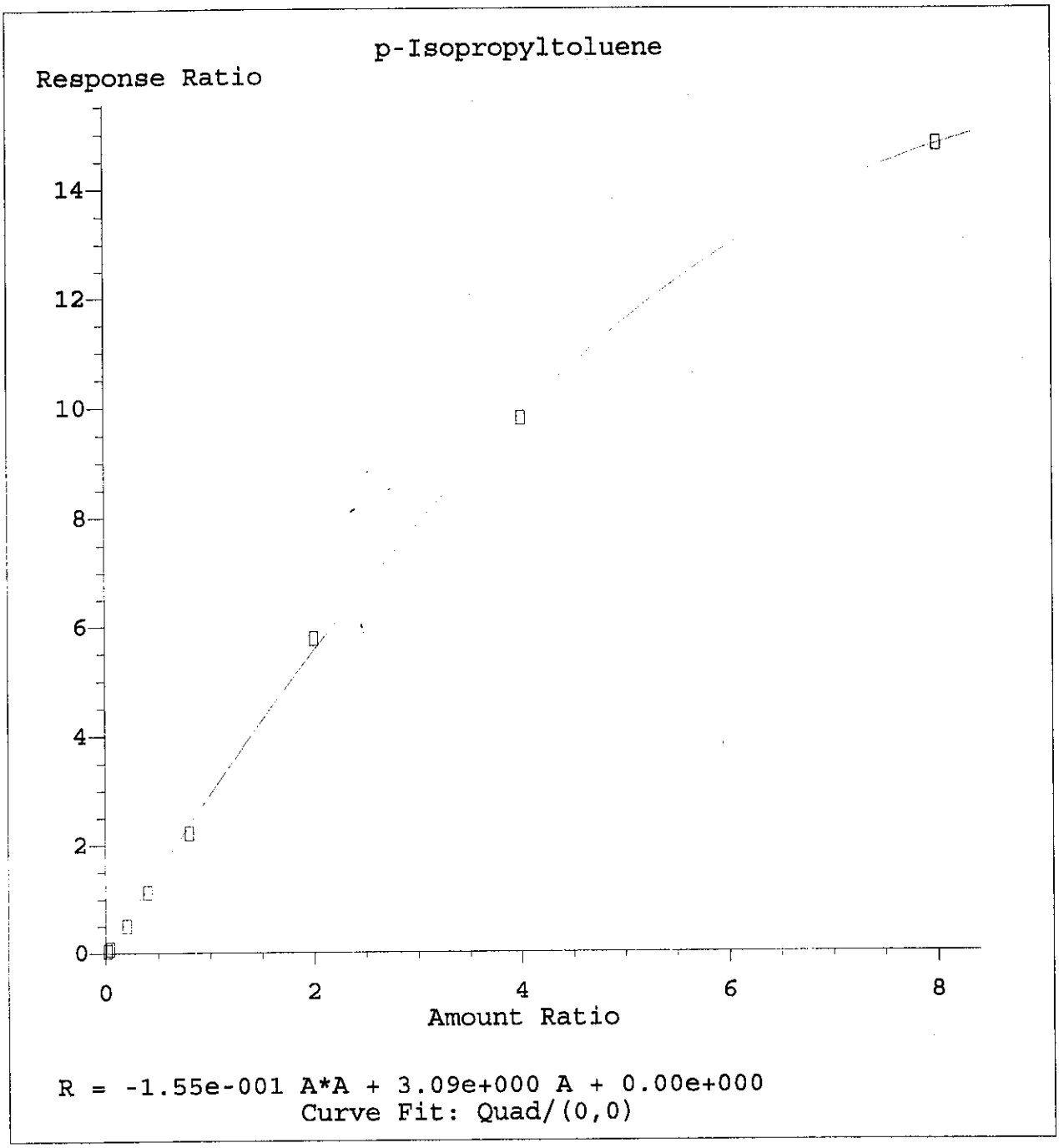
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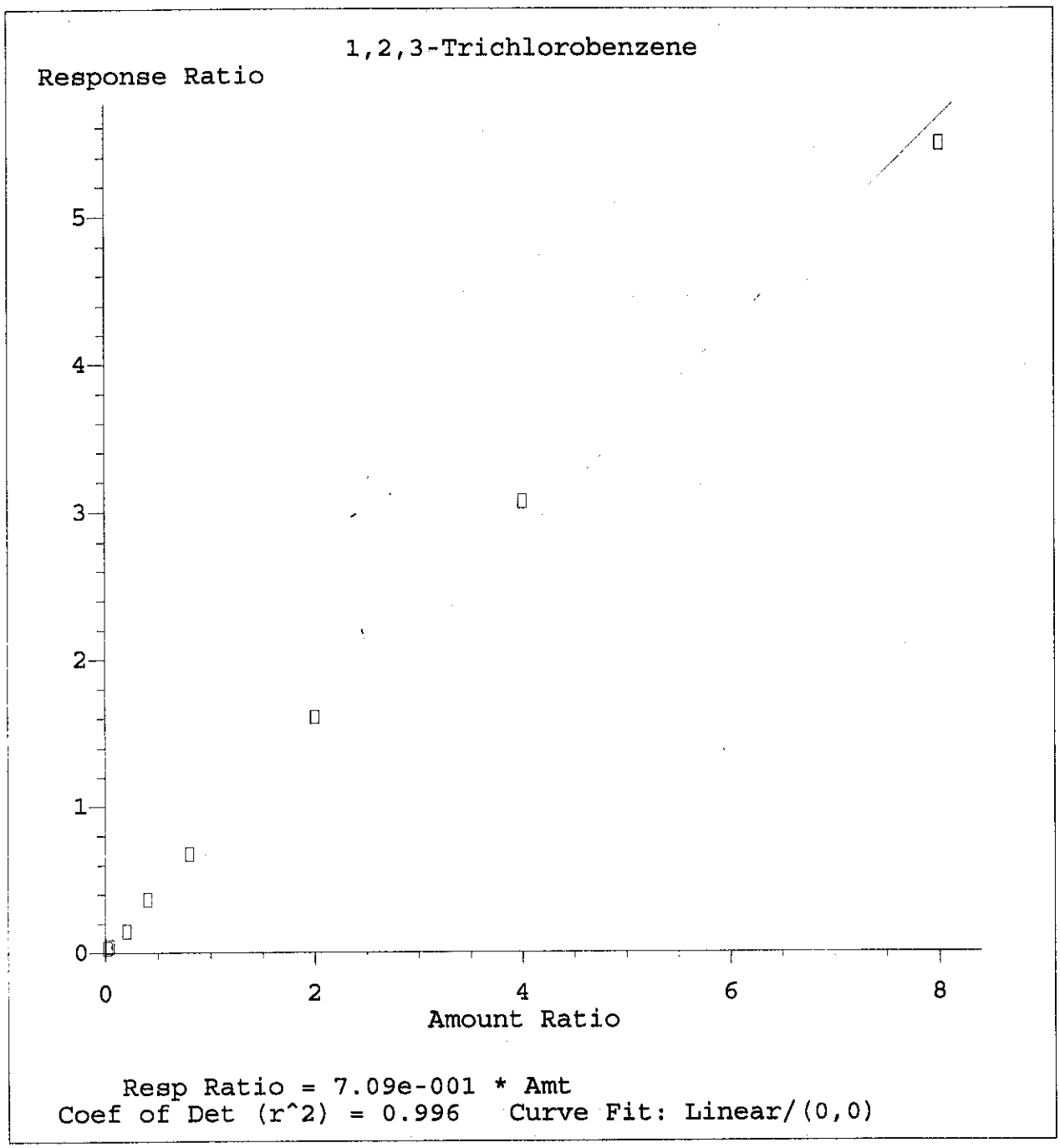
Method Name: C:\HPCHEM\1\METHODS\8260WT3.M
Calibration Table Last Updated: Fri Oct 06 21:42:55 2000



Method Name: C:\HPCHEM\1\METHODS\8260WT3.M
Calibration Table Last Updated: Fri Oct 06 21:42:55 2000



Method Name: C:\HPCHEM\1\METHODS\8260WT3.M
Calibration Table Last Updated: Fri Oct 06 21:42:55 2000

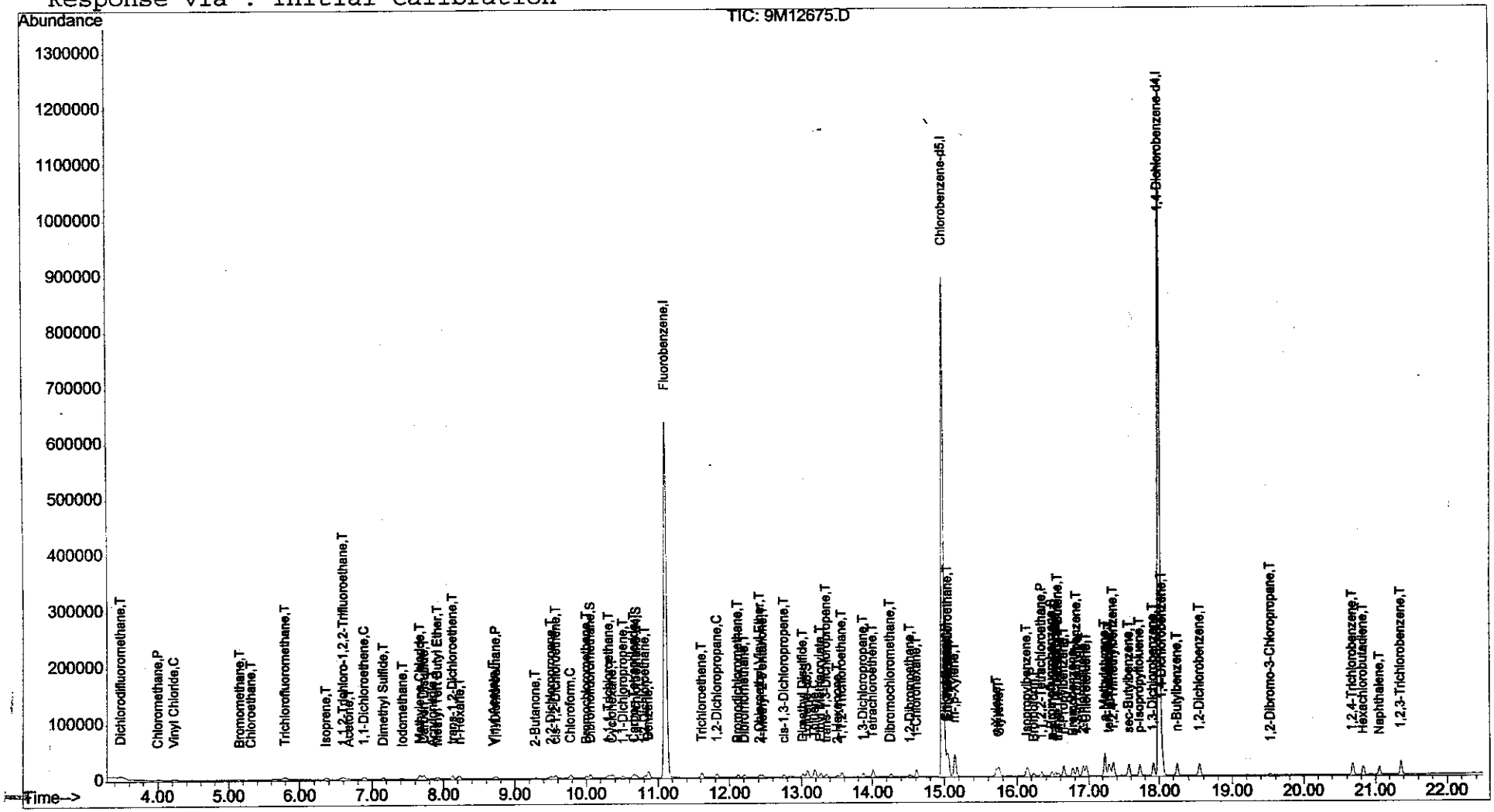


Method Name: C:\HPCHEM\1\METHODS\8260WT3.M
Calibration Table Last Updated: Fri Oct 06 21:42:55 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D Vial: 20
Acq On : 6 Oct 2000 19:45 Operator: MES
Sample : WG85403 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:04 2000 Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D
Acq On : 6 Oct 2000 19:45
Sample : WG85403 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:04 2000

Vial: 20
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	822605	25.00	ug/L	0.01
44) Chlorobenzene-d5	14.98	117	688825	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	409456	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	4163	0.49	ug/L	0.01
Spiked Amount 25.000	Range 86 - 118		Recovery =	1.96%#		
33) 1,2-Dichloroethane-d4	10.70	65	4358	0.47	ug/L	0.01
Spiked Amount 25.000	Range 80 - 120		Recovery =	1.88%#		
45) Toluene-d8	13.09	98	12566	0.40	ug/L	0.01
Spiked Amount 25.000	Range 88 - 110		Recovery =	1.60%#		
66) p-Bromofluorobenzene	16.49	95	4626	0.31	ug/L	0.01
Spiked Amount 25.000	Range 86 - 115		Recovery =	1.24%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	6215	0.70	ug/L #	68
3) Chloromethane	4.00	50	2678m	0.50	ug/L	
4) Vinyl Chloride	4.23	62	2490	0.69	ug/L #	75
5) Bromomethane	5.15	94	2410	0.83	ug/L	82
6) Chloroethane	5.31	64	1473m	0.45	ug/L	
7) Trichlorofluoromethane	5.80	101	8147	0.58	ug/L	99
8) Isoprene	6.37	67	2723	0.31	ug/L #	62
10) 1,1,2-Trichloro-1,2,2-Trif	6.60	101	4724	0.63	ug/L	94
11) Acetone	6.68	43	3001	1.59	ug/L #	84
12) 1,1-Dichloroethene	6.90	96	2744	0.39	ug/L	96
13) Dimethyl Sulfide	7.16	62	2580	0.27	ug/L	87
14) Iodomethane	7.42	142	3172m	0.43	ug/L	
15) Methylene Chloride	7.67	84	5055	0.55	ug/L	88
16) Carbon Disulfide	7.72	76	14407	0.54	ug/L #	95
17) Acrylonitrile	7.84	53	619	0.27	ug/L #	55
18) Methyl Tert Butyl Ether	7.92	73	5978	0.36	ug/L #	71
19) trans-1,2-Dichloroethene	8.13	96	3610	0.45	ug/L	97
20) n-Hexane	8.22	57	4406	0.39	ug/L #	64
21) Vinyl Acetate	8.70	43	2137	0.30	ug/L #	76
22) 1,1-Dichloroethane	8.73	63	7599	0.48	ug/L #	92
23) 2-Butanone	9.29	43	1373	0.51	ug/L #	53
24) 2,2-Dichloropropane	9.51	77	5367	0.44	ug/L #	63
25) cis-1,2-Dichloroethene	9.57	96	3612	0.41	ug/L	82
26) Chloroform	9.78	83	8249	0.53	ug/L	98
27) Bromochloromethane	10.01	128	1732	0.46	ug/L	91
29) 1,1,1-Trichloroethane	10.32	97	7040	0.51	ug/L #	70
30) Cyclohexane	10.36	56	3853	0.27	ug/L #	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D
Acq On : 6 Oct 2000 19:45
Sample : WG85403 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:04 2000

Vial: 20
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	10.52	75	3421	0.38 ug/L #	79
32) Carbon Tetrachloride	10.66	117	7039	0.59 ug/L #	95
34) 1,2-Dichloroethane	10.81	62	5394	0.47 ug/L #	74
35) Benzene	10.86	78	15504	0.45 ug/L	97
36) Trichloroethene	11.61	130	4087	0.46 ug/L	96
37) 1,2-Dichloropropane	11.82	63	3954	0.43 ug/L	97
38) Bromodichloromethane	12.13	83	5603	0.47 ug/L #	94
39) Dibromomethane	12.21	93	2091	0.46 ug/L	92
40) 2-Chloroethyl Vinyl Ether	12.42	63	2609	1.24 ug/L #	77
41) 4-Methyl-2-Pentanone	12.46	58	1614	0.54 ug/L #	49
42) cis-1,3-Dichloropropene	12.76	75	4123	0.35 ug/L	92
43) Dimethyl Disulfide	13.02	79	2482	0.32 ug/L	92
46) Toluene	13.19	91	15403	0.41 ug/L	97
47) Ethyl Methacrylate	13.27	69	5733	0.58 ug/L #	77
48) trans-1,3-Dichloropropene	13.35	75	4826	0.43 ug/L #	89
49) 1,1,2-Trichloroethane	13.57	97	3908	0.60 ug/L	97
50) 2-Hexanone	13.51	43	3249	0.69 ug/L #	83
51) 1,3-Dichloropropane	13.87	76	5441	0.50 ug/L	88
52) Tetrachloroethene	14.01	164	4307	0.57 ug/L	95
53) Dibromochloromethane	14.26	129	4588	0.54 ug/L	100
54) 1,2-Dibromoethane	14.52	107	2953	0.46 ug/L	93
55) 1-Chlorohexane	14.62	91	5059	0.43 ug/L	92
56) Chlorobenzene	15.03	112	16914	0.55 ug/L	98
57) 1,1,1,2-Tetrachloroethane	15.06	131	5364	0.62 ug/L	97
58) Ethylbenzene	15.06	106	6909	0.42 ug/L	98
59) m-,p-Xylene	15.15	106	15961	0.76 ug/L	96
60) o-Xylene	15.71	106	5760	0.32 ug/L	94
61) Styrene	15.75	104	11009	0.28 ug/L	96
62) Bromoform	16.24	173	3602	0.60 ug/L	91
63) Isopropylbenzene	16.13	105	14747	0.25 ug/L	97
65) 1,1,2,2-Tetrachloroethane	16.34	83	6126	0.73 ug/L #	83
67) 1,2,3-Trichloropropane	16.53	110	1577	0.62 ug/L #	46
68) trans-1,4-Dichloro-2-Buten	16.57	53	2066	0.86 ug/L #	82
69) n-Propylbenzene	16.65	91	20864	0.31 ug/L	100
70) Bromobenzene	16.77	156	6435	0.51 ug/L	95
71) 1,3,5-Trimethylbenzene	16.83	105	14142	0.36 ug/L	98
72) 2-Chlorotoluene	16.92	91	15995	0.44 ug/L	97
73) 4-Chlorotoluene	16.97	91	17625	0.49 ug/L	96
74) a-Methylstyrene	17.23	118	16978	0.76 ug/L	99
75) tert-Butylbenzene	17.29	119	16589m	0.51 ug/L	
76) 1,2,4-Trimethylbenzene	17.35	105	20524	0.50 ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D Vial: 20
Acq On : 6 Oct 2000 19:45 Operator: MES
Sample : WG85403 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:04 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) sec-Butylbenzene	17.57	105	20040	0.34	ug/L	99
78) p-Isopropyltoluene	17.72	119	16481	0.33	ug/L	97
79) 1,3-Dichlorobenzene	17.92	146	14718	0.61	ug/L	95
80) 1,4-Dichlorobenzene	18.04	146	16898	0.68	ug/L	99
81) n-Butylbenzene	18.25	91	17321	0.47	ug/L	97
82) 1,2-Dichlorobenzene	18.55	146	13729	0.63	ug/L	99
83) 1,2-Dibromo-3-Chloropropan	19.53	157	1018	0.53	ug/L	95
84) 1,2,4-Trichlorobenzene	20.69	180	11184	0.75	ug/L	95
85) Hexachlorobutadiene	20.84	225	5577	0.88	ug/L	94
86) Naphthalene	21.05	128	17088	0.71	ug/L	95
87) 1,2,3-Trichlorobenzene	21.36	180	12615	0.99	ug/L	94

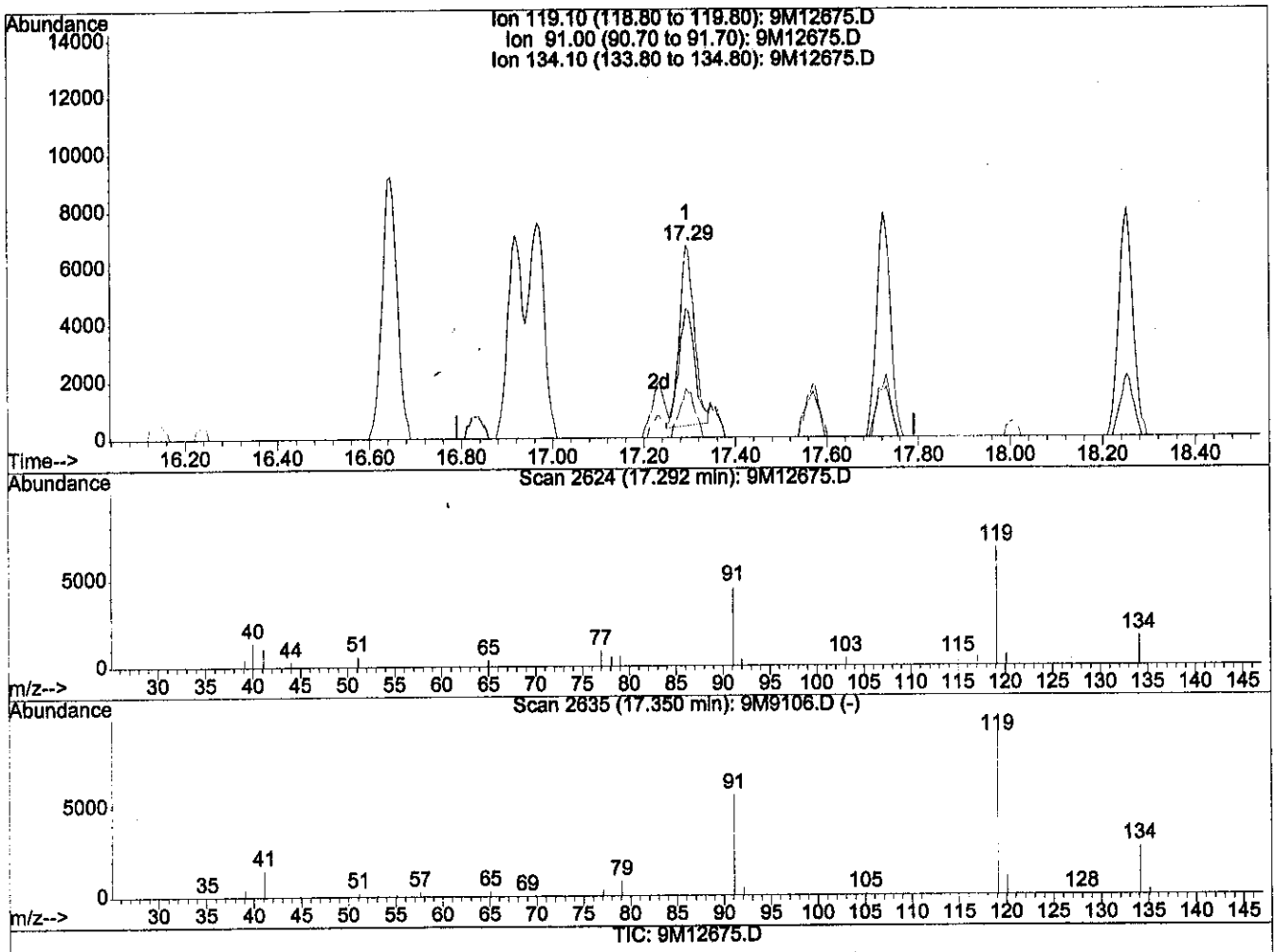
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D
Acq On : 6 Oct 2000 19:45
Sample : WG85403 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:01 2000

Vial: 20
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



TIC: 9M12675.D

(75) tert-Butylbenzene (T)

17.29min 0.44ug/L

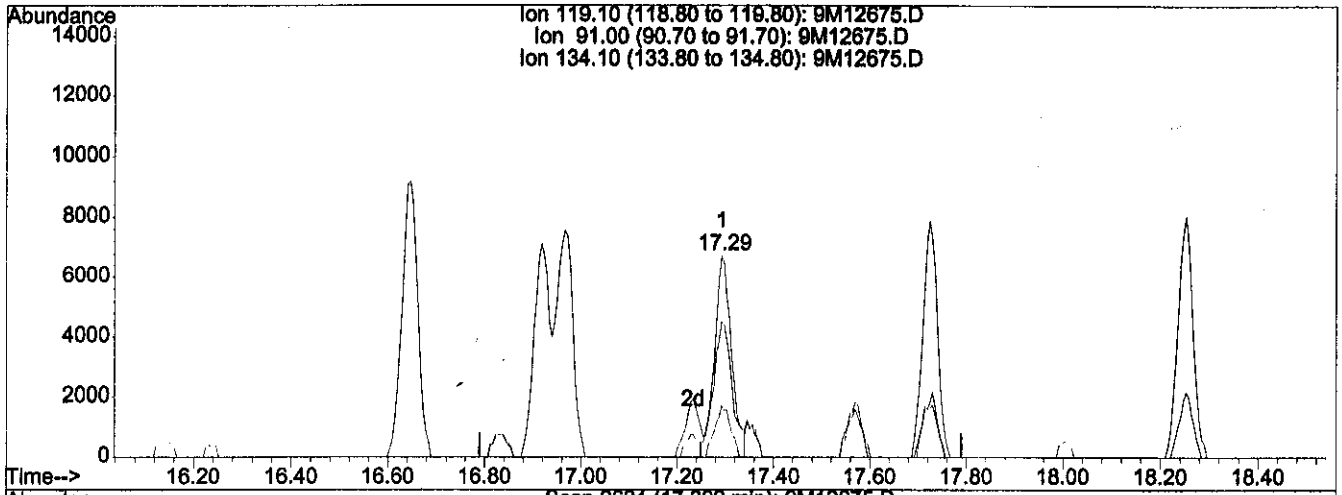
response 14338

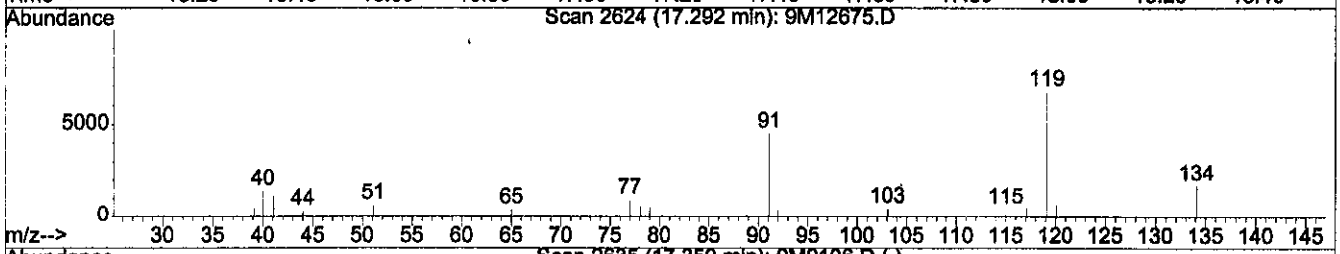
Ion	Exp%	Act%
119.10	100	100
91.00	60.80	65.41
134.10	26.20	27.54
0.00	0.00	0.00

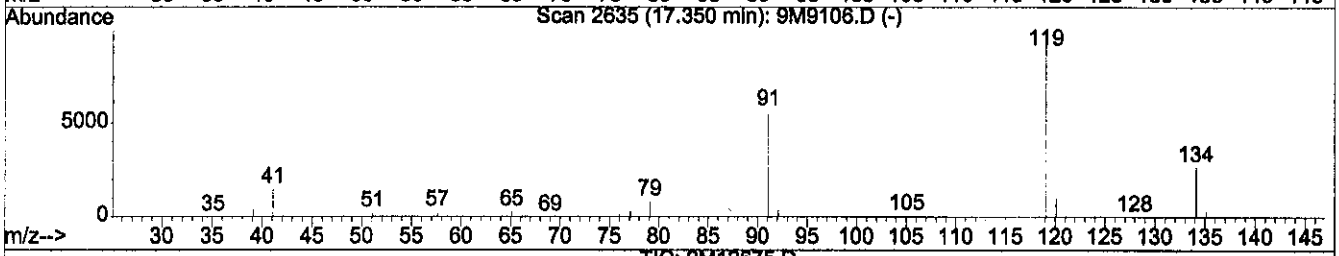
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12675.D Vial: 20
Acq On : 6 Oct 2000 19:45 Operator: MES
Sample : WG85403 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration







TIC: 9M12675.D

(75) tert-Butylbenzene (T)

17.29min 0.51ug/L m

response 16589

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	56.53
134.10	26.20	23.80
0.00	0.00	0.00

MEP 10/9/00

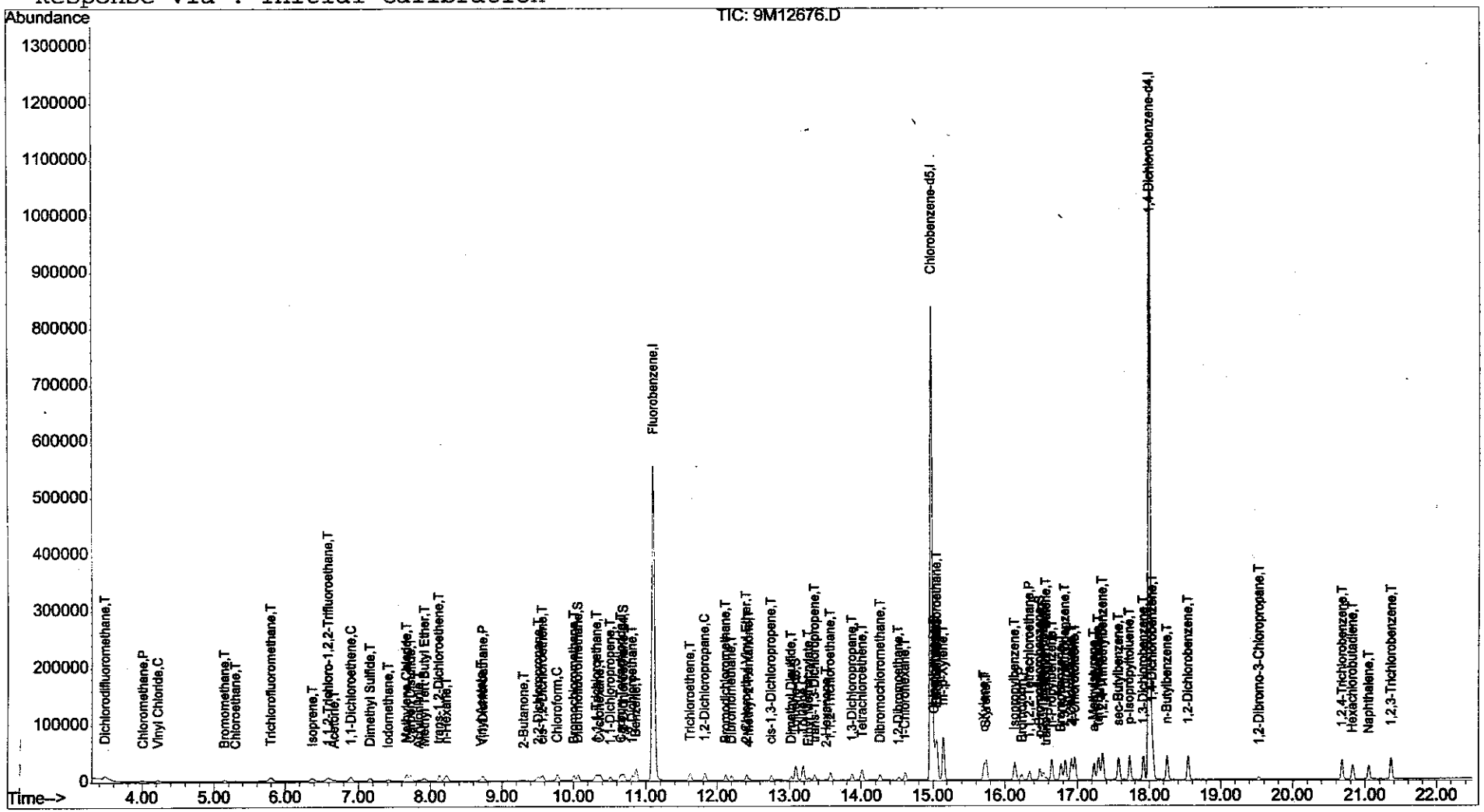
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9M12675.D 8260WT3.M Fri Oct 06 21:04:08 2000 HPMS_9

Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12676.D Vial: 21
Acq On : 6 Oct 2000 20:16 Operator: MES
Sample : WG85403 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:05 2000 Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12676.D Vial: 21
Acq On : 6 Oct 2000 20:16 Operator: MES
Sample : WG85403 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:05 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	726256	25.00	ug/L		0.02
44) Chlorobenzene-d5	14.98	117	629025	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	405430	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.06	111	7750	1.04	ug/L		0.02
Spiked Amount 25.000	Range 86 - 118		Recovery =	4.16%#			
33) 1,2-Dichloroethane-d4	10.70	65	8196	1.00	ug/L		0.01
Spiked Amount 25.000	Range 80 - 120		Recovery =	4.00%#			
45) Toluene-d8	13.08	98	25367	0.88	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	3.52%#			
66) p-Bromofluorobenzene	16.48	95	9952	0.67	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	2.68%#			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.48	85	9739	1.24	ug/L	#	81
3) Chloromethane	4.01	50	5162	1.09	ug/L	#	52
4) Vinyl Chloride	4.21	62	3921	1.23	ug/L		90
5) Bromomethane	5.14	94	3893	1.53	ug/L		98
6) Chloroethane	5.30	64	2501	0.86	ug/L	#	43
7) Trichlorofluoromethane	5.79	101	13664	1.10	ug/L		97
8) Isoprene	6.38	67	5438m	0.71	ug/L		
10) 1,1,2-Trichloro-1,2,2-Trif	6.59	101	7406	1.11	ug/L		99
11) Acetone	6.67	43	2913	1.74	ug/L	#	62
12) 1,1-Dichloroethene	6.90	96	4981	0.80	ug/L		96
13) Dimethyl Sulfide	7.16	62	4206	0.49	ug/L		94
14) Iodomethane	7.41	142	4293	0.67	ug/L		90
15) Methylene Chloride	7.67	84	7777	0.96	ug/L		93
16) Carbon Disulfide	7.73	76	22352	0.95	ug/L		96
17) Acrylonitrile	7.84	53	764	0.38	ug/L		94
18) Methyl Tert Butyl Ether	7.92	73	8635	0.60	ug/L	#	87
19) trans-1,2-Dichloroethene	8.13	96	6220	0.88	ug/L		90
20) n-Hexane	8.22	57	6865	0.68	ug/L	#	75
21) Vinyl Acetate	8.71	43	2957	0.47	ug/L	#	76
22) 1,1-Dichloroethane	8.73	63	12732	0.90	ug/L		98
23) 2-Butanone	9.30	43	1399	0.59	ug/L	#	53
24) 2,2-Dichloropropane	9.51	77	8959	0.83	ug/L	#	80
25) cis-1,2-Dichloroethene	9.57	96	5847	0.75	ug/L		89
26) Chloroform	9.78	83	13002	0.95	ug/L		97
27) Bromochloromethane	10.00	128	3118	0.93	ug/L		90
29) 1,1,1-Trichloroethane	10.32	97	12315	1.01	ug/L	#	90
30) Cyclohexane	10.36	56	6985	0.56	ug/L	#	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12676.D Vial: 21
Acq On : 6 Oct 2000 20:16 Operator: MES
Sample : WG85403 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:05 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
31)	1,1-Dichloropropene	10.52	75	5934	0.75	ug/L		95
32)	Carbon Tetrachloride	10.66	117	11413	1.09	ug/L		99
34)	1,2-Dichloroethane	10.82	62	9556	0.95	ug/L	#	81
35)	Benzene	10.86	78	26338	0.86	ug/L		100
36)	Trichloroethene	11.62	130	7246	0.93	ug/L		96
37)	1,2-Dichloropropane	11.82	63	6748	0.83	ug/L		89
38)	Bromodichloromethane	12.12	83	9613	0.92	ug/L	#	98
39)	Dibromomethane	12.20	93	3779	0.95	ug/L		97
40)	2-Chloroethyl Vinyl Ether	12.41	63	5709	3.04	ug/L		97
41)	4-Methyl-2-Pentanone	12.45	58	818	0.31	ug/L	#	38
42)	cis-1,3-Dichloropropene	12.76	75	6887	0.66	ug/L		91
43)	Dimethyl Disulfide	13.03	79	2665	0.38	ug/L		84
46)	Toluene	13.19	91	27396	0.80	ug/L		100
47)	Ethyl Methacrylate	13.27	69	4035	0.45	ug/L	#	77
48)	trans-1,3-Dichloropropene	13.35	75	7780	0.76	ug/L		91
49)	1,1,2-Trichloroethane	13.57	97	6435	1.08	ug/L		94
50)	2-Hexanone	13.51	43	1619	0.38	ug/L	#	10
51)	1,3-Dichloropropane	13.87	76	9010	0.90	ug/L		88
52)	Tetrachloroethene	14.02	164	6620	0.96	ug/L		96
53)	Dibromochloromethane	14.26	129	7729	0.99	ug/L		99
54)	1,2-Dibromoethane	14.52	107	5096	0.88	ug/L		96
55)	1-Chlorohexane	14.61	91	5207	0.48	ug/L	#	80
56)	Chlorobenzene	15.03	112	27947	1.00	ug/L		99
57)	1,1,1,2-Tetrachloroethane	15.06	131	9392	1.18	ug/L		96
58)	Ethylbenzene	15.05	106	12261	0.82	ug/L		100
59)	m-,p-Xylene	15.15	106	31105	1.61	ug/L		99
60)	o-Xylene	15.72	106	10627	0.65	ug/L		97
61)	Styrene	15.75	104	23096	0.65	ug/L		97
62)	Bromoform	16.24	173	6740	1.22	ug/L		93
63)	Isopropylbenzene	16.14	105	27849	0.52	ug/L		100
65)	1,1,2,2-Tetrachloroethane	16.34	83	11934	1.43	ug/L		95
67)	1,2,3-Trichloropropane	16.53	110	3332	1.33	ug/L	#	1
68)	trans-1,4-Dichloro-2-Buten	16.56	53	1219	0.51	ug/L	#	1
69)	n-Propylbenzene	16.64	91	40497	0.61	ug/L		98
70)	Bromobenzene	16.78	156	12012	0.95	ug/L		99
71)	1,3,5-Trimethylbenzene	16.84	105	28608	0.73	ug/L		99
72)	2-Chlorotoluene	16.92	91	30045	0.84	ug/L		98
73)	4-Chlorotoluene	16.96	91	32101	0.89	ug/L		99
74)	a-Methylstyrene	17.23	118	12425	0.56	ug/L		97
75)	tert-Butylbenzene	17.29	119	26923	0.84	ug/L		98
76)	1,2,4-Trimethylbenzene	17.35	105	37812	0.92	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12676.D Vial: 21
Acq On : 6 Oct 2000 20:16 Operator: MES
Sample : WG85403 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:05 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) sec-Butylbenzene	17.57	105	38103	0.65	ug/L	99
78) p-Isopropyltoluene	17.72	119	31591	0.64	ug/L	100
79) 1,3-Dichlorobenzene	17.92	146	24852	1.03	ug/L	96
80) 1,4-Dichlorobenzene	18.05	146	29036	1.18	ug/L	96
81) n-Butylbenzene	18.25	91	32145	0.88	ug/L	97
82) 1,2-Dichlorobenzene	18.55	146	24735	1.15	ug/L	99
83) 1,2-Dibromo-3-Chloropropan	19.53	157	2056	1.09	ug/L	90
84) 1,2,4-Trichlorobenzene	20.68	180	17374	1.17	ug/L	97
85) Hexachlorobutadiene	20.83	225	8550	1.37	ug/L	95
86) Naphthalene	21.06	128	26949	1.13	ug/L	100
87) 1,2,3-Trichlorobenzene	21.36	180	17759	1.41	ug/L	98

(#) = qualifier out of range (m) = manual integration

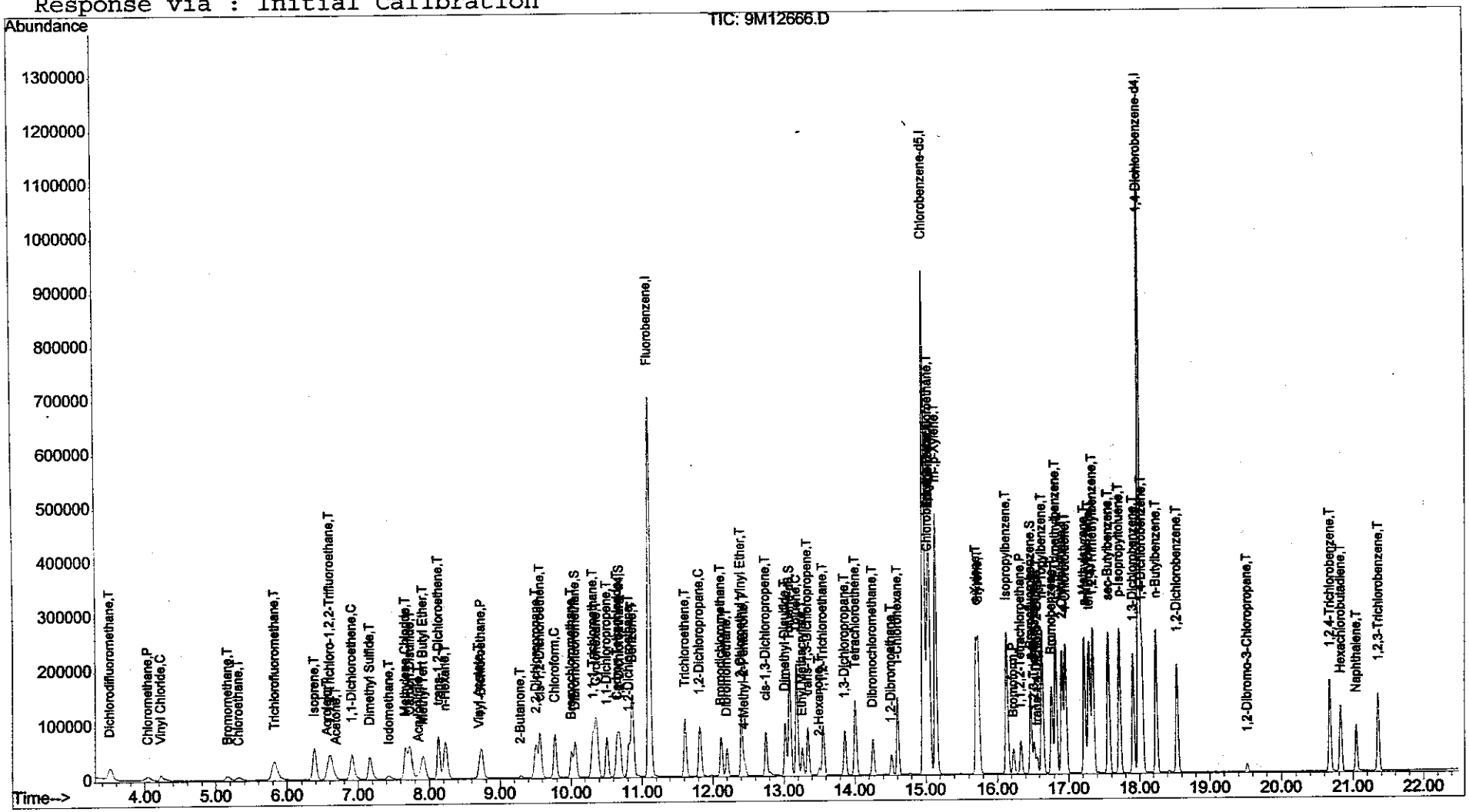
Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D
Acq On : 6 Oct 2000 14:50
Sample : WG85403 5 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:11 2000

Vial: 11
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D Vial: 11
Acq On : 6 Oct 2000 14:50 Operator: MES
Sample : WG85403 5 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:11 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	933513	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	718106	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	421440	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	53976	5.63	ug/L	0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 22.52%#			
33) 1,2-Dichloroethane-d4	10.69	65	53684	5.10	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 20.40%#			
45) Toluene-d8	13.08	98	182222	5.51	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 22.04%#			
66) p-Bromofluorobenzene	16.48	95	67312	4.36	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 17.44%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.51	85	54032	5.34	ug/L #	77
3) Chloromethane	4.05	50	25402	4.15	ug/L	97
4) Vinyl Chloride	4.22	62	18153	4.43	ug/L	100
5) Bromomethane	5.17	94	16157	4.93	ug/L	96
6) Chloroethane	5.32	64	17209	4.61	ug/L	98
7) Trichlorofluoromethane	5.83	101	93349	5.83	ug/L	98
8) Isoprene	6.38	67	51030	5.17	ug/L	93
9) Acrolein	6.56	56	3070m	17.19	ug/L	
10) 1,1,2-Trichloro-1,2,2-Trif	6.59	101	53305	6.23	ug/L	98
11) Acetone	6.69	43	8857	4.13	ug/L	97
12) 1,1-Dichloroethene	6.90	96	41368	5.18	ug/L	96
13) Dimethyl Sulfide	7.17	62	41496	3.76	ug/L	99
14) Iodomethane	7.44	142	14274	1.72	ug/L	99
15) Methylene Chloride	7.67	84	51168	4.90	ug/L	90
16) Carbon Disulfide	7.74	76	145724	4.80	ug/L	100
17) Acrylonitrile	7.84	53	9977	3.82	ug/L	91
18) Methyl Tert Butyl Ether	7.91	73	79833	4.29	ug/L	98
19) trans-1,2-Dichloroethene	8.13	96	46626	5.15	ug/L	96
20) n-Hexane	8.23	57	61533	4.76	ug/L	97
21) Vinyl Acetate	8.70	43	33267	4.12	ug/L	97
22) 1,1-Dichloroethane	8.74	63	89918	4.95	ug/L	99
23) 2-Butanone	9.29	43	8273	2.69	ug/L	100
24) 2,2-Dichloropropane	9.51	77	72359	5.23	ug/L	99
25) cis-1,2-Dichloroethene	9.57	96	53088	5.30	ug/L	96
26) Chloroform	9.78	83	94429	5.39	ug/L	99
27) Bromochloromethane	10.01	128	20563	4.78	ug/L	89
29) 1,1,1-Trichloroethane	10.31	97	87783	5.62	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D Vial: 11
Acq On : 6 Oct 2000 14:50 Operator: MES
Sample : WG85403 5 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:11 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.36	56	75592	4.69	ug/L		94
31)	1,1-Dichloropropene	10.51	75	51127	5.04	ug/L		99
32)	Carbon Tetrachloride	10.66	117	81118	6.02	ug/L		99
34)	1,2-Dichloroethane	10.81	62	66686	5.16	ug/L	#	89
35)	Benzene	10.86	78	199770	5.07	ug/L		99
36)	Trichloroethene	11.62	130	49720	4.96	ug/L		98
37)	1,2-Dichloropropane	11.82	63	48568	4.66	ug/L		93
38)	Bromodichloromethane	12.12	83	67089	4.99	ug/L		98
39)	Dibromomethane	12.20	93	24159	4.73	ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.41	63	63776	24.38	ug/L		95
41)	4-Methyl-2-Pentanone	12.45	58	9722	2.85	ug/L		98
42)	cis-1,3-Dichloropropene	12.75	75	60045	4.50	ug/L		99
43)	Dimethyl Disulfide	13.02	79	35336	3.96	ug/L		96
46)	Toluene	13.18	91	208831	5.36	ug/L		99
47)	Ethyl Methacrylate	13.26	69	36537	3.55	ug/L		99
48)	trans-1,3-Dichloropropene	13.34	75	62422	5.37	ug/L		100
49)	1,1,2-Trichloroethane	13.56	97	38620	5.69	ug/L		99
50)	2-Hexanone	13.50	43	12733	2.59	ug/L	#	47
51)	1,3-Dichloropropane	13.87	76	62000	5.45	ug/L		88
52)	Tetrachloroethene	14.01	164	45276	5.72	ug/L		97
53)	Dibromochloromethane	14.26	129	48281	5.44	ug/L		98
54)	1,2-Dibromoethane	14.52	107	32226	4.86	ug/L		99
55)	1-Chlorohexane	14.61	91	57790	4.68	ug/L		99
56)	Chlorobenzene	15.03	112	156707	4.94	ug/L		99
57)	1,1,1,2-Tetrachloroethane	15.05	131	55849	6.15	ug/L		100
58)	Ethylbenzene	15.05	106	79591	4.72	ug/L		99
59)	m-,p-Xylene	15.14	106	201189	9.23	ug/L		99
60)	o-Xylene	15.70	106	88456	4.74	ug/L		98
61)	Styrene	15.74	104	160934	3.99	ug/L		99
62)	Bromoform	16.23	173	29954	4.76	ug/L		100
63)	Isopropylbenzene	16.13	105	228291	3.77	ug/L		100
65)	1,1,2,2-Tetrachloroethane	16.33	83	41999	4.85	ug/L		99
67)	1,2,3-Trichloropropane	16.53	110	13517	5.18	ug/L	#	1
68)	trans-1,4-Dichloro-2-Buten	16.57	53	9109	3.69	ug/L	#	1
69)	n-Propylbenzene	16.64	91	285836	4.18	ug/L		100
70)	Bromobenzene	16.77	156	64687	4.95	ug/L		98
71)	1,3,5-Trimethylbenzene	16.82	105	202749	5.01	ug/L		100
72)	2-Chlorotoluene	16.91	91	186999	5.02	ug/L		98
73)	4-Chlorotoluene	16.96	91	186065	4.98	ug/L		98
74)	a-Methylstyrene	17.22	118	103013	4.45	ug/L		99
75)	tert-Butylbenzene	17.29	119	183136m	5.48	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D Vial: 11
Acq On : 6 Oct 2000 14:50 Operator: MES
Sample : WG85403 5 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:11 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

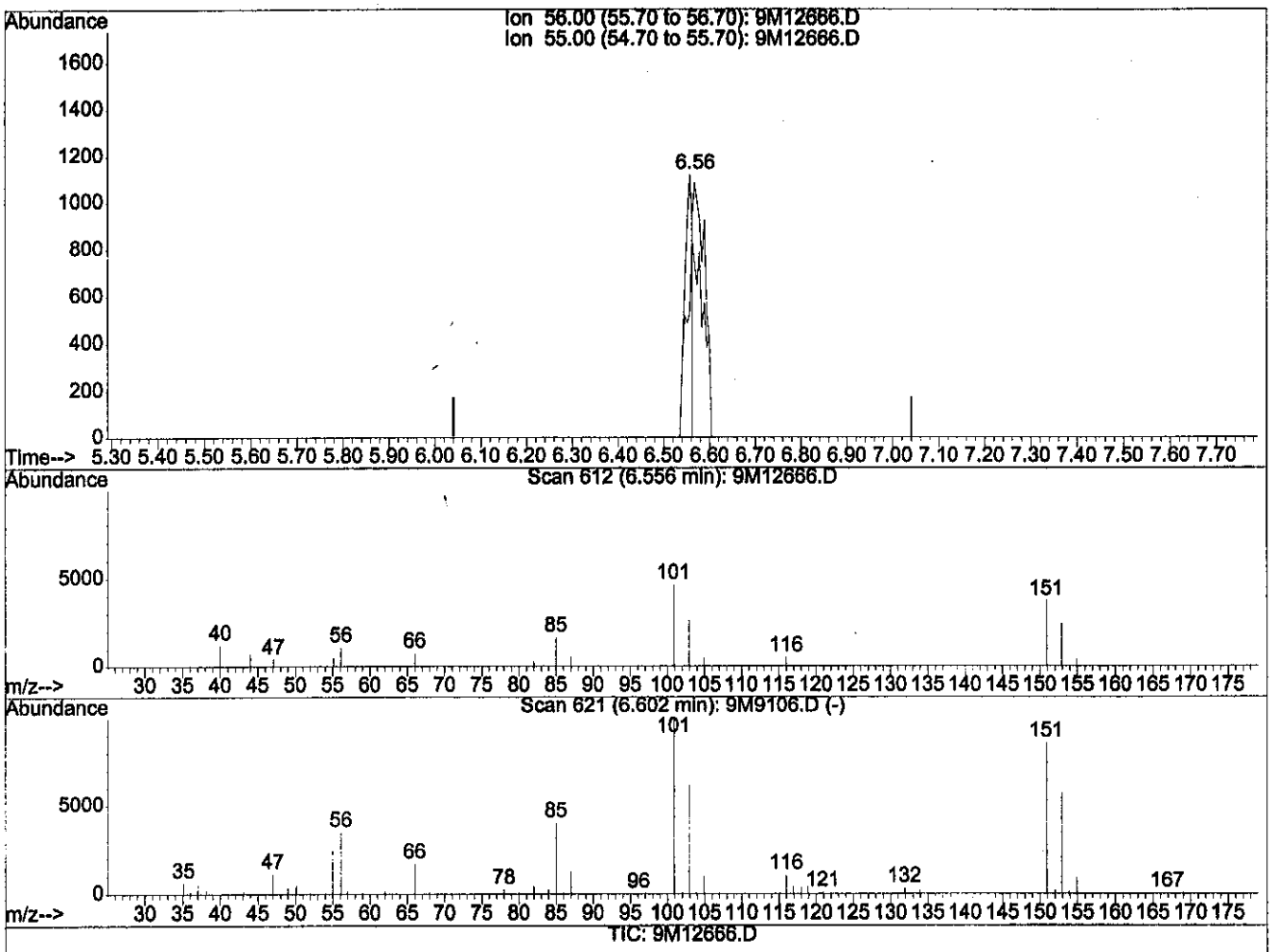
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.34	105	216558	5.09	ug/L	99
77)	sec-Butylbenzene	17.56	105	255547	4.21	ug/L	99
78)	p-Isopropyltoluene	17.72	119	212250	4.17	ug/L	100
79)	1,3-Dichlorobenzene	17.91	146	123703	4.96	ug/L	98
80)	1,4-Dichlorobenzene	18.04	146	130950	5.13	ug/L	93
81)	n-Butylbenzene	18.24	91	199968	5.29	ug/L	100
82)	1,2-Dichlorobenzene	18.54	146	111022	4.97	ug/L	98
83)	1,2-Dibromo-3-Chloropropan	19.53	157	6759	3.44	ug/L	91
84)	1,2,4-Trichlorobenzene	20.68	180	73920	4.81	ug/L	99
85)	Hexachlorobutadiene	20.83	225	36112	5.55	ug/L	99
86)	Naphthalene	21.05	128	89505	3.62	ug/L	100
87)	1,2,3-Trichlorobenzene	21.36	180	62341	4.76	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D Vial: 11
Acq On : 6 Oct 2000 14:50 Operator: MES
Sample : WG85403 5 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 15:13 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Single Level Calibration



(9) Acrolein (T)

6.56min 7.25ug/L

response 1264

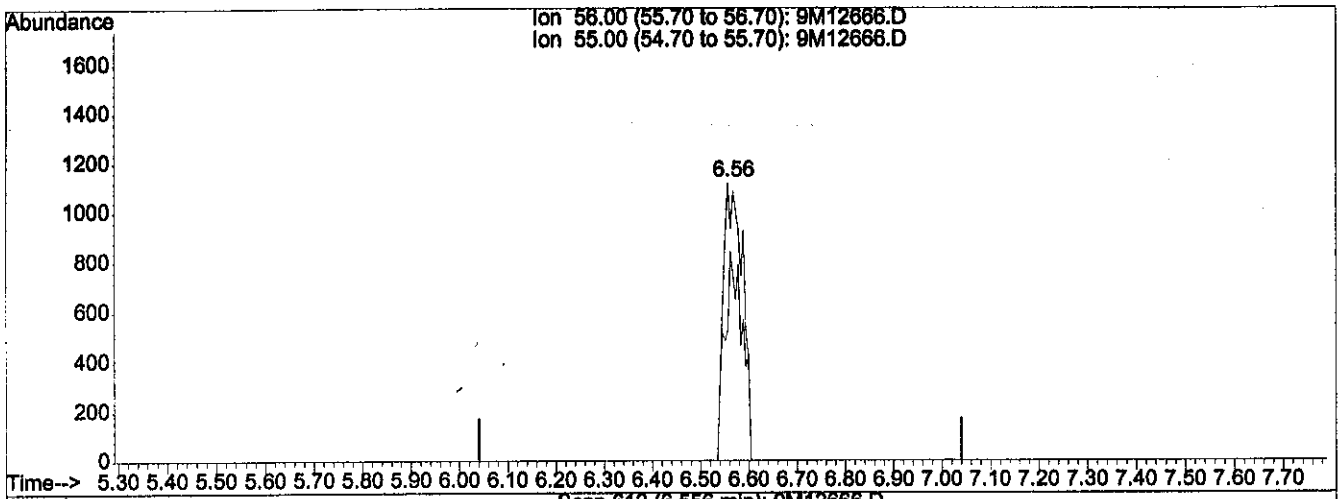
Ion	Exp%	Act%
56.00	100	100
55.00	74.60	170.97#
0.00	0.00	0.00
0.00	0.00	0.00

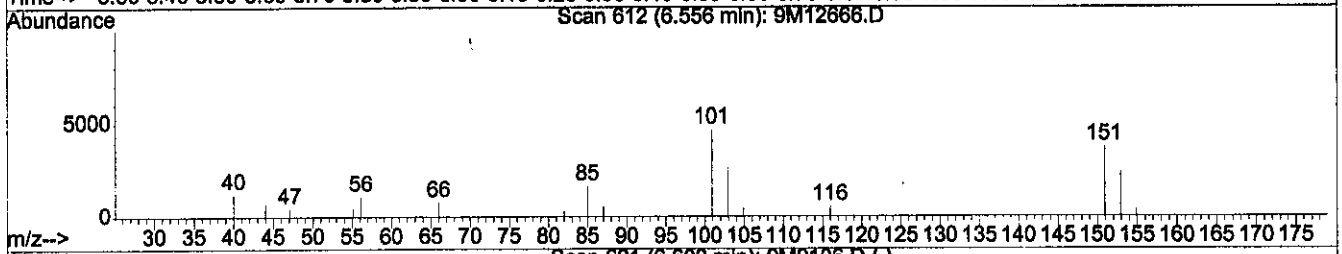
Quantitation Report (Qedit)

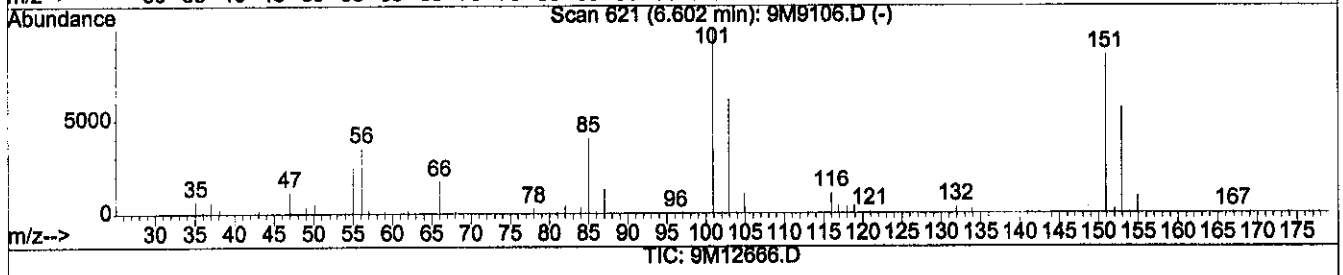
Data File : C:\HPCHEM\1\DATA\100600\9M12666.D
Acq On : 6 Oct 2000 14:50
Sample : WG85403 5 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:08 2000

Vial: 11
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Single Level Calibration







TIC: 9M12666.D

(9) Acrolein (T)

6.56min 17.19ug/L m

response 3070

Ion	Exp%	Act%
56.00	100	100
55.00	74.60	70.39
0.00	0.00	0.00
0.00	0.00	0.00

10/9/00

10/9/00

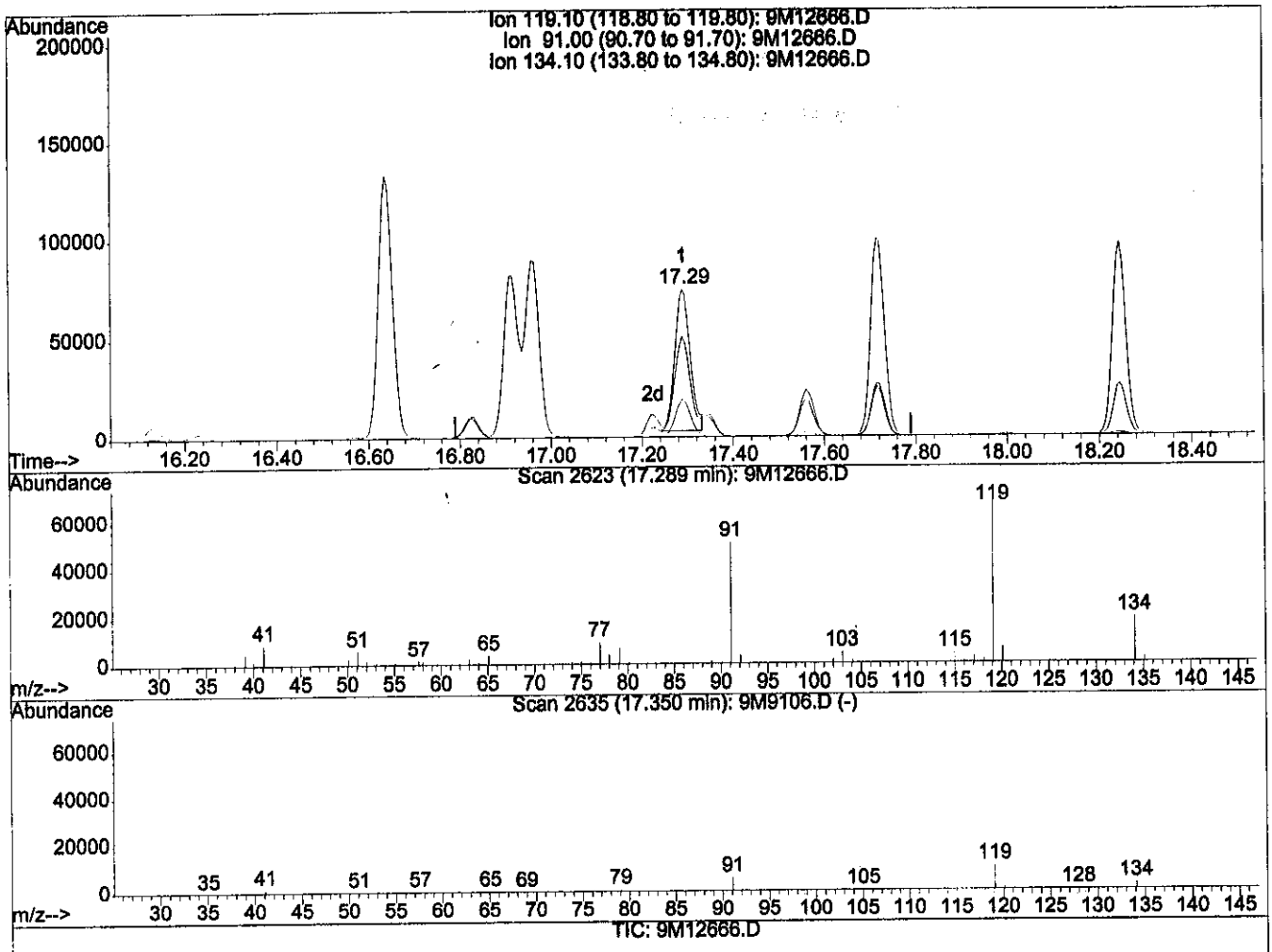
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D
Acq On : 6 Oct 2000 14:50
Sample : WG85403 5 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:08 2000

Vial: 11
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



TIC: 9M12666.D

(75) tert-Butylbenzene (T)

17.29min 4.98ug/L

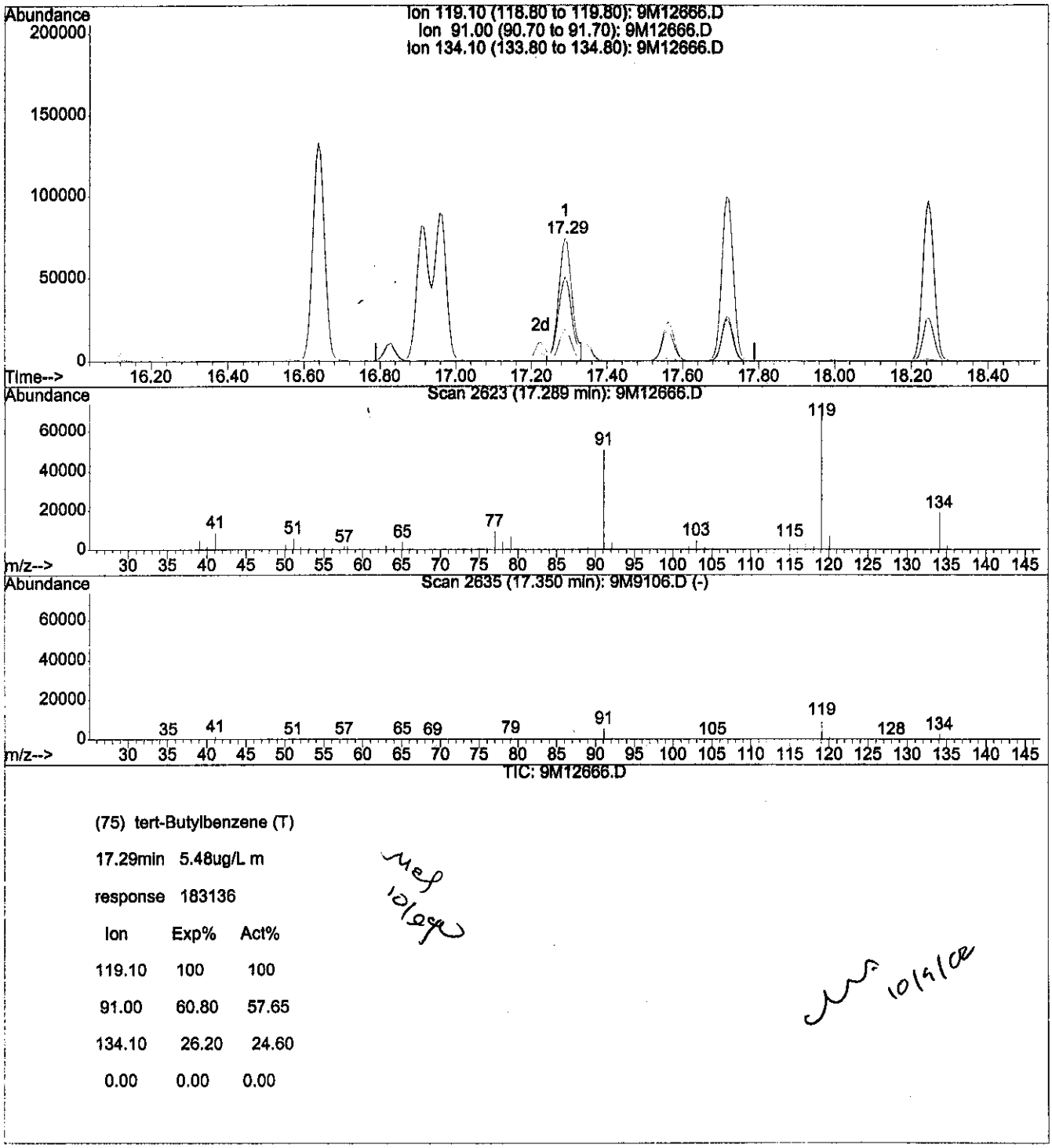
response 166421

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	63.44
134.10	26.20	27.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12666.D Vial: 11
Acq On : 6 Oct 2000 14:50 Operator: MES
Sample : WG85403 5 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:11 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



(75) tert-Butylbenzene (T)

17.29min 5.48ug/L m

response 183136

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	57.65
134.10	26.20	24.60
0.00	0.00	0.00

MeP 10/19/00

MS 10/19/00

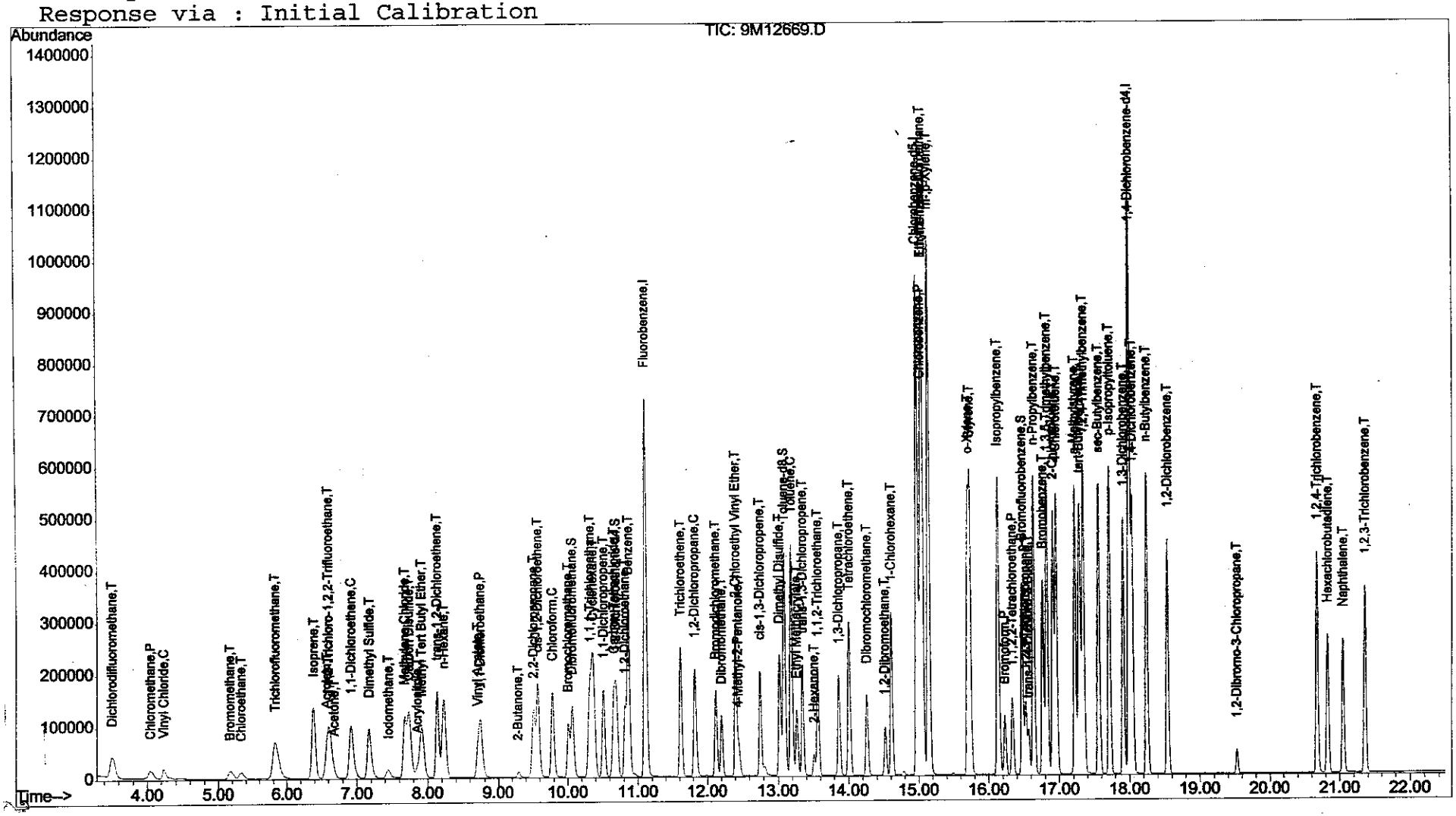
Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D
Acq On : 6 Oct 2000 16:28
Sample : WG85403 10 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:15 2000

Vial: 14
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D
Acq On : 6 Oct 2000 16:28
Sample : WG85403 10 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:15 2000

Vial: 14
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	970546	25.00	ug/L	0.01
44) Chlorobenzene-d5	14.98	117	738870	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	437344	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	119511	11.98	ug/L	0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 47.92%#			
33) 1,2-Dichloroethane-d4	10.70	65	119741	10.94	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 43.76%#			
45) Toluene-d8	13.09	98	413039	12.14	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 48.56%#			
66) p-Bromofluorobenzene	16.48	95	163173	10.19	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 40.76%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.51	85	115005	10.93	ug/L	95
3) Chloromethane	4.04	50	53252	8.29	ug/L	99
4) Vinyl Chloride	4.23	62	38946	9.14	ug/L	97
5) Bromomethane	5.17	94	32627	9.58	ug/L	97
6) Chloroethane	5.33	64	37299	9.60	ug/L	100
7) Trichlorofluoromethane	5.83	101	200299	12.02	ug/L	97
8) Isoprene	6.39	67	127864	12.45	ug/L	94
9) Acrolein	6.57	56	9641	48.20	ug/L	99
10) 1,1,2-Trichloro-1,2,2-Trif	6.60	101	116506	13.10	ug/L	97
11) Acetone	6.68	43	19068	8.54	ug/L	97
12) 1,1-Dichloroethene	6.91	96	95627	11.52	ug/L	96
13) Dimethyl Sulfide	7.18	62	103391	9.01	ug/L	95
14) Iodomethane	7.45	142	42592	4.94	ug/L	99
15) Methylene Chloride	7.68	84	108732	10.01	ug/L	90
16) Carbon Disulfide	7.74	76	313966	9.96	ug/L	100
17) Acrylonitrile	7.85	53	23992	8.84	ug/L	100
18) Methyl Tert Butyl Ether	7.92	73	199445	10.31	ug/L	98
19) trans-1,2-Dichloroethene	8.13	96	109082	11.58	ug/L	93
20) n-Hexane	8.23	57	146187	10.88	ug/L	97
21) Vinyl Acetate	8.71	43	96038	11.43	ug/L	95
22) 1,1-Dichloroethane	8.74	63	194769	10.32	ug/L	99
23) 2-Butanone	9.29	43	21507	6.74	ug/L	97
24) 2,2-Dichloropropane	9.52	77	156465	10.88	ug/L	99
25) cis-1,2-Dichloroethene	9.58	96	121858	11.70	ug/L	95
26) Chloroform	9.79	83	200916	11.03	ug/L	98
27) Bromochloromethane	10.01	128	45316	10.13	ug/L	87
29) 1,1,1-Trichloroethane	10.32	97	191426	11.80	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D Vial: 14
Acq On : 6 Oct 2000 16:28 Operator: MES
Sample : WG85403 10 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:15 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.37	56	176389	10.53	ug/L		92
31)	1,1-Dichloropropene	10.52	75	120694	11.44	ug/L		99
32)	Carbon Tetrachloride	10.66	117	173108	12.36	ug/L		99
34)	1,2-Dichloroethane	10.82	62	146335	10.88	ug/L		95
35)	Benzene	10.87	78	433373	10.57	ug/L		99
36)	Trichloroethene	11.62	130	113974	10.94	ug/L		99
37)	1,2-Dichloropropane	11.82	63	110802	10.23	ug/L		96
38)	Bromodichloromethane	12.13	83	148036	10.59	ug/L		98
39)	Dibromomethane	12.21	93	55432	10.43	ug/L		100
40)	2-Chloroethyl Vinyl Ether	12.41	63	159682	53.14	ug/L		96
41)	4-Methyl-2-Pentanone	12.45	58	23596	6.65	ug/L		96
42)	cis-1,3-Dichloropropene	12.75	75	147923	10.67	ug/L		100
43)	Dimethyl Disulfide	13.02	79	91595	9.87	ug/L		98
46)	Toluene	13.18	91	462569	11.53	ug/L		100
47)	Ethyl Methacrylate	13.26	69	91802	8.67	ug/L		100
48)	trans-1,3-Dichloropropene	13.34	75	150516	12.57	ug/L		100
49)	1,1,2-Trichloroethane	13.57	97	88137	12.63	ug/L		100
50)	2-Hexanone	13.50	43	35001	6.91	ug/L		97
51)	1,3-Dichloropropane	13.87	76	148134	12.65	ug/L		86
52)	Tetrachloroethene	14.01	164	100863	12.39	ug/L		99
53)	Dibromochloromethane	14.26	129	113665	12.45	ug/L		99
54)	1,2-Dibromoethane	14.52	107	80212	11.75	ug/L		99
55)	1-Chlorohexane	14.61	91	138602	10.92	ug/L		96
56)	Chlorobenzene	15.03	112	342349	10.61	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.06	131	124343	13.30	ug/L		99
58)	Ethylbenzene	15.05	106	176338	10.30	ug/L		98
59)	m-,p-Xylene	15.15	106	439177	19.83	ug/L		99
60)	o-Xylene	15.71	106	207844	10.83	ug/L		98
61)	Styrene	15.74	104	368131	8.96	ug/L		98
62)	Bromoform	16.23	173	73757	11.39	ug/L		99
63)	Isopropylbenzene	16.13	105	537169	8.71	ug/L		99
65)	1,1,2,2-Tetrachloroethane	16.34	83	102563	11.42	ug/L		99
67)	1,2,3-Trichloropropane	16.53	110	31863	11.77	ug/L		94
68)	trans-1,4-Dichloro-2-Buten	16.57	53	23177	9.04	ug/L	#	68
69)	n-Propylbenzene	16.64	91	648128	9.25	ug/L		100
70)	Bromobenzene	16.77	156	149205	11.00	ug/L		96
71)	1,3,5-Trimethylbenzene	16.83	105	461064	10.98	ug/L		99
72)	2-Chlorotoluene	16.92	91	403514	10.44	ug/L		97
73)	4-Chlorotoluene	16.96	91	433997	11.18	ug/L		98
74)	a-Methylstyrene	17.22	118	240119	10.00	ug/L		100
75)	tert-Butylbenzene	17.29	119	410029m	11.83	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D Vial: 14
Acq On : 6 Oct 2000 16:28 Operator: MES
Sample : WG85403 10 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:15 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76) 1,2,4-Trimethylbenzene	17.35	105	487706	11.04	ug/L	99
77) sec-Butylbenzene	17.57	105	585456	9.41	ug/L	100
78) p-Isopropyltoluene	17.72	119	491754	9.42	ug/L	99
79) 1,3-Dichlorobenzene	17.92	146	283128	10.93	ug/L	98
80) 1,4-Dichlorobenzene	18.05	146	294368	11.12	ug/L	96
81) n-Butylbenzene	18.24	91	455908	11.62	ug/L	99
82) 1,2-Dichlorobenzene	18.54	146	259197	11.19	ug/L	98
83) 1,2-Dibromo-3-Chloropropan	19.52	157	18773	9.20	ug/L	98
84) 1,2,4-Trichlorobenzene	20.68	180	185419	11.62	ug/L	98
85) Hexachlorobutadiene	20.83	225	80475	11.92	ug/L	99
86) Naphthalene	21.05	128	271235	10.57	ug/L	100
87) 1,2,3-Trichlorobenzene	21.36	180	158757	11.69	ug/L	100

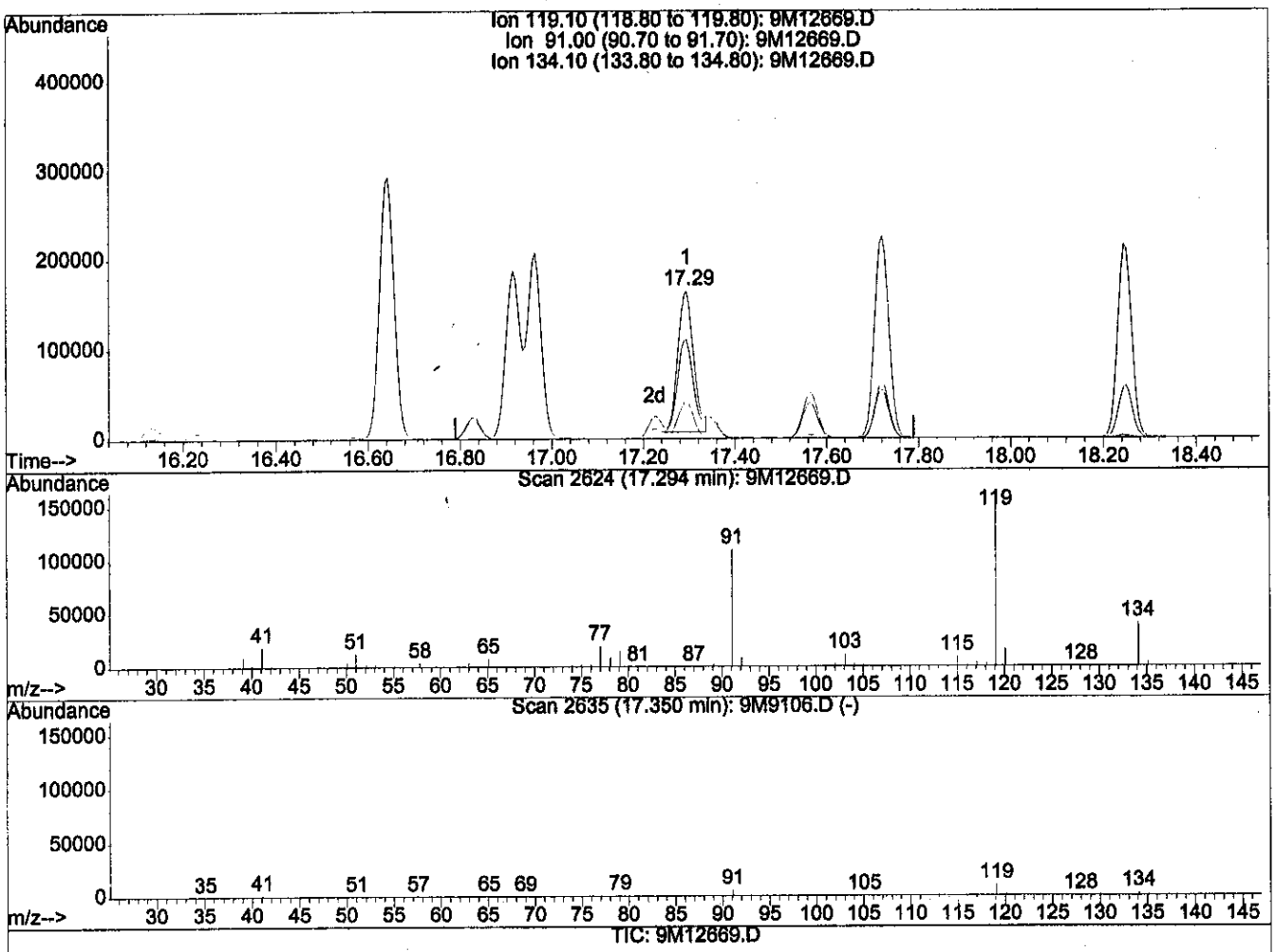
(#) = qualifier out of range (m) = manual integration
9M12669.D 8260WT.M Fri Oct 06 22:05:31 2000 HPMS_9 Page 207

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D
Acq On : 6 Oct 2000 16:28
Sample : WG85403 10 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 16:51 2000

Vial: 14
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



TIC: 9M12669.D

(75) tert-Butylbenzene (T)

17.29min 10.77ug/L

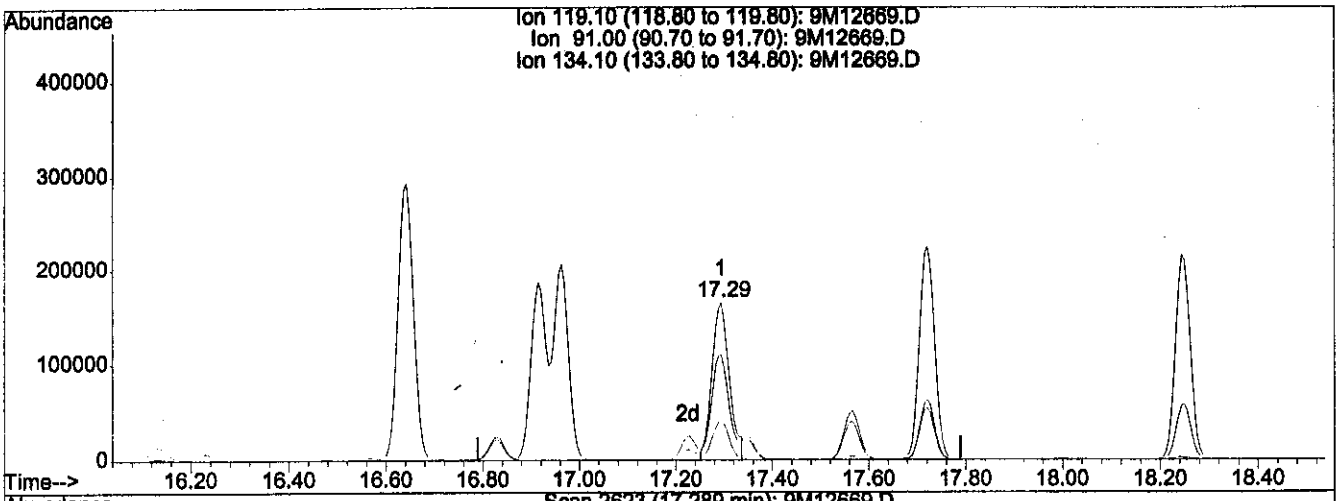
response 373151

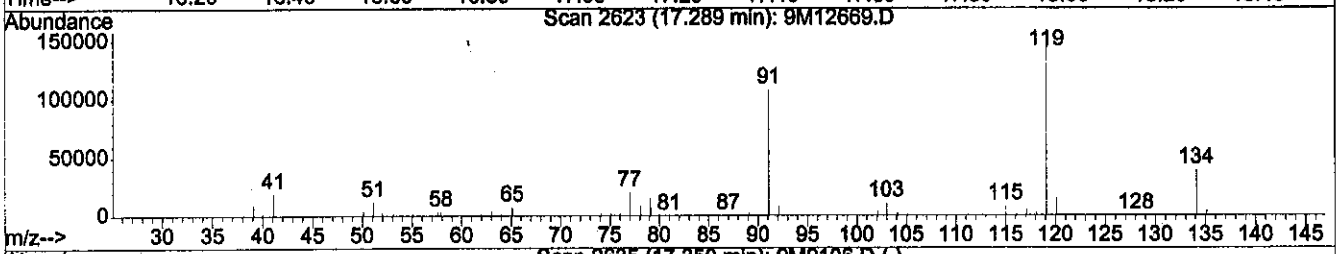
Ion	Exp%	Act%
119.10	100	100
91.00	60.80	61.33
134.10	26.20	26.91
0.00	0.00	0.00

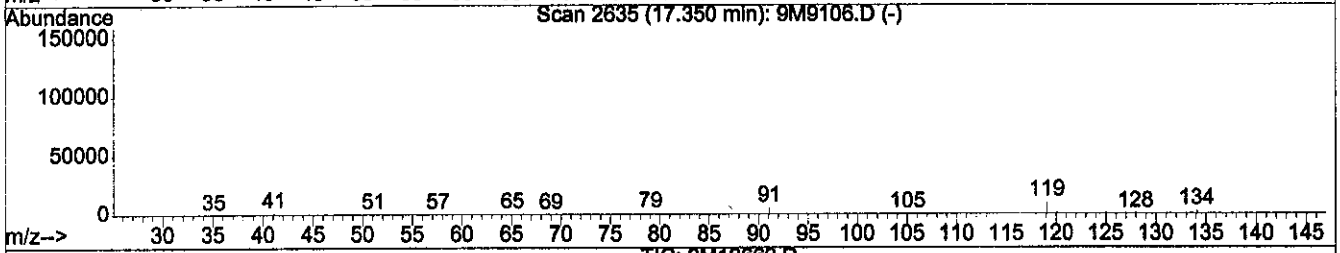
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12669.D Vial: 14
Acq On : 6 Oct 2000 16:28 Operator: MES
Sample : WG85403 10 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:15 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration







TIC: 9M12669.D

(75) tert-Butylbenzene (T)

17.29min 11.83ug/L m

response 410029

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	55.82
134.10	26.20	24.49
0.00	0.00	0.00

10/9/00

10/9/00

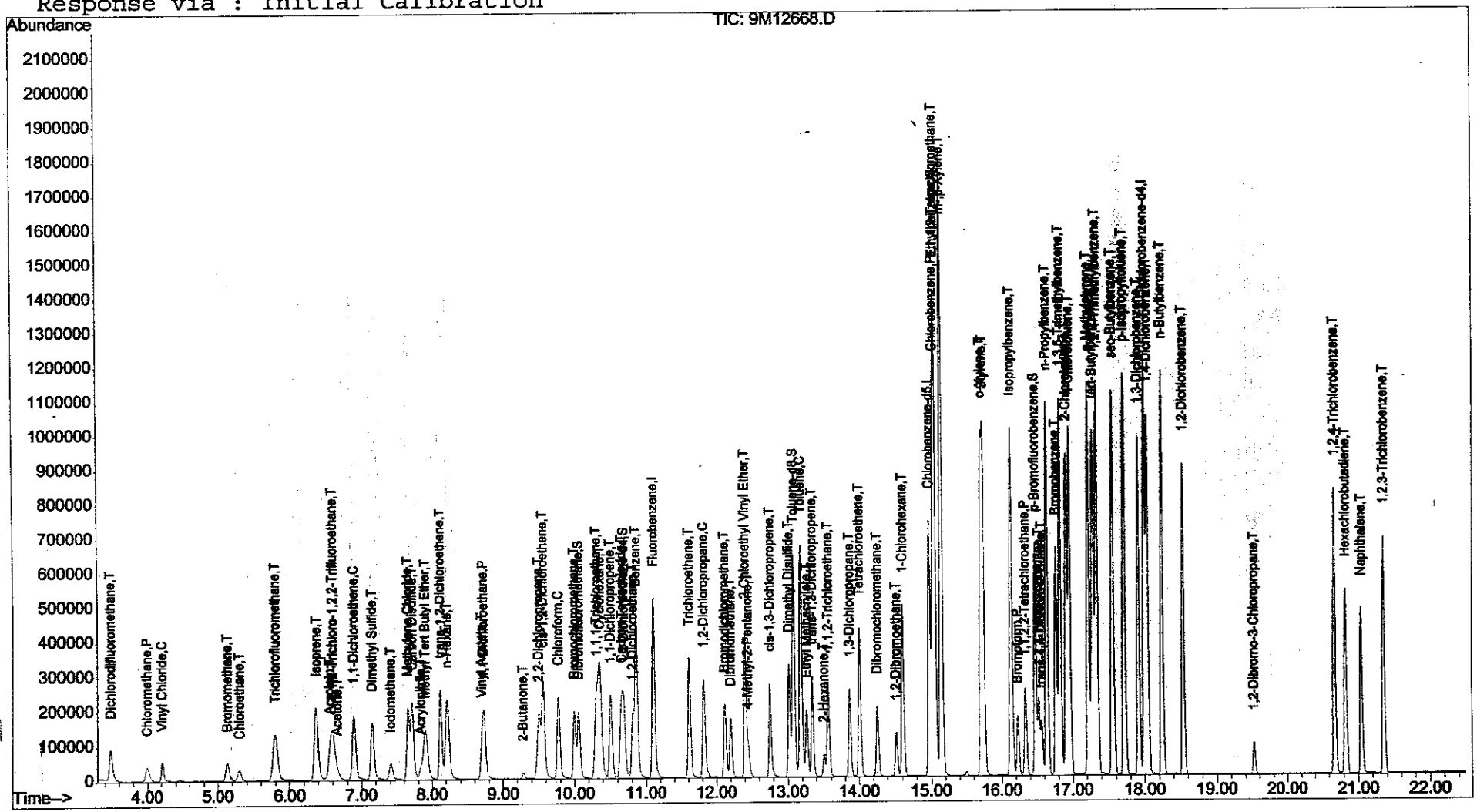
Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12668.D
Acq On : 6 Oct 2000 15:57
Sample : WG85403 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:17 2000

Vial: 13
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12668.D Vial: 13
Acq On : 6 Oct 2000 15:57 Operator: MES
Sample : WG85403 20 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:17 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	678216	25.00	ug/L	0.01
44) Chlorobenzene-d5	14.97	117	569860	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	450610	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	167832	24.08	ug/L	0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 96.32%			
33) 1,2-Dichloroethane-d4	10.69	65	167993	21.96	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 87.84%			
45) Toluene-d8	13.08	98	614260	23.41	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 93.64%			
66) p-Bromofluorobenzene	16.47	95	307314	18.62	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 74.48%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.48	85	170657	23.20	ug/L	95
3) Chloromethane	3.99	50	101295	21.87	ug/L	99
4) Vinyl Chloride	4.21	62	75360	25.32	ug/L	100
5) Bromomethane	5.13	94	71976	30.24	ug/L	100
6) Chloroethane	5.30	64	55903	20.59	ug/L	99
7) Trichlorofluoromethane	5.79	101	290394	24.95	ug/L	98
8) Isoprene	6.37	67	192990	26.89	ug/L	94
9) Acrolein	6.55	56	18569	115.12	ug/L	96
10) 1,1,2-Trichloro-1,2,2-Trif	6.59	101	163655	26.33	ug/L	97
11) Acetone	6.66	43	28005	17.95	ug/L	99
12) 1,1-Dichloroethene	6.89	96	140780	24.28	ug/L	97
13) Dimethyl Sulfide	7.15	62	153820	19.18	ug/L	96
14) Iodomethane	7.41	142	94193	15.63	ug/L	99
15) Methylene Chloride	7.66	84	158328	20.86	ug/L	88
16) Carbon Disulfide	7.72	76	478371	21.71	ug/L	100
17) Acrylonitrile	7.83	53	35858	18.90	ug/L	99
18) Methyl Tert Butyl Ether	7.90	73	303378	22.45	ug/L	98
19) trans-1,2-Dichloroethene	8.12	96	159480	24.23	ug/L	96
20) n-Hexane	8.22	57	216045	23.01	ug/L	97
21) Vinyl Acetate	8.70	43	143492	24.43	ug/L	97
22) 1,1-Dichloroethane	8.73	63	302302	22.92	ug/L	99
23) 2-Butanone	9.28	43	32730	14.67	ug/L	99
24) 2,2-Dichloropropane	9.50	77	235694	23.45	ug/L	100
25) cis-1,2-Dichloroethene	9.56	96	177239	24.35	ug/L	95
26) Chloroform	9.78	83	288968	22.70	ug/L	98
27) Bromochloromethane	10.00	128	76008	24.31	ug/L	88
29) 1,1,1-Trichloroethane	10.31	97	266330	23.49	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12668.D Vial: 13
Acq On : 6 Oct 2000 15:57 Operator: MES
Sample : WG85403 20 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:17 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30)	Cyclohexane	10.36	56	254336	21.72	ug/L	93
31)	1,1-Dichloropropene	10.51	75	173769	23.58	ug/L	100
32)	Carbon Tetrachloride	10.66	117	241196	24.64	ug/L	99
34)	1,2-Dichloroethane	10.81	62	206771	22.01	ug/L	96
35)	Benzene	10.86	78	614038	21.43	ug/L	99
36)	Trichloroethene	11.61	130	162824	22.36	ug/L	98
37)	1,2-Dichloropropane	11.82	63	154543	20.43	ug/L	95
38)	Bromodichloromethane	12.12	83	199915	20.46	ug/L	99
39)	Dibromomethane	12.20	93	82668	22.26	ug/L	99
40)	2-Chloroethyl Vinyl Ether	12.41	63	248899	102.06	ug/L	95
41)	4-Methyl-2-Pentanone	12.45	58	34765	14.02	ug/L	96
42)	cis-1,3-Dichloropropene	12.75	75	205931	21.26	ug/L	100
43)	Dimethyl Disulfide	13.02	79	131048	20.21	ug/L	97
46)	Toluene	13.19	91	699495	22.61	ug/L	99
47)	Ethyl Methacrylate	13.27	69	141171	17.29	ug/L	100
48)	trans-1,3-Dichloropropene	13.35	75	207104	22.43	ug/L	100
49)	1,1,2-Trichloroethane	13.56	97	117335	21.80	ug/L	99
50)	2-Hexanone	13.51	43	54893	14.06	ug/L	97
51)	1,3-Dichloropropane	13.87	76	200772	22.22	ug/L	87
52)	Tetrachloroethene	14.01	164	143081	22.79	ug/L	97
53)	Dibromochloromethane	14.26	129	149993	21.31	ug/L	99
54)	1,2-Dibromoethane	14.52	107	111172	21.11	ug/L	100
55)	1-Chlorohexane	14.61	91	227252	23.21	ug/L	95
56)	Chlorobenzene	15.03	112	518448	21.30	ug/L	100
57)	1,1,1,2-Tetrachloroethane	15.05	131	167605	23.24	ug/L	100
58)	Ethylbenzene	15.05	106	285009	22.20	ug/L	98
59)	m-,p-Xylene	15.14	106	771146	46.64	ug/L	100
60)	o-Xylene	15.70	106	377546	25.52	ug/L	97
61)	Styrene	15.74	104	656152	21.25	ug/L	99
62)	Bromoform	16.23	173	111722	22.38	ug/L	100
63)	Isopropylbenzene	16.13	105	969435	20.93	ug/L	99
65)	1,1,2,2-Tetrachloroethane	16.33	83	172738	18.67	ug/L	99
67)	1,2,3-Trichloropropane	16.53	110	50958	18.28	ug/L	99
68)	trans-1,4-Dichloro-2-Buten	16.57	53	42773	16.20	ug/L	87
69)	n-Propylbenzene	16.64	91	1240427	17.54	ug/L	100
70)	Bromobenzene	16.77	156	266366	19.05	ug/L	97
71)	1,3,5-Trimethylbenzene	16.83	105	894702	20.68	ug/L	99
72)	2-Chlorotoluene	16.92	91	792091	19.89	ug/L	99
73)	4-Chlorotoluene	16.96	91	795813	19.91	ug/L	97
74)	a-Methylstyrene	17.23	118	504077	20.37	ug/L	99
75)	tert-Butylbenzene	17.29	119	796454m	22.30	ug/L	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12668.D Vial: 13
Acq On : 6 Oct 2000 15:57 Operator: MES
Sample : WG85403 20 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:17 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.34	105	940977	20.67	ug/L	100
77)	sec-Butylbenzene	17.56	105	1166377	18.58	ug/L	99
78)	p-Isopropyltoluene	17.72	119	999275	18.98	ug/L	100
79)	1,3-Dichlorobenzene	17.91	146	568412	21.30	ug/L	99
80)	1,4-Dichlorobenzene	18.04	146	582258	21.35	ug/L	99
81)	n-Butylbenzene	18.24	91	922763	22.83	ug/L	99
82)	1,2-Dichlorobenzene	18.54	146	522067	21.88	ug/L	99
83)	1,2-Dibromo-3-Chloropropan	19.53	157	36998	17.60	ug/L	98
84)	1,2,4-Trichlorobenzene	20.68	180	366050	22.26	ug/L	99
85)	Hexachlorobutadiene	20.83	225	159318	22.91	ug/L	98
86)	Naphthalene	21.05	128	501199	18.95	ug/L	100
87)	1,2,3-Trichlorobenzene	21.36	180	304871	21.79	ug/L	99

(#) = qualifier out of range (m) = manual integration

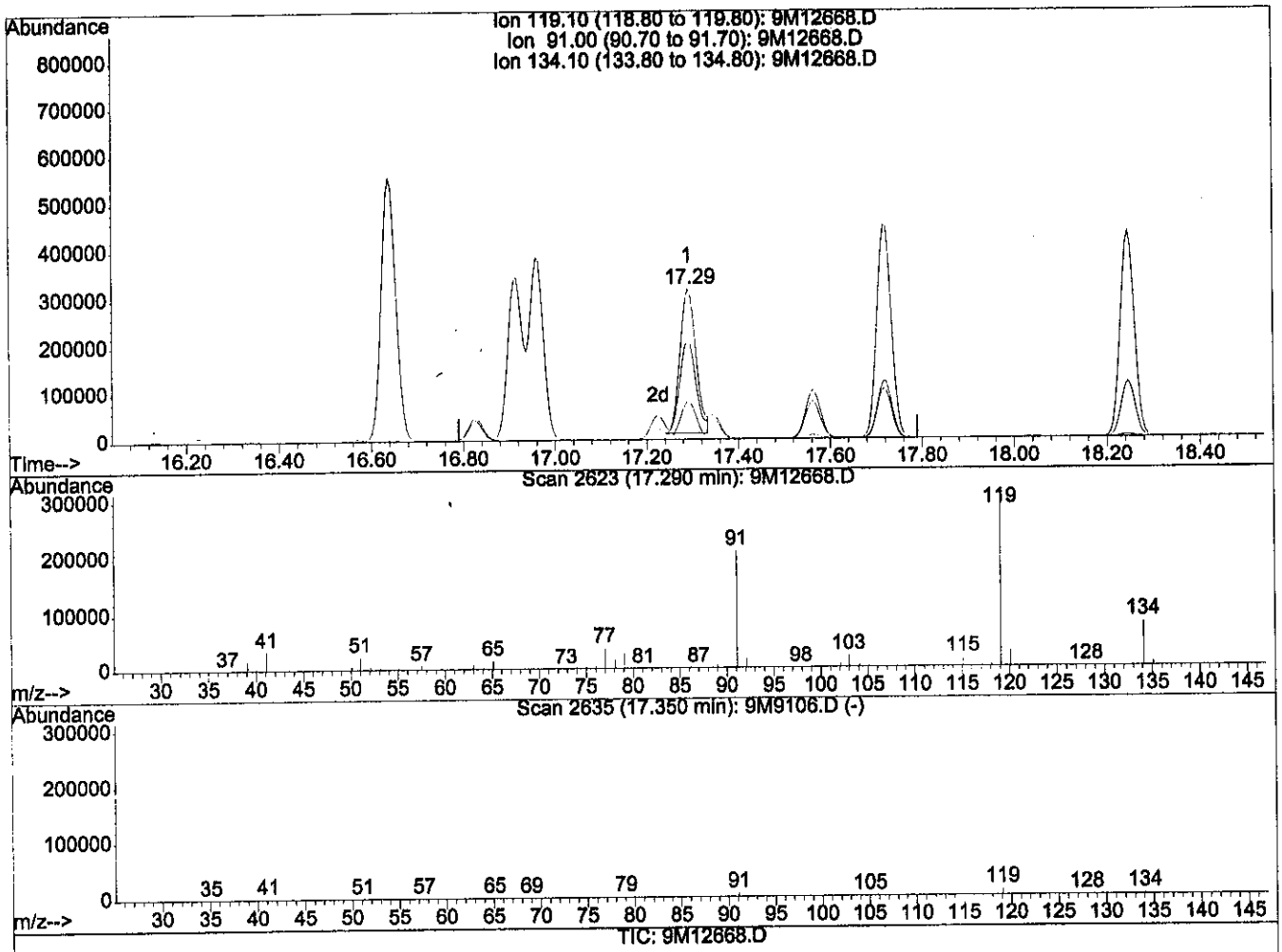
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12668.D
Acq On : 6 Oct 2000 15:57
Sample : WG85403 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 16:19 2000

Vial: 13
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



(75) tert-Butylbenzene (T)

17.29min 20.41ug/L

response 728953

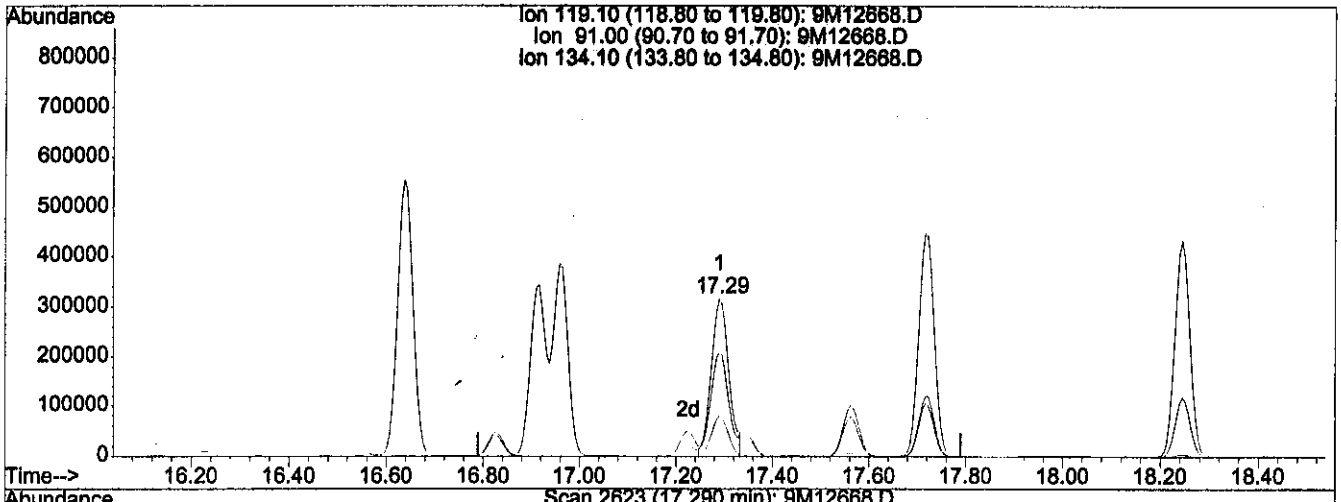
Ion	Exp%	Act%
119.10	100	100
91.00	60.80	60.14
134.10	26.20	26.75
0.00	0.00	0.00

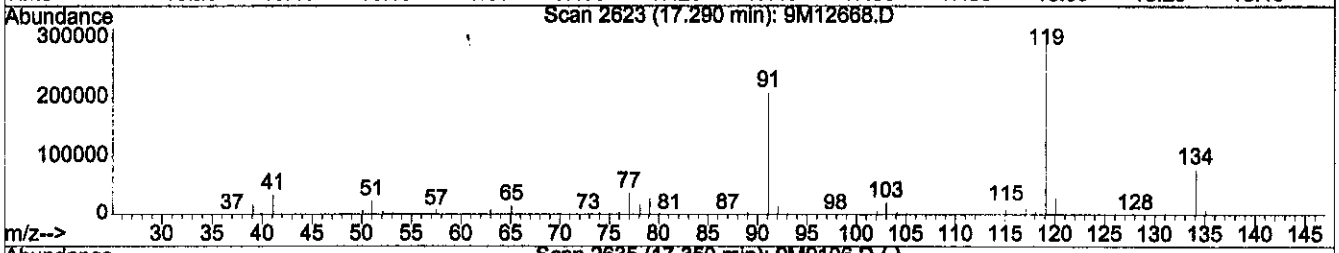
Quantitation Report (Qedit)

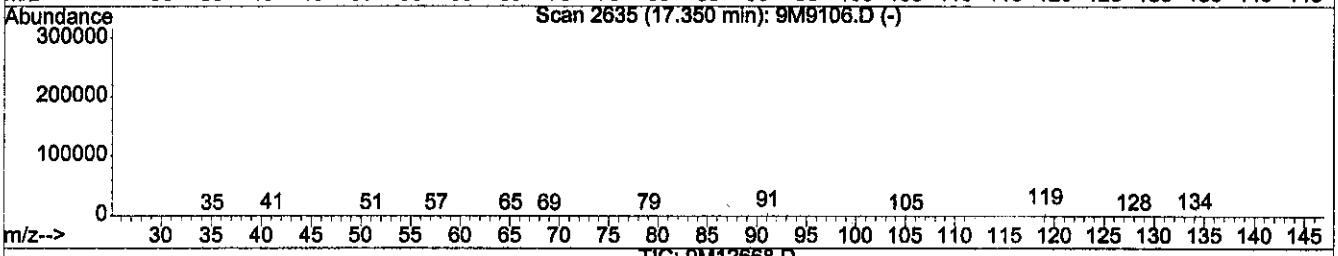
Data File : C:\HPCHEM\1\DATA\100600\9M12668.D
Acq On : 6 Oct 2000 15:57
Sample : WG85403 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:17 2000

Vial: 13
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration







TIC: 9M12668.D

(75) tert-Butylbenzene (T)

17.29min 22.30ug/L m

response 796454

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	55.04
134.10	26.20	24.48
0.00	0.00	0.00

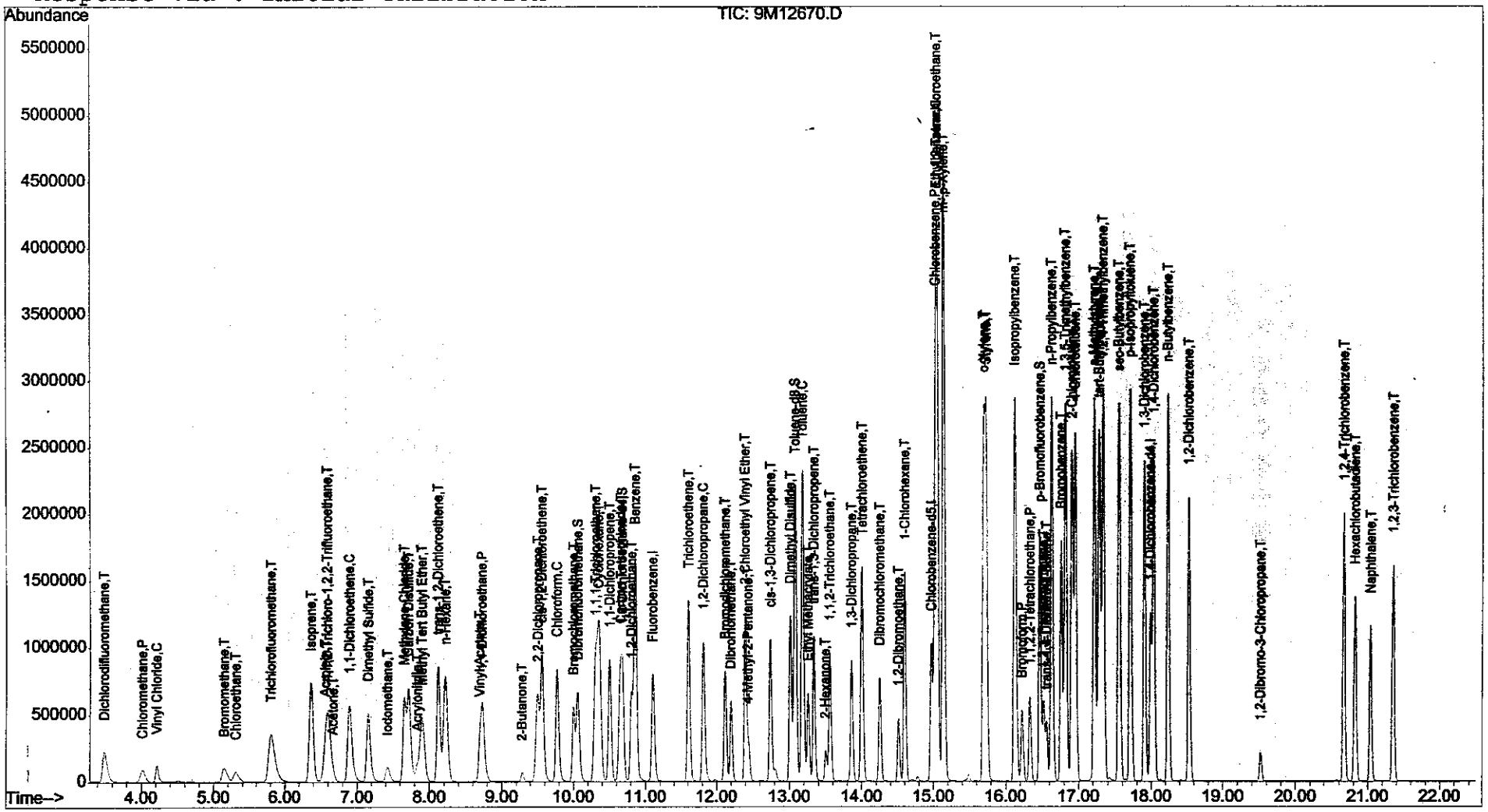
10/9/00

10/9/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12670.D Vial: 15
Acq On : 6 Oct 2000 17:09 Operator: MES
Sample : WG85403 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:20 2000 Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12670.D Vial: 15
Acq On : 6 Oct 2000 17:09 Operator: MES
Sample : WG85403 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:20 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	1024513	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	788579	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	456429	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	619835	58.88	ug/L	0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 235.52%#			
33) 1,2-Dichloroethane-d4	10.69	65	581675	50.34	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 201.36%#			
45) Toluene-d8	13.08	98	2204657	60.71	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 242.84%#			
66) p-Bromofluorobenzene	16.47	95	875461	52.38	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 209.52%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	589790	53.08	ug/L	95
3) Chloromethane	4.01	50	275403	37.96	ug/L	98
4) Vinyl Chloride	4.21	62	211346	47.01	ug/L	99
5) Bromomethane	5.14	94	214633	59.70	ug/L	100
6) Chloroethane	5.31	64	194024	47.31	ug/L	98
7) Trichlorofluoromethane	5.81	101	1026920	58.40	ug/L	98
8) Isoprene	6.37	67	723587	66.74	ug/L	94
9) Acrolein	6.56	56	58743	204.59	ug/L	95
10) 1,1,2-Trichloro-1,2,2-Trif	6.59	101	590644	62.92	ug/L	97
11) Acetone	6.67	43	85848	36.43	ug/L	99
12) 1,1-Dichloroethene	6.90	96	531875	60.72	ug/L	94
13) Dimethyl Sulfide	7.16	62	564497	46.61	ug/L	92
14) Iodomethane	7.42	142	277541	30.49	ug/L	99
15) Methylene Chloride	7.66	84	559370	48.79	ug/L	85
16) Carbon Disulfide	7.72	76	1707781	51.30	ug/L	100
17) Acrylonitrile	7.84	53	124409	43.42	ug/L	99
18) Methyl Tert Butyl Ether	7.91	73	1063820	52.11	ug/L	98
19) trans-1,2-Dichloroethene	8.12	96	586514	59.00	ug/L	93
20) n-Hexane	8.22	57	807330	56.93	ug/L	96
21) Vinyl Acetate	8.69	43	543698	61.29	ug/L #	94
22) 1,1-Dichloroethane	8.74	63	1056048	53.01	ug/L	99
23) 2-Butanone	9.28	43	118592	35.20	ug/L	92
24) 2,2-Dichloropropane	9.51	77	819784	53.99	ug/L	98
25) cis-1,2-Dichloroethene	9.57	96	659172	59.94	ug/L	91
26) Chloroform	9.77	83	1048432	54.51	ug/L	99
27) Bromochloromethane	10.00	128	245224	51.92	ug/L	85
29) 1,1,1-Trichloroethane	10.31	97	1016566	59.35	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12670.D Vial: 15
Acq On : 6 Oct 2000 17:09 Operator: MES
Sample : WG85403 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:20 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) Cyclohexane	10.36	56	957992	54.16	ug/L		91
31) 1,1-Dichloropropene	10.51	75	678169	60.91	ug/L		99
32) Carbon Tetrachloride	10.66	117	917262	62.03	ug/L		99
34) 1,2-Dichloroethane	10.81	62	714886	50.37	ug/L		95
35) Benzene	10.86	78	2299944	53.14	ug/L		100
36) Trichloroethene	11.61	130	646048	58.73	ug/L		98
37) 1,2-Dichloropropane	11.82	63	581183	50.85	ug/L		96
38) Bromodichloromethane	12.12	83	767514	52.01	ug/L		99
39) Dibromomethane	12.20	93	278617	49.65	ug/L		99
40) 2-Chloroethyl Vinyl Ether	12.40	63	747132	169.98	ug/L		93
41) 4-Methyl-2-Pentanone	12.45	58	121456	32.44	ug/L		96
42) cis-1,3-Dichloropropene	12.75	75	815536	55.73	ug/L		99
43) Dimethyl Disulfide	13.02	79	514578	52.54	ug/L		95
46) Toluene	13.18	91	2492895	58.23	ug/L		100
47) Ethyl Methacrylate	13.26	69	494494	43.76	ug/L		100
48) trans-1,3-Dichloropropene	13.34	75	778493	60.94	ug/L		99
49) 1,1,2-Trichloroethane	13.56	97	423359	56.85	ug/L		98
50) 2-Hexanone	13.50	43	192442	35.62	ug/L	#	92
51) 1,3-Dichloropropane	13.87	76	731175	58.48	ug/L		84
52) Tetrachloroethene	14.01	164	554299	63.79	ug/L		98
53) Dibromochloromethane	14.26	129	571417	58.66	ug/L		100
54) 1,2-Dibromoethane	14.52	107	408027	56.00	ug/L		99
55) 1-Chlorohexane	14.61	91	791913	58.45	ug/L		90
56) Chlorobenzene	15.02	112	1655552	52.56	ug/L		100
57) 1,1,1,2-Tetrachloroethane	15.05	131	578459	57.96	ug/L		100
58) Ethylbenzene	15.05	106	873763	53.17	ug/L		97
59) m-,p-Xylene	15.14	106	2173507	102.01	ug/L		98
60) o-Xylene	15.70	106	1107464	54.09	ug/L		96
61) Styrene	15.74	104	1880083	46.46	ug/L		98
62) Bromoform	16.23	173	345606	50.02	ug/L		99
63) Isopropylbenzene	16.13	105	2915913	48.49	ug/L		99
65) 1,1,2,2-Tetrachloroethane	16.33	83	437350	46.67	ug/L		98
67) 1,2,3-Trichloropropane	16.52	110	141338	50.04	ug/L		93
68) trans-1,4-Dichloro-2-Buten	16.57	53	114035	42.64	ug/L		89
69) n-Propylbenzene	16.64	91	3391883	51.79	ug/L		99
70) Bromobenzene	16.77	156	763360	53.90	ug/L		92
71) 1,3,5-Trimethylbenzene	16.82	105	2427890	55.39	ug/L		99
72) 2-Chlorotoluene	16.91	91	2090098	51.81	ug/L		100
73) 4-Chlorotoluene	16.96	91	2128080	52.55	ug/L		97
74) a-Methylstyrene	17.22	118	1334342	53.24	ug/L		99
75) tert-Butylbenzene	17.29	119	2192069m	60.60	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12670.D Vial: 15
Acq On : 6 Oct 2000 17:09 Operator: MES
Sample : WG85403 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:20 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.34	105	2498074	54.17	ug/L	98
77)	sec-Butylbenzene	17.56	105	3099790	52.90	ug/L	99
78)	p-Isopropyltoluene	17.72	119	2630801	53.41	ug/L	99
79)	1,3-Dichlorobenzene	17.91	146	1443947	53.41	ug/L	100
80)	1,4-Dichlorobenzene	18.04	146	1455758	52.69	ug/L	100
81)	n-Butylbenzene	18.24	91	2386876	58.31	ug/L	99
82)	1,2-Dichlorobenzene	18.54	146	1283113	53.08	ug/L	100
83)	1,2-Dibromo-3-Chloropropan	19.52	157	89464	42.01	ug/L	95
84)	1,2,4-Trichlorobenzene	20.68	180	908473	54.54	ug/L	99
85)	Hexachlorobutadiene	20.83	225	422479	59.98	ug/L	98
86)	Naphthalene	21.04	128	1242523	46.39	ug/L	99
87)	1,2,3-Trichlorobenzene	21.35	180	733994	51.79	ug/L	99

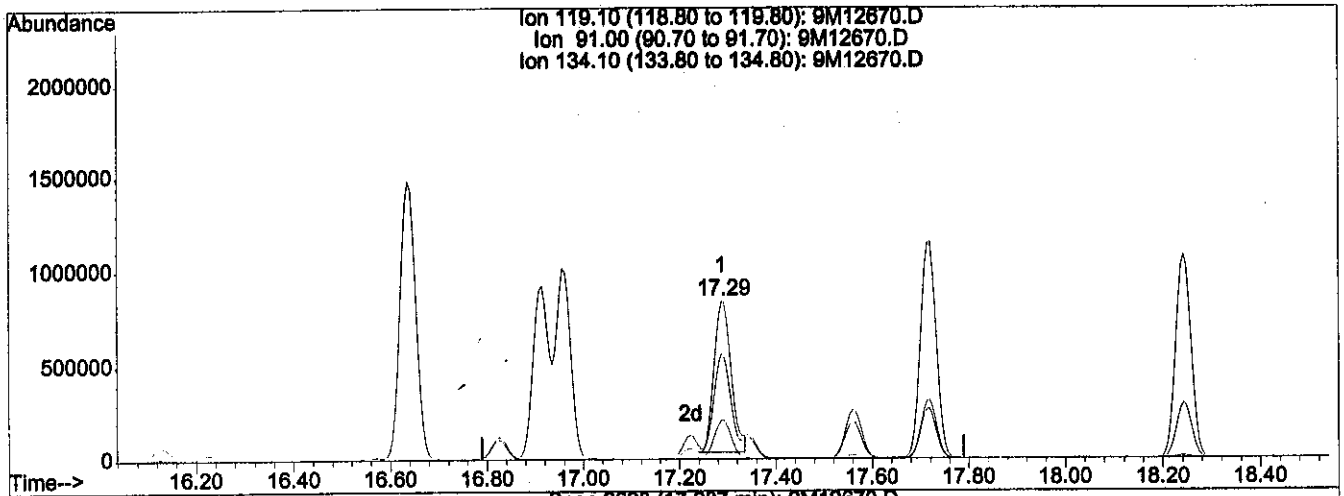
(#) = qualifier out of range (m) = manual integration

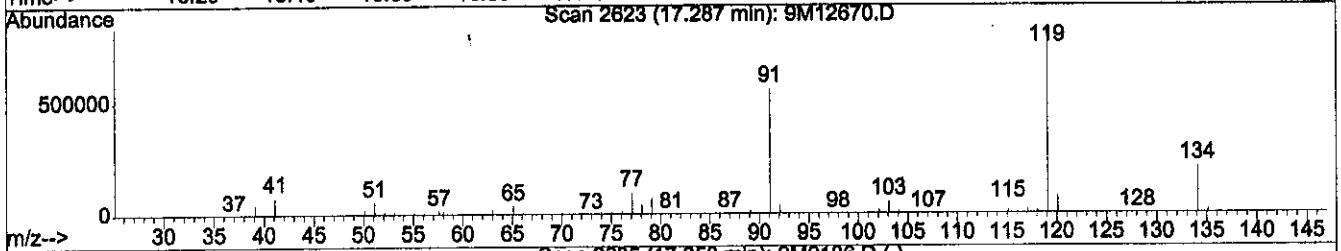
Quantitation Report (Qedit)

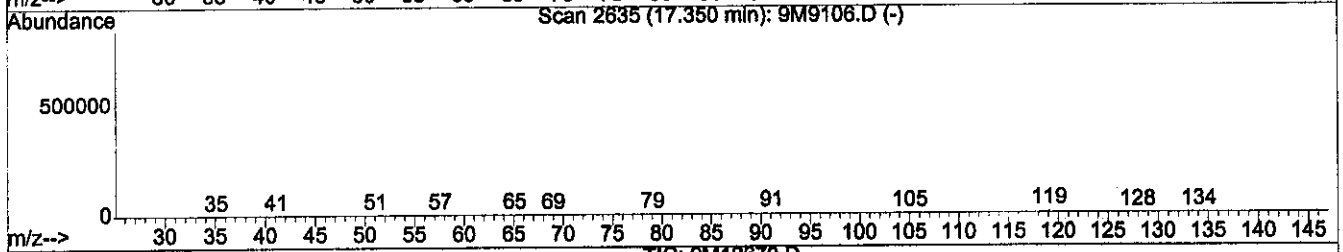
Data File : C:\HPCHEM\1\DATA\100600\9M12670.D
Acq On : 6 Oct 2000 17:09
Sample : WG85403 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 17:32 2000

Vial: 15
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration







TIC: 9M12670.D

(75) tert-Butylbenzene (T)

17.29min 55.13ug/L

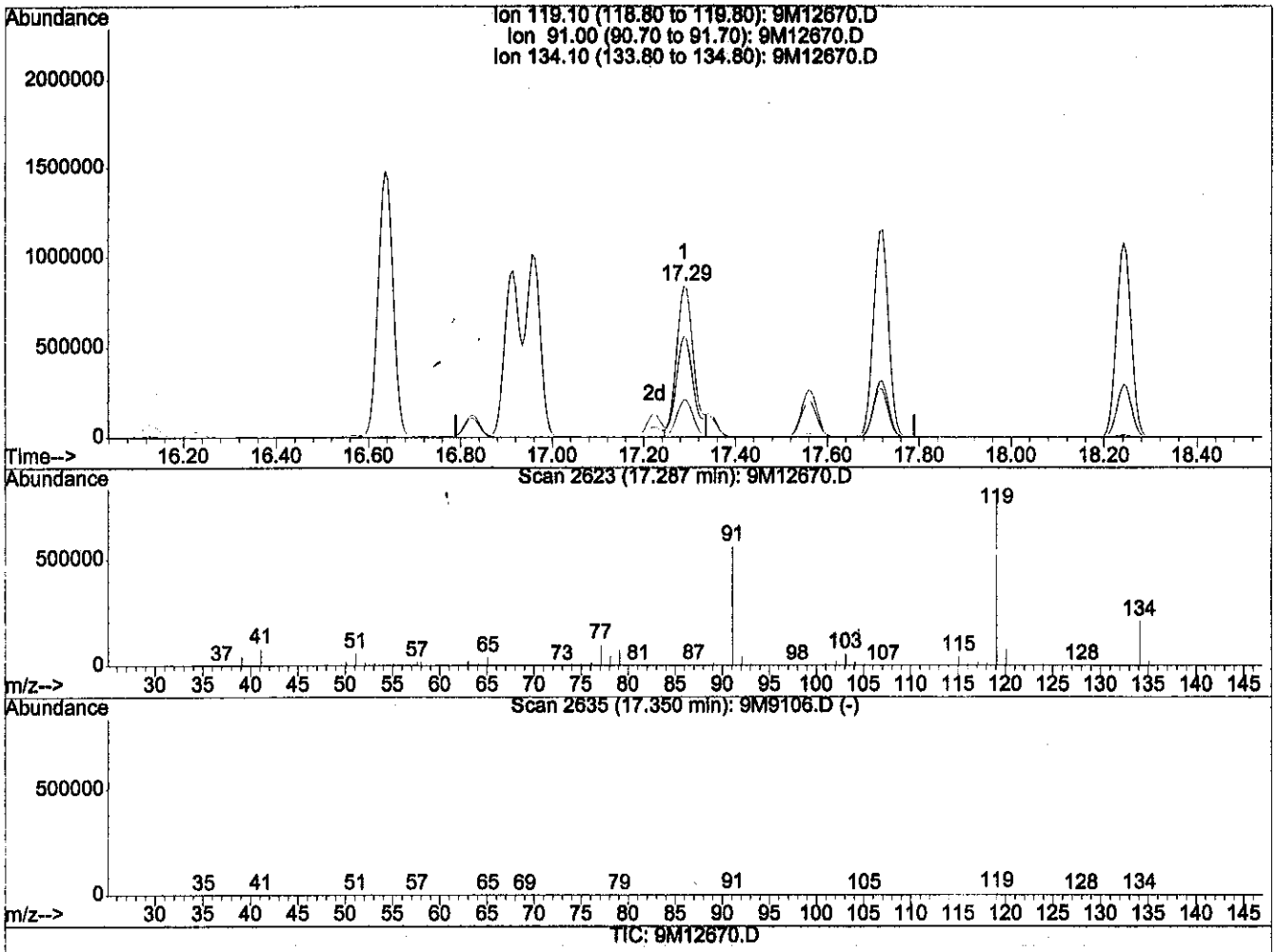
response 1994162

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	59.09
134.10	26.20	26.38
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\100600\9M12670.D Vial: 15
Acq On : 6 Oct 2000 17:09 Operator: MES
Sample : WG85403 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 21:20 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Multiple Level Calibration



(75) tert-Butylbenzene (T)

17.29min 60.60ug/L m

response 2192069

Ion	Exp%	Act%
119.10	100	100
91.00	60.80	53.76
134.10	26.20	23.99
0.00	0.00	0.00

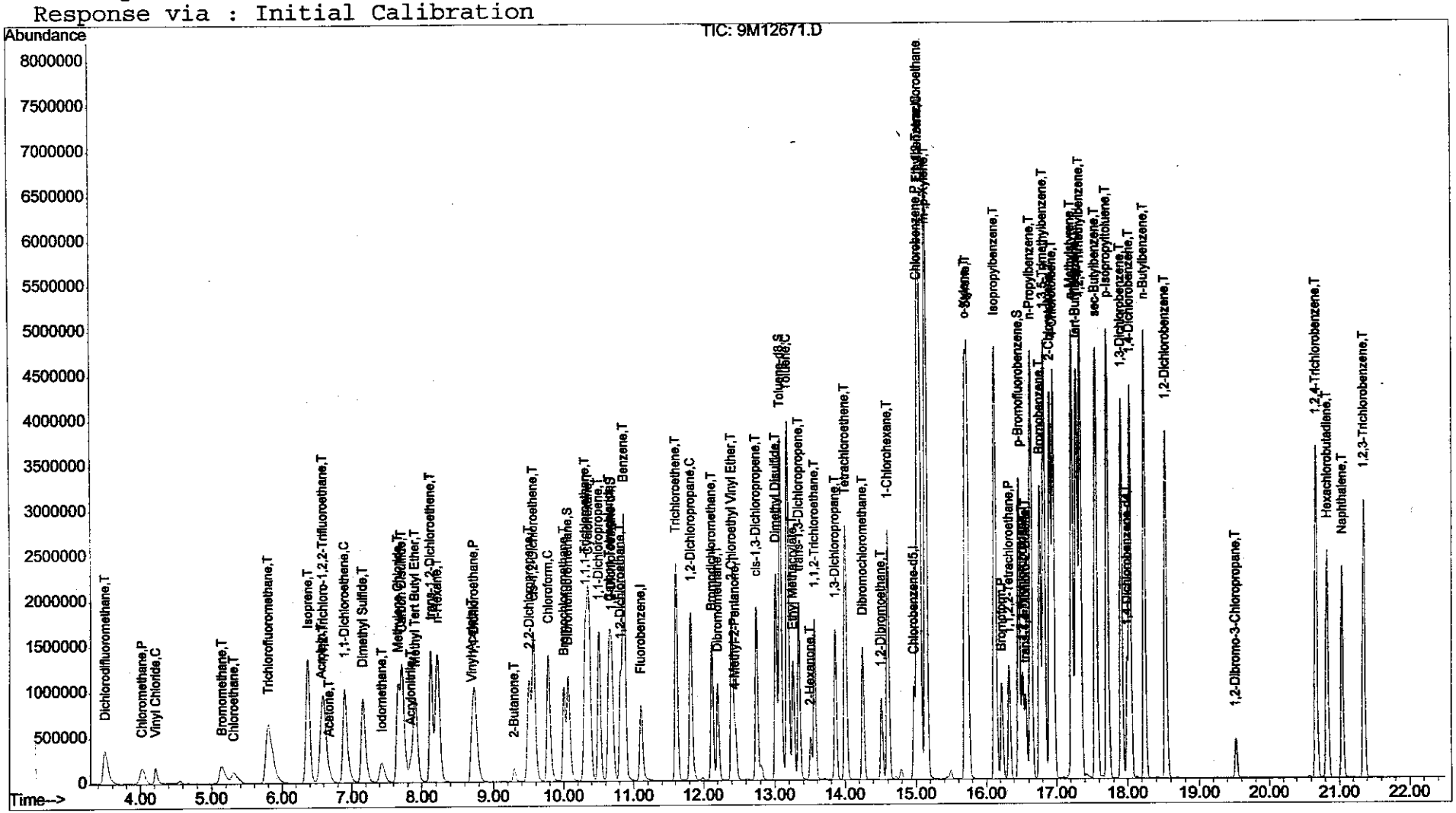
10/9/00

10/9/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12671.D Vial: 16
Acq On : 6 Oct 2000 17:40 Operator: MES
Sample : WG85403 100 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:02 2000 Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12671.D
Acq On : 6 Oct 2000 17:40
Sample : WG85403 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:02 2000

Vial: 16
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	1015990	25.00	ug/L	0.01
44) Chlorobenzene-d5	14.98	117	797068	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	477921	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	1173519	112.41	ug/L	0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 449.64%#			
33) 1,2-Dichloroethane-d4	10.70	65	1076672	93.97	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 375.88%#			
45) Toluene-d8	13.09	98	3955488	107.76	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 431.04%#			
66) p-Bromofluorobenzene	16.48	95	1603976	91.64	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 366.56%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	1088782	98.81	ug/L	95
3) Chloromethane	4.02	50	522781	68.13	ug/L	99
4) Vinyl Chloride	4.22	62	314775	70.60	ug/L	99
5) Bromomethane	5.14	94	437730	122.77	ug/L	99
6) Chloroethane	5.31	64	369159	90.77	ug/L	99
7) Trichlorofluoromethane	5.80	101	1912774	109.68	ug/L	98
8) Isoprene	6.37	67	1380509	128.40	ug/L	92
9) Acrolein	6.57	56	123667	349.00	ug/L	96
10) 1,1,2-Trichloro-1,2,2-Trif	6.59	101	1080511	116.06	ug/L	95
11) Acetone	6.68	43	173980	74.45	ug/L	99
12) 1,1-Dichloroethene	6.90	96	1008991	116.16	ug/L	91
13) Dimethyl Sulfide	7.16	62	1093006	91.00	ug/L	91
14) Iodomethane	7.44	142	591389	65.52	ug/L	99
15) Methylene Chloride	7.66	84	1060451	93.26	ug/L	82
16) Carbon Disulfide	7.72	76	3241781	98.19	ug/L	100
17) Acrylonitrile	7.84	53	248891	87.59	ug/L	100
18) Methyl Tert Butyl Ether	7.91	73	2129423	105.18	ug/L	97
19) trans-1,2-Dichloroethene	8.13	96	1108062	112.39	ug/L	91
20) n-Hexane	8.23	57	1500020	106.67	ug/L	95
21) Vinyl Acetate	8.70	43	1057127	120.16	ug/L #	93
22) 1,1-Dichloroethane	8.74	63	1998492	101.17	ug/L	99
23) 2-Butanone	9.29	43	257028	76.93	ug/L	91
24) 2,2-Dichloropropane	9.51	77	1419742	94.28	ug/L	98
25) cis-1,2-Dichloroethene	9.57	96	1234951	113.23	ug/L	89
26) Chloroform	9.78	83	1992632	104.47	ug/L	99
27) Bromochloromethane	10.01	128	486547	103.87	ug/L #	82
29) 1,1,1-Trichloroethane	10.31	97	1862852	109.66	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12671.D Vial: 16
Acq On : 6 Oct 2000 17:40 Operator: MES
Sample : WG85403 100 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:02 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.37	56	1761201	100.40	ug/L		89
31)	1,1-Dichloropropene	10.51	75	1260805	114.19	ug/L		97
32)	Carbon Tetrachloride	10.66	117	1666158	113.62	ug/L		99
34)	1,2-Dichloroethane	10.81	62	1338475	95.10	ug/L		93
35)	Benzene	10.87	78	4184882	97.50	ug/L		100
36)	Trichloroethene	11.61	130	1205547	110.51	ug/L		97
37)	1,2-Dichloropropane	11.83	63	1068261	94.25	ug/L		96
38)	Bromodichloromethane	12.12	83	1441737	98.51	ug/L		99
39)	Dibromomethane	12.21	93	513502	92.28	ug/L		97
40)	2-Chloroethyl Vinyl Ether	12.41	63	1185642	235.36	ug/L		92
41)	4-Methyl-2-Pentanone	12.45	58	251459	67.72	ug/L		94
42)	cis-1,3-Dichloropropene	12.75	75	1524344	105.03	ug/L		98
43)	Dimethyl Disulfide	13.02	79	996610	102.61	ug/L		94
46)	Toluene	13.18	91	4471113	103.32	ug/L		99
47)	Ethyl Methacrylate	13.26	69	1001618	87.69	ug/L		100
48)	trans-1,3-Dichloropropene	13.35	75	1474667	114.20	ug/L		98
49)	1,1,2-Trichloroethane	13.57	97	802466	106.60	ug/L		97
50)	2-Hexanone	13.50	43	399135	73.08	ug/L	#	90
51)	1,3-Dichloropropane	13.87	76	1387974	109.84	ug/L	#	81
52)	Tetrachloroethene	14.01	164	1019553	116.08	ug/L		99
53)	Dibromochloromethane	14.26	129	1107553	112.49	ug/L		100
54)	1,2-Dibromoethane	14.52	107	802428	108.96	ug/L		100
55)	1-Chlorohexane	14.61	91	1466599	107.09	ug/L		88
56)	Chlorobenzene	15.02	112	2763082	96.04	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.06	131	927580	91.95	ug/L		100
58)	Ethylbenzene	15.06	106	1426714	97.04	ug/L		95
59)	m-,p-Xylene	15.15	106	3515977	182.99	ug/L		95
60)	o-Xylene	15.71	106	1954633	94.45	ug/L		96
61)	Styrene	15.74	104	3317253	89.71	ug/L		98
62)	Bromoform	16.23	173	696242	99.70	ug/L		100
63)	Isopropylbenzene	16.13	105	5115694	94.58	ug/L		98
65)	1,1,2,2-Tetrachloroethane	16.34	83	874122	89.08	ug/L		98
67)	1,2,3-Trichloropropane	16.53	110	279646	94.56	ug/L		96
68)	trans-1,4-Dichloro-2-Buten	16.57	53	236230	84.35	ug/L		89
69)	n-Propylbenzene	16.64	91	5871755	98.03	ug/L		96
70)	Bromobenzene	16.77	156	1442828	97.30	ug/L		91
71)	1,3,5-Trimethylbenzene	16.83	105	4340308	94.57	ug/L		98
72)	2-Chlorotoluene	16.91	91	3963793	93.84	ug/L		99
73)	4-Chlorotoluene	16.96	91	3655582	86.21	ug/L		96
74)	a-Methylstyrene	17.22	118	2468423	94.07	ug/L		100
75)	tert-Butylbenzene	17.29	119	4292170	113.32	ug/L		87

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12671.D Vial: 16
Acq On : 6 Oct 2000 17:40 Operator: MES
Sample : WG85403 100 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:02 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.35	105	4439777	91.95	ug/L	98
77)	sec-Butylbenzene	17.56	105	5523673	102.71	ug/L	97
78)	p-Isopropyltoluene	17.72	119	4679404	103.00	ug/L	99
79)	1,3-Dichlorobenzene	17.92	146	2679402	94.65	ug/L	100
80)	1,4-Dichlorobenzene	18.05	146	2679167	92.61	ug/L	100
81)	n-Butylbenzene	18.25	91	4285866	99.99	ug/L	97
82)	1,2-Dichlorobenzene	18.54	146	2426772	95.88	ug/L	100
83)	1,2-Dibromo-3-Chloropropan	19.53	157	190652	85.51	ug/L	88
84)	1,2,4-Trichlorobenzene	20.68	180	1751387	100.42	ug/L	100
85)	Hexachlorobutadiene	20.83	225	802138	108.76	ug/L	98
86)	Naphthalene	21.04	128	2619726	93.40	ug/L	100
87)	1,2,3-Trichlorobenzene	21.36	180	1464906	98.72	ug/L	100

(#) = qualifier out of range (m) = manual integration

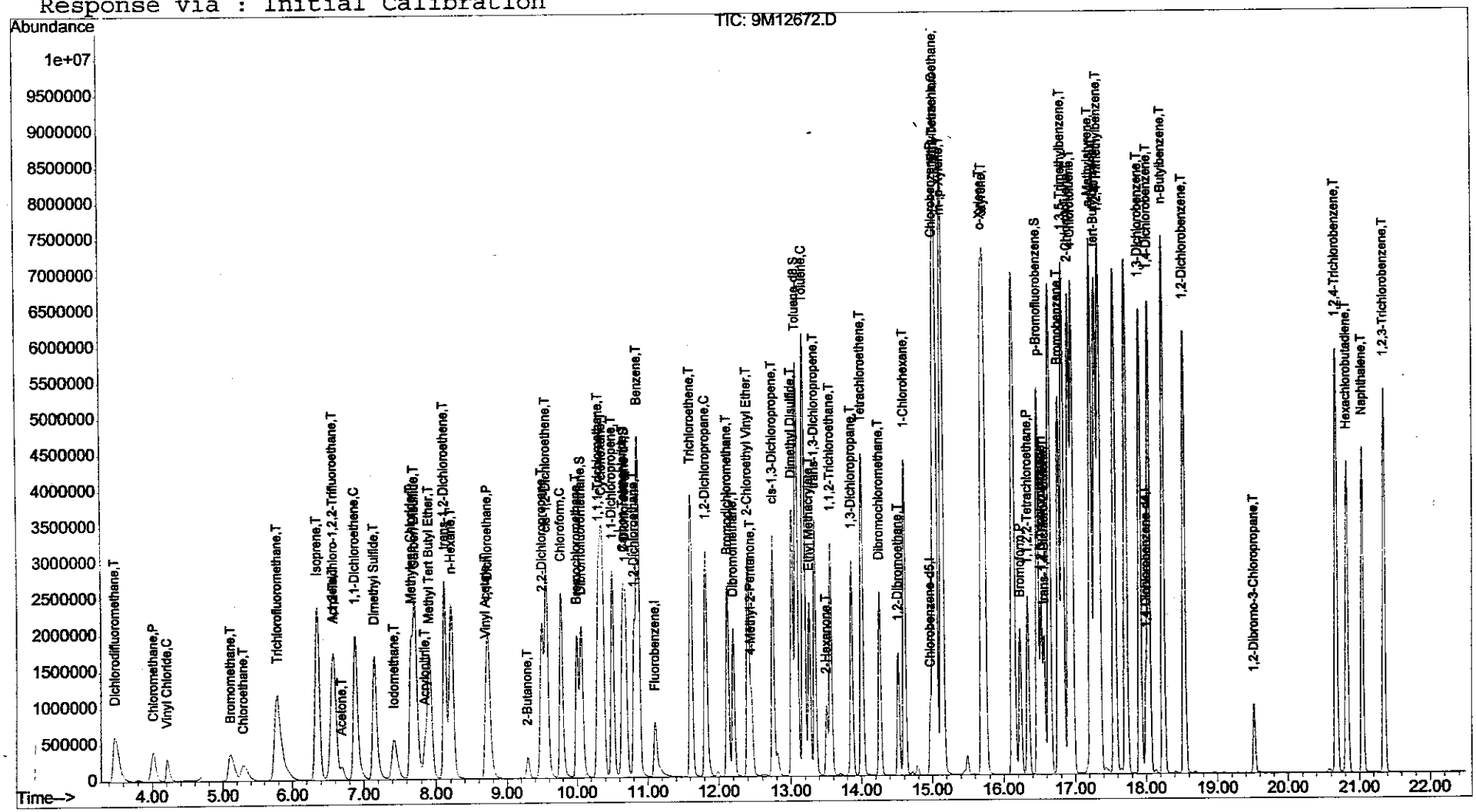
Quantitation Report

Data File : C:\HPCHEM\1\DATA\100600\9M12672.D
Acq On : 6 Oct 2000 18:11
Sample : WG85403 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:33 2000

Vial: 17
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT3.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Fri Oct 06 21:42:55 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12672.D Vial: 17
Acq On : 6 Oct 2000 18:11 Operator: MES
Sample : WG85403 200 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:33 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	967437	25.00	ug/L	0.01
44) Chlorobenzene-d5	14.98	117	805208	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.01	152	503990	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	2049139	206.13	ug/L	0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 824.52%#			
33) 1,2-Dichloroethane-d4	10.70	65	1852169	169.77	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 679.08%#			
45) Toluene-d8	13.09	98	6408805	172.83	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 691.32%#			
66) p-Bromofluorobenzene	16.48	95	2786087	150.95	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 603.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	2074501	197.72	ug/L	94
3) Chloromethane	4.01	50	1155418	138.10	ug/L	99
4) Vinyl Chloride	4.21	62	572029	134.75	ug/L	99
5) Bromomethane	5.11	94	844313	248.68	ug/L	100
6) Chloroethane	5.29	64	717558	185.29	ug/L	99
7) Trichlorofluoromethane	5.78	101	3611596	217.49	ug/L	98
8) Isoprene	6.35	67	2434068	237.75	ug/L	91
9) Acrolein	6.56	56	240742	556.46	ug/L	95
10) 1,1,2-Trichloro-1,2,2-Trif	6.58	101	1891676	213.39	ug/L	93
11) Acetone	6.70	43	353619	158.92	ug/L	95
12) 1,1-Dichloroethene	6.88	96	1871101	226.21	ug/L	89
13) Dimethyl Sulfide	7.15	62	2005775	175.38	ug/L	88
14) Iodomethane	7.42	142	1637829	190.55	ug/L	94
15) Methylene Chloride	7.66	84	1984367	183.28	ug/L #	77
16) Carbon Disulfide	7.71	76	5687059	180.91	ug/L	100
17) Acrylonitrile	7.85	53	495354	183.07	ug/L	99
18) Methyl Tert Butyl Ether	7.91	73	4072710	211.25	ug/L	96
19) trans-1,2-Dichloroethene	8.12	96	1964394	209.25	ug/L	89
20) n-Hexane	8.21	57	2570037	191.93	ug/L	94
21) Vinyl Acetate	8.70	43	1733419	206.93	ug/L #	92
22) 1,1-Dichloroethane	8.74	63	3572247	189.91	ug/L	98
23) 2-Butanone	9.30	43	540531	169.90	ug/L #	88
24) 2,2-Dichloropropane	9.51	77	2790604	194.62	ug/L	98
25) cis-1,2-Dichloroethene	9.57	96	2196187	211.48	ug/L	88
26) Chloroform	9.78	83	3492468	192.30	ug/L	99
27) Bromochloromethane	10.00	128	922952	206.93	ug/L #	78
29) 1,1,1-Trichloroethane	10.31	97	3191818	197.33	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12672.D Vial: 17
Acq On : 6 Oct 2000 18:11 Operator: MES
Sample : WG85403 200 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:33 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30)	Cyclohexane	10.36	56	2843947	170.26 ug/L		85
31)	1,1-Dichloropropene	10.51	75	2223892	211.52 ug/L		97
32)	Carbon Tetrachloride	10.66	117	2810429	201.28 ug/L		99
34)	1,2-Dichloroethane	10.81	62	2368089	176.70 ug/L		91
35)	Benzene	10.87	78	6995549	171.16 ug/L		99
36)	Trichloroethene	11.62	130	2077117	199.96 ug/L		97
37)	1,2-Dichloropropane	11.83	63	1861153	172.45 ug/L		95
38)	Bromodichloromethane	12.13	83	2603501	186.82 ug/L		99
39)	Dibromomethane	12.21	93	975102	184.03 ug/L		94
40)	2-Chloroethyl Vinyl Ether	12.41	63	2226997	365.85 ug/L	#	90
41)	4-Methyl-2-Pentanone	12.46	58	502350	142.07 ug/L		92
42)	cis-1,3-Dichloropropene	12.76	75	2787505	201.71 ug/L		97
43)	Dimethyl Disulfide	13.02	79	1717838	185.74 ug/L		94
46)	Toluene	13.19	91	7330939	167.69 ug/L		96
47)	Ethyl Methacrylate	13.27	69	1926835	166.99 ug/L		100
48)	trans-1,3-Dichloropropene	13.35	75	2780734	213.17 ug/L		98
49)	1,1,2-Trichloroethane	13.57	97	1531239	201.36 ug/L		97
50)	2-Hexanone	13.51	43	814605	147.64 ug/L	#	88
51)	1,3-Dichloropropane	13.87	76	2601438	203.78 ug/L	#	79
52)	Tetrachloroethene	14.01	164	1772573	199.77 ug/L		100
53)	Dibromochloromethane	14.26	129	2060720	207.18 ug/L		100
54)	1,2-Dibromoethane	14.52	107	1566445	210.55 ug/L		100
55)	1-Chlorohexane	14.61	91	2555914	184.74 ug/L		86
56)	Chlorobenzene	15.02	112	4148539	179.47 ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.07	131	1333443	130.85 ug/L		100
58)	Ethylbenzene	15.06	106	2016718	179.85 ug/L		95
59)	m-,p-Xylene	15.15	106	5056699	340.83 ug/L		92
60)	o-Xylene	15.71	106	3143857	150.38 ug/L		95
61)	Styrene	15.74	104	5281913	183.87 ug/L		99
62)	Bromoform	16.23	173	1412856	200.27 ug/L		100
63)	Isopropylbenzene	16.13	105	8064341	Below Cal		96
65)	1,1,2,2-Tetrachloroethane	16.34	83	1811691	175.08 ug/L		98
67)	1,2,3-Trichloropropane	16.53	110	582868	186.90 ug/L		98
68)	trans-1,4-Dichloro-2-Buten	16.57	53	479115	162.23 ug/L	#	83
69)	n-Propylbenzene	16.65	91	9165411	Below Cal		92
70)	Bromobenzene	16.77	156	2591470	165.72 ug/L		86
71)	1,3,5-Trimethylbenzene	16.83	105	7060193	145.87 ug/L		97
72)	2-Chlorotoluene	16.92	91	6197868	139.15 ug/L		99
73)	4-Chlorotoluene	16.97	91	5770972	129.06 ug/L		93
74)	a-Methylstyrene	17.23	118	4063641	146.85 ug/L		98
75)	tert-Butylbenzene	17.30	119	7105058	177.88 ug/L		89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\100600\9M12672.D Vial: 17
Acq On : 6 Oct 2000 18:11 Operator: MES
Sample : WG85403 200 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 6 18:33 2000 Quant Results File: 8260WT3.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT3.M (RTE Integrator)
Title : Method 8260B Water Analysis 09/19/2000 - HPMS 9
Last Update : Wed Sep 27 17:04:52 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.35	105	7095477	139.34 ug/L	95
77)	sec-Butylbenzene	17.57	105	8840006	Below Cal	94
78)	p-Isopropyltoluene	17.72	119	7458438	Below Cal	96
79)	1,3-Dichlorobenzene	17.92	146	4571623	153.15 ug/L	99
80)	1,4-Dichlorobenzene	18.05	146	4474422	146.66 ug/L	99
81)	n-Butylbenzene	18.25	91	6974288	154.30 ug/L	94
82)	1,2-Dichlorobenzene	18.54	146	4276778	160.23 ug/L	99
83)	1,2-Dibromo-3-Chloropropan	19.53	157	430169	182.95 ug/L	85
84)	1,2,4-Trichlorobenzene	20.68	180	3170396	172.39 ug/L	100
85)	Hexachlorobutadiene	20.83	225	1521065	195.57 ug/L	98
86)	Naphthalene	21.05	128	5295769	179.04 ug/L	100
87)	1,2,3-Trichlorobenzene	21.36	180	2767130	176.83 ug/L	99

(#) = qualifier out of range (m) = manual integration

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D
Acq On : 6 Oct 2000 10:30 pm
Sample : WG85403 20PPB ALT SOURCE
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 23
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	144	0.00
2	T	Dichlorodifluoromethane	20.000	21.209	-6.0	142	0.01
3	P	Chloromethane	20.000	24.972	-24.9	121	0.01
4	C	Vinyl Chloride	20.000	20.850	-4.3	102	0.02
5	T	Bromomethane	20.000	17.568	12.2	103	0.05
6	T	Chloroethane	20.000	19.593	2.0	128	0.02
7	T	Trichlorofluoromethane	20.000	17.547	12.3	116	0.03
8	T	Isoprene	20.000	0.000	~~100.0~~#	0	-6.35#
9	T	Acrolein	40.000	0.000	~~100.0~~#	0	-6.56#
10	T	1,1,2-Trichloro-1,2,2-Trifl	20.000	0.009	~~100.0~~#	0	0.02
11	T	Acetone	20.000	17.379	13.1	112	-0.01
12	C	1,1-Dichloroethene	20.000	19.509	2.5	127	0.03
13	T	Dimethyl Sulfide	20.000	0.112	~~99.4~~#	1	0.00
14	T	Iodomethane	20.000	30.674	-53.4#	145	0.01
15	T	Methylene Chloride	20.000	19.848	0.8	135	0.01
16	T	Carbon Disulfide	20.000	18.758	6.2	124	0.02
17	T	Acrylonitrile	20.000	1.980	~~90.1~~#	13	0.06
18	T	Methyl Tert Butyl Ether	20.000	20.223	-1.1	133	0.00
19	T	trans-1,2-Dichloroethene	20.000	20.995	-5.0	133	0.01
20	T	n-Hexane	20.000	18.818	5.9	124	0.01
21	T	Vinyl Acetate	20.000	9.275	53.6#	60	0.00
22	P	1,1-Dichloroethane	20.000	19.152	4.2	121	0.00
23	T	2-Butanone	20.000	18.736	6.3	130	0.00
24	T	2,2-Dichloropropane	20.000	17.019	14.9	104	0.01
25	T	cis-1,2-Dichloroethene	20.000	20.617	-3.1	132	0.00
26	C	Chloroform	20.000	20.453	-2.3	136	0.00
27	T	Bromochloromethane	20.000	19.126	4.4	115	0.01
28	S	Dibromofluoromethane	20.000	24.856	-24.3	165	0.00
29	T	1,1,1-Trichloroethane	20.000	19.262	3.7	129	0.00
30	T	Cyclohexane	20.000	0.006	~~100.0~~#	0	-0.03
31	T	1,1-Dichloropropene	20.000	22.757	-13.8	149	0.00
32	T	Carbon Tetrachloride	20.000	18.940	5.3	129	0.00
33	S	1,2-Dichloroethane-d4	20.000	23.548	-17.7	153	0.00
34	T	1,2-Dichloroethane	20.000	20.380	-1.9	132	0.00
35	T	Benzene	20.000	20.378	-1.9	133	0.00
36	T	Trichloroethene	20.000	22.521	-12.6	151	0.00
37	C	1,2-Dichloropropane	20.000	20.658	-3.3	136	0.00
38	T	Bromodichloromethane	20.000	21.512	-7.6	149	0.00
39	T	Dibromomethane	20.000	20.121	-0.6	127	0.00
40	T	2-Chloroethyl Vinyl Ether	20.000	5.583	72.1#	30	0.00
41	T	4-Methyl-2-Pentanone	20.000	17.925	10.4	122	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D
Acq On : 6 Oct 2000 10:30 pm
Sample : WG85403 20PPB ALT SOURCE
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 23
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	20.000	22.516	-12.6	155	0.00
43	T	Dimethyl Disulfide	20.000	0.000	-100.0#	0	-13.02#
44	I	Chlorobenzene-d5	25.000	25.000	0.0	132	0.00
45	S	Toluene-d8	20.000	26.217	-31.1#	158	0.00
46	C	Toluene	20.000	20.955	-4.8	125	0.00
47	T	Ethyl Methacrylate	20.000	0.000	-100.0#	0	-13.27#
48	T	trans-1,3-Dichloropropene	20.000	20.659	-3.3	132	0.00
49	T	1,1,2-Trichloroethane	20.000	20.042	-0.2	136	0.00
50	T	2-Hexanone	20.000	18.197	9.0	116	0.00
51	T	1,3-Dichloropropane	20.000	21.097	-5.5	135	0.00
52	T	Tetrachloroethene	20.000	19.999	0.0	131	0.00
53	T	Dibromochloromethane	20.000	20.434	-2.2	139	0.00
54	T	1,2-Dibromoethane	20.000	20.954	-4.8	135	0.00
55	T	1-Chlorohexane	20.000	17.593	12.0	119	0.00
56	P	Chlorobenzene	20.000	19.056	4.7	120	0.00
57	T	1,1,1,2-Tetrachloroethane	20.000	20.376	-1.9	135	-0.01
58	C	Ethylbenzene	20.000	19.869	0.7	112	0.00
59	T	m-,p-Xylene	40.000	36.930	7.7	103	0.00
60	T	o-Xylene	20.000	17.976	10.1	105	0.00
61	T	Styrene	20.000	18.020	9.9	103	0.00
62	P	Bromoform	20.000	17.401	13.0	110	0.00
63	T	Isopropylbenzene	20.000	16.350	18.2	98	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	96	0.00
65	P	1,1,2,2-Tetrachloroethane	20.000	18.242	8.8	83	0.00
66	S	p-Bromofluorobenzene	20.000	26.492	-32.5#	126	0.00
67	T	1,2,3-Trichloropropane	20.000	18.370	8.1	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	20.000	2.397	-88.0#	12	0.07
69	T	n-Propylbenzene	20.000	17.830	10.9	95	0.00
70	T	Bromobenzene	20.000	20.473	-2.4	102	0.00
71	T	1,3,5-Trimethylbenzene	20.000	17.734	11.3	94	0.00
72	T	2-Chlorotoluene	20.000	20.077	-0.4	90	0.00
73	T	4-Chlorotoluene	20.000	20.330	-1.6	97	0.00
74	T	a-Methylstyrene	20.000	0.127	-99.4#	1	0.00
75	T	tert-Butylbenzene	20.000	20.007	-0.0	92	0.00
76	T	1,2,4-Trimethylbenzene	20.000	20.699	-3.5	94	0.00
77	T	sec-Butylbenzene	20.000	19.408	3.0	85	0.00
78	T	p-Isopropyltoluene	20.000	16.567	17.2	86	0.00
79	T	1,3-Dichlorobenzene	20.000	19.158	4.2	89	0.00
80	T	1,4-Dichlorobenzene	20.000	19.222	3.9	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	20.000	20.244	-1.2	87	0.00
82	T	1,2-Dichlorobenzene	20.000	18.742	6.3	87	0.00
83	T	1,2-Dibromo-3-Chloropropane	20.000	16.309	18.5	81	0.00
84	T	1,2,4-Trichlorobenzene	20.000	18.823	5.9	86	0.00
85	T	Hexachlorobutadiene	20.000	17.297	13.5	84	0.00
86	T	Naphthalene	20.000	17.825	10.9	86	0.00
87	T	1,2,3-Trichlorobenzene	20.000	20.550	-2.8	83	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	144	0.00
2	T	Dichlorodifluoromethane	0.294	0.312	-6.1	142	0.01
3	P	Chloromethane	0.150	0.157	-4.7	121	0.01
4	C	Vinyl Chloride	0.110	0.099	10.0	102	0.02
5	T	Bromomethane	0.108	0.096	11.1	103	0.05
6	T	Chloroethane	0.094	0.092	2.1	128	0.02
7	T	Trichlorofluoromethane	0.494	0.434	12.1	116	0.03
8	T	Isoprene	0.328	0.000	~~100.~~0#	0#	-6.35#
9	T	Acrolein	0.015	0.000	~~100.~~0#	0#	-6.56#
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.278	0.000	~~100.~~0#	0#	0.02
11	T	Acetone	0.046	0.040	13.0	112	-0.01
12	C	1,1-Dichloroethene	0.235	0.230	2.1	127	0.03
13	T	Dimethyl Sulfide	0.263	0.001	~~99.~~6#	1#	0.00
14	T	Iodomethane	0.143	0.176	-23.1	145	0.01
15	T	Methylene Chloride	0.276	0.274	0.7	135	0.01
16	T	Carbon Disulfide	0.810	0.760	6.2	124	0.02
17	T	Acrylonitrile	0.061	0.006	~~90.~~2#	13#	0.06
18	T	Methyl Tert Butyl Ether	0.512	0.517	-1.0	133	0.00
19	T	trans-1,2-Dichloroethene	0.259	0.272	-5.0	133	0.01
20	T	n-Hexane	0.367	0.345	6.0	124	0.01
21	T	Vinyl Acetate	0.240	0.111	53.8#	60	0.00
22	P	1,1-Dichloroethane	0.489	0.468	4.3	121	0.00
23	T	2-Butanone	0.058	0.055	5.2	130	0.00
24	T	2,2-Dichloropropane	0.371	0.316	14.8	104	0.01
25	T	cis-1,2-Dichloroethene	0.291	0.300	-3.1	132	0.00
26	C	Chloroform	0.495	0.506	-2.2	136	0.00
27	T	Bromochloromethane	0.117	0.112	4.3	115	0.01
28	S	Dibromofluoromethane	0.285	0.355	-24.6	165	0.00
29	T	1,1,1-Trichloroethane	0.459	0.442	3.7	129	0.00
30	T	Cyclohexane	0.433	0.000	~~100.~~0#	0#	-0.03
31	T	1,1-Dichloropropene	0.291	0.331	-13.7	149	0.00
32	T	Carbon Tetrachloride	0.421	0.398	5.5	129	0.00
33	S	1,2-Dichloroethane-d4	0.280	0.330	-17.9	153	0.00
34	T	1,2-Dichloroethane	0.345	0.351	-1.7	132	0.00
35	T	Benzene	1.028	1.047	-1.8	133	0.00
36	T	Trichloroethene	0.280	0.315	-12.5	151	0.00
37	C	1,2-Dichloropropane	0.261	0.270	-3.4	136	0.00
38	T	Bromodichloromethane	0.356	0.383	-7.6	149	0.00
39	T	Dibromomethane	0.134	0.135	-0.7	127	0.00
40	T	2-Chloroethyl Vinyl Ether	0.336	0.096	71.4#	30#	0.00
41	T	4-Methyl-2-Pentanone	0.060	0.054	10.0	122	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D
Acq On : 6 Oct 2000 10:30 pm
Sample : WG85403 20PPB ALT SOURCE
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 23
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.338	0.411	-21.6	155	0.00
43	T	Dimethyl Disulfide	0.231	0.000	~~100~~.0#	0#	-13.02#
44	I	Chlorobenzene-d5	1.000	1.000	0.0	132	0.00
45	S	Toluene-d8	1.236	1.621	-31.1#	158	0.00
46	C	Toluene	1.395	1.461	-4.7	125	0.00
47	T	Ethyl Methacrylate	0.300	0.000	~~100~~.0#	0#	-13.27#
48	T	trans-1,3-Dichloropropene	0.442	0.457	-3.4	132	0.00
49	T	1,1,2-Trichloroethane	0.265	0.266	-0.4	136	0.00
50	T	2-Hexanone	0.117	0.106	9.4	116	0.00
51	T	1,3-Dichloropropane	0.429	0.452	-5.4	135	0.00
52	T	Tetrachloroethene	0.312	0.312	0.0	131	0.00
53	T	Dibromochloromethane	0.340	0.347	-2.1	139	0.00
54	T	1,2-Dibromoethane	0.239	0.250	-4.6	135	0.00
55	T	1-Chlorohexane	0.413	0.452	-9.4	119	0.00
56	P	Chlorobenzene	1.092	1.040	4.8	120	0.00
57	T	1,1,1,2-Tetrachloroethane	0.371	0.378	-1.9	135	-0.01
58	C	Ethylbenzene	0.538	0.535	0.6	112	0.00
59	T	m-,p-Xylene	0.640	0.663	-3.6	103	0.00
60	T	o-Xylene	0.599	0.660	-10.2	105	0.00
61	T	Styrene	1.072	1.130	-5.4	103	0.00
62	P	Bromoform	0.236	0.205	13.1	110	0.00
63	T	Isopropylbenzene	1.552	1.587	-2.3	98	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
65	P	1,1,2,2-Tetrachloroethane	0.554	0.413	25.5#	83	0.00
66	S	p-Bromofluorobenzene	0.845	1.120	-32.5#	126	0.00
67	T	1,2,3-Trichloropropane	0.166	0.152	8.4	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.121	0.015	~~87.6~~#	12#	0.07
69	T	n-Propylbenzene	3.080	3.388	-10.0	95	0.00
70	T	Bromobenzene	0.765	0.783	-2.4	102	0.00
71	T	1,3,5-Trimethylbenzene	2.212	2.420	-9.4	94	0.00
72	T	2-Chlorotoluene	2.054	2.061	-0.3	90	0.00
73	T	4-Chlorotoluene	2.182	2.218	-1.6	97	0.00
74	T	a-Methylstyrene	1.292	0.008	~~99.4~~#	1#	0.00
75	T	tert-Butylbenzene	2.103	2.103	0.0	92	0.00
76	T	1,2,4-Trimethylbenzene	2.453	2.539	-3.5	94	0.00
77	T	sec-Butylbenzene	2.957	2.869	3.0	85	0.00
78	T	p-Isopropyltoluene	2.405	2.471	-2.7	86	0.00
79	T	1,3-Dichlorobenzene	1.514	1.450	4.2	89	0.00
80	T	1,4-Dichlorobenzene	1.535	1.476	3.8	88	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.278	2.306	-1.2	87	0.00
82	T	1,2-Dichlorobenzene	1.398	1.310	6.3	87	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.106	0.086	18.9	81	0.00
84	T	1,2,4-Trichlorobenzene	0.960	0.904	5.8	86	0.00
85	T	Hexachlorobutadiene	0.445	0.385	13.5	84	0.00
86	T	Naphthalene	1.387	1.236	10.9	86	0.00
87	T	1,2,3-Trichlorobenzene	0.923	0.728	21.1	83	0.00

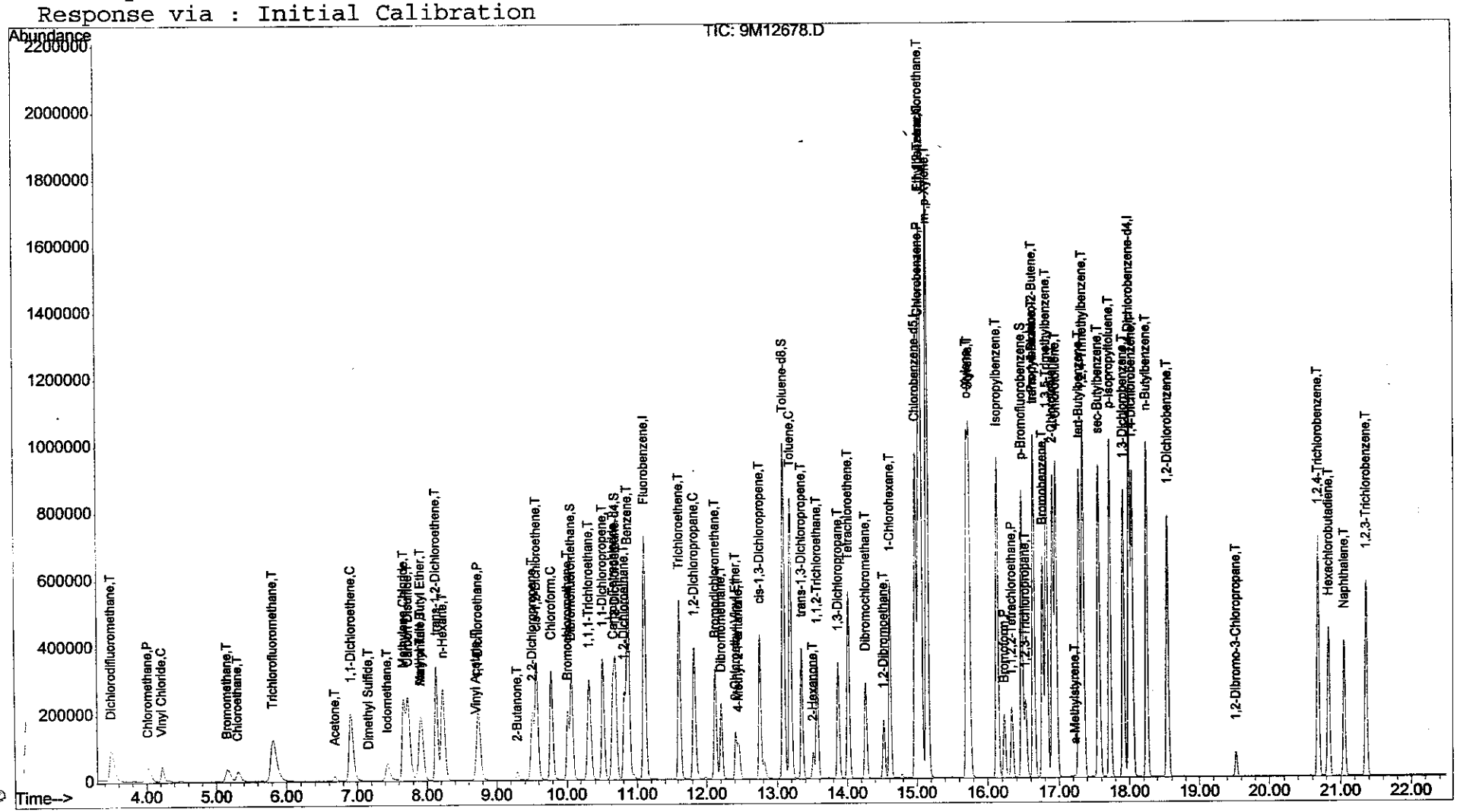
Quantitation Report

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D
Acq On : 6 Oct 2000 10:30 pm
Sample : WG85403 20PPB ALT SOURCE
Misc : WATER,1
MS Integration Params: RTEINT.P
Quant Time: Oct 9 10:43 2000

Vial: 23
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 9 10:43 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	973849	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.98	117	749562	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.01	152	433677	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.07	111	276207	24.86	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.44%				
33) 1,2-Dichloroethane-d4	10.70	65	256929	23.55	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 94.20%				
45) Toluene-d8	13.09	98	971942	26.22	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 104.88%				
66) p-Bromofluorobenzene	16.48	95	388545	26.49	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 105.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.50	85	243043	21.21	ug/L		95
3) Chloromethane	4.02	50	122210	24.97	ug/L		98
4) Vinyl Chloride	4.22	62	76929	20.85	ug/L		98
5) Bromomethane	5.16	94	74419	17.57	ug/L		100
6) Chloroethane	5.31	64	71482	19.59	ug/L		98
7) Trichlorofluoromethane	5.81	101	337933	17.55	ug/L		98
11) Acetone	6.69	43	31431	17.38	ug/L		99
12) 1,1-Dichloroethene	6.91	96	178963	19.51	ug/L		94
13) Dimethyl Sulfide	7.16	62	1150	0.11	ug/L	#	57
14) Iodomethane	7.43	142	136875	30.67	ug/L		100
15) Methylene Chloride	7.67	84	213701	19.85	ug/L		88
16) Carbon Disulfide	7.73	76	592046	18.76	ug/L		100
17) Acrylonitrile	7.91	53	4721	1.98	ug/L	#	15
18) Methyl Tert Butyl Ether	7.91	73	403048	20.22	ug/L		97
19) trans-1,2-Dichloroethene	8.13	96	211708	21.00	ug/L		94
20) n-Hexane	8.22	57	268720	18.82	ug/L		96
21) Vinyl Acetate	8.70	43	86684	9.28	ug/L	#	95
22) 1,1-Dichloroethane	8.74	63	364560	19.15	ug/L		99
23) 2-Butanone	9.29	43	42695	18.74	ug/L		98
24) 2,2-Dichloropropane	9.52	77	246086	17.02	ug/L		98
25) cis-1,2-Dichloroethene	9.57	96	233538	20.62	ug/L		91
26) Chloroform	9.78	83	394199	20.45	ug/L		99
27) Bromochloromethane	10.01	128	87374	19.13	ug/L		86
29) 1,1,1-Trichloroethane	10.32	97	344476	19.26	ug/L		99
31) 1,1-Dichloropropene	10.51	75	258071	22.76	ug/L		100
32) Carbon Tetrachloride	10.66	117	310454	18.94	ug/L		99
34) 1,2-Dichloroethane	10.82	62	273511	20.38	ug/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 9 10:43 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Benzene	10.87	78	815957	20.38	ug/L		99
36)	Trichloroethene	11.62	130	245440	22.52	ug/L		98
37)	1,2-Dichloropropane	11.83	63	210232	20.66	ug/L		96
38)	Bromodichloromethane	12.13	83	298140	21.51	ug/L		99
39)	Dibromomethane	12.21	93	104837	20.12	ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.41	63	74505	5.58	ug/L		96
41)	4-Methyl-2-Pentanone	12.45	58	42242	17.92	ug/L		94
42)	cis-1,3-Dichloropropene	12.76	75	320075	22.52	ug/L		100
46)	Toluene	13.19	91	876329	20.96	ug/L		100
48)	trans-1,3-Dichloropropene	13.35	75	273880	20.66	ug/L		100
49)	1,1,2-Trichloroethane	13.57	97	159375	20.04	ug/L		99
50)	2-Hexanone	13.51	43	63757	18.20	ug/L		97
51)	1,3-Dichloropropane	13.87	76	271138	21.10	ug/L		85
52)	Tetrachloroethene	14.01	164	186817	20.00	ug/L		98
53)	Dibromochloromethane	14.27	129	208268	20.43	ug/L		99
54)	1,2-Dibromoethane	14.52	107	150001	20.95	ug/L		99
55)	1-Chlorohexane	14.61	91	270962	17.59	ug/L		93
56)	Chlorobenzene	15.03	112	623691	19.06	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.06	131	226703	20.38	ug/L		100
58)	Ethylbenzene	15.06	106	320526	19.87	ug/L		96
59)	m-,p-Xylene	15.15	106	795315	36.93	ug/L		99
60)	o-Xylene	15.71	106	395663	17.98	ug/L		96
61)	Styrene	15.74	104	677832	18.02	ug/L		98
62)	Bromoform	16.23	173	123216	17.40	ug/L		99
63)	Isopropylbenzene	16.13	105	951845	16.35	ug/L		100
65)	1,1,2,2-Tetrachloroethane	16.34	83	143267	18.24	ug/L		99
67)	1,2,3-Trichloropropane	16.53	110	52882	18.37	ug/L	#	36
68)	trans-1,4-Dichloro-2-Buten	16.64	53	5034	2.40	ug/L	#	1
69)	n-Propylbenzene	16.65	91	1175447	17.83	ug/L		99
70)	Bromobenzene	16.77	156	271658	20.47	ug/L		94
71)	1,3,5-Trimethylbenzene	16.83	105	839696	17.73	ug/L		99
72)	2-Chlorotoluene	16.92	91	715211	20.08	ug/L		100
73)	4-Chlorotoluene	16.97	91	769383	20.33	ug/L		98
74)	a-Methylstyrene	17.23	118	2855	0.13	ug/L	#	78
75)	tert-Butylbenzene	17.30	119	729738	20.01	ug/L		93
76)	1,2,4-Trimethylbenzene	17.35	105	880815	20.70	ug/L		98
77)	sec-Butylbenzene	17.56	105	995384	19.41	ug/L		99
78)	p-Isopropyltoluene	17.72	119	857160	16.57	ug/L		99
79)	1,3-Dichlorobenzene	17.92	146	503074	19.16	ug/L		99
80)	1,4-Dichlorobenzene	18.05	146	511984	19.22	ug/L		99
81)	n-Butylbenzene	18.25	91	799891	20.24	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\100600\9M12678.D Vial: 23
Acq On : 6 Oct 2000 10:30 pm Operator: MES
Sample : WG85403 20PPB ALT SOURCE Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 9 10:43 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT3

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
82)	1,2-Dichlorobenzene	18.55	146	454544	18.74	ug/L	100
83)	1,2-Dibromo-3-Chloropropan	19.53	157	29906	16.31	ug/L	99
84)	1,2,4-Trichlorobenzene	20.68	180	313526	18.82	ug/L	98
85)	Hexachlorobutadiene	20.84	225	133619	17.30	ug/L	98
86)	Naphthalene	21.05	128	428899	17.83	ug/L	100
87)	1,2,3-Trichlorobenzene	21.36	180	252605	20.55	ug/L	100

(#) = qualifier out of range (m) = manual integration

Calibration Table Report

Method: M8260WTR.M

Title: Method M8260WTR - 10/18/00 - HPMS2

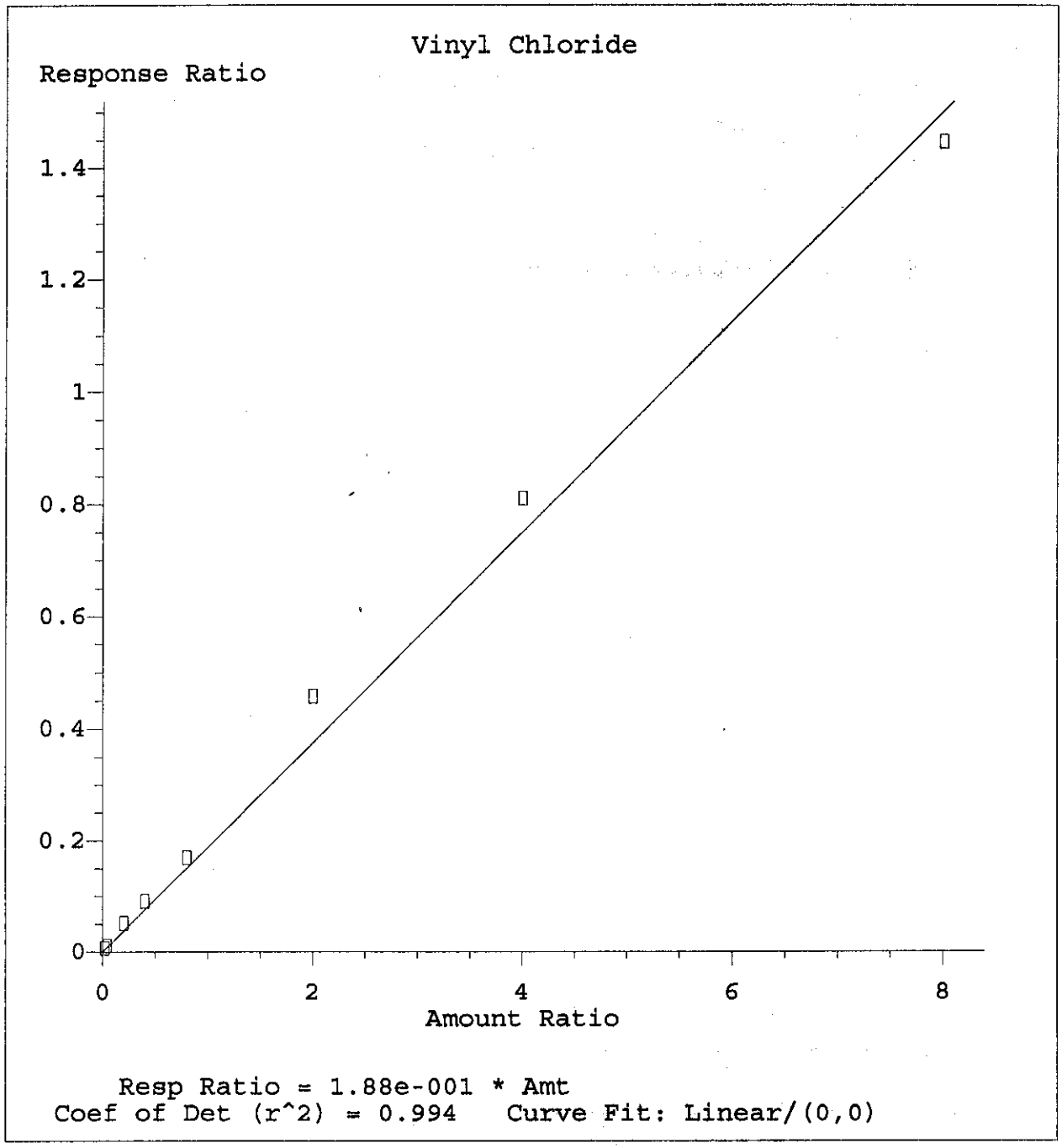
Last Calibration: Tue Oct 10 09:12:05 2000

Calibration Files

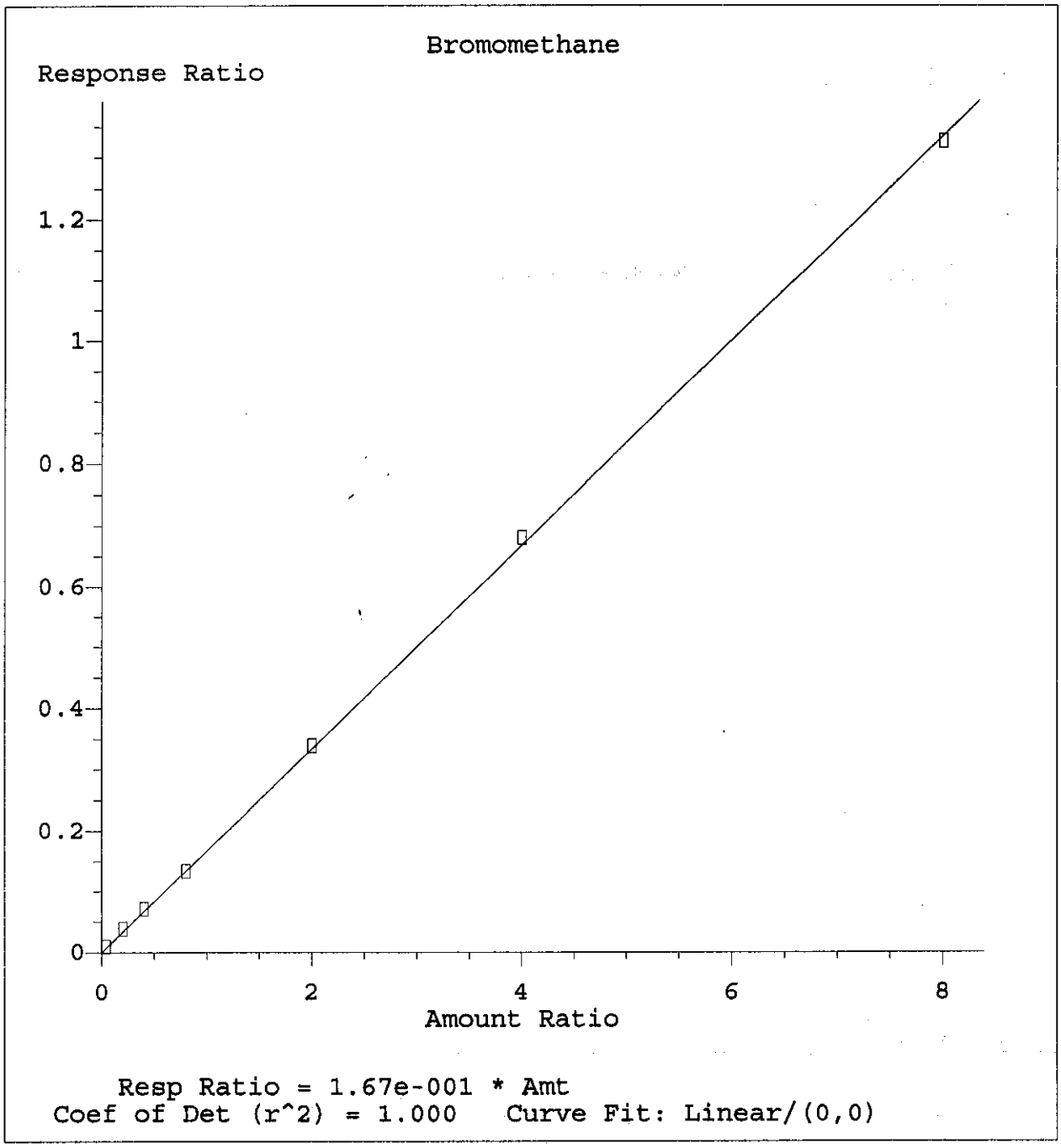
		0.5	1	5	10	20	200	50	100			
		2M30541.D	2M30540.D	2M30539.D	2M30538.D	2M30537.D	2M30545.D	2M30536.D	2M30542.D			
	Compound									Avg	%RSD	
I	Fluorobenzene	ISTD										
T	Dichlorodifluoromethane	0.346	0.295	0.276	0.259	0.266	0.266	0.286	0.280	0.284	9.743	
P	Chloromethane		0.311	0.232	0.226	0.222	0.221	0.227	0.221	0.237	13.916	
C	Vinyl Chloride	0.360	0.284	0.260	0.228	0.212	0.181	0.229	0.203	0.245	23.172	LR,F
T	Bromomethane		0.251	0.195	0.179	0.168	0.166	0.170	0.170	0.185	16.494	LR,F
T	Chloroethane	0.153	0.139	0.131	0.123	0.123	0.123	0.124	0.125	0.130	8.509	
T	Trichlorofluoromethane	0.400	0.363	0.350	0.324	0.331	0.262	0.340	0.300	0.334	12.364	
T	Isoprene	0.403	0.378	0.364	0.346	0.354	0.334	0.355	0.353	0.361	5.908	
T	Acrolein			0.005	0.005	0.005	0.006	0.004	0.005	0.005	8.830	
T	1,1,2-Trichloro-1,2,2-Trifluoroe	0.284	0.245	0.247	0.229	0.237	0.224	0.240	0.238	0.243	7.437	
T	Acetone			0.039	0.035	0.034	0.033	0.027	0.036	0.034	11.738	
C	1,1-Dichloroethene		0.299	0.239	0.233	0.220	0.201	0.216	0.212	0.231	13.987	
T	Dimethyl Sulfide	0.314	0.270	0.261	0.268	0.264	0.255	0.251	0.264	0.268	7.286	
T	Iodomethane	0.315	0.296	0.307	0.311	0.312	0.306	0.321	0.313	0.310	2.428	
T	Methylene Chloride	0.371	0.299	0.274	0.276	0.271	0.258	0.262	0.265	0.285	13.012	
T	Carbon Disulfide	1.169	1.035	1.031	0.992	0.990	0.920	0.982	0.965	1.010	7.278	
T	Acrylonitrile		0.041	0.042	0.043	0.047	0.049	0.041	0.049	0.045	8.109	
T	Methyl Tert Butyl Ether	0.512	0.449	0.442	0.449	0.457	0.476	0.422	0.487	0.462	6.163	
T	trans-1,2-Dichloroethene	0.344	0.291	0.262	0.265	0.253	0.238	0.256	0.251	0.270	12.458	
T	n-Hexane	0.378	0.359	0.324	0.316	0.324	0.317	0.330	0.330	0.335	6.553	
T	Vinyl Acetate	0.334	0.292	0.264	0.276	0.283	0.300	0.258	0.311	0.290	8.672	
P	1,1-Dichloroethane	0.704	0.575	0.541	0.553	0.533	0.500	0.534	0.529	0.558	11.175	
T	2-Butanone		0.058	0.052	0.052	0.055	0.059	0.044	0.060	0.054	9.979	
T	2,2-Dichloropropane	0.472	0.404	0.385	0.399	0.404	0.414	0.423	0.426	0.416	6.331	
T	cis-1,2-Dichloroethene	0.392	0.315	0.302	0.310	0.300	0.275	0.289	0.289	0.309	11.604	
C	Chloroform	0.639	0.532	0.506	0.514	0.492	0.470	0.497	0.493	0.518	10.066	
T	Bromochloromethane	0.153	0.133	0.126	0.126	0.125	0.124	0.121	0.128	0.130	7.779	
S	Dibromofluoromethane	0.390	0.331	0.307	0.300	0.294	0.278	0.289	0.294	0.311	11.509	
T	1,1,1-Trichloroethane	0.434	0.391	0.364	0.375	0.362	0.349	0.371	0.369	0.377	6.897	
T	Cyclohexane	0.545	0.501	0.487	0.466	0.469	0.425	0.466	0.456	0.477	7.449	
T	1,1-Dichloropropene	0.451	0.387	0.350	0.358	0.347	0.328	0.347	0.343	0.364	10.705	
T	Carbon Tetrachloride	0.407	0.338	0.318	0.319	0.310	0.307	0.316	0.320	0.329	9.952	
S	1,2-Dichloroethane-d4	0.346	0.299	0.284	0.277	0.268	0.257	0.255	0.277	0.283	10.366	
T	1,2-Dichloroethane	0.411	0.341	0.310	0.314	0.310	0.292	0.298	0.314	0.324	11.794	
T	Benzene	1.621	1.343	1.231	1.247	1.218	1.107	1.190	1.189	1.268	12.385	
T	Trichloroethene	0.364	0.323	0.301	0.301	0.294	0.279	0.293	0.293	0.306	8.682	
C	1,2-Dichloropropane	0.411	0.325	0.316	0.321	0.318	0.297	0.305	0.310	0.325	10.966	
T	Bromodichloromethane	0.434	0.370	0.351	0.356	0.356	0.349	0.348	0.361	0.366	7.822	
T	Dibromomethane	0.173	0.143	0.135	0.140	0.138	0.136	0.128	0.140	0.142	9.455	
T	2-Chloroethyl Vinyl Ether									0.000	0.000	
T	4-Methyl-2-Pentanone	0.051	0.042	0.049	0.047	0.052	0.056	0.043	0.055	0.049	10.412	
T	cis-1,3-Dichloropropene	0.526	0.444	0.426	0.44	0.439	0.425	0.417	0.439	0.4444	7.705	
T	Dimethyl Disulfide	0.23	0.22	0.241	0.245	0.257	0.26	0.253	0.27	0.2472	6.6983	
I	Chlorobenzene-d5	ISTD										
S	Toluene-d8	1.688	1.463	1.424	1.371	1.377	1.219	1.339	1.297	1.3973	9.9602	
C	Toluene	1.977	1.668	1.614	1.614	1.578	1.431	1.547	1.499	1.6161	10.11	
T	Ethyl Methacrylate	0.36	0.342	0.319	0.323	0.336	0.342	0.298	0.351	0.3339	5.892	
T	trans-1,3-Dichloropropene	0.586	0.503	0.479	0.487	0.493	0.486	0.466	0.5	0.4998	7.3859	
T	1,1,2-Trichloroethane	0.296	0.237	0.226	0.226	0.226	0.22	0.211	0.23	0.234	11.12	
T	2-Hexanone	0.144	0.114	0.114	0.115	0.12	0.119	0.097	0.124	0.1182	11.105	
T	1,3-Dichloropropane	0.616	0.5	0.471	0.478	0.478	0.472	0.447	0.489	0.494	10.473	
T	Tetrachloroethene	0.372	0.307	0.291	0.287	0.289	0.275	0.292	0.286	0.2999	10.204	

T	Dibromochloromethane	0.37	0.295	0.296	0.291	0.3	0.309	0.289	0.317	0.3084	8.6512
T	1,2-Dibromoethane	0.281	0.239	0.233	0.235	0.239	0.242	0.225	0.248	0.2427	6.9009
T	1-Chlorohexane	0.645	0.584	0.573	0.56	0.563	0.527	0.563	0.558	0.5715	5.9289
P	Chlorobenzene	1.289	1.053	1.024	1.027	0.997	0.924	0.976	0.974	1.033	10.712
T	1,1,1,2-Tetrachloroethane	0.426	0.354	0.338	0.349	0.338	0.315	0.329	0.335	0.348	9.6798
C	Ethylbenzene	0.661	0.555	0.521	0.532	0.519	0.452	0.505	0.487	0.5293	11.645
T	m-,p-Xylene	0.824	0.691	0.647	0.658	0.637	0.555	0.627	0.598	0.6546	12.182
T	o-Xylene	0.793	0.648	0.633	0.638	0.633	0.58	0.615	0.6	0.6424	10.074
T	Styrene	1.288	1.135	1.077	1.093	1.086	0.981	1.043	1.039	1.0928	8.3219
P	Bromoform	0.181	0.148	0.151	0.153	0.159	0.164	0.146	0.166	0.1585	7.3456
T	Isopropylbenzene	2.049	1.739	1.609	1.625	1.614	1.474	1.614	1.548	1.6591	10.507
I	1,4-Dichlorobenzene-d4	ISTD									
P	1,1,2,2-Tetrachloroethane	0.69	0.553	0.54	0.541	0.553	0.576	0.524	0.582	0.5699	9.1618
S	p-Bromofluorobenzene	1.348	1.155	1.102	1.09	1.074	1.004	1.075	1.053	1.1126	9.3585
T	1,2,3-Trichloropropane	0.133	0.137	0.123	0.126	0.126	0.13	0.118	0.13	0.128	4.5991
T	trans-1,4-Dichloro-2-Butene	0.122	0.121	0.149	0.148	0.155	0.17	0.15	0.17	0.148	12.539
T	n-Propylbenzene	5.168	4.436	4.24	4.229	4.17	3.831	4.342	4.027	4.3054	9.1767
T	Bromobenzene	0.99	0.846	0.805	0.803	0.8	0.766	0.802	0.783	0.8244	8.5819
T	1,3,5-Trimethylbenzene	3.311	2.778	2.585	2.609	2.524	2.341	2.618	2.434	2.6499	11.225
T	2-Chlorotoluene	3.504	2.694	2.689	2.668	2.492	2.506	2.518	2.462	2.6916	12.706
T	4-Chlorotoluene	3.19	2.765	2.447	2.498	2.543	2.193	2.626	2.398	2.5828	11.496
T	a-Methylstyrene	1.715	1.531	1.505	1.461	1.472	1.39	1.513	1.439	1.5033	6.4429
T	tert-Butylbenzene	2.985	2.742	2.524	2.505	2.449	2.34	2.57	2.27	2.5481	8.9238
T	1,2,4-Trimethylbenzene	3.476	2.768	2.583	2.602	2.512	2.304	2.588	2.424	2.6569	13.473
T	sec-Butylbenzene	4.03	3.356	3.131	3.143	3.088	2.883	3.213	3.009	3.2315	10.865
T	p-Isopropyltoluene	3.254	2.825	2.577	2.598	2.494	2.4	2.641	2.502	2.6614	10.156
T	1,3-Dichlorobenzene	1.999	1.673	1.55	1.594	1.541	1.47	1.574	1.516	1.6146	10.306
T	1,4-Dichlorobenzene	1.997	1.659	1.549	1.57	1.535	1.464	1.543	1.515	1.6041	10.476
T	n-Butylbenzene	3.261	2.689	2.412	2.461	2.399	2.298	2.545	2.397	2.5579	12.006
T	1,2-Dichlorobenzene	1.722	1.443	1.319	1.353	1.312	1.256	1.295	1.3	1.3748	10.966
T	1,2-Dibromo-3-Chloropropane	0.103	0.119	0.089	0.087	0.082	0.089	0.074	0.089	0.0915	14.868
T	1,2,4-Trichlorobenzene	0.846	0.738	0.62	0.636	0.62	0.653	0.604	0.653	0.6712	12.181
T	Hexachlorobutadiene	0.351	0.344	0.271	0.272	0.26	0.256	0.27	0.256	0.285	13.784
T	Naphthalene	1.338	1.262	0.956	0.977	0.948	1.04	0.853	1.051	1.0531	15.705 LR,F
T	1,2,3-Trichlorobenzene		0.619	0.46	0.469	0.443	0.477	0.403	0.471	0.4774	14.082

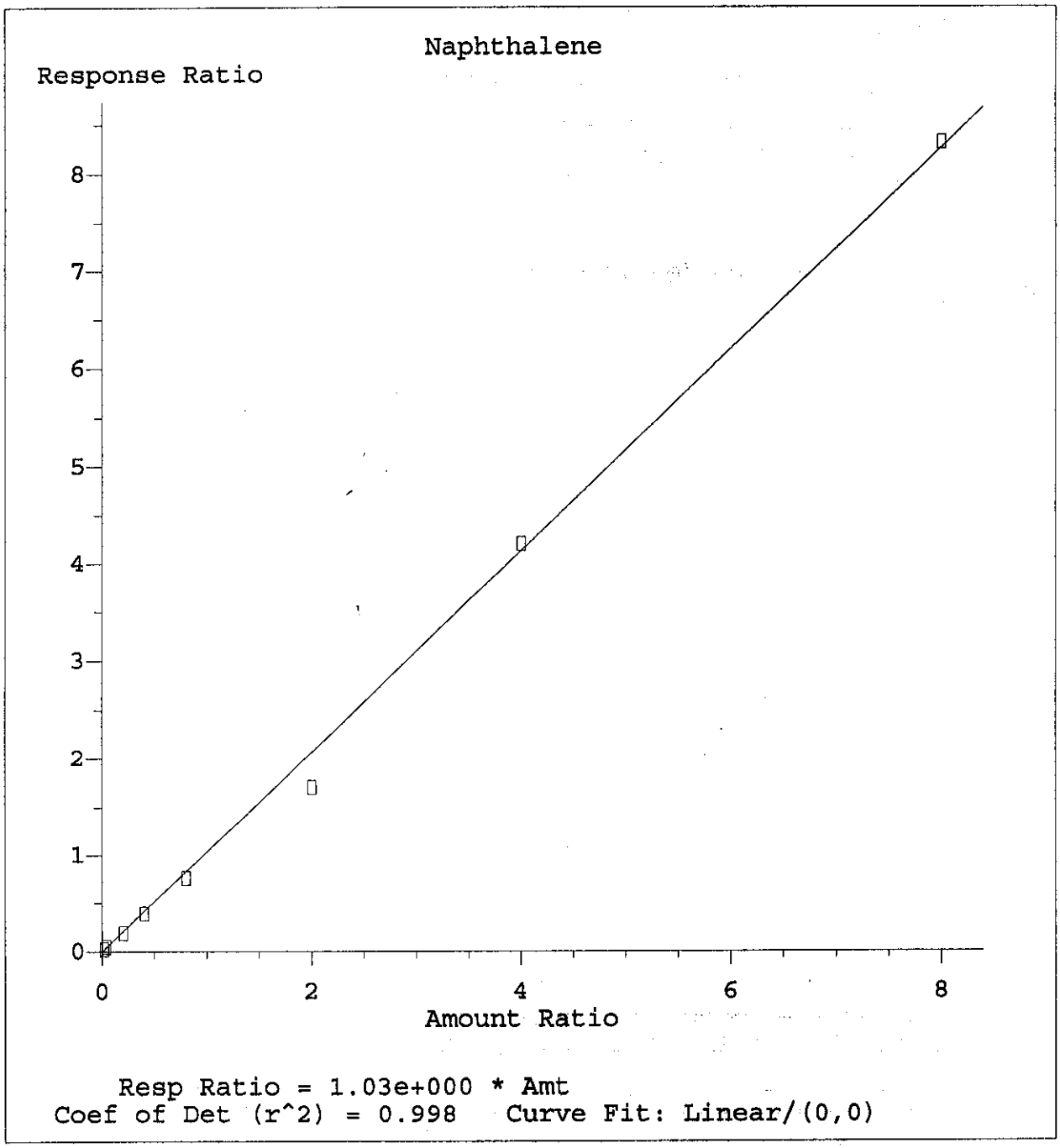
Wed Oct 18 23:41:08 2000



Method Name: C:\HPCHEM\1\METHODS\M8260WT.M
Calibration Table Last Updated: Wed Oct 18 23:15:52 2000



Method Name: C:\HPCHEM\1\METHODS\M8260WT.M
Calibration Table Last Updated: Wed Oct 18 23:15:52 2000

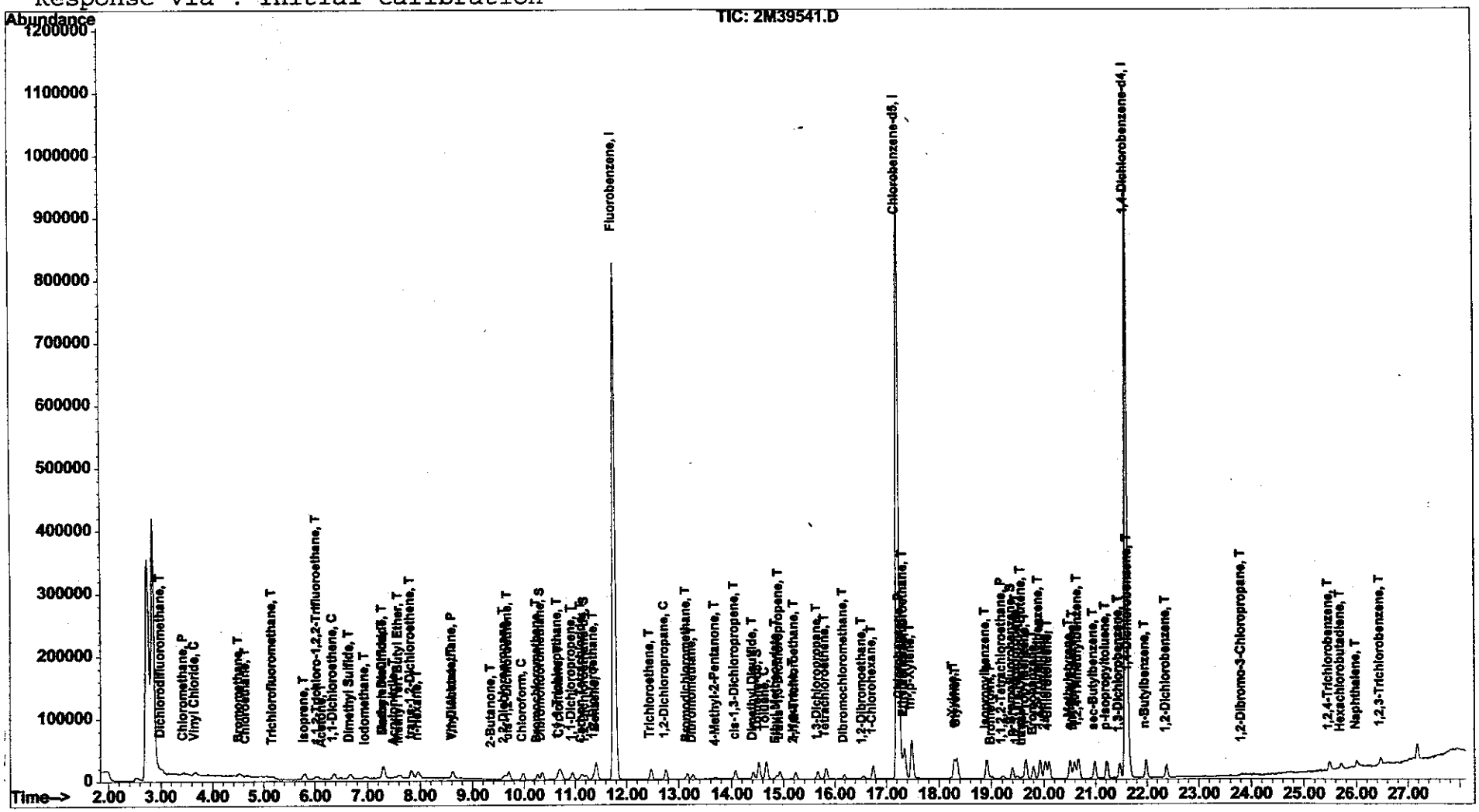


Method Name: C:\HPCHEM\1\METHODS\M8260WT.M
Calibration Table Last Updated: Wed Oct 18 23:18:03 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39541.D Vial: 13
Acq On : 18 Oct 2000 19:34 Operator: CMS
Sample : WG85936-07 0.5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39541.D Vial: 13
Acq On : 18 Oct 2000 19:34 Operator: CMS
Sample : WG85936-07 0.5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.77	96	1424608	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.21	117	1103423	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	558468	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.36	111	11126	0.63	UG/L		0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 2.52%#				
33) 1,2-Dichloroethane-d4	11.21	65	9869	0.61	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 2.44%#				
45) Toluene-d8	14.53	98	37244	0.60	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 2.40%#				
66) p-Bromofluorobenzene	19.40	95	15054	0.61	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 2.44%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	9869	0.61	UG/L	#	64
3) Chloromethane	3.46	50	12556	0.93	UG/L	#	70
4) Vinyl Chloride	3.66	62	10263	0.74	UG/L		99
5) Bromomethane	4.53	94	6920	0.73	UG/L		97
6) Chloroethane	4.65	64	4371	0.59	UG/L	#	41
7) Trichlorofluoromethane	5.18	101	11396	0.60	UG/L	#	92
8) Isoprene	5.79	67	11480	0.56	UG/L		84
10) 1,1,2-Trichloro-1,2,2-Trif	6.05	101	8078	0.58	UG/L	#	100
11) Acetone	6.16	43	2516	1.29	UG/L	#	56
12) 1,1-Dichloroethene	6.38	96	11377	0.86	UG/L	#	68
13) Dimethyl Sulfide	6.68	62	8953	0.59	UG/L	#	78
14) Iodomethane	6.95	142	8987	0.51	UG/L		95
15) Methylene Chloride	7.29	84	10569	0.65	UG/L		88
16) Carbon Disulfide	7.30	76	33295	0.58	UG/L	#	94
17) Acrylonitrile	7.53	53	1295	0.51	UG/L	#	8
18) Methyl Tert Butyl Ether	7.60	73	14590	0.55	UG/L	#	82
19) trans-1,2-Dichloroethene	7.85	96	9804	0.64	UG/L		81
20) n-Hexane	7.96	57	10763	0.56	UG/L		93
21) Vinyl Acetate	8.61	43	9503	0.58	UG/L	#	76
22) 1,1-Dichloroethane	8.62	63	20048	0.63	UG/L		96
23) 2-Butanone	9.37	43	1803	0.58	UG/L	#	58
24) 2,2-Dichloropropane	9.62	77	13449	0.57	UG/L		94
25) cis-1,2-Dichloroethene	9.70	96	11163	0.63	UG/L	#	75
26) Chloroform	9.97	83	18213	0.62	UG/L		96
27) Bromochloromethane	10.27	128	4362	0.59	UG/L		89
29) 1,1,1-Trichloroethane	10.67	97	12379	0.58	UG/L	#	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39541.D Vial: 13
Acq On : 18 Oct 2000 19:34 Operator: CMS
Sample : WG85936-07 0.5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.72	56	15540	0.57	UG/L		92
31)	1,1-Dichloropropene	10.95	75	12844	0.62	UG/L	#	81
32)	Carbon Tetrachloride	11.13	117	11597	0.62	UG/L		92
34)	1,2-Dichloroethane	11.37	62	11719	0.64	UG/L	#	77
35)	Benzene	11.41	78	46186	0.64	UG/L	#	91
36)	Trichloroethene	12.47	130	10378	0.60	UG/L		97
37)	1,2-Dichloropropane	12.75	63	11705	0.63	UG/L	#	85
38)	Bromodichloromethane	13.17	83	12365	0.59	UG/L		96
39)	Dibromomethane	13.26	93	4930	0.61	UG/L	#	68
41)	4-Methyl-2-Pentanone	13.70	58	1441	0.51	UG/L	#	31
42)	cis-1,3-Dichloropropene	14.07	75	14992	0.59	UG/L	#	89
43)	Dimethyl Disulfide	14.42	79	6562	0.47	UG/L	#	81
46)	Toluene	14.66	91	43621	0.61	ug/L		96
47)	Ethyl Methacrylate	14.87	69	7944	0.54	UG/L	#	56
48)	trans-1,3-Dichloropropene	14.93	75	12943	0.59	ug/L		96
49)	1,1,2-Trichloroethane	15.22	97	6523	0.63	UG/L		91
50)	2-Hexanone	15.20	43	3177	0.61	UG/L		93
51)	1,3-Dichloropropane	15.67	76	13602	0.62	UG/L	#	80
52)	Tetrachloroethene	15.83	164	8220	0.62	UG/L	#	77
53)	Dibromochloromethane	16.18	129	8167	0.60	UG/L		95
54)	1,2-Dibromoethane	16.54	107	6195	0.58	UG/L		97
55)	1-Chlorohexane	16.74	91	14239	0.56	UG/L		99
56)	Chlorobenzene	17.28	112	28440	0.62	UG/L	#	65
57)	1,1,1,2-Tetrachloroethane	17.35	131	9403	0.61	UG/L	#	85
58)	Ethylbenzene	17.35	106	14598	0.62	UG/L		98
59)	m-,p-Xylene	17.49	106	36385	1.26	UG/L		98
60)	o-Xylene	18.29	106	17495	0.62	UG/L		99
61)	Styrene	18.35	104	28421	0.59	UG/L	#	69
62)	Bromoform	19.02	173	4002	0.57	UG/L	#	81
63)	Isopropylbenzene	18.92	105	45214	0.62	ug/L		93
65)	1,1,2,2-Tetrachloroethane	19.22	83	7709	0.61	UG/L		98
67)	1,2,3-Trichloropropane	19.48	110	1483	0.52	UG/L	#	64
68)	trans-1,4-Dichloro-2-Buten	19.58	53	1363	0.41	UG/L	#	16
69)	n-Propylbenzene	19.65	91	57720	0.60	UG/L		97
70)	Bromobenzene	19.80	156	11060	0.60	UG/L		97
71)	1,3,5-Trimethylbenzene	19.93	105	36987	0.62	UG/L		95
72)	2-Chlorotoluene	20.02	91	39141	0.65	UG/L		98
73)	4-Chlorotoluene	20.10	91	35634	0.62	UG/L		96
74)	a-Methylstyrene	20.51	118	19160	0.57	UG/L		99
75)	tert-Butylbenzene	20.59	119	33341	0.59	UG/L		94
76)	1,2,4-Trimethylbenzene	20.67	105	38825	0.65	UG/L	#	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39541.D Vial: 13
Acq On : 18 Oct 2000 19:34 Operator: CMS
Sample : WG85936-07 0.5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

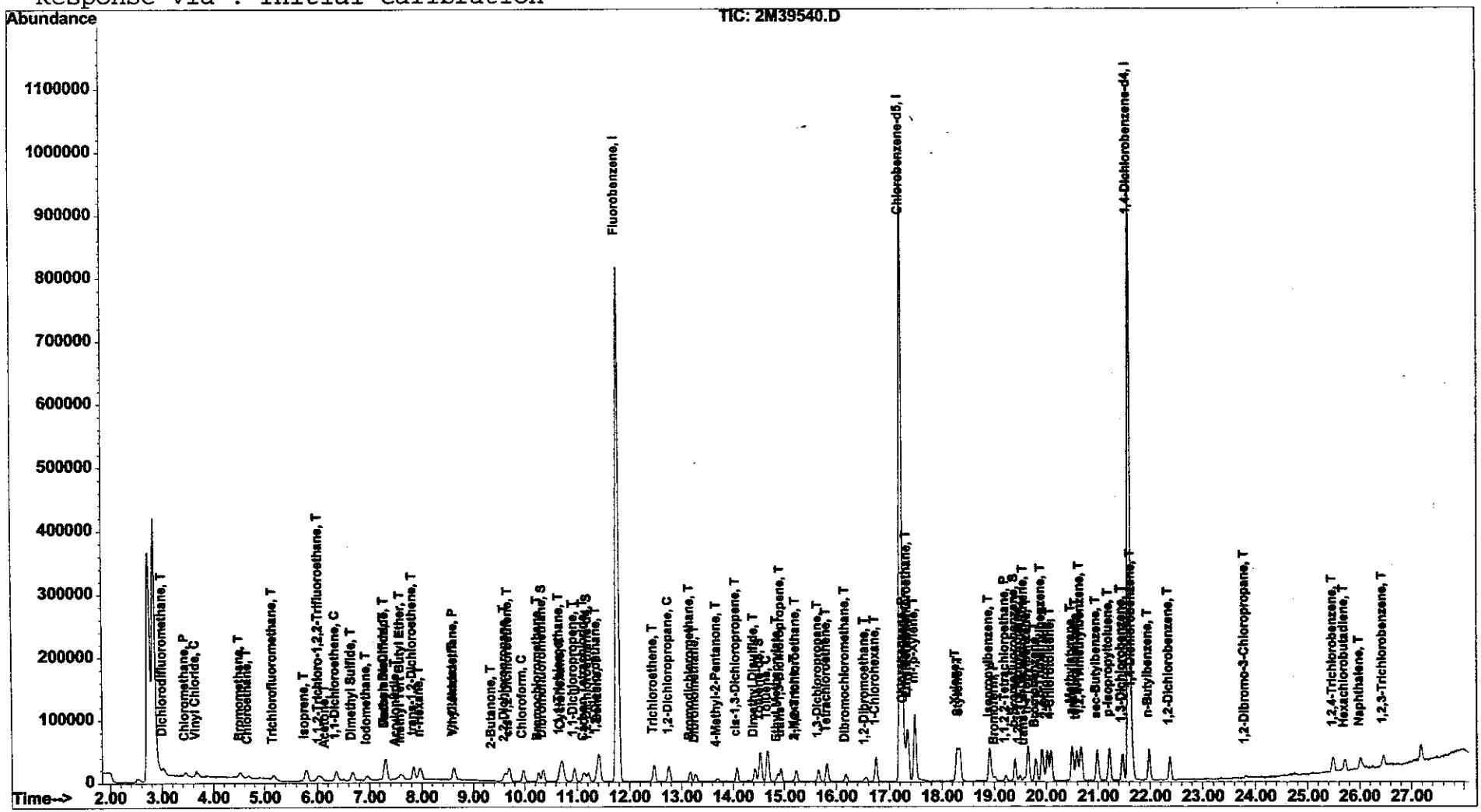
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	sec-Butylbenzene	20.99	105	45010	0.62	UG/L		97
78)	p-Isopropyltoluene	21.21	119	36345	0.61	UG/L		97
79)	1,3-Dichlorobenzene	21.47	146	22333	0.62	UG/L		94
80)	1,4-Dichlorobenzene	21.66	146	22308	0.62	UG/L		94
81)	n-Butylbenzene	21.98	91	36420	0.64	UG/L		98
82)	1,2-Dichlorobenzene	22.38	146	19234	0.63	UG/L		94
83)	1,2-Dibromo-3-Chloropropan	23.82	157	1151	0.56	UG/L	#	64
84)	1,2,4-Trichlorobenzene	25.48	180	9451	0.63	UG/L		95
85)	Hexachlorobutadiene	25.72	225	3923	0.62	UG/L	#	85
86)	Naphthalene	26.01	128	14946	0.65	UG/L	#	76
87)	1,2,3-Trichlorobenzene	26.47	180	7932	0.74	UG/L		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39540.D Vial: 12
Acq On : 18 Oct 2000 18:59 Operator: CMS
Sample : WG85936-06 1PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:47 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39540.D Vial: 12
Acq On : 18 Oct 2000 18:59 Operator: CMS
Sample : WG85936-06 1PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:47 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1441131	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1106900	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.61	152	559805	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.36	111	19057	1.06	UG/L		0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 4.24%#				
33) 1,2-Dichloroethane-d4	11.21	65	17244	1.06	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 4.24%#				
45) Toluene-d8	14.53	98	64792	1.05	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 4.20%#				
66) p-Bromofluorobenzene	19.40	95	25853	1.04	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 4.16%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	16982	1.04	UG/L		95
3) Chloromethane	3.46	50	17952	1.31	UG/L	#	85
4) Vinyl Chloride	3.67	62	16368	1.16	UG/L		97
5) Bromomethane	4.52	94	14467	1.50	UG/L		92
6) Chloroethane	4.68	64	8037	1.07	UG/L	#	80
7) Trichlorofluoromethane	5.17	101	20949	1.09	UG/L	#	97
8) Isoprene	5.78	67	21799	1.05	UG/L		84
10) 1,1,2-Trichloro-1,2,2-Trif	6.05	101	14151	1.01	UG/L	#	100
11) Acetone	6.16	43	3925	1.99	UG/L	#	56
12) 1,1-Dichloroethene	6.37	96	17246	1.29	UG/L		84
13) Dimethyl Sulfide	6.68	62	15554	1.01	UG/L	#	75
14) Iodomethane	6.96	142	17042	0.95	UG/L		98
15) Methylene Chloride	7.29	84	17218	1.05	UG/L		92
16) Carbon Disulfide	7.31	76	59638	1.02	UG/L		96
17) Acrylonitrile	7.52	53	2379	0.93	UG/L		90
18) Methyl Tert Butyl Ether	7.62	73	25870	0.97	UG/L	#	73
19) trans-1,2-Dichloroethene	7.84	96	16799	1.08	UG/L		92
20) n-Hexane	7.96	57	20679	1.07	UG/L		90
21) Vinyl Acetate	8.62	43	16855	1.01	UG/L	#	76
22) 1,1-Dichloroethane	8.63	63	33126	1.03	UG/L		99
23) 2-Butanone	9.38	43	3360	1.07	UG/L	#	58
24) 2,2-Dichloropropane	9.62	77	23316	0.97	UG/L		92
25) cis-1,2-Dichloroethene	9.70	96	18174	1.02	UG/L	#	67
26) Chloroform	9.97	83	30674	1.03	UG/L		96
27) Bromochloromethane	10.27	128	7648	1.02	UG/L		99
29) 1,1,1-Trichloroethane	10.67	97	22517	1.04	UG/L		88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39540.D Vial: 12
Acq On : 18 Oct 2000 18:59 Operator: CMS
Sample : WG85936-06 1PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:47 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.72	56	28879	1.05	UG/L		92
31)	1,1-Dichloropropene	10.95	75	22308	1.06	UG/L	#	79
32)	Carbon Tetrachloride	11.12	117	19474	1.03	UG/L		99
34)	1,2-Dichloroethane	11.37	62	19652	1.05	UG/L	#	77
35)	Benzene	11.42	78	77390	1.06	UG/L		93
36)	Trichloroethene	12.45	130	18609	1.05	UG/L		91
37)	1,2-Dichloropropane	12.76	63	18742	1.00	UG/L		89
38)	Bromodichloromethane	13.17	83	21346	1.01	UG/L		92
39)	Dibromomethane	13.27	93	8218	1.01	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.69	58	2411	0.85	UG/L	#	31
42)	cis-1,3-Dichloropropene	14.08	75	25573	1.00	UG/L	#	90
43)	Dimethyl Disulfide	14.41	79	12678	0.89	UG/L		95
46)	Toluene	14.67	91	73846	1.03	ug/L		99
47)	Ethyl Methacrylate	14.87	69	15137	1.02	UG/L	#	83
48)	trans-1,3-Dichloropropene	14.93	75	22257	1.01	ug/L		94
49)	1,1,2-Trichloroethane	15.23	97	10501	1.01	UG/L	#	87
50)	2-Hexanone	15.20	43	5047	0.96	UG/L		92
51)	1,3-Dichloropropane	15.67	76	22131	1.01	UG/L	#	80
52)	Tetrachloroethene	15.82	164	13578	1.02	UG/L	#	73
53)	Dibromochloromethane	16.19	129	13072	0.96	UG/L		99
54)	1,2-Dibromoethane	16.55	107	10573	0.98	UG/L		96
55)	1-Chlorohexane	16.74	91	25838	1.02	UG/L		96
56)	Chlorobenzene	17.29	112	46617	1.02	UG/L	#	37
57)	1,1,1,2-Tetrachloroethane	17.35	131	15687	1.02	UG/L		87
58)	Ethylbenzene	17.35	106	24578	1.05	UG/L		96
59)	m-,p-Xylene	17.49	106	61201	2.11	UG/L		98
60)	o-Xylene	18.30	106	28679	1.01	UG/L		98
61)	Styrene	18.34	104	50247	1.04	UG/L	#	78
62)	Bromoform	19.02	173	6550	0.93	UG/L		95
63)	Isopropylbenzene	18.92	105	77010	1.05	ug/L		96
65)	1,1,2,2-Tetrachloroethane	19.22	83	12372	0.97	UG/L		97
67)	1,2,3-Trichloropropane	19.48	110	3070	1.07	UG/L	#	67
68)	trans-1,4-Dichloro-2-Buten	19.59	53	2705	0.82	UG/L		95
69)	n-Propylbenzene	19.65	91	99333	1.03	UG/L		98
70)	Bromobenzene	19.80	156	18949	1.03	UG/L		96
71)	1,3,5-Trimethylbenzene	19.93	105	62199	1.05	UG/L		93
72)	2-Chlorotoluene	20.02	91	60334	1.00	UG/L		94
73)	4-Chlorotoluene	20.10	91	61925	1.07	UG/L		95
74)	a-Methylstyrene	20.50	118	34276	1.02	UG/L		98
75)	tert-Butylbenzene	20.59	119	61403	1.08	UG/L		92
76)	1,2,4-Trimethylbenzene	20.67	105	61981	1.04	UG/L	#	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39540.D Vial: 12
Acq On : 18 Oct 2000 18:59 Operator: CMS
Sample : WG85936-06 1PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:47 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	sec-Butylbenzene	20.99	105	75149	1.04	UG/L		99
78)	p-Isopropyltoluene	21.22	119	63260	1.06	UG/L		99
79)	1,3-Dichlorobenzene	21.48	146	37461	1.04	UG/L		95
80)	1,4-Dichlorobenzene	21.66	146	37150	1.03	UG/L	#	66
81)	n-Butylbenzene	21.98	91	60209	1.05	UG/L		100
82)	1,2-Dichlorobenzene	22.37	146	32320	1.05	UG/L		97
83)	1,2-Dibromo-3-Chloropropan	23.80	157	2656	1.30	UG/L		99
84)	1,2,4-Trichlorobenzene	25.50	180	16524	1.10	UG/L	#	90
85)	Hexachlorobutadiene	25.71	225	7706	1.21	UG/L	#	93
86)	Naphthalene	26.02	128	28259	1.22	UG/L		96
87)	1,2,3-Trichlorobenzene	26.46	180	13852	1.30	UG/L		91

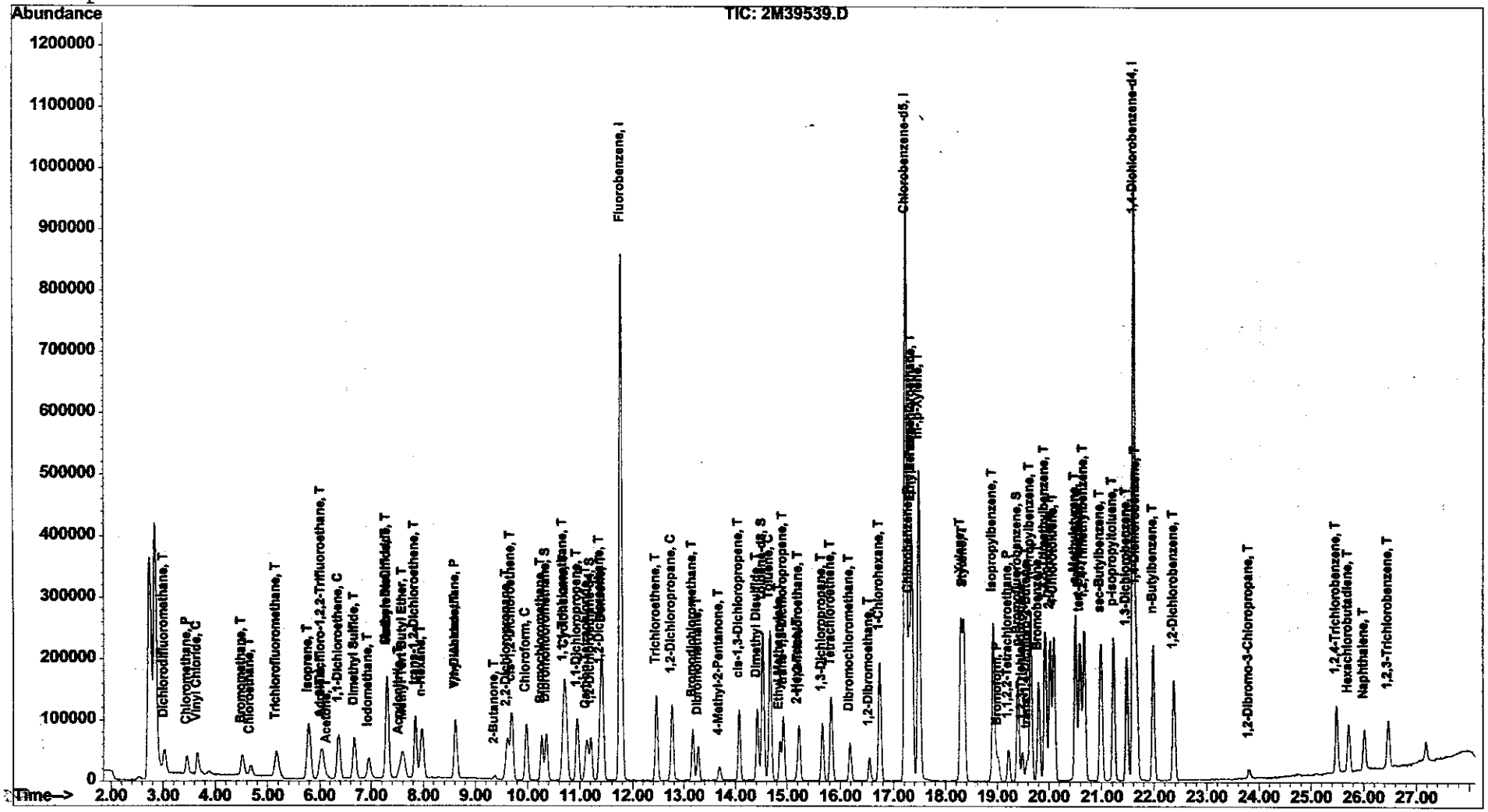
252

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39539.D Vial: 11
Acq On : 18 Oct 2000 18:24 Operator: CMS
Sample : WG85936-05 5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:46 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39539.D Vial: 11
Acq On : 18 Oct 2000 18:24 Operator: CMS
Sample : WG85936-05 5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:46 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.77	96	1493976	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.23	117	1133317	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	566454	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.35	111	91759	4.94	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 19.76%#			
33) 1,2-Dichloroethane-d4	11.21	65	84929	5.02	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 20.08%#			
45) Toluene-d8	14.53	98	322734	5.09	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 20.36%#			
66) p-Bromofluorobenzene	19.41	95	124900	4.95	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 19.80%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	82587	4.86	UG/L	94
3) Chloromethane	3.46	50	69464	4.90	UG/L	94
4) Vinyl Chloride	3.65	62	77559	5.31	UG/L	97
5) Bromomethane	4.51	94	58296	5.85	UG/L	97
6) Chloroethane	4.67	64	39194	5.04	UG/L	91
7) Trichlorofluoromethane	5.18	101	104465	5.24	UG/L #	98
8) Isoprene	5.78	67	108619	5.04	UG/L	84
9) Acrolein	6.02	56	2821	9.53	UG/L #	74
10) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	73713	5.08	UG/L #	100
11) Acetone	6.15	43	11716	5.73	UG/L #	87
12) 1,1-Dichloroethene	6.37	96	71277	5.15	UG/L	100
13) Dimethyl Sulfide	6.68	62	78071	4.87	UG/L #	76
14) Iodomethane	6.95	142	91665	4.95	UG/L	96
15) Methylene Chloride	7.29	84	81806	4.81	UG/L	93
16) Carbon Disulfide	7.31	76	308131	5.10	UG/L	100
17) Acrylonitrile	7.52	53	12471	4.69	UG/L	92
18) Methyl Tert Butyl Ether	7.60	73	132069	4.79	UG/L	99
19) trans-1,2-Dichloroethene	7.84	96	78139	4.84	UG/L	86
20) n-Hexane	7.97	57	96845	4.84	UG/L	89
21) Vinyl Acetate	8.61	43	78911	4.56	UG/L	100
22) 1,1-Dichloroethane	8.62	63	161576	4.84	UG/L	98
23) 2-Butanone	9.38	43	15651	4.81	UG/L	95
24) 2,2-Dichloropropane	9.62	77	114944	4.62	UG/L	97
25) cis-1,2-Dichloroethene	9.70	96	90173	4.88	UG/L #	67
26) Chloroform	9.98	83	151160	4.88	UG/L	97
27) Bromochloromethane	10.26	128	37524	4.85	UG/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39539.D Vial: 11
Acq On : 18 Oct 2000 18:24 Operator: CMS
Sample : WG85936-05 5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:46 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.68	97	108819	4.83	UG/L		89
30)	Cyclohexane	10.72	56	145504	5.11	UG/L		91
31)	1,1-Dichloropropene	10.94	75	104664	4.81	UG/L	#	83
32)	Carbon Tetrachloride	11.14	117	94963	4.83	UG/L		100
34)	1,2-Dichloroethane	11.38	62	92731	4.79	UG/L		97
35)	Benzene	11.42	78	367769	4.85	UG/L		94
36)	Trichloroethene	12.46	130	89970	4.92	UG/L		95
37)	1,2-Dichloropropane	12.76	63	94527	4.86	UG/L		86
38)	Bromodichloromethane	13.17	83	104770	4.80	UG/L		97
39)	Dibromomethane	13.27	93	40360	4.77	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.69	58	14493	4.91	UG/L	#	82
42)	cis-1,3-Dichloropropene	14.08	75	127323	4.79	UG/L		93
43)	Dimethyl Disulfide	14.42	79	71933	4.87	UG/L		98
46)	Toluene	14.67	91	365916	4.99	ug/L		98
47)	Ethyl Methacrylate	14.86	69	72326	4.78	UG/L	#	89
48)	trans-1,3-Dichloropropene	14.93	75	108550	4.79	ug/L		97
49)	1,1,2-Trichloroethane	15.23	97	51165	4.82	UG/L		90
50)	2-Hexanone	15.20	43	25753	4.81	UG/L		90
51)	1,3-Dichloropropane	15.66	76	106818	4.77	UG/L	#	81
52)	Tetrachloroethene	15.83	164	66051	4.86	UG/L	#	76
53)	Dibromochloromethane	16.18	129	67157	4.80	UG/L		98
54)	1,2-Dibromoethane	16.55	107	52825	4.80	UG/L		98
55)	1-Chlorohexane	16.75	91	129860	5.01	UG/L		97
56)	Chlorobenzene	17.30	112	232057	4.96	UG/L	#	68
57)	1,1,1,2-Tetrachloroethane	17.35	131	76525	4.85	UG/L		93
58)	Ethylbenzene	17.36	106	118066	4.92	UG/L		98
59)	m-,p-Xylene	17.48	106	293144	9.88	UG/L		100
60)	o-Xylene	18.29	106	143591	4.93	UG/L		100
61)	Styrene	18.34	104	244075	4.93	UG/L	#	80
62)	Bromoform	19.01	173	34222	4.76	UG/L	#	95
63)	Isopropylbenzene	18.91	105	364641	4.85	ug/L		94
65)	1,1,2,2-Tetrachloroethane	19.22	83	61132	4.73	UG/L		98
67)	1,2,3-Trichloropropane	19.49	110	13952	4.81	UG/L	#	88
68)	trans-1,4-Dichloro-2-Buten	19.57	53	16857	5.03	UG/L		90
69)	n-Propylbenzene	19.65	91	480397	4.92	UG/L		98
70)	Bromobenzene	19.80	156	91166	4.88	UG/L		95
71)	1,3,5-Trimethylbenzene	19.93	105	292852	4.88	UG/L		93
72)	2-Chlorotoluene	20.03	91	304658	5.00	UG/L		96
73)	4-Chlorotoluene	20.09	91	277275	4.74	UG/L		95
74)	a-Methylstyrene	20.51	118	170518	5.01	UG/L		97
75)	tert-Butylbenzene	20.59	119	285906	4.95	UG/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39539.D Vial: 11
Acq On : 18 Oct 2000 18:24 Operator: CMS
Sample : WG85936-05 5PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:46 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

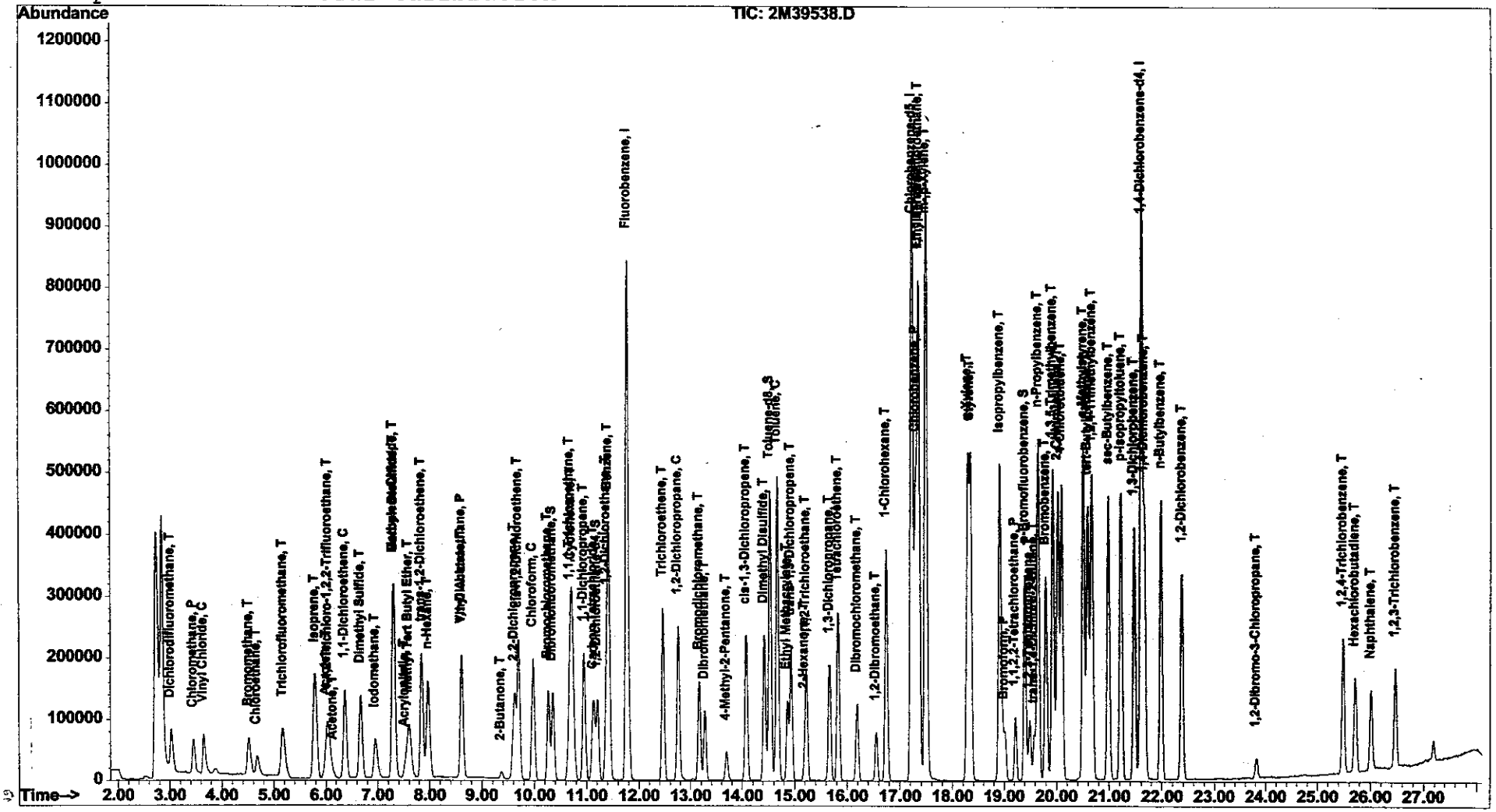
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.68	105	292646	4.86	UG/L		90
77)	sec-Butylbenzene	20.98	105	354736	4.84	UG/L		99
78)	p-Isopropyltoluene	21.22	119	291964	4.84	UG/L		100
79)	1,3-Dichlorobenzene	21.47	146	175580	4.80	UG/L		94
80)	1,4-Dichlorobenzene	21.66	146	175525	4.83	UG/L	#	88
81)	n-Butylbenzene	21.99	91	273210	4.71	UG/L		99
82)	1,2-Dichlorobenzene	22.38	146	149394	4.80	UG/L		94
83)	1,2-Dibromo-3-Chloropropan	23.83	157	10094	4.87	UG/L	#	82
84)	1,2,4-Trichlorobenzene	25.48	180	70206	4.62	UG/L	#	94
85)	Hexachlorobutadiene	25.71	225	30670	4.75	UG/L	#	91
86)	Naphthalene	26.02	128	108250	4.63	UG/L		96
87)	1,2,3-Trichlorobenzene	26.47	180	52170	4.82	UG/L	#	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39538.D Vial: 10
Acq On : 18 Oct 2000 17:49 Operator: CMS
Sample : WG85936-04 10PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:45 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39538.D Vial: 10
Acq On : 18 Oct 2000 17:49 Operator: CMS
Sample : WG85936-04 10PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:45 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.77	96	1477368	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.23	117	1128559	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	567490	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.35	111	177269	9.66	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 38.64%#				
33) 1,2-Dichloroethane-d4	11.21	65	163887	9.80	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 39.20%#				
45) Toluene-d8	14.53	98	618906	9.81	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 39.24%#				
66) p-Bromofluorobenzene	19.40	95	247412	9.80	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 39.20%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	153088	9.11	UG/L		95
3) Chloromethane	3.45	50	133582	9.53	UG/L		96
4) Vinyl Chloride	3.66	62	134743	9.32	UG/L		98
5) Bromomethane	4.52	94	105802	10.73	UG/L		98
6) Chloroethane	4.68	64	72542	9.43	UG/L		91
7) Trichlorofluoromethane	5.17	101	191440	9.71	UG/L	#	98
8) Isoprene	5.79	67	204215	9.58	UG/L		83
9) Acrolein	6.01	56	5917	20.21	UG/L		87
10) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	135392	9.43	UG/L	#	100
11) Acetone	6.15	43	20823	10.30	UG/L	#	89
12) 1,1-Dichloroethene	6.37	96	137456	10.05	UG/L		96
13) Dimethyl Sulfide	6.68	62	158241	9.98	UG/L	#	75
14) Iodomethane	6.95	142	183816	10.03	UG/L		98
15) Methylene Chloride	7.29	84	163209	9.71	UG/L		91
16) Carbon Disulfide	7.31	76	585963	9.81	UG/L		99
17) Acrylonitrile	7.51	53	25326	9.63	UG/L		100
18) Methyl Tert Butyl Ether	7.59	73	265388	9.73	UG/L		100
19) trans-1,2-Dichloroethene	7.85	96	156350	9.80	UG/L		86
20) n-Hexane	7.97	57	186498	9.43	UG/L		89
21) Vinyl Acetate	8.61	43	162938	9.52	UG/L		99
22) 1,1-Dichloroethane	8.62	63	326618	9.90	UG/L		98
23) 2-Butanone	9.37	43	30758	9.56	UG/L		92
24) 2,2-Dichloropropane	9.62	77	235720	9.59	UG/L		98
25) cis-1,2-Dichloroethene	9.70	96	183186	10.03	UG/L	#	68
26) Chloroform	9.98	83	303785	9.92	UG/L		96
27) Bromochloromethane	10.26	128	74516	9.74	UG/L		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39538.D Vial: 10
Acq On : 18 Oct 2000 17:49 Operator: CMS
Sample : WG85936-04 10PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:45 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.68	97	221312	9.93	UG/L		90
30)	Cyclohexane	10.72	56	275310	9.77	UG/L		90
31)	1,1-Dichloropropene	10.95	75	211393	9.83	UG/L	#	82
32)	Carbon Tetrachloride	11.13	117	188566	9.69	UG/L		98
34)	1,2-Dichloroethane	11.37	62	185406	9.69	UG/L		99
35)	Benzene	11.42	78	737038	9.83	UG/L		93
36)	Trichloroethene	12.46	130	178111	9.85	UG/L		97
37)	1,2-Dichloropropane	12.75	63	189594	9.86	UG/L		86
38)	Bromodichloromethane	13.17	83	210671	9.75	UG/L		97
39)	Dibromomethane	13.27	93	82439	9.85	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.69	58	27971	9.59	UG/L		87
42)	cis-1,3-Dichloropropene	14.07	75	259831	9.89	UG/L		94
43)	Dimethyl Disulfide	14.42	79	145050	9.93	UG/L		99
46)	Toluene	14.67	91	728812	9.99	ug/L		98
47)	Ethyl Methacrylate	14.87	69	145906	9.68	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.93	75	219771	9.74	ug/L		97
49)	1,1,2-Trichloroethane	15.23	97	102006	9.66	UG/L		91
50)	2-Hexanone	15.19	43	51696	9.69	UG/L		88
51)	1,3-Dichloropropane	15.67	76	215968	9.68	UG/L	#	81
52)	Tetrachloroethene	15.83	164	129708	9.58	UG/L	#	74
53)	Dibromochloromethane	16.19	129	131199	9.42	UG/L		97
54)	1,2-Dibromoethane	16.55	107	106106	9.68	UG/L		97
55)	1-Chlorohexane	16.74	91	252729	9.80	UG/L		99
56)	Chlorobenzene	17.30	112	463455	9.94	UG/L	#	68
57)	1,1,1,2-Tetrachloroethane	17.35	131	157459	10.02	UG/L		93
58)	Ethylbenzene	17.35	106	240343	10.06	UG/L		98
59)	m-,p-Xylene	17.49	106	594071	20.10	UG/L		99
60)	o-Xylene	18.29	106	287831	9.93	UG/L		99
61)	Styrene	18.34	104	493284	10.00	UG/L	#	81
62)	Bromoform	19.02	173	68929	9.64	UG/L	#	97
63)	Isopropylbenzene	18.91	105	733535	9.79	ug/L		94
65)	1,1,2,2-Tetrachloroethane	19.22	83	122803	9.49	UG/L		100
67)	1,2,3-Trichloropropane	19.49	110	28682	9.87	UG/L	#	88
68)	trans-1,4-Dichloro-2-Buten	19.58	53	33647	10.02	UG/L		94
69)	n-Propylbenzene	19.65	91	960039	9.82	UG/L		98
70)	Bromobenzene	19.80	156	182318	9.74	UG/L		97
71)	1,3,5-Trimethylbenzene	19.93	105	592261	9.85	UG/L		94
72)	2-Chlorotoluene	20.02	91	605680	9.91	UG/L		96
73)	4-Chlorotoluene	20.10	91	567075	9.67	UG/L		95
74)	a-Methylstyrene	20.51	118	331579	9.72	UG/L		100
75)	tert-Butylbenzene	20.60	119	568676	9.83	UG/L		93

(#) = qualifier out of range (m) = manual integration

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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39538.D Vial: 10
Acq On : 18 Oct 2000 17:49 Operator: CMS
Sample : WG85936-04 10PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:45 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

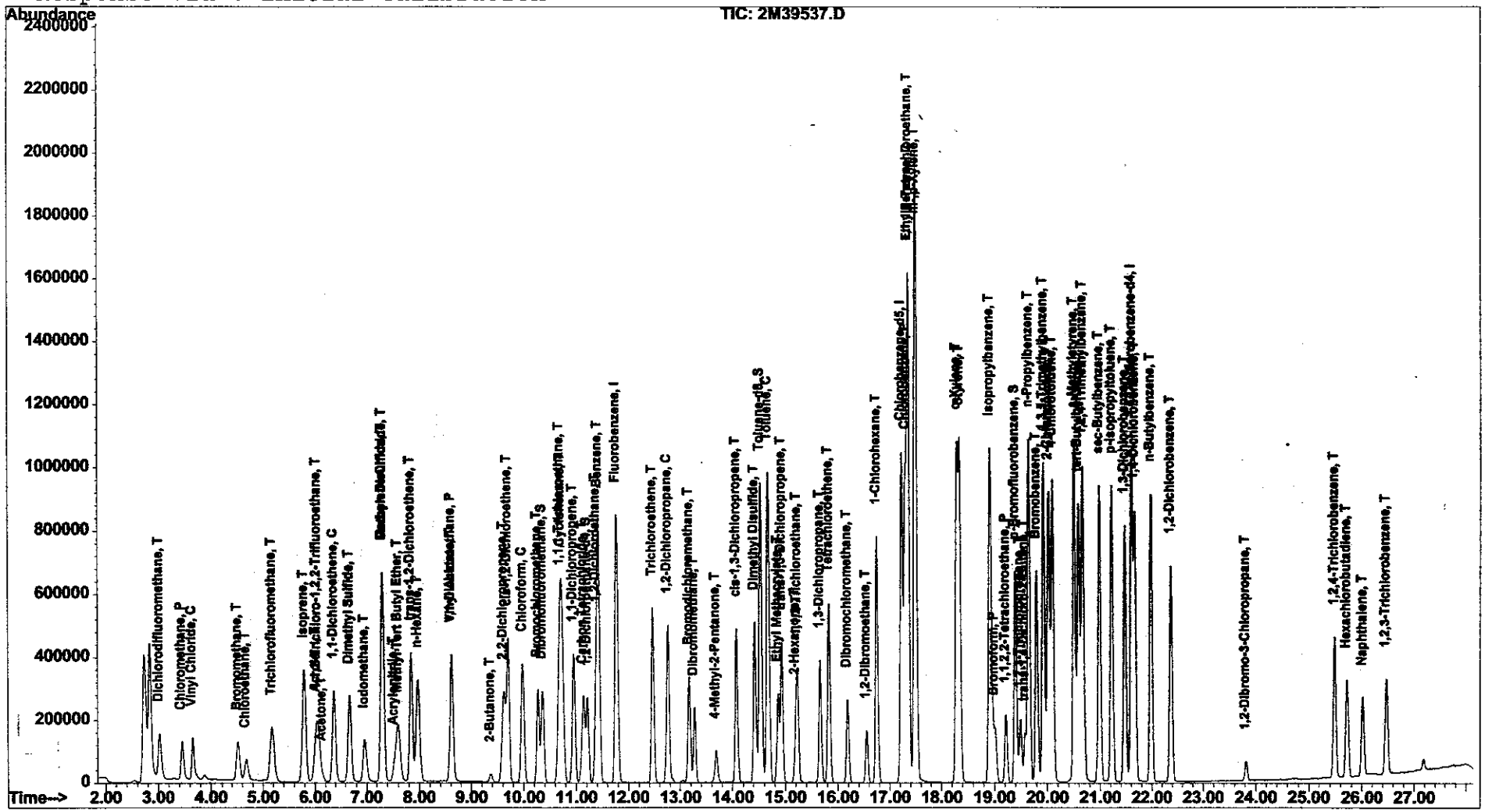
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	590584	9.79	UG/L		92
77)	sec-Butylbenzene	20.99	105	713376	9.73	UG/L		99
78)	p-Isopropyltoluene	21.23	119	589697	9.76	UG/L		100
79)	1,3-Dichlorobenzene	21.47	146	361743	9.87	UG/L		94
80)	1,4-Dichlorobenzene	21.67	146	356278	9.78	UG/L		92
81)	n-Butylbenzene	21.99	91	558707	9.62	UG/L		100
82)	1,2-Dichlorobenzene	22.38	146	307014	9.84	UG/L		94
83)	1,2-Dibromo-3-Chloropropan	23.82	157	19736	9.50	UG/L	#	79
84)	1,2,4-Trichlorobenzene	25.48	180	144297	9.47	UG/L	#	94
85)	Hexachlorobutadiene	25.72	225	61795	9.55	UG/L	#	89
86)	Naphthalene	26.01	128	221795	9.46	UG/L		98
87)	1,2,3-Trichlorobenzene	26.47	180	106422	9.82	UG/L	#	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39537.D Vial: 9
Acq On : 18 Oct 2000 17:14 Operator: CMS
Sample : WG85936-03 20PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:44 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39537.D
Acq On : 18 Oct 2000 17:14
Sample : WG85936-03 20PPB STD
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Oct 18 23:44 2000

Vial: 9
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1523998	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1154953	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	581918	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.35	111	358954	18.96	UG/L		0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 75.84%#				
33) 1,2-Dichloroethane-d4	11.21	65	327252	18.97	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 75.88%#				
45) Toluene-d8	14.53	98	1272158	19.71	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 78.84%#				
66) p-Bromofluorobenzene	19.40	95	499969	19.31	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 77.24%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	323721	18.68	UG/L		95
3) Chloromethane	3.45	50	270568	18.71	UG/L		99
4) Vinyl Chloride	3.65	62	258584	17.34	UG/L		99
5) Bromomethane	4.51	94	204370	20.10	UG/L		98
6) Chloroethane	4.67	64	149936	18.90	UG/L		89
7) Trichlorofluoromethane	5.17	101	402999	19.81	UG/L	#	98
8) Isoprene	5.78	67	431484	19.62	UG/L	#	82
9) Acrolein	6.01	56	12097	40.05	UG/L		90
10) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	288845	19.50	UG/L	#	100
11) Acetone	6.15	43	41907	20.10	UG/L	#	90
12) 1,1-Dichloroethene	6.36	96	268285	19.02	UG/L		94
13) Dimethyl Sulfide	6.67	62	321337	19.64	UG/L	#	76
14) Iodomethane	6.96	142	380146	20.11	UG/L		97
15) Methylene Chloride	7.29	84	330868	19.07	UG/L		91
16) Carbon Disulfide	7.31	76	1207015	19.60	UG/L		99
17) Acrylonitrile	7.52	53	56733	20.91	UG/L		92
18) Methyl Tert Butyl Ether	7.60	73	557270	19.80	UG/L		99
19) trans-1,2-Dichloroethene	7.84	96	308819	18.77	UG/L		85
20) n-Hexane	7.97	57	395024	19.36	UG/L		90
21) Vinyl Acetate	8.60	43	345550	19.57	UG/L		100
22) 1,1-Dichloroethane	8.61	63	650421	19.11	UG/L		98
23) 2-Butanone	9.37	43	66986	20.18	UG/L	#	87
24) 2,2-Dichloropropane	9.62	77	492610	19.43	UG/L		99
25) cis-1,2-Dichloroethene	9.69	96	365568	19.41	UG/L	#	68
26) Chloroform	9.98	83	600246	19.01	UG/L		96
27) Bromochloromethane	10.27	128	152961	19.37	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39537.D Vial: 9
Acq On : 18 Oct 2000 17:14 Operator: CMS
Sample : WG85936-03 20PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:44 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.68	97	441244	19.20	UG/L		89
30)	Cyclohexane	10.72	56	572274	19.69	UG/L		90
31)	1,1-Dichloropropene	10.95	75	423172	19.08	UG/L	#	82
32)	Carbon Tetrachloride	11.13	117	377439	18.81	UG/L		99
34)	1,2-Dichloroethane	11.37	62	377808	19.14	UG/L		100
35)	Benzene	11.42	78	1484685	19.20	UG/L		94
36)	Trichloroethene	12.46	130	358439	19.21	UG/L		96
37)	1,2-Dichloropropane	12.76	63	387757	19.55	UG/L	#	85
38)	Bromodichloromethane	13.16	83	433838	19.47	UG/L		96
39)	Dibromomethane	13.27	93	168403	19.51	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.68	58	63258	21.02	UG/L		87
42)	cis-1,3-Dichloropropene	14.08	75	534837	19.74	UG/L		94
43)	Dimethyl Disulfide	14.42	79	313828	20.83	UG/L		99
46)	Toluene	14.67	91	1458421	19.53	ug/L		99
47)	Ethyl Methacrylate	14.87	69	310144	20.11	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.94	75	455163	19.71	ug/L		98
49)	1,1,2-Trichloroethane	15.23	97	208965	19.33	UG/L		90
50)	2-Hexanone	15.19	43	111053	20.33	UG/L		87
51)	1,3-Dichloropropane	15.66	76	441564	19.35	UG/L	#	80
52)	Tetrachloroethene	15.83	164	266786	19.26	UG/L	#	76
53)	Dibromochloromethane	16.19	129	276854	19.43	UG/L		99
54)	1,2-Dibromoethane	16.55	107	220862	19.70	UG/L		97
55)	1-Chlorohexane	16.75	91	520071	19.70	UG/L		99
56)	Chlorobenzene	17.30	112	921636	19.31	UG/L	#	70
57)	1,1,1,2-Tetrachloroethane	17.35	131	312019	19.41	UG/L		94
58)	Ethylbenzene	17.35	106	479715	19.62	UG/L		99
59)	m-,p-Xylene	17.49	106	1176668	38.91	UG/L		99
60)	o-Xylene	18.29	106	585149	19.72	UG/L		99
61)	Styrene	18.34	104	1003463	19.88	UG/L	#	82
62)	Bromoform	19.01	173	147061	20.09	UG/L	#	95
63)	Isopropylbenzene	18.92	105	1491478	19.46	ug/L		94
65)	1,1,2,2-Tetrachloroethane	19.22	83	257564	19.42	UG/L		99
67)	1,2,3-Trichloropropane	19.50	110	58502	19.64	UG/L	#	89
68)	trans-1,4-Dichloro-2-Buten	19.58	53	72150	20.94	UG/L		93
69)	n-Propylbenzene	19.65	91	1941462	19.37	UG/L		98
70)	Bromobenzene	19.80	156	372210	19.40	UG/L		96
71)	1,3,5-Trimethylbenzene	19.93	105	1174847	19.05	UG/L		94
72)	2-Chlorotoluene	20.03	91	1160063	18.52	UG/L		93
73)	4-Chlorotoluene	20.10	91	1183694	19.69	UG/L		99
74)	a-Methylstyrene	20.50	118	685327	19.59	UG/L		96
75)	tert-Butylbenzene	20.59	119	1139988	19.22	UG/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39537.D Vial: 9
Acq On : 18 Oct 2000 17:14 Operator: CMS
Sample : WG85936-03 20PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:44 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

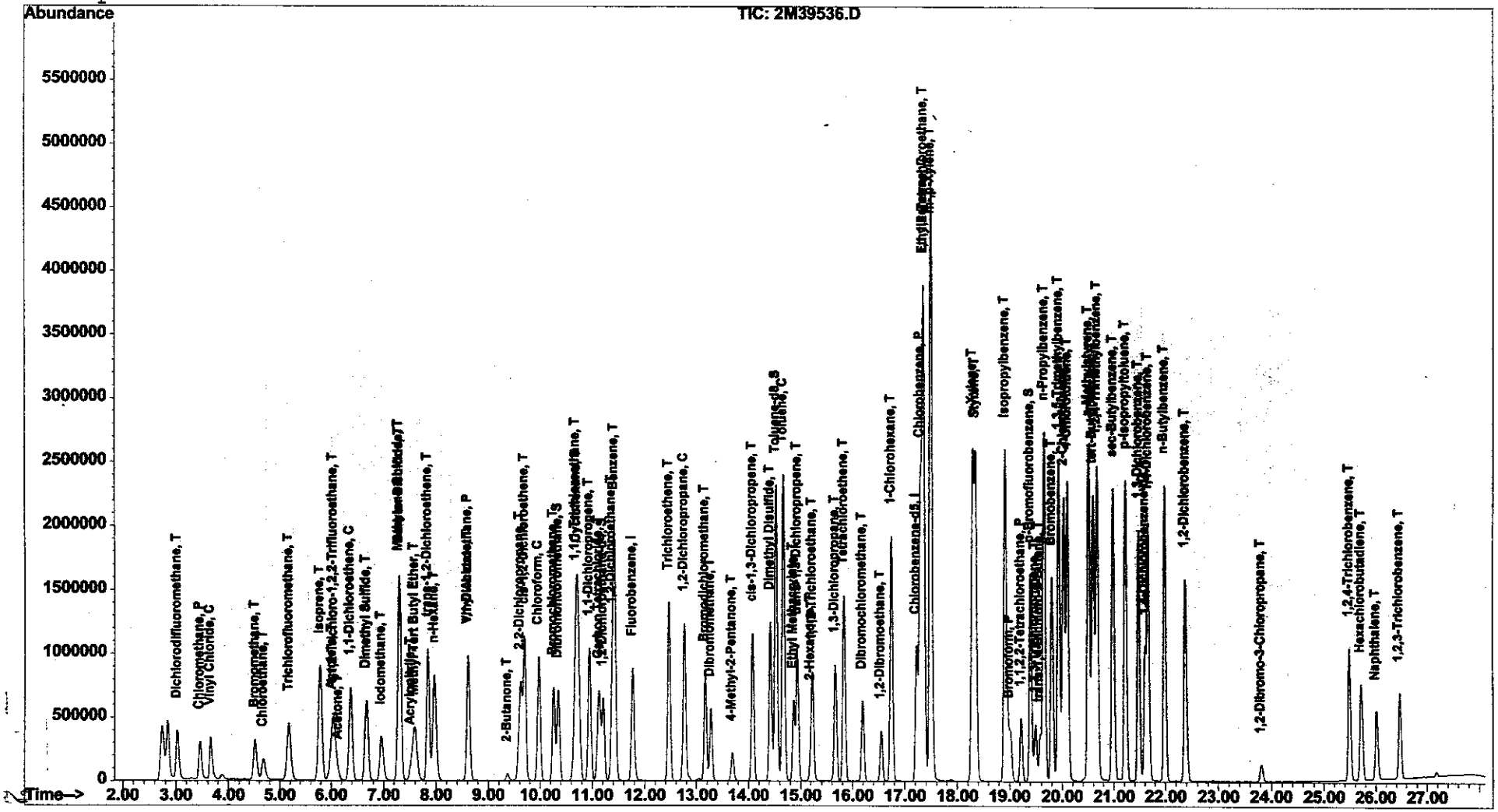
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	1169234	18.91	UG/L	#	80
77)	sec-Butylbenzene	20.98	105	1437570	19.11	UG/L		98
78)	p-Isopropyltoluene	21.22	119	1161016	18.74	UG/L		99
79)	1,3-Dichlorobenzene	21.48	146	717493	19.09	UG/L		93
80)	1,4-Dichlorobenzene	21.66	146	714822	19.14	UG/L		93
81)	n-Butylbenzene	21.98	91	1117010	18.76	UG/L		99
82)	1,2-Dichlorobenzene	22.37	146	610551	19.08	UG/L		93
83)	1,2-Dibromo-3-Chloropropan	23.82	157	38135	17.90	UG/L	#	76
84)	1,2,4-Trichlorobenzene	25.49	180	288517	18.47	UG/L	#	95
85)	Hexachlorobutadiene	25.71	225	120816	18.21	UG/L	#	91
86)	Naphthalene	26.02	128	441528	18.37	UG/L		97
87)	1,2,3-Trichlorobenzene	26.47	180	206164	18.55	UG/L	#	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:51 2000 Quant Results File: M8260WTR.RES

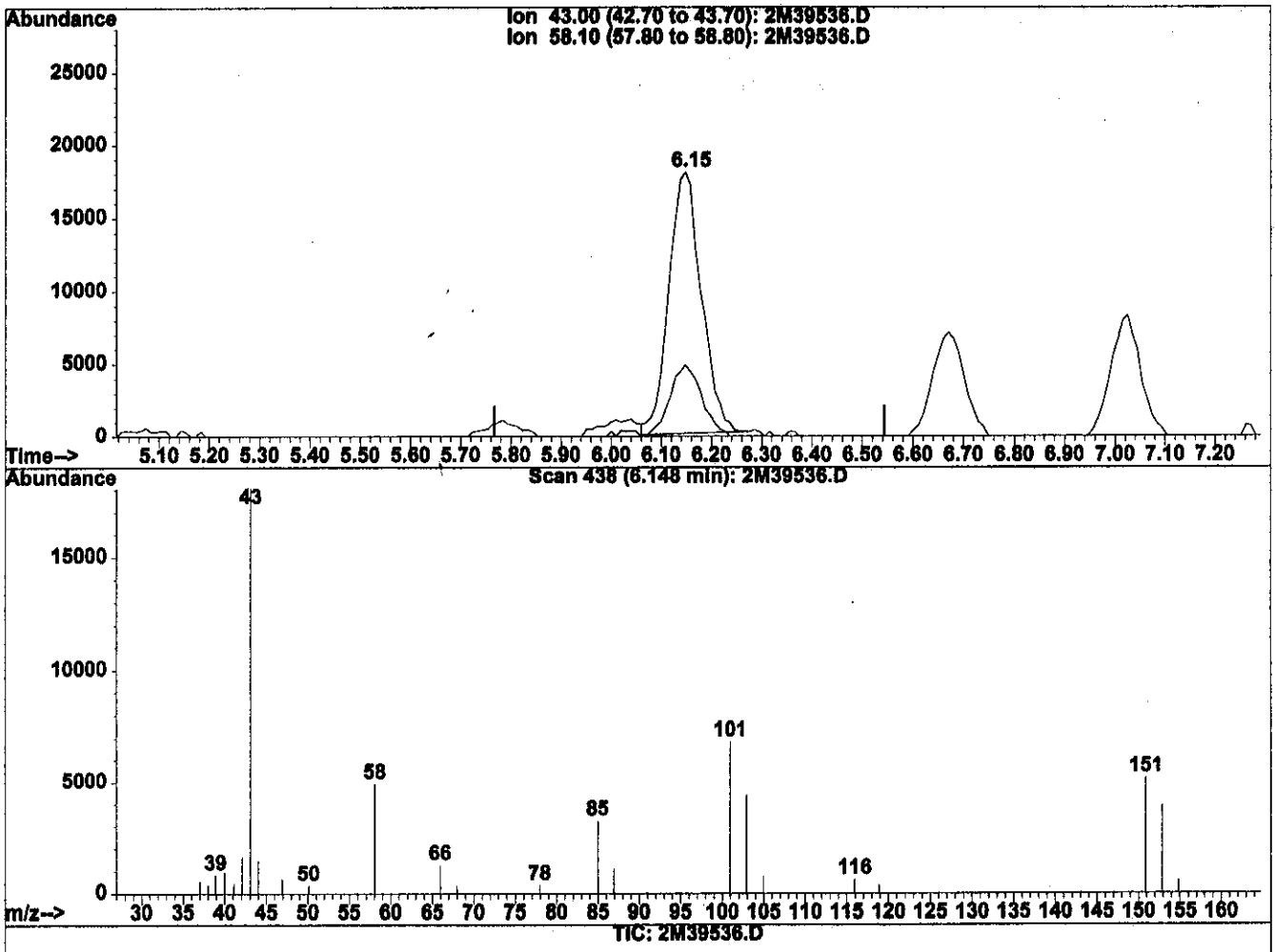
Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
Quant Time: Oct 18 23:43 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Single Level Calibration



(11) Acetone (T)

6.15min 38.38UG/L

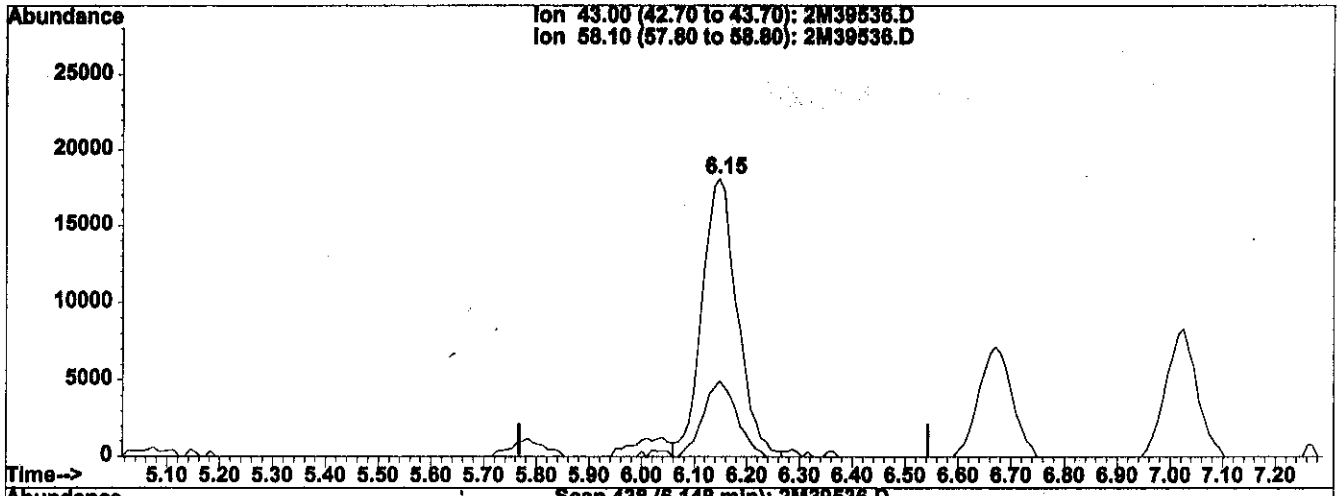
response 81142

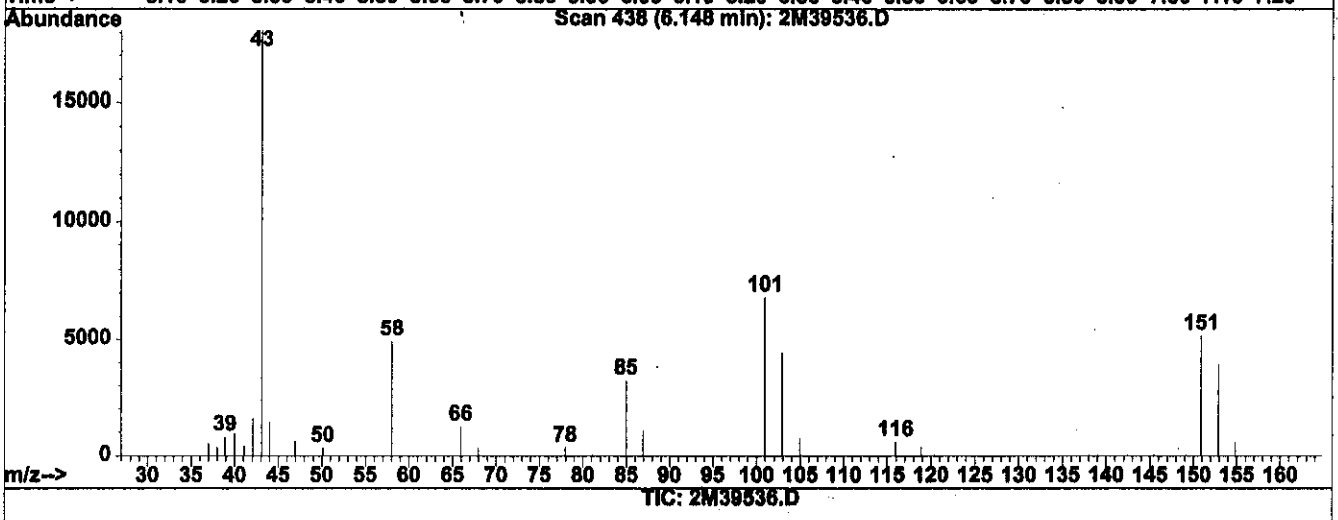
Ion	Exp%	Act%
43.00	100	100
58.10	20.40	27.16#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
Quant Time: Oct 18 23:51 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Single Level Calibration





(11) Acetone (T)

6.15min 39.70UG/L m

response 83929

Ion	Exp%	Act%
43.00	100	100
58.10	20.40	26.25#
0.00	0.00	0.00
0.00	0.00	0.00

10-18-00

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:51 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.77	96	1545117	25.00	UG/L		0.01
44) Chlorobenzene-d5	17.22	117	1161894	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.61	152	556394	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.36	111	894180	46.59	UG/L		0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 186.36%#				
33) 1,2-Dichloroethane-d4	11.21	65	788756	45.09	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 180.36%#				
45) Toluene-d8	14.53	98	3112556	47.93	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 191.72%#				
66) p-Bromofluorobenzene	19.40	95	1196660	48.33	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 193.32%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.03	85	884601	50.35	UG/L		94
3) Chloromethane	3.45	50	700918	47.82	UG/L		99
4) Vinyl Chloride	3.66	62	708882	46.89	UG/L		96
5) Bromomethane	4.51	94	524299	50.85	UG/L		99
6) Chloroethane	4.67	64	381829	47.47	UG/L		91
7) Trichlorofluoromethane	5.17	101	1049807	50.90	UG/L	#	98
8) Isoprene	5.78	67	1096461	49.18	UG/L		83
9) Acrolein	6.01	56	26798	87.51	UG/L		92
10) 1,1,2-Trichloro-1,2,2-Trif	6.04	101	741085	49.35	UG/L	#	100
11) Acetone	6.15	43	83929m	39.70	UG/L		
12) 1,1-Dichloroethene	6.37	96	667615	46.68	UG/L		90
13) Dimethyl Sulfide	6.67	62	775354	46.75	UG/L	#	77
14) Iodomethane	6.96	142	991937	51.76	UG/L		97
15) Methylene Chloride	7.28	84	809590	46.03	UG/L		91
16) Carbon Disulfide	7.31	76	3033348	48.58	UG/L		99
17) Acrylonitrile	7.52	53	126837	46.11	UG/L		94
18) Methyl Tert Butyl Ether	7.60	73	1304653	45.72	UG/L		99
19) trans-1,2-Dichloroethene	7.84	96	790525	47.38	UG/L		86
20) n-Hexane	7.97	57	1021056	49.36	UG/L		89
21) Vinyl Acetate	8.61	43	795874	44.45	UG/L		100
22) 1,1-Dichloroethane	8.61	63	1649087	47.78	UG/L		99
23) 2-Butanone	9.37	43	137307	40.80	UG/L	#	87
24) 2,2-Dichloropropane	9.62	77	1308333	50.89	UG/L		99
25) cis-1,2-Dichloroethene	9.70	96	892882	46.76	UG/L	#	64
26) Chloroform	9.97	83	1536478	47.99	UG/L		96
27) Bromochloromethane	10.27	128	374004	46.72	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:51 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 1,1,1-Trichloroethane	10.68	97	1147329	49.24 UG/L	89
30) Cyclohexane	10.72	56	1438990	48.82 UG/L	91
31) 1,1-Dichloropropene	10.95	75	1072537	47.70 UG/L #	82
32) Carbon Tetrachloride	11.13	117	975970	47.96 UG/L	98
34) 1,2-Dichloroethane	11.37	62	920579	46.00 UG/L	100
35) Benzene	11.42	78	3676322	46.90 UG/L	93
36) Trichloroethene	12.46	130	905830	47.89 UG/L	97
37) 1,2-Dichloropropane	12.76	63	941407	46.81 UG/L	87
38) Bromodichloromethane	13.16	83	1073996	47.54 UG/L	96
39) Dibromomethane	13.27	93	396846	45.34 UG/L #	73
41) 4-Methyl-2-Pentanone	13.68	58	134121	43.96 UG/L	88
42) cis-1,3-Dichloropropene	14.08	75	1290077	46.97 UG/L	93
43) Dimethyl Disulfide	14.42	79	780525	51.10 UG/L	98
46) Toluene	14.67	91	3595728	47.87 ug/L	99
47) Ethyl Methacrylate	14.87	69	693087	44.66 UG/L #	90
48) trans-1,3-Dichloropropene	14.94	75	1082186	46.59 ug/L	98
49) 1,1,2-Trichloroethane	15.23	97	490865	45.14 UG/L	90
50) 2-Hexanone	15.19	43	224977	40.95 UG/L	87
51) 1,3-Dichloropropane	15.67	76	1038494	45.23 UG/L #	80
52) Tetrachloroethene	15.83	164	677511	48.61 UG/L #	77
53) Dibromochloromethane	16.19	129	670778	46.80 UG/L	100
54) 1,2-Dibromoethane	16.55	107	522938	46.36 UG/L	97
55) 1-Chlorohexane	16.75	91	1308173	49.25 UG/L	100
56) Chlorobenzene	17.29	112	2268299	47.25 UG/L #	73
57) 1,1,1,2-Tetrachloroethane	17.35	131	763595	47.21 UG/L	95
58) Ethylbenzene	17.35	106	1174155	47.73 UG/L	100
59) m-,p-Xylene	17.49	106	2914016	95.79 UG/L	99
60) o-Xylene	18.29	106	1429225	47.87 UG/L	99
61) Styrene	18.34	104	2424191	47.73 UG/L #	82
62) Bromoform	19.01	173	340174	46.19 UG/L #	95
63) Isopropylbenzene	18.92	105	3751288	48.65 ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.22	83	583286	45.99 UG/L	98
67) 1,2,3-Trichloropropane	19.50	110	131611	46.20 UG/L	91
68) trans-1,4-Dichloro-2-Buten	19.58	53	166569	50.57 UG/L	94
69) n-Propylbenzene	19.66	91	4831257	50.42 UG/L	98
70) Bromobenzene	19.80	156	892970	48.67 UG/L	97
71) 1,3,5-Trimethylbenzene	19.93	105	2912991	49.39 UG/L	94
72) 2-Chlorotoluene	20.03	91	2801520	46.77 UG/L	97
73) 4-Chlorotoluene	20.10	91	2922487	50.84 UG/L	95
74) a-Methylstyrene	20.50	118	1684114	50.34 UG/L	97
75) tert-Butylbenzene	20.59	119	2859404	50.42 UG/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39536.D Vial: 8
Acq On : 18 Oct 2000 16:39 Operator: CMS
Sample : WG85936-02 50PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:51 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

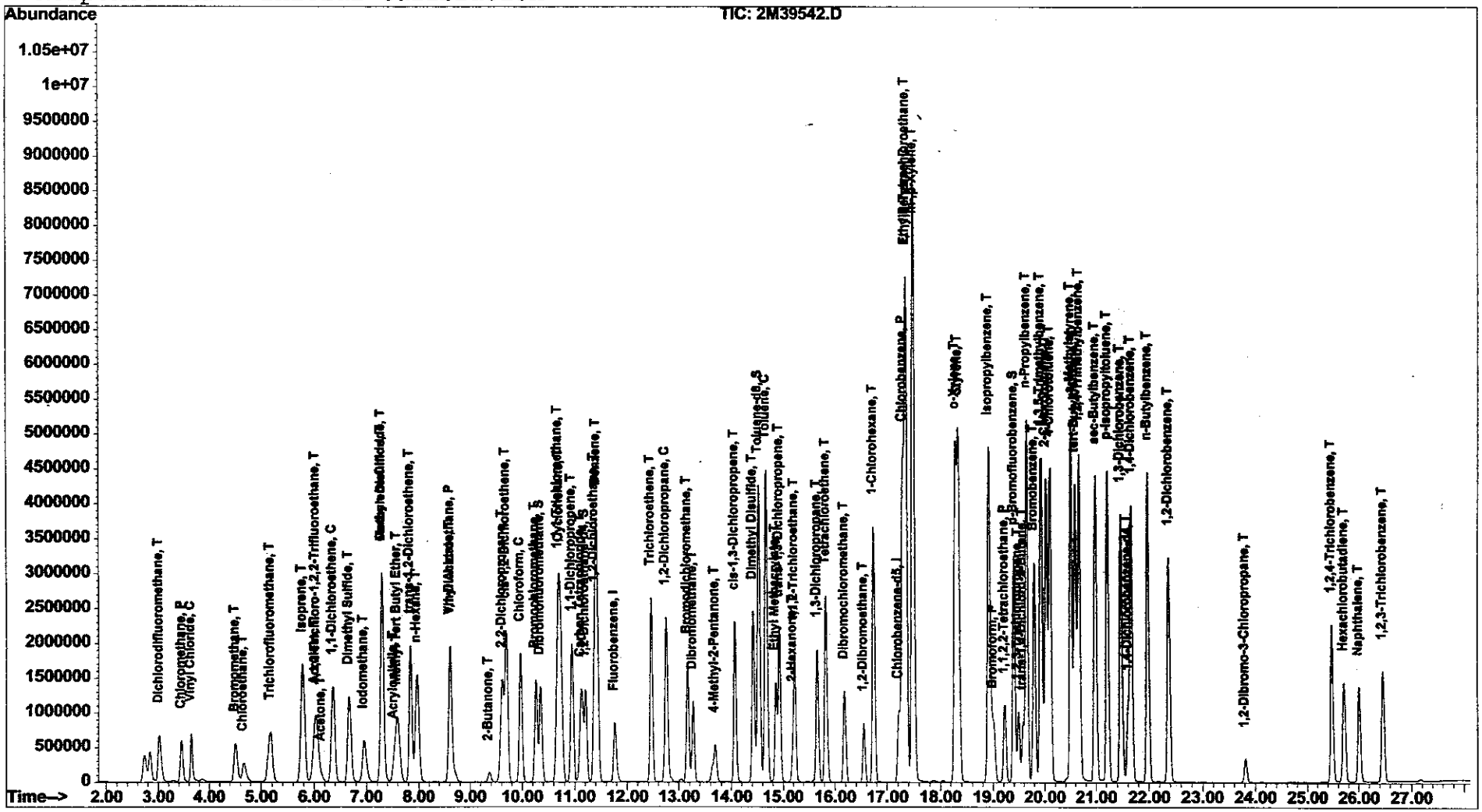
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	2879406	48.69	UG/L	#	80
77)	sec-Butylbenzene	20.98	105	3575576	49.72	UG/L		98
78)	p-Isopropyltoluene	21.22	119	2938941	49.62	UG/L		100
79)	1,3-Dichlorobenzene	21.48	146	1751240	48.73	UG/L		94
80)	1,4-Dichlorobenzene	21.66	146	1716605	48.08	UG/L		94
81)	n-Butylbenzene	21.98	91	2832570	49.76	UG/L		99
82)	1,2-Dichlorobenzene	22.37	146	1440671	47.08	UG/L		94
83)	1,2-Dibromo-3-Chloropropan	23.82	157	82635	40.57	UG/L	#	77
84)	1,2,4-Trichlorobenzene	25.49	180	672304	45.01	UG/L	#	95
85)	Hexachlorobutadiene	25.71	225	300351	47.35	UG/L	#	90
86)	Naphthalene	26.02	128	948807	41.29	UG/L		98
87)	1,2,3-Trichlorobenzene	26.47	180	448050	42.17	UG/L	#	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39542.D Vial: 14
Acq On : 18 Oct 2000 20:09 Operator: CMS
Sample : WG85936-08 100PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39542.D Vial: 14
Acq On : 18 Oct 2000 20:09 Operator: CMS
Sample : WG85936-08 100PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1473310	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1127676	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	565568	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.35	111	1732730	94.68	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 378.72%#				
33) 1,2-Dichloroethane-d4	11.21	65	1633272	97.91	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 391.64%#				
45) Toluene-d8	14.52	98	5851441	92.84	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 371.36%#				
66) p-Bromofluorobenzene	19.40	95	2381353	94.61	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 378.44%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	1651462	98.57	UG/L		95
3) Chloromethane	3.45	50	1302556	93.19	UG/L		99
4) Vinyl Chloride	3.64	62	1195646	82.94	UG/L		98
5) Bromomethane	4.50	94	1002674	101.98	UG/L		98
6) Chloroethane	4.66	64	737015	96.10	UG/L		90
7) Trichlorofluoromethane	5.16	101	1769229	89.97	UG/L		99
8) Isoprene	5.77	67	2080596	97.87	UG/L		83
9) Acrolein	6.01	56	59337	203.22	UG/L		96
10) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	1403888	98.04	UG/L	#	100
11) Acetone	6.15	43	212934	105.62	UG/L	#	85
12) 1,1-Dichloroethene	6.36	96	1251117	91.74	UG/L		90
13) Dimethyl Sulfide	6.66	62	1556992	98.45	UG/L	#	75
14) Iodomethane	6.95	142	1843907	100.91	UG/L		96
15) Methylene Chloride	7.28	84	1562800	93.19	UG/L		90
16) Carbon Disulfide	7.30	76	5684282	95.47	UG/L		99
17) Acrylonitrile	7.52	53	287649	109.68	UG/L		95
18) Methyl Tert Butyl Ether	7.59	73	2868786	105.42	UG/L		99
19) trans-1,2-Dichloroethene	7.83	96	1477903	92.90	UG/L		86
20) n-Hexane	7.96	57	1944163	98.56	UG/L		88
21) Vinyl Acetate	8.60	43	1834005	107.41	UG/L		100
22) 1,1-Dichloroethane	8.61	63	3115649	94.68	UG/L		98
23) 2-Butanone	9.36	43	353243	110.09	UG/L	#	88
24) 2,2-Dichloropropane	9.62	77	2513122	102.51	UG/L		99
25) cis-1,2-Dichloroethene	9.70	96	1702035	93.49	UG/L	#	64
26) Chloroform	9.97	83	2906733	95.21	UG/L		96
27) Bromochloromethane	10.27	128	753297	98.69	UG/L		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39542.D Vial: 14
Acq On : 18 Oct 2000 20:09 Operator: CMS
Sample : WG85936-08 100PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.68	97	2177409	98.01	UG/L		90
30)	Cyclohexane	10.72	56	2687884	95.64	UG/L		90
31)	1,1-Dichloropropene	10.95	75	2018616	94.15	UG/L	#	83
32)	Carbon Tetrachloride	11.13	117	1886925	97.25	UG/L		99
34)	1,2-Dichloroethane	11.37	62	1852111	97.07	UG/L		99
35)	Benzene	11.42	78	7006882	93.75	UG/L		94
36)	Trichloroethene	12.45	130	1727727	95.79	UG/L		96
37)	1,2-Dichloropropane	12.75	63	1829667	95.41	UG/L		87
38)	Bromodichloromethane	13.16	83	2125366	98.65	UG/L		96
39)	Dibromomethane	13.27	93	826674	99.05	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.69	58	326791	112.34	UG/L		87
42)	cis-1,3-Dichloropropene	14.07	75	2584545	98.68	UG/L		94
43)	Dimethyl Disulfide	14.41	79	1593401	109.40	UG/L		99
46)	Toluene	14.67	91	6760897	92.75	ug/L		99
47)	Ethyl Methacrylate	14.86	69	1583133	105.11	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.93	75	2253125	99.94	ug/L		97
49)	1,1,2-Trichloroethane	15.22	97	1038534	98.41	UG/L		90
50)	2-Hexanone	15.18	43	557193	104.49	UG/L	#	85
51)	1,3-Dichloropropane	15.67	76	2204526	98.94	UG/L	#	80
52)	Tetrachloroethene	15.83	164	1292013	95.51	UG/L	#	76
53)	Dibromochloromethane	16.19	129	1430148	102.82	UG/L		100
54)	1,2-Dibromoethane	16.55	107	1117880	102.10	UG/L		98
55)	1-Chlorohexane	16.74	91	2515703	97.59	UG/L		100
56)	Chlorobenzene	17.29	112	4394243	94.31	UG/L	#	74
57)	1,1,1,2-Tetrachloroethane	17.34	131	1513183	96.40	UG/L		94
58)	Ethylbenzene	17.35	106	2198648	92.10	UG/L		100
59)	m-,p-Xylene	17.49	106	5394371	182.70	UG/L		98
60)	o-Xylene	18.29	106	2705124	93.35	UG/L		100
61)	Styrene	18.35	104	4688200	95.11	UG/L	#	82
62)	Bromoform	19.02	173	747609	104.59	UG/L	#	95
63)	Isopropylbenzene	18.91	105	6984067	93.33	ug/L		93
65)	1,1,2,2-Tetrachloroethane	19.21	83	1316623	102.12	UG/L		99
67)	1,2,3-Trichloropropane	19.49	110	294750	101.80	UG/L		91
68)	trans-1,4-Dichloro-2-Buten	19.58	53	383641	114.59	UG/L		99
69)	n-Propylbenzene	19.65	91	9109072	93.52	UG/L		98
70)	Bromobenzene	19.80	156	1771543	94.99	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	5505622	91.84	UG/L		92
72)	2-Chlorotoluene	20.02	91	5568854	91.46	UG/L		96
73)	4-Chlorotoluene	20.10	91	5425714	92.86	UG/L		94
74)	a-Methylstyrene	20.50	118	3254283	95.69	UG/L		96
75)	tert-Butylbenzene	20.59	119	5134854	89.08	UG/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39542.D Vial: 14
Acq On : 18 Oct 2000 20:09 Operator: CMS
Sample : WG85936-08 100PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

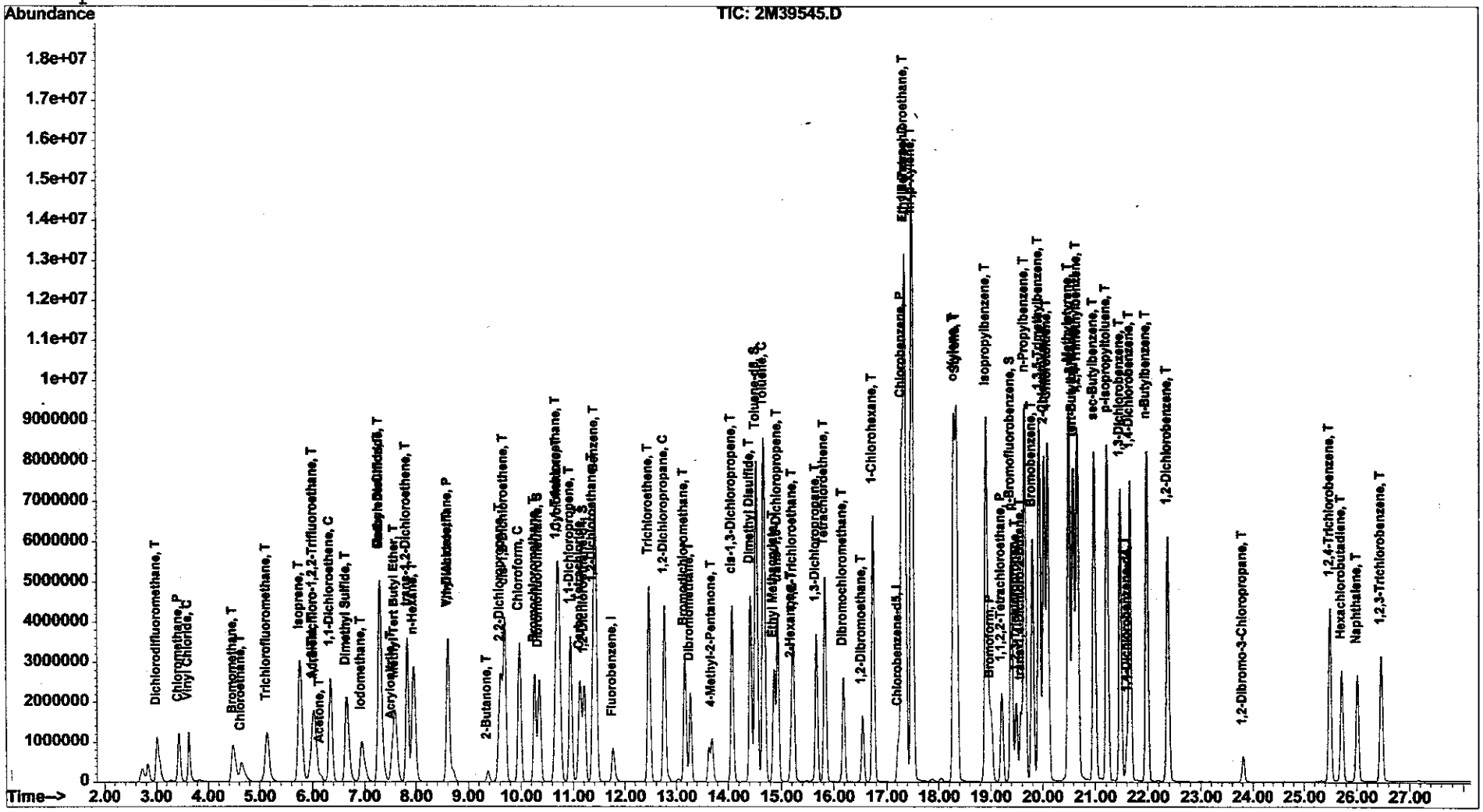
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	5483347	91.23	UG/L		90
77)	sec-Butylbenzene	20.99	105	6806159	93.10	UG/L		98
78)	p-Isopropyltoluene	21.22	119	5660678	94.02	UG/L		100
79)	1,3-Dichlorobenzene	21.47	146	3429722	93.89	UG/L		93
80)	1,4-Dichlorobenzene	21.67	146	3427839	94.46	UG/L		94
81)	n-Butylbenzene	21.98	91	5423794	93.73	UG/L		99
82)	1,2-Dichlorobenzene	22.37	146	2940652	94.55	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.81	157	202371	97.75	UG/L	#	75
84)	1,2,4-Trichlorobenzene	25.48	180	1477255	97.29	UG/L	#	96
85)	Hexachlorobutadiene	25.71	225	579492	89.88	UG/L	#	91
86)	Naphthalene	26.01	128	2378521	101.84	UG/L		98
87)	1,2,3-Trichlorobenzene	26.46	180	1066381	98.73	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101800\2M39545.D Vial: 17
Acq On : 18 Oct 2000 22:42 Operator: CMS
Sample : WG85936-09 200PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:49 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39545.D Vial: 17
Acq On : 18 Oct 2000 22:42 Operator: CMS
Sample : WG85936-09 200PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:49 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1448427	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1122219	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	556917	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	3224552	179.23	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 716.92%#				
33) 1,2-Dichloroethane-d4	11.21	65	2973092	181.29	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 725.16%#				
45) Toluene-d8	14.53	98	10945175	174.50	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 698.00%#				
66) p-Bromofluorobenzene	19.40	95	4475230	180.56	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 722.24%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.01	85	3081234	187.07	UG/L		94
3) Chloromethane	3.45	50	2555460	185.97	UG/L		99
4) Vinyl Chloride	3.63	62	2096560	147.92	UG/L		97
5) Bromomethane	4.48	94	1920850	198.73	UG/L		98
6) Chloroethane	4.65	64	1422241	188.63	UG/L		90
7) Trichlorofluoromethane	5.14	101	3037176	157.10	UG/L		99
8) Isoprene	5.76	67	3869537	185.15	UG/L		83
9) Acrolein	6.01	56	131380	457.69	UG/L		92
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	2595599	184.39	UG/L	#	100
11) Acetone	6.16	43	384097	193.79	UG/L	#	83
12) 1,1-Dichloroethene	6.34	96	2331679	173.90	UG/L		92
13) Dimethyl Sulfide	6.66	62	2956263	190.14	UG/L	#	76
14) Iodomethane	6.94	142	3543245	197.25	UG/L		96
15) Methylene Chloride	7.28	84	2992919	181.54	UG/L		89
16) Carbon Disulfide	7.30	76	10664533	182.19	UG/L		99
17) Acrylonitrile	7.51	53	570871	221.41	UG/L		95
18) Methyl Tert Butyl Ether	7.59	73	5516349	206.20	UG/L		99
19) trans-1,2-Dichloroethene	7.83	96	2759031	176.41	UG/L		88
20) n-Hexane	7.96	57	3676399	189.57	UG/L		89
21) Vinyl Acetate	8.61	43	3474901	207.01	UG/L		100
22) 1,1-Dichloroethane	8.60	63	5790802	178.99	UG/L		99
23) 2-Butanone	9.37	43	684804	217.09	UG/L	#	88
24) 2,2-Dichloropropane	9.61	77	4796344	199.01	UG/L		99
25) cis-1,2-Dichloroethene	9.69	96	3186720	178.04	UG/L	#	66
26) Chloroform	9.97	83	5449955	181.58	UG/L		97
27) Bromochloromethane	10.26	128	1441502	192.10	UG/L		100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39545.D Vial: 17
Acq On : 18 Oct 2000 22:42 Operator: CMS
Sample : WG85936-09 200PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:49 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.68	97	4049548	185.40	UG/L		91
30)	Cyclohexane	10.72	56	4921483	178.12	UG/L		91
31)	1,1-Dichloropropene	10.94	75	3800722	180.32	UG/L	#	83
32)	Carbon Tetrachloride	11.13	117	3553481	186.28	UG/L		99
34)	1,2-Dichloroethane	11.37	62	3381853	180.28	UG/L		99
35)	Benzene	11.42	78	12831789	174.64	UG/L		93
36)	Trichloroethene	12.46	130	3228840	182.09	UG/L		95
37)	1,2-Dichloropropane	12.76	63	3441475	182.54	UG/L		88
38)	Bromodichloromethane	13.16	83	4044918	190.98	UG/L		97
39)	Dibromomethane	13.27	93	1575537	192.02	UG/L	#	72
41)	4-Methyl-2-Pentanone	13.69	58	647752	226.51	UG/L		87
42)	cis-1,3-Dichloropropene	14.08	75	4926186	191.31	UG/L		93
43)	Dimethyl Disulfide	14.42	79	3017522	210.73	UG/L		98
46)	Toluene	14.67	91	12845649	177.07	ug/L		100
47)	Ethyl Methacrylate	14.86	69	3071340	204.92	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.93	75	4361301	194.39	ug/L		97
49)	1,1,2-Trichloroethane	15.23	97	1971183	187.70	UG/L		90
50)	2-Hexanone	15.19	43	1069712	201.57	UG/L		86
51)	1,3-Dichloropropane	15.66	76	4241561	191.28	UG/L	#	80
52)	Tetrachloroethene	15.83	164	2465933	183.17	UG/L	#	77
53)	Dibromochloromethane	16.18	129	2777466	200.65	UG/L		99
54)	1,2-Dibromoethane	16.55	107	2175133	199.63	UG/L		97
55)	1-Chlorohexane	16.75	91	4731138	184.42	UG/L		98
56)	Chlorobenzene	17.29	112	8296843	178.93	UG/L	#	75
57)	1,1,1,2-Tetrachloroethane	17.35	131	2832190	181.30	UG/L		95
58)	Ethylbenzene	17.36	106	4060200	170.90	UG/L		97
59)	m-,p-Xylene	17.48	106	9959446	338.96	UG/L		95
60)	o-Xylene	18.28	106	5204661	180.48	UG/L		98
61)	Styrene	18.34	104	8808961	179.58	UG/L	#	82
62)	Bromoform	19.01	173	1468042	206.37	UG/L	#	95
63)	Isopropylbenzene	18.91	105	13229636	177.64	ug/L		93
65)	1,1,2,2-Tetrachloroethane	19.22	83	2568291	202.30	UG/L		99
67)	1,2,3-Trichloropropane	19.49	110	580622	203.64	UG/L		91
68)	trans-1,4-Dichloro-2-Buten	19.57	53	756816	229.56	UG/L		97
69)	n-Propylbenzene	19.65	91	17069946	177.98	UG/L		97
70)	Bromobenzene	19.80	156	3412260	185.80	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	10426028	176.62	UG/L		92
72)	2-Chlorotoluene	20.03	91	11162860	186.17	UG/L		96
73)	4-Chlorotoluene	20.10	91	9772291	169.85	UG/L		94
74)	a-Methylstyrene	20.51	118	6192979	184.93	UG/L		97
75)	tert-Butylbenzene	20.60	119	10427426	183.70	UG/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101800\2M39545.D Vial: 17
Acq On : 18 Oct 2000 22:42 Operator: CMS
Sample : WG85936-09 200PPB STD Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 18 23:49 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	10262924	173.40	UG/L		90
77)	sec-Butylbenzene	20.98	105	12843634	178.41	UG/L		97
78)	p-Isopropyltoluene	21.22	119	10691363	180.33	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	6549967	182.10	UG/L		93
80)	1,4-Dichlorobenzene	21.66	146	6524703	182.59	UG/L		94
81)	n-Butylbenzene	21.98	91	10239911	179.71	UG/L		98
82)	1,2-Dichlorobenzene	22.37	146	5595585	182.70	UG/L		93
83)	1,2-Dibromo-3-Chloropropan	23.82	157	395431	193.97	UG/L	#	77
84)	1,2,4-Trichlorobenzene	25.48	180	2908764	194.55	UG/L	#	95
85)	Hexachlorobutadiene	25.71	225	1140470	179.64	UG/L	#	91
86)	Naphthalene	26.01	128	4633291	201.46	UG/L		98
87)	1,2,3-Trichlorobenzene	26.46	180	2125953	199.89	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Ical Date: 6 Oct 2000 17:09 Ical Filename: 9M12670.D Instrument: HPMS 10
CCV Date: 10/16/2000 CCV Filename: 9M12877.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.1	1024513	14.98	788579	18	456429
CCV	11.1	919625	14.98	759798	18	466550
	Pass	**Pass**	**Pass**	**Pass**	**Pass**	**Pass**

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	0.294	0.205	30.3#	64	0.00
3	P	Chloromethane	0.150	0.129	14.0	86	0.01
4	C	Vinyl Chloride	0.110	0.097	11.8	84	0.01
5	T	Bromomethane	0.108	0.091	15.7	78	0.05
6	T	Chloroethane	0.094	0.100	-6.4	95	0.02
7	T	Trichlorofluoromethane	0.494	0.500	-1.2	90	0.04
8	T	Isoprene	0.328	0.392	-19.5	100	0.03
9	T	Acrolein	0.015	0.010	33.3#	63	0.01
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.278	0.296	-6.5	92	0.03
11	T	Acetone	0.046	0.045	2.2	96	-0.02
12	C	1,1-Dichloroethene	0.235	0.262	-11.5	91	0.03
13	T	Dimethyl Sulfide	0.263	0.296	-12.5	97	0.01
14	T	Iodomethane	0.143	0.116	18.9	77	0.00
15	T	Methylene Chloride	0.276	0.286	-3.6	94	0.00
16	T	Carbon Disulfide	0.810	0.907	-12.0	98	0.02
17	T	Acrylonitrile	0.061	0.068	-11.5	101	0.00
18	T	Methyl Tert Butyl Ether	0.512	0.578	-12.9	100	0.00
19	T	trans-1,2-Dichloroethene	0.259	0.303	-17.0	95	0.01
20	T	n-Hexane	0.367	0.433	-18.0	99	0.01
21	T	Vinyl Acetate	0.240	0.225	6.2	76	0.00
22	P	1,1-Dichloroethane	0.489	0.580	-18.6	101	0.00
23	T	2-Butanone	0.058	0.065	-12.1	100	-0.01
24	T	2,2-Dichloropropane	0.371	0.428	-15.4	96	0.00
25	T	cis-1,2-Dichloroethene	0.291	0.337	-15.8	94	0.00
26	C	Chloroform	0.495	0.561	-13.3	98	0.00
27	T	Bromochloromethane	0.117	0.118	-0.9	89	0.00
28	S	Dibromofluoromethane	0.285	0.141	~~50.5#~~	42#	0.00
29	T	1,1,1-Trichloroethane	0.459	0.539	-17.4	98	0.00
30	T	Cyclohexane	0.433	0.544	-25.6#	104	0.00
31	T	1,1-Dichloropropene	0.291	0.348	-19.6	94	0.00
32	T	Carbon Tetrachloride	0.421	0.486	-15.4	97	0.00
33	S	1,2-Dichloroethane-d4	0.280	0.138	50.7#	44#	0.00
34	T	1,2-Dichloroethane	0.345	0.388	-12.5	100	0.00
35	T	Benzene	1.028	1.185	-15.3	95	0.00
36	T	Trichloroethene	0.280	0.324	-15.7	92	0.00
37	C	1,2-Dichloropropane	0.261	0.310	-18.8	98	0.00
38	T	Bromodichloromethane	0.356	0.404	-13.5	97	0.00
39	T	Dibromomethane	0.134	0.152	-13.4	100	0.00
40	T	2-Chloroethyl Vinyl Ether	0.336	0.078	76.8#	19#	0.00
41	T	4-Methyl-2-Pentanone	0.060	0.058	3.3	88	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.338	0.421	-24.6	95	0.00
43	T	Dimethyl Disulfide	0.231	0.277	-19.9	99	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
45	S	Toluene-d8	1.236	0.633	~~48.8#~~	44#	0.00
46	C	Toluene	1.395	1.571	-12.6	96	0.00
47	T	Ethyl Methacrylate	0.300	0.319	-6.3	98	0.00
48	T	trans-1,3-Dichloropropene	0.442	0.504	-14.0	98	0.00
49	T	1,1,2-Trichloroethane	0.265	0.268	-1.1	96	0.00
50	T	2-Hexanone	0.117	0.124	-6.0	98	0.00
51	T	1,3-Dichloropropane	0.429	0.466	-8.6	97	-0.01
52	T	Tetrachloroethene	0.312	0.340	-9.0	93	-0.01
53	T	Dibromochloromethane	0.340	0.354	-4.1	94	0.00
54	T	1,2-Dibromoethane	0.239	0.255	-6.7	95	0.00
55	T	1-Chlorohexane	0.413	0.519	-25.7#	100	0.00
56	P	Chlorobenzene	1.092	1.079	1.2	99	0.00
57	T	1,1,1,2-Tetrachloroethane	0.371	0.377	-1.6	99	-0.02
58	C	Ethylbenzene	0.538	0.571	-6.1	99	0.00
59	T	m-,p-Xylene	0.640	0.715	-11.7	100	0.00
60	T	o-Xylene	0.599	0.705	-17.7	97	0.00
61	T	Styrene	1.072	1.207	-12.6	98	0.00
62	P	Bromoform	0.236	0.215	8.9	95	-0.01
63	T	Isopropylbenzene	1.552	1.861	-19.9	97	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.01
65	P	1,1,2,2-Tetrachloroethane	0.554	0.468	15.5	100	0.00
66	S	p-Bromofluorobenzene	0.845	0.438	~~48.2#~~	47#	0.00
67	T	1,2,3-Trichloropropane	0.166	0.147	11.4	97	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.121	0.121	0.0	99	-0.01
69	T	n-Propylbenzene	3.080	3.599	-16.9	99	0.00
70	T	Bromobenzene	0.765	0.778	-1.7	95	-0.01
71	T	1,3,5-Trimethylbenzene	2.212	2.584	-16.8	99	0.00
72	T	2-Chlorotoluene	2.054	2.257	-9.9	101	0.00
73	T	4-Chlorotoluene	2.182	2.235	-2.4	98	0.00
74	T	a-Methylstyrene	1.292	1.447	-12.0	101	0.00
75	T	tert-Butylbenzene	2.103	2.020	3.9	86	-0.01
76	T	1,2,4-Trimethylbenzene	2.453	2.633	-7.3	98	-0.01
77	T	sec-Butylbenzene	2.957	3.225	-9.1	97	-0.01
78	T	p-Isopropyltoluene	2.405	2.731	-13.6	97	0.00
79	T	1,3-Dichlorobenzene	1.514	1.533	-1.3	99	-0.01
80	T	1,4-Dichlorobenzene	1.535	1.543	-0.5	99	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D
Acq On : 16 Oct 2000 14:44
Sample : WG85809-02 CCV 50PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: RSS
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.278	2.454	-7.7	96	0.00
82	T	1,2-Dichlorobenzene	1.398	1.339	4.2	97	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.106	0.086	18.9	89	0.00
84	T	1,2,4-Trichlorobenzene	0.960	0.897	6.6	92	0.00
85	T	Hexachlorobutadiene	0.445	0.403	9.4	89	0.00
86	T	Naphthalene	1.387	1.086	21.7	82	0.00
87	T	1,2,3-Trichlorobenzene	0.923	0.698	24.4	89	0.00

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D
Acq On : 16 Oct 2000 14:44
Sample : WG85809-02 CCV 50PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: RSS
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	90	0.00
2	T	Dichlorodifluoromethane	50.000	34.891	30.2#	64	0.00
3	P	Chloromethane	50.000	49.974	0.1	86	0.01
4	C	Vinyl Chloride	50.000	53.224	-6.4	84	0.01
5	T	Bromomethane	50.000	41.863	16.3	78	0.05
6	T	Chloroethane	50.000	53.319	-6.6	95	0.02
7	T	Trichlorofluoromethane	50.000	50.541	-1.1	90	0.04
8	T	Isoprene	50.000	59.823	-19.6	100	0.03
9	T	Acrolein	100.000	66.104	NFC 33.9#	63	0.01
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	53.112	-6.2	92	0.03
11	T	Acetone	50.000	48.193	3.6	96	-0.02
12	C	1,1-Dichloroethene	50.000	55.648	-11.3	91	0.03
13	T	Dimethyl Sulfide	50.000	56.430	-12.9	97	0.01
14	T	Iodomethane	50.000	47.031	5.9	77	0.00
15	T	Methylene Chloride	50.000	51.823	-3.6	94	0.00
16	T	Carbon Disulfide	50.000	55.945	-11.9	98	0.02
17	T	Acrylonitrile	50.000	55.837	-11.7	101	0.00
18	T	Methyl Tert Butyl Ether	50.000	56.526	-13.1	100	0.00
19	T	trans-1,2-Dichloroethene	50.000	58.479	-17.0	95	0.01
20	T	n-Hexane	50.000	59.089	-18.2	99	0.01
21	T	Vinyl Acetate	50.000	46.942	6.1	76	0.00
22	P	1,1-Dichloroethane	50.000	59.344	-18.7	101	0.00
23	T	2-Butanone	50.000	55.137	-10.3	100	-0.01
24	T	2,2-Dichloropropane	50.000	57.615	-15.2	96	0.00
25	T	cis-1,2-Dichloroethene	50.000	57.910	-15.8	94	0.00
26	C	Chloroform	50.000	56.673	-13.3	98	0.00
27	T	Bromochloromethane	50.000	50.367	-0.7	89	0.00
28	S	Dibromofluoromethane	50.000	24.772	~~50.5#~~	42	0.00
29	T	1,1,1-Trichloroethane	50.000	58.709	-17.4	98	0.00
30	T	Cyclohexane	50.000	62.853	NFC -25.7#	104	0.00
31	T	1,1-Dichloropropene	50.000	59.711	-19.4	94	0.00
32	T	Carbon Tetrachloride	50.000	57.739	-15.5	97	0.00
33	S	1,2-Dichloroethane-d4	50.000	24.672	~~50.7#~~	44	0.00
34	T	1,2-Dichloroethane	50.000	56.334	-12.7	100	0.00
35	T	Benzene	50.000	57.627	-15.3	95	0.00
36	T	Trichloroethene	50.000	57.844	-15.7	92	0.00
37	C	1,2-Dichloropropane	50.000	59.357	-18.7	98	0.00
38	T	Bromodichloromethane	50.000	56.711	-13.4	97	0.00
39	T	Dibromomethane	50.000	56.717	-13.4	100	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	11.473	77.1#	19	0.00
41	T	4-Methyl-2-Pentanone	50.000	48.278	3.4	88	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D
Acq On : 16 Oct 2000 14:44
Sample : WG85809-02 CCV 50PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: RSS
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	57.710	-15.4	95	0.00
43	T	Dimethyl Disulfide	50.000	60.071	-20.1	99	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	96	0.00
45	S	Toluene-d8	50.000	25.592	-48.8#	44	0.00
46	C	Toluene	50.000	56.315	-12.6	96	0.00
47	T	Ethyl Methacrylate	50.000	53.163	-6.3	98	0.00
48	T	trans-1,3-Dichloropropene	50.000	57.021	-14.0	98	0.00
49	T	1,1,2-Trichloroethane	50.000	50.482	-1.0	96	0.00
50	T	2-Hexanone	50.000	53.089	-6.2	98	0.00
51	T	1,3-Dichloropropane	50.000	54.314	-8.6	97	-0.01
52	T	Tetrachloroethene	50.000	54.561	-9.1	93	-0.01
53	T	Dibromochloromethane	50.000	52.028	-4.1	94	0.00
54	T	1,2-Dibromoethane	50.000	53.482	-7.0	95	0.00
55	T	1-Chlorohexane	50.000	52.856	-5.7	100	0.00
56	P	Chlorobenzene	50.000	49.443	1.1	99	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	50.748	-1.5	99	-0.02
58	C	Ethylbenzene	50.000	53.031	-6.1	99	0.00
59	T	m-,p-Xylene	100.000	109.564	-9.6	100	0.00
60	T	o-Xylene	50.000	51.116	-2.2	97	0.00
61	T	Styrene	50.000	51.399	-2.8	98	0.00
62	P	Bromoform	50.000	45.568	8.9	95	-0.01
63	T	Isopropylbenzene	50.000	51.412	-2.8	97	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	102	-0.01
65	P	1,1,2,2-Tetrachloroethane	50.000	51.708	-3.4	100	0.00
66	S	p-Bromofluorobenzene	50.000	25.898	-48.2#	47	0.00
67	T	1,2,3-Trichloropropane	50.000	44.382	11.2	97	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	50.050	-0.1	99	-0.01
69	T	n-Propylbenzene	50.000	51.112	-2.2	99	0.00
70	T	Bromobenzene	50.000	50.874	-1.7	95	-0.01
71	T	1,3,5-Trimethylbenzene	50.000	50.615	-1.2	99	0.00
72	T	2-Chlorotoluene	50.000	54.950	-9.9	101	0.00
73	T	4-Chlorotoluene	50.000	51.217	-2.4	98	0.00
74	T	a-Methylstyrene	50.000	55.979	-12.0	101	0.00
75	T	tert-Butylbenzene	50.000	48.029	3.9	86	-0.01
76	T	1,2,4-Trimethylbenzene	50.000	53.671	-7.3	98	-0.01
77	T	sec-Butylbenzene	50.000	54.532	-9.1	97	-0.01
78	T	p-Isopropyltoluene	50.000	49.088	1.8	97	0.00
79	T	1,3-Dichlorobenzene	50.000	50.626	-1.3	99	-0.01
80	T	1,4-Dichlorobenzene	50.000	50.255	-0.5	99	-0.01

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

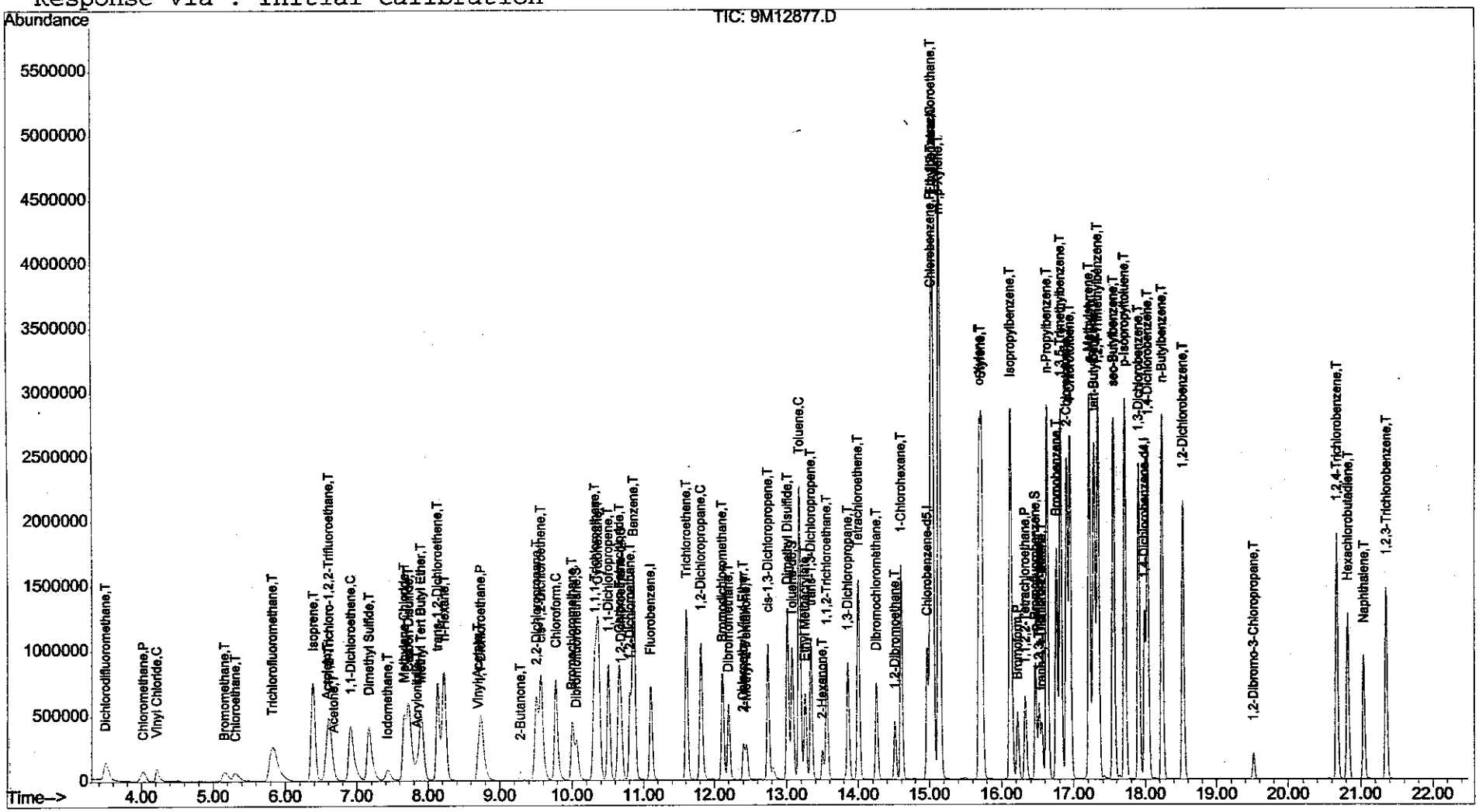
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	53.865	-7.7	96	0.00
82	T	1,2-Dichlorobenzene	50.000	47.870	4.3	97	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	40.529	18.9	89	0.00
84	T	1,2,4-Trichlorobenzene	50.000	46.733	6.5	92	0.00
85	T	Hexachlorobutadiene	50.000	45.282	9.4	89	0.00
86	T	Naphthalene	50.000	39.135	21.7	82	0.00
87	T	1,2,3-Trichlorobenzene	50.000	49.236	1.5	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
9M12877.D 8260WT.M Mon Oct 16 15:07:40 2000 HPMS_9 Page 3

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:06 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	919625	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	759798	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	466550	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	259948	24.77	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.08%			
33) 1,2-Dichloroethane-d4	10.69	65	254200	24.67	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.68%			
45) Toluene-d8	13.08	98	961715	25.59	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 102.36%			
66) p-Bromofluorobenzene	16.47	95	408627	25.90	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 103.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	377566	34.89	ug/L	95
3) Chloromethane	4.02	50	236979	49.97	ug/L	99
4) Vinyl Chloride	4.22	62	177817	53.22	ug/L	99
5) Bromomethane	5.16	94	167463	41.86	ug/L	100
6) Chloroethane	5.31	64	183697	53.32	ug/L	98
7) Trichlorofluoromethane	5.82	101	919169	50.54	ug/L	98
8) Isoprene	6.38	67	720951	59.82	ug/L	98
9) Acrolein	6.58	56	36910	66.10	ug/L	99
10) 1,1,2-Trichloro-1,2,2-Trif	6.60	101	544084	53.11	ug/L	99
11) Acetone	6.68	43	82307	48.19	ug/L	97
12) 1,1-Dichloroethene	6.91	96	482054	55.65	ug/L	99
13) Dimethyl Sulfide	7.16	62	545133	56.43	ug/L	100
14) Iodomethane	7.43	142	214264	47.03	ug/L	98
15) Methylene Chloride	7.67	84	526912	51.82	ug/L	94
16) Carbon Disulfide	7.73	76	1667453	55.95	ug/L	100
17) Acrylonitrile	7.84	53	125733	55.84	ug/L	99
18) Methyl Tert Butyl Ether	7.91	73	1063877	56.53	ug/L	98
19) trans-1,2-Dichloroethene	8.13	96	556848	58.48	ug/L	99
20) n-Hexane	8.22	57	796797	59.09	ug/L	98
21) Vinyl Acetate	8.70	43	414270	46.94	ug/L	98
22) 1,1-Dichloroethane	8.74	63	1066750	59.34	ug/L	99
23) 2-Butanone	9.29	43	118649	55.14	ug/L	98
24) 2,2-Dichloropropane	9.51	77	786712	57.61	ug/L	100
25) cis-1,2-Dichloroethene	9.57	96	619440	57.91	ug/L	97
26) Chloroform	9.78	83	1031441	56.67	ug/L	99
27) Bromochloromethane	10.01	128	217285	50.37	ug/L	93
29) 1,1,1-Trichloroethane	10.32	97	991502	58.71	ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30) Cyclohexane	10.36	56	1000491	62.85 ug/L		95
31) 1,1-Dichloropropene	10.51	75	639432	59.71 ug/L		99
32) Carbon Tetrachloride	10.66	117	893756	57.74 ug/L		99
34) 1,2-Dichloroethane	10.81	62	713946	56.33 ug/L		96
35) Benzene	10.86	78	2178915	57.63 ug/L		99
36) Trichloroethene	11.61	130	595291	57.84 ug/L		99
37) 1,2-Dichloropropane	11.82	63	570417	59.36 ug/L		95
38) Bromodichloromethane	12.12	83	742223	56.71 ug/L		99
39) Dibromomethane	12.20	93	279059	56.72 ug/L		98
40) 2-Chloroethyl Vinyl Ether	12.40	63	143844	11.47 ug/L		98
41) 4-Methyl-2-Pentanone	12.44	58	107438	48.28 ug/L		98
42) cis-1,3-Dichloropropene	12.75	75	774688	57.71 ug/L		100
43) Dimethyl Disulfide	13.02	79	510098	60.07 ug/L		95
46) Toluene	13.18	91	2387161	56.31 ug/L		100
47) Ethyl Methacrylate	13.26	69	485117	53.16 ug/L		100
48) trans-1,3-Dichloropropene	13.34	75	766273	57.02 ug/L		99
49) 1,1,2-Trichloroethane	13.56	97	406912	50.48 ug/L		99
50) 2-Hexanone	13.50	43	188549	53.09 ug/L		98
51) 1,3-Dichloropropane	13.86	76	707566	54.31 ug/L		89
52) Tetrachloroethene	14.00	164	516640	54.56 ug/L		97
53) Dibromochloromethane	14.26	129	537536	52.03 ug/L		100
54) 1,2-Dibromoethane	14.52	107	388085	53.48 ug/L		99
55) 1-Chlorohexane	14.61	91	788876	52.86 ug/L		94
56) Chlorobenzene	15.02	112	1640371	49.44 ug/L		100
57) 1,1,1,2-Tetrachloroethane	15.05	131	572328	50.75 ug/L		100
58) Ethylbenzene	15.05	106	867176	53.03 ug/L		98
59) m-,p-Xylene	15.14	106	2173472	109.56 ug/L		100
60) o-Xylene	15.70	106	1070615	51.12 ug/L		99
61) Styrene	15.73	104	1834749	51.40 ug/L		100
62) Bromoform	16.22	173	327071	45.57 ug/L		99
63) Isopropylbenzene	16.13	105	2827559	51.41 ug/L		100
65) 1,1,2,2-Tetrachloroethane	16.33	83	436892	51.71 ug/L		99
67) 1,2,3-Trichloropropane	16.52	110	137445	44.38 ug/L		89
68) trans-1,4-Dichloro-2-Buten	16.56	53	113100	50.05 ug/L	#	74
69) n-Propylbenzene	16.64	91	3358476	51.11 ug/L		100
70) Bromobenzene	16.76	156	726241	50.87 ug/L		97
71) 1,3,5-Trimethylbenzene	16.82	105	2411344	50.61 ug/L		100
72) 2-Chlorotoluene	16.91	91	2105886	54.95 ug/L		99
73) 4-Chlorotoluene	16.96	91	2085172	51.22 ug/L		98
74) a-Methylstyrene	17.22	118	1350047	55.98 ug/L		100
75) tert-Butylbenzene	17.29	119	1884595	48.03 ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12877.D Vial: 2
Acq On : 16 Oct 2000 14:44 Operator: RSS
Sample : WG85809-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.34	105	2456944	53.67 ug/L	99
77)	sec-Butylbenzene	17.56	105	3008787	54.53 ug/L	99
78)	p-Isopropyltoluene	17.71	119	2548222	49.09 ug/L	100
79)	1,3-Dichlorobenzene	17.91	146	1430152	50.63 ug/L	99
80)	1,4-Dichlorobenzene	18.04	146	1440007	50.26 ug/L	99
81)	n-Butylbenzene	18.24	91	2289656	53.86 ug/L	100
82)	1,2-Dichlorobenzene	18.54	146	1248966	47.87 ug/L	99
83)	1,2-Dibromo-3-Chloropropan	19.52	157	79952	40.53 ug/L	100
84)	1,2,4-Trichlorobenzene	20.68	180	837408	46.73 ug/L	100
85)	Hexachlorobutadiene	20.83	225	376325	45.28 ug/L	98
86)	Naphthalene	21.04	128	1013012	39.13 ug/L	100
87)	1,2,3-Trichlorobenzene	21.35	180	651087	49.24 ug/L	100

(#) = qualifier out of range (m) = manual integration

Ical Date: 6 Oct 2000 17:09 Ical Filename: 9M12670.D Instrument: HPMS_9
CCV Date: 10/17/00 CCV Filename: 9M12902.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.1	1024513	14.98	788579	18.00	456429
CCV	11.11	1093835	14.98	806070	18.00	448936
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D
Acq On : 17 Oct 2000 9:02
Sample : WG85865-02 CCV 50PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: RTEINT.P

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	107	0.00
2	T	Dichlorodifluoromethane	0.294	0.316	-7.5	117	0.00
3	P	Chloromethane	0.150	0.131	12.7	104	0.00
4	C	Vinyl Chloride	0.110	0.099	10.0	103	0.01
5	T	Bromomethane	0.108	0.068	37.0#	70	0.04
6	T	Chloroethane	0.094	0.093	1.1	104	0.02
7	T	Trichlorofluoromethane	0.494	0.505	-2.2	108	0.04
8	T	Isoprene	0.328	0.353	-7.6	107	0.03
9	T	Acrolein	0.015	0.010	33.3#	73	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.278	0.289	-4.0	107	0.03
11	T	Acetone	0.046	0.039	15.2	100	-0.02
12	C	1,1-Dichloroethene	0.235	0.236	-0.4	97	0.02
13	T	Dimethyl Sulfide	0.263	0.270	-2.7	105	0.01
14	T	Iodomethane	0.143	0.069	51.7#	55	0.00
15	T	Methylene Chloride	0.276	0.257	6.9	101	0.00
16	T	Carbon Disulfide	0.810	0.827	-2.1	106	0.02
17	T	Acrylonitrile	0.061	0.057	6.6	101	0.00
18	T	Methyl Tert Butyl Ether	0.512	0.519	-1.4	107	0.00
19	T	trans-1,2-Dichloroethene	0.259	0.269	-3.9	100	0.01
20	T	n-Hexane	0.367	0.366	0.3	99	0.01
21	T	Vinyl Acetate	0.240	0.200	16.7	81	0.00
22	P	1,1-Dichloroethane	0.489	0.491	-0.4	102	0.00
23	T	2-Butanone	0.058	0.057	1.7	104	0.00
24	T	2,2-Dichloropropane	0.371	0.406	-9.4	108	0.00
25	T	cis-1,2-Dichloroethene	0.291	0.300	-3.1	100	0.00
26	C	Chloroform	0.495	0.495	0.0	103	0.00
27	T	Bromochloromethane	0.117	0.106	9.4	95	0.00
28	S	Dibromofluoromethane	0.285	0.135	~~52.6#~~	48#	0.00
29	T	1,1,1-Trichloroethane	0.459	0.474	-3.3	102	0.00
30	T	Cyclohexane	0.433	0.467	-7.9	107	0.00
31	T	1,1-Dichloropropene	0.291	0.309	-6.2	100	0.00
32	T	Carbon Tetrachloride	0.421	0.435	-3.3	104	0.00
33	S	1,2-Dichloroethane-d4	0.280	0.129	~~53.9#~~	48#	0.00
34	T	1,2-Dichloroethane	0.345	0.337	2.3	103	0.00
35	T	Benzene	1.028	1.054	-2.5	100	0.00
36	T	Trichloroethene	0.280	0.294	-5.0	100	0.00
37	C	1,2-Dichloropropane	0.261	0.274	-5.0	103	0.00
38	T	Bromodichloromethane	0.356	0.359	-0.8	102	0.00
39	T	Dibromomethane	0.134	0.126	6.0	99	0.00
40	T	2-Chloroethyl Vinyl Ether	0.336	0.080	76.2#	24#	0.00
41	T	4-Methyl-2-Pentanone	0.060	0.053	11.7	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.338	0.376	-11.2	101	0.00
43	T	Dimethyl Disulfide	0.231	0.246	-6.5	105	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
45	S	Toluene-d8	1.236	0.659	~~46.7~~#	48#	0.00
46	C	Toluene	1.395	1.529	-9.6	99	0.00
47	T	Ethyl Methacrylate	0.300	0.315	-5.0	103	0.00
48	T	trans-1,3-Dichloropropene	0.442	0.490	-10.9	101	0.00
49	T	1,1,2-Trichloroethane	0.265	0.262	1.1	100	0.00
50	T	2-Hexanone	0.117	0.118	-0.9	99	0.00
51	T	1,3-Dichloropropane	0.429	0.450	-4.9	99	0.00
52	T	Tetrachloroethene	0.312	0.342	-9.6	99	0.00
53	T	Dibromochloromethane	0.340	0.353	-3.8	100	0.00
54	T	1,2-Dibromoethane	0.239	0.263	-10.0	104	0.00
55	T	1-Chlorohexane	0.413	0.510	-23.5	104	0.00
56	P	Chlorobenzene	1.092	1.040	4.8	101	0.00
57	T	1,1,1,2-Tetrachloroethane	0.371	0.366	1.3	102	0.00
58	C	Ethylbenzene	0.538	0.540	-0.4	100	0.00
59	T	m-,p-Xylene	0.640	0.674	-5.3	100	0.00
60	T	o-Xylene	0.599	0.670	-11.9	98	0.00
61	T	Styrene	1.072	1.149	-7.2	98	0.00
62	P	Bromoform	0.236	0.209	11.4	98	0.00
63	T	Isopropylbenzene	1.552	1.742	-12.2	96	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
65	P	1,1,2,2-Tetrachloroethane	0.554	0.480	13.4	98	0.00
66	S	p-Bromofluorobenzene	0.845	0.459	~~45.7~~#	47#	0.00
67	T	1,2,3-Trichloropropane	0.166	0.151	9.0	96	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.121	0.128	-5.8	101	0.00
69	T	n-Propylbenzene	3.080	3.663	-18.9	97	0.00
70	T	Bromobenzene	0.765	0.817	-6.8	96	0.00
71	T	1,3,5-Trimethylbenzene	2.212	2.625	-18.7	97	0.00
72	T	2-Chlorotoluene	2.054	2.262	-10.1	97	0.00
73	T	4-Chlorotoluene	2.182	2.366	-8.4	100	0.00
74	T	a-Methylstyrene	1.292	1.494	-15.6	101	0.00
75	T	tert-Butylbenzene	2.103	2.052	2.4	84	0.00
76	T	1,2,4-Trimethylbenzene	2.453	2.655	-8.2	95	0.00
77	T	sec-Butylbenzene	2.957	3.170	-7.2	92	0.00
78	T	p-Isopropyltoluene	2.405	2.689	-11.8	92	0.00
79	T	1,3-Dichlorobenzene	1.514	1.554	-2.6	97	0.00
80	T	1,4-Dichlorobenzene	1.535	1.571	-2.3	97	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.278	2.362	-3.7	89	0.00
82	T	1,2-Dichlorobenzene	1.398	1.357	2.9	95	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.106	0.089	16.0	90	0.00
84	T	1,2,4-Trichlorobenzene	0.960	0.915	4.7	90	0.00
85	T	Hexachlorobutadiene	0.445	0.384	13.7	82	0.00
86	T	Naphthalene	1.387	1.197	13.7	87	0.00
87	T	1,2,3-Trichlorobenzene	0.923	0.700	24.2	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
9M12902.D 8260WT.M Tue Oct 17 09:27:08 2000 HPMS_9 Page 3

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	107	0.00
2	T	Dichlorodifluoromethane	50.000	53.690	-7.4	117	0.00
3	P	Chloromethane	50.000	50.773	-1.5	104	0.00
4	C	Vinyl Chloride	50.000	54.807	-9.6	103	0.01
5	T	Bromomethane	50.000	31.400	37.2#	70	0.04
6	T	Chloroethane	50.000	49.454	1.1	104	0.02
7	T	Trichlorofluoromethane	50.000	51.077	-2.2	108	0.04
8	T	Isoprene	50.000	53.869	-7.7	107	0.03
9	T	Acrolein	100.000	64.484	35.5#	73	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	51.968	-3.9	107	0.03
11	T	Acetone	50.000	42.293	15.4	100	-0.02
12	C	1,1-Dichloroethene	50.000	50.153	-0.3	97	0.02
13	T	Dimethyl Sulfide	50.000	51.418	-2.8	105	0.01
14	T	Iodomethane	50.000	30.282	39.4#	55	0.00
15	T	Methylene Chloride	50.000	46.522	7.0	101	0.00
16	T	Carbon Disulfide	50.000	51.019	-2.0	106	0.02
17	T	Acrylonitrile	50.000	46.820	6.4	101	0.00
18	T	Methyl Tert Butyl Ether	50.000	50.677	-1.4	107	0.00
19	T	trans-1,2-Dichloroethene	50.000	51.982	-4.0	100	0.01
20	T	n-Hexane	50.000	49.909	0.2	99	0.01
21	T	Vinyl Acetate	50.000	41.702	16.6	81	0.00
22	P	1,1-Dichloroethane	50.000	50.193	-0.4	102	0.00
23	T	2-Butanone	50.000	48.363	3.3	104	0.00
24	T	2,2-Dichloropropane	50.000	54.701	-9.4	108	0.00
25	T	cis-1,2-Dichloroethene	50.000	51.628	-3.3	100	0.00
26	C	Chloroform	50.000	50.063	-0.1	103	0.00
27	T	Bromochloromethane	50.000	45.300	9.4	95	0.00
28	S	Dibromofluoromethane	50.000	23.640	52.7#	48	0.00
29	T	1,1,1-Trichloroethane	50.000	51.605	-3.2	102	0.00
30	T	Cyclohexane	50.000	53.939	-7.9	107	0.00
31	T	1,1-Dichloropropene	50.000	53.121	-6.2	100	0.00
32	T	Carbon Tetrachloride	50.000	51.744	-3.5	104	0.00
33	S	1,2-Dichloroethane-d4	50.000	22.982	54.0#	48	0.00
34	T	1,2-Dichloroethane	50.000	48.894	2.2	103	0.00
35	T	Benzene	50.000	51.261	-2.5	100	0.00
36	T	Trichloroethene	50.000	52.576	-5.2	100	0.00
37	C	1,2-Dichloropropane	50.000	52.409	-4.8	103	0.00
38	T	Bromodichloromethane	50.000	50.394	-0.8	102	0.00
39	T	Dibromomethane	50.000	47.113	5.8	99	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	11.805	76.4#	24	0.00
41	T	4-Methyl-2-Pentanone	50.000	43.781	12.4	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	51.483	-3.0	101	0.00
43	T	Dimethyl Disulfide	50.000	53.297	-6.6	105	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	102	0.00
45	S	Toluene-d8	50.000	26.642	~~46.7#~~	48	0.00
46	C	Toluene	50.000	54.797	-9.6	99	0.00
47	T	Ethyl Methacrylate	50.000	52.522	-5.0	103	0.00
48	T	trans-1,3-Dichloropropene	50.000	55.416	-10.8	101	0.00
49	T	1,1,2-Trichloroethane	50.000	49.378	1.2	100	0.00
50	T	2-Hexanone	50.000	50.583	-1.2	99	0.00
51	T	1,3-Dichloropropane	50.000	52.498	-5.0	99	0.00
52	T	Tetrachloroethene	50.000	54.865	-9.7	99	0.00
53	T	Dibromochloromethane	50.000	51.879	-3.8	100	0.00
54	T	1,2-Dibromoethane	50.000	55.175	-10.3	104	0.00
55	T	1-Chlorohexane	50.000	51.883	-3.8	104	0.00
56	P	Chlorobenzene	50.000	47.642	4.7	101	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	49.255	1.5	102	0.00
58	C	Ethylbenzene	50.000	50.205	-0.4	100	0.00
59	T	m-,p-Xylene	100.000	102.182	-2.2	100	0.00
60	T	o-Xylene	50.000	48.348	3.3	98	0.00
61	T	Styrene	50.000	48.621	2.8	98	0.00
62	P	Bromoform	50.000	44.268	11.5	98	0.00
63	T	Isopropylbenzene	50.000	47.774	4.5	96	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	98	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	52.983	-6.0	98	0.00
66	S	p-Bromofluorobenzene	50.000	27.124	~~45.8#~~	47	0.00
67	T	1,2,3-Trichloropropane	50.000	45.351	9.3	96	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	52.859	-5.7	101	0.00
69	T	n-Propylbenzene	50.000	52.141	-4.3	97	0.00
70	T	Bromobenzene	50.000	53.384	-6.8	96	0.00
71	T	1,3,5-Trimethylbenzene	50.000	51.500	-3.0	97	0.00
72	T	2-Chlorotoluene	50.000	55.073	-10.1	97	0.00
73	T	4-Chlorotoluene	50.000	54.226	-8.5	100	0.00
74	T	a-Methylstyrene	50.000	57.803	-15.6	101	0.00
75	T	tert-Butylbenzene	50.000	48.804	2.4	84	0.00
76	T	1,2,4-Trimethylbenzene	50.000	54.118	-8.2	95	0.00
77	T	sec-Butylbenzene	50.000	53.604	-7.2	92	0.00
78	T	p-Isopropyltoluene	50.000	48.245	3.5	92	0.00
79	T	1,3-Dichlorobenzene	50.000	51.328	-2.7	97	0.00
80	T	1,4-Dichlorobenzene	50.000	51.170	-2.3	97	0.00

(#) = Out of Range

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Evaluate Continuing Calibration Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Multiple Level Calibration

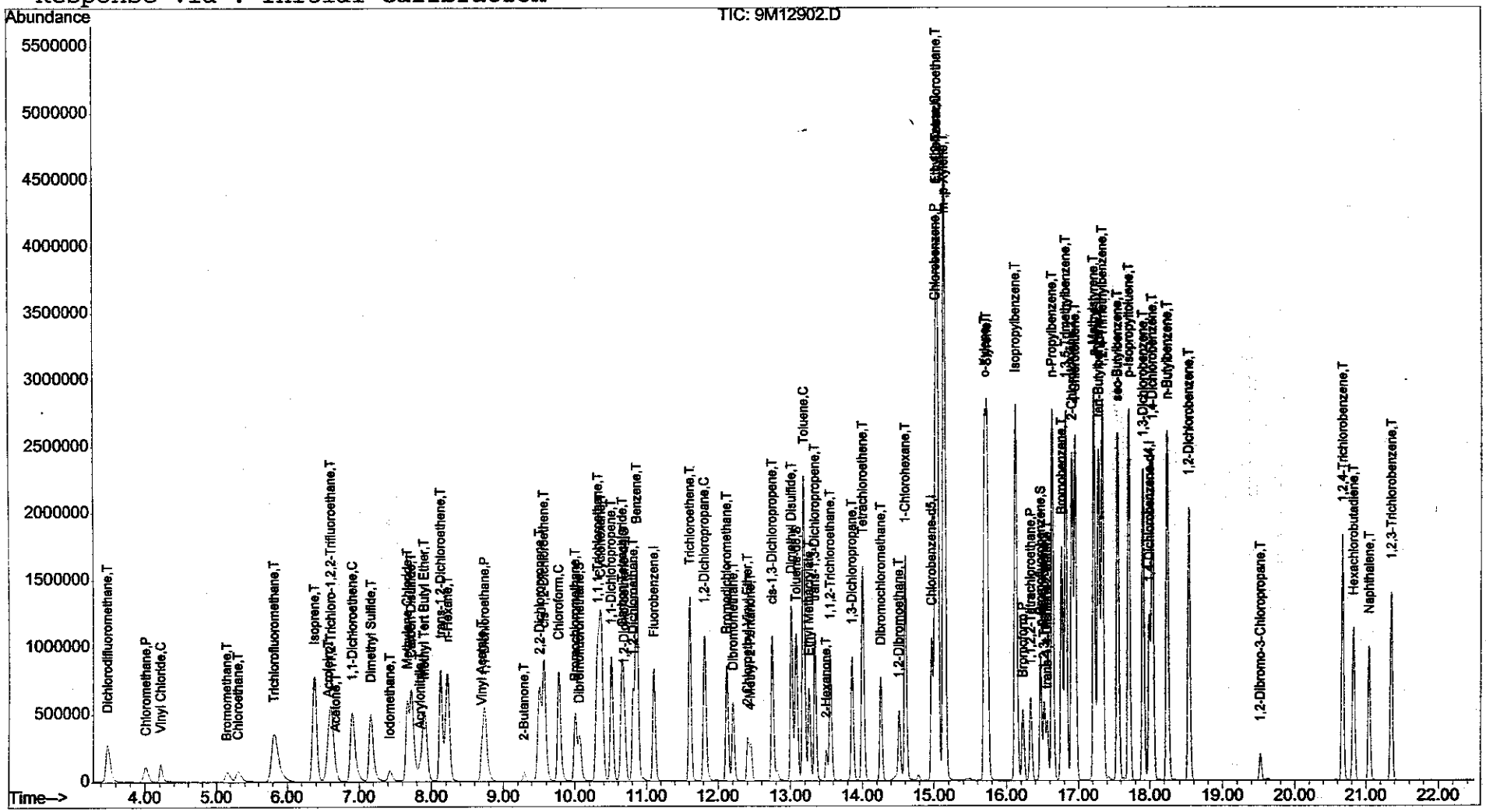
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	51.843	-3.7	89	0.00
82	T	1,2-Dichlorobenzene	50.000	48.517	3.0	95	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	42.278	15.4	90	0.00
84	T	1,2,4-Trichlorobenzene	50.000	47.657	4.7	90	0.00
85	T	Hexachlorobutadiene	50.000	43.093	13.8	82	0.00
86	T	Naphthalene	50.000	43.165	13.7	87	0.00
87	T	1,2,3-Trichlorobenzene	50.000	49.368	1.3	86	0.00

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:25 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:25 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	1093835	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	806070	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	448936	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	295054	23.64	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 94.56%			
33) 1,2-Dichloroethane-d4	10.70	65	281648	22.98	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 91.92%			
45) Toluene-d8	13.09	98	1062153	26.64	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.56%			
66) p-Bromofluorobenzene	16.48	95	411815	27.12	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.48%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	691046	53.69	ug/L	95
3) Chloromethane	4.01	50	286611	50.77	ug/L	98
4) Vinyl Chloride	4.22	62	217336	54.81	ug/L	99
5) Bromomethane	5.15	94	149401	31.40	ug/L	99
6) Chloroethane	5.31	64	202660	49.45	ug/L	98
7) Trichlorofluoromethane	5.82	101	1104878	51.08	ug/L	98
8) Isoprene	6.38	67	772182	53.87	ug/L	95
9) Acrolein	6.57	56	42826	64.48	ug/L	99
10) 1,1,2-Trichloro-1,2,2-Trif	6.60	101	633208	51.97	ug/L	97
11) Acetone	6.68	43	85913	42.29	ug/L	98
12) 1,1-Dichloroethene	6.91	96	516754	50.15	ug/L	96
13) Dimethyl Sulfide	7.16	62	590805	51.42	ug/L	95
14) Iodomethane	7.42	142	151481	30.28	ug/L	97
15) Methylene Chloride	7.67	84	562626	46.52	ug/L	89
16) Carbon Disulfide	7.73	76	1808667	51.02	ug/L	100
17) Acrylonitrile	7.84	53	125402	46.82	ug/L	98
18) Methyl Tert Butyl Ether	7.91	73	1134463	50.68	ug/L	98
19) trans-1,2-Dichloroethene	8.13	96	588754	51.98	ug/L	95
20) n-Hexane	8.23	57	800500	49.91	ug/L	97
21) Vinyl Acetate	8.70	43	437746	41.70	ug/L #	95
22) 1,1-Dichloroethane	8.74	63	1073174	50.19	ug/L	99
23) 2-Butanone	9.29	43	123787	48.36	ug/L	96
24) 2,2-Dichloropropane	9.51	77	888423	54.70	ug/L	100
25) cis-1,2-Dichloroethene	9.58	96	656862	51.63	ug/L	94
26) Chloroform	9.78	83	1083747	50.06	ug/L	99
27) Bromochloromethane	10.01	128	232446	45.30	ug/L	88
29) 1,1,1-Trichloroethane	10.32	97	1036627	51.61	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:25 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.37	56	1021244	53.94	ug/L		93
31)	1,1-Dichloropropene	10.51	75	676619	53.12	ug/L		99
32)	Carbon Tetrachloride	10.66	117	952692	51.74	ug/L		99
34)	1,2-Dichloroethane	10.81	62	737043	48.89	ug/L		95
35)	Benzene	10.87	78	2305402	51.26	ug/L		100
36)	Trichloroethene	11.62	130	643576	52.58	ug/L		98
37)	1,2-Dichloropropane	11.82	63	599055	52.41	ug/L		96
38)	Bromodichloromethane	12.12	83	784488	50.39	ug/L		100
39)	Dibromomethane	12.21	93	275721	47.11	ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.40	63	176001	11.81	ug/L		96
41)	4-Methyl-2-Pentanone	12.45	58	115888	43.78	ug/L		96
42)	cis-1,3-Dichloropropene	12.75	75	822031	51.48	ug/L		99
43)	Dimethyl Disulfide	13.02	79	538307	53.30	ug/L		93
46)	Toluene	13.19	91	2464289	54.80	ug/L		100
47)	Ethyl Methacrylate	13.26	69	508456	52.52	ug/L		99
48)	trans-1,3-Dichloropropene	13.34	75	790064	55.42	ug/L		99
49)	1,1,2-Trichloroethane	13.56	97	422247	49.38	ug/L		98
50)	2-Hexanone	13.50	43	190592	50.58	ug/L		96
51)	1,3-Dichloropropane	13.87	76	725552	52.50	ug/L		87
52)	Tetrachloroethene	14.01	164	551162	54.87	ug/L		99
53)	Dibromochloromethane	14.26	129	568635	51.88	ug/L		100
54)	1,2-Dibromoethane	14.52	107	424757	55.18	ug/L		99
55)	1-Chlorohexane	14.61	91	822556	51.88	ug/L		93
56)	Chlorobenzene	15.02	112	1676871	47.64	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.06	131	589320	49.25	ug/L		100
58)	Ethylbenzene	15.05	106	870963	50.21	ug/L		98
59)	m-,p-Xylene	15.15	106	2172418	102.18	ug/L		99
60)	o-Xylene	15.71	106	1080171	48.35	ug/L		98
61)	Styrene	15.74	104	1851708	48.62	ug/L		99
62)	Bromoform	16.23	173	337088	44.27	ug/L		99
63)	Isopropylbenzene	16.13	105	2808580	47.77	ug/L		99
65)	1,1,2,2-Tetrachloroethane	16.34	83	430759	52.98	ug/L		99
67)	1,2,3-Trichloropropane	16.53	110	135144	45.35	ug/L		87
68)	trans-1,4-Dichloro-2-Buten	16.57	53	114940	52.86	ug/L	#	73
69)	n-Propylbenzene	16.64	91	3288686	52.14	ug/L		99
70)	Bromobenzene	16.77	156	733292	53.38	ug/L		93
71)	1,3,5-Trimethylbenzene	16.83	105	2356509	51.50	ug/L		99
72)	2-Chlorotoluene	16.91	91	2030909	55.07	ug/L		98
73)	4-Chlorotoluene	16.96	91	2124323	54.23	ug/L		98
74)	a-Methylstyrene	17.22	118	1341412	57.80	ug/L		100
75)	tert-Butylbenzene	17.29	119	1842683	48.80	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12902.D Vial: 2
Acq On : 17 Oct 2000 9:02 Operator: MES
Sample : WG85865-02 CCV 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 9:25 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
76) 1,2,4-Trimethylbenzene	17.35	105	2383906	54.12 ug/L	99
77) sec-Butylbenzene	17.56	105	2845941	53.60 ug/L	99
78) p-Isopropyltoluene	17.72	119	2414403	48.25 ug/L	99
79) 1,3-Dichlorobenzene	17.92	146	1395222	51.33 ug/L	99
80) 1,4-Dichlorobenzene	18.05	146	1410857	51.17 ug/L	99
81) n-Butylbenzene	18.24	91	2120528	51.84 ug/L	99
82) 1,2-Dichlorobenzene	18.54	146	1218048	48.52 ug/L	100
83) 1,2-Dibromo-3-Chloropropan	19.52	157	80253	42.28 ug/L	99
84) 1,2,4-Trichlorobenzene	20.68	180	821724	47.66 ug/L	100
85) Hexachlorobutadiene	20.83	225	344608	43.09 ug/L	98
86) Naphthalene	21.04	128	1075167	43.17 ug/L	99
87) 1,2,3-Trichlorobenzene	21.35	180	628187	49.37 ug/L	100

(#) = qualifier out of range (m) = manual integration

Ical Date:	10/18/00	Ical Filename:	2M39536.D	Instrument:	HPMS 2
CCV Date:	10/19/00	CCV Filename:	2M39550.D		

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.77	1545117	17.22	1161894	21.61	556394
CCV	11.75	1481481	17.21	1121343	21.59	570480
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D Vial: 3
Acq On : 19 Oct 2000 8:28 Operator: CMS
Sample : WG86008-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	0.284	0.271	4.6	91	0.00
3	P	Chloromethane	0.237	0.219	7.6	93	0.00
4	C	Vinyl Chloride	0.245	0.213	13.1	89	0.00
5	T	Bromomethane	0.185	0.172	7.0	97	0.02
6	T	Chloroethane	0.130	0.124	4.6	96	0.01
7	T	Trichlorofluoromethane	0.334	0.283	15.3	80	0.02
8	T	Isoprene	0.361	0.354	1.9	96	0.01
9	T	Acrolein	0.005	0.006	-20.0	135	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.243	0.235	3.3	94	0.00
11	T	Acetone	0.034	0.038	-11.8	133	-0.02
12	C	1,1-Dichloroethene	0.231	0.210	9.1	93	0.01
13	T	Dimethyl Sulfide	0.268	0.258	3.7	99	0.00
14	T	Iodomethane	0.310	0.309	0.3	92	0.00
15	T	Methylene Chloride	0.285	0.263	7.7	96	0.00
16	T	Carbon Disulfide	1.010	0.963	4.7	94	0.00
17	T	Acrylonitrile	0.045	0.047	-4.4	109	0.00
18	T	Methyl Tert Butyl Ether	0.462	0.471	-1.9	107	-0.02
19	T	trans-1,2-Dichloroethene	0.270	0.250	7.4	94	0.00
20	T	n-Hexane	0.335	0.313	6.6	91	0.00
21	T	Vinyl Acetate	0.290	0.293	-1.0	109	0.00
22	P	1,1-Dichloroethane	0.558	0.524	6.1	94	0.00
23	T	2-Butanone	0.054	0.058	-7.4	126	-0.02
24	T	2,2-Dichloropropane	0.416	0.421	-1.2	95	0.00
25	T	cis-1,2-Dichloroethene	0.309	0.286	7.4	95	0.00
26	C	Chloroform	0.518	0.488	5.8	94	0.00
27	T	Bromochloromethane	0.130	0.125	3.8	99	0.00
28	S	Dibromofluoromethane	0.311	0.137	~~55.9#~~	45#	0.00
29	T	1,1,1-Trichloroethane	0.377	0.365	3.2	94	0.00
30	T	Cyclohexane	0.477	0.457	4.2	94	0.00
31	T	1,1-Dichloropropene	0.364	0.339	6.9	94	0.00
32	T	Carbon Tetrachloride	0.329	0.315	4.3	96	0.00
33	S	1,2-Dichloroethane-d4	0.283	0.123	~~56.5#~~	46#	0.00
34	T	1,2-Dichloroethane	0.324	0.309	4.6	100	0.00
35	T	Benzene	1.268	1.166	8.0	94	0.00
36	T	Trichloroethene	0.306	0.289	5.6	95	0.00
37	C	1,2-Dichloropropane	0.325	0.306	5.8	96	-0.02
38	T	Bromodichloromethane	0.366	0.357	2.5	98	0.00
39	T	Dibromomethane	0.142	0.136	4.2	101	0.00
40	T	2-Chloroethyl Vinyl Ether	0.000	0.000	0.0	0#	-0.02
41	T	4-Methyl-2-Pentanone	0.049	0.053	-8.2	117	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D Vial: 3
Acq On : 19 Oct 2000 8:28 Operator: CMS
Sample : WG86008-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.444	0.430	3.2	99	0.00
43	T	Dimethyl Disulfide	0.247	0.262	-6.1	99	-0.02
44	I	Chlorobenzene-d5	1.000	1.000	0.0	97	0.00
45	S	Toluene-d8	1.397	0.632	~~54.8#~~	46#	-0.02
46	C	Toluene	1.616	1.515	6.3	95	0.00
47	T	Ethyl Methacrylate	0.334	0.343	-2.7	111	-0.02
48	T	trans-1,3-Dichloropropene	0.500	0.491	1.8	102	-0.02
49	T	1,1,2-Trichloroethane	0.234	0.224	4.3	102	-0.02
50	T	2-Hexanone	0.118	0.122	-3.4	122	-0.02
51	T	1,3-Dichloropropane	0.494	0.476	3.6	103	0.00
52	T	Tetrachloroethene	0.300	0.280	6.7	93	0.00
53	T	Dibromochloromethane	0.308	0.308	0.0	103	0.00
54	T	1,2-Dibromoethane	0.243	0.243	0.0	104	0.00
55	T	1-Chlorohexane	0.572	0.560	2.1	96	-0.02
56	P	Chlorobenzene	1.033	0.982	4.9	97	0.00
57	T	1,1,1,2-Tetrachloroethane	0.348	0.337	3.2	99	-0.02
58	C	Ethylbenzene	0.529	0.501	5.3	96	-0.02
59	T	m-,p-Xylene	0.655	0.610	6.9	94	0.00
60	T	o-Xylene	0.642	0.607	5.5	95	0.00
61	T	Styrene	1.093	1.040	4.8	96	0.00
62	P	Bromoform	0.158	0.160	-1.3	106	0.00
63	T	Isopropylbenzene	1.659	1.565	5.7	94	-0.02
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	-0.02
65	P	1,1,2,2-Tetrachloroethane	0.570	0.555	2.6	108	0.00
66	S	p-Bromofluorobenzene	1.113	0.509	~~54.3#~~	49#	0.00
67	T	1,2,3-Trichloropropane	0.128	0.125	2.3	108	-0.02
68	T	trans-1,4-Dichloro-2-Butene	0.148	0.161	-8.8	111	-0.02
69	T	n-Propylbenzene	4.305	4.008	6.9	95	-0.02
70	T	Bromobenzene	0.824	0.767	6.9	98	0.00
71	T	1,3,5-Trimethylbenzene	2.650	2.410	9.1	94	-0.02
72	T	2-Chlorotoluene	2.692	2.468	8.3	101	-0.02
73	T	4-Chlorotoluene	2.583	2.353	8.9	92	0.00
74	T	a-Methylstyrene	1.503	1.419	5.6	96	-0.02
75	T	tert-Butylbenzene	2.548	2.235	12.3	89	-0.02
76	T	1,2,4-Trimethylbenzene	2.657	2.371	10.8	94	0.00
77	T	sec-Butylbenzene	3.232	2.943	8.9	94	0.00
78	T	p-Isopropyltoluene	2.661	2.438	8.4	95	0.00
79	T	1,3-Dichlorobenzene	1.615	1.490	7.7	97	-0.02
80	T	1,4-Dichlorobenzene	1.604	1.502	6.4	100	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D
Acq On : 19 Oct 2000 8:28
Sample : WG86008-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 3
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.558	2.333	8.8	94	0.00
82	T	1,2-Dichlorobenzene	1.375	1.281	6.8	101	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.092	0.084	8.7	116	-0.02
84	T	1,2,4-Trichlorobenzene	0.671	0.608	9.4	103	-0.02
85	T	Hexachlorobutadiene	0.285	0.247	13.3	94	0.00
86	T	Naphthalene	1.053	0.952	9.6	114	0.00
87	T	1,2,3-Trichlorobenzene	0.477	0.439	8.0	112	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D
Acq On : 19 Oct 2000 8:28
Sample : WG86008-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 3
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	96	0.00
2	T	Dichlorodifluoromethane	50.000	47.686	4.6	91	0.00
3	P	Chloromethane	50.000	46.238	7.5	93	0.00
4	C	Vinyl Chloride	50.000	43.522	13.0	89	0.00
5	T	Bromomethane	50.000	51.590	-3.2	97	0.02
6	T	Chloroethane	50.000	47.521	5.0	96	0.01
7	T	Trichlorofluoromethane	50.000	42.355	15.3	80	0.02
8	T	Isoprene	50.000	49.054	1.9	96	0.01
9	T	Acrolein	100.000	123.006	-23.0	135	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	48.412	3.2	94	0.00
11	T	Acetone	50.000	55.154	-10.3	133	-0.02
12	C	1,1-Dichloroethene	50.000	45.475	9.0	93	0.01
13	T	Dimethyl Sulfide	50.000	48.142	3.7	99	0.00
14	T	Iodomethane	50.000	49.830	0.3	92	0.00
15	T	Methylene Chloride	50.000	46.261	7.5	96	0.00
16	T	Carbon Disulfide	50.000	47.650	4.7	94	0.00
17	T	Acrylonitrile	50.000	52.353	-4.7	109	0.00
18	T	Methyl Tert Butyl Ether	50.000	50.969	-1.9	107	-0.02
19	T	trans-1,2-Dichloroethene	50.000	46.260	7.5	94	0.00
20	T	n-Hexane	50.000	46.782	6.4	91	0.00
21	T	Vinyl Acetate	50.000	50.574	-1.1	109	0.00
22	P	1,1-Dichloroethane	50.000	46.944	6.1	94	0.00
23	T	2-Butanone	50.000	53.558	-7.1	126	-0.02
24	T	2,2-Dichloropropane	50.000	50.558	-1.1	95	0.00
25	T	cis-1,2-Dichloroethene	50.000	46.219	7.6	95	0.00
26	C	Chloroform	50.000	47.073	5.9	94	0.00
27	T	Bromochloromethane	50.000	48.338	3.3	99	0.00
28	S	Dibromofluoromethane	50.000	22.012	~~56.0#~~	45	0.00
29	T	1,1,1-Trichloroethane	50.000	48.390	3.2	94	0.00
30	T	Cyclohexane	50.000	47.880	4.2	94	0.00
31	T	1,1-Dichloropropene	50.000	46.549	6.9	94	0.00
32	T	Carbon Tetrachloride	50.000	47.900	4.2	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	21.643	56.7#	46	0.00
34	T	1,2-Dichloroethane	50.000	47.783	4.4	100	0.00
35	T	Benzene	50.000	45.959	8.1	94	0.00
36	T	Trichloroethene	50.000	47.246	5.5	95	0.00
37	C	1,2-Dichloropropane	50.000	47.082	5.8	96	-0.02
38	T	Bromodichloromethane	50.000	48.781	2.4	98	0.00
39	T	Dibromomethane	50.000	47.896	4.2	101	0.00
40	T	2-Chloroethyl Vinyl Ether	-1.000	0.000	0.0	0	-0.02
41	T	4-Methyl-2-Pentanone	50.000	53.425	-6.8	117	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D
Acq On : 19 Oct 2000 8:28
Sample : WG86008-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 3
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	48.432	3.1	99	0.00
43	T	Dimethyl Disulfide	50.000	53.016	-6.0	99	-0.02
44	I	Chlorobenzene-d5	25.000	25.000	0.0	97	0.00
45	S	Toluene-d8	50.000	22.625	~~-54.8#~~	46	-0.02
46	C	Toluene	50.000	46.885	6.2	95	0.00
47	T	Ethyl Methacrylate	50.000	51.314	-2.6	111	-0.02
48	T	trans-1,3-Dichloropropene	50.000	49.164	1.7	102	-0.02
49	T	1,1,2-Trichloroethane	50.000	47.915	4.2	102	-0.02
50	T	2-Hexanone	50.000	51.793	-3.6	122	-0.02
51	T	1,3-Dichloropropane	50.000	48.170	3.7	103	0.00
52	T	Tetrachloroethene	50.000	46.707	6.6	93	0.00
53	T	Dibromochloromethane	50.000	49.953	0.1	103	0.00
54	T	1,2-Dibromoethane	50.000	49.973	0.1	104	0.00
55	T	1-Chlorohexane	50.000	48.988	2.0	96	-0.02
56	P	Chlorobenzene	50.000	47.544	4.9	97	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	48.471	3.1	99	-0.02
58	C	Ethylbenzene	50.000	47.290	5.4	96	-0.02
59	T	m-,p-Xylene	100.000	93.178	6.8	94	0.00
60	T	o-Xylene	50.000	47.208	5.6	95	0.00
61	T	Styrene	50.000	47.580	4.8	96	0.00
62	P	Bromoform	50.000	50.540	-1.1	106	0.00
63	T	Isopropylbenzene	50.000	47.165	5.7	94	-0.02
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	103	-0.02
65	P	1,1,2,2-Tetrachloroethane	50.000	48.655	2.7	108	0.00
66	S	p-Bromofluorobenzene	50.000	22.885	~~-54.2#~~	49	0.00
67	T	1,2,3-Trichloropropane	50.000	48.676	2.6	108	-0.02
68	T	trans-1,4-Dichloro-2-Butene	50.000	54.514	-9.0	111	-0.02
69	T	n-Propylbenzene	50.000	46.544	6.9	95	-0.02
70	T	Bromobenzene	50.000	46.506	7.0	98	0.00
71	T	1,3,5-Trimethylbenzene	50.000	45.480	9.0	94	-0.02
72	T	2-Chlorotoluene	50.000	45.847	8.3	101	-0.02
73	T	4-Chlorotoluene	50.000	45.549	8.9	92	0.00
74	T	a-Methylstyrene	50.000	47.196	5.6	96	-0.02
75	T	tert-Butylbenzene	50.000	43.853	12.3	89	-0.02
76	T	1,2,4-Trimethylbenzene	50.000	44.619	10.8	94	0.00
77	T	sec-Butylbenzene	50.000	45.541	8.9	94	0.00
78	T	p-Isopropyltoluene	50.000	45.808	8.4	95	0.00
79	T	1,3-Dichlorobenzene	50.000	46.132	7.7	97	-0.02
80	T	1,4-Dichlorobenzene	50.000	46.814	6.4	100	-0.02

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D Vial: 3
Acq On : 19 Oct 2000 8:28 Operator: CMS
Sample : WG86008-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Multiple Level Calibration

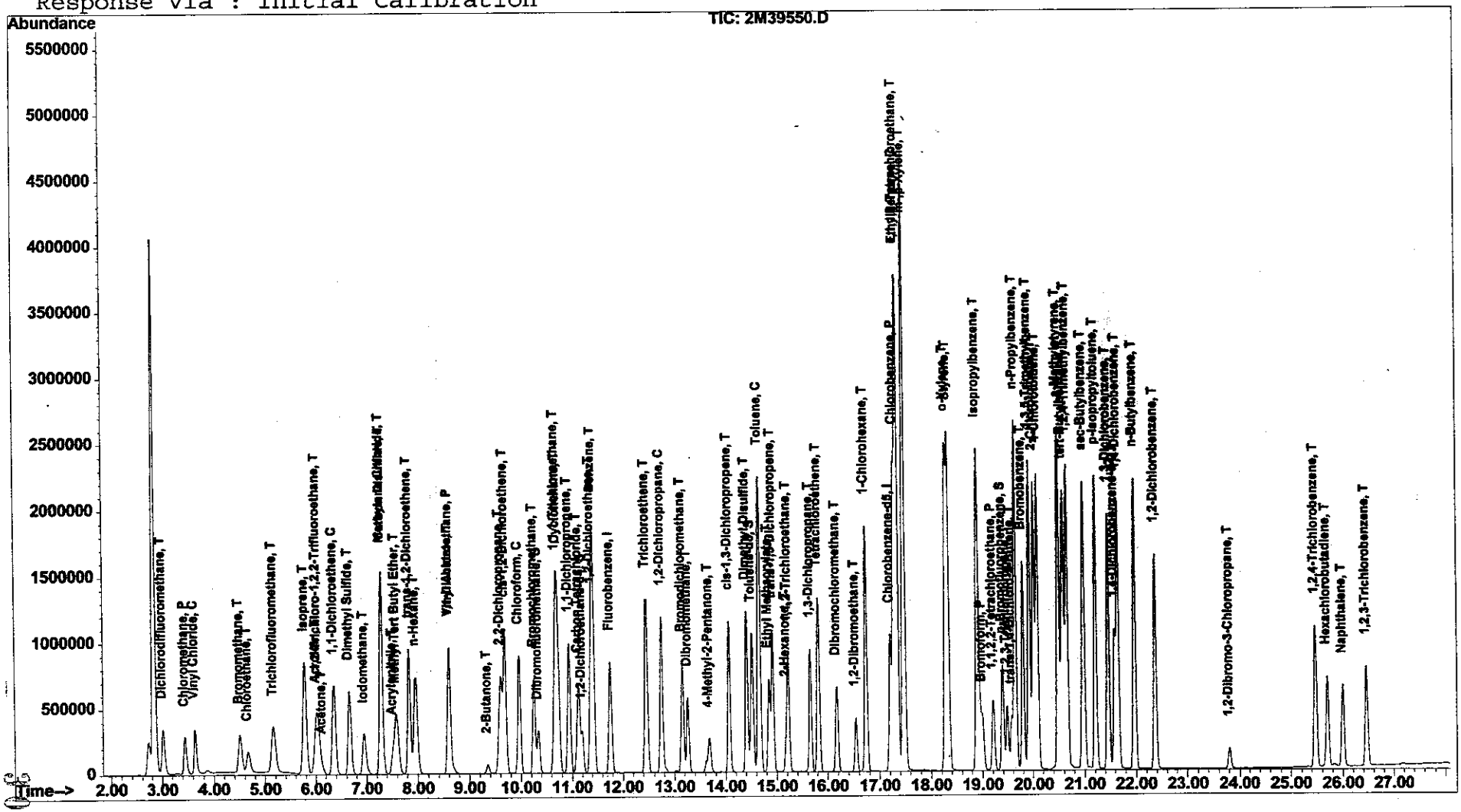
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	45.613	8.8	94	0.00
82	T	1,2-Dichlorobenzene	50.000	46.571	6.9	101	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	46.022	8.0	116	-0.02
84	T	1,2,4-Trichlorobenzene	50.000	45.317	9.4	103	-0.02
85	T	Hexachlorobutadiene	50.000	43.251	13.5	94	0.00
86	T	Naphthalene	50.000	46.086	7.8	114	0.00
87	T	1,2,3-Trichlorobenzene	50.000	45.939	8.1	112	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D Vial: 3
Acq On : 19 Oct 2000 8:28 Operator: CMS
Sample : WG86008-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 8:57 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D Vial: 3
Acq On : 19 Oct 2000 8:28 Operator: CMS
Sample : WG86008-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 8:57 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.75	96	1481481	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.21	117	1121343	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.59	152	570480	25.00	UG/L		-0.02
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	405062	22.01	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 88.04%				
33) 1,2-Dichloroethane-d4	11.20	65	363040	21.64	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 86.56%				
45) Toluene-d8	14.51	98	1417997	22.62	UG/L		-0.02
Spiked Amount 25.000	Range 88 - 110		Recovery = 90.48%				
66) p-Bromofluorobenzene	19.39	95	581023	22.88	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 91.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	803358	47.69	UG/L		95
3) Chloromethane	3.44	50	649873	46.24	UG/L		99
4) Vinyl Chloride	3.64	62	630918	43.52	UG/L		99
5) Bromomethane	4.50	94	510042	51.59	UG/L		100
6) Chloroethane	4.66	64	366479	47.52	UG/L		90
7) Trichlorofluoromethane	5.16	101	837544	42.36	UG/L		99
8) Isoprene	5.77	67	1048624	49.05	UG/L		83
9) Acrolein	6.00	56	36115	123.01	UG/L		96
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	697048	48.41	UG/L	#	100
11) Acetone	6.14	43	111811	55.15	UG/L	#	88
12) 1,1-Dichloroethene	6.36	96	623627	45.47	UG/L		91
13) Dimethyl Sulfide	6.65	62	765606	48.14	UG/L	#	76
14) Iodomethane	6.95	142	915556	49.83	UG/L		97
15) Methylene Chloride	7.27	84	780071	46.26	UG/L		91
16) Carbon Disulfide	7.29	76	2852825	47.65	UG/L		99
17) Acrylonitrile	7.51	53	138065	52.35	UG/L		94
18) Methyl Tert Butyl Ether	7.58	73	1394677	50.97	UG/L		99
19) trans-1,2-Dichloroethene	7.83	96	740027	46.26	UG/L		86
20) n-Hexane	7.95	57	927931	46.78	UG/L		89
21) Vinyl Acetate	8.60	43	868294	50.57	UG/L		100
22) 1,1-Dichloroethane	8.60	63	1553440	46.94	UG/L		98
23) 2-Butanone	9.35	43	172804	53.56	UG/L	#	88
24) 2,2-Dichloropropane	9.61	77	1246308	50.56	UG/L		98
25) cis-1,2-Dichloroethene	9.69	96	846135	46.22	UG/L	#	63
26) Chloroform	9.96	83	1445101	47.07	UG/L		96
27) Bromochloromethane	10.26	128	371008	48.34	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D
Acq On : 19 Oct 2000 8:28
Sample : WG86008-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Oct 19 8:57 2000

Vial: 3
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29) 1,1,1-Trichloroethane	10.67	97	1081035	48.39	UG/L		89
30) Cyclohexane	10.71	56	1353102	47.88	UG/L		91
31) 1,1-Dichloropropene	10.94	75	1003546	46.55	UG/L	#	83
32) Carbon Tetrachloride	11.12	117	934581	47.90	UG/L		98
34) 1,2-Dichloroethane	11.36	62	916810	47.78	UG/L		100
35) Benzene	11.41	78	3453864	45.96	UG/L		93
36) Trichloroethene	12.45	130	856899	47.25	UG/L		96
37) 1,2-Dichloropropane	12.74	63	907916	47.08	UG/L		87
38) Bromodichloromethane	13.15	83	1056743	48.78	UG/L		97
39) Dibromomethane	13.26	93	401961	47.90	UG/L	#	72
41) 4-Methyl-2-Pentanone	13.68	58	156268	53.42	UG/L		87
42) cis-1,3-Dichloropropene	14.07	75	1275549	48.43	UG/L		93
43) Dimethyl Disulfide	14.40	79	776477	53.02	UG/L		98
46) Toluene	14.66	91	3398604	46.89	ug/L		99
47) Ethyl Methacrylate	14.85	69	768502	51.31	UG/L	#	90
48) trans-1,3-Dichloropropene	14.92	75	1102196	49.16	ug/L		97
49) 1,1,2-Trichloroethane	15.21	97	502807	47.91	UG/L		90
50) 2-Hexanone	15.17	43	274643	51.79	UG/L		86
51) 1,3-Dichloropropane	15.66	76	1067302	48.17	UG/L	#	81
52) Tetrachloroethene	15.82	164	628313	46.71	UG/L	#	75
53) Dibromochloromethane	16.18	129	690931	49.95	UG/L		99
54) 1,2-Dibromoethane	16.54	107	544067	49.97	UG/L		98
55) 1-Chlorohexane	16.73	91	1255766	48.99	UG/L		99
56) Chlorobenzene	17.28	112	2202872	47.54	UG/L	#	73
57) 1,1,1,2-Tetrachloroethane	17.33	131	756599	48.47	UG/L		94
58) Ethylbenzene	17.34	106	1122621	47.29	UG/L		99
59) m-,p-Xylene	17.48	106	2735686	93.18	UG/L		100
60) o-Xylene	18.28	106	1360304	47.21	UG/L		100
61) Styrene	18.34	104	2332084	47.58	UG/L	#	81
62) Bromoform	19.01	173	359240	50.54	UG/L	#	95
63) Isopropylbenzene	18.90	105	3509800	47.17	ug/L		94
65) 1,1,2,2-Tetrachloroethane	19.21	83	632738	48.65	UG/L		98
67) 1,2,3-Trichloropropane	19.48	110	142167	48.68	UG/L	#	89
68) trans-1,4-Dichloro-2-Buten	19.56	53	184104	54.51	UG/L		92
69) n-Propylbenzene	19.64	91	4572719	46.54	UG/L		98
70) Bromobenzene	19.79	156	874886	46.51	UG/L		98
71) 1,3,5-Trimethylbenzene	19.91	105	2750072	45.48	UG/L		93
72) 2-Chlorotoluene	20.01	91	2815905	45.85	UG/L		96
73) 4-Chlorotoluene	20.09	91	2684505	45.55	UG/L		95
74) a-Methylstyrene	20.49	118	1618953	47.20	UG/L		96
75) tert-Butylbenzene	20.58	119	2549849	43.85	UG/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39550.D
Acq On : 19 Oct 2000 8:28
Sample : WG86008-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Oct 19 8:57 2000

Vial: 3
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

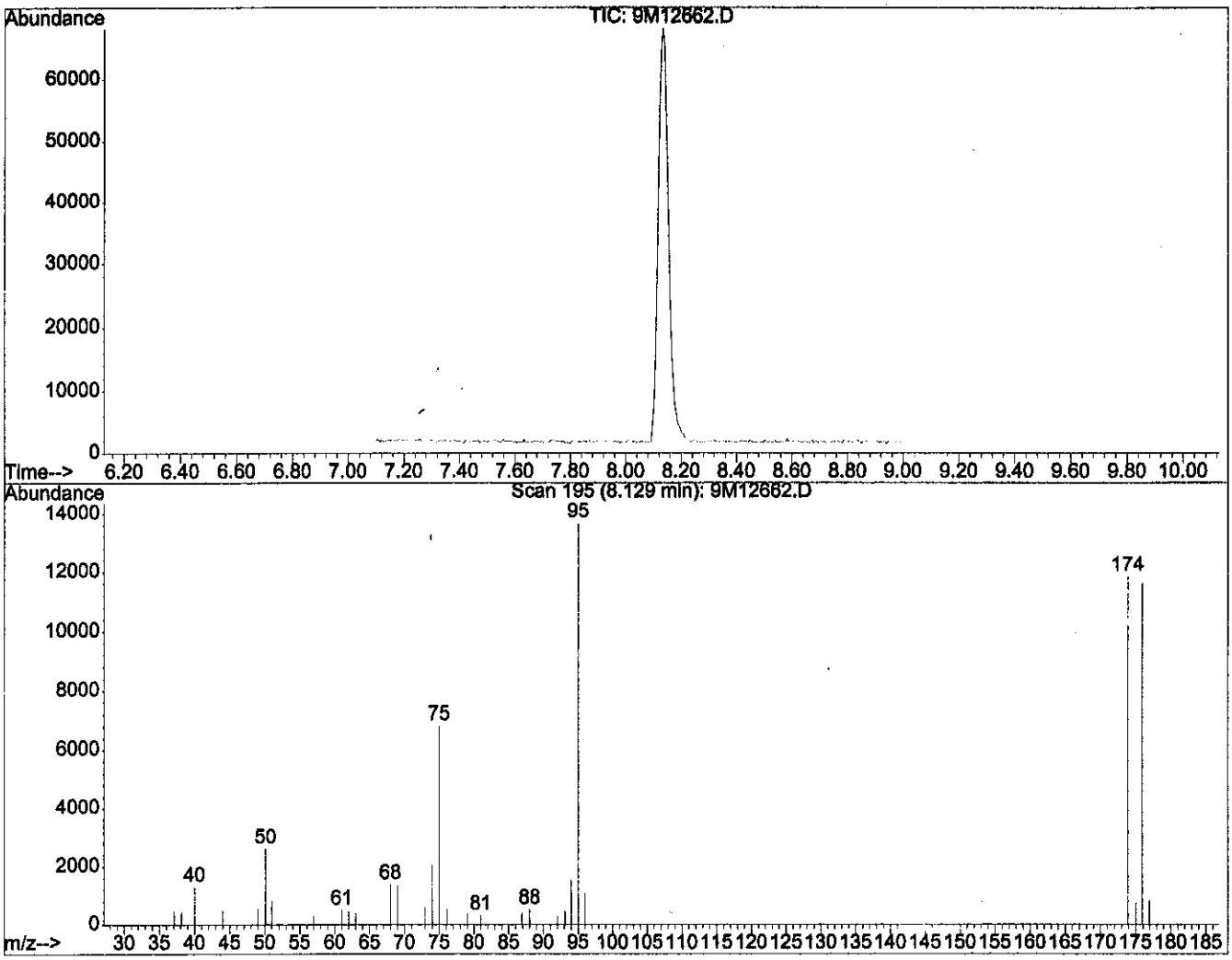
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) 1,2,4-Trimethylbenzene	20.66	105	2705180	44.62	UG/L		91
77) sec-Butylbenzene	20.98	105	3358210	45.54	UG/L		98
78) p-Isopropyltoluene	21.21	119	2781956	45.81	UG/L		100
79) 1,3-Dichlorobenzene	21.46	146	1699726	46.13	UG/L		93
80) 1,4-Dichlorobenzene	21.65	146	1713600	46.81	UG/L		93
81) n-Butylbenzene	21.97	91	2662383	45.61	UG/L		98
82) 1,2-Dichlorobenzene	22.36	146	1461024	46.57	UG/L		93
83) 1,2-Dibromo-3-Chloropropan	23.80	157	96103	46.02	UG/L	#	75
84) 1,2,4-Trichlorobenzene	25.47	180	694035	45.32	UG/L	#	96
85) Hexachlorobutadiene	25.70	225	281266	43.25	UG/L	#	90
86) Naphthalene	26.00	128	1085745	46.09	UG/L		98
87) 1,2,3-Trichlorobenzene	26.45	180	500482	45.94	UG/L	#	96

(#) = qualifier out of range (m) = manual integration

2.1.1.4 Raw QC Data

BFB

Data File : C:\HPCHEM\1\DATA\100600\9M12662.D Vial: 7
Acq On : 6 Oct 2000 12:37 Operator: MES
Sample : WG85403-01 50NG BFB Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9



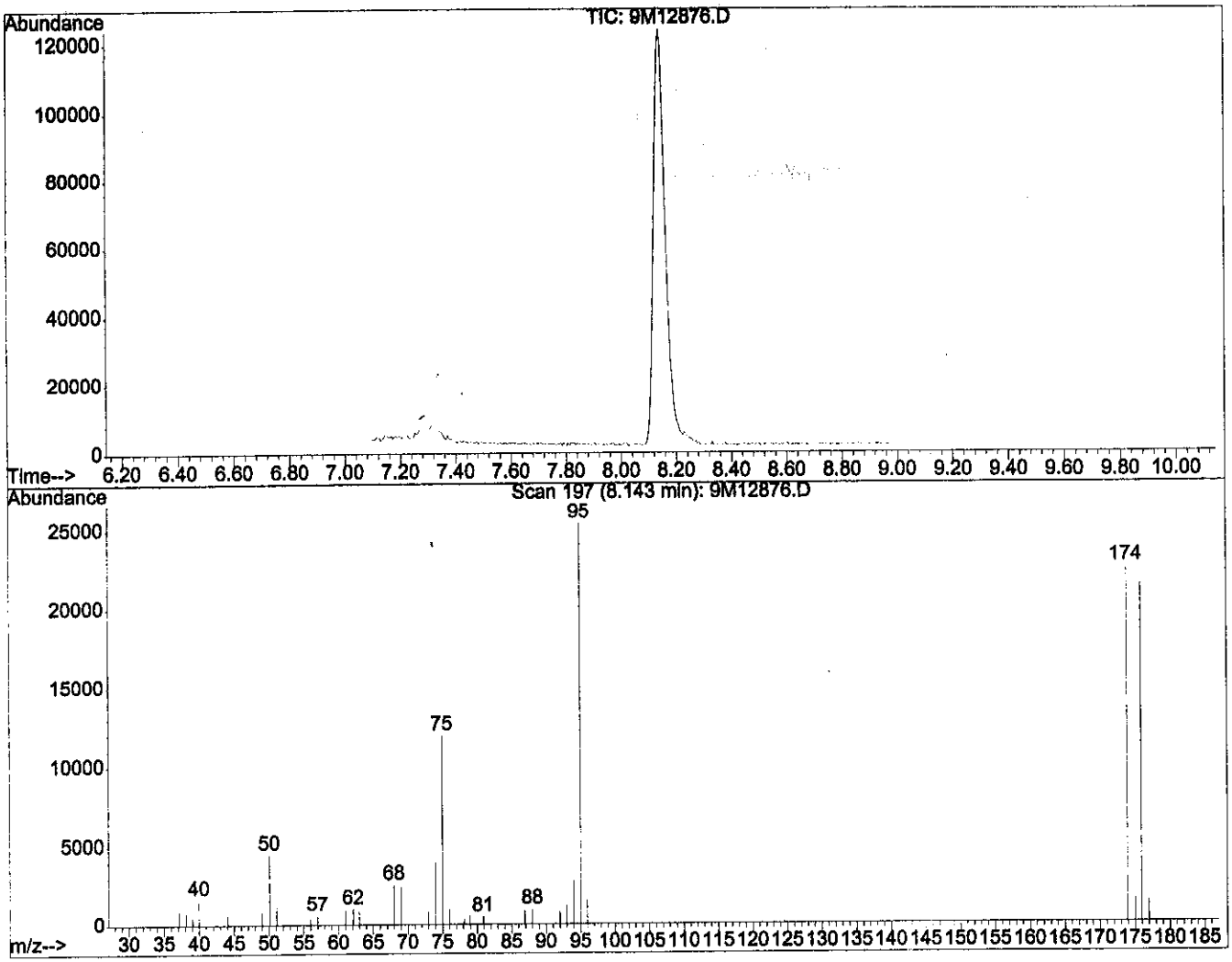
Spectrum Information: Scan 195

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.1	2618	PASS
75	95	30	60	49.8	6814	PASS
95	95	100	100	100.0	13696	PASS
96	95	5	9	7.9	1084	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	86.4	11840	PASS
175	174	5	9	6.5	772	PASS
176	174	95	101	98.1	11618	PASS
177	176	5	9	7.2	834	PASS

9M12662.D 8260WT.M Fri Oct 06 22:02:53 2000 HPMS_9

Data File : D:\HPCHEM\1\DATA\101600\9M12876.D
Acq On : 16 Oct 2000 14:11
Sample : WG85809-01 BFB 50NG STD SV69-11
Misc : WATER,1
MS Integration Params: events.e
Method : C:\HPCHEM\1\METHODS\BFB.M (Chemstation Integrator)
Title :

Vial: 1
Operator: RSS
Inst : HPMS_9
Multiplr: 1.00



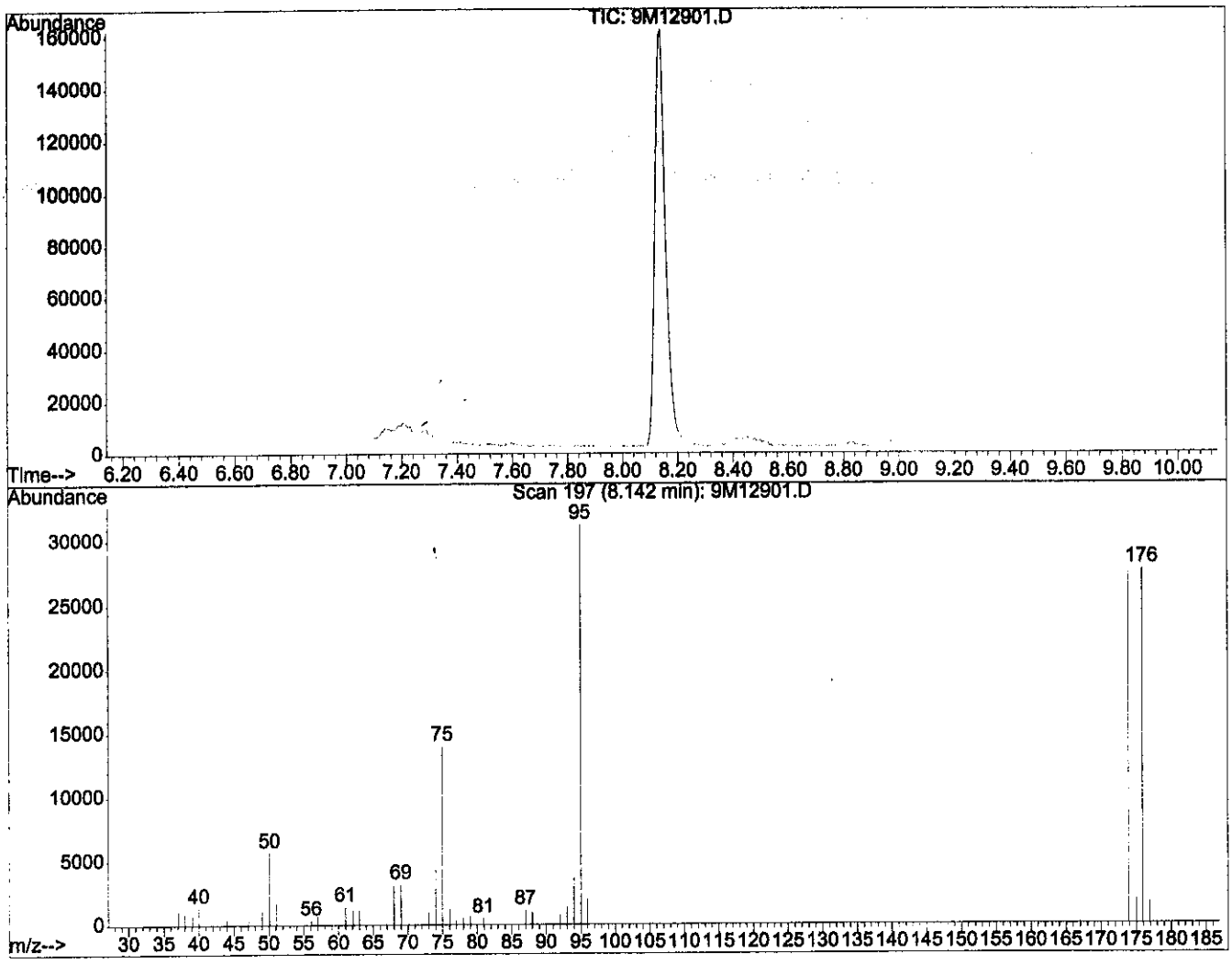
Spectrum Information: Scan 197

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.6	4480	PASS
75	95	30	60	47.0	11935	PASS
95	95	100	100	100.0	25400	PASS
96	95	5	9	6.6	1689	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	88.6	22496	PASS
175	174	5	9	7.0	1572	PASS
176	174	95	101	95.3	21440	PASS
177	176	5	9	6.6	1407	PASS

9M12876.D BFB.M Mon Oct 16 14:23:09 2000 HPMS_9

Data File : D:\HPCHEM\1\DATA\101700\9M12901.D
Acq On : 17 Oct 2000 8:27
Sample : WG85865-01 BFB 50NG STD SV69-11
Misc : WATER,1
MS Integration Params: events.e
Method : C:\HPCHEM\1\METHODS\BFB.M (Chemstation Integrator)
Title :

Vial: 1
Operator: MES
Inst : HPMS_9
Multiplr: 1.00



Spectrum Information: Scan 197

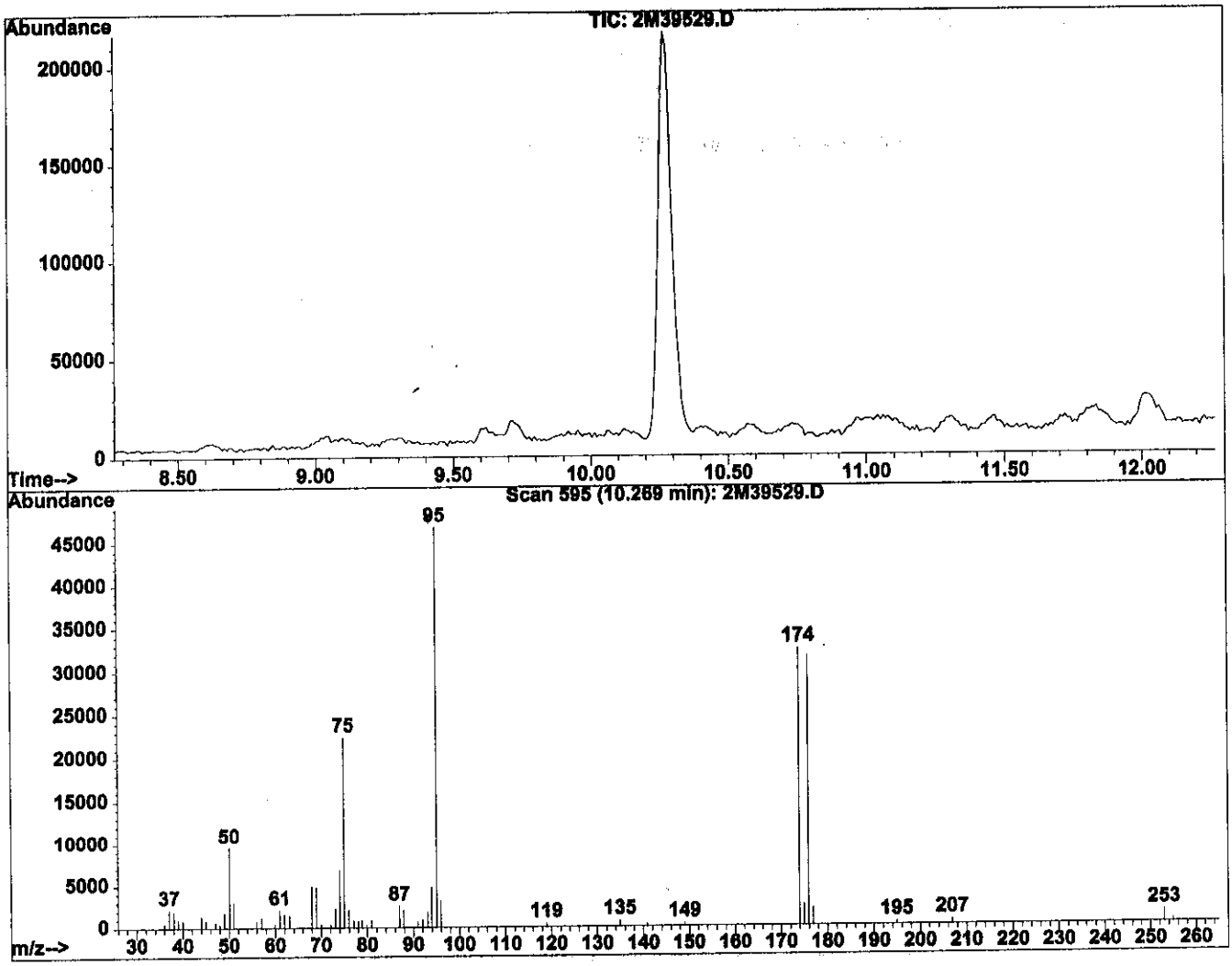
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.3	5739	PASS
75	95	30	60	44.7	13992	PASS
95	95	100	100	100.0	31288	PASS
96	95	5	9	6.5	2047	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	87.8	27480	PASS
175	174	5	9	7.0	1926	PASS
176	174	95	101	100.8	27704	PASS
177	176	5	9	6.1	1696	PASS

9M12901.D BFB.M Tue Oct 17 08:38:58 2000 HPMS_9

BFB

Data File : C:\HPCHEM\1\DATA\101800\2M39529.D
Acq On : 18 Oct 2000 7:23
Sample : WG85936-01 BFB 50NG STD SV-69-11
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2

Vial: 1
Operator: CMS
Inst : HPMS2
Multiplr: 1.00



Spectrum Information: Scan 595

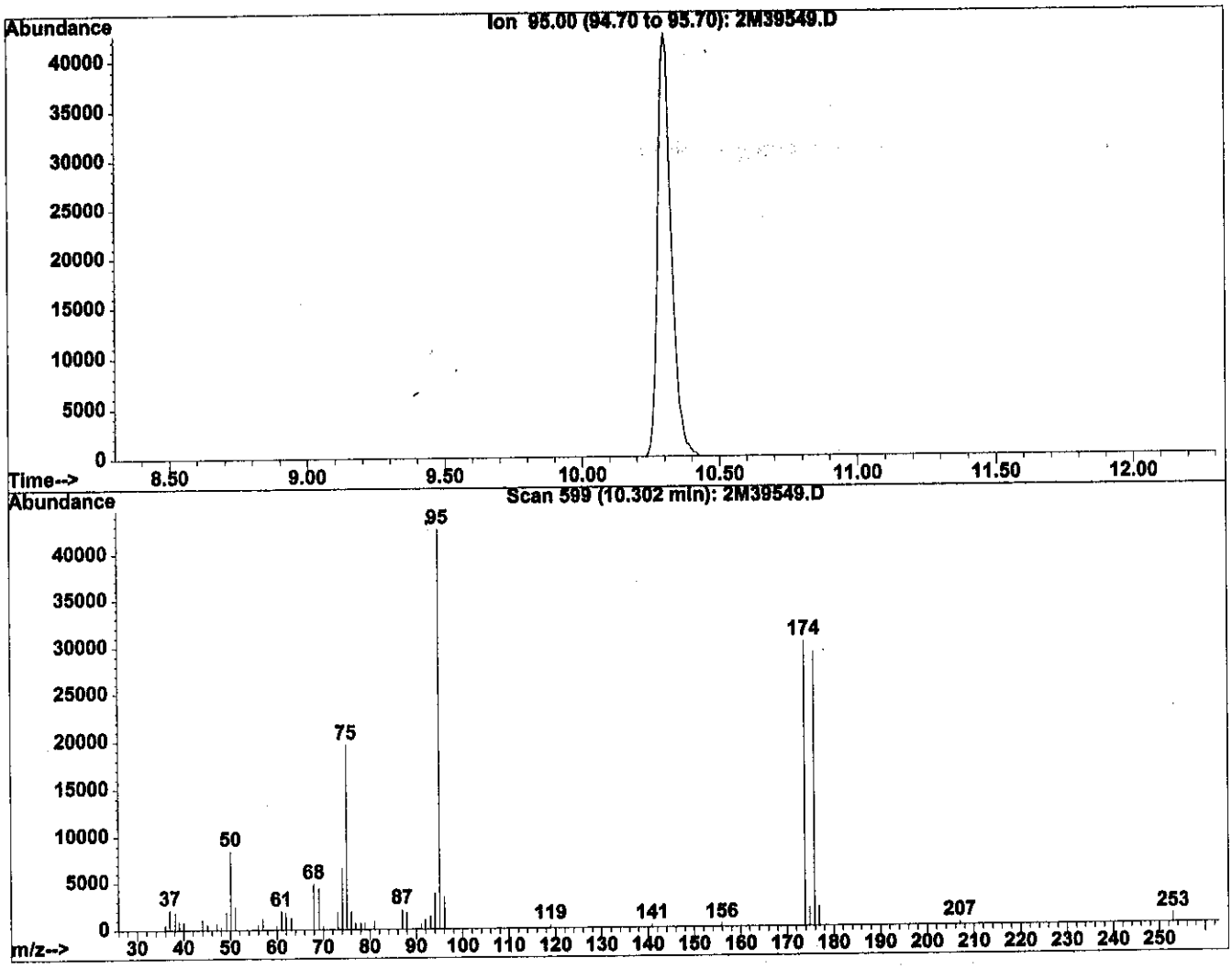
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.6	9629	PASS
75	95	30	60	47.9	22416	PASS
95	95	100	100	100.0	46840	PASS
96	95	5	9	6.8	3180	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	69.2	32424	PASS
175	174	5	9	7.6	2455	PASS
176	174	95	101	97.4	31576	PASS
177	176	5	9	6.4	2026	PASS

2M39529.D M8260WT.M Wed Oct 18 23:39:25 2000 HPMS2

BFB

Data File : C:\HPCHEM\1\DATA\101900\2M39549.D
Acq On : 19 Oct 2000 7:57
Sample : WG86008-01 BFB 50NG STD SV-69-11
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00



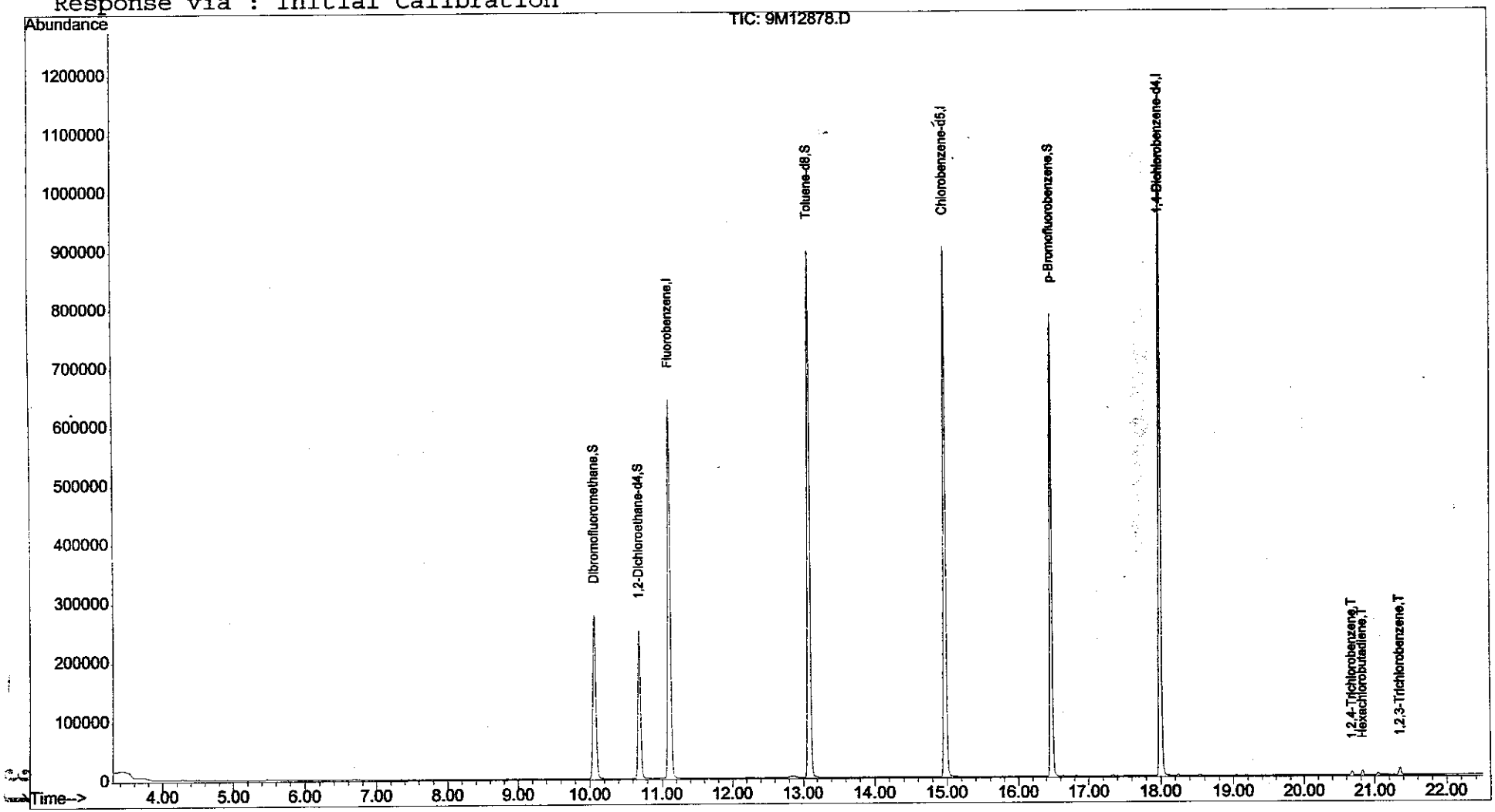
Spectrum Information: Scan 599

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	8471	PASS
75	95	30	60	46.0	19632	PASS
95	95	100	100	100.0	42648	PASS
96	95	5	9	8.0	3429	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	71.0	30272	PASS
175	174	5	9	6.6	2003	PASS
176	174	95	101	96.1	29088	PASS
177	176	5	9	7.1	2079	PASS

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12878.D Vial: 3
Acq On : 16 Oct 2000 15:21 Operator: RSS
Sample : WG85809-03 VBLANK 1016 M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:43 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



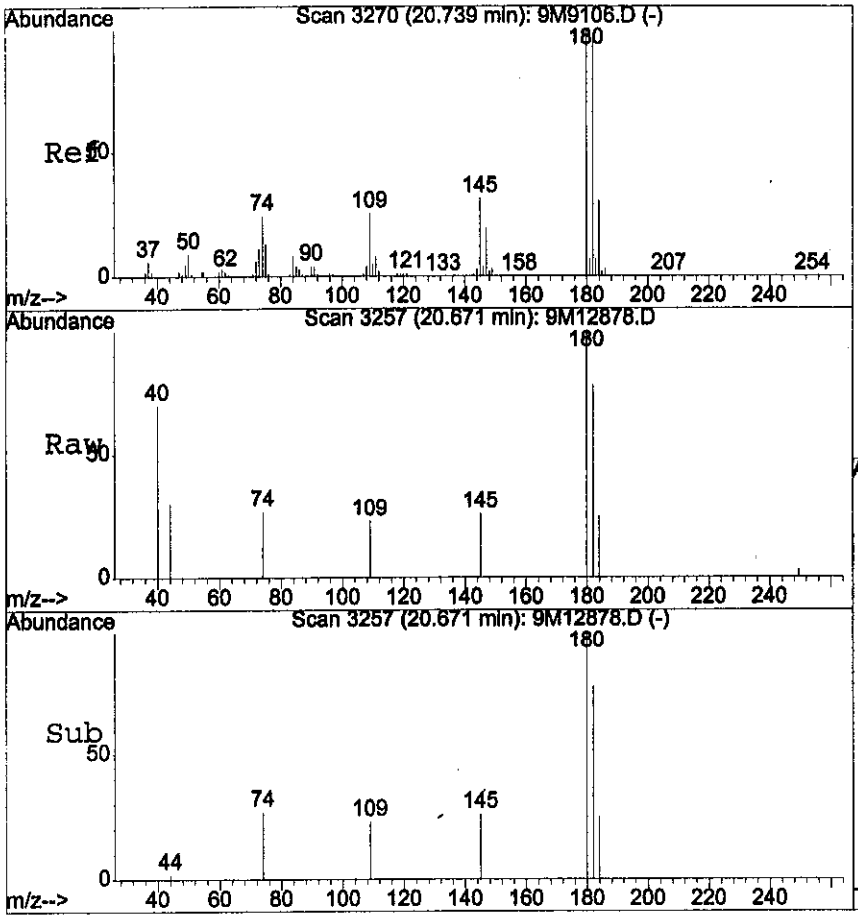
Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12878.D Vial: 3
Acq On : 16 Oct 2000 15:21 Operator: RSS
Sample : WG85809-03 VBLANK 1016 M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 15:43 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	812582	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.97	117	644081	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	358683	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	241709	26.07	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 104.28%			
33) 1,2-Dichloroethane-d4	10.69	65	240834	26.45	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 105.80%			
45) Toluene-d8	13.08	98	821661	25.79	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 103.16%			
66) p-Bromofluorobenzene	16.47	95	334621	27.59	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.36%			
Target Compounds						Qvalue
84) 1,2,4-Trichlorobenzene	20.67	180	4244	0.31	ug/L # J	89
85) Hexachlorobutadiene	20.83	225	3450	0.54	ug/L # J	89
87) 1,2,3-Trichlorobenzene	21.36	180	7038	0.69	ug/L J	95

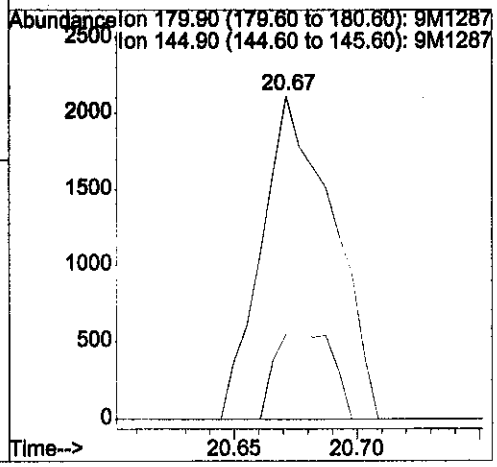
(#) = qualifier out of range (m) = manual integration

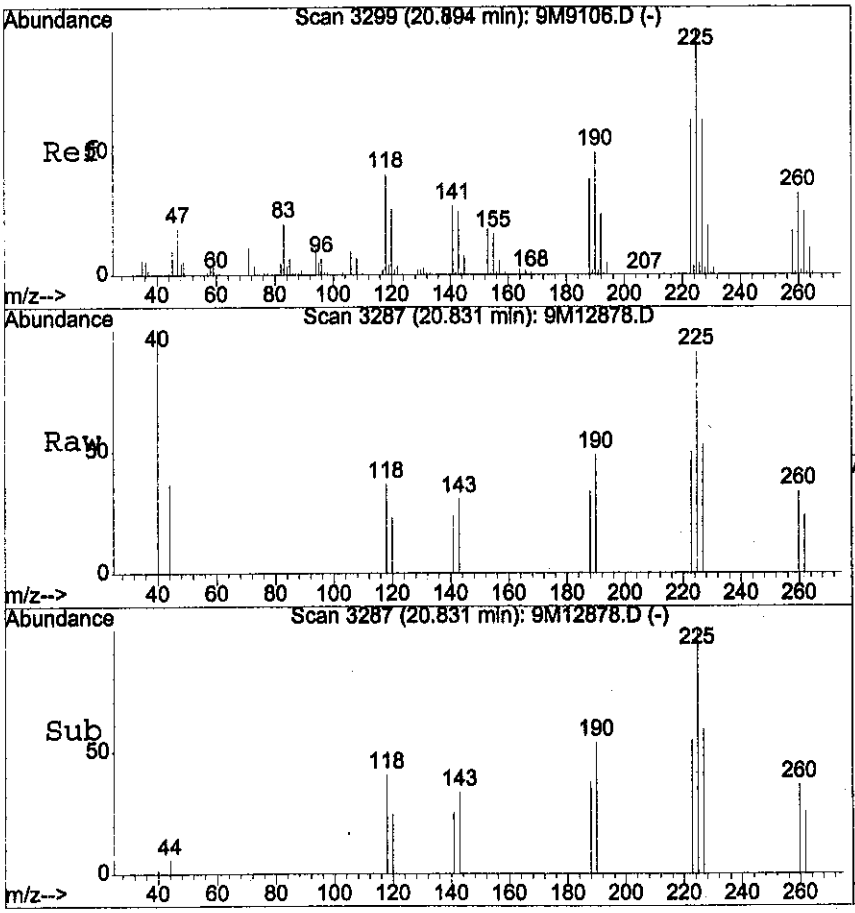


#84
1,2,4-Trichlorobenzene
Concen: 0.31 ug/L
RT: 20.67 min Scan# 3257
Delta R.T. -0.01 min
Lab File: 9M12878.D
Acq: 16 Oct 2000 15:21

Tgt Ion:180 Resp: 4244

Ion	Ratio	Lower	Upper
180	100		
145	22.0	22.2	33.4#

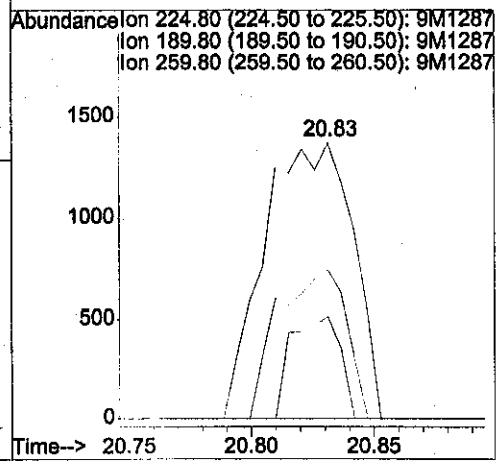


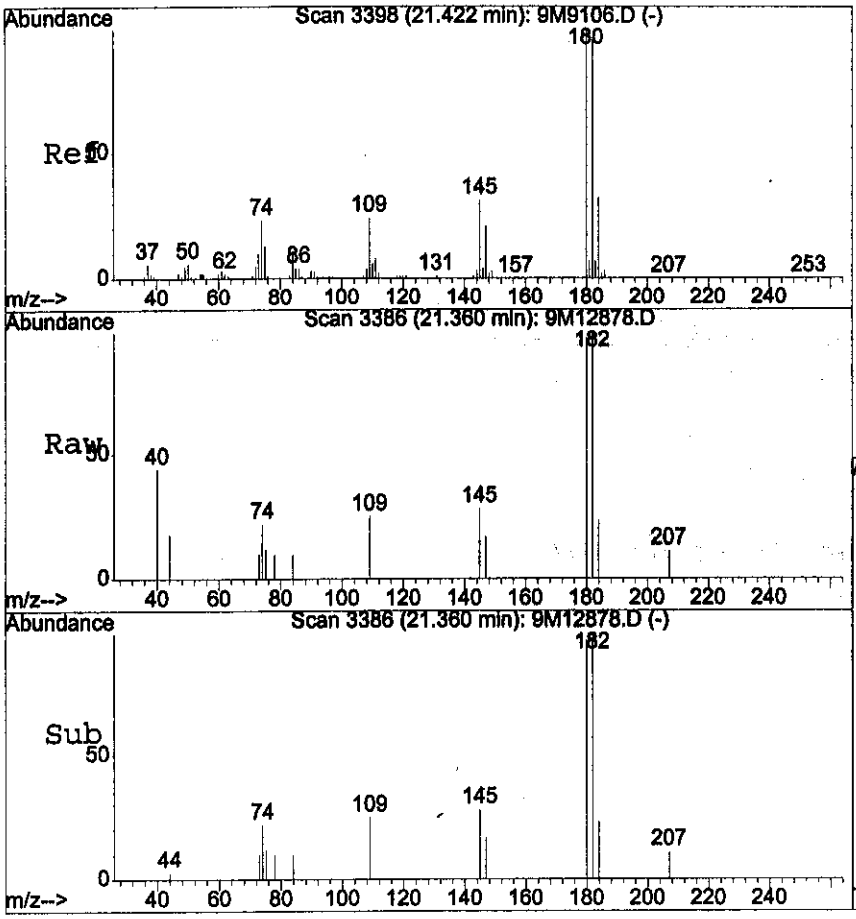


#85
Hexachlorobutadiene
Concen: 0.54 ug/L
RT: 20.83 min Scan# 3287
Delta R.T. 0.00 min
Lab File: 9M12878.D
Acq: 16 Oct 2000 15:21

Tgt Ion:225 Resp: 3450

Ion	Ratio	Lower	Upper
225	100		
190	41.9	35.8	53.6
260	20.6	25.4	38.0#

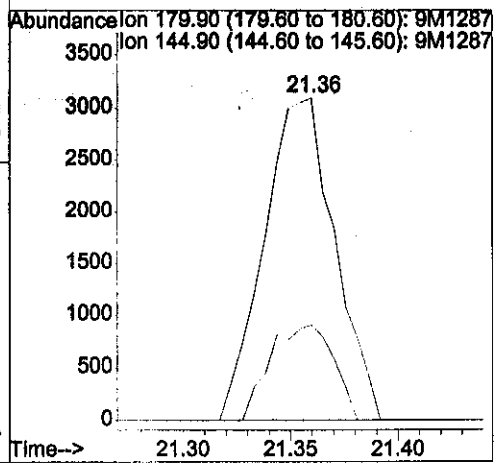




#87
1,2,3-Trichlorobenzene
Concen: 0.69 ug/L
RT: 21.36 min Scan# 3386
Delta R.T. 0.00 min
Lab File: 9M12878.D
Acq: 16 Oct 2000 15:21

Tgt Ion:180 Resp: 7038

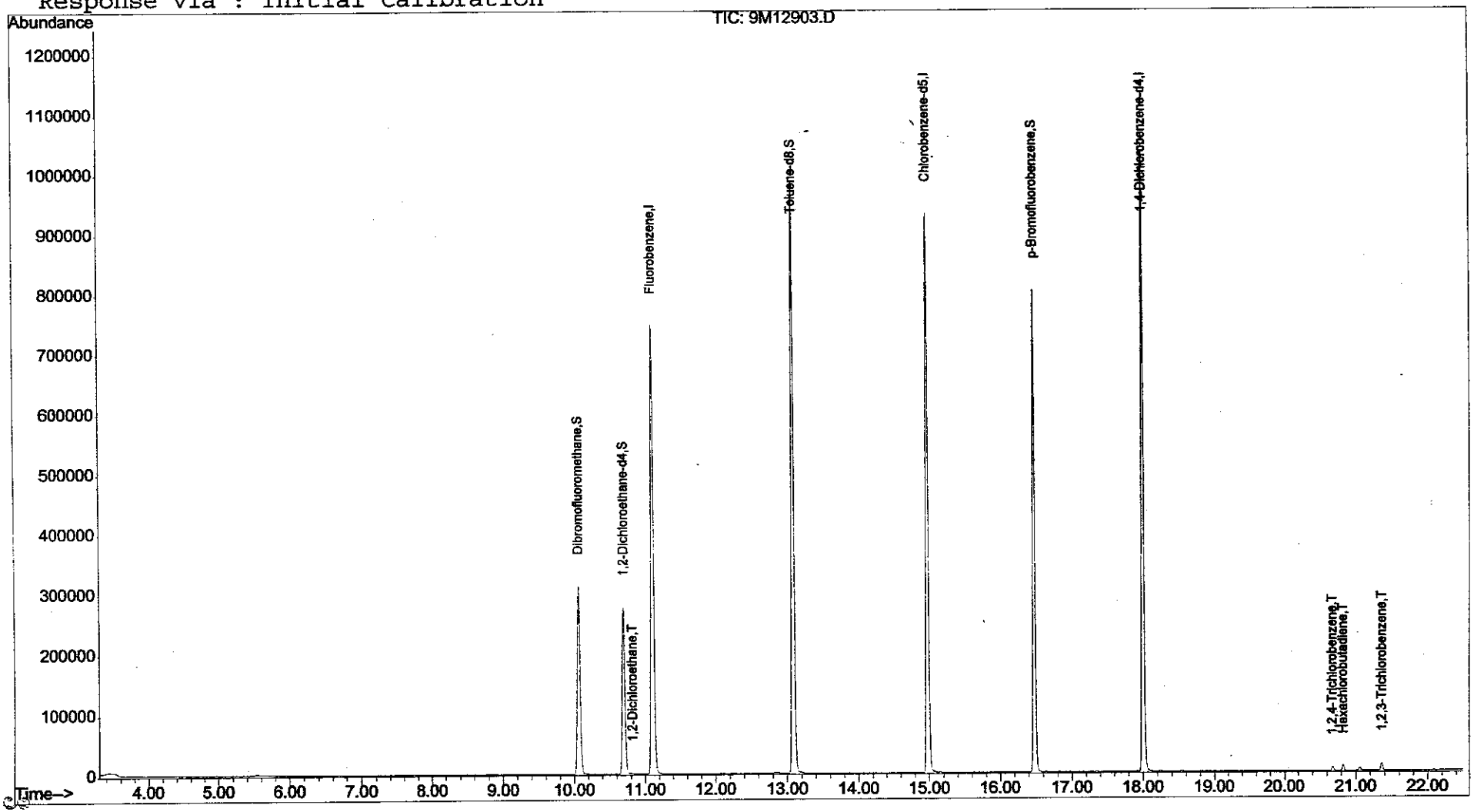
Ion	Ratio	Lower	Upper
180	100		
145	26.3	23.4	35.0



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12903.D Vial: 3
Acq On : 17 Oct 2000 9:39 Operator: RSS
Sample : WG85865-03 VBLANK 1017 M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:02 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



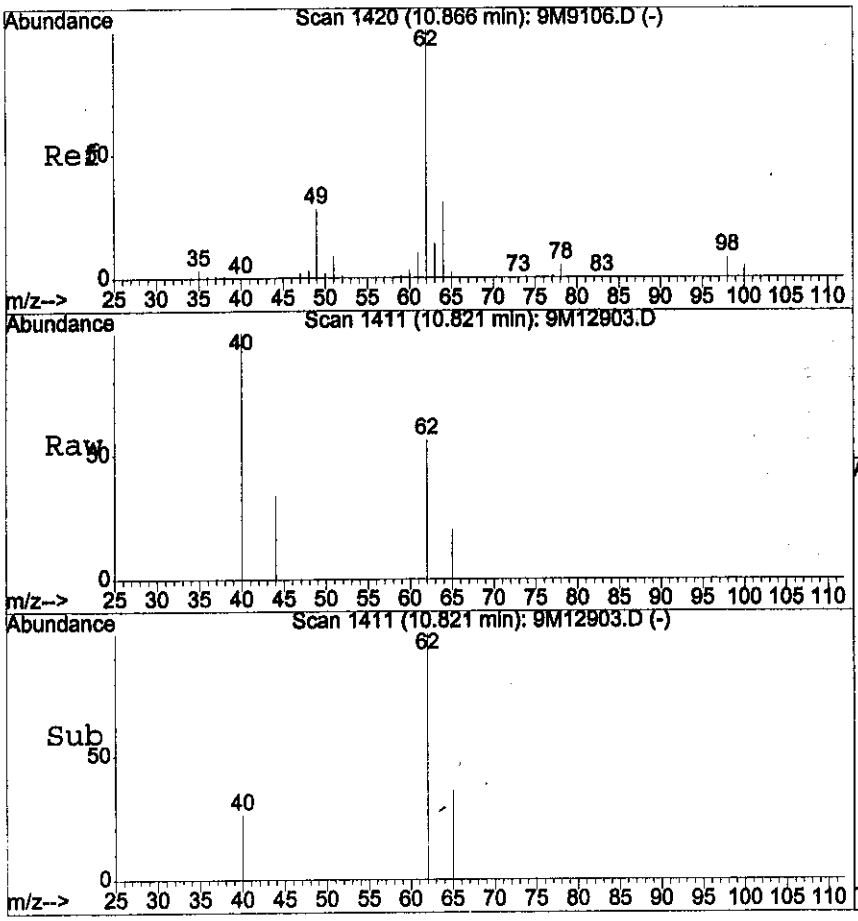
Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12903.D Vial: 3
Acq On : 17 Oct 2000 9:39 Operator: RSS
Sample : WG85865-03 VBLANK 1017 M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:02 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	969693	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	689528	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	368601	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	271059	24.50	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.00%			
33) 1,2-Dichloroethane-d4	10.70	65	267014	24.58	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.32%			
45) Toluene-d8	13.09	98	920682	27.00	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 108.00%			
66) p-Bromofluorobenzene	16.48	95	351115	28.17	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 112.68%			
Target Compounds						Qvalue
34) 1,2-Dichloroethane	10.82	62	1671	~~0.13 ug/L~~	#	47
84) 1,2,4-Trichlorobenzene	20.68	180	4426	0.31 ug/L	J	91
85) Hexachlorobutadiene	20.83	225	3889	0.59 ug/L	#J	80
87) 1,2,3-Trichlorobenzene	21.36	180	7361	0.70 ug/L	J	92

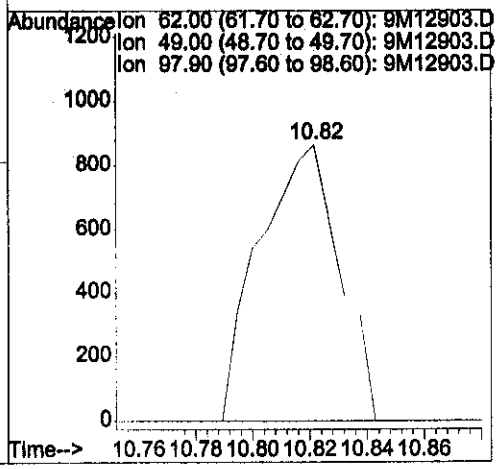
(#) = qualifier out of range (m) = manual integration

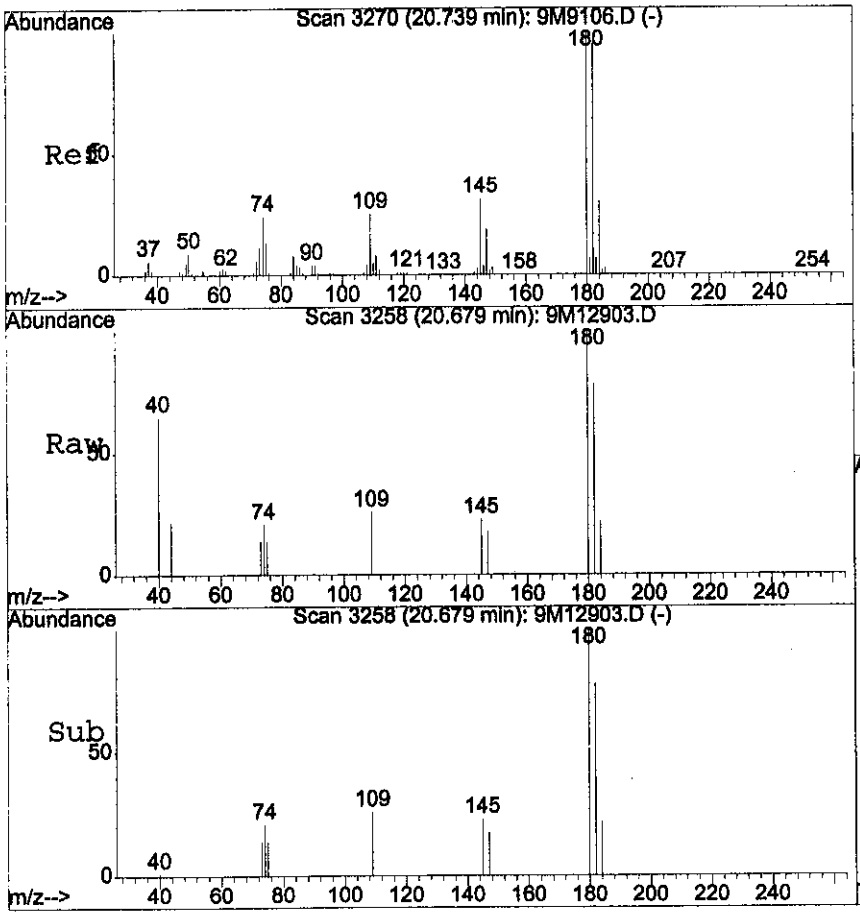


#34
1,2-Dichloroethane
Concen: 0.13 ug/L
RT: 10.82 min Scan# 1411
Delta R.T. 0.01 min
Lab File: 9M12903.D
Acq: 17 Oct 2000 9:39

Tgt Ion: 62 Resp: 1671

Ion	Ratio	Lower	Upper
62	100		
49	0.0	27.8	41.8#
98	0.0	6.4	9.6#

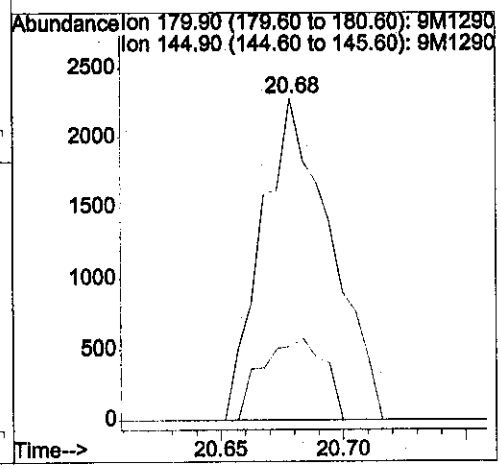


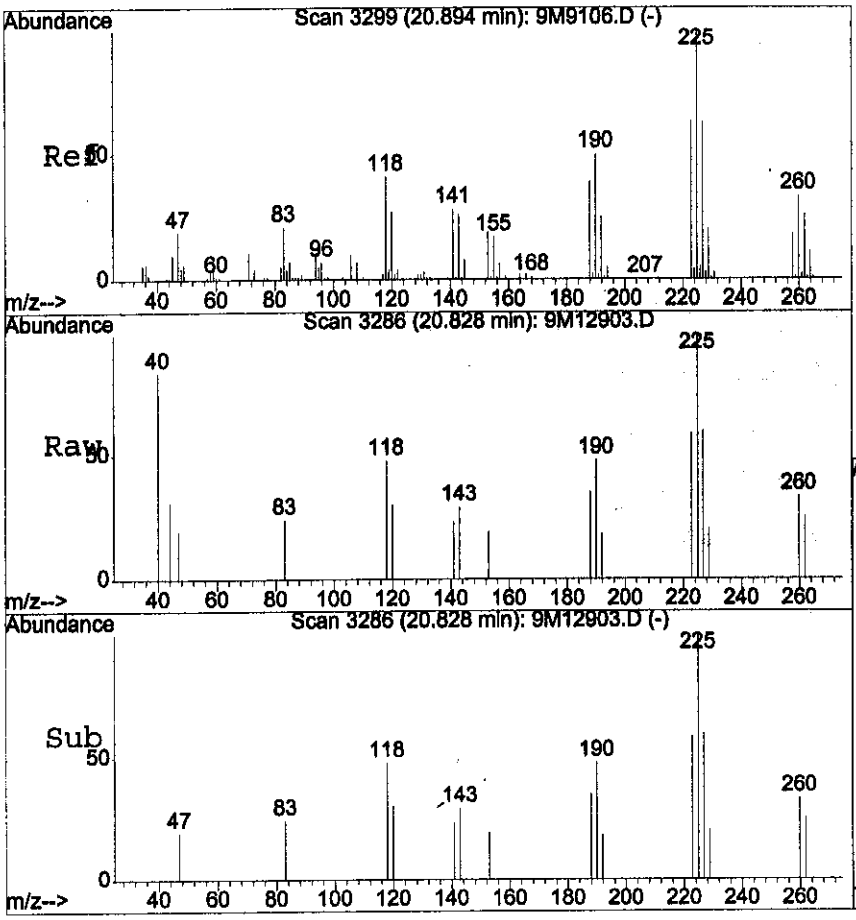


#84
1,2,4-Trichlorobenzene
Concen: 0.31 ug/L
RT: 20.68 min Scan# 3258
Delta R.T. -0.00 min
Lab File: 9M12903.D
Acq: 17 Oct 2000 9:39

Tgt Ion:180 Resp: 4426

Ion	Ratio	Lower	Upper
180	100		
145	23.1	22.2	33.4

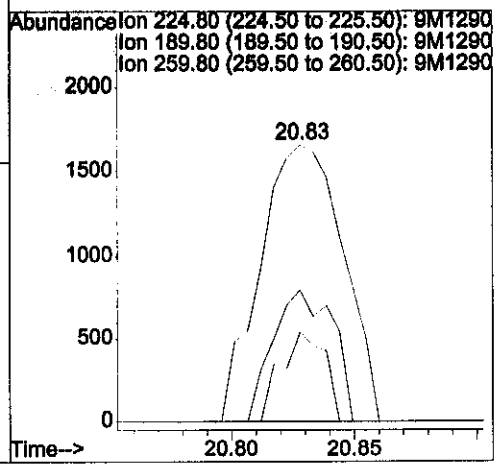


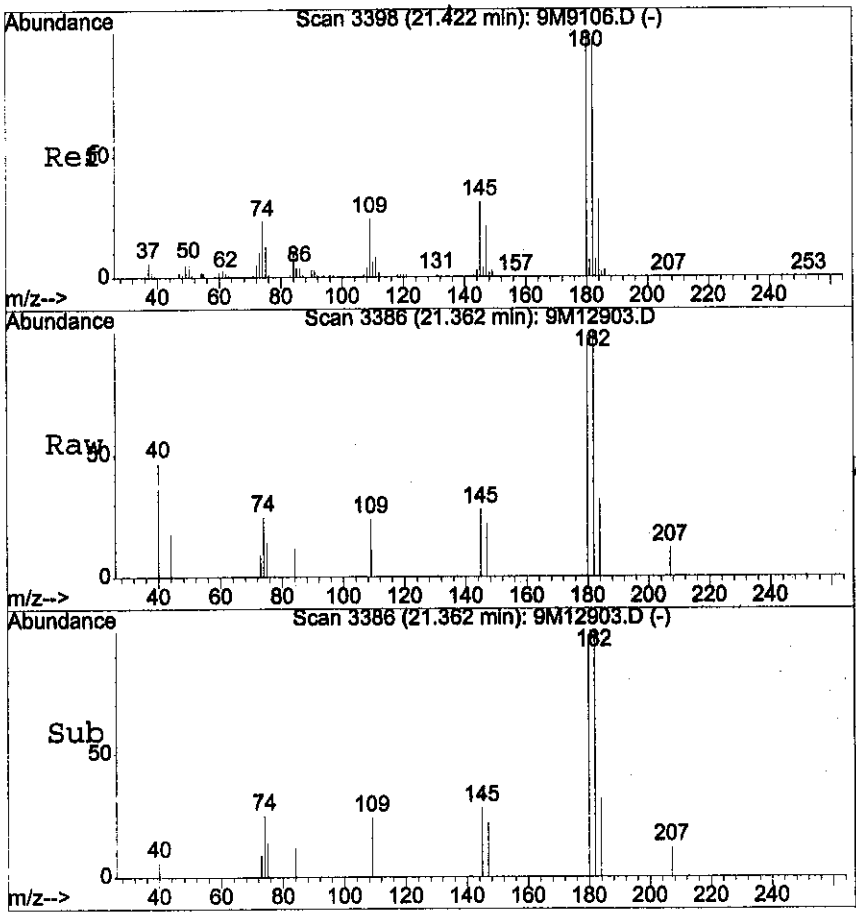


#85
Hexachlorobutadiene
Concen: 0.59 ug/L
RT: 20.83 min Scan# 3286
Delta R.T. -0.00 min
Lab File: 9M12903.D
Acq: 17 Oct 2000 9:39

Tgt Ion:225 Resp: 3889

Ion	Ratio	Lower	Upper
225	100		
190	34.7	35.8	53.6#
260	17.2	25.4	38.0#

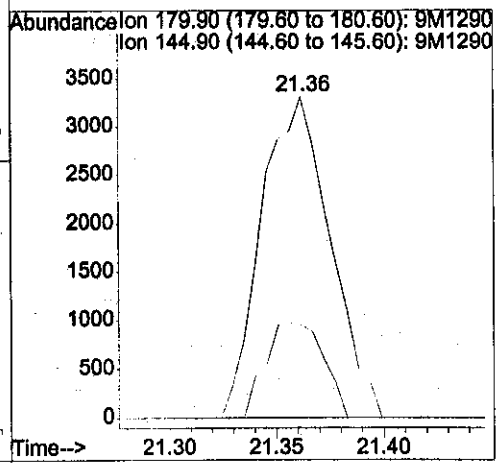




#87
1,2,3-Trichlorobenzene
Concen: 0.70 ug/L
RT: 21.36 min Scan# 3386
Delta R.T. 0.00 min
Lab File: 9M12903.D
Acq: 17 Oct 2000 9:39

Tgt Ion:180 Resp: 7361

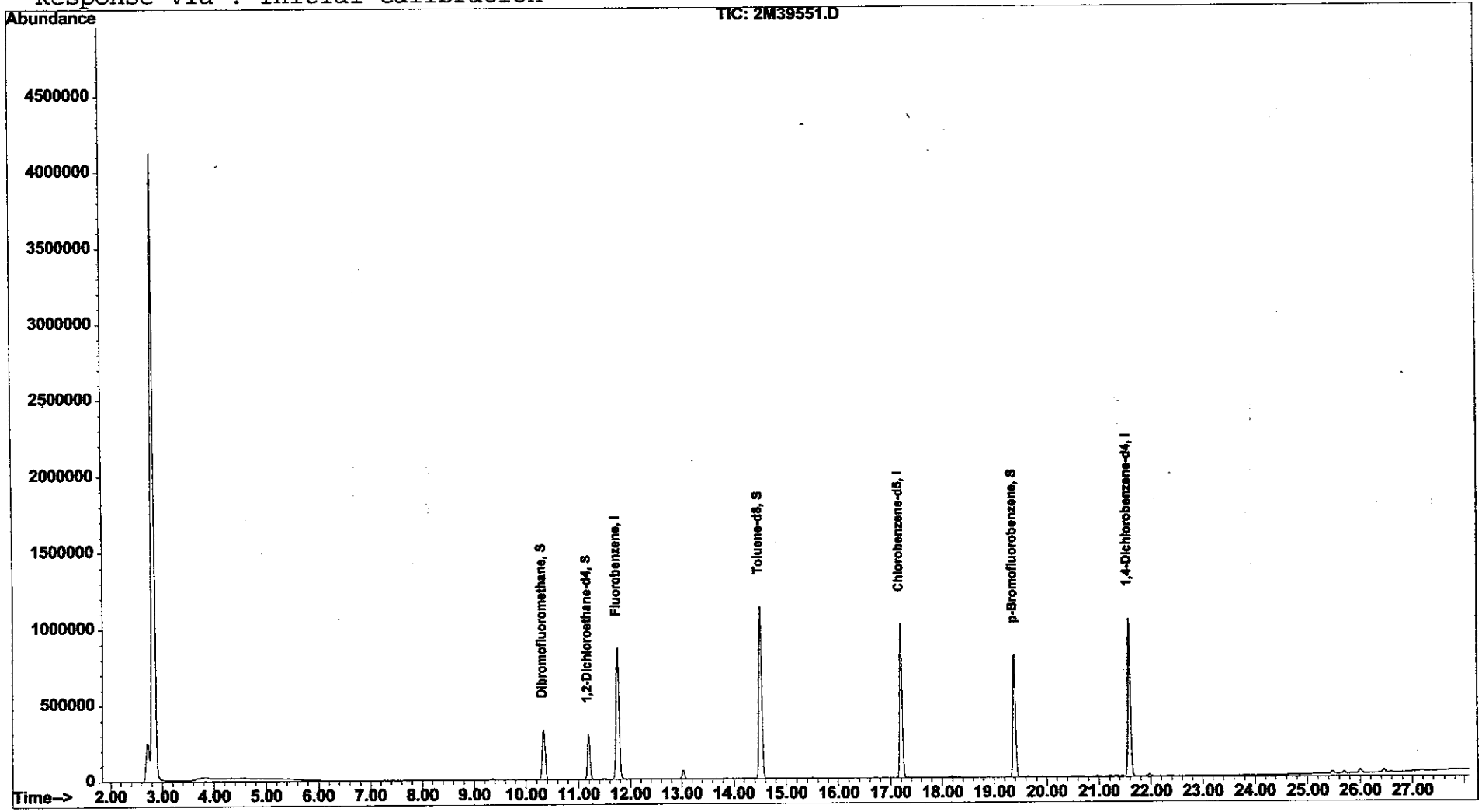
Ion	Ratio	Lower	Upper
180	100		
145	24.8	23.4	35.0



Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39551.D Vial: 4
Acq On : 19 Oct 2000 9:15 Operator: CMS
Sample : WG86008-03 EXT BLK 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Oct 19 9:44 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

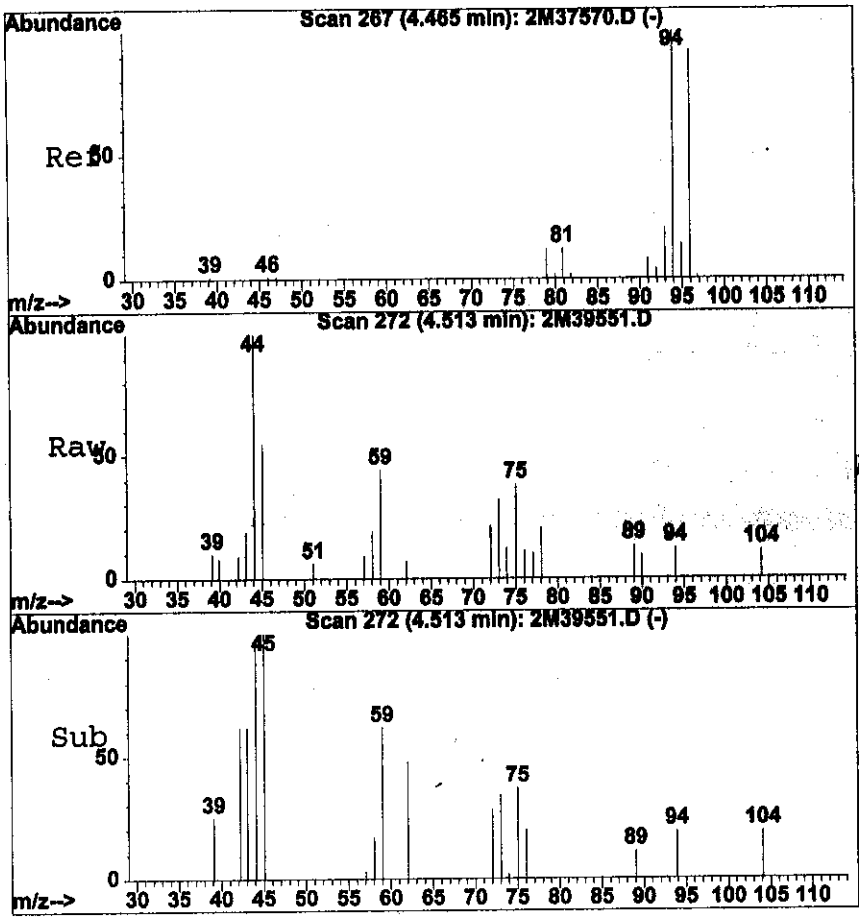
Data File : C:\HPCHEM\1\DATA\101900\2M39551.D
Acq On : 19 Oct 2000 9:15
Sample : WG86008-03 EXT BLK 100X M8260 5G/10ML
Misc : SOLID,100 (1ML/50ML)
MS Integration Params: rteint.p
Quant Time: Oct 19 9:44 2000

Vial: 4
Operator: CMS
Inst : HPMS2
Multiplr: 100.00
Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.75	96	1508494	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.21	117	1142206	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.59	152	585930	25.00	UG/L		-0.02
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	406840	21.71	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 86.84%				
33) 1,2-Dichloroethane-d4	11.19	65	371864	21.77	UG/L		-0.02
Spiked Amount 25.000	Range 80 - 120		Recovery = 87.08%				
45) Toluene-d8	14.51	98	1481137	23.20	UG/L		-0.02
Spiked Amount 25.000	Range 88 - 110		Recovery = 92.80%				
66) p-Bromofluorobenzene	19.39	95	594480	22.80	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 91.20%				
Target Compounds							Qvalue
5) Bromomethane	4.51	94	4024	~~39.97~~	UG/L	#	4
11) Acetone	6.16	43	3275	~~158.66~~	UG/L	#	51
20) n-Hexane	7.95	57	4287	~~21.23~~	UG/L		98
23) 2-Butanone	9.36	43	20197	614.76	UG/L	J	94
50) 2-Hexanone	15.17	43	1144	~~21.18~~	UG/L	#	30
76) 1,2,4-Trimethylbenzene	20.66	105	8801	~~14.13~~	UG/L		99
77) sec-Butylbenzene	20.98	105	12115	~~16.00~~	UG/L		98
78) p-Isopropyltoluene	21.21	119	11535	~~18.49~~	UG/L		98
79) 1,3-Dichlorobenzene	21.46	146	5574	~~14.73~~	UG/L		94
80) 1,4-Dichlorobenzene	21.65	146	5890	~~15.67~~	UG/L	#	42
81) n-Butylbenzene	21.97	91	20362	33.97	UG/L	J	93
82) 1,2-Dichlorobenzene	22.36	146	5505	17.08	UG/L		99
84) 1,2,4-Trichlorobenzene	25.48	180	13671	86.91	UG/L	# J	93
85) Hexachlorobutadiene	25.70	225	6895	103.23	UG/L	# J	92
86) Naphthalene	25.99	128	50788	209.89	UG/L	# J	95
87) 1,2,3-Trichlorobenzene	26.45	180	17115	152.96	UG/L	J	89

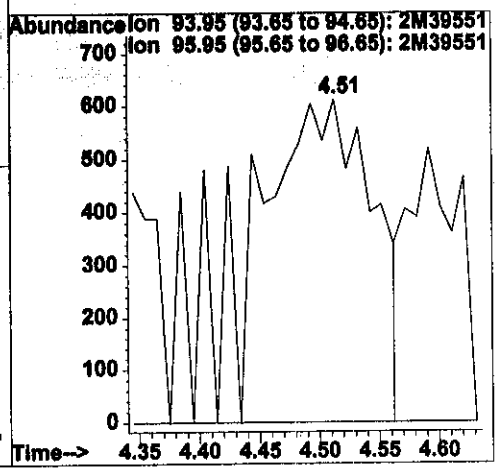
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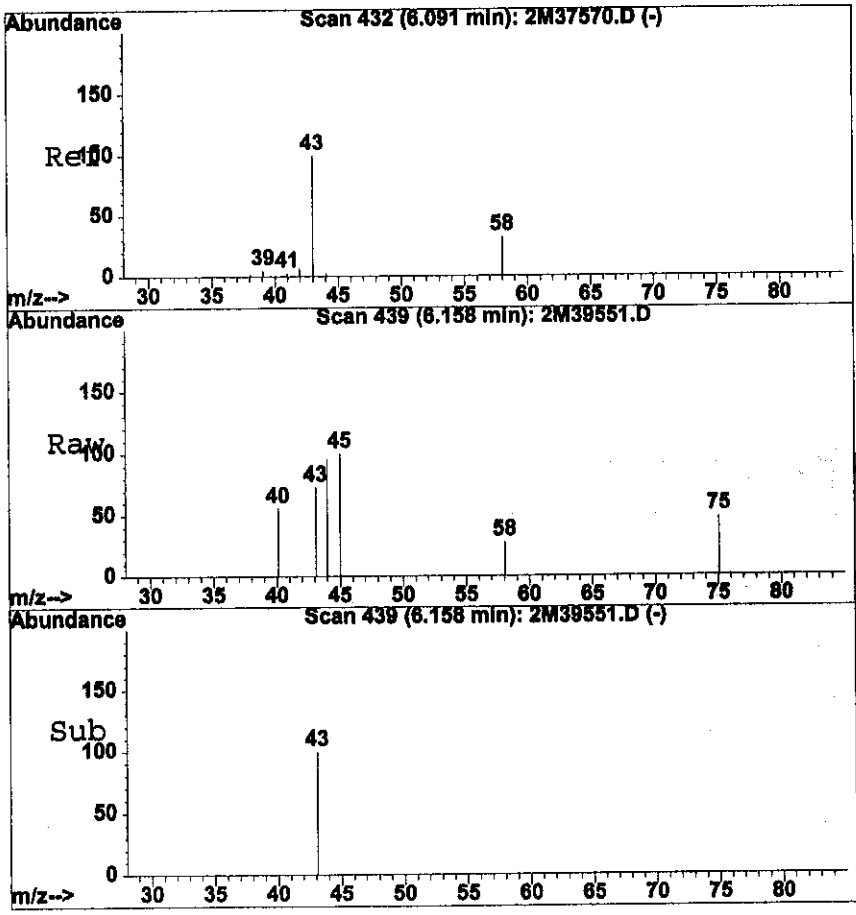


#5
Bromomethane
Concen: 39.97 UG/L
RT: 4.51 min Scan# 272
Delta R.T. 0.03 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 94 Resp: 4024

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

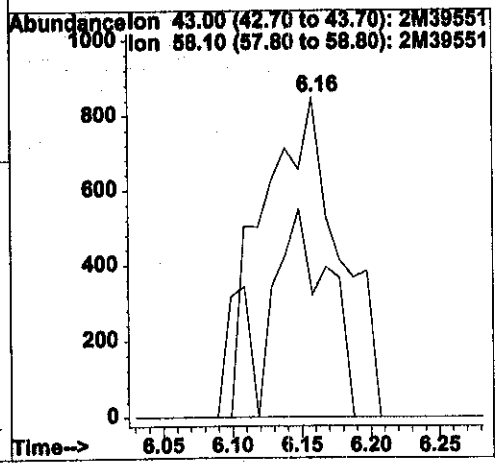


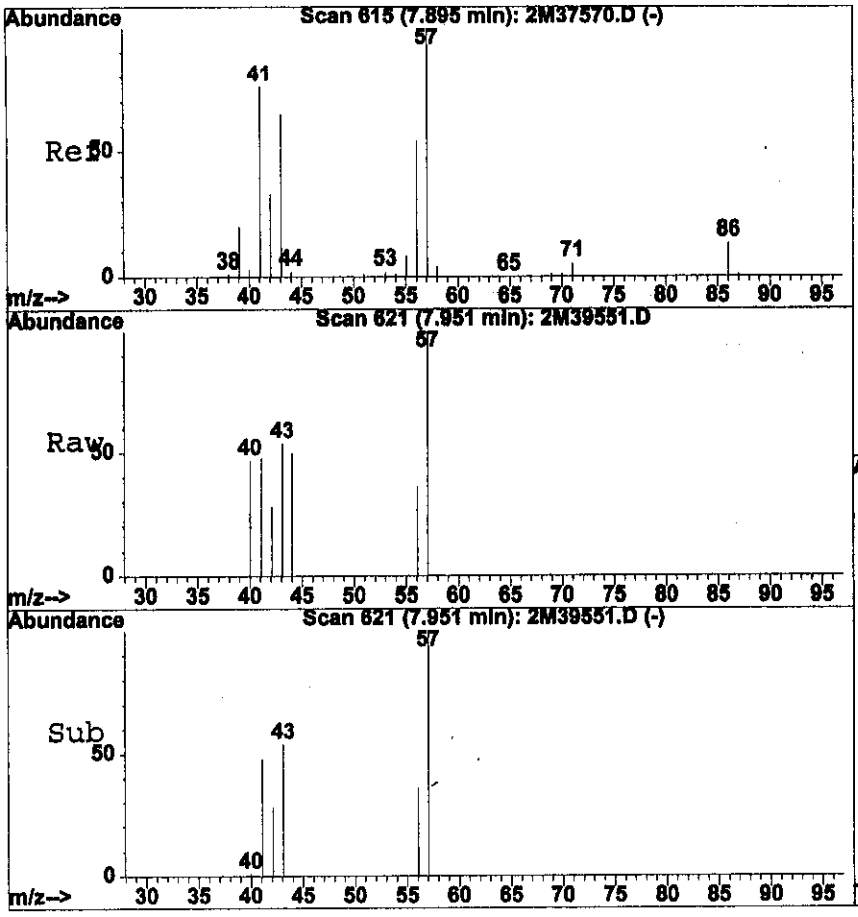


#11
Acetone
Concen: 158.66 UG/L
RT: 6.16 min Scan# 439
Delta R.T. 0.00 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 43 Resp: 3275

Ion	Ratio	Lower	Upper
43	100		
58	43.3	16.3	24.5#

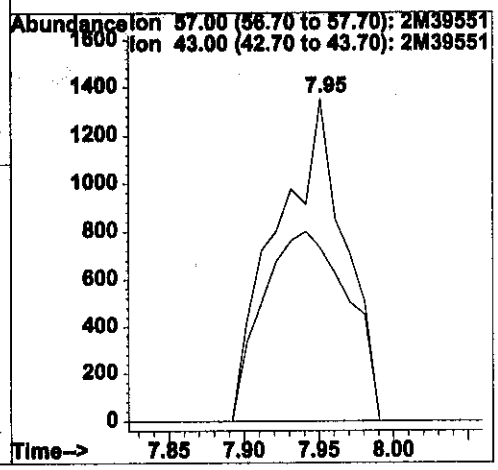


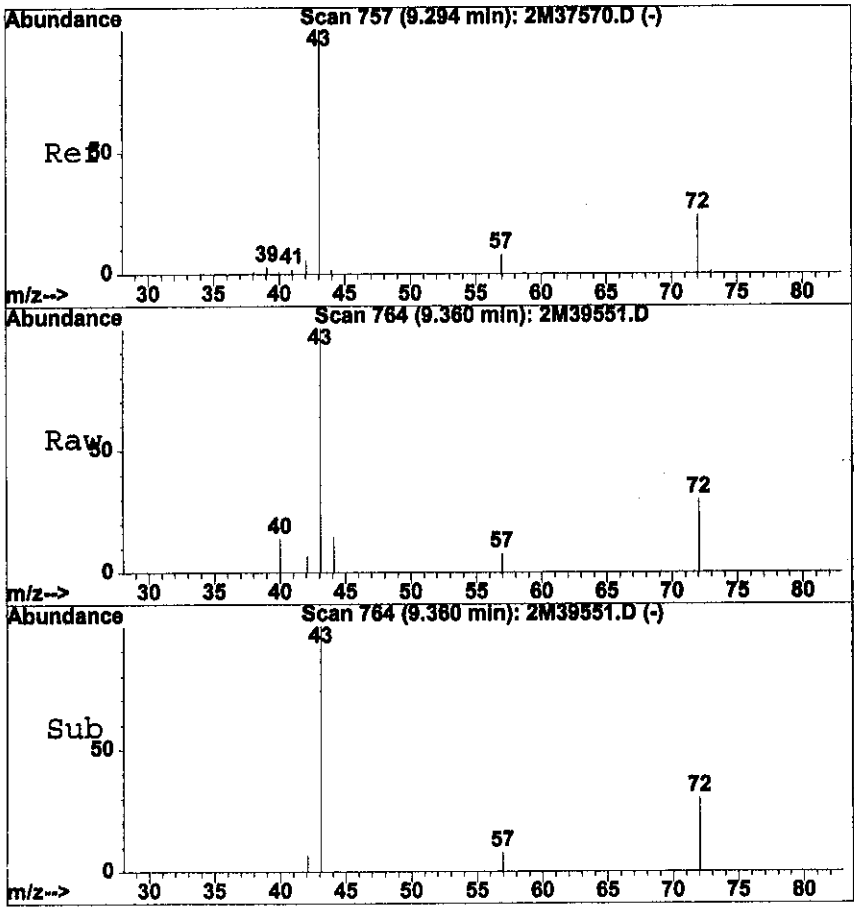


#20
n-Hexane
Concen: 21.23 UG/L
RT: 7.95 min Scan# 621
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 57 Resp: 4287

Ion	Ratio	Lower	Upper
57	100		
43	74.3	57.9	86.9

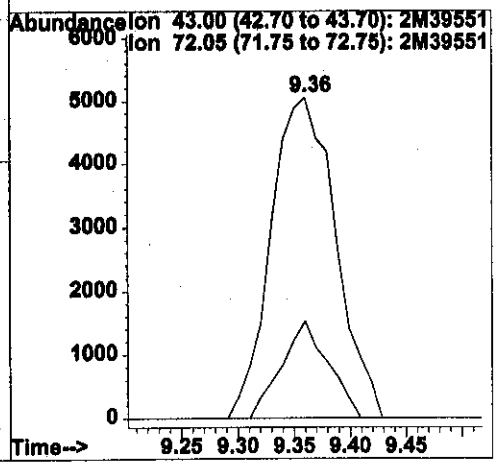


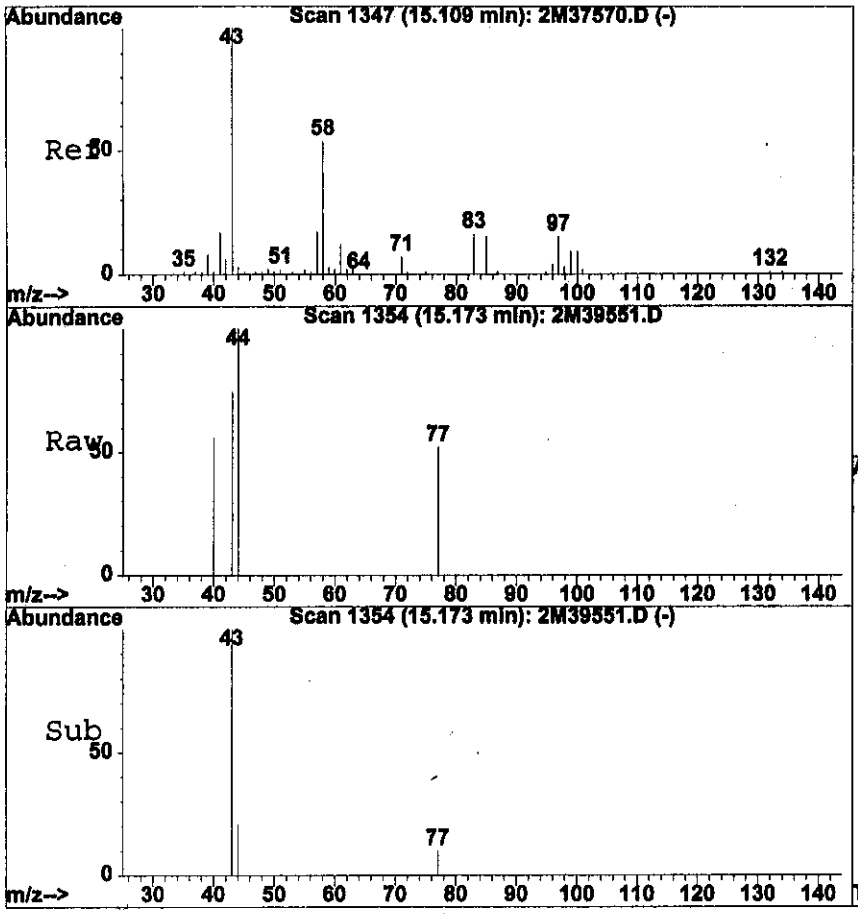


#23
2-Butanone
Concen: 614.76 UG/L
RT: 9.36 min Scan# 764
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 43 Resp: 20197

Ion	Ratio	Lower	Upper
43	100		
72	21.8	15.3	22.9

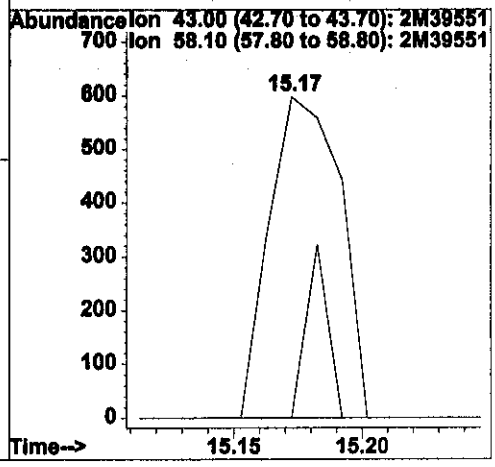


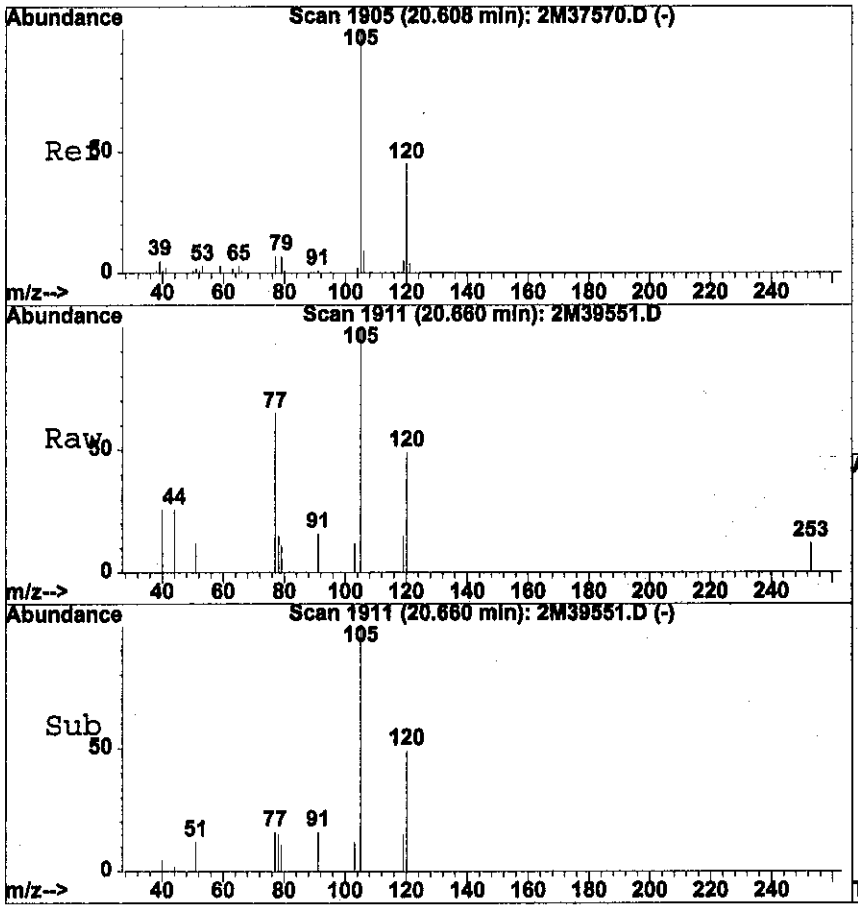


#50
2-Hexanone
Concen: 21.18 UG/L
RT: 15.17 min Scan# 1354
Delta R.T. -0.02 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 43 Resp: 1144

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.7	56.5#

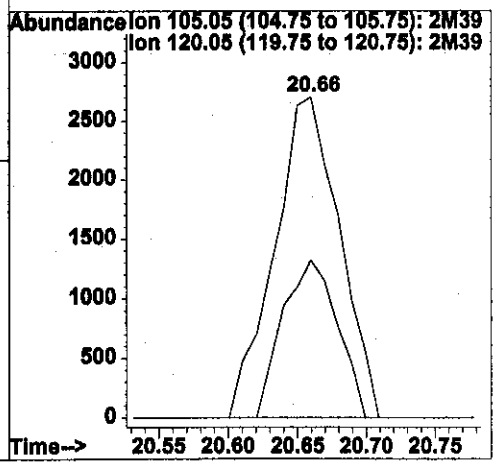


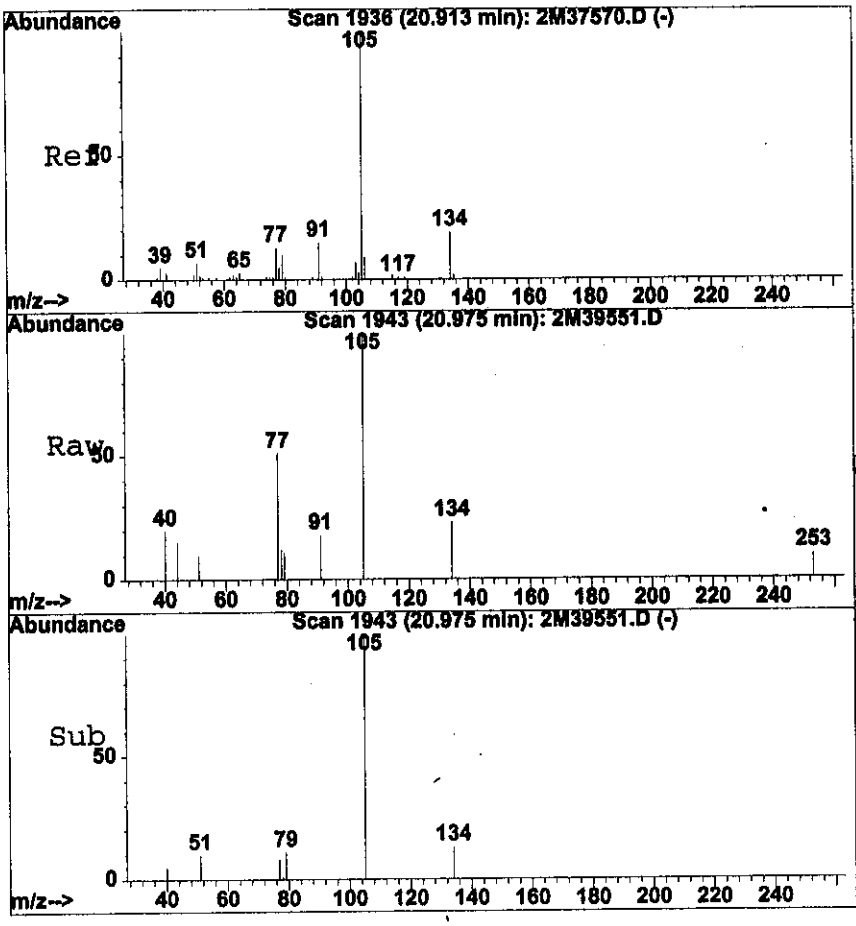


#76
1,2,4-Trimethylbenzene
Concen: 14.13 UG/L
RT: 20.66 min Scan# 1911
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:105 Resp: 8801

Ion	Ratio	Lower	Upper
105	100		
120	41.5	33.7	50.5

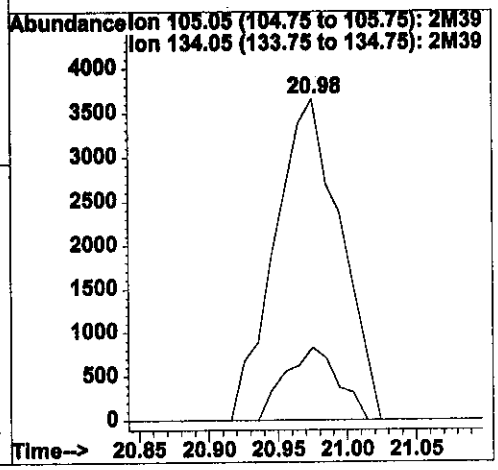


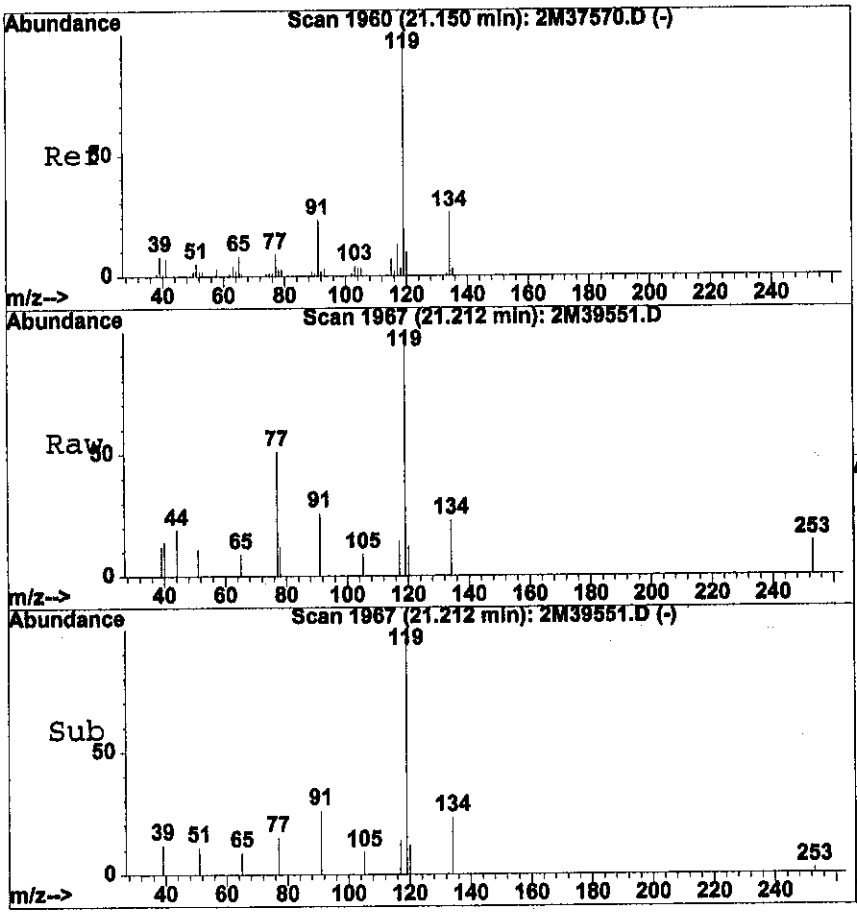


#77
sec-Butylbenzene
Concen: 16.00 UG/L
RT: 20.98 min Scan# 1943
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:105 Resp: 12115

Ion	Ratio	Lower	Upper
105	100		
134	18.2	15.4	23.0

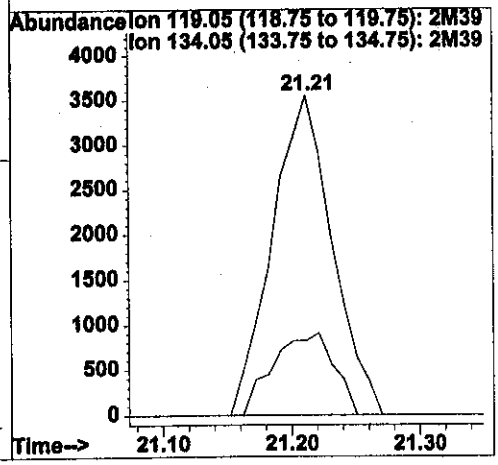


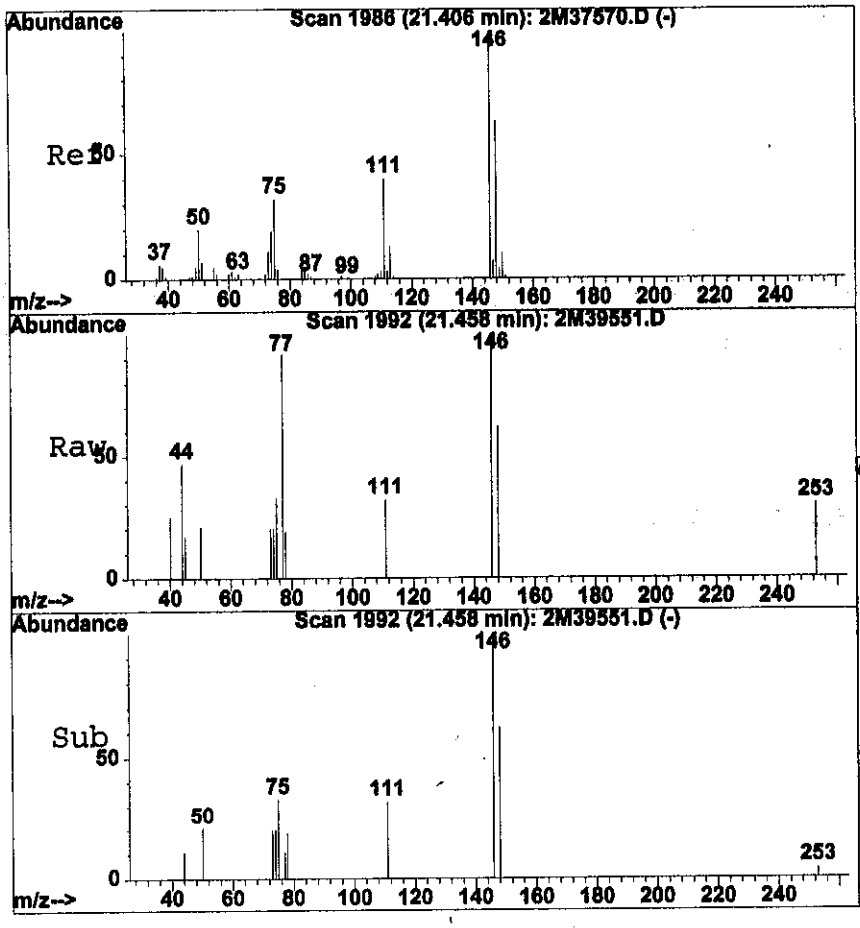


#78
p-Isopropyltoluene
Concen: 18.49 UG/L
RT: 21.21 min Scan# 1967
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:119 Resp: 11535

Ion	Ratio	Lower	Upper
119	100		
134	25.9	21.6	32.4

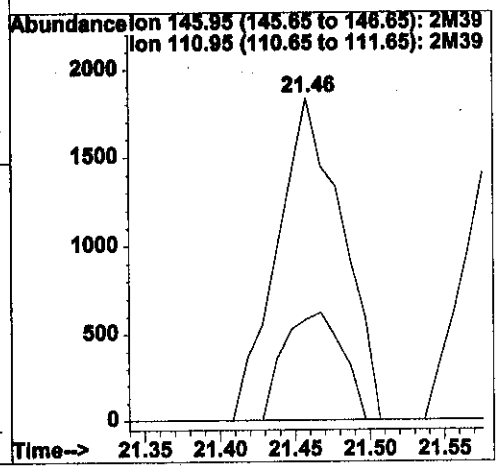


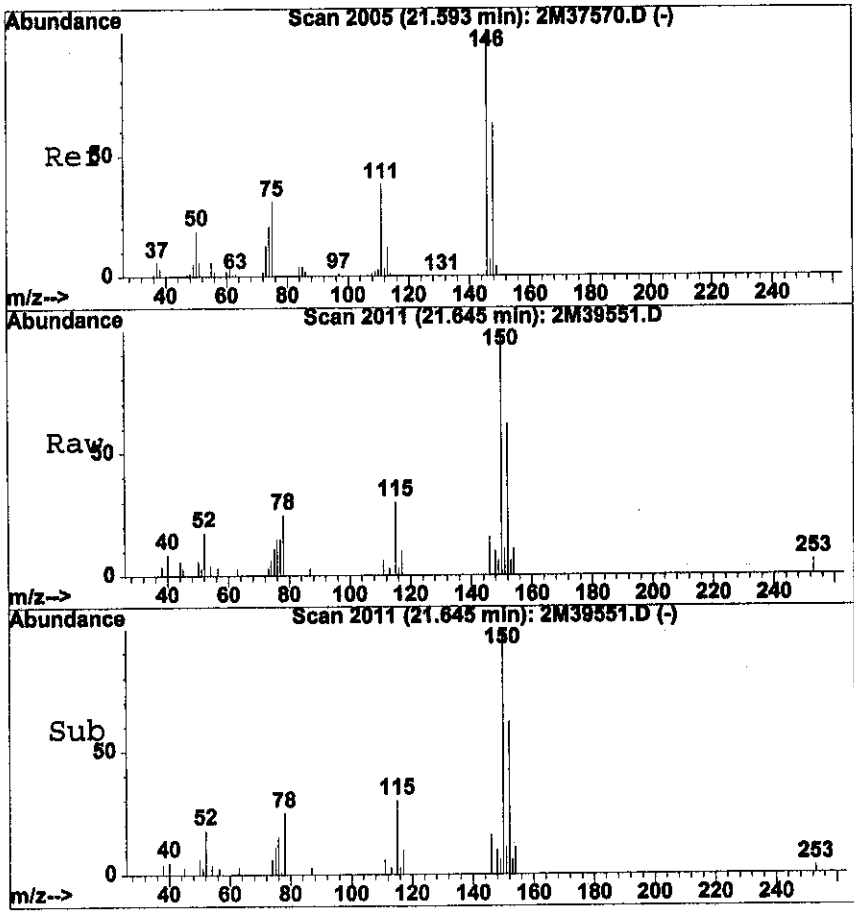


#79
1,3-Dichlorobenzene
Concen: 14.73 UG/L
RT: 21.46 min Scan# 1992
Delta R.T. -0.02 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:146 Resp: 5574

Ion	Ratio	Lower	Upper
146	100		
111	30.7	27.1	40.7

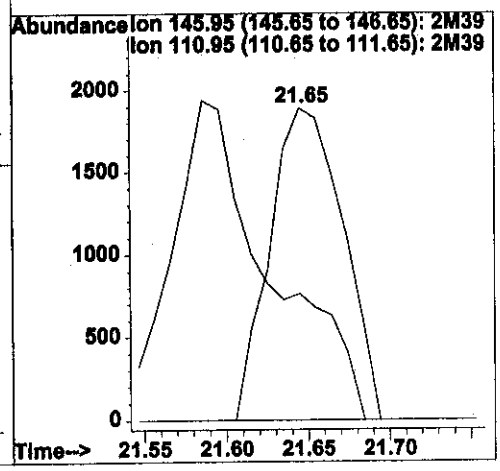


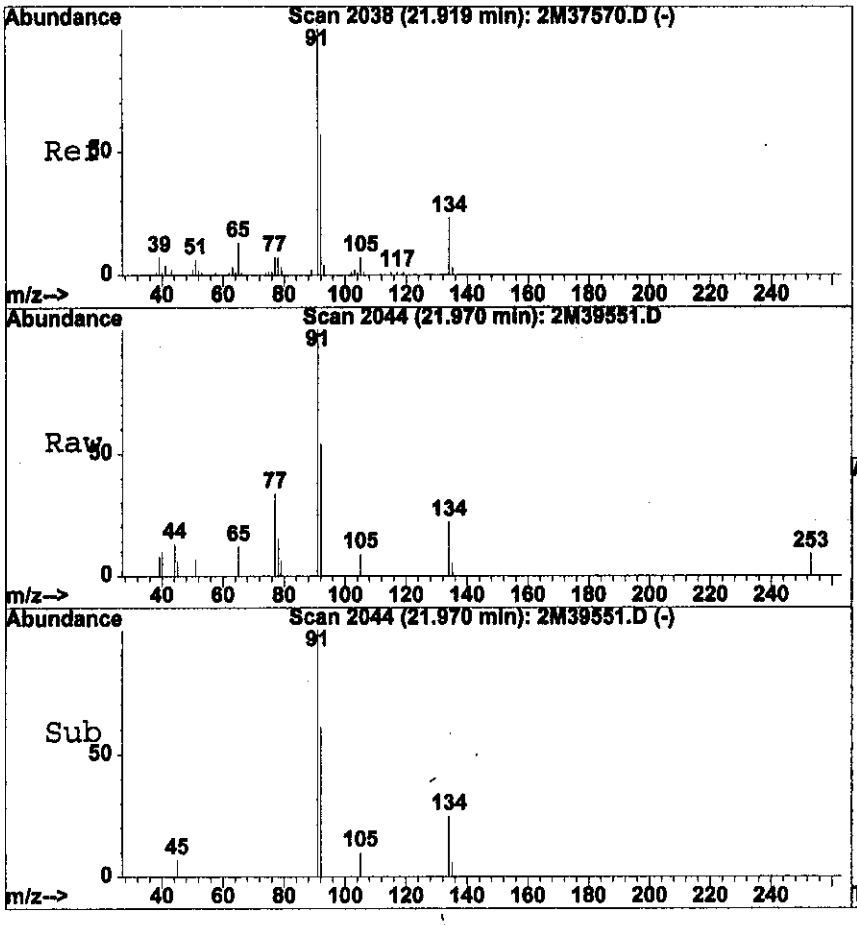


#80
1,4-Dichlorobenzene
Concen: 15.67 UG/L
RT: 21.65 min Scan# 2011
Delta R.T. -0.02 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:146 Resp: 5890

Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.3	39.5#

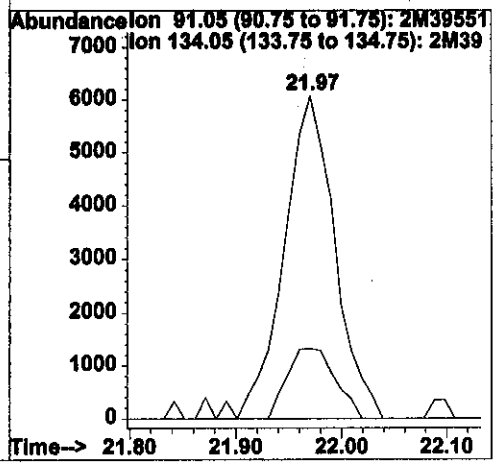


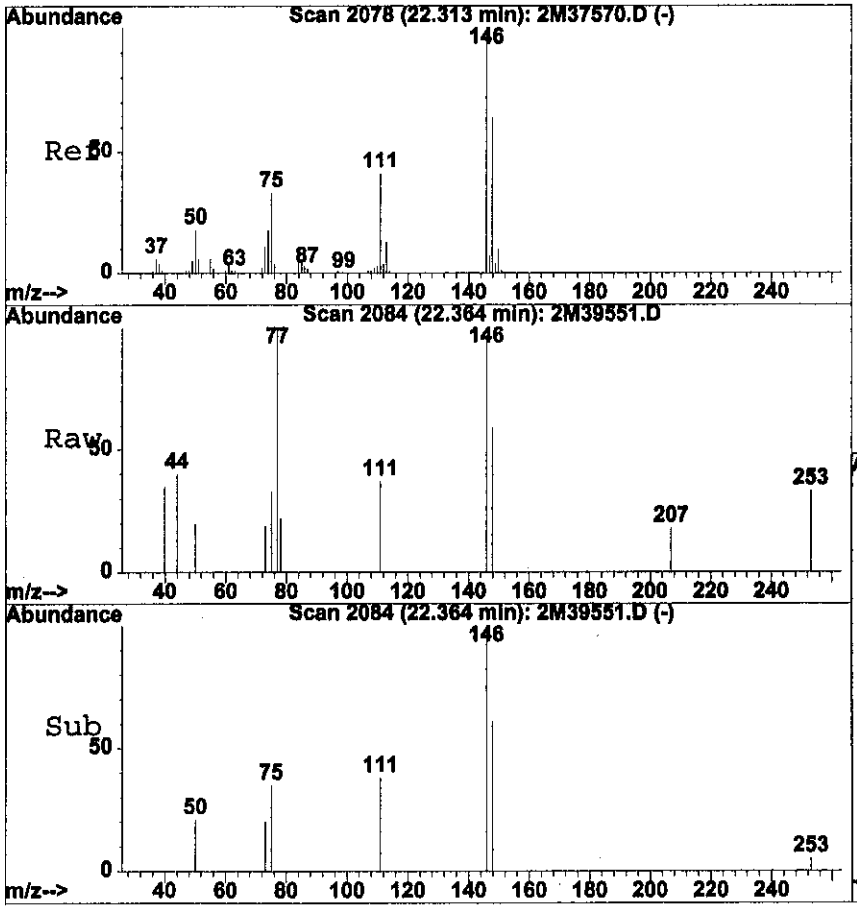


#81
n-Butylbenzene
Concen: 33.97 UG/L
RT: 21.97 min Scan# 2044
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion: 91 Resp: 20362

Ion	Ratio	Lower	Upper
91	100		
134	20.4	19.0	28.6

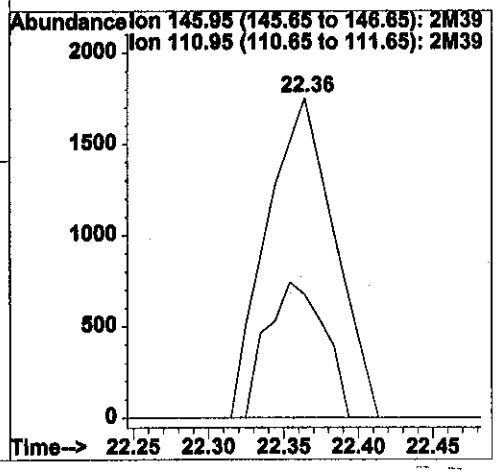


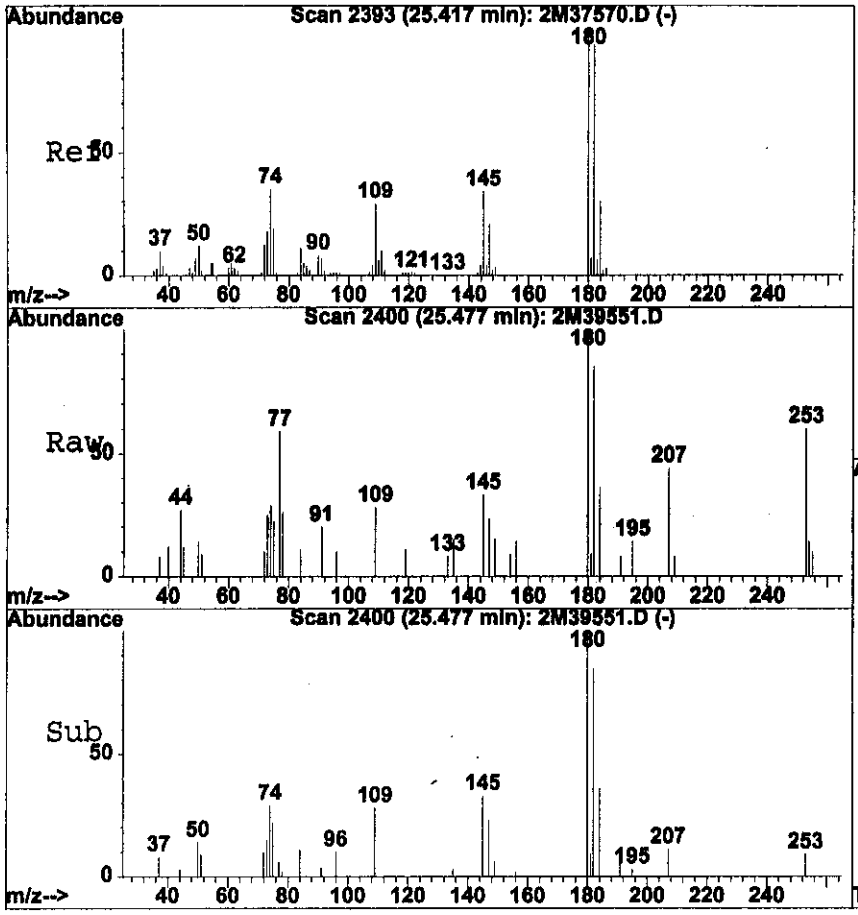


#82
1,2-Dichlorobenzene
Concen: 17.08 UG/L
RT: 22.36 min Scan# 2084
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:146 Resp: 5505

Ion	Ratio	Lower	Upper
146	100		
111	35.8	28.4	42.6

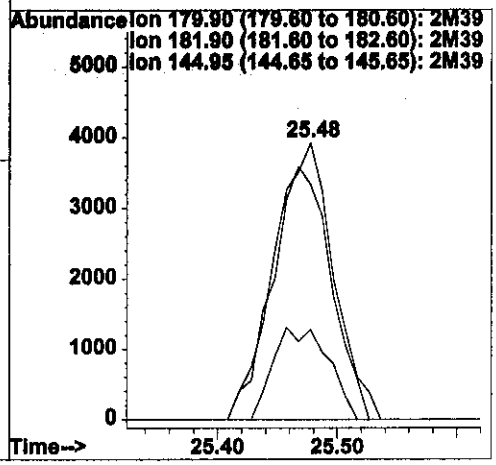


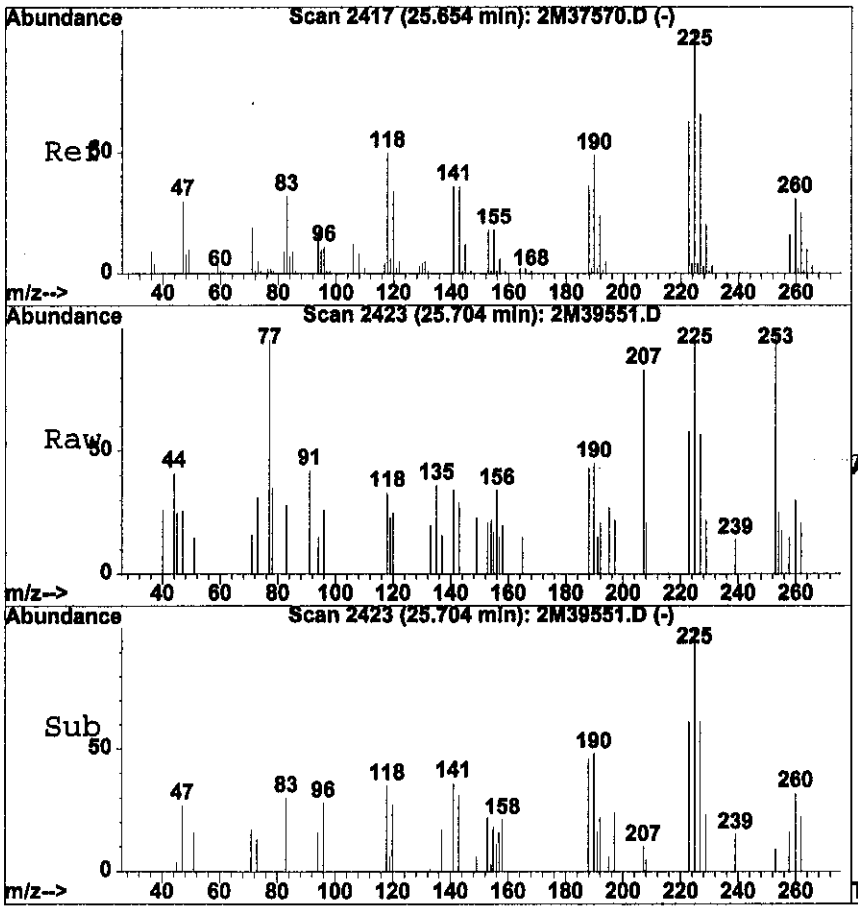


#84
1,2,4-Trichlorobenzene
Concen: 86.91 UG/L
RT: 25.48 min Scan# 2400
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:180 Resp: 13671

Ion	Ratio	Lower	Upper
180	100		
182	90.3	77.4	116.2
145	30.6	20.2	30.2#

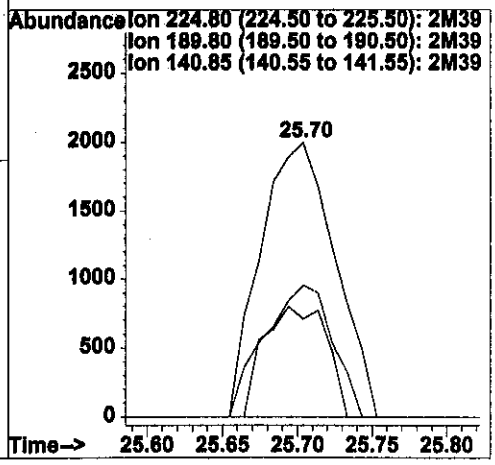


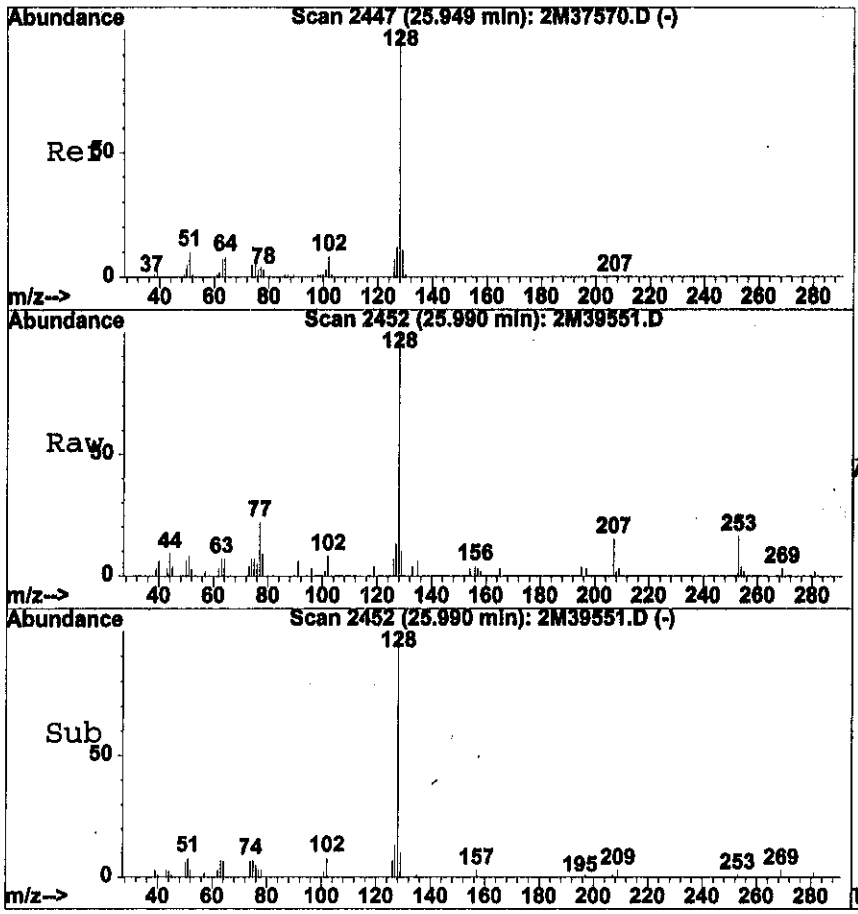


#85
Hexachlorobutadiene
Concen: 103.23 UG/L
RT: 25.70 min Scan# 2423
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:225 Resp: 6895

Ion	Ratio	Lower	Upper
225	100		
190	43.6	36.4	54.6
141	33.7	19.4	29.2#

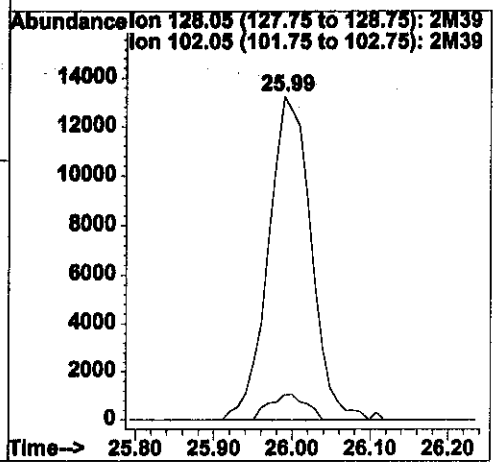


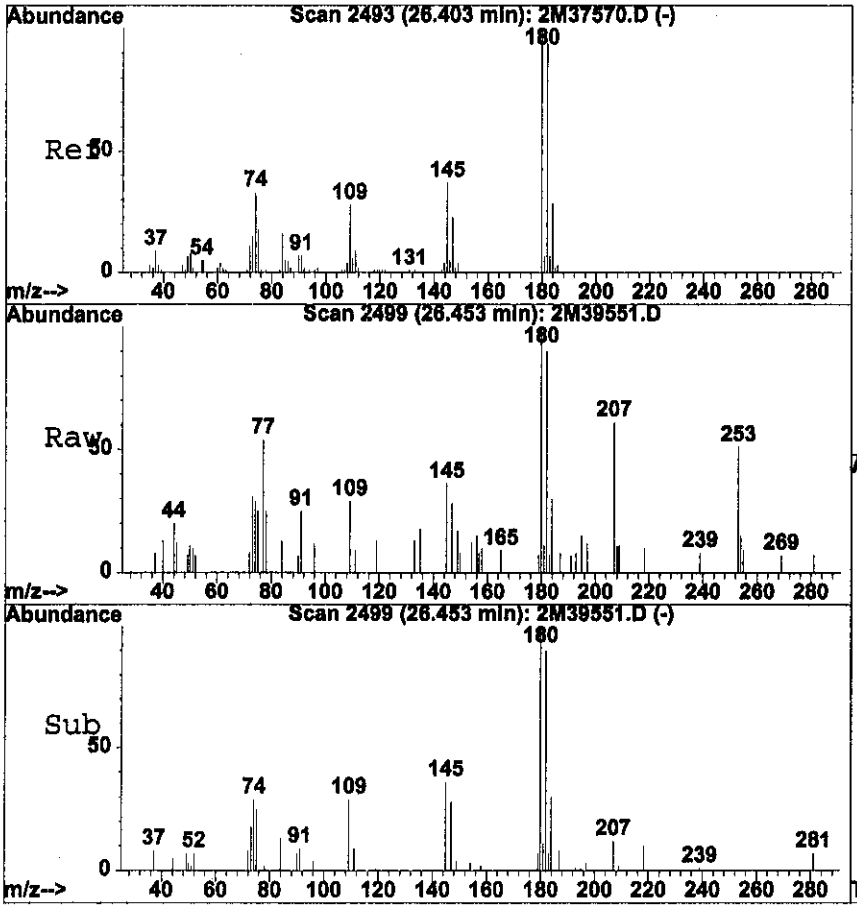


#86
Naphthalene
Concen: 209.89 UG/L
RT: 25.99 min Scan# 2452
Delta R.T. -0.02 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:128 Resp: 50788

Ion	Ratio	Lower	Upper
128	100		
102	6.9	7.0	10.6#

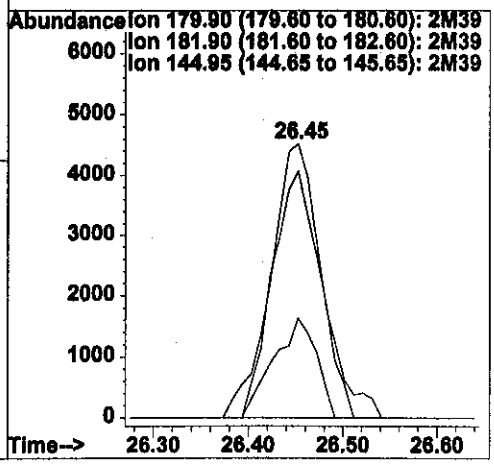




#87
1,2,3-Trichlorobenzene
Concen: 152.96 UG/L
RT: 26.45 min Scan# 2499
Delta R.T. -0.01 min
Lab File: 2M39551.D
Acq: 19 Oct 2000 9:15

Tgt Ion:180 Resp: 17115

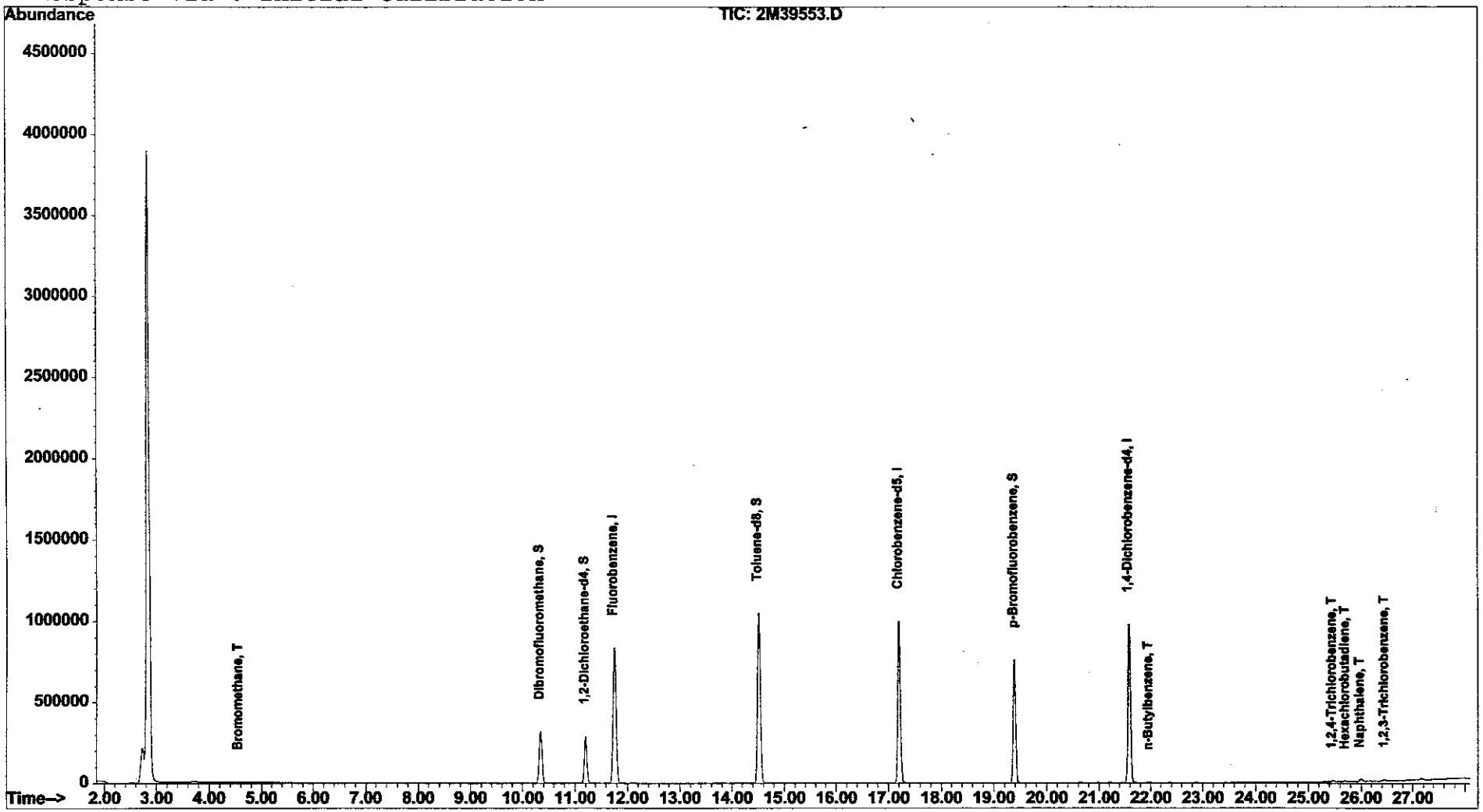
Ion	Ratio	Lower	Upper
180	100		
182	83.5	75.5	113.3
145	29.9	20.4	30.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39553.D Vial: 6
Acq On : 19 Oct 2000 10:26 Operator: CMS
Sample : WG86020-03 VBLK1019 BLANK M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:55 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration



9 8 3

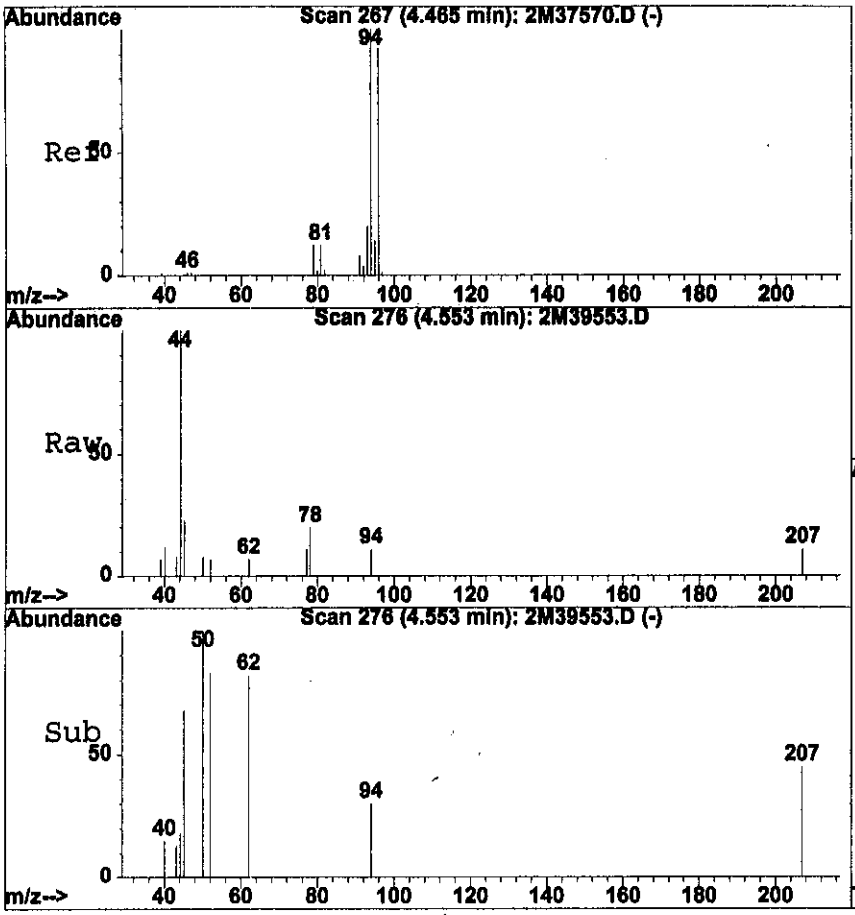
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39553.D Vial: 6
Acq On : 19 Oct 2000 10:26 Operator: CMS
Sample : WG86020-03 VBLK1019 BLANK M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:55 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1456722	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.21	117	1094254	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.59	152	542845	25.00	UG/L	-0.02
System Monitoring Compounds						
28) Dibromofluoromethane	10.35	111	396898	21.94	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 87.76%			
33) 1,2-Dichloroethane-d4	11.20	65	364872	22.12	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 88.48%			
45) Toluene-d8	14.51	98	1402931	22.94	UG/L	-0.02
Spiked Amount 25.000	Range 88 - 110		Recovery = 91.76%			
66) p-Bromofluorobenzene	19.39	95	555558	23.00	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 92.00%			
Target Compounds						Qvalue
5) Bromomethane	4.55	94	2814	~~0.29~~	~~UG/L~~ #	4
81) n-Butylbenzene	21.98	91	8836	~~0.16~~	~~UG/L~~	94
84) 1,2,4-Trichlorobenzene	25.47	180	6607	0.45	UG/L J	85
85) Hexachlorobutadiene	25.70	225	2880	~~0.47~~	~~UG/L~~ #	38
86) Naphthalene	25.99	128	25642	1.14	UG/L # J	93
87) 1,2,3-Trichlorobenzene	26.45	180	7454	0.72	UG/L J	90

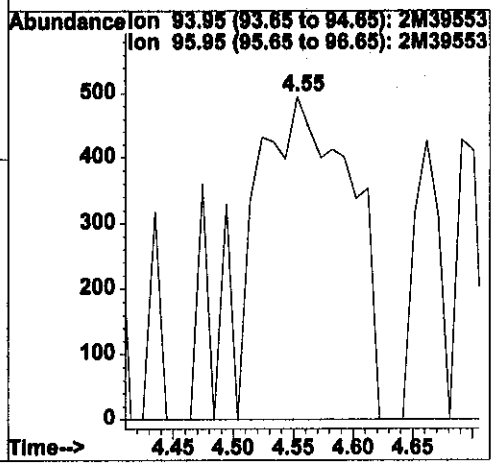
(#) = qualifier out of range (m) = manual integration

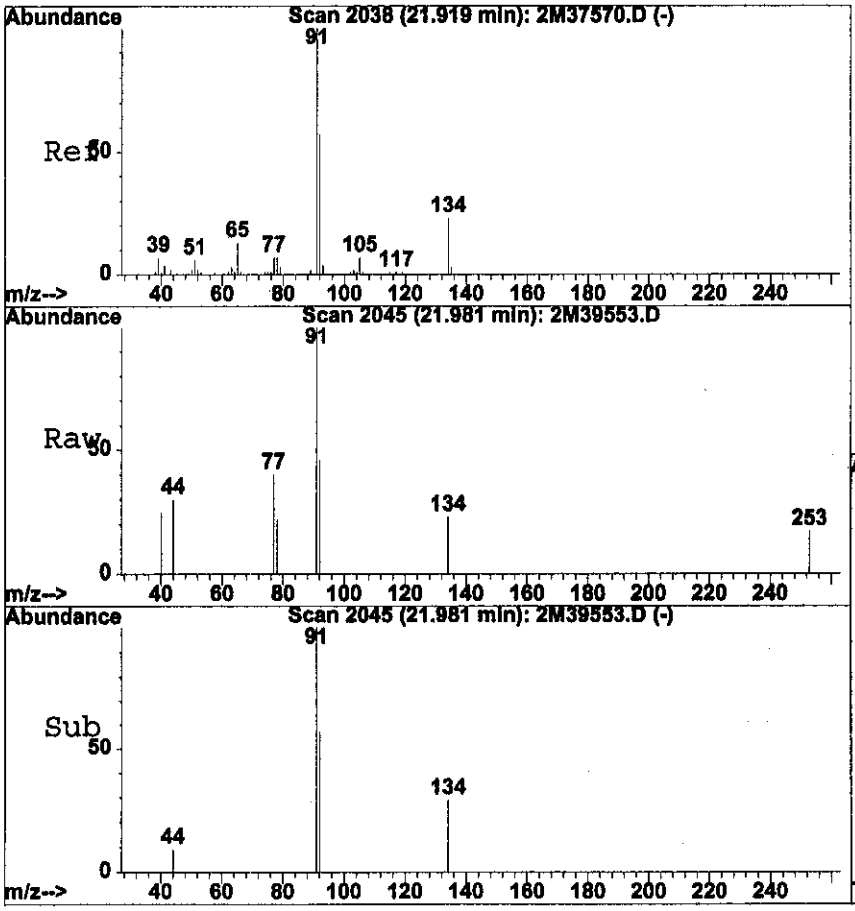


#5
Bromomethane
Concen: 0.29 UG/L
RT: 4.55 min Scan# 276
Delta R.T. 0.07 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion: 94 Resp: 2814

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

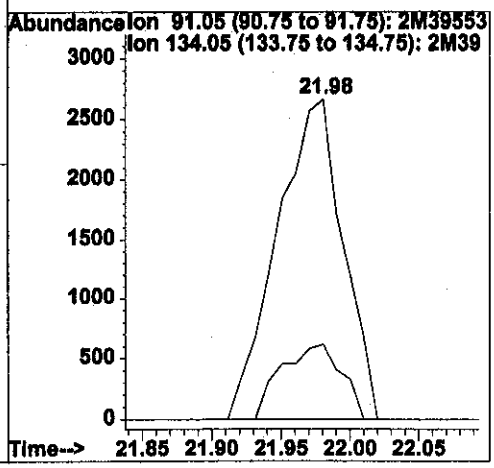


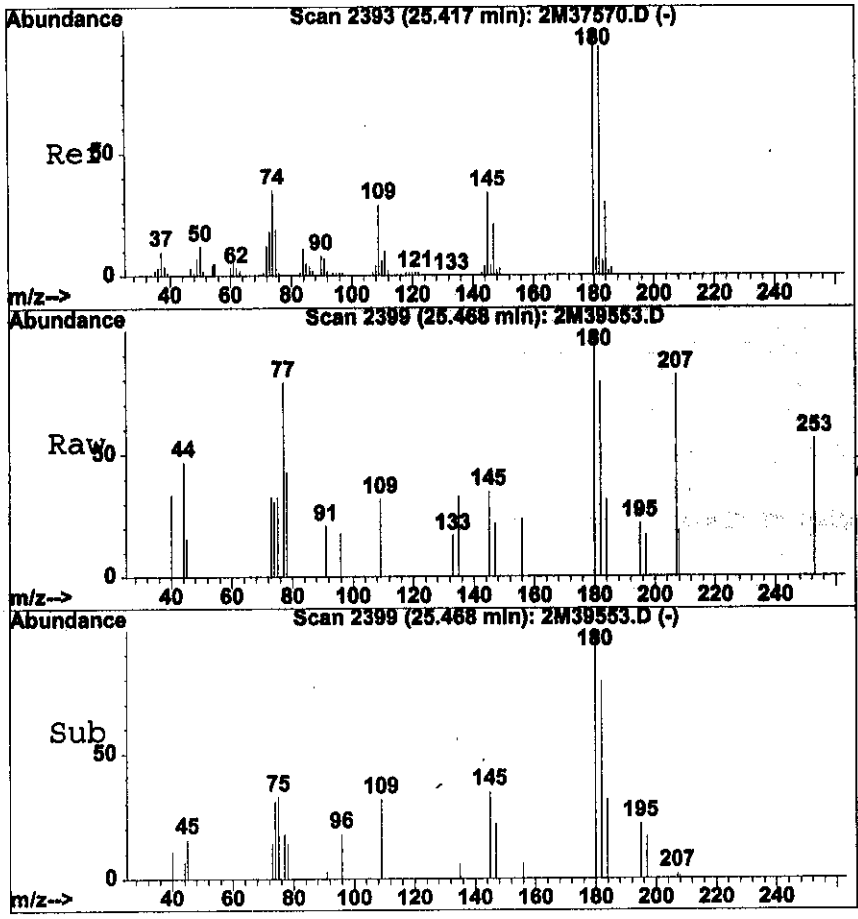


#81
n-Butylbenzene
Concen: 0.16 UG/L
RT: 21.98 min Scan# 2045
Delta R.T. 0.00 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion: 91 Resp: 8836

Ion	Ratio	Lower	Upper
91	100		
134	21.1	19.0	28.6

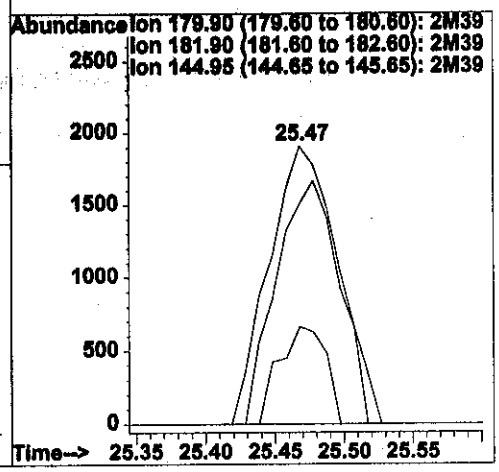


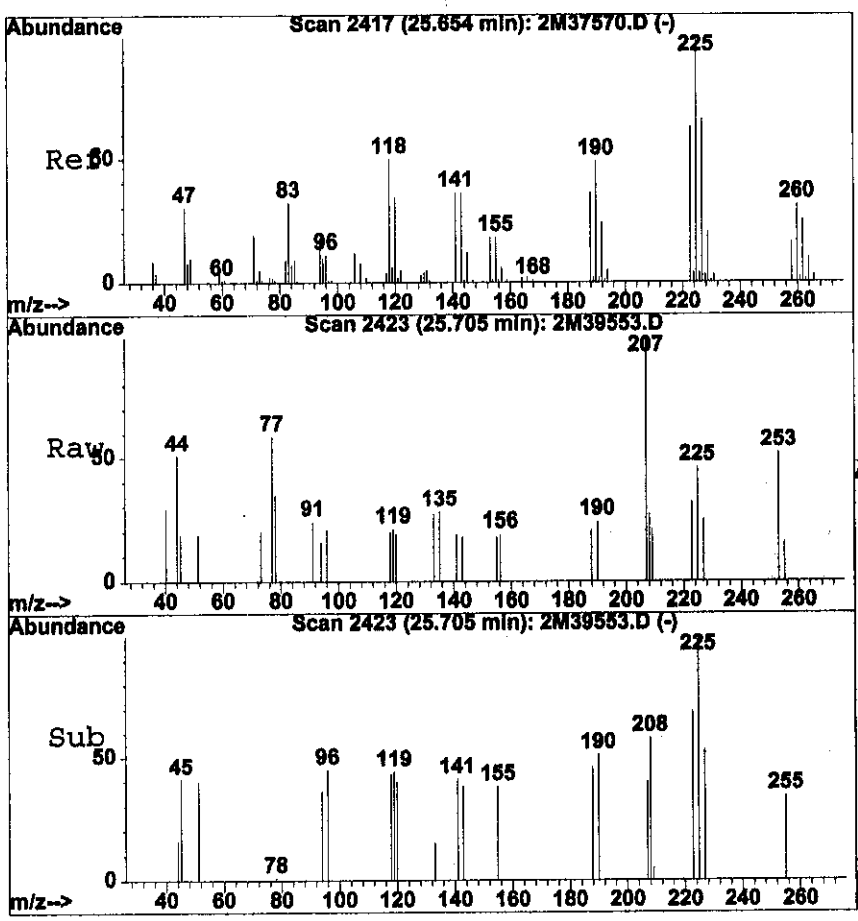


#84
1,2,4-Trichlorobenzene
Concen: 0.45 UG/L
RT: 25.47 min Scan# 2399
Delta R.T. -0.02 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion:180 Resp: 6607

Ion	Ratio	Lower	Upper
180	100		
182	79.6	77.4	116.2
145	23.6	20.2	30.2

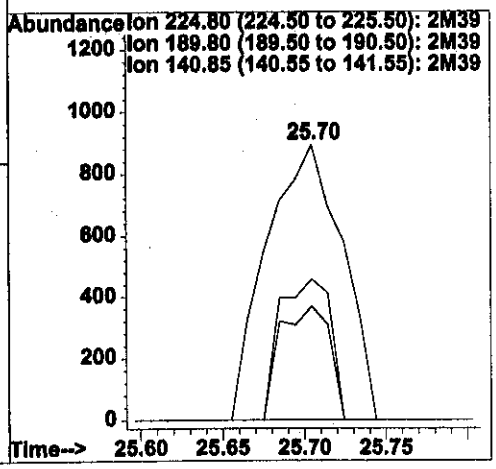


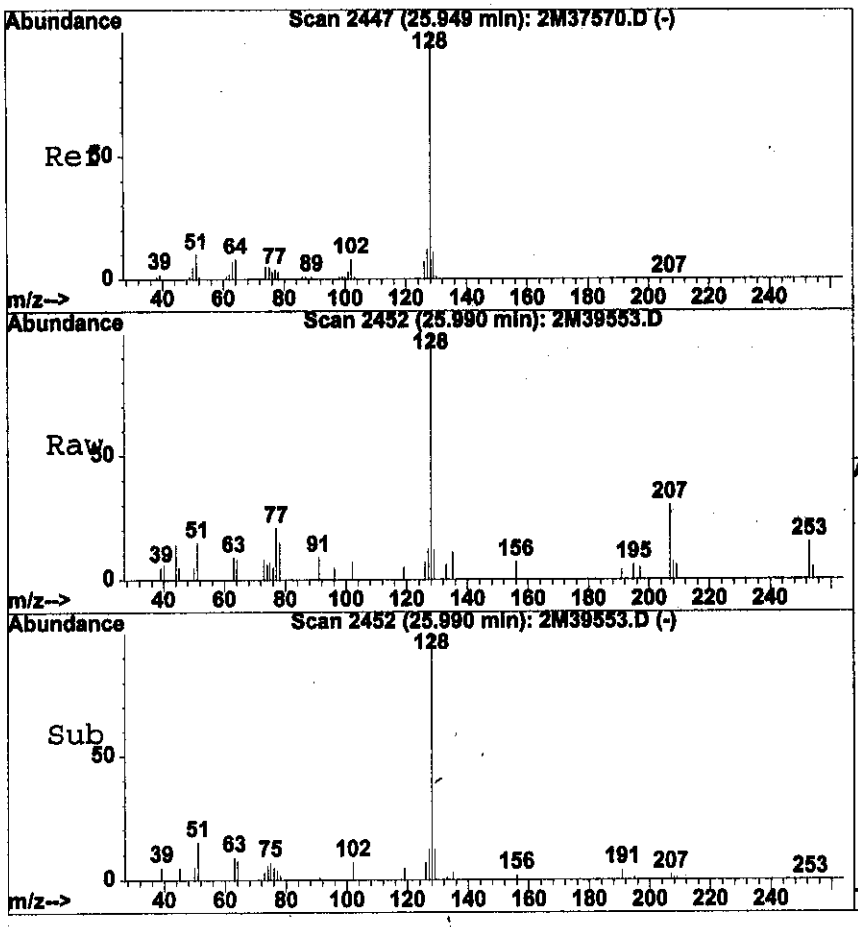


#85
Hexachlorobutadiene
Concen: 0.47 UG/L
RT: 25.70 min Scan# 2423
Delta R.T. -0.01 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion:225 Resp: 2880

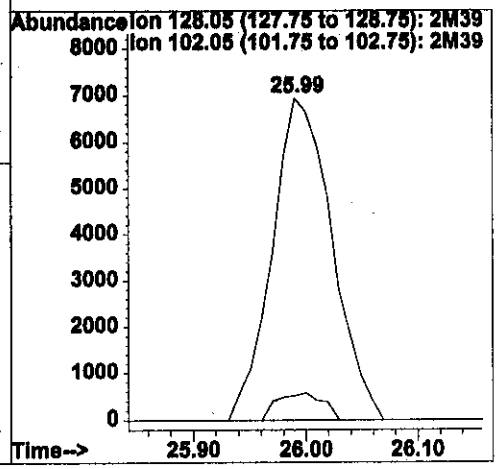
Ion	Ratio	Lower	Upper
225	100		
190	0.0	36.4	54.6#
141	0.0	19.4	29.2#

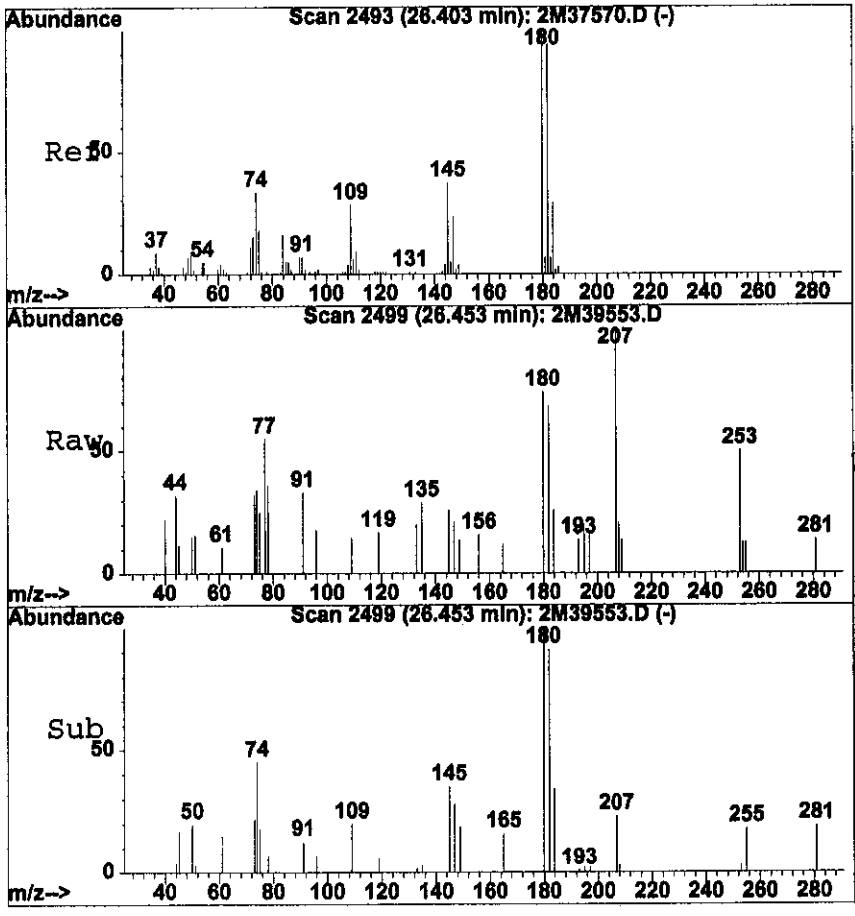




#86
Naphthalene
Concen: 1.14 UG/L
RT: 25.99 min Scan# 2452
Delta R.T. -0.02 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

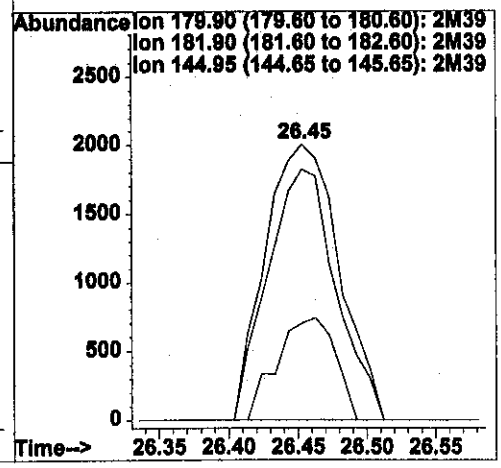
Tgt Ion:128	Resp:	25642	
Ion	Ratio	Lower	Upper
128	100		
102	6.3	7.0	10.6#





#87
1,2,3-Trichlorobenzene
Concen: 0.72 UG/L
RT: 26.45 min Scan# 2499
Delta R.T. -0.01 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion:180	Resp:	7454	
Ion	Ratio	Lower	Upper
180	100		
182	83.8	75.5	113.3
145	29.2	20.4	30.6



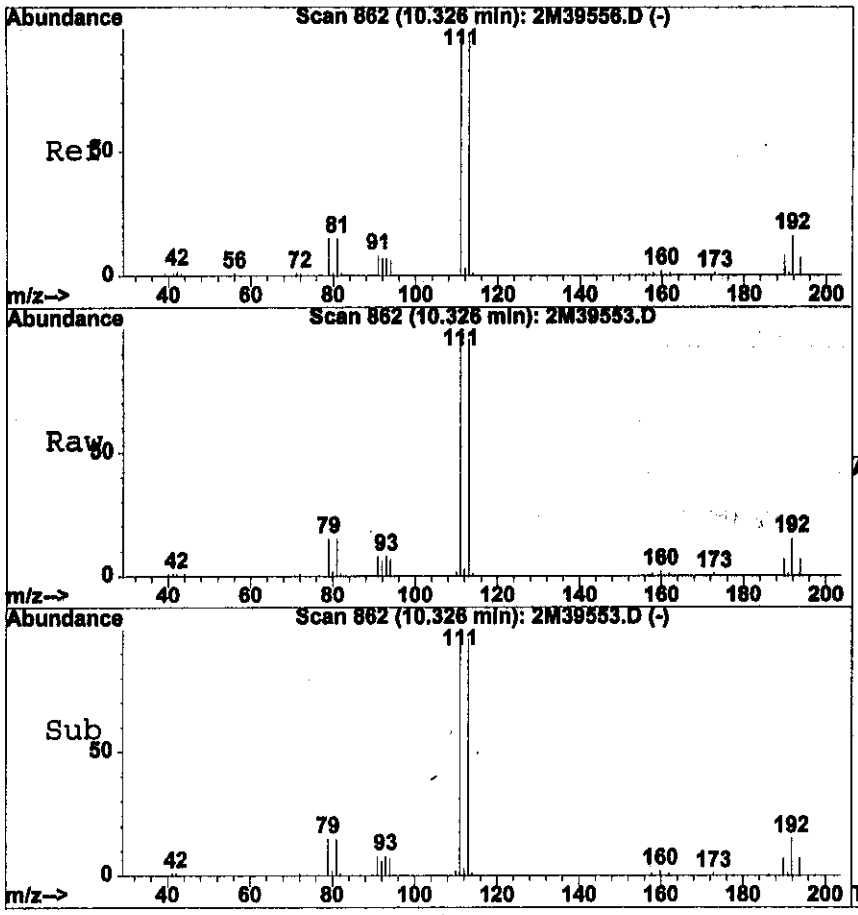
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39553.D Vial: 6
Acq On : 19 Oct 2000 10:26 Operator: CMS
Sample : WG86020-03 VBLK1019 BLANK M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 14:32 2000 Quant Results File: A98260.RES

Quant Method : C:\HPCHEM\1\METHODS\A98260.M (RTE Integrator)
Title : Appendix IX Water - IC: 03/03/00
Last Update : Thu Sep 21 12:12:32 2000
Response via : Continuing Cal File: C:\HPCHEM\1\DATA\101900\2M39556.D
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1456722	25.00	ug/L	0.02
11) Chlorobenzene-d5	17.21	117	1094254	25.00	ug/L	0.00
12) 1,4-Dichlorobenzene-d4	21.59	152	542845	25.00	ug/L	0.00
System Monitoring Compounds						
Target Compounds						Qvalue
8) Isobutyl Alcohol	10.33	43	402	~~22.14~~	ug/L	#(SS) 100

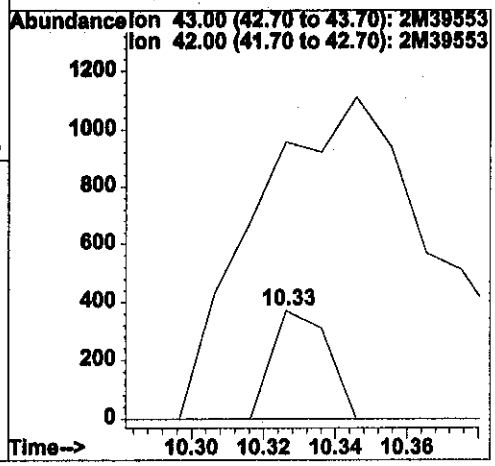
(#) = qualifier out of range (m) = manual integration



#8
Isobutyl Alcohol
Concen: 22.14 ug/L
RT: 10.33 min Scan# 862
Delta R.T. 0.01 min
Lab File: 2M39553.D
Acq: 19 Oct 2000 10:26

Tgt Ion: 43 Resp: 402

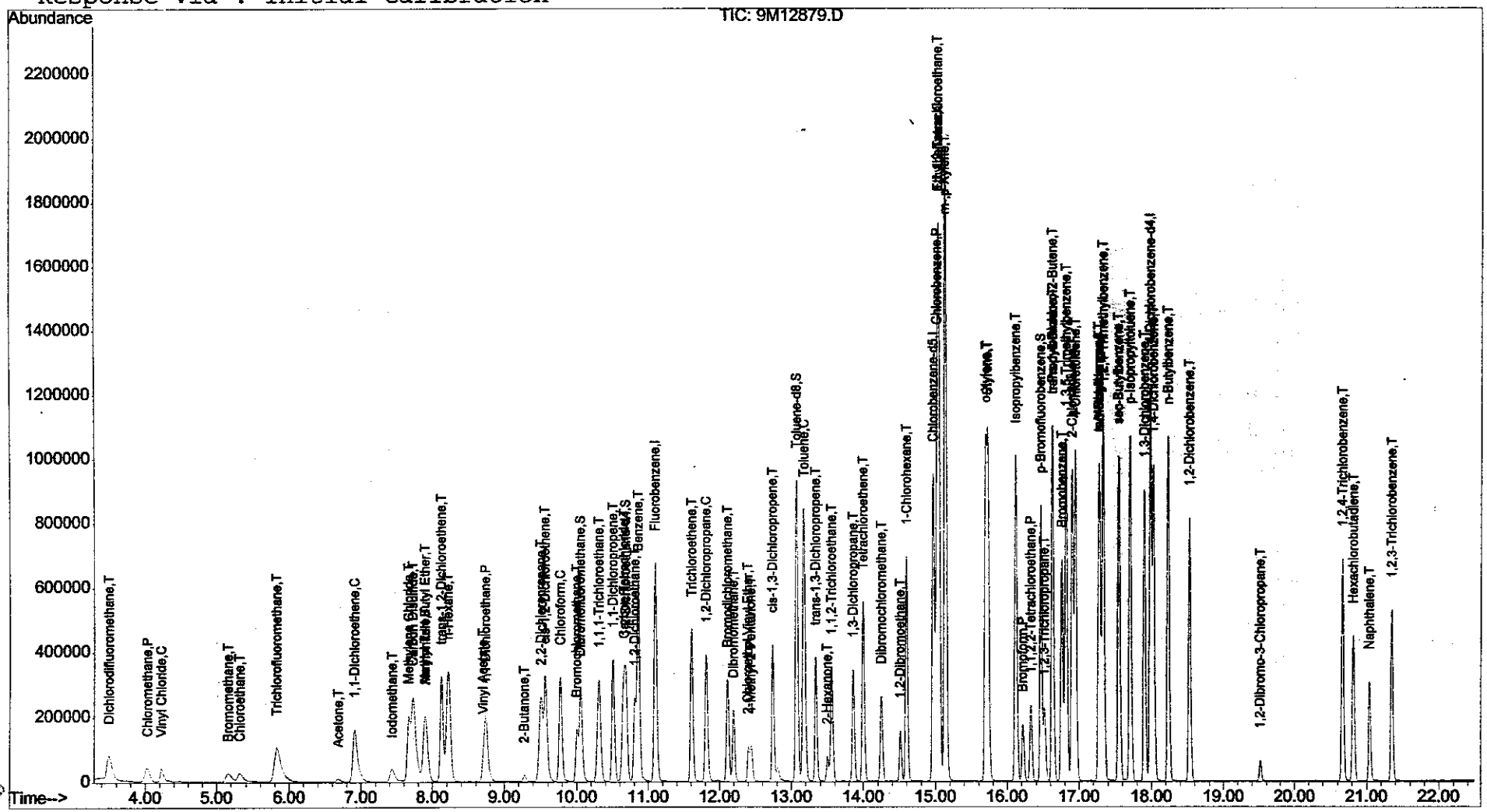
Ion	Ratio	Lower	Upper
43	100		
42	947.3	0.0	40.0#



Quantitation Report

Data File : D:\HPCHEM\1\DATA\101600\9M12879.D Vial: 4
Acq On : 16 Oct 2000 16:01 Operator: RSS
Sample : WG85809-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 16:24 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12879.D Vial: 4
Acq On : 16 Oct 2000 16:01 Operator: RSS
Sample : WG85809-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 16:24 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.10	96	844815	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.97	117	688439	25.00	ug/L	-0.01
64) 1,4-Dichlorobenzene-d4	18.00	152	436924	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	10.06	111	241764	25.08	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 100.32%			
33) 1,2-Dichloroethane-d4	10.69	65	241069	25.47	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 101.88%			
45) Toluene-d8	13.08	98	870872	25.58	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 102.32%			
66) p-Bromofluorobenzene	16.47	95	384478	26.02	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 104.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	209184	21.04	ug/L #	79
3) Chloromethane	4.02	50	130649	30.59	ug/L	99
4) Vinyl Chloride	4.22	62	82175	25.84	ug/L	97
5) Bromomethane	5.16	94	62017	16.88	ug/L	99
6) Chloroethane	5.32	64	76667	24.22	ug/L	99
7) Trichlorofluoromethane	5.82	101	340770	20.40	ug/L	98
11) Acetone	6.68	43	27897	17.78	ug/L	95
12) 1,1-Dichloroethene	6.91	96	155932	19.59	ug/L	96
14) Iodomethane	7.43	142	90990	24.28	ug/L	89
15) Methylene Chloride	7.68	84	192241	20.58	ug/L	99
16) Carbon Disulfide	7.73	76	734820	26.84	ug/L	100
17) Acrylonitrile	7.90	53	6160	2.98	ug/L #	16
18) Methyl Tert Butyl Ether	7.90	73	377539	21.84	ug/L	100
19) trans-1,2-Dichloroethene	8.13	96	198632	22.71	ug/L	99
20) n-Hexane	8.22	57	318591	25.72	ug/L	99
21) Vinyl Acetate	8.70	43	108446	13.38	ug/L	99
22) 1,1-Dichloroethane	8.74	63	379778	23.00	ug/L	99
23) 2-Butanone	9.28	43	37828	19.14	ug/L	100
24) 2,2-Dichloropropane	9.51	77	305976	24.39	ug/L	98
25) cis-1,2-Dichloroethene	9.57	96	216344	22.02	ug/L	99
26) Chloroform	9.78	83	387469	23.17	ug/L	99
27) Bromochloromethane	10.01	128	72812	18.37	ug/L	96
29) 1,1,1-Trichloroethane	10.31	97	347400	22.39	ug/L	100
31) 1,1-Dichloropropene	10.51	75	250619	25.48	ug/L	97
32) Carbon Tetrachloride	10.66	117	320976	22.57	ug/L	100
34) 1,2-Dichloroethane	10.81	62	267620	22.99	ug/L	97
35) Benzene	10.86	78	789081	22.72	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12879.D Vial: 4
Acq On : 16 Oct 2000 16:01 Operator: RSS
Sample : WG85809-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 16:24 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Trichloroethene	11.61	130	203711	21.55	ug/L		100
37)	1,2-Dichloropropane	11.82	63	199355	22.58	ug/L		93
38)	Bromodichloromethane	12.12	83	279998	23.29	ug/L		99
39)	Dibromomethane	12.20	93	101992	22.56	ug/L		98
40)	2-Chloroethyl Vinyl Ether	12.40	63	50913	4.39	ug/L		100
41)	4-Methyl-2-Pentanone	12.44	58	40495	19.81	ug/L		99
42)	cis-1,3-Dichloropropene	12.75	75	300653	24.38	ug/L		98
46)	Toluene	13.18	91	861493	22.43	ug/L		99
48)	trans-1,3-Dichloropropene	13.34	75	260123	21.36	ug/L		98
49)	1,1,2-Trichloroethane	13.56	97	149394	20.46	ug/L		100
50)	2-Hexanone	13.50	43	64218	19.96	ug/L		97
51)	1,3-Dichloropropane	13.86	76	251314	21.29	ug/L		94
52)	Tetrachloroethene	14.00	164	179442	20.91	ug/L		97
53)	Dibromochloromethane	14.26	129	186920	19.97	ug/L		100
54)	1,2-Dibromoethane	14.51	107	130003	19.77	ug/L		99
55)	1-Chlorohexane	14.60	91	298837	21.22	ug/L		100
56)	Chlorobenzene	15.02	112	615994	20.49	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.05	131	221441	21.67	ug/L		100
58)	Ethylbenzene	15.05	106	324393	21.89	ug/L		100
59)	m-,p-Xylene	15.14	106	812382	41.30	ug/L		98
60)	o-Xylene	15.70	106	392898	19.49	ug/L		100
61)	Styrene	15.73	104	674833	19.59	ug/L		99
62)	Bromoform	16.22	173	111991	17.22	ug/L		100
63)	Isopropylbenzene	16.12	105	965508	18.12	ug/L		100
65)	1,1,2,2-Tetrachloroethane	16.33	83	158089	19.98	ug/L		100
67)	1,2,3-Trichloropropane	16.52	110	49862	17.19	ug/L	#	32
68)	trans-1,4-Dichloro-2-Buten	16.63	53	5588	2.64	ug/L	#	1
69)	n-Propylbenzene	16.64	91	1243388	18.76	ug/L		100
70)	Bromobenzene	16.76	156	267072	19.98	ug/L		99
71)	1,3,5-Trimethylbenzene	16.82	105	875118	18.37	ug/L		100
72)	2-Chlorotoluene	16.91	91	770028	21.46	ug/L		97
73)	4-Chlorotoluene	16.96	91	819514	21.49	ug/L		97
74)	a-Methylstyrene	17.29	118	11568	0.51	ug/L	#	1
75)	tert-Butylbenzene	17.28	119	746596	20.32	ug/L		91
76)	1,2,4-Trimethylbenzene	17.34	105	927414	21.63	ug/L		99
77)	sec-Butylbenzene	17.55	105	1039206	20.11	ug/L		100
78)	p-Isopropyltoluene	17.71	119	890501	17.10	ug/L		100
79)	1,3-Dichlorobenzene	17.91	146	515847	19.50	ug/L		98
80)	1,4-Dichlorobenzene	18.04	146	528132	19.68	ug/L		97
81)	n-Butylbenzene	18.24	91	848119	21.31	ug/L		99
82)	1,2-Dichlorobenzene	18.54	146	463315	18.96	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101600\9M12879.D Vial: 4
Acq On : 16 Oct 2000 16:01 Operator: RSS
Sample : WG85809-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 16 16:24 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

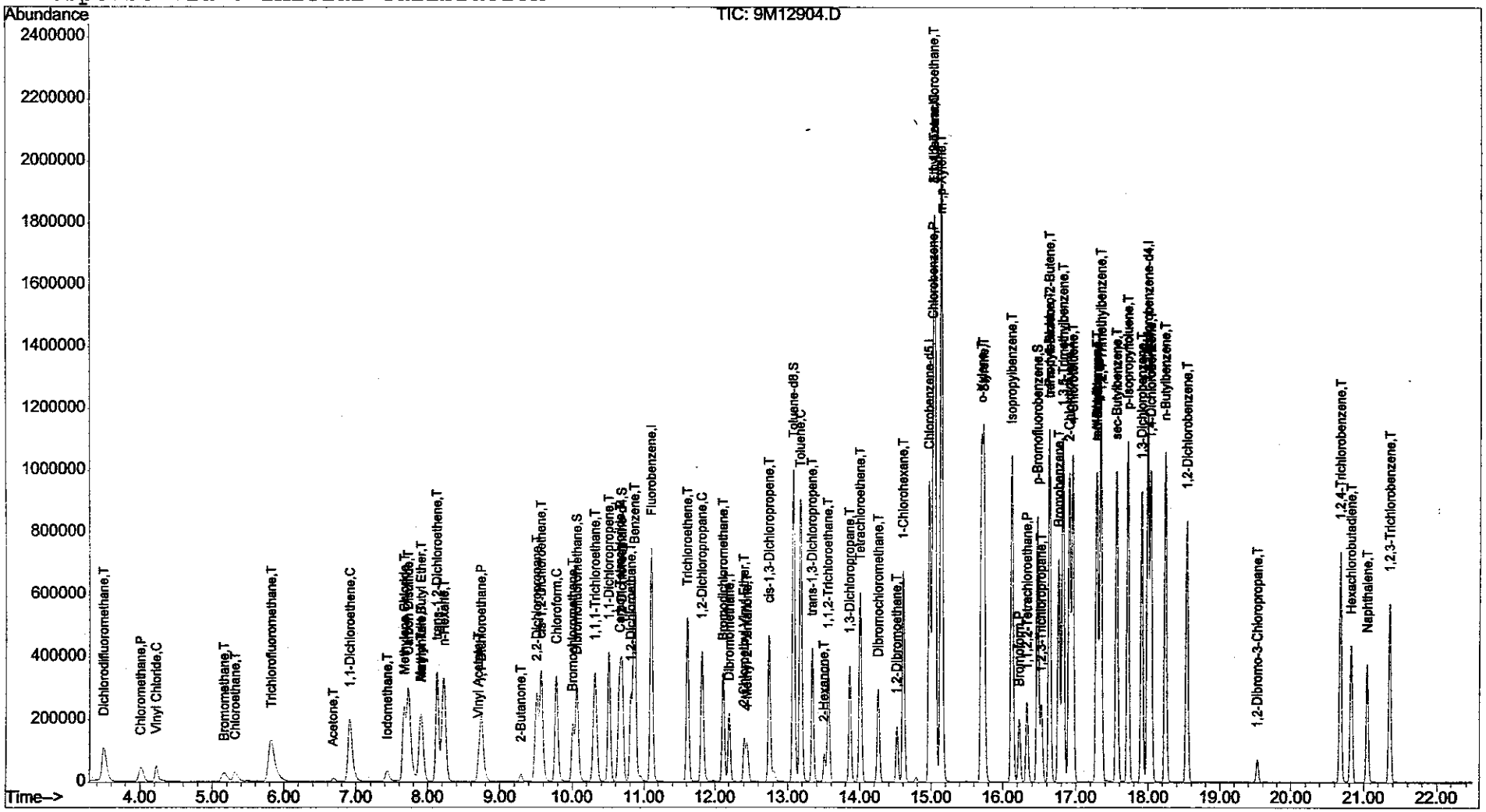
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
83)	1,2-Dibromo-3-Chloropropan	19.52	157	23989	12.99	ug/L	89
84)	1,2,4-Trichlorobenzene	20.67	180	288580	17.20	ug/L	100
85)	Hexachlorobutadiene	20.82	225	129614	16.65	ug/L	98
86)	Naphthalene	21.04	128	313588	12.94	ug/L	99
87)	1,2,3-Trichlorobenzene	21.35	180	224371	18.12	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12904.D Vial: 4
Acq On : 17 Oct 2000 10:16 Operator: RSS
Sample : WG85865-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:39 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12904.D Vial: 4
Acq On : 17 Oct 2000 10:16 Operator: RSS
Sample : WG85865-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:39 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	979642	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	716877	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	428252	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	273222	24.44	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 97.76%			
33) 1,2-Dichloroethane-d4	10.70	65	270306	24.63	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.52%			
45) Toluene-d8	13.09	98	949087	26.77	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 107.08%			
66) p-Bromofluorobenzene	16.48	95	387156	26.73	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 106.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	277780	24.10	ug/L	96
3) Chloromethane	4.01	50	128489	26.07	ug/L	99
4) Vinyl Chloride	4.22	62	88061	23.82	ug/L	99
5) Bromomethane	5.16	94	58872	13.82	ug/L	98
6) Chloroethane	5.32	64	79707	21.72	ug/L	100
7) Trichlorofluoromethane	5.82	101	397584	20.52	ug/L	98
11) Acetone	6.68	43	27240	14.97	ug/L	96
12) 1,1-Dichloroethene	6.91	96	186167	20.17	ug/L	100
14) Iodomethane	7.43	142	58612	14.22	ug/L	92
15) Methylene Chloride	7.67	84	214152	19.77	ug/L	94
16) Carbon Disulfide	7.73	76	792901	24.97	ug/L	100
17) Acrylonitrile	7.91	53	6220	2.59	ug/L #	14
18) Methyl Tert Butyl Ether	7.90	73	423045	21.10	ug/L	99
19) trans-1,2-Dichloroethene	8.13	96	228928	22.57	ug/L	97
20) n-Hexane	8.22	57	316684	22.05	ug/L	99
21) Vinyl Acetate	8.70	43	114632	12.19	ug/L	98
22) 1,1-Dichloroethane	8.74	63	393997	20.58	ug/L	99
23) 2-Butanone	9.29	43	44027	19.21	ug/L	98
24) 2,2-Dichloropropane	9.51	77	343794	23.64	ug/L	99
25) cis-1,2-Dichloroethene	9.57	96	242196	21.26	ug/L	97
26) Chloroform	9.78	83	422446	21.79	ug/L	98
27) Bromochloromethane	10.01	128	82173	17.88	ug/L	90
29) 1,1,1-Trichloroethane	10.32	97	387925	21.56	ug/L	99
31) 1,1-Dichloropropene	10.51	75	288261	25.27	ug/L	99
32) Carbon Tetrachloride	10.66	117	361677	21.93	ug/L	99
34) 1,2-Dichloroethane	10.81	62	290638	21.53	ug/L	96
35) Benzene	10.87	78	874689	21.72	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12904.D Vial: 4
Acq On : 17 Oct 2000 10:16 Operator: RSS
Sample : WG85865-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:39 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Trichloroethene	11.62	130	232749	21.23	ug/L		99
37)	1,2-Dichloropropane	11.83	63	219704	21.46	ug/L		94
38)	Bromodichloromethane	12.12	83	307811	22.08	ug/L		98
39)	Dibromomethane	12.21	93	103445	19.74	ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.40	63	70201	5.23	ug/L		99
41)	4-Methyl-2-Pentanone	12.45	58	47022	19.84	ug/L		98
42)	cis-1,3-Dichloropropene	12.75	75	337815	23.62	ug/L		100
46)	Toluene	13.19	91	938950	23.48	ug/L		100
48)	trans-1,3-Dichloropropene	13.34	75	293752	23.17	ug/L		99
49)	1,1,2-Trichloroethane	13.56	97	165028	21.70	ug/L		100
50)	2-Hexanone	13.50	43	73222	21.85	ug/L		99
51)	1,3-Dichloropropane	13.87	76	281222	22.88	ug/L		89
52)	Tetrachloroethene	14.01	164	201009	22.50	ug/L		97
53)	Dibromochloromethane	14.26	129	211221	21.67	ug/L		100
54)	1,2-Dibromoethane	14.52	107	149623	21.85	ug/L		100
55)	1-Chlorohexane	14.61	91	305571	20.83	ug/L		97
56)	Chlorobenzene	15.02	112	664043	21.21	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.05	131	240990	22.65	ug/L		100
58)	Ethylbenzene	15.05	106	346862	22.48	ug/L		99
59)	m-,p-Xylene	15.15	106	868703	42.47	ug/L		100
60)	o-Xylene	15.71	106	416315	19.84	ug/L		99
61)	Styrene	15.74	104	716712	20.00	ug/L		100
62)	Bromoform	16.23	173	128551	18.98	ug/L		100
63)	Isopropylbenzene	16.13	105	1017955	18.35	ug/L		99
65)	1,1,2,2-Tetrachloroethane	16.34	83	175447	22.62	ug/L		99
67)	1,2,3-Trichloropropane	16.52	110	55211	19.42	ug/L	#	32
68)	trans-1,4-Dichloro-2-Buten	16.64	53	5432	2.62	ug/L	#	1
69)	n-Propylbenzene	16.64	91	1289788	19.90	ug/L		100
70)	Bromobenzene	16.77	156	282219	21.54	ug/L		98
71)	1,3,5-Trimethylbenzene	16.83	105	904162	19.40	ug/L		100
72)	2-Chlorotoluene	16.91	91	790003	22.46	ug/L		98
73)	4-Chlorotoluene	16.96	91	847654	22.68	ug/L		97
74)	a-Methylstyrene	17.29	118	12028	0.54	ug/L	#	1
75)	tert-Butylbenzene	17.29	119	769683	21.37	ug/L		92
76)	1,2,4-Trimethylbenzene	17.35	105	944124	22.47	ug/L		100
77)	sec-Butylbenzene	17.56	105	1048761	20.71	ug/L		100
78)	p-Isopropyltoluene	17.72	119	897195	17.60	ug/L		99
79)	1,3-Dichlorobenzene	17.92	146	535509	20.65	ug/L		99
80)	1,4-Dichlorobenzene	18.04	146	550189	20.92	ug/L		97
81)	n-Butylbenzene	18.24	91	839224	21.51	ug/L		100
82)	1,2-Dichlorobenzene	18.54	146	480458	20.06	ug/L		99

(#) = qualifier out of range (m) = manual integration

Data File : D:\HPCHEM\1\DATA\101700\9M12904.D Vial: 4
Acq On : 17 Oct 2000 10:16 Operator: RSS
Sample : WG85865-04 LCS 20PPB ALT STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 10:39 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Tue Oct 17 09:36:22 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

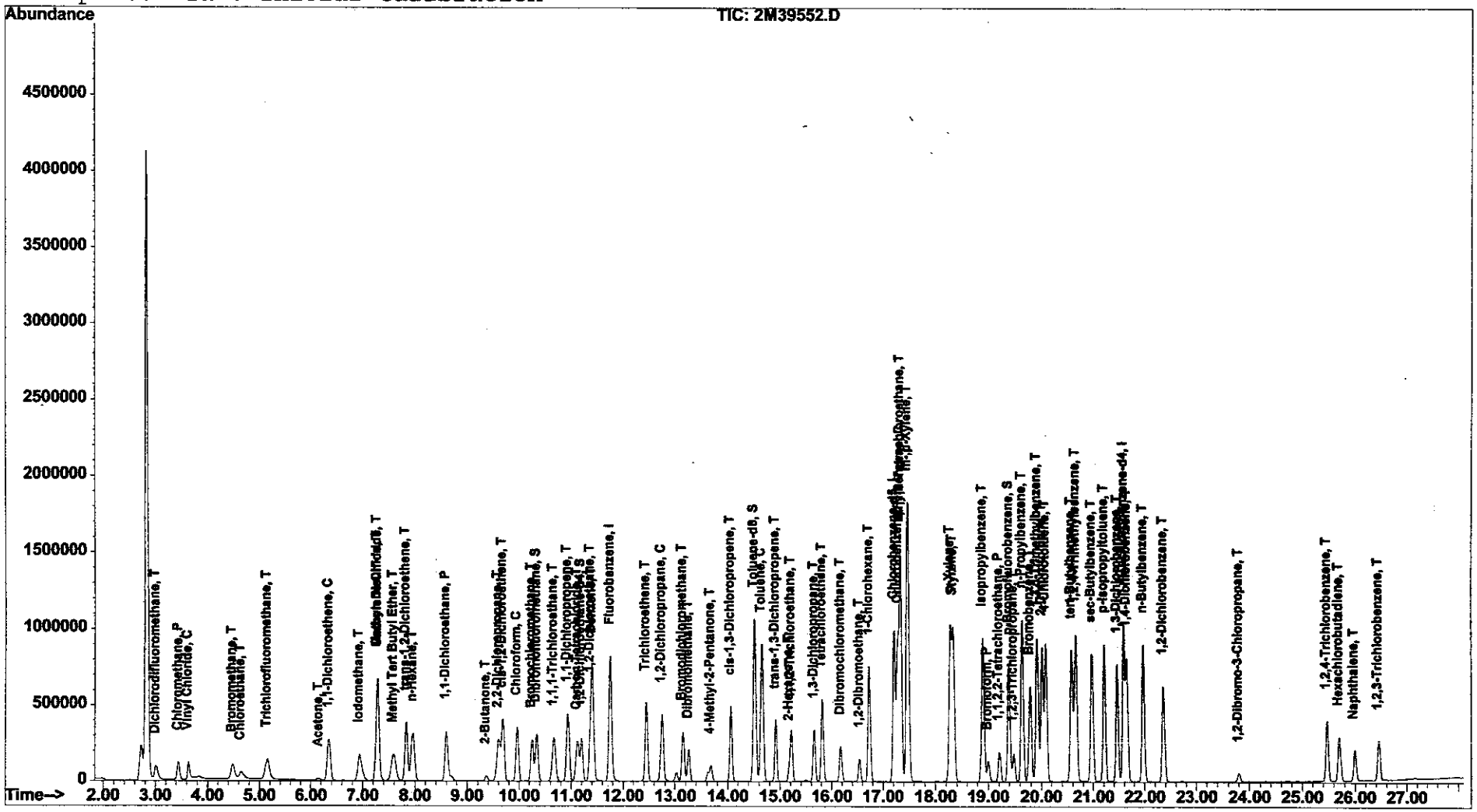
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
83)	1,2-Dibromo-3-Chloropropan	19.53	157	28461	15.72	ug/L	90
84)	1,2,4-Trichlorobenzene	20.68	180	311487	18.94	ug/L	99
85)	Hexachlorobutadiene	20.83	225	128878	16.89	ug/L	98
86)	Naphthalene	21.05	128	389001	16.37	ug/L	100
87)	1,2,3-Trichlorobenzene	21.35	180	245329	20.21	ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39552.D Vial: 5
Acq On : 19 Oct 2000 9:50 Operator: CMS
Sample : WG86008-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:19 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39552.D Vial: 5
Acq On : 19 Oct 2000 9:50 Operator: CMS
Sample : WG86008-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:19 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.76	96	1423766	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.21	117	1102309	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.59	152	554419	25.00	UG/L	-0.02
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	383658	21.69	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 86.76%			
33) 1,2-Dichloroethane-d4	11.19	65	345904	21.46	UG/L	-0.02
Spiked Amount 25.000	Range 80 - 120		Recovery = 85.84%			
45) Toluene-d8	14.51	98	1406152	22.82	UG/L	-0.02
Spiked Amount 25.000	Range 88 - 110		Recovery = 91.28%			
66) p-Bromofluorobenzene	19.39	95	563331	22.83	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 91.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	224671	1387.66	UG/L	96
3) Chloromethane	3.43	50	245621	1818.41	UG/L	99
4) Vinyl Chloride	3.63	62	195217	1401.23	UG/L	99
5) Bromomethane	4.48	94	185561	1953.03	UG/L	100
6) Chloroethane	4.64	64	132134	1782.84	UG/L	91
7) Trichlorofluoromethane	5.15	101	297360	1564.72	UG/L	99
11) Acetone	6.15	43	40551	2081.38	UG/L #	79
12) 1,1-Dichloroethene	6.35	96	244250	1853.26	UG/L	91
14) Iodomethane	6.94	142	533465	3021.13	UG/L	97
15) Methylene Chloride	7.27	84	304790	1880.77	UG/L	92
16) Carbon Disulfide	7.28	76	1226744	2132.08	UG/L	99
17) Acrylonitrile	7.59	53	4372	172.50	UG/L #	8
18) Methyl Tert Butyl Ether	7.58	73	530196	2016.15	UG/L	99
19) trans-1,2-Dichloroethene	7.82	96	292544	1902.87	UG/L	85
20) n-Hexane	7.95	57	375526	1969.96	UG/L	89
21) Vinyl Acetate	8.59	43	185639	1125.08	UG/L	98
22) 1,1-Dichloroethane	8.59	63	598418	1881.70	UG/L	98
23) 2-Butanone	9.36	43	79640	2568.36	UG/L #	88
24) 2,2-Dichloropropane	9.60	77	462713	1953.16	UG/L	98
25) cis-1,2-Dichloroethene	9.69	96	324846	1846.36	UG/L #	66
26) Chloroform	9.96	83	573032	1942.26	UG/L	96
27) Bromochloromethane	10.26	128	139358	1889.28	UG/L	98
29) 1,1,1-Trichloroethane	10.66	97	418436	1948.95	UG/L	89
31) 1,1-Dichloropropene	10.93	75	458858	2214.65	UG/L #	83
32) Carbon Tetrachloride	11.12	117	358143	1909.98	UG/L	98
34) 1,2-Dichloroethane	11.36	62	340053	1844.17	UG/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39552.D Vial: 5
Acq On : 19 Oct 2000 9:50 Operator: CMS
Sample : WG86008-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:19 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Benzene	11.40	78	1351092	1870.72	UG/L		94
36)	Trichloroethene	12.45	130	334534	1919.24	UG/L		97
37)	1,2-Dichloropropane	12.74	63	338283	1825.37	UG/L		87
38)	Bromodichloromethane	13.15	83	407916	1959.33	UG/L		97
39)	Dibromomethane	13.26	93	147565	1829.62	UG/L	#	72
41)	4-Methyl-2-Pentanone	13.68	58	62543	2224.89	UG/L		86
42)	cis-1,3-Dichloropropene	14.06	75	530785	2097.08	UG/L		93
46)	Toluene	14.66	91	1363703	1913.76	ug/L		98
48)	trans-1,3-Dichloropropene	14.92	75	407405	1848.64	ug/L		97
49)	1,1,2-Trichloroethane	15.21	97	184854	1791.97	UG/L		90
50)	2-Hexanone	15.17	43	100948	1936.59	UG/L		88
51)	1,3-Dichloropropane	15.66	76	388276	1782.65	UG/L	#	82
52)	Tetrachloroethene	15.81	164	251292	1900.31	UG/L	#	74
53)	Dibromochloromethane	16.17	129	246837	1815.41	UG/L		98
54)	1,2-Dibromoethane	16.54	107	196268	1833.88	UG/L		97
55)	1-Chlorohexane	16.73	91	509023	2020.00	UG/L		99
56)	Chlorobenzene	17.28	112	865737	1900.74	UG/L	#	70
57)	1,1,1,2-Tetrachloroethane	17.33	131	288781	1882.01	UG/L		95
58)	Ethylbenzene	17.34	106	441549	1892.13	UG/L		95
59)	m-,p-Xylene	17.48	106	1087889	3769.37	UG/L		100
60)	o-Xylene	18.28	106	553705	1954.76	UG/L		99
61)	Styrene	18.33	104	926172	1922.23	UG/L	#	80
62)	Bromoform	19.00	173	124291	1778.80	UG/L	#	95
63)	Isopropylbenzene	18.90	105	1346352	1840.49	ug/L		94
65)	1,1,2,2-Tetrachloroethane	19.20	83	224804	1778.73	UG/L		100
67)	1,2,3-Trichloropropane	19.48	110	52579	1852.40	UG/L		87
68)	trans-1,4-Dichloro-2-Buten	19.64	53	8917	271.69	UG/L	#	1
69)	n-Propylbenzene	19.64	91	1839683	1926.77	UG/L		98
70)	Bromobenzene	19.78	156	342018	1870.71	UG/L		98
71)	1,3,5-Trimethylbenzene	19.91	105	1108658	1886.59	UG/L		93
72)	2-Chlorotoluene	20.01	91	1175497	1969.31	UG/L		97
73)	4-Chlorotoluene	20.08	91	1049692	1832.65	UG/L		94
75)	tert-Butylbenzene	20.58	119	1055259	1867.44	UG/L		95
76)	1,2,4-Trimethylbenzene	20.65	105	1133662	1924.01	UG/L	#	80
77)	sec-Butylbenzene	20.97	105	1318273	1839.50	UG/L		98
78)	p-Isopropyltoluene	21.20	119	1105286	1872.72	UG/L		99
79)	1,3-Dichlorobenzene	21.46	146	669650	1870.15	UG/L		93
80)	1,4-Dichlorobenzene	21.65	146	659472	1853.79	UG/L		92
81)	n-Butylbenzene	21.97	91	1103576	1945.46	UG/L		99
82)	1,2-Dichlorobenzene	22.37	146	567400	1861.00	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.80	157	33176	1634.75	UG/L	#	77

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39552.D Vial: 5
Acq On : 19 Oct 2000 9:50 Operator: CMS
Sample : WG86008-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Oct 19 10:19 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

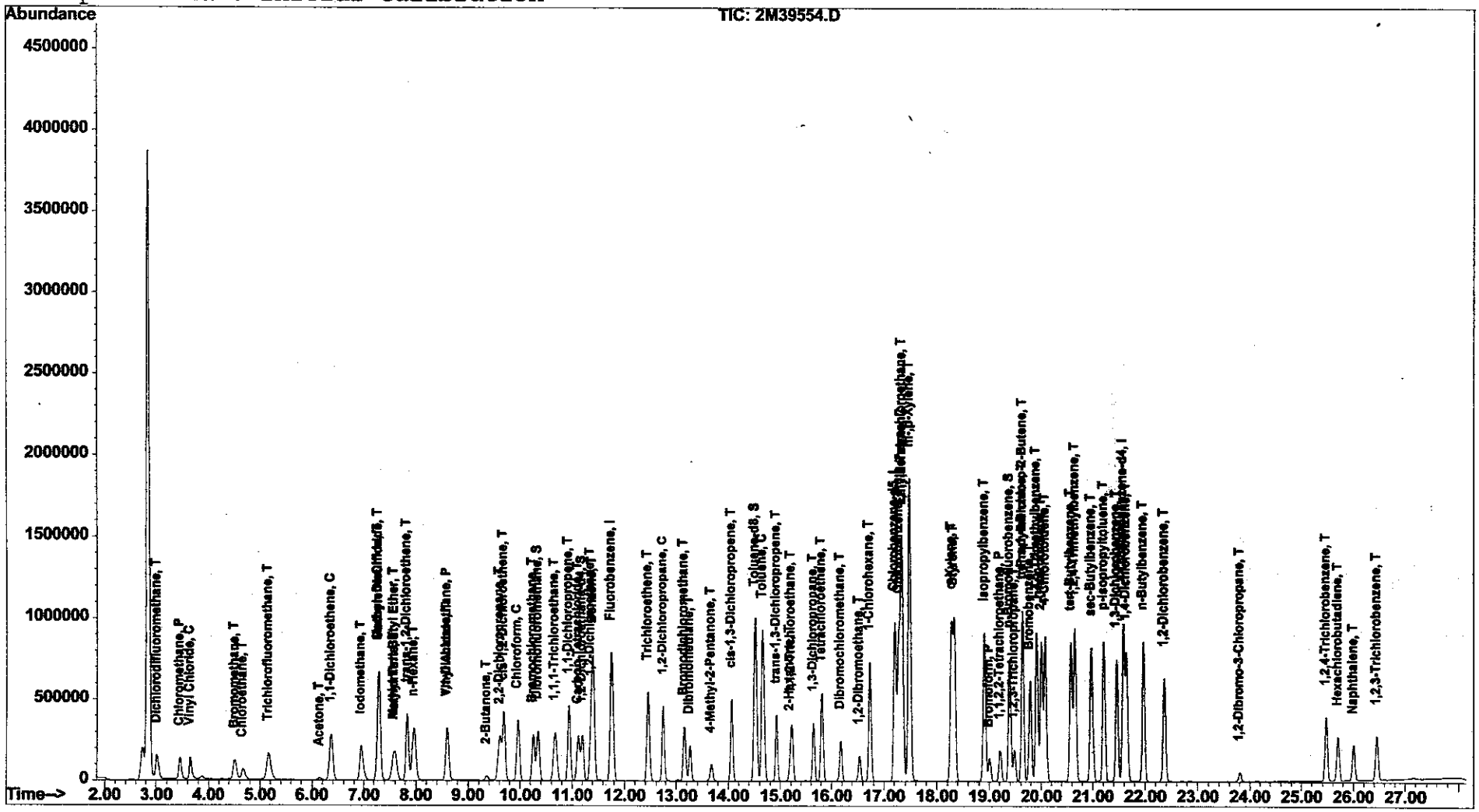
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
84)	1,2,4-Trichlorobenzene	25.47	180	254127	1707.37	UG/L	#	94
85)	Hexachlorobutadiene	25.70	225	112694	1783.12	UG/L	#	90
86)	Naphthalene	25.99	128	353763	1545.09	UG/L		97
87)	1,2,3-Trichlorobenzene	26.45	180	173927	1642.72	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\101900\2M39554.D Vial: 7
Acq On : 19 Oct 2000 11:01 Operator: CMS
Sample : WG86020-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 11:29 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Tue Oct 10 09:12:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39554.D Vial: 7
Acq On : 19 Oct 2000 11:01 Operator: CMS
Sample : WG86020-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 11:29 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.75	96	1395615	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.21	117	1073857	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.59	152	541325	25.00	UG/L		-0.02
System Monitoring Compounds							
28) Dibromofluoromethane	10.35	111	385619	22.24	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 88.96%				
33) 1,2-Dichloroethane-d4	11.20	65	353013	22.34	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 89.36%				
45) Toluene-d8	14.52	98	1363115	22.71	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 90.84%				
66) p-Bromofluorobenzene	19.39	95	547157	22.71	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 90.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	339882	21.42	UG/L		95
3) Chloromethane	3.45	50	310744	23.47	UG/L		99
4) Vinyl Chloride	3.65	62	260943	19.11	UG/L		98
5) Bromomethane	4.51	94	202227	21.71	UG/L		100
6) Chloroethane	4.67	64	142443	19.61	UG/L		91
7) Trichlorofluoromethane	5.16	101	374427	20.10	UG/L	#	98
11) Acetone	6.14	43	40198	21.05	UG/L	#	88
12) 1,1-Dichloroethene	6.36	96	259924	20.12	UG/L		89
14) Iodomethane	6.95	142	594932	34.37	UG/L		96
15) Methylene Chloride	7.28	84	305852	19.25	UG/L		93
16) Carbon Disulfide	7.30	76	1293391	22.93	UG/L		99
17) Acrylonitrile	7.60	53	4244	1.71	UG/L	#	8
18) Methyl Tert Butyl Ether	7.59	73	545686	21.17	UG/L		100
19) trans-1,2-Dichloroethene	7.83	96	308016	20.44	UG/L		86
20) n-Hexane	7.96	57	393274	21.05	UG/L		89
21) Vinyl Acetate	8.60	43	161906	10.01	UG/L		99
22) 1,1-Dichloroethane	8.61	63	610532	19.59	UG/L		99
23) 2-Butanone	9.36	43	67522	22.21	UG/L	#	90
24) 2,2-Dichloropropane	9.61	77	463247	19.95	UG/L		99
25) cis-1,2-Dichloroethene	9.69	96	328106	19.03	UG/L	#	63
26) Chloroform	9.97	83	582863	20.15	UG/L		96
27) Bromochloromethane	10.26	128	143421	19.84	UG/L		99
29) 1,1,1-Trichloroethane	10.67	97	435415	20.69	UG/L		88
31) 1,1-Dichloropropene	10.94	75	470339	23.16	UG/L	#	84
32) Carbon Tetrachloride	11.12	117	372292	20.25	UG/L		99
34) 1,2-Dichloroethane	11.36	62	362284	20.04	UG/L		98

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\101900\2M39554.D Vial: 7
Acq On : 19 Oct 2000 11:01 Operator: CMS
Sample : WG86020-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 11:29 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Benzene	11.41	78	1372315	19.38	UG/L		94
36)	Trichloroethene	12.45	130	345868	20.24	UG/L		98
37)	1,2-Dichloropropane	12.75	63	345718	19.03	UG/L		87
38)	Bromodichloromethane	13.15	83	423217	20.74	UG/L		97
39)	Dibromomethane	13.26	93	155164	19.63	UG/L	#	71
41)	4-Methyl-2-Pentanone	13.67	58	63890	23.19	UG/L	#	86
42)	cis-1,3-Dichloropropene	14.07	75	542245	21.86	UG/L		93
46)	Toluene	14.66	91	1365046	19.66	ug/L		98
48)	trans-1,3-Dichloropropene	14.93	75	419633	19.55	ug/L		97
49)	1,1,2-Trichloroethane	15.21	97	191831	19.09	UG/L		90
50)	2-Hexanone	15.18	43	101998	20.09	UG/L		87
51)	1,3-Dichloropropane	15.66	76	401819	18.94	UG/L	#	82
52)	Tetrachloroethene	15.82	164	250561	19.45	UG/L	#	74
53)	Dibromochloromethane	16.18	129	261057	19.71	UG/L		99
54)	1,2-Dibromoethane	16.54	107	203956	19.56	UG/L		98
55)	1-Chlorohexane	16.74	91	490136	19.97	UG/L		98
56)	Chlorobenzene	17.28	112	868317	19.57	UG/L	#	72
57)	1,1,1,2-Tetrachloroethane	17.33	131	296459	19.83	UG/L		95
58)	Ethylbenzene	17.34	106	443700	19.52	UG/L		99
59)	m-,p-Xylene	17.48	106	1071287	38.10	UG/L		100
60)	o-Xylene	18.28	106	542739	19.67	UG/L		100
61)	Styrene	18.33	104	919496	19.59	UG/L	#	81
62)	Bromoform	19.00	173	129746	19.06	UG/L	#	95
63)	Isopropylbenzene	18.91	105	1322585	18.56	ug/L		94
65)	1,1,2,2-Tetrachloroethane	19.21	83	227101	18.40	UG/L		98
67)	1,2,3-Trichloropropane	19.49	110	53773	19.40	UG/L		88
68)	trans-1,4-Dichloro-2-Buten	19.64	53	8824	2.75	UG/L	#	1
69)	n-Propylbenzene	19.64	91	1776068	19.05	UG/L		98
70)	Bromobenzene	19.79	156	342601	19.19	UG/L		97
71)	1,3,5-Trimethylbenzene	19.91	105	1081493	18.85	UG/L		93
72)	2-Chlorotoluene	20.01	91	1097684	18.83	UG/L		96
73)	4-Chlorotoluene	20.09	91	1066081	19.06	UG/L		94
75)	tert-Butylbenzene	20.58	119	1030679	18.68	UG/L		95
76)	1,2,4-Trimethylbenzene	20.66	105	1114001	19.36	UG/L		91
77)	sec-Butylbenzene	20.97	105	1267661	18.12	UG/L		98
78)	p-Isopropyltoluene	21.21	119	1076168	18.67	UG/L		100
79)	1,3-Dichlorobenzene	21.46	146	660087	18.88	UG/L		93
80)	1,4-Dichlorobenzene	21.65	146	659601	18.99	UG/L		93
81)	n-Butylbenzene	21.97	91	1032551	18.64	UG/L		99
82)	1,2-Dichlorobenzene	22.36	146	569632	19.14	UG/L		93
83)	1,2-Dibromo-3-Chloropropan	23.81	157	34894	17.61	UG/L	#	76

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\101900\2M39554.D Vial: 7
Acq On : 19 Oct 2000 11:01 Operator: CMS
Sample : WG86020-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Oct 19 11:29 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method M8260WTR - 10/18/00 - HPMS2
Last Update : Wed Oct 18 23:34:28 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

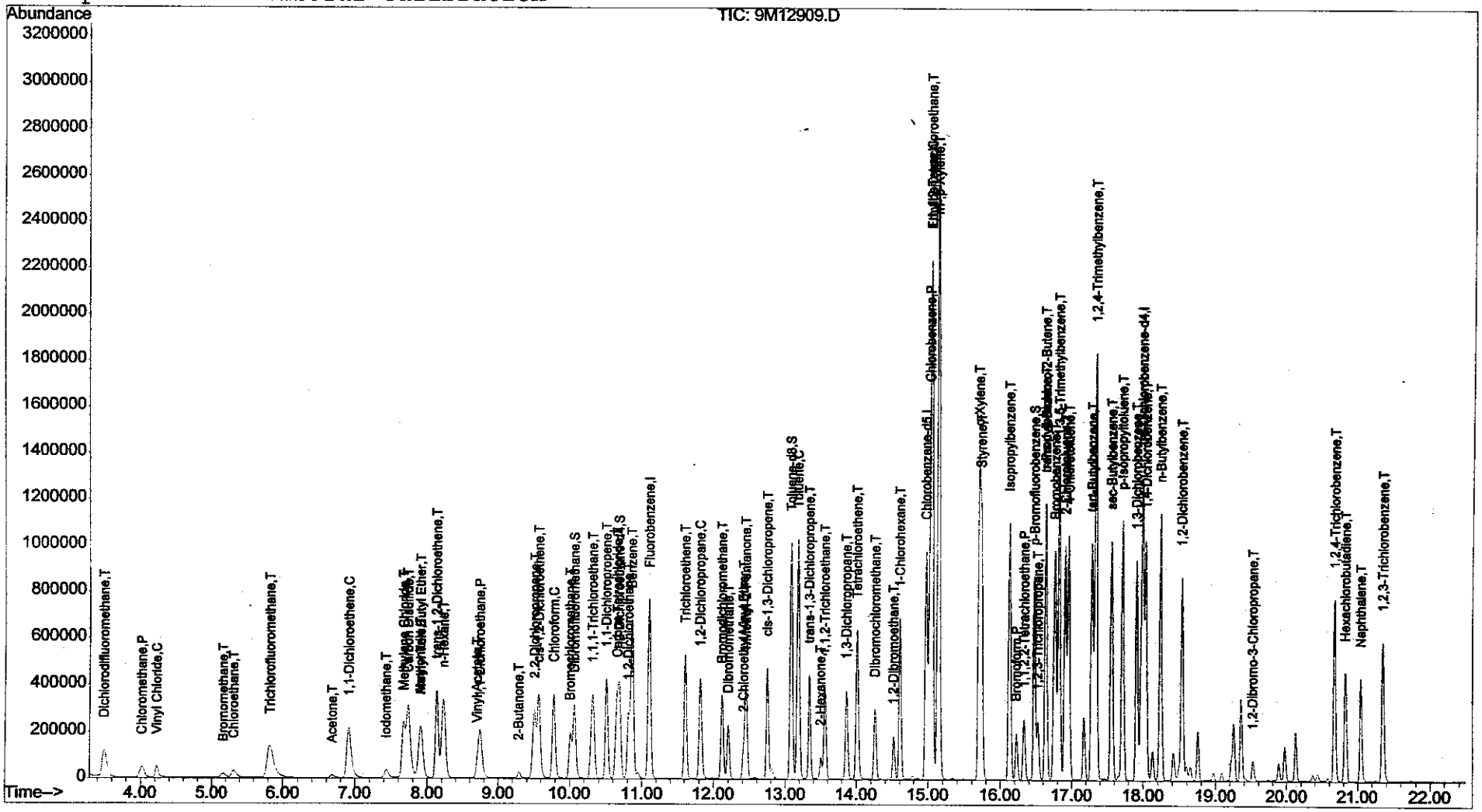
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
84)	1,2,4-Trichlorobenzene	25.47	180	254062	17.48	UG/L	#	95
85)	Hexachlorobutadiene	25.70	225	108098	17.52	UG/L	#	90
86)	Naphthalene	26.00	128	378819	16.95	UG/L		97
87)	1,2,3-Trichlorobenzene	26.45	180	177246	17.15	UG/L	#	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12909.D Vial: 9
Acq On : 17 Oct 2000 13:12 Operator: RSS
Sample : L0010212-05 MS 10X ITCORPOH-398 826-SPE- Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:35 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12909.D Vial: 9
Acq On : 17 Oct 2000 13:12 Operator: RSS
Sample : L0010212-05 MS 10X ITCORPOH-398 826-SPE- Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:35 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.11	96	1000961	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.98	117	737300	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	434954	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.07	111	280977	24.60	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.40%			
33) 1,2-Dichloroethane-d4	10.70	65	276098	24.62	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.48%			
45) Toluene-d8	13.09	98	972124	26.66	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.64%			
66) p-Bromofluorobenzene	16.47	95	396103	26.93	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.49	85	297547	252.62	ug/L	95
3) Chloromethane	4.01	50	127567	253.50	ug/L	99
4) Vinyl Chloride	4.22	62	88345	233.71	ug/L	99
5) Bromomethane	5.16	94	35537	81.62	ug/L	97
6) Chloroethane	5.32	64	80522	214.73	ug/L	99
7) Trichlorofluoromethane	5.83	101	406610	205.41	ug/L	98
11) Acetone	6.69	43	32904	177.01	ug/L	98
12) 1,1-Dichloroethene	6.92	96	200238	212.37	ug/L	98
14) Iodomethane	7.43	142	61277	145.24	ug/L	94
15) Methylene Chloride	7.67	84	221497	200.14	ug/L	92
16) Carbon Disulfide	7.73	76	828334	255.33	ug/L	100
17) Acrylonitrile	7.90	53	3525	14.38	ug/L #	19
18) Methyl Tert Butyl Ether	7.90	73	452704	220.99	ug/L	98
19) trans-1,2-Dichloroethene	8.13	96	242269	233.75	ug/L	96
20) n-Hexane	8.22	57	325847	222.01	ug/L	97
21) Vinyl Acetate	8.70	43	123335	128.40	ug/L	97
22) 1,1-Dichloroethane	8.74	63	384236	196.38	ug/L	99
23) 2-Butanone	9.29	43	49211	210.10	ug/L	98
24) 2,2-Dichloropropane	9.52	77	357768	240.72	ug/L	99
25) cis-1,2-Dichloroethene	9.57	96	244501	210.00	ug/L	98
26) Chloroform	9.78	83	434247	219.21	ug/L	99
27) Bromochloromethane	10.01	128	84207	179.33	ug/L	91
29) 1,1,1-Trichloroethane	10.32	97	404178	219.88	ug/L	99
31) 1,1-Dichloropropene	10.51	75	299524	256.97	ug/L	100
32) Carbon Tetrachloride	10.66	117	372949	221.36	ug/L	99
34) 1,2-Dichloroethane	10.81	62	298362	216.29	ug/L	96
35) Benzene	10.87	78	898876	218.41	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12909.D Vial: 9
Acq On : 17 Oct 2000 13:12 Operator: RSS
Sample : L0010212-05 MS 10X ITCORPOH-398 826-SPE- Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:35 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Trichloroethene	11.61	130	244034	217.86 ug/L	98
37) 1,2-Dichloropropane	11.82	63	226255	216.31 ug/L	96
38) Bromodichloromethane	12.12	83	317912	223.17 ug/L	99
39) Dibromomethane	12.21	93	108231	202.10 ug/L	99
40) 2-Chloroethyl Vinyl Ether	12.41	63	52990	38.58 ug/L	98
41) 4-Methyl-2-Pentanone	12.45	58	164753	680.17 ug/L	96
42) cis-1,3-Dichloropropene	12.75	75	351285	240.42 ug/L	100
46) Toluene	13.18	91	1074666	261.26 ug/L	100
47) Ethyl Methacrylate	13.33	69	1511	1.71 ug/L #	1
48) trans-1,3-Dichloropropene	13.34	75	302001	231.59 ug/L	100
49) 1,1,2-Trichloroethane	13.56	97	167671	214.36 ug/L	100
50) 2-Hexanone	13.50	43	74771	216.95 ug/L	97
51) 1,3-Dichloropropane	13.87	76	287715	227.60 ug/L	89
52) Tetrachloroethene	14.01	164	208620	227.04 ug/L	97
53) Dibromochloromethane	14.26	129	218949	218.39 ug/L	100
54) 1,2-Dibromoethane	14.52	107	155891	221.39 ug/L	100
55) 1-Chlorohexane	14.61	91	313897	208.03 ug/L	96
56) Chlorobenzene	15.02	112	675117	209.70 ug/L	100
57) 1,1,1,2-Tetrachloroethane	15.06	131	243175	222.20 ug/L	99
58) Ethylbenzene	15.05	106	494562	311.67 ug/L	99
59) m-,p-Xylene	15.15	106	1176361	569.67 ug/L	99
60) o-Xylene	15.71	106	527771	246.82 ug/L	99
61) Styrene	15.74	104	735425	199.50 ug/L	98
62) Bromoform	16.23	173	130104	186.79 ug/L	99
63) Isopropylbenzene	16.13	105	1084362	190.35 ug/L	100
65) 1,1,2,2-Tetrachloroethane	16.34	83	177064	224.79 ug/L	99
67) 1,2,3-Trichloropropane	16.52	110	56282	194.94 ug/L #	35
68) trans-1,4-Dichloro-2-Buten	16.64	53	5929	28.14 ug/L #	1
69) n-Propylbenzene	16.64	91	1344210	204.48 ug/L	100
70) Bromobenzene	16.77	156	292482	219.77 ug/L	90
71) 1,3,5-Trimethylbenzene	16.82	105	1144355	244.19 ug/L	99
72) 2-Chlorotoluene	16.91	91	815741	228.32 ug/L	98
73) 4-Chlorotoluene	16.96	91	841137	221.61 ug/L	97
74) a-Methylstyrene	17.18	118	2483	1.10 ug/L #	1
75) tert-Butylbenzene	17.29	119	777080	212.43 ug/L	92
76) 1,2,4-Trimethylbenzene	17.34	105	1527293	357.87 ug/L	99
77) sec-Butylbenzene	17.56	105	1077422	209.46 ug/L	99
78) p-Isopropyltoluene	17.71	119	927810	179.30 ug/L	99
79) 1,3-Dichlorobenzene	17.92	146	547781	208.00 ug/L	100
80) 1,4-Dichlorobenzene	18.04	146	560852	209.95 ug/L	98
81) n-Butylbenzene	18.24	91	885887	223.55 ug/L #	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12909.D Vial: 9
Acq On : 17 Oct 2000 13:12 Operator: RSS
Sample : L0010212-05 MS 10X ITCORPOH-398 826-SPE- Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 13:35 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

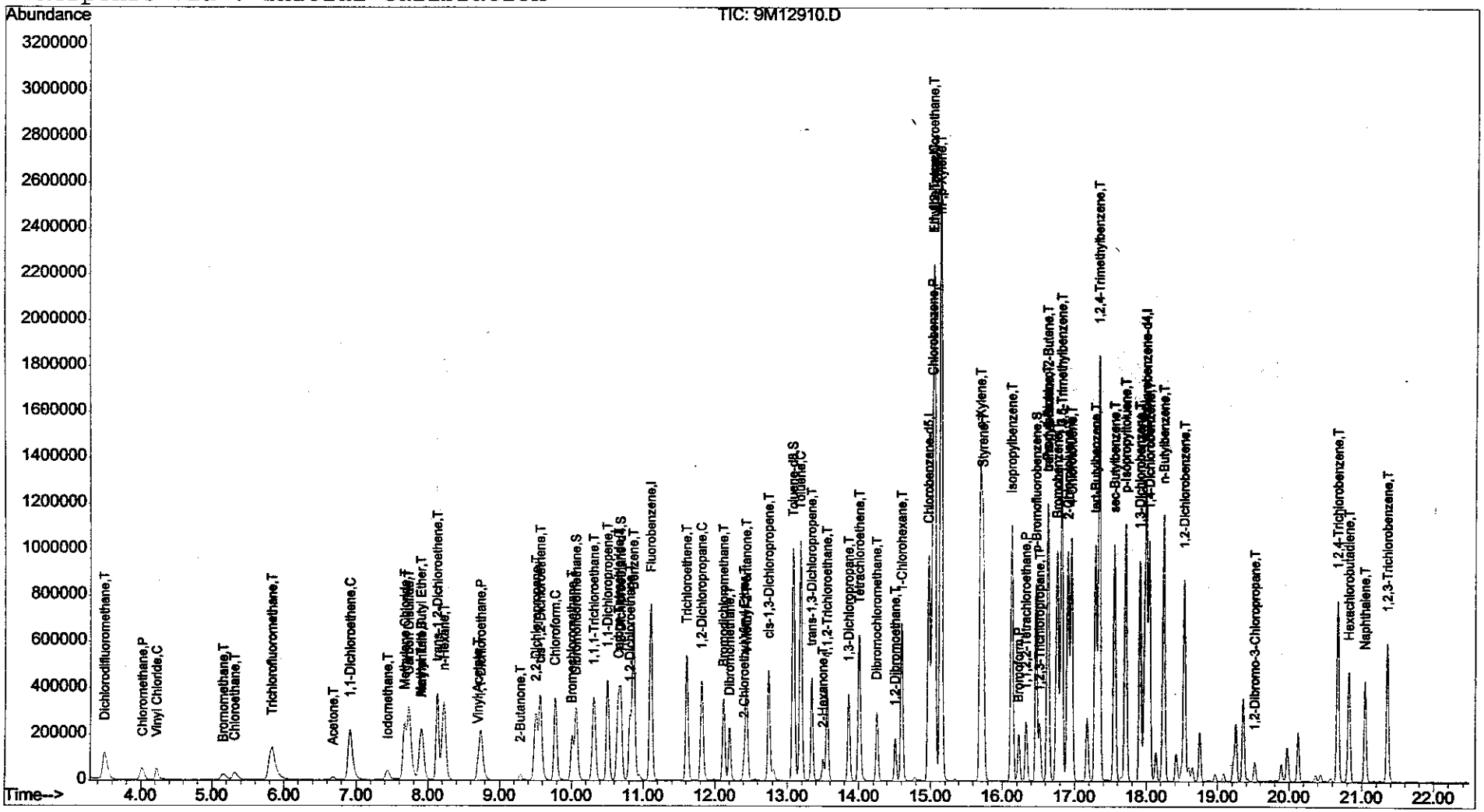
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
82)	1,2-Dichlorobenzene	18.53	146	499097	205.19	ug/L	99
83)	1,2-Dibromo-3-Chloropropan	19.52	157	33297	181.05	ug/L	100
84)	1,2,4-Trichlorobenzene	20.67	180	339289	203.10	ug/L	99
85)	Hexachlorobutadiene	20.82	225	138466	178.71	ug/L	98
86)	Naphthalene	21.04	128	460212	190.70	ug/L	100
87)	1,2,3-Trichlorobenzene	21.35	180	262093	212.59	ug/L	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : D:\HPCHEM\1\DATA\101700\9M12910.D Vial: 10
Acq On : 17 Oct 2000 13:43 Operator: RSS
Sample : L0010212-05 MSD 10X ITCORPOH-398 826-SPE Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 14:06 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12910.D Vial: 10
Acq On : 17 Oct 2000 13:43 Operator: RSS
Sample : L0010212-05 MSD 10X ITCORPOH-398 826-SPE Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 14:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.11	96	1010009	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.98	117	737202	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.00	152	431367	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.06	111	279893	24.29	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 97.16%				
33) 1,2-Dichloroethane-d4	10.70	65	272654	24.09	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 96.36%				
45) Toluene-d8	13.09	98	973230	26.69	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.76%				
66) p-Bromofluorobenzene	16.47	95	392356	26.89	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.49	85	298928	251.52	ug/L		95
3) Chloromethane	4.02	50	133035	261.77	ug/L		99
4) Vinyl Chloride	4.22	62	88768	232.69	ug/L		97
5) Bromomethane	5.16	94	53042	120.73	ug/L		100
6) Chloroethane	5.32	64	80344	212.33	ug/L		98
7) Trichlorofluoromethane	5.83	101	411252	205.89	ug/L		98
11) Acetone	6.69	43	33086	176.39	ug/L		99
12) 1,1-Dichloroethene	6.91	96	203449	213.84	ug/L		98
14) Iodomethane	7.43	142	76339	176.36	ug/L		92
15) Methylene Chloride	7.68	84	225260	201.72	ug/L		91
16) Carbon Disulfide	7.73	76	838710	256.22	ug/L		100
17) Acrylonitrile	7.92	53	5921	23.94	ug/L	#	16
18) Methyl Tert Butyl Ether	7.91	73	456730	220.96	ug/L		98
19) trans-1,2-Dichloroethene	8.13	96	242791	232.16	ug/L		96
20) n-Hexane	8.22	57	327124	220.88	ug/L		98
21) Vinyl Acetate	8.70	43	123724	127.65	ug/L		97
22) 1,1-Dichloroethane	8.74	63	397604	201.40	ug/L		99
23) 2-Butanone	9.29	43	50058	211.80	ug/L		98
24) 2,2-Dichloropropane	9.51	77	356472	237.70	ug/L		99
25) cis-1,2-Dichloroethene	9.58	96	251126	213.76	ug/L		97
26) Chloroform	9.78	83	437056	218.65	ug/L		99
27) Bromochloromethane	10.01	128	84149	177.60	ug/L		90
29) 1,1,1-Trichloroethane	10.31	97	408272	220.11	ug/L		99
30) Cyclohexane	10.31	56	316	0.18	ug/L	#	1
31) 1,1-Dichloropropene	10.51	75	304174	258.62	ug/L		100
32) Carbon Tetrachloride	10.66	117	374128	220.07	ug/L		99
34) 1,2-Dichloroethane	10.81	62	298186	214.23	ug/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12910.D Vial: 10
Acq On : 17 Oct 2000 13:43 Operator: RSS
Sample : L0010212-05 MSD 10X ITCORPOH-398 826-SPE Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 14:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
35)	Benzene	10.87	78	911591	219.52 ug/L		99
36)	Trichloroethene	11.61	130	246337	217.94 ug/L		98
37)	1,2-Dichloropropane	11.82	63	229496	217.44 ug/L		95
38)	Bromodichloromethane	12.12	83	321376	223.58 ug/L		100
39)	Dibromomethane	12.20	93	107922	199.72 ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.41	63	37959	27.36 ug/L		100
41)	4-Methyl-2-Pentanone	12.45	58	165616	677.61 ug/L		96
42)	cis-1,3-Dichloropropene	12.75	75	352970	239.41 ug/L		99
46)	Toluene	13.18	91	1086468	264.16 ug/L		100
47)	Ethyl Methacrylate	13.32	69	1344	1.52 ug/L	#	1
48)	trans-1,3-Dichloropropene	13.34	75	304205	233.31 ug/L		99
49)	1,1,2-Trichloroethane	13.56	97	169625	216.89 ug/L		99
50)	2-Hexanone	13.50	43	75033	217.74 ug/L		97
51)	1,3-Dichloropropane	13.87	76	285984	226.26 ug/L		89
52)	Tetrachloroethene	14.01	164	210288	228.89 ug/L		97
53)	Dibromochloromethane	14.26	129	219009	218.48 ug/L		99
54)	1,2-Dibromoethane	14.52	107	156876	222.82 ug/L		100
55)	1-Chlorohexane	14.61	91	315407	209.09 ug/L		96
56)	Chlorobenzene	15.02	112	679128	210.97 ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.05	131	245161	224.05 ug/L		100
58)	Ethylbenzene	15.05	106	498859	314.42 ug/L		100
59)	m-,p-Xylene	15.14	106	1195543	579.79 ug/L		100
60)	o-Xylene	15.71	106	532334	249.09 ug/L		99
61)	Styrene	15.74	104	744520	202.10 ug/L		99
62)	Bromoform	16.23	173	130400	187.24 ug/L		100
63)	Isopropylbenzene	16.13	105	1092827	191.92 ug/L		99
65)	1,1,2,2-Tetrachloroethane	16.33	83	176399	225.81 ug/L		99
67)	1,2,3-Trichloropropane	16.52	110	55651	194.36 ug/L	#	36
68)	trans-1,4-Dichloro-2-Buten	16.64	53	5887	28.18 ug/L	#	1
69)	n-Propylbenzene	16.64	91	1360740	208.92 ug/L		100
70)	Bromobenzene	16.77	156	294522	223.15 ug/L		90
71)	1,3,5-Trimethylbenzene	16.82	105	1155708	248.90 ug/L		100
72)	2-Chlorotoluene	16.91	91	826067	233.13 ug/L		98
73)	4-Chlorotoluene	16.96	91	842494	223.81 ug/L		98
74)	a-Methylstyrene	17.17	118	2690	1.21 ug/L	#	1
75)	tert-Butylbenzene	17.29	119	782770	215.76 ug/L		91
76)	1,2,4-Trimethylbenzene	17.34	105	1550861	366.41 ug/L		99
77)	sec-Butylbenzene	17.56	105	1082628	212.22 ug/L		99
78)	p-Isopropyltoluene	17.71	119	933811	182.07 ug/L		99
79)	1,3-Dichlorobenzene	17.91	146	546215	209.13 ug/L		98
80)	1,4-Dichlorobenzene	18.04	146	566294	213.75 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : D:\HPCHEM\1\DATA\101700\9M12910.D Vial: 10
Acq On : 17 Oct 2000 13:43 Operator: RSS
Sample : L0010212-05 MSD 10X ITCORPOH-398 826-SPE Inst : HPMS_9
Misc : WATER,10 (5ML/50ML) Multiplr: 10.00
MS Integration Params: RTEINT.P
Quant Time: Oct 17 14:06 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 010/06/2000 - HPMS 9
Last Update : Mon Oct 09 10:27:05 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
81)	n-Butylbenzene	18.24	91	888514	226.07	ug/L	#	94
82)	1,2-Dichlorobenzene	18.54	146	505094	209.38	ug/L		99
83)	1,2-Dibromo-3-Chloropropan	19.53	157	33054	181.22	ug/L		100
84)	1,2,4-Trichlorobenzene	20.68	180	341986	206.42	ug/L		99
85)	Hexachlorobutadiene	20.83	225	141273	183.85	ug/L		98
86)	Naphthalene	21.04	128	459740	192.09	ug/L		100
87)	1,2,3-Trichlorobenzene	21.35	180	262982	215.09	ug/L		99

(#) = qualifier out of range (m) = manual integration

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG85403
Analysis Date 10/6/00

Analyst MES
Instrument HP5970

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	"
clip column (___ cm)	"
change helium	"

Additional Maintenance

Problem: ~~4 of 10/7/00~~

Action Taken:

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
SM12657	NA	1	WG85403-01 50ng BFB	5mL	1	✓	1	NA	SV69-11	—	—
6658		2	-02 50PPB STD	10mL		RR			SV69-2	SV68-21/SV69-5	"
6659		3	-03 VBLK 100ml			RR			"	"	"
6660		3	-03			✓			—	"	"
6663 2nd		1	WG85403-01 50ng BFB	5mL		✓			—	"	—
6683 10/9/00 2nd		2	System blank	10mL		✓			SV69-11	—	1237
66634 10/9/00 2nd		3	WG85403 0.5 PPB STD			RR			—	SV68-21/SV69-5	—
66645 2nd 10/9/00		4	1.0			RR			SV6930	"	—
66656 2nd 10/9/00		5	5.0			✓			"	"	—
6667		6	10.0			RR Instrument error			"	"	—

Comments:

Reviewed By: ____

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG85403 Analyst MES
Analysis Date 10/6/00 Instrument HP459

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M1206608	NA	7	WG85403 20.0 PPB STD	10mL	1	✓	1	NA	SV69-3D	SV68-21/SV69-5	—
6609		8	10.0			✓					—
6610		9	50.0			✓					—
6611		10	100.0			✓					—
6612		11	200.0			✓					—
6613		12	system blank			✓			—		—
6614		13	"			✓			—		—
6615		14	WG85403 0.5 PPB STD			✓			SV69-30		—
6616		15	" 1.0 "			✓			"		—
6617		16	WG85403 20PPB ALT SRC			RR			SV68-45		—
6618		17	"			✓			"		2230

MS 10/6/00

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG85809

Analysis Date 10/16/00

Analyst RSS

Instrument HPMS9

Daily Check	
helium >500 psi	✓
bake out column	—
check disk space	—
Backed up previous day's data	—
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: Low 2-CLB response and other target compounds. RSS 10/16/00

Action Taken: changed temp Lot # 092900. RSS 10/16/00

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M1218-71	NA	1	WG85809-01 BFB 50NG STD	5ml	NA		1	NA	SV69-11	~~SV70-02~~ SV70-03 ~~SV70-04~~ SV70-05	0859
-72		2	-02 CCV 50 PPB STD	10ml					SV69-38	SV70-03 69-05	
-73		2	-02 CCV 50 PPB STD						SV69-38		
-74		3	-03 VBLANK 1016						—		
-75		4	-04 LCS 20 PPB ALT STD						SV69-50		
-76		1	-01 BFB 50NG STD	5ml					SV69-11		1411
-77		2	-02 CCV 50 PPB STD	10ml					SV69-38		
-78		3	-03 VBLANK 1016						—		
-79	—	4	-04 LCS 20 PPB ALT STD						SV69-50		
-80	<2	5	100/0192-06 DUP-W-023 826-DUP-LET						NA		
9M1	1	C	-08								1715

Reviewed By: _____

Comments: Data

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WC95809
Analysis Date 10/10/00

Analyst RSS
Instrument HPMS7

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M12882	NA	7	L0010205-13 100X BRKAFB-016 8260-TC	500ml / 50ml	100X	RR @ 10,000X	1		NA	SV70-03 VA-05	1734
83		8	-14 100X			RR @ 10,000X					
84		9	-14 MS 100X			→		NA	SV6250		
85		10	-14 MSD 100X			→					
86		11	-15 100X			~~RR 10X~~ done		NA	NA		
87	C2	12	L0010212-06 ITLORPBH-398 8260-SPIKE	10ml	NA	→		NA			
88		13	-01			→					
89		14	-02			RR @ 10X					
90		15	-03			RR C/O					
91		16	-05			RR @ 10X					
92		17	-04 1000X	50ml/50ml	1000	RR @ 10X					
93	C2	18	L0010028-17 BRKAFB-016 M8260	10ml	NA	→		NA			
94		19	-23			→					
95		20	-07 10X	5ml/50ml	10X	→					
96		21	-21 100X	500ml/50ml	100X	→ RR 10X w/ MS/MSD					
97		22	-19 10X	5ml/50ml	10X	→ RR 100X		9M12834 RR 10/11/00			0220
98	NA	23	SYSTEM BLANK	10ml	NA	→					
99	5	24	L0010310-02 100X UCCLELENKCOMP-ITH 624-UCLVOA	500ml/50ml	100X	→	2				
900	NA	25	LCS 20 PPB ALT 5 TD	10ml	NA	→	1				0364
						25 10/12/00					

Comments:

Reviewed By:

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SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG85865
Analysis Date 10/17/00 AM

Analyst RSS
Instrument HPMS9

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: NA

Action Taken: NA

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M12901	NA	1	WG85865-01 BFB 50NG STD	5ml	NA		1	NA	SV69-11	—	0827
02		2	-02 CCV 50PPB STD	10ml					SV69-38	SV70-02/6285	
03		3	-03 VBLANK WG7						—		
04		4	-04 LCS 20 WG ALT STD						SV69-50		
05		5	400103123-03 ITC00PDA-399 SZL-SAC40						NA		
06	NA	6	-02 10X	5ml/50ml	10X	RR @ 100X		9M12918			
07		7	-04 10X			RR start					
08		8	-05 10X					NA			
09		9	WG85865-06 -05 MS 10X						SV69-50		
10		10	WG85865-07 -05 MSD 10X								
11		11	400103205-13 10000X BRKRTB-016 SZL-TC	5ml/50ml	1000				—		1414

Comments:

Reviewed By: MA

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
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SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG45865
Analysis Date 10/17/00 AM

Analyst ISF
Instrument HPMS9

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M12912	NA	12	L001020S-14 10000X BEHBF8-010 8260-TC	5ml/50ml	10000X		1	NA	NA	SV70-02/6805	1445
13		13	-17 10X	5ml/50ml	10X						
14		14	L001020S4-21 10X PPG-093 8260-TC								
15		15	-02 10X								
16		16	-03 10X								
17		17	-04 10X								
18		18	L001020S2-02 100X TTCORP01-398 (324 SOLVENT)	500ml/50ml	100X						
19		19	L001020S4-21 10X BEHAF8-016 NS260	5ml/50ml	10X						1824

RSS 10/18/00

Reviewed By: [signature]

Comments:

√ = Compliant Analysis, Reanalysis complete
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IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG 85936
Analysis Date 10-18-00

Analyst Cms
Instrument HPMS 2

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	—
replace liner	—
clip column (___ cm)	—
change helium	—

Additional Maintenance

Problem: _____

Action Taken: Rej. 10-19-00

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analy Time
39204 39529	NA	1	WG85936-01 50 ML REB STD	5ml	NA	✓	1	NA	SV6911	NA	072
530		2	-02 50 PPB STD	10ml		✓				SV6931	—
10:00 531		3	-03 VBLK 1018			✓			NA		—
532		4	-03			✓					—
533		5	-03			✓					—
534		6	-03			✓					—
535		7	WG85936-01 50 ML REB	5ml		✓			SV6911	NA	160
536		8	-02 50 PPB STD	10ml		✓			SV7010	SV6931	—
537		9	-03 200			✓					—
538		10	-04 10			✓					—
539		11	-05 5			✓					—

Comments:

Reviewed By: _____

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG85936
Analysis Date 10-18-00

Analyst CMS
Instrument HP MS 2

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M39540	NA	12	WG85936-06 1 PPB STD	10ml	NA	✓	1	NA	SV7050	37011 SV6821	—
541		13	-07 0.5			✓					—
542		14	-08 100			✓					—
543		15	-09 200			RR HH2O		2M39545			—
544		16	System Blank			✓		NA	NA		—
545		17	WG85936-09 200 PPB STD			RR ✓			SV7010		—
546	NA	18	System Blank			✓			NA		—
547	1	19	WG85936-10 20 PPB Hr Soil			Dilution			SV-LB-50		0038

10-18-00

Reviewed By: _____

Comments:

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IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
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C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

4 of 23

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG86007
Analysis Date 10/19/00

Analyst CMS
Instrument HPMS 2

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	–
replace liner	–
clip column (___ cm)	–
change helium	–

Additional Maintenance

Problem: _____

Action Taken: 10.19.00

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M39548	NA	1	WG86008-01 BFB 50NG STD	5ml	NA	✓	1	2M39549	SV6911	NA	–
549		2	-01 ″ ″ ″	1	1	✓		NA	1	1	0757
550		3	-02 50 PPB STD	10ml	1	✓			SV7010	SV7011 2V6951	–
551		4	-03 EST SOIL MB 1019 100X	5g/10ml	100	✓			NA		–
552		5	-04 EST SOIL LCS 100X	5g/10ml	100	✓			IV6950		–
553		6	WG86020-03 VBLK 1019	10ml	NA	✓			NA		–
554		7	-04 20 PPB LCS	1	1	✓			2V6950		–
555	↓	8	L00102-47 -02 100X CL 826-CGBETX-A2	1ml/50ml	100	✓			NA		–
556	NA	9	WG86020 -05 100X IR APPIX STD	10ML	NA	✓			SV7017		–
557	7	10	L00102-12 -04 ICCRP 624-Mix TANK	1	1	✓			NA		–
558	12	11	L00102-69-02 Mixture 826-A2	1	1	✓			1		–

Reviewed By: _____

Comments:

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RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG86008
Analysis Date 10-19-00

Analyst CMS
Instrument HP5972

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M39559	L2	12	L001033Z -01 Milliwaste 8260-Ag	10ml	NA	✓	1	NA	NA	SV7011 SV6931	—
560		13	-02			✓			1		—
561		14	-02ms			✓			SV6950		—
562		15	-02msd			✓			1		—
563		16	-03			✓			NA		—
564		17	-04			✓					—
565		18	-05			✓					—
566		19	-06			✓					—
567		20	-07			✓					—
568		21	-08			✓					1907

10-19-00

Reviewed By: [signature]

Comments:

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RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
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CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 2 - (8260B)
2 MSV10 Revision 1 - (624)

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L0012234
Report Date: 01/31/01
Work ID: 778165/PPG-OAK CREEK,WI
Date Received: 12/09/00

PO Number: 778165
Account Number: ITCORPOH-398
Invoice Number: 550372

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0012234-01	TF-1	L0012234-02	TF-2
L0012234-03	TF-3	L0012234-04	TF-4
L0012234-05	SUMP	L0012234-06	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-01
Client Sample ID: TF-1
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/21/00 Time: 19:04

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS9
Analyst: MES
Lab File ID: 9M13824

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R109314
Batch : WG89188

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	10		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.1	(86 - 118%)
1,2-Dichloroethane-d4	93.7	(80 - 120%)
Toluene-d8	93.3	(88 - 110%)
4-Bromofluorobenzene	99.6	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-02
Client Sample ID: TF-2
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/16/00 Time: 20:17

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M40868

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R108796
Batch : WG88875

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	430	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	63	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	107	(86 - 118%)
1,2-Dichloroethane-d4	109	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-03
Client Sample ID: TF-3
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/19/00 Time: 19:23

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M40925

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R108938
Batch : WG89034

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	21		5.0	1
95-47-6	o-Xylene	ug/L	48		5.0	1
108-38-3	m-Xylene	ug/L	130	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96.3	(86 - 118%)
1,2-Dichloroethane-d4	89.6	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL = Reporting Limit

Login #L0012234
January 31, 2001 04:45 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-04
Client Sample ID: TF-4
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/20/00 Time: 01:57

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M40936

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R108941
Batch : WG89034

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	150		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	32	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	102	(86 - 118%)
1,2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	99.1	(88 - 110%)
4-Bromofluorobenzene	102	(86 - 115%)

RL = Reporting Limit

Login #L0012234
January 31, 2001 04:45 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-05
Client Sample ID: SUMP
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/19/00 Time: 18:48

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M40924

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R108938
Batch : WG89034

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	32		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	49		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	10		5.0	1
95-47-6	o-Xylene	ug/L	25		5.0	1
108-38-3	m-Xylene	ug/L	87	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.9	(86 - 118%)
1,2-Dichloroethane-d4	92.6	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	102	(86 - 115%)

RL = Reporting Limit

Login #L0012234
January 31, 2001 04:45 pm

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0012234-06
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG-OAK CREEK,WI
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 12/16/00 Time: 19:41

Dil. Type: N/A
COC Info: 21224/

Date Collected: 12/08/00

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M40867

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R108796
Batch : WG88875

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1
	SURROGATES- In Percent Recovery:					
	Dibromofluoromethane		108	(86 - 118%)		
	1,2-Dichloroethane-d4		111	(80 - 120%)		
	Toluene-d8		105	(88 - 110%)		
	4-Bromofluorobenzene		106	(86 - 115%)		

RL = Reporting Limit

Order #: 00-12-234
January 31, 2001 04:45 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG88875	R108796	L0012234-02		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS
WG88875	R108796	L0012234-06		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS
WG89034	R108938	L0012234-03		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS
WG89034	R108941	L0012234-04		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS
WG89034	R108938	L0012234-05		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS
WG89188	R109314	L0012234-01		Water	Special List - 8260	8260B\5030B	08-DEC-2000	Volatile - GC/MS

Quanterra Incorporated
5815 Middlebrook Pike
Knoxville, Tennessee 37921

423 588-6401 Telephone
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ANALYTICAL REPORT

PPG Pilot Plant

Lot #: H9F240138

Chris Pike

IT Corporation - Monroeville E

2790 Mosside Blvd
Monroeville, PA 15146

QUANTERRA INCORPORATED

J. Thomas Yoder
Project Manager

July 2, 1999

SAMPLE SUMMARY

H9F240138

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
CX9KX	001	INFLUENT	06/23/99	08:50
CX9L0	002	EFFLUENT	06/23/99	09:00
CX9L3	003	SVE 1	06/23/99	09:10
CX9L7	004	SVE 2	06/23/99	09:20
CX9L8	005	SVE 3	06/23/99	09:30
CX9L9	006	SVE 4	06/23/99	09:40

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

H9F240138

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

PROJECT NARRATIVE

The results reported herein are applicable to the samples submitted for analysis only.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

All holding times and QC criteria were met.

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Quanterra Incorporated, Knoxville Laboratory maintains the following certifications, approvals and accreditations: California ELAP Cert. #2100, Connecticut DPH Cert. #PH-0233, Florida DOH SDWA Cert. #87293, Florida DOH Environmental Water Cert. #E87177, Florida DEP CompQAP #880566, Georgia EPD by US EPA Region IV, Hawaii DOH, Kentucky DEP Lab ID #90101, Maryland DHMH Cert. #277, Massachusetts Cert. #M-TN009, New York DOH Lab #10781, North Carolina DEHNR Cert. #64, North Dakota DOHCL Cert. #R-134, Ohio EPA VAP #CL0059, Oklahoma DEQ ID #9415, South Carolina DHEC Lab ID #84001, Tennessee DOH Lab ID #02014, Tennessee DEC UST, Utah DOH Cust. ID QUAN#, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, AALA Cert. #486.01, US Army Corps of Engineers, Naval Facilities Engineering Service Center, and USDA Soil Permit #S-3929. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: INFLUENT

GC/MS Volatiles

Lot-Sample #...: H9F240138-001 **Work Order #...:** CX9KX101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 06/30/99
Prep Batch #...: 9181280
Dilution Factor: 8729.5 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1700	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1700	ppb(v/v)
Chloromethane	ND	4400	ppb(v/v)
Vinyl chloride	ND	1700	ppb(v/v)
Bromomethane	ND	1700	ppb(v/v)
Chloroethane	ND	1700	ppb(v/v)
Trichlorofluoromethane	ND	1700	ppb(v/v)
1,1-Dichloroethene	ND	1700	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1700	ppb(v/v)
Methylene chloride	ND	1700	ppb(v/v)
1,1-Dichloroethane	ND	1700	ppb(v/v)
cis-1,2-Dichloroethene	ND	1700	ppb(v/v)
Chloroform	ND	1700	ppb(v/v)
1,1,1-Trichloroethane	ND	1700	ppb(v/v)
Carbon tetrachloride	ND	1700	ppb(v/v)
Benzene	ND	1700	ppb(v/v)
1,2-Dichloroethane	ND	1700	ppb(v/v)
Trichloroethene	ND	1700	ppb(v/v)
1,2-Dichloropropane	ND	1700	ppb(v/v)
cis-1,3-Dichloropropene	ND	1700	ppb(v/v)
Toluene	**110000**	**1700**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	1700	ppb(v/v)
1,1,2-Trichloroethane	ND	1700	ppb(v/v)
Tetrachloroethene	ND	1700	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	1700	ppb(v/v)
Chlorobenzene	ND	1700	ppb(v/v)
Ethylbenzene	**22000**	**1700**	**ppb(v/v)**
m-Xylene & p-Xylene	**63000**	**1700**	**ppb(v/v)**
o-Xylene	**8600**	**1700**	**ppb(v/v)**
Styrene	ND	1700	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	1700	ppb(v/v)
1,3,5-Trimethylbenzene	ND	1700	ppb(v/v)
1,2,4-Trimethylbenzene	ND	1700	ppb(v/v)
1,3-Dichlorobenzene	ND	1700	ppb(v/v)
1,4-Dichlorobenzene	ND	1700	ppb(v/v)
1,2-Dichlorobenzene	ND	1700	ppb(v/v)
Benzyl chloride	ND	1700	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: INFLUENT

GC/MS Volatiles

Lot-Sample #...: H9F240138-001 **Work Order #...:** CX9KX101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	1700	ppb(v/v)
Hexachlorobutadiene	ND	1700	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	92	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H9F240138-002 **Work Order #...:** CX9L0101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 06/30/99
Prep Batch #...: 9181280
Dilution Factor: 2.25 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**0.76**	**0.45**	**ppb(v/v)**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.45	ppb(v/v)
Chloromethane	**13**	**1.1**	**ppb(v/v)**
Vinyl chloride	ND	0.45	ppb(v/v)
Bromomethane	ND	0.45	ppb(v/v)
Chloroethane	ND	0.45	ppb(v/v)
Trichlorofluoromethane	ND	0.45	ppb(v/v)
1,1-Dichloroethene	ND	0.45	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.45	ppb(v/v)
Methylene chloride	**3.6**	**0.45**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.45	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.45	ppb(v/v)
Chloroform	ND	0.45	ppb(v/v)
1,1,1-Trichloroethane	ND	0.45	ppb(v/v)
Carbon tetrachloride	ND	0.45	ppb(v/v)
Benzene	ND	0.45	ppb(v/v)
1,2-Dichloroethane	ND	0.45	ppb(v/v)
Trichloroethene	ND	0.45	ppb(v/v)
1,2-Dichloropropane	ND	0.45	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.45	ppb(v/v)
Toluene	**13**	**0.45**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	0.45	ppb(v/v)
1,1,2-Trichloroethane	ND	0.45	ppb(v/v)
Tetrachloroethene	ND	0.45	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.45	ppb(v/v)
Chlorobenzene	ND	0.45	ppb(v/v)
Ethylbenzene	**7.0**	**0.45**	**ppb(v/v)**
m-Xylene & p-Xylene	**33**	**0.45**	**ppb(v/v)**
o-Xylene	**5.9**	**0.45**	**ppb(v/v)**
Styrene	**0.97**	**0.45**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	0.45	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.45	ppb(v/v)
1,2,4-Trimethylbenzene	ND	0.45	ppb(v/v)
1,3-Dichlorobenzene	ND	0.45	ppb(v/v)
1,4-Dichlorobenzene	ND	0.45	ppb(v/v)
1,2-Dichlorobenzene	ND	0.45	ppb(v/v)
Benzyl chloride	ND	0.45	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H9F240138-002 **Work Order #...:** CX9L0101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	0.45	ppb(v/v)
Hexachlorobutadiene	ND	0.45	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	93	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 1

GC/MS Volatiles

Lot-Sample #...: H9F240138-003 **Work Order #...:** CX9L3101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 06/30/99
Prep Batch #...: 9181280
Dilution Factor: 39525.98 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	7900	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	7900	ppb(v/v)
Chloromethane	ND	20000	ppb(v/v)
Vinyl chloride	ND	7900	ppb(v/v)
Bromomethane	ND	7900	ppb(v/v)
Chloroethane	ND	7900	ppb(v/v)
Trichlorofluoromethane	ND	7900	ppb(v/v)
1,1-Dichloroethene	ND	7900	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	7900	ppb(v/v)
Methylene chloride	ND	7900	ppb(v/v)
1,1-Dichloroethane	ND	7900	ppb(v/v)
cis-1,2-Dichloroethene	ND	7900	ppb(v/v)
Chloroform	ND	7900	ppb(v/v)
1,1,1-Trichloroethane	ND	7900	ppb(v/v)
Carbon tetrachloride	ND	7900	ppb(v/v)
Benzene	ND	7900	ppb(v/v)
1,2-Dichloroethane	ND	7900	ppb(v/v)
Trichloroethene	ND	7900	ppb(v/v)
1,2-Dichloropropane	ND	7900	ppb(v/v)
cis-1,3-Dichloropropene	ND	7900	ppb(v/v)
Toluene	**320000**	**7900**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	7900	ppb(v/v)
1,1,2-Trichloroethane	ND	7900	ppb(v/v)
Tetrachloroethene	ND	7900	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	7900	ppb(v/v)
Chlorobenzene	ND	7900	ppb(v/v)
Ethylbenzene	**150000**	**7900**	**ppb(v/v)**
m-Xylene & p-Xylene	**990000**	**7900**	**ppb(v/v)**
o-Xylene	**170000**	**7900**	**ppb(v/v)**
Styrene	**16000**	**7900**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	7900	ppb(v/v)
1,3,5-Trimethylbenzene	ND	7900	ppb(v/v)
1,2,4-Trimethylbenzene	ND	7900	ppb(v/v)
1,3-Dichlorobenzene	ND	7900	ppb(v/v)
1,4-Dichlorobenzene	ND	7900	ppb(v/v)
1,2-Dichlorobenzene	ND	7900	ppb(v/v)
Benzyl chloride	ND	7900	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 1

GC/MS Volatiles

Lot-Sample #...: H9F240138-003 **Work Order #...:** CX9L3101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	7900	ppb(v/v)
Hexachlorobutadiene	ND	7900	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	94	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 2

GC/MS Volatiles

Lot-Sample #...: H9F240138-004 **Work Order #...:** CX9L7101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 06/30/99
Prep Batch #...: 9181280
Dilution Factor: 7857.64 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1600	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1600	ppb(v/v)
Chloromethane	ND	3900	ppb(v/v)
Vinyl chloride	ND	1600	ppb(v/v)
Bromomethane	ND	1600	ppb(v/v)
Chloroethane	ND	1600	ppb(v/v)
Trichlorofluoromethane	ND	1600	ppb(v/v)
1,1-Dichloroethene	ND	1600	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1600	ppb(v/v)
Methylene chloride	**2300**	**1600**	**ppb(v/v)**
1,1-Dichloroethane	ND	1600	ppb(v/v)
cis-1,2-Dichloroethene	ND	1600	ppb(v/v)
Chloroform	ND	1600	ppb(v/v)
1,1,1-Trichloroethane	ND	1600	ppb(v/v)
Carbon tetrachloride	ND	1600	ppb(v/v)
Benzene	ND	1600	ppb(v/v)
1,2-Dichloroethane	ND	1600	ppb(v/v)
Trichloroethene	ND	1600	ppb(v/v)
1,2-Dichloropropane	ND	1600	ppb(v/v)
cis-1,3-Dichloropropene	ND	1600	ppb(v/v)
Toluene	**72000**	**1600**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	1600	ppb(v/v)
1,1,2-Trichloroethane	ND	1600	ppb(v/v)
Tetrachloroethene	ND	1600	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	1600	ppb(v/v)
Chlorobenzene	ND	1600	ppb(v/v)
Ethylbenzene	**39000**	**1600**	**ppb(v/v)**
m-Xylene & p-Xylene	**210000**	**1600**	**ppb(v/v)**
o-Xylene	**36000**	**1600**	**ppb(v/v)**
Styrene	**2200**	**1600**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	1600	ppb(v/v)
1,3,5-Trimethylbenzene	ND	1600	ppb(v/v)
1,2,4-Trimethylbenzene	**2100**	**1600**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	1600	ppb(v/v)
1,4-Dichlorobenzene	ND	1600	ppb(v/v)
1,2-Dichlorobenzene	ND	1600	ppb(v/v)
Benzyl chloride	ND	1600	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 2

GC/MS Volatiles

Lot-Sample #...: H9F240138-004 Work Order #...: CX9L7101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	1600	ppb(v/v)
Hexachlorobutadiene	ND	1600	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	94	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 3

GC/MS Volatiles

Lot-Sample #...: H9F240138-005 **Work Order #...:** CX9L8101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 07/01/99
Prep Batch #...: 9181280
Dilution Factor: 32888.84 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	6600	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	6600	ppb(v/v)
Chloromethane	ND	16000	ppb(v/v)
Vinyl chloride	ND	6600	ppb(v/v)
Bromomethane	ND	6600	ppb(v/v)
Chloroethane	ND	6600	ppb(v/v)
Trichlorofluoromethane	ND	6600	ppb(v/v)
1,1-Dichloroethene	ND	6600	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	6600	ppb(v/v)
Methylene chloride	ND	6600	ppb(v/v)
1,1-Dichloroethane	ND	6600	ppb(v/v)
cis-1,2-Dichloroethene	ND	6600	ppb(v/v)
Chloroform	ND	6600	ppb(v/v)
1,1,1-Trichloroethane	ND	6600	ppb(v/v)
Carbon tetrachloride	ND	6600	ppb(v/v)
Benzene	ND	6600	ppb(v/v)
1,2-Dichloroethane	ND	6600	ppb(v/v)
Trichloroethene	ND	6600	ppb(v/v)
1,2-Dichloropropane	ND	6600	ppb(v/v)
cis-1,3-Dichloropropene	ND	6600	ppb(v/v)
Toluene	**170000**	**6600**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	6600	ppb(v/v)
1,1,2-Trichloroethane	ND	6600	ppb(v/v)
Tetrachloroethene	ND	6600	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	6600	ppb(v/v)
Chlorobenzene	ND	6600	ppb(v/v)
Ethylbenzene	**98000**	**6600**	**ppb(v/v)**
m-Xylene & p-Xylene	**380000**	**6600**	**ppb(v/v)**
o-Xylene	**62000**	**6600**	**ppb(v/v)**
Styrene	ND	6600	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	6600	ppb(v/v)
1,3,5-Trimethylbenzene	ND	6600	ppb(v/v)
1,2,4-Trimethylbenzene	ND	6600	ppb(v/v)
1,3-Dichlorobenzene	ND	6600	ppb(v/v)
1,4-Dichlorobenzene	ND	6600	ppb(v/v)
1,2-Dichlorobenzene	ND	6600	ppb(v/v)
Benzyl chloride	ND	6600	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 3

GC/MS Volatiles

Lot-Sample #...: H9F240138-005 **Work Order #...:** CX9L8101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	6600	ppb(v/v)
Hexachlorobutadiene	ND	6600	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	92	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 4

GC/MS Volatiles

Lot-Sample #...: H9F240138-006 **Work Order #...:** CX9L9101 **Matrix.....:** AIR
Date Sampled...: 06/23/99 **Date Received..:** 06/24/99
Prep Date.....: 06/30/99 **Analysis Date..:** 06/30/99
Prep Batch #...: 9181280
Dilution Factor: 8374.63 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	1700	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1700	ppb(v/v)
Chloromethane	ND	4200	ppb(v/v)
Vinyl chloride	ND	1700	ppb(v/v)
Bromomethane	ND	1700	ppb(v/v)
Chloroethane	ND	1700	ppb(v/v)
Trichlorofluoromethane	ND	1700	ppb(v/v)
1,1-Dichloroethene	ND	1700	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	1700	ppb(v/v)
Methylene chloride	ND	1700	ppb(v/v)
1,1-Dichloroethane	ND	1700	ppb(v/v)
cis-1,2-Dichloroethene	ND	1700	ppb(v/v)
Chloroform	ND	1700	ppb(v/v)
1,1,1-Trichloroethane	ND	1700	ppb(v/v)
Carbon tetrachloride	ND	1700	ppb(v/v)
Benzene	ND	1700	ppb(v/v)
1,2-Dichloroethane	ND	1700	ppb(v/v)
Trichloroethene	ND	1700	ppb(v/v)
1,2-Dichloropropane	ND	1700	ppb(v/v)
cis-1,3-Dichloropropene	ND	1700	ppb(v/v)
Toluene	**130000**	**1700**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	1700	ppb(v/v)
1,1,2-Trichloroethane	ND	1700	ppb(v/v)
Tetrachloroethene	ND	1700	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	1700	ppb(v/v)
Chlorobenzene	ND	1700	ppb(v/v)
Ethylbenzene	**69000**	**1700**	**ppb(v/v)**
m-Xylene & p-Xylene	**140000**	**1700**	**ppb(v/v)**
o-Xylene	**25000**	**1700**	**ppb(v/v)**
Styrene	ND	1700	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	1700	ppb(v/v)
1,3,5-Trimethylbenzene	**2200**	**1700**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**3100**	**1700**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	1700	ppb(v/v)
1,4-Dichlorobenzene	ND	1700	ppb(v/v)
1,2-Dichlorobenzene	ND	1700	ppb(v/v)
Benzyl chloride	ND	1700	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE 4

GC/MS Volatiles

Lot-Sample #...: H9F240138-006 Work Order #...: CX9L9101 Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	1700	ppb(v/v)
Hexachlorobutadiene	ND	1700	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	103	(70 - 130)
4-Bromofluorobenzene	93	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H9F240138 **Work Order #...:** CXJ2C101 **Matrix.....:** AIR
MB Lot-Sample #: H9F300000-280

Prep Date.....: 06/30/99
Analysis Date..: 06/30/99 **Prep Batch #...:** 9181280
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	0.50	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Toluene	ND	0.20	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
o-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Styrene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Hexachlorobutadiene	ND	0.20	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H9F240138 **Work Order #...:** CXJ2C101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Quanterra
Environmental Services
5815 Middlebrook Pike
Knoxville, Tennessee 37921
(423) 588-6401

1495-240138

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 5974
Page 1 of ____

Project Name/No. [1] PPG OAKCREEK
Sample Team Members [2] C. PIKE / R. PHILLIPS
Profit Center No. [3]
Project Manager [4] C. PIKE
Purchase Order No. [6] 778165
Required Report Date [11] NORMAL

Samples Shipment Date [7] 6-23-99
Lab Destination [8] KNOXVILLE TN
Lab Contact [9] TOM YODER
Project Contact/Phone [12] 412.372-7701
Carrier/Waybill No. [13] FED EX

Bill to: [5] I.T. CORP
FINDLEY, OH.

Report to: [10] CHRIS PIKE
2790 MOSSIDE BLVD
MONROE VILLE, PA 15146

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Pre-servative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
INFLUENT	AIR	0850 6-23-99	AIR	1 S.S. CANISTER	NO	TO-14	FOR LAB USE ONLY	
EFFLUENT	"	0900	"	"	"	"		
SVE-1	"	0910	"	"	"	"		
SVE-2	"	0920	"	"	"	"	No custody seals received at ambient	
SVE-3	"	0930	"	"	"	"		
SVE-4	"	0940	"	"	"	"	FOR LAB USE ONLY 6-24-99	

Special Instructions: [23]

Possible Hazard Identification: [24]
Non-hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☒

Sample Disposal: [25]
Return to Client ☐ Disposal by Lab ☒ Archive ____ (mos.)

Turnaround Time Required: [26]
Normal ☒ Rush ☐

QC Level: [27]
I. ☐ II. ☐ III. ☐ Project Specific (specify):

1. Relinquished by [28] (Signature/Affiliation) R. PHILLIPS / R. Phillips	Date: 6-23-99 Time: 1400	1. Received by [28] (Signature/Affiliation) Bunjamin K Jamison	Date: 6-24-99 Time: 0913.0
2. Relinquished by (Signature/Affiliation)	Date: Time:	2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:	3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

19

*See back of form for special instructions.

MCA 3.15.91

Quanterra Incorporated
5815 Middlebrook Pike
Knoxville, Tennessee 37921

423 588-6401 Telephone
423 584-4315 Fax

ANALYTICAL REPORT

Oak Creek

Lot #: H9J070174

Guy Gallello

IT Corporation

16406 US Rt 224 East
Finlay, OH 45840

QUANTERRA INCORPORATED



Jamie A. McKinney
Project Manager

October 21, 1999

SAMPLE SUMMARY

H9J070174

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
D3D4N	001	OVERALL INFLUENT	10/05/99	13:00
D3D4W	002	EFFLUENT	10/05/99	13:15
D3D4X	003	SVE-1	10/05/99	13:30
D3D52	004	SVE-2	10/05/99	13:45
D3D55	005	SVE-3	10/05/99	14:00
D3D57	006	SVE-4	10/05/99	14:15

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

H9J070174

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

PROJECT NARRATIVE
H9J070174

The results reported herein are applicable to the samples submitted for analysis only.

The original chain of custody's are included with this report.

Sample Receipt

The sample cooler was received at Quanterra Knoxville without custody seals present/intact.

Quality Control

All holding times and QC criteria were met.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quanterra Incorporated, Knoxville Laboratory maintains the following certifications, approvals and accreditations: California ELAP Cert. #2100, Connecticut DPH Cert. #PH-0233, Florida DOH SDWA Cert. #87293, Florida DOH Environmental Water Cert. #E87177, Florida DEP CompQAP #880566, Georgia EPD by US EPA Region IV, Hawaii DOH, Kentucky DEP Lab ID #90101, Maryland DHMH Cert. #277, Massachusetts Cert. #M-TN009, New York DOH Lab #10781, North Carolina DEHNR Cert. #64, North Dakota DOHCL Cert. #R-134, Ohio EPA VAP #CL0059, Oklahoma DEQ ID #9415, South Carolina DHEC Lab ID #84001, Tennessee DOH Lab ID #02014, Tennessee DEC UST, Utah DOH Cust. ID QUAN#, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, AALA Cert. #486.01, US Army Corps of Engineers, Naval Facilities Engineering Service Center, and USDA Soil Permit #S-3929. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

Volatiles

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 001
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4N101 Date Extracted:10/15/99
Dilution factor: 9862.12 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: OVERALL INFLUENT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	2000	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	2000	U
74-87-3	Chloromethane	4900	U
75-01-4	Vinyl chloride	2000	U
74-83-9	Bromomethane	2000	U
75-00-3	Chloroethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
75-35-4	1,1-Dichloroethene	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	2000	U
75-09-2	Methylene chloride	2000	U
75-34-3	1,1-Dichloroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	2000	U
67-66-3	Chloroform	2000	U
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon tetrachloride	2000	U
71-43-2	Benzene	2000	U
107-06-2	1,2-Dichloroethane	2000	U
79-01-6	Trichloroethene	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
108-88-3	**Toluene**	**32000**	
10061-02-6	trans-1,3-Dichloropropene	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
127-18-4	Tetrachloroethene	2000	U
106-93-4	1,2-Dibromoethane (EDB)	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	**Ethylbenzene**	**23000**	
136777-61-2	**m-Xylene & p-Xylene**	**120000**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 001
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4N101 Date Extracted:10/15/99
Dilution factor: 9862.12 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: OVERALL INFLUENT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**34000**	
100-42-5	**Styrene**	**12000**	
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-67-8	**1,3,5-Trimethylbenzene**	**2900**	
95-63-6	**1,2,4-Trimethylbenzene**	**2800**	
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
100-44-7	Benzyl chloride	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
87-68-3	Hexachlorobutadiene	2000	U

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 002
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4W101 Date Extracted:10/15/99
Dilution factor: 2.07 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: EFFLUENT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	0.41	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	0.41	U
74-87-3	Chloromethane	1.0	U
75-01-4	Vinyl chloride	0.41	U
74-83-9	Bromomethane	0.41	U
75-00-3	Chloroethane	0.41	U
75-69-4	Trichlorofluoromethane	0.41	U
75-35-4	1,1-Dichloroethene	0.41	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	0.41	U
75-09-2	**Methylene chloride**	**1.0**	
75-34-3	1,1-Dichloroethane	0.41	U
156-59-2	cis-1,2-Dichloroethene	0.41	U
67-66-3	Chloroform	0.41	U
71-55-6	1,1,1-Trichloroethane	0.41	U
56-23-5	Carbon tetrachloride	0.41	U
71-43-2	Benzene	0.41	U
107-06-2	1,2-Dichloroethane	0.41	U
79-01-6	Trichloroethene	0.41	U
78-87-5	1,2-Dichloropropane	0.41	U
10061-01-5	cis-1,3-Dichloropropene	0.41	U
108-88-3	**Toluene**	**2.1**	
10061-02-6	trans-1,3-Dichloropropene	0.41	U
79-00-5	1,1,2-Trichloroethane	0.41	U
127-18-4	Tetrachloroethene	0.41	U
106-93-4	1,2-Dibromoethane (EDB)	0.41	U
108-90-7	Chlorobenzene	0.41	U
100-41-4	**Ethylbenzene**	**1.4**	
136777-61-2	**m-Xylene & p-Xylene**	**7.4**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 002
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4W101 Date Extracted:10/15/99
Dilution factor: 2.07 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: EFFLUENT

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**2.0**	
100-42-5	**Styrene**	**1.5**	
79-34-5	1,1,2,2-Tetrachloroethane	0.41	U
108-67-8	1,3,5-Trimethylbenzene	0.41	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.56**	
541-73-1	1,3-Dichlorobenzene	0.41	U
106-46-7	1,4-Dichlorobenzene	0.41	U
95-50-1	1,2-Dichlorobenzene	0.41	U
100-44-7	Benzyl chloride	0.41	U
120-82-1	1,2,4-Trichlorobenzene	0.41	U
87-68-3	Hexachlorobutadiene	0.41	U

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 003
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4X101 Date Extracted:10/15/99
Dilution factor: 10080.9 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	2000	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	2000	U
74-87-3	Chloromethane	5000	U
75-01-4	Vinyl chloride	2000	U
74-83-9	Bromomethane	2000	U
75-00-3	Chloroethane	2000	U
75-69-4	Trichlorofluoromethane	2000	U
75-35-4	1,1-Dichloroethene	2000	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	2000	U
75-09-2	Methylene chloride	2000	U
75-34-3	1,1-Dichloroethane	2000	U
156-59-2	cis-1,2-Dichloroethene	2000	U
67-66-3	Chloroform	2000	U
71-55-6	1,1,1-Trichloroethane	2000	U
56-23-5	Carbon tetrachloride	2000	U
71-43-2	Benzene	2000	U
107-06-2	1,2-Dichloroethane	2000	U
79-01-6	Trichloroethene	2000	U
78-87-5	1,2-Dichloropropane	2000	U
10061-01-5	cis-1,3-Dichloropropene	2000	U
108-88-3	**Toluene**	**28000**	
10061-02-6	trans-1,3-Dichloropropene	2000	U
79-00-5	1,1,2-Trichloroethane	2000	U
127-18-4	Tetrachloroethene	2000	U
106-93-4	1,2-Dibromoethane (EDB)	2000	U
108-90-7	Chlorobenzene	2000	U
100-41-4	**Ethylbenzene**	**40000**	
136777-61-2	**m-Xylene & p-Xylene**	**150000**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 003
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D4X101 Date Extracted:10/15/99
Dilution factor: 10080.9 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-1

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**45000**	
100-42-5	**Styrene**	**51000**	
79-34-5	1,1,2,2-Tetrachloroethane	2000	U
108-67-8	1,3,5-Trimethylbenzene	2000	U
95-63-6	**1,2,4-Trimethylbenzene**	**2100**	
541-73-1	1,3-Dichlorobenzene	2000	U
106-46-7	1,4-Dichlorobenzene	2000	U
95-50-1	1,2-Dichlorobenzene	2000	U
100-44-7	Benzyl chloride	2000	U
120-82-1	1,2,4-Trichlorobenzene	2000	U
87-68-3	Hexachlorobutadiene	2000	U

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 004
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D52101 Date Extracted:10/15/99
Dilution factor: 9716.17 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	1900	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	1900	U
74-87-3	Chloromethane	4900	U
75-01-4	Vinyl chloride	1900	U
74-83-9	Bromomethane	1900	U
75-00-3	Chloroethane	1900	U
75-69-4	Trichlorofluoromethane	1900	U
75-35-4	1,1-Dichloroethene	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1900	U
75-09-2	Methylene chloride	1900	U
75-34-3	1,1-Dichloroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	1900	U
67-66-3	Chloroform	1900	U
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon tetrachloride	1900	U
71-43-2	Benzene	1900	U
107-06-2	1,2-Dichloroethane	1900	U
79-01-6	Trichloroethene	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
108-88-3	**Toluene**	**68000**	
10061-02-6	trans-1,3-Dichloropropene	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
127-18-4	Tetrachloroethene	1900	U
106-93-4	1,2-Dibromoethane (EDB)	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	**Ethylbenzene**	**29000**	
136777-61-2	**m-Xylene & p-Xylene**	**140000**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 004
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D52101 Date Extracted:10/15/99
Dilution factor: 9716.17 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-2

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**43000**	
100-42-5	**Styrene**	**2700**	
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-67-8	**1,3,5-Trimethylbenzene**	**2400**	
95-63-6	**1,2,4-Trimethylbenzene**	**2700**	
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
100-44-7	Benzyl chloride	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U
87-68-3	Hexachlorobutadiene	1900	U

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 005
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D55101 Date Extracted:10/15/99
Dilution factor: 9736.65 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	1900	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	1900	U
74-87-3	Chloromethane	4900	U
75-01-4	Vinyl chloride	1900	U
74-83-9	Bromomethane	1900	U
75-00-3	Chloroethane	1900	U
75-69-4	Trichlorofluoromethane	1900	U
75-35-4	1,1-Dichloroethene	1900	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	1900	U
75-09-2	Methylene chloride	1900	U
75-34-3	1,1-Dichloroethane	1900	U
156-59-2	cis-1,2-Dichloroethene	1900	U
67-66-3	Chloroform	1900	U
71-55-6	1,1,1-Trichloroethane	1900	U
56-23-5	Carbon tetrachloride	1900	U
71-43-2	Benzene	1900	U
107-06-2	1,2-Dichloroethane	1900	U
79-01-6	Trichloroethene	1900	U
78-87-5	1,2-Dichloropropane	1900	U
10061-01-5	cis-1,3-Dichloropropene	1900	U
108-88-3	**Toluene**	**19000**	
10061-02-6	trans-1,3-Dichloropropene	1900	U
79-00-5	1,1,2-Trichloroethane	1900	U
127-18-4	Tetrachloroethene	1900	U
106-93-4	1,2-Dibromoethane (EDB)	1900	U
108-90-7	Chlorobenzene	1900	U
100-41-4	**Ethylbenzene**	**28000**	
136777-61-2	**m-Xylene & p-Xylene**	**120000**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 005
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D55101 Date Extracted:10/15/99
Dilution factor: 9736.65 Date Analyzed: 10/16/99

QC Batch: 9289142

Client Sample Id: SVE-3

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**29000**	
100-42-5	**Styrene**	**2700**	
79-34-5	1,1,2,2-Tetrachloroethane	1900	U
108-67-8	**1,3,5-Trimethylbenzene**	**3400**	
95-63-6	**1,2,4-Trimethylbenzene**	**4100**	
541-73-1	1,3-Dichlorobenzene	1900	U
106-46-7	1,4-Dichlorobenzene	1900	U
95-50-1	1,2-Dichlorobenzene	1900	U
100-44-7	Benzyl chloride	1900	U
120-82-1	1,2,4-Trichlorobenzene	1900	U
87-68-3	Hexachlorobutadiene	1900	U

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 006
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D57101 Date Extracted:10/17/99
Dilution factor: 2617.02 Date Analyzed: 10/17/99

QC Batch: 9291157

Client Sample Id: SVE-4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
75-71-8	Dichlorodifluoromethane	520	U
76-14-2	1,2-Dichloro-1,1,2,2-tetrafl	520	U
74-87-3	Chloromethane	1300	U
75-01-4	Vinyl chloride	520	U
74-83-9	Bromomethane	520	U
75-00-3	Chloroethane	520	U
75-69-4	Trichlorofluoromethane	520	U
75-35-4	1,1-Dichloroethene	520	U
76-13-1	1,1,2-Trichloro-1,2,2-triflu	520	U
75-09-2	Methylene chloride	520	U
75-34-3	1,1-Dichloroethane	520	U
156-59-2	cis-1,2-Dichloroethene	520	U
67-66-3	Chloroform	520	U
71-55-6	1,1,1-Trichloroethane	520	U
56-23-5	Carbon tetrachloride	520	U
71-43-2	Benzene	520	U
107-06-2	1,2-Dichloroethane	520	U
79-01-6	Trichloroethene	520	U
78-87-5	1,2-Dichloropropane	520	U
10061-01-5	cis-1,3-Dichloropropene	520	U
108-88-3	**Toluene**	**9700**	
10061-02-6	trans-1,3-Dichloropropene	520	U
79-00-5	1,1,2-Trichloroethane	520	U
127-18-4	Tetrachloroethene	520	U
106-93-4	1,2-Dibromoethane (EDB)	520	U
108-90-7	Chlorobenzene	520	U
100-41-4	**Ethylbenzene**	**5400**	
136777-61-2	**m-Xylene & p-Xylene**	**36000**	

IT CORPORATION

Lab Name:QUANTERRA SDG Number:

Matrix: (soil/water) AIR Lab Sample ID:H9J070174 006
Method: EPA-19 TO-14
Volatile Organics, (GCMS-TO14 Low Level)-Air

Sample WT/Vol: / mL Date Received: 10/06/99
Work Order: D3D57101 Date Extracted:10/17/99
Dilution factor: 2617.02 Date Analyzed: 10/17/99

QC Batch: 9291157

Client Sample Id: SVE-4

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ppb(v	Q
95-47-6	**o-Xylene**	**6700**	
100-42-5	Styrene	520	U
79-34-5	1,1,2,2-Tetrachloroethane	520	U
108-67-8	**1,3,5-Trimethylbenzene**	**3600**	
95-63-6	**1,2,4-Trimethylbenzene**	**2100**	
541-73-1	1,3-Dichlorobenzene	520	U
106-46-7	1,4-Dichlorobenzene	520	U
95-50-1	1,2-Dichlorobenzene	520	U
100-44-7	Benzyl chloride	520	U
120-82-1	1,2,4-Trichlorobenzene	520	U
87-68-3	Hexachlorobutadiene	520	U

COC No. A 11736

109 Starlite Park
Marietta, OH 45750

KEMRON ENVIRONMENTAL SERVICES

QUANTERRA H9J070174

Phone: 740-373-4071
Fax: 740-373-4835

CHAIN-OF-CUSTODY RECORD

Company Name: IT CORP

Project Contact: GUY GALELLO

Contact Phone #:

Turn Around Requirements: 14-DAY

Location: IT - FINDLAY

Project #:

Project Name: PPG - OAK CREEK

Sampler (print): E. WALCZAK, C. PIKE

Signature: Christyl Pike

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	TO-14 - VOCs	ADDITIONAL REQUIREMENTS
OVERALL INFLUENT		X	10/5/99	1300			1		X	
EFFLUENT		X		1315			1		X	
SVE-1		X		1330			1		X	
SVE-2		X		1345			1		X	
SVE-3		X		1400			1		X	
SVE-4		X		1415			1		X	

Rec'd Temp Ambient
NO Custody seals
DF 10/6/99

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Christyl Pike	10/5/99	1430	~~Received by:~~ David D. Thorne		10-6-99	1000	

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:

*Homogenize all composite samples prior to analysis

Quanterra Incorporated
5815 Middlebrook Pike
Knoxville, Tennessee 37921

423 588-6401 Telephone
423 584-4315 Fax

ANALYTICAL REPORT

PROJECT NO. 778165

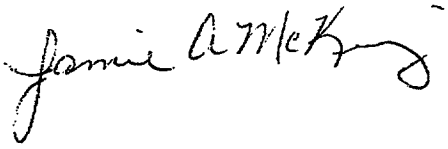
PPG Pilot Plant

Lot #: H0A120191

Chris Pike

IT Corporation - Monroeville E
2790 Mosside Blvd
Monroeville, PA 15146-2792

QUANTERRA INCORPORATED



Jamie A. McKinney
Project Manager

January 25, 2000

SAMPLE SUMMARY

H0A120191

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
D7C3R	001	OVERALL INFLUENT	01/11/00	09:00
D7C40	002	EFFLUENT	01/11/00	09:15
D7C41	003	SVE-1	01/11/00	09:30
D7C43	004	SVE-2	01/11/00	09:45
D7C46	005	SVE-3	01/11/00	10:00
D7C47	006	SVE-4	01/11/00	10:15

NOTE(S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

H0A120191

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

PROJECT NARRATIVE
HOA120191

The results reported herein are applicable to the samples submitted for analysis only.

The original chain of custodys are included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

All holding times and QC criteria were met.

This report shall not be reproduced except in full, without the written approval of the laboratory.

Quanterra Incorporated, Knoxville Laboratory maintains the following certifications, approvals and accreditations: Arkansas DPCE, California ELAP Cert. #2100, Connecticut DPH Cert. #PH-0233, Florida DOH SDWA Cert. #87293, Florida DOH Environmental Water Cert. #E87177, Florida DEP CompQAP #880566, Georgia DNR, Cert. #906, Hawaii DOH, Indiana DOH, Cert. #C-TN-02, Kentucky DEP Lab ID #90101, Maryland DHMH Cert. #277, Massachusetts Cert. #M-TN009, New Jersey DEP, Cert. #80001, New Mexico ED, New York DOH Lab #10781, North Carolina DEHNR Cert. #64, North Dakota DOHCL Cert. #R-134, Ohio EPA VAP #CL0059, Oklahoma DEQ ID #9415, South Carolina DHEC Lab ID #84001, Tennessee DOH Lab ID #02014, Tennessee DEC UST, Utah DOH Cust. ID QUAN#, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, AALA Cert. #486.01, US Army Corps of Engineers, Naval Facilities Engineering Service Center, and USDA Soil Permit #S-3929. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0A120191-001 **Work Order #...:** D7C3R101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 1732.6 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	350	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	350	ppb(v/v)
Chloromethane	ND	870	ppb(v/v)
Vinyl chloride	ND	350	ppb(v/v)
Bromomethane	ND	350	ppb(v/v)
Chloroethane	ND	350	ppb(v/v)
Trichlorofluoromethane	ND	350	ppb(v/v)
1,1-Dichloroethene	ND	350	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	350	ppb(v/v)
Methylene chloride	ND	350	ppb(v/v)
1,1-Dichloroethane	ND	350	ppb(v/v)
cis-1,2-Dichloroethene	ND	350	ppb(v/v)
Chloroform	ND	350	ppb(v/v)
1,1,1-Trichloroethane	ND	350	ppb(v/v)
Carbon tetrachloride	ND	350	ppb(v/v)
Benzene	ND	350	ppb(v/v)
1,2-Dichloroethane	ND	350	ppb(v/v)
Trichloroethene	ND	350	ppb(v/v)
1,2-Dichloropropane	ND	350	ppb(v/v)
cis-1,3-Dichloropropene	ND	350	ppb(v/v)
Toluene	**26000**	**350**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	350	ppb(v/v)
1,1,2-Trichloroethane	ND	350	ppb(v/v)
Tetrachloroethene	ND	350	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	350	ppb(v/v)
Chlorobenzene	ND	350	ppb(v/v)
Ethylbenzene	**8200**	**350**	**ppb(v/v)**
m-Xylene & p-Xylene	**51000**	**350**	**ppb(v/v)**
o-Xylene	**15000**	**350**	**ppb(v/v)**
Styrene	**3700**	**350**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	350	ppb(v/v)
1,3,5-Trimethylbenzene	**1500**	**350**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1400**	**350**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	350	ppb(v/v)
1,4-Dichlorobenzene	ND	350	ppb(v/v)
1,2-Dichlorobenzene	ND	350	ppb(v/v)
Benzyl chloride	ND	350	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0A120191-001 **Work Order #...:** D7C3R101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	350	ppb(v/v)
Hexachlorobutadiene	ND	350	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	116	(70 - 130)
4-Bromofluorobenzene	102	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0A120191-002 **Work Order #...:** D7C40101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 1.97 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.39	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.39	ppb(v/v)
Chloromethane	ND	0.98	ppb(v/v)
Vinyl chloride	ND	0.39	ppb(v/v)
Bromomethane	ND	0.39	ppb(v/v)
Chloroethane	ND	0.39	ppb(v/v)
Trichlorofluoromethane	ND	0.39	ppb(v/v)
1,1-Dichloroethene	ND	0.39	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.39	ppb(v/v)
Methylene chloride	**0.68**	**0.39**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.39	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.39	ppb(v/v)
Chloroform	ND	0.39	ppb(v/v)
1,1,1-Trichloroethane	ND	0.39	ppb(v/v)
Carbon tetrachloride	ND	0.39	ppb(v/v)
Benzene	ND	0.39	ppb(v/v)
1,2-Dichloroethane	ND	0.39	ppb(v/v)
Trichloroethene	ND	0.39	ppb(v/v)
1,2-Dichloropropane	ND	0.39	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.39	ppb(v/v)
Toluene	**3.3**	**0.39**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	0.39	ppb(v/v)
1,1,2-Trichloroethane	ND	0.39	ppb(v/v)
Tetrachloroethene	ND	0.39	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.39	ppb(v/v)
Chlorobenzene	ND	0.39	ppb(v/v)
Ethylbenzene	**1.5**	**0.39**	**ppb(v/v)**
m-Xylene & p-Xylene	**11**	**0.39**	**ppb(v/v)**
o-Xylene	**3.3**	**0.39**	**ppb(v/v)**
Styrene	**0.96**	**0.39**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	0.39	ppb(v/v)
1,3,5-Trimethylbenzene	**0.66**	**0.39**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**0.80**	**0.39**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	0.39	ppb(v/v)
1,4-Dichlorobenzene	ND	0.39	ppb(v/v)
1,2-Dichlorobenzene	ND	0.39	ppb(v/v)
Benzyl chloride	ND	0.39	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0A120191-002 **Work Order #...:** D7C40101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	0.39	ppb(v/v)
Hexachlorobutadiene	ND	0.39	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(70 - 130)
Toluene-d8	117	(70 - 130)
4-Bromofluorobenzene	96	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0A120191-003 **Work Order #...:** D7C41101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 1050.5 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	210	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	210	ppb(v/v)
Chloromethane	ND	530	ppb(v/v)
Vinyl chloride	ND	210	ppb(v/v)
Bromomethane	ND	210	ppb(v/v)
Chloroethane	ND	210	ppb(v/v)
Trichlorofluoromethane	ND	210	ppb(v/v)
1,1-Dichloroethene	ND	210	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	210	ppb(v/v)
Methylene chloride	ND	210	ppb(v/v)
1,1-Dichloroethane	ND	210	ppb(v/v)
cis-1,2-Dichloroethene	ND	210	ppb(v/v)
Chloroform	ND	210	ppb(v/v)
1,1,1-Trichloroethane	ND	210	ppb(v/v)
Carbon tetrachloride	ND	210	ppb(v/v)
Benzene	ND	210	ppb(v/v)
1,2-Dichloroethane	ND	210	ppb(v/v)
Trichloroethene	ND	210	ppb(v/v)
1,2-Dichloropropane	ND	210	ppb(v/v)
cis-1,3-Dichloropropene	ND	210	ppb(v/v)
Toluene	**12000**	**210**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	210	ppb(v/v)
1,1,2-Trichloroethane	ND	210	ppb(v/v)
Tetrachloroethene	ND	210	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	210	ppb(v/v)
Chlorobenzene	ND	210	ppb(v/v)
Ethylbenzene	**6700**	**210**	**ppb(v/v)**
m-Xylene & p-Xylene	**29000**	**210**	**ppb(v/v)**
o-Xylene	**7600**	**210**	**ppb(v/v)**
Styrene	**10000**	**210**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	210	ppb(v/v)
1,3,5-Trimethylbenzene	**310**	**210**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**420**	**210**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	210	ppb(v/v)
1,4-Dichlorobenzene	ND	210	ppb(v/v)
1,2-Dichlorobenzene	ND	210	ppb(v/v)
Benzyl chloride	ND	210	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0A120191-003 **Work Order #...:** D7C41101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	210	ppb(v/v)
Hexachlorobutadiene	ND	210	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(70 - 130)
Toluene-d8	117	(70 - 130)
4-Bromofluorobenzene	96	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0A120191-004 **Work Order #...:** D7C43101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 3465.15 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	690	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	690	ppb(v/v)
Chloromethane	ND	1700	ppb(v/v)
Vinyl chloride	ND	690	ppb(v/v)
Bromomethane	ND	690	ppb(v/v)
Chloroethane	ND	690	ppb(v/v)
Trichlorofluoromethane	ND	690	ppb(v/v)
1,1-Dichloroethene	ND	690	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	690	ppb(v/v)
Methylene chloride	ND	690	ppb(v/v)
1,1-Dichloroethane	ND	690	ppb(v/v)
cis-1,2-Dichloroethene	ND	690	ppb(v/v)
Chloroform	ND	690	ppb(v/v)
1,1,1-Trichloroethane	ND	690	ppb(v/v)
Carbon tetrachloride	ND	690	ppb(v/v)
Benzene	ND	690	ppb(v/v)
1,2-Dichloroethane	ND	690	ppb(v/v)
Trichloroethene	ND	690	ppb(v/v)
1,2-Dichloropropane	ND	690	ppb(v/v)
cis-1,3-Dichloropropene	ND	690	ppb(v/v)
Toluene	**51000**	**690**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	690	ppb(v/v)
1,1,2-Trichloroethane	ND	690	ppb(v/v)
Tetrachloroethene	ND	690	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	690	ppb(v/v)
Chlorobenzene	ND	690	ppb(v/v)
Ethylbenzene	**14000**	**690**	**ppb(v/v)**
m-Xylene & p-Xylene	**89000**	**690**	**ppb(v/v)**
o-Xylene	**24000**	**690**	**ppb(v/v)**
Styrene	ND	690	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	690	ppb(v/v)
1,3,5-Trimethylbenzene	**930**	**690**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1100**	**690**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	690	ppb(v/v)
1,4-Dichlorobenzene	ND	690	ppb(v/v)
1,2-Dichlorobenzene	ND	690	ppb(v/v)
Benzyl chloride	ND	690	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0A120191-004 **Work Order #...:** D7C43101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	690	ppb(v/v)
Hexachlorobutadiene	ND	690	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(70 - 130)
Toluene-d8	115	(70 - 130)
4-Bromofluorobenzene	103	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0A120191-005 **Work Order #...:** D7C46101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 1741.83 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	350	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	350	ppb(v/v)
Chloromethane	ND	870	ppb(v/v)
Vinyl chloride	ND	350	ppb(v/v)
Bromomethane	ND	350	ppb(v/v)
Chloroethane	ND	350	ppb(v/v)
Trichlorofluoromethane	ND	350	ppb(v/v)
1,1-Dichloroethene	ND	350	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	350	ppb(v/v)
Methylene chloride	ND	350	ppb(v/v)
1,1-Dichloroethane	ND	350	ppb(v/v)
cis-1,2-Dichloroethene	ND	350	ppb(v/v)
Chloroform	ND	350	ppb(v/v)
1,1,1-Trichloroethane	ND	350	ppb(v/v)
Carbon tetrachloride	ND	350	ppb(v/v)
Benzene	ND	350	ppb(v/v)
1,2-Dichloroethane	ND	350	ppb(v/v)
Trichloroethene	ND	350	ppb(v/v)
1,2-Dichloropropane	ND	350	ppb(v/v)
cis-1,3-Dichloropropene	ND	350	ppb(v/v)
Toluene	**2900**	**350**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	350	ppb(v/v)
1,1,2-Trichloroethane	ND	350	ppb(v/v)
Tetrachloroethene	ND	350	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	350	ppb(v/v)
Chlorobenzene	ND	350	ppb(v/v)
Ethylbenzene	**4300**	**350**	**ppb(v/v)**
m-Xylene & p-Xylene	**21000**	**350**	**ppb(v/v)**
o-Xylene	**5600**	**350**	**ppb(v/v)**
Styrene	**560**	**350**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	350	ppb(v/v)
1,3,5-Trimethylbenzene	**900**	**350**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1100**	**350**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	350	ppb(v/v)
1,4-Dichlorobenzene	ND	350	ppb(v/v)
1,2-Dichlorobenzene	ND	350	ppb(v/v)
Benzyl chloride	ND	350	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0A120191-005 **Work Order #...:** D7C46101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	350	ppb(v/v)
Hexachlorobutadiene	ND	350	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(70 - 130)
Toluene-d8	116	(70 - 130)
4-Bromofluorobenzene	103	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0A120191-006 **Work Order #...:** D7C47101 **Matrix.....:** AIR
Date Sampled...: 01/11/00 **Date Received..:** 01/12/00
Prep Date.....: 01/20/00 **Analysis Date..:** 01/20/00
Prep Batch #...: 0020254
Dilution Factor: 773.4 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	150	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	150	ppb(v/v)
Chloromethane	ND	390	ppb(v/v)
Vinyl chloride	ND	150	ppb(v/v)
Bromomethane	ND	150	ppb(v/v)
Chloroethane	ND	150	ppb(v/v)
Trichlorofluoromethane	ND	150	ppb(v/v)
1,1-Dichloroethene	ND	150	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	150	ppb(v/v)
Methylene chloride	ND	150	ppb(v/v)
1,1-Dichloroethane	ND	150	ppb(v/v)
cis-1,2-Dichloroethene	ND	150	ppb(v/v)
Chloroform	ND	150	ppb(v/v)
1,1,1-Trichloroethane	ND	150	ppb(v/v)
Carbon tetrachloride	ND	150	ppb(v/v)
Benzene	ND	150	ppb(v/v)
1,2-Dichloroethane	ND	150	ppb(v/v)
Trichloroethene	ND	150	ppb(v/v)
1,2-Dichloropropane	ND	150	ppb(v/v)
cis-1,3-Dichloropropene	ND	150	ppb(v/v)
Toluene	**5900**	**150**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	150	ppb(v/v)
1,1,2-Trichloroethane	ND	150	ppb(v/v)
Tetrachloroethene	ND	150	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	150	ppb(v/v)
Chlorobenzene	ND	150	ppb(v/v)
Ethylbenzene	**2100**	**150**	**ppb(v/v)**
m-Xylene & p-Xylene	**13000**	**150**	**ppb(v/v)**
o-Xylene	**2500**	**150**	**ppb(v/v)**
Styrene	ND	150	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	150	ppb(v/v)
1,3,5-Trimethylbenzene	**2000**	**150**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1300**	**150**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	150	ppb(v/v)
1,4-Dichlorobenzene	ND	150	ppb(v/v)
1,2-Dichlorobenzene	ND	150	ppb(v/v)
Benzyl chloride	ND	150	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0A120191-006 **Work Order #...:** D7C47101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	150	ppb(v/v)
Hexachlorobutadiene	ND	150	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(70 - 130)
Toluene-d8	117	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0A120191 **Work Order #...:** D7LN5101 **Matrix.....:** AIR
MB Lot-Sample #: H0A200000-254

Prep Date.....: 01/20/00
Analysis Date..: 01/20/00 **Prep Batch #...:** 0020254
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	0.50	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Toluene	ND	0.20	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
o-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Styrene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Hexachlorobutadiene	ND	0.20	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0A120191 **Work Order #...:** D7LN5101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(70 - 130)
Toluene-d8	119	(70 - 130)
4-Bromofluorobenzene	90	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

HOA 120191

COC No. A 15145

~~109 Starlite Park~~
~~Marietta, OH 45750~~

ENVIRONMENTAL SERVICES

QUANTERRA

~~Phone: 740-373-4071~~
~~Fax: 740-373-4835~~

CHAIN-OF-CUSTODY RECORD

Company Name: IT CORP	
Project Contact: GUY GALELLO	Contact Phone #:
Turn Around Requirements: 14-DAY	Location: IT - FINDLAY, OH
Project #: 778165	Project Name: PPG - OAK CREEK, WI
Sampler (print): 312-499-3527 ED WALCZAK	Signature:

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	TO-14 (VOCs)	ADDITIONAL REQUIREMENTS
OVERALL INFLUENT		X	1/11/00	0900			1		X	
EFFLUENT		X	1/11/00	0915			1		X	(CANISTER SERIAL # 12199)
SVE-1		X	1/11/00	0930			1		X	(CANISTER SERIAL # 04192)
SVE-2		X	1/11/00	0945			1		X	(CANISTER SERIAL # 0174)
SVE-3		X	1/11/00	1000			1		X	(SAMPLING CONTAINER 11147)
SVE-4		X	1/11/00	1015			1		X	(CANISTER SERIAL # 12212)

Recd at Ambient Temp
Custody Seals Intact
JW 1-12-00

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	1-11-00	1740					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Justin Weltzer	1-12-00	8:30		

*Homogenize all composite samples prior to analysis

Invoice

Quanterra

Quanterra Inc - Knoxville Lab
5815 Middlebrook Pike
Knoxville,TN 37921-5947
Tel: 423 5886401
Fax: 423 5844315

REMIT TO:

Quanterra Incorporated
P.O. Box 2473
Carol Stream, IL 60132-2473

Bill To:
Max Curtner
IT Corporation
16406 US Rt 224 East
Finlay,OH 45840

Number: **14001876**
Date: **26 JAN 00**
Quanterra Project Number: **HOA120191**
Customer Number: **00044898**
Terms: **NET 30 DAYS**
Customer Contact

SAMPLE RECEIVING DATE : 1/12/00
REPORT DATE : 1/25/00
Guy Galello

IT Corporation - Monroeville Engineering
2790 Mosside Blvd
Monroeville,PA 15146-2792

Line No.	Qty.	Matrix Code	Analysis Description	Unit Price	Extended Price
6	AIR	AIR	AIR, Canister Rental	35.00	210.00
6	AIR	AIR	AIR, TO-14, Volatile Organics	250.00	1,500.00

Please reference Invoice number when remitting.

Customer P.O. Number / Contract Number / Reference
778165-013/778165/PPG Pilot Plant

Quanterra Project Manager: **Jamie A. McKinney**
Salesperson: **MCK**

Sub Total
Tax
Total: **1,710.00**

DUPLICATE COPY

Federal Tax I.D. # 84-12711

HOA 120191

COC No. A 15145

~~109 Starlite Park~~
~~Marietta, OH 45750~~

ENVIRONMENTAL SERVICES
CHAIN-OF-CUSTODY RECORD

QUANTERRA
~~Phone: 740-373-4071~~
~~Fax: 740-373-4835~~

Company Name: IT CORP	
Project Contact: GUY GALELLO	Contact Phone #:
Turn Around Requirements: 14-DAY	Location: IT - FINDLAY, OH
Project #: 778165	Project Name: PPG - OAK CREEK, WI
Sampler (print): 312-499-3527 ED WALCZAK	Signature:

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USACE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	TO-14 (VOCs)	ADDITIONAL REQUIREMENTS
OVERALL INFLUENT		X	1/11/00	0900			1		X	(CANISTER SERIAL # 12179)
EFFLUENT		X	1/11/00	0915			1		X	(CANISTER SERIAL # 04192)
SVE-1		X	1/11/00	0930			1		X	(CANISTER SERIAL # 0174)
SVE-2		X	1/11/00	0945			1		X	(SAMPLING CONTAINER 11147)
SVE-3		X	1/11/00	1000			1		X	(CANISTER SERIAL # 12212)
SVE-4		X	1/11/00	1015			1		X	

Rcvd at Ambient Temp
Custody Seals Intact
JW 1-12-00

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	1-11-00	1740					
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Justin Walters	1-12-00	8:30		

*Homogenize all composite samples prior to analysis

Quanterra Incorporated
5815 Middlebrook Pike
Knoxville, Tennessee 37921

423 588-6401 Telephone
423 584-4315 Fax

ANALYTICAL REPORT

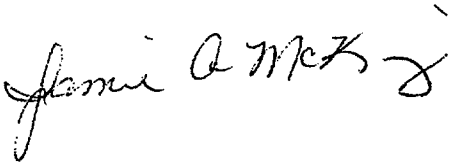
PPG Pilot Plant

Lot #: H0D130130

Chris Pike

IT Corporation - Monroeville E
2790 Mosside Blvd
Monroeville, PA 15146-2792

SEVERN TRENT LABORATORIES, INC.



Jamie A. McKinney
Project Manager

April 20, 2000

SAMPLE SUMMARY

H0D130130

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DATV4	001	OVERALL INFLUENT	04/11/00	11:55
DATV9	002	EFFLUENT	04/11/00	12:00
DATVA	003	SVE-1	04/11/00	12:05
DATVE	004	SVE-2	04/11/00	12:10
DATVH	005	SVE-3	04/11/00	12:15
DATVJ	006	SVE-4	04/11/00	12:20

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

H0D130130

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

PROJECT NARRATIVE
HOD130130

The results reported herein are applicable to the samples submitted for analysis only.

The original chain of custody documentation is included with this report.

Sample Receipt

The sample cooler was received without custody seal present/intact.

Quality Control

All holding times and QC criteria were met.

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0D130130-001 **Work Order #...:** DATV4101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 3420.23 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	680	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	680	ppb(v/v)
Chloromethane	ND	1700	ppb(v/v)
Vinyl chloride	ND	680	ppb(v/v)
Bromomethane	ND	680	ppb(v/v)
Chloroethane	ND	680	ppb(v/v)
Trichlorofluoromethane	ND	680	ppb(v/v)
1,1-Dichloroethene	ND	680	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	680	ppb(v/v)
Methylene chloride	ND	680	ppb(v/v)
1,1-Dichloroethane	ND	680	ppb(v/v)
cis-1,2-Dichloroethene	ND	680	ppb(v/v)
Chloroform	ND	680	ppb(v/v)
1,1,1-Trichloroethane	ND	680	ppb(v/v)
Carbon tetrachloride	ND	680	ppb(v/v)
Benzene	ND	680	ppb(v/v)
1,2-Dichloroethane	ND	680	ppb(v/v)
Trichloroethene	ND	680	ppb(v/v)
1,2-Dichloropropane	ND	680	ppb(v/v)
cis-1,3-Dichloropropene	ND	680	ppb(v/v)
Toluene	**8500**	**680**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	680	ppb(v/v)
1,1,2-Trichloroethane	ND	680	ppb(v/v)
Tetrachloroethene	ND	680	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	680	ppb(v/v)
Chlorobenzene	ND	680	ppb(v/v)
Ethylbenzene	**5000**	**680**	**ppb(v/v)**
m-Xylene & p-Xylene	**28000**	**680**	**ppb(v/v)**
o-Xylene	**8800**	**680**	**ppb(v/v)**
Styrene	**4000**	**680**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	680	ppb(v/v)
1,3,5-Trimethylbenzene	**1000**	**680**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1000**	**680**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	680	ppb(v/v)
1,4-Dichlorobenzene	ND	680	ppb(v/v)
1,2-Dichlorobenzene	ND	680	ppb(v/v)
Benzyl chloride	ND	680	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0D130130-001 **Work Order #...:** DATV4101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	680	ppb(v/v)
Hexachlorobutadiene	ND	680	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	97	(70 - 130)
4-Bromofluorobenzene	98	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0D130130-002 **Work Order #...:** DATV9101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 1.84 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.37	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.37	ppb(v/v)
Chloromethane	ND	0.92	ppb(v/v)
Vinyl chloride	ND	0.37	ppb(v/v)
Bromomethane	ND	0.37	ppb(v/v)
Chloroethane	ND	0.37	ppb(v/v)
Trichlorofluoromethane	ND	0.37	ppb(v/v)
1,1-Dichloroethene	ND	0.37	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.37	ppb(v/v)
Methylene chloride	**0.68**	**0.37**	**ppb(v/v)**
1,1-Dichloroethane	ND	0.37	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.37	ppb(v/v)
Chloroform	ND	0.37	ppb(v/v)
1,1,1-Trichloroethane	ND	0.37	ppb(v/v)
Carbon tetrachloride	ND	0.37	ppb(v/v)
Benzene	ND	0.37	ppb(v/v)
1,2-Dichloroethane	ND	0.37	ppb(v/v)
Trichloroethene	ND	0.37	ppb(v/v)
1,2-Dichloropropane	ND	0.37	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.37	ppb(v/v)
Toluene	**2.4**	**0.37**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	0.37	ppb(v/v)
1,1,2-Trichloroethane	ND	0.37	ppb(v/v)
Tetrachloroethene	ND	0.37	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.37	ppb(v/v)
Chlorobenzene	ND	0.37	ppb(v/v)
Ethylbenzene	**2.6**	**0.37**	**ppb(v/v)**
m-Xylene & p-Xylene	**18**	**0.37**	**ppb(v/v)**
o-Xylene	**6.8**	**0.37**	**ppb(v/v)**
Styrene	**4.8**	**0.37**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	0.37	ppb(v/v)
1,3,5-Trimethylbenzene	**1.5**	**0.37**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**2.3**	**0.37**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	0.37	ppb(v/v)
1,4-Dichlorobenzene	ND	0.37	ppb(v/v)
1,2-Dichlorobenzene	ND	0.37	ppb(v/v)
Benzyl chloride	ND	0.37	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0D130130-002 **Work Order #...:** DATV9101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	0.37	ppb(v/v)
Hexachlorobutadiene	ND	0.37	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(70 - 130)
Toluene-d8	99	(70 - 130)
4-Bromofluorobenzene	98	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0D130130-003 **Work Order #...:** DATVA101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 2260.75 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	450	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	450	ppb(v/v)
Chloromethane	ND	1100	ppb(v/v)
Vinyl chloride	ND	450	ppb(v/v)
Bromomethane	ND	450	ppb(v/v)
Chloroethane	ND	450	ppb(v/v)
Trichlorofluoromethane	ND	450	ppb(v/v)
1,1-Dichloroethene	ND	450	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	450	ppb(v/v)
Methylene chloride	ND	450	ppb(v/v)
1,1-Dichloroethane	ND	450	ppb(v/v)
cis-1,2-Dichloroethene	ND	450	ppb(v/v)
Chloroform	ND	450	ppb(v/v)
1,1,1-Trichloroethane	ND	450	ppb(v/v)
Carbon tetrachloride	ND	450	ppb(v/v)
Benzene	ND	450	ppb(v/v)
1,2-Dichloroethane	ND	450	ppb(v/v)
Trichloroethene	ND	450	ppb(v/v)
1,2-Dichloropropane	ND	450	ppb(v/v)
cis-1,3-Dichloropropene	ND	450	ppb(v/v)
Toluene	**7100**	**450**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	450	ppb(v/v)
1,1,2-Trichloroethane	ND	450	ppb(v/v)
Tetrachloroethene	ND	450	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	450	ppb(v/v)
Chlorobenzene	ND	450	ppb(v/v)
Ethylbenzene	**6000**	**450**	**ppb(v/v)**
m-Xylene & p-Xylene	**19000**	**450**	**ppb(v/v)**
o-Xylene	**5700**	**450**	**ppb(v/v)**
Styrene	**14000**	**450**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	450	ppb(v/v)
1,3,5-Trimethylbenzene	ND	450	ppb(v/v)
1,2,4-Trimethylbenzene	ND	450	ppb(v/v)
1,3-Dichlorobenzene	ND	450	ppb(v/v)
1,4-Dichlorobenzene	ND	450	ppb(v/v)
1,2-Dichlorobenzene	ND	450	ppb(v/v)
Benzyl chloride	ND	450	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0D130130-003 **Work Order #...:** DATVA101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	450	ppb(v/v)
Hexachlorobutadiene	ND	450	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	97	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0D130130-004 **Work Order #...:** DATVE101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 3468.4 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	690	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	690	ppb(v/v)
Chloromethane	ND	1700	ppb(v/v)
Vinyl chloride	ND	690	ppb(v/v)
Bromomethane	ND	690	ppb(v/v)
Chloroethane	ND	690	ppb(v/v)
Trichlorofluoromethane	ND	690	ppb(v/v)
1,1-Dichloroethene	ND	690	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	690	ppb(v/v)
Methylene chloride	ND	690	ppb(v/v)
1,1-Dichloroethane	ND	690	ppb(v/v)
cis-1,2-Dichloroethene	ND	690	ppb(v/v)
Chloroform	ND	690	ppb(v/v)
1,1,1-Trichloroethane	ND	690	ppb(v/v)
Carbon tetrachloride	ND	690	ppb(v/v)
Benzene	ND	690	ppb(v/v)
1,2-Dichloroethane	ND	690	ppb(v/v)
Trichloroethene	ND	690	ppb(v/v)
1,2-Dichloropropane	ND	690	ppb(v/v)
cis-1,3-Dichloropropene	ND	690	ppb(v/v)
Toluene	**14000**	**690**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	690	ppb(v/v)
1,1,2-Trichloroethane	ND	690	ppb(v/v)
Tetrachloroethene	ND	690	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	690	ppb(v/v)
Chlorobenzene	ND	690	ppb(v/v)
Ethylbenzene	**7900**	**690**	**ppb(v/v)**
m-Xylene & p-Xylene	**47000**	**690**	**ppb(v/v)**
o-Xylene	**14000**	**690**	**ppb(v/v)**
Styrene	ND	690	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	690	ppb(v/v)
1,3,5-Trimethylbenzene	**750**	**690**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**880**	**690**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	690	ppb(v/v)
1,4-Dichlorobenzene	ND	690	ppb(v/v)
1,2-Dichlorobenzene	ND	690	ppb(v/v)
Benzyl chloride	ND	690	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0D130130-004 **Work Order #...:** DATVE101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	690	ppb(v/v)
Hexachlorobutadiene	ND	690	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	98	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0D130130-005 **Work Order #...:** DATVH101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 1730.7 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	350	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	350	ppb(v/v)
Chloromethane	ND	870	ppb(v/v)
Vinyl chloride	ND	350	ppb(v/v)
Bromomethane	ND	350	ppb(v/v)
Chloroethane	ND	350	ppb(v/v)
Trichlorofluoromethane	ND	350	ppb(v/v)
1,1-Dichloroethene	ND	350	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	350	ppb(v/v)
Methylene chloride	ND	350	ppb(v/v)
1,1-Dichloroethane	ND	350	ppb(v/v)
cis-1,2-Dichloroethene	ND	350	ppb(v/v)
Chloroform	ND	350	ppb(v/v)
1,1,1-Trichloroethane	ND	350	ppb(v/v)
Carbon tetrachloride	ND	350	ppb(v/v)
Benzene	ND	350	ppb(v/v)
1,2-Dichloroethane	ND	350	ppb(v/v)
Trichloroethene	ND	350	ppb(v/v)
1,2-Dichloropropane	ND	350	ppb(v/v)
cis-1,3-Dichloropropene	ND	350	ppb(v/v)
Toluene	**1200**	**350**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	350	ppb(v/v)
1,1,2-Trichloroethane	ND	350	ppb(v/v)
Tetrachloroethene	ND	350	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	350	ppb(v/v)
Chlorobenzene	ND	350	ppb(v/v)
Ethylbenzene	**2200**	**350**	**ppb(v/v)**
m-Xylene & p-Xylene	**10000**	**350**	**ppb(v/v)**
o-Xylene	**3000**	**350**	**ppb(v/v)**
Styrene	**620**	**350**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	350	ppb(v/v)
1,3,5-Trimethylbenzene	**580**	**350**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**770**	**350**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	350	ppb(v/v)
1,4-Dichlorobenzene	ND	350	ppb(v/v)
1,2-Dichlorobenzene	ND	350	ppb(v/v)
Benzyl chloride	ND	350	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0D130130-005 **Work Order #...:** DATVH101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	350	ppb(v/v)
Hexachlorobutadiene	ND	350	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(70 - 130)
Toluene-d8	97	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0D130130-006 **Work Order #...:** DATVJ101 **Matrix.....:** AIR
Date Sampled...: 04/11/00 **Date Received..:** 04/13/00
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 3361.2 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	670	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	670	ppb(v/v)
Chloromethane	ND	1700	ppb(v/v)
Vinyl chloride	ND	670	ppb(v/v)
Bromomethane	ND	670	ppb(v/v)
Chloroethane	ND	670	ppb(v/v)
Trichlorofluoromethane	ND	670	ppb(v/v)
1,1-Dichloroethene	ND	670	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	670	ppb(v/v)
Methylene chloride	ND	670	ppb(v/v)
1,1-Dichloroethane	ND	670	ppb(v/v)
cis-1,2-Dichloroethene	ND	670	ppb(v/v)
Chloroform	ND	670	ppb(v/v)
1,1,1-Trichloroethane	ND	670	ppb(v/v)
Carbon tetrachloride	ND	670	ppb(v/v)
Benzene	ND	670	ppb(v/v)
1,2-Dichloroethane	ND	670	ppb(v/v)
Trichloroethene	ND	670	ppb(v/v)
1,2-Dichloropropane	ND	670	ppb(v/v)
cis-1,3-Dichloropropene	ND	670	ppb(v/v)
Toluene	**9200**	**670**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	670	ppb(v/v)
1,1,2-Trichloroethane	ND	670	ppb(v/v)
Tetrachloroethene	ND	670	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	670	ppb(v/v)
Chlorobenzene	ND	670	ppb(v/v)
Ethylbenzene	**3000**	**670**	**ppb(v/v)**
m-Xylene & p-Xylene	**28000**	**670**	**ppb(v/v)**
o-Xylene	**4800**	**670**	**ppb(v/v)**
Styrene	ND	670	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	670	ppb(v/v)
1,3,5-Trimethylbenzene	**1400**	**670**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**1200**	**670**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	670	ppb(v/v)
1,4-Dichlorobenzene	ND	670	ppb(v/v)
1,2-Dichlorobenzene	ND	670	ppb(v/v)
Benzyl chloride	ND	670	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0D130130-006 **Work Order #...:** DATVJ101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichlorobenzene	ND	670	ppb(v/v)
Hexachlorobutadiene	ND	670	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	99	(70 - 130)
4-Bromofluorobenzene	96	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0D130130 **Work Order #...:** DAWW7101 **Matrix.....:** AIR
MB Lot-Sample #: H0D140000-189

Prep Date.....: 04/14/00
Analysis Date..: 04/14/00 **Prep Batch #...:** 0105189
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	0.50	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Toluene	ND	0.20	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
o-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Styrene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Hexachlorobutadiene	ND	0.20	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0D130130 **Work Order #...:** DAWW7101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(70 - 130)
Toluene-d8	104	(70 - 130)
4-Bromofluorobenzene	90	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0D130130 **Work Order #...:** DAWW7102 **Matrix.....:** AIR
LCS Lot-Sample#: H0D140000-189
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**10.1**	**ppb(v/v)**	**101**	**EPA-19 TO-14**
Benzene	**10.0**	**9.92**	**ppb(v/v)**	**99**	**EPA-19 TO-14**
Trichloroethene	**10.0**	**10.0**	**ppb(v/v)**	**100**	**EPA-19 TO-14**
Toluene	**10.0**	**10.0**	**ppb(v/v)**	**100**	**EPA-19 TO-14**
Chlorobenzene	**10.0**	**9.76**	**ppb(v/v)**	**98**	**EPA-19 TO-14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	100	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0D130130 **Work Order #...:** DAWW7102 **Matrix.....:** AIR
LCS Lot-Sample#: H0D140000-189
Prep Date.....: 04/14/00 **Analysis Date..:** 04/14/00
Prep Batch #...: 0105189
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**101**	**(70 - 130)**	**EPA-19 TO-14**
Benzene	**99**	**(70 - 130)**	**EPA-19 TO-14**
Trichloroethene	**100**	**(70 - 130)**	**EPA-19 TO-14**
Toluene	**100**	**(70 - 130)**	**EPA-19 TO-14**
Chlorobenzene	**98**	**(70 - 130)**	**EPA-19 TO-14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	100	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

H0D130130

Chain of Custody Record

[redacted] QUANTERRA ENVIRONMENTAL

☐ Asheville, NC (A) (828) 254-5169 ☐ Bartlett, IL (C) (630) 289-3100 ☐ Cedar Falls, IA (E) (319) 277-2401 ☐ Charlotte, NC (G) (704) 392-1164 ☐ Dayton, OH (I) (937) 294-6856 ☐ Lumberton, NC (K) (910) 738-6190 ☐ Nashville, TN (M) (615) 726-0177 ☐ Pontiac, MI (O) (248) 332-1940 ☐ Rockford. Il (Q) (815) 874-2171

☐ Atlanta, GA (B) (770) 368-0636 ☐ Brighton, CO (D) (303) 659-0497 ☐ Charleston, SC (F) (843) 849-6550 ☐ Columbia, SC (H) (803) 796-8989 ☐ Davenport. IA (J) (319) 323-7944 ☐ Indianapolis, IN (L) (317) 842-4261 ☐ Macon, GA (N) (912) 757-0811 ☐ Orlando, FL (P) (407) 851-2560 ☐ Watertown, WI (R) (920) 261-1660

Client: IT CORP | Project No.: 778165

Report Address: 2790 MOSSIDE BLVD | Invoice Address: SAME

MONROEVILLE, PA 15146 |

Attn: CHRIS PIKE | Attn:

Phone No.: 412-372-7701 | Sampled By: ED WALCZAK

Fax No.: 412-373-7135 | P.O. No:

Quote No.

State Samples Collected

TURNAROUND TIME

☒ Standard

☐ Rush (surcharges may apply) Date Needed:

REQUESTED PARAMETERS

TO-14 (VOCs)

Is this work being conducted for regulatory compliance monitoring? Yes☒ No☐

Is this work being conducted for regulatory enforcement action? Yes☒ No☐

Which regulations apply:
RCRA☒ NPDES Wastewater☐
UST☐ Drinking Water☐
Other☐ None☐

Sample ID	Date	Time	Comp (C) Grab (G)	Matrix	Lab Use	TO-14 (VOCs)	# and type of containers: HCl	NaOH	HNO_3	H_2SO_4	Other	None	REMARKS
OVERALL INFLUENT	4/11/00	1155	G	AIR		X ✓					1		CANISTER SN IT 06235
EFFLUENT	4/11/00	1200	G			X ✓					1		" " 12264
SVE-1	4/11/00	1205	G			X ✓					1		" " 12437
SVE-2	4/11/00	1210	G			X ✓					1		" " 12481
SVE-3	4/11/00	1215	G			X ✓					1		" " 93074
SVE-4	4/11/00	1220	G			X ✓					1		" " 03863
													Rec'd at Ambient Temp
													No Custody Seals
						HEC	6	CANS					JW 4-13-00

QC Deliverables: ☐ None ☐ Level 2 - Batch QC ☐ Level 3 ☐ Level 4 ☐ Other

Init Lab Temp | Rec Lab Temp

COMMENTS:

Relinquished By: Ed Walczak	Date 4/11/00 Time 1605	Received By: Justin Kuttle	JW 4-12-00 Date ~~4-13-00~~ 08:45 Time	LAB USE ONLY:	
Relinquished By:	Date Time	Received By:	Date Time		
Relinquished By:	Date Time	Received By:	Date Time	Custody Seal: ☐ Yes ☐ No ☐ N/A	
Relinquished By:	Date Time	Received By:	Date Time	Bottles Supplied by TA: ☐ Yes ☐ No	

SEVERN TRENT SERVICES

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921-5947

Tel: 865-291-3000
Fax: 865-584-4315
www.stl-inc.com

ANALYTICAL REPORT

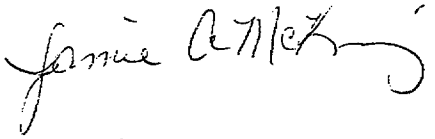
PPG Pilot Plant

Lot #: H0J100114

Chris Pike

IT Corporation - Monroeville E
2790 Mosside Blvd
Monroeville, PA 15146-2792

SEVERN TRENT LABORATORIES, INC.



Jamie A. McKinney
Project Manager

October 13, 2000

SAMPLE SUMMARY

H0J100114

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DLTLP	001	OVERALL INFLUENT	10/06/00	10:15
DLTLV	002	EFFLUENT	10/06/00	10:20
DLTLW	003	SVE-1	10/06/00	10:30
DLTM0	004	SVE-2	10/06/00	10:45
DLTM1	005	SVE-3	10/06/00	10:50
DLTM2	006	SVE-4	10/06/00	11:05

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

ANALYTICAL METHODS SUMMARY

H0J100114

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

PROJECT NARRATIVE
HOJ100114

The results reported herein are applicable to the samples submitted for analysis only.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

All holding times and QC criteria were met.

This report shall not be reproduced except in full, without the written approval of the laboratory.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DPCE, California ELAP Cert. #2100, Connecticut DPH Cert. #PH-0233, Florida Cert. #E87177, Florida DEP CompQAP #880566, Georgia DNR, Cert. #906, Hawaii DOH, Indiana DOH, Cert. #C-TN-02, Kentucky DEP Lab ID #90101, Maryland DHMH Cert. #277, Massachusetts Cert. #M-TN009, New Jersey DEP, Cert. #80001, New Mexico ED, New York DOH Lab #10781, North Carolina DEHNR Cert. #64, North Dakota DOHCL Cert. #R-134, Ohio EPA VAP #CL0059, Oklahoma DEQ ID #9415, South Carolina DHEC Lab ID #84001, Tennessee DOH Lab ID #02014, Utah DOH Cust. ID QUAN#, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, AALA Cert. #486.01, US Army Corps of Engineers, Naval Facilities Engineering Service Center, and USDA Soil Permit #S-3929. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0J100114-001 **Work Order #...:** DLTLP101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 399.5 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	80	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	80	ppb(v/v)
Chloromethane	ND	200	ppb(v/v)
Vinyl chloride	ND	80	ppb(v/v)
Bromomethane	ND	80	ppb(v/v)
Chloroethane	ND	80	ppb(v/v)
Trichlorofluoromethane	ND	80	ppb(v/v)
1,1-Dichloroethene	ND	80	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	80	ppb(v/v)
Methylene chloride	**120**	**80**	**ppb(v/v)**
1,1-Dichloroethane	ND	80	ppb(v/v)
cis-1,2-Dichloroethene	ND	80	ppb(v/v)
Chloroform	ND	80	ppb(v/v)
1,1,1-Trichloroethane	ND	80	ppb(v/v)
Carbon tetrachloride	ND	80	ppb(v/v)
Benzene	ND	80	ppb(v/v)
1,2-Dichloroethane	ND	80	ppb(v/v)
Trichloroethene	ND	80	ppb(v/v)
1,2-Dichloropropane	ND	80	ppb(v/v)
cis-1,3-Dichloropropene	ND	80	ppb(v/v)
Toluene	**1600**	**80**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	80	ppb(v/v)
1,1,2-Trichloroethane	ND	80	ppb(v/v)
Tetrachloroethene	ND	80	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	80	ppb(v/v)
Chlorobenzene	ND	80	ppb(v/v)
Ethylbenzene	**1400**	**80**	**ppb(v/v)**
m-Xylene & p-Xylene	**6400**	**80**	**ppb(v/v)**
o-Xylene	**2400**	**80**	**ppb(v/v)**
Styrene	**2600**	**80**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	80	ppb(v/v)
1,3,5-Trimethylbenzene	**540**	**80**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**370**	**80**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	80	ppb(v/v)
1,4-Dichlorobenzene	ND	80	ppb(v/v)
1,2-Dichlorobenzene	ND	80	ppb(v/v)
Benzyl chloride	ND	80	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0J100114-001 **Work Order #...:** DLTLP101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	80	ppb(v/v)
Hexachlorobutadiene	ND	80	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	95	(70 - 130)
Toluene-d8	106	(70 - 130)
4-Bromofluorobenzene	120	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0J100114-002 **Work Order #...:** DLTLV101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 1.89 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	0.38	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.38	ppb(v/v)
Chloromethane	ND	0.94	ppb(v/v)
Vinyl chloride	ND	0.38	ppb(v/v)
Bromomethane	ND	0.38	ppb(v/v)
Chloroethane	ND	0.38	ppb(v/v)
Trichlorofluoromethane	ND	0.38	ppb(v/v)
1,1-Dichloroethene	ND	0.38	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.38	ppb(v/v)
Methylene chloride	ND	0.38	ppb(v/v)
1,1-Dichloroethane	ND	0.38	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.38	ppb(v/v)
Chloroform	ND	0.38	ppb(v/v)
1,1,1-Trichloroethane	ND	0.38	ppb(v/v)
Carbon tetrachloride	ND	0.38	ppb(v/v)
Benzene	ND	0.38	ppb(v/v)
1,2-Dichloroethane	ND	0.38	ppb(v/v)
Trichloroethene	ND	0.38	ppb(v/v)
1,2-Dichloropropane	ND	0.38	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.38	ppb(v/v)
Toluene	**0.40**	**0.38**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	0.38	ppb(v/v)
1,1,2-Trichloroethane	ND	0.38	ppb(v/v)
Tetrachloroethene	**0.46**	**0.38**	**ppb(v/v)**
1,2-Dibromoethane (EDB)	ND	0.38	ppb(v/v)
Chlorobenzene	ND	0.38	ppb(v/v)
Ethylbenzene	**0.43**	**0.38**	**ppb(v/v)**
m-Xylene & p-Xylene	**2.1**	**0.38**	**ppb(v/v)**
o-Xylene	**0.80**	**0.38**	**ppb(v/v)**
Styrene	**1.1**	**0.38**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	0.38	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.38	ppb(v/v)
1,2,4-Trimethylbenzene	ND	0.38	ppb(v/v)
1,3-Dichlorobenzene	ND	0.38	ppb(v/v)
1,4-Dichlorobenzene	ND	0.38	ppb(v/v)
1,2-Dichlorobenzene	ND	0.38	ppb(v/v)
Benzyl chloride	ND	0.38	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0J100114-002 **Work Order #...:** DLTLV101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	0.38	ppb(v/v)
Hexachlorobutadiene	ND	0.38	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	92	(70 - 130)
Toluene-d8	111	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0J100114-003 **Work Order #...:** DLTLW101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 383.5 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	77	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	77	ppb(v/v)
Chloromethane	ND	190	ppb(v/v)
Vinyl chloride	ND	77	ppb(v/v)
Bromomethane	ND	77	ppb(v/v)
Chloroethane	ND	77	ppb(v/v)
Trichlorofluoromethane	ND	77	ppb(v/v)
1,1-Dichloroethene	ND	77	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	77	ppb(v/v)
Methylene chloride	ND	77	ppb(v/v)
1,1-Dichloroethane	ND	77	ppb(v/v)
cis-1,2-Dichloroethene	ND	77	ppb(v/v)
Chloroform	ND	77	ppb(v/v)
1,1,1-Trichloroethane	ND	77	ppb(v/v)
Carbon tetrachloride	ND	77	ppb(v/v)
Benzene	ND	77	ppb(v/v)
1,2-Dichloroethane	ND	77	ppb(v/v)
Trichloroethene	ND	77	ppb(v/v)
1,2-Dichloropropane	ND	77	ppb(v/v)
cis-1,3-Dichloropropene	ND	77	ppb(v/v)
Toluene	**1400**	**77**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	77	ppb(v/v)
1,1,2-Trichloroethane	ND	77	ppb(v/v)
Tetrachloroethene	ND	77	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	77	ppb(v/v)
Chlorobenzene	ND	77	ppb(v/v)
Ethylbenzene	**3000**	**77**	**ppb(v/v)**
m-Xylene & p-Xylene	**7500**	**77**	**ppb(v/v)**
o-Xylene	**3100**	**77**	**ppb(v/v)**
Styrene	**7600**	**77**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	77	ppb(v/v)
1,3,5-Trimethylbenzene	**380**	**77**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**250**	**77**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	77	ppb(v/v)
1,4-Dichlorobenzene	ND	77	ppb(v/v)
1,2-Dichlorobenzene	ND	77	ppb(v/v)
Benzyl chloride	ND	77	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0J100114-003 **Work Order #...:** DLTLW101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	77	ppb(v/v)
Hexachlorobutadiene	ND	77	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	96	(70 - 130)
Toluene-d8	111	(70 - 130)
4-Bromofluorobenzene	102	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0J100114-004 **Work Order #...:** DLTM0101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 560.71 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	110	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	110	ppb(v/v)
Chloromethane	ND	280	ppb(v/v)
Vinyl chloride	ND	110	ppb(v/v)
Bromomethane	ND	110	ppb(v/v)
Chloroethane	ND	110	ppb(v/v)
Trichlorofluoromethane	ND	110	ppb(v/v)
1,1-Dichloroethene	ND	110	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	110	ppb(v/v)
Methylene chloride	ND	110	ppb(v/v)
1,1-Dichloroethane	ND	110	ppb(v/v)
cis-1,2-Dichloroethene	ND	110	ppb(v/v)
Chloroform	ND	110	ppb(v/v)
1,1,1-Trichloroethane	ND	110	ppb(v/v)
Carbon tetrachloride	ND	110	ppb(v/v)
Benzene	ND	110	ppb(v/v)
1,2-Dichloroethane	ND	110	ppb(v/v)
Trichloroethene	ND	110	ppb(v/v)
1,2-Dichloropropane	ND	110	ppb(v/v)
cis-1,3-Dichloropropene	ND	110	ppb(v/v)
Toluene	**2400**	**110**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	110	ppb(v/v)
1,1,2-Trichloroethane	ND	110	ppb(v/v)
Tetrachloroethene	ND	110	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	110	ppb(v/v)
Chlorobenzene	ND	110	ppb(v/v)
Ethylbenzene	**1600**	**110**	**ppb(v/v)**
m-Xylene & p-Xylene	**9300**	**110**	**ppb(v/v)**
o-Xylene	**4000**	**110**	**ppb(v/v)**
Styrene	**970**	**110**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	110	ppb(v/v)
1,3,5-Trimethylbenzene	**410**	**110**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**260**	**110**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	110	ppb(v/v)
1,4-Dichlorobenzene	ND	110	ppb(v/v)
1,2-Dichlorobenzene	ND	110	ppb(v/v)
Benzyl chloride	ND	110	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0J100114-004 **Work Order #...:** DLTM0101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	110	ppb(v/v)
Hexachlorobutadiene	ND	110	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	93	(70 - 130)
Toluene-d8	112	(70 - 130)
4-Bromofluorobenzene	97	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0J100114-005 **Work Order #...:** DLTM1101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 193 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	39	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	39	ppb(v/v)
Chloromethane	ND	96	ppb(v/v)
Vinyl chloride	ND	39	ppb(v/v)
Bromomethane	ND	39	ppb(v/v)
Chloroethane	ND	39	ppb(v/v)
Trichlorofluoromethane	ND	39	ppb(v/v)
1,1-Dichloroethene	ND	39	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	39	ppb(v/v)
Methylene chloride	ND	39	ppb(v/v)
1,1-Dichloroethane	ND	39	ppb(v/v)
cis-1,2-Dichloroethene	ND	39	ppb(v/v)
Chloroform	ND	39	ppb(v/v)
1,1,1-Trichloroethane	ND	39	ppb(v/v)
Carbon tetrachloride	ND	39	ppb(v/v)
Benzene	ND	39	ppb(v/v)
1,2-Dichloroethane	ND	39	ppb(v/v)
Trichloroethene	ND	39	ppb(v/v)
1,2-Dichloropropane	ND	39	ppb(v/v)
cis-1,3-Dichloropropene	ND	39	ppb(v/v)
Toluene	**1300**	**39**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	39	ppb(v/v)
1,1,2-Trichloroethane	ND	39	ppb(v/v)
Tetrachloroethene	ND	39	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	39	ppb(v/v)
Chlorobenzene	ND	39	ppb(v/v)
Ethylbenzene	**1700**	**39**	**ppb(v/v)**
m-Xylene & p-Xylene	**5200**	**39**	**ppb(v/v)**
o-Xylene	**1700**	**39**	**ppb(v/v)**
Styrene	**2200**	**39**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	39	ppb(v/v)
1,3,5-Trimethylbenzene	**270**	**39**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**190**	**39**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	39	ppb(v/v)
1,4-Dichlorobenzene	ND	39	ppb(v/v)
1,2-Dichlorobenzene	ND	39	ppb(v/v)
Benzyl chloride	ND	39	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0J100114-005 **Work Order #...:** DLTM1101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	39	ppb(v/v)
Hexachlorobutadiene	ND	39	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0J100114-006 **Work Order #...:** DLTM2101 **Matrix.....:** AIR
Date Sampled...: 10/06/00 **Date Received..:** 10/10/00
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 396.5 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	79	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	79	ppb(v/v)
Chloromethane	ND	200	ppb(v/v)
Vinyl chloride	ND	79	ppb(v/v)
Bromomethane	ND	79	ppb(v/v)
Chloroethane	ND	79	ppb(v/v)
Trichlorofluoromethane	ND	79	ppb(v/v)
1,1-Dichloroethene	ND	79	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	79	ppb(v/v)
Methylene chloride	ND	79	ppb(v/v)
1,1-Dichloroethane	ND	79	ppb(v/v)
cis-1,2-Dichloroethene	ND	79	ppb(v/v)
Chloroform	ND	79	ppb(v/v)
1,1,1-Trichloroethane	ND	79	ppb(v/v)
Carbon tetrachloride	ND	79	ppb(v/v)
Benzene	ND	79	ppb(v/v)
1,2-Dichloroethane	ND	79	ppb(v/v)
Trichloroethene	ND	79	ppb(v/v)
1,2-Dichloropropane	ND	79	ppb(v/v)
cis-1,3-Dichloropropene	ND	79	ppb(v/v)
Toluene	**2300**	**79**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	79	ppb(v/v)
1,1,2-Trichloroethane	ND	79	ppb(v/v)
Tetrachloroethene	ND	79	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	79	ppb(v/v)
Chlorobenzene	ND	79	ppb(v/v)
Ethylbenzene	**1200**	**79**	**ppb(v/v)**
m-Xylene & p-Xylene	**8900**	**79**	**ppb(v/v)**
o-Xylene	**2800**	**79**	**ppb(v/v)**
Styrene	**2300**	**79**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	79	ppb(v/v)
1,3,5-Trimethylbenzene	**1000**	**79**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**710**	**79**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	79	ppb(v/v)
1,4-Dichlorobenzene	ND	79	ppb(v/v)
1,2-Dichlorobenzene	ND	79	ppb(v/v)
Benzyl chloride	ND	79	ppb(v/v)

(Continued on next page)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0J100114-006 **Work Order #...:** DLTM2101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	79	ppb(v/v)
Hexachlorobutadiene	ND	79	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	94	(70 - 130)
Toluene-d8	105	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0J100114 **Work Order #...:** DLX7D101 **Matrix.....:** AIR
MB Lot-Sample #: H0J110000-314

Prep Date.....: 10/10/00
Analysis Date..: 10/10/00 **Prep Batch #...:** 0285314
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	0.50	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Toluene	ND	0.20	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
o-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Styrene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichloro-benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0J100114 **Work Order #...:** DLX7D101 **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	0.20	ppb(v/v)	EPA-19 TO-14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	110	(70 - 130)
4-Bromofluorobenzene	94	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0J100114 **Work Order #...:** DLX7D102 **Matrix.....:** AIR
LCS Lot-Sample#: H0J110000-314
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**10.3**	**ppb(v/v)**	**103**	**EPA-19 TO-14**
Benzene	**10.0**	**9.91**	**ppb(v/v)**	**99**	**EPA-19 TO-14**
Trichloroethene	**10.0**	**10.1**	**ppb(v/v)**	**101**	**EPA-19 TO-14**
Toluene	**10.0**	**10.4**	**ppb(v/v)**	**104**	**EPA-19 TO-14**
Chlorobenzene	**10.0**	**10.3**	**ppb(v/v)**	**103**	**EPA-19 TO-14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(70 - 130)
Toluene-d8	111	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0J100114 **Work Order #...:** DLX7D102 **Matrix.....:** AIR
LCS Lot-Sample#: H0J110000-314
Prep Date.....: 10/10/00 **Analysis Date..:** 10/10/00
Prep Batch #...: 0285314
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	**103**	**(70 - 130)**	**EPA-19 TO-14**
Benzene	**99**	**(70 - 130)**	**EPA-19 TO-14**
Trichloroethene	**101**	**(70 - 130)**	**EPA-19 TO-14**
Toluene	**104**	**(70 - 130)**	**EPA-19 TO-14**
Chlorobenzene	**103**	**(70 - 130)**	**EPA-19 TO-14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	97	(70 - 130)
Toluene-d8	111	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921-5947
Phone: (865) 291-3000
Fax: (865) 584-4315

H0J100114

27936

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD*

Reference Document No. 6788
Page 1 of 1

Project Name/No. [1] PPG OAK CREEK
Sample Team Members [2] ED WALCZAK IT Corp 312-263-2127
Profit Center No. [3]
Project Manager [4] CHRIS PIKE
Purchase Order No. [6]
Required Report Date [11] STANDARD TAT

Samples Shipment Date [7] 10/6/00
Lab Destination [8] STL KNOXVILLE
Lab Contact [9]
Project Contact/Phone [12] CHRIS PIKE 412-858-3963
Carrier/Waybill No. [13] FEDEX 823906742632

Bill to: [5]
Report to: [10] CHRIS PIKE IT CORP PITTSBURG 412-858-3963

White: To accompany samples
Yellow: Field copy

ONE CONTAINER PER LINE

Sample Number [14]	Sample Description/Type [15]	Date/Time Collected [16]	Container Type [17]	Sample Volume [18]	Preservative [19]	Requested Testing Program [20]	Condition on Receipt [21]	Disposal Record No. [22]
1	OVERALL INFLUENT	10:15 10/6/00	SIV C163 SUMMA			TO-14 (VOCs)		
2	EFFLUENT	10/6/00 11:20	SIV 12496			TO-14 (VOCs)		
3	SVE-1	10/6/00 9:30	SIV 14148 16197			TO-14 (VOCs)	Rec'd Temp. Ambient	
4	SVE-2	10/6/00 9:45	SIV 04418			TO-14 (VOCs)	Custody Seals Intact	
5	SVE-3	10/6/00 9:50	SIV 12398			TO-14 (VOCs)	Mfd. 10/10/00	
6	SVE-4	10:05 10/6/00	SIV 2017			TO-14 (VOCs)	Rec'd Evacuated	

FOR LAB USE ONLY

Special Instructions: [23] NONE

Possible Hazard Identification: [24]
Non-hazard [X] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ]

Sample Disposal: [25]
Return to Client [ ] Disposal by Lab [ ] Archive (mos.)

Turnaround Time Required: [26]
Normal [X] Rush [ ]

QC Level: [27]
I. [ ] II. [ ] III. [ ] Project Specific (specify):

1. Relinquished by [28] (Signature/Affiliation) IT Corp	Date: 10/6/00 Time: 1745
1. Received by [28] (Signature/Affiliation)	Date: 10/10/00 Time: 08:45
2. Relinquished by (Signature/Affiliation)	Date: Time:
2. Received by (Signature/Affiliation)	Date: Time:
3. Relinquished by (Signature/Affiliation)	Date: Time:
3. Received by (Signature/Affiliation)	Date: Time:

Comments: [29]

*See back of form for special instructions.

21

MCA 3/15/91

Invoice

SEVERN TRENT SERVICES

STL Knoxville
5815 Middlebrook Pike
Knoxville,TN 37921-5947
Tel: (865) 588-6401
Fax: (865) 584-4315

REMIT TO:

Severn Trent Laboratories, Inc.
P.O. Box 2473
Carol Stream, IL 60132-2473

Bill To:
Max Curtner
IT Corporation
16406 US Rt 224 East
Finlay,OH 45840

Number: **14007127**
Date: 16 OCT 00
Quanterra Project Number: H0J100114
Customer Number: 00044898
Terms: NET 30 DAYS
Customer Contact

SAMPLE RECEIVING DATE : 10/10/00
REPORT DATE : 10/13/00
Chris Pike

IT Corporation - Monroeville Engineering
2790 Mosside Blvd
Monroeville,PA 15146-2792

Line No.	Qty.	Matrix Code	Analysis Description	Unit Price	Extended Price
	6	AIR	AIR, Canister Rental	35.00	210.00
	6	AIR	AIR, TO-14, Volatile Organics	250.00	1,500.00

Please reference Invoice number when remitting.

Customer P.O. Number / Contract Number / Reference
778165-013/PPG Pilot Plant

Quanterra Project Manager: **Jamie A. McKinney**
Salesperson: MCK

Sub Total	
Tax	1,710.00
Total	

D U P L I C A T E C O P Y
Severn Trent Laboratories, Inc

H0L120113 Analytical Report 1

Sample Data Summary..... 21

Total Number of Pages 21

SEVERN TRENT SERVICES

STL Knoxville
5815 Middlebrook Pike
Knoxville, TN 37921-5947

Tel: 865-291-3000
Fax: 865-584-4315
www.stl-inc.com

ANALYTICAL REPORT

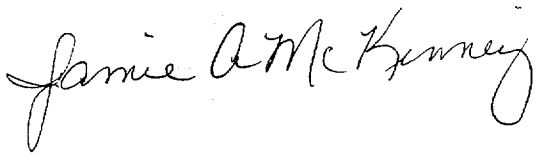
PPG Pilot Plant

Lot #: H0L120113

Chris Pike

IT Corporation - Monroeville E
2790 Mosside Blvd
Monroeville, PA 15146-2792

SEVERN TRENT LABORATORIES, INC.



Jamie A. McKinney
Project Manager

December 20, 2000

ANALYTICAL METHODS SUMMARY

H0L120113

PARAMETER	ANALYTICAL METHOD
Volatile Organics by TO14	EPA-19 TO-14

References:

EPA-19 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA/600/4-89/017, June 1988.

SAMPLE SUMMARY

H0L120113

WO #	SAMPLE#	CLIENT SAMPLE ID	DATE	TIME
DQ802	001	OVERALL INFLUENT	12/08/00	07:55
DQ803	002	EFFLUENT	12/08/00	08:20
DQ805	003	SVE-1	12/08/00	08:45
DQ807	004	SVE-2	12/08/00	09:15
DQ81A	005	SVE-3	12/08/00	09:50
DQ81C	006	SVE-4	12/08/00	10:10

NOTE(S):

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

PROJECT NARRATIVE
H0L120113

The results reported herein are applicable to the samples submitted for analysis only.

The original chain of custody documentation is included with this report.

Sample Receipt

There were no problems with the condition of the samples received.

Quality Control

All holding times and QC criteria were met.

This report shall not be reproduced except in full, without the written approval of the laboratory.

STL Knoxville maintains the following certifications, approvals and accreditations: Arkansas DPCE, California ELAP Cert. #2100, Connecticut DPH Cert. #PH-0233, Florida Cert. #E87177, Florida DEP CompQAP #880566, Georgia DNR, Cert. #906, Hawaii DOH, Indiana DOH, Cert. #C-TN-02, Kentucky DEP Lab ID #90101, Maryland DHMH Cert. #277, Massachusetts Cert. #M-TN009, New Jersey DEP, Cert. #80001, New Mexico ED, New York DOH Lab #10781, North Carolina DEHNR Cert. #64, North Dakota DOHCL Cert. #R-134, Ohio EPA VAP #CL0059, Oklahoma DEQ ID #9415, South Carolina DHEC Lab ID #84001, Tennessee DOH Lab ID #02014, Utah DOH Cust. ID QUAN#, Virginia DGS Lab ID #00165, Washington DOE Lab #C120, Wisconsin DNR Lab ID #998044300, AALA Cert. #486.01, US Army Corps of Engineers, Naval Facilities Engineering Service Center, and USDA Soil Permit #S-3929. This list of approvals is subject to change and does not imply that laboratory certification is available for all parameters reported in this environmental sample data report.

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0L120113-001 **Work Order #...:** DQ8021AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 230 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	46	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	46	ppb(v/v)
Chloromethane	ND	120	ppb(v/v)
Vinyl chloride	ND	46	ppb(v/v)
Bromomethane	ND	46	ppb(v/v)
Chloroethane	ND	46	ppb(v/v)
Trichlorofluoromethane	ND	46	ppb(v/v)
1,1-Dichloroethene	ND	46	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	46	ppb(v/v)
Methylene chloride	ND	46	ppb(v/v)
1,1-Dichloroethane	ND	46	ppb(v/v)
cis-1,2-Dichloroethene	ND	46	ppb(v/v)
Chloroform	ND	46	ppb(v/v)
1,1,1-Trichloroethane	ND	46	ppb(v/v)
Carbon tetrachloride	ND	46	ppb(v/v)
Benzene	ND	46	ppb(v/v)
1,2-Dichloroethane	ND	46	ppb(v/v)
Trichloroethene	ND	46	ppb(v/v)
1,2-Dichloropropane	ND	46	ppb(v/v)
cis-1,3-Dichloropropene	ND	46	ppb(v/v)
Toluene	**790**	**46**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	46	ppb(v/v)
1,1,2-Trichloroethane	ND	46	ppb(v/v)
Tetrachloroethene	ND	46	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	46	ppb(v/v)
Chlorobenzene	ND	46	ppb(v/v)
Ethylbenzene	**1300**	**46**	**ppb(v/v)**
m-Xylene & p-Xylene	**4100**	**46**	**ppb(v/v)**
o-Xylene	**1600**	**46**	**ppb(v/v)**
Styrene	**2500**	**46**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	46	ppb(v/v)
1,3,5-Trimethylbenzene	**360**	**46**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**260**	**46**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	46	ppb(v/v)
1,4-Dichlorobenzene	ND	46	ppb(v/v)
1,2-Dichlorobenzene	ND	46	ppb(v/v)
Benzyl chloride	ND	46	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: OVERALL INFLUENT

GC/MS Volatiles

Lot-Sample #...: H0L120113-001 **Work Order #...:** DQ8021AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	46	ppb(v/v)
Hexachlorobutadiene	ND	46	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0L120113-002 **Work Order #...:** DQ8031AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 1.96 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	**0.44**	**0.39**	**ppb(v/v)**
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.39	ppb(v/v)
Chloromethane	ND	0.98	ppb(v/v)
Vinyl chloride	ND	0.39	ppb(v/v)
Bromomethane	ND	0.39	ppb(v/v)
Chloroethane	ND	0.39	ppb(v/v)
Trichlorofluoromethane	ND	0.39	ppb(v/v)
1,1-Dichloroethene	ND	0.39	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.39	ppb(v/v)
Methylene chloride	ND	0.39	ppb(v/v)
1,1-Dichloroethane	ND	0.39	ppb(v/v)
cis-1,2-Dichloroethene	ND	0.39	ppb(v/v)
Chloroform	ND	0.39	ppb(v/v)
1,1,1-Trichloroethane	ND	0.39	ppb(v/v)
Carbon tetrachloride	ND	0.39	ppb(v/v)
Benzene	ND	0.39	ppb(v/v)
1,2-Dichloroethane	ND	0.39	ppb(v/v)
Trichloroethene	ND	0.39	ppb(v/v)
1,2-Dichloropropane	ND	0.39	ppb(v/v)
cis-1,3-Dichloropropene	ND	0.39	ppb(v/v)
Toluene	**0.56**	**0.39**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	0.39	ppb(v/v)
1,1,2-Trichloroethane	ND	0.39	ppb(v/v)
Tetrachloroethene	ND	0.39	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	0.39	ppb(v/v)
Chlorobenzene	ND	0.39	ppb(v/v)
Ethylbenzene	**0.53**	**0.39**	**ppb(v/v)**
m-Xylene & p-Xylene	**1.2**	**0.39**	**ppb(v/v)**
o-Xylene	**0.42**	**0.39**	**ppb(v/v)**
Styrene	**0.48**	**0.39**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	0.39	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.39	ppb(v/v)
1,2,4-Trimethylbenzene	ND	0.39	ppb(v/v)
1,3-Dichlorobenzene	ND	0.39	ppb(v/v)
1,4-Dichlorobenzene	ND	0.39	ppb(v/v)
1,2-Dichlorobenzene	ND	0.39	ppb(v/v)
Benzyl chloride	ND	0.39	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: EFFLUENT

GC/MS Volatiles

Lot-Sample #...: H0L120113-002 **Work Order #...:** DQ8031AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	0.39	ppb(v/v)
Hexachlorobutadiene	ND	0.39	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0L120113-003 **Work Order #...:** DQ8051AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 232.3 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	46	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	46	ppb(v/v)
Chloromethane	ND	120	ppb(v/v)
Vinyl chloride	ND	46	ppb(v/v)
Bromomethane	ND	46	ppb(v/v)
Chloroethane	ND	46	ppb(v/v)
Trichlorofluoromethane	ND	46	ppb(v/v)
1,1-Dichloroethene	ND	46	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	46	ppb(v/v)
Methylene chloride	ND	46	ppb(v/v)
1,1-Dichloroethane	ND	46	ppb(v/v)
cis-1,2-Dichloroethene	ND	46	ppb(v/v)
Chloroform	ND	46	ppb(v/v)
1,1,1-Trichloroethane	ND	46	ppb(v/v)
Carbon tetrachloride	ND	46	ppb(v/v)
Benzene	ND	46	ppb(v/v)
1,2-Dichloroethane	ND	46	ppb(v/v)
Trichloroethene	**510**	**46**	**ppb(v/v)**
1,2-Dichloropropane	ND	46	ppb(v/v)
cis-1,3-Dichloropropene	ND	46	ppb(v/v)
Toluene	**900**	**46**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	46	ppb(v/v)
1,1,2-Trichloroethane	ND	46	ppb(v/v)
Tetrachloroethene	ND	46	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	46	ppb(v/v)
Chlorobenzene	ND	46	ppb(v/v)
Ethylbenzene	**2400**	**46**	**ppb(v/v)**
m-Xylene & p-Xylene	**3300**	**46**	**ppb(v/v)**
o-Xylene	**1100**	**46**	**ppb(v/v)**
Styrene	**4900**	**46**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	46	ppb(v/v)
1,3,5-Trimethylbenzene	**250**	**46**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**140**	**46**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	46	ppb(v/v)
1,4-Dichlorobenzene	ND	46	ppb(v/v)
1,2-Dichlorobenzene	ND	46	ppb(v/v)
Benzyl chloride	ND	46	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-1

GC/MS Volatiles

Lot-Sample #...: H0L120113-003 **Work Order #...:** DQ8051AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	46	ppb(v/v)
Hexachlorobutadiene	ND	46	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	100	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0L120113-004 **Work Order #...:** DQ8071AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 258.85 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	52	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	52	ppb(v/v)
Chloromethane	ND	130	ppb(v/v)
Vinyl chloride	ND	52	ppb(v/v)
Bromomethane	ND	52	ppb(v/v)
Chloroethane	ND	52	ppb(v/v)
Trichlorofluoromethane	ND	52	ppb(v/v)
1,1-Dichloroethene	ND	52	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	52	ppb(v/v)
Methylene chloride	ND	52	ppb(v/v)
1,1-Dichloroethane	ND	52	ppb(v/v)
cis-1,2-Dichloroethene	ND	52	ppb(v/v)
Chloroform	ND	52	ppb(v/v)
1,1,1-Trichloroethane	ND	52	ppb(v/v)
Carbon tetrachloride	ND	52	ppb(v/v)
Benzene	ND	52	ppb(v/v)
1,2-Dichloroethane	ND	52	ppb(v/v)
Trichloroethene	ND	52	ppb(v/v)
1,2-Dichloropropane	ND	52	ppb(v/v)
cis-1,3-Dichloropropene	ND	52	ppb(v/v)
Toluene	**1300**	**52**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	52	ppb(v/v)
1,1,2-Trichloroethane	ND	52	ppb(v/v)
Tetrachloroethene	ND	52	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	52	ppb(v/v)
Chlorobenzene	ND	52	ppb(v/v)
Ethylbenzene	**1400**	**52**	**ppb(v/v)**
m-Xylene & p-Xylene	**5500**	**52**	**ppb(v/v)**
o-Xylene	**2200**	**52**	**ppb(v/v)**
Styrene	**1800**	**52**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	52	ppb(v/v)
1,3,5-Trimethylbenzene	**290**	**52**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**210**	**52**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	52	ppb(v/v)
1,4-Dichlorobenzene	ND	52	ppb(v/v)
1,2-Dichlorobenzene	ND	52	ppb(v/v)
Benzyl chloride	ND	52	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-2

GC/MS Volatiles

Lot-Sample #...: H0L120113-004 **Work Order #...:** DQ8071AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	52	ppb(v/v)
Hexachlorobutadiene	ND	52	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0L120113-005 **Work Order #...:** DQ81A1AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 227 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	45	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	45	ppb(v/v)
Chloromethane	ND	110	ppb(v/v)
Vinyl chloride	ND	45	ppb(v/v)
Bromomethane	ND	45	ppb(v/v)
Chloroethane	ND	45	ppb(v/v)
Trichlorofluoromethane	ND	45	ppb(v/v)
1,1-Dichloroethene	ND	45	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	45	ppb(v/v)
Methylene chloride	ND	45	ppb(v/v)
1,1-Dichloroethane	ND	45	ppb(v/v)
cis-1,2-Dichloroethene	ND	45	ppb(v/v)
Chloroform	ND	45	ppb(v/v)
1,1,1-Trichloroethane	ND	45	ppb(v/v)
Carbon tetrachloride	ND	45	ppb(v/v)
Benzene	ND	45	ppb(v/v)
1,2-Dichloroethane	ND	45	ppb(v/v)
Trichloroethene	ND	45	ppb(v/v)
1,2-Dichloropropane	ND	45	ppb(v/v)
cis-1,3-Dichloropropene	ND	45	ppb(v/v)
Toluene	**160**	**45**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	45	ppb(v/v)
1,1,2-Trichloroethane	ND	45	ppb(v/v)
Tetrachloroethene	ND	45	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	45	ppb(v/v)
Chlorobenzene	ND	45	ppb(v/v)
Ethylbenzene	**340**	**45**	**ppb(v/v)**
m-Xylene & p-Xylene	**2400**	**45**	**ppb(v/v)**
o-Xylene	**740**	**45**	**ppb(v/v)**
Styrene	**320**	**45**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	45	ppb(v/v)
1,3,5-Trimethylbenzene	**290**	**45**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**210**	**45**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	45	ppb(v/v)
1,4-Dichlorobenzene	ND	45	ppb(v/v)
1,2-Dichlorobenzene	ND	45	ppb(v/v)
Benzyl chloride	ND	45	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-3

GC/MS Volatiles

Lot-Sample #...: H0L120113-005 Work Order #...: DQ81A1AA Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	45	ppb(v/v)
Hexachlorobutadiene	ND	45	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	101	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	102	(70 - 130)

IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0L120113-006 **Work Order #...:** DQ81C1AA **Matrix.....:** AIR
Date Sampled...: 12/08/00 **Date Received..:** 12/12/00
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 187.78 **Method.....:** EPA-19 TO-14

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	ND	38	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	38	ppb(v/v)
Chloromethane	ND	94	ppb(v/v)
Vinyl chloride	ND	38	ppb(v/v)
Bromomethane	ND	38	ppb(v/v)
Chloroethane	ND	38	ppb(v/v)
Trichlorofluoromethane	ND	38	ppb(v/v)
1,1-Dichloroethene	ND	38	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	38	ppb(v/v)
Methylene chloride	ND	38	ppb(v/v)
1,1-Dichloroethane	ND	38	ppb(v/v)
cis-1,2-Dichloroethene	ND	38	ppb(v/v)
Chloroform	ND	38	ppb(v/v)
1,1,1-Trichloroethane	ND	38	ppb(v/v)
Carbon tetrachloride	ND	38	ppb(v/v)
Benzene	ND	38	ppb(v/v)
1,2-Dichloroethane	ND	38	ppb(v/v)
Trichloroethene	ND	38	ppb(v/v)
1,2-Dichloropropane	ND	38	ppb(v/v)
cis-1,3-Dichloropropene	ND	38	ppb(v/v)
Toluene	**390**	**38**	**ppb(v/v)**
trans-1,3-Dichloropropene	ND	38	ppb(v/v)
1,1,2-Trichloroethane	ND	38	ppb(v/v)
Tetrachloroethene	ND	38	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	38	ppb(v/v)
Chlorobenzene	ND	38	ppb(v/v)
Ethylbenzene	**950**	**38**	**ppb(v/v)**
m-Xylene & p-Xylene	**2400**	**38**	**ppb(v/v)**
o-Xylene	**1000**	**38**	**ppb(v/v)**
Styrene	**2600**	**38**	**ppb(v/v)**
1,1,2,2-Tetrachloroethane	ND	38	ppb(v/v)
1,3,5-Trimethylbenzene	**560**	**38**	**ppb(v/v)**
1,2,4-Trimethylbenzene	**390**	**38**	**ppb(v/v)**
1,3-Dichlorobenzene	ND	38	ppb(v/v)
1,4-Dichlorobenzene	ND	38	ppb(v/v)
1,2-Dichlorobenzene	ND	38	ppb(v/v)
Benzyl chloride	ND	38	ppb(v/v)

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IT CORPORATION - MONROEVILLE ENGINEERING

Client Sample ID: SVE-4

GC/MS Volatiles

Lot-Sample #...: H0L120113-006 **Work Order #...:** DQ81C1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2,4-Trichloro-benzene	ND	38	ppb(v/v)
Hexachlorobutadiene	ND	38	ppb(v/v)

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	99	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	105	(70 - 130)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0L120113 **Work Order #...:** DRG5K1AA **Matrix.....:** AIR
MB Lot-Sample #: H0L150000-270

Prep Date.....: 12/14/00
Analysis Date..: 12/14/00 **Prep Batch #...:** 0350270
Dilution Factor: 1

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Dichlorodifluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloromethane	ND	0.50	ppb(v/v)	EPA-19 TO-14
Vinyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Bromomethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichlorofluoromethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Methylene chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,2-Dichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chloroform	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Carbon tetrachloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Trichloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichloropropane	ND	0.20	ppb(v/v)	EPA-19 TO-14
cis-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Toluene	ND	0.20	ppb(v/v)	EPA-19 TO-14
trans-1,3-Dichloropropene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
Tetrachloroethene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dibromoethane (EDB)	ND	0.20	ppb(v/v)	EPA-19 TO-14
Chlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Ethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
m-Xylene & p-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
o-Xylene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Styrene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,1,2,2-Tetrachloroethane	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3,5-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trimethylbenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,3-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,4-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2-Dichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14
Benzyl chloride	ND	0.20	ppb(v/v)	EPA-19 TO-14
1,2,4-Trichlorobenzene	ND	0.20	ppb(v/v)	EPA-19 TO-14

(Continued on next page)

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: H0L120113 **Work Order #...:** DRG5K1AA **Matrix.....:** AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD
Hexachlorobutadiene	ND	0.20	ppb(v/v)	EPA-19 TO-14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	100	(70 - 130)
Toluene-d8	102	(70 - 130)
4-Bromofluorobenzene	99	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE DATA REPORT

GC/MS Volatiles

Client Lot #...: H0L120113 **Work Order #...:** DRG5K1AC **Matrix.....:** AIR
LCS Lot-Sample#: H0L150000-270
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 1

PARAMETER	SPIKE AMOUNT	MEASURED AMOUNT	UNITS	PERCENT RECOVERY	METHOD
1,1-Dichloroethene	**10.0**	**9.83**	**ppb(v/v)**	**98**	**EPA-19 TO-14**
Benzene	**10.0**	**9.77**	**ppb(v/v)**	**98**	**EPA-19 TO-14**
Trichloroethene	**10.0**	**9.98**	**ppb(v/v)**	**100**	**EPA-19 TO-14**
Toluene	**10.0**	**9.99**	**ppb(v/v)**	**100**	**EPA-19 TO-14**
Chlorobenzene	**10.0**	**9.85**	**ppb(v/v)**	**98**	**EPA-19 TO-14**

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #...: H0L120113 **Work Order #...:** DRG5K1AC **Matrix.....:** AIR
LCS Lot-Sample#: H0L150000-270
Prep Date.....: 12/14/00 **Analysis Date..:** 12/14/00
Prep Batch #...: 0350270
Dilution Factor: 1

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	METHOD
1,1-Dichloroethene	98	(70 - 130)	EPA-19 TO-14
Benzene	98	(70 - 130)	EPA-19 TO-14
Trichloroethene	100	(70 - 130)	EPA-19 TO-14
Toluene	100	(70 - 130)	EPA-19 TO-14
Chlorobenzene	98	(70 - 130)	EPA-19 TO-14

SURROGATE	PERCENT RECOVERY	RECOVERY LIMITS
1,2-Dichloroethane-d4	98	(70 - 130)
Toluene-d8	101	(70 - 130)
4-Bromofluorobenzene	101	(70 - 130)

NOTE(S):

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Chain of Custody Record

HOL120113

STL-KNOXVILLE

Quanterra Environmental Services

DF 12-4-00

QUA-4124-1

Client: I T CORPORATION	Project Manager: PAUL LAMBERT	Date: 12/8/00	Chain Of Custody Number: 70978
Address: 300 W. WASHINGTON #900	Telephone Number (Area Code)/Fax Number: (312) 263 2720 (312) 263 2720	Lab Number:	Page 1 of 1
City: CHICAGO / State: IL / Zip Code: 60606	Site Contact:	Lab Contact:	
Project Name: PPG - OAK CREEK, WI	Carrier/Waybill Number: FEDEX 813385270652		
Contract/Purchase Order/Quote No.			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Aqueous	Sed.	Soil	Gas	Containers & Preservatives: Unpres	H_2SO_4	HNO_3	HCl	NaOH	ZnAc/NaOH	Analysis: S,VOA	TO-14 (VEG)	Special Instructions/ Conditions of Receipt: CANISTER S/N
OVERALL INFLUENT	12/8/00	0755				X							X	X	11352
EFFLUENT	12/8/00	0820				X							X	X	12433
SVE-1	12/8/00	0845				X							X	X	0116
SVE-2	12/8/00	0915				X							X	X	12209
SVE-3	12/8/00	0950				X							X	X	12342
SVE-4	12/8/00	1010				X							X	X	04746

Rec'd Temp. Ambient
Custody Seals intact
mfH. 12-12-00
Rec'd 6 cans No-Flow controlers.

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown

Sample Disposal
[ ] Return To Client [ ] Disposal By Lab [ ] Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required
[ ] 24 Hours [ ] 48 Hours [ ] 7 Days [X] 14 Days [ ] 21 Days [ ] Other

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: E. Mc	12/8/00	1630	1. Received By: Matthew J. Howard	12-12-00	08:30
2. Relinquished By: IT COUR	Date	Time	2. Received By	Date	Time
3. Relinquished By	Date	Time	3. Received By	Date	Time

Comments

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

1.0 Summary Report

1.1 Laboratory Report

Cover Page
Laboratory Narrative
Laboratory Results

KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

PO Number:
Account Number: ITCORPOH-398

Login #: L0006193
Report Date: 07/05/00
Work ID: 778165/PPG OAK CREEK
Date Received: 06/08/00

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0006193-01	SB1/0-4	L0006193-02	SB1/4-8
L0006193-03	SB2/0-4	L0006193-04	SB2/4-8
L0006193-05	SB2-GW	L0006193-06	SB3/0-4
L0006193-07	SB3/8-12	L0006193-08	SB3-GW
L0006193-09	SB4/0-4	L0006193-10	SB4/4-8
L0006193-11	SB4-GW	L0006193-12	SB5/0-4
L0006193-13	SB5/8-12	L0006193-14	SB5-GW
L0006193-15	SB4/4-8/D	L0006193-16	SB3-GW-D
L0006193-17	TRIP BLANK		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861

Certified By
Dennis S. Tepe

KEMRON ENVIRONMENTAL SERVICES

Order #00-06-193
July 11, 2000 14:06

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

SAMPLE RECEIPT:

The cooler temperature was 3 degrees Celsius. All samples were received intact.

VOLATILE ORGANICS - 8260:

The following LCS recovery results were outside of control limits:

Analysis Date	Instrument	Matrix	Analyte	Description
06/19/00	HPMS 2	Middle-level soil	2-Butanone	Exceeded upper control limit
06/21/00	HPMS 2	Middle-level soil	2-Butanone	Exceeded upper control limit

The above outliers were not detected above the reporting limits in samples associated with the LCS's. Several MS/MSD and RPD results were outside advisory limits.

Multiple samples required dilution analyses in order to obtain results within the linear range of the instrument.

Fractions 06, 07, and 10 slightly effervesced upon sodium bisulfate preservation. The Encore sampling container used for the middle-level analysis of fraction 02 was not sealed in strict accordance with the manufacturer's specifications.

The analysis of fraction 11 was performed 22 days after collection. There were no other difficulties encountered during the analysis of this sample delivery group.

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-01
Client Sample ID: SB1/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 11:40

% Solid: 94
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	94		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-01
Client Sample ID: SB1/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 13:30

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20648

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	1.1	J	4.3	.8
78-93-3	2-Butanone	ug/kg	19	J	85	.8
100-41-4	Ethylbenzene	ug/kg	5700	D	480	90
108-10-1	4-Methyl-2-pentanone	ug/kg	16		8.5	.8
75-09-2	Methylene chloride	ug/kg	1.2	J	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.85	.8
127-18-4	Tetrachloroethene	ug/kg	3.5	J	0.85	.8
108-88-3	Toluene	ug/kg	29		4.3	.8
95-47-6	o-Xylene	ug/kg	11000	D	480	90
136777-61-2	m-Xylene	ug/kg	55000	D,Z	4800	900
106-42-3	p-Xylene	ug/kg		Z	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	85.9	(80 - 120%)
1,2-Dichloroethane-d4	98.5	(80 - 120%)
Toluene-d8	87.3	(81 - 117%)
4-Bromofluorobenzene	96.0	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-02
Client Sample ID: SB1/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 11:55

% Solid: 93
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	93		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-02
Client Sample ID: SB1/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 17:19

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M36525

Method: 8260B
Run ID: R93171
Batch : WG79178

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	460	85
78-93-3	2-Butanone	ug/kg	1400	J	9100	85
100-41-4	Ethylbenzene	ug/kg	2800		460	85
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	910	85
75-09-2	Methylene chloride	ug/kg		ND	460	85
100-42-5	Styrene	ug/kg		ND	460	85
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	91	85
127-18-4	Tetrachloroethene	ug/kg		ND	91	85
108-88-3	Toluene	ug/kg	240	J	460	85
95-47-6	o-Xylene	ug/kg	12000		460	85
136777-61-2	m-Xylene	ug/kg	63000	D,Z	4600	850
106-42-3	p-Xylene	ug/kg		Z	460	85

SURROGATES- In Percent Recovery:

Dibromofluoromethane	102	(80 - 120%)
1,2-Dichloroethane-d4	97.5	(80 - 120%)
Toluene-d8	97.1	(81 - 117%)
4-Bromofluorobenzene	97.1	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-03
Client Sample ID: SB2/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 12:05

% Solid: 90
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	90		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-03
Client Sample ID: SB2/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 19:23

Dil. Type: N/A
COC Info: 17743/

Date Collected: 06/07/00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20659

Sample Weight: N/A
Extract Volume: N/A

% Solid: 90

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	0.91	J	4.4	.8
78-93-3	2-Butanone	ug/kg		ND	89	.8
100-41-4	Ethylbenzene	ug/kg	180	D	440	80
108-10-1	4-Methyl-2-pentanone	ug/kg	14		8.9	.8
75-09-2	Methylene chloride	ug/kg		ND	4.4	.8
100-42-5	Styrene	ug/kg		ND	4.4	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.89	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.89	.8
108-88-3	Toluene	ug/kg	530	I	4.4	.8
95-47-6	o-Xylene	ug/kg	130	D	440	80
136777-61-2	m-Xylene	ug/kg	450	D,Z	440	80
106-42-3	p-Xylene	ug/kg		Z	4.4	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	90.4	(80 - 120%)
1,2-Dichloroethane-d4	98.3	(80 - 120%)
Toluene-d8	94.0	(81 - 117%)
4-Bromofluorobenzene	104	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-04
Client Sample ID: SB2/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 12:15

% Solid: 88
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	88		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-04
Client Sample ID: SB2/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 88

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 14:35

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20650

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	0.66	J	4.5	.8
78-93-3	2-Butanone	ug/kg		ND	91	.8
100-41-4	Ethylbenzene	ug/kg	0.70	J	4.5	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.1	.8
75-09-2	Methylene chloride	ug/kg		ND	4.5	.8
100-42-5	Styrene	ug/kg		ND	4.5	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.91	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.91	.8
108-88-3	Toluene	ug/kg	0.94	J	4.5	.8
95-47-6	o-Xylene	ug/kg	0.50	J	4.5	.8
136777-61-2	m-Xylene	ug/kg	2.3	J,Z	4.5	.8
106-42-3	p-Xylene	ug/kg		Z	4.5	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	88.3	(80 - 120%)
1,2-Dichloroethane-d4	94.5	(80 - 120%)
Toluene-d8	92.1	(81 - 117%)
4-Bromofluorobenzene	96.1	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-05
Client Sample ID: SB2-GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/20/00 Time: 19:31

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M4285.D

Method: 8260B
Run ID: R93307
Batch : WG79271

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	0.23	J	5.0	1
78-93-3	2-Butanone	ug/L	510	D	1000	10
100-41-4	Ethylbenzene	ug/L	580	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	4.0	J	5.0	1
95-47-6	o-Xylene	ug/L	17		5.0	1
108-38-3	m-Xylene	ug/L	340	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.0		(86 - 118%)
1,2-Dichloroethane-d4	105		(80 - 120%)
Toluene-d8	133	*	(88 - 110%)
4-Bromofluorobenzene	110		(86 - 115%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-06
Client Sample ID: SB3/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 14:50

% Solid: 96
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	96		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-06
Client Sample ID: SB3/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 06/07/00

% Solid: 96

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 15:08

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20651

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	1.7	J	4.7	.9
78-93-3	2-Butanone	ug/kg	4.7	J	94	.9
100-41-4	Ethylbenzene	ug/kg	3.1	J	4.7	.9
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.4	.9
75-09-2	Methylene chloride	ug/kg	0.70	J	4.7	.9
100-42-5	Styrene	ug/kg		ND	4.7	.9
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.94	.9
127-18-4	Tetrachloroethene	ug/kg		ND	0.94	.9
108-88-3	Toluene	ug/kg	22		4.7	.9
95-47-6	o-Xylene	ug/kg	49		4.7	.9
136777-61-2	m-Xylene	ug/kg	52	Z	4.7	.9
106-42-3	p-Xylene	ug/kg		Z	4.7	.9

SURROGATES- In Percent Recovery:

Dibromofluoromethane	89.1	(80 - 120%)
1,2-Dichloroethane-d4	96.5	(80 - 120%)
Toluene-d8	92.6	(81 - 117%)
4-Bromofluorobenzene	100	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-07
Client Sample ID: SB3/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 15:00

% Solid: 93
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	93		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-07
Client Sample ID: SB3/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 15:41

Dil. Type: N/A
COC Info: 17743/

Date Collected: 06/07/00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20652

Sample Weight: N/A
Extract Volume: N/A

% Solid: 93

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg	48	J	86	.8
100-41-4	Ethylbenzene	ug/kg	1100	D	430	80
108-10-1	4-Methyl-2-pentanone	ug/kg	5200	D	860	80
75-09-2	Methylene chloride	ug/kg	1.9	J	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.86	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.86	.8
108-88-3	Toluene	ug/kg	27		4.3	.8
95-47-6	o-Xylene	ug/kg	15000	D	430	80
136777-61-2	m-Xylene	ug/kg	59000	D,Z	4300	800
106-42-3	p-Xylene	ug/kg		Z	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	91.3	(80 - 120%)
1,2-Dichloroethane-d4	97.1	(80 - 120%)
Toluene-d8	92.0	(81 - 117%)
4-Bromofluorobenzene	96.5	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-08
Client Sample ID: SB3-GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/20/00 Time: 20:04

Dil. Type: N/A
COC Info: 17743/

Date Collected: 06/07/00

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M4286.D

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B
Run ID: R93307
Batch : WG79271

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	9.1		5.0	1
78-93-3	2-Butanone	ug/L	11	J	100	1
100-41-4	Ethylbenzene	ug/L	160		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	180	D	100	10
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	120		5.0	1
95-47-6	o-Xylene	ug/L	110		5.0	1
108-38-3	m-Xylene	ug/L	1700	D,Z	50	10
106-42-3	p-Xylene	ug/L		Z	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.2	(86 - 118%)
1,2-Dichloroethane-d4	95.5	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4-Bromofluorobenzene	108	(86 - 115%)

RL = Reporting Limit

18

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-09
Client Sample ID: SB4/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 13:35

% Solid: 89
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	89		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

19

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-09
Client Sample ID: SB4/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 16:13

Dil. Type: N/A
COC Info: 17743/

Date Collected: 06/07/00

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20653

Sample Weight: N/A
Extract Volume: N/A

% Solid: 89

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	3.9	.7
78-93-3	2-Butanone	ug/kg		ND	79	.7
100-41-4	Ethylbenzene	ug/kg	8.3		3.9	.7
108-10-1	4-Methyl-2-pentanone	ug/kg	320	I	7.9	.7
75-09-2	Methylene chloride	ug/kg	1.1	J	3.9	.7
100-42-5	Styrene	ug/kg		ND	3.9	.7
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.79	.7
127-18-4	Tetrachloroethene	ug/kg		ND	0.79	.7
108-88-3	Toluene	ug/kg	1.2	J	3.9	.7
95-47-6	o-Xylene	ug/kg	460		3.9	.7
136777-61-2	m-Xylene	ug/kg	5500	D,Z	420	75
106-42-3	p-Xylene	ug/kg		Z	3.9	.7

SURROGATES- In Percent Recovery:

Dibromofluoromethane	87.8	(80 - 120%)
1,2-Dichloroethane-d4	94.8	(80 - 120%)
Toluene-d8	93.4	(81 - 117%)
4-Bromofluorobenzene	95.5	(74 - 121%)

RL = Reporting Limit

20

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-10
Client Sample ID: SB4/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 13:40

% Solid: 91
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	91		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-10
Client Sample ID: SB4/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 06/07/00

% Solid: 91

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 16:45

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20654

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.4	.8
78-93-3	2-Butanone	ug/kg	8.52	J	88	.8
100-41-4	Ethylbenzene	ug/kg	4.22	J	4.4	.8
108-10-1	4-Methyl-2-pentanone	ug/kg	5.81	J	8.8	.8
75-09-2	Methylene chloride	ug/kg		ND	4.4	.8
100-42-5	Styrene	ug/kg		ND	4.4	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.88	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.88	.8
108-88-3	Toluene	ug/kg	2.75	J	4.4	.8
95-47-6	o-Xylene	ug/kg	16.0		4.4	.8
136777-61-2	m-Xylene	ug/kg	15.2	Z	4.4	.8
106-42-3	p-Xylene	ug/kg		Z	4.4	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	86.6	(80 - 120%)
1,2-Dichloroethane-d4	92.9	(80 - 120%)
Toluene-d8	93.4	(81 - 117%)
4-Bromofluorobenzene	100	(74 - 121%)

RL = Reporting Limit

22

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-V0 - Special List - 8260

Lab Sample ID: L0006193-11
Client Sample ID: SB4-GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/29/00 Time: 09:57

Instrument: HPMS9
Analyst: MES
Lab File ID: 9M10348.D

Method: 8260B
Run ID: R94433
Batch : WG79903

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	500	100
78-93-3	2-Butanone	ug/L		ND	10000	100
100-41-4	Ethylbenzene	ug/L	20000	D	5000	1000
108-10-1	4-Methyl-2-pentanone	ug/L		ND	1000	100
75-09-2	Methylene chloride	ug/L		ND	500	100
100-42-5	Styrene	ug/L		ND	500	100
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	50	100
127-18-4	Tetrachloroethene	ug/L		ND	50	100
108-88-3	Toluene	ug/L	9000		500	100
95-47-6	o-Xylene	ug/L	12000		500	100
108-38-3	m-Xylene	ug/L	56000	D,Z	5000	1000
106-42-3	p-Xylene	ug/L		Z	5000	1000

SURROGATES- In Percent Recovery:

Dibromofluoromethane	89.3	(86 - 118%)
1,2-Dichloroethane-d4	86.6	(80 - 120%)
Toluene-d8	93.6	(88 - 110%)
4-Bromofluorobenzene	99.3	(86 - 115%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-12
Client Sample ID: SB5/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 12:45

% Solid: 91
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	91		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-12
Client Sample ID: SB5/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 91

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 17:17

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20655

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	0.62	J	4.4	.8
78-93-3	2-Butanone	ug/kg		ND	88	.8
100-41-4	Ethylbenzene	ug/kg	0.44	J	4.4	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	8.8	.8
75-09-2	Methylene chloride	ug/kg	0.66	J	4.4	.8
100-42-5	Styrene	ug/kg		ND	4.4	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.88	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.88	.8
108-88-3	Toluene	ug/kg	0.96	J	4.4	.8
95-47-6	o-Xylene	ug/kg	0.53	J	4.4	.8
136777-61-2	m-Xylene	ug/kg	1.2	J,Z	4.4	.8
106-42-3	p-Xylene	ug/kg		Z	4.4	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	88.9	(80 - 120%)
1,2-Dichloroethane-d4	95.9	(80 - 120%)
Toluene-d8	93.4	(81 - 117%)
4-Bromofluorobenzene	104	(74 - 121%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-13
Client Sample ID: SB5/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 12:50

% Solid: 89
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	89		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-13
Client Sample ID: SB5/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 89

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 17:48

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20656

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	1.3	J	4.5	.8
78-93-3	2-Butanone	ug/kg	3.9	J	90	.8
100-41-4	Ethylbenzene	ug/kg		ND	4.5	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.0	.8
75-09-2	Methylene chloride	ug/kg	1.1	J	4.5	.8
100-42-5	Styrene	ug/kg		ND	4.5	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.90	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.90	.8
108-88-3	Toluene	ug/kg	2.4	J	4.5	.8
95-47-6	o-Xylene	ug/kg	1.4	J	4.5	.8
136777-61-2	m-Xylene	ug/kg	4.4	J,Z	4.5	.8
106-42-3	p-Xylene	ug/kg		Z	4.5	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	89.3	(80 - 120%)
1,2-Dichloroethane-d4	96.3	(80 - 120%)
Toluene-d8	93.5	(81 - 117%)
4-Bromofluorobenzene	101	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-14
Client Sample ID: SB5-GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/20/00 Time: 23:46

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M4291

Method: 8260B
Run ID: R93481
Batch : WG79341

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	6.3		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L	26		10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	13	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	92.1	(86 - 118%)
1,2-Dichloroethane-d4	84.5	(80 - 120%)
Toluene-d8	104	(88 - 110%)
4-Bromofluorobenzene	108	(86 - 115%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0006193-15
Client Sample ID: SB4/4-8/D
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 06/07/00 13:55

% Solid: 90
COC Info: 17743/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	90		1.0	1	N/A	TMM	06/09/00	10:45	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-15
Client Sample ID: SB4/4-8/D
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: 90

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/19/00 Time: 18:20

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M20657

Method: 8260B
Run ID: R93334
Batch : WG79172

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg	1.7	J	4.4	.8
78-93-3	2-Butanone	ug/kg	11	J	89	.8
100-41-4	Ethylbenzene	ug/kg	8.5		4.4	.8
108-10-1	4-Methyl-2-pentanone	ug/kg	13		8.9	.8
75-09-2	Methylene chloride	ug/kg	0.70	J	4.4	.8
100-42-5	Styrene	ug/kg		ND	4.4	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.89	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.89	.8
108-88-3	Toluene	ug/kg	6.0		4.4	.8
95-47-6	o-Xylene	ug/kg	160		4.4	.8
136777-61-2	m-Xylene	ug/kg	80	Z	4.4	.8
106-42-3	p-Xylene	ug/kg		Z	4.4	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	89.8	(80 - 120%)
1,2-Dichloroethane-d4	95.4	(80 - 120%)
Toluene-d8	94.8	(81 - 117%)
4-Bromofluorobenzene	105	(74 - 121%)

RL - Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-16
Client Sample ID: SB3-GW-D
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 17743/

Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/21/00 Time: 00:18

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M4292.D

Method: 8260B
Run ID: R93482
Batch : WG79341

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	11		5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	210	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L	310	D	100	10
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	150		5.0	1
95-47-6	o-Xylene	ug/L	130		5.0	1
108-38-3	m-Xylene	ug/L	2200	D,Z	50	10
106-42-3	p-Xylene	ug/L		Z	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.8	(86 - 118%)
1,2-Dichloroethane-d4	89.7	(80 - 120%)
Toluene-d8	103	(88 - 110%)
4-Bromofluorobenzene	108	(86 - 115%)

RL = Reporting Limit

Login #L0006193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0006193-17
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 17743/
Date Collected: 06/07/00

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/21/00 Time: 00:51

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M4293

Method: 8260B
Run ID: R93482
Batch : WG79341

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.5	(86 - 118%)
1,2-Dichloroethane-d4	85.4	(80 - 120%)
Toluene-d8	108	(88 - 110%)
4-Bromofluorobenzene	113	(86 - 115%)

RL = Reporting Limit

29

Order #: 00-06-193
July 5, 2000 08:23 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG78607	R92174	L0006193-01		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-02		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-03		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-04		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-06		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-07		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-09		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-10		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-12		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-13		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG78607	R92174	L0006193-15		Soil	Percent Solids	D2216-90	07-JUN-2000	Conventionals
WG79172	R93334	L0006193-01		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-03		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-04		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-06		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-07		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-09		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-10		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-12		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-13		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79172	R93334	L0006193-15		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79178	R93171	L0006193-02		Soil	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79271	R93307	L0006193-05		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79271	R93307	L0006193-08		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79341	R93481	L0006193-14		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79341	R93482	L0006193-16		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79341	R93482	L0006193-17		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS
WG79903	R94433	L0006193-11		Water	Special List - 8260	8260B	07-JUN-2000	Volatile - GC/MS

1.2 Attachments

KEMRON Environmental Services, Inc.
LIST OF VALID QUALIFIERS (qual)
December 10, 1998

Qualifier	Description
A	See the report narrative
NA	Not applicable
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
B	Present in the method blank
C	Confirmed by GC/MS
*	Surrogate or spike compound out of range
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
F	Present below nominal reporting limit (AFCEE only)
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration > 25% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out of control limits
Z	Can not be resolved from isomer. See below.

Special Notes for Organic Analytes

1. Acrolein and acrylonitrile by method 624 are semiquantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

KEMRON ANALYST LIST

Ohio Valley Laboratory

06/01/00

ABW - Angela B. Wigal
AJN - Amanda J. Noland
ALT - Ann L. Thayer
ARS - Angelina (Nina) R. Scott
BKL - Brian K. LeMasters
BRG - Brenda R. Gregory
CAG - Cheryl A. Graham
CAK - Cheryl A. Koelsch
CBN - Charles B. Noll
CEB - Chad E. Barnes
CLC - Chrys L. Crawford
CLK - Carl L. King
CLW - Charissa L. Winters
CMS - Crystal M. Stevens
CRC - Carla R. Cochran
CSH - Chris S. Hill
CWS - Clark W. Stanley
DAM - Dan A. Musgrave
DAS - Dallas A. Sullivan
DAT - Debbie A. Tornes
DEL - Don E. Lightfritz
DEV - David E. Vandenberg
DGB - Douglas G. Butcher
DIB - Dalia I. Brown
DIH - Deanna I. Hesson

DLA - Denise L. Adams
DLB - David L. Bumgarner
DLN - Deanna L. Norton
DLP - Dorothy L. Payne
DLR - Dianna L. Rauch
DMD - David M. Dye
DP - Deanna L. Pierson
DST - Dennis S. Tepe
EAH - Elizabeth A. Heldmen
EAW - Elizabeth (Beth) A. Weber
ECL - Eric C. Lawson
EIE - Elizabeth (Betsy) I. Eagle
GSG - Galen S. George
GWH - George W. Hutchinson
HD - Heath Dennis
HV - Hema Vilasagar
JCR - Jennifer C. Randall
JDN - Jamie D. Newell
JEA - Josh E. Arnold
JKM - June K. Morris
JKW - Jane K. Warden
JLH - Janice L. Holland
JMT - Joy M. Thomas
JMW - John M. Wass
JRM - Jay R. McDougal

JWR - John W. Richards
JWS - Jack W. Sheaves
JYH - Ji Y. Hu
KDS - Kristi D. Stone
KHR - Kim H. Rhodes
KRA - Kathy R. Albertson
KSL - Kelly S. Lauer
LKM - Laura K Morris
LKN - Linda K. Nedeff
LLB - Lori L. Bradley
LSA - Lucinda (Cindy) S. Arnold
LSB - Leslie S. Bucina
MDA - Mike D. Albertson
MDC - Michael D. Cochran
MDG - Melissa D. Grimes
MEF - Mike E. Flanagan
MES - Mary E. Schilling
MFB - Mike F. Barrow
MKD - Marissa K. Dye
MLS - Michael L. Schimmel
MMB- Maren M. Beery
MSW - Matt S. Wilson
MWS - Matt W. Sowards
NJB - Natalie J. Booth
PML - Paula M. Leidy

RDC - Rebecca D. Cutlip
REF - Ron E. Fertile
REK - Robert E. Kyer
RJW - Rhonda J. Wittekind
RLW - Ron L. Watson
RSH - Renee S. Hennes
RSS - Regina S. Simmons
RWC - Rod W. Campbell
SJK - Sindy J. Kinney
SLP - Sheri L. Pfalzgraf
SLT - Stephanie L. Tepe
SMW - Shauna M. Welch
SPL - Steve P. Learn
SPS - Steve P. Swatzel
TAY - Todd A. Yoak
TJH - Tim J. Hoeflich
TLD - Teresa L. Davis
TMM- Tammy M. Morris
VC - Vicki Collier

COC No. A 17743

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORPORATION

Project Contact: PAUL LAMBERT
Contact Phone #: 312-263-2727

Turn Around Requirements: STANDARD
Location: 300 W. WASHINGTON SUITE 900, CHICAGO, IL 60606

Project #: 778165
Project Name: PPG OAK CREEK

Sampler (print): ED WALCZAK
Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USACE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs (8260)	ADDITIONAL REQUIREMENTS
SB1 (0-4)		X	6/7/00	1140					X	
SB1 (4-8)		X		1155					X	
~~SB1 GW~~		~~X~~								
SB2 (0-4)		X		1205					X	
SB2 (4-8)		X		1215					X	
SB2-GW		X		1550					X	
SB3 (0-4)		X		1450					X	
SB3 (8-12)		X		1500					X	
SB3-GW		X		1510					X	
SB4 (0-4)		X		1335					X	
SB4 (4-8)		X		1340					X	
SB4-GW		X		1400					X	vials need w/ headspace (2)
SB5 (0-4)		X		1245					X	
SB5 (8-12)		X		1250					X	
SB5-GW		X		1305					X	(2) vials need w/ headspace (2)
TRIP BLANK				—					X	
SB4 (4-8) D		X		1355					X	
SB3-GW-D		X		1515					X	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	6/7/00	1905					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Brenda Gregory	6/8/00	0956	3	C/C dated Sb contact (2)

*Homogenize all composite samples prior to analysis

Page _____ of _____

KEMRON Internal Laboratory Chain of Custody

Work Order: L0006193 **Client:** IT **# of Samples:** 17 **Due Date:** 6/19 **Page:** ____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1-4, 6-7 9-10, 12-15	8260/1835	AN	Mej 6.8.00 1695	V-1	VOA	KBG	Tmm @ 0725 7/05/00	Archive	KBG	Archive
1-4, 6, 7, 9, 10 12, 13, 15	PCT-5	test	Tmm 6/9/00 @ 0830	walk in	wet	KBG	TMM @ 1600 6/9/00	Archive	KBG	Archive
5, 8, 11, 14 16, 17	8260	AN	Mej 6.15.00 1540	V-1	VOA	KBG	Tmm @ 1427 7/05/a	~~Archive~~	KBG	Archive

2.0 Full Sample Data Package

2.1 Volatiles Data

2.1.1 Volatiles GCMS Data (8260)

VOLATILES GC/MS DATA

Login Number: L0006193

A. QC Summary

- ✓ Batch QC Summary Forms
- ✓ Internal Standard/Surrogate Summary Forms

B. Sample Data

- ✓ Target Compound List Results - See Summary Report
- NA Tentatively Identified Compounds (TICs) - See Summary Report (c) (if requested)
- ✓ Reconstructed total ion chromatograph (RIC) and quantitation report for each sample
- ✓ Raw spectra and background subtracted mass spectra of target compounds identified
- ✓ Mass spectra of all reported TICs with three best library matches (if requested)

C. Standards Data

- ✓ Initial calibration data summary form
- ✓ Chromatograms and quantitation reports for initial calibration standards
- ✓ Continuing calibration data summary form
- ✓ Chromatogram and quantitation report for continuing calibration standard

D. Raw QC Data

- ✓ GC/MS Instrument Performance Check (BFB)
- ✓ Blank chromatogram and quantitation report
- ✓ Laboratory Control Sample chromatogram and quantitation report
- ✓ Matrix Spike/Matrix Spike Duplicate chromatograms and quantitation reports (if not reported as samples)
- ✓ Instrument runlogs
- ✓ 5035 preservation logs

Checked By: [signature] **Date:** 6/28/00

2.1.1.1 QC Summary

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79178	**Run Date:**	6/19/00	**Sample:**	06-290-05	**LCS DF:**	100
Method:	8260B	**Instrument ID:**	HPMS2	**Smple Flnm:**	2M36522.D	**SMPL DF:**	12500
Matrix:	SOIL	**BLK FLNM:**	2M36515.D	**Dup Flnm:**	2M36523.D	**DUP DF:**	12500
Units:	ug/Kg	**LCS FLNM:**	2M36516.D				

		CONCENTRATION, PPB					PERCENT RECOVERY						PERCENT RPD		OUTLIERS			
	RDL	Blank	LCS	LCS Spike Level	Sample	DUP	BLK	LCS	LCS LCL	LCS UCL	SMPL	DUP	RPD	RPD UCL	Blank	LCS	Sample	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%				
dichlorodifluoromethane	1000.0	ND	2059.7	2000.0	ND	ND	NA	103.0	19.0	175.0	ND	ND	NA	64.0				
chloromethane	1000.0	ND	2401.2	2000.0	ND	ND	NA	120.1	54.0	144.0	ND	ND	NA	38.0				
vinyl chloride	1000.0	ND	2131.1	2000.0	ND	ND	NA	106.6	67.0	141.0	ND	ND	NA	70.0				
bromomethane	1000.0	102.0	2250.8	2000.0	ND	ND	NA	112.5	67.0	143.0	ND	ND	NA	41.0				
chloroethane	1000.0	ND	2106.1	2000.0	ND	ND	NA	105.3	71.0	135.0	ND	ND	NA	52.0				
trichlorofluoromethane	1000.0	ND	1898.5	2000.0	ND	ND	NA	94.9	68.0	151.0	ND	ND	NA	38.0				
isoprene	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
acrolein	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
freon 113	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
acetone	10000.0	639.9	3020.6	2000.0	ND	ND	NA	151.0	70.0	161.0	ND	ND	NA	53.0				
1,1-dichloroethene	500.0	ND	2172.0	2000.0	ND	ND	NA	108.6	83.0	133.0	ND	ND	NA	25.0				
dimethyl sulfide	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
iodomethane	NTC	74.9	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
methylene chloride	500.0	ND	2465.3	2000.0	ND	ND	NA	123.3	70.0	130.0	ND	ND	NA	23.0				
carbon disulfide	500.0	ND	1760.6	2000.0	ND	ND	NA	88.0	65.0	135.0	ND	ND	NA	20.0				
acrylonitrile	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
methyl-tert-butyl ether	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
trans-1,2-dichloroethene	500.0	ND	2085.6	2000.0	ND	ND	NA	104.3	81.0	145.0	ND	ND	NA	25.0				
n-hexane	500.0	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
vinyl acetate	1000.0	ND	808.9	2000.0	ND	ND	NA	40.4	10.0	156.0	ND	ND	NA	61.0				
1,1-dichloroethane	500.0	ND	2083.0	2000.0	ND	ND	NA	104.2	86.0	126.0	ND	ND	NA	24.0				
2-butanone	10000.0	2352.6	4241.9	2000.0	ND	ND	NA	212.1	39.0	159.0	ND	ND	NA	40.0		H		
2,2-dichloropropane	500.0	ND	1944.3	2000.0	ND	ND	NA	97.2	70.0	134.0	ND	ND	NA	20.0				
cis-1,2-dichloroethene	500.0	ND	2041.0	2000.0	ND	ND	NA	102.0	78.0	129.0	ND	ND	NA	18.0				
chloroform	500.0	ND	2174.2	2000.0	ND	ND	NA	108.7	81.0	126.0	ND	ND	NA	16.0				
bromochloromethane	500.0	ND	2091.9	2000.0	ND	ND	NA	104.6	81.0	129.0	ND	ND	NA	22.0				
1,1,1-trichloroethane	500.0	ND	1990.2	2000.0	ND	ND	NA	99.5	77.0	130.0	ND	ND	NA	21.0				
cyclohexane	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
1,1-dichloropropene	500.0	ND	2372.2	2000.0	ND	ND	NA	118.6	92.0	136.0	ND	ND	NA	20.0				
carbon tetrachloride	500.0	ND	2003.5	2000.0	ND	ND	NA	100.2	76.0	132.0	ND	ND	NA	25.0				
1,2-dichloroethane	500.0	ND	2050.8	2000.0	ND	ND	NA	102.5	78.0	128.0	ND	ND	NA	21.0				
benzene	500.0	ND	2068.0	2000.0	ND	ND	NA	103.4	86.0	122.0	ND	ND	NA	18.0				
trichloroethene	500.0	ND	2186.0	2000.0	97481.0	100923.8	NA	109.3	84.0	125.0	97481.0	100923.8	3.5	19.0				
1,2-dichloropropane	500.0	ND	2063.8	2000.0	ND	ND	NA	103.2	83.0	125.0	ND	ND	NA	22.0				
bromodichloromethane	500.0	ND	2149.5	2000.0	ND	ND	NA	107.5	80.0	130.0	ND	ND	NA	16.0				
dibromomethane	500.0	ND	2070.3	2000.0	ND	ND	NA	103.5	80.0	127.0	ND	ND	NA	20.0				
2-chloroethylvinyl-ether	1000.0	ND	2181.9	2000.0	ND	ND	NA	109.1	50.0	154.0	ND	ND	NA	32.0				
4-methyl-2-pentanone	1000.0	ND	2113.5	2000.0	ND	ND	NA	105.7	48.0	158.0	ND	ND	NA	34.0				
cis-1,3-dichloropropene	500.0	ND	2294.3	2000.0	ND	ND	NA	114.7	85.0	127.0	ND	ND	NA	20.0				
dimethyl disulfide	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
toluene	500.0	ND	1992.3	2000.0	128984.0	145554.7	NA	99.6	85.0	123.0	128984.0	145554.7	12.1	18.0				
ethyl methacrylate	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
trans-1,3-dichloropropene	500.0	ND	1931.7	2000.0	ND	ND	NA	96.6	82.0	124.0	ND	ND	NA	22.0				
1,1,2-trichloroethane	500.0	ND	1954.6	2000.0	ND	ND	NA	97.7	82.0	126.0	ND	ND	NA	21.0				

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79178	**Run Date:**	6/19/00	**Sample:**	06-290-05	**LCS DF:**	100
Method:	8260B	**Instrument ID:**	HPMS2	**Smple Flnm:**	2M36522.D	**SMPL DF:**	12500
Matrix:	SOIL	**BLK FLNM:**	2M36515.D	**Dup Flnm:**	2M36523.D	**MS DF:**	12500
Units:	ug/Kg	**LCS FLNM:**	2M36516.D				

		CONCENTRATION, PPM					PERCENT RECOVERY						PERCENT RPD		OUTLIERS			
	RDL	BLK	LCS	LCS Spike Level	SMPL	DUP	BLK	LCS	LCS LCL	LCS UCL	SMPL	DUP	RPD	RPD UCL	Blank	LCS	Sample	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%				
2-hexanone	1000.0	ND	1799.1	2000.0	ND	ND	NA	90.0	38.0	130.0	ND	ND	NA	32.0				
1,3-dichloropropane	500.0	ND	1889.3	2000.0	ND	ND	NA	94.5	84.0	104.0	ND	ND	NA	23.0				
tetrachloroethene	500.0	ND	2005.0	2000.0	235231.1	256175.9	NA	100.3	83.0	126.0	235231.1	256175.9	8.5	22.0				
dibromochloromethane	500.0	ND	1934.1	2000.0	ND	ND	NA	96.7	82.0	126.0	ND	ND	NA	22.0				
1,2-dibromoethane	500.0	ND	1921.7	2000.0	ND	ND	NA	96.1	81.0	128.0	ND	ND	NA	20.0				
1-chlorohexane	NTC	ND	NS	NS	ND	ND	NA	NA	60.0	140.0	ND	ND	NA	NA				
chlorobenzene	500.0	ND	2026.8	2000.0	10713.7	11314.9	NA	101.3	86.0	125.0	10713.7	11314.9	5.5	16.0				
1,1,1,2-tetrachloroethane	500.0	ND	1988.0	2000.0	ND	ND	NA	99.4	83.0	127.0	ND	ND	NA	19.0				
ethylbenzene	500.0	ND	2038.0	2000.0	51774.1	54984.2	NA	101.9	86.0	125.0	51774.1	54984.2	6.0	16.0				
m+p-xylene	500.0	ND	4224.4	4000.0	247457.3	260363.2	NA	105.6	86.0	123.0	247457.3	260363.2	5.1	29.0				
o-xylene	500.0	ND	2097.3	2000.0	77008.3	80894.2	NA	104.9	87.0	124.0	77008.3	80894.2	4.9	16.0				
styrene	500.0	ND	2090.7	2000.0	ND	ND	NA	104.5	83.0	124.0	ND	ND	NA	16.0				
bromoform	500.0	ND	1899.0	2000.0	ND	ND	NA	95.0	64.0	132.0	ND	ND	NA	17.0				
isopropylbenzene	500.0	ND	2038.6	2000.0	ND	ND	NA	101.9	85.0	124.0	ND	ND	NA	16.0				
1,1,2,2-tetrachloroethane	500.0	ND	1872.4	2000.0	ND	ND	NA	93.6	72.0	140.0	ND	ND	NA	32.0				
1,2,3-trichloropropane	500.0	ND	1899.0	2000.0	ND	ND	NA	95.0	70.0	144.0	ND	ND	NA	24.0				
trans-1,4-dichloro-2-butene	NTC	ND	NS	NS	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
propyl-benzene	500.0	ND	2024.0	2000.0	10673.4	11054.7	NA	101.2	84.0	126.0	10673.4	11054.7	3.5	17.0				
bromobenzene	500.0	ND	1891.9	2000.0	ND	ND	NA	94.6	85.0	121.0	ND	ND	NA	18.0				
1,3,5-trimethylbenzene	500.0	ND	1973.4	2000.0	17361.8	17992.8	NA	98.7	86.0	124.0	17361.8	17992.8	3.6	17.0				
2-chlorotoluene	500.0	ND	1918.4	2000.0	ND	ND	NA	95.9	81.0	127.0	ND	ND	NA	23.0				
4-chlorotoluene	500.0	ND	2027.2	2000.0	ND	ND	NA	101.4	84.0	125.0	ND	ND	NA	17.0				
alpha-methyl-styrene	NTC	ND	NS	2000.0	ND	ND	NA	NA	NA	NA	ND	ND	NA	NA				
tert-butyl-benzene	500.0	ND	1915.1	2000.0	ND	ND	NA	95.8	83.0	125.0	ND	ND	NA	17.0				
1,2,4-trimethylbenzene	500.0	ND	2041.2	2000.0	61690.5	63454.9	NA	102.1	87.0	124.0	61690.5	63454.9	2.8	16.0				
sec-butyl-benzene	500.0	ND	1931.1	2000.0	ND	ND	NA	96.6	83.0	126.0	ND	ND	NA	17.0				
p-isopropyl-toluene	500.0	ND	1979.9	2000.0	ND	ND	NA	99.0	83.0	122.0	ND	ND	NA	16.0				
1,3-dichlorobenzene	500.0	ND	1984.6	2000.0	ND	ND	NA	99.2	85.0	121.0	ND	ND	NA	16.0				
1,4-dichlorobenzene	500.0	ND	1957.0	2000.0	ND	ND	NA	97.8	84.0	119.0	ND	ND	NA	16.0				
n-butyl-benzene	500.0	ND	2108.7	2000.0	7742.5	7530.7	NA	105.4	81.0	128.0	7742.5	7530.7	2.8	17.0				
1,2-dichlorobenzene	500.0	ND	1952.6	2000.0	47602.7	44504.4	NA	97.6	86.0	123.0	47602.7	44504.4	6.7	16.0				
1,2-dibromo-3-chloropropan	500.0	ND	1916.0	2000.0	ND	ND	NA	95.8	51.0	151.0	ND	ND	NA	27.0				
1,2,4-trichlorobenzene	500.0	ND	1984.4	2000.0	ND	ND	NA	99.2	74.0	126.0	ND	ND	NA	21.0				
hexachlorobutadiene	500.0	85.1	1911.8	2000.0	ND	ND	NA	95.6	73.0	131.0	ND	ND	NA	27.0				
napthalene	1000.0	ND	1986.7	2000.0	33474.02	23919.3	NA	99.3	61.0	142.0	33474.0	23919.3	33.3	26.0				H
1,2,3-trichlorobenzene	500.0	68.9	1830.9	2000.0	ND	ND	NA	91.5	72.0	130.0	ND	ND	NA	23.0				
Surrogates																		
dibromofluoromethane		25.7	25.0	25.0	25.9	25.6	102.7	100.0	80	1250	103.5	102.2						
1,2-dichloroethane-d4		24.6	23.7	25.0	27.1	25.2	98.6	94.8	80	120	108.3	100.9						
toluene-d8		23.7	24.4	25.0	23.9	23.9	94.7	97.48	81	117	95.7	95.5						
p-bromofluorobenzene		23.6	23.9	25.0	24.5	24.4	94.4	95.48	74	121	97.8	97.5						

Notes and Definitions:
MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference
H=Above control limit
L=Below control limit
NS=Not spiked
ND= Non Detected

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79172	**Run Date:**	6/19/00	**SMPL Num:**	NA	**LCS DF:**	1.0
Method:	8260B	**Instrument ID:**	HPMS6	**SMPL FLNM:**	NA	**SMPL DF:**	NA
Matrix:	Na(SO4) Soil	**BLK FLNM:**	6M20646.D	**MS FLNM:**	NA	**MS DF:**	NA
Units:	ug/Kg	**LCS FLNM:**	6M20647.D	**MSD FLNM:**	NA	**MSD DF:**	NA

		CONCENTRATION, PPB								PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	MSD Spike Level	BLK	LCS	LCS LCL	LCS UCL	SMPL	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.76	ND	29.82	20.0	NA	NA	NA	NA	NA	ND	149.1	35.0	155.0	NA	NA	NA	10.0	153.0	NA	43.0						
chloromethane	0.62	ND	34.62	20.0	NA	NA	NA	NA	NA	ND	173.1	53.0	144.0	NA	NA	NA	49.0	129.0	NA	25.0		H				
vinyl chloride	1.06	ND	27.81	20.0	NA	NA	NA	NA	NA	ND	139.1	57.0	151.0	NA	NA	NA	57.0	135.0	NA	26.0						
bromomethane	0.95	ND	30.44	20.0	NA	NA	NA	NA	NA	ND	152.2	67.0	158.0	NA	NA	NA	58.0	140.0	NA	27.0						
chloroethane	1.42	ND	29.17	20.0	NA	NA	NA	NA	NA	ND	145.9	53.0	156.0	NA	NA	NA	69.0	126.0	NA	24.0						
trichlorofluoromethane	1.48	ND	22.09	20.0	NA	NA	NA	NA	NA	ND	110.5	67.0	142.0	NA	NA	NA	67.0	152.0	NA	15.0						
isoprene	0.83	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NS	NA	NA	NA						
acrolein	53.3	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.99	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	NA	NS	NS	NA	NA	NA	NA						
acetone	3.90	ND	30.33	20.0	NA	NA	NA	NA	NA	ND	151.7	64.0	175.0	NA	NA	NA	40.0	142.0	NA	51.0						
1,1-dichloroethene	0.90	ND	22.29	20.0	NA	NA	NA	NA	NA	ND	111.5	76.0	124.0	NA	NA	NA	81.0	130.0	NA	16.0						
dimethyl sulfide	0.55	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.72	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	NA	NS	NS	NA	NA	NA	NA						
methylene chloride	0.61	ND	25.06	20.0	NA	NA	NA	NA	NA	ND	125.3	76.0	133.0	NA	NA	NA	76.0	125.0	NA	17.0						
carbon disulfide	0.68	ND	18.81	20.0	NA	NA	NA	NA	NA	ND	94.1	79.0	126.0	NA	NA	NA	70.0	138.0	NA	19.0						
acrylonitrile	3.61	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	NA	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.77	ND	20.46	20.0	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,2-dichloroethene	0.42	ND	22.68	20.0	NA	NA	NA	NA	NA	ND	113.4	83.0	138.0	NA	NA	NA	86.0	135.0	NA	15.0						
n-hexane	2.68	ND	23.15	20.0	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
vinyl acetate	4.68	ND	8.94	20.0	NA	NA	NA	NA	NA	ND	44.7	10.0	237.0	NA	NA	NA	10.0	136.0	NA	155.0						
1,1-dichloroethane	0.50	ND	21.88	20.0	NA	NA	NA	NA	NA	ND	109.4	81.0	132.0	NA	NA	NA	84.0	127.0	NA	16.0						
2-butanone	3.62	ND	22.68	20.0	NA	NA	NA	NA	NA	ND	113.4	48.0	151.0	NA	NA	NA	61.0	137.0	NA	47.0						
2,2-dichloropropane	0.59	ND	22.42	20.0	NA	NA	NA	NA	NA	ND	112.1	75.0	127.0	NA	NA	NA	79.0	130.0	NA	20.0						
cis-1,2-dichloroethene	0.43	ND	20.59	20.0	NA	NA	NA	NA	NA	ND	103.0	73.0	125.0	NA	NA	NA	82.0	121.0	NA	16.0						
chloroform	0.49	ND	22.82	20.0	NA	NA	NA	NA	NA	ND	114.1	81.0	130.0	NA	NA	NA	85.0	121.0	NA	15.0						
bromochloromethane	0.69	ND	19.76	20.0	NA	NA	NA	NA	NA	ND	98.8	77.0	136.0	NA	NA	NA	85.0	121.0	NA	15.0						
1,1,1-trichloroethane	0.72	ND	22.48	20.0	NA	NA	NA	NA	NA	ND	112.4	78.0	129.0	NA	NA	NA	78.0	127.0	NA	17.0						
cyclohexane	0.58	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.56	ND	26.01	20.0	NA	NA	NA	NA	NA	ND	130.1	73.0	141.0	NA	NA	NA	91.0	133.0	NA	15.0						
carbon tetrachloride	0.57	ND	23.11	20.0	NA	NA	NA	NA	NA	ND	115.6	68.0	133.0	NA	NA	NA	70.0	130.0	NA	19.0						
1,2-dichloroethane	0.58	ND	22.40	20.0	NA	NA	NA	NA	NA	ND	112.0	76.0	134.0	NA	NA	NA	78.0	128.0	NA	16.0						
benzene	0.44	ND	22.47	20.0	NA	NA	NA	NA	NA	ND	112.4	77.0	132.0	NA	NA	NA	87.0	118.0	NA	15.0						
trichloroethene	0.62	ND	20.34	20.0	NA	NA	NA	NA	NA	ND	101.7	71.0	135.0	NA	NA	NA	83.0	123.0	NA	15.0						
1,2-dichloropropane	0.51	ND	21.52	20.0	NA	NA	NA	NA	NA	ND	107.6	74.0	138.0	NA	NA	NA	81.0	121.0	NA	15.0						
bromodichloromethane	0.49	ND	24.04	20.0	NA	NA	NA	NA	NA	ND	120.2	81.0	132.0	NA	NA	NA	81.0	126.0	NA	15.0						
dibromomethane	0.62	ND	21.56	20.0	NA	NA	NA	NA	NA	ND	107.8	75.0	134.0	NA	NA	NA	83.0	122.0	NA	15.0						
2-chloroethylvinyl ether	2.57	ND	0.00	20.0	NA	NA	NA	NA	NA	ND	0.0	NA	NA	NA	NA	NA	NA	NA	NA	NA						
4-methyl-2-pentanone	3.96	ND	20.30	20.0	NA	NA	NA	NA	NA	ND	101.5	31.0	152.0	NA	NA	NA	66.0	132.0	NA	42.0						
cis-1,3-dichloropropene	0.47	ND	24.84	20.0	NA	NA	NA	NA	NA	ND	124.2	56.0	138.0	NA	NA	NA	82.0	124.0	NA	15.0						
dimethyl disulfide	0.66	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.50	ND	22.58	20.0	NA	NA	NA	NA	NA	ND	112.9	64.0	139.0	NA	NA	NA	84.0	123.0	NA	15.0						
ethyl methacrylate	0.77	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.58	ND	22.89	20.0	NA	NA	NA	NA	NA	ND	114.5	58.0	137.0	NA	NA	NA	80.0	124.0	NA	15.0						
1,1,2-trichloroethane	0.59	ND	22.56	20.0	NA	NA	NA	NA	NA	ND	112.8	73.0	131.0	NA	NA	NA	78.0	122.0	NA	16.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79172	**Run Date:** 6/19/00	SMPL Num:	NA	**LCS DF:** 1
Method:	8260B	**Instrument ID:** HPMS6	SMPL FLNM:	NA	**SMPL DF:** NA
Matrix:	Na(SO4)2	**BLK FLNM:** 6M20646.D	MS FLNM:	NA	**MS DF:** NA
Units:	ug/Kg	**LCS FLNM:** 6M20647.D	MSD FLNM:	NA	**MSD DF:** NA

		CONCENTRATION, PPB								PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	BLK	LCS	LCS Spike Level	SMPL	MS	MSD	MS Spike Level		BLK	LCS	LCS LCL	LCS UCL	SMPL	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg		%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	4.20	ND	22.23	20.0	NA	NA	NA	NA	NA	ND	111.2	46.0	137.0	NA	NA	NA	57.0	130.0	NA	51.0						
1,3-dichloropropane	0.54	ND	22.63	20.0	NA	NA	NA	NA	NA	ND	113.2	75.0	131.0	NA	NA	NA	78.0	123.0	NA	15.0						
tetrachloroethene	0.44	ND	22.55	20.0	NA	NA	NA	NA	NA	ND	112.8	73.0	133.0	NA	NA	NA	83.0	124.0	NA	15.0						
dibromochloromethane	0.21	ND	22.33	20.0	NA	NA	NA	NA	NA	ND	111.7	68.0	130.0	NA	NA	NA	78.0	123.0	NA	15.0						
1,2-dibromoethane	0.21	ND	21.68	20.0	NA	NA	NA	NA	NA	ND	108.4	74.0	131.0	NA	NA	NA	79.0	123.0	NA	17.0						
1-chlorohexane	0.44	ND	23.09	20.0	NA	NA	NA	NA	NA	ND	115.5	60.0	140.0	ND	NA	NA	60.0	140.0	NA	NA						
chlorobenzene	0.24	ND	21.29	20.0	NA	NA	NA	NA	NA	ND	106.5	73.0	135.0	NA	NA	NA	87.0	118.0	NA	15.0						
1,1,1,2-tetrachloroethane	0.29	ND	23.32	20.0	NA	NA	NA	NA	NA	ND	116.6	79.0	125.0	NA	NA	NA	82.0	123.0	NA	15.0						
ethylbenzene	0.26	ND	22.29	20.0	NA	NA	NA	NA	NA	ND	111.5	74.0	133.0	NA	NA	NA	85.0	121.0	NA	15.0						
m+p-xylene	0.46	ND	44.01	40.0	NA	NA	NA	NA	NA	ND	110.0	76.0	132.0	NA	NA	NA	86.0	121.0	NA	15.0						
o-xylene	0.23	ND	21.92	20.0	NA	NA	NA	NA	NA	ND	109.6	69.0	132.0	NA	NA	NA	85.0	121.0	NA	15.0						
styrene	0.23	ND	21.97	20.0	NA	NA	NA	NA	NA	ND	109.9	59.0	136.0	NA	NA	NA	84.0	120.0	NA	15.0						
bromoform	0.25	ND	22.22	20.0	NA	NA	NA	NA	NA	ND	111.1	50.0	119.0	NA	NA	NA	73.0	124.0	NA	22.0						
isopropylbenzene	0.30	ND	21.75	20.0	NA	NA	NA	NA	NA	ND	108.8	69.0	133.0	NA	NA	NA	81.0	124.0	NA	15.0						
1,1,2,2-tetrachloroethane	0.47	ND	22.22	20.0	NA	NA	NA	NA	NA	ND	111.1	67.0	135.0	NA	NA	NA	72.0	132.0	NA	22.0						
1,2,3-trichloropropane	0.80	ND	21.60	20.0	NA	NA	NA	NA	NA	ND	108.0	65.0	141.0	NA	NA	NA	72.0	132.0	NA	24.0						
trans-1,4-dichloro-2-butene	0.77	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	60.0	140.0	NA	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.28	ND	22.96	20.0	NA	NA	NA	NA	NA	ND	114.8	74.0	133.0	NA	NA	NA	82.0	125.0	NA	23.0						
bromobenzene	0.24	ND	20.77	20.0	NA	NA	NA	NA	NA	ND	103.9	69.0	134.0	NA	NA	NA	84.0	120.0	NA	15.0						
1,3,5-trimethylbenzene	0.30	ND	21.98	20.0	NA	NA	NA	NA	NA	ND	109.9	62.0	137.0	NA	NA	NA	82.0	125.0	NA	15.0						
2-chlorotoluene	0.41	ND	21.98	20.0	NA	NA	NA	NA	NA	ND	109.9	71.0	137.0	NA	NA	NA	80.0	128.0	NA	15.0						
4-chlorotoluene	0.25	ND	22.38	20.0	NA	NA	NA	NA	NA	ND	111.9	77.0	131.0	NA	NA	NA	80.0	127.0	NA	15.0						
alpha-methyl-styrene	0.40	ND	NS	NS	NA	NA	NA	NA	NA	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.31	ND	20.98	20.0	NA	NA	NA	NA	NA	ND	104.9	63.0	135.0	NA	NA	NA	80.0	121.0	NA	15.0						
1,2,4-trimethylbenzene	0.22	ND	21.91	20.0	NA	NA	NA	NA	NA	ND	109.6	71.0	135.0	NA	NA	NA	84.0	125.0	NA	15.0						
sec-butyl-benzene	0.29	ND	21.47	20.0	NA	NA	NA	NA	NA	ND	107.4	68.0	130.0	NA	NA	NA	80.0	125.0	NA	15.0						
p-isopropyl-toluene	0.24	ND	20.86	20.0	NA	NA	NA	NA	NA	ND	104.3	66.0	129.0	NA	NA	NA	79.0	123.0	NA	15.0						
1,3-dichlorobenzene	0.29	ND	20.74	20.0	NA	NA	NA	NA	NA	ND	103.7	68.0	134.0	NA	NA	NA	70.0	130.0	NA	15.0						
1,4-dichlorobenzene	0.27	ND	20.89	20.0	NA	NA	NA	NA	NA	ND	104.5	68.0	131.0	NA	NA	NA	70.0	130.0	NA	15.0						
n-butyl-benzene	0.27	ND	22.85	20.0	NA	NA	NA	NA	NA	ND	114.3	72.0	134.0	NA	NA	NA	78.0	128.0	NA	15.0						
1,2-dichlorobenzene	0.22	ND	21.13	20.0	NA	NA	NA	NA	NA	ND	105.7	71.0	134.0	NA	NA	NA	70.0	130.0	NA	15.0						
1,2-dibromo-3-chloropropane	0.75	ND	19.58	20.0	NA	NA	NA	NA	NA	ND	97.9	51.0	129.0	NA	NA	NA	69.0	125.0	NA	38.0						
1,2,4-trichlorobenzene	0.47	ND	20.76	20.0	NA	NA	NA	NA	NA	ND	103.8	74.0	126.0	NA	NA	NA	74.0	124.0	NA	26.0						
hexachlorobutadiene	0.34	ND	21.19	20.0	NA	NA	NA	NA	NA	ND	106.0	62.0	132.0	NA	NA	NA	67.0	131.0	NA	46.0						
naphthalene	0.56	ND	19.22	20.0	NA	NA	NA	NA	NA	ND	96.1	57.0	129.0	NA	NA	NA	69.0	126.0	NA	25.0						
1,2,3-trichlorobenzene	0.49	ND	20.24	20.0	NA	NA	NA	NA	NA	ND	101.2	61.0	135.0	NA	NA	NA	60.0	137.0	NA	18.0						
Surrogates																										
dibromofluoromethane		41.7	46.0	50.0	NA	NA	NA	50.0		83.4	92.1	86	118	NA	NA	NA										
1,2-dichloroethane-d4		46.5	50.4	50.0	NA	NA	NA	50.0		92.9	100.9	80	120	NA	NA	NA										
toluene-d8		48.0	47.8	50.0	NA	NA	NA	50.0		95.9	95.5	88	110	NA	NA	NA										
p-bromofluorobenzene		49.6	47.4	50.0	NA	NA	NA	50.0		99.1	94.8	86	115	NA	NA	NA										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate

LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit

ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable

DF=Dilution Factor

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79271	**Run Date:**	06/20/2000	**Sample Num:**	06-253-27
Method:	8260B	**Instrument ID:**	HPMS10	**Sample FLNM:**	10M4270.D
Matrix:	WATER	**BLK FLNM:**	10M4268.D	**MS FLNM:**	10M4271.D
Units:	ug/L	**LCS FLNM:**	10M4269.D	**MSD FLNM:**	10M4272.D

LCS DF:	1				
Sample DF:	1				
MS DF:	1				
MSD DF:	1				

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	25.81	20.0	ND	21.07	20.26	20.0	ND	129.1	10.0	153.0	ND	105.4	101.3	10.0	153.0	3.9	42.0						
chloromethane	0.56	ND	23.91	20.0	ND	20.77	20.07	20.0	ND	119.6	49.0	129.0	ND	103.9	100.4	49.0	129.0	3.4	30.0						
vinyl chloride	0.48	ND	22.97	20.0	ND	19.02	17.15	20.0	ND	114.9	57.0	135.0	ND	95.1	85.8	57.0	135.0	10.3	30.0						
bromomethane	0.25	ND	20.54	20.0	ND	18.28	17.55	20.0	ND	102.7	58.0	140.0	ND	91.4	87.8	58.0	140.0	4.1	39.0						
chloroethane	0.22	ND	21.11	20.0	ND	18.34	17.31	20.0	ND	105.6	69.0	126.0	ND	91.7	86.6	69.0	126.0	5.8	27.0						
trichlorofluoromethane	0.46	ND	21.63	20.0	ND	18.50	16.87	20.0	ND	108.2	67.0	152.0	ND	92.5	84.4	67.0	152.0	9.2	22.0						
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	20.29	20.0	ND	19.78	19.26	20.0	ND	101.5	40.0	142.0	ND	98.9	96.3	40.0	142.0	2.7	40.0						
1,1-dichloroethene	0.27	ND	22.19	20.0	ND	18.78	18.35	20.0	ND	111.0	81.0	130.0	ND	93.9	91.8	81.0	130.0	2.3	18.0						
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	25.14	20.0	ND	22.51	22.78	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.66	20.0	ND	18.27	18.14	20.0	ND	98.3	76.0	125.0	ND	91.4	90.7	76.0	125.0	0.7	19.0						
carbon disulfide	0.15	ND	17.86	20.0	ND	15.40	14.74	20.0	ND	89.3	70.0	138.0	ND	77.0	73.7	70.0	138.0	4.4	20.0						
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	20.29	20.0	ND	18.38	18.35	20.0	ND	101.5	NA	NA	ND	91.9	91.8	NA	NA	0.2	NA						
trans-1,2-dichloroethene	0.21	ND	22.58	20.0	ND	20.10	19.55	20.0	ND	112.9	86.0	135.0	ND	100.5	97.8	86.0	135.0	2.8	16.0						
n-hexane	0.23	ND	22.16	20.0	ND	19.94	19.27	20.0	ND	110.8	63.0	137.0	ND	99.7	96.4	58.1	141.9	3.4	30.0						
vinyl acetate	4.43	ND	5.42	20.0	ND	4.64	4.79	20.0	ND	27.1	10.0	136.0	ND	23.2	24.0	10.0	136.0	3.2	45.0						
1,1-dichloroethane	0.18	ND	20.85	20.0	ND	18.95	18.34	20.0	ND	104.3	84.0	127.0	ND	94.8	91.7	84.0	127.0	3.3	15.0						
2-butanone	1.17	ND	21.95	20.0	ND	19.67	19.07	20.0	ND	109.8	61.0	137.0	ND	98.4	95.4	61.0	137.0	3.1	30.0						
2,2-dichloropropane	0.23	ND	20.70	20.0	ND	18.27	17.31	20.0	ND	103.5	79.0	130.0	ND	91.4	86.6	79.0	130.0	5.4	17.0						
cis-1,2-dichloroethene	0.14	ND	21.83	20.0	ND	20.13	19.63	20.0	ND	109.2	82.0	121.0	ND	100.7	98.2	82.0	121.0	2.5	15.0						
chloroform	0.19	ND	21.35	20.0	ND	19.64	19.01	20.0	ND	106.8	85.0	121.0	ND	98.2	95.1	85.0	121.0	3.3	15.0						
bromochloromethane	0.19	ND	21.28	20.0	ND	19.51	19.11	20.0	ND	106.4	85.0	121.0	ND	97.6	95.6	85.0	121.0	2.1	15.0						
1,1,1-trichloroethane	0.25	ND	21.07	20.0	ND	18.31	17.41	20.0	ND	105.4	78.0	127.0	ND	91.6	87.1	78.0	127.0	5.0	17.0						
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	25.64	20.0	ND	21.93	20.99	20.0	ND	128.2	91.0	133.0	ND	109.7	105.0	91.0	133.0	4.4	15.0						
carbon tetrachloride	0.30	ND	21.86	20.0	ND	19.18	18.16	20.0	ND	109.3	70.0	130.0	ND	95.9	90.8	70.0	130.0	5.5	20.0						
1,2-dichloroethane	0.33	ND	22.19	20.0	ND	20.39	19.56	20.0	ND	111.0	78.0	128.0	ND	102.0	97.8	78.0	128.0	4.2	17.0						
benzene	0.17	ND	21.05	20.0	ND	19.08	18.43	20.0	ND	105.3	87.0	118.0	ND	95.4	92.2	87.0	118.0	3.5	15.0						
trichloroethene	0.17	ND	21.60	20.0	0.93	20.35	19.50	20.0	ND	108.0	83.0	123.0	0.93	97.1	92.9	83.0	123.0	4.3	15.0						
1,2-dichloropropane	0.12	ND	21.40	20.0	ND	19.72	19.20	20.0	ND	107.0	81.0	121.0	ND	98.6	96.0	81.0	121.0	2.7	15.0						
bromodichloromethane	0.25	ND	22.09	20.0	ND	20.50	19.89	20.0	ND	110.5	81.0	126.0	ND	102.5	99.5	81.0	126.0	3.0	16.0						
dibromomethane	0.19	ND	21.88	20.0	ND	20.00	19.19	20.0	ND	109.4	83.0	122.0	ND	100.0	96.0	83.0	122.0	4.1	15.0						
2-chloroethylvinyl ether	1.07	ND	18.90	20.0	ND	14.03	10.67	20.0	ND	94.5	45.0	154.0	ND	70.2	53.4	45.0	154.0	27.2	46.0						
4-methyl-2-pentanone	1.10	ND	23.55	20.0	ND	21.00	19.78	20.0	ND	117.8	66.0	132.0	ND	105.0	98.9	66.0	132.0	6.0	33.0						
cis-1,3-dichloropropene	0.14	ND	23.24	20.0	ND	21.27	20.63	20.0	ND	116.2	82.0	124.0	ND	106.4	103.2	82.0	124.0	3.1	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	21.73	20.0	ND	19.99	19.28	20.0	ND	108.7	84.0	123.0	ND	100.0	96.4	84.0	123.0	3.6	15.0						
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	22.05	20.0	ND	20.34	19.79	20.0	ND	110.3	80.0	124.0	ND	101.7	99.0	80.0	124.0	2.7	15.0						
1,1,2-trichloroethane	0.28	ND	21.94	20.0	ND	20.19	19.60	20.0	ND	109.7	78.0	122.0	ND	101.0	98.0	78.0	122.0	3.0	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79271	**Run Date:** 06/20/2000	**SMPL Num:** 06-253-27	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS10	**SMPL FLNM:** 10M4270.D	**SMPL DF:**	1
Matrix:	WATER	**BLK FLNM:** 10M4268.D	**MS FLNM:** 10M4271.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:** 10M4269.D	**MSD FLNM:** 10M4272.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	22.37	20.0	ND	19.90	18.81	20.0	ND	111.9	57.0	130.0	ND	99.5	94.1	57.0	130.0	5.6	31.0						
1,3-dichloropropane	0.16	ND	22.06	20.0	ND	20.47	19.96	20.0	ND	110.3	78.0	123.0	ND	102.4	99.8	78.0	123.0	2.5	15.0						
tetrachloroethene	0.20	ND	21.24	20.0	ND	18.79	18.04	20.0	ND	106.2	83.0	124.0	ND	94.0	90.2	83.0	124.0	4.1	15.0						
dibromochloromethane	0.29	ND	21.36	20.0	ND	19.94	19.37	20.0	ND	106.8	78.0	123.0	ND	99.7	96.9	78.0	123.0	2.9	18.0						
1,2-dibromoethane	0.15	ND	21.70	20.0	ND	20.17	19.58	20.0	ND	108.5	79.0	123.0	ND	100.9	97.9	79.0	123.0	3.0	15.0						
1-chlorohexane	0.26	ND	19.88	20.0	ND	18.42	17.61	20.0	ND	99.4	60.0	140.0	ND	92.1	88.1	60.0	140.0	4.5	NA						
chlorobenzene	0.24	ND	19.91	20.0	ND	18.45	17.87	20.0	ND	99.6	70.0	130.0	ND	92.3	89.4	87.0	118.0	3.2	15.0						
1,1,1,2-tetrachloroethane	0.25	ND	19.97	20.0	ND	18.60	17.94	20.0	ND	99.9	82.0	123.0	ND	93.0	89.7	82.0	123.0	3.6	15.0						
ethylbenzene	0.20	ND	21.52	20.0	ND	19.63	18.70	20.0	ND	107.6	85.0	121.0	ND	98.2	93.5	85.0	121.0	4.9	15.0						
m+p-xylene	0.33	ND	43.33	40.0	ND	39.82	38.16	40.0	ND	108.3	86.0	121.0	ND	99.6	95.4	86.0	121.0	4.3	15.0						
o-xylene	0.16	ND	20.46	20.0	ND	19.12	18.38	20.0	ND	102.3	85.0	121.0	ND	95.6	91.9	85.0	121.0	3.9	15.0						
styrene	0.20	ND	22.17	20.0	ND	20.67	19.91	20.0	ND	110.9	84.0	120.0	ND	103.4	99.6	84.0	120.0	3.7	15.0						
bromoform	0.45	ND	21.31	20.0	ND	19.94	18.90	20.0	ND	106.6	73.0	124.0	ND	99.7	94.5	73.0	124.0	5.4	22.0						
isopropylbenzene	0.20	ND	19.54	20.0	ND	17.68	16.78	20.0	ND	97.7	81.0	124.0	ND	88.4	83.9	81.0	124.0	5.2	15.0						
1,1,2,2-tetrachloroethane	0.39	ND	22.77	20.0	ND	21.15	20.92	20.0	ND	113.9	72.0	132.0	ND	105.8	104.6	72.0	132.0	1.1	23.0						
1,2,3-trichloropropane	0.41	ND	22.59	20.0	ND	21.14	20.76	20.0	ND	113.0	72.0	132.0	ND	105.7	103.8	72.0	132.0	1.8	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	22.46	20.0	ND	20.28	19.98	20.0	ND	112.3	82.0	125.0	ND	101.4	99.9	82.0	125.0	1.5	15.0						
bromobenzene	0.30	ND	20.20	20.0	ND	19.12	18.92	20.0	ND	101.0	84.0	120.0	ND	95.6	94.6	84.0	120.0	1.1	15.0						
1,3,5-trimethylbenzene	0.22	ND	22.32	20.0	ND	20.51	20.27	20.0	ND	111.6	82.0	125.0	ND	102.6	101.4	82.0	125.0	1.2	15.0						
2-chlorotoluene	0.30	ND	20.18	20.0	ND	19.28	18.73	20.0	ND	100.9	80.0	128.0	ND	96.4	93.7	80.0	128.0	2.9	15.0						
4-chlorotoluene	0.26	ND	19.88	20.0	ND	19.48	19.67	20.0	ND	99.4	80.0	127.0	ND	97.4	98.4	80.0	127.0	1.0	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	21.21	20.0	ND	18.81	18.75	20.0	ND	106.1	80.0	121.0	ND	94.1	93.8	80.0	121.0	0.3	15.0						
1,2,4-trimethylbenzene	0.23	ND	20.95	20.0	ND	19.56	19.37	20.0	ND	104.8	84.0	125.0	ND	97.8	96.9	84.0	125.0	1.0	15.0						
sec-butyl-benzene	0.33	ND	20.92	20.0	ND	18.51	18.18	20.0	ND	104.6	80.0	125.0	ND	92.6	90.9	80.0	125.0	1.8	15.0						
p-isopropyl-toluene	0.33	ND	19.67	20.0	ND	17.84	17.44	20.0	ND	98.4	79.0	133.0	ND	89.2	87.2	79.0	133.0	2.3	15.0						
1,3-dichlorobenzene	0.32	ND	19.89	20.0	ND	18.60	18.53	20.0	ND	99.5	70.0	130.0	ND	93.0	92.7	70.0	130.0	0.4	15.0						
1,4-dichlorobenzene	0.38	ND	20.62	20.0	ND	19.48	19.18	20.0	ND	103.1	70.0	130.0	ND	97.4	95.9	70.0	130.0	1.6	15.0						
n-butyl-benzene	0.37	ND	22.63	20.0	ND	20.23	19.79	20.0	ND	113.2	78.0	128.0	ND	101.2	99.0	78.0	128.0	2.2	17.0						
1,2-dichlorobenzene	0.37	ND	21.45	20.0	ND	20.20	19.91	20.0	ND	107.3	70.0	130.0	ND	101.0	99.6	70.0	130.0	1.4	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	18.22	20.0	ND	17.16	16.64	20.0	ND	91.1	69.0	125.0	ND	85.8	83.2	69.0	125.0	3.1	26.0						
1,2,4-trichlorobenzene	0.25	ND	19.99	20.0	ND	18.46	18.38	20.0	ND	100.0	74.0	124.0	ND	92.3	91.9	74.0	124.0	0.4	20.0						
hexachlorobutadiene	0.46	ND	19.90	20.0	ND	17.49	17.53	20.0	ND	99.5	67.0	131.0	ND	87.5	87.7	67.0	131.0	0.2	26.0						
naphthalene	0.48	ND	20.73	20.0	ND	18.62	18.41	20.0	ND	103.7	69.0	126.0	ND	93.1	92.1	69.0	126.0	1.1	24.0						
1,2,3-trichlorobenzene	0.33	ND	22.77	20.0	ND	20.66	20.36	20.0	ND	113.9	60.0	137.0	ND	103.3	101.8	60.0	137.0	1.5	33.0						
Surrogates																									
dibromofluoromethane		22.91	23.21	25.0	22.24	22.72	22.73	25.0	91.6	92.8	86	118	89.0	90.9	90.9										
1,2-dichloroethane-d4		23.29	23.59	25.0	22.31	22.77	22.03	25.0	93.2	94.4	80	120	89.2	91.1	88.1										
toluene-d8		24.42	23.50	25.0	24.62	23.86	23.87	25.0	97.7	94.0	88	110	98.5	95.4	95.5										
p-bromofluorobenzene		25.68	24.26	25.0	25.84	24.13	24.77	25.0	102.7	97.0	86	115	103.4	96.5	99.1										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate

LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit

ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable

DF=Dilution Factor

8260

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79341	**Run Date:** 06/20/2000	**Sample Num:** 06-245-01	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS10	**Sample FLNM:** 10M4296.D	**Sample DF:**	1
Matrix:	WATER	**BLK FLNM:** 10M4289.D	**MS FLNM:** 10M4297.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:** 10M4290.D	**MSD FLNM:** 10M4298.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY										PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	24.46	20.0	ND	20.73	19.36	20.0	ND	122.3	10.0	153.0	ND	103.7	96.8	10.0	153.0	6.8	42.0						
chloromethane	0.56	ND	23.72	20.0	ND	20.97	22.03	20.0	ND	118.6	49.0	129.0	ND	104.9	110.2	49.0	129.0	4.9	30.0						
vinyl chloride	0.48	ND	20.09	20.0	ND	17.51	16.91	20.0	ND	100.5	57.0	135.0	ND	87.6	84.6	57.0	135.0	3.5	30.0						
bromomethane	0.25	ND	19.73	20.0	ND	15.56	14.45	20.0	ND	98.7	58.0	140.0	ND	77.8	72.3	58.0	140.0	7.4	39.0						
chloroethane	0.22	ND	20.10	20.0	ND	18.49	18.56	20.0	ND	100.5	69.0	126.0	ND	92.5	92.8	69.0	126.0	0.4	27.0						
trichlorofluoromethane	0.46	ND	20.59	20.0	ND	17.88	17.10	20.0	ND	103.0	67.0	152.0	ND	89.4	85.5	67.0	152.0	4.5	22.0						
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	17.35	20.0	4.78	25.01	24.54	20.0	ND	86.8	40.0	142.0	4.78	101.2	98.8	40.0	142.0	1.9	40.0						
1,1-dichloroethene	0.27	ND	23.43	20.0	ND	19.18	19.05	20.0	ND	117.2	81.0	130.0	ND	95.9	95.3	81.0	130.0	0.7	18.0						
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	30.81	20.0	ND	25.92	25.51	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.44	20.0	ND	18.93	18.91	20.0	ND	97.2	76.0	125.0	ND	94.7	94.6	76.0	125.0	0.1	19.0						
carbon disulfide	0.15	ND	17.92	20.0	ND	15.11	14.89	20.0	ND	89.6	70.0	138.0	ND	75.6	74.5	70.0	138.0	1.5	20.0						
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	18.36	20.0	ND	18.49	18.57	20.0	ND	91.8	NA	NA	ND	92.5	92.9	NA	NA	0.4	NA						
trans-1,2-dichloroethene	0.21	ND	23.24	20.0	ND	20.36	20.28	20.0	ND	116.2	86.0	135.0	ND	101.8	101.4	86.0	135.0	0.4	16.0						
n-hexane	0.23	ND	22.11	20.0	ND	18.13	16.98	20.0	ND	110.6	63.0	137.0	ND	90.7	84.9	58.1	141.9	6.6	30.0						
vinyl acetate	4.43	ND	4.20	20.0	ND	4.02	4.05	20.0	ND	21.0	10.0	136.0	ND	20.1	20.3	10.0	136.0	0.7	45.0						
1,1-dichloroethane	0.18	ND	20.35	20.0	0.47	19.37	19.18	20.0	ND	101.8	84.0	127.0	0.47	94.5	93.6	84.0	127.0	1.0	15.0						
2-butanone	1.17	ND	18.91	20.0	2.26	22.62	22.81	20.0	ND	94.6	61.0	137.0	2.26	101.8	102.8	61.0	137.0	0.8	30.0						
2,2-dichloropropane	0.23	ND	20.58	20.0	ND	17.41	17.33	20.0	ND	102.9	79.0	130.0	ND	87.1	86.7	79.0	130.0	0.5	17.0						
cis-1,2-dichloroethene	0.14	ND	22.00	20.0	ND	20.71	20.44	20.0	ND	110.0	82.0	121.0	ND	103.6	102.2	82.0	121.0	1.3	15.0						
chloroform	0.19	ND	20.37	20.0	ND	19.53	19.32	20.0	ND	101.9	85.0	121.0	ND	97.7	96.6	85.0	121.0	1.1	15.0						
bromochloromethane	0.19	ND	20.52	20.0	ND	20.15	20.37	20.0	ND	102.6	85.0	121.0	ND	100.8	101.9	85.0	121.0	1.1	15.0						
1,1,1-trichloroethane	0.25	ND	20.57	20.0	ND	17.82	17.65	20.0	ND	102.9	78.0	127.0	ND	89.1	88.3	78.0	127.0	1.0	17.0						
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	25.74	20.0	ND	21.95	21.46	20.0	ND	128.7	91.0	133.0	ND	109.8	107.3	91.0	133.0	2.3	15.0						
carbon tetrachloride	0.30	ND	21.53	20.0	ND	18.20	18.07	20.0	ND	107.7	70.0	130.0	ND	91.0	90.4	70.0	130.0	0.7	20.0						
1,2-dichloroethane	0.33	ND	19.04	20.0	ND	19.94	19.66	20.0	ND	95.2	78.0	128.0	ND	99.7	98.3	78.0	128.0	1.4	17.0						
benzene	0.17	ND	21.02	20.0	ND	19.33	19.27	20.0	ND	105.1	87.0	118.0	ND	96.7	96.4	87.0	118.0	0.3	15.0						
trichloroethene	0.17	ND	22.01	20.0	ND	19.16	19.30	20.0	ND	110.1	83.0	123.0	ND	95.8	96.5	83.0	123.0	0.7	15.0						
1,2-dichloropropane	0.12	ND	20.74	20.0	ND	20.08	19.83	20.0	ND	103.7	81.0	121.0	ND	100.4	99.2	81.0	121.0	1.3	15.0						
bromodichloromethane	0.25	ND	20.44	20.0	ND	20.31	20.00	20.0	ND	102.2	81.0	126.0	ND	101.6	100.0	81.0	126.0	1.5	16.0						
dibromomethane	0.19	ND	19.61	20.0	ND	19.97	20.04	20.0	ND	98.1	83.0	122.0	ND	99.9	100.2	83.0	122.0	0.3	15.0						
2-chloroethylvinyl ether	1.07	ND	17.30	20.0	ND	0.00	0.00	20.0	ND	86.5	45.0	154.0	ND	0.0	0.0	45.0	154.0	#######	46.0				L	L	##
4-methyl-2-pentanone	1.10	ND	19.58	20.0	ND	18.30	18.20	20.0	ND	97.9	66.0	132.0	ND	91.5	91.0	66.0	132.0	0.5	33.0						
cis-1,3-dichloropropene	0.14	ND	21.62	20.0	ND	20.98	20.84	20.0	ND	108.1	82.0	124.0	ND	104.9	104.2	82.0	124.0	0.7	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	22.30	20.0	0.31	20.31	20.81	20.0	ND	111.5	84.0	123.0	0.31	100.0	102.5	84.0	123.0	2.4	15.0						
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	20.14	20.0	ND	19.90	20.30	20.0	ND	100.7	80.0	124.0	ND	99.5	101.5	80.0	124.0	2.0	15.0						
1,1,2-trichloroethane	0.28	ND	19.98	20.0	ND	19.80	20.31	20.0	ND	99.9	78.0	122.0	ND	99.0	101.6	78.0	122.0	2.5	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79341	**Run Date:**	06/20/2000	SMPL Num:	06-245-01	**LCS DF:**	1
Method:	8260B	**Instrument ID:**	HPMS10	SMPL FLNM:	10M4296.D	**SMPL DF:**	1
Matrix:	WATER	**BLK FLNM:**	10M4289.D	MS FLNM:	10M4297.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:**	10M4290.D	MSD FLNM:	10M4298.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	17.50	20.0	ND	18.75	18.75	20.0	ND	87.5	57.0	130.0	ND	93.8	93.8	57.0	130.0	0.0	31.0						
1,3-dichloropropane	0.16	ND	20.26	20.0	ND	20.20	20.65	20.0	ND	101.3	78.0	123.0	ND	101.0	103.3	78.0	123.0	2.2	15.0						
tetrachloroethene	0.20	ND	22.21	20.0	ND	18.78	19.06	20.0	ND	111.1	83.0	124.0	ND	93.9	95.3	83.0	124.0	1.5	15.0						
dibromochloromethane	0.29	ND	19.52	20.0	ND	19.32	19.74	20.0	ND	97.6	78.0	123.0	ND	96.6	98.7	78.0	123.0	2.2	18.0						
1,2-dibromoethane	0.15	ND	20.14	20.0	ND	19.81	20.53	20.0	ND	100.7	79.0	123.0	ND	99.1	102.7	79.0	123.0	3.6	15.0						
1-chlorohexane	0.26	ND	20.81	20.0	ND	17.12	17.23	20.0	ND	104.1	60.0	140.0	ND	85.6	86.2	60.0	140.0	0.6	NA						
chlorobenzene	0.24	ND	19.73	20.0	ND	18.57	18.74	20.0	ND	98.7	70.0	130.0	ND	92.9	93.7	87.0	118.0	0.9	15.0						
1,1,1,2-tetrachloroethane	0.25	ND	18.73	20.0	ND	18.36	18.36	20.0	ND	93.7	82.0	123.0	ND	91.8	91.8	82.0	123.0	0.0	15.0						
ethylbenzene	0.20	ND	21.76	20.0	0.27	19.82	20.16	20.0	ND	108.8	85.0	121.0	0.3	97.8	99.5	85.0	121.0	1.7	15.0						
m+p-xylene	0.33	ND	43.75	40.0	0.36	39.97	40.73	40.0	ND	109.4	86.0	121.0	0.4	99.0	100.9	86.0	121.0	1.9	15.0						
o-xylene	0.16	ND	20.55	20.0	ND	19.23	19.59	20.0	ND	102.8	85.0	121.0	ND	96.2	98.0	85.0	121.0	1.9	15.0						
styrene	0.20	ND	21.60	20.0	ND	20.59	20.77	20.0	ND	108.0	84.0	120.0	ND	103.0	103.9	84.0	120.0	0.9	15.0						
bromoform	0.45	ND	18.05	20.0	ND	18.37	18.76	20.0	ND	90.3	73.0	124.0	ND	91.9	93.8	73.0	124.0	2.1	22.0						
isopropylbenzene	0.20	ND	19.69	20.0	ND	17.46	17.71	20.0	ND	98.5	81.0	124.0	ND	87.3	88.6	81.0	124.0	1.4	15.0						
1,1,2,2-tetrachloroethane	0.39	ND	20.19	20.0	ND	20.74	21.15	20.0	ND	101.0	72.0	132.0	ND	103.7	105.8	72.0	132.0	2.0	23.0						
1,2,3-trichloropropane	0.41	ND	19.94	20.0	ND	20.86	21.14	20.0	ND	99.7	72.0	132.0	ND	104.3	105.7	72.0	132.0	1.3	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	23.88	20.0	ND	20.98	21.41	20.0	ND	119.4	82.0	125.0	ND	104.9	107.1	82.0	125.0	2.0	15.0						
bromobenzene	0.30	ND	20.53	20.0	ND	19.64	19.99	20.0	ND	102.7	84.0	120.0	ND	98.2	100.0	84.0	120.0	1.8	15.0						
1,3,5-trimethylbenzene	0.22	ND	23.45	20.0	ND	21.18	21.68	20.0	ND	117.3	82.0	125.0	ND	105.9	108.4	82.0	125.0	2.3	15.0						
2-chlorotoluene	0.30	ND	22.46	20.0	ND	19.46	19.72	20.0	ND	112.3	80.0	128.0	ND	97.3	98.6	80.0	128.0	1.3	15.0						
4-chlorotoluene	0.26	ND	20.69	20.0	ND	19.17	19.51	20.0	ND	103.5	80.0	127.0	ND	95.9	97.6	80.0	127.0	1.8	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	22.31	20.0	ND	19.59	20.06	20.0	ND	111.6	80.0	121.0	ND	98.0	100.3	80.0	121.0	2.4	15.0						
1,2,4-trimethylbenzene	0.23	ND	21.79	20.0	ND	20.31	20.66	20.0	ND	109.0	84.0	125.0	ND	101.6	103.3	84.0	125.0	1.7	15.0						
sec-butyl-benzene	0.33	ND	22.07	20.0	ND	18.94	19.39	20.0	ND	110.4	80.0	125.0	ND	94.7	97.0	80.0	125.0	2.3	15.0						
p-isopropyl-toluene	0.33	ND	20.79	20.0	ND	18.20	18.59	20.0	ND	104.0	79.0	133.0	ND	91.0	93.0	79.0	133.0	2.1	15.0						
1,3-dichlorobenzene	0.32	ND	20.15	20.0	ND	19.14	19.39	20.0	ND	100.8	70.0	130.0	ND	95.7	97.0	70.0	130.0	1.3	15.0						
1,4-dichlorobenzene	0.38	ND	20.60	20.0	ND	19.77	20.05	20.0	ND	103.0	70.0	130.0	ND	98.9	100.3	70.0	130.0	1.4	15.0						
n-butyl-benzene	0.37	ND	23.63	20.0	ND	20.48	21.00	20.0	ND	118.2	78.0	128.0	ND	102.4	105.0	78.0	128.0	2.5	17.0						
1,2-dichlorobenzene	0.37	ND	21.04	20.0	ND	20.29	20.88	20.0	ND	105.2	70.0	130.0	ND	101.5	104.4	70.0	130.0	2.9	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	15.47	20.0	ND	15.85	17.04	20.0	ND	77.4	69.0	125.0	ND	79.3	85.2	69.0	125.0	7.2	26.0						
1,2,4-trichlorobenzene	0.25	0.38	19.10	20.0	ND	18.33	18.63	20.0	0.38	95.5	74.0	124.0	ND	91.7	93.2	74.0	124.0	1.6	20.0						
hexachlorobutadiene	0.46	0.70	21.22	20.0	ND	17.78	18.04	20.0	0.70	106.1	67.0	131.0	ND	88.9	90.2	67.0	131.0	1.5	26.0						
naphthalene	0.48	ND	17.43	20.0	ND	17.79	18.21	20.0	ND	87.2	69.0	126.0	ND	89.0	91.1	69.0	126.0	2.3	24.0						
1,2,3-trichlorobenzene	0.33	0.83	19.63	20.0	ND	19.25	19.85	20.0	0.83	98.2	60.0	137.0	ND	96.3	99.3	60.0	137.0	3.1	33.0						
Surrogates																									
dibromofluoromethane		23.36	23.99	25.0	23.96	24.01	23.49	25.0	93.4	96.0	86	118	95.8	96.0	94.0										
1,2-dichloroethane-d4		20.98	22.07	25.0	23.05	23.04	22.11	25.0	83.9	88.3	80	120	92.2	92.2	88.4										
toluene-d8		27.26	26.47	25.0	27.56	25.77	26.44	25.0	109.0	105.9	88	110	110.2	103.1	105.8							H			
p-bromofluorobenzene		28.05	27.15	25.0	28.62	26.67	26.67	25.0	112.2	108.6	86	115	114.5	106.7	106.7										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit
ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable
DF=Dilution Factor

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79670	**Run Date:**	6/21/00	**Sample:**	NA	**LCS DF:**	100
Method:	8260B	**Instrument ID:**	HPMS2	**Smple Flnm:**	NA	**SMPL DF:**	NA
Matrix:	SOIL	**BLK FLNM:**	2M36590.D	**Dup Flnm:**	NA	**DUP DF:**	NA
Units:	ug/Kg	**LCS FLNM:**	2M36591.D				

		CONCENTRATION, PPB					PERCENT RECOVERY						PERCENT RPD		OUTLIERS			
	RDL	Blank	LCS	LCS Spike Level	Sample	DUP	BLK	LCS	LCS LCL	LCS UCL	SMPL	DUP	RPD	RPD UCL	Blank	LCS	Sample	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%				
dichlorodifluoromethane	1000.0	ND	1701.1	2000.0	NA	NA	NA	85.1	19.0	175.0	NA	NA	NA	64.0				
chloromethane	1000.0	ND	2206.3	2000.0	NA	NA	NA	110.3	54.0	144.0	NA	NA	NA	38.0				
vinyl chloride	1000.0	ND	2119.4	2000.0	NA	NA	NA	106.0	67.0	141.0	NA	NA	NA	70.0				
bromomethane	1000.0	ND	2229.1	2000.0	NA	NA	NA	111.5	67.0	143.0	NA	NA	NA	41.0				
chloroethane	1000.0	ND	2043.2	2000.0	NA	NA	NA	102.2	71.0	135.0	NA	NA	NA	52.0				
trichlorofluoromethane	1000.0	ND	1810.1	2000.0	NA	NA	NA	90.5	68.0	151.0	NA	NA	NA	38.0				
isoprene	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
acrolein	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
freon 113	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
acetone	10000.0	532.9	3039.3	2000.0	NA	NA	NA	152.0	70.0	161.0	NA	NA	NA	53.0				
1,1-dichloroethene	500.0	ND	2020.0	2000.0	NA	NA	NA	101.0	83.0	133.0	NA	NA	NA	25.0				
dimethyl sulfide	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
iodomethane	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
methylene chloride	500.0	ND	2352.8	2000.0	NA	NA	NA	117.6	70.0	130.0	NA	NA	NA	23.0				
carbon disulfide	500.0	ND	1625.6	2000.0	NA	NA	NA	81.3	65.0	135.0	NA	NA	NA	20.0				
acrylonitrile	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
methyl-tert-butyl ether	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
trans-1,2-dichloroethene	500.0	ND	2006.2	2000.0	NA	NA	NA	100.3	81.0	145.0	NA	NA	NA	25.0				
n-hexane	500.0	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
vinyl acetate	1000.0	ND	493.7	2000.0	NA	NA	NA	24.7	10.0	156.0	NA	NA	NA	61.0				
1,1-dichloroethane	500.0	ND	2111.6	2000.0	NA	NA	NA	105.6	86.0	126.0	NA	NA	NA	24.0				
2-butanone	10000.0	1863.4	4088.1	2000.0	NA	NA	NA	204.4	39.0	159.0	NA	NA	NA	40.0		H		
2,2-dichloropropane	500.0	ND	1914.3	2000.0	NA	NA	NA	95.7	70.0	134.0	NA	NA	NA	20.0				
cis-1,2-dichloroethene	500.0	ND	1966.8	2000.0	NA	NA	NA	98.3	78.0	129.0	NA	NA	NA	18.0				
chloroform	500.0	ND	2058.6	2000.0	NA	NA	NA	102.9	81.0	126.0	NA	NA	NA	16.0				
bromochloromethane	500.0	ND	2017.7	2000.0	NA	NA	NA	100.9	81.0	129.0	NA	NA	NA	22.0				
1,1,1-trichloroethane	500.0	ND	1912.9	2000.0	NA	NA	NA	95.6	77.0	130.0	NA	NA	NA	21.0				
cyclohexane	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
1,1-dichloropropene	500.0	ND	2344.3	2000.0	NA	NA	NA	117.2	92.0	136.0	NA	NA	NA	20.0				
carbon tetrachloride	500.0	ND	1944.3	2000.0	NA	NA	NA	97.2	76.0	132.0	NA	NA	NA	25.0				
1,2-dichloroethane	500.0	ND	2063.6	2000.0	NA	NA	NA	103.2	78.0	128.0	NA	NA	NA	21.0				
benzene	500.0	ND	1991.2	2000.0	NA	NA	NA	99.6	86.0	122.0	NA	NA	NA	18.0				
trichloroethene	500.0	ND	2047.3	2000.0	NA	NA	NA	102.4	84.0	125.0	NA	NA	NA	19.0				
1,2-dichloropropane	500.0	ND	2062.5	2000.0	NA	NA	NA	103.1	83.0	125.0	NA	NA	NA	22.0				
bromodichloromethane	500.0	ND	2130.4	2000.0	NA	NA	NA	106.5	80.0	130.0	NA	NA	NA	16.0				
dibromomethane	500.0	ND	2055.1	2000.0	NA	NA	NA	102.8	80.0	127.0	NA	NA	NA	20.0				
2-chloroethylvinyl ether	1000.0	ND	2199.6	2000.0	NA	NA	NA	110.0	50.0	154.0	NA	NA	NA	32.0				
4-methyl-2-pentanone	1000.0	ND	2184.8	2000.0	NA	NA	NA	109.2	48.0	158.0	NA	NA	NA	34.0				
cis-1,3-dichloropropene	500.0	ND	2320.8	2000.0	NA	NA	NA	116.0	85.0	127.0	NA	NA	NA	20.0				
dimethyl disulfide	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
toluene	500.0	ND	1931.5	2000.0	NA	NA	NA	96.6	85.0	123.0	NA	NA	NA	18.0				
ethyl methacrylate	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
trans-1,3-dichloropropene	500.0	ND	1933.3	2000.0	NA	NA	NA	96.7	82.0	124.0	NA	NA	NA	23.0				
1,1,2-trichloroethane	500.0	ND	1976.3	2000.0	NA	NA	NA	98.8	82.0	126.0	NA	NA	NA	21.0				

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79670	**Run Date:**	6/21/00	**Sample:**	NA
Method:	8260B	**Instrument ID:**	HPMS2	**Smple Fnm:**	NA
Matrix:	SOIL	**BLK FLNM:**	2M36590.D	**Dup Fnm:**	NA
Units:	ug/Kg	**LCS FLNM:**	2M36591.D		

		CONCENTRATION, PPM					PERCENT RECOVERY						PERCENT RPD		OUTLIERS			
	RDL	BLK	LCS	LCS Spike Level	SMPL	DUP	BLK	LCS	LCS LCL	LCS UCL	SMPL	DUP	RPD	RPD UCL	Blank	LCS	Sample	RPD
Target Analytes	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg	%	%	%	%	%	%	%	%				
2-hexanone	1000.0	ND	1887.3	2000.0	NA	NA	NA	94.4	38.0	130.0	NA	NA	NA	32.0				
1,3-dichloropropane	500.0	ND	1909.3	2000.0	NA	NA	NA	95.5	84.0	104.0	NA	NA	NA	23.0				
tetrachloroethene	500.0	ND	1862.2	2000.0	NA	NA	NA	93.1	83.0	126.0	NA	NA	NA	22.0				
dibromochloromethane	500.0	ND	1998.4	2000.0	NA	NA	NA	99.9	82.0	126.0	NA	NA	NA	22.0				
1,2-dibromoethane	500.0	ND	1898.7	2000.0	NA	NA	NA	94.9	81.0	128.0	NA	NA	NA	20.0				
1-chlorohexane	NTC	ND	NS	NS	NA	NA	NA	NA	60.0	140.0	NA	NA	NA	NA				
chlorobenzene	500.0	ND	2020.8	2000.0	NA	NA	NA	101.0	86.0	125.0	NA	NA	NA	16.0				
1,1,1,2-tetrachloroethane	500.0	ND	2019.0	2000.0	NA	NA	NA	101.0	83.0	127.0	NA	NA	NA	19.0				
ethylbenzene	500.0	ND	2054.7	2000.0	NA	NA	NA	102.7	86.0	125.0	NA	NA	NA	16.0				
m+p-xylene	500.0	ND	4144.5	4000.0	NA	NA	NA	103.6	86.0	123.0	NA	NA	NA	29.0				
o-xylene	500.0	ND	2066.6	2000.0	NA	NA	NA	103.3	87.0	124.0	NA	NA	NA	16.0				
styrene	500.0	ND	2082.8	2000.0	NA	NA	NA	104.1	83.0	124.0	NA	NA	NA	16.0				
bromoform	500.0	ND	1929.8	2000.0	NA	NA	NA	96.5	64.0	132.0	NA	NA	NA	17.0				
isopropylbenzene	500.0	ND	2001.2	2000.0	NA	NA	NA	100.1	85.0	124.0	NA	NA	NA	16.0				
1,1,2,2-tetrachloroethane	500.0	ND	2006.0	2000.0	NA	NA	NA	100.3	72.0	140.0	NA	NA	NA	32.0				
1,2,3-trichloropropane	500.0	ND	2045.8	2000.0	NA	NA	NA	102.3	70.0	144.0	NA	NA	NA	24.0				
trans-1,4-dichloro-2-butene	NTC	ND	NS	NS	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
propyl-benzene	500.0	ND	2098.0	2000.0	NA	NA	NA	104.9	84.0	126.0	NA	NA	NA	17.0				
bromobenzene	500.0	ND	1938.6	2000.0	NA	NA	NA	96.9	85.0	121.0	NA	NA	NA	18.0				
1,3,5-trimethylbenzene	500.0	ND	2068.5	2000.0	NA	NA	NA	103.4	86.0	124.0	NA	NA	NA	17.0				
2-chlorotoluene	500.0	ND	1999.9	2000.0	NA	NA	NA	100.0	81.0	127.0	NA	NA	NA	23.0				
4-chlorotoluene	500.0	ND	2117.4	2000.0	NA	NA	NA	105.9	84.0	125.0	NA	NA	NA	17.0				
alpha-methyl-styrene	NTC	ND	NS	2000.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
tert-butyl-benzene	500.0	ND	2017.0	2000.0	NA	NA	NA	100.9	83.0	125.0	NA	NA	NA	17.0				
1,2,4-trimethylbenzene	500.0	ND	2118.7	2000.0	NA	NA	NA	105.9	87.0	124.0	NA	NA	NA	16.0				
sec-butyl-benzene	500.0	ND	2017.5	2000.0	NA	NA	NA	100.9	83.0	126.0	NA	NA	NA	17.0				
p-isopropyl-toluene	500.0	ND	2079.2	2000.0	NA	NA	NA	104.0	83.0	122.0	NA	NA	NA	16.0				
1,3-dichlorobenzene	500.0	ND	2054.7	2000.0	NA	NA	NA	102.7	85.0	121.0	NA	NA	NA	16.0				
1,4-dichlorobenzene	500.0	ND	2030.7	2000.0	NA	NA	NA	101.5	84.0	119.0	NA	NA	NA	16.0				
n-butyl-benzene	500.0	ND	2140.3	2000.0	NA	NA	NA	107.0	81.0	128.0	NA	NA	NA	17.0				
1,2-dichlorobenzene	500.0	ND	2058.3	2000.0	NA	NA	NA	102.9	86.0	123.0	NA	NA	NA	16.0				
1,2-dibromo-3-chloropropan	500.0	ND	2003.6	2000.0	NA	NA	NA	100.2	51.0	151.0	NA	NA	NA	27.0				
1,2,4-trichlorobenzene	500.0	ND	2041.6	2000.0	NA	NA	NA	102.1	74.0	126.0	NA	NA	NA	21.0				
hexachlorobutadiene	500.0	107.2	1929.8	2000.0	NA	NA	NA	96.5	73.0	131.0	NA	NA	NA	27.0				
napthalene	1000.0	64.37	2203.9	2000.0	NA	NA	NA	110.2	61.0	142.0	NA	NA	NA	26.0				
1,2,3-trichlorobenzene	500.0	88.3	1978.5	2000.0	NA	NA	NA	98.9	72.0	130.0	NA	NA	NA	23.0				
Surrogates																		
dibromofluoromethane		27.4	27.1	25.0	NA	NA	109.5	108.3	65	135	NA	NA						
1,2-dichloroethane-d4		26.4	27.4	25.0	NA	NA	105.7	109.6	65	135	NA	NA						
toluene-d8		26.7	25.9	25.0	NA	NA	106.8	103.72	65	135	NA	NA						
p-bromofluorobenzene		27.9	27.0	25.0	NA	NA	111.5	108	52	149	NA	NA						

LCS DF:	100		
SMPL DF:	NA		
MS DF:	NA		

Notes and Definitions:
MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
SMPL= Sample Results
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
RPD= Relative Percent Difference
H=Above control limit
L=Below control limit
NS=Not spiked
ND= Non Detected

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79355	**Run Date:** 06/21/2000	**Sample Num:** 06-253-01	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS10	**Sample FLNM:** 10M4321.D	**Sample DF:**	1
Matrix:	WATER	**BLK FLNM:** 10M4311.D	**MS FLNM:** 10M4322.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:** 10M4312.D	**MSD FLNM:** 10M4323.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	24.98	20.0	ND	24.18	22.76	20.0	ND	124.9	10.0	153.0	ND	120.9	113.8	10.0	153.0	6.1	42.0						
chloromethane	0.56	ND	25.99	20.0	ND	24.19	24.18	20.0	ND	130.0	49.0	129.0	ND	121.0	120.9	49.0	129.0	0.0	30.0		H				
vinyl chloride	0.48	ND	22.28	20.0	ND	21.91	19.34	20.0	ND	111.4	57.0	135.0	ND	109.6	96.7	57.0	135.0	12.5	30.0						
bromomethane	0.25	ND	21.20	20.0	ND	19.56	18.91	20.0	ND	106.0	58.0	140.0	ND	97.8	94.6	58.0	140.0	3.4	39.0						
chloroethane	0.22	ND	22.24	20.0	ND	21.17	20.33	20.0	ND	111.2	69.0	126.0	ND	105.9	101.7	69.0	126.0	4.0	27.0						
trichlorofluoromethane	0.46	ND	21.54	20.0	ND	21.39	19.80	20.0	ND	107.7	67.0	152.0	ND	107.0	99.0	67.0	152.0	7.7	22.0						
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	18.01	20.0	2.48	19.70	64.64	20.0	ND	90.1	40.0	142.0	2.48	86.1	310.8	40.0	142.0	106.6	40.0					H	H
1,1-dichloroethene	0.27	ND	21.99	20.0	ND	19.73	19.12	20.0	ND	110.0	81.0	130.0	ND	98.7	95.6	81.0	130.0	3.1	18.0						
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	23.99	20.0	ND	20.74	22.48	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.83	20.0	ND	18.92	18.74	20.0	ND	99.2	76.0	125.0	ND	94.6	93.7	76.0	125.0	1.0	19.0						
carbon disulfide	0.15	ND	16.80	20.0	ND	15.70	14.59	20.0	ND	84.0	70.0	138.0	ND	78.5	73.0	70.0	138.0	7.3	20.0						
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	18.90	20.0	ND	17.67	17.64	20.0	ND	94.5	NA	NA	ND	88.4	88.2	NA	NA	0.2	NA						
trans-1,2-dichloroethene	0.21	ND	22.63	20.0	ND	20.86	19.88	20.0	ND	113.2	86.0	135.0	ND	104.3	99.4	86.0	135.0	4.8	16.0						
n-hexane	0.23	ND	20.01	20.0	ND	20.12	18.28	20.0	ND	100.1	63.0	137.0	ND	100.6	91.4	58.1	141.9	9.6	30.0						
vinyl acetate	4.43	ND	3.85	20.0	ND	3.19	3.28	20.0	ND	19.3	10.0	136.0	ND	16.0	16.4	10.0	136.0	2.8	45.0						
1,1-dichloroethane	0.18	ND	20.83	20.0	ND	19.91	18.83	20.0	ND	104.2	84.0	127.0	ND	99.6	94.2	84.0	127.0	5.6	15.0						
2-butanone	1.17	ND	19.05	20.0	ND	19.31	33.28	20.0	ND	95.3	61.0	137.0	ND	96.6	166.4	61.0	137.0	53.1	30.0					H	H
2,2-dichloropropane	0.23	ND	20.59	20.0	ND	19.16	17.65	20.0	ND	103.0	79.0	130.0	ND	95.8	88.3	79.0	130.0	8.2	17.0						
cis-1,2-dichloroethene	0.14	ND	22.09	20.0	ND	21.20	20.18	20.0	ND	110.5	82.0	121.0	ND	106.0	100.9	82.0	121.0	4.9	15.0						
chloroform	0.19	ND	21.37	20.0	ND	20.75	19.64	20.0	ND	106.9	85.0	121.0	ND	103.8	98.2	85.0	121.0	5.5	15.0						
bromochloromethane	0.19	ND	20.71	20.0	ND	19.98	19.47	20.0	ND	103.6	85.0	121.0	ND	99.9	97.4	85.0	121.0	2.6	15.0						
1,1,1-trichloroethane	0.25	ND	20.59	20.0	ND	19.55	18.07	20.0	ND	103.0	78.0	127.0	ND	97.8	90.4	78.0	127.0	7.9	17.0						
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	25.16	20.0	ND	23.65	21.67	20.0	ND	125.8	91.0	133.0	ND	118.3	108.4	91.0	133.0	8.7	15.0						
carbon tetrachloride	0.30	ND	21.87	20.0	ND	20.99	18.99	20.0	ND	109.4	70.0	130.0	ND	105.0	95.0	70.0	130.0	10.0	20.0						
1,2-dichloroethane	0.33	ND	21.39	20.0	ND	21.48	20.37	20.0	ND	107.0	78.0	128.0	ND	107.4	101.9	78.0	128.0	5.3	17.0						
benzene	0.17	ND	21.08	20.0	ND	20.24	19.13	20.0	ND	105.4	87.0	118.0	ND	101.2	95.7	87.0	118.0	5.6	15.0						
trichloroethene	0.17	ND	21.50	20.0	ND	20.17	19.16	20.0	ND	107.5	83.0	123.0	ND	100.9	95.8	83.0	123.0	5.1	15.0						
1,2-dichloropropane	0.12	ND	21.50	20.0	ND	20.51	20.03	20.0	ND	107.5	81.0	121.0	ND	102.6	100.2	81.0	121.0	2.4	15.0						
bromodichloromethane	0.25	ND	21.79	20.0	ND	21.58	21.35	20.0	ND	109.0	81.0	126.0	ND	107.9	106.8	81.0	126.0	1.1	16.0						
dibromomethane	0.19	ND	20.80	20.0	ND	20.66	20.66	20.0	ND	104.0	83.0	122.0	ND	103.3	103.3	83.0	122.0	0.0	15.0						
2-chloroethylvinyl ether	1.07	ND	17.81	20.0	ND	ND	ND	20.0	ND	89.1	45.0	154.0	ND	NA	NA	45.0	154.0	NA	46.0						
4-methyl-2-pentanone	1.10	ND	20.15	20.0	ND	20.49	20.52	20.0	ND	100.8	66.0	132.0	ND	102.5	102.6	66.0	132.0	0.1	33.0						
cis-1,3-dichloropropene	0.14	ND	22.59	20.0	ND	22.04	21.59	20.0	ND	113.0	82.0	124.0	ND	110.2	108.0	82.0	124.0	2.1	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	22.25	20.0	ND	21.06	18.98	20.0	ND	111.3	84.0	123.0	ND	105.3	94.9	84.0	123.0	10.4	15.0						
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	21.31	20.0	ND	20.98	19.34	20.0	ND	106.6	80.0	124.0	ND	104.9	96.7	80.0	124.0	8.1	15.0						
1,1,2-trichloroethane	0.28	ND	20.68	20.0	ND	20.72	19.07	20.0	ND	103.4	78.0	122.0	ND	103.6	95.4	78.0	122.0	8.3	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79355	**Run Date:** 06/21/2000	SMPL Num: 06-253-01	LCS DF:	1
Method:	8260B	**Instrument ID:** HPMS10	SMPL FLNM: 10M4321.D	SMPL DF:	1
Matrix:	WATER	**BLK FLNM:** 10M4311.D	MS FLNM: 10M4322.D	MS DF:	1
Units:	ug/L	**LCS FLNM:** 10M4312.D	MSD FLNM: 10M4323.D	MSD DF:	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	18.47	20.0	ND	18.93	18.92	20.0	ND	92.4	57.0	130.0	ND	94.7	94.6	57.0	130.0	0.1	31.0						
1,3-dichloropropane	0.16	ND	21.25	20.0	ND	20.97	19.39	20.0	ND	106.3	78.0	123.0	ND	104.9	97.0	78.0	123.0	7.8	15.0						
tetrachloroethene	0.20	ND	21.19	20.0	ND	19.92	17.73	20.0	ND	106.0	83.0	124.0	ND	99.6	88.7	83.0	124.0	11.6	15.0						
dibromochloromethane	0.29	ND	20.59	20.0	ND	19.96	18.70	20.0	ND	103.0	78.0	123.0	ND	99.8	93.5	78.0	123.0	6.5	18.0						
1,2-dibromoethane	0.15	ND	20.63	20.0	ND	20.48	19.33	20.0	ND	103.2	79.0	123.0	ND	102.4	96.7	79.0	123.0	5.8	15.0						
1-chlorohexane	0.26	ND	19.26	20.0	ND	18.44	16.26	20.0	ND	96.3	60.0	140.0	ND	92.2	81.3	60.0	140.0	12.6	NA						
chlorobenzene	0.24	ND	20.35	20.0	ND	19.54	17.69	20.0	ND	101.8	70.0	130.0	ND	97.7	88.5	87.0	118.0	9.9	15.0						
1,1,1,2-tetrachloroethane	0.25	ND	19.95	20.0	ND	19.52	17.54	20.0	ND	99.8	82.0	123.0	ND	97.6	87.7	82.0	123.0	10.7	15.0						
ethylbenzene	0.20	ND	21.81	20.0	ND	21.00	19.56	20.0	ND	109.1	85.0	121.0	ND	105.0	97.8	85.0	121.0	7.1	15.0						
m+p-xylene	0.33	ND	44.38	40.0	ND	42.52	38.67	40.0	ND	111.0	86.0	121.0	ND	106.3	96.7	86.0	121.0	9.5	15.0						
o-xylene	0.16	ND	20.93	20.0	ND	20.32	18.45	20.0	ND	104.7	85.0	121.0	ND	101.6	92.3	85.0	121.0	9.6	15.0						
styrene	0.20	ND	22.31	20.0	ND	21.73	19.66	20.0	ND	111.6	84.0	120.0	ND	108.7	98.3	84.0	120.0	10.0	15.0						
bromoform	0.45	ND	19.52	20.0	ND	19.61	18.05	20.0	ND	97.6	73.0	124.0	ND	98.1	90.3	73.0	124.0	8.3	22.0						
isopropylbenzene	0.20	ND	19.69	20.0	ND	18.89	16.77	20.0	ND	98.5	81.0	124.0	ND	94.5	83.9	81.0	124.0	11.9	15.0						
1,1,2,2-tetrachloroethane	0.39	ND	21.06	20.0	ND	21.11	18.90	20.0	ND	105.3	72.0	132.0	ND	105.6	94.5	72.0	132.0	11.0	23.0						
1,2,3-trichloropropane	0.41	ND	21.29	20.0	ND	21.17	18.46	20.0	ND	106.5	72.0	132.0	ND	105.9	92.3	72.0	132.0	13.7	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	23.26	20.0	ND	21.82	18.77	20.0	ND	116.3	82.0	125.0	ND	109.1	93.9	82.0	125.0	15.0	15.0						H
bromobenzene	0.30	ND	20.80	20.0	ND	19.62	17.67	20.0	ND	104.0	84.0	120.0	ND	98.1	88.4	84.0	120.0	10.5	15.0						
1,3,5-trimethylbenzene	0.22	ND	23.27	20.0	ND	22.02	19.14	20.0	ND	116.4	82.0	125.0	ND	110.1	95.7	82.0	125.0	14.0	15.0						
2-chlorotoluene	0.30	ND	21.14	20.0	ND	20.22	17.59	20.0	ND	105.7	80.0	128.0	ND	101.1	88.0	80.0	128.0	13.9	15.0						
4-chlorotoluene	0.26	ND	22.30	20.0	ND	21.16	18.42	20.0	ND	111.5	80.0	127.0	ND	105.8	92.1	80.0	127.0	13.8	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	21.78	20.0	ND	20.40	17.78	20.0	ND	108.9	80.0	121.0	ND	102.0	88.9	80.0	121.0	13.7	15.0						
1,2,4-trimethylbenzene	0.23	ND	21.88	20.0	ND	20.93	18.25	20.0	ND	109.4	84.0	125.0	ND	104.7	91.3	84.0	125.0	13.7	15.0						
sec-butyl-benzene	0.33	ND	21.28	20.0	ND	19.94	17.02	20.0	ND	106.4	80.0	125.0	ND	99.7	85.1	80.0	125.0	15.8	15.0						H
p-isopropyl-toluene	0.33	ND	20.28	20.0	ND	19.01	16.43	20.0	ND	101.4	79.0	133.0	ND	95.1	82.2	79.0	133.0	14.6	15.0						
1,3-dichlorobenzene	0.32	ND	20.37	20.0	ND	19.53	17.36	20.0	ND	101.9	70.0	130.0	ND	97.7	86.8	70.0	130.0	11.8	15.0						
1,4-dichlorobenzene	0.38	ND	21.00	20.0	ND	20.23	17.78	20.0	ND	105.0	70.0	130.0	ND	101.2	88.9	70.0	130.0	12.9	15.0						
n-butyl-benzene	0.37	ND	23.15	20.0	ND	21.80	18.54	20.0	ND	115.8	78.0	128.0	ND	109.0	92.7	78.0	128.0	16.2	17.0						
1,2-dichlorobenzene	0.37	ND	21.49	20.0	ND	20.88	18.60	20.0	ND	107.5	70.0	130.0	ND	104.4	93.0	70.0	130.0	11.6	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	16.00	20.0	ND	15.95	14.80	20.0	ND	80.0	69.0	125.0	ND	79.8	74.0	69.0	125.0	7.5	26.0						
1,2,4-trichlorobenzene	0.25	0.32	19.32	20.0	ND	18.53	16.62	20.0	0.32	96.6	74.0	124.0	ND	92.7	83.1	74.0	124.0	10.9	20.0						
hexachlorobutadiene	0.46	0.66	19.85	20.0	ND	18.54	15.87	20.0	0.66	99.3	67.0	131.0	ND	92.7	79.4	67.0	131.0	15.5	26.0						
naphthalene	0.48	ND	18.25	20.0	ND	18.39	17.79	20.0	ND	91.3	69.0	126.0	ND	92.0	89.0	69.0	126.0	3.3	24.0						
1,2,3-trichlorobenzene	0.33	0.70	20.50	20.0	ND	20.10	17.87	20.0	0.70	102.5	60.0	137.0	ND	100.5	89.4	60.0	137.0	11.7	33.0						
Surrogates																									
dibromofluoromethane		24.63	24.92	25.0	25.04	24.90	25.68	25.0	98.5	99.7	86	118	100.2	99.6	102.7										
1,2-dichloroethane-d4		23.59	24.19	25.0	26.61	25.11	26.14	25.0	94.4	96.8	80	120	106.4	100.4	104.6										
toluene-d8		27.33	26.47	25.0	27.60	26.24	25.70	25.0	109.3	105.9	88	110	110.4	105.0	102.8							H			
p-bromofluorobenzene		29.06	27.21	25.0	30.19	26.99	27.01	25.0	116.2	108.8	86	115	120.8	108.0	108.0					H		H			

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit
ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable
DF=Dilution Factor

Kemron Environmental Services -OVL

Volatile Quality Control Summary

Workgroup #:	WG79903	**Run Date:**	6/29/00	**Sample Num:**	06-425-09	**LCS DF:**	1
Method:	8260B	**Instrument ID:**	HPMS9	**Sample FLNM:**	9M10349.D	**Sample DF:**	1
Matrix:	WATER	**BLK FLNM:**	9M10346.D	**MS FLNM:**	9M10352.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:**	9M10347.D	**MSD FLNM:**	9M10353.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MS UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
dichlorodifluoromethane	0.25	ND	19.03	20.0	ND	15.06	14.74	20.0	ND	95.2	10.0	153.0	ND	75.3	73.7	10.0	153.0	2.1	42.0						
chloromethane	0.56	ND	20.36	20.0	ND	18.12	17.29	20.0	ND	101.8	49.0	129.0	ND	90.6	86.5	49.0	129.0	4.7	30.0						
vinyl chloride	0.48	ND	15.90	20.0	ND	13.15	12.81	20.0	ND	79.5	57.0	135.0	ND	65.8	64.1	57.0	135.0	2.6	30.0						
bromomethane	0.25	ND	21.50	20.0	ND	18.15	19.41	20.0	ND	107.5	58.0	140.0	ND	90.8	97.1	58.0	140.0	6.7	39.0						
chloroethane	0.22	ND	16.49	20.0	ND	14.34	14.11	20.0	ND	82.5	69.0	126.0	ND	71.7	70.6	69.0	126.0	1.6	27.0						
trichlorofluoromethane	0.46	ND	18.32	20.0	ND	15.12	14.80	20.0	ND	91.6	67.0	152.0	ND	75.6	74.0	67.0	152.0	2.1	22.0						
isoprene	0.19	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acrolein	16.40	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1,2-trichloro-1,2,2-trifluoroethane	0.20	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
acetone	1.84	ND	22.38	20.0	ND	23.54	22.76	20.0	ND	111.9	40.0	142.0	ND	117.7	113.8	40.0	142.0	3.4	40.0						
1,1-dichloroethene	0.27	ND	20.98	20.0	ND	16.51	16.08	20.0	ND	104.9	81.0	130.0	ND	82.6	80.4	81.0	130.0	2.6	18.0					L	
dimethyl sulfide	0.56	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
iodomethane	0.14	ND	22.69	20.0	ND	15.25	18.26	20.0	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methylene chloride	0.60	ND	19.73	20.0	ND	17.21	18.02	20.0	ND	98.7	76.0	125.0	ND	86.1	90.1	76.0	125.0	4.6	19.0						
carbon disulfide	0.15	ND	17.60	20.0	ND	13.94	13.36	20.0	ND	88.0	70.0	138.0	ND	69.7	66.8	70.0	138.0	4.2	20.0				L	L	
acrylonitrile	0.69	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
methyl-tert-butyl ether	0.46	ND	20.00	20.0	ND	19.53	19.33	20.0	ND	100.0	NA	NA	ND	97.7	96.7	NA	NA	1.0	NA						
trans-1,2-dichloroethene	0.21	ND	21.29	20.0	1.42	18.94	18.76	20.0	ND	106.5	86.0	135.0	1.42	87.6	86.7	86.0	135.0	1.0	16.0						
n-hexane	0.23	ND	20.19	20.0	ND	16.79	16.24	20.0	ND	101.0	63.0	137.0	ND	84.0	81.2	58.1	141.9	3.3	30.0						
vinyl acetate	4.43	ND	10.20	20.0	ND	8.79	8.81	20.0	ND	51.0	10.0	136.0	ND	44.0	44.1	10.0	136.0	0.2	45.0						
1,1-dichloroethane	0.18	ND	20.06	20.0	ND	17.17	17.02	20.0	ND	100.3	84.0	127.0	ND	85.9	85.1	84.0	127.0	0.9	15.0						
2-butanone	1.17	ND	20.32	20.0	ND	21.34	20.01	20.0	ND	101.6	61.0	137.0	ND	106.7	100.1	61.0	137.0	6.4	30.0						
2,2-dichloropropane	0.23	ND	21.18	20.0	ND	18.30	17.75	20.0	ND	105.9	79.0	130.0	ND	91.5	88.8	79.0	130.0	3.1	17.0						
cis-1,2-dichloroethene	0.14	ND	20.05	20.0	4.32	20.90	21.03	20.0	ND	100.3	82.0	121.0	4.32	82.9	83.6	82.0	121.0	0.6	15.0						
chloroform	0.19	ND	20.15	20.0	ND	17.80	17.80	20.0	ND	100.8	85.0	121.0	ND	89.0	89.0	85.0	121.0	0.0	15.0						
bromochloromethane	0.19	ND	21.45	20.0	ND	19.16	19.34	20.0	ND	107.3	85.0	121.0	ND	95.8	96.7	85.0	121.0	0.9	15.0						
1,1,1-trichloroethane	0.25	ND	20.22	20.0	ND	17.01	16.33	20.0	ND	101.1	78.0	127.0	ND	85.1	81.7	78.0	127.0	4.1	17.0						
cyclohexane	0.16	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
1,1-dichloropropene	0.21	ND	23.94	20.0	ND	19.41	18.65	20.0	ND	119.7	91.0	133.0	ND	97.1	93.3	91.0	133.0	4.0	15.0						
carbon tetrachloride	0.30	ND	20.65	20.0	ND	17.35	16.69	20.0	ND	103.3	70.0	130.0	ND	86.8	83.5	70.0	130.0	3.9	20.0						
1,2-dichloroethane	0.33	ND	19.41	20.0	ND	18.76	18.59	20.0	ND	97.1	78.0	128.0	ND	93.8	93.0	78.0	128.0	0.9	17.0						
benzene	0.17	ND	20.62	20.0	ND	17.51	17.34	20.0	ND	103.1	87.0	118.0	ND	87.6	86.7	87.0	118.0	1.0	15.0					L	
trichloroethene	0.17	ND	20.77	20.0	ND	17.39	17.12	20.0	ND	103.9	83.0	123.0	ND	87.0	85.6	83.0	123.0	1.6	15.0						
1,2-dichloropropane	0.12	ND	20.47	20.0	ND	17.88	17.87	20.0	ND	102.4	81.0	121.0	ND	89.4	89.4	81.0	121.0	0.1	15.0						
bromodichloromethane	0.25	ND	20.51	20.0	ND	19.08	19.28	20.0	ND	102.6	81.0	126.0	ND	95.4	96.4	81.0	126.0	1.0	16.0						
dibromomethane	0.19	ND	20.03	20.0	ND	19.16	18.65	20.0	ND	100.2	83.0	122.0	ND	95.8	93.3	83.0	122.0	2.7	15.0						
2-chloroethylvinyl ether	1.07	ND	16.27	20.0	ND	14.73	14.12	20.0	ND	81.4	45.0	154.0	ND	73.7	70.6	45.0	154.0	4.2	46.0						
4-methyl-2-pentanone	1.10	ND	22.59	20.0	ND	22.43	22.01	20.0	ND	113.0	66.0	132.0	ND	112.2	110.1	66.0	132.0	1.9	33.0						
cis-1,3-dichloropropene	0.14	ND	20.77	20.0	ND	18.84	18.95	20.0	ND	103.9	82.0	124.0	ND	94.2	94.8	82.0	124.0	0.6	15.0						
dimethyl disulfide	0.13	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
toluene	0.16	ND	21.88	20.0	0.42	18.45	18.61	20.0	ND	109.4	84.0	123.0	0.42	90.2	91.0	84.0	123.0	0.9	15.0						
ethyl methacrylate	0.26	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
trans-1,3-dichloropropene	0.16	ND	21.49	20.0	ND	20.07	20.32	20.0	ND	107.5	80.0	124.0	ND	100.4	101.6	80.0	124.0	1.2	15.0						
1,1,2-trichloroethane	0.28	ND	21.71	20.0	ND	20.23	20.54	20.0	ND	108.6	78.0	122.0	ND	101.2	102.7	78.0	122.0	1.5	15.0						

Kemron Environmental Services -OVL
Volatile Quality Control Summary

Workgroup #:	WG79903	**Run Date:** 6/29/00	SMPL Num: 06-425-09	**LCS DF:**	1
Method:	8260B	**Instrument ID:** HPMS9	SMPL FLNM: 9M10349.D	**SMPL DF:**	1
Matrix:	WATER	**BLK FLNM:** 9M10346.D	MS FLNM: 9M10352.D	**MS DF:**	1
Units:	ug/L	**LCS FLNM:** 9M10347.D	MSD FLNM: 9M10353.D	**MSD DF:**	1

		CONCENTRATION, PPB							PERCENT RECOVERY									PERCENT RPD		OUTLIERS					
	MDL	Blank	LCS	LCS Spike Level	Sample	MS	MSD	MS Spike Level	Blank	LCS	LCS LCL	LCS UCL	Sample	MS	MSD	MS LCL	MSD UCL	MS RPD	RPD UCL	Blank	LCS	Sample	MS	MSD	RPD
Target Analytes	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	%	%	%	%	%	%	%	%	%	%	%						
2-hexanone	1.19	ND	22.04	20.0	ND	21.88	21.85	20.0	ND	110.2	57.0	130.0	ND	109.4	109.3	57.0	130.0	0.1	31.0						
1,3-dichloropropane	0.16	ND	21.63	20.0	ND	20.32	20.15	20.0	ND	108.2	78.0	123.0	ND	101.6	100.8	78.0	123.0	0.8	15.0						
tetrachloroethene	0.20	ND	21.69	20.0	ND	17.70	17.79	20.0	ND	108.5	83.0	124.0	ND	88.5	89.0	83.0	124.0	0.5	15.0						
dibromochloromethane	0.29	ND	21.19	20.0	ND	19.70	19.99	20.0	ND	106.0	78.0	123.0	ND	98.5	100.0	78.0	123.0	1.5	18.0						
1,2-dibromoethane	0.15	ND	21.53	20.0	ND	20.41	20.51	20.0	ND	107.7	79.0	123.0	ND	102.1	102.6	79.0	123.0	0.5	15.0						
1-chlorohexane	0.26	ND	20.19	20.0	ND	16.94	16.50	20.0	ND	101.0	60.0	140.0	ND	84.7	82.5	60.0	140.0	2.6	NA						
chlorobenzene	0.24	ND	20.87	20.0	ND	18.34	18.49	20.0	ND	104.4	70.0	130.0	ND	91.7	92.5	87.0	118.0	0.8	15.0						
1,1,1,2-tetrachloroethane	0.25	ND	21.02	20.0	ND	18.86	18.99	20.0	ND	105.1	82.0	123.0	ND	94.3	95.0	82.0	123.0	0.7	15.0						
ethylbenzene	0.20	ND	21.07	20.0	1.52	18.19	18.19	20.0	ND	105.4	85.0	121.0	1.5	83.4	83.4	85.0	121.0	0.0	15.0				L	L	
m+p-xylene	0.33	ND	42.73	40.0	4.92	37.54	37.30	40.0	ND	106.8	86.0	121.0	4.9	81.6	81.0	86.0	121.0	0.6	15.0				L	L	
o-xylene	0.16	ND	21.13	20.0	0.77	18.50	18.37	20.0	ND	105.7	85.0	121.0	0.8	88.7	88.0	85.0	121.0	0.7	15.0						
styrene	0.20	ND	20.84	20.0	ND	18.53	18.65	20.0	ND	104.2	84.0	120.0	ND	92.7	93.3	84.0	120.0	0.6	15.0						
bromoform	0.45	ND	16.03	20.0	ND	15.14	15.41	20.0	ND	80.2	73.0	124.0	ND	75.7	77.1	73.0	124.0	1.8	22.0						
isopropylbenzene	0.20	ND	17.62	20.0	ND	14.87	14.81	20.0	ND	88.1	81.0	124.0	ND	74.4	74.1	81.0	124.0	0.4	15.0				L	L	
1,1,2,2-tetrachloroethane	0.39	ND	22.08	20.0	ND	21.02	21.05	20.0	ND	110.4	72.0	132.0	ND	105.1	105.3	72.0	132.0	0.1	23.0						
1,2,3-trichloropropane	0.41	ND	21.83	20.0	ND	21.21	21.17	20.0	ND	109.2	72.0	132.0	ND	106.1	105.9	72.0	132.0	0.2	21.0						
trans-1,4-dichloro-2-butene	0.24	ND	NS	NS	ND	NS	NS	NS	ND	NS	60.0	140.0	ND	NS	NS	60.0	140.0	NA	20.0						
propyl-benzene	0.26	ND	23.00	20.0	ND	18.86	19.01	20.0	ND	115.0	82.0	125.0	ND	94.3	95.1	82.0	125.0	0.8	15.0						
bromobenzene	0.30	ND	21.79	20.0	ND	19.12	19.42	20.0	ND	109.0	84.0	120.0	ND	95.6	97.1	84.0	120.0	1.6	15.0						
1,3,5-trimethylbenzene	0.22	ND	22.14	20.0	ND	18.63	18.80	20.0	ND	110.7	82.0	125.0	ND	93.2	94.0	82.0	125.0	0.9	15.0						
2-chlorotoluene	0.30	ND	22.98	20.0	ND	19.77	19.06	20.0	ND	114.9	80.0	128.0	ND	98.9	95.3	80.0	128.0	3.7	15.0						
4-chlorotoluene	0.26	ND	22.22	20.0	ND	18.93	19.99	20.0	ND	111.1	80.0	127.0	ND	94.7	100.0	80.0	127.0	5.4	15.0						
alpha-methyl-styrene	0.46	ND	NS	NS	ND	NS	NS	NS	ND	NS	NA	NA	ND	NS	NS	NA	NA	NA	NA						
tert-butyl-benzene	0.36	ND	23.67	20.0	ND	19.60	19.48	20.0	ND	118.4	80.0	121.0	ND	98.0	97.4	80.0	121.0	0.6	15.0						
1,2,4-trimethylbenzene	0.23	ND	22.66	20.0	0.38	19.35	19.75	20.0	ND	113.3	84.0	125.0	0.4	94.9	96.9	84.0	125.0	2.0	15.0						
sec-butyl-benzene	0.33	ND	21.34	20.0	ND	17.22	17.25	20.0	ND	106.7	80.0	125.0	ND	86.1	86.3	80.0	125.0	0.2	15.0						
p-isopropyl-toluene	0.33	ND	21.67	20.0	ND	17.76	17.92	20.0	ND	108.4	79.0	133.0	ND	88.8	89.6	79.0	133.0	0.9	15.0						
1,3-dichlorobenzene	0.32	ND	21.73	20.0	ND	18.70	19.08	20.0	ND	108.7	70.0	130.0	ND	93.5	95.4	70.0	130.0	2.0	15.0						
1,4-dichlorobenzene	0.38	ND	21.15	20.0	ND	18.67	18.94	20.0	ND	105.8	70.0	130.0	ND	93.4	94.7	70.0	130.0	1.4	15.0						
n-butyl-benzene	0.37	ND	21.95	20.0	ND	17.82	18.05	20.0	ND	109.8	78.0	128.0	ND	89.1	90.3	78.0	128.0	1.3	17.0						
1,2-dichlorobenzene	0.37	ND	22.08	20.0	ND	19.68	19.98	20.0	ND	110.4	70.0	130.0	ND	98.4	99.9	70.0	130.0	1.5	15.0						
1,2-dibromo-3-chloropropane	0.78	ND	19.80	20.0	ND	19.04	18.84	20.0	ND	99.0	69.0	125.0	ND	95.2	94.2	69.0	125.0	1.1	26.0						
1,2,4-trichlorobenzene	0.25	ND	22.43	20.0	ND	20.30	20.74	20.0	ND	112.2	74.0	124.0	ND	101.5	103.7	74.0	124.0	2.1	20.0						
hexachlorobutadiene	0.46	ND	21.22	20.0	ND	17.13	17.31	20.0	ND	106.1	67.0	131.0	ND	85.7	86.6	67.0	131.0	1.0	26.0						
naphthalene	0.48	ND	22.57	20.0	ND	22.12	22.11	20.0	ND	112.9	69.0	126.0	ND	110.6	110.6	69.0	126.0	0.0	24.0						
1,2,3-trichlorobenzene	0.33	ND	22.23	20.0	ND	20.80	21.09	20.0	ND	111.2	60.0	137.0	ND	104.0	105.5	60.0	137.0	1.4	33.0						
Surrogates																									
dibromofluoromethane		22.11	22.64	25.0	21.93	22.85	22.61	25.0	88.4	90.6	86	118	87.7	91.4	90.4										
1,2-dichloroethane-d4		21.37	21.10	25.0	21.06	22.89	22.16	25.0	85.5	84.4	80	120	84.2	91.6	88.6										
toluene-d8		23.65	23.78	25.0	23.64	23.55	23.78	25.0	94.6	95.1	88	110	94.6	94.2	95.1										
p-bromofluorobenzene		26.16	25.27	25.0	25.93	24.83	24.94	25.0	104.6	101.1	86	115	103.7	99.3	99.8										

Notes and Definitions:

MDL= Method Detection Limit
BLK= Method Blank
LCS= Laboratory Control Sample
MS/MSD= Matrix Spike / Matrix Spike Duplicate
LCL= Lower Control Limit
UCL= Upper Control Limit
H=Above control limit
L=Below control limit
ND= Non Detected
RPD= Relative Percent Difference
NS=Not spiked
NA=Not applicable
DF=Dihution Factor

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\061900\2M36513.D
Tune Time : 19 Jun 2000 9:45

Daily Calibration File : C:\HPCHEM\1\DATA\061900\2M36514.D

		DBF	DCA	TOL	BFB	FBZ	CBZ	DCB
						1608010	1253520	594904
File	Sample	Surrogate Recovery %				Internal Standard Responses		
2M36515.D	WG79178-	103	99	95	94	1430637	1202556	611196
2M36516.D	WG79178-	100	95	97	95	1415402	1159074	579080
2M36517.D	L0006290	100	101	97	100	1615791	1259629	599800
2M36518.D	L0006290	100	102	97	98	1644692	1225165	593339
2M36519.D	L0006290	101	106	97	99	1623618	1232231	597681
2M36520.D	L0006290	102	106	96	99	1614709	1221535	594142
2M36521.D	L0006290	99	99	97	98	1538935	1216579	592060
2M36522.D	L0006290	104	108	96	98	1551726	1217971	615019
2M36523.D	L0006290	102	101	95	98	1507530	1232966	597164
2M36524.D	L0006193	104	100	97	101	1336303	1154312	512437
2M36525.D	L0006193	102	97	97	97	1322813	1139431	533423
2M36526.D	L0006193	96	90	100	95	1391675	1109932	556519
2M36527.D	L0006193	99	92	99	96	1300880	1108951	553024
2M36528.D	L0006193	86*	83	90	87	1419063	1027352	493073
2M36529.D	L0006193	85*	84	86*	89	1433579	1131721	526375
2M36530.D	L0006293	78*	80*	83*	90	1385617	996211	490324

t - fails 12hr time check * - fails criteria

Created: Tue Jun 20 07:16:02 2000 HPMS2

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\061900\6M20642.D
Tune Time : 19 Jun 2000 9:12

Daily Calibration File : C:\HPCHEM\1\DATA\061900\6M20645.D

		DFM	DCA	TOL	BFB	FBZ	CBZ	
						1213620	952605	560030
File	Sample	Surrogate Recovery %				Internal Standard Responses		
6M20646.D	WG79172-	83	93	96	99	1187029	884469	478691
6M20647.D	WG79172-	92	101	96	95	1143715	829260	494300
6M20648.D	L0006193	86	98	87	96	1130763	992826	395169
6M20649.D	L0006193	89	97	93	97	1381258	1060170	576936
6M20650.D	L0006193	88	94	92	96	1413059	1110928	611017
6M20651.D	L0006193	89	97	93	100	1415175	1106420	610145
6M20652.D	L0006193	91	97	92	96	1324984	1080060	621881
6M20653.D	L0006193	88	95	93	96	1367035	1035603	586909
6M20654.D	L0006193	87	93	93	100	1418368	1063876	541397
6M20655.D	L0006193	89	96	93	104	1425383	1110077	554424
6M20656.D	L0006193	89	96	93	101	1448145	1095989	576514
6M20657.D	L0006193	90	95	95	105	1418636	1079537	559443
6M20658.D	SYSTEM B	88	90	93	94	1472064	1074136	591497
6M20659.D	L0006193	90	98	94	104	1401869	1119880	564041
6M20660.D	L0006193	87	91	93	99	1489738	1110293	564034

t - fails 12hr time check * - fails criteria

Created: Tue Jun 20 07:21:46 2000 HPMS6

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\062000\10M4265.D
Tune Time : 20 Jun 2000 8:30

Daily Calibration File : C:\HPCHEM\1\DATA\062000\10M4266.D

						1046210	740015	398935
File	Sample	Surrogate Recovery %				Internal Standard Responses		
10M4267.D	WG79271-	90	88	98	101	1005644	663671	340820
10M4268.D	WG79271-	92	93	98	103	923037	616667	317260
10M4269.D	WG79271-	93	94	94	97	941577	675550	381096
10M4270.D	L0006253	89	89	98	103	924112	612285	307191
10M4271.D	L0006253	91	91	95	97	940919	666902	377524
10M4272.D	L0006253	91	88	95	99	994274	698573	380889
10M4273.D	L0006290	87	85	93	95	951281	678342	421416
10M4274.D	L0006290	84*	82	94	97	1089406	760099	427982
10M4275.D	L0006290	86*	81	95	97	1108920	763239	425328
10M4276.D	L0006290	82*	81	94	96	1130641	790330	449071
10M4277.D	L0006253	81*	79*	99	95	1062404	684135	371469
10M4278.D	L0006253	86	83	96	100	1117247	750276	397828
10M4279.D	L0006253	94	90	107	111	1080462	715432	373399
10M4280.D	L0006253	96	93	107	114	1028922	684482	350051
10M4281.D	L0006253	97	96	109	116*	971825	642396	327987
10M4282.D	L0006253	98	98	110	116*	919629	609098	308475
10M4283.D	L0006177	102	100	111*	117*	888458	587339	296408
10M4284.D	L0006177	98	102	110	117*	856752	573457	289525
10M4285.D	L0006193	98	105	133*	110	958231	765891	414155
10M4286.D	L0006193	93	96	101	108	1078472	779974	415103

t - fails 12hr time check * - fails criteria

Created: Wed Jun 21 08:54:17 2000 HPMS10

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\062000\10M4287.D
Tune Time : 20 Jun 2000 20:36

Daily Calibration File : C:\HPCHEM\1\DATA\062000\10M4288.D

						1161470	803062	419594
File	Sample	Surrogate Recovery %				Internal Standard Responses		
10M4289.D	WG79341-	93	84	109	112	1135036	747728	368018
10M4290.D	WG79341-	96	88	106	109	1109356	762991	404689
10M4291.D	L0006193	92	85	104	108	1086690	763675	397688
10M4292.D	L0006193	94	90	103	108	1111188	791177	425604
10M4293.D	L0006193	95	85	108	113	1110876	729732	361275
10M4294.D	L0006235	95	88	108	114	1055228	694778	341233
10M4295.D	L0006235	96	90	108	114	991578	655298	332513
10M4296.D	L0006245	96	92	110*	114	963468	633553	318493
10M4297.D	L0006245	96	92	103	107	991211	694464	372665
10M4298.D	L0006245	94	88	106	107	993169	673873	358664
10M4299.D	L0006245	95	91	103	105	1022038	711144	407608
10M4300.D	L0006245	96	91	108	113	1019712	672126	342633
10M4301.D	L0006159	94	90	110	114	943940	615318	305527
10M4302.D	L0006160	95	92	108	117*	902181	600920	291991
10M4303.D	L0006160	98	99	108	117*	870104	582025	291820
10M4304.D	L0006160	100	99	111*	119*	842965	555409	279026
10M4305.D	L0006159	100	99	105	119*	835182	582658	299988
10M4306.D	L0006159	100	100	104	117*	840184	585906	318125

t - fails 12hr time check * - fails criteria

Created: Wed Jun 21 08:55:12 2000 HPMS10

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\062100\2M36588.D
Tune Time : 21 Jun 2000 9:07

Daily Calibration File : C:\HPCHEM\1\DATA\062100\2M36589.D

	DBF	DCA	TOL	BFB	FBZ	CBZ	DCB
					1493960	1107030	499932

File	Sample	Surrogate Recovery %				Internal Standard Responses		
2M36590.D	WG79363-	110	106	107	112	1382773	1123049	515023
2M36591.D	WG79363-	108	110	104	108	1349373	1101201	519953
2M36592.D	WG79363-	108	110	105	109	1354269	1123993	521213
2M36593.D	WG79363-	108	110	105	110	1401948	1114916	519035
2M36594.D	L0006193	109	111	104	108	1355666	1113931	533011
2M36595.D	L0006193	111	110	107	111	1320272	1074111	533137
2M36596.D	L0006235	108	106	105	108	1475643	1176118	558450
2M36597.D	L0006235	110	109	106	109	1486356	1152780	547183
2M36598.D	L0006160	110	111	105	109	1466775	1141553	542074
2M36599.D	L0006235	109	111	106	109	1419994	1116909	525792
2M36600.D	L0006235	107	107	103	108	1421660	1111472	521741
2M36601.D	L0006235	109	108	106	108	1454908	1112012	524214
2M36602.D	L0006235	109	109	106	107	1424223	1106006	521377
2M36603.D	L0006235	108	109	106	110	1395290	1107550	510868
2M36604.D	L0006235	108	110	107	108	1416643	1093408	511268
2M36605.D	L0006235	110	114	109	109	1450688	1070395	501249
2M36606.D	L0006235	110	111	106	109	1369962	1075920	495755

t - fails 12hr time check * - fails criteria

Created: Thu Jun 22 07:28:28 2000 HPMS2

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\062100\10M4309.D
Tune Time : 21 Jun 2000 8:44

Daily Calibration File : C:\HPCHEM\1\DATA\062100\10M4310.D

						968030	689370	372447
File	Sample	Surrogate Recovery %				Internal Standard Responses		
10M4311.D	WG79355-	99	94	109	116*	951398	624788	310508
10M4312.D	WG79355-	100	97	106	109	938604	657077	361152
10M4313.D	L0006193	100	98	110*	110	945265	706777	374365
10M4314.D	L0006193	97	96	106	111	949806	660531	351326
10M4315.D	L0006193	99	99	106	111	914695	643891	343646
10M4316.D	L0006160	95	96	110*	115*	856100	548320	273305
10M4317.D	L0006160	102	104	108	121*	837462	573313	291106
10M4318.D	L0006159	102	105	105	118*	825783	576346	300447
10M4319.D	L0006159	102	105	106	120*	821542	570174	300282
10M4320.D	L0006177	103	106	109	118*	821440	549040	282647
10M4321.D	L0006253	100	106	110*	121*	793517	535911	268468
10M4322.D	L0006253	100	100	105	108	862348	615540	348116
10M4323.D	L0006253	103	105	103	108	930161	697735	403034
10M4324.D	L0006235	99	97	111*	114	918441	617448	312191
10M4325.D	L0006235	99	99	111*	117*	844422	562088	283102
10M4326.D	L0006235	101	102	109	117*	811386	555683	272495
10M4327.D	L0006397	96	97	110*	117*	832472	543636	274017
10M4328.D	L0006397	94	93	111*	110	880257	572894	308342

t - fails 12hr time check * - fails criteria

Created: Thu Jun 22 08:30:21 2000 HPMS10

GC/MS QA-QC Check Report

Tune File : C:\HPCHEM\1\DATA\062900\9M10343.D
Tune Time : 29 Jun 2000 7:09

Daily Calibration File : C:\HPCHEM\1\DATA\062900\9M10344.D

						1490330	1284380	1020750
File	Sample	Surrogate Recovery %				Internal Standard Responses		
9M10345.D	WG79903-	88	83	94	102	1440831	1224986	937764
9M10346.D	WG79903-	88	85	95	105	1384544	1186362	893418
9M10347.D	WG79903-	91	84	95	101	1400548	1210586	950048
9M10348.D	L0006193	89	87	94	99	1373081	1192209	939933
9M10349.D	L0006425	88	84	95	104	1370034	1160553	894426
9M10350.D	L0006425	91	89	94	105	1308268	1106029	848930
9M10351.D	L0006193	90	90	95	104	1263706	1085855	851518
9M10352.D	L0006425	91	92	94	99	1280860	1130279	916821
9M10353.D	L0006425	90	89	95	100	1309979	1134308	913484
9M10354.D	L0006417	86*	88	95	101	1384982	1208039	947368
9M10355.D	L0006417	85*	91	95	103	1497887	1292145	1010056
9M10356.D	L0006417	86*	81	94	102	1500369	1252772	953193
9M10357.D	L0006453	87	83	93	104	1423182	1224679	920961
9M10358.D	L0006453	87	85	94	105	1360345	1167239	882179
9M10359.D	L0006453	89	87	94	105	1316385	1116902	852648
9M10360.D	L0006453	91	91	94	104	1261879	1075069	830498
9M10361.D	L0006453	90	93	93	106	1202416	1032942	802558
9M10362.D	L0006453	92	97	94	105	1166345	989518	770726
9M10363.D	L0006453	94	97	94	104	1108659	937947	737971
9M10364.D	L0006453	96	100	93	106	1051840	916587	713088
9M10365.D	L0006288	98	96	91	100	1216892	1042598	861512

t - fails 12hr time check * - fails criteria

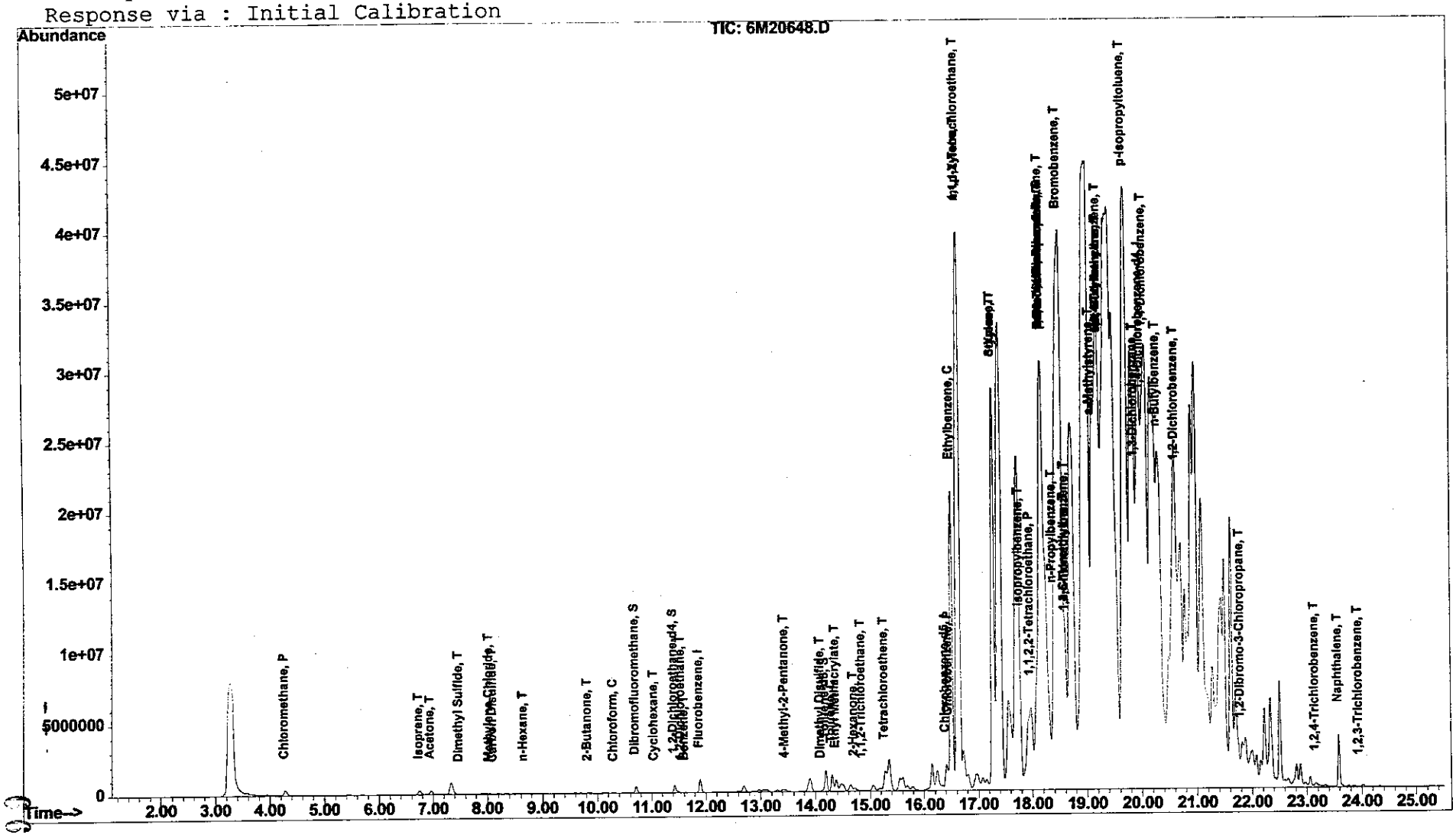
Created: Fri Jun 30 09:15:04 2000 HPMS_9

2.1.1.2 Sample Data

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20648.D Vial: 9
Acq On : 19 Jun 2000 13:30 Operator: CMS
Sample : L0006193-01 A IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 13:56 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20648.D Vial: 9
Acq On : 19 Jun 2000 13:30 Operator: CMS
Sample : L0006193-01 A IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 13:56 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.90	96	1130763	50.00 ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	992826	50.00 ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.99	152	395169	50.00 ug/kg	0.02
System Monitoring Compounds					
28) Dibromofluoromethane	10.70	111	364507	42.96 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.92%	
33) 1,2-Dichloroethane-d4	11.43	65	501724	49.25 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.50%	
45) Toluene-d8	14.19	98	1290621	43.67 ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	87.34%	
66) p-Bromofluorobenzene	18.18	95	424737	47.98 ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	95.96%	
Target Compounds					Qvalue
3) Chloromethane	4.28	50	40317	5.80 ug/kg#	88
8) Isoprene	6.74	67	15842	1.42 ug/kg#	1
11) Acetone	6.96	43	630617	243.25 ug/kg NTC	99
15) Methylene Chloride	8.05	84	7569	1.12 ug/kg# J	49
16) Carbon Disulfide	8.11	76	9711	0.35 ug/kg	98
20) n-Hexane	8.65	57	27031	1.62 ug/kg#	72
23) 2-Butanone	9.83	43	97703	18.32 ug/kg# J	87
26) Chloroform	10.31	83	7294	0.47 ug/kg#	27
30) Cyclohexane	11.06	56	26933	1.42 ug/kg#	54
34) 1,2-Dichloroethane	11.56	62	3861	0.27 ug/kg#	97
35) Benzene	11.62	78	30345	1.03 ug/kg# J	85
41) 4-Methyl-2-Pentanone	13.45	58	49773	15.35 ug/kg#	87
43) Dimethyl Disulfide	14.10	79	1403	0.21 ug/kg#	50
46) Toluene	14.31	91	999766	27.16 ug/kg	99
47) Ethyl Methacrylate	14.38	69	4399	0.46 ug/kg#	1
49) 1,1,2-Trichloroethane	14.85	97	9404	1.29 ug/kg#	32
50) 2-Hexanone	14.71	43	111774	12.06 ug/kg#	80
52) Tetrachloroethene	15.27	164	22989	3.25 ug/kg J	90
56) Chlorobenzene	16.46	112	6813	0.27 ug/kg#	9
57) 1,1,1,2-Tetrachloroethane	16.63	131	2208	0.25 ug/kg#	48
58) Ethylbenzene	16.50	106	9111883	646.18 ug/kg# E	68
59) m-,p-Xylene	16.64	106	34029038	1912.96 ug/kg# E	50
60) o-Xylene	17.27	106	17232251	1013.04 ug/kg# E	66
61) Styrene	17.28	104	1004957	35.02 ug/kg#	1
62) Bromoform	18.18	173	1033	0.20 ug/kg#	1
63) Isopropylbenzene	17.78	105	2478798	56.02 ug/kg NTC	100
65) 1,1,2,2-Tetrachloroethane	17.98	83	123674	19.47 ug/kg#	1

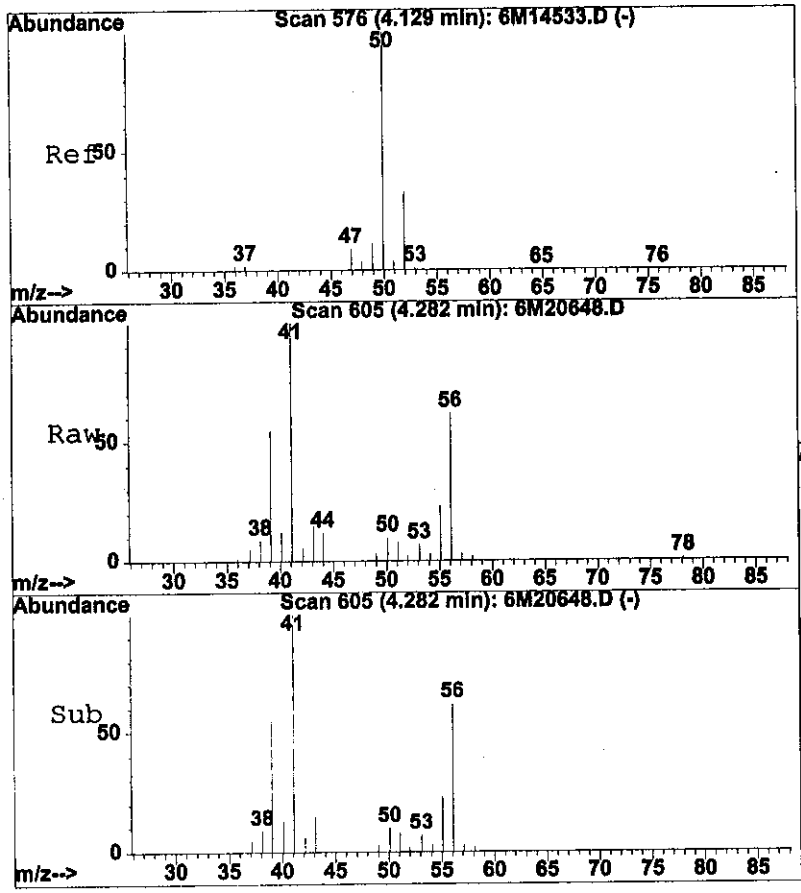
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061900\6M20648.D Vial: 9
Acq On : 19 Jun 2000 13:30 Operator: CMS
Sample : L0006193-01 A IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 13:56 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
67) 1,2,3-Trichloropropane	18.18	110	6316	2.93 ug/kg#	1
68) trans-1,4-Dichloro-2-Buten	18.18	53	2131327	817.14 ug/kg#	19
69) n-Propylbenzene	18.38	91	3567025	96.77 ug/kg#	96
70) Bromobenzene	18.49	156	283370	36.82 ug/kg#	1
71) 1,3,5-Trimethylbenzene	18.61	105	4182481	158.78 ug/kg	95
72) 2-Chlorotoluene	18.61	91	468580	20.08 ug/kg#	39
73) 4-Chlorotoluene	18.61	91	442552	18.74 ug/kg#	39
74) a-Methylstyrene	19.08	118	6032	0.46 ug/kg#	7
75) tert-Butylbenzene	19.23	119	733029	30.66 ug/kg#	51
76) 1,2,4-Trimethylbenzene	19.23	105	5963884	217.58 ug/kg	93
77) sec-Butylbenzene	19.23	105	5963884	175.45 ug/kg#	57
78) p-Isopropyltoluene	19.68	119	80099	2.74 ug/kg	95
80) 1,4-Dichlorobenzene	20.05	146	3613	0.22 ug/kg#	1
81) n-Butylbenzene	20.28	91	2331760	83.93 ug/kg#	1
82) 1,2-Dichlorobenzene	20.63	146	3264	0.22 ug/kg#	33
83) 1,2-Dibromo-3-Chloropropan	21.79	157	390	0.24 ug/kg#	1
84) 1,2,4-Trichlorobenzene	23.16	180	3833	0.39 ug/kg#	1
86) Naphthalene	23.59	128	4117461	168.84 ug/kg	100
87) 1,2,3-Trichlorobenzene	23.95	180	2720	0.29 ug/kg#	94

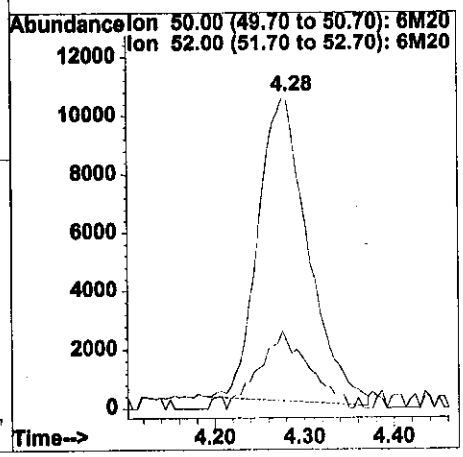
(#) = qualifier out of range (m) = manual integration

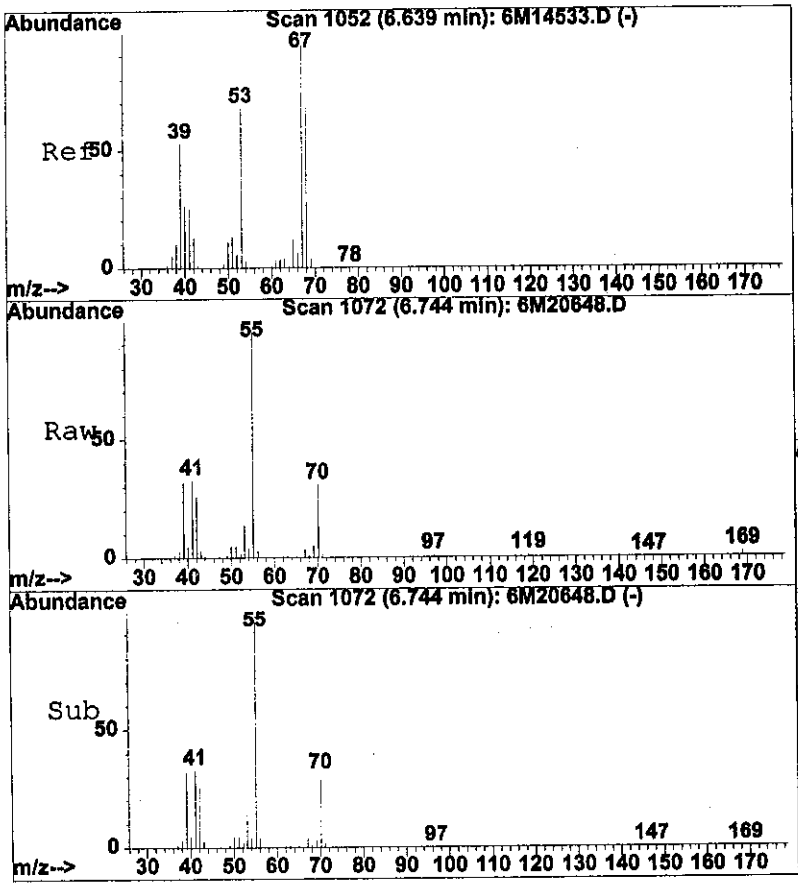


#3
Chloromethane
Concen: 5.80 ug/kg
RT: 4.28 min Scan# 605
Delta R.T. 0.12 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 50 Resp: 40317

Ion	Ratio	Lower	Upper
50	100		
52	24.9	25.4	38.0#

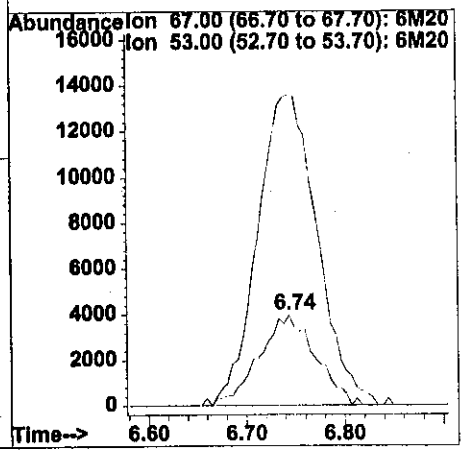


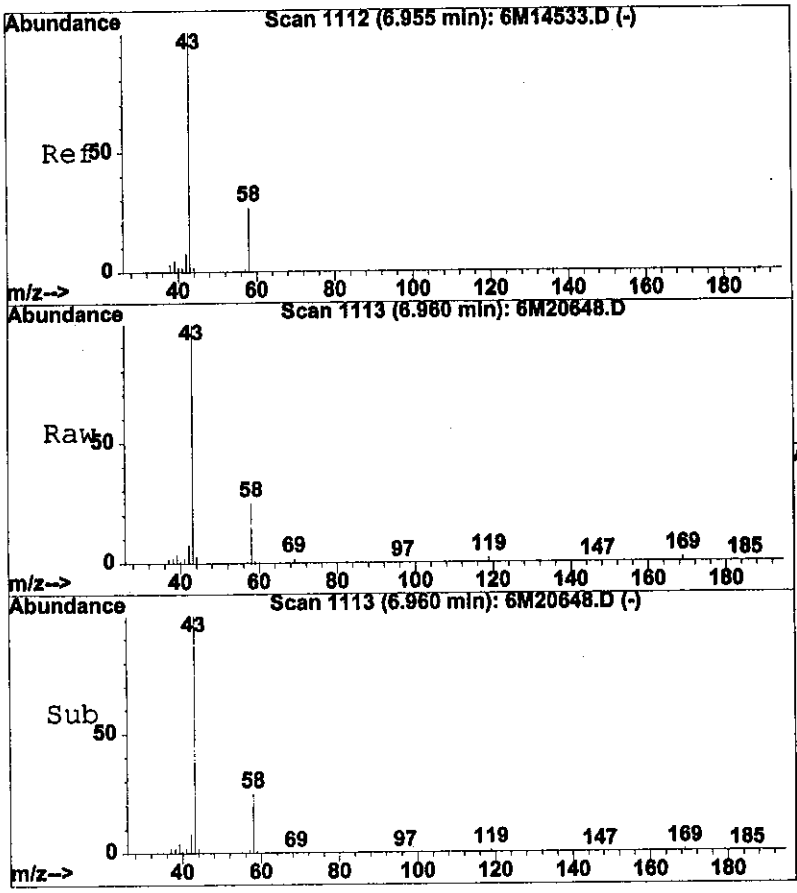


#8
Isoprene
Concen: 1.42 ug/kg
RT: 6.74 min Scan# 1072
Delta R.T. 0.09 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 67 Resp: 15842

Ion	Ratio	Lower	Upper
67	100		
53	361.5	56.7	85.1#

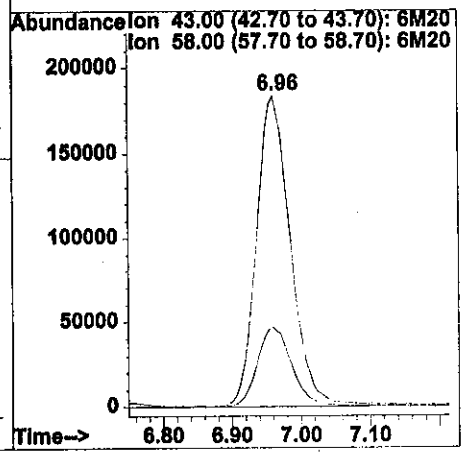


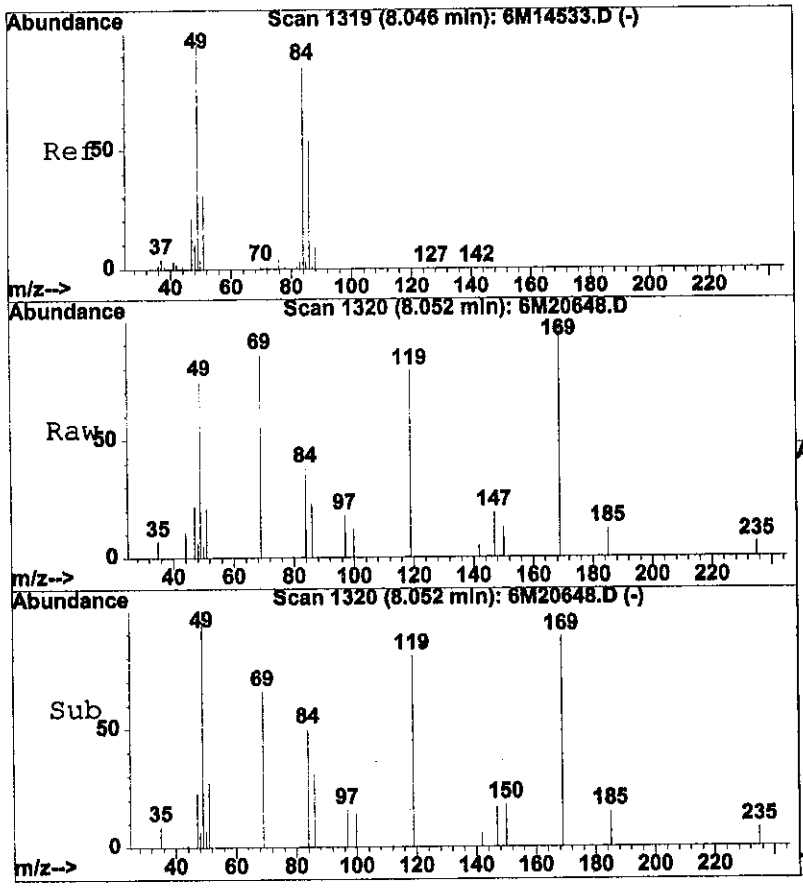


#11
Acetone
Concen: 243.25 ug/kg
RT: 6.96 min Scan# 1113
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 43 Resp: 630617

Ion	Ratio	Lower	Upper
43	100		
58	26.0	21.1	31.7

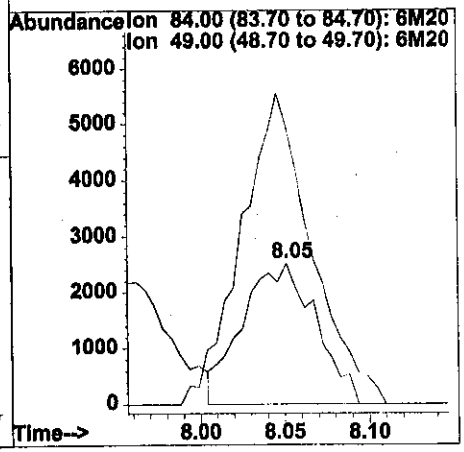


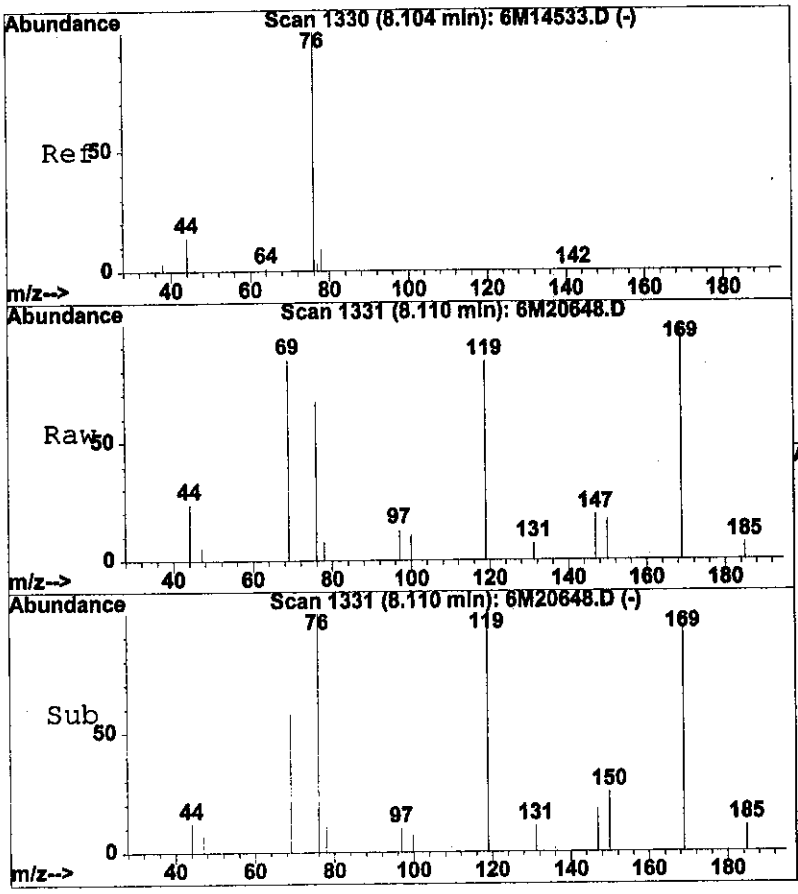


#15
Methylene Chloride
Concen: 1.12 ug/kg
RT: 8.05 min Scan# 1320
Delta R.T. 0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 84 Resp: 7569

Ion	Ratio	Lower	Upper
84	100		
49	211.8	117.8	176.8#

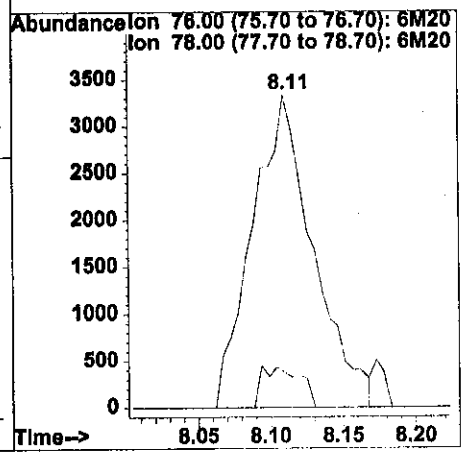


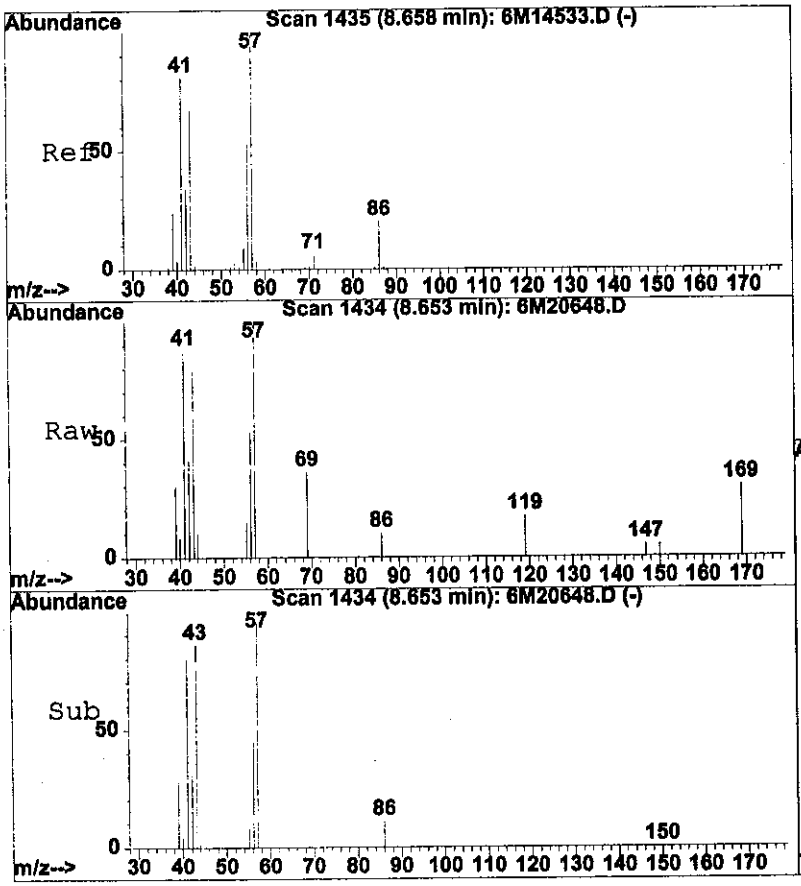


#16
Carbon Disulfide
Concen: 0.35 ug/kg
RT: 8.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 76 Resp: 9711

Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.2	10.8

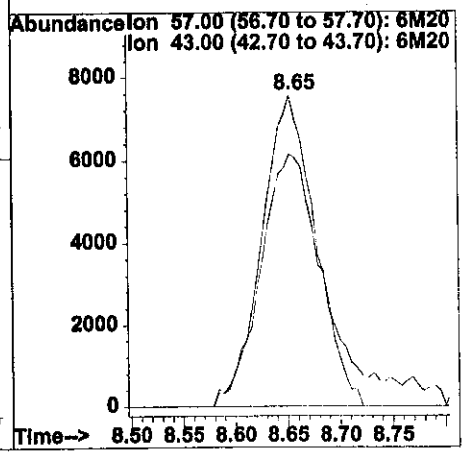


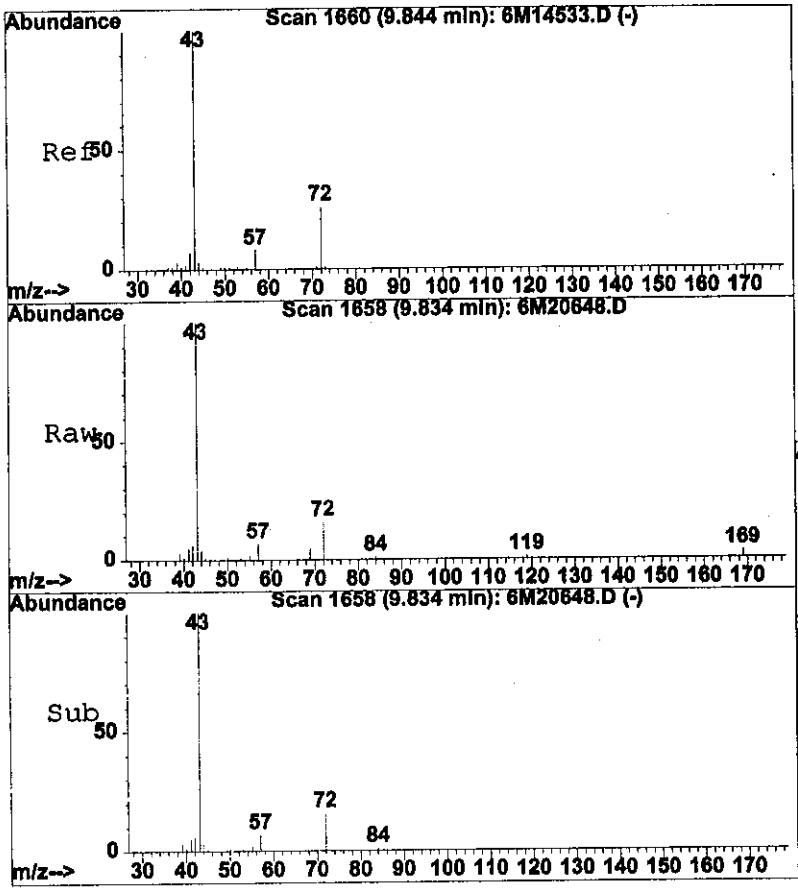


#20
n-Hexane
Concen: 1.62 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 57 Resp: 27031

Ion	Ratio	Lower	Upper
57	100		
43	97.6	59.0	88.6#

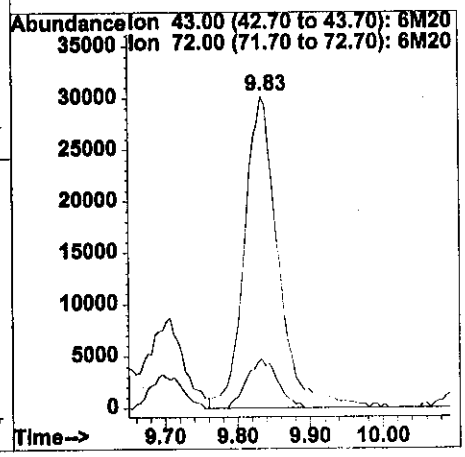


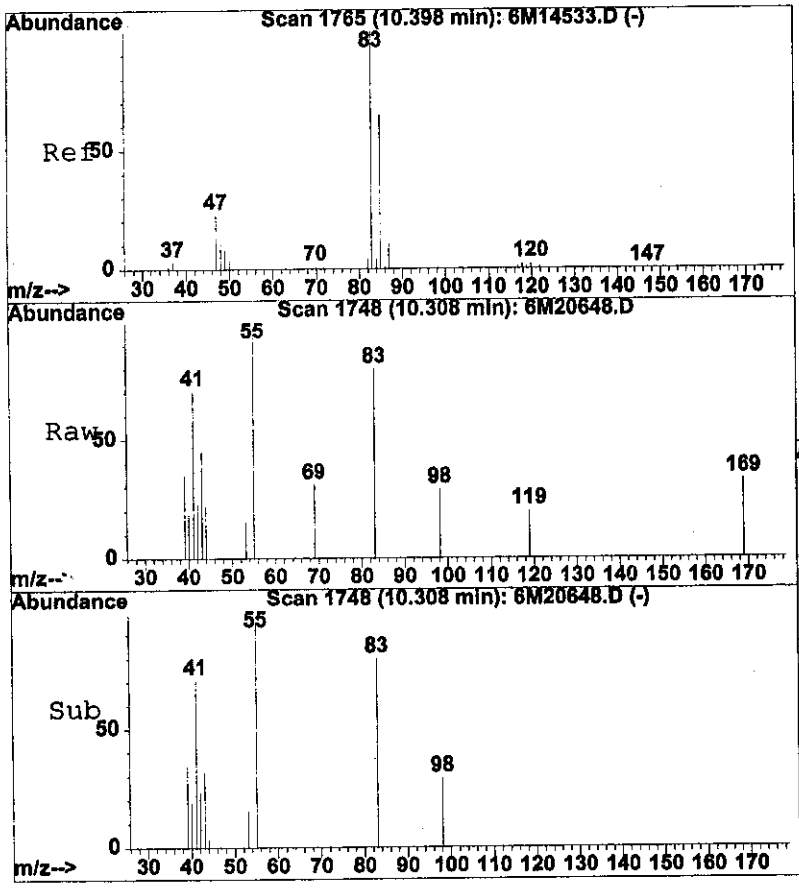


#23
2-Butanone
Concen: 18.32 ug/kg
RT: 9.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 43 Resp: 97703

Ion	Ratio	Lower	Upper
43	100		
72	14.4	16.2	24.4#

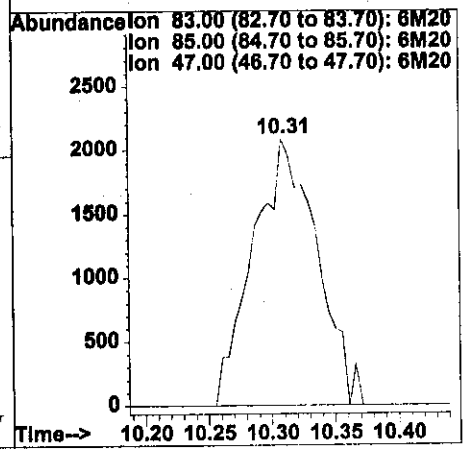


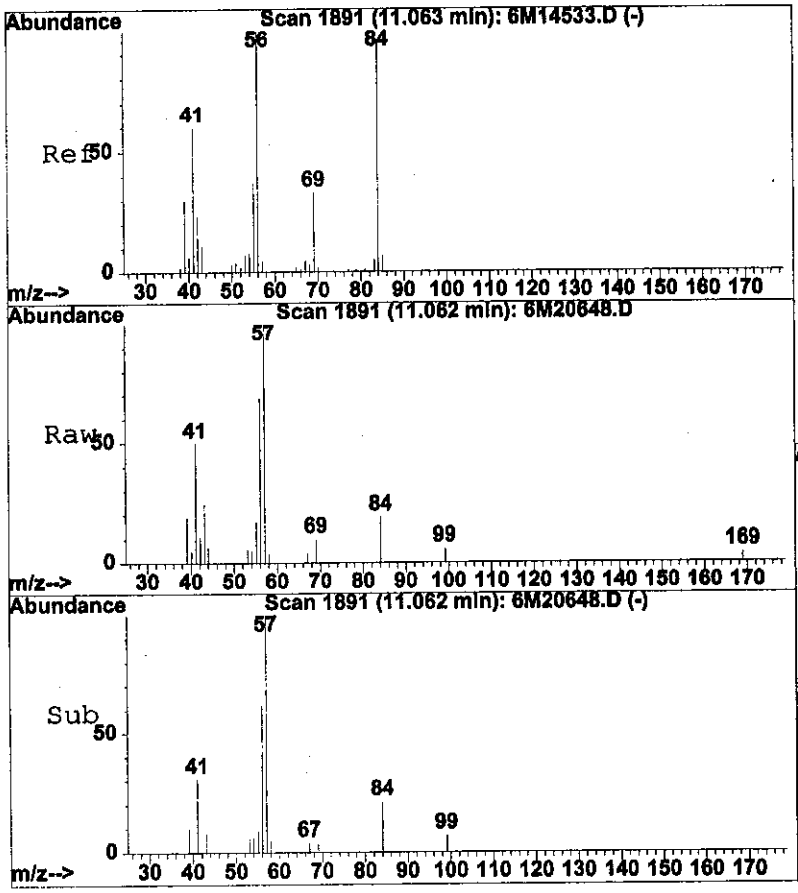


#26
Chloroform
Concen: 0.47 ug/kg
RT: 10.31 min Scan# 1748
Delta R.T. -0.08 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 83 Resp: 7294

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#
47	0.0	22.2	33.4#

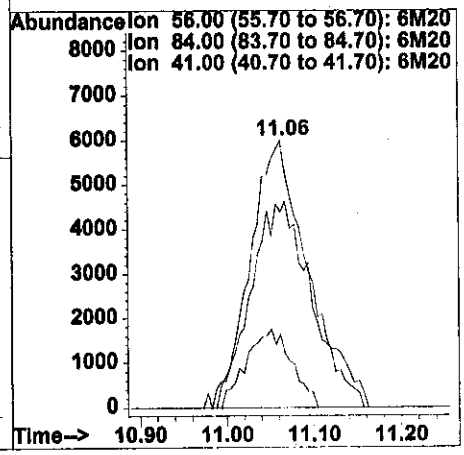


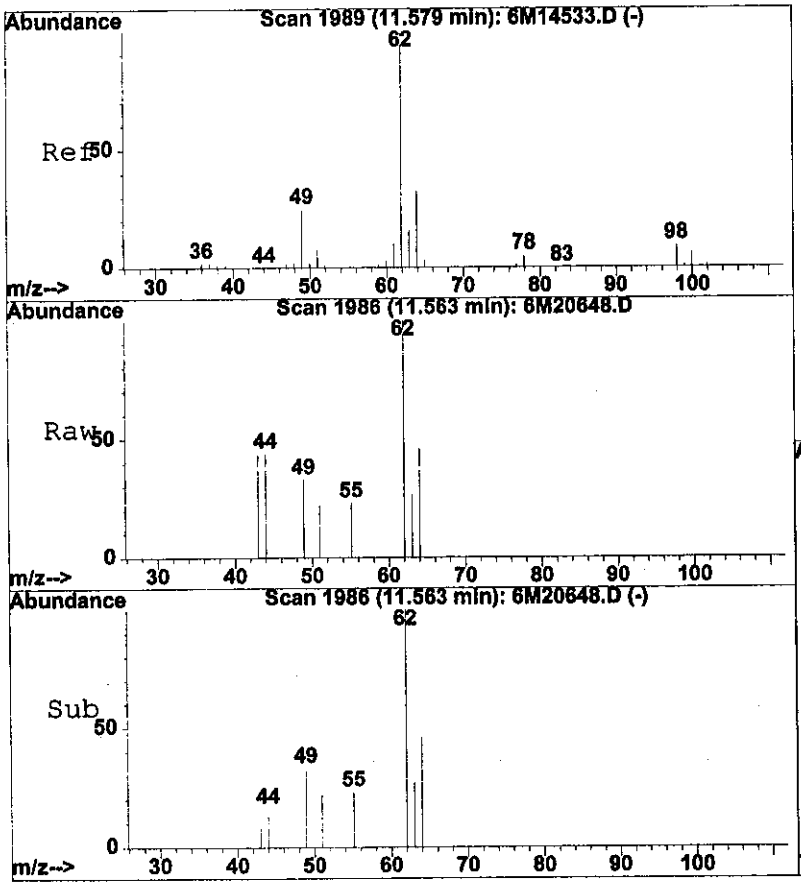


#30
Cyclohexane
Concen: 1.42 ug/kg
RT: 11.06 min Scan# 1891
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 56 Resp: 26933

Ion	Ratio	Lower	Upper
56	100		
84	23.5	64.1	96.1#
41	85.3	52.9	79.3#

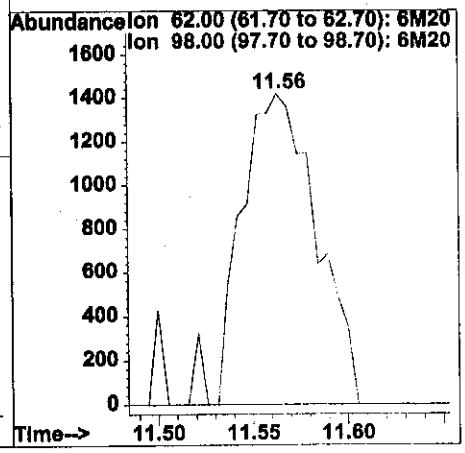


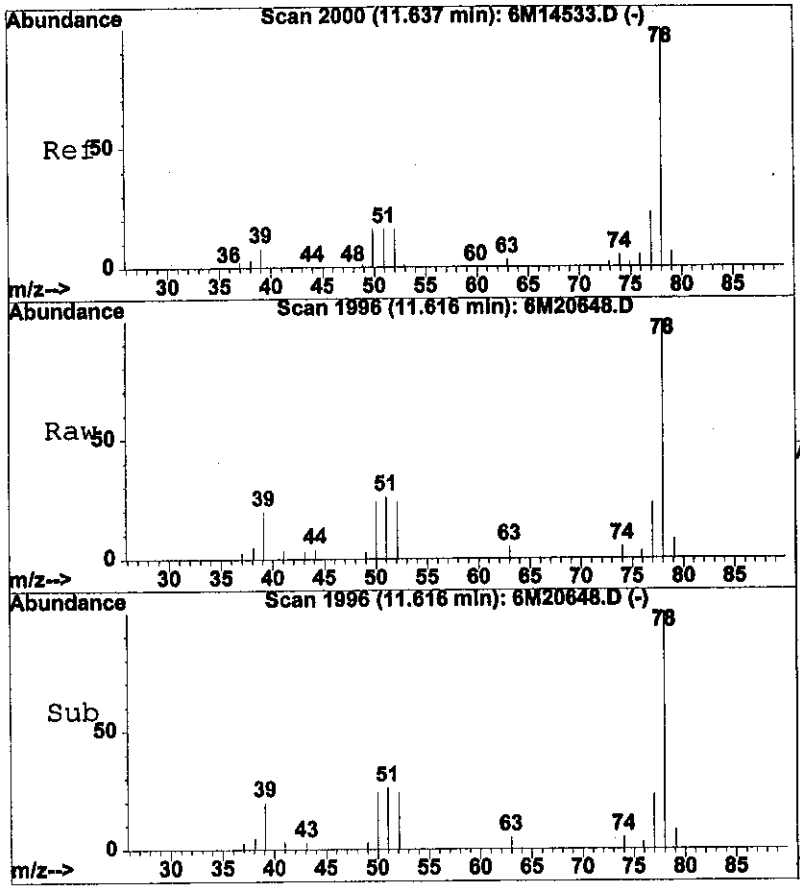


#34
1,2-Dichloroethane
Concen: 0.27 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 62 Resp: 3861

Ion	Ratio	Lower	Upper
62	100		
98	2.6	0.4	0.6#

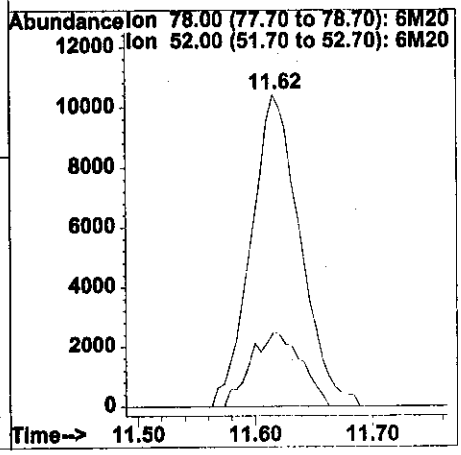


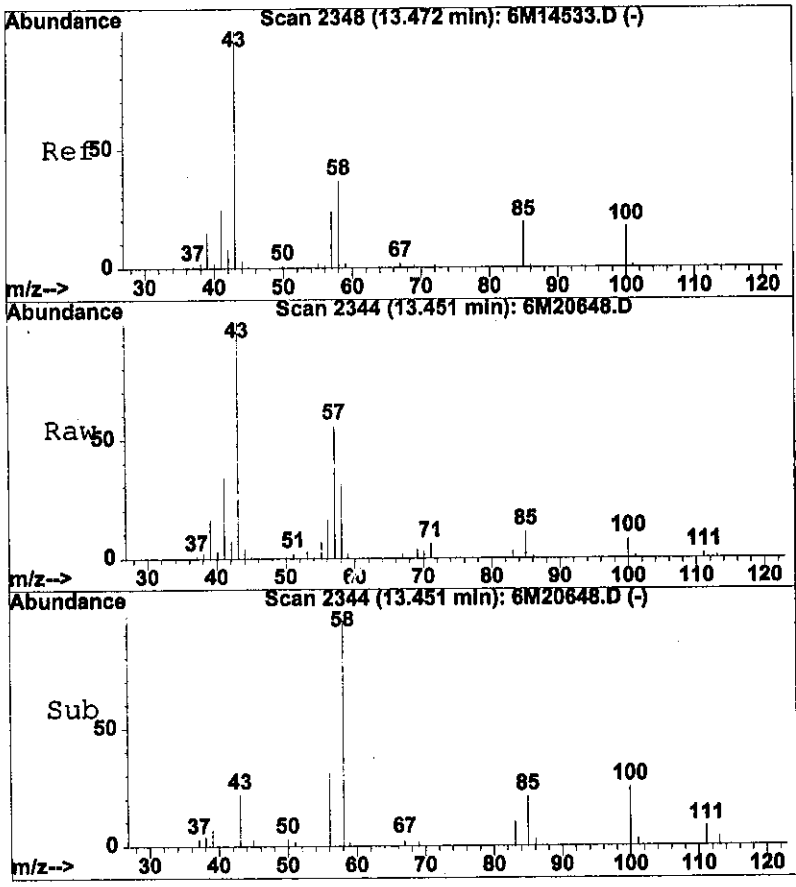


#35
Benzene
Concen: 1.03 ug/kg
RT: 11.62 min Scan# 1996
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 78 Resp: 30345

Ion	Ratio	Lower	Upper
78	100		
52	24.3	14.2	21.4#

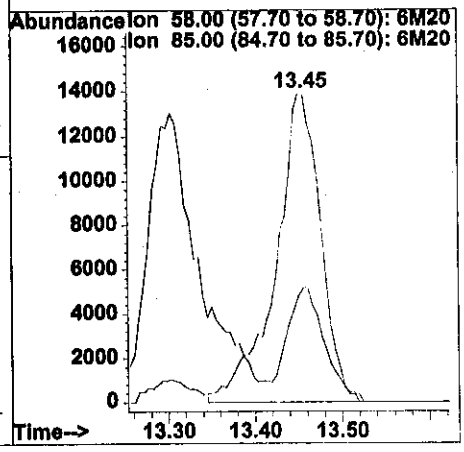


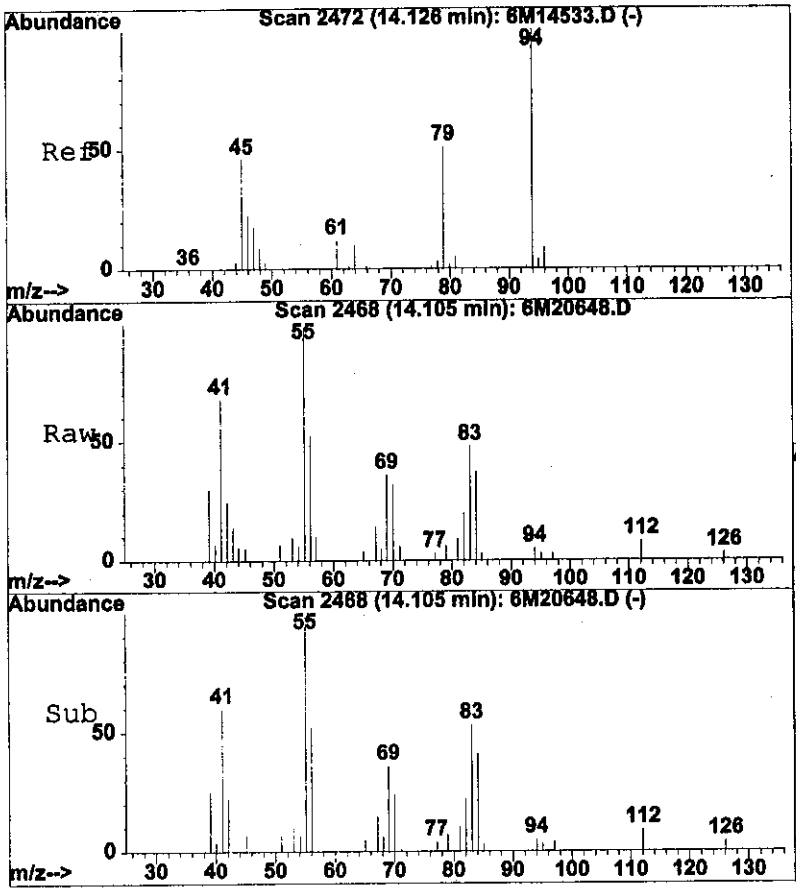


#41
4-Methyl-2-Pentanone
Concen: 15.35 ug/kg
RT: 13.45 min Scan# 2344
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 58 Resp: 49773

Ion	Ratio	Lower	Upper
58	100		
85	31.8	32.2	48.2#

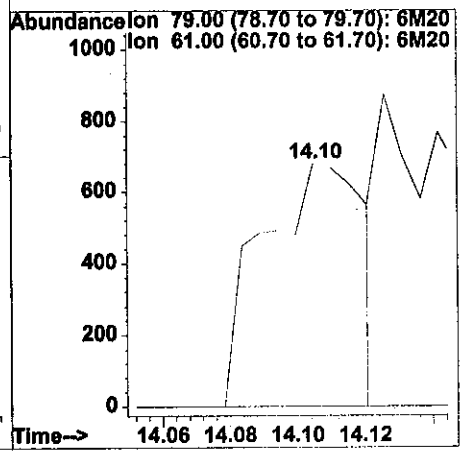


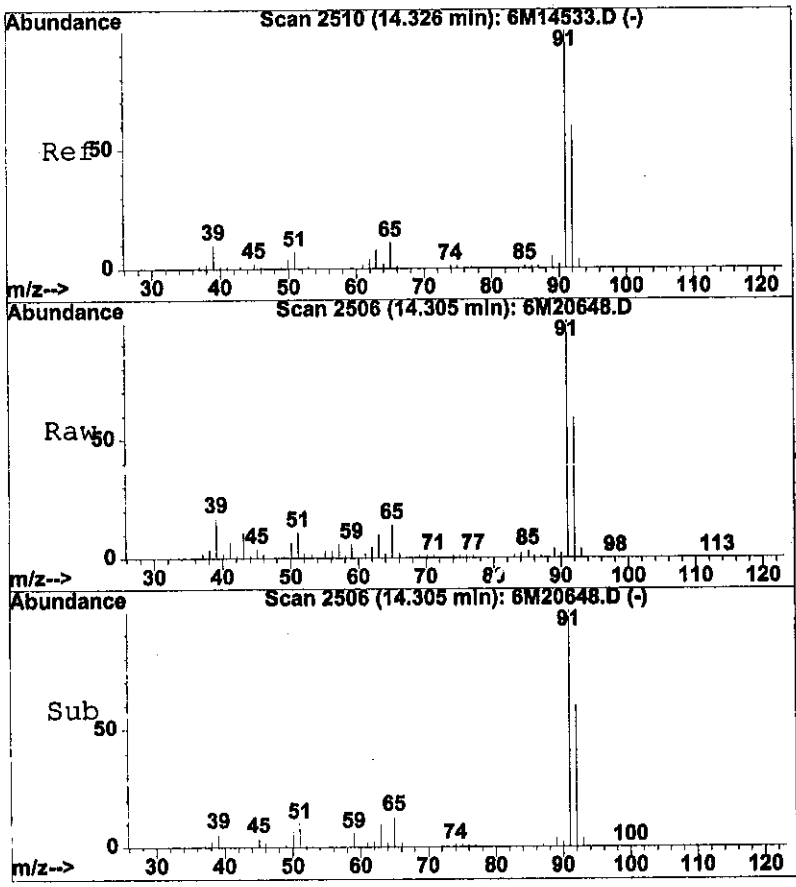


#43
Dimethyl Disulfide
Concen: 0.21 ug/kg
RT: 14.10 min Scan# 2468
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 79 Resp: 1403

Ion	Ratio	Lower	Upper
79	100		
61	0.0	19.9	29.9#

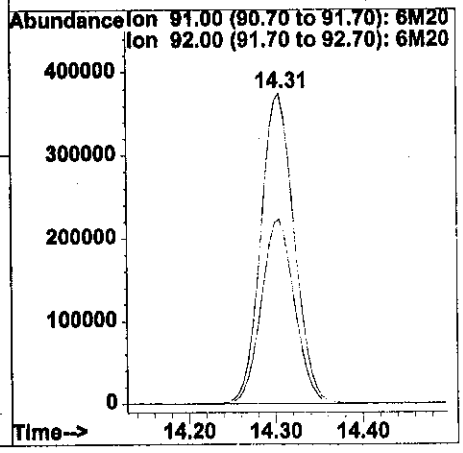


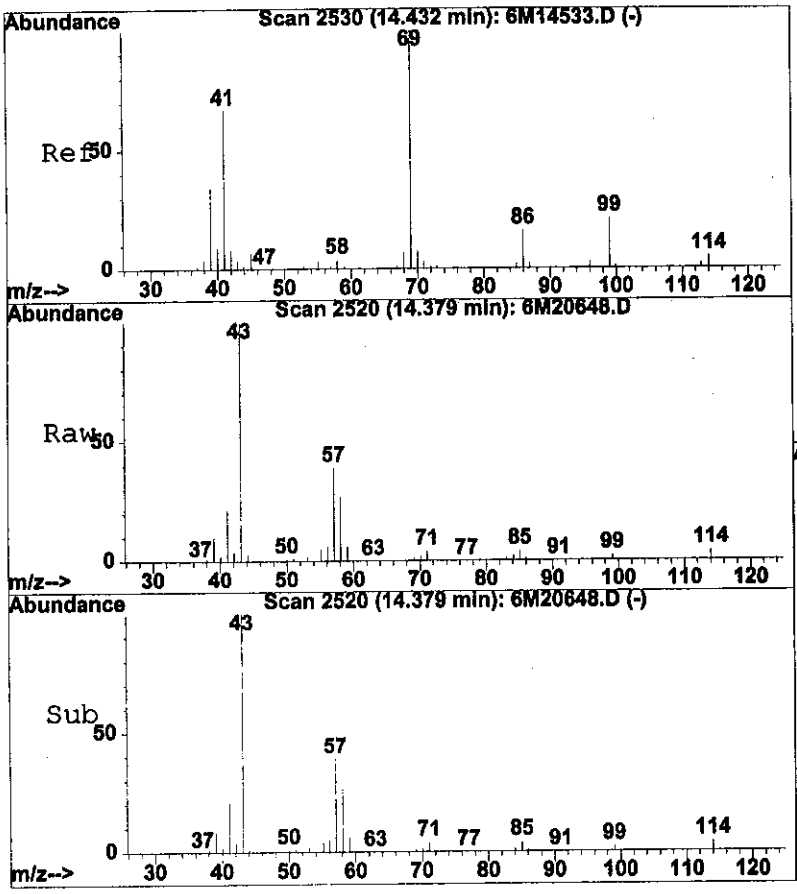


#46
Toluene
Concen: 27.16 ug/kg
RT: 14.31 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 91 Resp: 999766

Ion	Ratio	Lower	Upper
91	100		
92	59.2	46.6	69.8

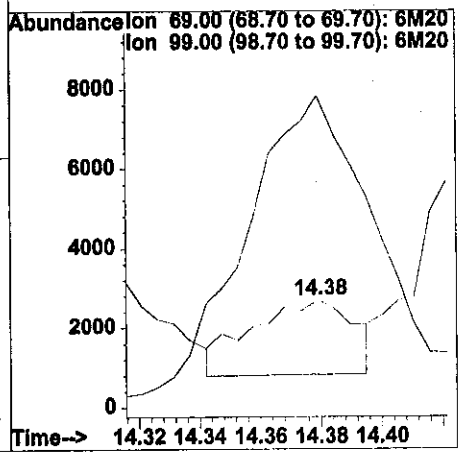


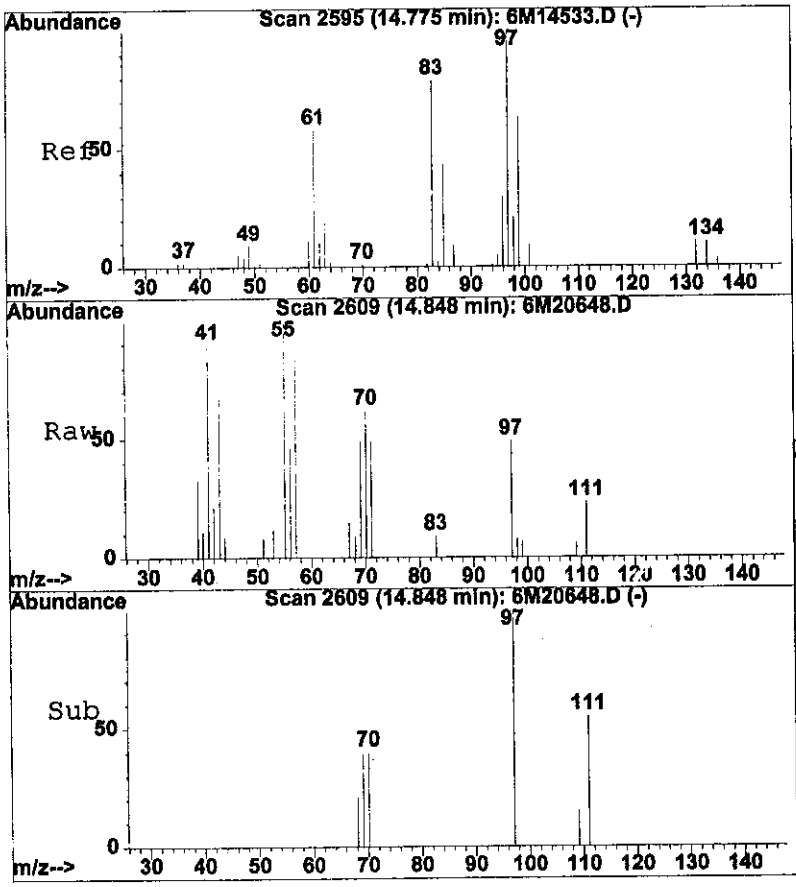


#47
Ethyl Methacrylate
Concen: 0.46 ug/kg
RT: 14.38 min Scan# 2520
Delta R.T. -0.04 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 69 Resp: 4399

Ion	Ratio	Lower	Upper
69	100		
99	558.3	14.2	21.2#

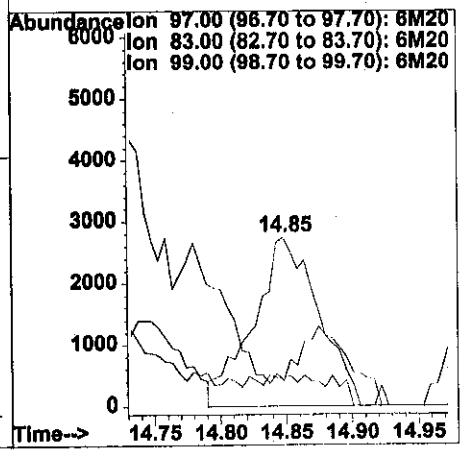


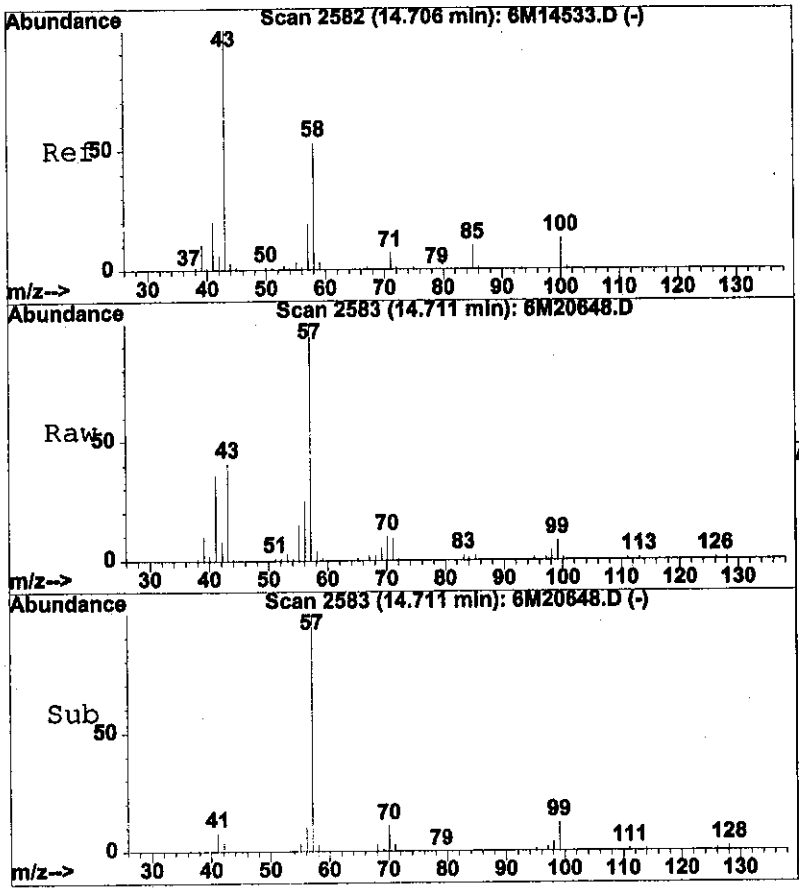


#49
1,1,2-Trichloroethane
Concen: 1.29 ug/kg
RT: 14.85 min Scan# 2609
Delta R.T. 0.10 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 97 Resp: 9404

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
99	39.5	49.8	74.6#

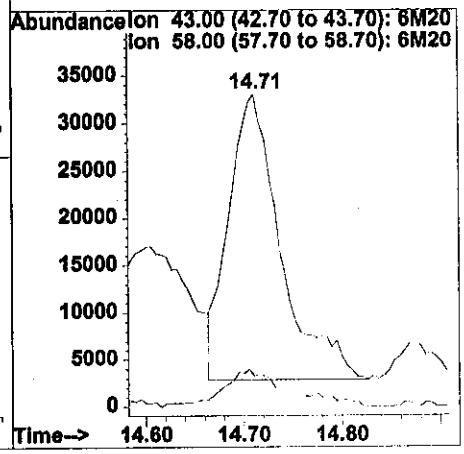


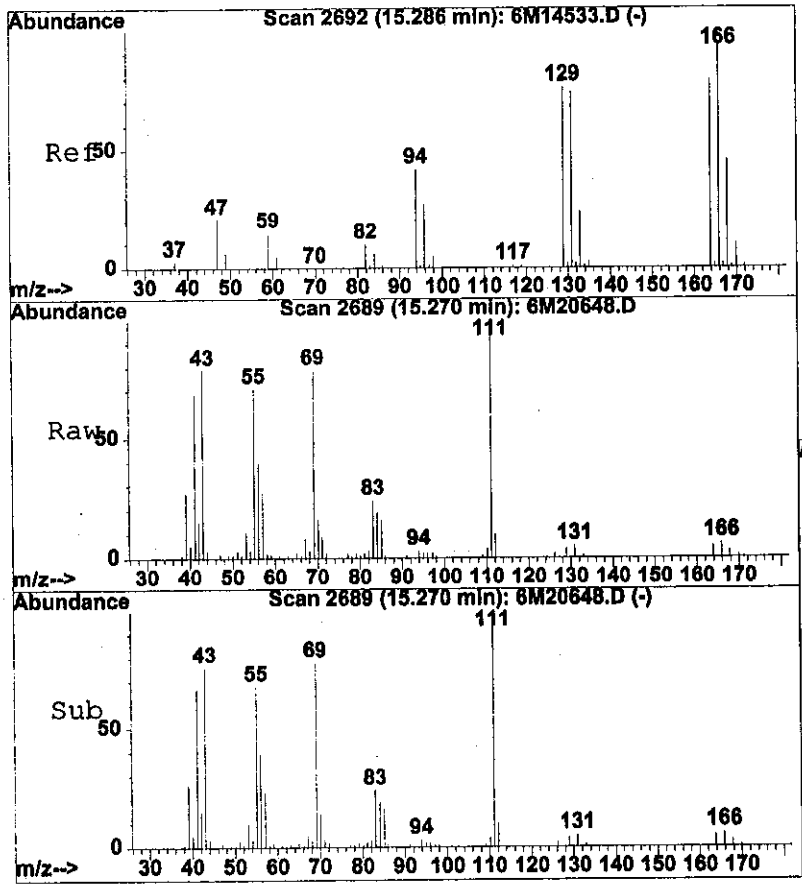


#50
2-Hexanone
Concen: 12.06 ug/kg
RT: 14.71 min Scan# 2583
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 43 Resp: 111774

Ion	Ratio	Lower	Upper
43	100		
58	13.8	5.5	8.3#

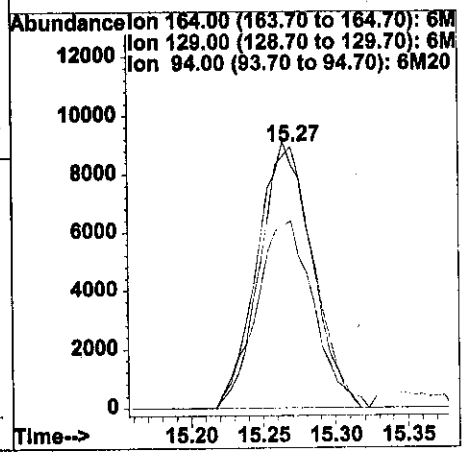


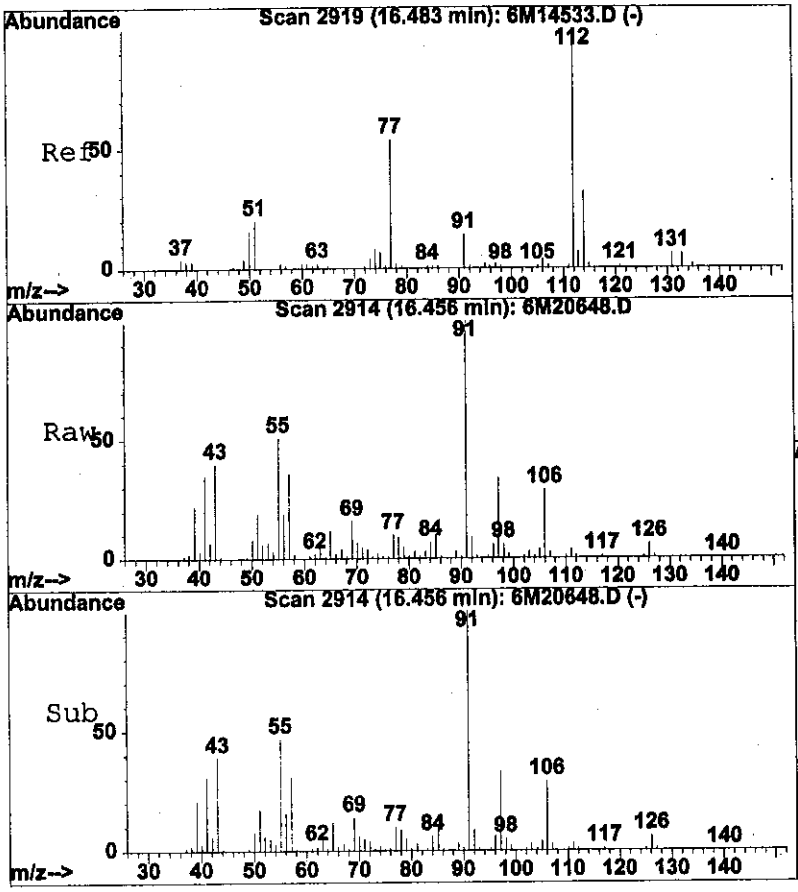


#52
Tetrachloroethene
Concen: 3.25 ug/kg
RT: 15.27 min Scan# 2689
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:164 Resp: 22989

Ion	Ratio	Lower	Upper
164	100		
129	105.4	77.6	116.4
94	74.3	51.8	77.6

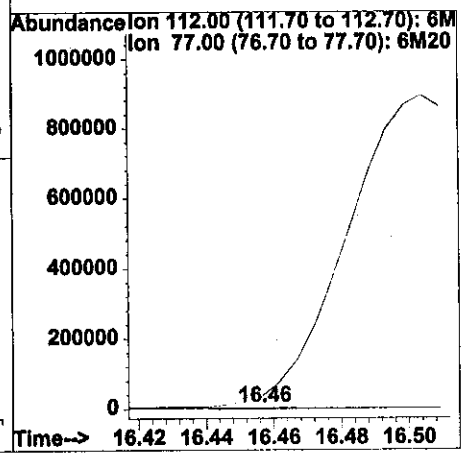


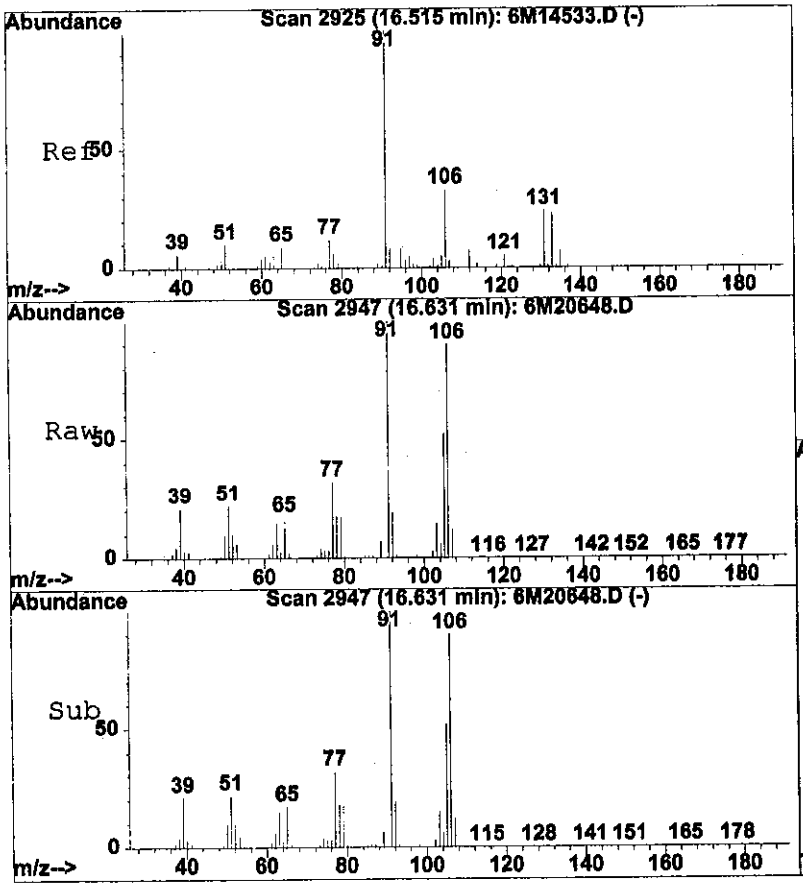


#56
Chlorobenzene
Concen: 0.27 ug/kg
RT: 16.46 min Scan# 2914
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:112 Resp: 6813

Ion	Ratio	Lower	Upper
112	100		
77	0.0	64.9	97.3#

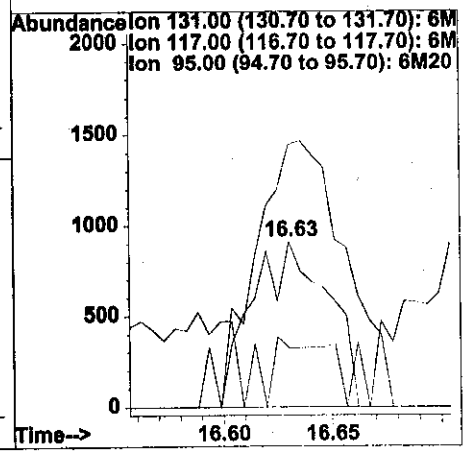


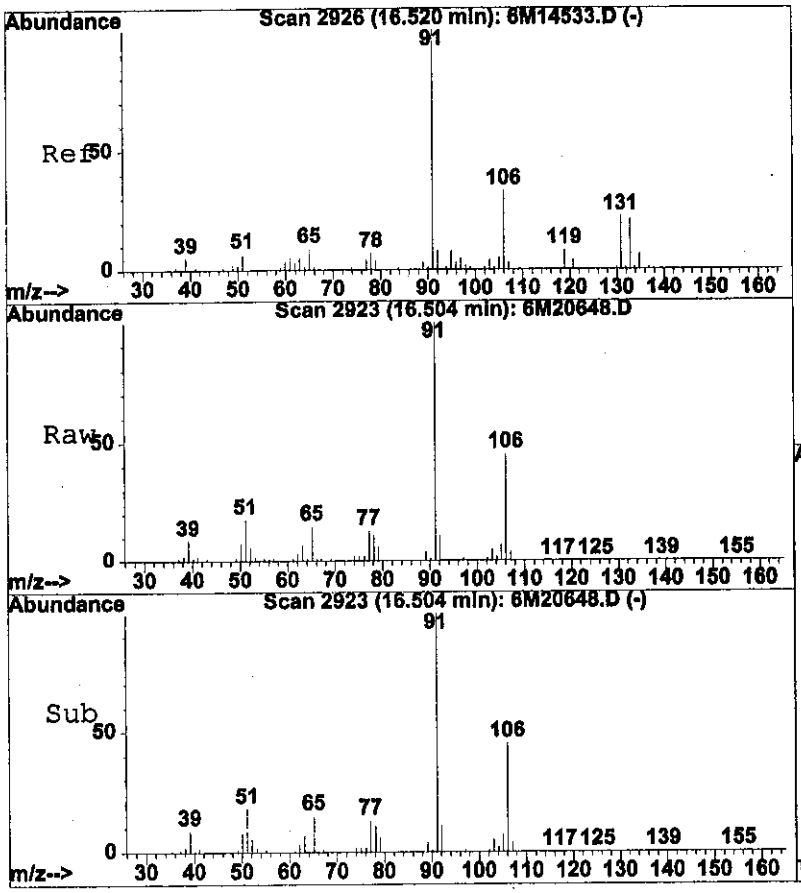


#57
1,1,1,2-Tetrachloroethane
Concen: 0.25 ug/kg
RT: 16.63 min Scan# 2947
Delta R.T. 0.14 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:131 Resp: 2208

Ion	Ratio	Lower	Upper
131	100		
117	0.0	52.4	78.6#
95	38.9	33.0	49.6

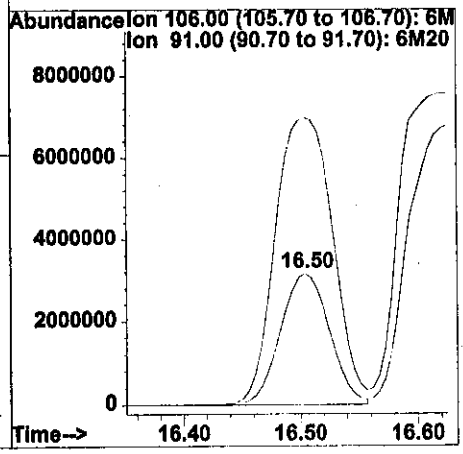


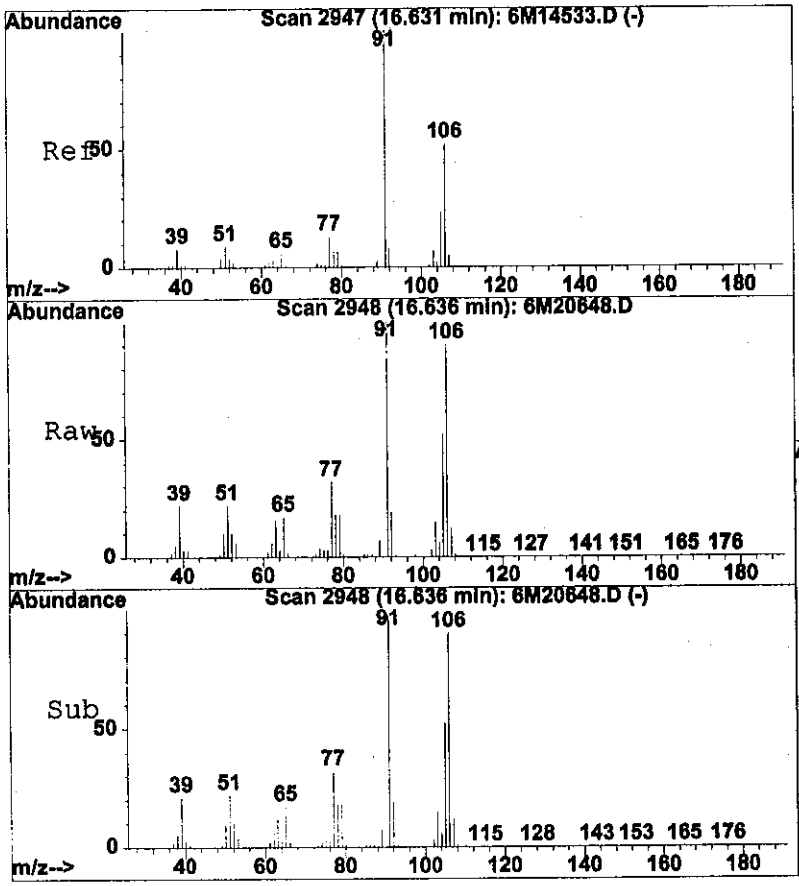


#58
Ethylbenzene
Concen: 646.18 ug/kg
RT: 16.50 min Scan# 2923
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:106 Resp: 9111883

Ion	Ratio	Lower	Upper
106	100		
91	259.0	259.6	389.4#

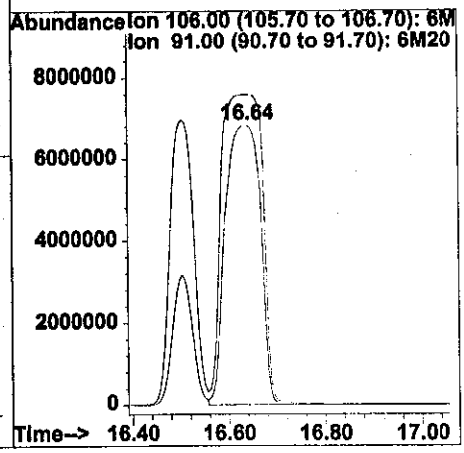


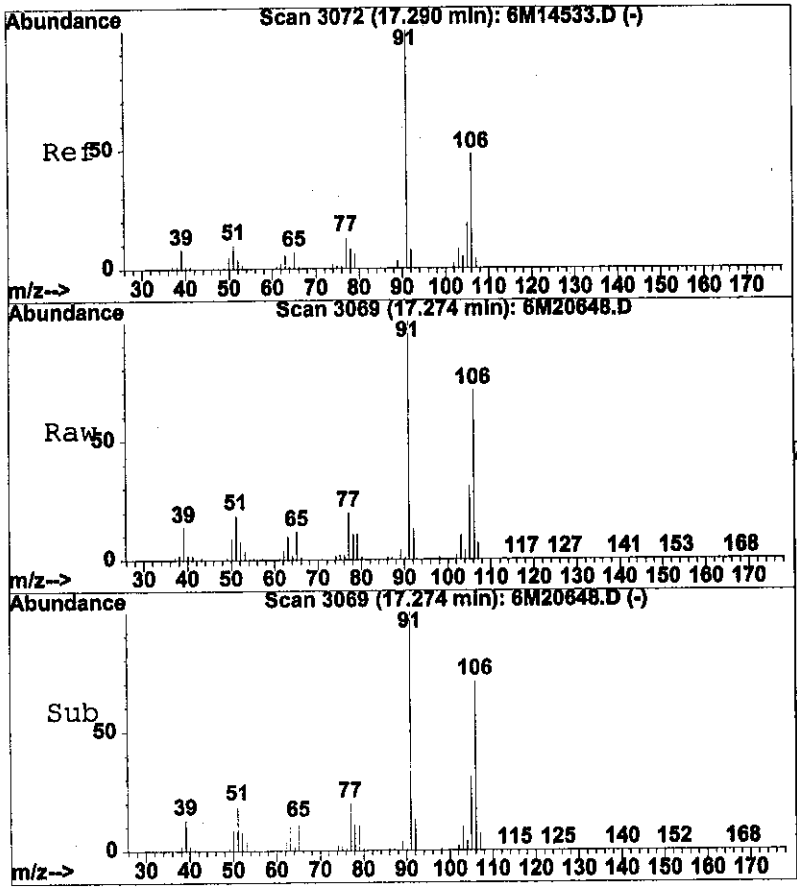


#59
m-,p-Xylene
Concen: 1912.96 ug/kg
RT: 16.64 min Scan# 2948
Delta R.T. 0.03 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:106 Resp:34029038

Ion	Ratio	Lower	Upper
106	100		
91	129.7	165.9	248.9#

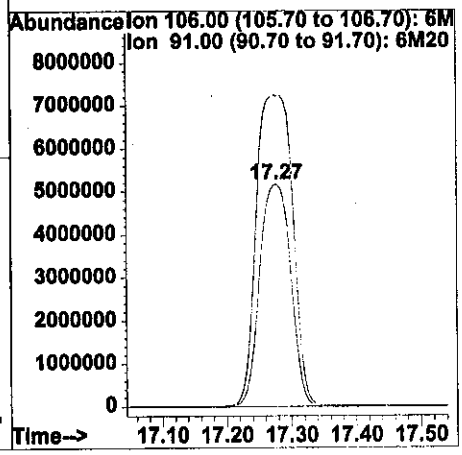


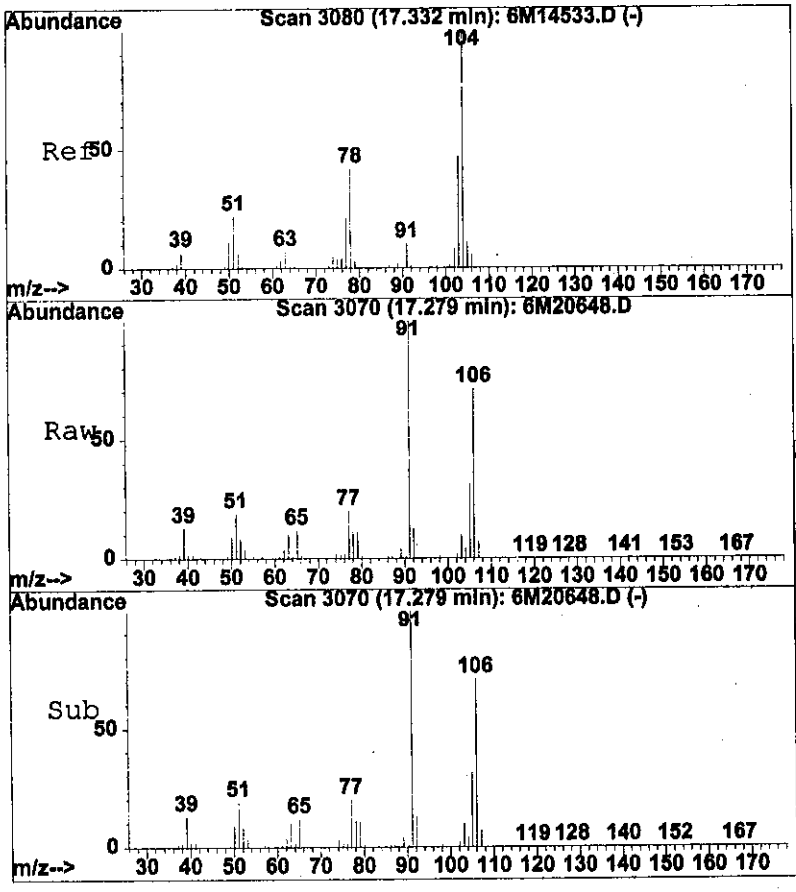


#60
o-Xylene
Concen: 1013.04 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. 0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:106 Resp:17232251

Ion	Ratio	Lower	Upper
106	100		
91	164.0	174.6	262.0#

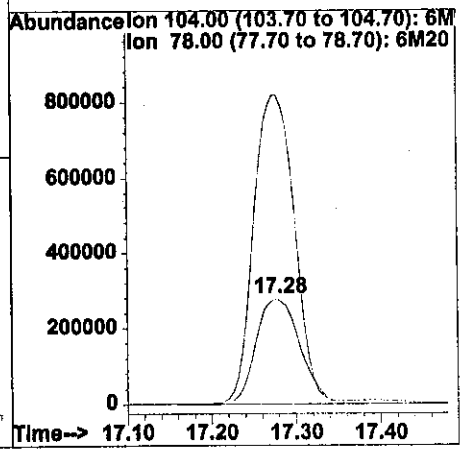


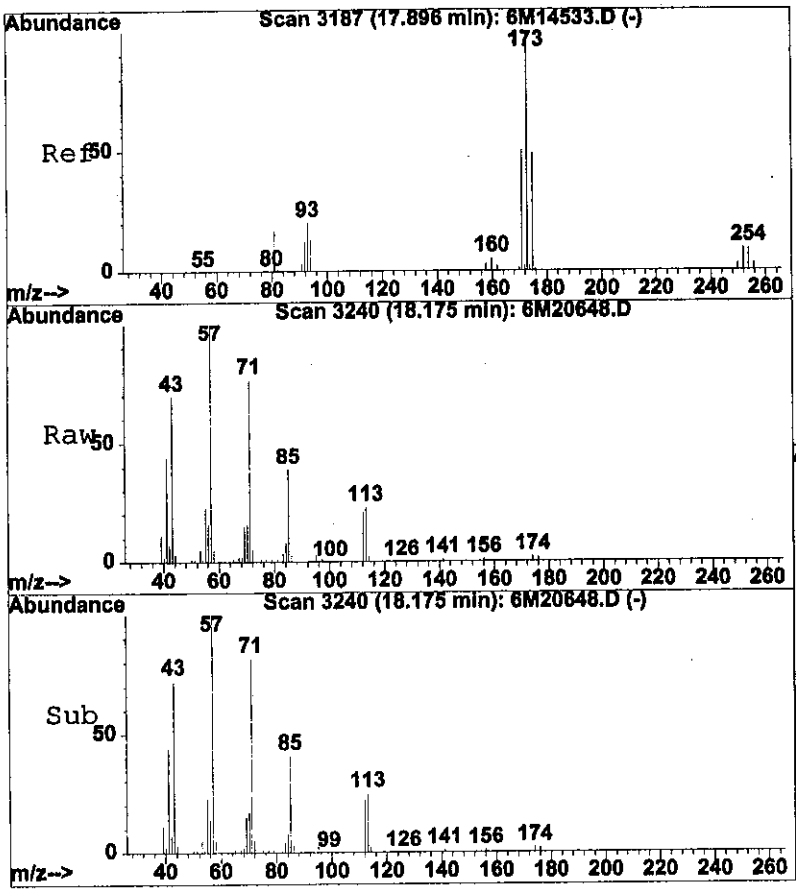


#61
Styrene
Concen: 35.02 ug/kg
RT: 17.28 min Scan# 3070
Delta R.T. -0.03 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:104 Resp: 1004957

Ion	Ratio	Lower	Upper
104	100		
78	273.4	43.7	65.5#

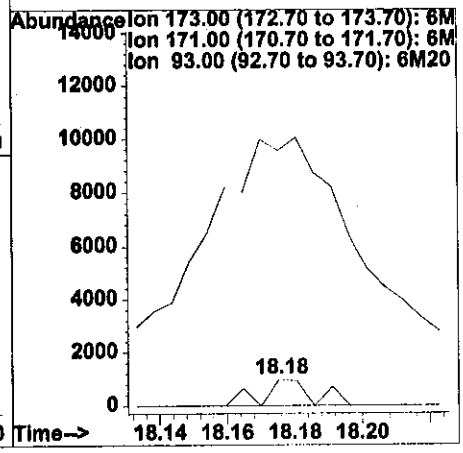


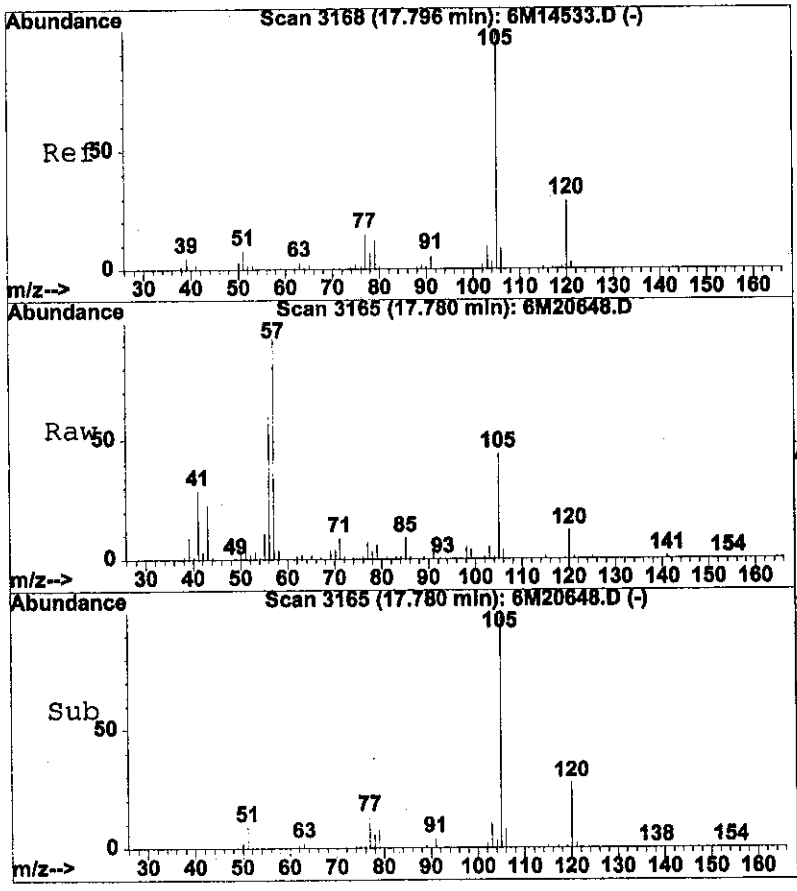


#62
Bromoform
Concen: 0.20 ug/kg
RT: 18.18 min Scan# 3240
Delta R.T. 0.31 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:173 Resp: 1033

Ion	Ratio	Lower	Upper
173	100		
171	0.0	41.2	61.8#
93	2780.6	19.1	28.7#

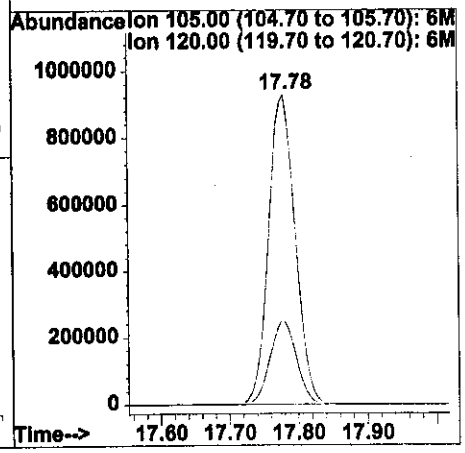


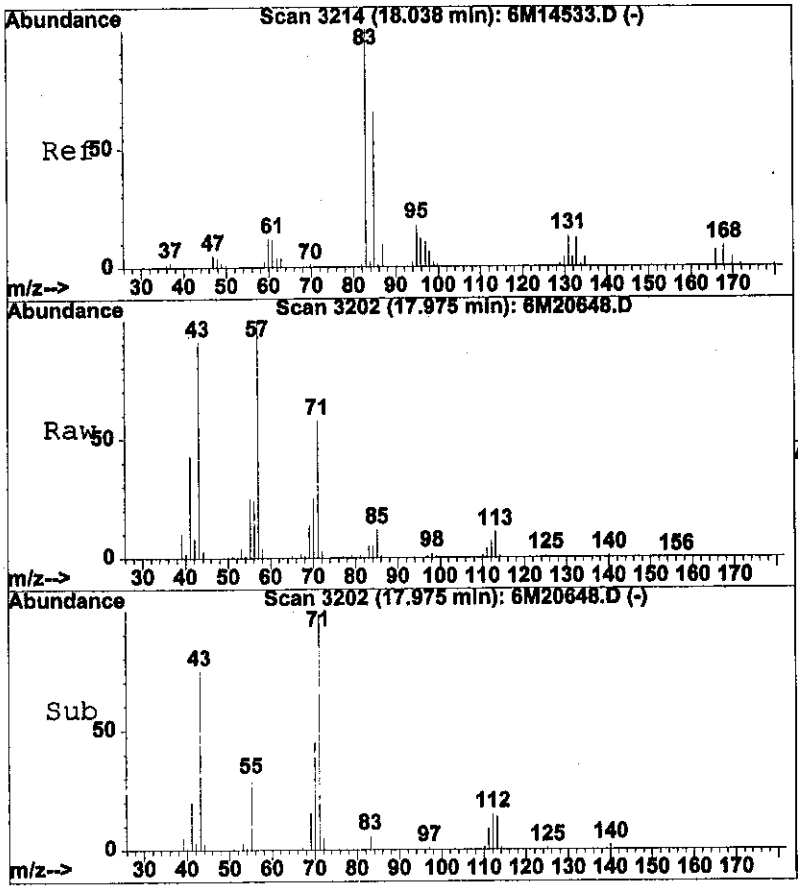


#63
Isopropylbenzene
Concen: 56.02 ug/kg
RT: 17.78 min Scan# 3165
Delta R.T. 0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:105 Resp: 2478798

Ion	Ratio	Lower	Upper
105	100		
120	26.7	21.3	31.9

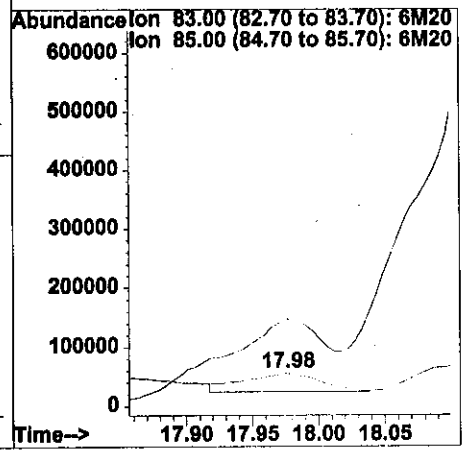


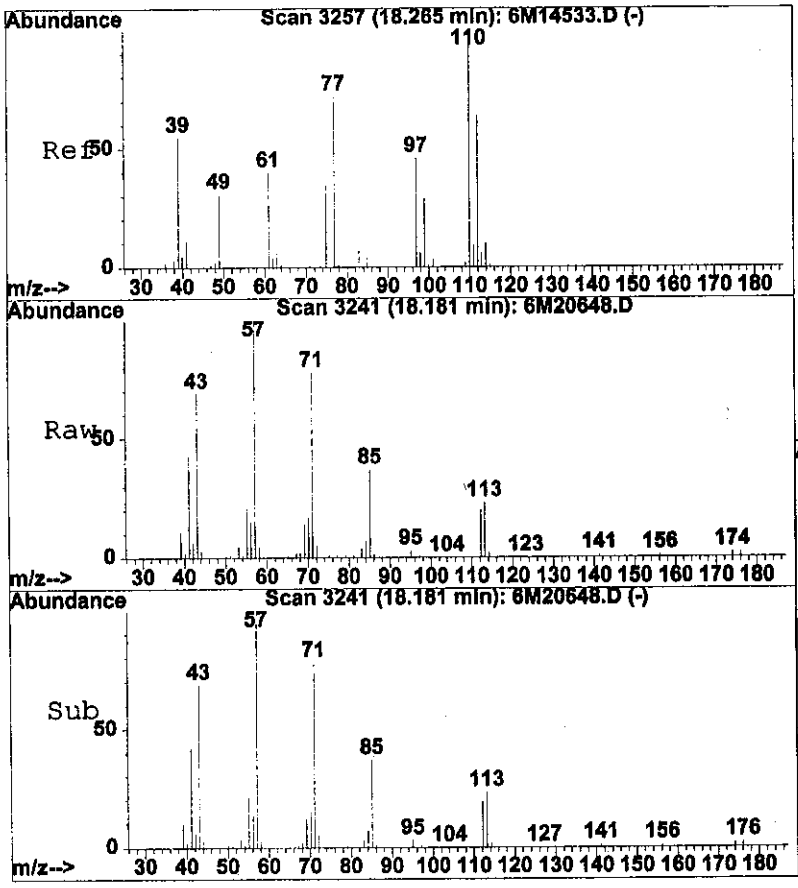


#65
1,1,2,2-Tetrachloroethane
Concen: 19.47 ug/kg
RT: 17.98 min Scan# 3202
Delta R.T. -0.04 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 83 Resp: 123674

Ion	Ratio	Lower	Upper
83	100		
85	624.1	51.0	76.4#

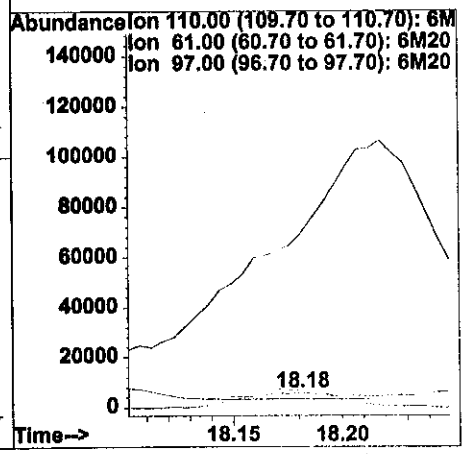


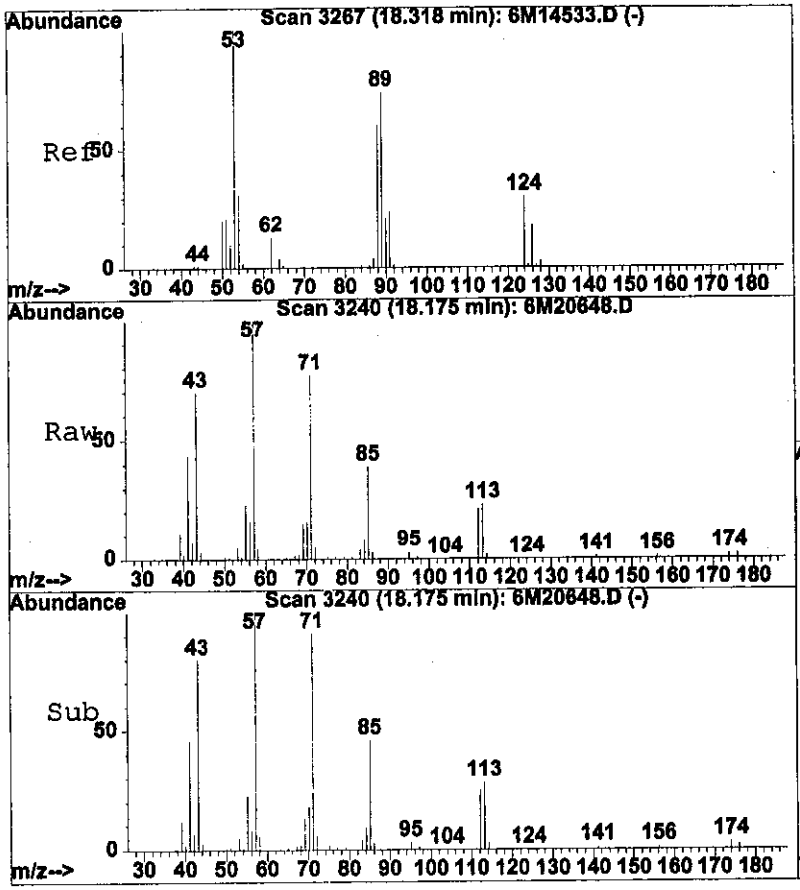


#67
1,2,3-Trichloropropane
Concen: 2.93 ug/kg
RT: 18.18 min Scan# 3241
Delta R.T. -0.05 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:110 Resp: 6316

Ion	Ratio	Lower	Upper
110	100		
61	327.0	47.3	70.9#
97	7013.6	39.7	59.5#

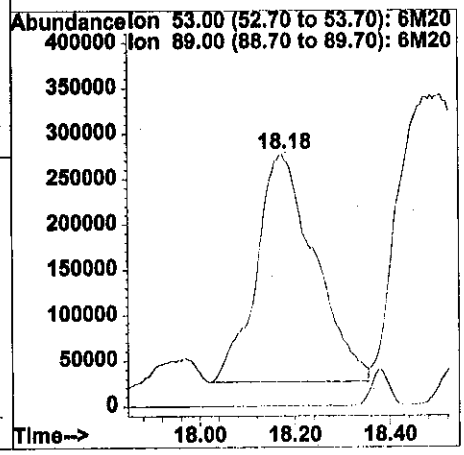


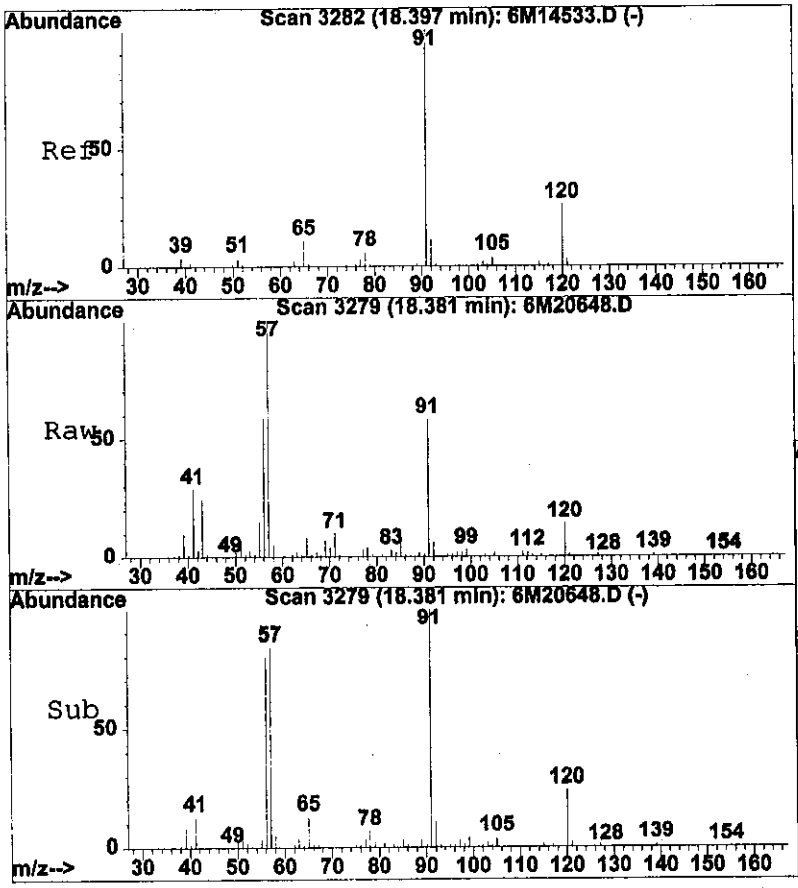


#68
trans-1,4-Dichloro-2-Butene
Concen: 817.14 ug/kg
RT: 18.18 min Scan# 3240
Delta R.T. -0.12 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 53 Resp: 2131327

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

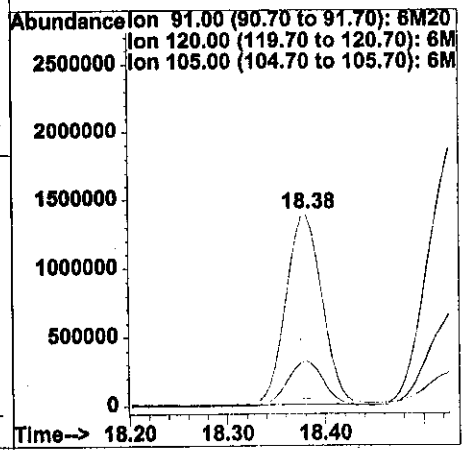


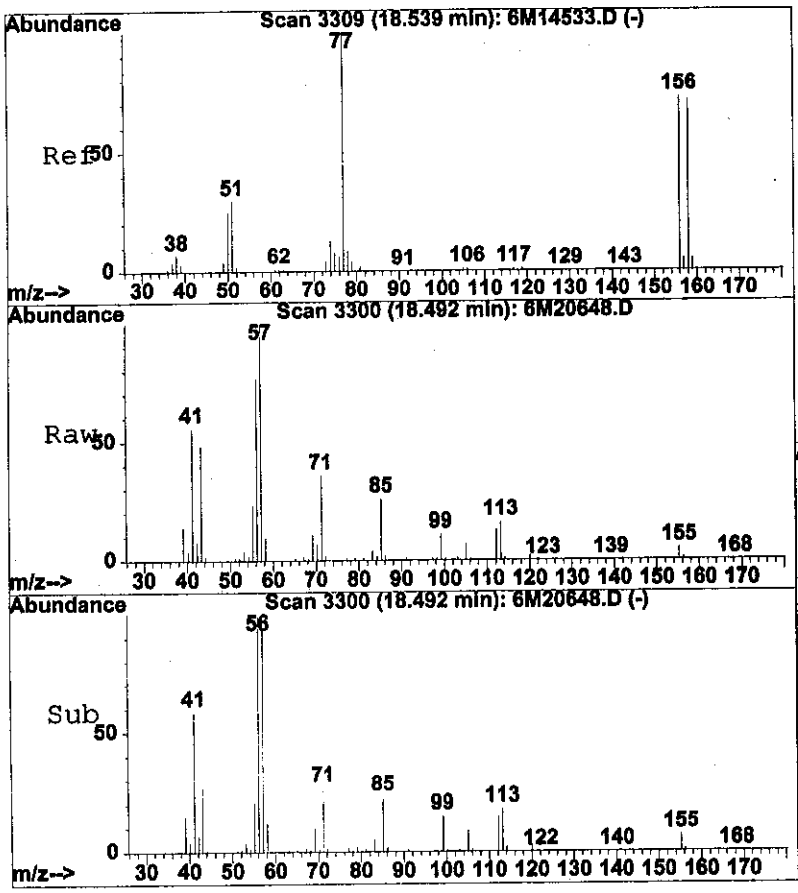


#69
n-Propylbenzene
Concen: 96.77 ug/kg
RT: 18.38 min Scan# 3279
Delta R.T. 0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 91 Resp: 3567025

Ion	Ratio	Lower	Upper
91	100		
120	23.4	17.6	26.4
105	0.0	2.8	4.2#

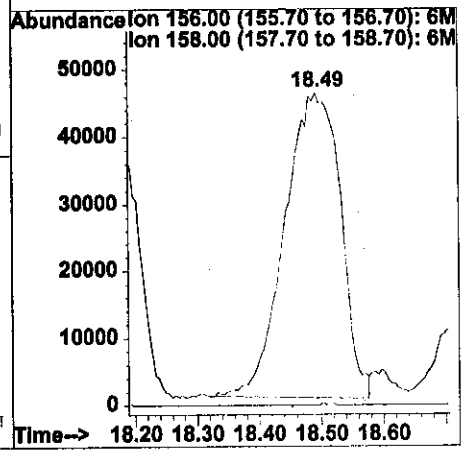


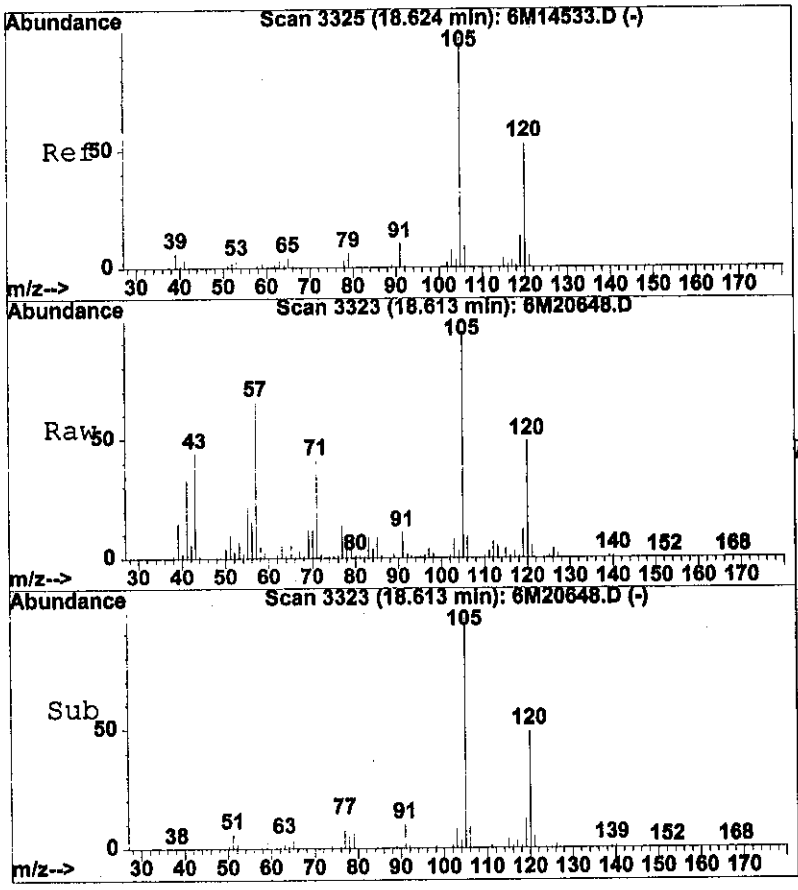


#70
Bromobenzene
Concen: 36.82 ug/kg
RT: 18.49 min Scan# 3300
Delta R.T. -0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:156 Resp: 283370

Ion	Ratio	Lower	Upper
156	100		
158	0.0	77.8	116.8#

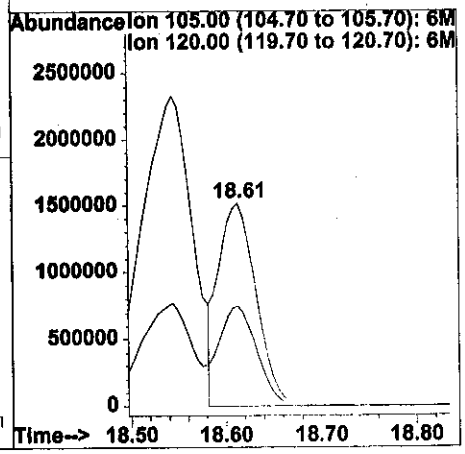


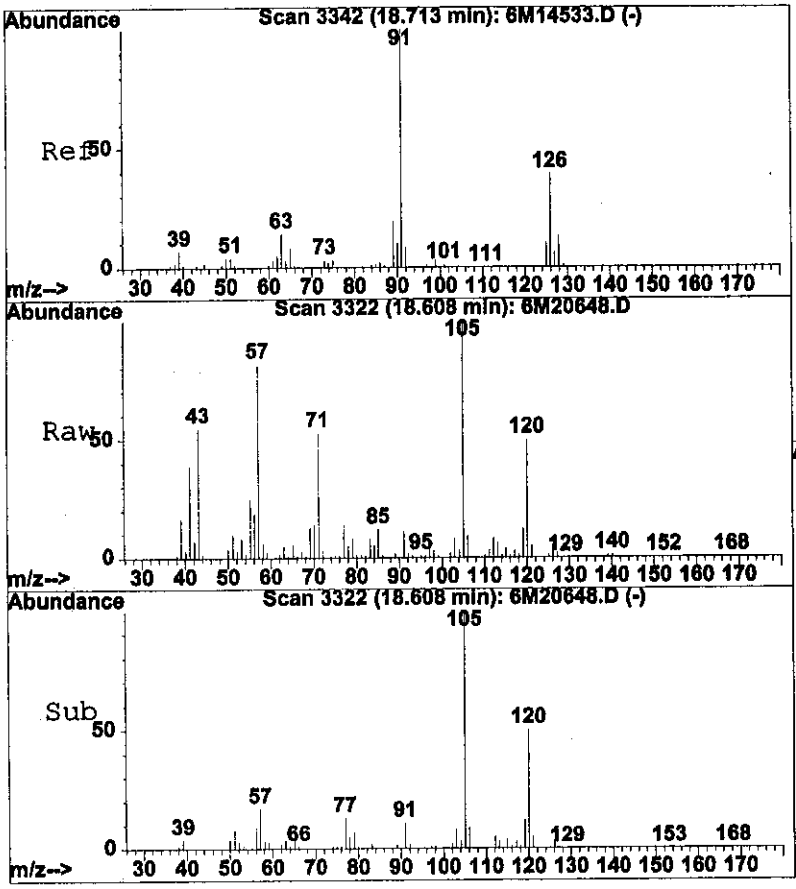


#71
1,3,5-Trimethylbenzene
Concen: 158.78 ug/kg
RT: 18.61 min Scan# 3323
Delta R.T. 0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:105 Resp: 4182481

Ion	Ratio	Lower	Upper
105	100		
120	51.2	38.2	57.4

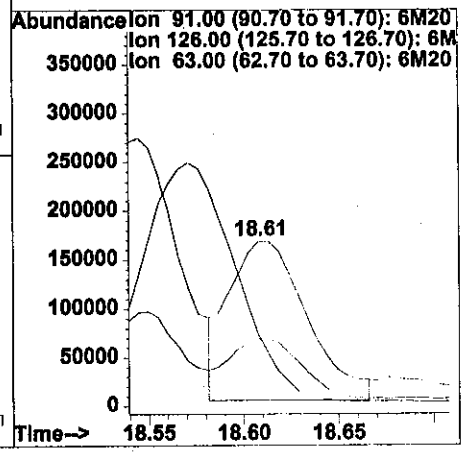


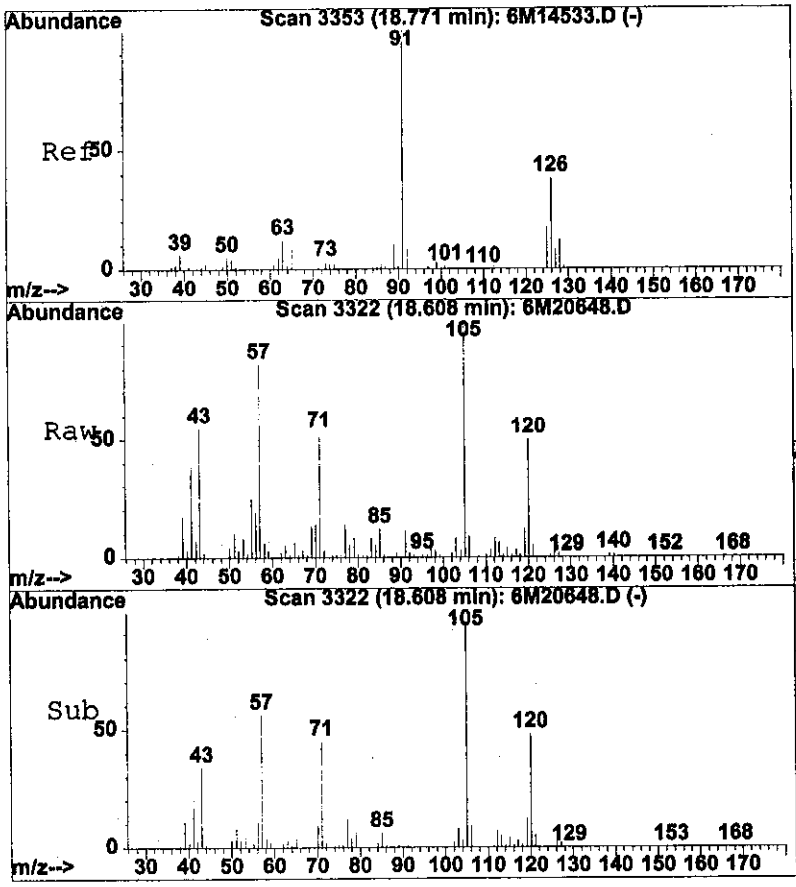


#72
2-Chlorotoluene
Concen: 20.08 ug/kg
RT: 18.61 min Scan# 3322
Delta R.T. -0.08 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 91 Resp: 468580

Ion	Ratio	Lower	Upper
91	100		
126	0.0	25.4	38.0#
63	41.3	10.2	15.4#

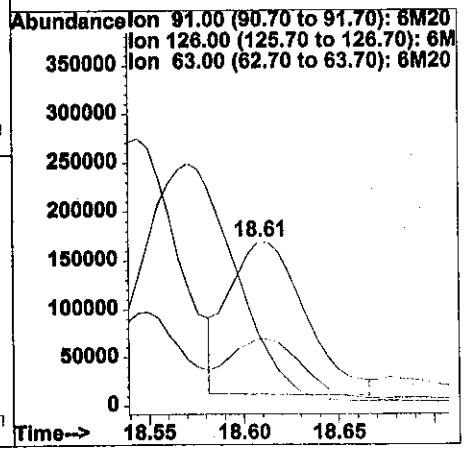


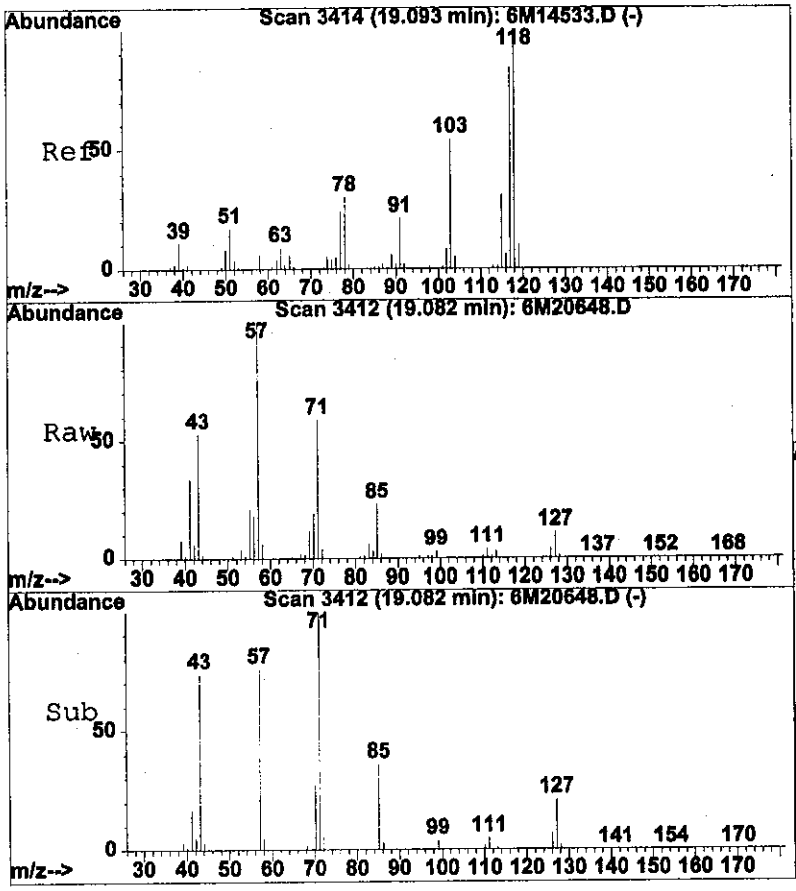


#73
4-Chlorotoluene
Concen: 18.74 ug/kg
RT: 18.61 min Scan# 3322
Delta R.T. -0.14 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 91 Resp: 442552

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.3	36.5#
63	41.1	9.8	14.8#

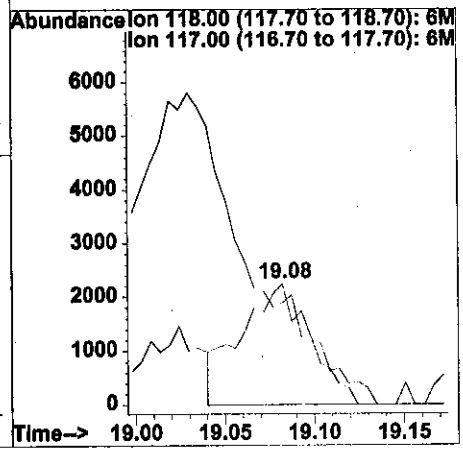


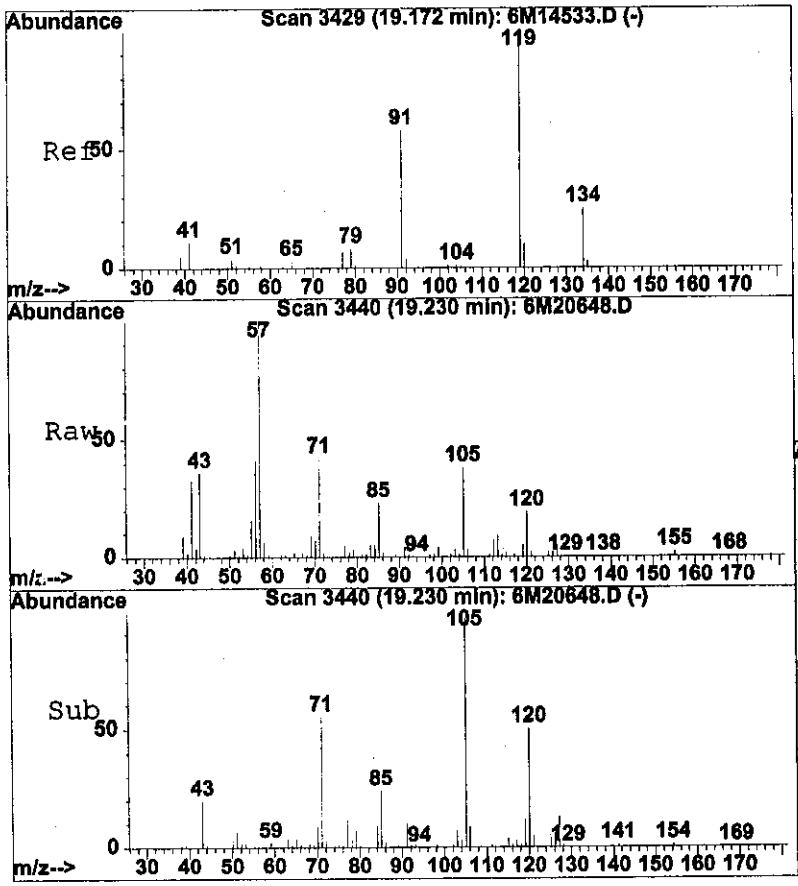


#74
a-Methylstyrene
Concen: 0.46 ug/kg
RT: 19.08 min Scan# 3412
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:118 Resp: 6032

Ion	Ratio	Lower	Upper
118	100		
117	0.0	67.6	101.4#

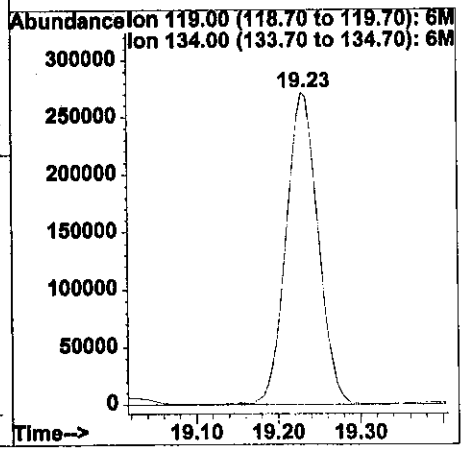


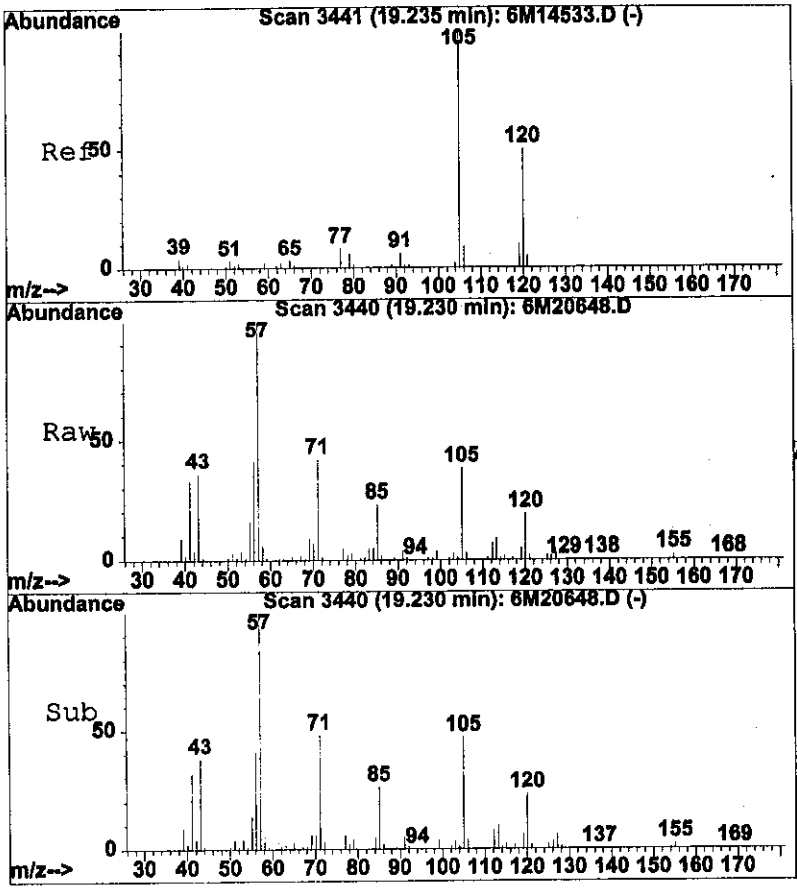


#75
tert-Butylbenzene
Concen: 30.66 ug/kg
RT: 19.23 min Scan# 3440
Delta R.T. 0.09 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:119 Resp: 733029

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

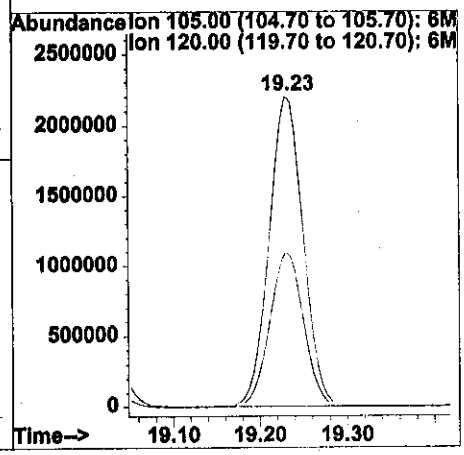


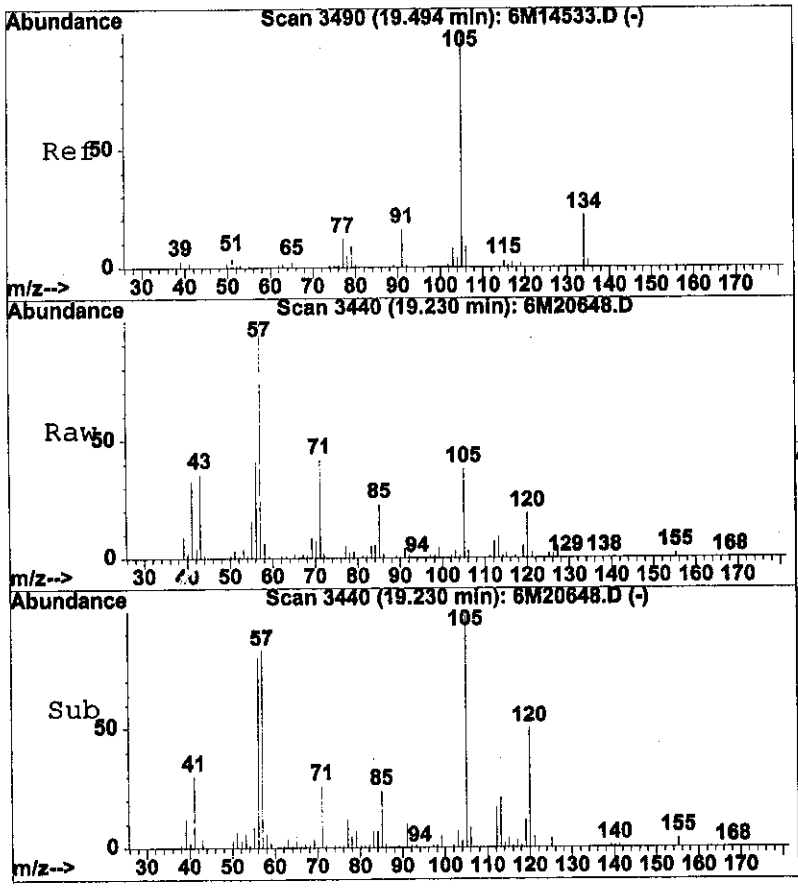


#76
1,2,4-Trimethylbenzene
Concen: 217.58 ug/kg
RT: 19.23 min Scan# 3440
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:105 Resp: 5963884

Ion	Ratio	Lower	Upper
105	100		
120	49.4	35.9	53.9

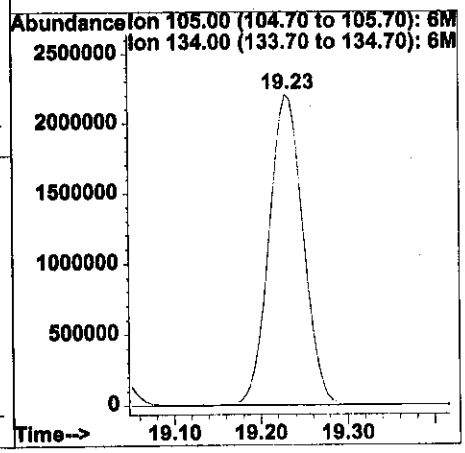


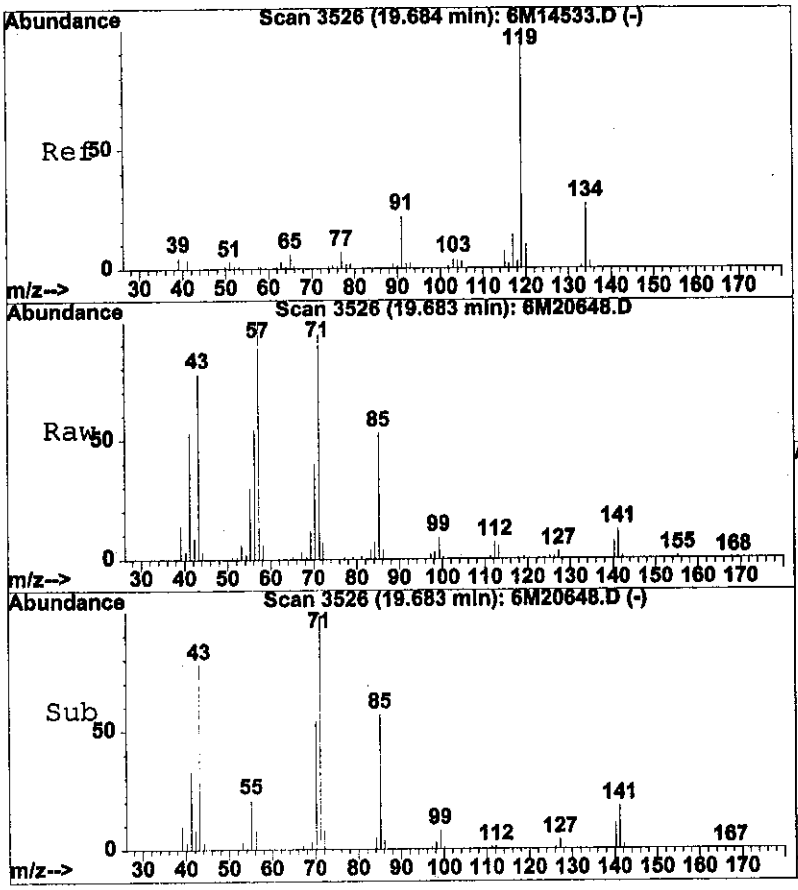


#77
sec-Butylbenzene
Concen: 175.45 ug/kg
RT: 19.23 min Scan# 3440
Delta R.T. -0.24 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:105 Resp: 5963884

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.8	23.6#

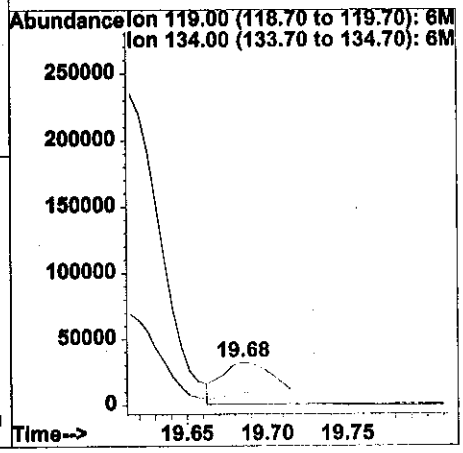


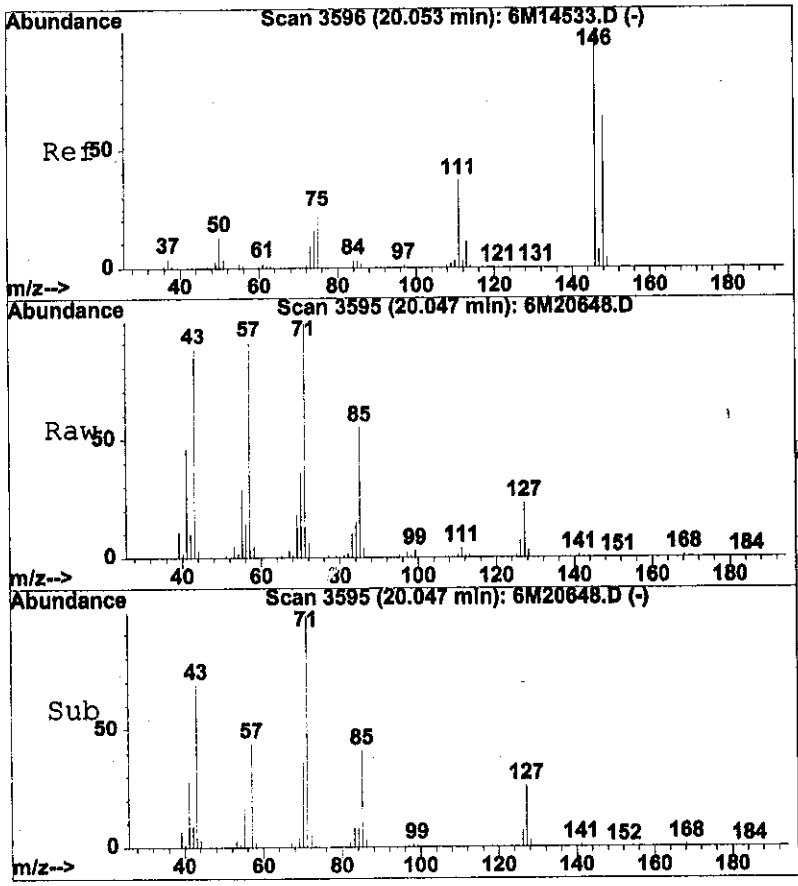


#78
p-Isopropyltoluene
Concen: 2.74 ug/kg
RT: 19.68 min Scan# 3526
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:119 Resp: 80099

Ion	Ratio	Lower	Upper
119	100		
134	29.5	21.4	32.2

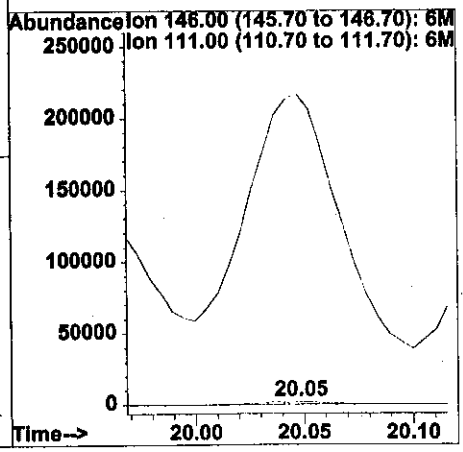


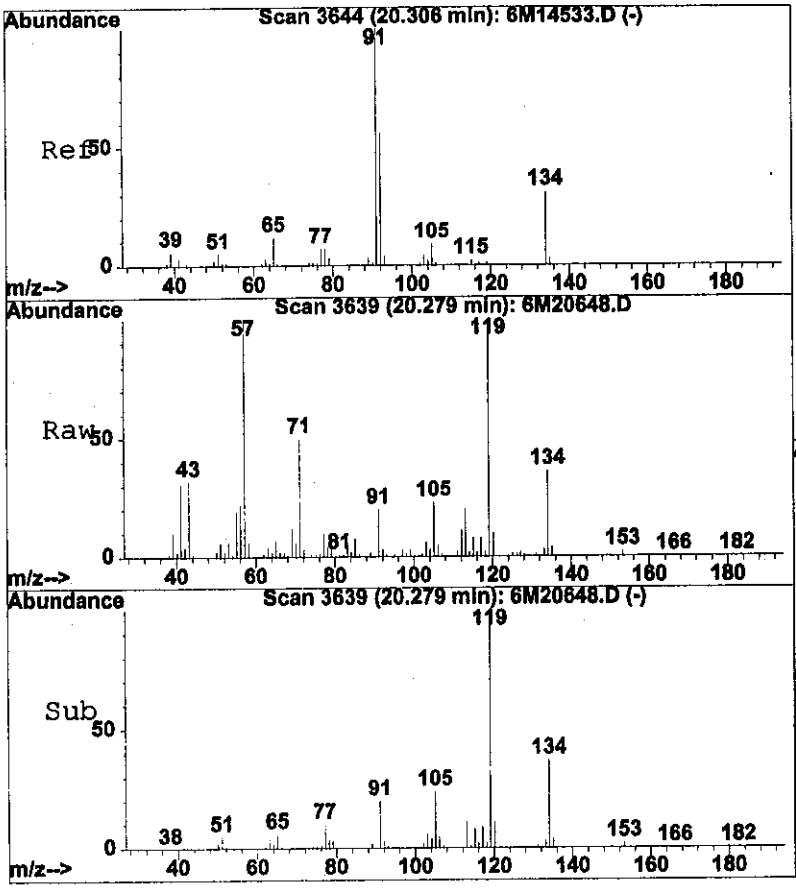


#80
1,4-Dichlorobenzene
Concen: 0.22 ug/kg
RT: 20.05 min Scan# 3595
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:146 Resp: 3613

Ion	Ratio	Lower	Upper
146	100		
111	14125.8	32.3	48.5#

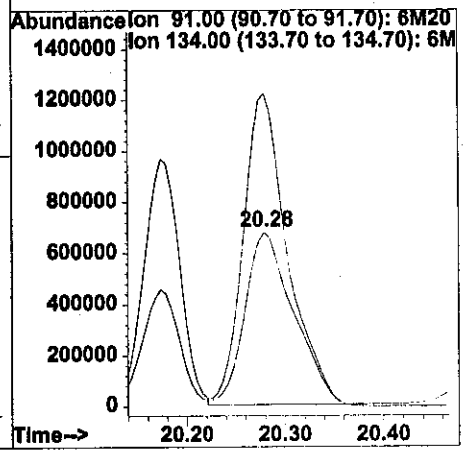


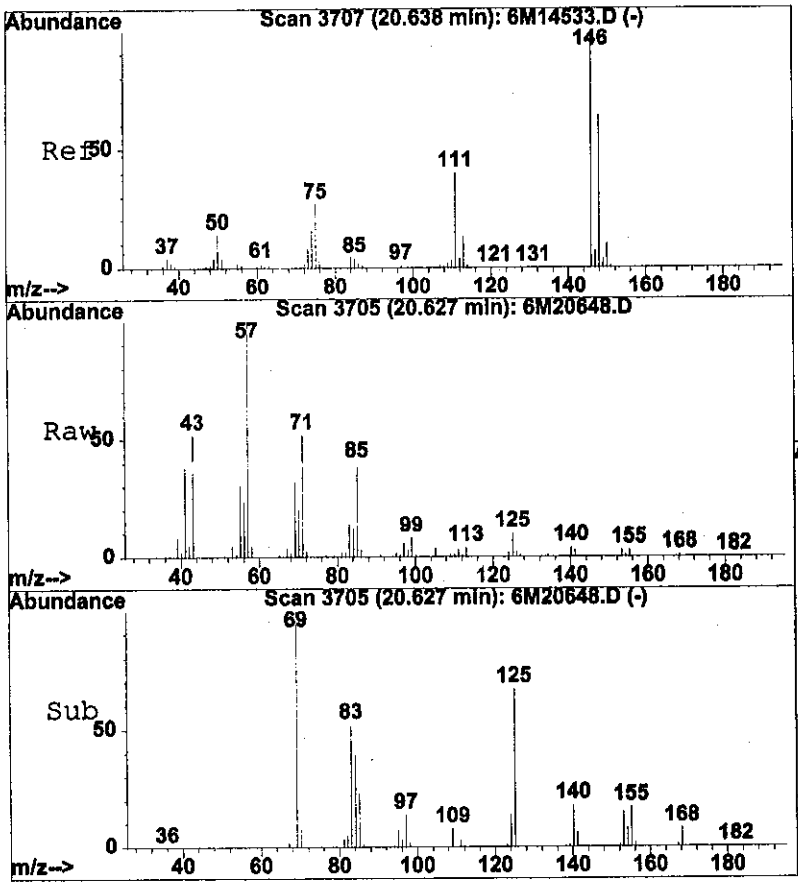


#81
n-Butylbenzene
Concen: 83.93 ug/kg
RT: 20.28 min Scan# 3639
Delta R.T. -0.00 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion: 91 Resp: 2331760

Ion	Ratio	Lower	Upper
91	100		
134	165.7	19.5	29.3#

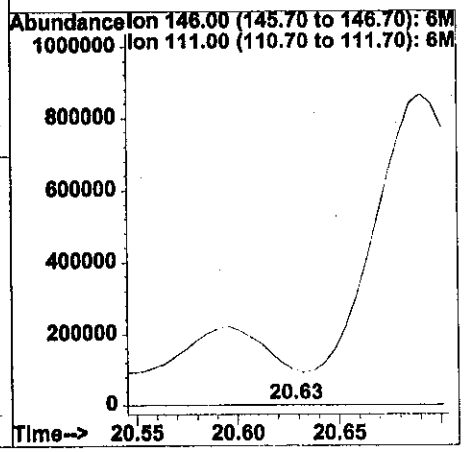


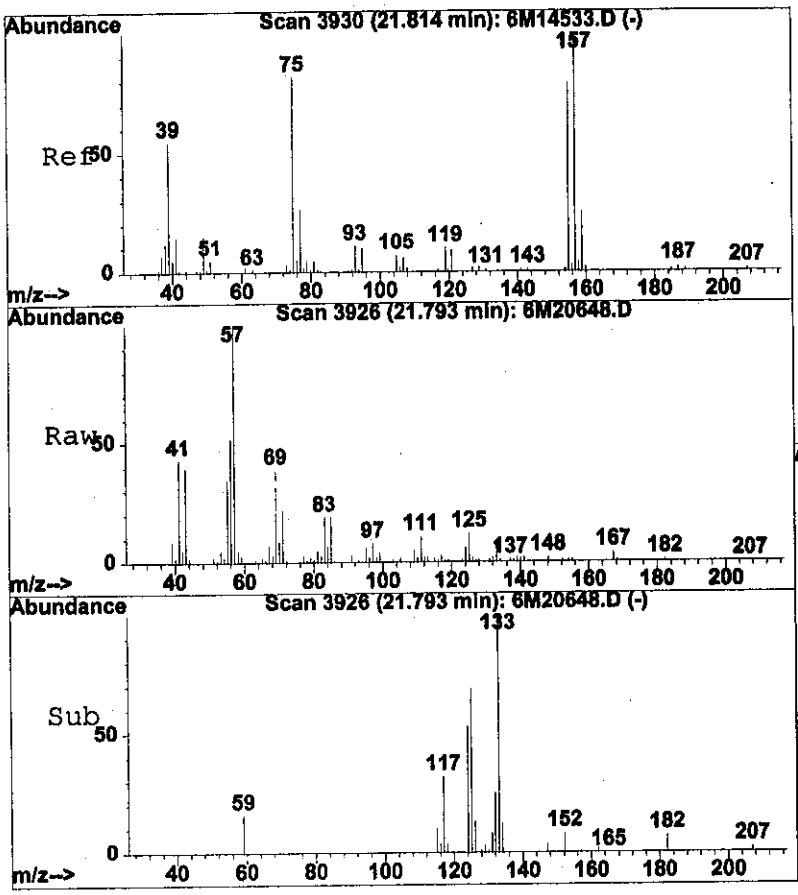


#82
1,2-Dichlorobenzene
Concen: 0.22 ug/kg
RT: 20.63 min Scan# 3705
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:146 Resp: 3264

Ion	Ratio	Lower	Upper
146	100		
111	0.0	33.9	50.9#

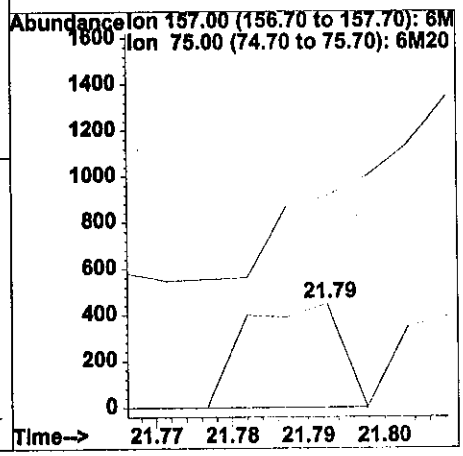


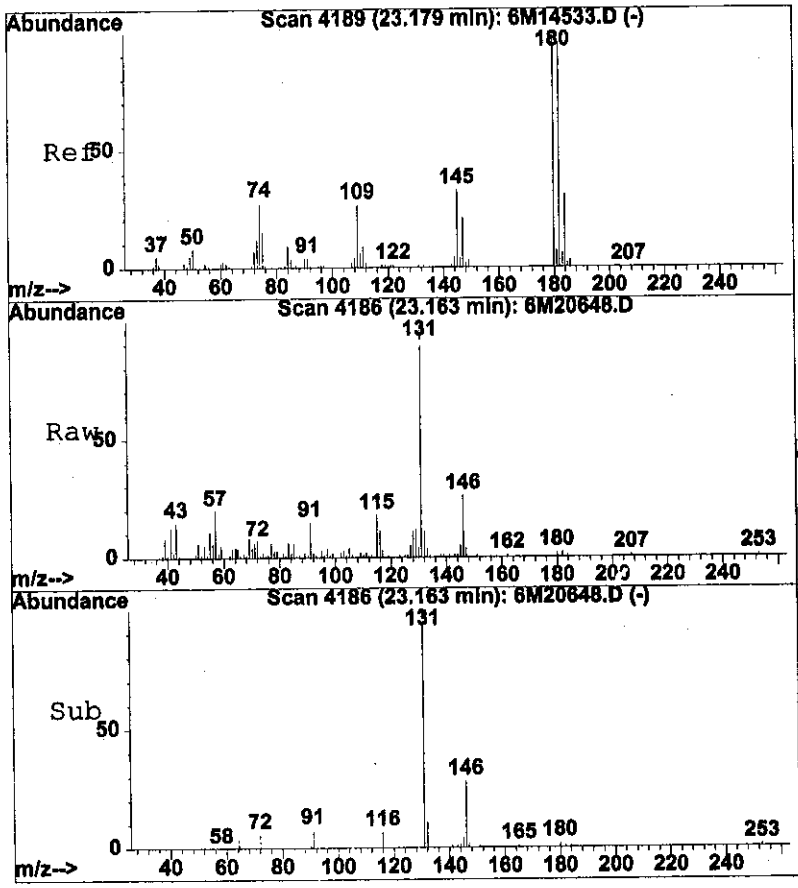


#83
1,2-Dibromo-3-Chloropropane
Concen: 0.24 ug/kg
RT: 21.79 min Scan# 3926
Delta R.T. 0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:157 Resp: 390

Ion	Ratio	Lower	Upper
157	100		
75	0.0	81.6	122.4#

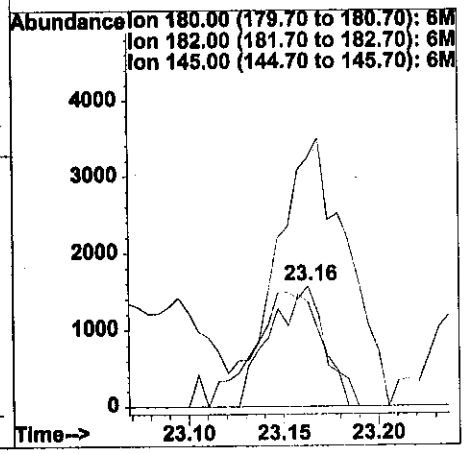


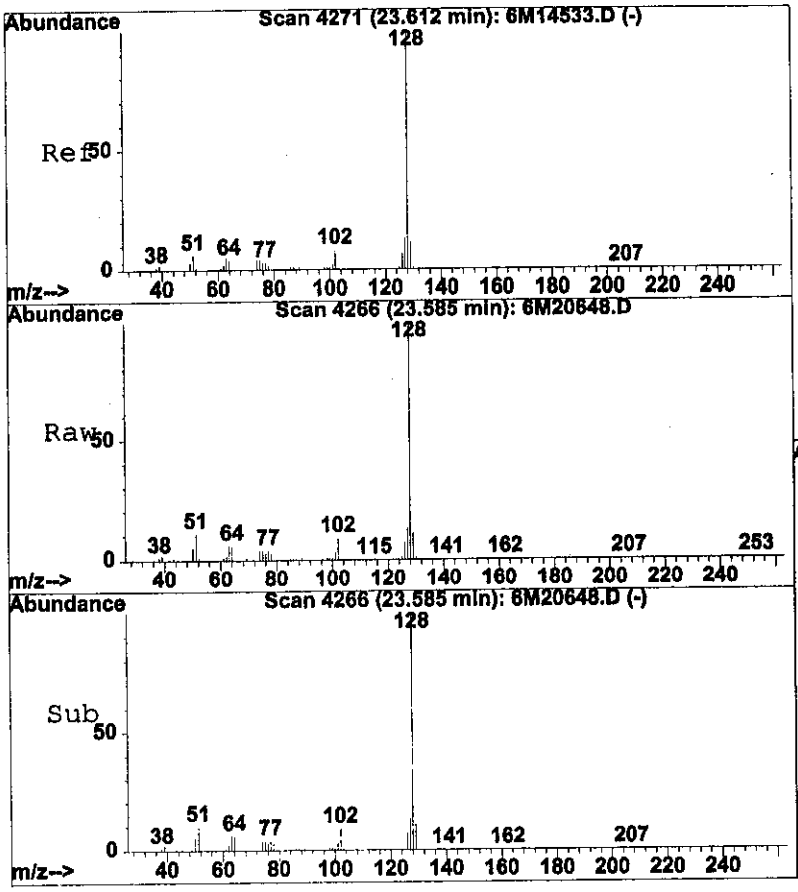


#84
1,2,4-Trichlorobenzene
Concen: 0.39 ug/kg
RT: 23.16 min Scan# 4186
Delta R.T. 0.02 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:180 Resp: 3833

Ion	Ratio	Lower	Upper
180	100		
182	77.5	76.6	115.0
145	234.4	25.7	38.5#

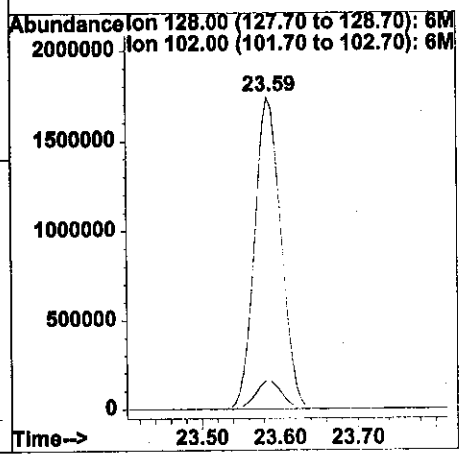


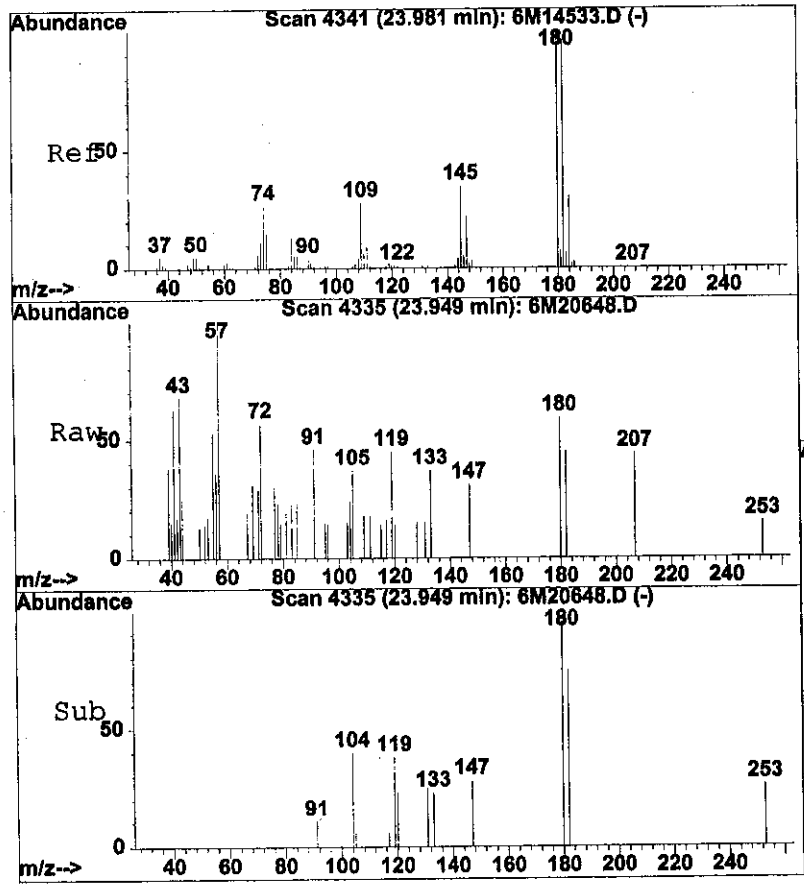


#86
Naphthalene
Concen: 168.84 ug/kg
RT: 23.59 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:128 Resp: 4117461

Ion	Ratio	Lower	Upper
128	100		
102	9.0	7.2	10.8

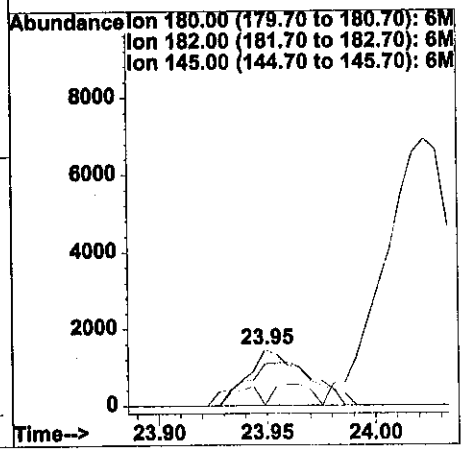




#87
1,2,3-Trichlorobenzene
Concen: 0.29 ug/kg
RT: 23.95 min Scan# 4335
Delta R.T. -0.01 min
Lab File: 6M20648.D
Acq: 19 Jun 2000 13:30

Tgt Ion:180 Resp: 2720

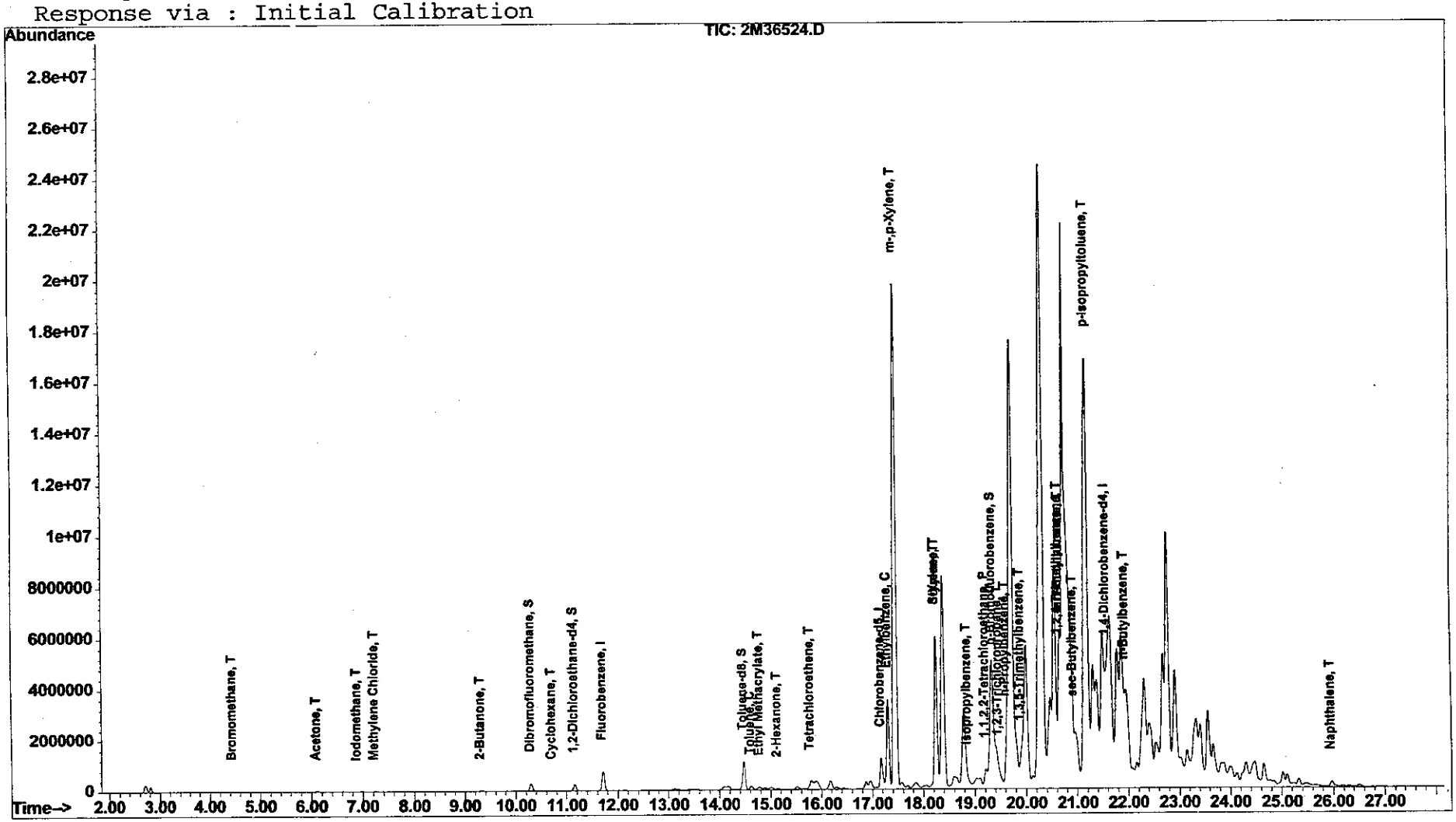
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.7	115.1
145	22.6	26.9	40.3#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36524.D Vial: 12
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-01 90X IT CORP 826-SPE-VO 5.6G/ Inst : HPMS2
Misc : SOLID,90 (1ML/50ML) 398-PPG-TANK Multiplr: ~~1.00~~ 90
MS Integration Params: rteint.p
Quant Time: Jun 19 17:14 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36524.D Vial: 12
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-01 90X IT CORP 826-SPE-VO 5.6G/ Inst : HPMS2
Misc : SOLID,90 (1ML/50ML) 398-PPG-TANK Multiplr: 90.00
MS Integration Params: rteint.p
Quant Time: Jun 19 17:14 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.72	96	1336303	25.00 UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1154312	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	512437	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	351047	26.01 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 104.04%		
33) 1,2-Dichloroethane-d4	11.15	65	290049	25.01 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 100.04%		
45) Toluene-d8	14.48	98	1430779	24.30 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.20%		
66) p-Bromofluorobenzene	19.35	95	540208	25.31 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 101.24%		
Target Compounds					Qvalue
5) Bromomethane	4.43	94	4387	67.26 UG/L #	30
11) Acetone	6.10	43	11990	810.64 UG/L #	82
14) Iodomethane	6.90	142	3700	29.94 UG/L #	37
15) Methylene Chloride	7.23	84	4862	33.74 UG/L	98
23) 2-Butanone	9.31	43	42892	1321.61 UG/L #J	91
30) Cyclohexane	10.71	56	4260	15.15 UG/L #J	45
46) Toluene	14.61	91	177171	200.50 ug/L J	97
47) Ethyl Methacrylate	14.78	69	35810	191.24 UG/L #	56
50) 2-Hexanone	15.13	43	20265	298.64 UG/L #	52
52) Tetrachloroethene	15.78	164	5205	34.06 UG/L #	80
58) Ethylbenzene	17.30	106	1488183	5354.11 UG/L	97
59) m-,p-Xylene	17.44	106	13590677	40628.25 UG/L J	90
60) o-Xylene	18.24	106	3335401	9930.30 UG/L	97
61) Styrene	18.24	104	170704	295.50 UG/L #	1
63) Isopropylbenzene	18.87	105	338396	398.11 ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.22	83	19749	143.49 UG/L #	1
67) 1,2,3-Trichloropropane	19.47	110	7779	266.89 UG/L #	19
69) n-Propylbenzene	19.60	91	511180	485.67 UG/L	100
71) 1,3,5-Trimethylbenzene	19.89	105	630328	978.08 UG/L	97
75) tert-Butylbenzene	20.64	119	131882	217.90 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	1109698	1721.87 UG/L	95
77) sec-Butylbenzene	20.94	105	41852	55.00 UG/L	98
78) p-Isopropyltoluene	21.18	119	25942	42.56 UG/L	96
81) n-Butylbenzene	21.92	91	417748	709.11 UG/L #	1
86) Naphthalene	25.97	128	204728	881.65 UG/L	99

(#) = qualifier out of range (m) = manual integration

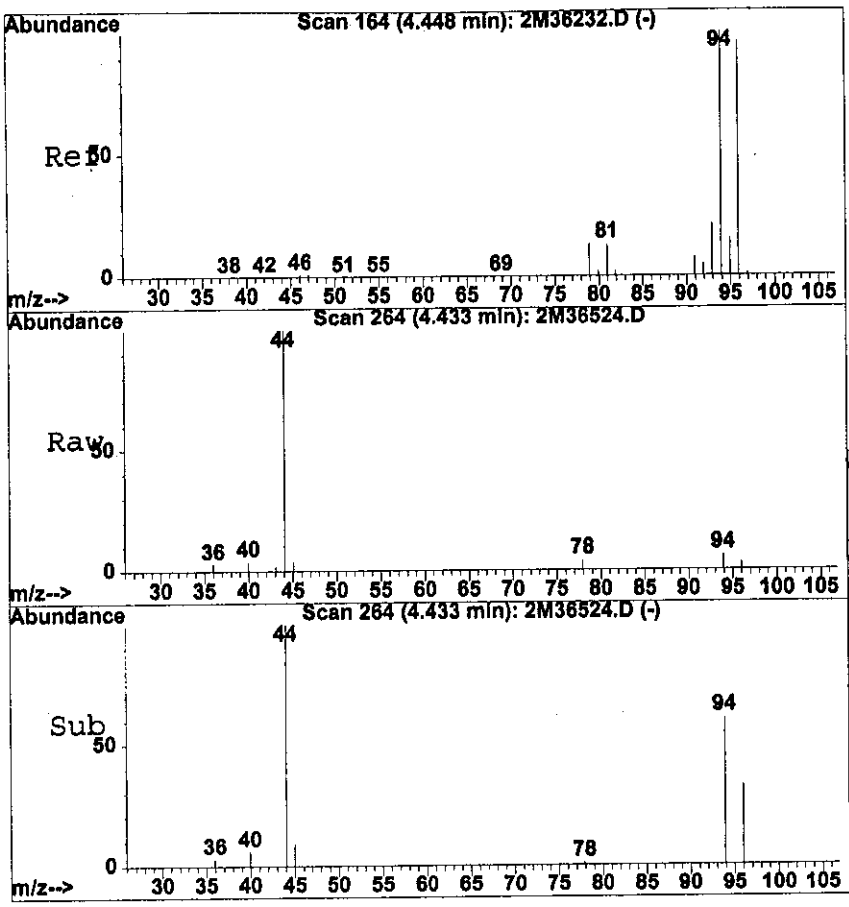
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36524.D Vial: 12
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-01 90X IT CORP 826-SPE-VO 5.6G/ Inst : HPMS2
Misc : SOLID,90 (1ML/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 17:14 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.72	96	1336303	25.00 UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1154312	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	512437	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	351047	26.01 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery =	104.04%	
33) 1,2-Dichloroethane-d4	11.15	65	290049	25.01 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery =	100.04%	
45) Toluene-d8	14.48	98	1430779	24.30 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery =	97.20%	
66) p-Bromofluorobenzene	19.35	95	540208	25.31 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery =	101.24%	
Target Compounds					Qvalue
5) Bromomethane	4.43	94	4387	0.75 UG/L #	30
11) Acetone	6.10	43	11990	9.01 UG/L #	82
14) Iodomethane	6.90	142	3700	0.33 UG/L #	37
15) Methylene Chloride	7.23	84	4862	0.37 UG/L	98
23) 2-Butanone	9.31	43	42892	14.68 UG/L # BDL	91J
30) Cyclohexane	10.71	56	4260	0.17 UG/L #	45
46) Toluene	14.61	91	177171	2.23 ug/L J	97
47) Ethyl Methacrylate	14.78	69	35810	2.12 UG/L #	56
50) 2-Hexanone	15.13	43	20265	3.32 UG/L #	52
52) Tetrachloroethene	15.78	164	5205	0.38 UG/L #	80
58) Ethylbenzene	17.30	106	1488183	59.49 UG/L	97
59) m-,p-Xylene	17.44	106	13590677	451.43 UG/L E	90
60) o-Xylene	18.24	106	3335401	110.34 UG/L	97
61) Styrene	18.24	104	170704	3.28 UG/L #	1
63) Isopropylbenzene	18.87	105	338396	4.42 ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.22	83	19749	1.59 UG/L #	1
67) 1,2,3-Trichloropropane	19.47	110	7779	2.97 UG/L #	19
69) n-Propylbenzene	19.60	91	511180	5.40 UG/L	100
71) 1,3,5-Trimethylbenzene	19.89	105	630328	10.87 UG/L	97
75) tert-Butylbenzene	20.64	119	131882	2.42 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	1109698	19.13 UG/L	95
77) sec-Butylbenzene	20.94	105	41852	0.61 UG/L	98
78) p-Isopropyltoluene	21.18	119	25942	0.47 UG/L	96
81) n-Butylbenzene	21.92	91	417748	7.88 UG/L #	1
86) Naphthalene	25.97	128	204728	9.80 UG/L	99

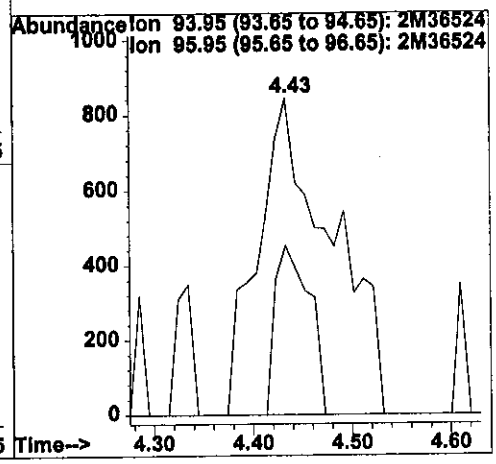
(#) = qualifier out of range (m) = manual integration

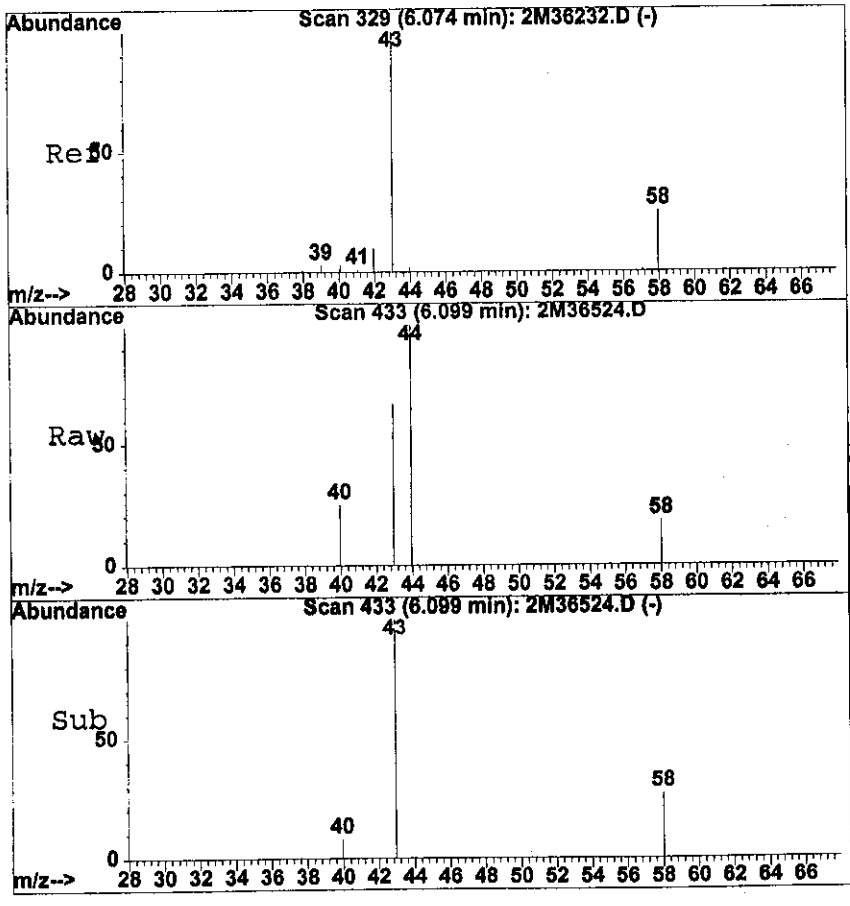


#5
Bromomethane
Concen: 67.26 UG/L
RT: 4.43 min Scan# 264
Delta R.T. -0.07 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 94 Resp: 4387

Ion	Ratio	Lower	Upper
94	100		
96	25.0	73.7	110.5#

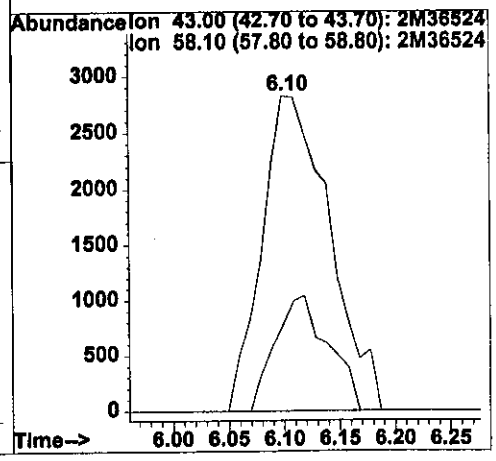


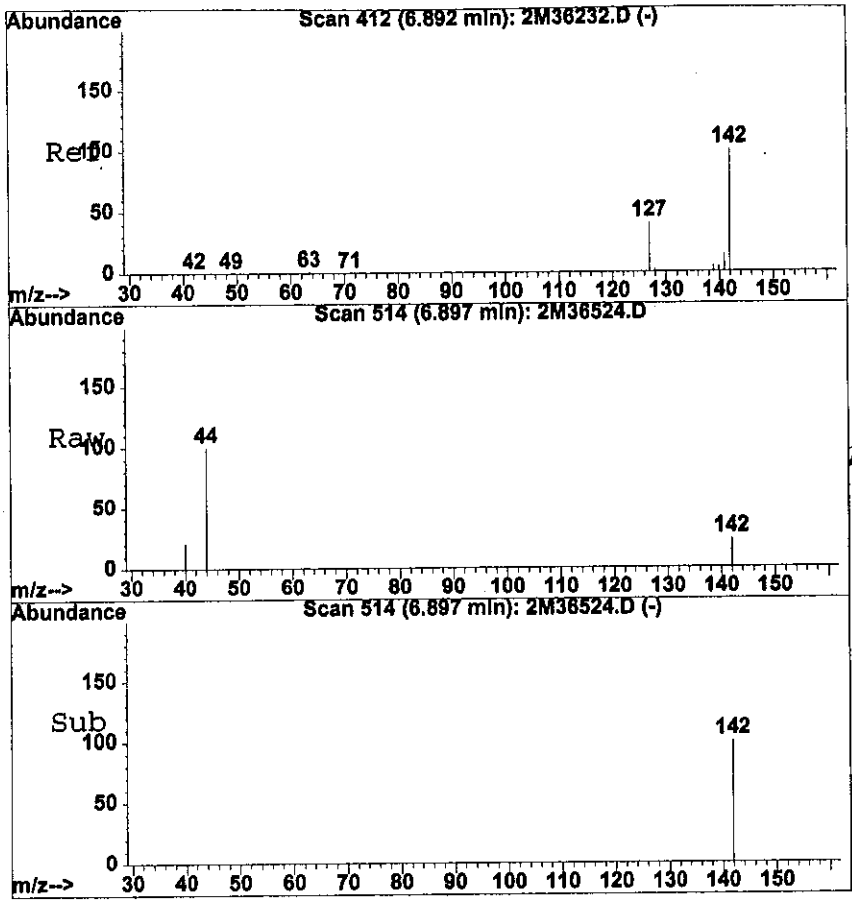


#11
Acetone
Concen: 810.64 UG/L
RT: 6.10 min Scan# 433
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 11990

Ion	Ratio	Lower	Upper
43	100		
58	28.9	16.3	24.5#

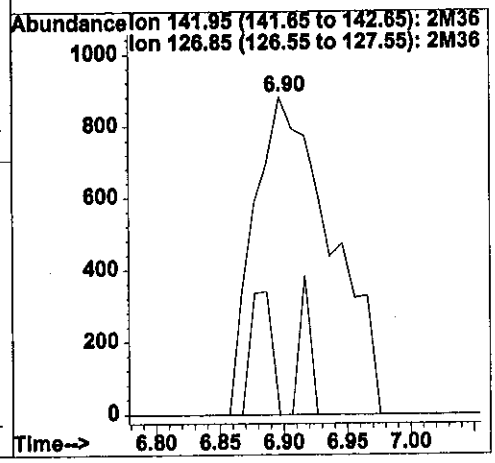


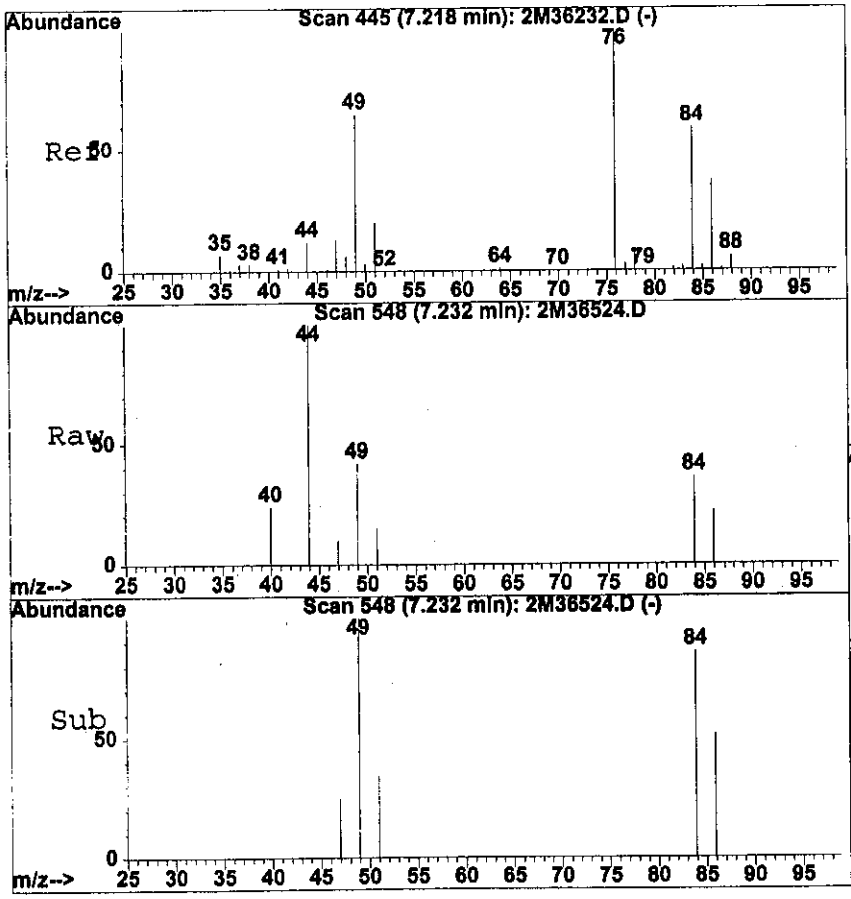


#14
Iodomethane
Concen: 29.94 UG/L
RT: 6.90 min Scan# 514
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:142 Resp: 3700

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.4	45.6#

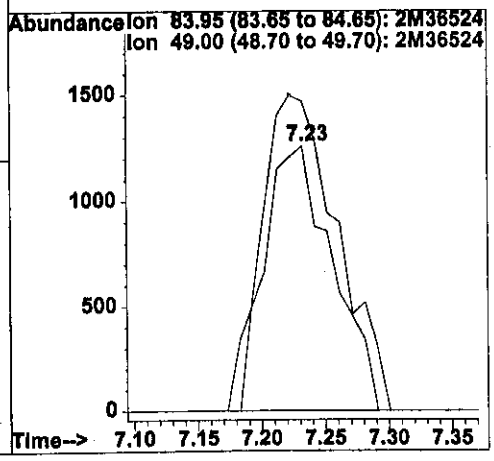


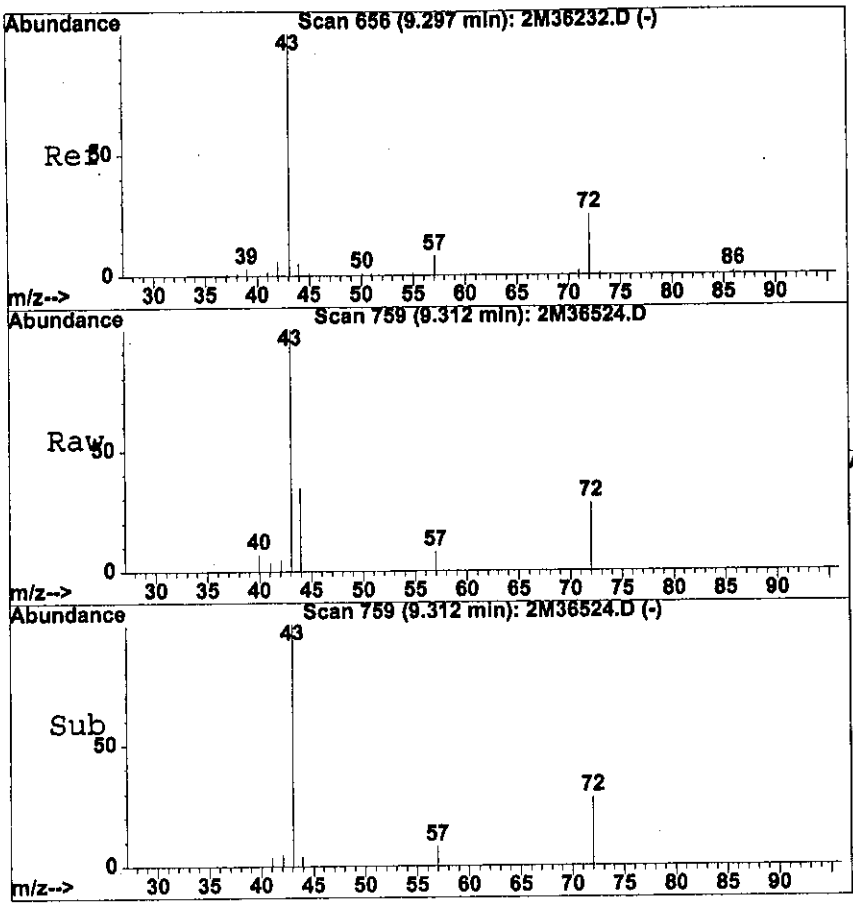


#15
Methylene Chloride
Concen: 33.74 UG/L
RT: 7.23 min Scan# 548
Delta R.T. -0.03 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 84 Resp: 4862

Ion	Ratio	Lower	Upper
84	100		
49	125.2	102.2	153.4

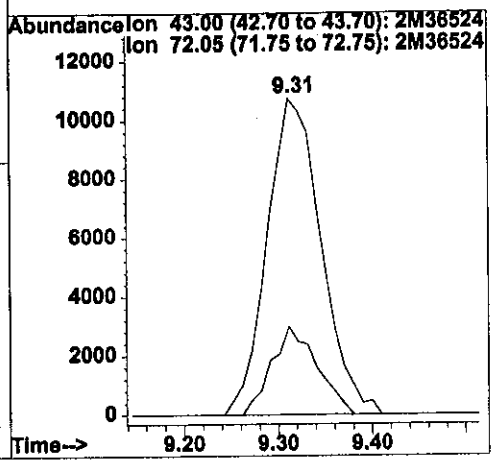


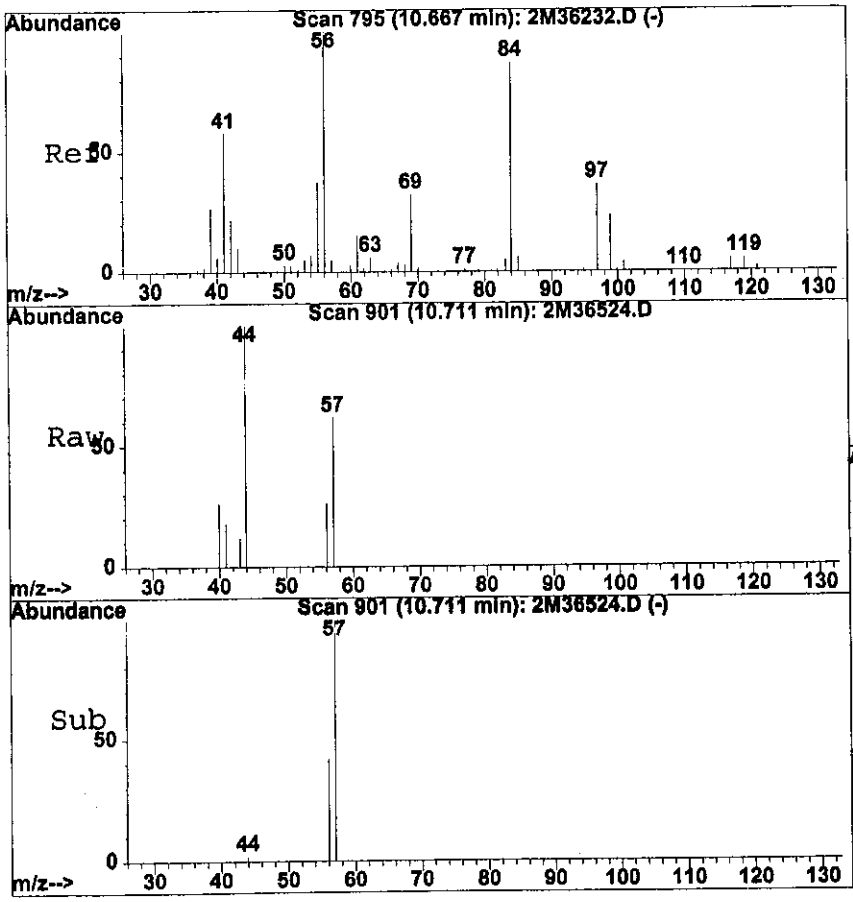


#23
2-Butanone
Concen: 1321.61 UG/L
RT: 9.31 min Scan# 759
Delta R.T. -0.03 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 42892

Ion	Ratio	Lower	Upper
43	100		
72	23.3	15.3	22.9#

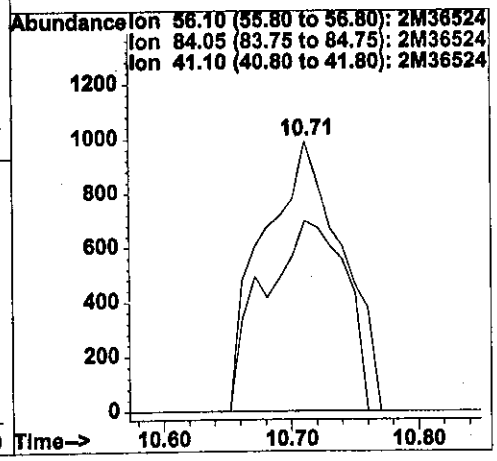


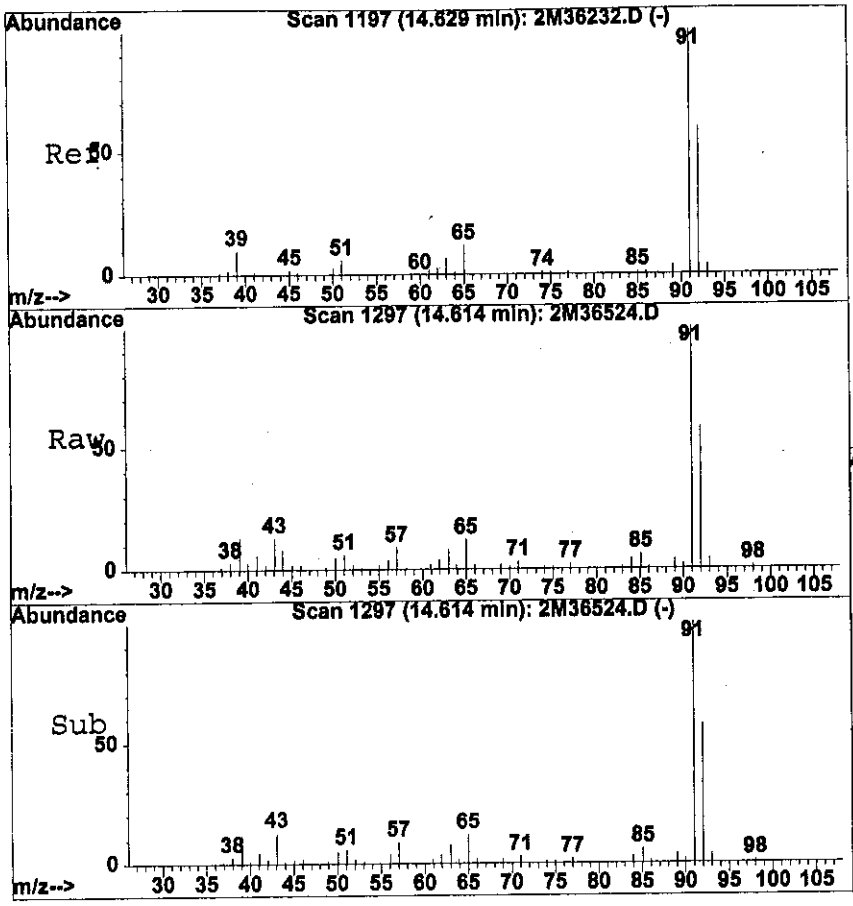


#30
Cyclohexane
Concen: 15.15 UG/L
RT: 10.71 min Scan# 901
Delta R.T. 0.01 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 56 Resp: 4260

Ion	Ratio	Lower	Upper
56	100		
84	0.0	70.6	106.0#
41	73.1	55.3	82.9

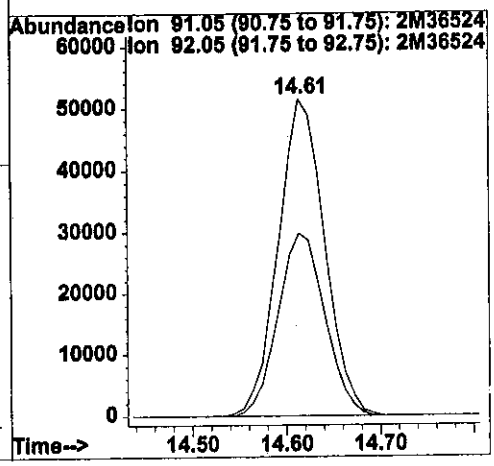


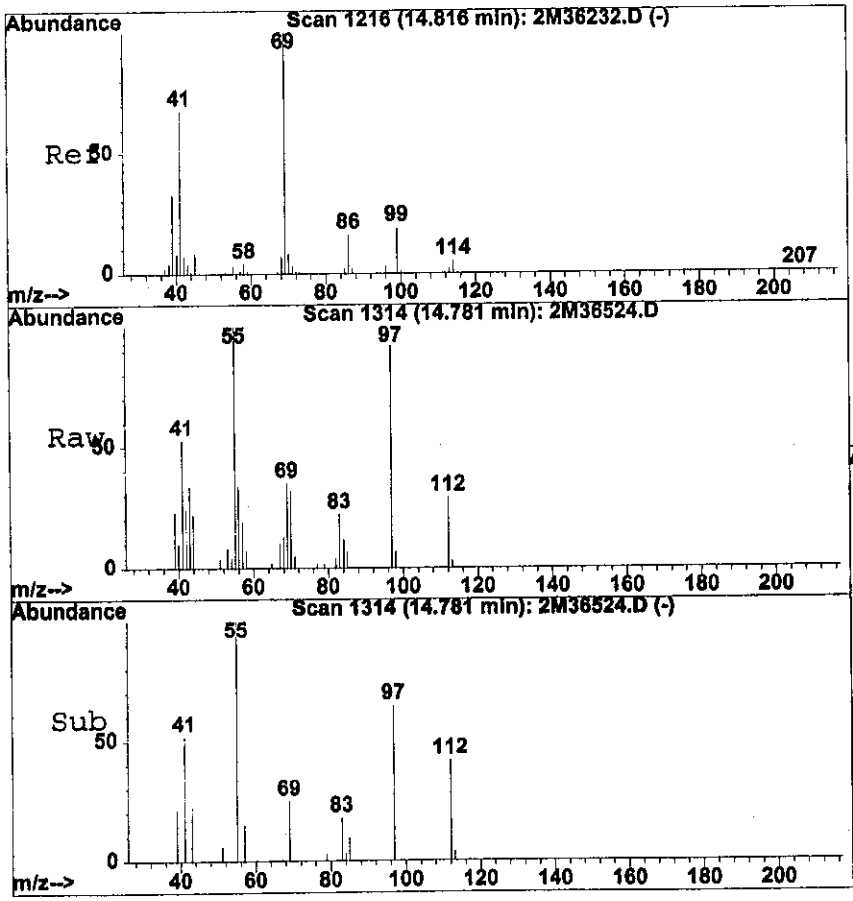


#46
Toluene
Concen: 200.50 ug/L
RT: 14.61 min Scan# 1297
Delta R.T. -0.05 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91 Resp: 177171

Ion	Ratio	Lower	Upper
91	100		
92	58.4	48.3	72.5

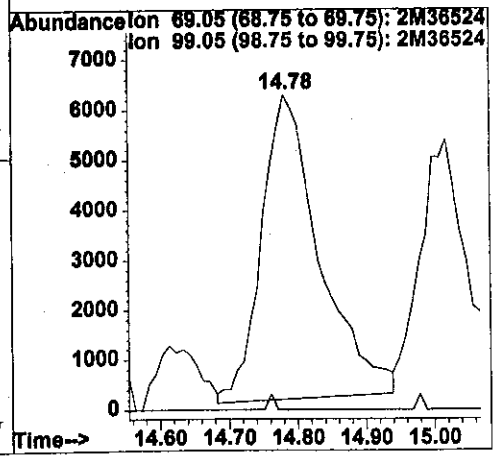


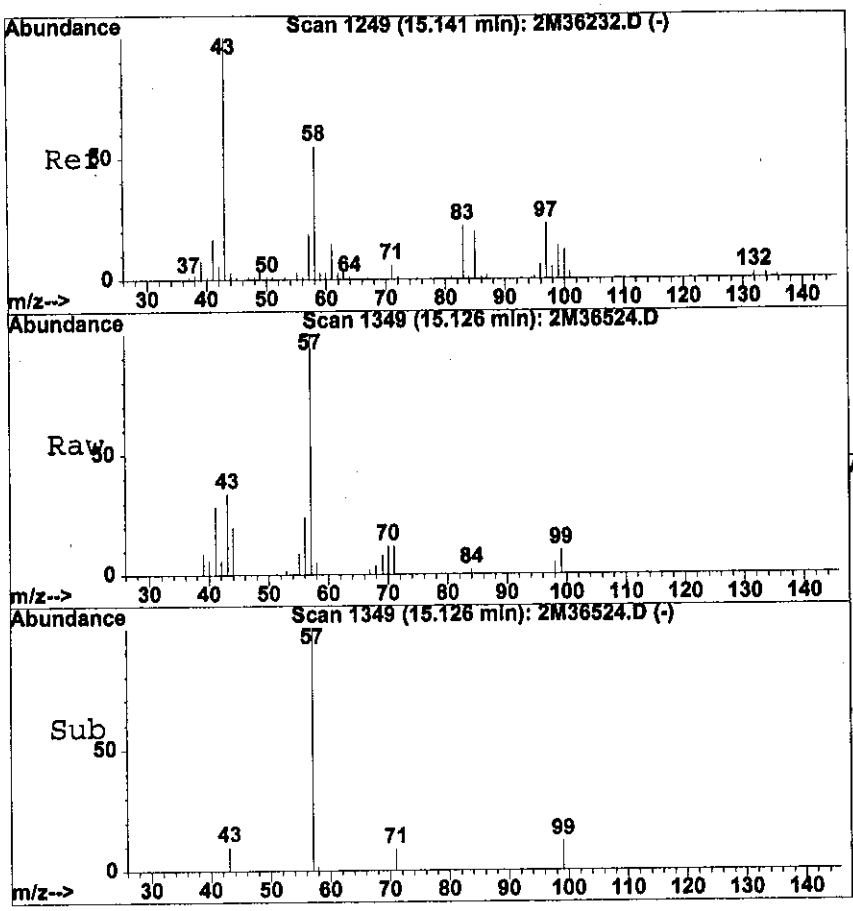


#47
Ethyl Methacrylate
Concen: 191.24 UG/L
RT: 14.78 min Scan# 1314
Delta R.T. -0.07 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 69 Resp: 35810

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

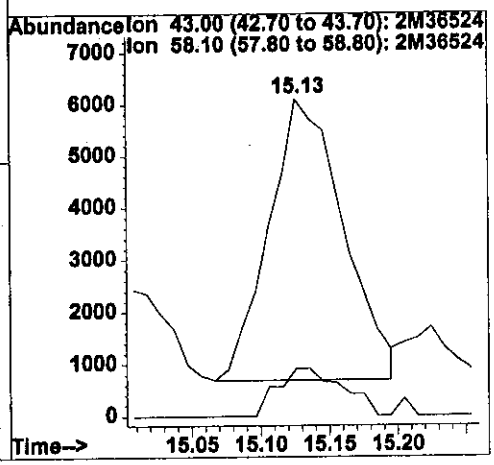


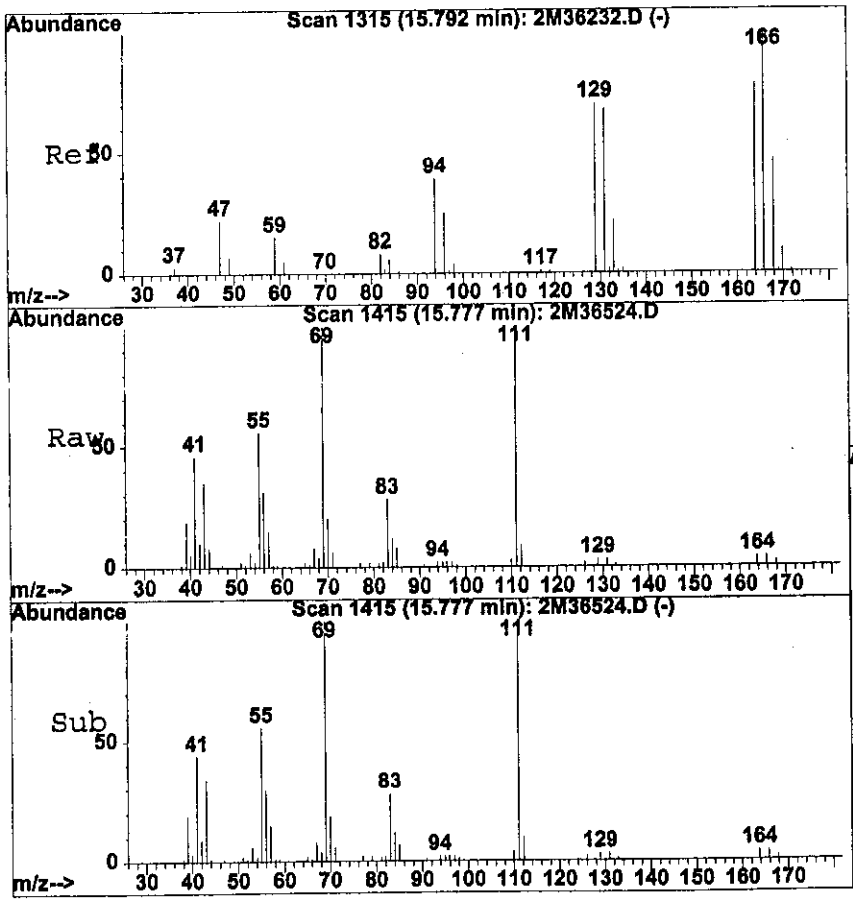


#50
2-Hexanone
Concen: 298.64 UG/L
RT: 15.13 min Scan# 1349
Delta R.T. -0.05 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 20265

Ion	Ratio	Lower	Upper
43	100		
58	14.9	37.7	56.5#

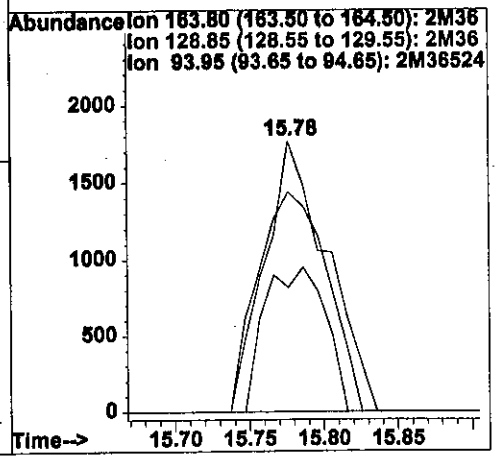


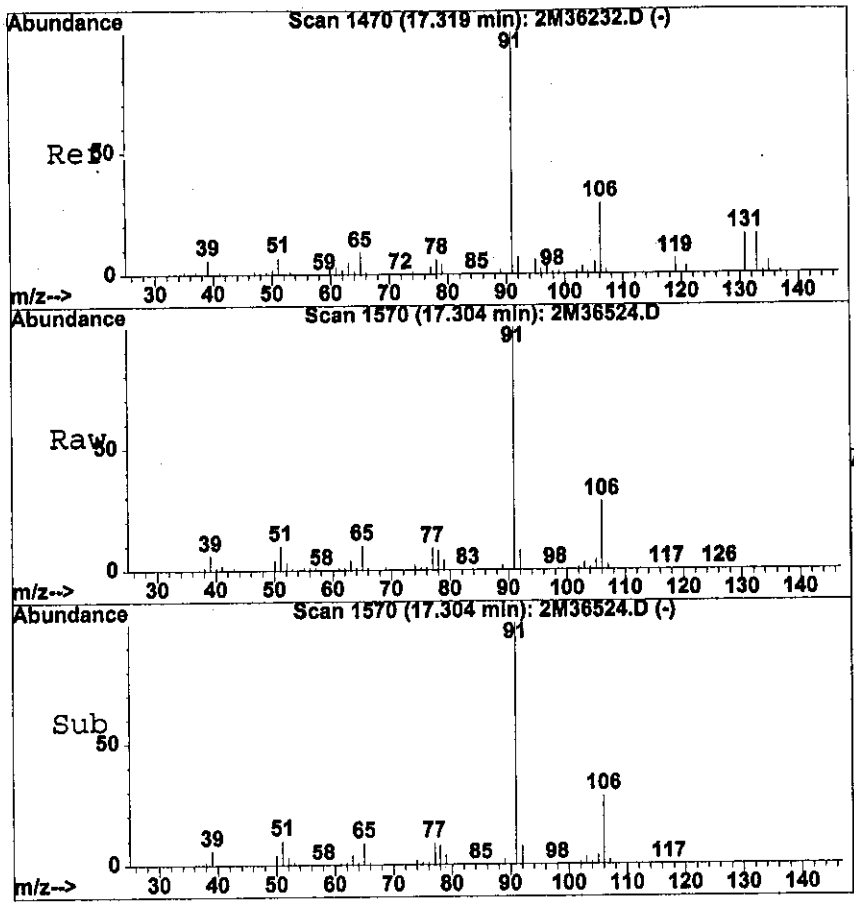


#52
Tetrachloroethene
Concen: 34.06 UG/L
RT: 15.78 min Scan# 1415
Delta R.T. -0.05 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:164 Resp: 5205

Ion	Ratio	Lower	Upper
164	100		
129	90.4	56.7	85.1#
94	52.0	34.6	51.8#

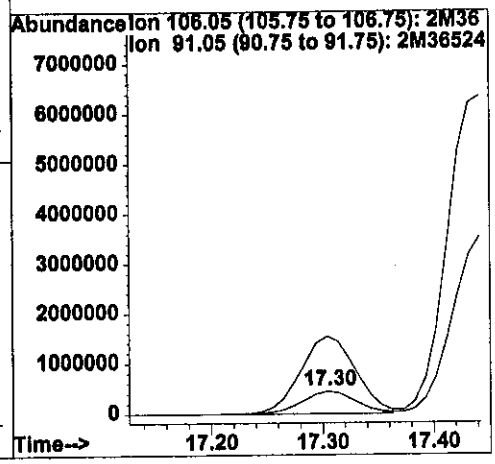


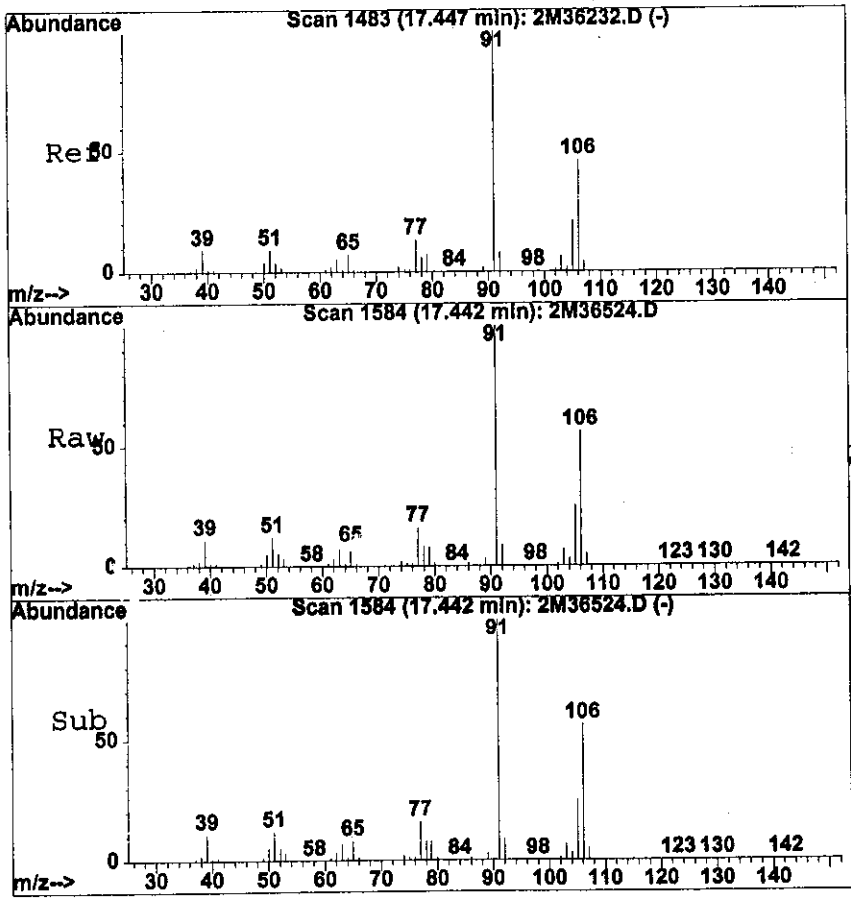


#58
Ethylbenzene
Concen: 5354.11 UG/L
RT: 17.30 min Scan# 1570
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp: 1488183

Ion	Ratio	Lower	Upper
106	100		
91	353.3	277.9	416.9

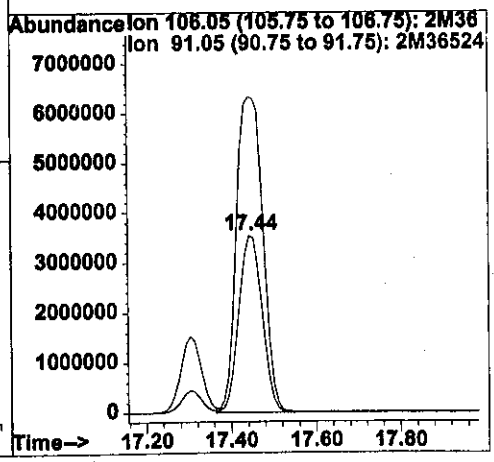


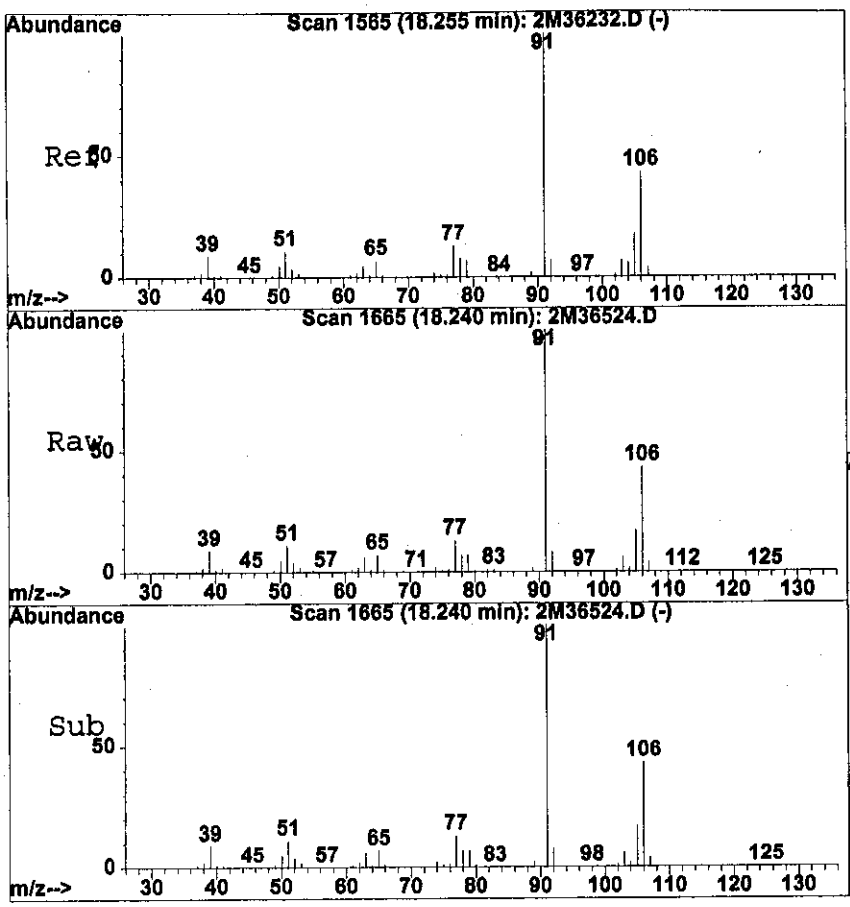


#59
m-,p-Xylene
Concen: 40628.25 UG/L
RT: 17.44 min Scan# 1584
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp:13590677

Ion	Ratio	Lower	Upper
106	100		
91	201.3	173.4	260.2

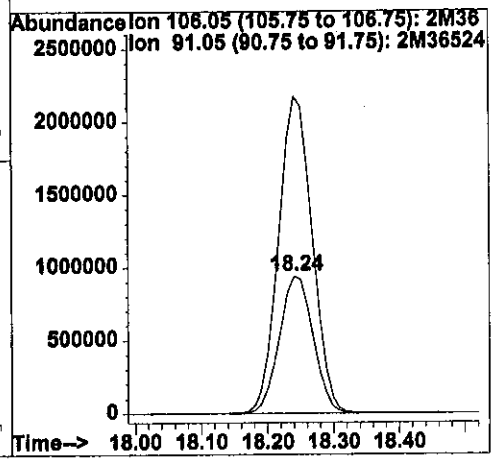


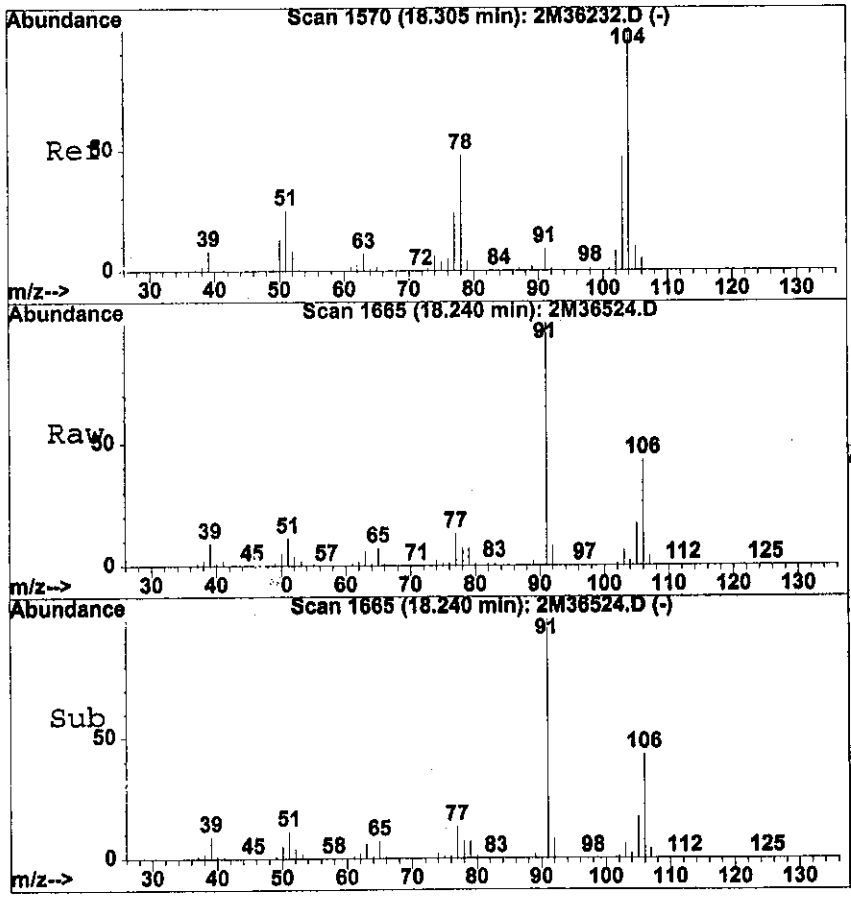


#60
o-Xylene
Concen: 9930.30 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp: 3335401

Ion	Ratio	Lower	Upper
106	100		
91	230.7	181.0	271.6

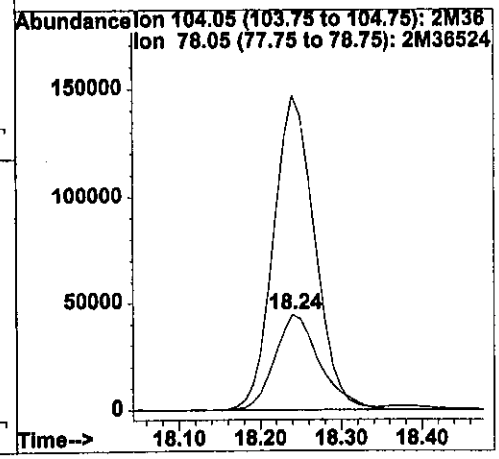


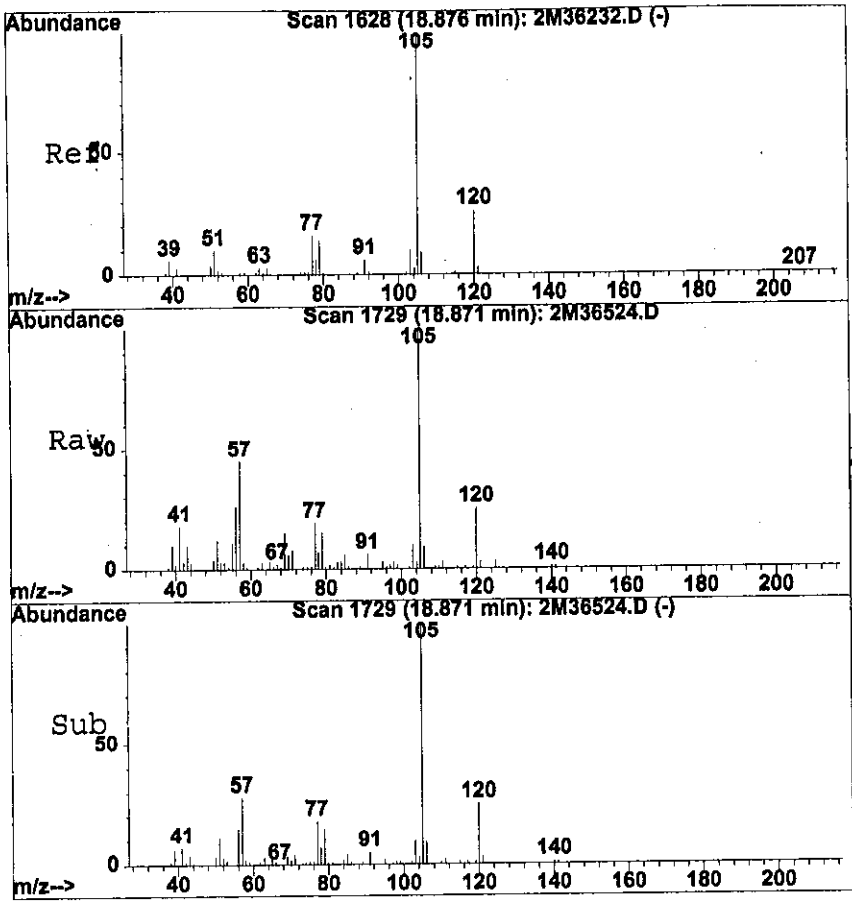


#61
Styrene
Concen: 295.50 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.10 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:104 Resp: 170704

Ion	Ratio	Lower	Upper
104	100		
78	303.6	36.0	54.0#

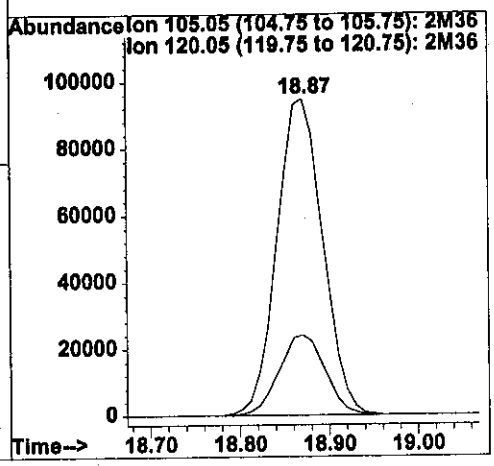


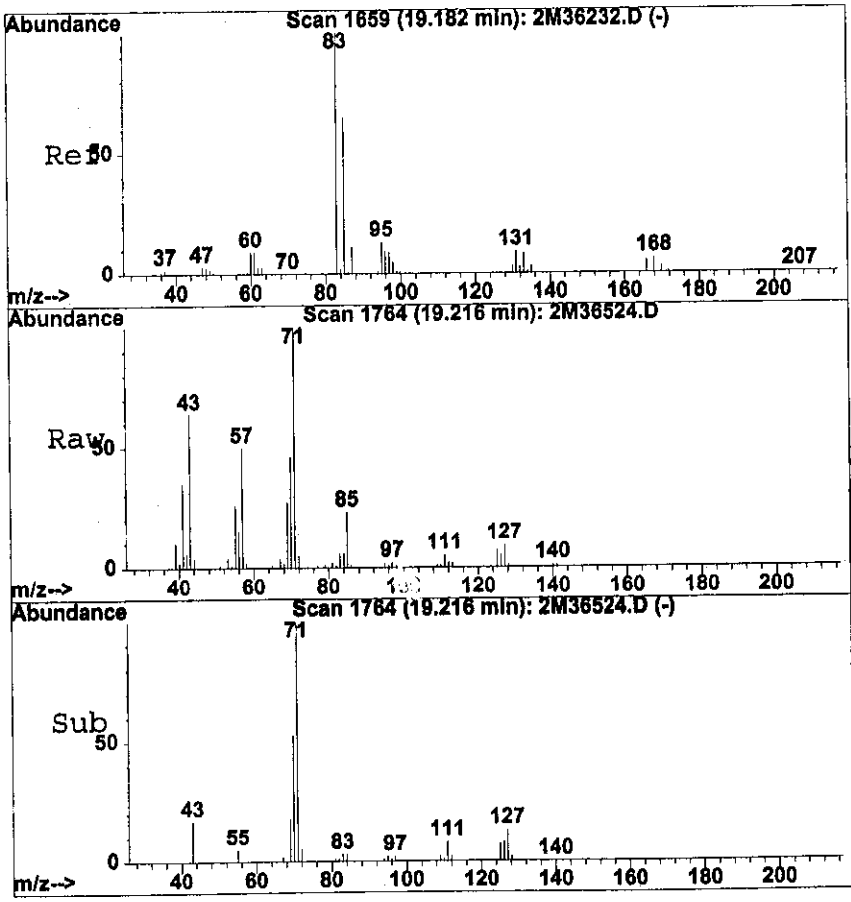


#63
Isopropylbenzene
Concen: 398.11 ug/L
RT: 18.87 min Scan# 1729
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 338396

Ion	Ratio	Lower	Upper
105	100		
120	25.6	18.7	28.1

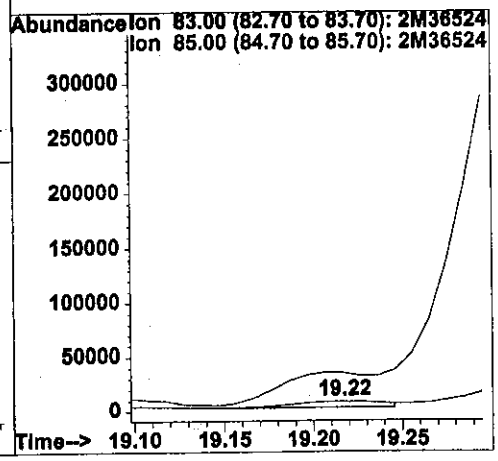


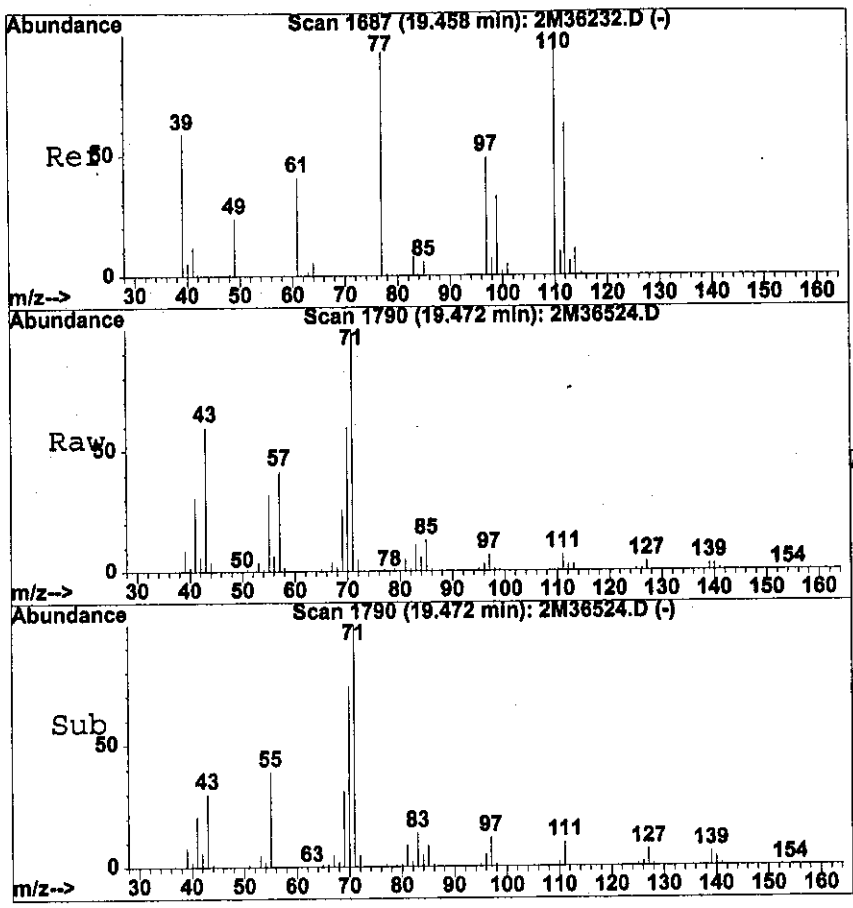


#65
1,1,2,2-Tetrachloroethane
Concen: 143.49 UG/L
RT: 19.22 min Scan# 1764
Delta R.T. -0.00 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 83 Resp: 19749

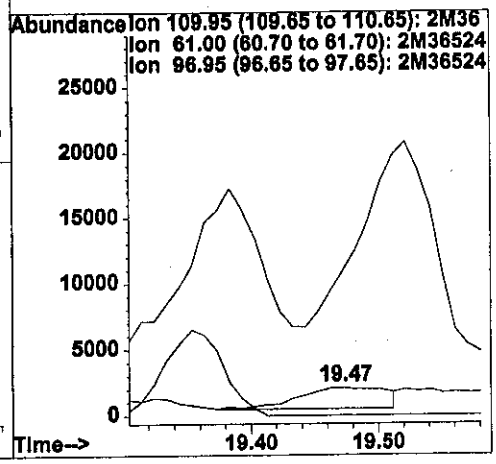
Ion	Ratio	Lower	Upper
83	100		
85	612.0	44.4	84.4#

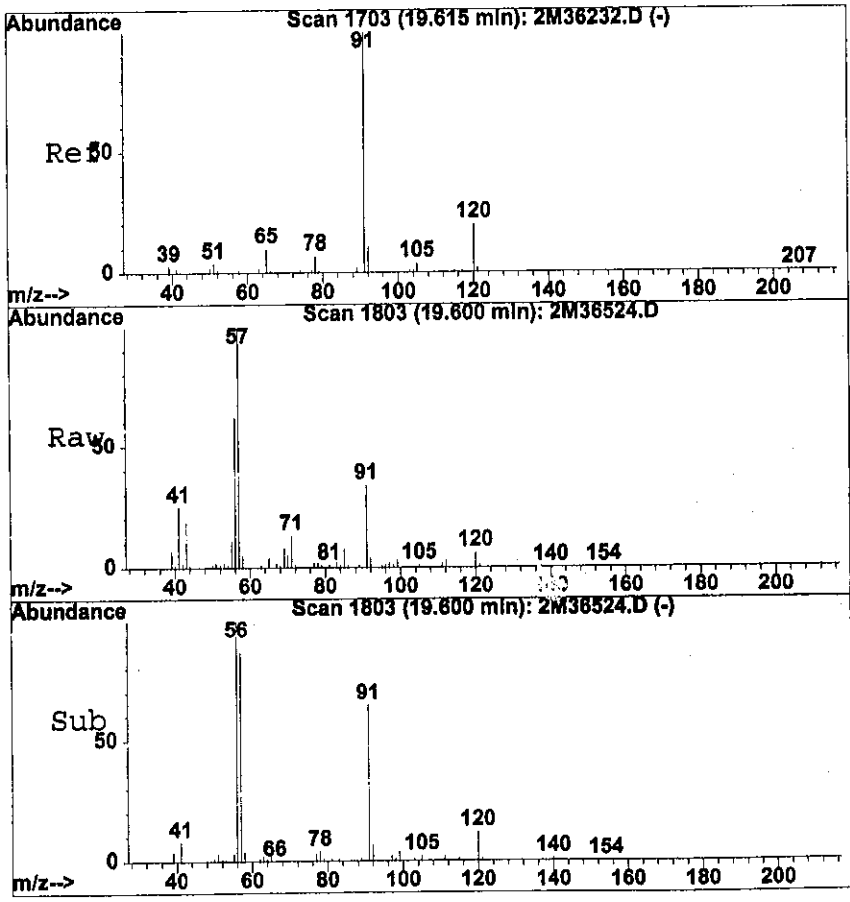




#67
1,2,3-Trichloropropane
Concen: 266.89 UG/L
RT: 19.47 min Scan# 1790
Delta R.T. -0.01 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

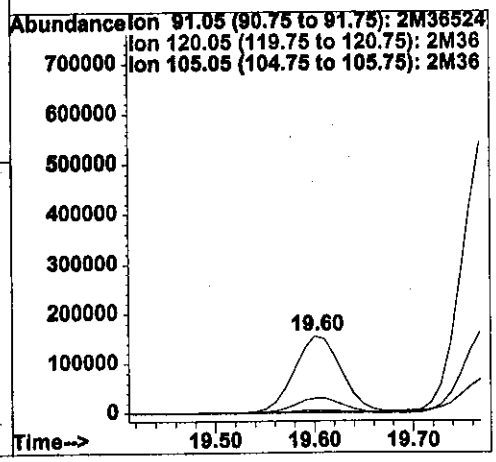
Tgt Ion:110	Resp:	7779	
Ion	Ratio	Lower	Upper
110	100		
61	0.0	55.9	83.9#
97	0.0	43.3	64.9#

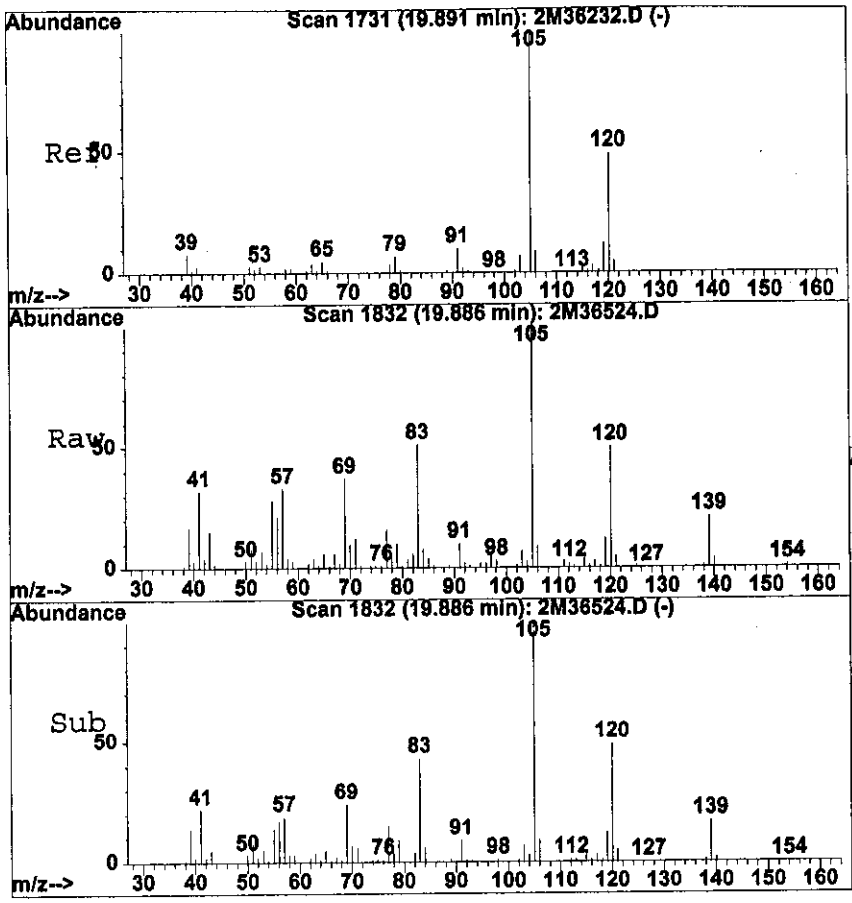




#69
n-Propylbenzene
Concen: 485.67 UG/L
RT: 19.60 min Scan# 1803
Delta R.T. -0.05 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91	Resp:	511180	
Ion	Ratio	Lower	Upper
91	100		
120	19.5	15.5	23.3
105	3.5	3.0	4.4

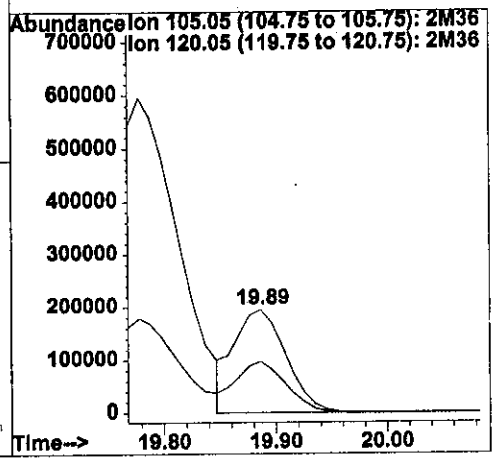


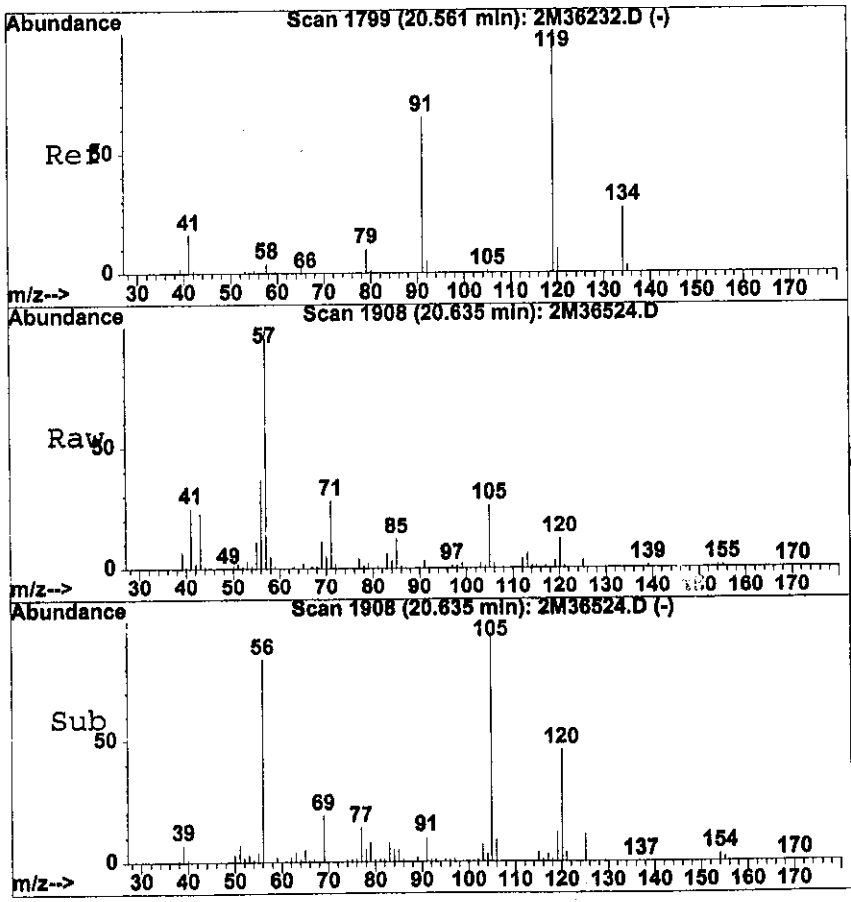


#71
1,3,5-Trimethylbenzene
Concen: 978.08 UG/L
RT: 19.89 min Scan# 1832
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 630328

Ion	Ratio	Lower	Upper
105	100		
120	48.2	37.0	55.4

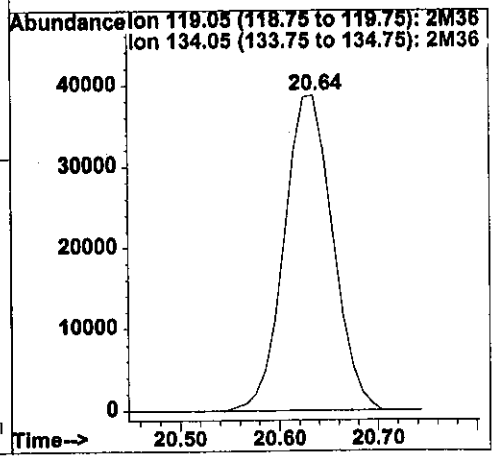


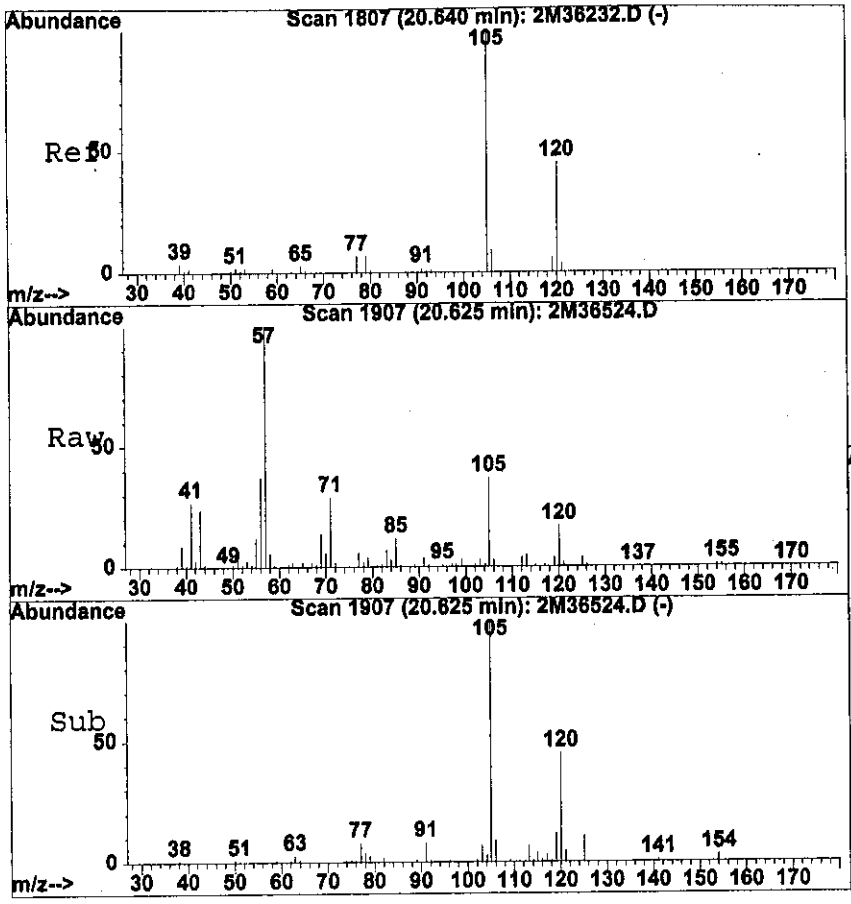


#75
tert-Butylbenzene
Concen: 217.90 UG/L
RT: 20.64 min Scan# 1908
Delta R.T. 0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:119 Resp: 131882

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

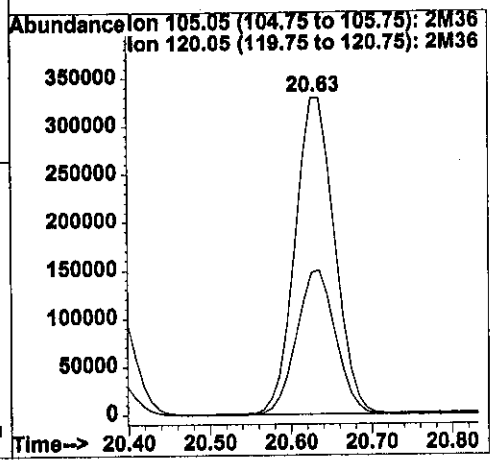


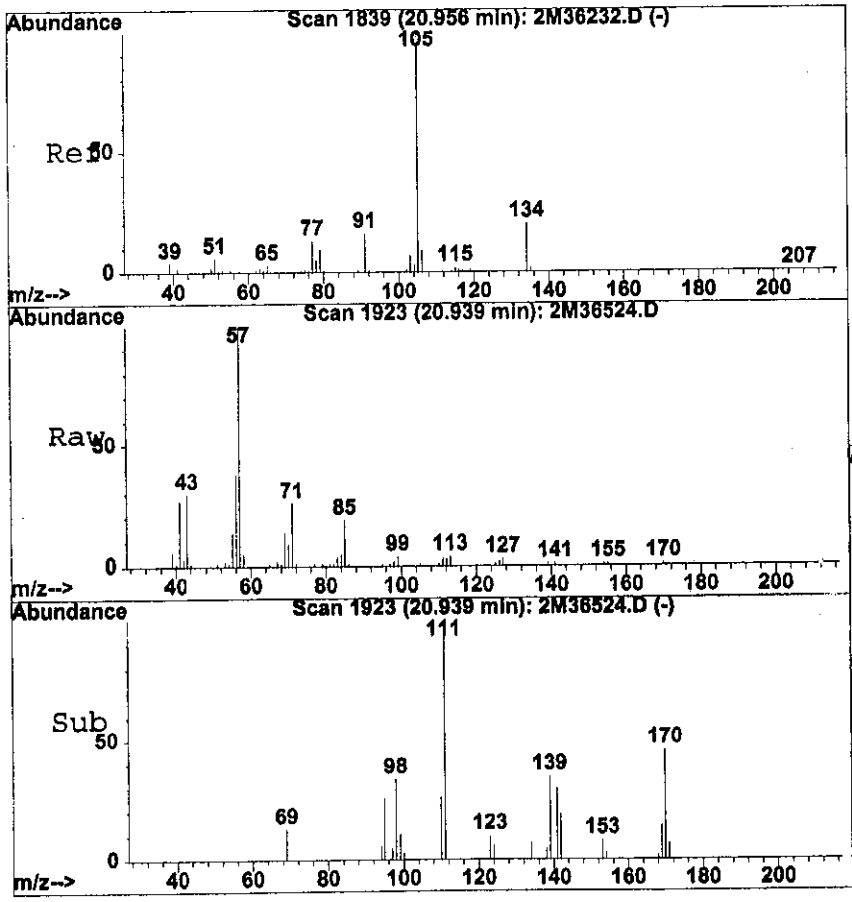


#76
1,2,4-Trimethylbenzene
Concen: 1721.87 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.05 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 1109698

Ion	Ratio	Lower	Upper
105	100		
120	45.2	33.7	50.5

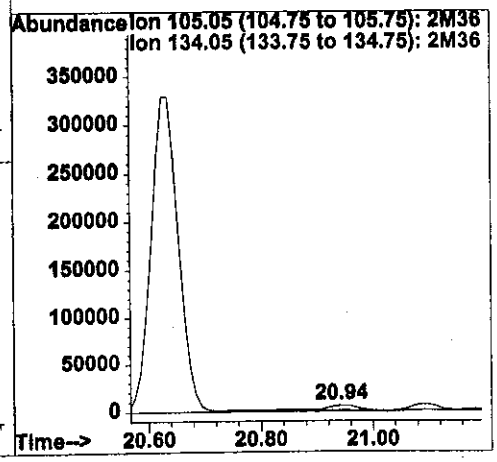


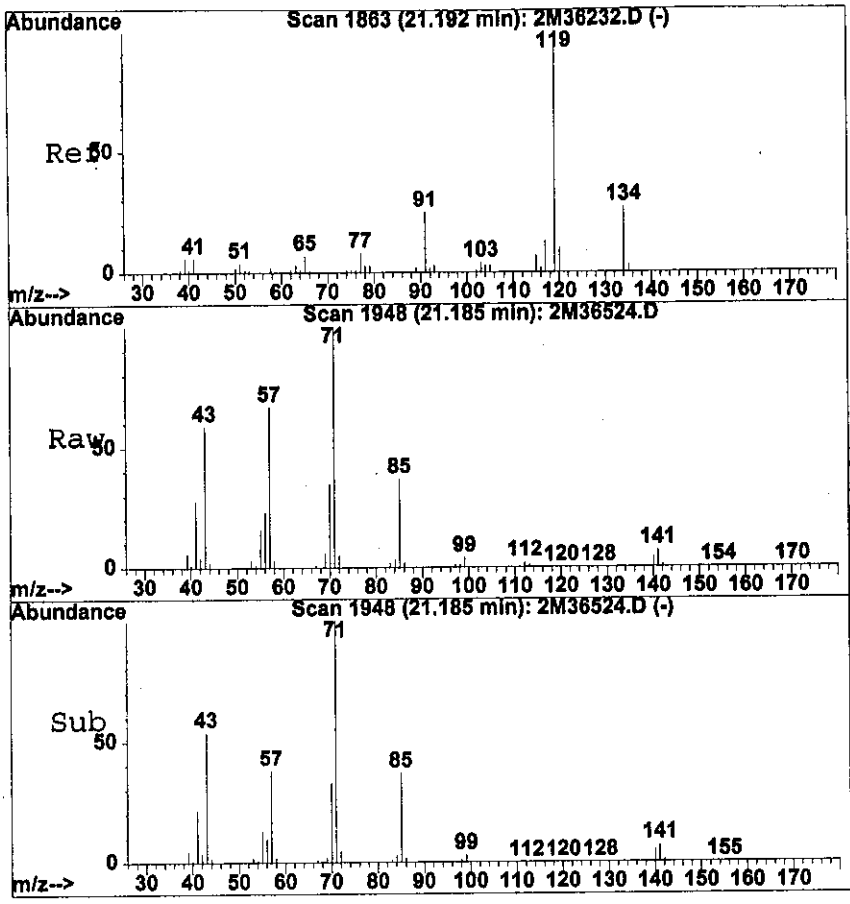


#77
sec-Butylbenzene
Concen: 55.00 UG/L
RT: 20.94 min Scan# 1923
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 41852

Ion	Ratio	Lower	Upper
105	100		
134	20.3	15.4	23.0

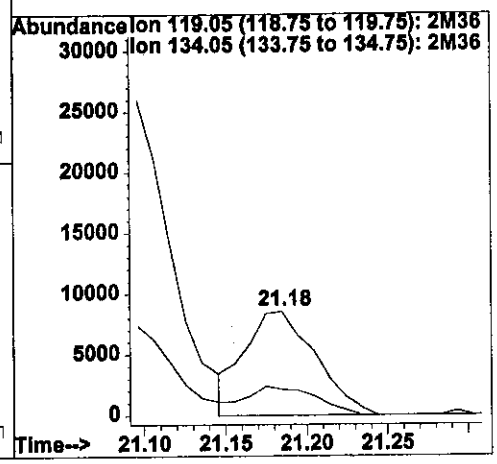


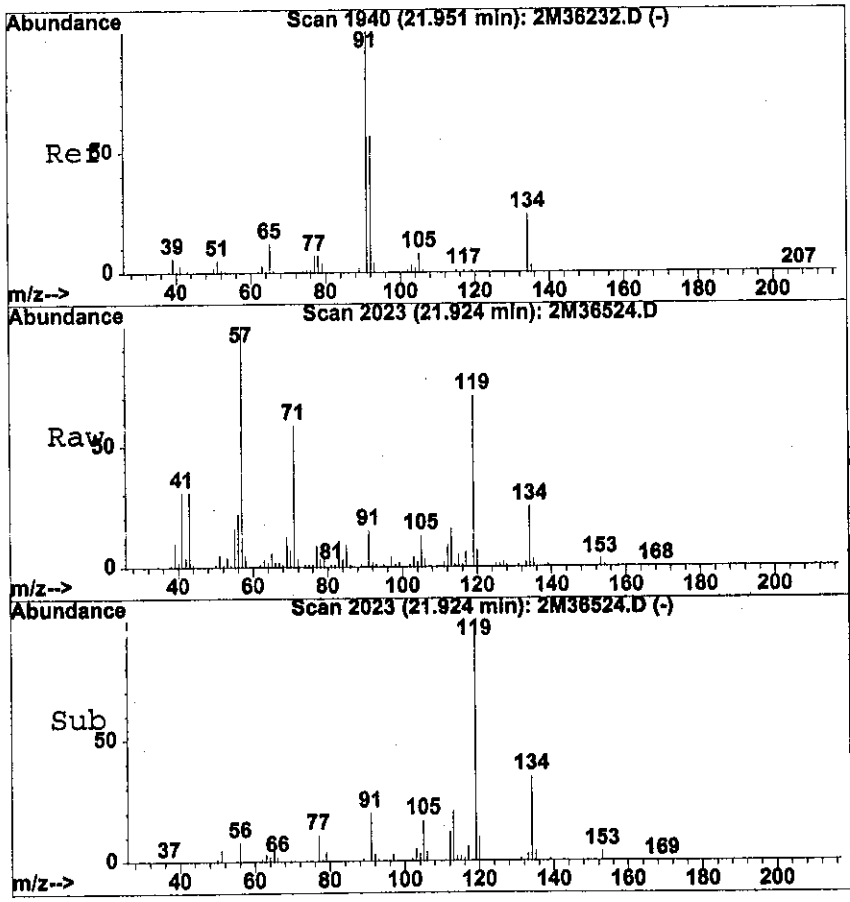


#78
p-Isopropyltoluene
Concen: 42.56 UG/L
RT: 21.18 min Scan# 1948
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:119 Resp: 25942

Ion	Ratio	Lower	Upper
119	100		
134	24.8	21.6	32.4

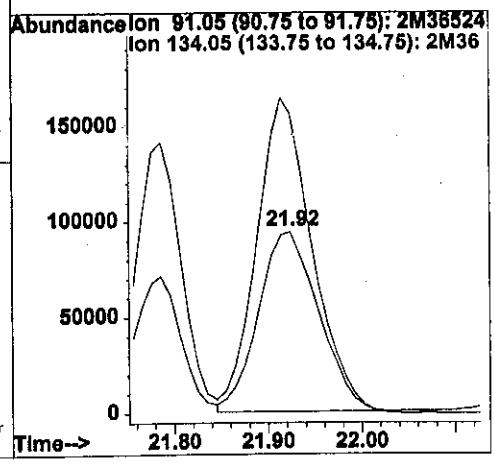


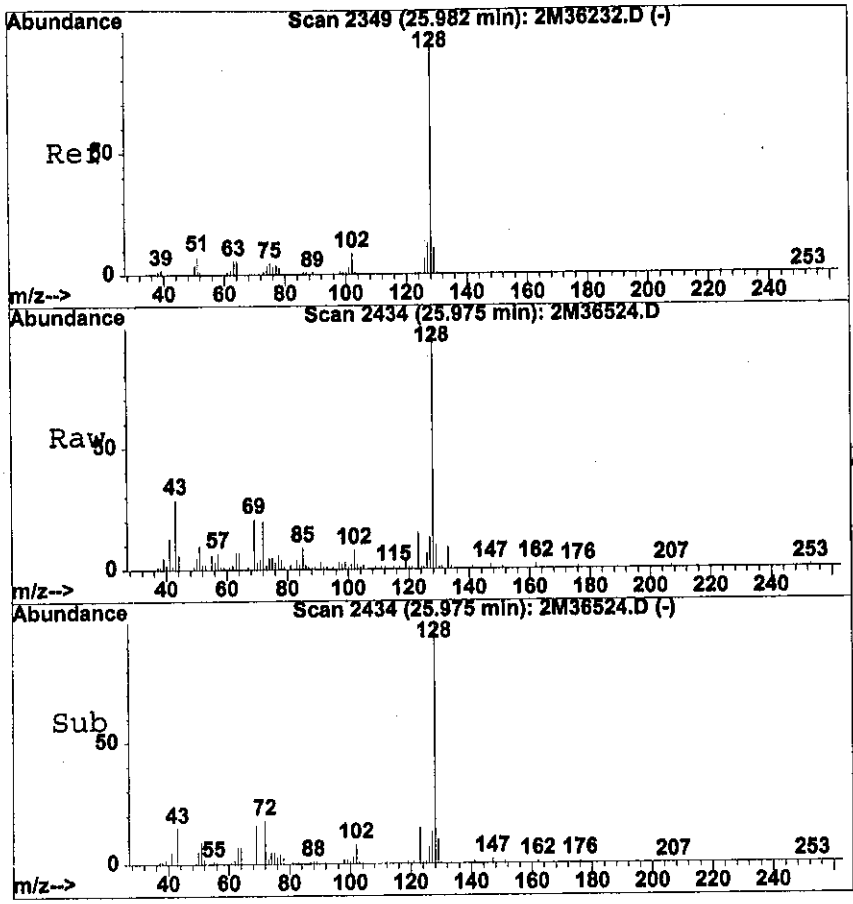


#81
n-Butylbenzene
Concen: 709.11 UG/L
RT: 21.92 min Scan# 2023
Delta R.T. -0.06 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91 Resp: 417748

Ion	Ratio	Lower	Upper
91	100		
134	162.3	19.0	28.6#

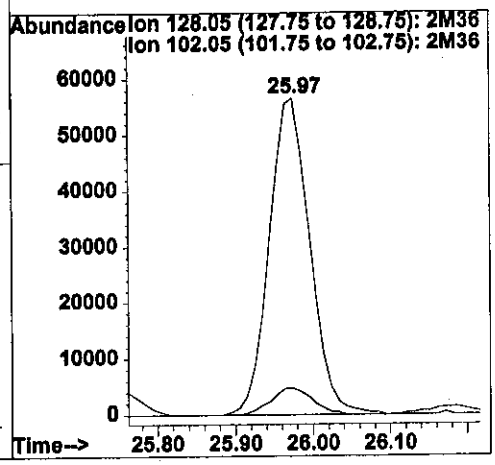




#86
Naphthalene
Concen: 881.65 UG/L
RT: 25.97 min Scan# 2434
Delta R.T. -0.04 min
Lab File: 2M36524.D
Acq: 19 Jun 2000 16:45

Tgt Ion:128 Resp: 204728

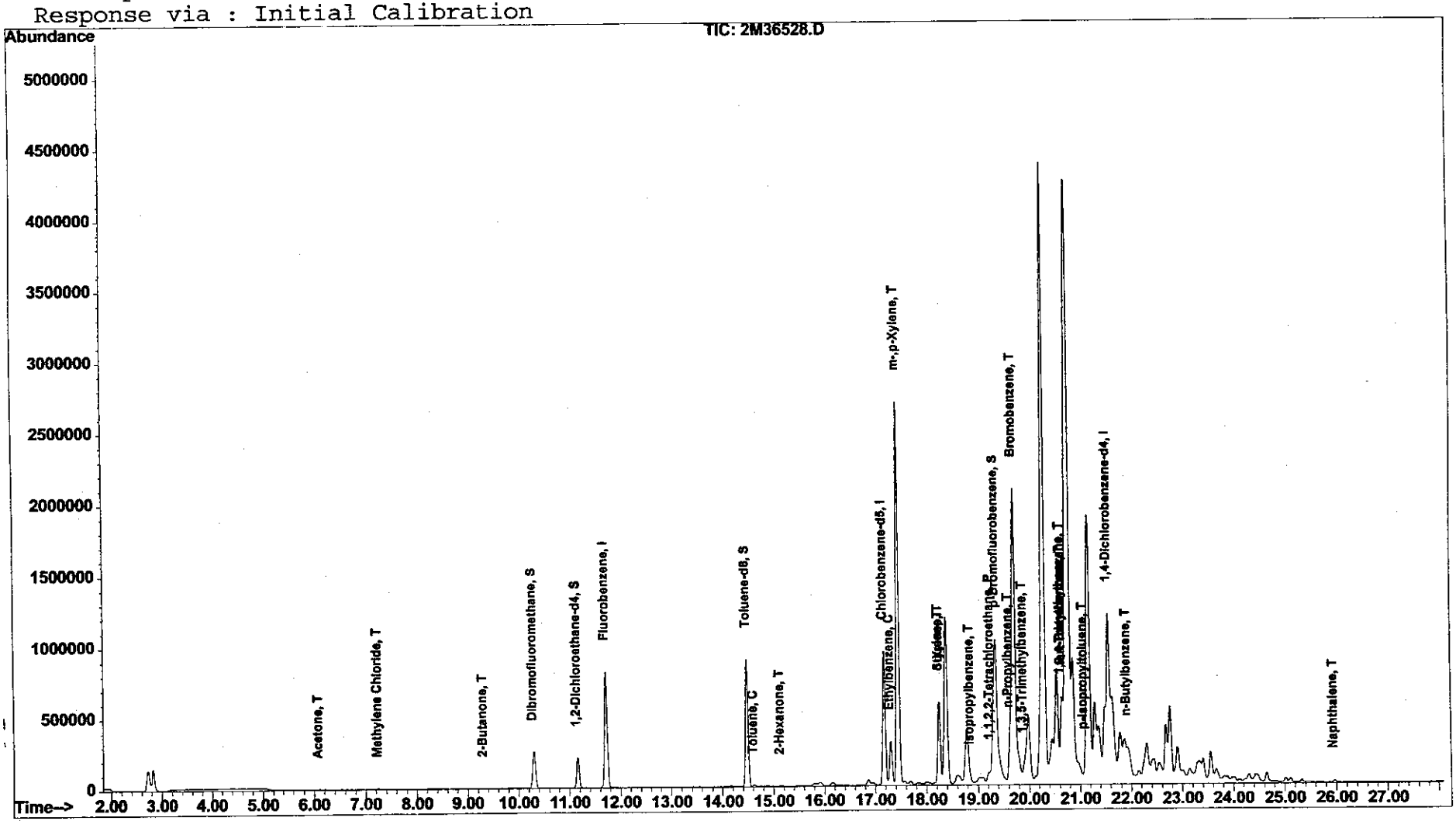
Ion	Ratio	Lower	Upper
128	100		
102	8.6	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36528.D Vial: 16
Acq On : 19 Jun 2000 19:03 Operator: CMS
Sample : L0006193-01 900X IT CORP 826-SPE-VO 5.6G Inst : HPMS2
Misc : SOLID,900 (100uL/50ML) 398-PPG-TANK Multiplr: ~~1.00~~ 900
6/20/00 cws
MS Integration Params: rteint.p
Quant Time: Jun 19 19:31 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



408

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36528.D Vial: 16
Acq On : 19 Jun 2000 19:03 Operator: CMS
Sample : L0006193-01 900X IT CORP 826-SPE-VO 5.6G Inst : HPMS2
Misc : SOLID,900 (100uL/50ML) 398-PPG-TANK Multiplr: 900.00
MS Integration Params: rteint.p
Quant Time: Jun 19 19:31 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.72	96	1419063	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.17	117	1027352	25.00	UG/L	-0.05
64) 1,4-Dichlorobenzene-d4	21.55	152	493073	25.00	UG/L	-0.05
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	306663	21.40	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery =	85.60%#	✓soil	
33) 1,2-Dichloroethane-d4	11.15	65	255063	20.71	UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery =	82.84%		
45) Toluene-d8	14.48	98	1179363	22.50	UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery =	90.00%		
66) p-Bromofluorobenzene	19.34	95	448504	21.84	UG/L	-0.05
Spiked Amount 25.000	Range 86 - 115		Recovery =	87.36%		
Target Compounds						Qvalue
11) Acetone	6.11	43	2344	1492.35	UG/L #	56
15) Methylene Chloride	7.25	84	4326	282.71	UG/L	94
23) 2-Butanone	9.31	43	5793	1680.87	UG/L #	58
46) Toluene	14.61	91	17501	222.53	ug/L	97
50) 2-Hexanone	15.15	43	1845	305.49	UG/L #	30
58) Ethylbenzene	17.29	106	132697	5364.09	UG/L	94
59) m-,p-Xylene	17.43	106	1544045	51862.20	UG/L	99
60) o-Xylene	18.24	106	326999	10938.68	UG/L	98
61) Styrene	18.24	104	15686	305.09	UG/L #	1
63) Isopropylbenzene	18.86	105	27655	365.55	ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.23	83	1643	124.06	UG/L #	1
69) n-Propylbenzene	19.60	91	43013	424.72	UG/L #	99
70) Bromobenzene	19.71	156	4133	222.10	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.88	105	52662	849.25	UG/L	91
75) tert-Butylbenzene	20.63	119	12523	215.03	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.62	105	107407	1732.03	UG/L	97
78) p-Isopropyltoluene	21.07	119	7651	130.44	UG/L	93
81) n-Butylbenzene	21.91	91	33740	595.21	UG/L #	1
86) Naphthalene	25.96	128	18161	812.81	UG/L #	76

(#) = qualifier out of range (m) = manual integration

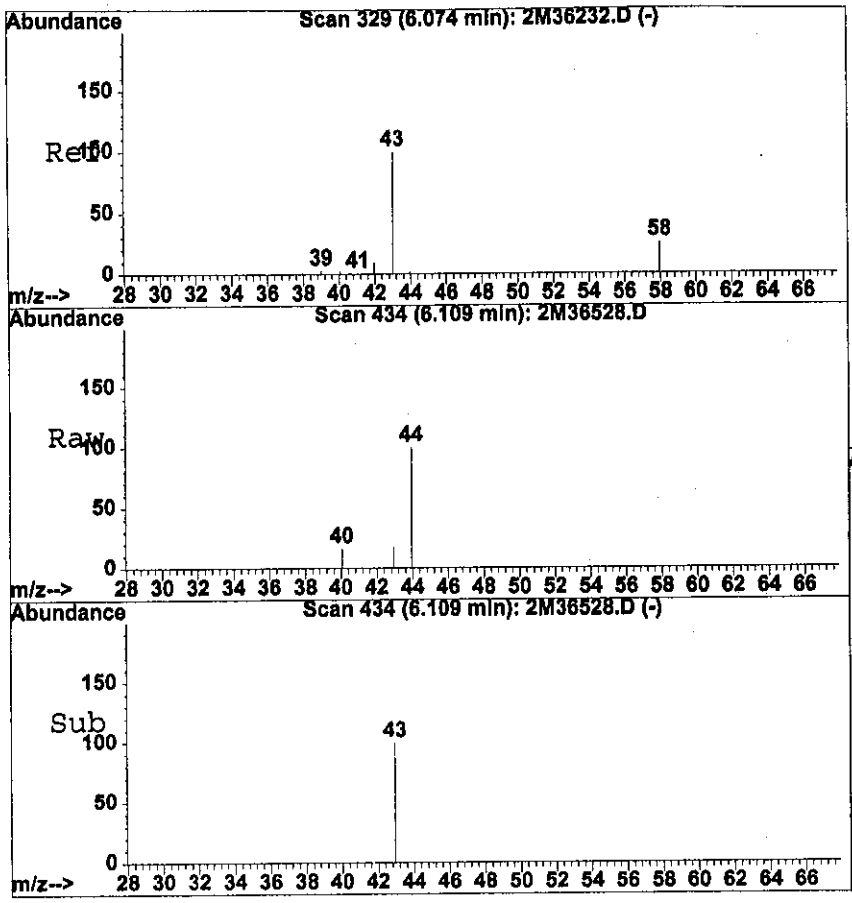
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36528.D Vial: 16
Acq On : 19 Jun 2000 19:03 Operator: CMS
Sample : L0006193-01 900X IT CORP 826-SPE-VO 5.6G Inst : HPMS2
Misc : SOLID,900 (100uL/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 19:31 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

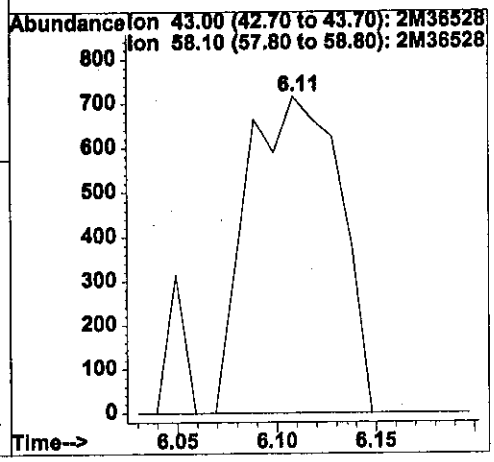
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.72	96	1419063	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.17	117	1027352	25.00	UG/L	-0.05
64) 1,4-Dichlorobenzene-d4	21.55	152	493073	25.00	UG/L	-0.05
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	306663	21.40	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 85.60%#			
33) 1,2-Dichloroethane-d4	11.15	65	255063	20.71	UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 82.84%			
45) Toluene-d8	14.48	98	1179363	22.50	UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 90.00%			
66) p-Bromofluorobenzene	19.34	95	448504	21.84	UG/L	-0.05
Spiked Amount 25.000	Range 86 - 115		Recovery = 87.36%			
Target Compounds						Qvalue
11) Acetone	6.11	43	2344	1.66	UG/L #	56
15) Methylene Chloride	7.25	84	4326	0.31	UG/L	94
23) 2-Butanone	9.31	43	5793	1.87	UG/L #	58
46) Toluene	14.61	91	17501	0.25	ug/L	97
50) 2-Hexanone	15.15	43	1845	0.34	UG/L #	30
58) Ethylbenzene	17.29	106	132697	5.96	UG/L J	94
59) m-,p-Xylene	17.43	106	1544045	57.62	UG/L	99
60) o-Xylene	18.24	106	326999	12.15	UG/L	98
61) Styrene	18.24	104	15686	0.34	UG/L #	1
63) Isopropylbenzene	18.86	105	27655	0.41	ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.23	83	1643	0.14	UG/L #	1
69) n-Propylbenzene	19.60	91	43013	0.47	UG/L #	99
70) Bromobenzene	19.71	156	4133	0.25	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.88	105	52662	0.94	UG/L	91
75) tert-Butylbenzene	20.63	119	12523	0.24	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.62	105	107407	1.92	UG/L	97
78) p-Isopropyltoluene	21.07	119	7651	0.14	UG/L	93
81) n-Butylbenzene	21.91	91	33740	0.66	UG/L #	1
86) Naphthalene	25.96	128	18161	0.90	UG/L #	76

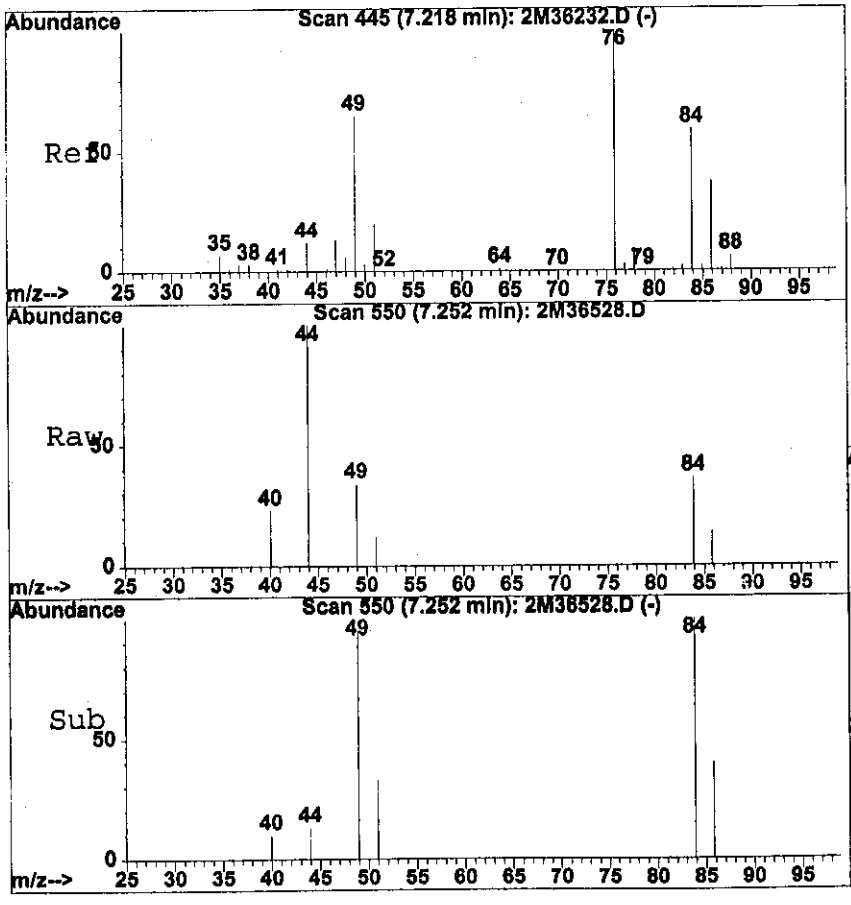
(#) = qualifier out of range (m) = manual integration



#11
Acetone
Concen: 1492.35 UG/L
RT: 6.11 min Scan# 434
Delta R.T. -0.03 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

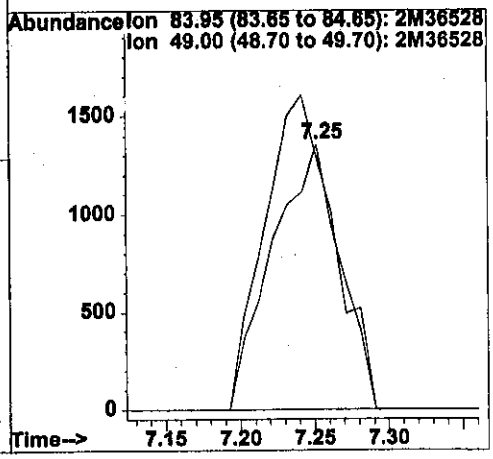
Tgt Ion: 43	Resp:	2344	
Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.3	24.5#

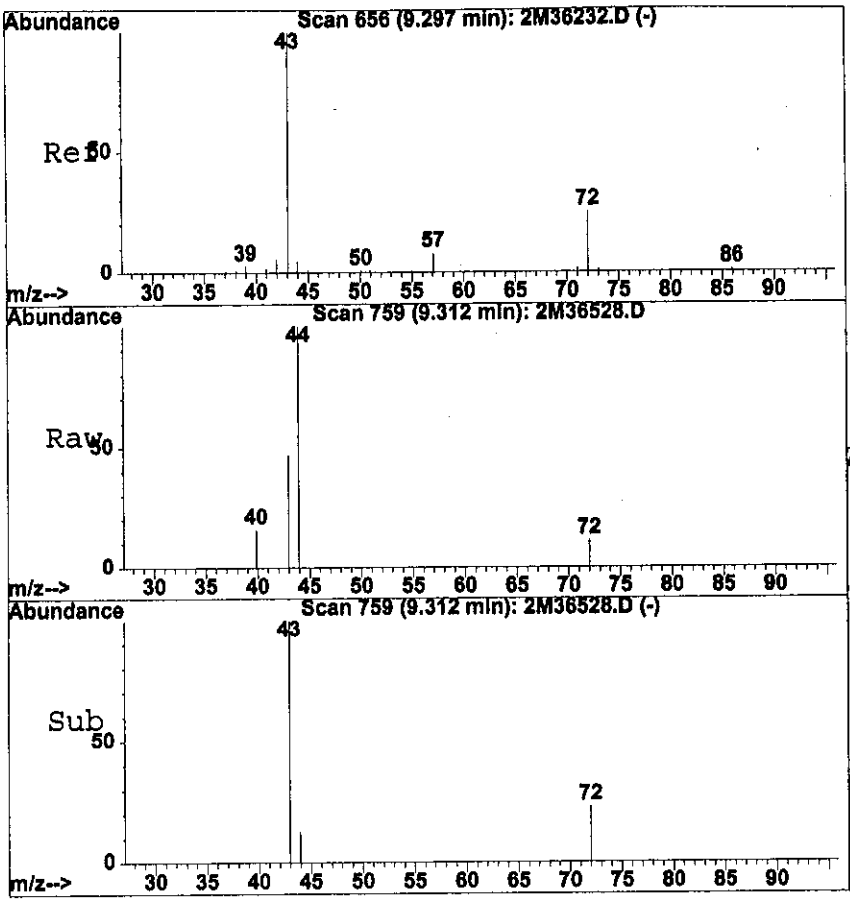




#15
Methylene Chloride
Concen: 282.71 UG/L
RT: 7.25 min Scan# 550
Delta R.T. -0.01 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 84	Resp:	4326	
Ion	Ratio	Lower	Upper
84	100		
49	120.4	102.2	153.4

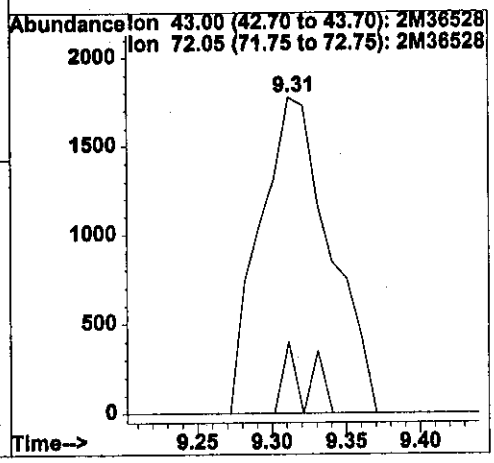


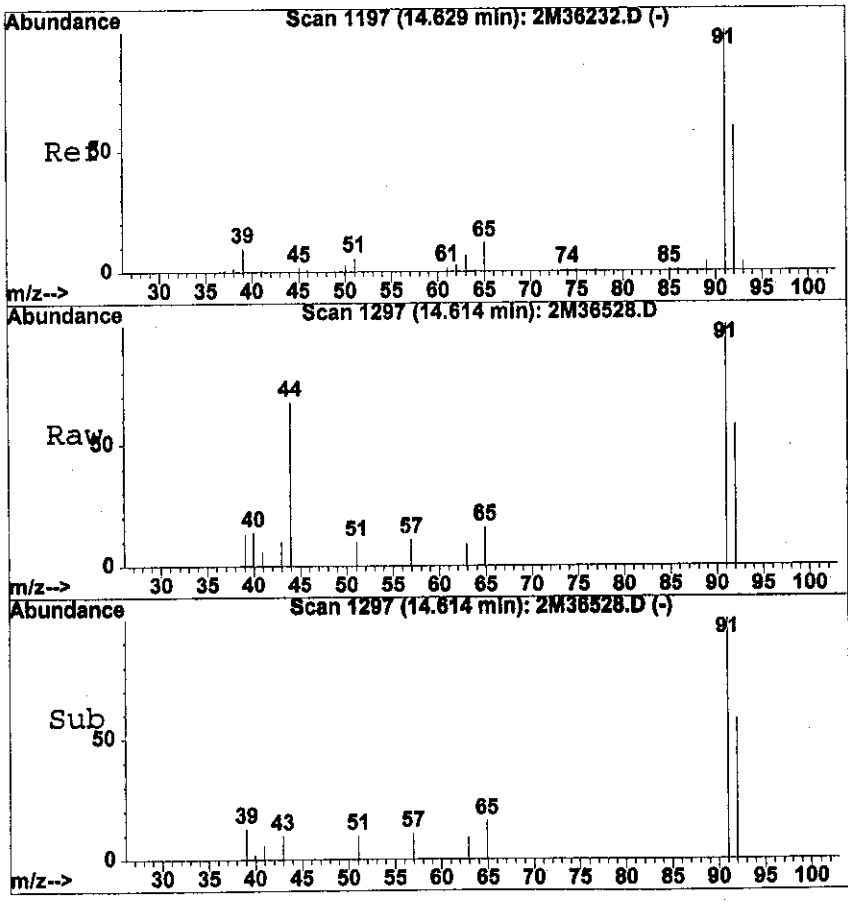


#23
2-Butanone
Concen: 1680.87 UG/L
RT: 9.31 min Scan# 759
Delta R.T. -0.03 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 43 Resp: 5793

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.3	22.9#

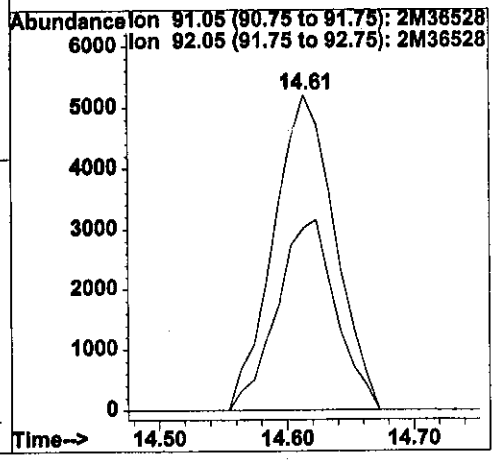


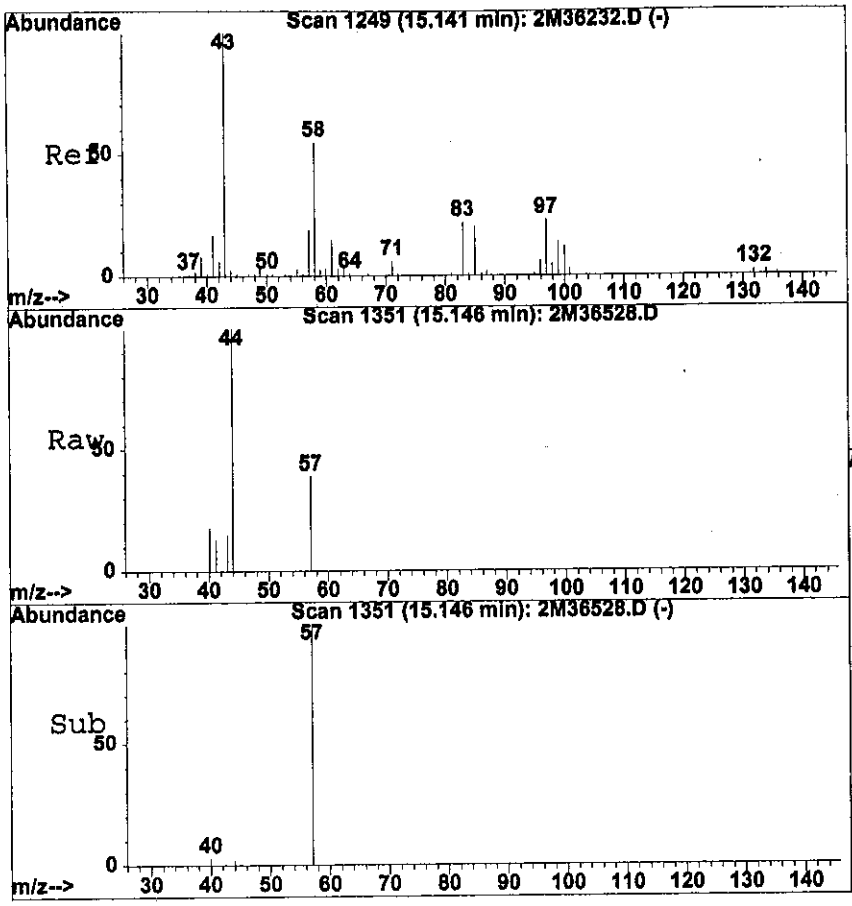


#46
Toluene
Concen: 222.53 ug/L
RT: 14.61 min Scan# 1297
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 91 Resp: 17501

Ion	Ratio	Lower	Upper
91	100		
92	58.0	48.3	72.5

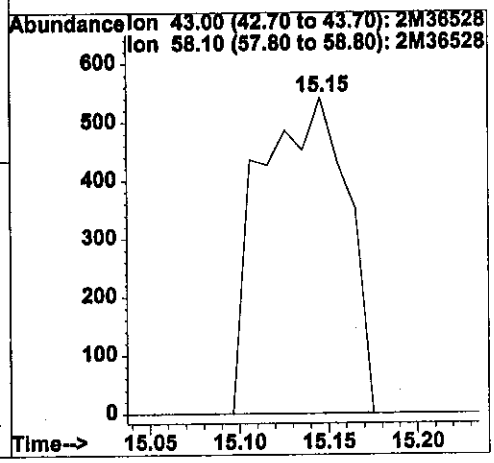


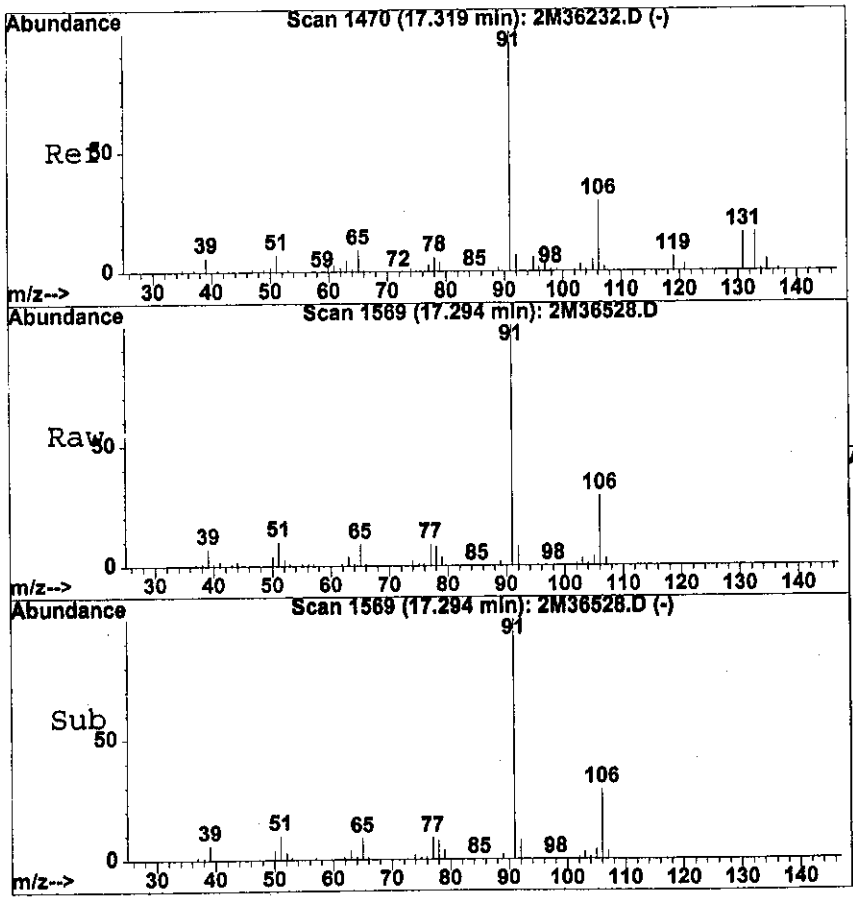


#50
2-Hexanone
Concen: 305.49 UG/L
RT: 15.15 min Scan# 1351
Delta R.T. -0.03 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 43 Resp: 1845

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.7	56.5#

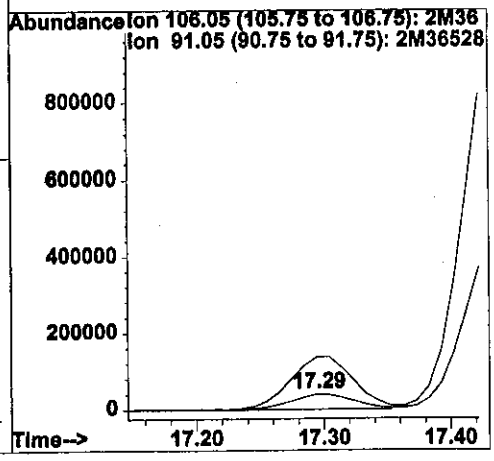


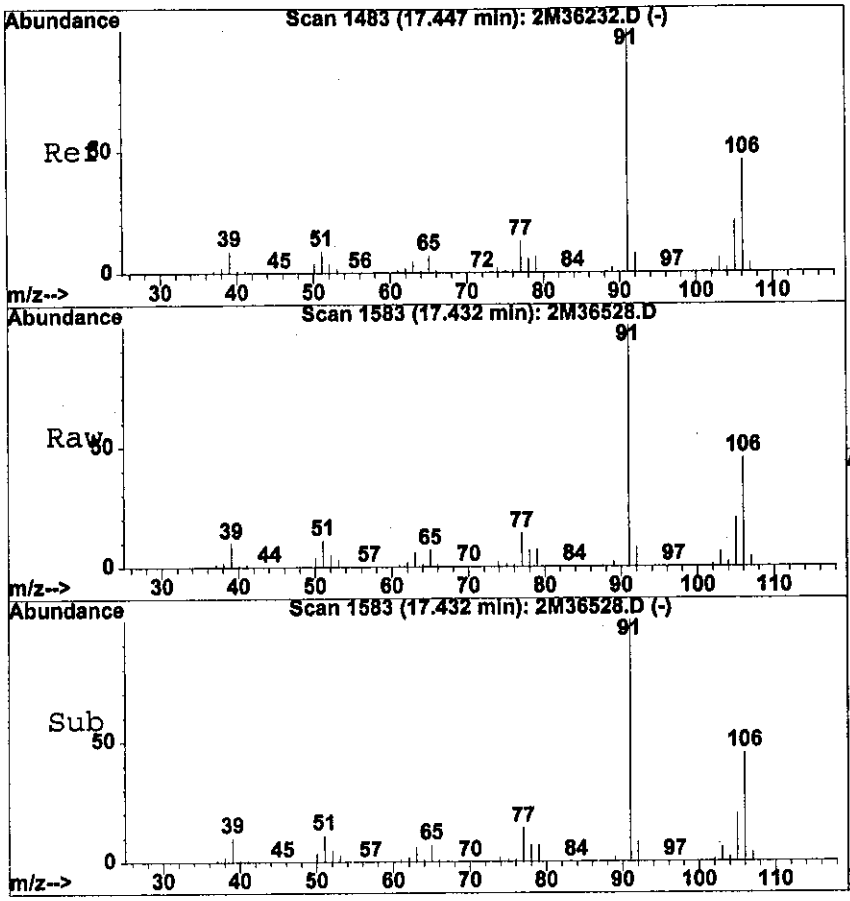


#58
Ethylbenzene
Concen: 5364.09 UG/L
RT: 17.29 min Scan# 1569
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:106 Resp: 132697

Ion	Ratio	Lower	Upper
106	100		
91	359.5	277.9	416.9

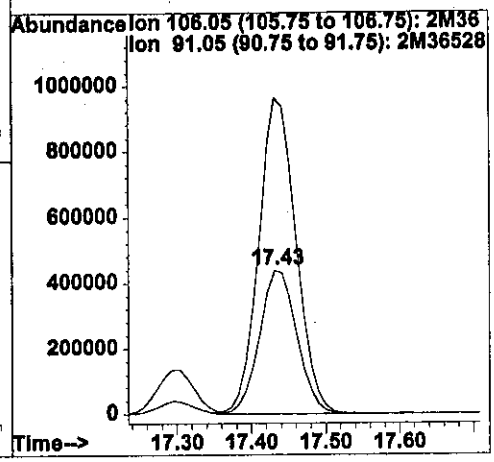


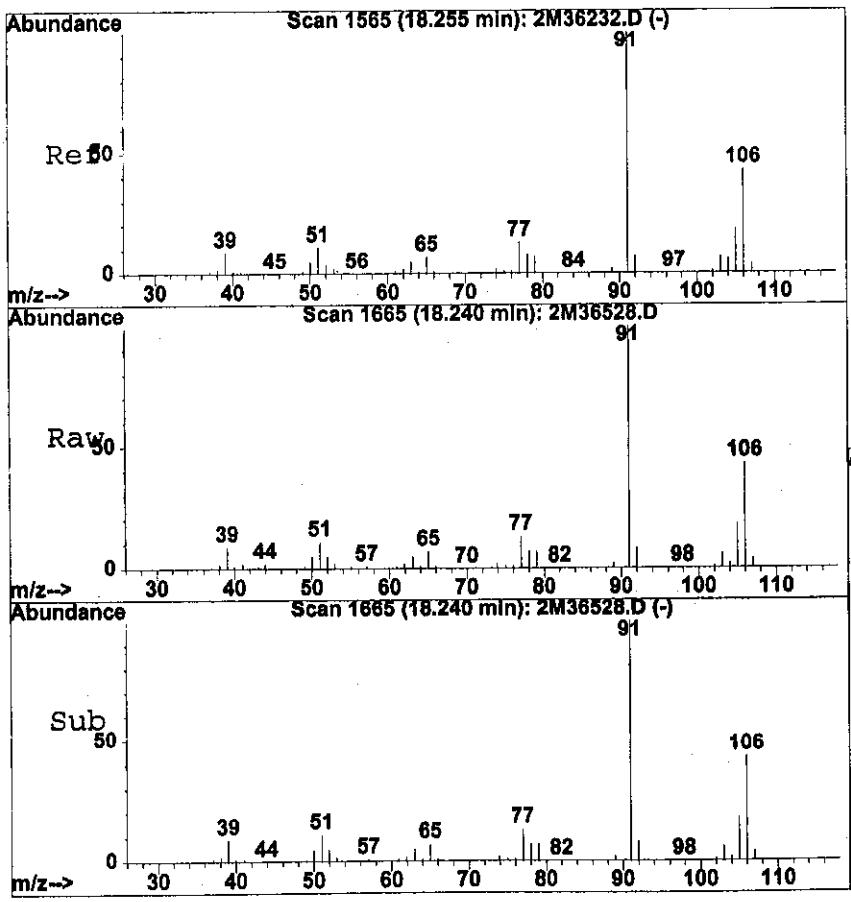


#59
m-,p-Xylene
Concen: 51862.20 UG/L
RT: 17.43 min Scan# 1583
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:106 Resp: 1544045

Ion	Ratio	Lower	Upper
106	100		
91	218.1	173.4	260.2

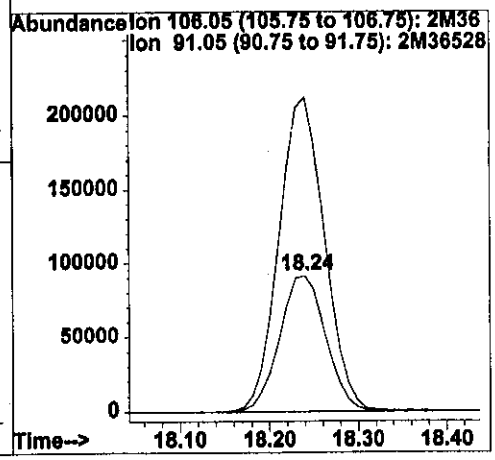


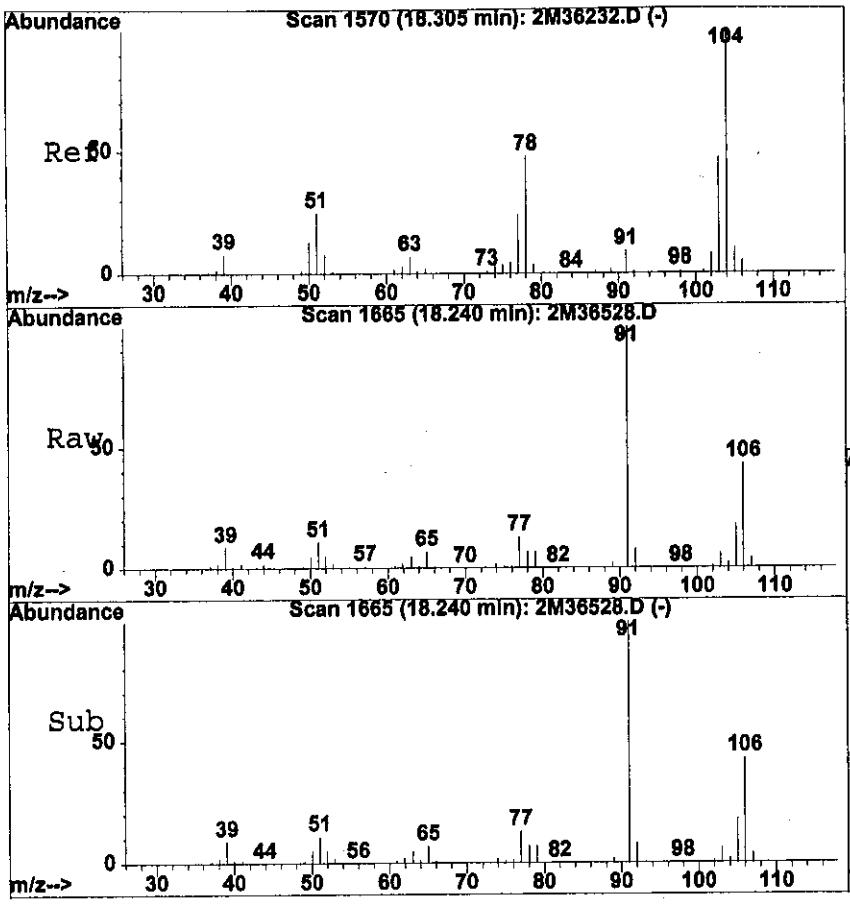


#60
o-Xylene
Concen: 10938.68 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:106 Resp: 326999

Ion	Ratio	Lower	Upper
106	100		
91	229.9	181.0	271.6

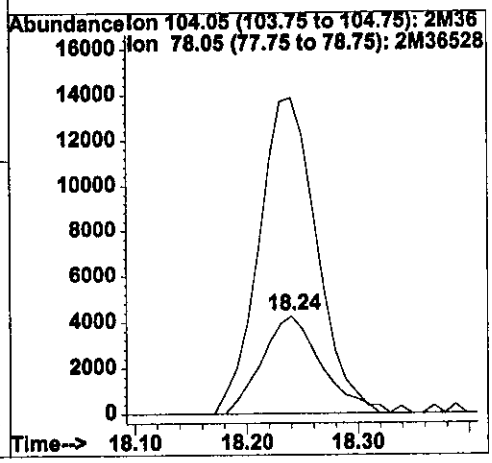


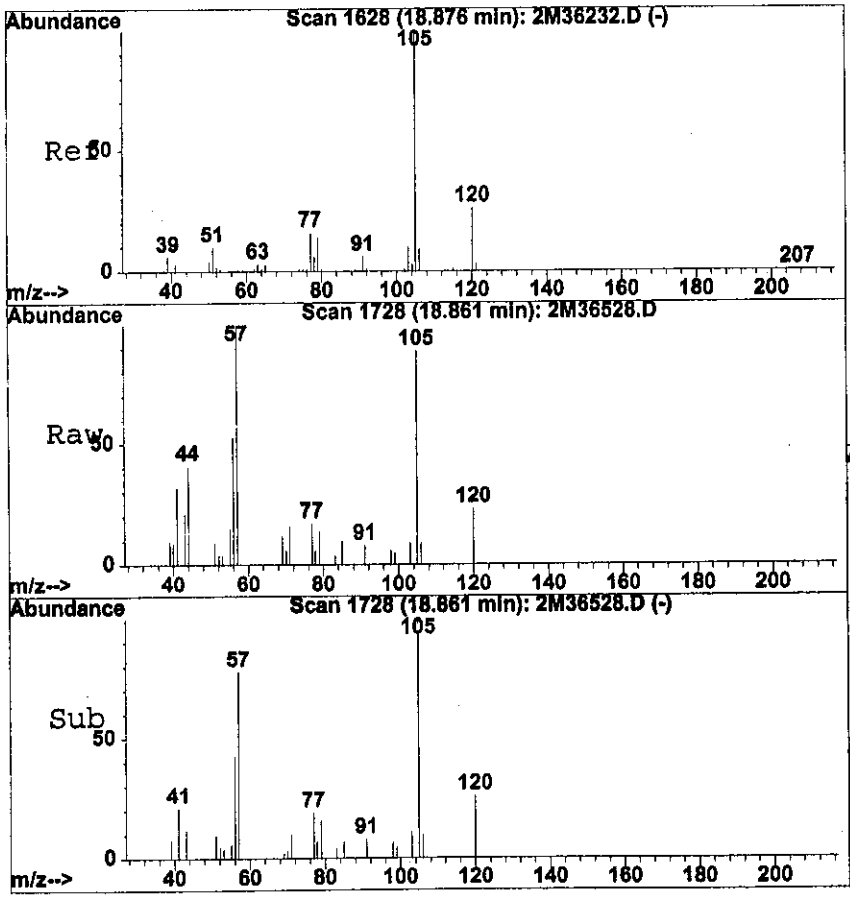


#61
Styrene
Concen: 305.09 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.10 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:104 Resp: 15686

Ion	Ratio	Lower	Upper
104	100		
78	320.6	36.0	54.0#

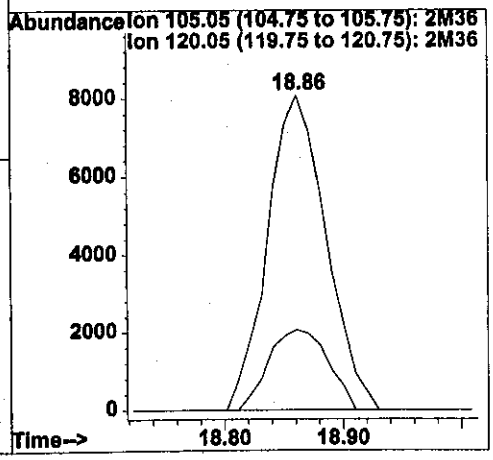


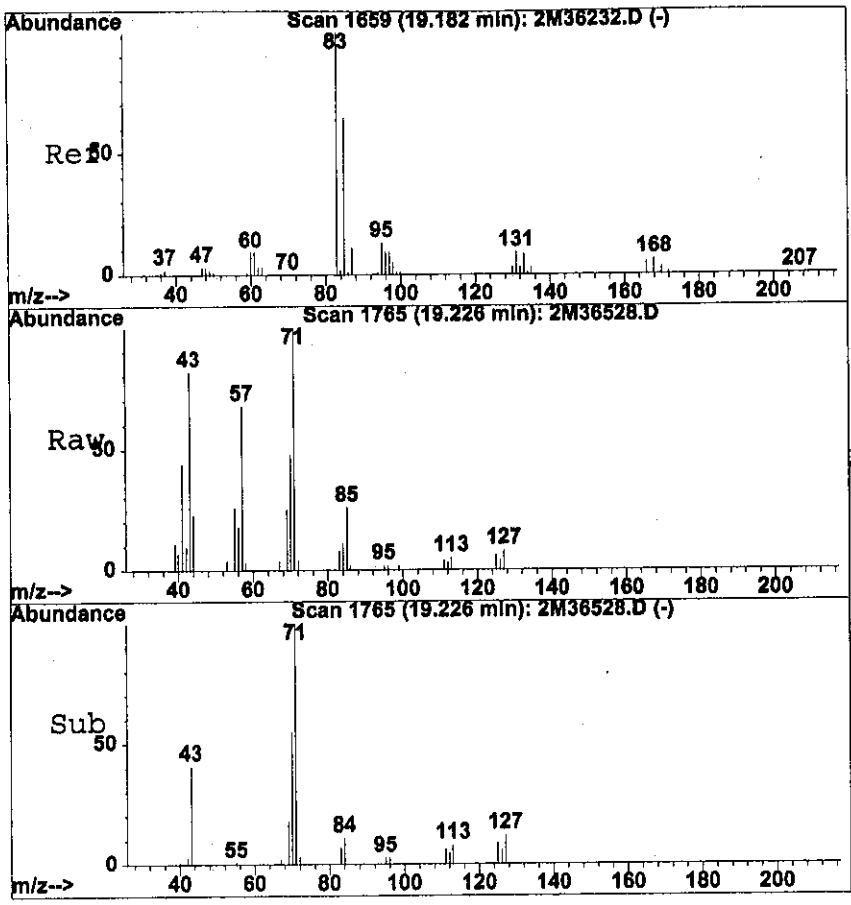


#63
Isopropylbenzene
Concen: 365.55 ug/L
RT: 18.86 min Scan# 1728
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:105 Resp: 27655

Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.7	28.1

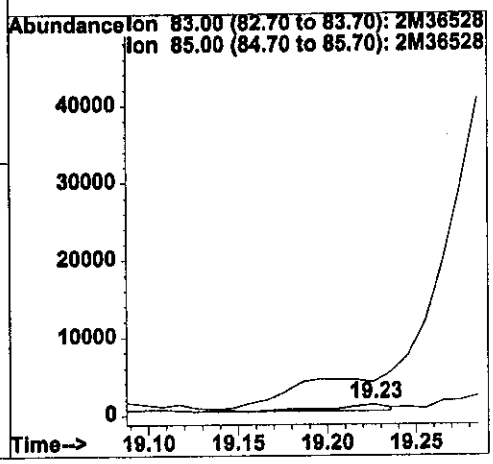


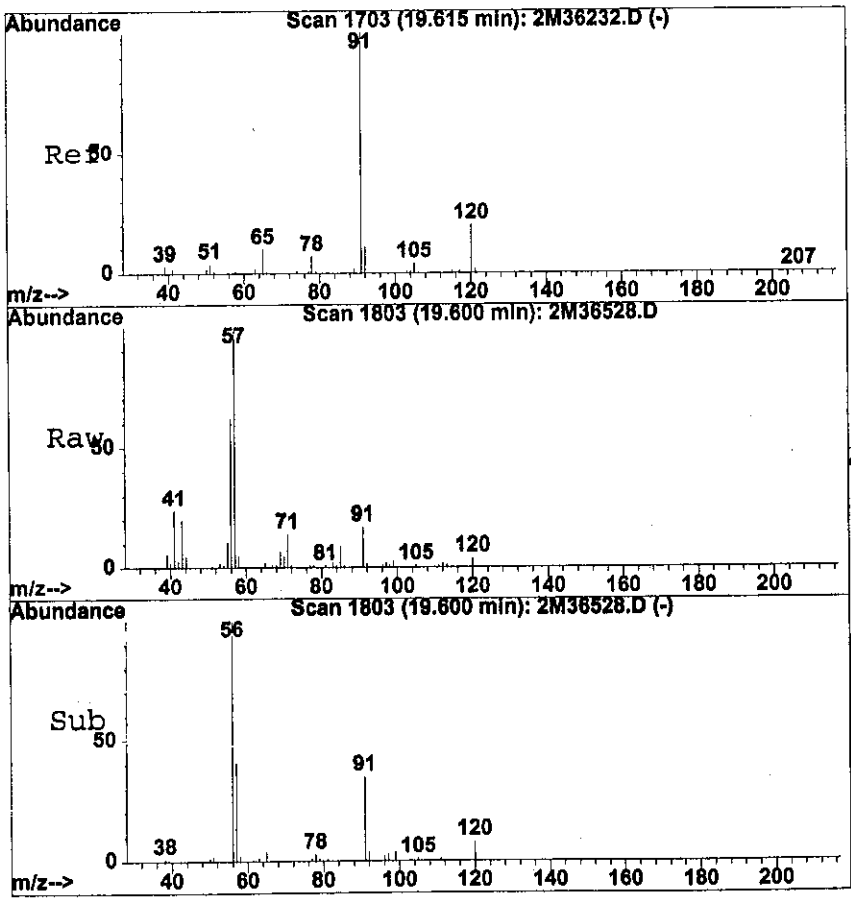


#65
1,1,2,2-Tetrachloroethane
Concen: 124.06 UG/L
RT: 19.23 min Scan# 1765
Delta R.T. 0.01 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 83 Resp: 1643

Ion	Ratio	Lower	Upper
83	100		
85	651.1	44.4	84.4#

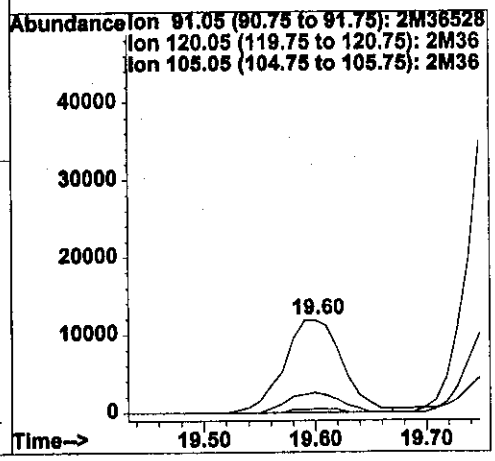


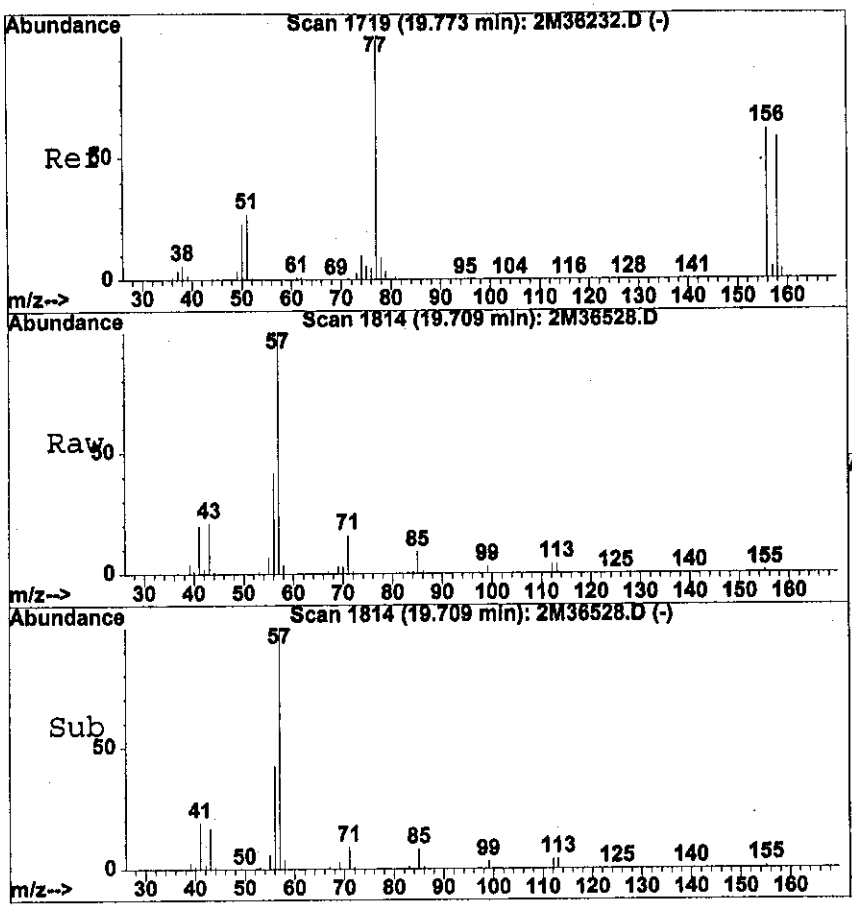


#69
n-Propylbenzene
Concen: 424.72 UG/L
RT: 19.60 min Scan# 1803
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 91 Resp: 43013

Ion	Ratio	Lower	Upper
91	100		
120	19.0	15.5	23.3
105	2.5	3.0	4.4#

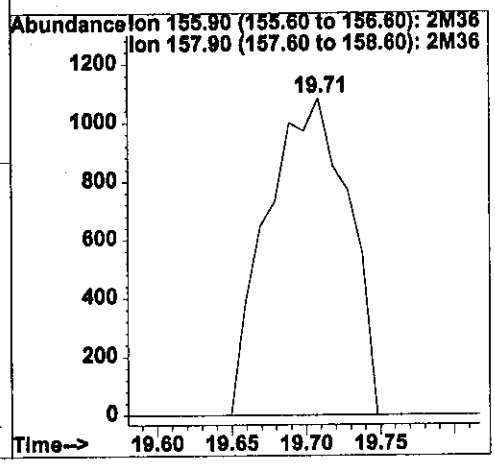


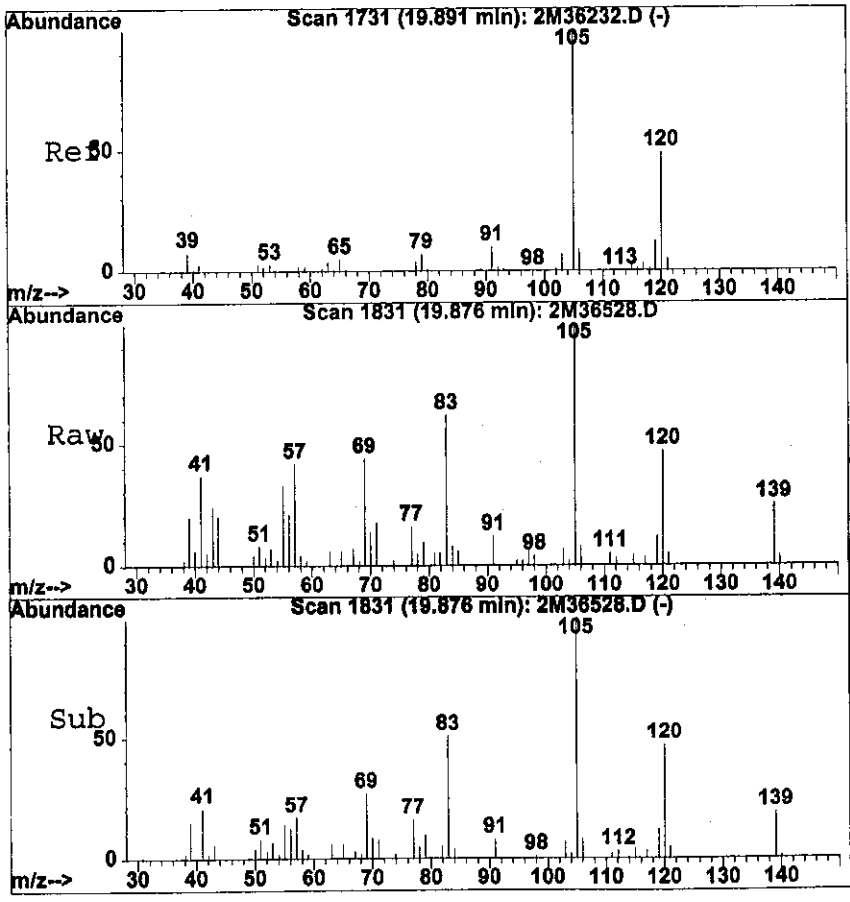


#70
Bromobenzene
Concen: 222.10 UG/L
RT: 19.71 min Scan# 1814
Delta R.T. -0.10 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:156 Resp: 4133

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

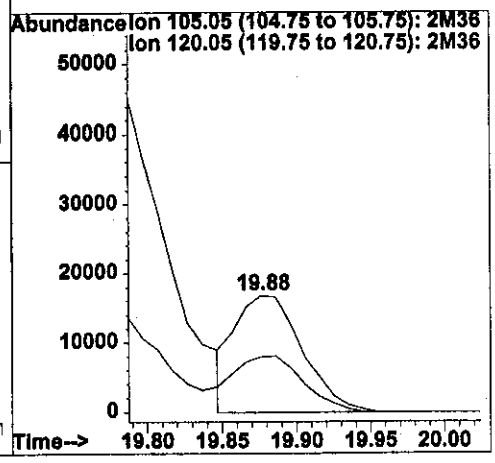


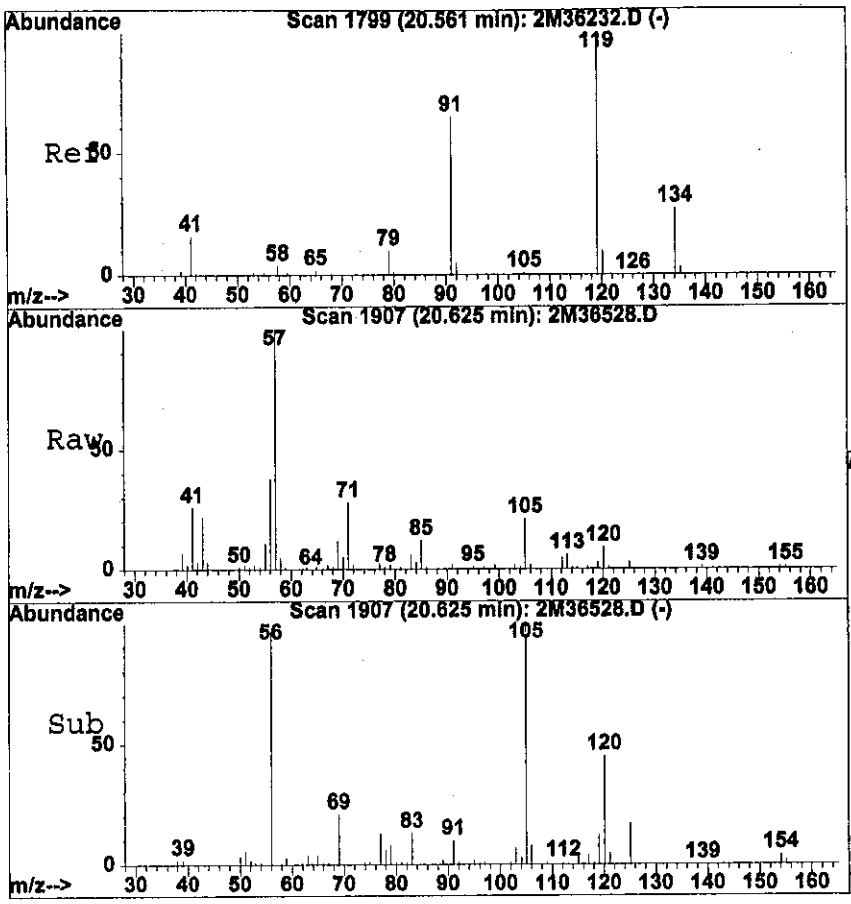


#71
1,3,5-Trimethylbenzene
Concen: 849.25 UG/L
RT: 19.88 min Scan# 1831
Delta R.T. -0.05 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:105 Resp: 52662

Ion	Ratio	Lower	Upper
105	100		
120	52.4	37.0	55.4

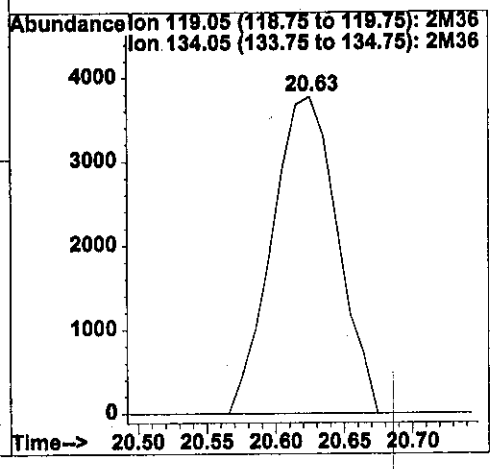


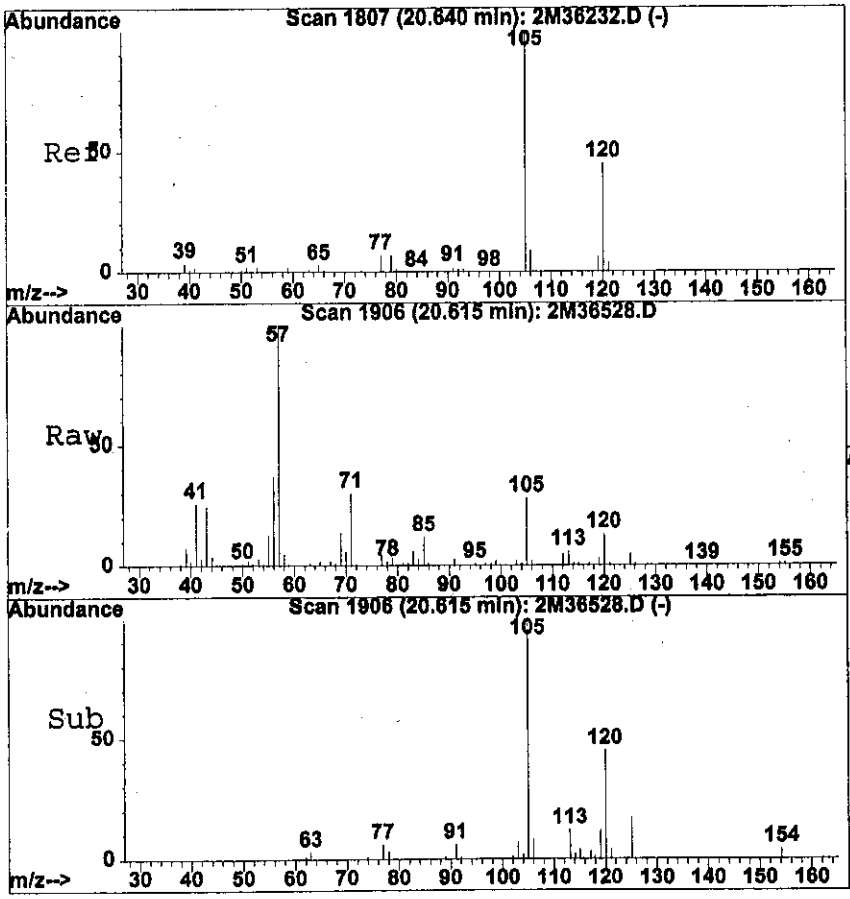


#75
tert-Butylbenzene
Concen: 215.03 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. 0.03 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:119 Resp: 12523

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

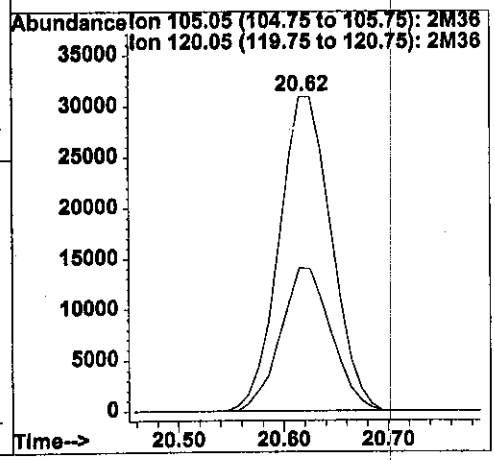


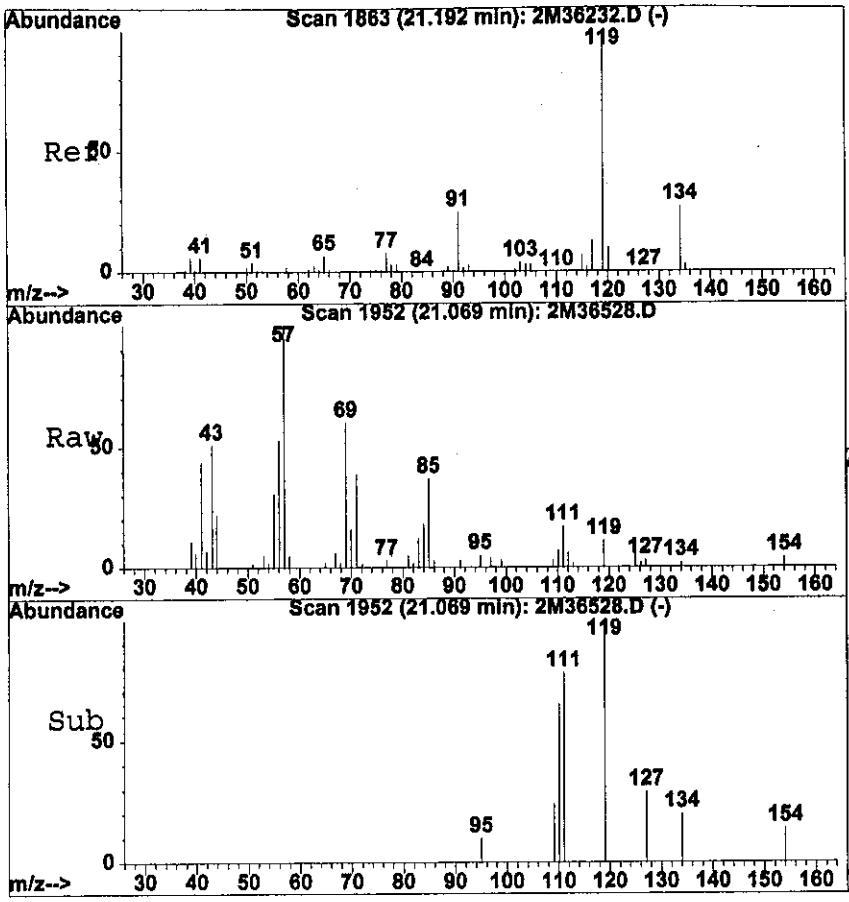


#76
1,2,4-Trimethylbenzene
Concen: 1732.03 UG/L
RT: 20.62 min Scan# 1906
Delta R.T. -0.06 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:105 Resp: 107407

Ion	Ratio	Lower	Upper
105	100		
120	44.0	33.7	50.5

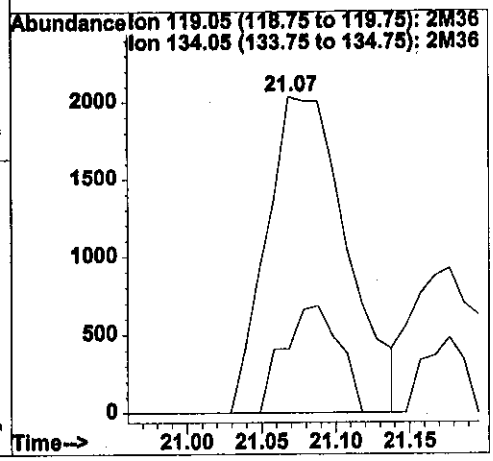


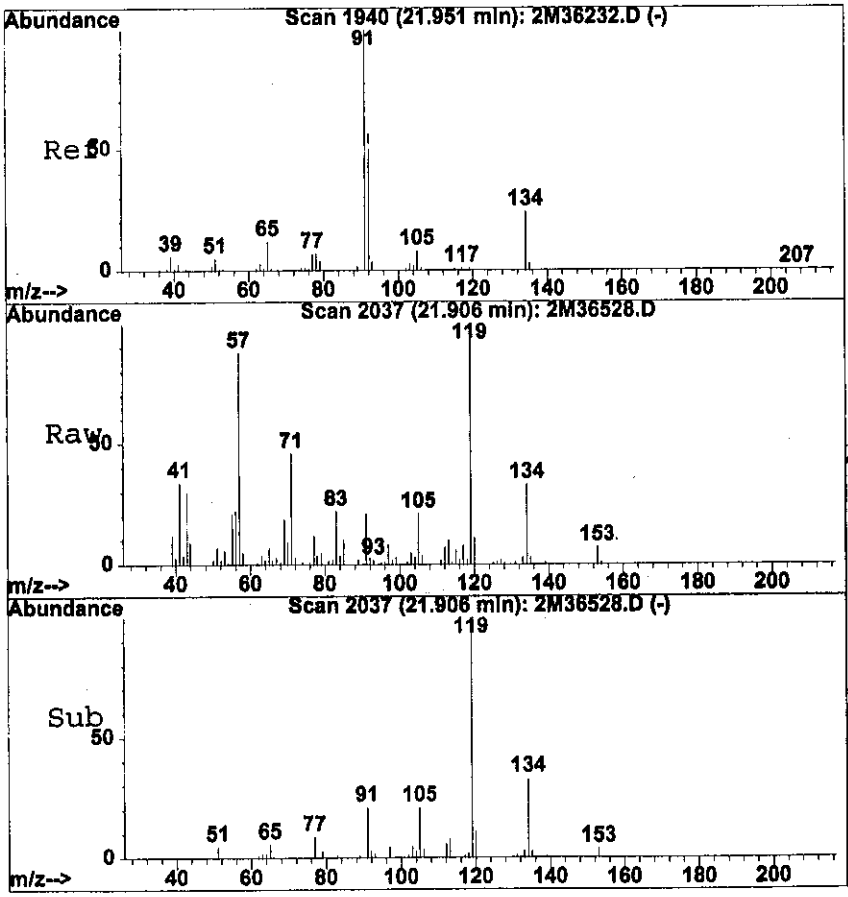


#78
p-Isopropyltoluene
Concen: 130.44 UG/L
RT: 21.07 min Scan# 1952
Delta R.T. -0.16 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:119 Resp: 7651

Ion	Ratio	Lower	Upper
119	100		
134	23.4	21.6	32.4

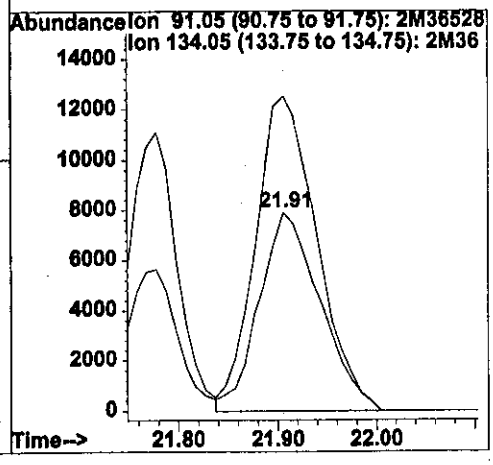


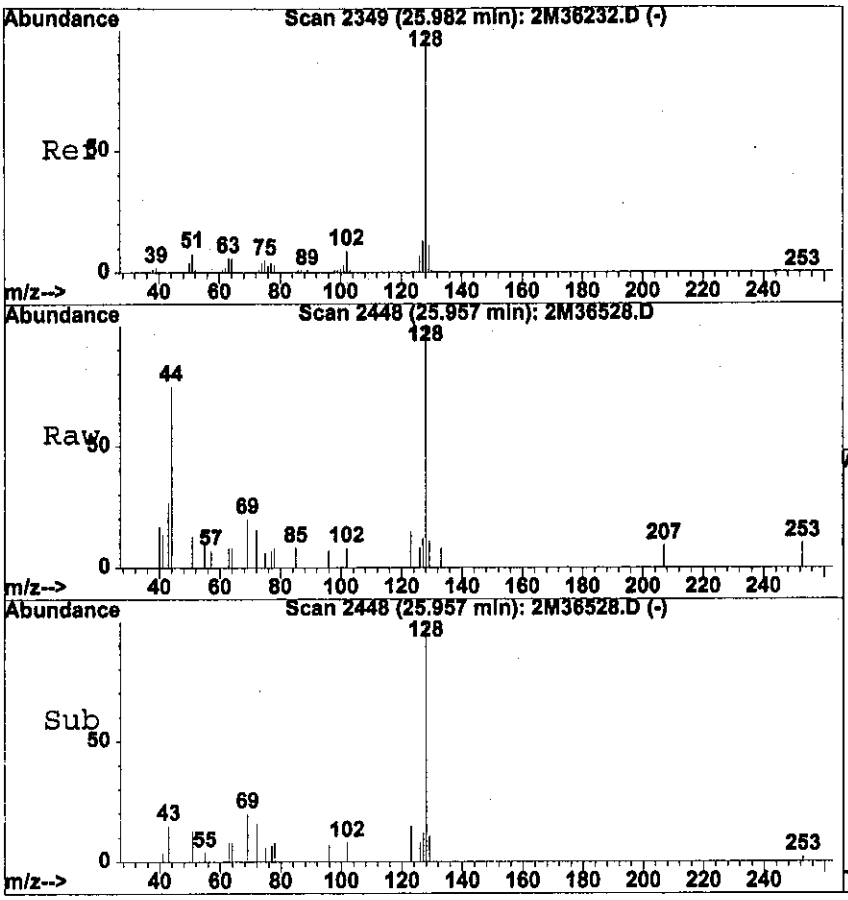


#81
n-Butylbenzene
Concen: 595.21 UG/L
RT: 21.91 min Scan# 2037
Delta R.T. -0.08 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion: 91 Resp: 33740

Ion	Ratio	Lower	Upper
91	100		
134	159.2	19.0	28.6#

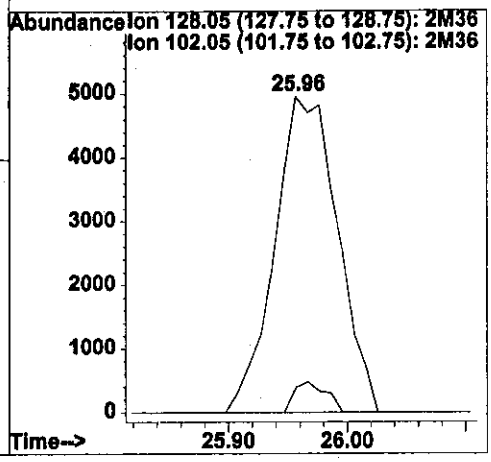




#86
Naphthalene
Concen: 812.81 UG/L
RT: 25.96 min Scan# 2448
Delta R.T. -0.06 min
Lab File: 2M36528.D
Acq: 19 Jun 2000 19:03

Tgt Ion:128 Resp: 18161

Ion	Ratio	Lower	Upper
128	100		
102	0.0	7.0	10.6#

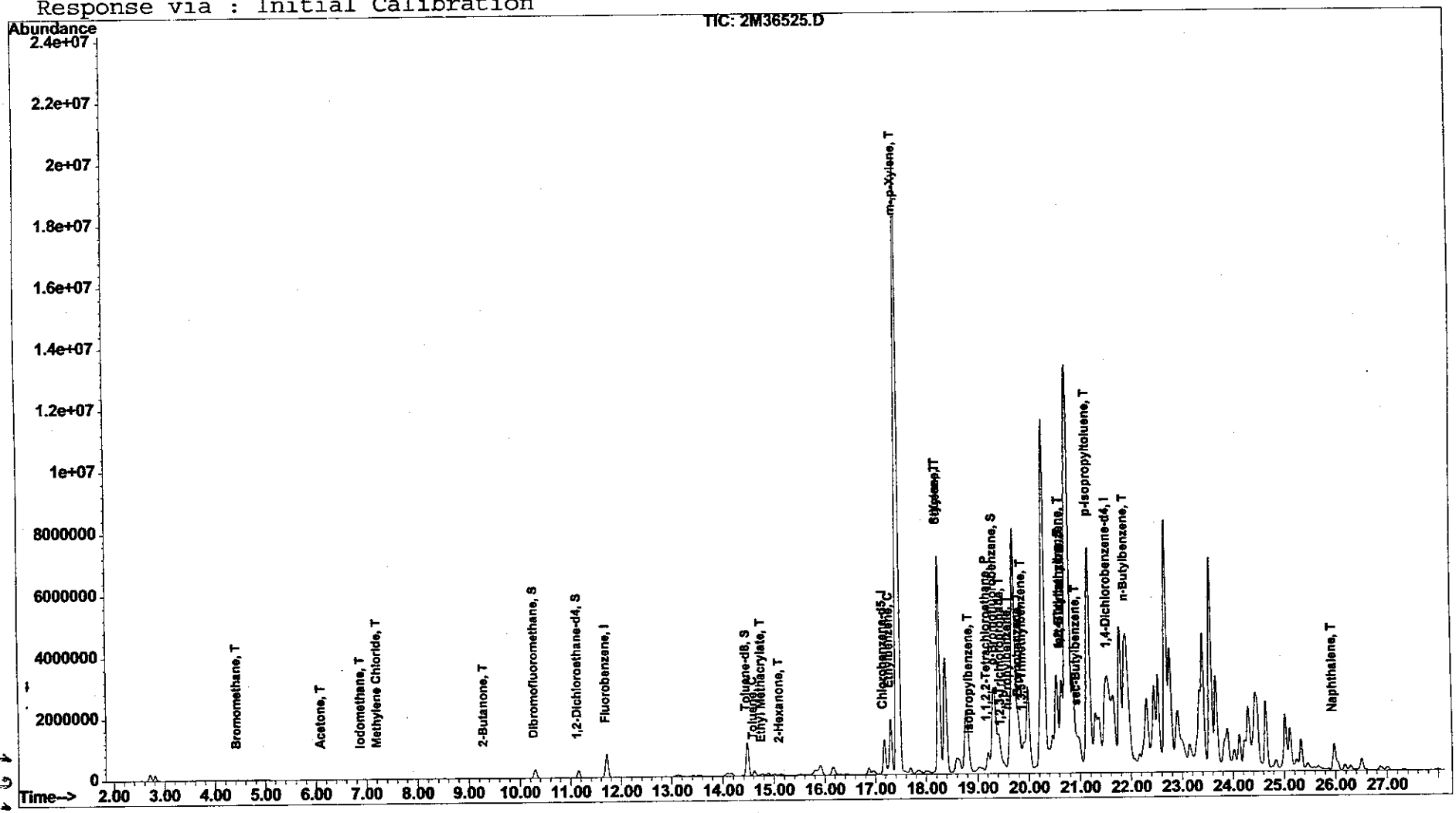


Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36525.D
Acq On : 19 Jun 2000 17:19
Sample : L0006193-02 85X IT CORP 826-SPE-VO 5.8G/
Misc : SOLID,85 (1ML/50ML) 398-PPG-TANK
MS Integration Params: rteint.p
Quant Time: Jun 19 17:48 2000

Vial: 13
Operator: CMS
Inst : HPMS2
Multiplr: ~~1.00~~ 85
6/20/00 CMS
Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36525.D Vial: 13
Acq On : 19 Jun 2000 17:19 Operator: CMS
Sample : L0006193-02 85X IT CORP 826-SPE-VO 5.8G/ Inst : HPMS2
Misc : SOLID,85 (1ML/50ML) 398-PPG-TANK Multiplr: 85.00
MS Integration Params: rteint.p
Quant Time: Jun 19 17:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.72	96	1322813	25.00 UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1139431	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	533423	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	341835	25.59 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 102.36%		
33) 1,2-Dichloroethane-d4	11.15	65	279756	24.37 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 97.48%		
45) Toluene-d8	14.48	98	1411208	24.28 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.12%		
66) p-Bromofluorobenzene	19.35	95	539266	24.27 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 97.08%		
Target Compounds					Qvalue
5) Bromomethane	4.44	94	3746	54.79 UG/L #	35
11) Acetone	6.10	43	13572	875.46 UG/L #	88
14) Iodomethane	6.91	142	3186	24.60 UG/L #	37
15) Methylene Chloride	7.22	84	4130	27.35 UG/L	93
23) 2-Butanone	9.32	43	45181	328.21 UG/L #J	88
46) Toluene	14.61	91	210161	227.55 ug/L J	99
47) Ethyl Methacrylate	14.77	69	18787	95.99 UG/L #	56
50) 2-Hexanone	15.13	43	24485	345.23 UG/L #	53
58) Ethylbenzene	17.30	106	751376	2586.43 UG/L	97
59) m-,p-Xylene	17.44	106	14201946	40620.62 UG/L	88
60) o-Xylene	18.24	106	3967473	11301.60 UG/L	97
61) Styrene	18.25	104	186838	309.45 UG/L #	1
63) Isopropylbenzene	18.87	105	120930	136.12 ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.21	83	17600	116.02 UG/L #	1
67) 1,2,3-Trichloropropane	19.48	110	10281	320.03 UG/L #	1
69) n-Propylbenzene	19.60	91	146018	125.87 UG/L	100
70) Bromobenzene	19.83	156	3357	15.75 UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	703977	991.09 UG/L	98
75) tert-Butylbenzene	20.63	119	194100	290.96 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	1648467	2320.71 UG/L	95
77) sec-Butylbenzene	20.94	105	29688	35.40 UG/L	94
78) p-Isopropyltoluene	21.18	119	68365	101.75 UG/L	100
81) n-Butylbenzene	21.92	91	1006796	1550.55 UG/L #	1
86) Naphthalene	25.98	128	1404214	5486.53 UG/L	98

(#) = qualifier out of range (m) = manual integration

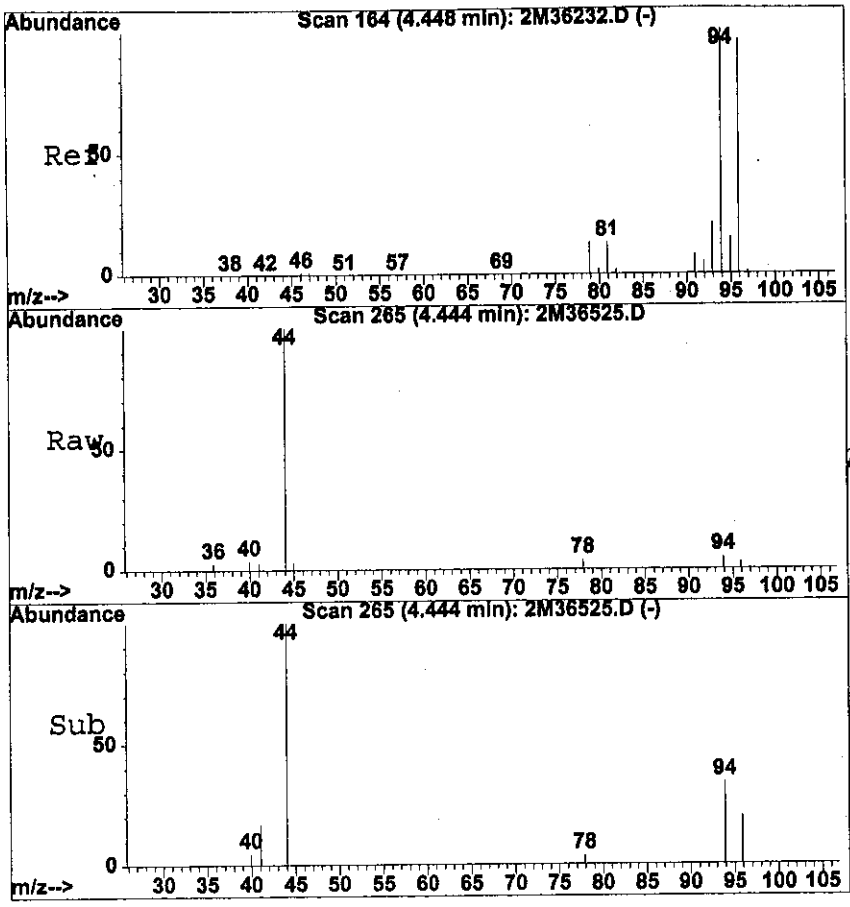
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36525.D Vial: 13
Acq On : 19 Jun 2000 17:19 Operator: CMS
Sample : L0006193-02 85X IT CORP 826-SPE-VO 5.8G/ Inst : HPMS2
Misc : SOLID,85 (1ML/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 17:48 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.72	96	1322813	25.00 UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1139431	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	533423	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	341835	25.59 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 102.36%		
33) 1,2-Dichloroethane-d4	11.15	65	279756	24.37 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 97.48%		
45) Toluene-d8	14.48	98	1411208	24.28 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.12%		
66) p-Bromofluorobenzene	19.35	95	539266	24.27 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 97.08%		
Target Compounds					Qvalue
5) Bromomethane	4.44	94	3746	0.64 UG/L #	35
11) Acetone	6.10	43	13572	10.30 UG/L #	88
14) Iodomethane	6.91	142	3186	0.29 UG/L #	37
15) Methylene Chloride	7.22	84	4130	0.32 UG/L	93
23) 2-Butanone	9.32	43	45181	15.63 UG/L #J	88
46) Toluene	14.61	91	210161	2.68 ug/L J	99
47) Ethyl Methacrylate	14.77	69	18787	1.13 UG/L #	56
50) 2-Hexanone	15.13	43	24485	4.06 UG/L #	53
58) Ethylbenzene	17.30	106	751376	30.43 UG/L	97
59) m-,p-Xylene	17.44	106	14201946	477.89 UG/L	88
60) o-Xylene	18.24	106	3967473	132.96 UG/L	97
61) Styrene	18.25	104	186838	3.64 UG/L #	1
63) Isopropylbenzene	18.87	105	120930	1.60 ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.21	83	17600	1.36 UG/L #	1
67) 1,2,3-Trichloropropane	19.48	110	10281	3.77 UG/L #	1
69) n-Propylbenzene	19.60	91	146018	1.48 UG/L	100
70) Bromobenzene	19.83	156	3357	0.19 UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	703977	11.66 UG/L	98
75) tert-Butylbenzene	20.63	119	194100	3.42 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	1648467	27.30 UG/L	95
77) sec-Butylbenzene	20.94	105	29688	0.42 UG/L	94
78) p-Isopropyltoluene	21.18	119	68365	1.20 UG/L	100
81) n-Butylbenzene	21.92	91	1006796	18.24 UG/L #	1
86) Naphthalene	25.98	128	1404214	64.55 UG/L	98

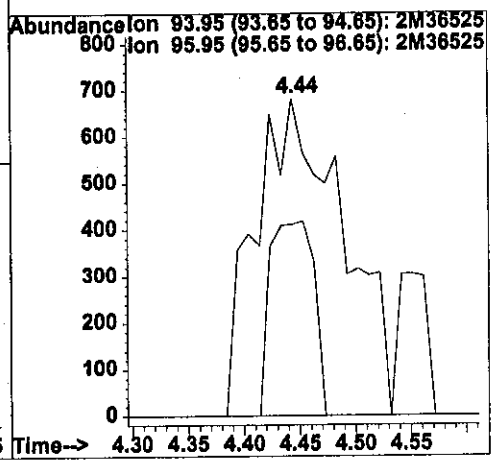
(#) = qualifier out of range (m) = manual integration

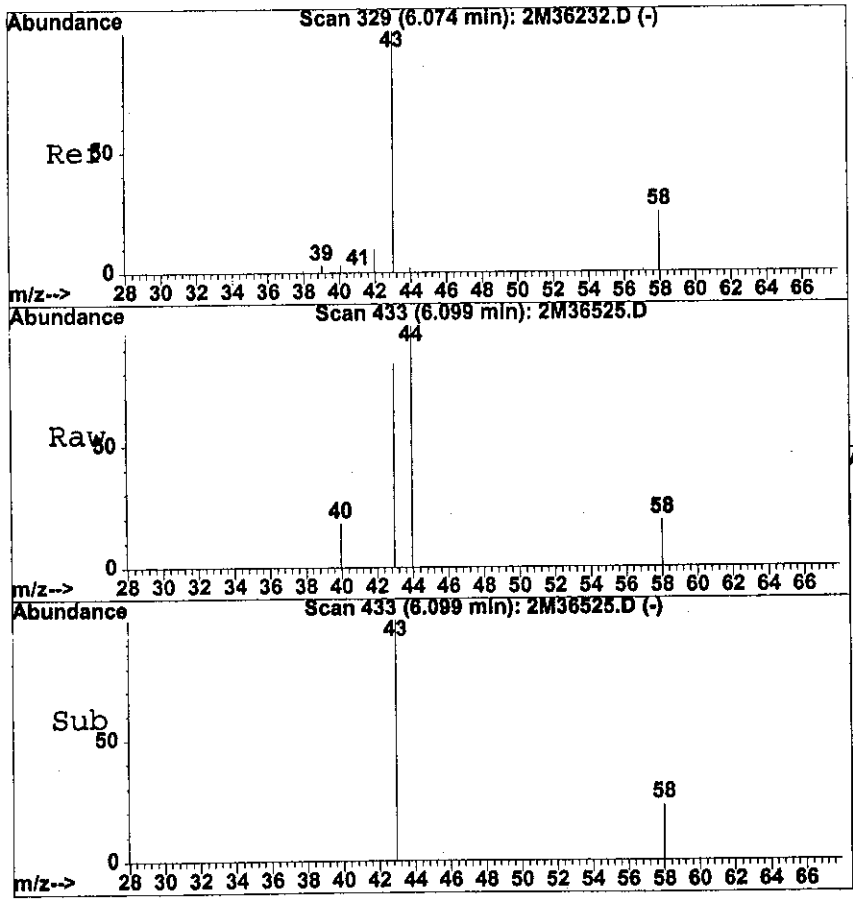


#5
Bromomethane
Concen: 54.79 UG/L
RT: 4.44 min Scan# 265
Delta R.T. -0.06 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 94 Resp: 3746

Ion	Ratio	Lower	Upper
94	100		
96	30.4	73.7	110.5#

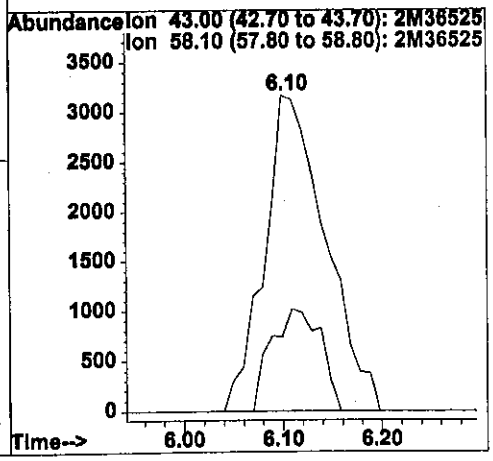


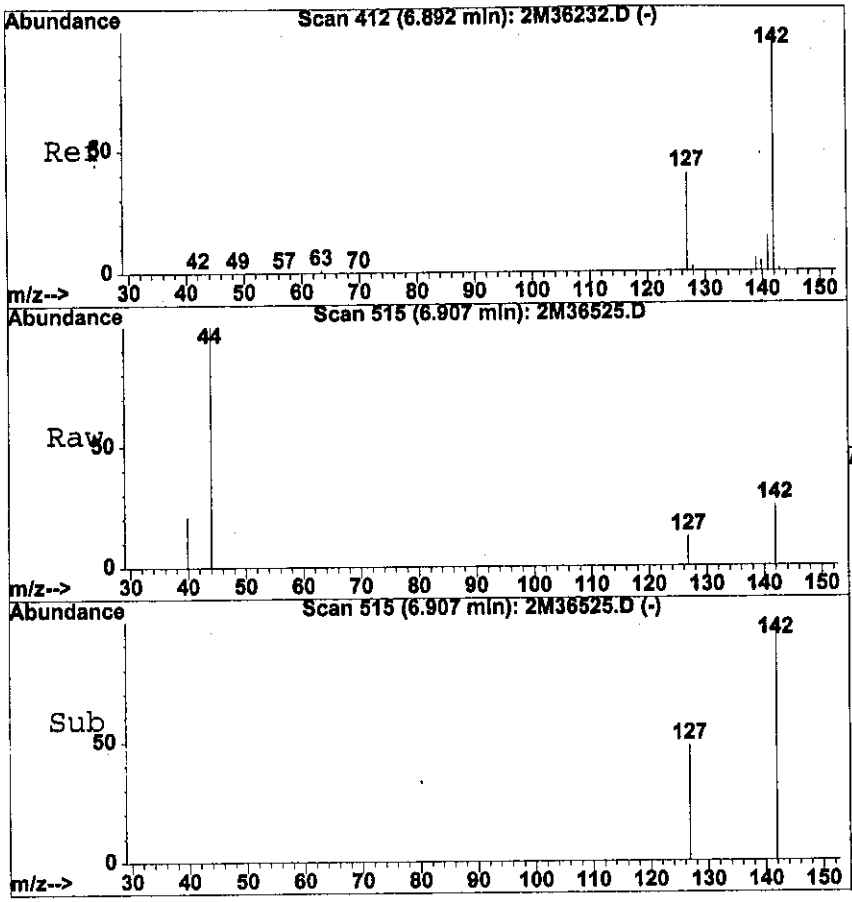


#11
Acetone
Concen: 875.46 UG/L
RT: 6.10 min Scan# 433
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 43 Resp: 13572

Ion	Ratio	Lower	Upper
43	100		
58	26.0	16.3	24.5#

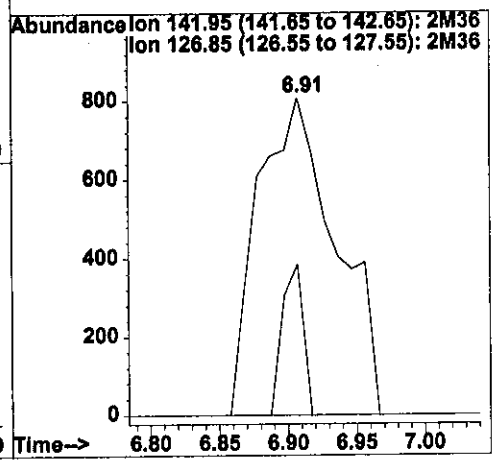


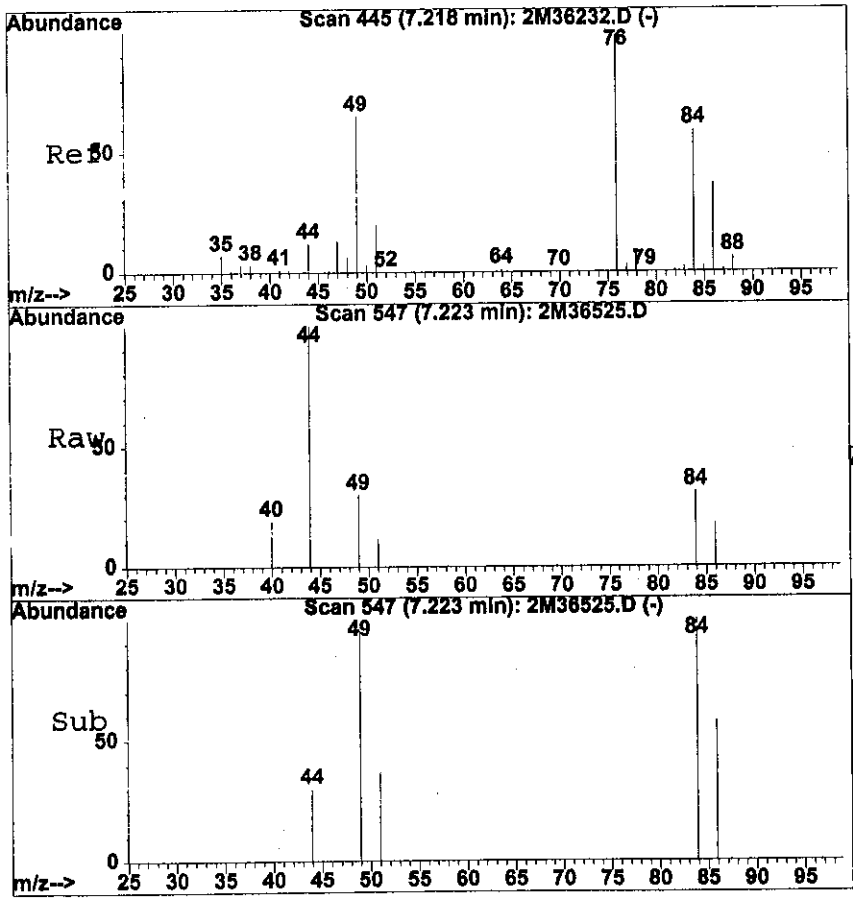


#14
Iodomethane
Concen: 24.60 UG/L
RT: 6.91 min Scan# 515
Delta R.T. -0.03 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:142 Resp: 3186

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.4	45.6#

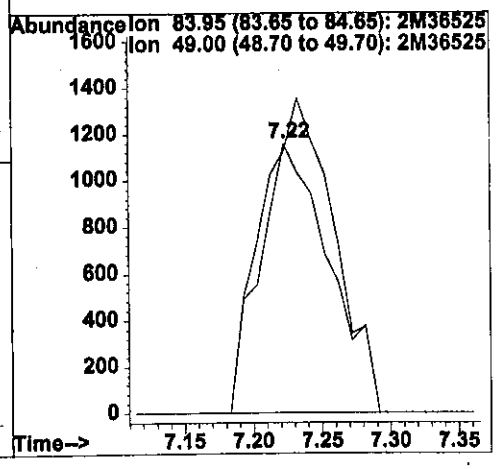


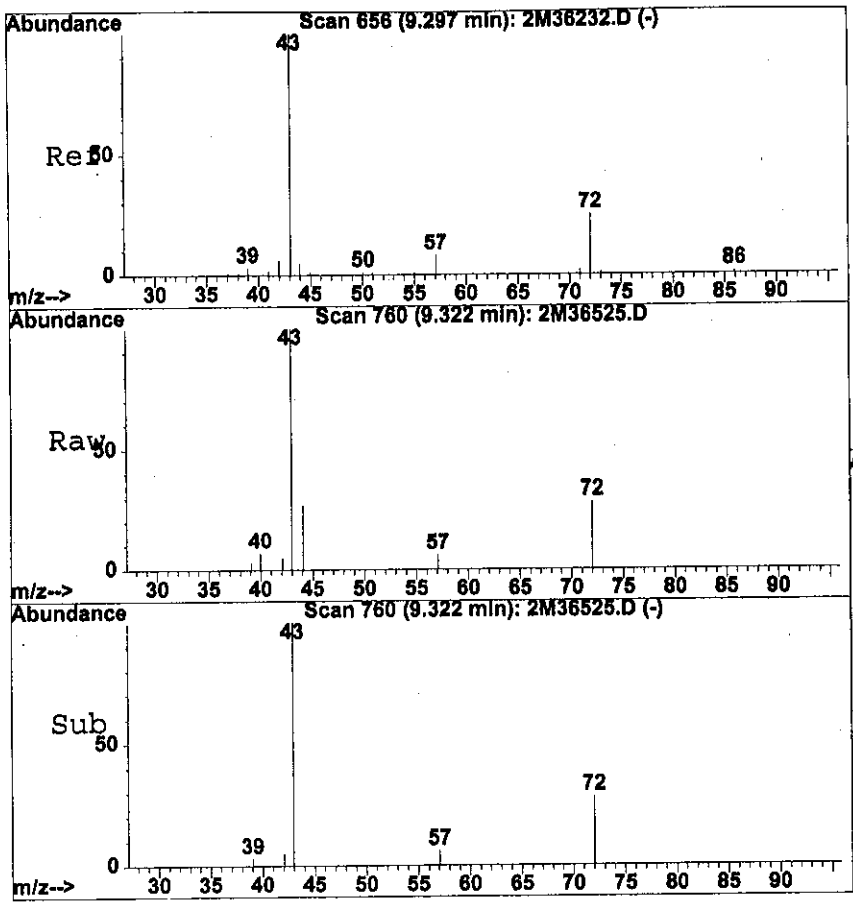


#15
Methylene Chloride
Concen: 27.35 UG/L
RT: 7.22 min Scan# 547
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 84 Resp: 4130

Ion	Ratio	Lower	Upper
84	100		
49	120.2	102.2	153.4

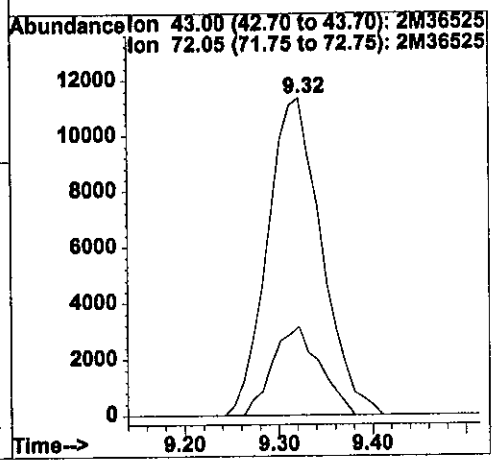


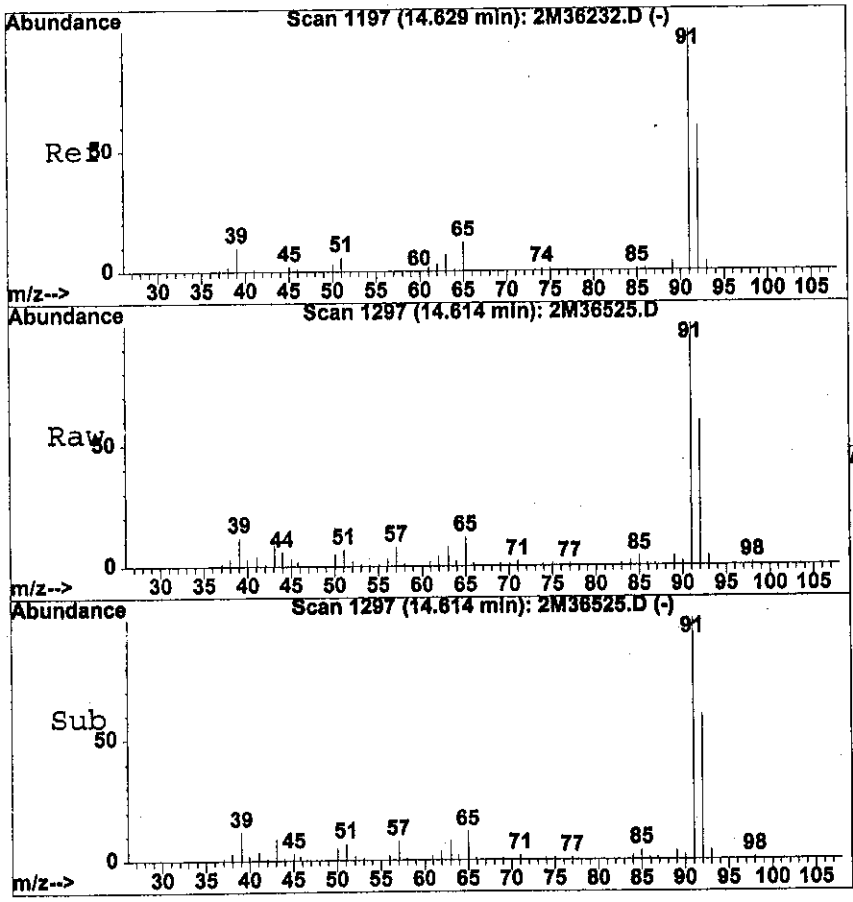


#23
2-Butanone
Concen: 1328.21 UG/L
RT: 9.32 min Scan# 760
Delta R.T. -0.02 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 43 Resp: 45181

Ion	Ratio	Lower	Upper
43	100		
72	24.4	15.3	22.9#

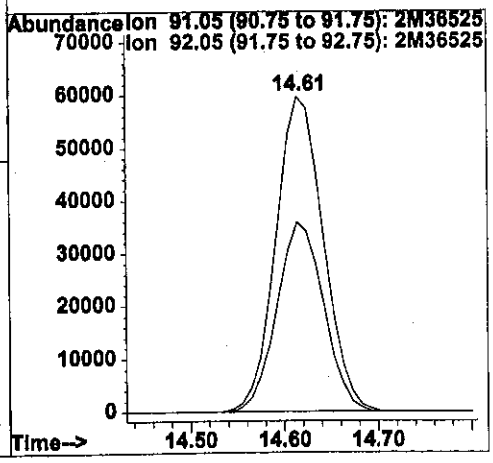


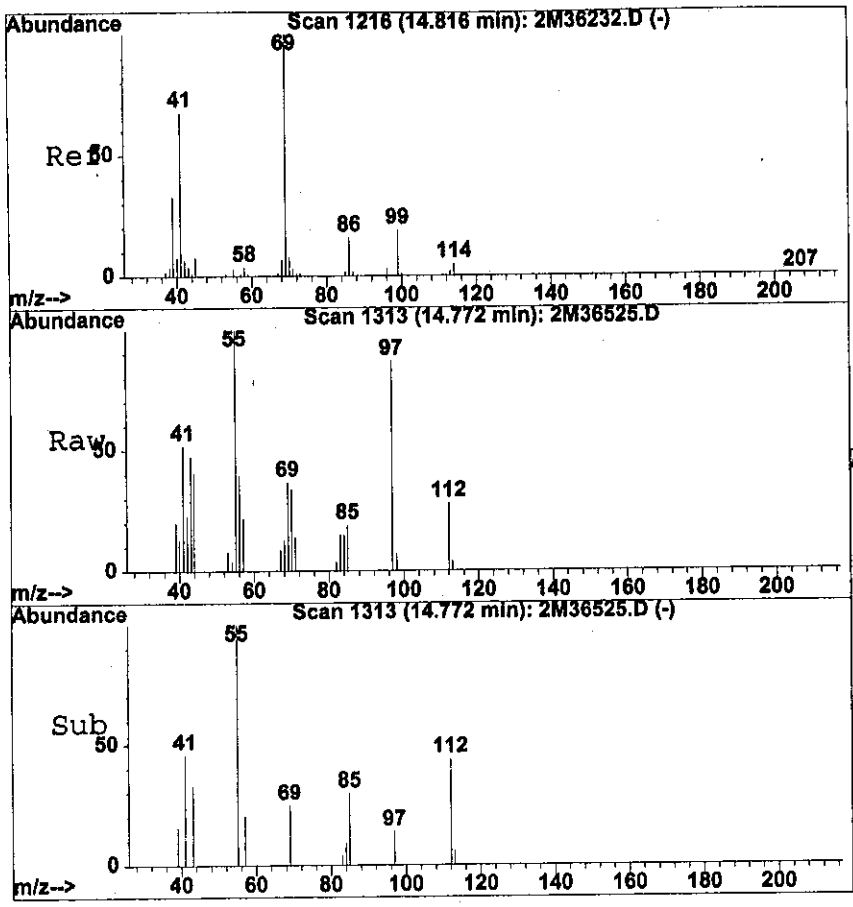


#46
Toluene
Concen: 227.55 ug/L
RT: 14.61 min Scan# 1297
Delta R.T. -0.05 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 91 Resp: 210161

Ion	Ratio	Lower	Upper
91	100		
92	59.3	48.3	72.5

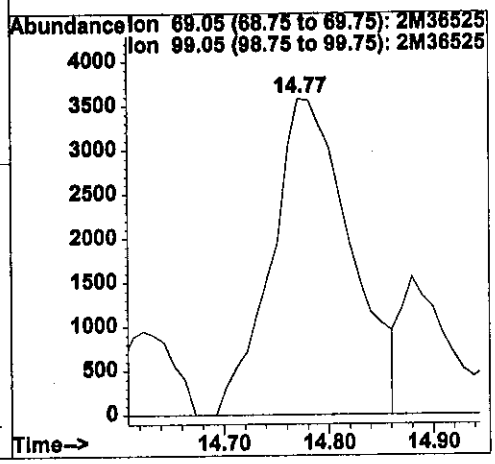


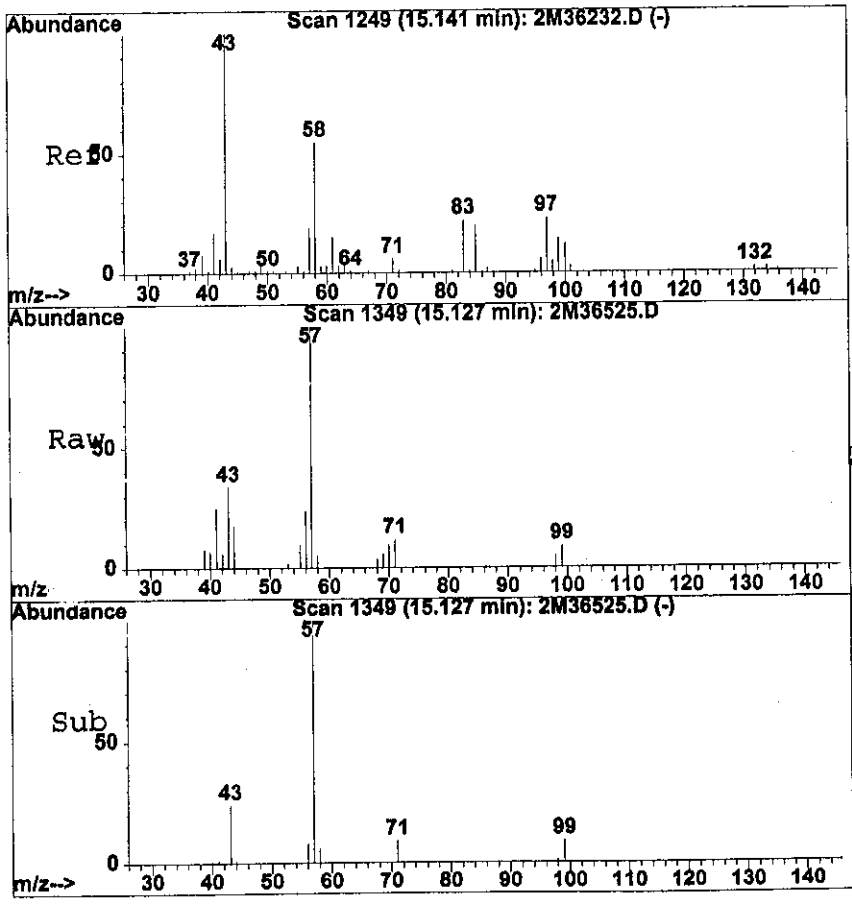


#47
Ethyl Methacrylate
Concen: 95.99 UG/L
RT: 14.77 min Scan# 1313
Delta R.T. -0.08 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 69 Resp: 18787

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

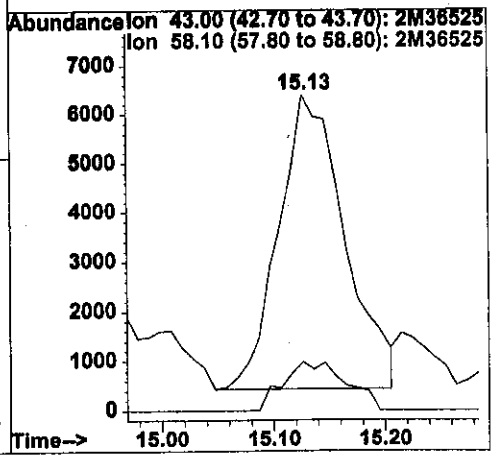


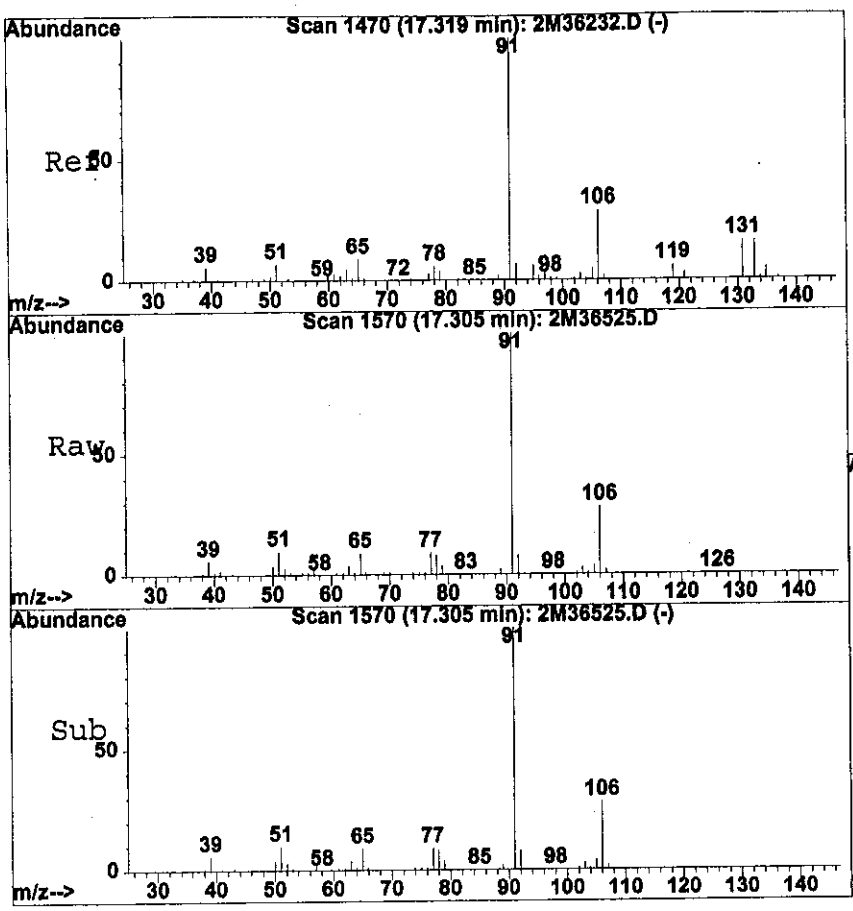


#50
2-Hexanone
Concen: 345.23 UG/L
RT: 15.13 min Scan# 1349
Delta R.T. -0.05 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 43 Resp: 24485

Ion	Ratio	Lower	Upper
43	100		
58	15.7	37.7	56.5#

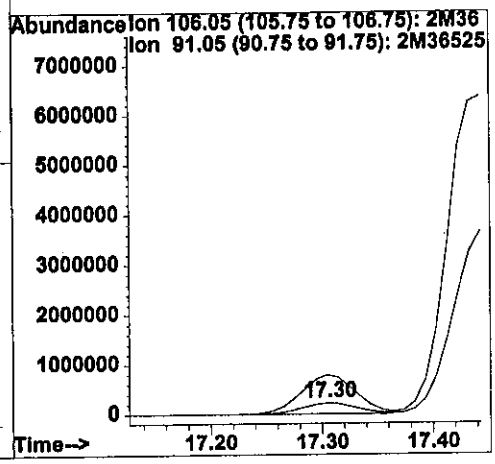


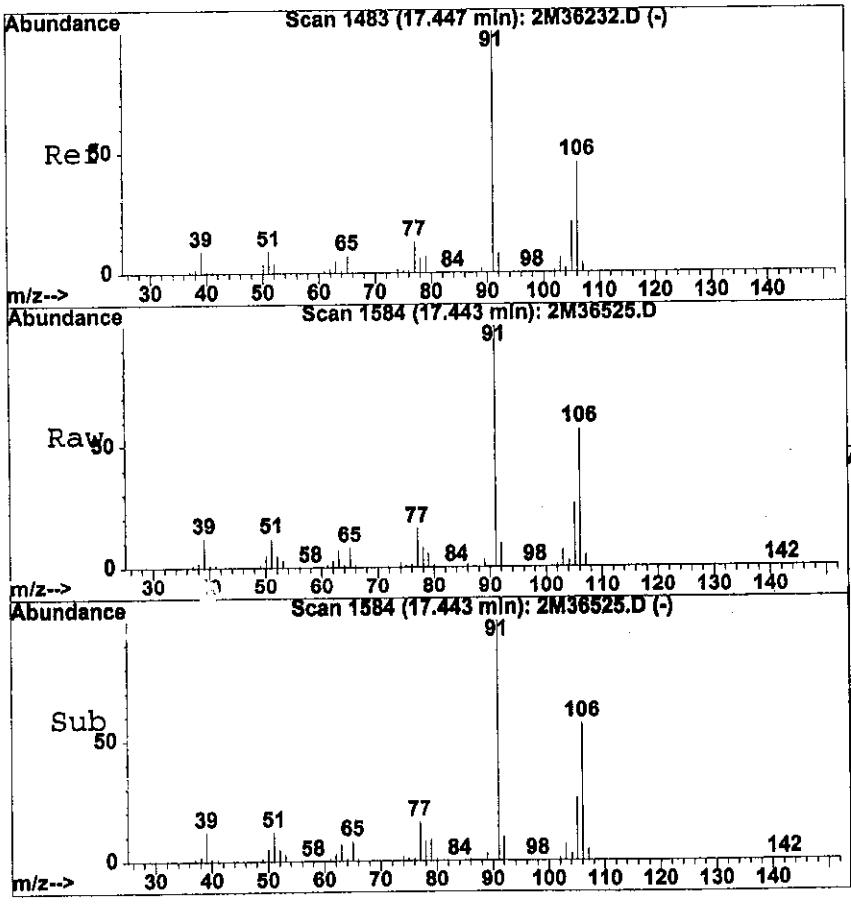


#58
Ethylbenzene
Concen: 2586.43 UG/L
RT: 17.30 min Scan# 1570
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:106 Resp: 751376

Ion	Ratio	Lower	Upper
106	100		
91	354.9	277.9	416.9

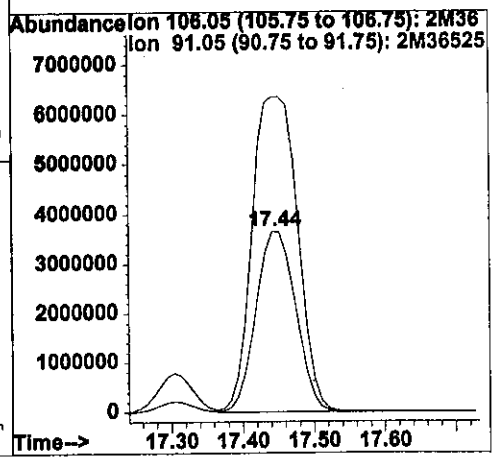


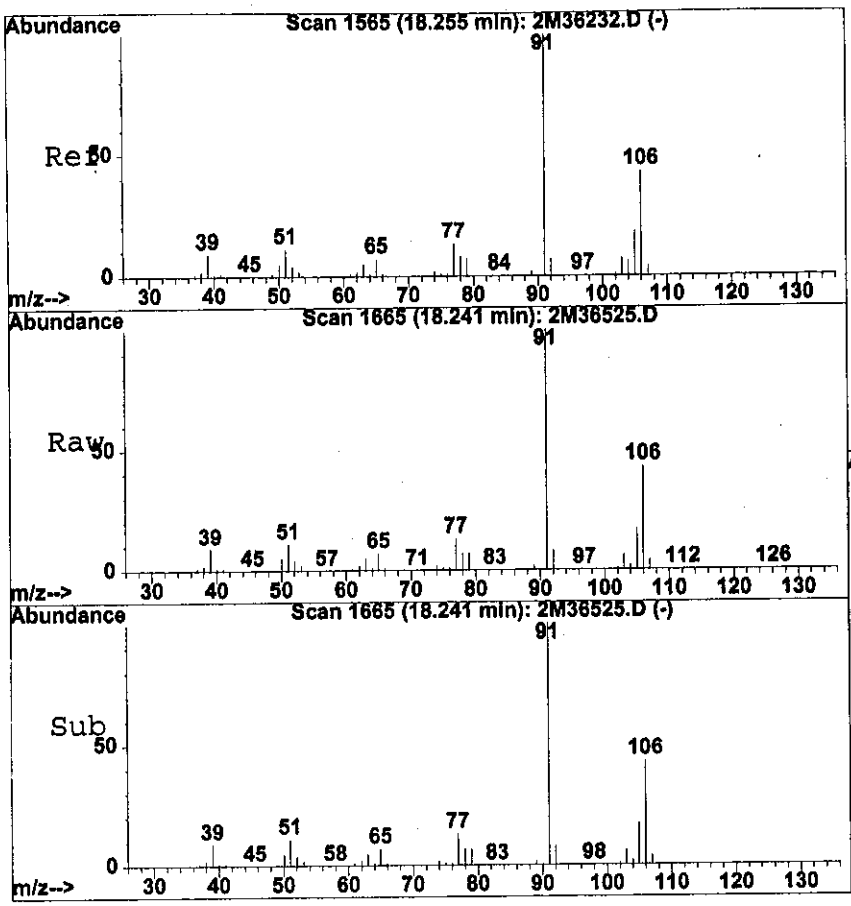


#59
m-,p-Xylene
Concen: 40620.62 UG/L
RT: 17.44 min Scan# 1584
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:106 Resp:14201946

Ion	Ratio	Lower	Upper
106	100		
91	198.4	173.4	260.2

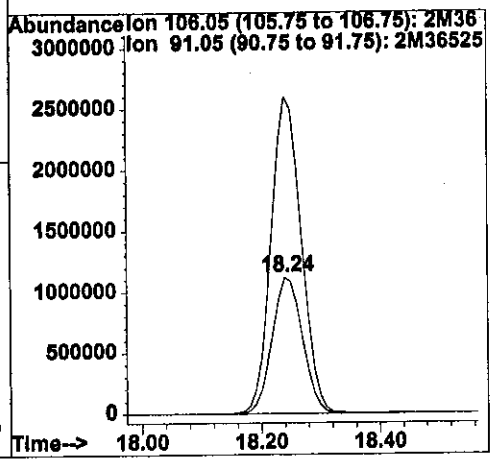


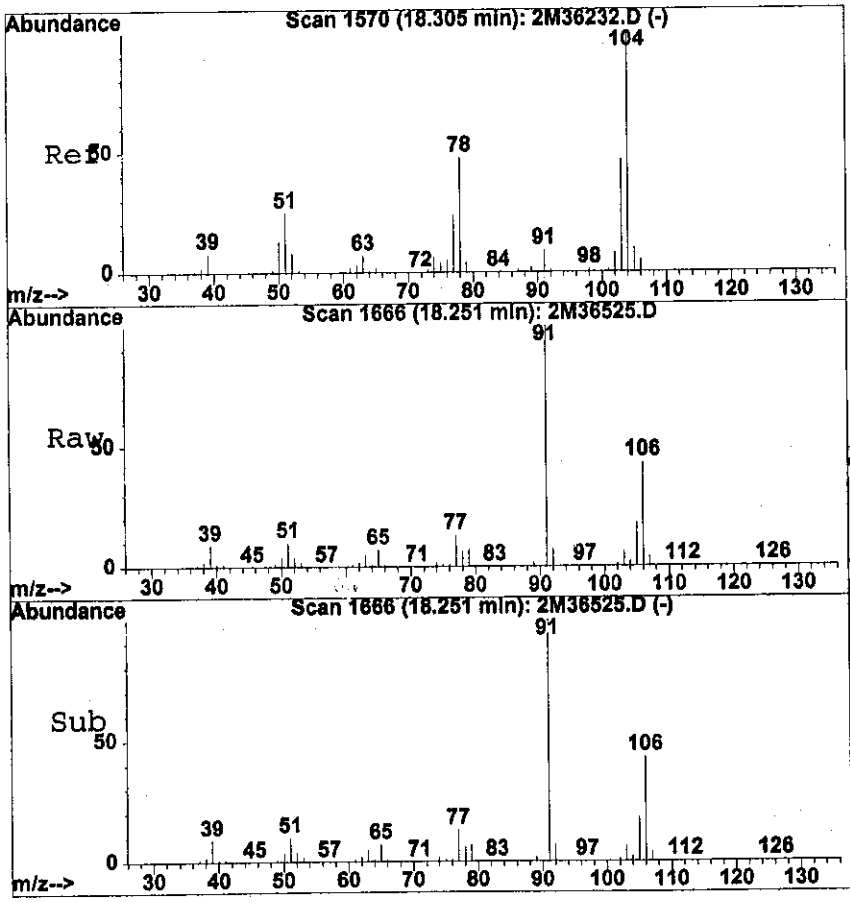


#60
o-Xylene
Concen: 11301.60 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:106 Resp: 3967473

Ion	Ratio	Lower	Upper
106	100		
91	231.4	181.0	271.6

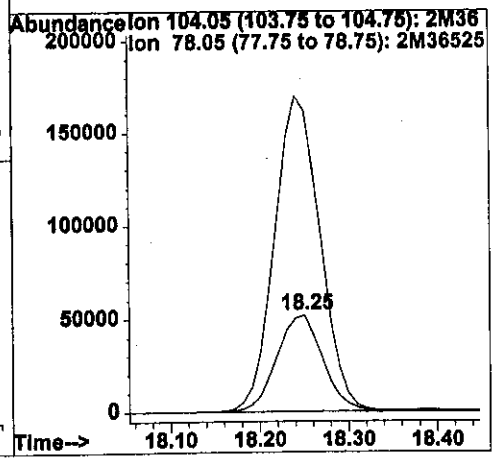


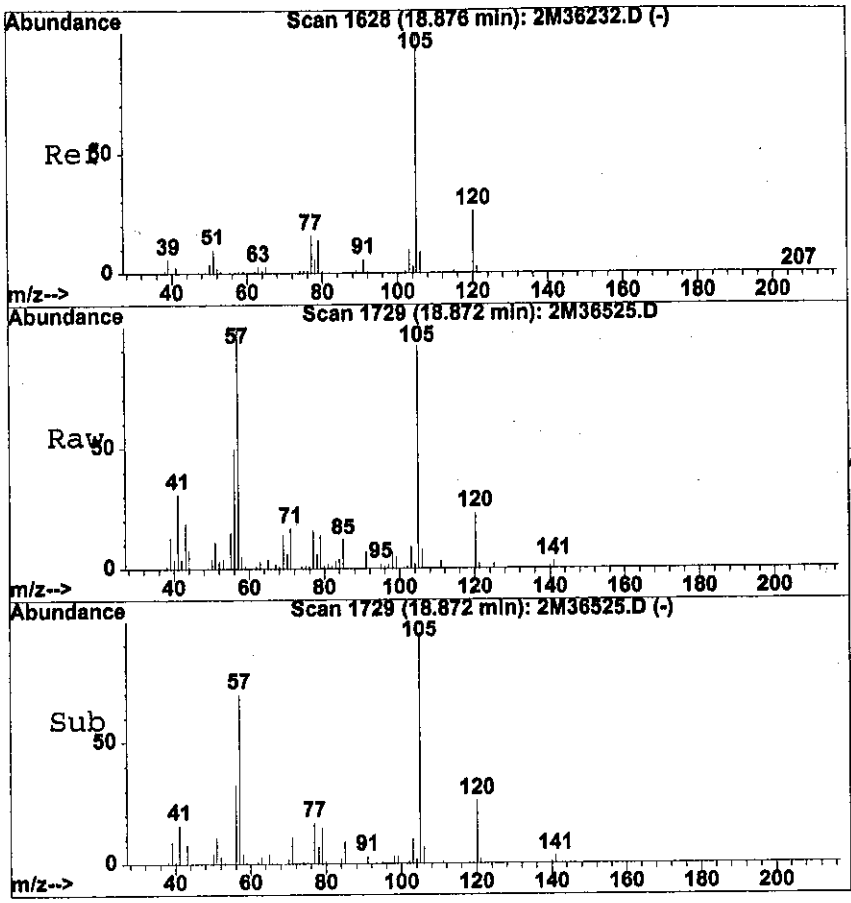


#61
Styrene
Concen: 309.45 UG/L
RT: 18.25 min Scan# 1666
Delta R.T. -0.09 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:104 Resp: 186838

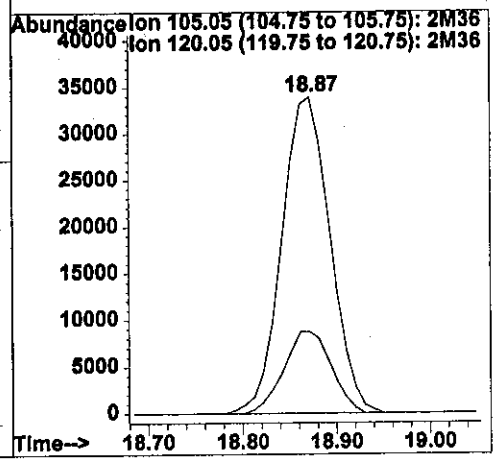
Ion	Ratio	Lower	Upper
104	100		
78	322.9	36.0	54.0#

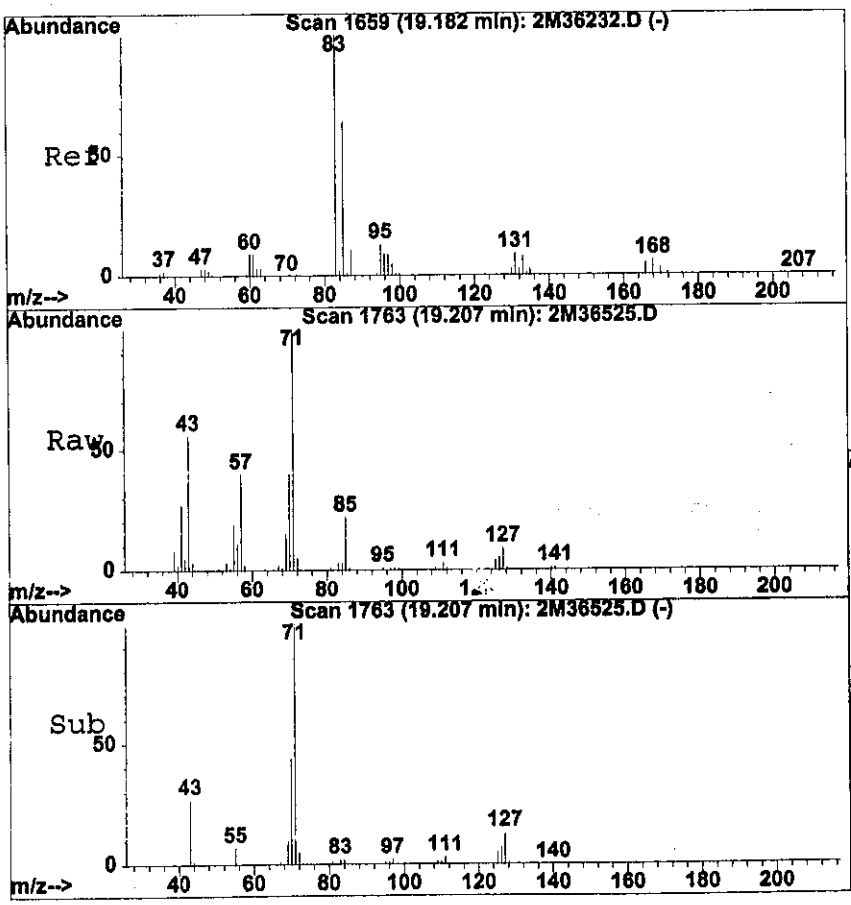




#63
Isopropylbenzene
Concen: 136.12 ug/L
RT: 18.87 min Scan# 1729
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

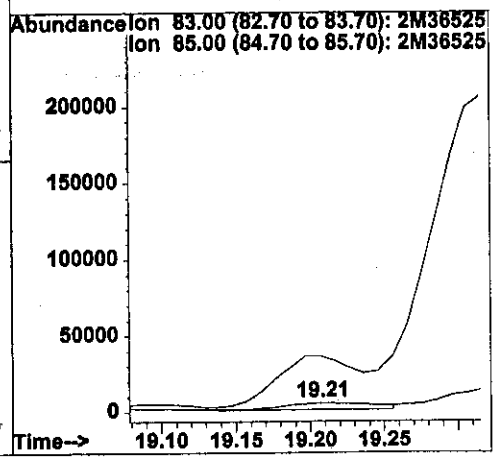
Tgt Ion:105	Resp:	120930	
Ion	Ratio	Lower	Upper
105	100		
120	25.4	18.7	28.1

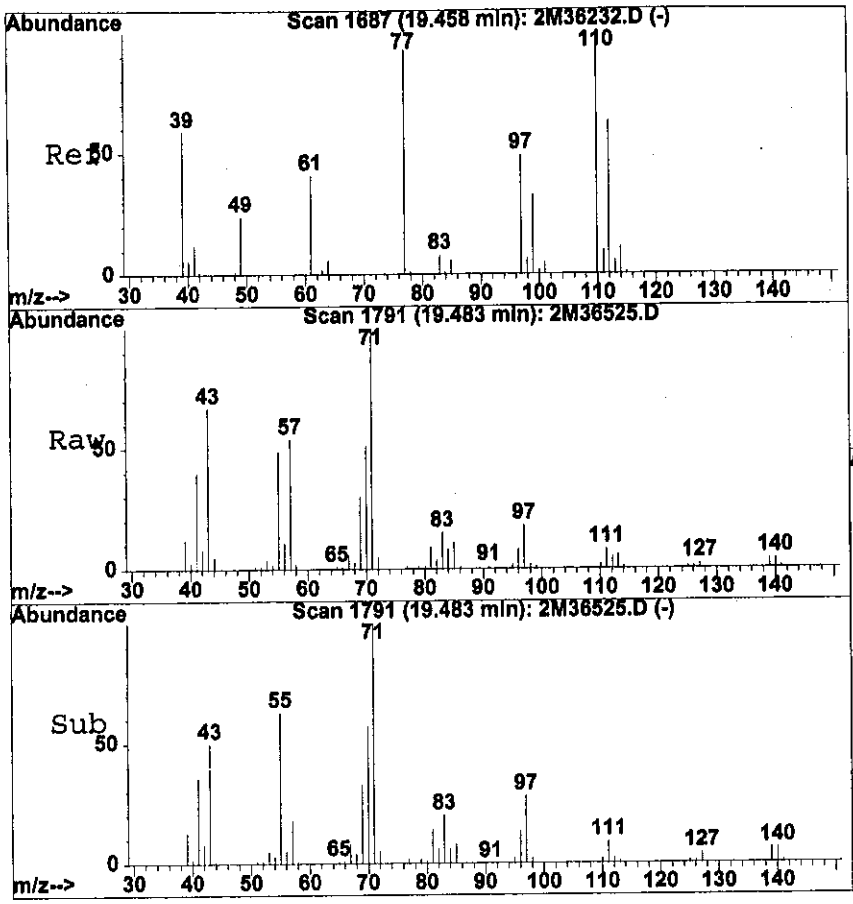




#65
1,1,2,2-Tetrachloroethane
Concen: 116.02 UG/L
RT: 19.21 min Scan# 1763
Delta R.T. -0.01 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 83	Resp:	17600	
Ion	Ratio	Lower	Upper
83	100		
85	710.9	44.4	84.4#

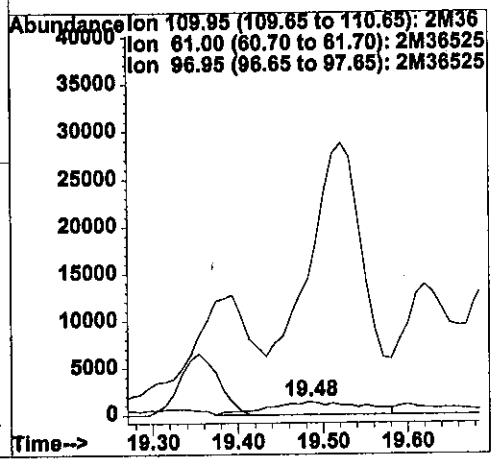


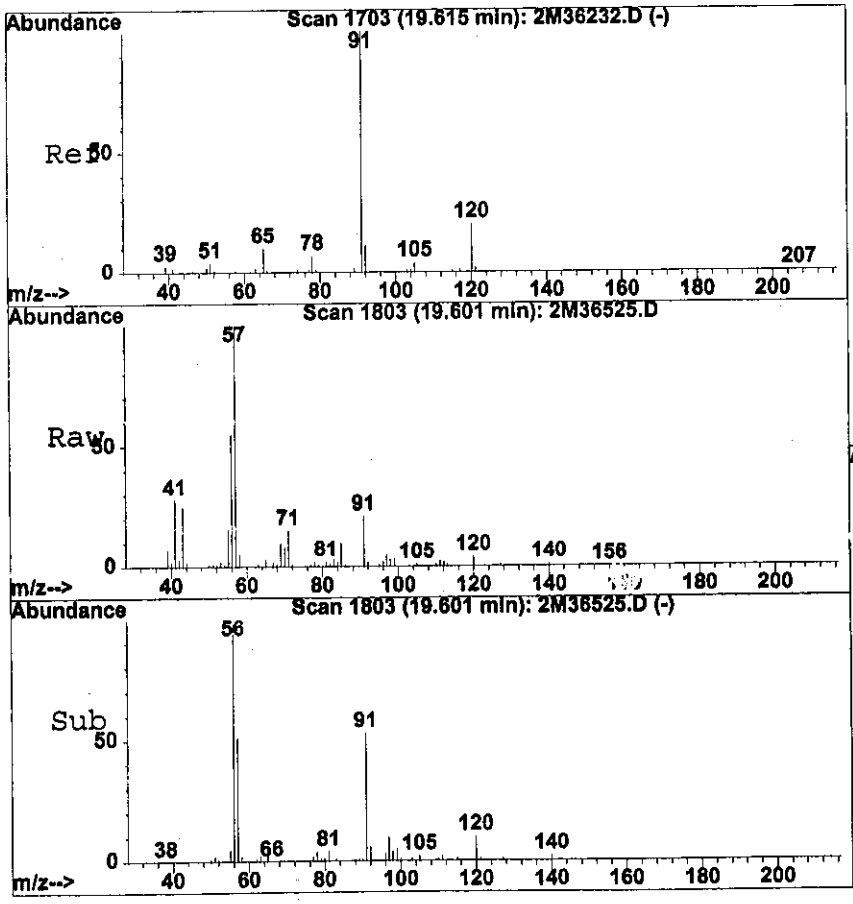


#67
1,2,3-Trichloropropane
Concen: 320.03 UG/L
RT: 19.48 min Scan# 1791
Delta R.T. -0.00 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:110 Resp: 10281

Ion	Ratio	Lower	Upper
110	100		
61	0.0	55.9	83.9#
97	1242.5	43.3	64.9#

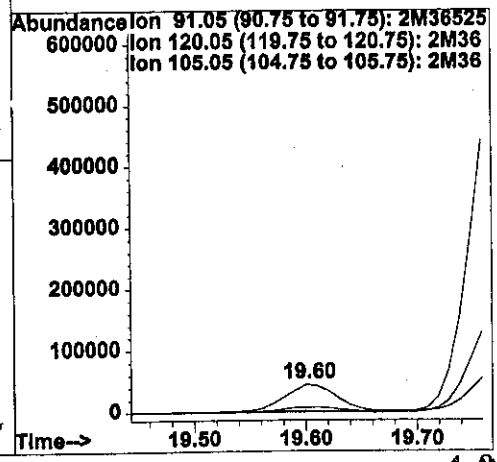


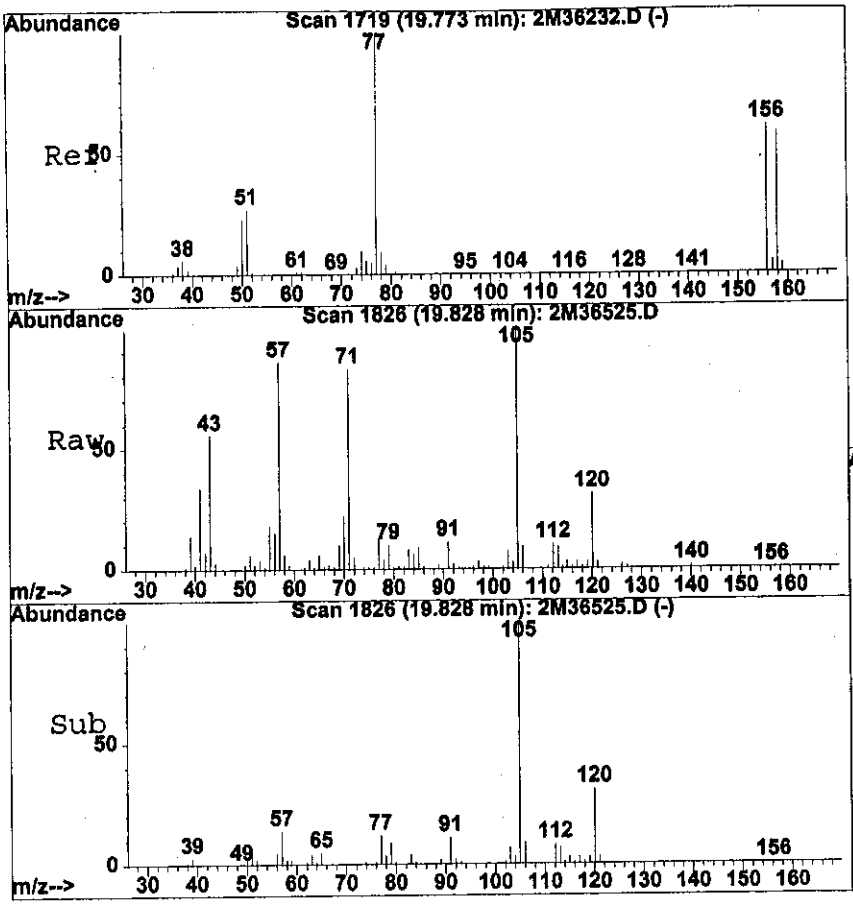


#69
n-Propylbenzene
Concen: 125.87 UG/L
RT: 19.60 min Scan# 1803
Delta R.T. -0.05 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 91 Resp: 146018

Ion	Ratio	Lower	Upper
91	100		
120	19.2	15.5	23.3
105	3.5	3.0	4.4

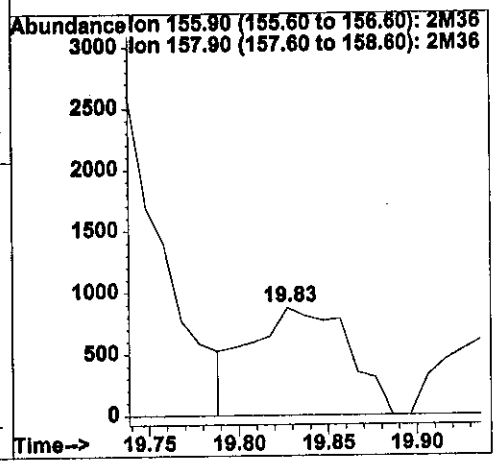


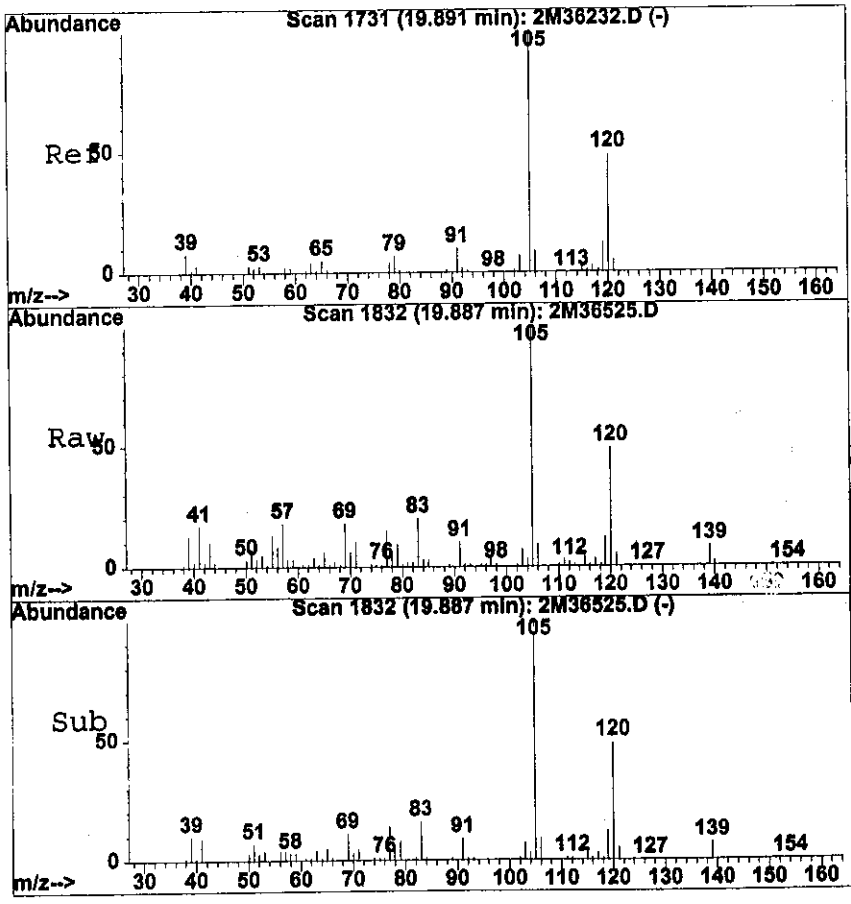


#70
Bromobenzene
Concen: 15.75 UG/L
RT: 19.83 min Scan# 1826
Delta R.T. 0.02 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:156 Resp: 3357

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

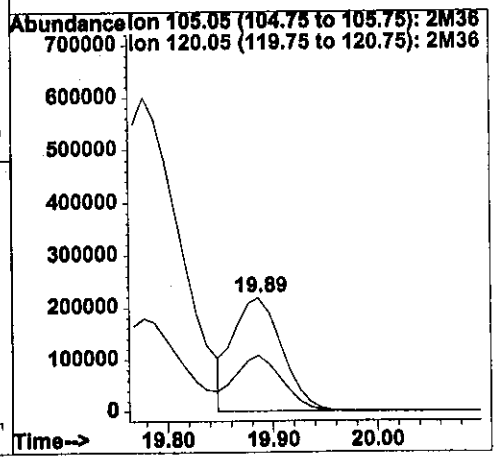


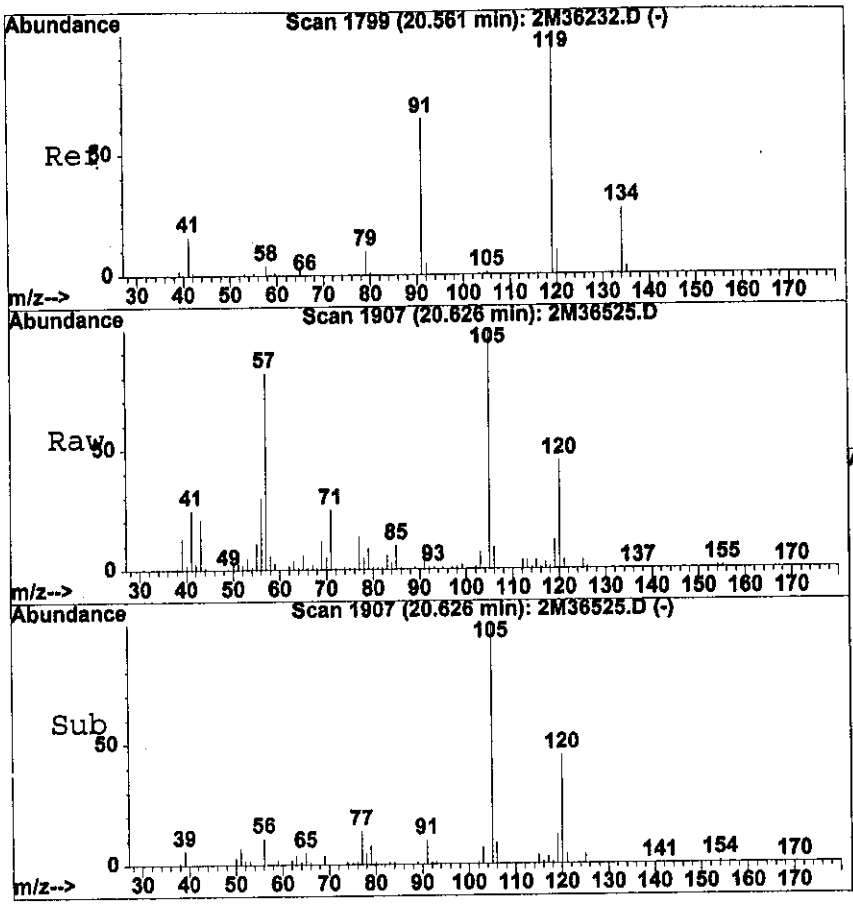


#71
1,3,5-Trimethylbenzene
Concen: 991.09 UG/L
RT: 19.89 min Scan# 1832
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:105 Resp: 703977

Ion	Ratio	Lower	Upper
105	100		
120	47.4	37.0	55.4

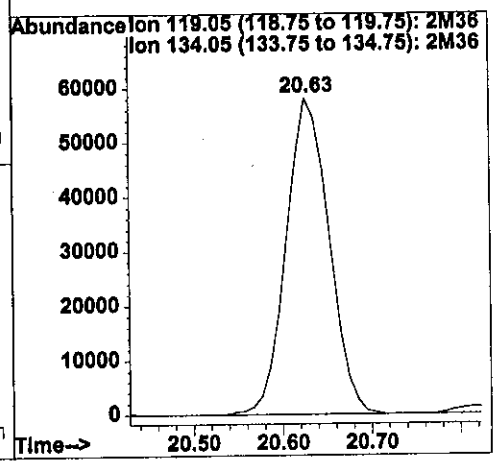


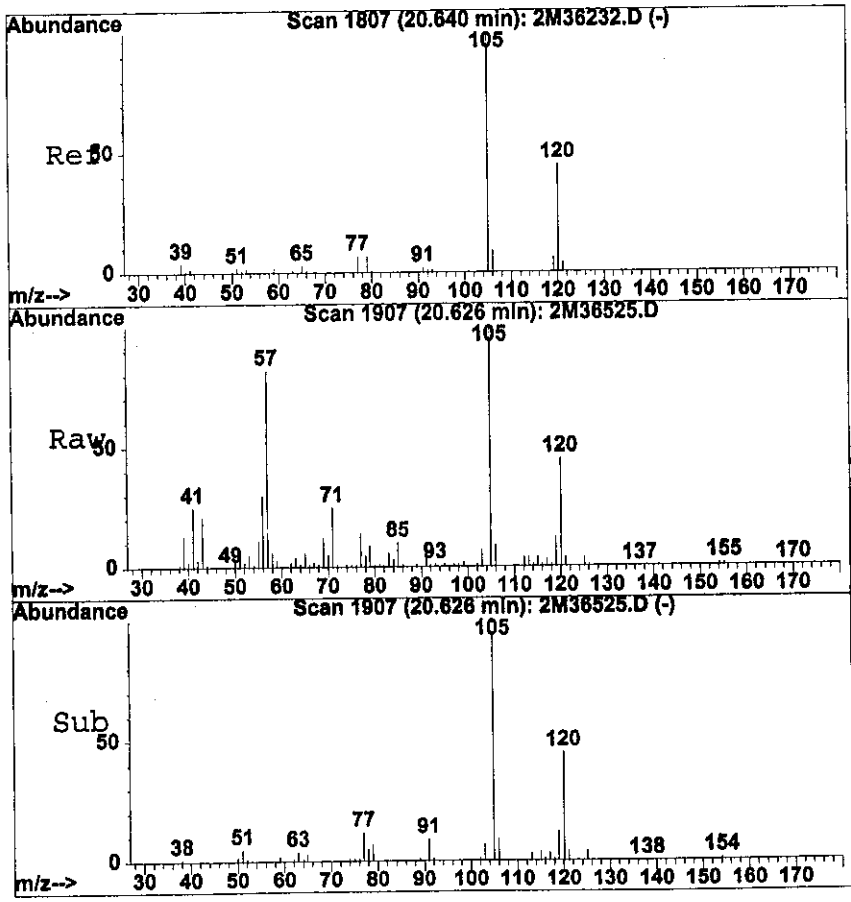


#75
tert-Butylbenzene
Concen: 290.96 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. 0.03 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:119 Resp: 194100

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

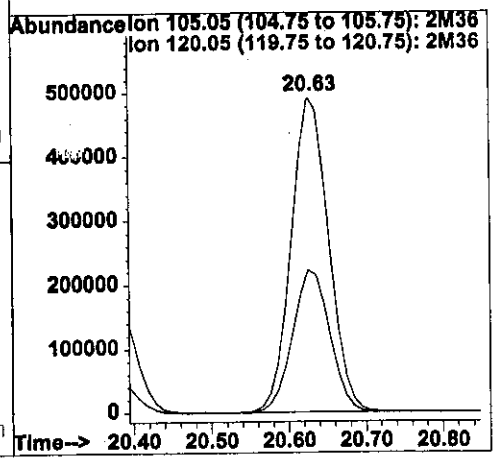


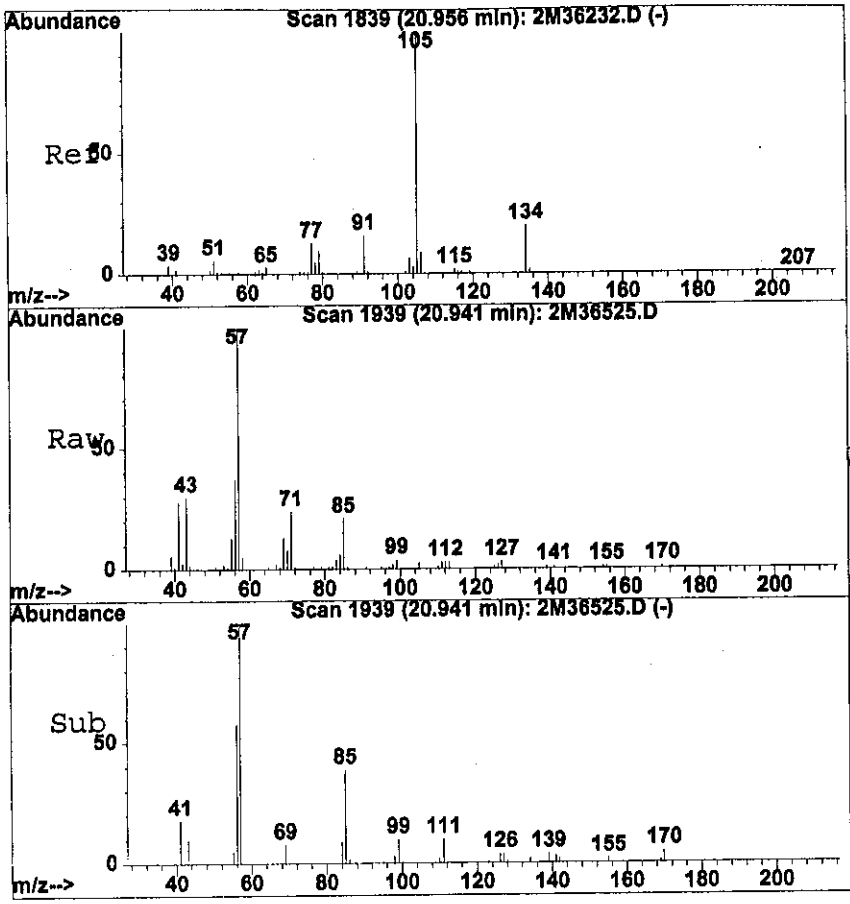


#76
1,2,4-Trimethylbenzene
Concen: 2320.71 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.05 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:105 Resp: 1648467

Ion	Ratio	Lower	Upper
105	100		
120	45.3	33.7	50.5

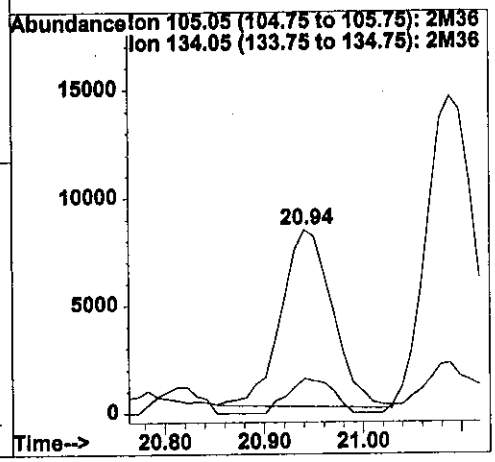


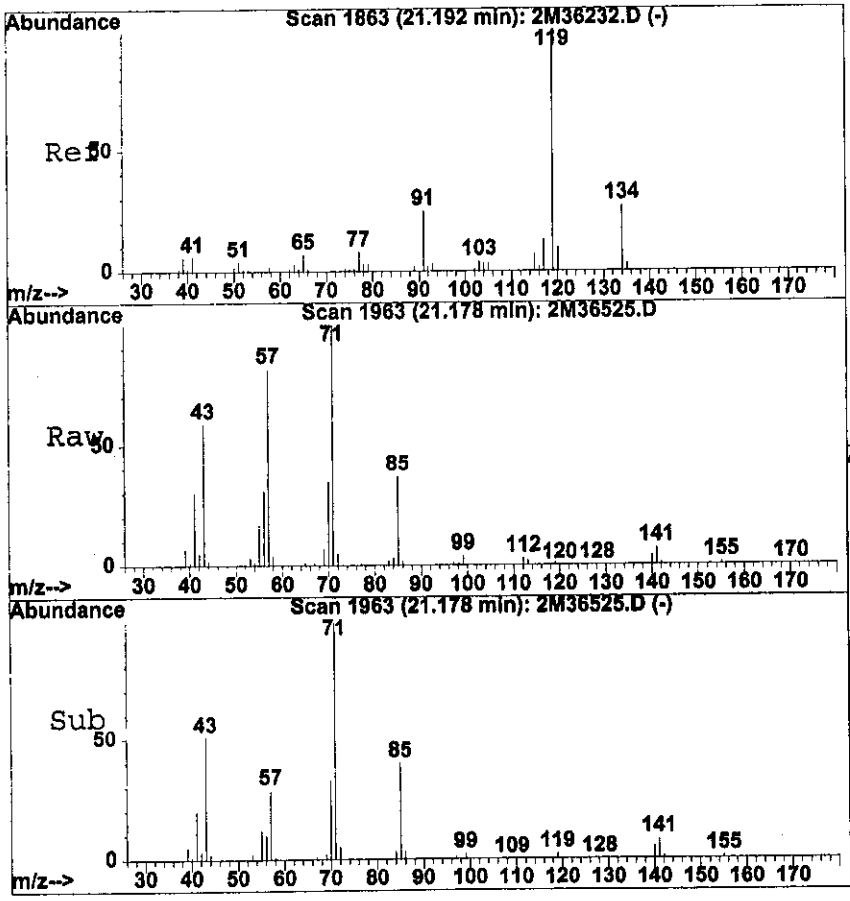


#77
sec-Butylbenzene
Concen: 35.40 UG/L
RT: 20.94 min Scan# 1939
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:105 Resp: 29688

Ion	Ratio	Lower	Upper
105	100		
134	16.7	15.4	23.0

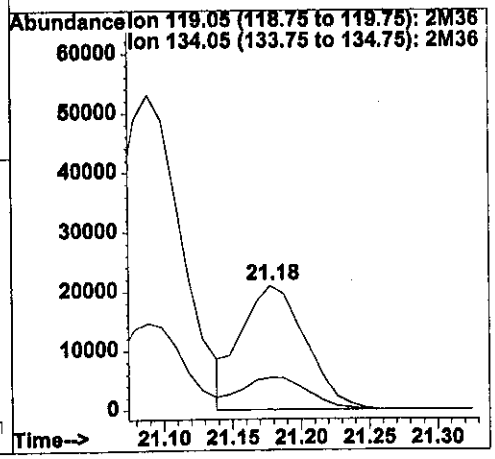


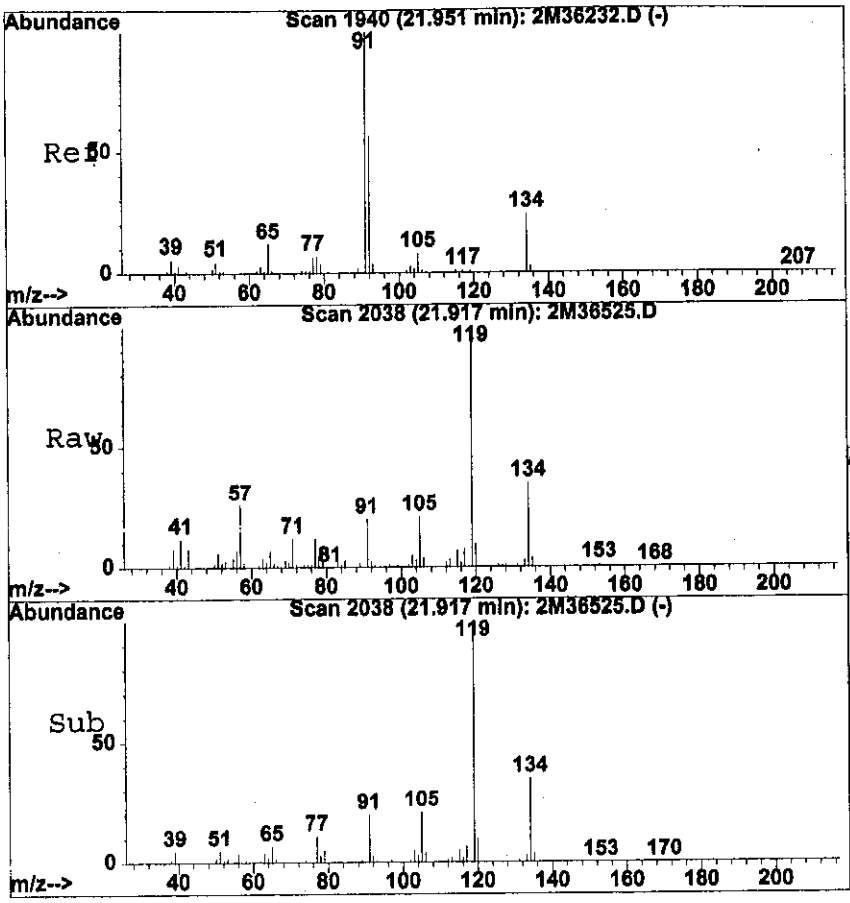


#78
p-Isopropyltoluene
Concen: 101.75 UG/L
RT: 21.18 min Scan# 1963
Delta R.T. -0.05 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:119 Resp: 68365

Ion	Ratio	Lower	Upper
119	100		
134	27.0	21.6	32.4

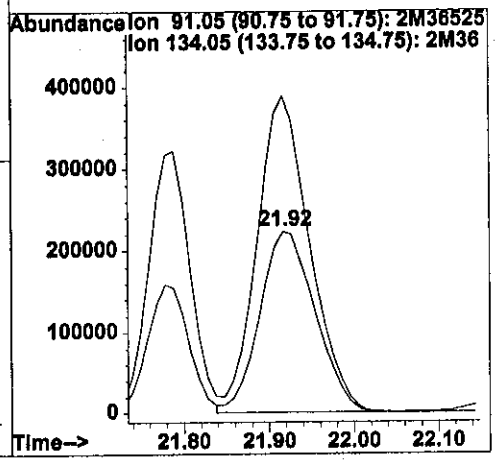


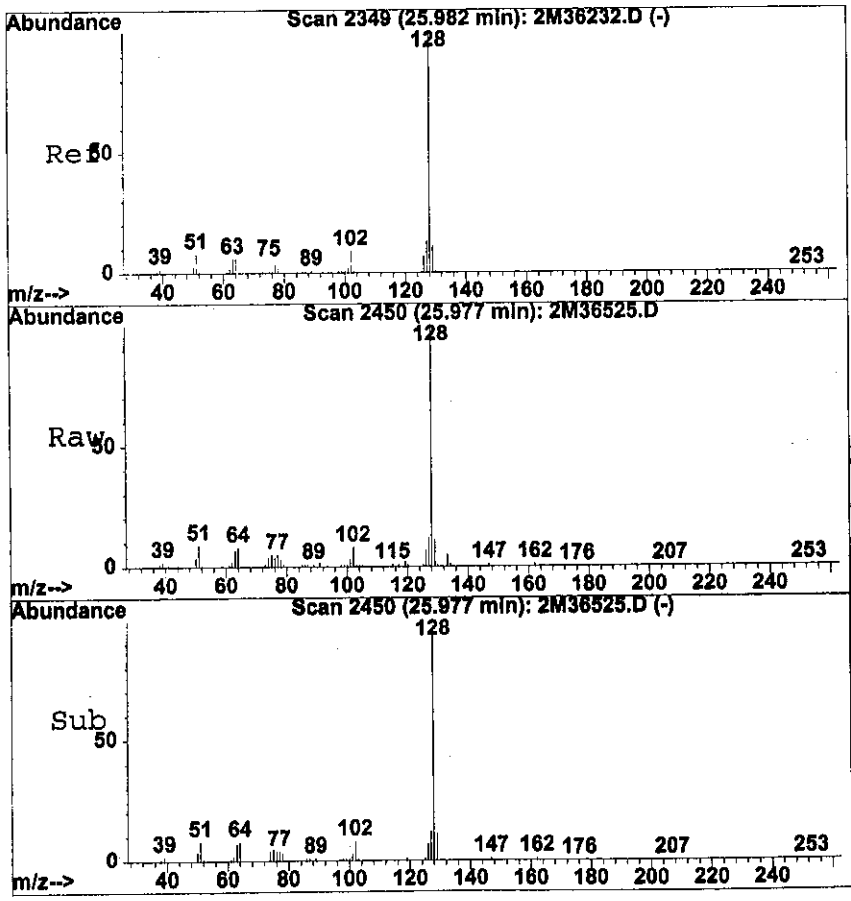


#81
n-Butylbenzene
Concen: 1550.55 UG/L
RT: 21.92 min Scan# 2038
Delta R.T. -0.07 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion: 91 Resp: 1006796

Ion	Ratio	Lower	Upper
91	100		
134	165.4	19.0	28.6#

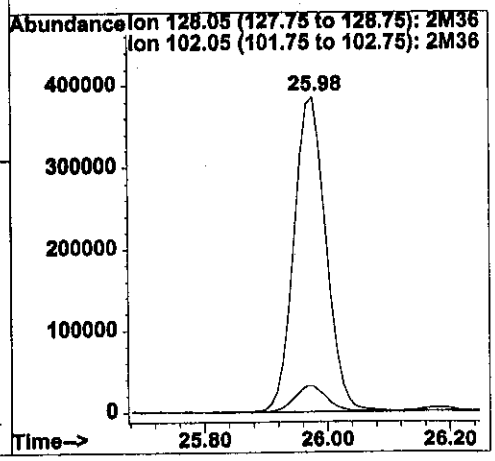




#86
Naphthalene
Concen: 5486.53 UG/L
RT: 25.98 min Scan# 2450
Delta R.T. -0.04 min
Lab File: 2M36525.D
Acq: 19 Jun 2000 17:19

Tgt Ion:128 Resp: 1404214

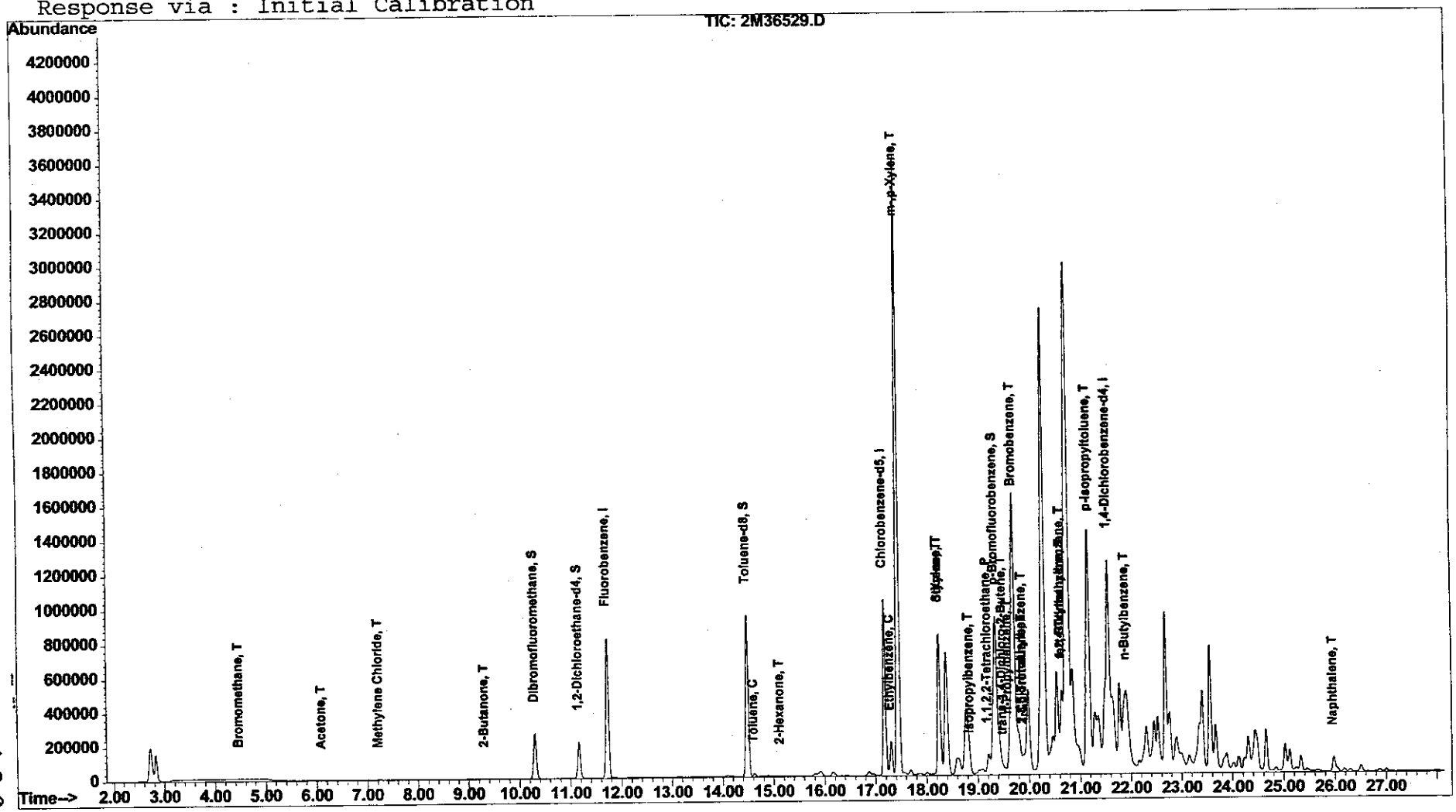
Ion	Ratio	Lower	Upper
128	100		
102	8.3	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36529.D Vial: 17
Acq On : 19 Jun 2000 19:37 Operator: CMS
Sample : L0006193-02 850X IT CORP 826-SPE-VO 5.8G Inst : HPMS2
Misc : SOLID,850 (100uL/50ML) 398-PPG-TANK Multiplr: ~~1.00~~ 850
6/20/00 cms
MS Integration Params: rteint.p
Quant Time: Jun 19 20:05 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36529.D Vial: 17
Acq On : 19 Jun 2000 19:37 Operator: CMS
Sample : L0006193-02 850X IT CORP 826-SPE-VO 5.8G Inst : HPMS2
Misc : SOLID,850 (100uL/50ML) 398-PPG-TANK Multiplr: 850.00
MS Integration Params: rteint.p
Quant Time: Jun 19 20:05 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.71	96	1433579	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.17	117	1131721	25.00	UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	526375	25.00	UG/L	-0.04
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	308397	21.30	UG/L	-0.03
Spiked Amount 25.000	Range 86 - 118		Recovery =	85.20%#		
33) 1,2-Dichloroethane-d4	11.16	65	259840	20.88	UG/L	-0.03
Spiked Amount 25.000	Range 80 - 120		Recovery =	83.52%		
45) Toluene-d8	14.48	98	1245127	21.56	UG/L	-0.03
Spiked Amount 25.000	Range 88 - 110		Recovery =	86.24%#		
66) p-Bromofluorobenzene	19.36	95	489398	22.32	UG/L	-0.03
Spiked Amount 25.000	Range 86 - 115		Recovery =	89.28%		
Target Compounds						Qvalue
5) Bromomethane	4.48	94	1615	217.98	UG/L #	4
11) Acetone	6.11	43	2110	1255.89	UG/L #	56
15) Methylene Chloride	7.24	84	4010	244.99	UG/L	97
23) 2-Butanone	9.31	43	5931	1608.85	UG/L #	58
46) Toluene	14.62	91	23997	261.60	ug/L	96
50) 2-Hexanone	15.14	43	2321	329.49	UG/L #	30
58) Ethylbenzene	17.31	106	81578	2827.25	UG/L	97
59) m-,p-Xylene	17.44	106	2043779	58854.71	UG/L	99
60) o-Xylene	18.25	106	455688	13069.00	UG/L	97
61) Styrene	18.25	104	20758	346.14	UG/L #	1
63) Isopropylbenzene	18.87	105	12911	146.32	ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.21	83	3569	238.42	UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.52	53	1016	268.57	UG/L #	16
69) n-Propylbenzene	19.60	91	15999	139.76	UG/L #	95
70) Bromobenzene	19.73	156	2272	108.02	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.88	105	76853	1096.45	UG/L	98
72) 2-Chlorotoluene	19.88	91	7600	106.28	UG/L #	45
75) tert-Butylbenzene	20.63	119	21159	321.43	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	181267	2586.04	UG/L	94
78) p-Isopropyltoluene	21.18	119	7167	108.10	UG/L	93
81) n-Butylbenzene	21.92	91	102343	1597.27	UG/L #	1
86) Naphthalene	25.97	128	145107	5745.52	UG/L	97

(#) = qualifier out of range (m) = manual integration

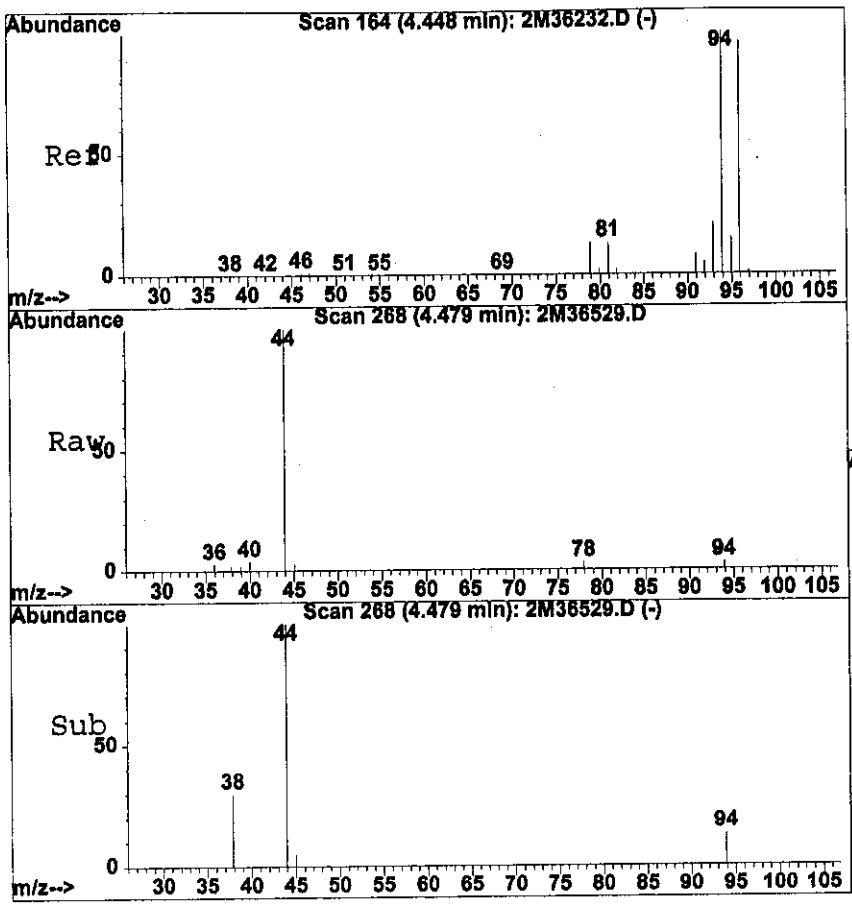
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36529.D Vial: 17
Acq On : 19 Jun 2000 19:37 Operator: CMS
Sample : L0006193-02 850X IT CORP 826-SPE-VO 5.8G Inst : HPMS2
Misc : SOLID,850 (100uL/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 20:05 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.71	96	1433579	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.17	117	1131721	25.00	UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	526375	25.00	UG/L	-0.04
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	308397	21.30	UG/L	-0.03
Spiked Amount 25.000	Range 86 - 118		Recovery =	85.20%#	✓SOIL	
33) 1,2-Dichloroethane-d4	11.16	65	259840	20.88	UG/L	-0.03
Spiked Amount 25.000	Range 80 - 120		Recovery =	83.52%		
45) Toluene-d8	14.48	98	1245127	21.56	UG/L	-0.03
Spiked Amount 25.000	Range 88 - 110		Recovery =	86.24%#	SOIL	
66) p-Bromofluorobenzene	19.36	95	489398	22.32	UG/L	-0.03
Spiked Amount 25.000	Range 86 - 115		Recovery =	89.28%		
Target Compounds						Qvalue
5) Bromomethane	4.48	94	1615	0.26	UG/L #	4
11) Acetone	6.11	43	2110	1.48	UG/L #	56
15) Methylene Chloride	7.24	84	4010	0.29	UG/L	97
23) 2-Butanone	9.31	43	5931	1.89	UG/L #	58
46) Toluene	14.62	91	23997	0.31	ug/L	96
50) 2-Hexanone	15.14	43	2321	0.39	UG/L #	30
58) Ethylbenzene	17.31	106	81578	3.33	UG/L J	97
59) m-,p-Xylene	17.44	106	2043779	69.24	UG/L	99
60) o-Xylene	18.25	106	455688	15.38	UG/L	97
61) Styrene	18.25	104	20758	0.41	UG/L #	1
63) Isopropylbenzene	18.87	105	12911	0.17	ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.21	83	3569	0.28	UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.52	53	1016	0.32	UG/L #	16
69) n-Propylbenzene	19.60	91	15999	0.16	UG/L #	95
70) Bromobenzene	19.73	156	2272	0.13	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.88	105	76853	1.29	UG/L	98
72) 2-Chlorotoluene	19.88	91	7600	0.13	UG/L #	45
75) tert-Butylbenzene	20.63	119	21159	0.38	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	181267	3.04	UG/L	94
78) p-Isopropyltoluene	21.18	119	7167	0.13	UG/L	93
81) n-Butylbenzene	21.92	91	102343	1.88	UG/L #	1
86) Naphthalene	25.97	128	145107	6.76	UG/L	97

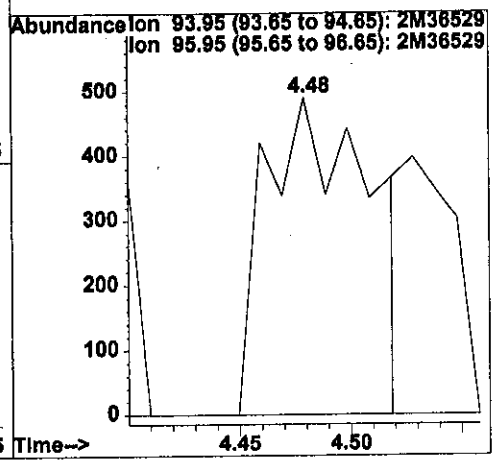
(#) = qualifier out of range (m) = manual integration

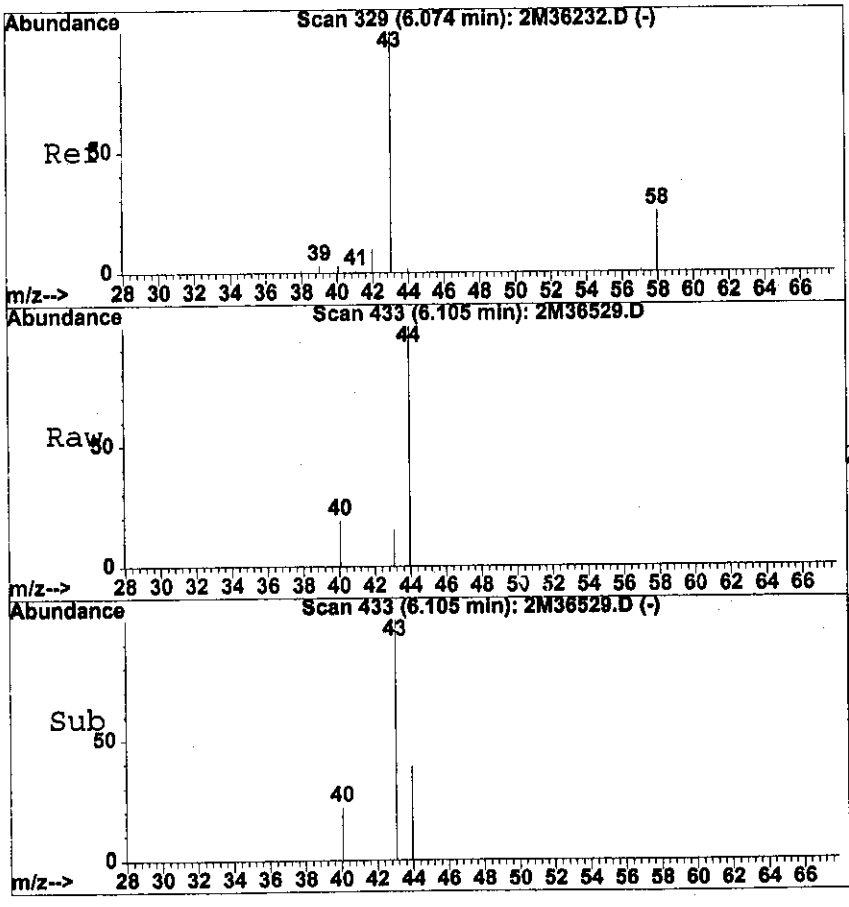


#5
Bromomethane
Concen: 217.98 UG/L
RT: 4.48 min Scan# 268
Delta R.T. -0.02 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 94 Resp: 1615

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

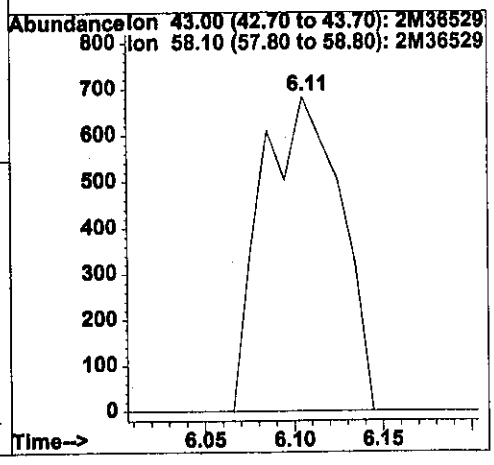


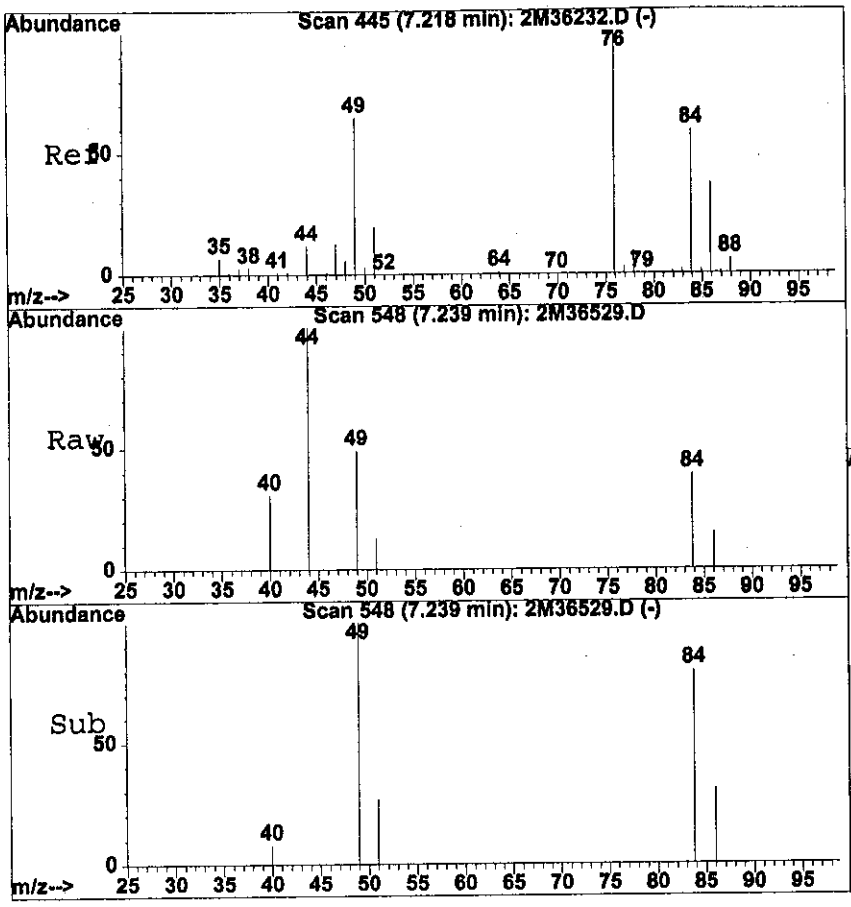


#11
Acetone
Concen: 1255.89 UG/L
RT: 6.11 min Scan# 433
Delta R.T. -0.03 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 43 Resp: 2110

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.3	24.5#

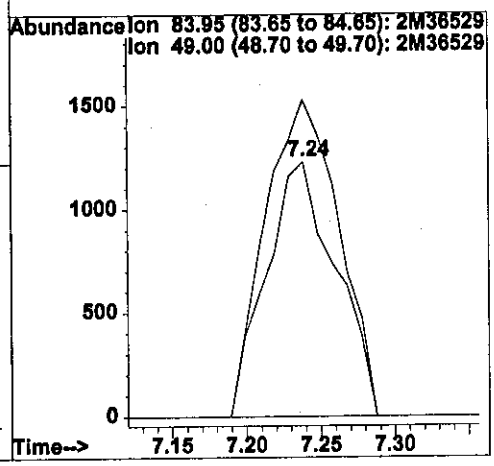


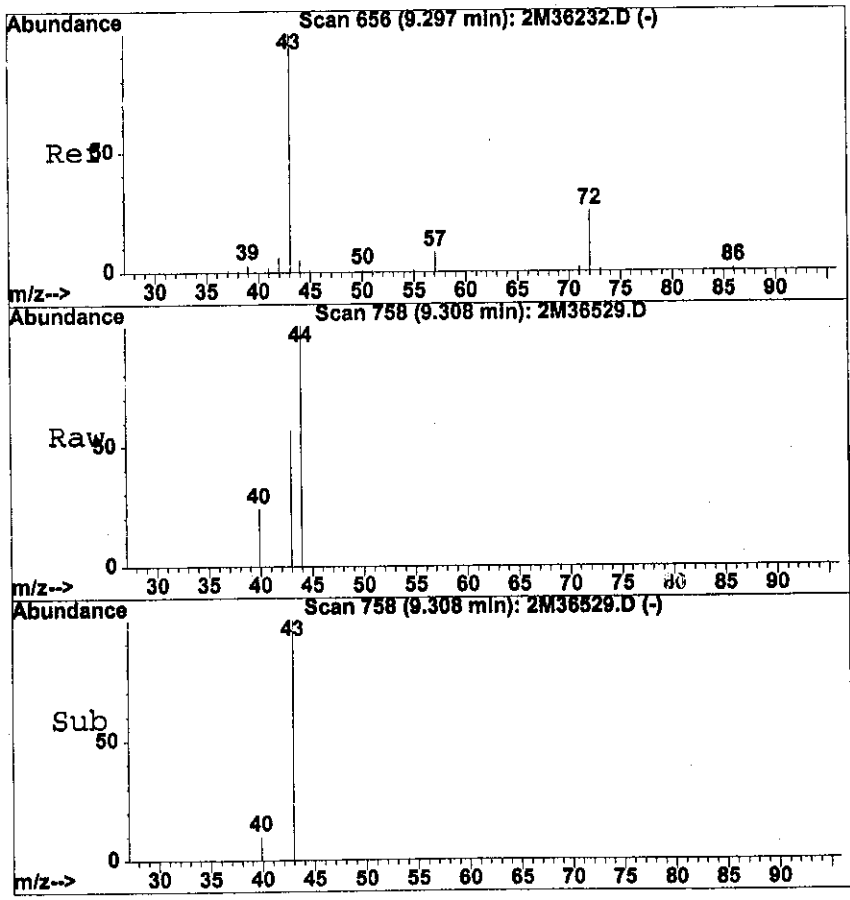


#15
Methylene Chloride
Concen: 244.99 UG/L
RT: 7.24 min Scan# 548
Delta R.T. -0.02 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 84 Resp: 4010

Ion	Ratio	Lower	Upper
84	100		
49	131.6	102.2	153.4

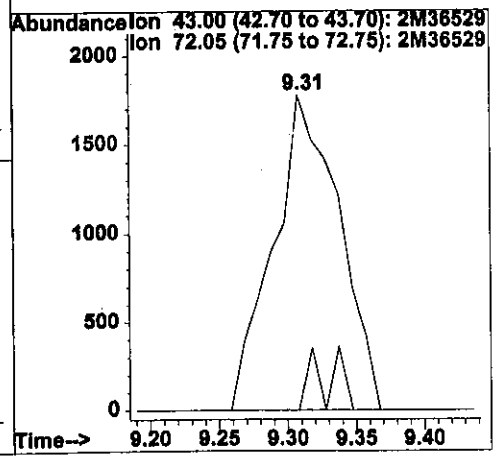


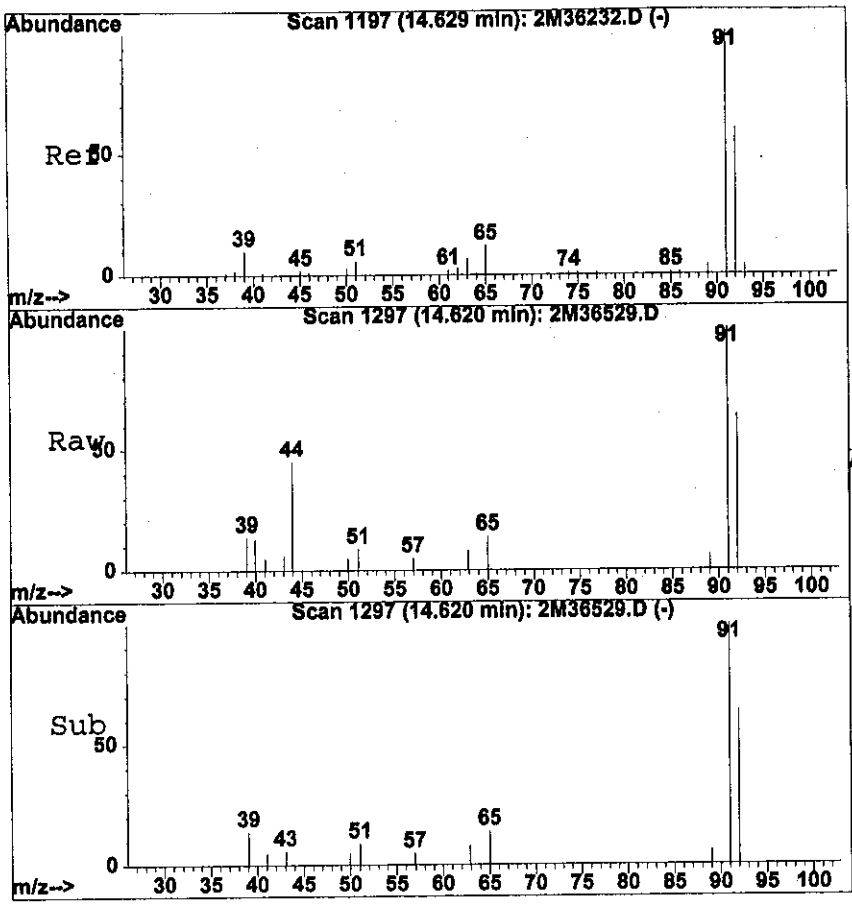


#23
2-Butanone
Concen: 1608.85 UG/L
RT: 9.31 min Scan# 758
Delta R.T. -0.03 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 43 Resp: 5931

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.3	22.9#

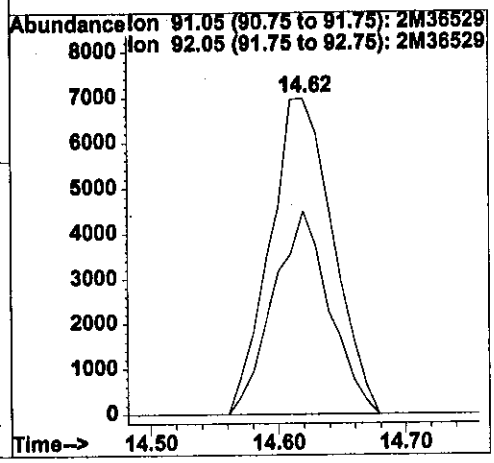


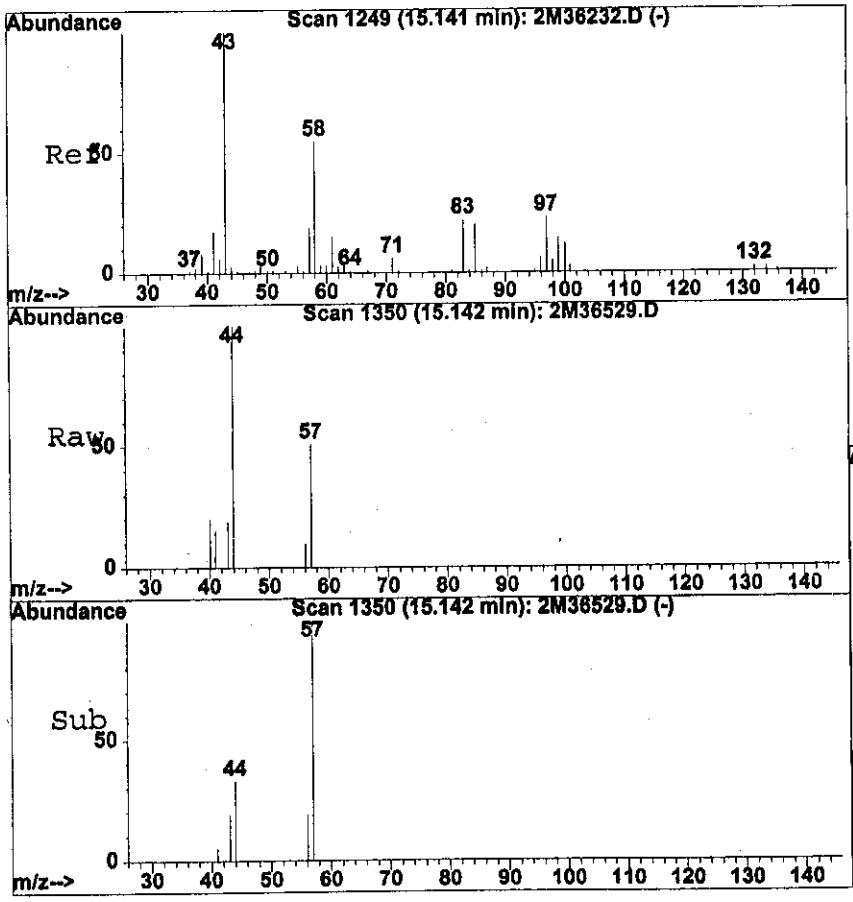


#46
Toluene
Concen: 261.60 ug/L
RT: 14.62 min Scan# 1297
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 91 Resp: 23997

Ion	Ratio	Lower	Upper
91	100		
92	57.4	48.3	72.5

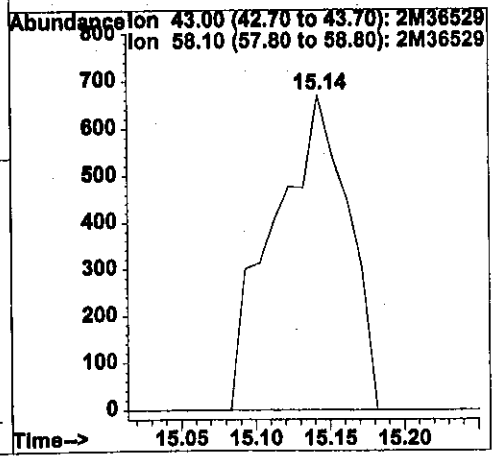


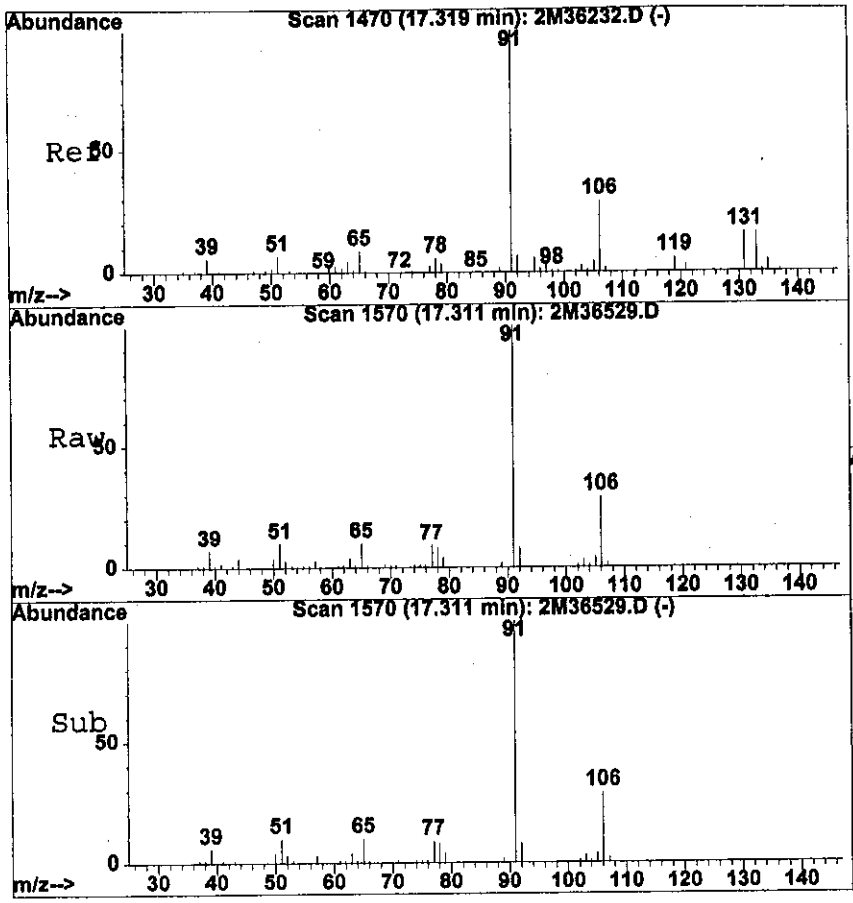


#50
2-Hexanone
Concen: 329.49 UG/L
RT: 15.14 min Scan# 1350
Delta R.T. -0.03 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 43 Resp: 2321

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.7	56.5#

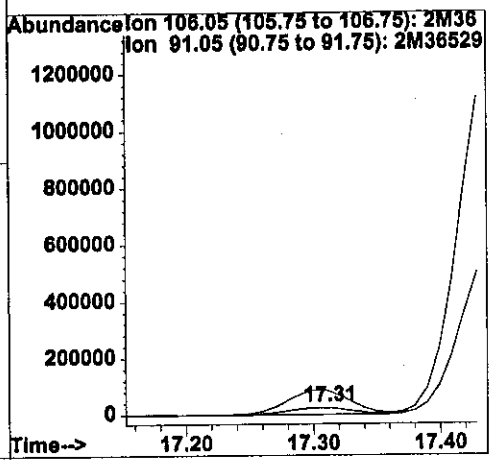


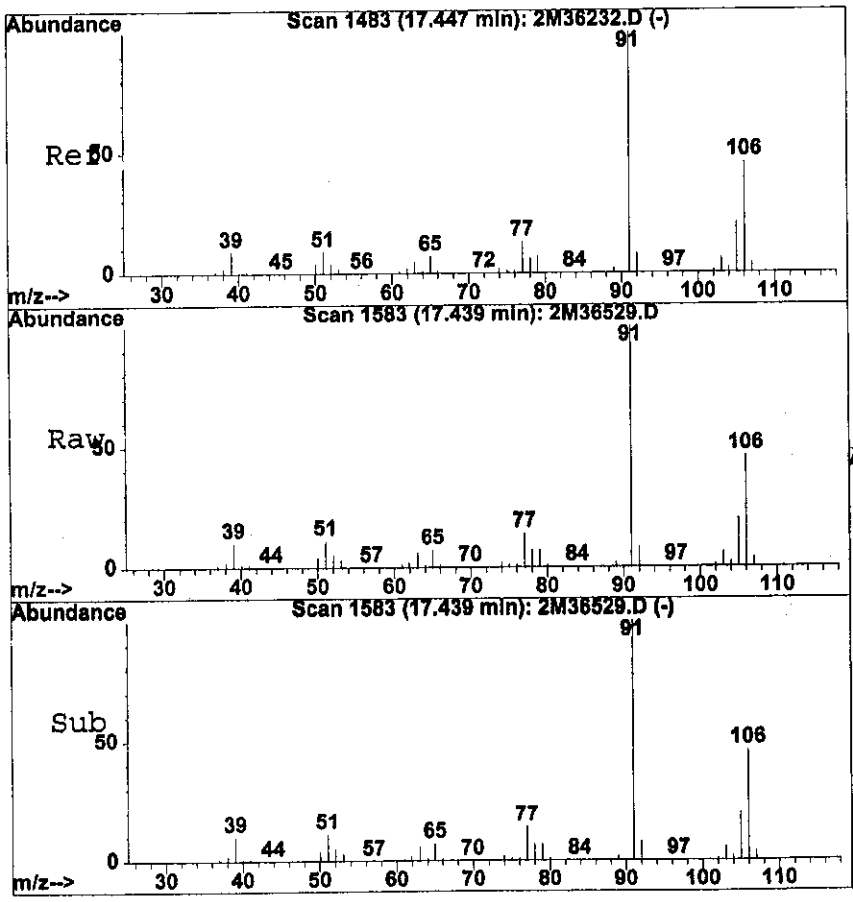


#58
Ethylbenzene
Concen: 2827.25 UG/L
RT: 17.31 min Scan# 1570
Delta R.T. -0.03 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:106 Resp: 81578

Ion	Ratio	Lower	Upper
106	100		
91	354.3	277.9	416.9

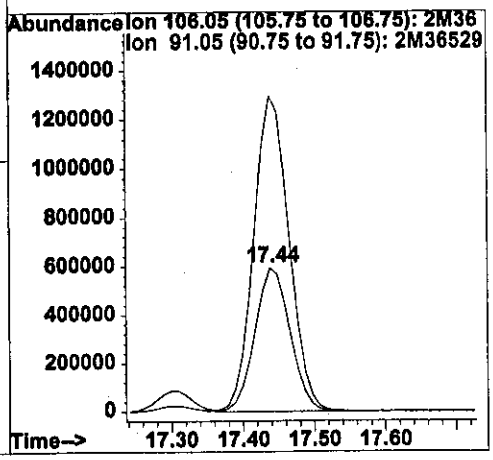


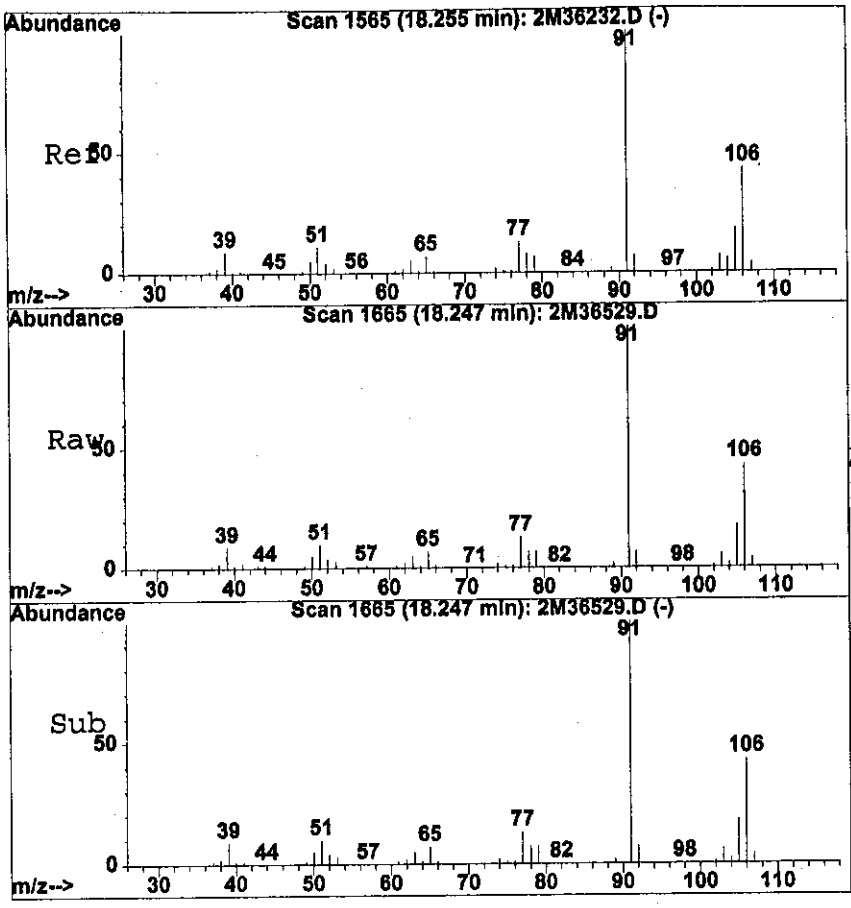


#59
m-,p-Xylene
Concen: 58854.71 UG/L
RT: 17.44 min Scan# 1583
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:106 Resp: 2043779

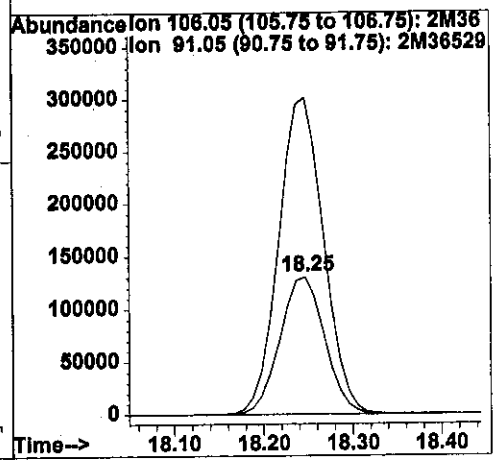
Ion	Ratio	Lower	Upper
106	100		
91	218.5	173.4	260.2

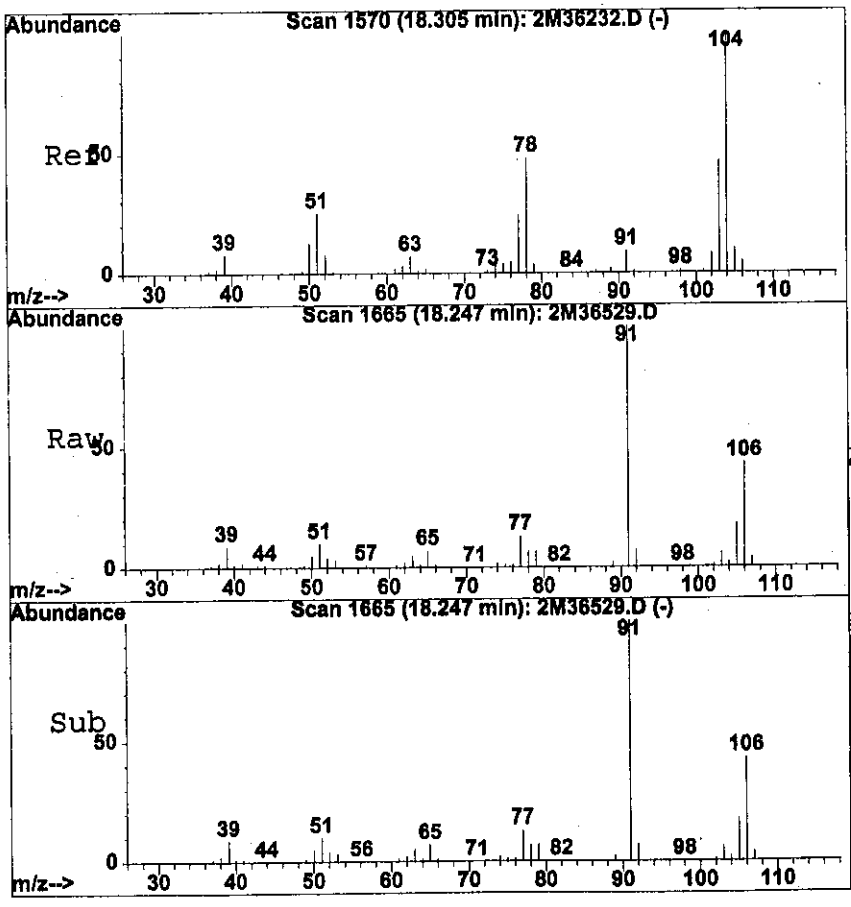




#60
o-Xylene
Concen: 13069.00 UG/L
RT: 18.25 min Scan# 1665
Delta R.T. -0.03 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

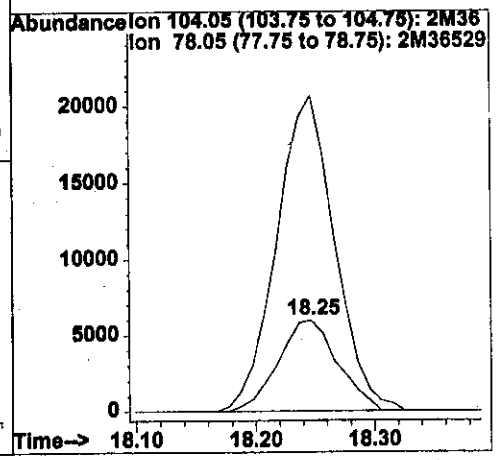
Tgt Ion:106	Resp:	455688	
Ion	Ratio	Lower	Upper
106	100		
91	230.7	181.0	271.6

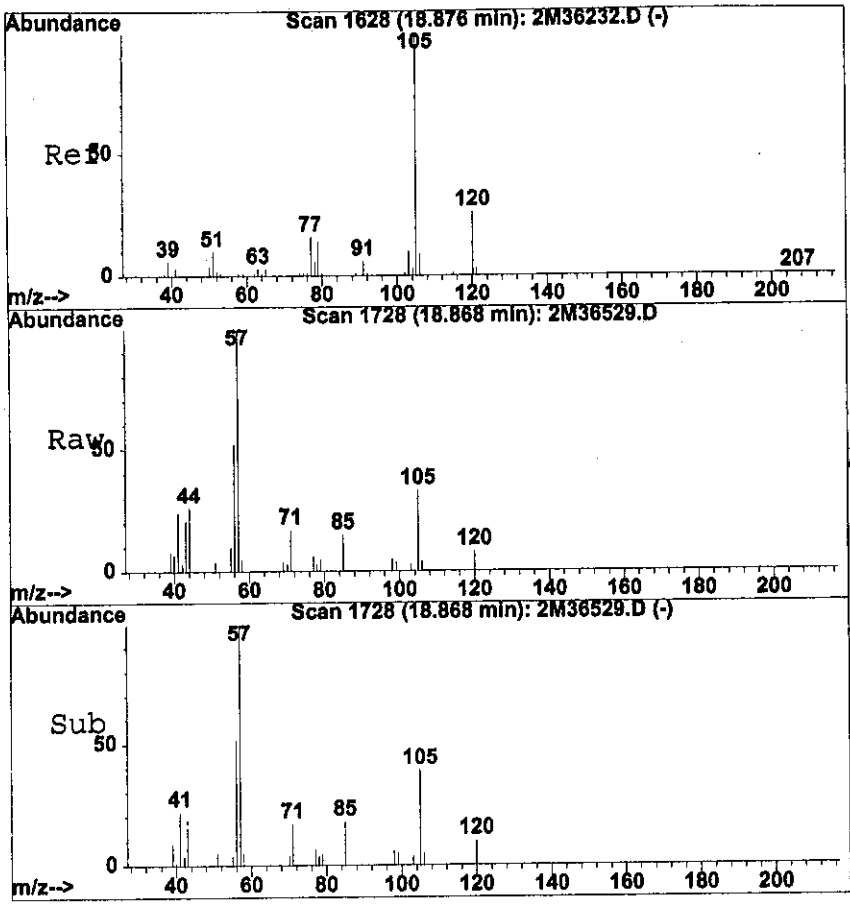




#61
Styrene
Concen: 346.14 UG/L
RT: 18.25 min Scan# 1665
Delta R.T. -0.09 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:104	Resp:	20758	
Ion	Ratio	Lower	Upper
104	100		
78	338.2	36.0	54.0#

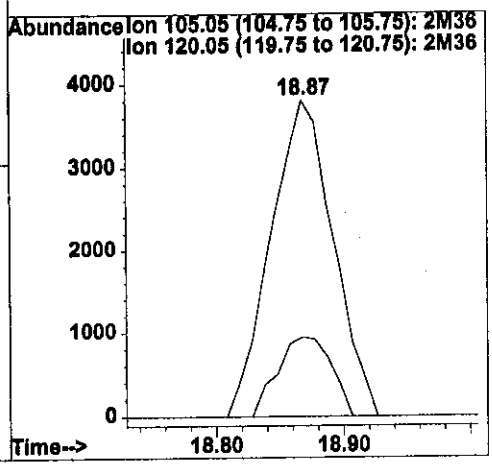


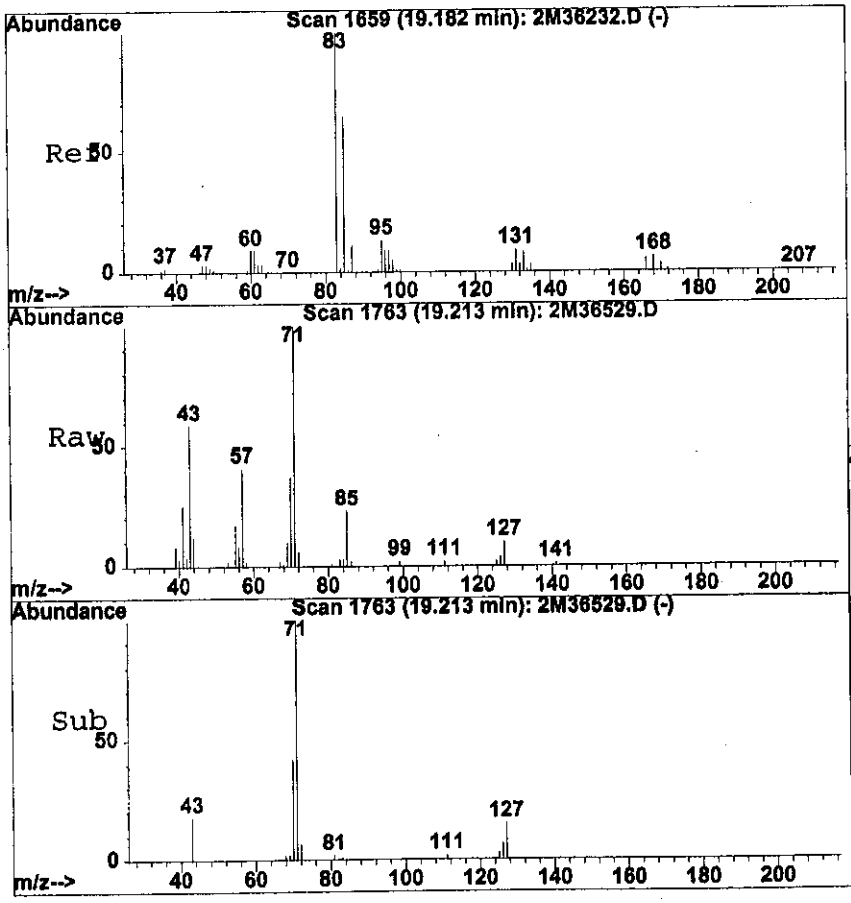


#63
Isopropylbenzene
Concen: 146.32 ug/L
RT: 18.87 min Scan# 1728
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:105 Resp: 12911

Ion	Ratio	Lower	Upper
105	100		
120	21.4	18.7	28.1

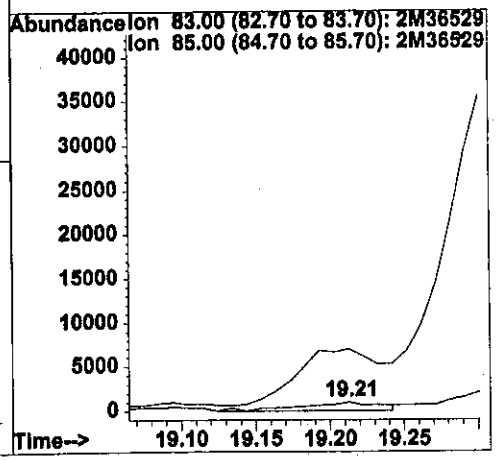


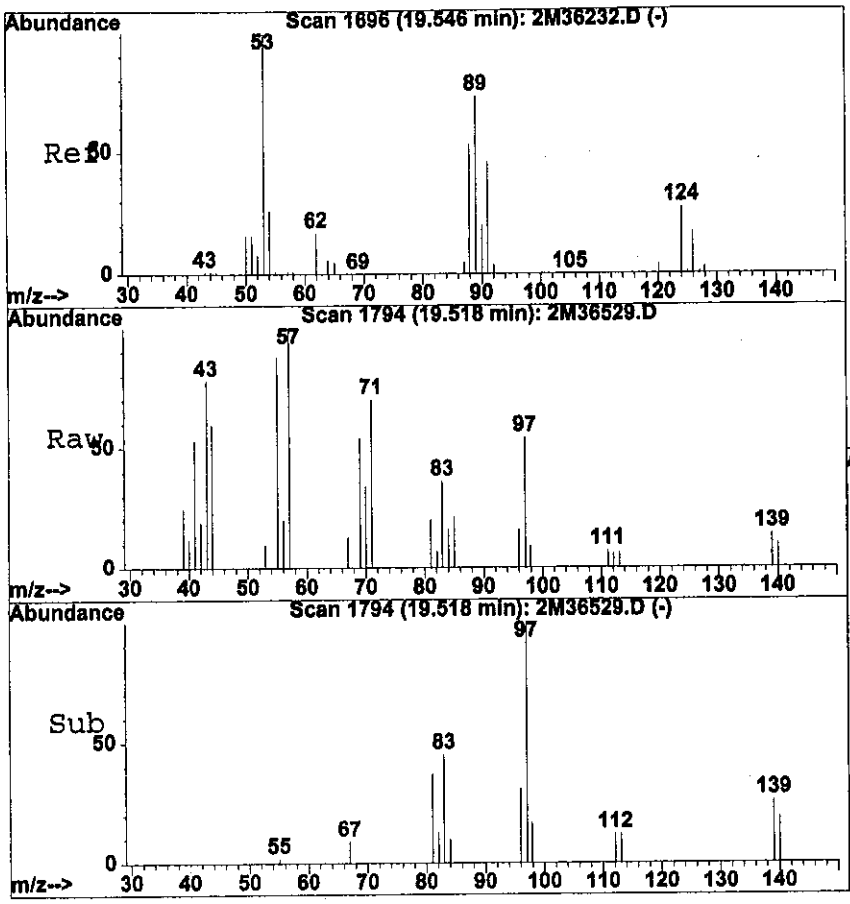


#65
1,1,2,2-Tetrachloroethane
Concen: 238.42 UG/L
RT: 19.21 min Scan# 1763
Delta R.T. -0.00 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 83 Resp: 3569

Ion	Ratio	Lower	Upper
83	100		
85	658.7	44.4	84.4#

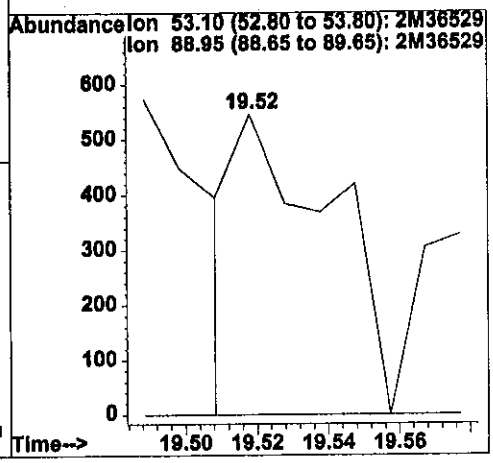


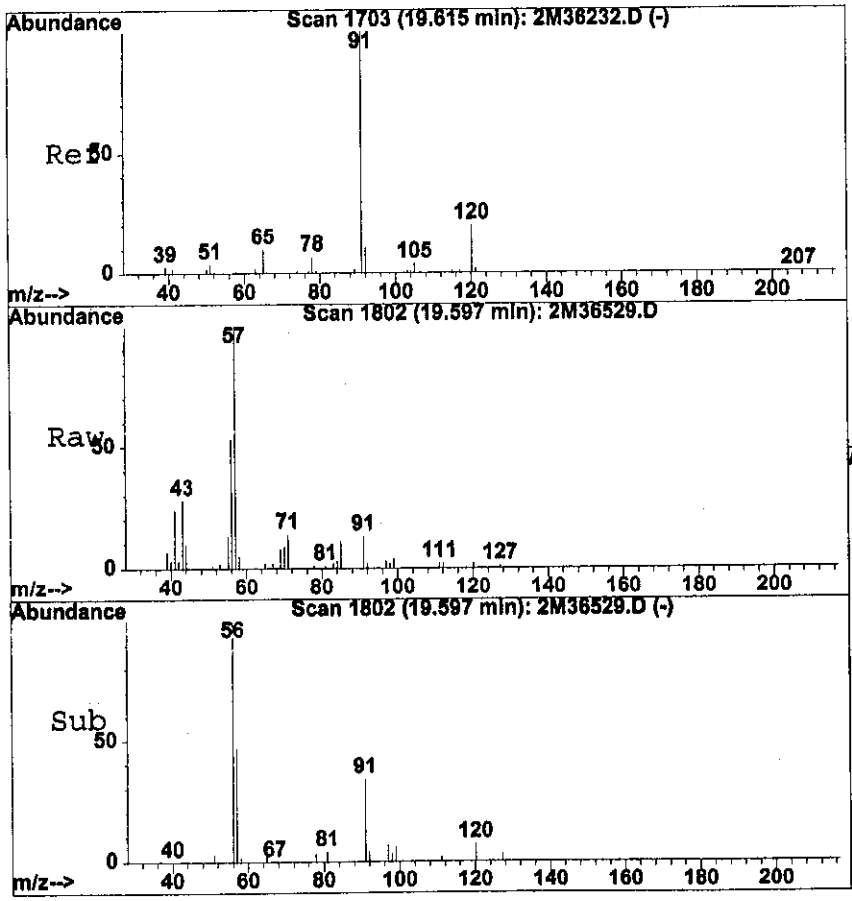


#68
trans-1,4-Dichloro-2-Butene
Concen: 268.57 UG/L
RT: 19.52 min Scan# 1794
Delta R.T. -0.06 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 53 Resp: 1016

Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

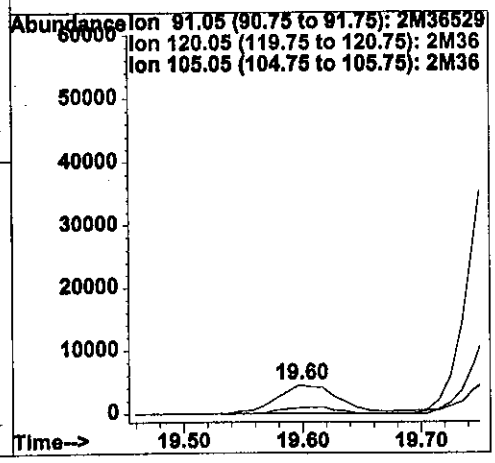


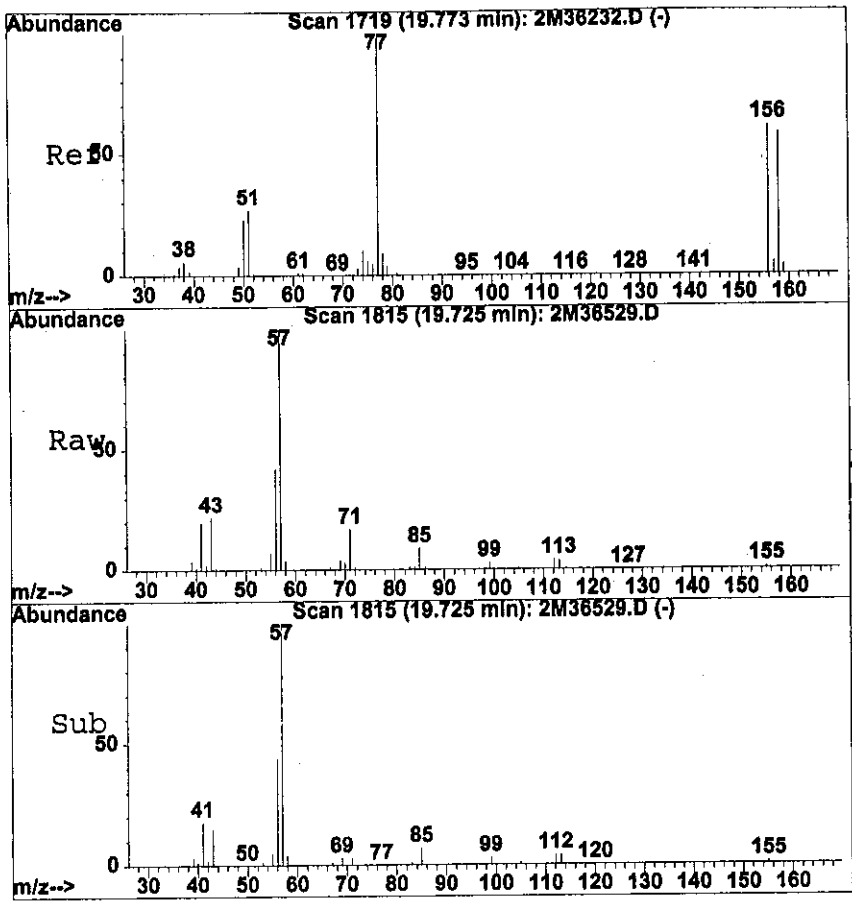


#69
n-Propylbenzene
Concen: 139.76 UG/L
RT: 19.60 min Scan# 1802
Delta R.T. -0.05 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 91 Resp: 15999

Ion	Ratio	Lower	Upper
91	100		
120	17.9	15.5	23.3
105	0.0	3.0	4.4#

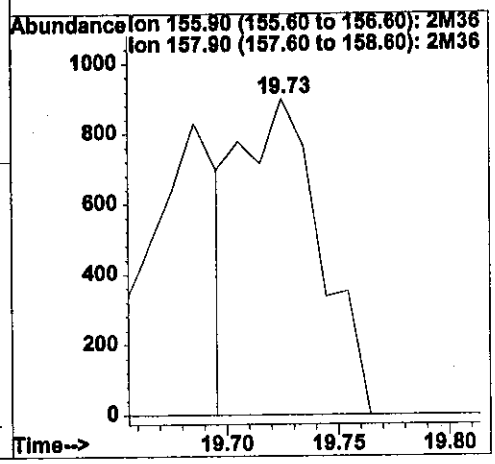


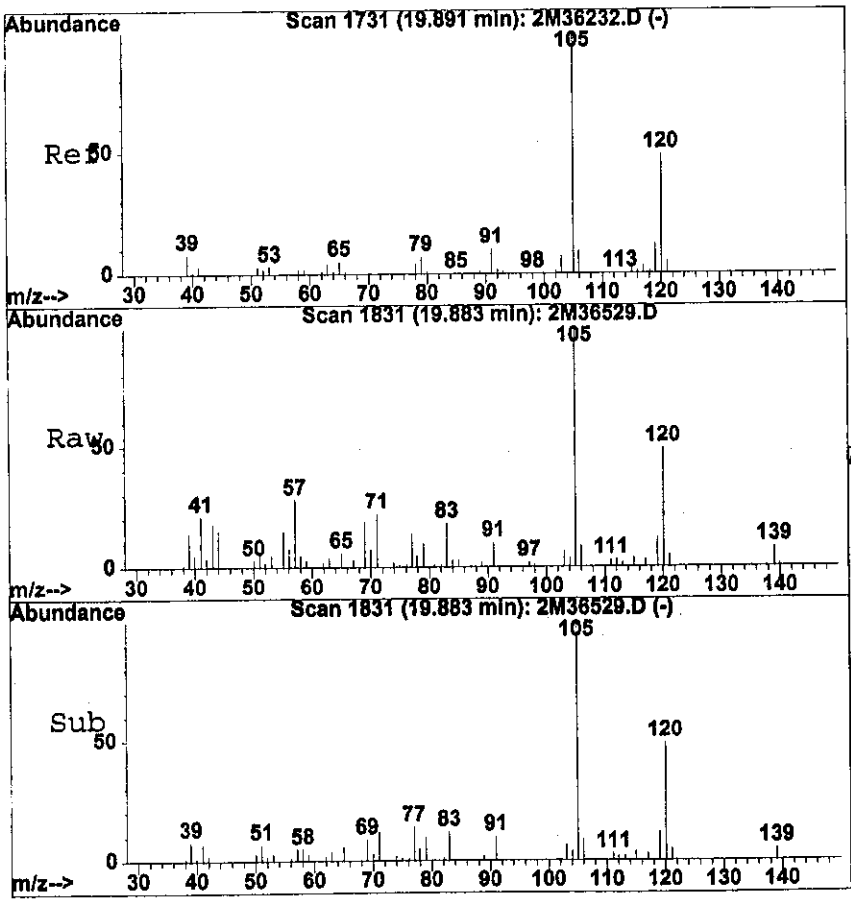


#70
Bromobenzene
Concen: 108.02 UG/L
RT: 19.73 min Scan# 1815
Delta R.T. -0.08 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:156 Resp: 2272

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

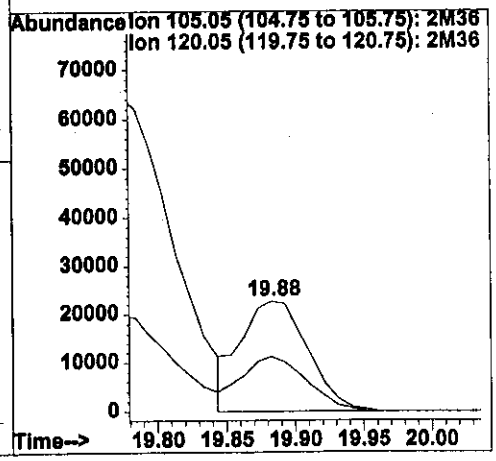


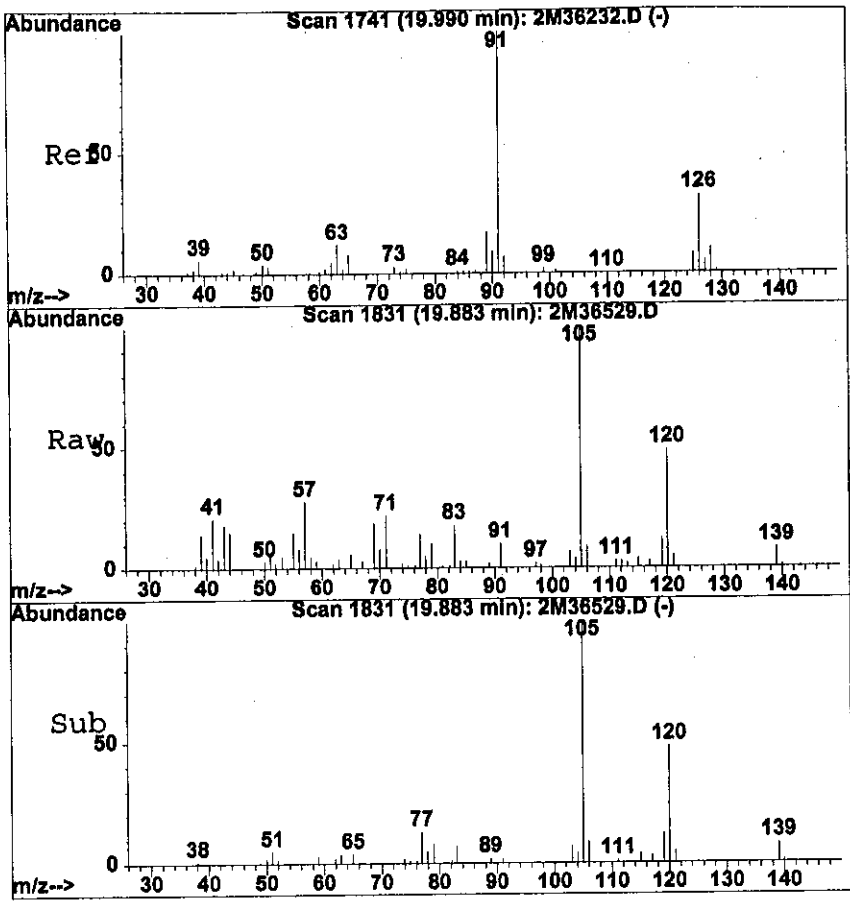


#71
1,3,5-Trimethylbenzene
Concen: 1096.45 UG/L
RT: 19.88 min Scan# 1831
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:105 Resp: 76853

Ion	Ratio	Lower	Upper
105	100		
120	47.8	37.0	55.4

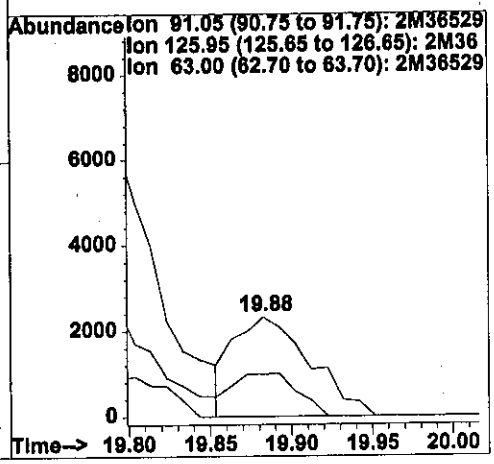


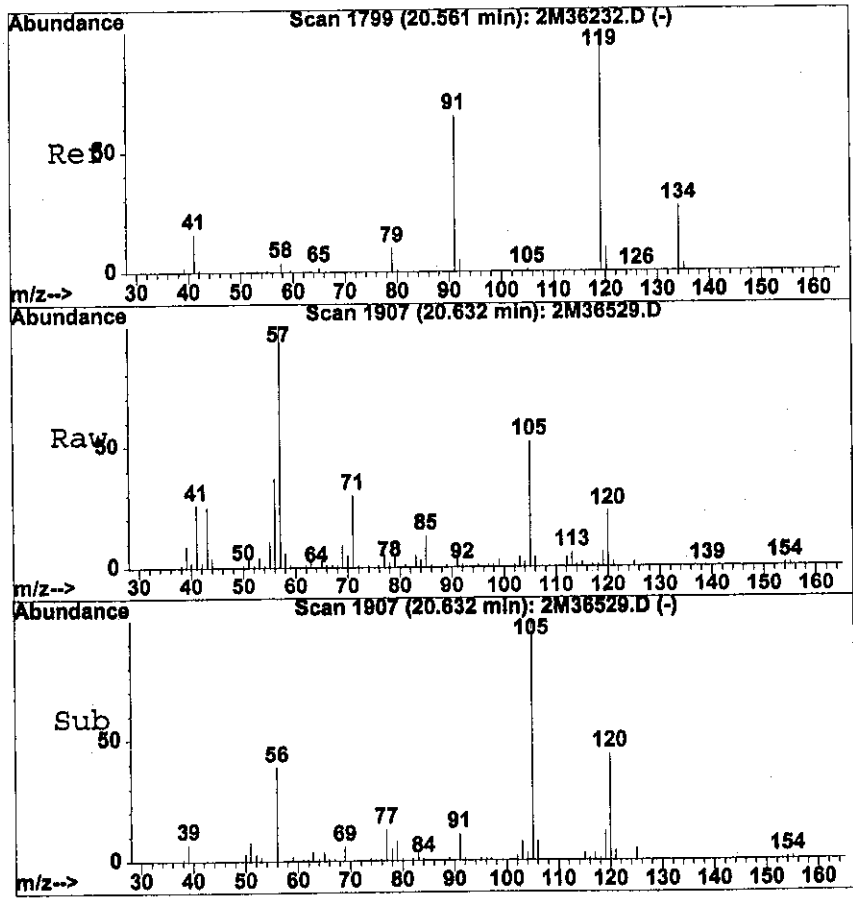


#72
2-Chlorotoluene
Concen: 106.28 UG/L
RT: 19.88 min Scan# 1831
Delta R.T. -0.14 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 91 Resp: 7600

Ion	Ratio	Lower	Upper
91	100		
126	0.0	23.5	35.3#
63	35.9	10.7	16.1#

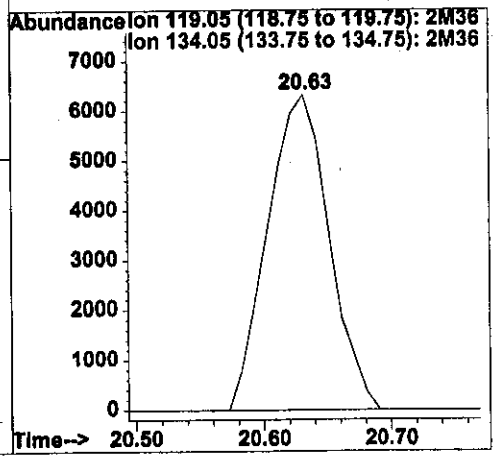


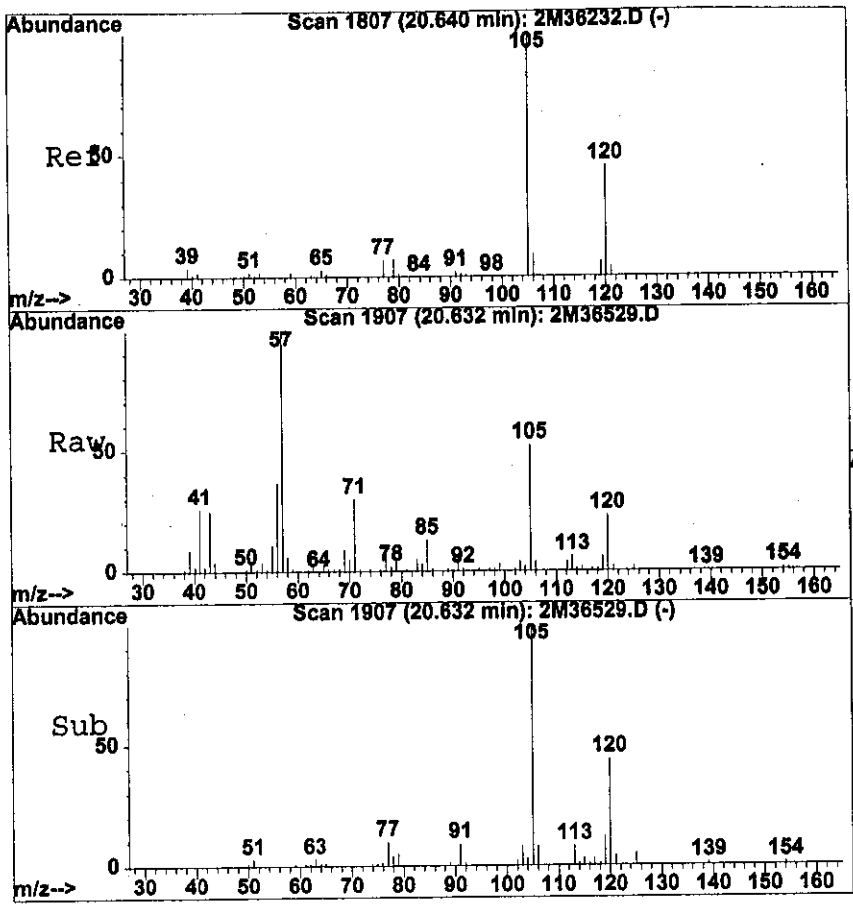


#75
tert-Butylbenzene
Concen: 321.43 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. 0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:119 Resp: 21159

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

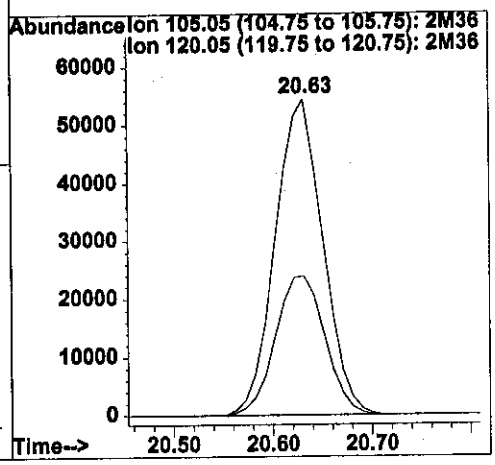


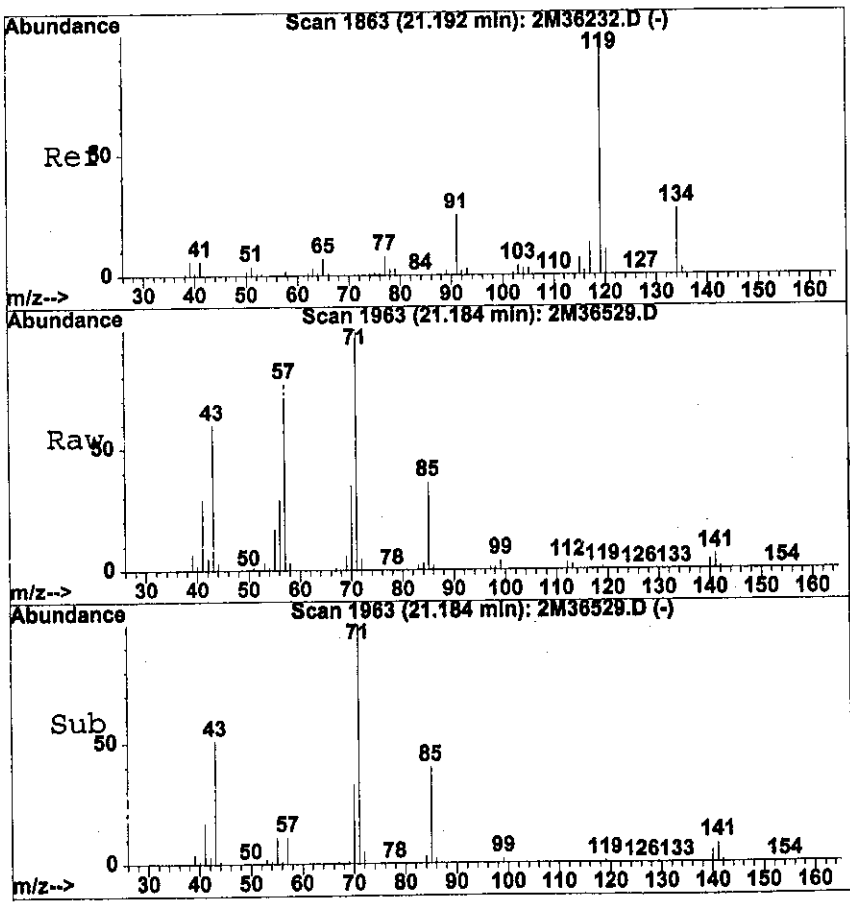


#76
1,2,4-Trimethylbenzene
Concen: 2586.04 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:105 Resp: 181267

Ion	Ratio	Lower	Upper
105	100		
120	45.7	33.7	50.5

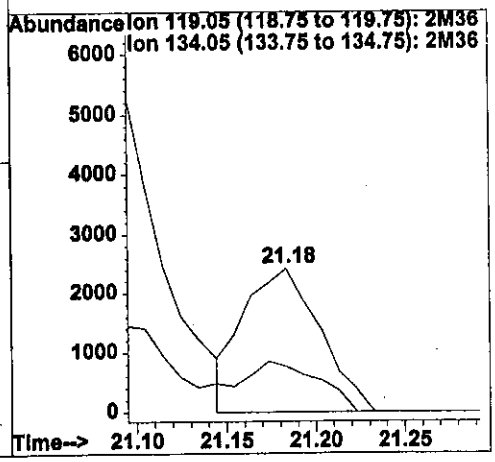


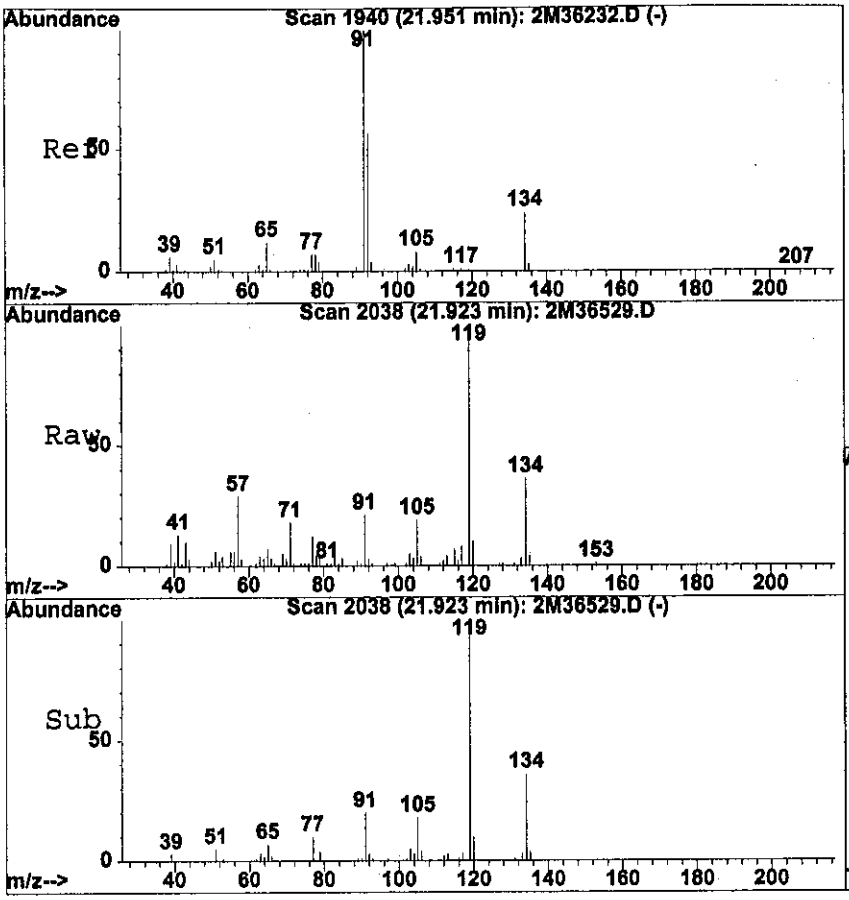


#78
p-Isopropyltoluene
Concen: 108.10 UG/L
RT: 21.18 min Scan# 1963
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:119 Resp: 7167

Ion	Ratio	Lower	Upper
119	100		
134	30.7	21.6	32.4

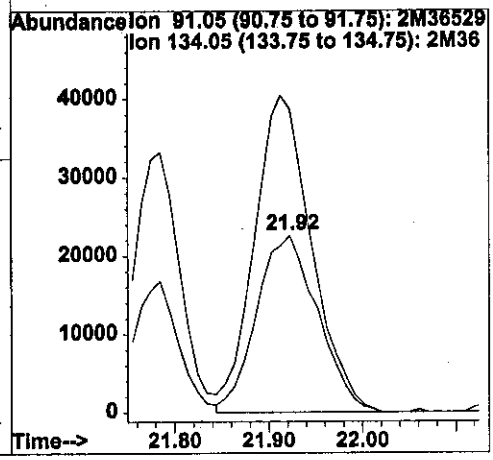


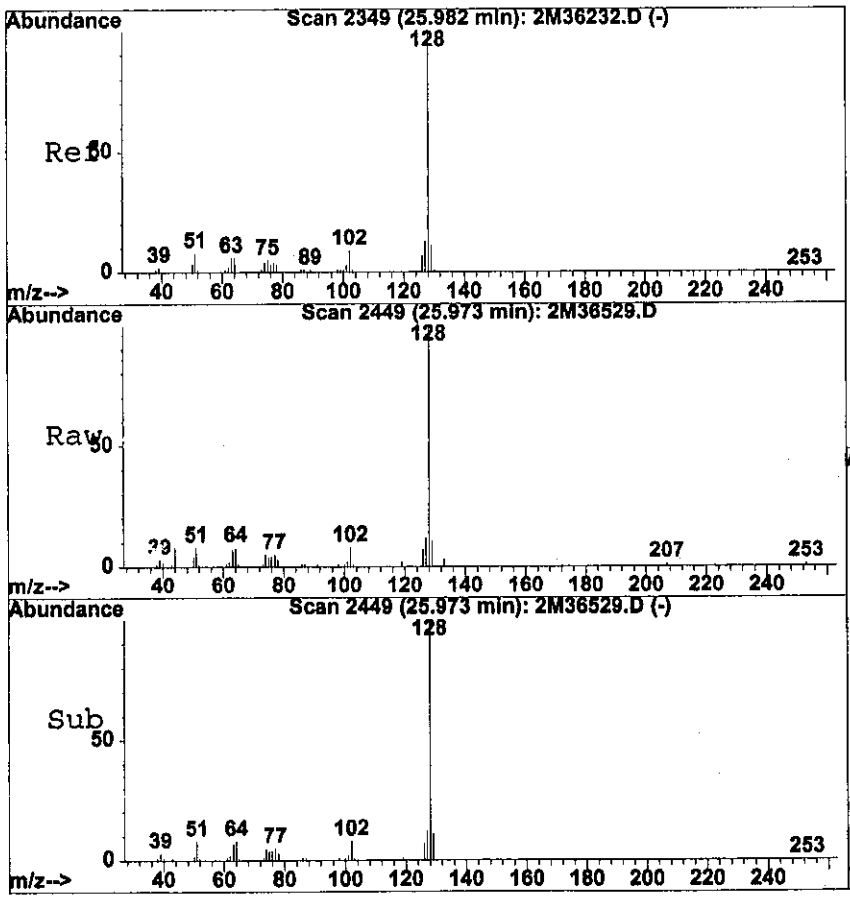


#81
n-Butylbenzene
Concen: 1597.27 UG/L
RT: 21.92 min Scan# 2038
Delta R.T. -0.06 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion: 91 Resp: 102343

Ion	Ratio	Lower	Upper
91	100		
134	167.0	19.0	28.6#

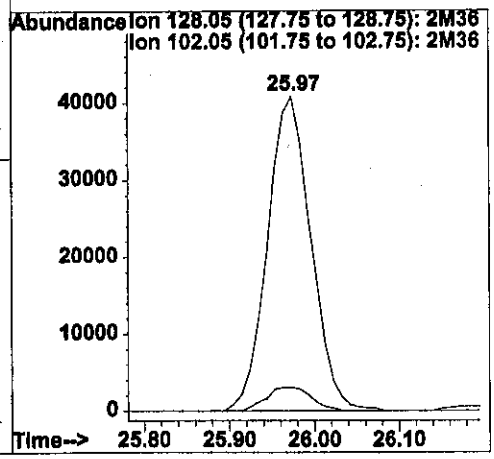




#86
Naphthalene
Concen: 5745.52 UG/L
RT: 25.97 min Scan# 2449
Delta R.T. -0.04 min
Lab File: 2M36529.D
Acq: 19 Jun 2000 19:37

Tgt Ion:128 Resp: 145107

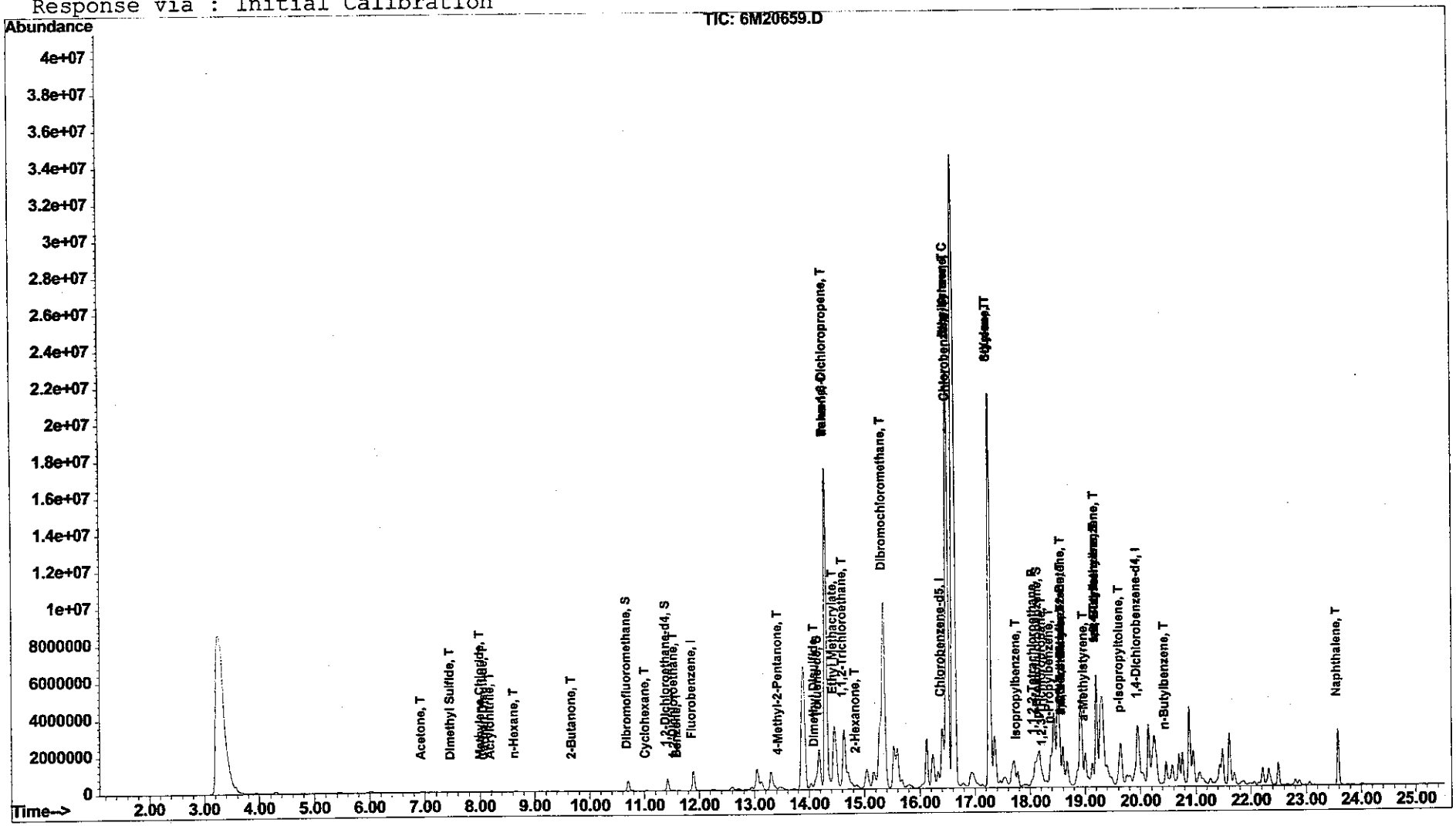
Ion	Ratio	Lower	Upper
128	100		
102	7.8	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20659.D Vial: 20
Acq On : 19 Jun 2000 19:23 Operator: CMS
Sample : L0006193-03 B IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 19:49 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20659.D Vial: 20
Acq On : 19 Jun 2000 19:23 Operator: CMS
Sample : L0006193-03 B IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 20 17:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.89	96	1401869	50.00 ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1119880	50.00 ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	564041	50.00 ug/kg	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.70	111	475752	45.22 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.44%	
33) 1,2-Dichloroethane-d4	11.42	65	620866	49.16 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.32%	
45) Toluene-d8	14.19	98	1567200	47.01 ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	94.02%	
66) p-Bromofluorobenzene	18.17	95	659149	52.17 ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	104.34%	
Target Compounds					Qvalue
11) Acetone	6.95	43	95633	29.75 ug/kg NR	90
13) Dimethyl Sulfide	7.48	62	5156	0.46 ug/kg#	1
15) Methylene Chloride	8.04	84	4093	0.49 ug/kg# BDL	57
16) Carbon Disulfide	8.10	76	14630	0.43 ug/kg#	94
17) Acrylonitrile	8.21	53	2180	0.45 ug/kg#	12
20) n-Hexane	8.66	57	44856	2.17 ug/kg	93
23) 2-Butanone	9.70	43	5515	0.83 ug/kg	96
30) Cyclohexane	11.04	56	30116	1.28 ug/kg#	76
34) 1,2-Dichloroethane	11.57	62	4177	0.24 ug/kg#	99
35) Benzene	11.62	78	29949	0.82 ug/kg# BDL	84 J
41) 4-Methyl-2-Pentanone	13.45	58	51611	12.84 ug/kg#	83
43) Dimethyl Disulfide	14.11	79	3777	0.46 ug/kg#	50
46) Toluene	14.30	91	19662542	473.57 ug/kg I	90
47) Ethyl Methacrylate	14.46	69	562413	51.63 ug/kg#	60
48) trans-1,3-Dichloropropene	14.30	75	154511	10.56 ug/kg#	52
49) 1,1,2-Trichloroethane	14.63	97	2025432	246.33 ug/kg#	17
50) 2-Hexanone	14.87	43	68455	6.55 ug/kg	99
53) Dibromochloromethane	15.35	129	4380	0.44 ug/kg	89
56) Chlorobenzene	16.52	112	8038	0.28 ug/kg#	1
58) Ethylbenzene	16.50	106	11021901	692.96 ug/kg# I	61
59) m-,p-Xylene	16.62	106	24892157m	1240.57 ug/kg I	
60) o-Xylene	17.27	106	11003675	573.49 ug/kg I	81
61) Styrene	17.27	104	538182	16.63 ug/kg#	1
63) Isopropylbenzene	17.77	105	870020	17.43 ug/kg	100
65) 1,1,2,2-Tetrachloroethane	18.07	83	38850	4.28 ug/kg# NM	51
67) 1,2,3-Trichloropropane	18.25	110	902	0.29 ug/kg#	24
68) trans-1,4-Dichloro-2-Buten	18.59	53	46076	12.38 ug/kg	85

(#) = qualifier out of range (m) = manual integration
6M20659.D 8260PRES.M Tue Jun 20 17:36:31 2000

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20659.D Vial: 20
Acq On : 19 Jun 2000 19:23 Operator: CMS
Sample : L0006193-03 B IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 20 17:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

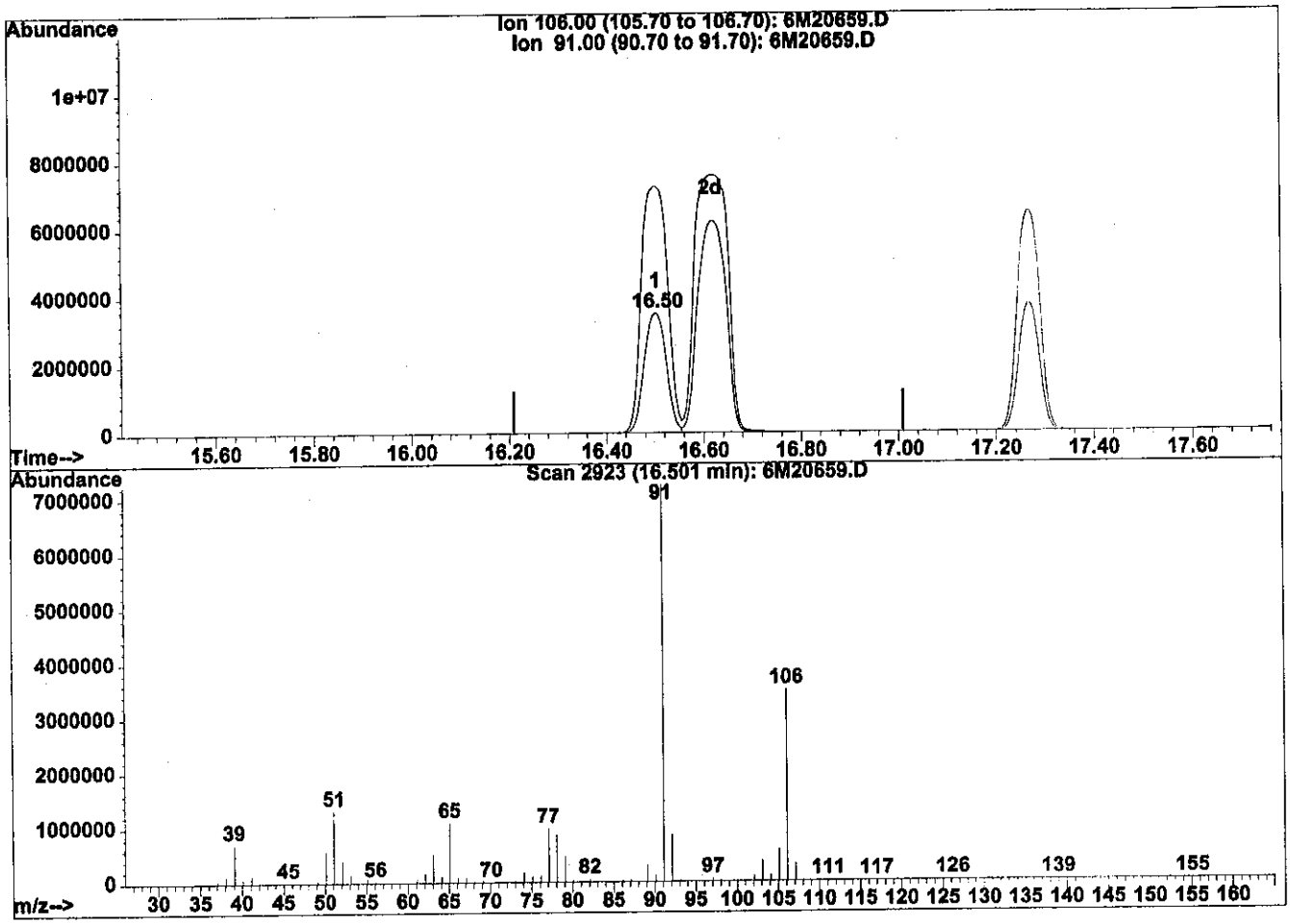
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69) n-Propylbenzene	18.37	91	1248400	23.73	ug/kg#	96
71) 1,3,5-Trimethylbenzene	18.59	105	1723049	45.83	ug/kg	99
72) 2-Chlorotoluene	18.59	91	177969	5.34	ug/kg#	39
73) 4-Chlorotoluene	18.59	91	177488	5.27	ug/kg#	39
74) a-Methylstyrene	19.01	118	6296	0.34	ug/kg#	1
75) tert-Butylbenzene	19.21	119	543388	15.92	ug/kg#	51
76) 1,2,4-Trimethylbenzene	19.21	105	4669167	119.35	ug/kg	98
77) sec-Butylbenzene	19.21	105	4669167	96.24	ug/kg#	57
78) p-Isopropyltoluene	19.65	119	66095	1.59	ug/kg	100
81) n-Butylbenzene	20.47	91	178584	4.50	ug/kg	94
86) Naphthalene	23.58	128	3395374	97.54	ug/kg	100

(#) = qualifier out of range (m) = manual integration
6M20659.D 8260PRES.M Tue Jun 20 17:36:34 2000 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20659.D Vial: 20
Acq On : 19 Jun 2000 19:23 Operator: CMS
Sample : L0006193-03 B IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK) Multiplr: 0.80
Quant Time: Jun 19 19:49 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20659.D

(59) m-,p-Xylene (T)

16.50min 549.31ug/kg

response 11021901

6-19-00 ans

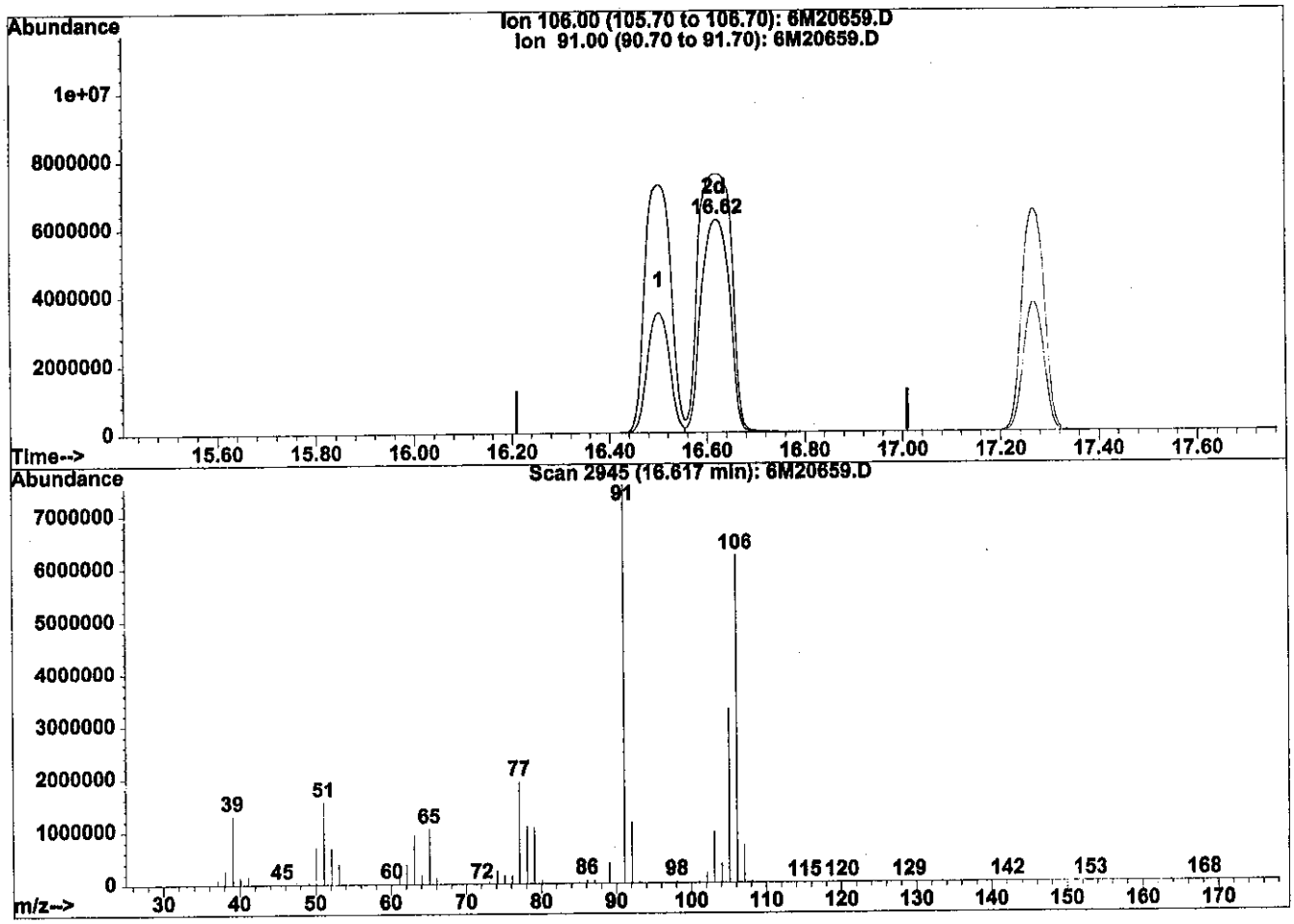
Ion	Exp%	Act%
106.00	100	100
91.00	207.40	243.04
0.00	0.00	0.00
0.00	0.00	0.00

6M20659.D 8260PRES.M Tue Jun 20 17:34:36 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20659.D Vial: 20
Acq On : 19 Jun 2000 19:23 Operator: CMS
Sample : L0006193-03 B IT CORP 826-SPE-VO 5.9G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK) Multiplr: 0.80
Quant Time: Jun 20 17:34 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20659.D

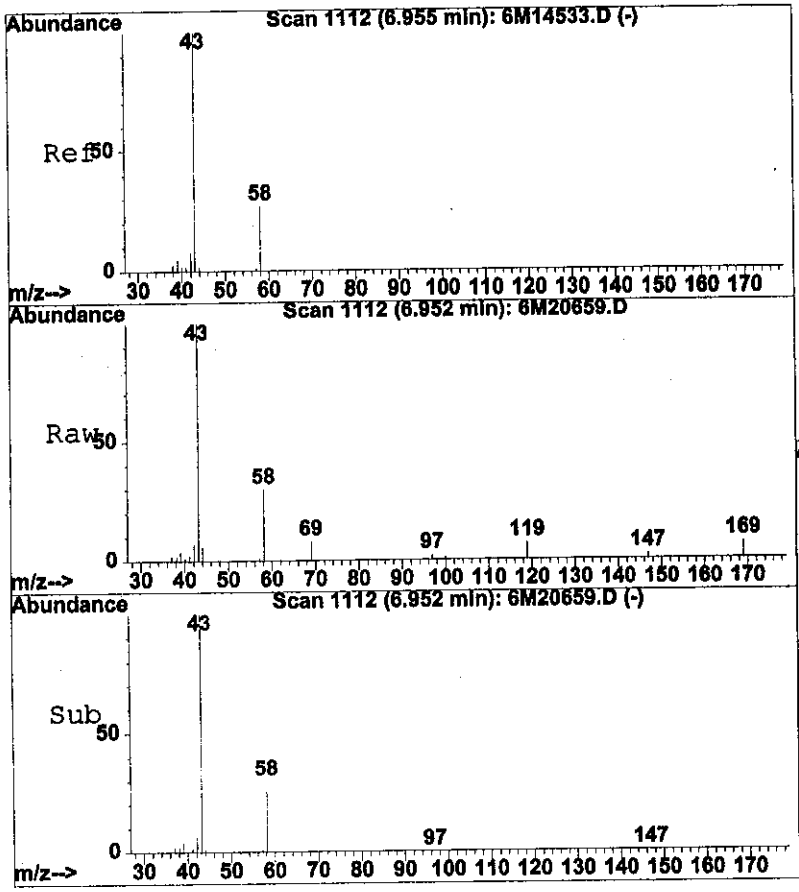
(59) m-,p-Xylene (T)

16.62min 1240.57ug/kg m

response 24892157

6-19-00 CMS

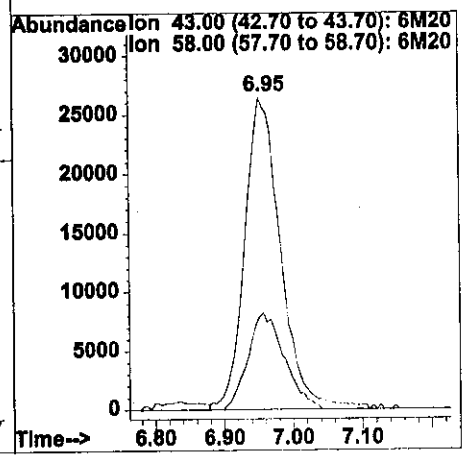
Ion	Exp%	Act%
106.00	100	100
91.00	207.40	107.61#
0.00	0.00	0.00
0.00	0.00	0.00

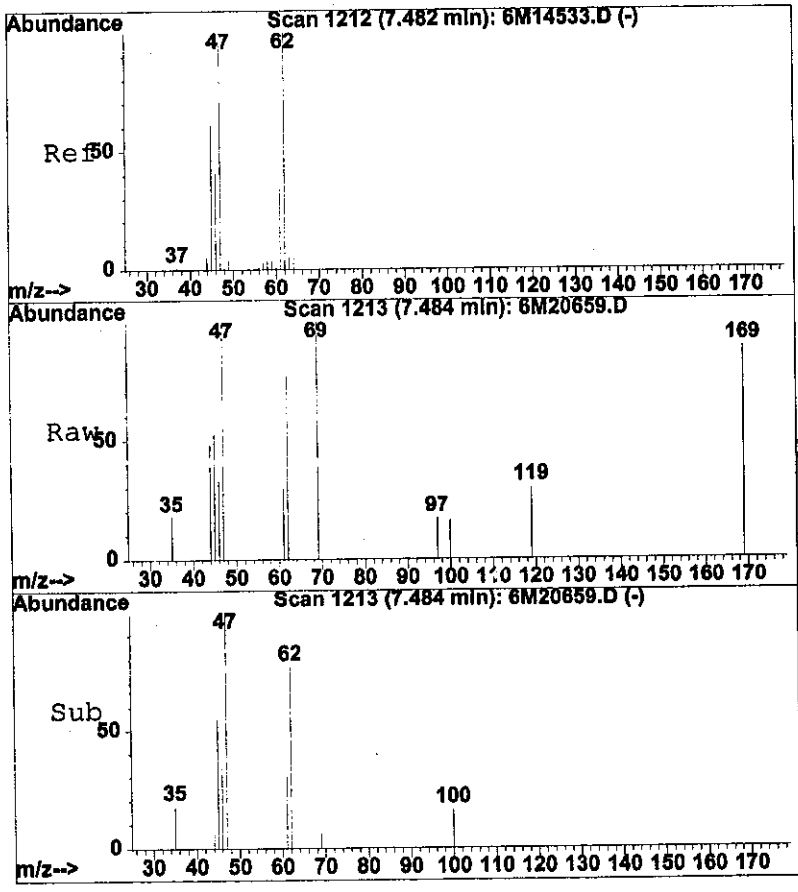


#11
Acetone
Concen: 29.75 ug/kg
RT: 6.95 min Scan# 1112
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 43 Resp: 95633

Ion	Ratio	Lower	Upper
43	100		
58	31.6	21.1	31.7

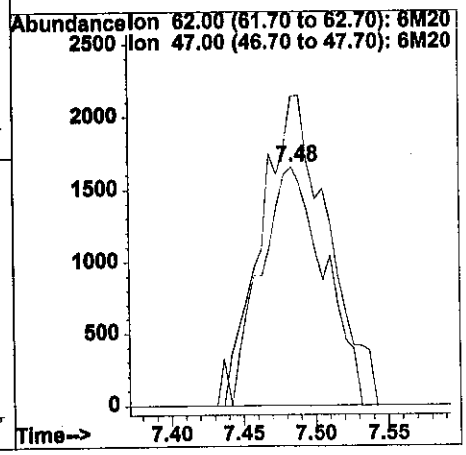


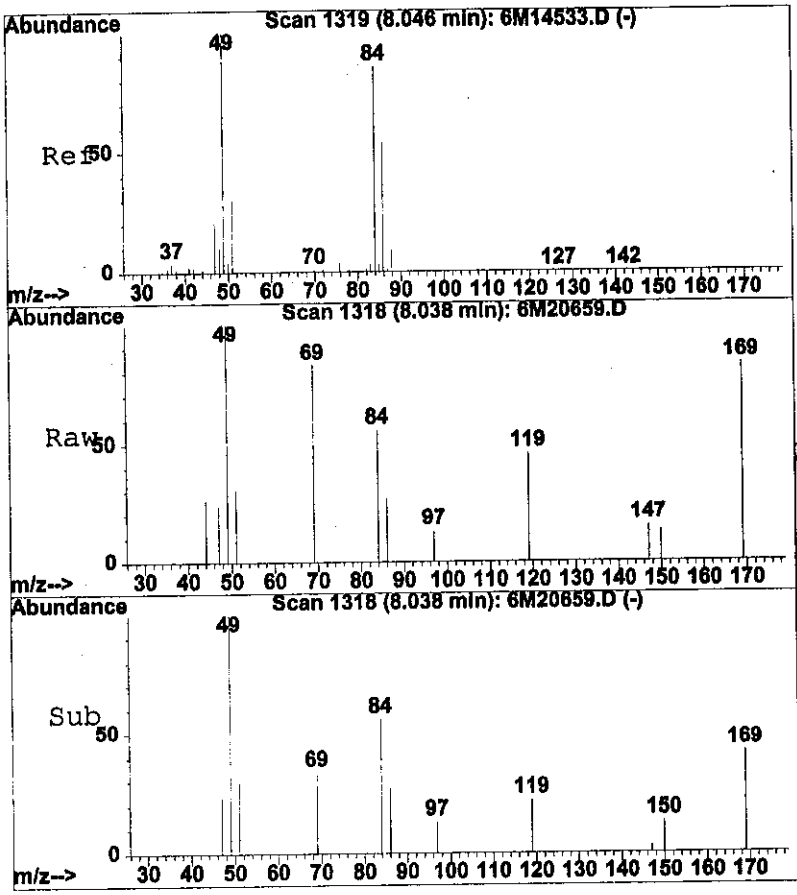


#13
Dimethyl Sulfide
Concen: 0.46 ug/kg
RT: 7.48 min Scan# 1213
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 62 Resp: 5156

Ion	Ratio	Lower	Upper
62	100		
47	133.4	5.8	8.8#

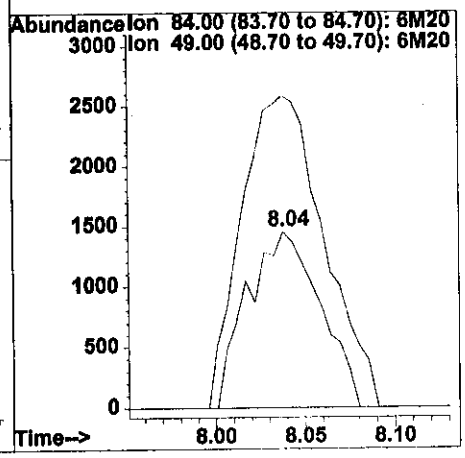


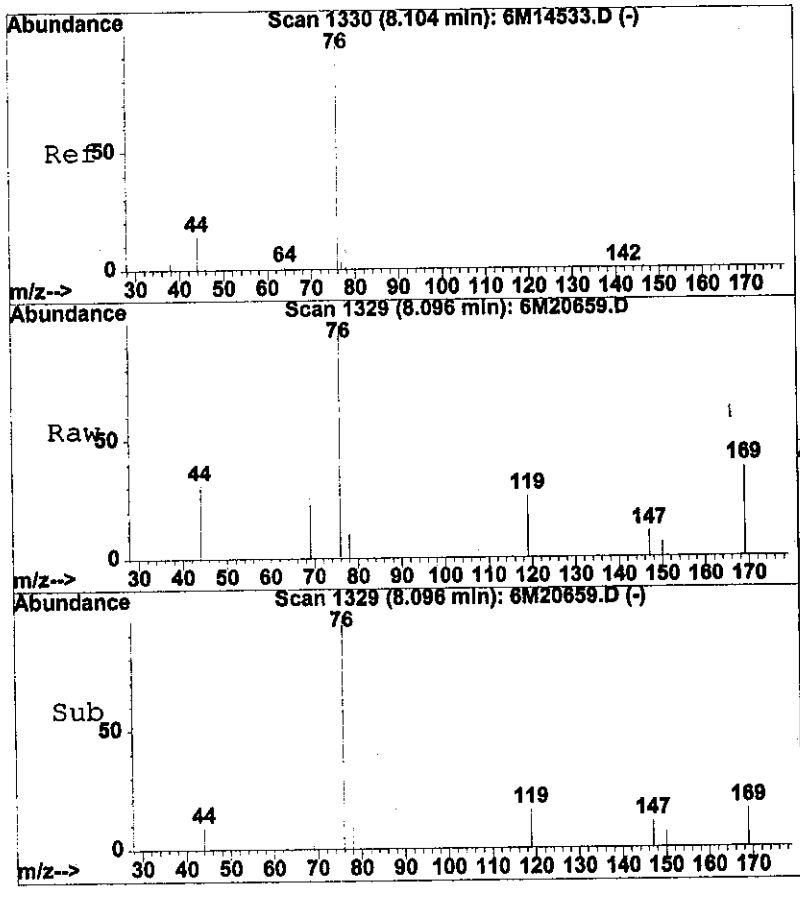


#15
Methylene Chloride
Concen: 0.49 ug/kg
RT: 8.04 min Scan# 1318
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 84 Resp: 4093

Ion	Ratio	Lower	Upper
84	100		
49	201.1	117.8	176.8#

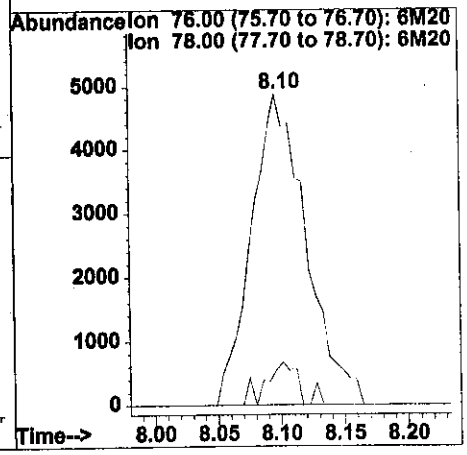


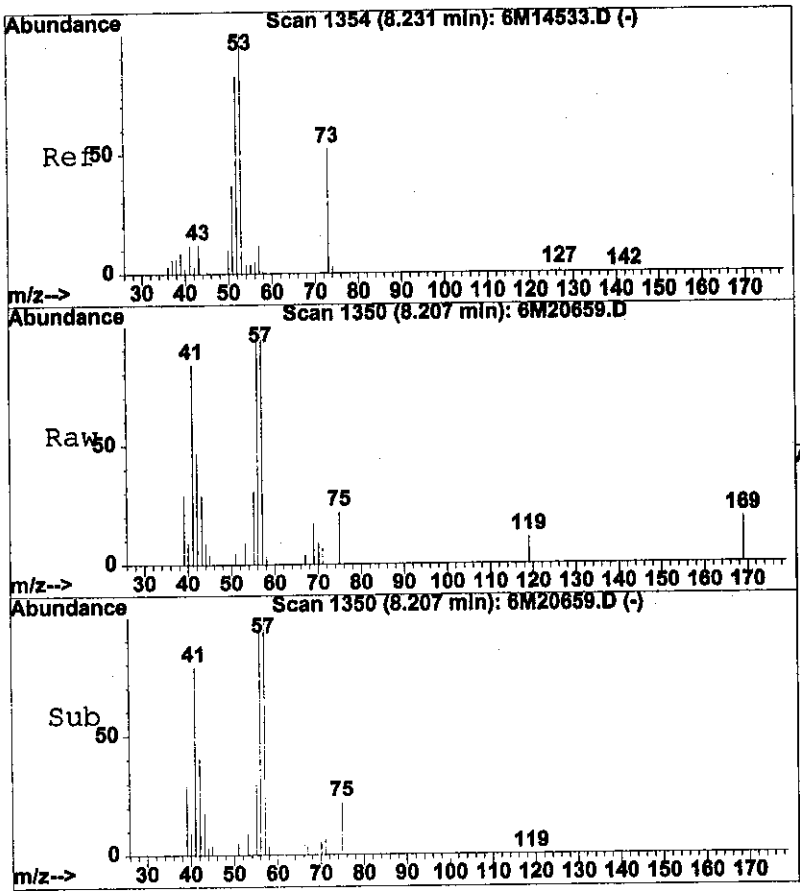


#16
Carbon Disulfide
Concen: 0.43 ug/kg
RT: 8.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 76 Resp: 14630

Ion	Ratio	Lower	Upper
76	100		
78	6.7	7.2	10.8#

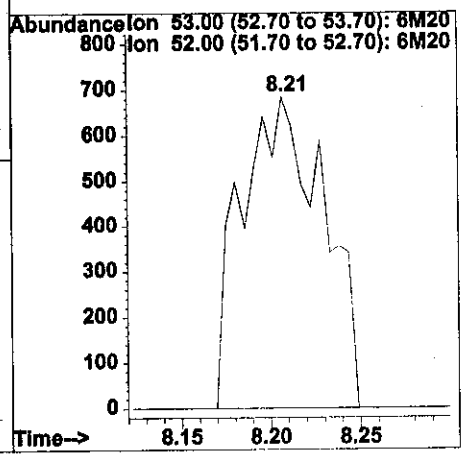


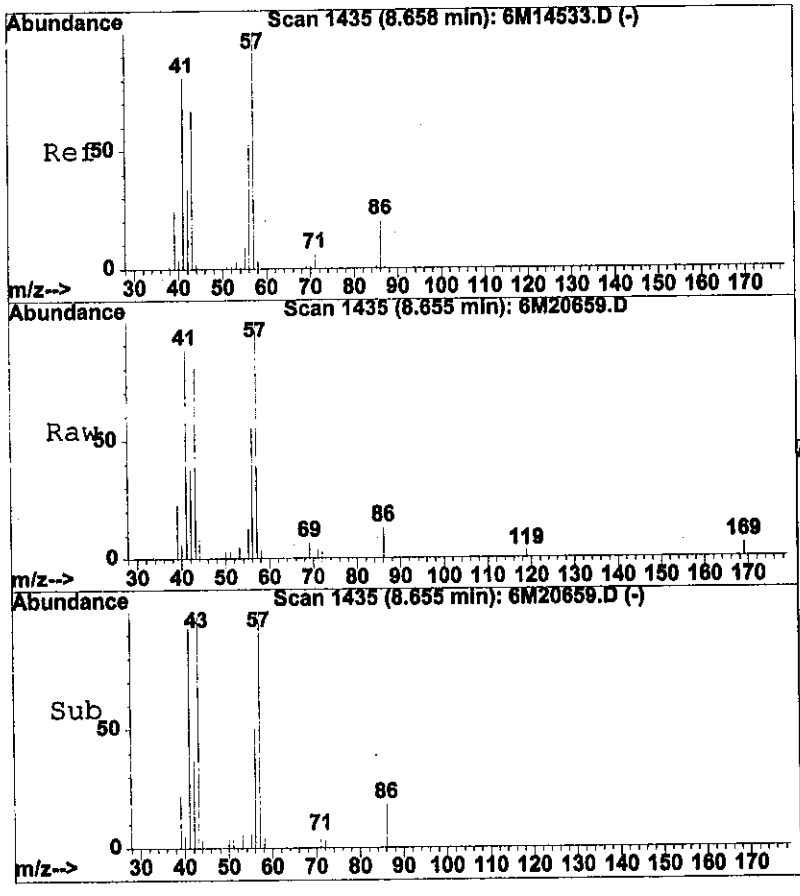


#17
Acrylonitrile
Concen: 0.45 ug/kg
RT: 8.21 min Scan# 1350
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 53 Resp: 2180

Ion	Ratio	Lower	Upper
53	100		
52	0.0	59.8	89.6#

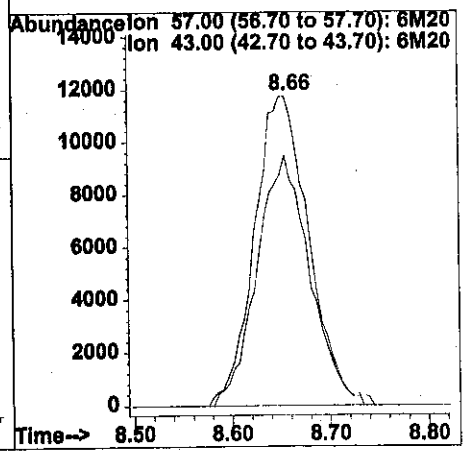


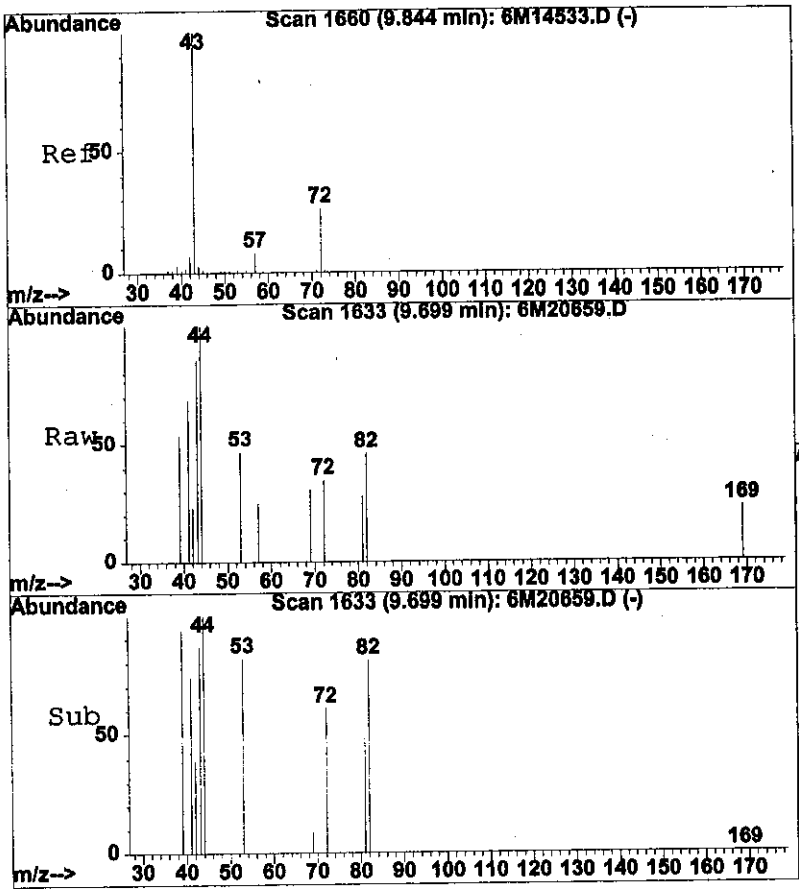


#20
n-Hexane
Concen: 2.17 ug/kg
RT: 8.66 min Scan# 1435
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 57 Resp: 44856

Ion	Ratio	Lower	Upper
57	100		
43	79.7	59.0	88.6

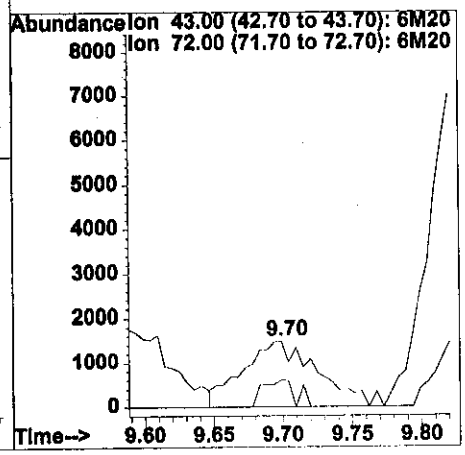


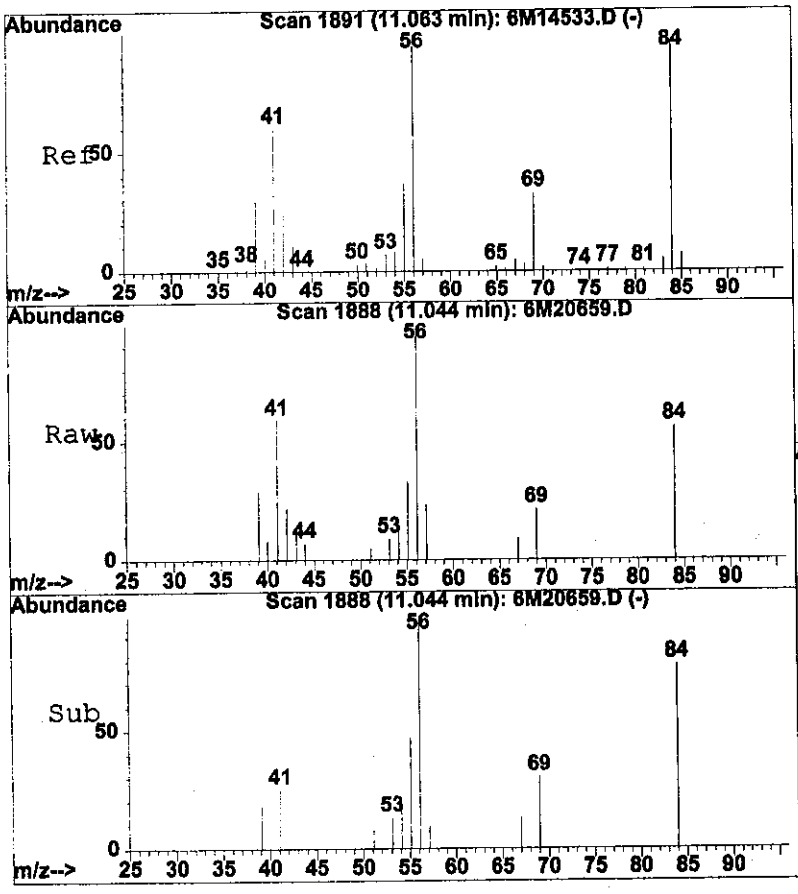


#23
2-Butanone
Concen: 0.83 ug/kg
RT: 9.70 min Scan# 1633
Delta R.T. -0.13 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 43 Resp: 5515

Ion	Ratio	Lower	Upper
43	100		
72	18.2	16.2	24.4

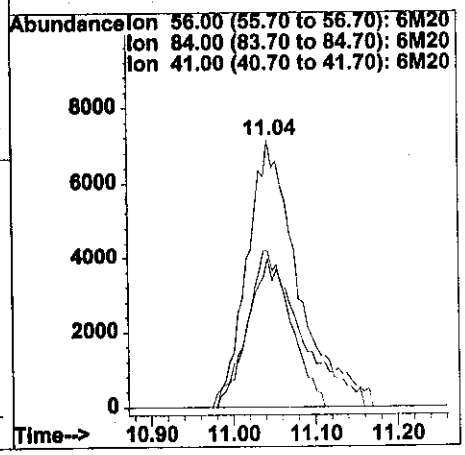


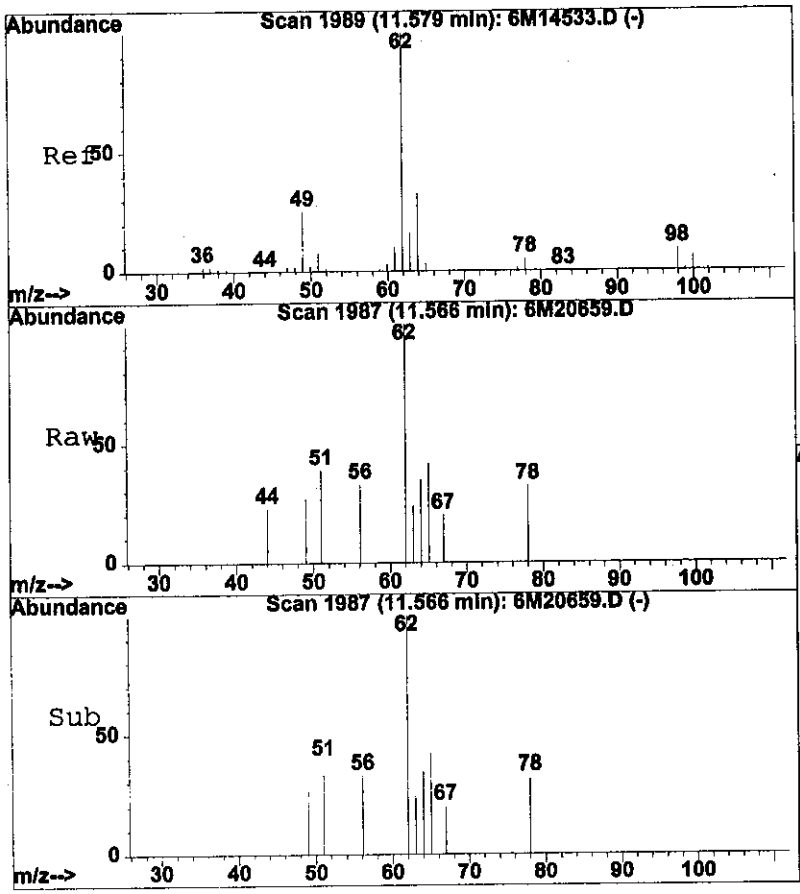


#30
Cyclohexane
Concen: 1.28 ug/kg
RT: 11.04 min Scan# 1888
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 56 Resp: 30116

Ion	Ratio	Lower	Upper
56	100		
84	48.6	64.1	96.1#
41	59.1	52.9	79.3

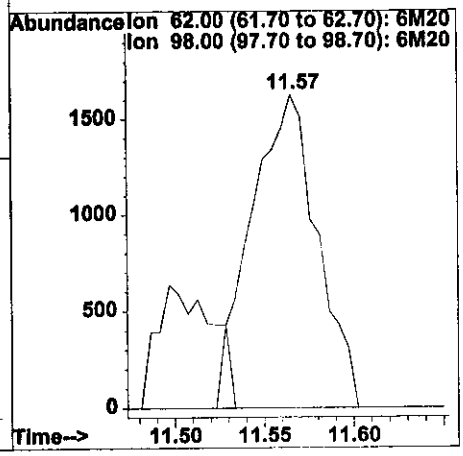


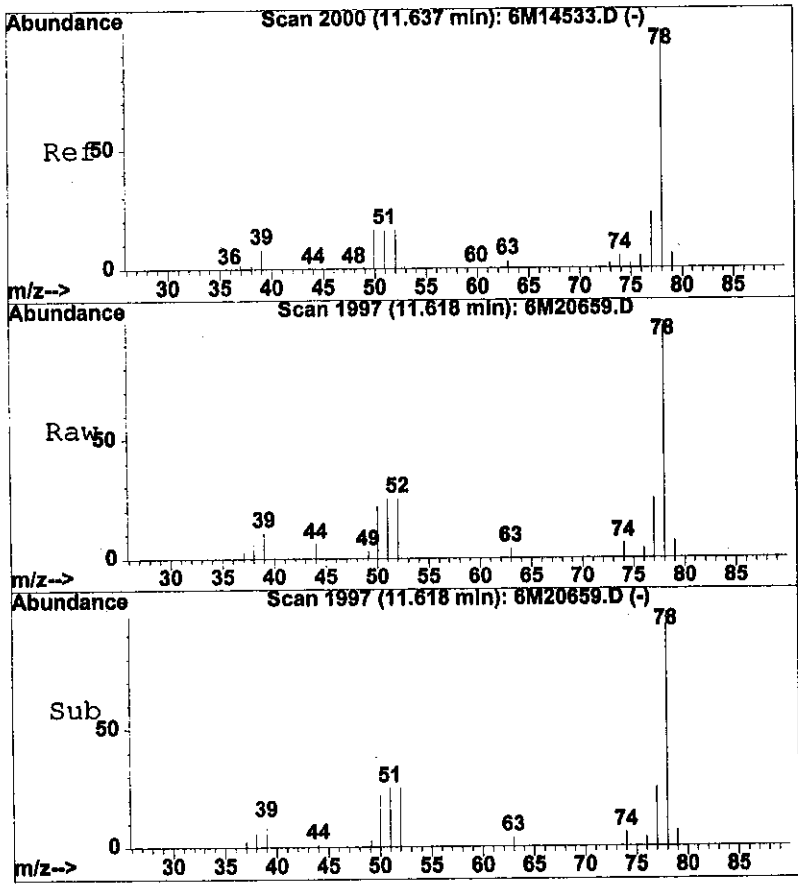


#34
1,2-Dichloroethane
Concen: 0.24 ug/kg
RT: 11.57 min Scan# 1987
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 62 Resp: 4177

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

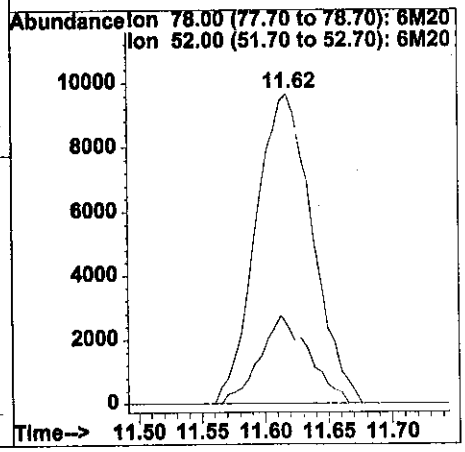


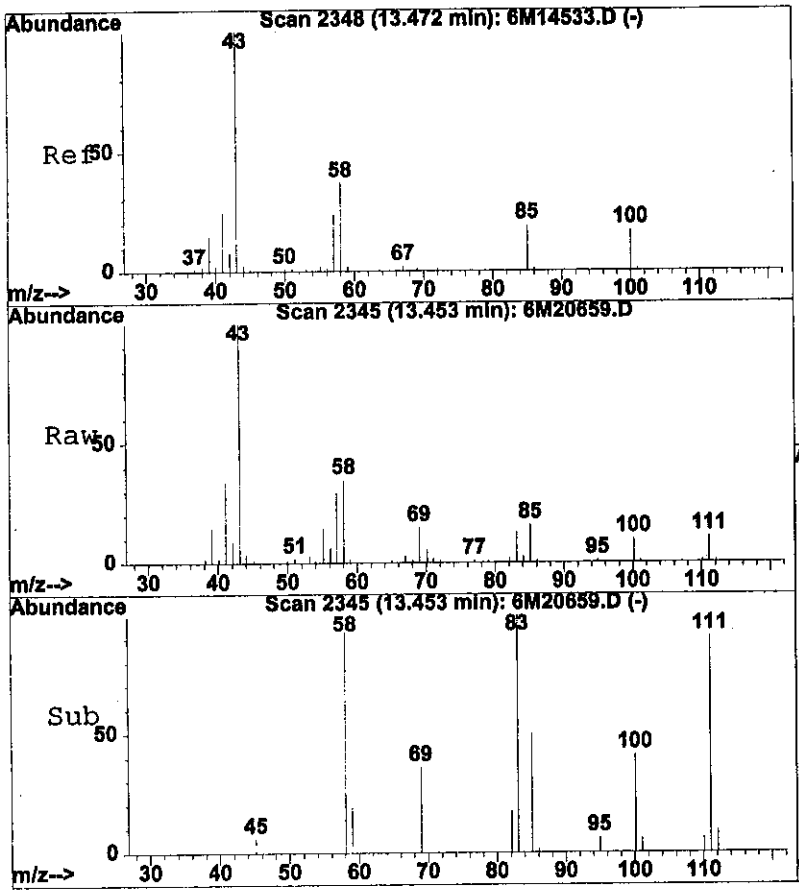


#35
Benzene
Concen: 0.82 ug/kg
RT: 11.62 min Scan# 1997
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 78 Resp: 29949

Ion	Ratio	Lower	Upper
78	100		
52	24.7	14.2	21.4#

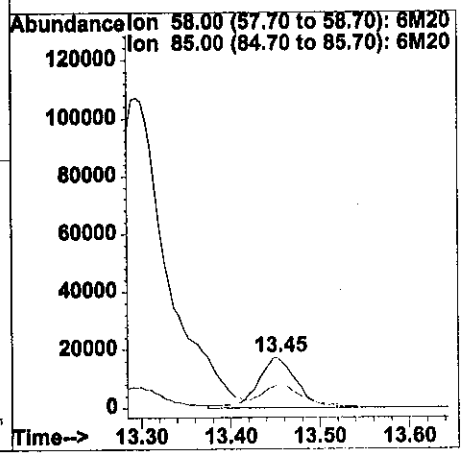


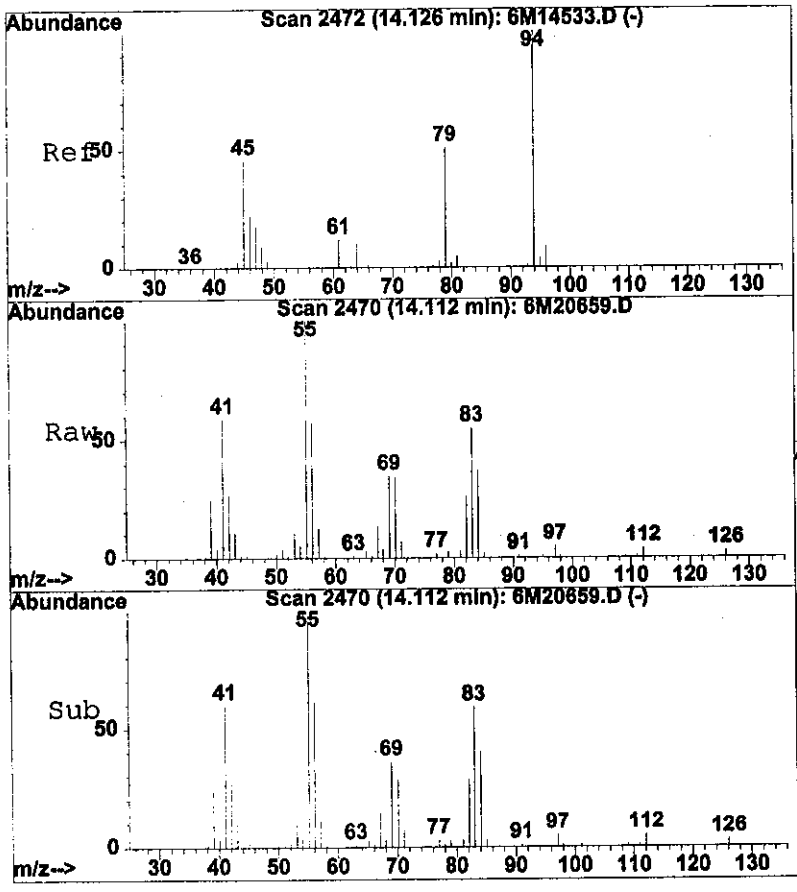


#41
4-Methyl-2-Pentanone
Concen: 12.84 ug/kg
RT: 13.45 min Scan# 2345
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 58 Resp: 51611

Ion	Ratio	Lower	Upper
58	100		
85	50.7	32.2	48.2#

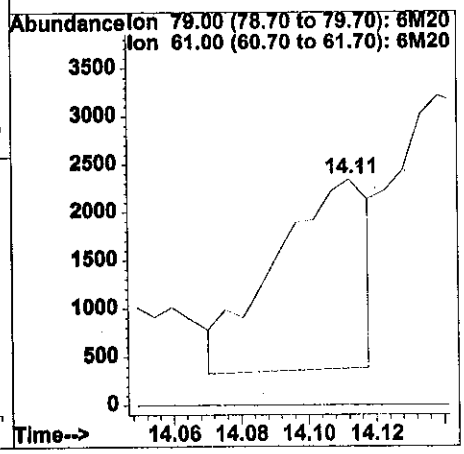


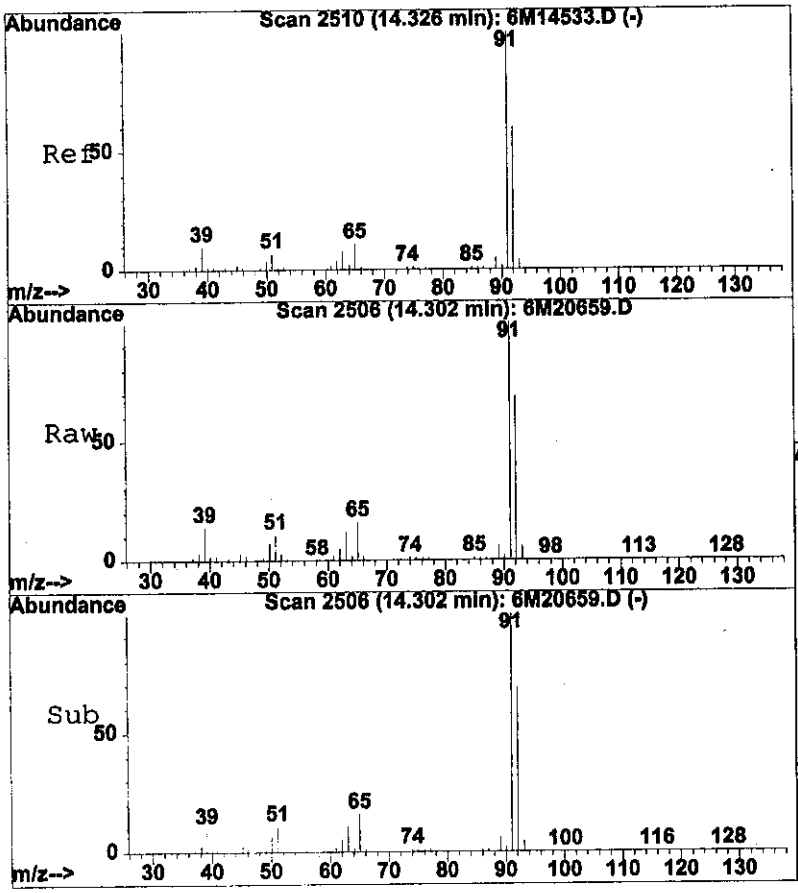


#43
Dimethyl Disulfide
Concen: 0.46 ug/kg
RT: 14.11 min Scan# 2470
Delta R.T. 0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 79 Resp: 3777

Ion	Ratio	Lower	Upper
79	100		
61	0.0	19.9	29.9#

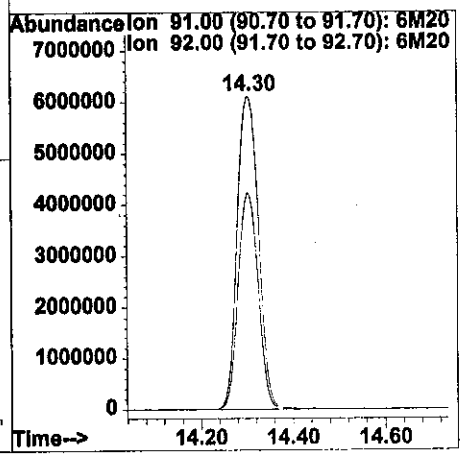


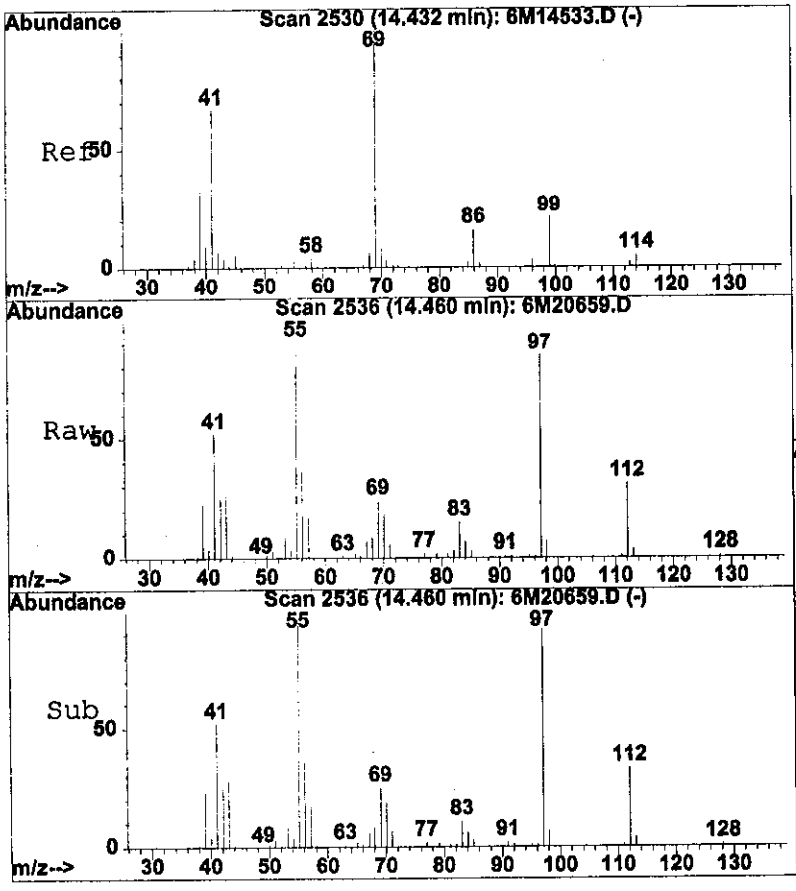


#46
Toluene
Concen: 473.57 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 91 Resp:19662542

Ion	Ratio	Lower	Upper
91	100		
92	65.4	46.6	69.8

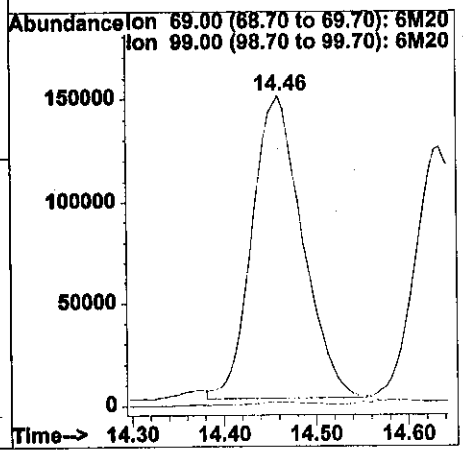


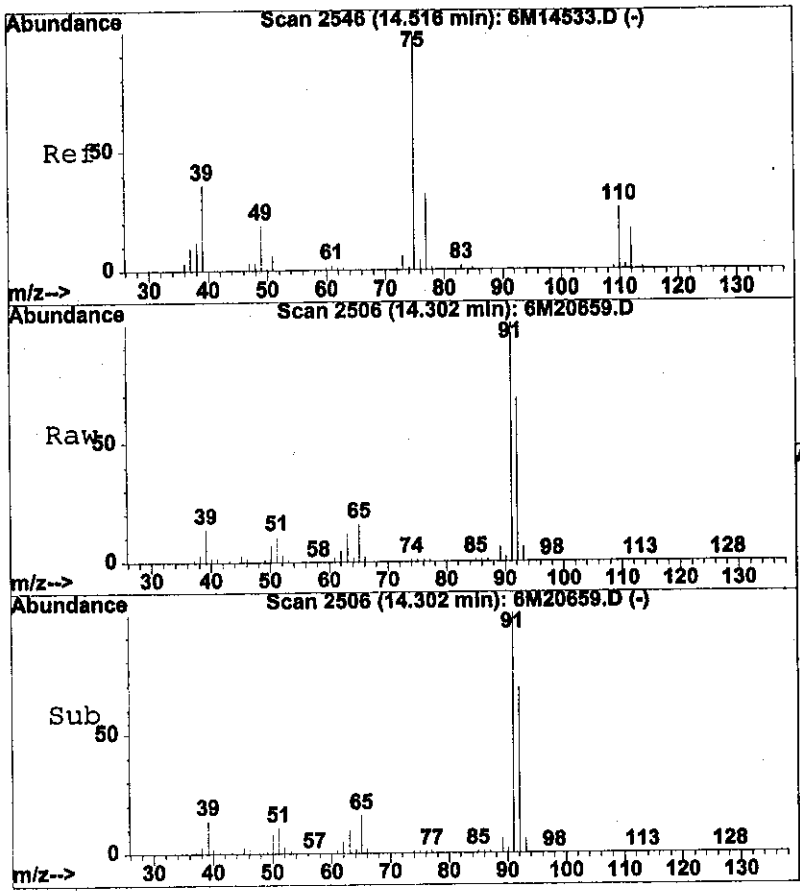


#47
Ethyl Methacrylate
Concen: 51.63 ug/kg
RT: 14.46 min Scan# 2536
Delta R.T. 0.04 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 69 Resp: 562413

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

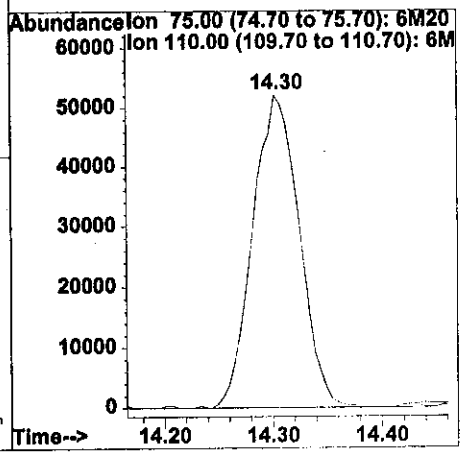


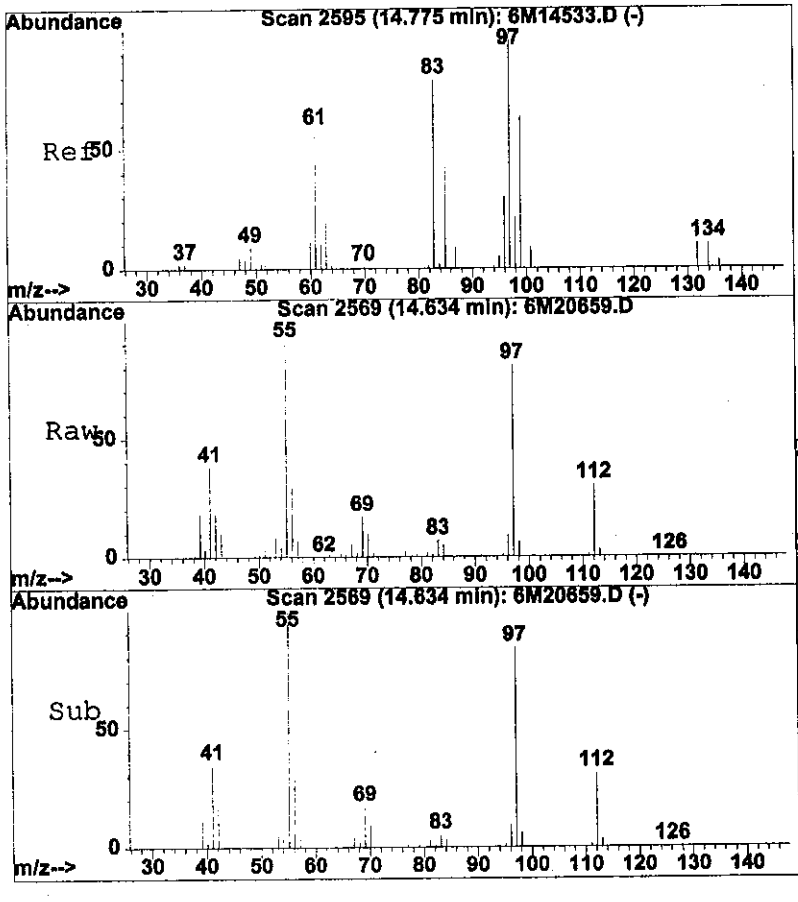


#48
trans-1,3-Dichloropropene
Concen: 10.56 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.19 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 75 Resp: 154511

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	27.7#

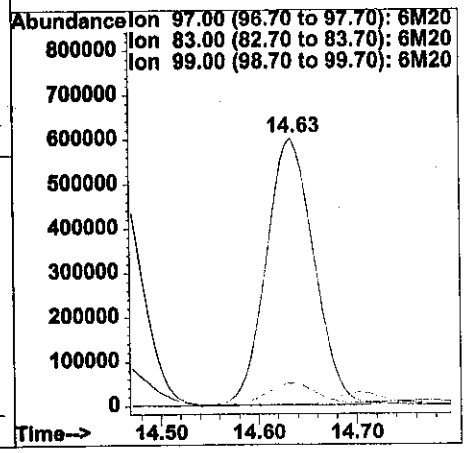


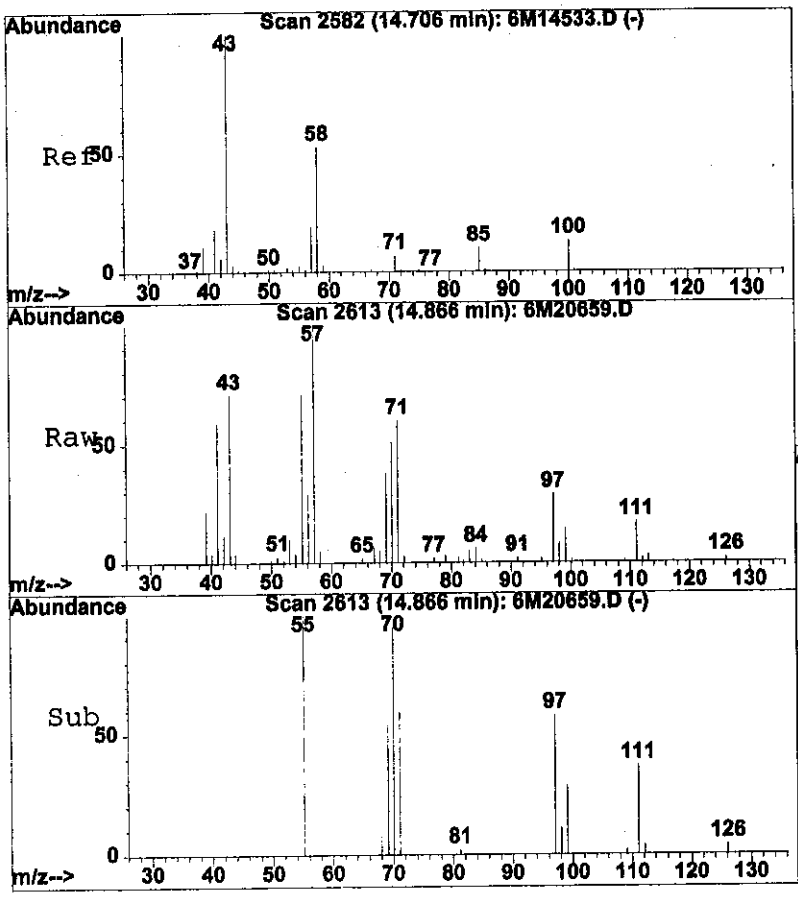


#49
1,1,2-Trichloroethane
Concen: 246.33 ug/kg
RT: 14.63 min Scan# 2569
Delta R.T. -0.11 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 97 Resp: 2025432

Ion	Ratio	Lower	Upper
97	100		
83	9.5	70.5	105.7#
99	0.0	49.8	74.6#

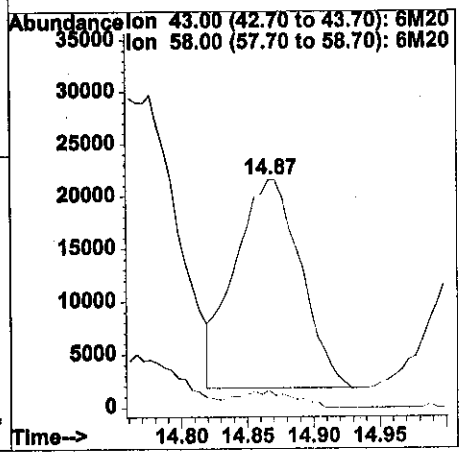


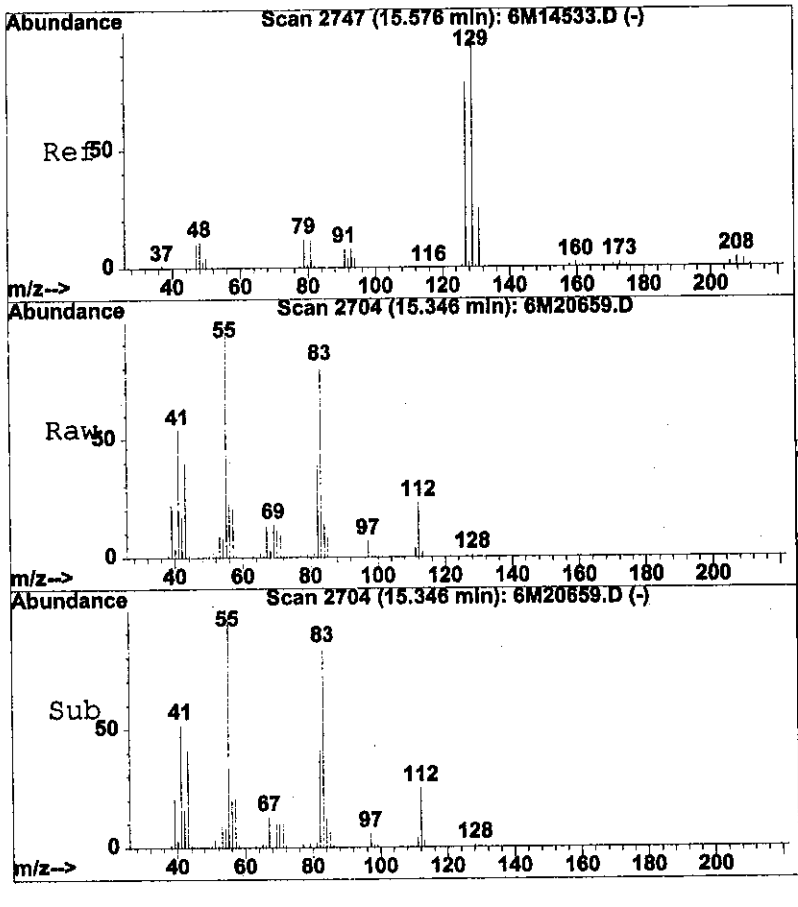


#50
2-Hexanone
Concen: 6.55 ug/kg
RT: 14.87 min Scan# 2613
Delta R.T. 0.18 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 43 Resp: 68455

Ion	Ratio	Lower	Upper
43	100		
58	6.7	5.5	8.3

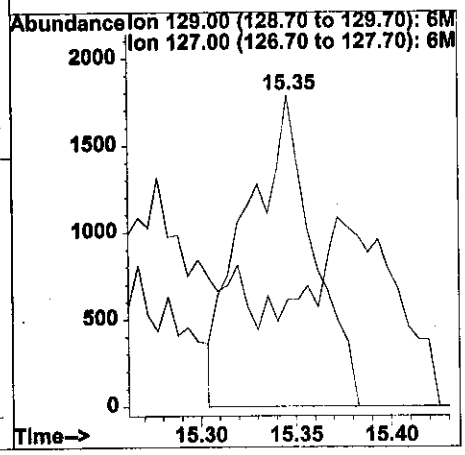


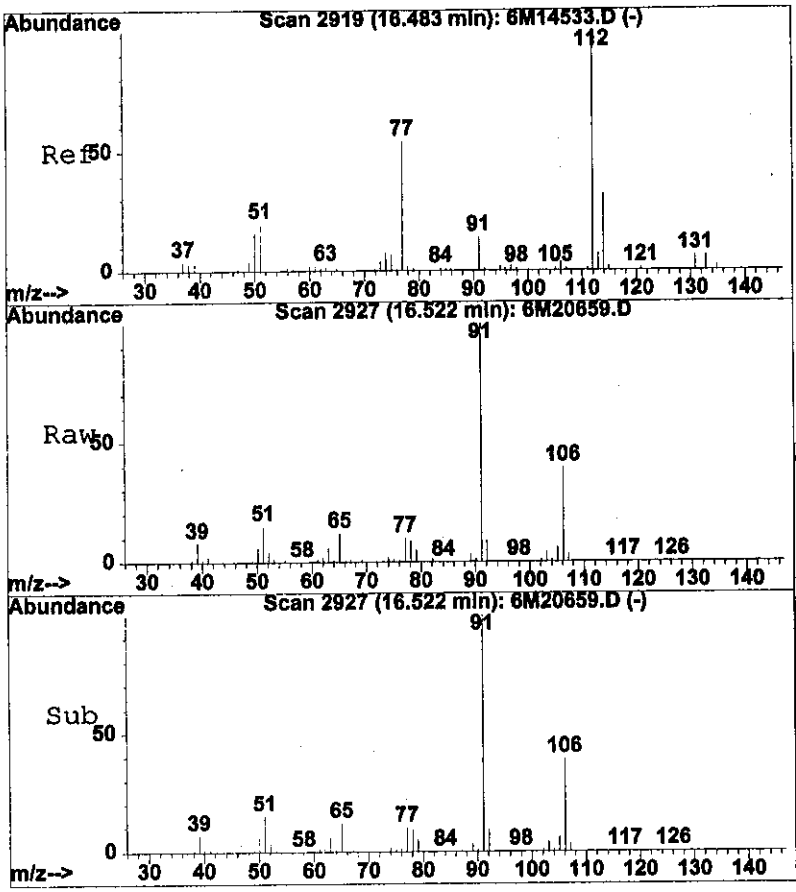


#53
Dibromochloromethane
Concen: 0.44 ug/kg
RT: 15.35 min Scan# 2704
Delta R.T. -0.21 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:129 Resp: 4380

Ion	Ratio	Lower	Upper
129	100		
127	87.3	62.1	93.1

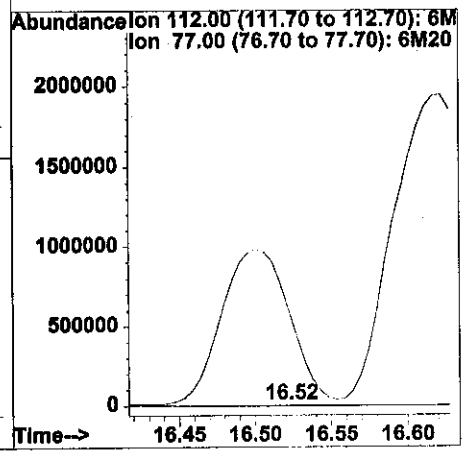


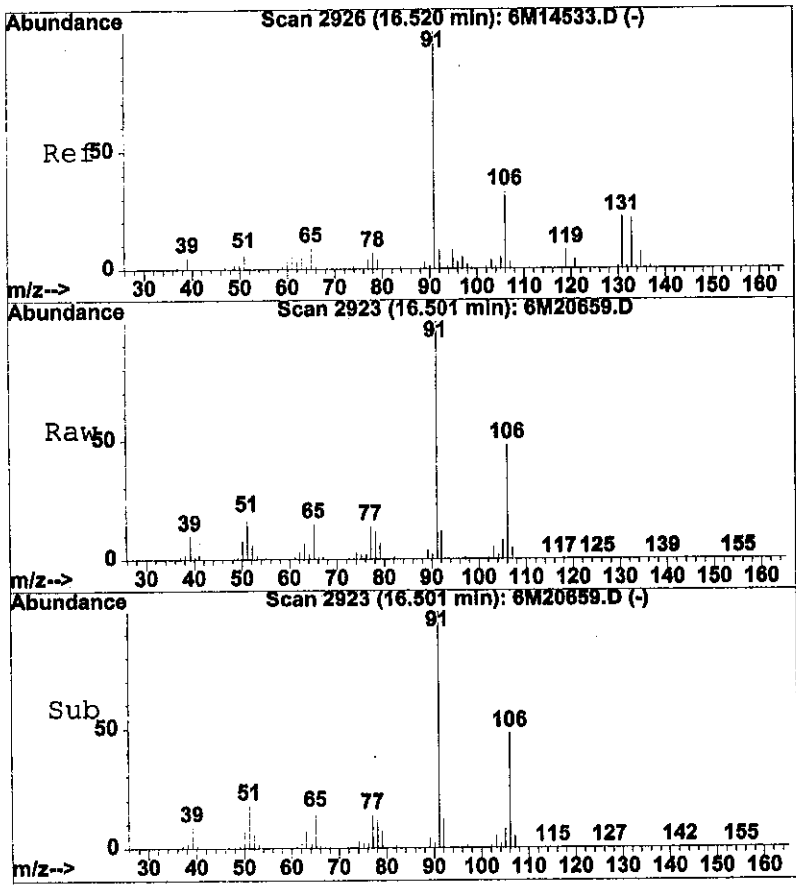


#56
Chlorobenzene
Concen: 0.28 ug/kg
RT: 16.52 min Scan# 2927
Delta R.T. 0.07 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:112 Resp: 8038

Ion	Ratio	Lower	Upper
112	100		
77	37690.4	64.9	97.3#

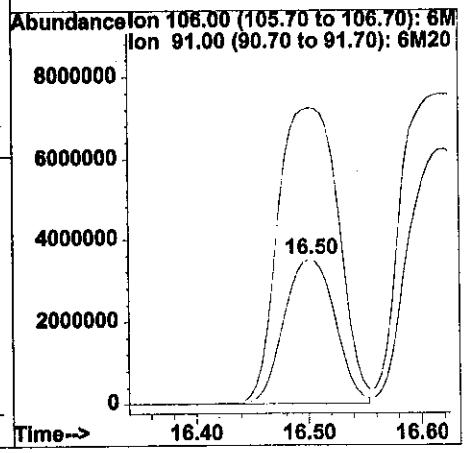


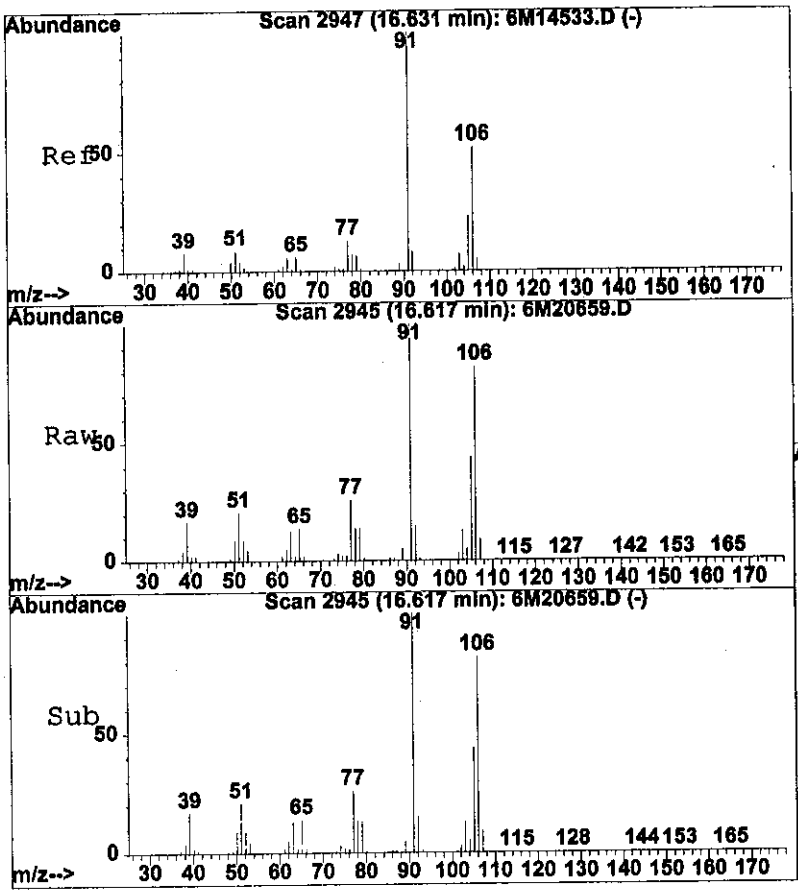


#58
Ethylbenzene
Concen: 692.96 ug/kg
RT: 16.50 min Scan# 2923
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:106 Resp:11021901

Ion	Ratio	Lower	Upper
106	100		
91	243.0	259.6	389.4#

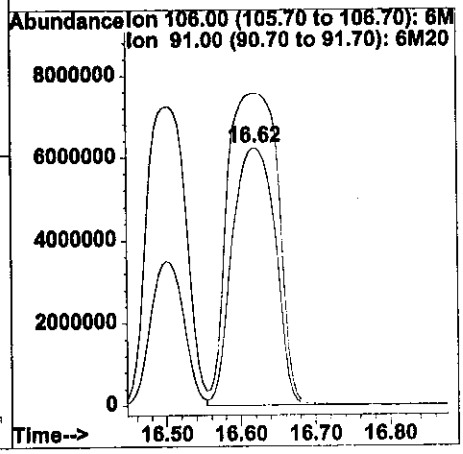


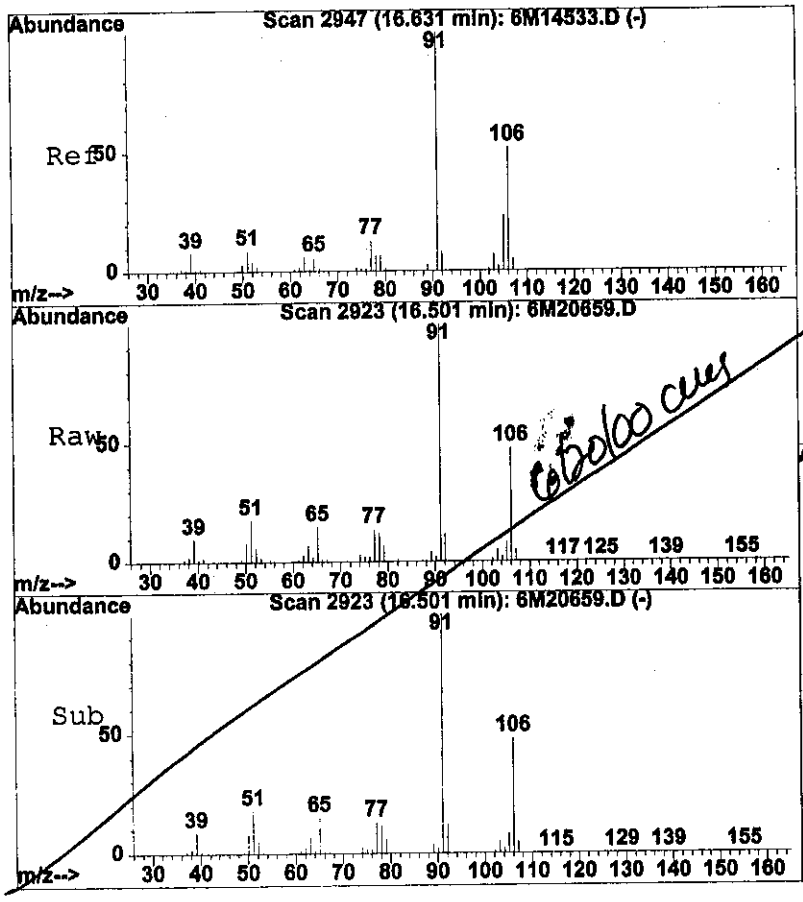


#59
m-,p-Xylene
Concen: 1240.57 ug/kg m
RT: 16.62 min Scan# 2945
Delta R.T. 0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:106 Resp:24892157

Ion	Ratio	Lower	Upper
106	100		
91	107.6	165.9	248.9#

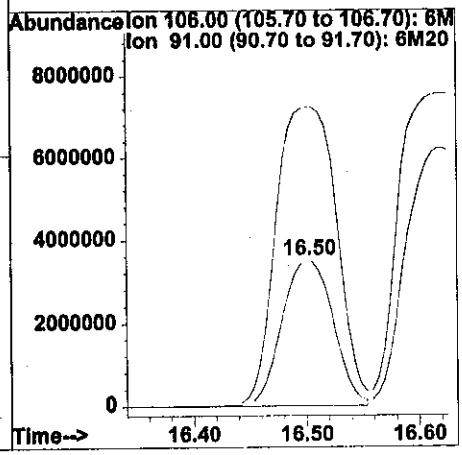


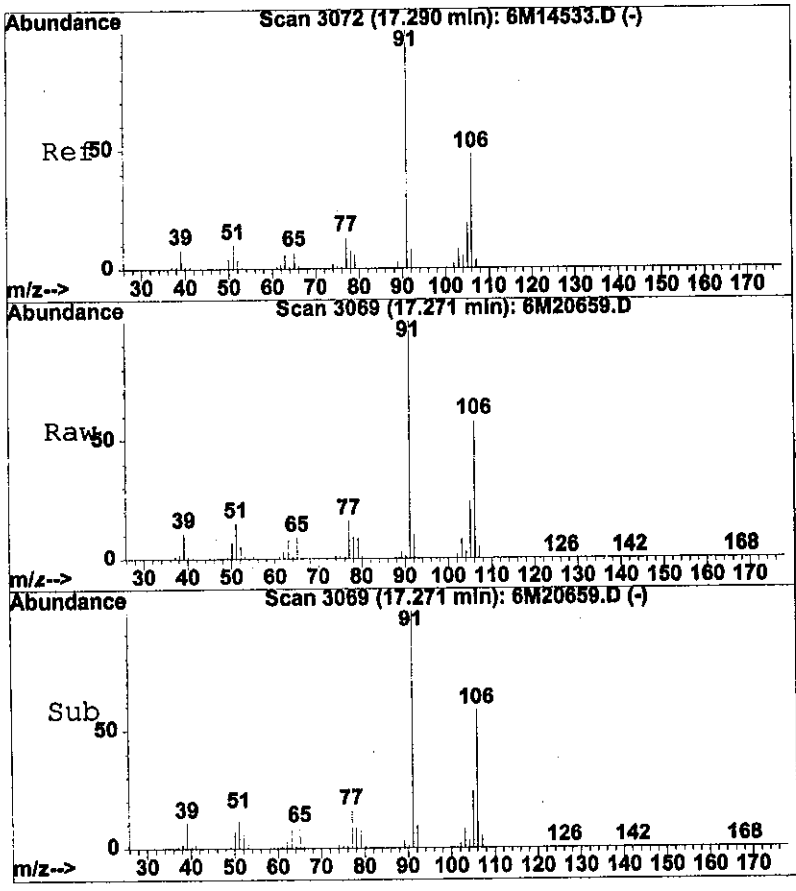


#59
m-,p-Xylene
Concen: 549.31 ug/kg
RT: 16.50 min Scan# 2923
Delta R.T. -0.11 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:106 Resp:11021901

Ion	Ratio	Lower	Upper
106	100		
91	243.0	165.9	248.9

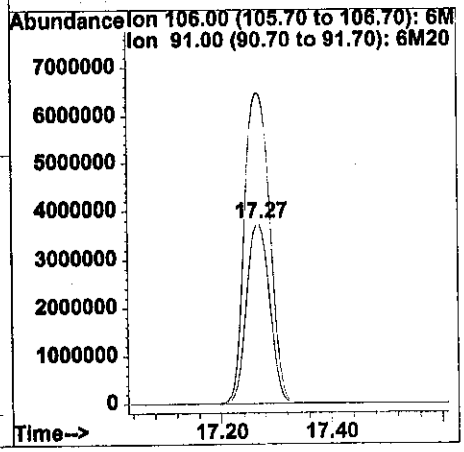


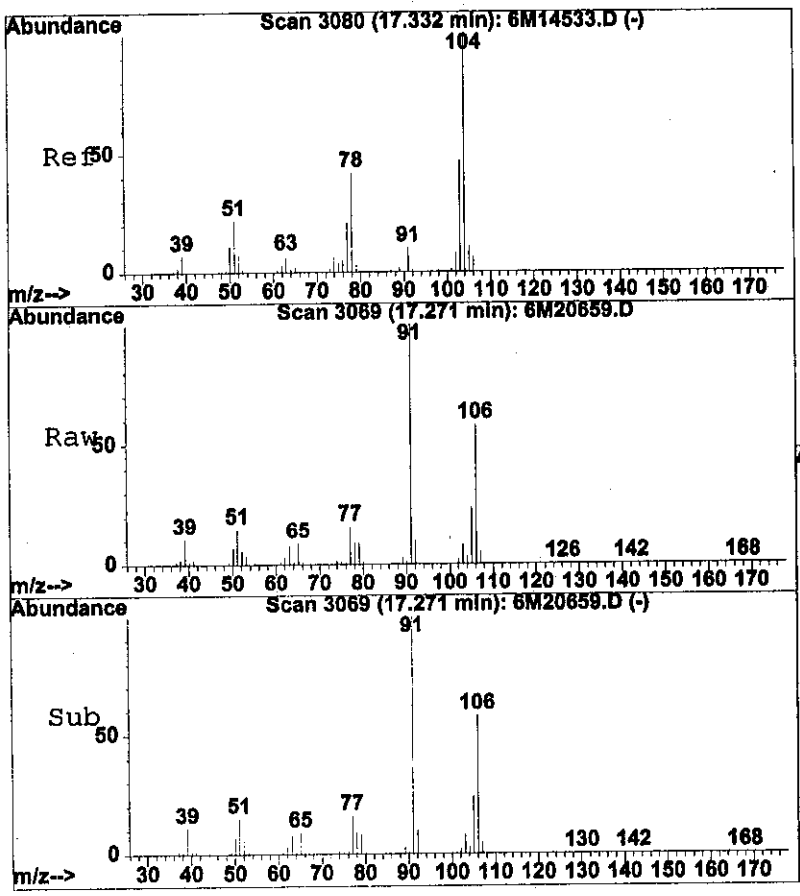


#60
o-Xylene
Concen: 573.49 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. 0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:106 Resp:11003675

Ion	Ratio	Lower	Upper
106	100		
91	188.4	174.6	262.0

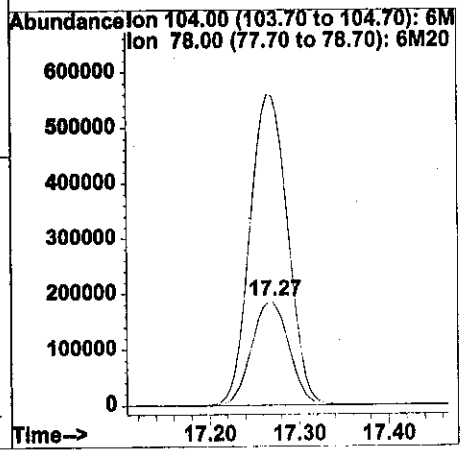


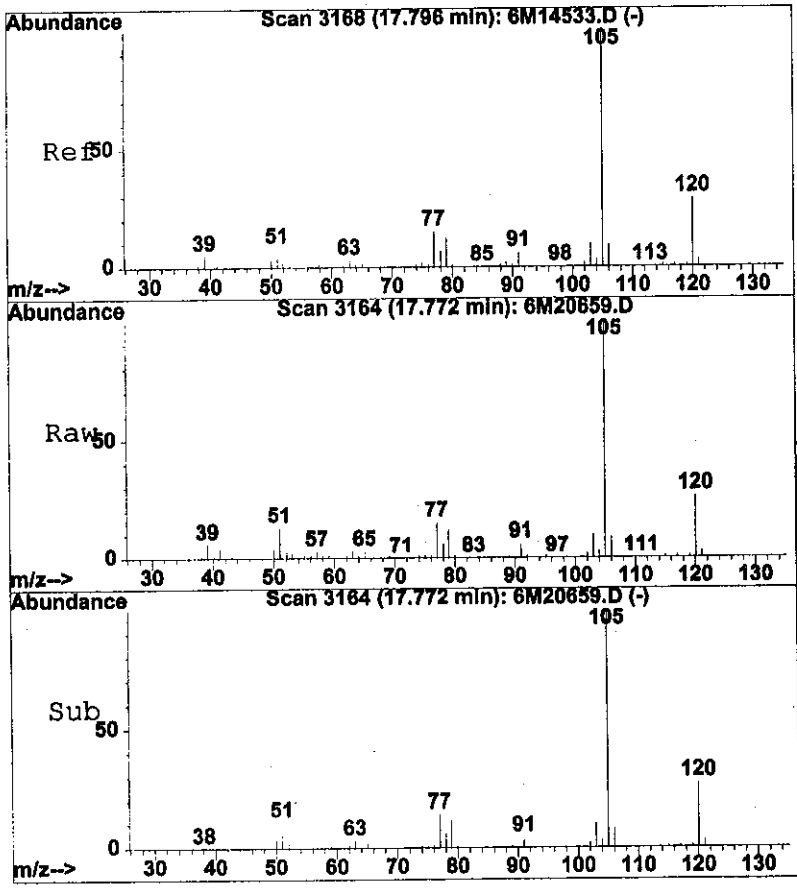


#61
Styrene
Concen: 16.63 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. -0.03 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:104 Resp: 538182

Ion	Ratio	Lower	Upper
104	100		
78	305.0	43.7	65.5#

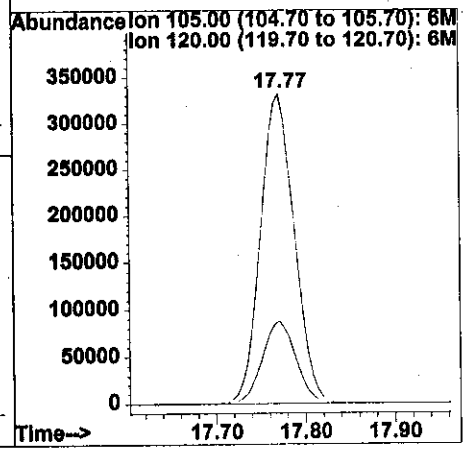


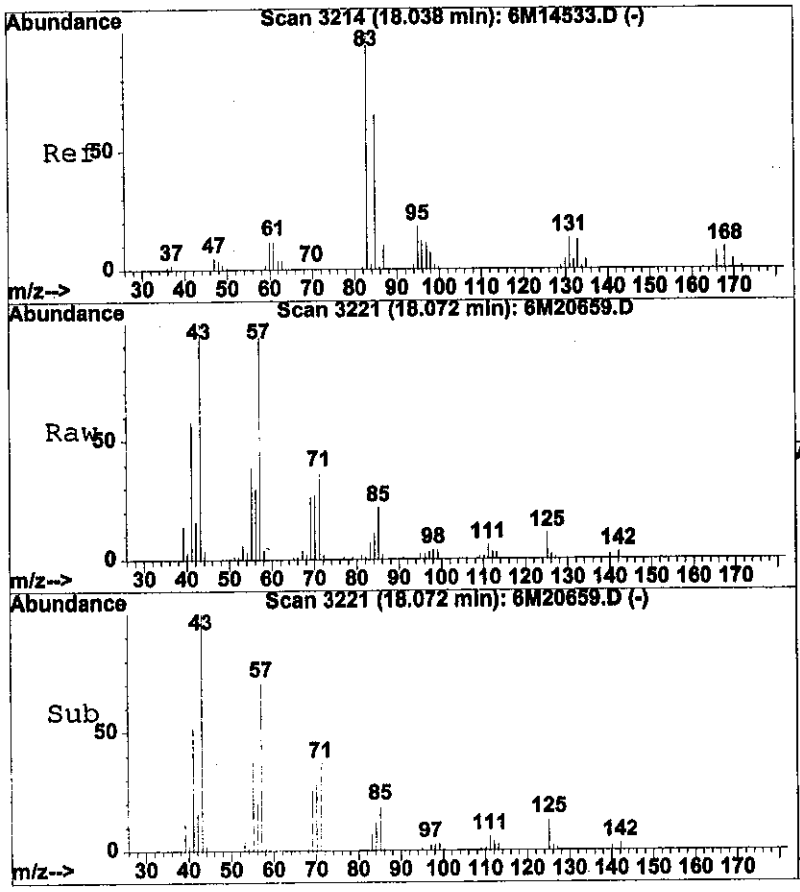


#63
Isopropylbenzene
Concen: 17.43 ug/kg
RT: 17.77 min Scan# 3164
Delta R.T. 0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:105 Resp: 870020

Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.3	31.9

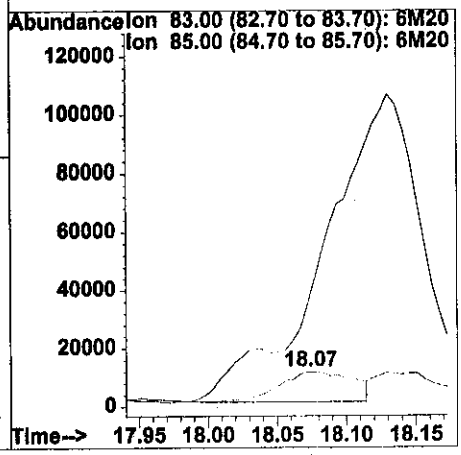


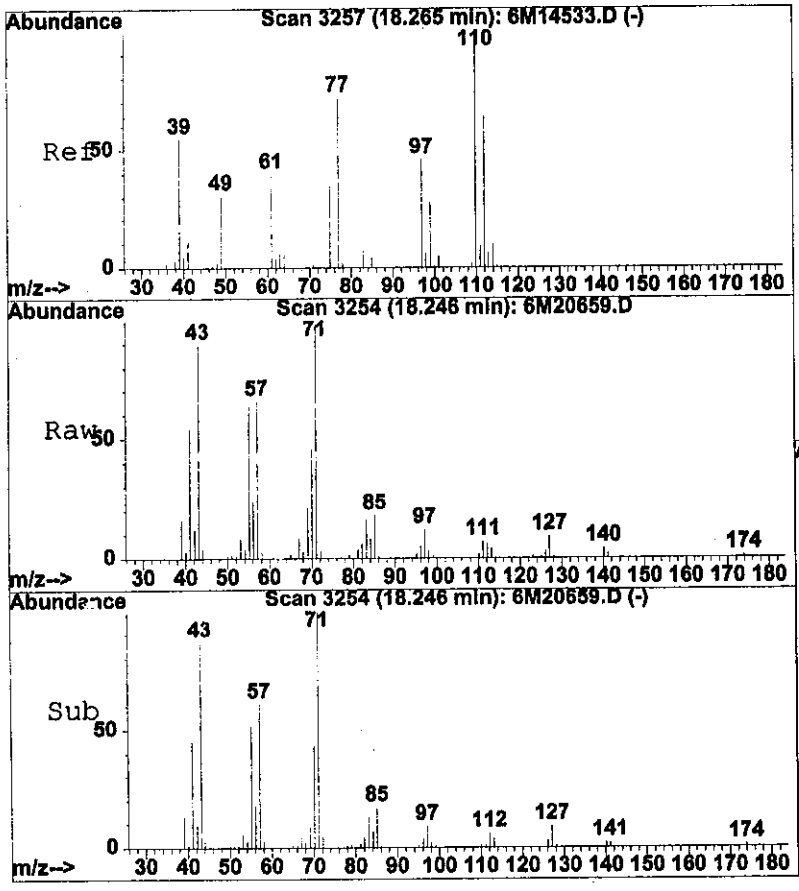


#65
1,1,2,2-Tetrachloroethane
Concen: 4.28 ug/kg
RT: 18.07 min Scan# 3221
Delta R.T. 0.05 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 83 Resp: 38850

Ion	Ratio	Lower	Upper
83	100		
85	102.2	51.0	76.4#

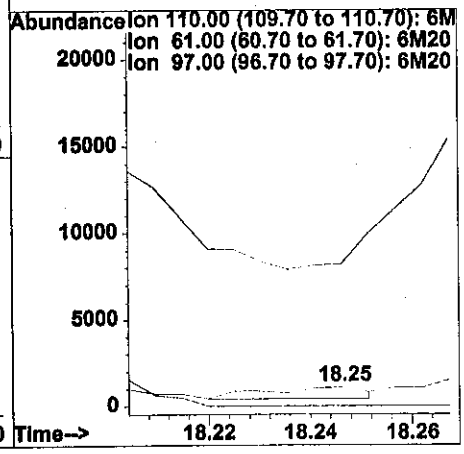


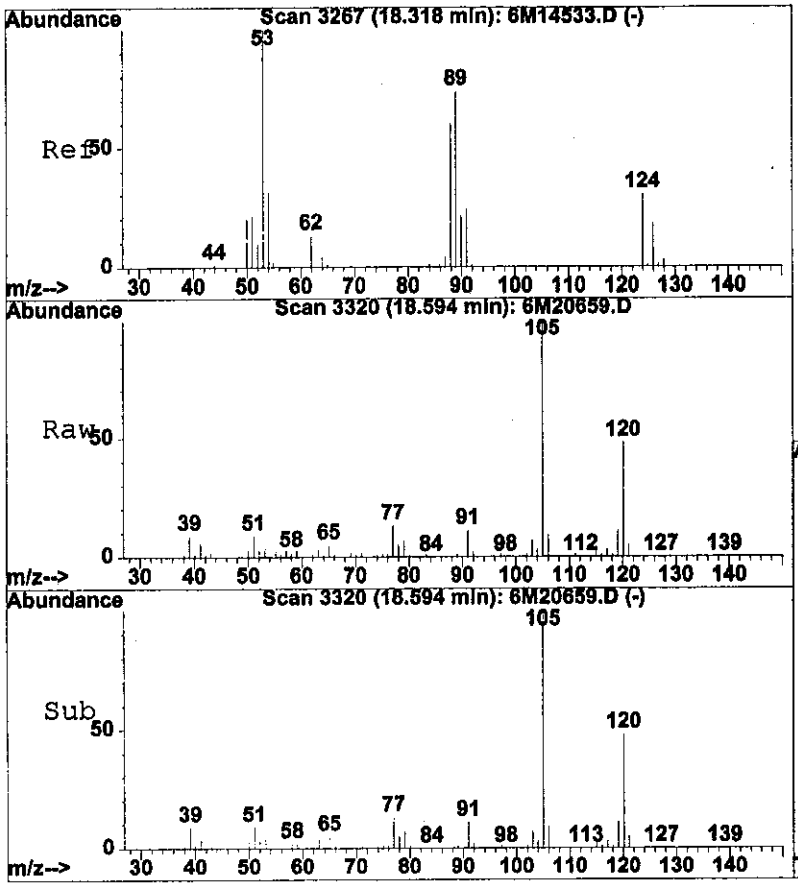


#67
1,2,3-Trichloropropane
Concen: 0.29 ug/kg
RT: 18.25 min Scan# 3254
Delta R.T. 0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:110 Resp: 902

Ion	Ratio	Lower	Upper
110	100		
61	0.0	47.3	70.9#
97	0.0	39.7	59.5#

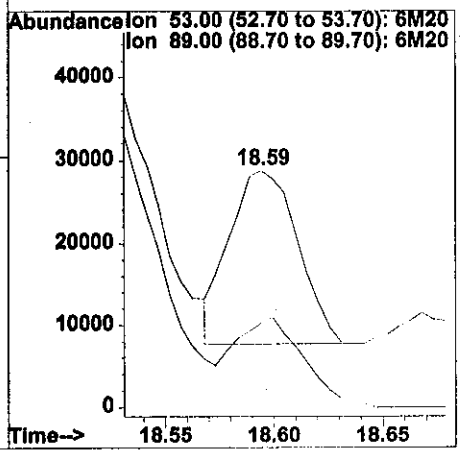


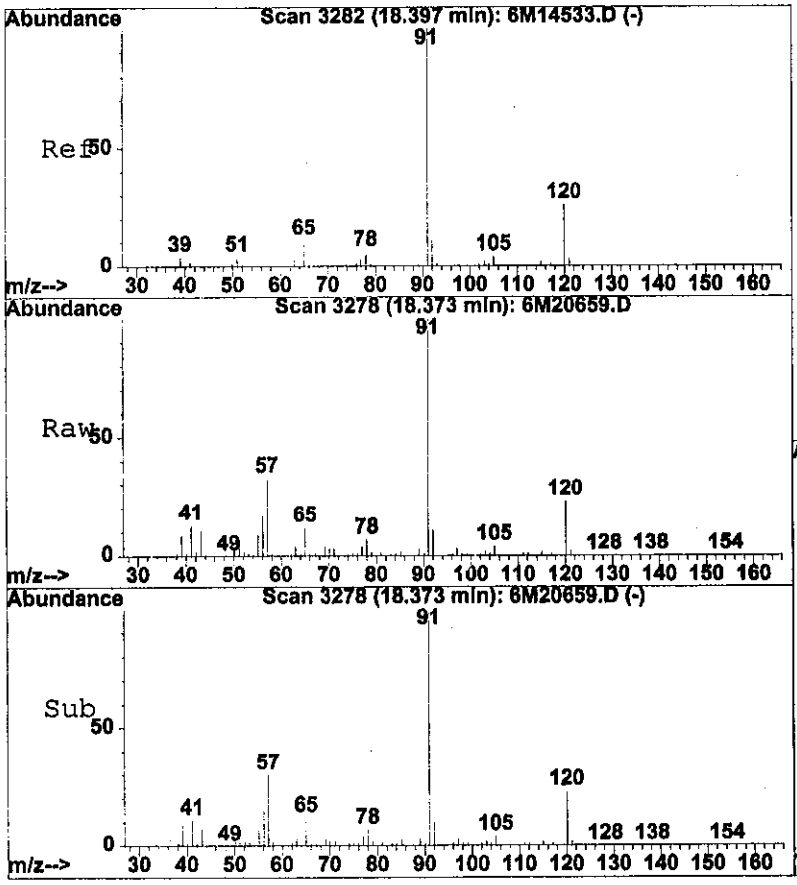


#68
trans-1,4-Dichloro-2-Butene
Concen: 12.38 ug/kg
RT: 18.59 min Scan# 3320
Delta R.T. 0.30 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 53 Resp: 46076

Ion	Ratio	Lower	Upper
53	100		
89	51.7	50.6	76.0

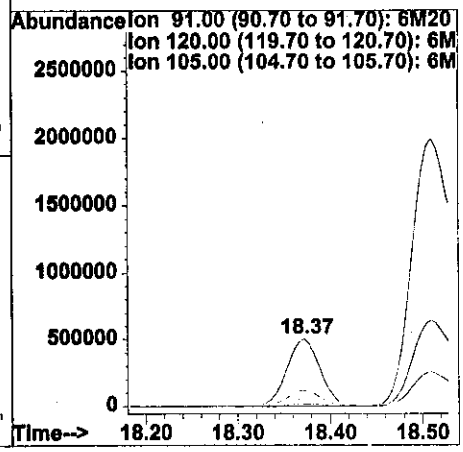


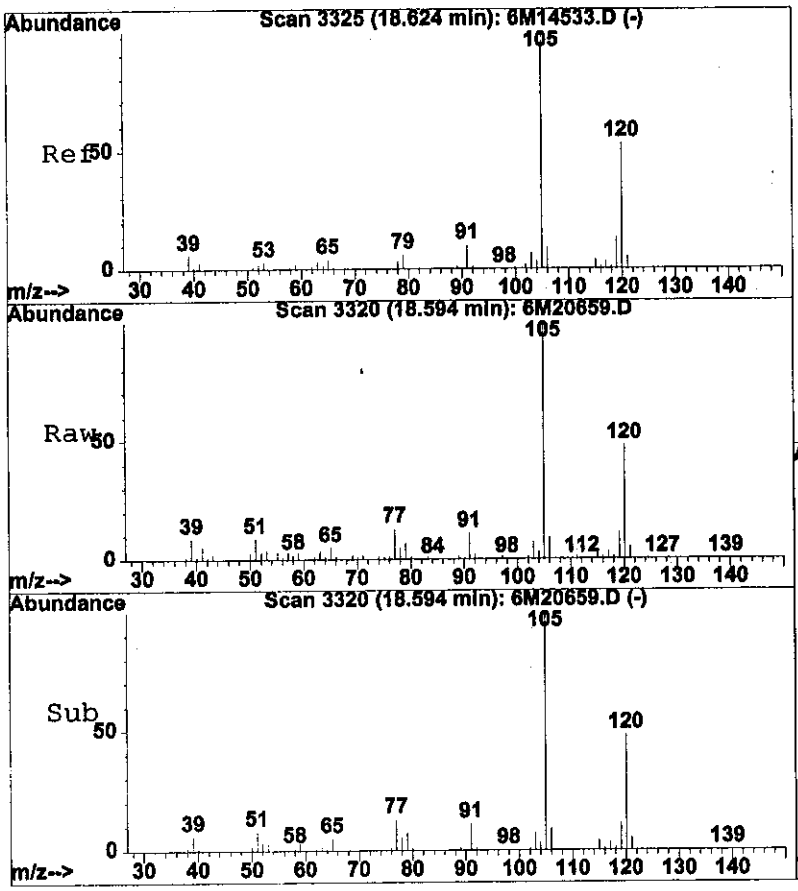


#69
n-Propylbenzene
Concen: 23.73 ug/kg
RT: 18.37 min Scan# 3278
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 91 Resp: 1248400

Ion	Ratio	Lower	Upper
91	100		
120	23.5	17.6	26.4
105	0.0	2.8	4.2#

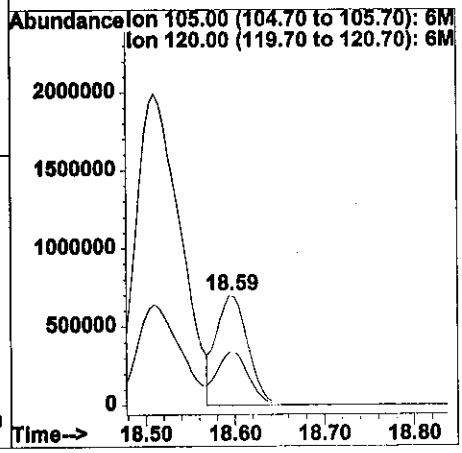


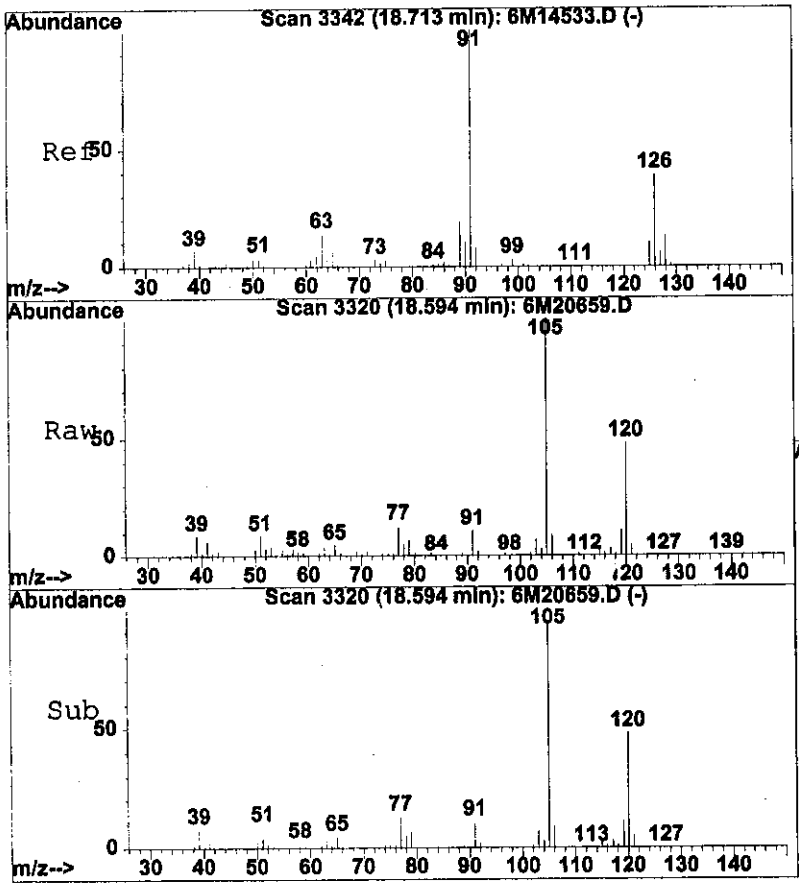


#71
1,3,5-Trimethylbenzene
Concen: 45.83 ug/kg
RT: 18.59 min Scan# 3320
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:105 Resp: 1723049

Ion	Ratio	Lower	Upper
105	100		
120	48.5	38.2	57.4

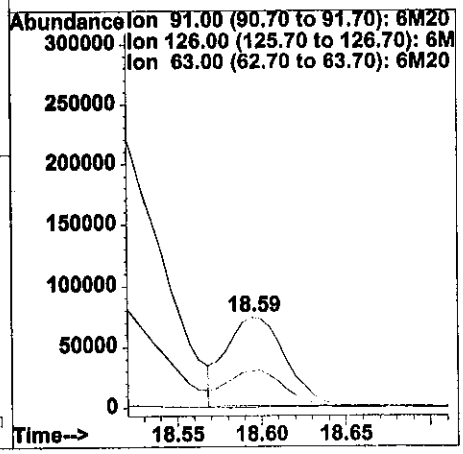


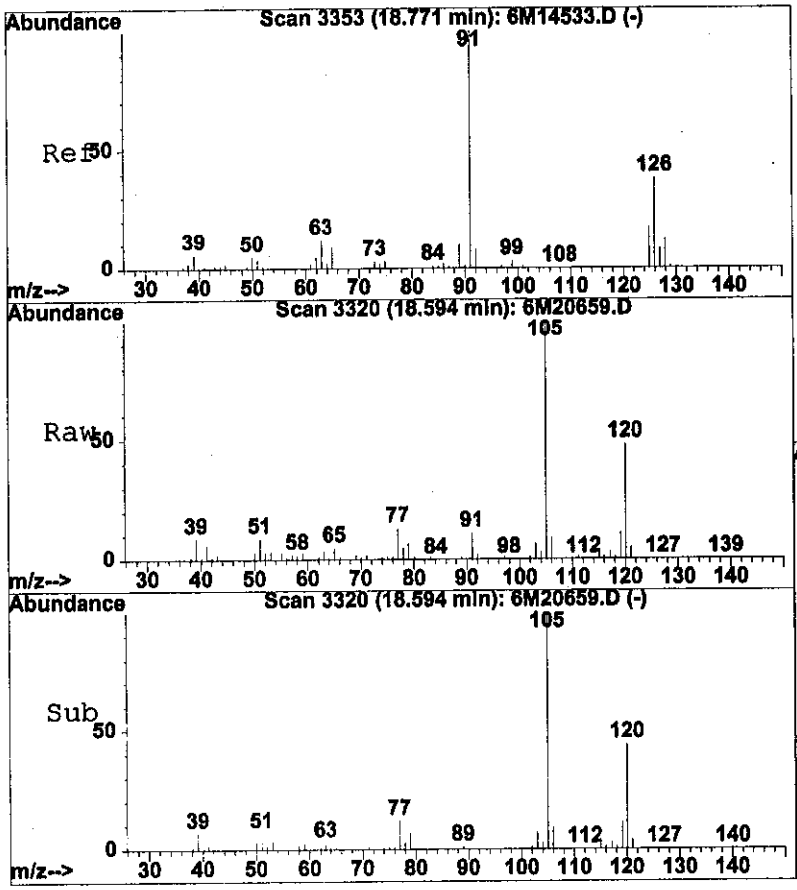


#72
2-Chlorotoluene
Concen: 5.34 ug/kg
RT: 18.59 min Scan# 3320
Delta R.T. -0.09 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 91 Resp: 177969

Ion	Ratio	Lower	Upper
91	100		
126	0.0	25.4	38.0#
63	40.9	10.2	15.4#

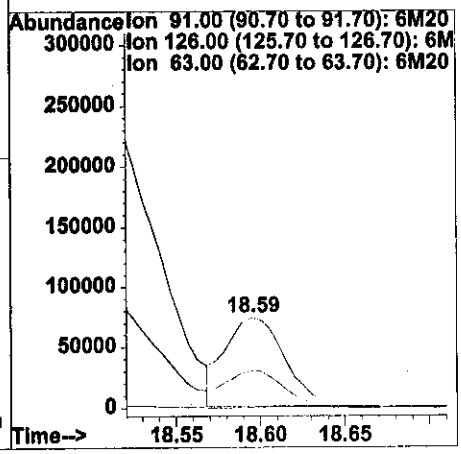


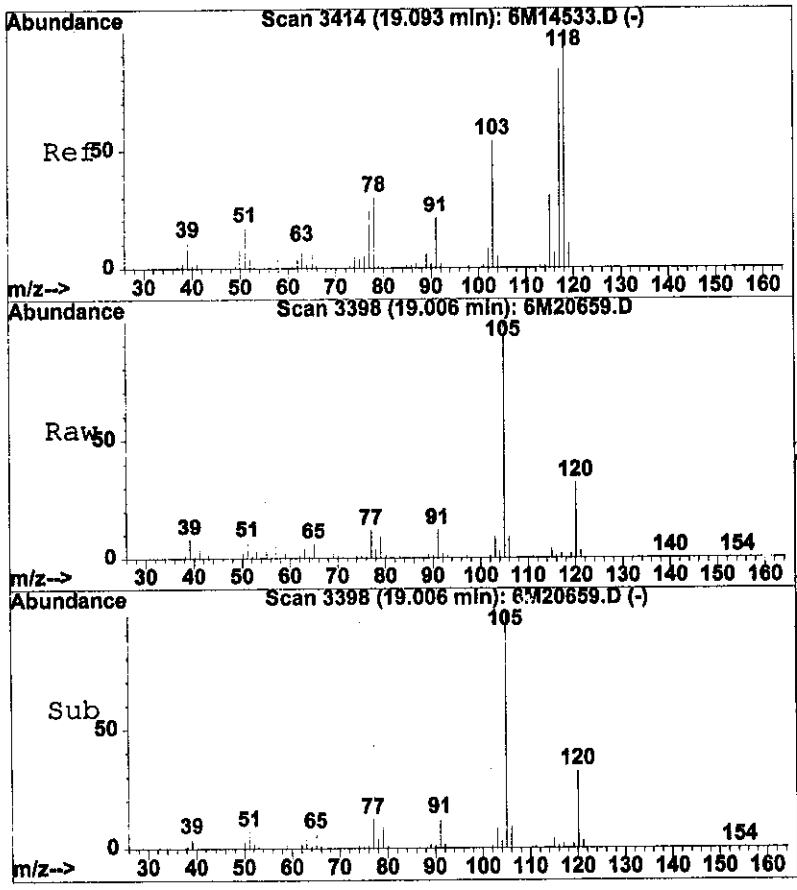


#73
4-Chlorotoluene
Concen: 5.27 ug/kg
RT: 18.59 min Scan# 3320
Delta R.T. -0.15 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 91 Resp: 177488

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.3	36.5#
63	40.9	9.8	14.8#

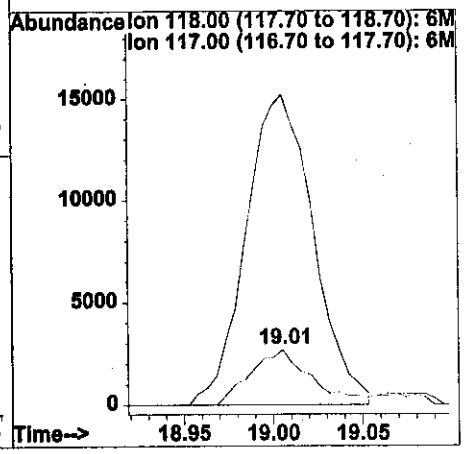


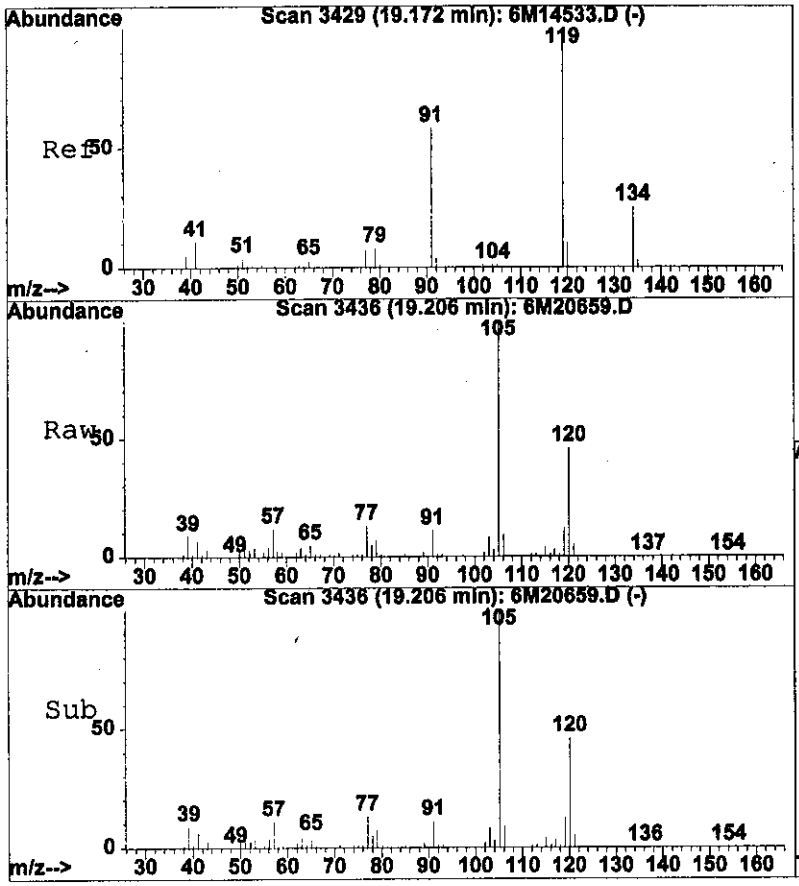


#74
a-Methylstyrene
Concen: 0.34 ug/kg
RT: 19.01 min Scan# 3398
Delta R.T. -0.06 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:118 Resp: 6296

Ion	Ratio	Lower	Upper
118	100		
117	634.1	67.6	101.4#

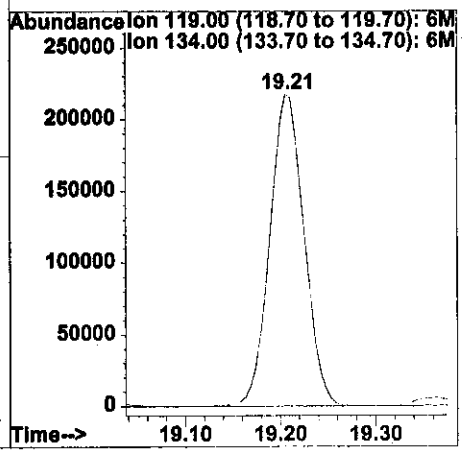


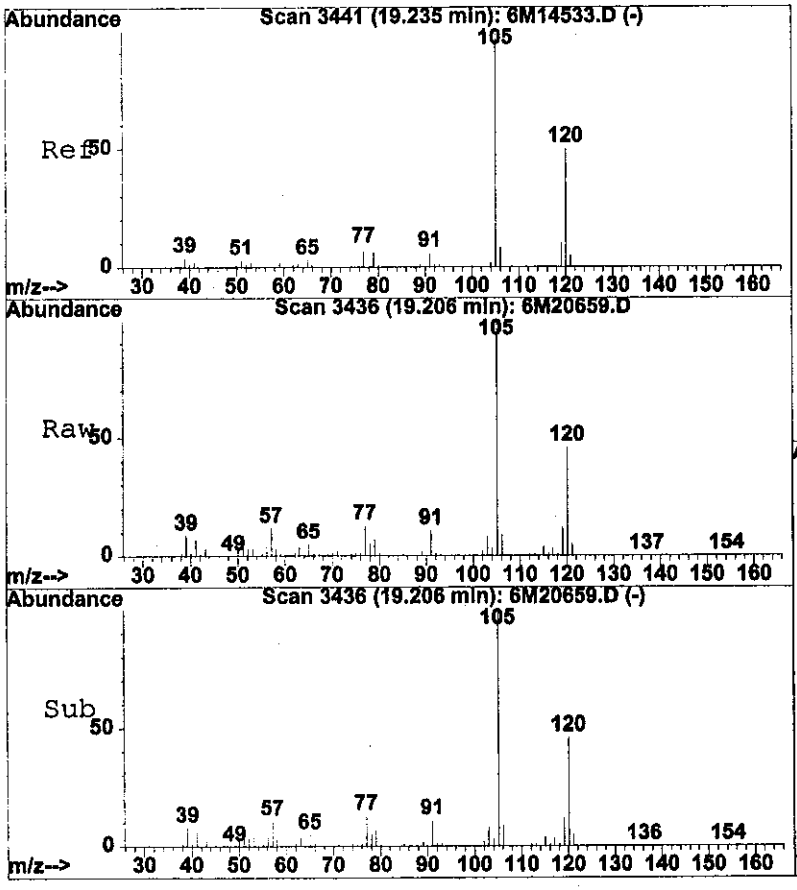


#75
tert-Butylbenzene
Concen: 15.92 ug/kg
RT: 19.21 min Scan# 3436
Delta R.T. 0.07 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:119 Resp: 543388

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

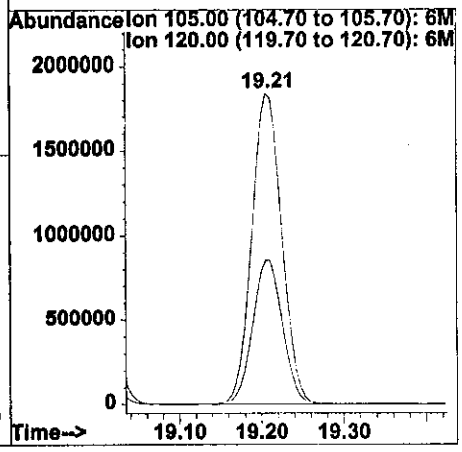


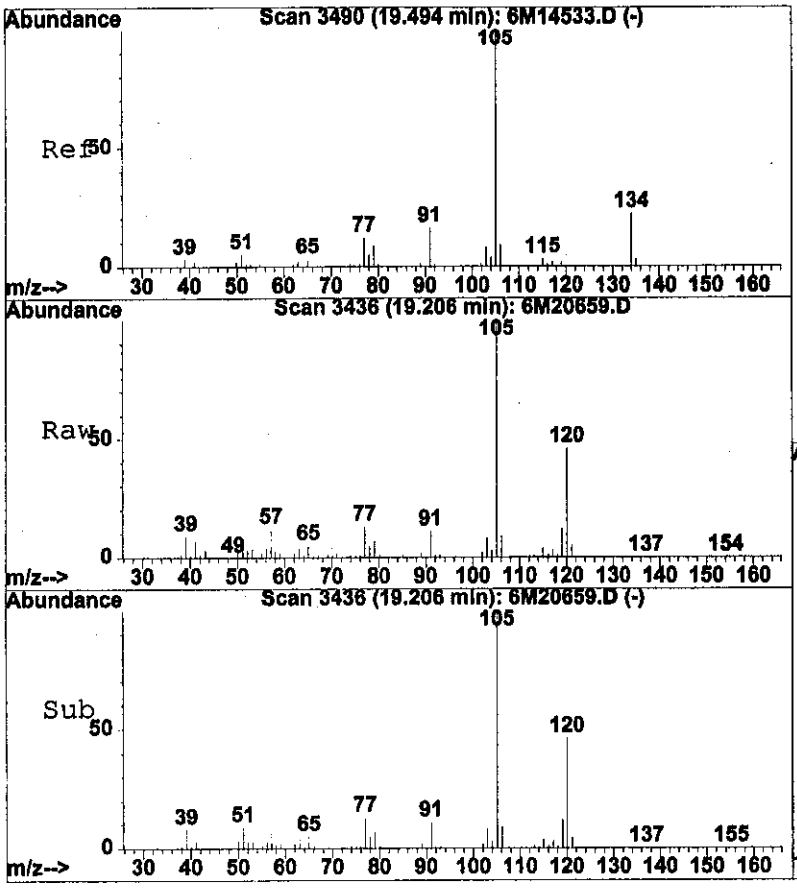


#76
1,2,4-Trimethylbenzene
Concen: 119.35 ug/kg
RT: 19.21 min Scan# 3436
Delta R.T. -0.00 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:105 Resp: 4669167

Ion	Ratio	Lower	Upper
105	100		
120	46.3	35.9	53.9

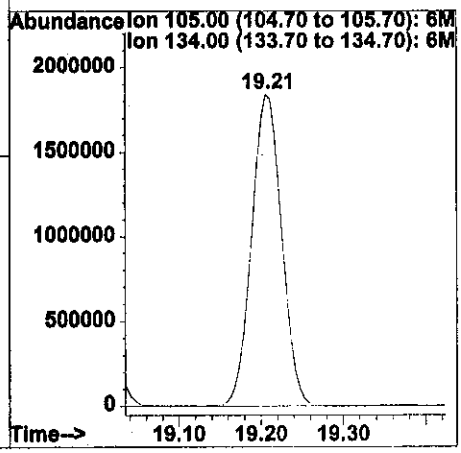


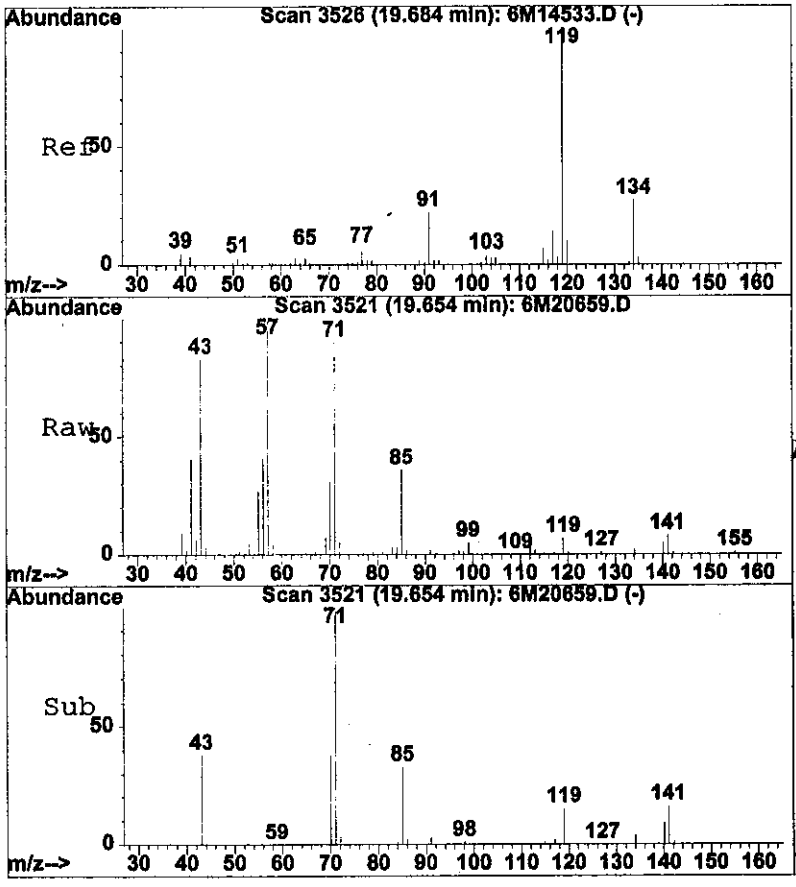


#77
sec-Butylbenzene
Concen: 96.24 ug/kg
RT: 19.21 min Scan# 3436
Delta R.T. -0.26 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:105 Resp: 4669167

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.8	23.6#

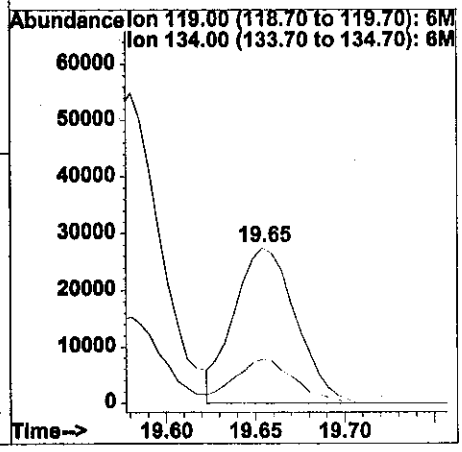


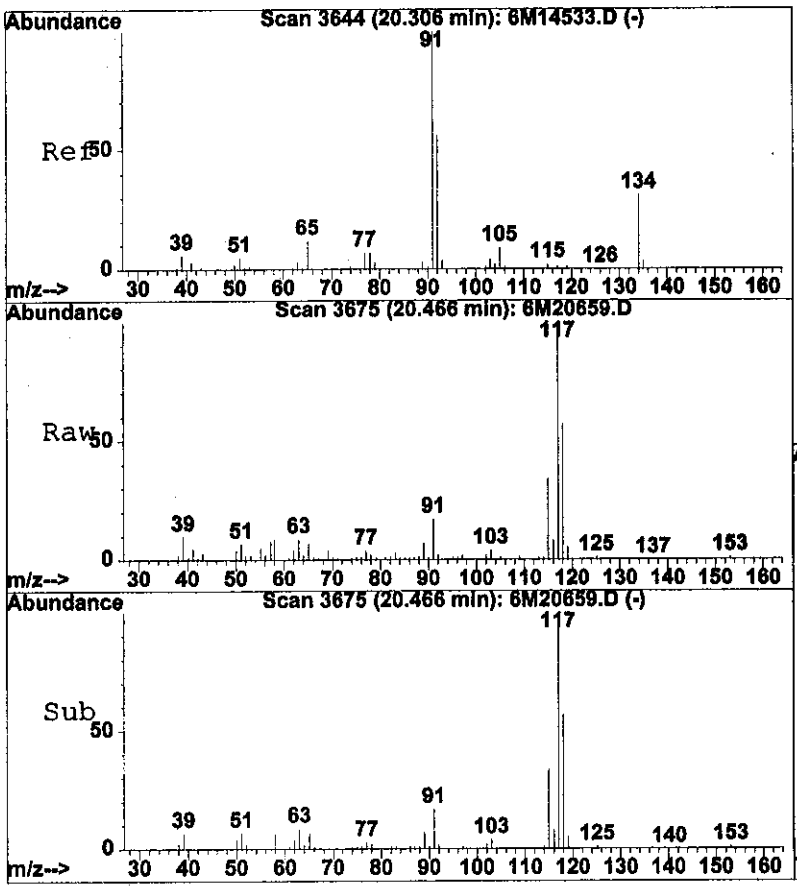


#78
p-Isopropyltoluene
Concen: 1.59 ug/kg
RT: 19.65 min Scan# 3521
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:119 Resp: 66095

Ion	Ratio	Lower	Upper
119	100		
134	27.0	21.4	32.2

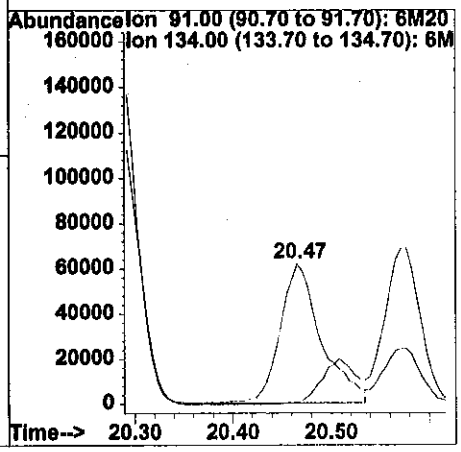


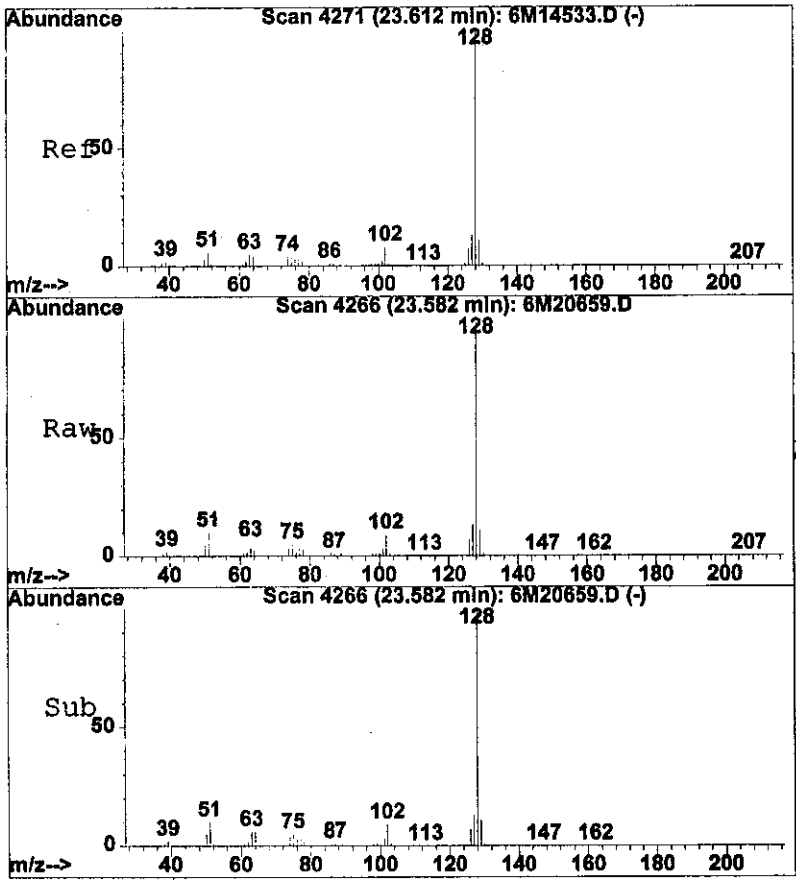


#81
n-Butylbenzene
Concen: 4.50 ug/kg
RT: 20.47 min Scan# 3675
Delta R.T. 0.19 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion: 91 Resp: 178584

Ion	Ratio	Lower	Upper
91	100		
134	27.6	19.5	29.3

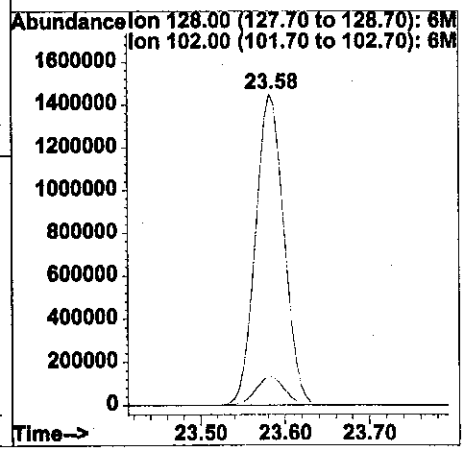




#86
Naphthalene
Concen: 97.54 ug/kg
RT: 23.58 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20659.D
Acq: 19 Jun 2000 19:23

Tgt Ion:128 Resp: 3395374

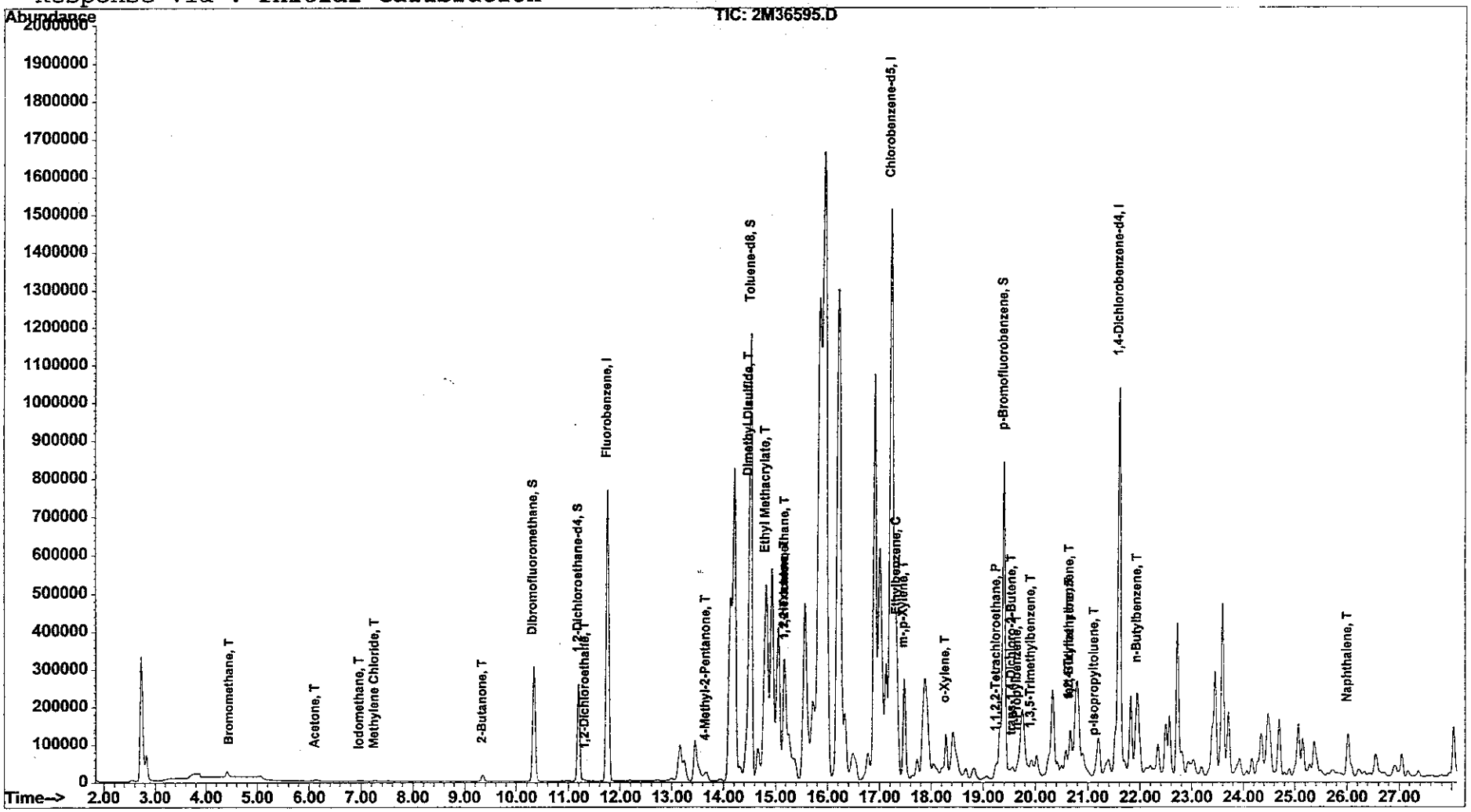
Ion	Ratio	Lower	Upper
128	100		
102	9.1	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\2M36595.D Vial: 8
Acq On : 21 Jun 2000 13:25 Operator: CMS
Sample : L0006193-03 80X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID, 80 (1ML/50ML) 826-SPE-VO Multiplr: ~~1.00~~ 80
6-22-00 cwd
MS Integration Params: rteint.p
Quant Time: Jun 21 13:53 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



175

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36595.D Vial: 8
Acq On : 21 Jun 2000 13:25 Operator: CMS
Sample : L0006193-03 80X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 826-SPE-VO Multiplr: 80.00
MS Integration Params: rteint.p
Quant Time: Jun 21 13:53 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1320272	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1074111	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	533137	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	371620	27.87	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 111.48%			
33) 1,2-Dichloroethane-d4	11.20	65	315416	27.52	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 110.08%			
45) Toluene-d8	14.52	98	1463166	26.70	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.80%			
66) p-Bromofluorobenzene	19.39	95	616663	27.77	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 111.08%			
Target Compounds						Qvalue
5) Bromomethane	4.47	94	3515	48.48	UG/L #	4
11) Acetone	6.13	43	11801	717.82	UG/L #	90
14) Iodomethane	6.97	142	3471	25.27	UG/L #	37
15) Methylene Chloride	7.27	84	1884	11.76	UG/L	85
23) 2-Butanone	9.35	43	47246	1309.73	UG/L #BDL	90
34) 1,2-Dichloroethane	11.34	62	2115	11.01	UG/L #	77
41) 4-Methyl-2-Pentanone	13.67	58	3876	106.85	UG/L #	75
43) Dimethyl Disulfide	14.48	79	2303	12.91	UG/L #	49
47) Ethyl Methacrylate	14.82	69	179784	917.15	UG/L #	56
49) 1,1,2-Trichloroethane	15.20	97	3662	28.83	UG/L #	1
50) 2-Hexanone	15.17	43	203303	2861.98	UG/L #	50
58) Ethylbenzene	17.34	106	46134	158.55	UG/L	97
59) m-,p-Xylene	17.48	106	140280	400.59	UG/L	100
60) o-Xylene	18.28	106	41559	118.20	UG/L	94
65) 1,1,2,2-Tetrachloroethane	19.26	83	8362	51.91	UG/L #	18
68) trans-1,4-Dichloro-2-Buten	19.56	53	2908	71.43	UG/L #	16
69) n-Propylbenzene	19.65	91	13299	10.80	UG/L #	95
71) 1,3,5-Trimethylbenzene	19.93	105	44024	58.36	UG/L	96
75) tert-Butylbenzene	20.67	119	11329	15.99	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.67	105	95342	126.39	UG/L	94
78) p-Isopropyltoluene	21.13	119	11854	16.61	UG/L	95
81) n-Butylbenzene	21.97	91	73905	107.18	UG/L #	1
86) Naphthalene	26.02	128	170650	627.88	UG/L	98

(#) = qualifier out of range (m) = manual integration

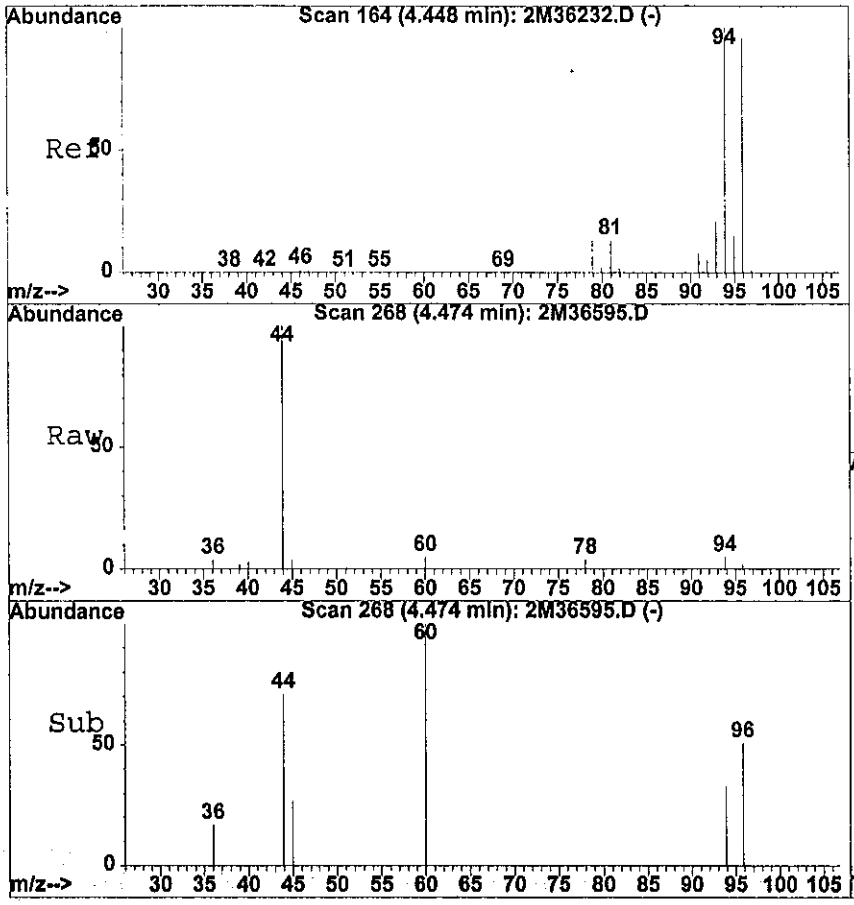
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36595.D Vial: 8
Acq On : 21 Jun 2000 13:25 Operator: CMS
Sample : L0006193-03 80X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID, 80 (1ML/50ML) 826-SPE-VO Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 13:53 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1320272	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1074111	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	533137	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	371620	27.87	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 111.48%			
33) 1,2-Dichloroethane-d4	11.20	65	315416	27.52	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 110.08%			
45) Toluene-d8	14.52	98	1463166	26.70	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.80%			
66) p-Bromofluorobenzene	19.39	95	616663	27.77	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 111.08%			
Target Compounds						Qvalue
5) Bromomethane	4.47	94	3515	0.61	UG/L #	4
11) Acetone	6.13	43	11801	8.97	UG/L #	90
14) Iodomethane	6.97	142	3471	0.32	UG/L #	37
15) Methylene Chloride	7.27	84	1884	0.15	UG/L	85
23) 2-Butanone	9.35	43	47246	16.37	UG/L #BDL	90
34) 1,2-Dichloroethane	11.34	62	2115	0.14	UG/L #	77
41) 4-Methyl-2-Pentanone	13.67	58	3876	1.34	UG/L #	75
43) Dimethyl Disulfide	14.48	79	2303	0.16	UG/L #	49
47) Ethyl Methacrylate	14.82	69	179784	11.46	UG/L #	56
49) 1,1,2-Trichloroethane	15.20	97	3662	0.36	UG/L #	1
50) 2-Hexanone	15.17	43	203303	35.77	UG/L #	50
58) Ethylbenzene	17.34	106	46134	1.98	UG/L	97
59) m-,p-Xylene	17.48	106	140280	5.01	UG/L	100
60) o-Xylene	18.28	106	41559	1.48	UG/L	94
65) 1,1,2,2-Tetrachloroethane	19.26	83	8362	0.65	UG/L #	18
68) trans-1,4-Dichloro-2-Buten	19.56	53	2908	0.89	UG/L #	16
69) n-Propylbenzene	19.65	91	13299	0.13	UG/L #	95
71) 1,3,5-Trimethylbenzene	19.93	105	44024	0.73	UG/L	96
75) tert-Butylbenzene	20.67	119	11329	0.20	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.67	105	95342	1.58	UG/L	94
78) p-Isopropyltoluene	21.13	119	11854	0.21	UG/L	95
81) n-Butylbenzene	21.97	91	73905	1.34	UG/L #	1
86) Naphthalene	26.02	128	170650	7.85	UG/L	98

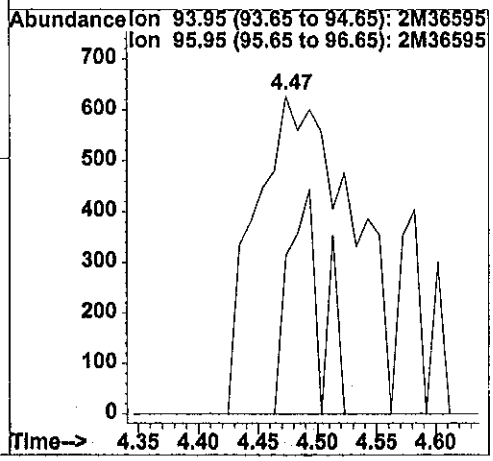
(#) = qualifier out of range (m) = manual integration

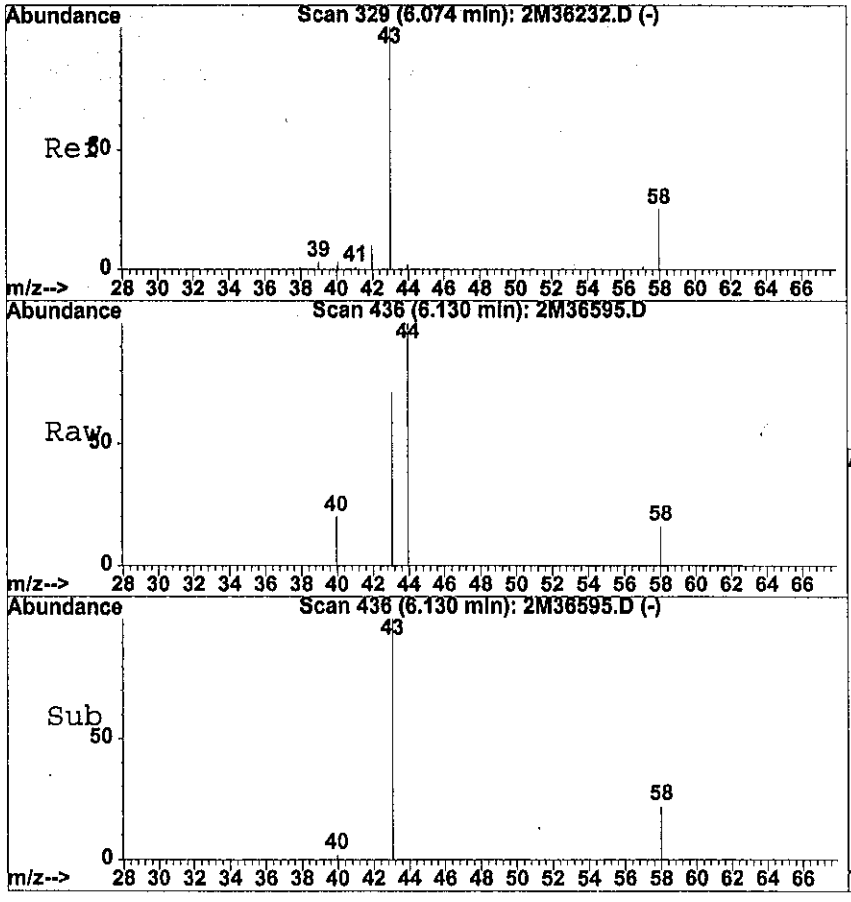


#5
Bromomethane
Concen: 48.48 UG/L
RT: 4.47 min Scan# 268
Delta R.T. -0.03 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 94 Resp: 3515

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

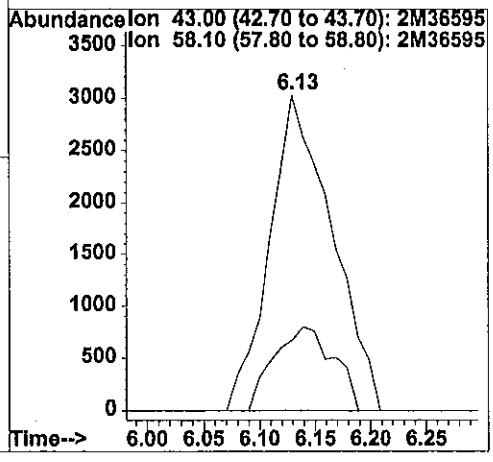


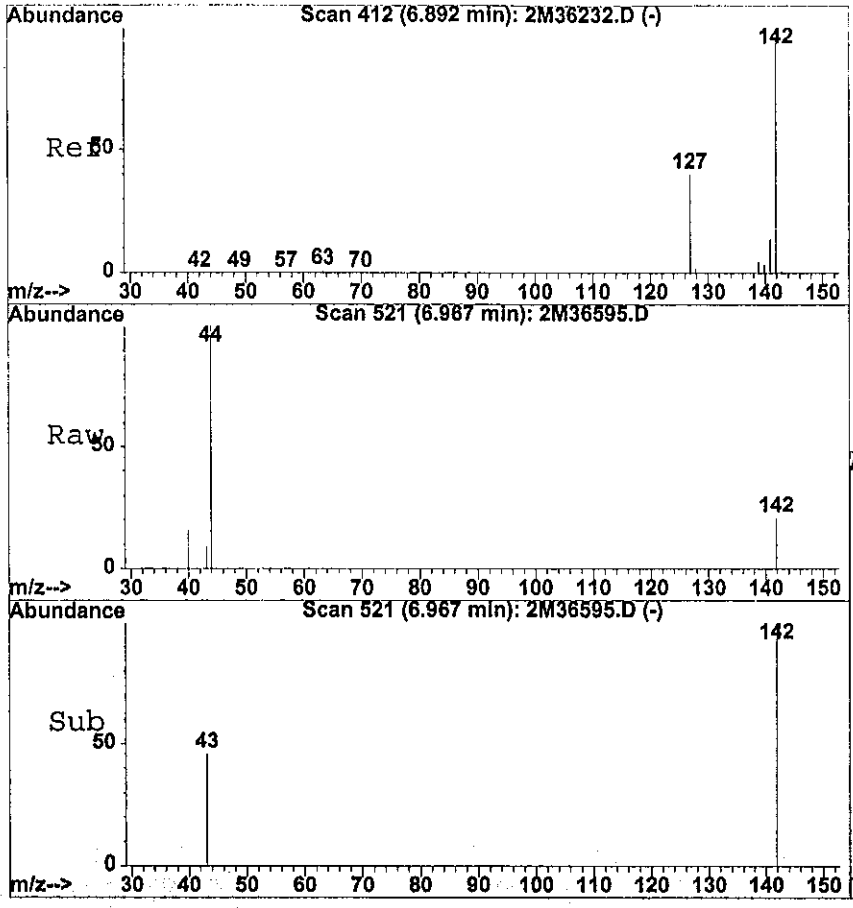


#11
Acetone
Concen: 717.82 UG/L
RT: 6.13 min Scan# 436
Delta R.T. -0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 43 Resp: 11801

Ion	Ratio	Lower	Upper
43	100		
58	25.1	16.3	24.5#

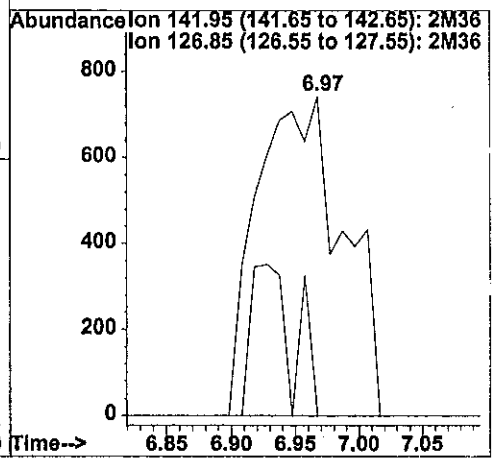


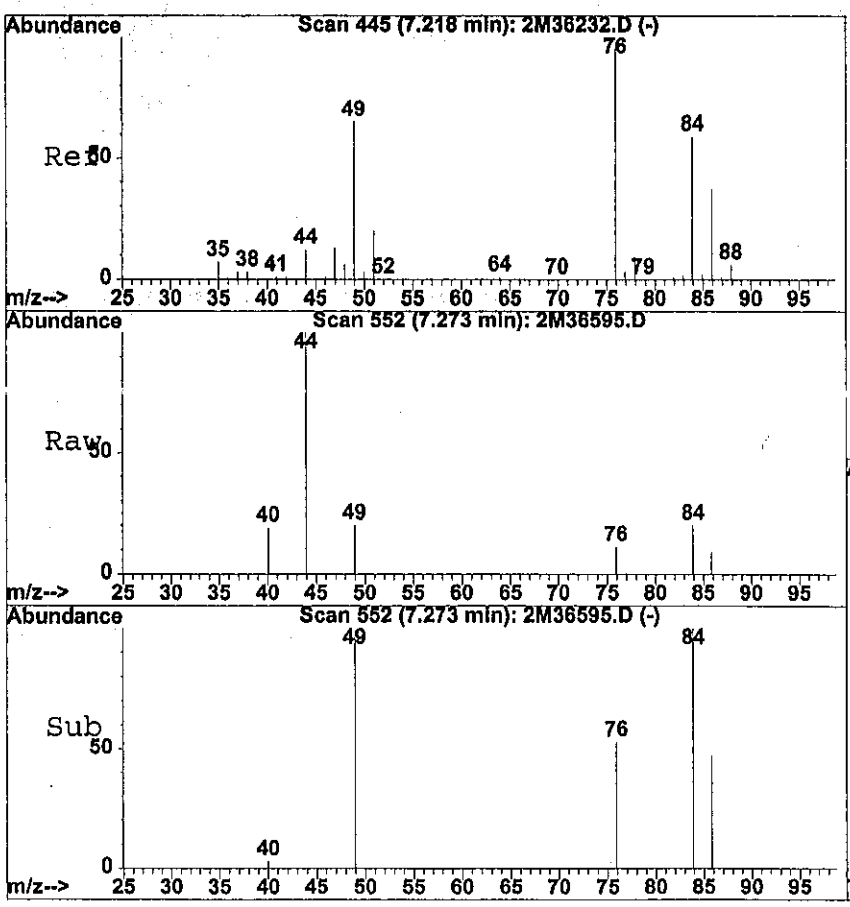


#14
Iodomethane
Concen: 25.27 UG/L
RT: 6.97 min Scan# 521
Delta R.T. 0.03 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:142 Resp: 3471

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.4	45.6#

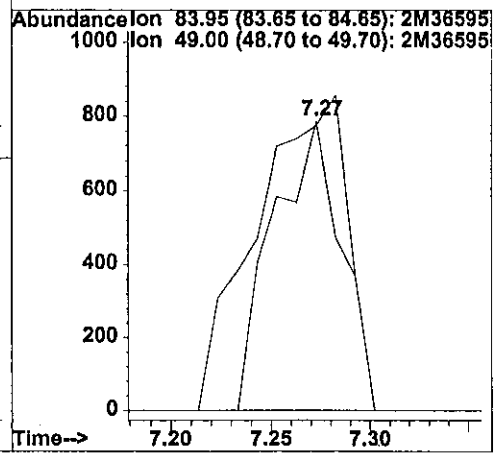


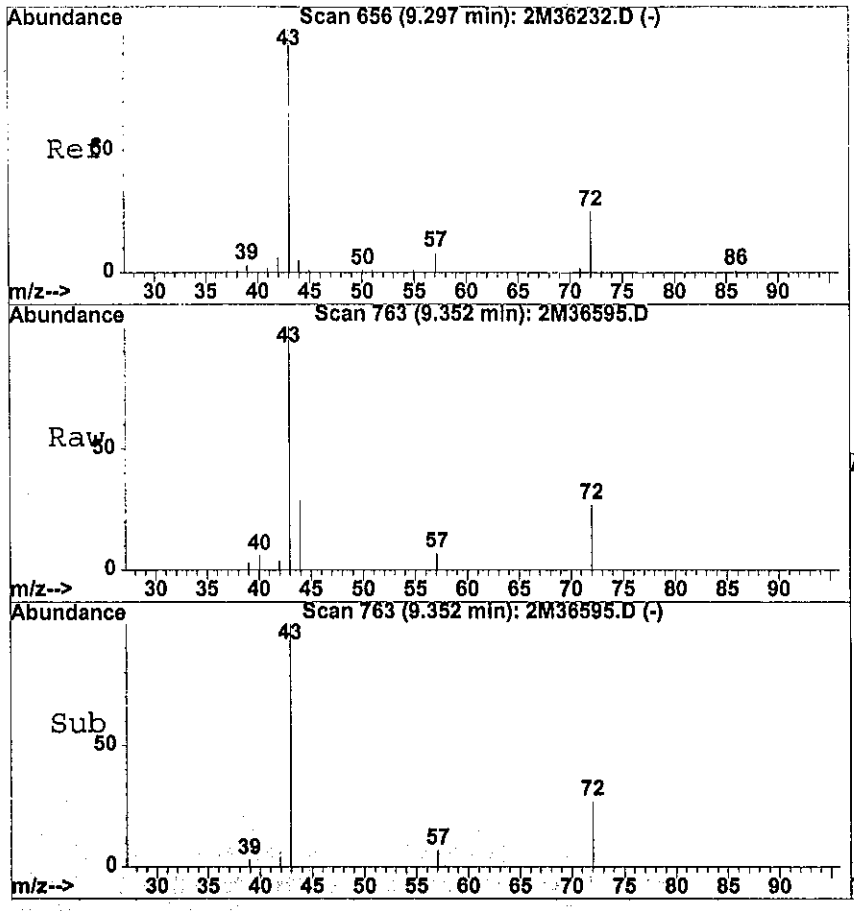


#15
Methylene Chloride
Concen: 11.76 UG/L
RT: 7.27 min Scan# 552
Delta R.T. 0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 84 Resp: 1884

Ion	Ratio	Lower	Upper
84	100		
49	145.1	102.2	153.4

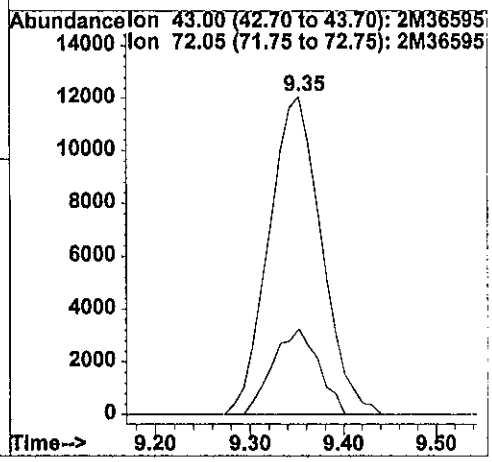


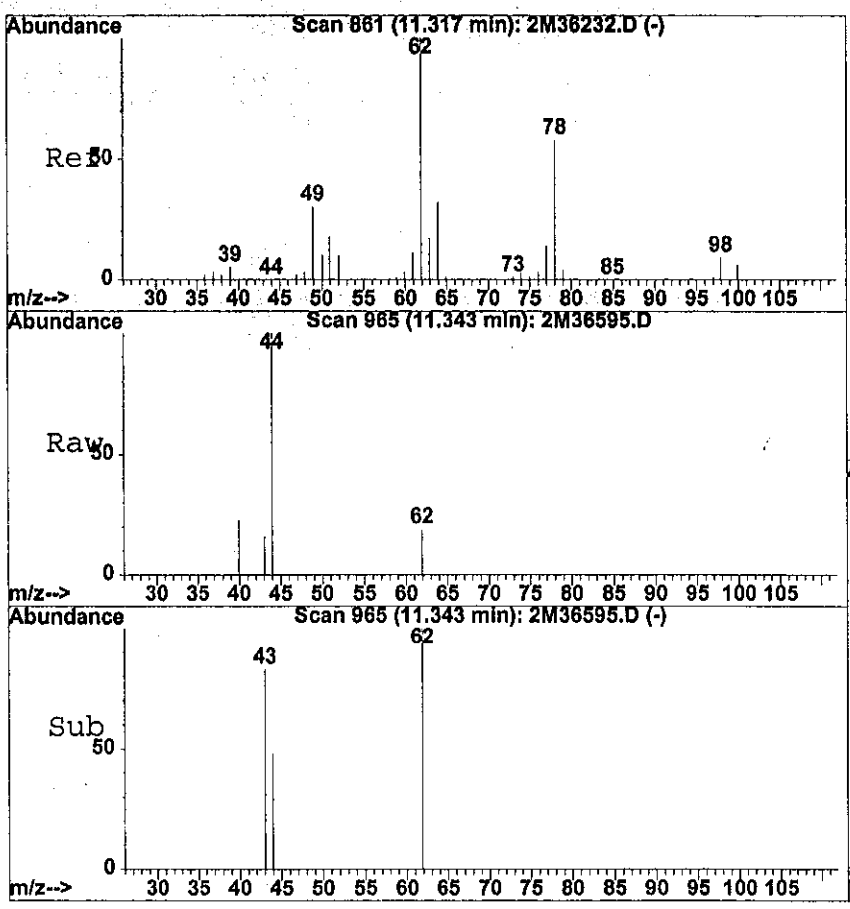


#23
2-Butanone
Concen: 1309.73 UG/L
RT: 9.35 min Scan# 763
Delta R.T. 0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 43 Resp: 47246

Ion	Ratio	Lower	Upper
43	100		
72	23.6	15.3	22.9#

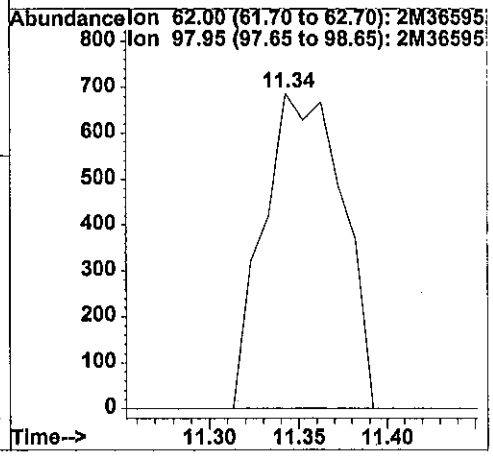


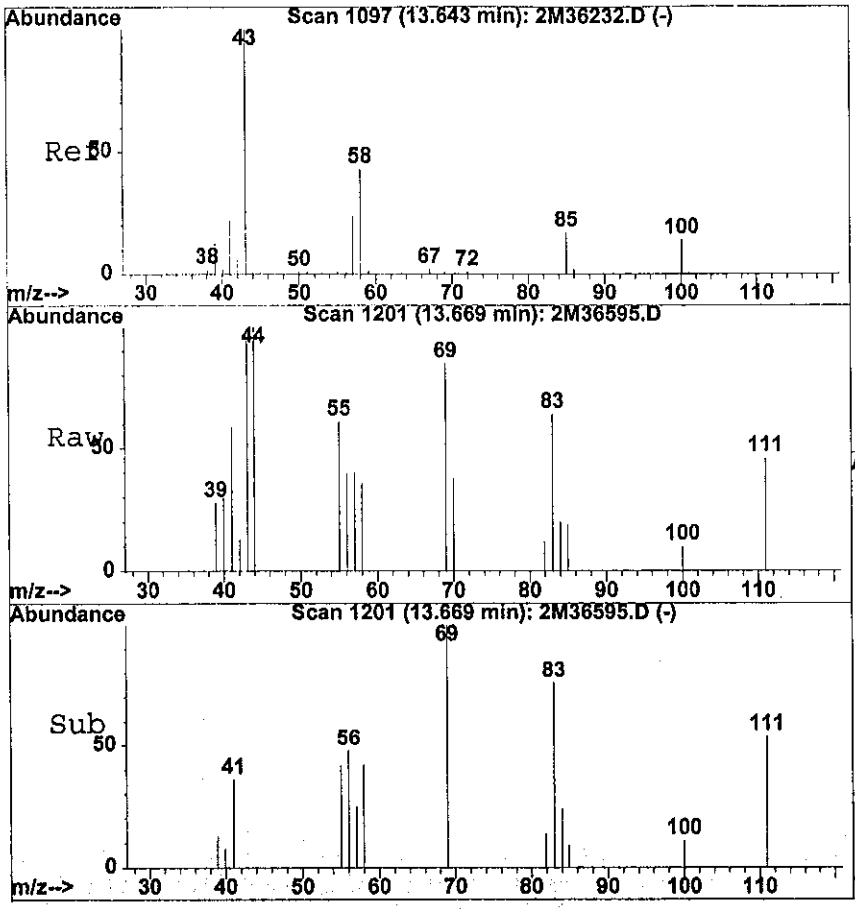


#34
1,2-Dichloroethane
Concen: 11.01 UG/L
RT: 11.34 min Scan# 965
Delta R.T. -0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 62 Resp: 2115

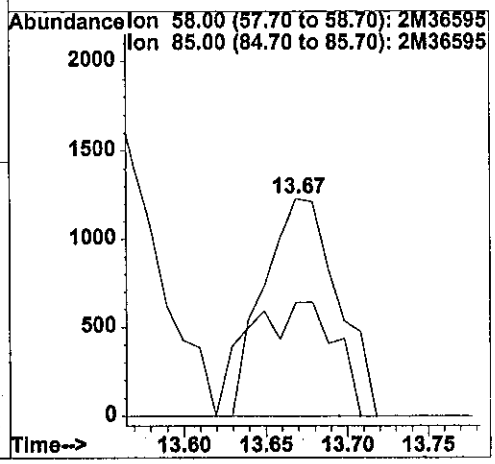
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

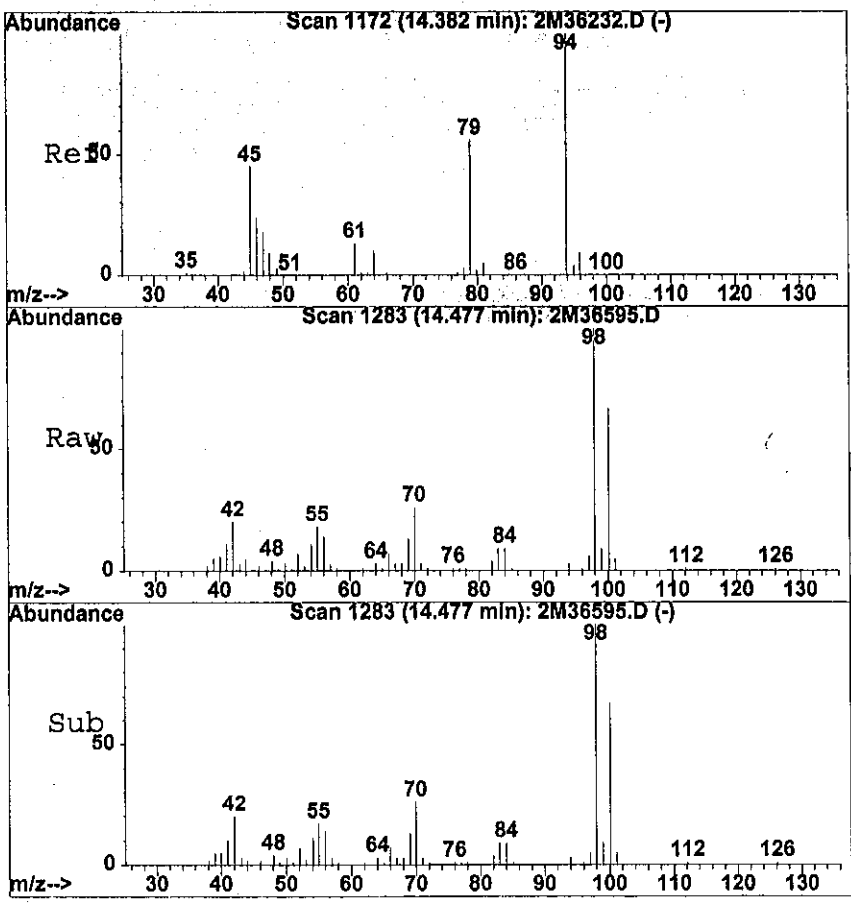




#41
4-Methyl-2-Pentanone
Concen: 106.85 UG/L
RT: 13.67 min Scan# 1201
Delta R.T. -0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

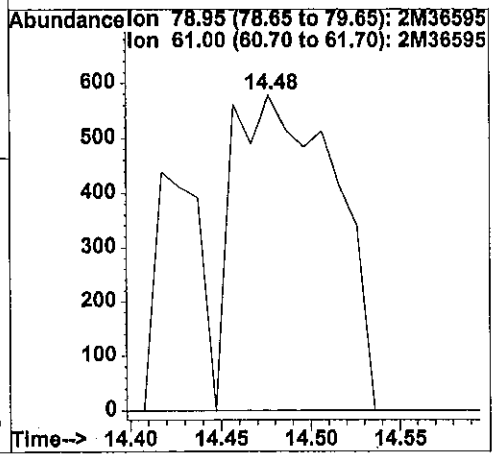
Tgt Ion: 58	Resp:	3876
Ion	Ratio	Lower	Upper
58	100		
85	61.5	36.2	54.2#

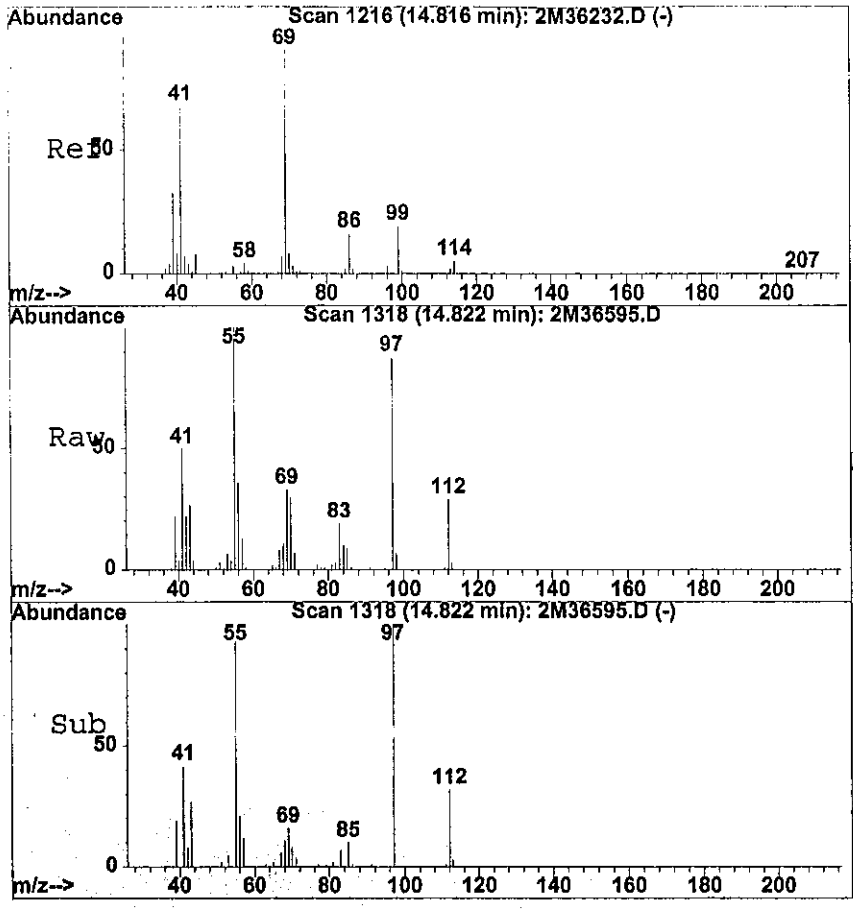




#43
Dimethyl Disulfide
Concen: 12.91 UG/L
RT: 14.48 min Scan# 1283
Delta R.T. 0.06 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 79	Resp:	2303
Ion	Ratio	Lower	Upper
79	100		
61	0.0	20.5	30.7#

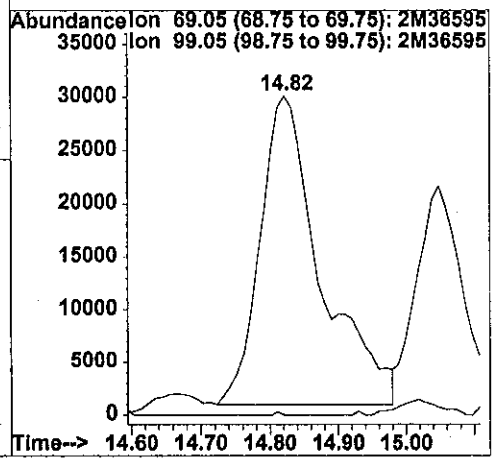


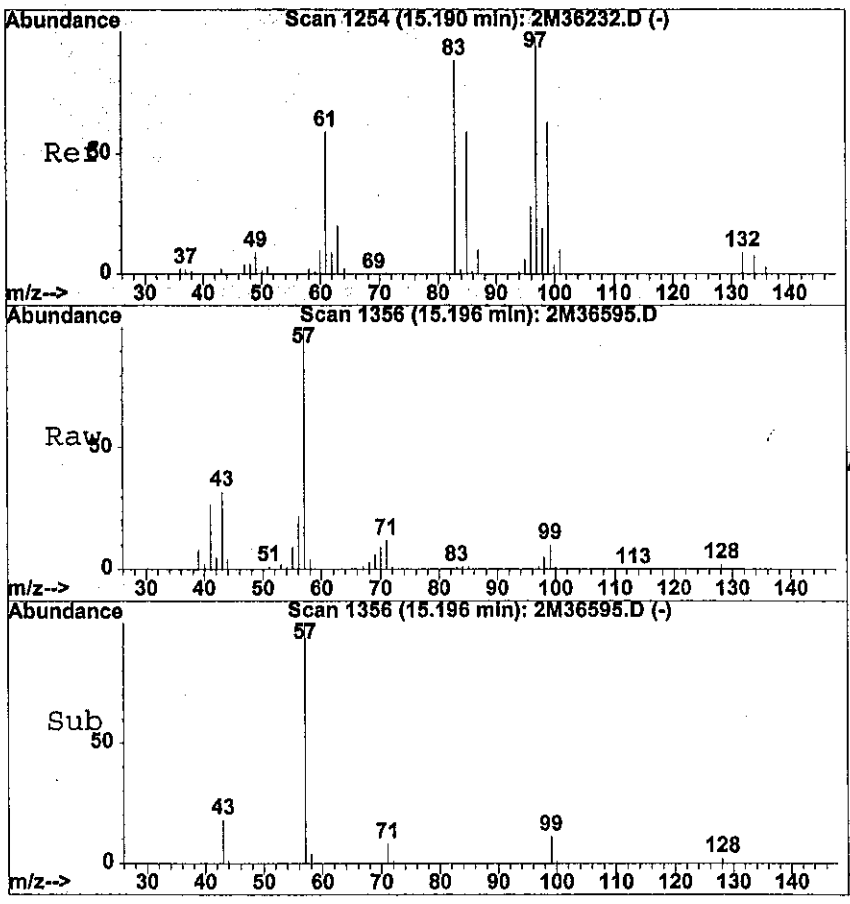


#47
Ethyl Methacrylate
Concen: 917.15 UG/L
RT: 14.82 min Scan# 1318
Delta R.T. -0.03 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 69 Resp: 179784

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

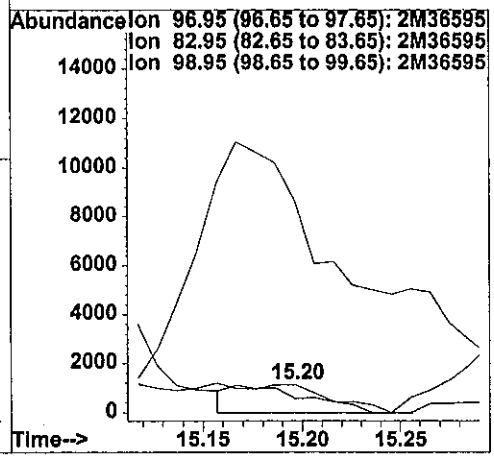


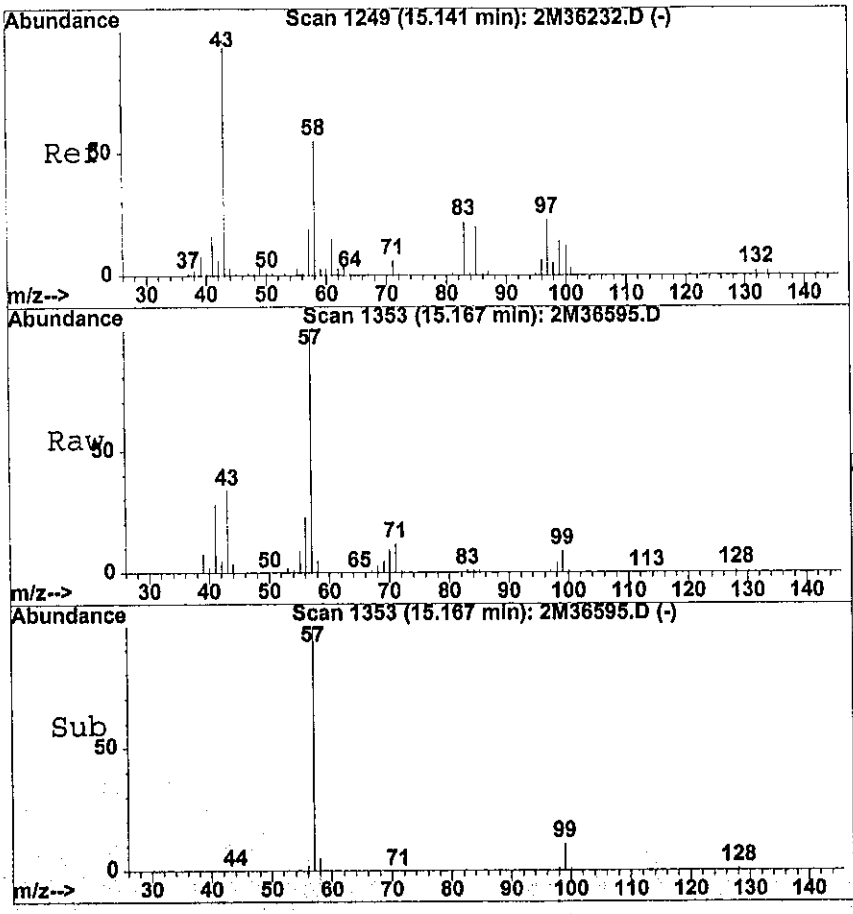


#49
1,1,2-Trichloroethane
Concen: 28.83 UG/L
RT: 15.20 min Scan# 1356
Delta R.T. -0.03 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 97 Resp: 3662

Ion	Ratio	Lower	Upper
97	100		
83	112.2	64.3	96.5#
99	1880.3	50.4	75.6#

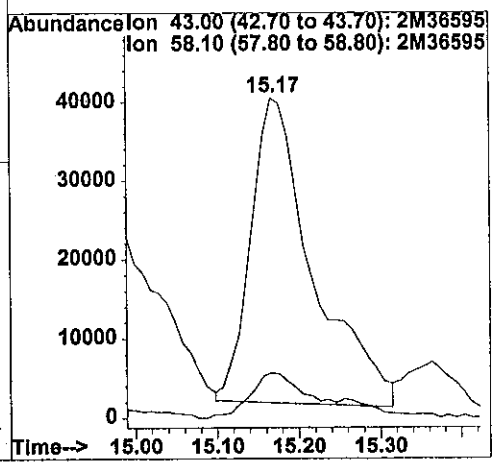


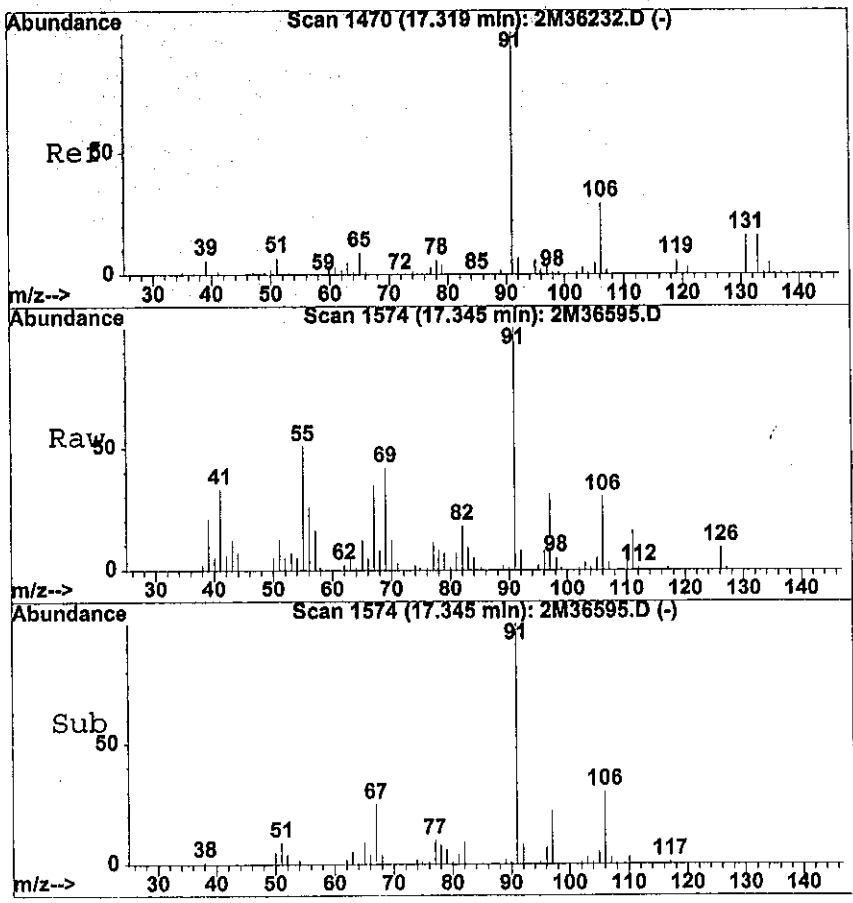


#50
2-Hexanone
Concen: 2861.98 UG/L
RT: 15.17 min Scan# 1353
Delta R.T. -0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 43 Resp: 203303

Ion	Ratio	Lower	Upper
43	100		
58	13.5	37.7	56.5#

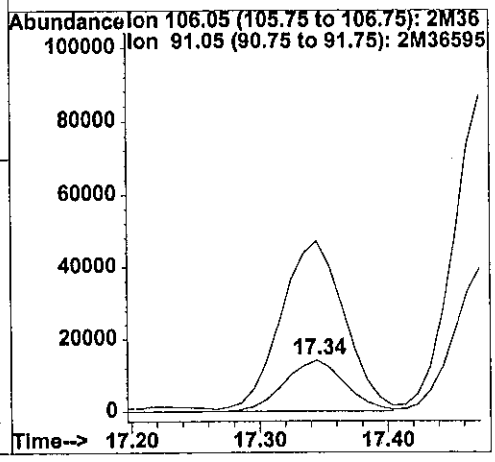


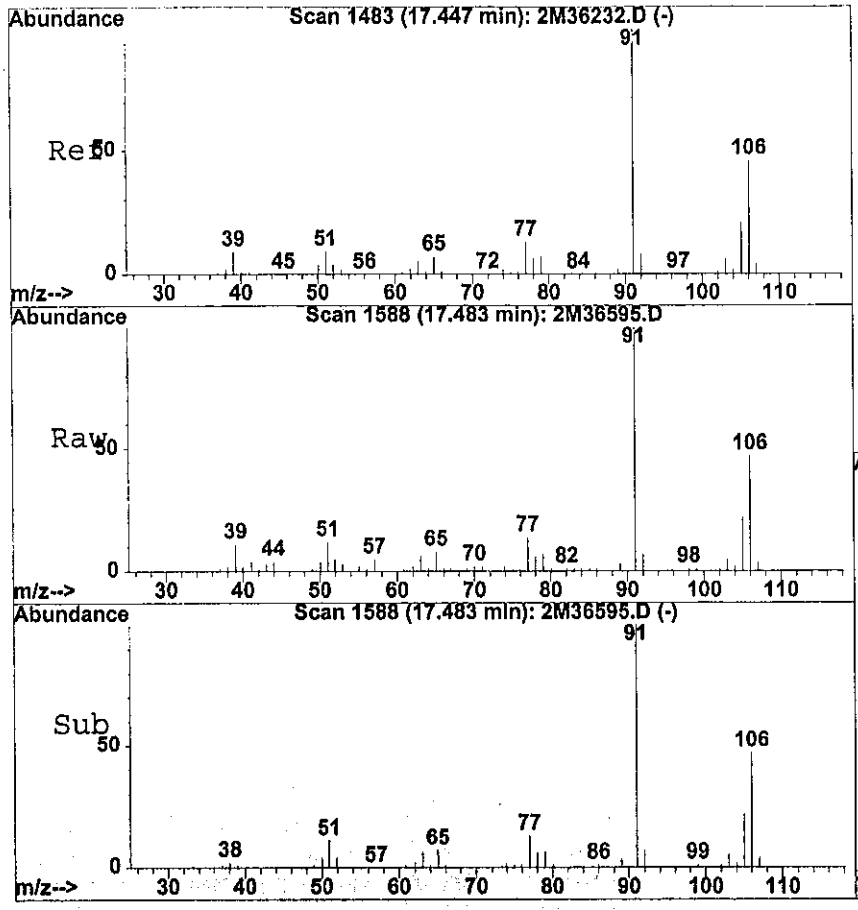


#58
Ethylbenzene
Concen: 158.55 UG/L
RT: 17.34 min Scan# 1574
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:106 Resp: 46134

Ion	Ratio	Lower	Upper
106	100		
91	354.8	277.9	416.9

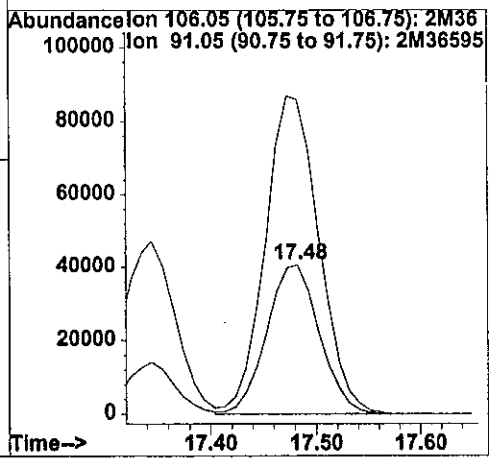


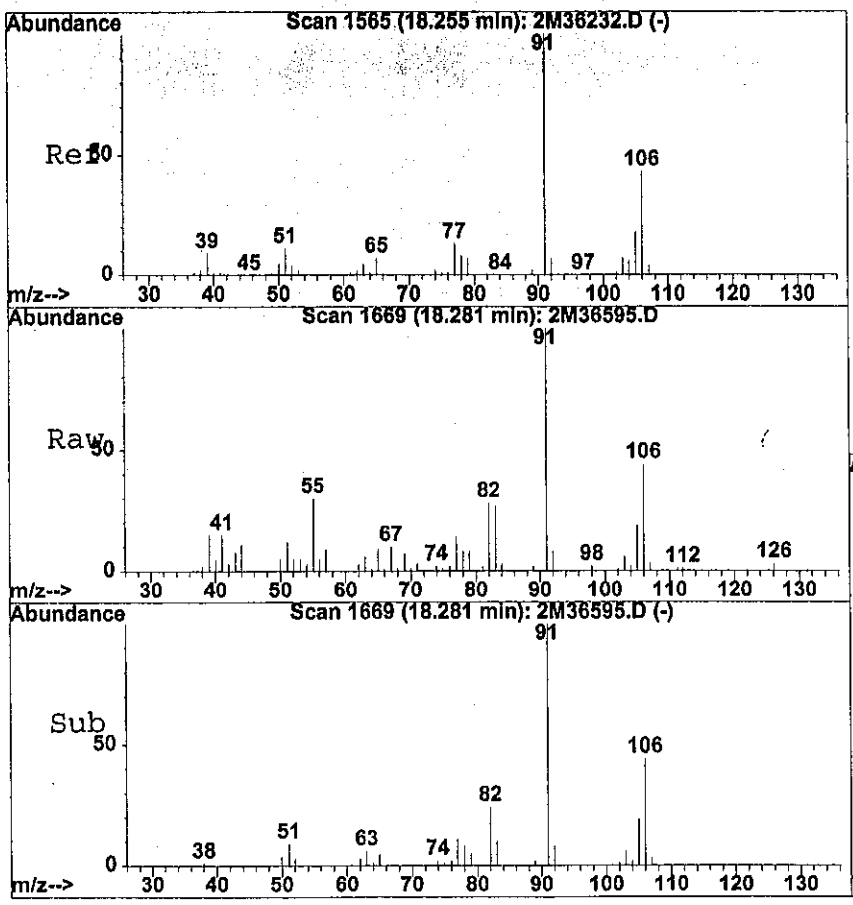


#59
m-,p-Xylene
Concen: 400.59 UG/L
RT: 17.48 min Scan# 1588
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:106 Resp: 140280

Ion	Ratio	Lower	Upper
106	100		
91	217.6	173.4	260.2

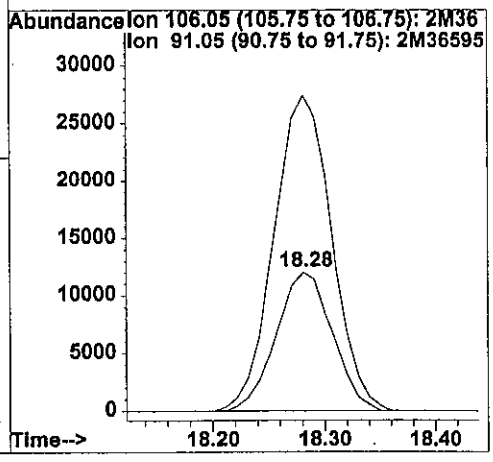


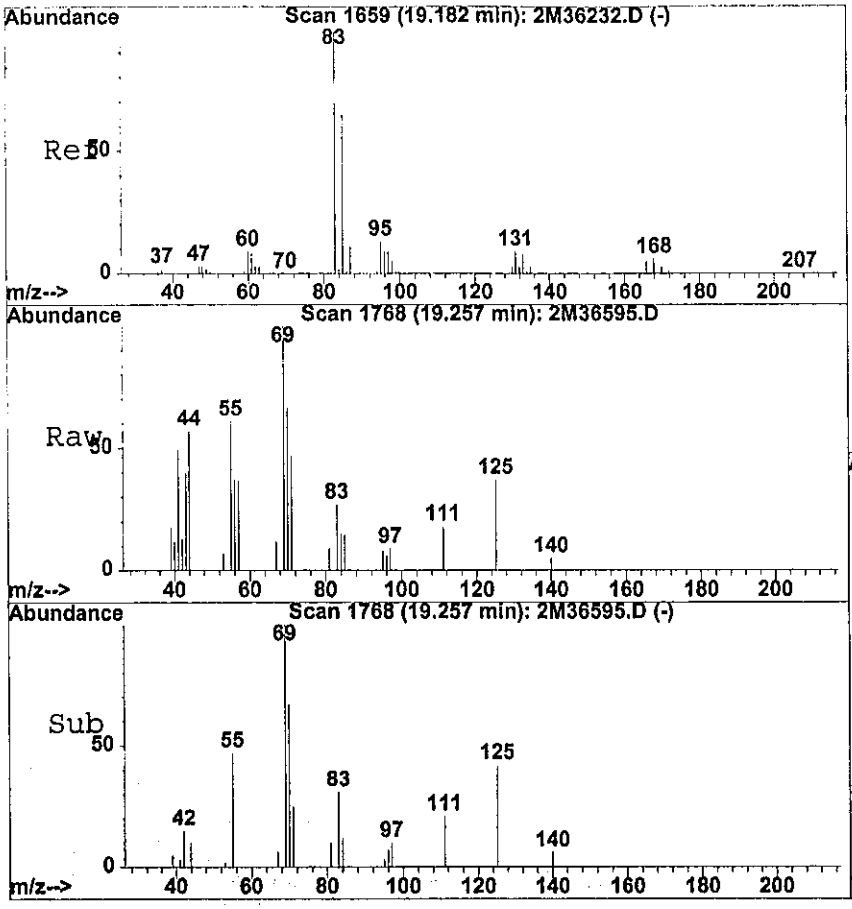


#60
o-Xylene
Concen: 118.20 UG/L
RT: 18.28 min Scan# 1669
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:106 Resp: 41559

Ion	Ratio	Lower	Upper
106	100		
91	235.3	181.0	271.6

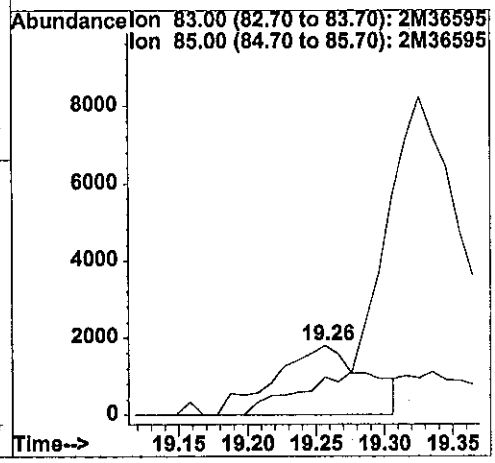


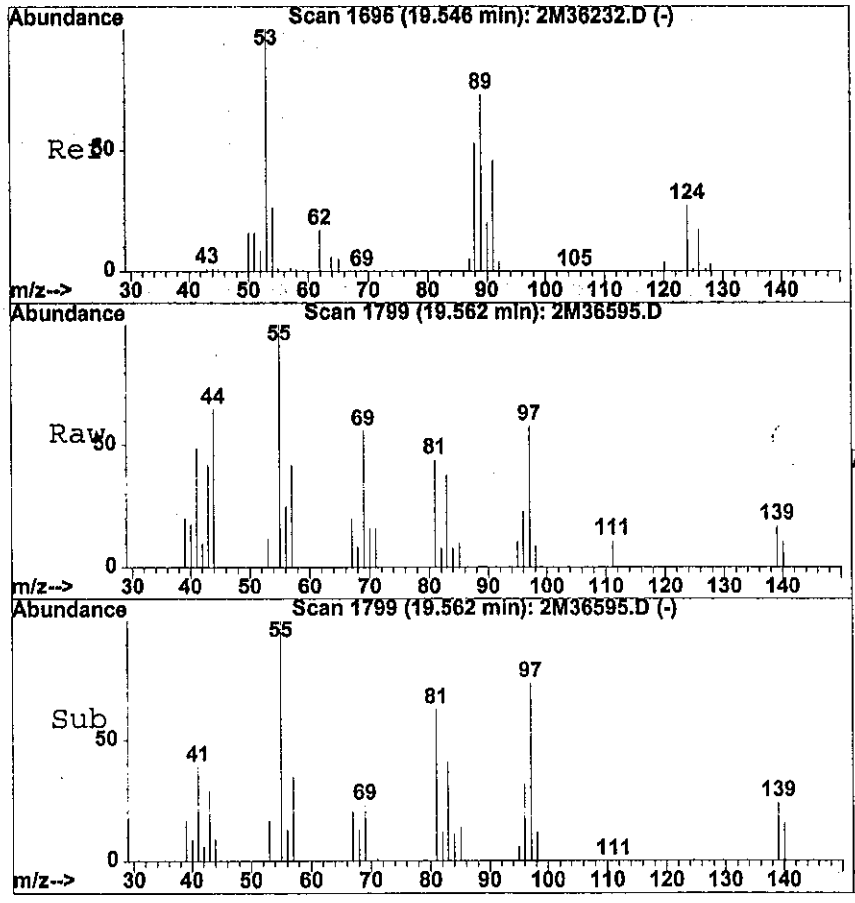


#65
1,1,2,2-Tetrachloroethane
Concen: 51.91 UG/L
RT: 19.26 min Scan# 1768
Delta R.T. 0.04 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 83 Resp: 8362

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.4	84.4#

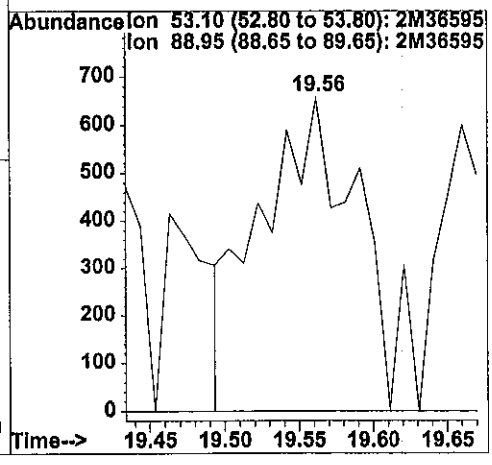


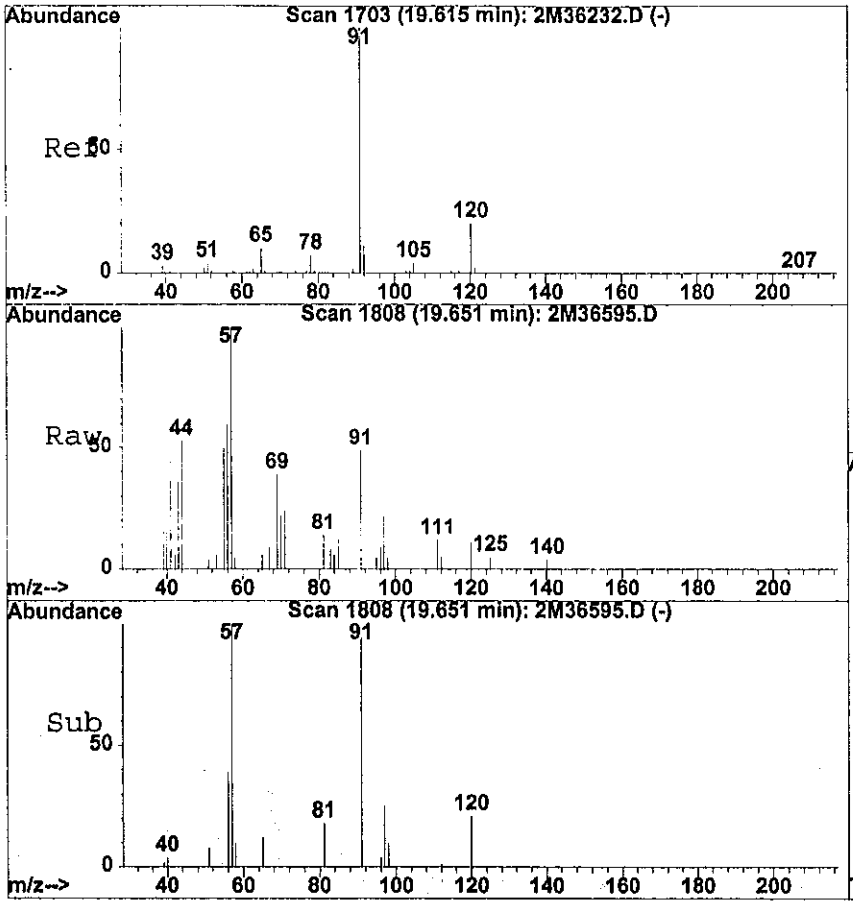


#68
trans-1,4-Dichloro-2-Butene
Concen: 71.43 UG/L
RT: 19.56 min Scan# 1799
Delta R.T. -0.02 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 53 Resp: 2908

Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

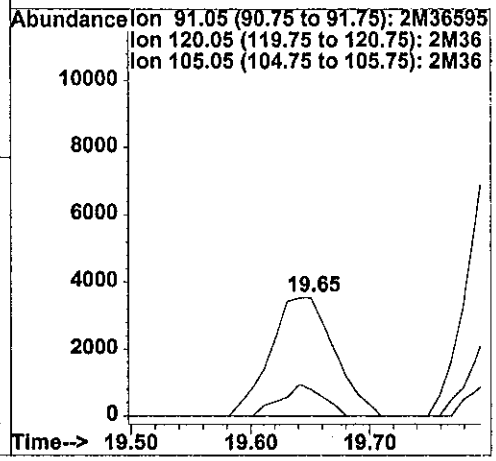


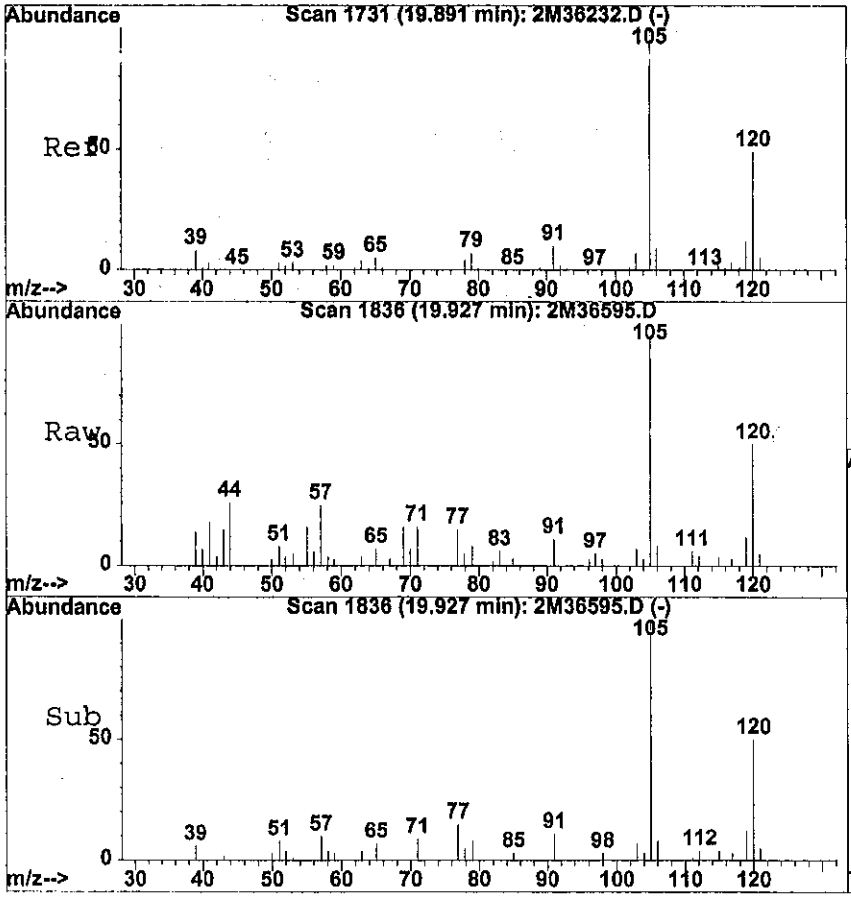


#69
n-Propylbenzene
Concen: 10.80 UG/L
RT: 19.65 min Scan# 1808
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 91 Resp: 13299

Ion	Ratio	Lower	Upper
91	100		
120	17.6	15.5	23.3
105	0.0	3.0	4.4#

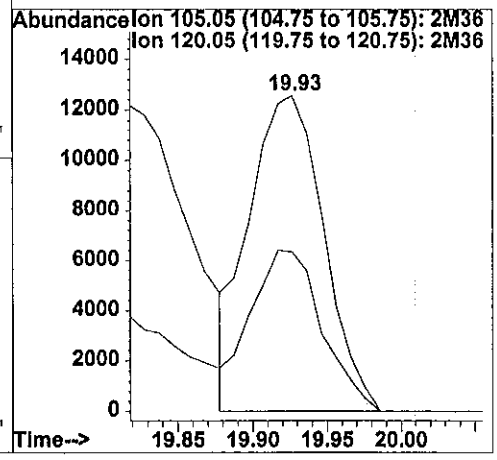


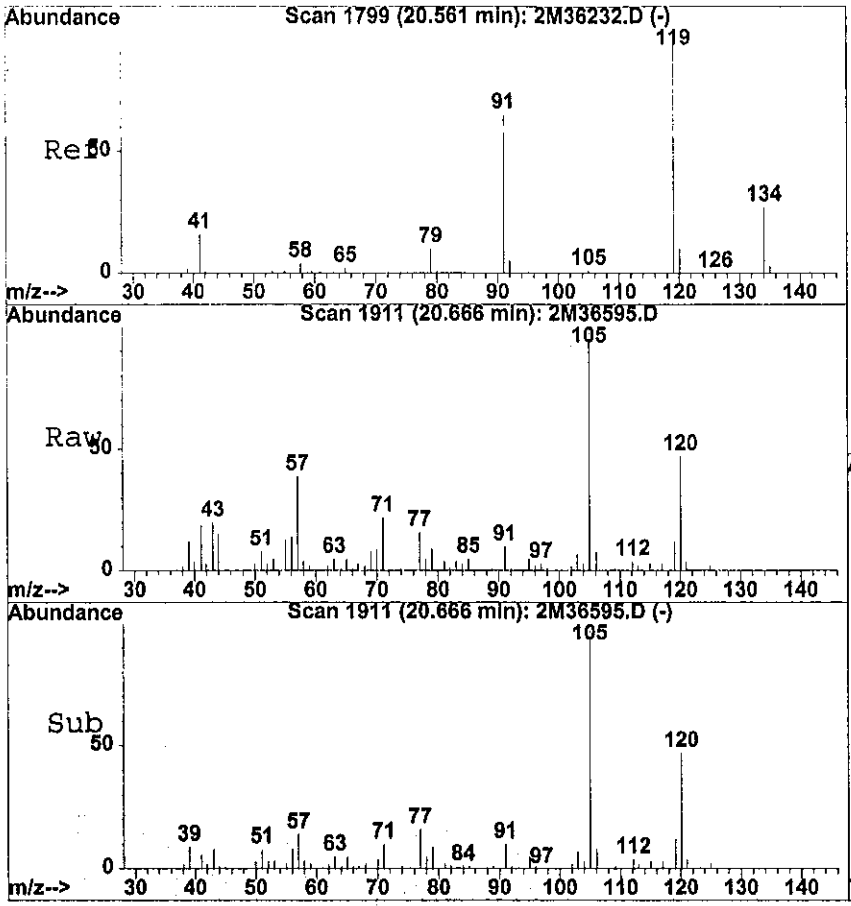


#71
1,3,5-Trimethylbenzene
Concen: 58.36 UG/L
RT: 19.93 min Scan# 1836
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:105 Resp: 44024

Ion	Ratio	Lower	Upper
105	100		
120	48.7	37.0	55.4

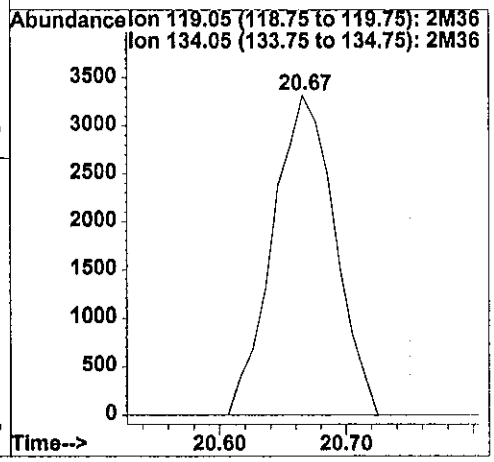


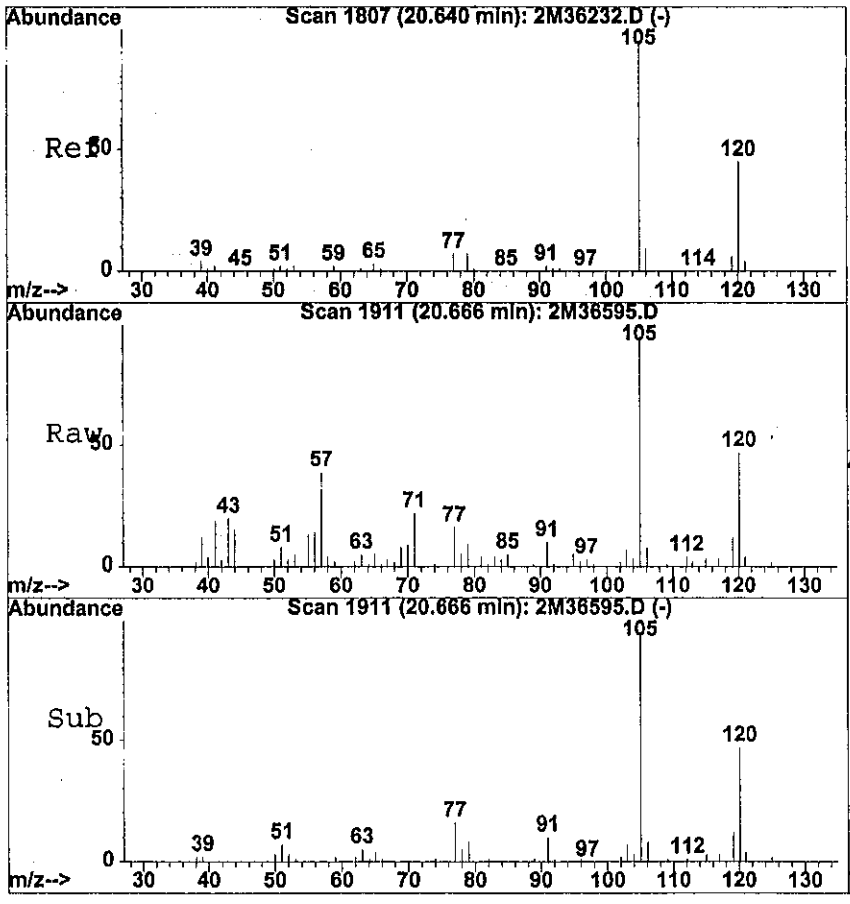


#75
tert-Butylbenzene
Concen: 15.99 UG/L
RT: 20.67 min Scan# 1911
Delta R.T. 0.07 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:119 Resp: 11329

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

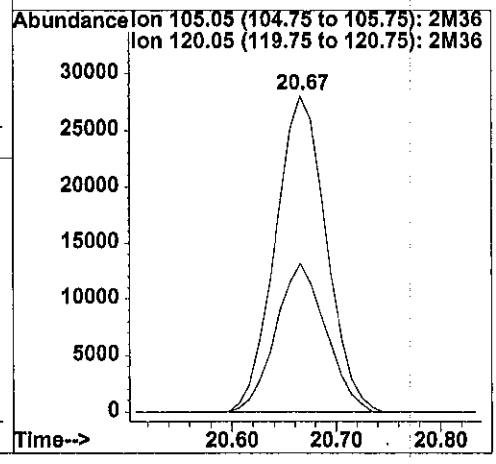


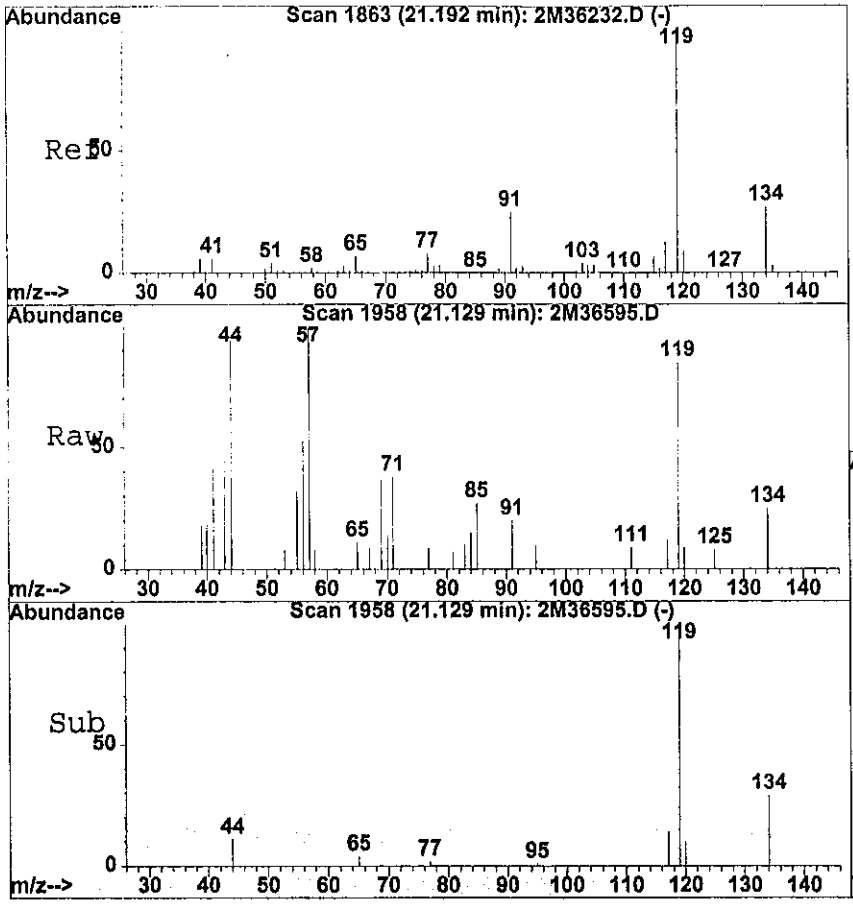


#76
1,2,4-Trimethylbenzene
Concen: 126.39 UG/L
RT: 20.67 min Scan# 1911
Delta R.T. -0.01 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:105 Resp: 95342

Ion	Ratio	Lower	Upper
105	100		
120	46.0	33.7	50.5

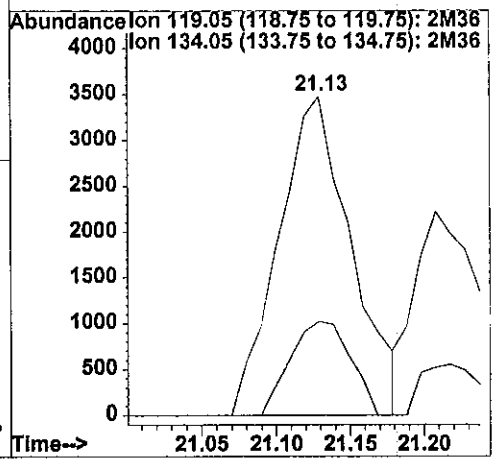


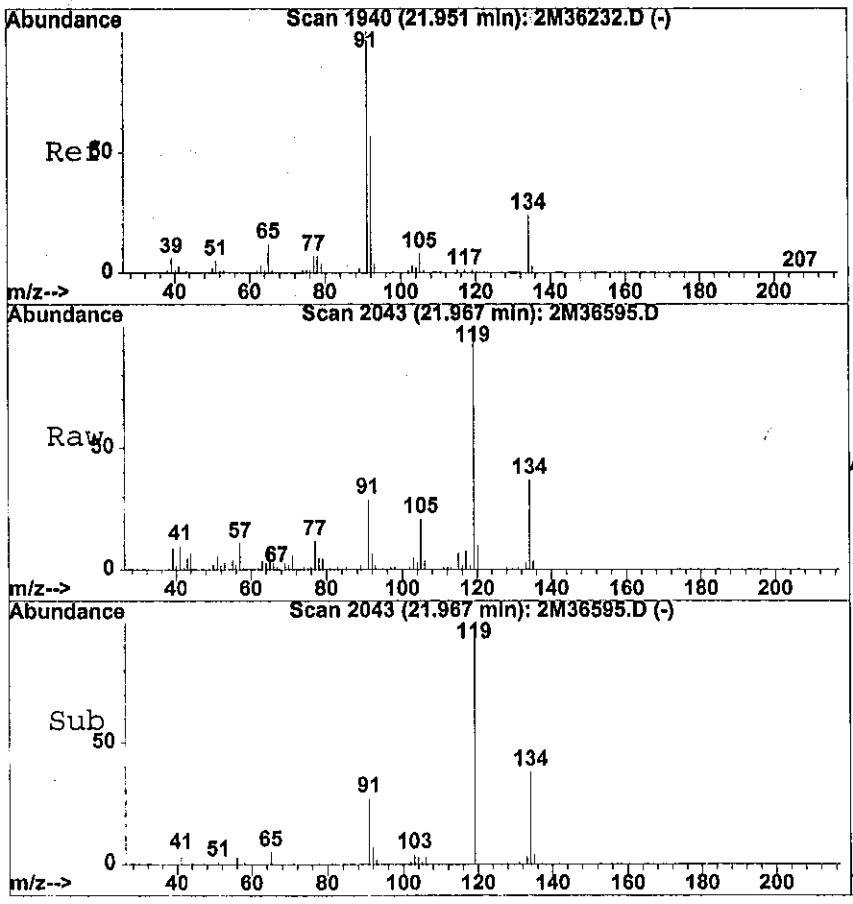


#78
p-Isopropyltoluene
Concen: 16.61 UG/L
RT: 21.13 min Scan# 1958
Delta R.T. -0.10 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:119 Resp: 11854

Ion	Ratio	Lower	Upper
119	100		
134	24.5	21.6	32.4

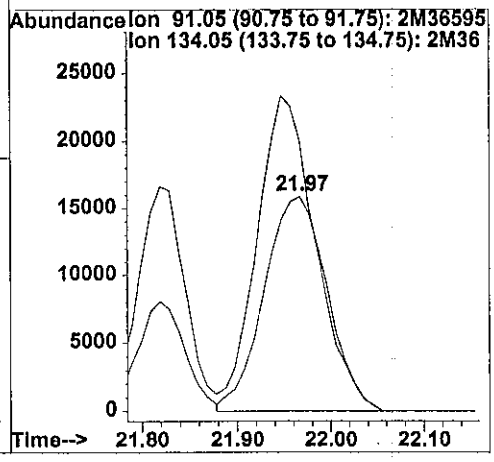


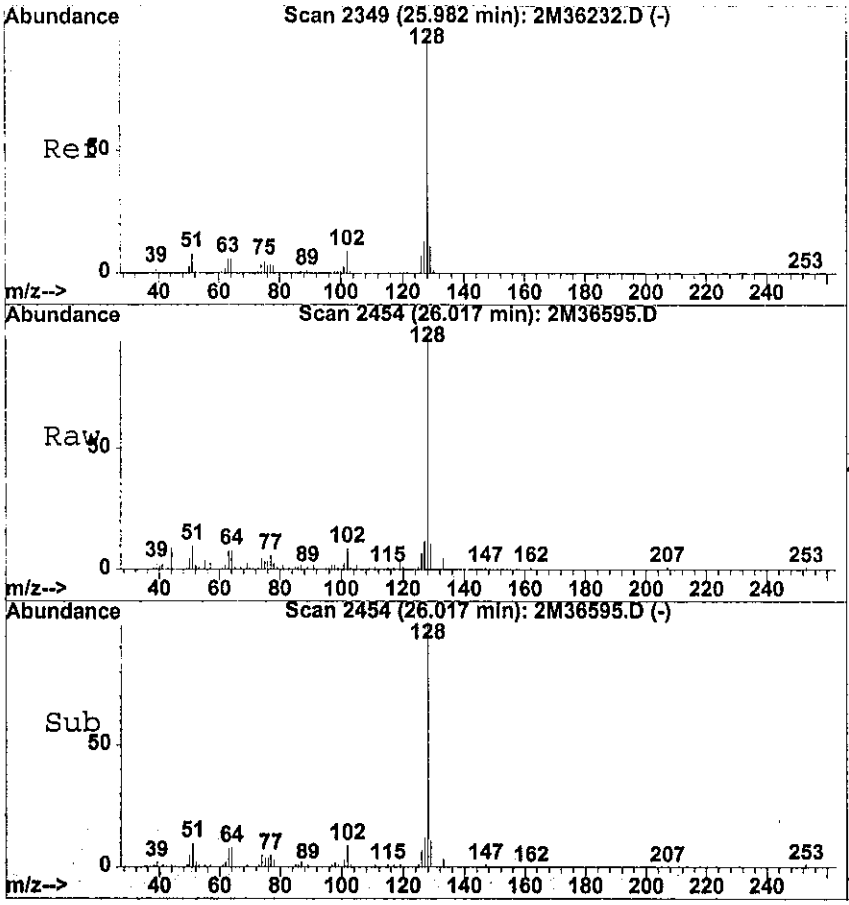


#81
n-Butylbenzene
Concen: 107.18 UG/L
RT: 21.97 min Scan# 2043
Delta R.T. -0.02 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion: 91 Resp: 73905

Ion	Ratio	Lower	Upper
91	100		
134	136.5	19.0	28.6#

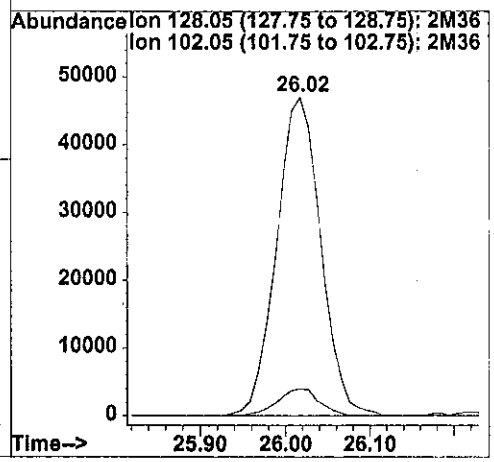




#86
Naphthalene
Concen: 627.88 UG/L
RT: 26.02 min Scan# 2454
Delta R.T. 0.00 min
Lab File: 2M36595.D
Acq: 21 Jun 2000 13:25

Tgt Ion:128 Resp: 170650

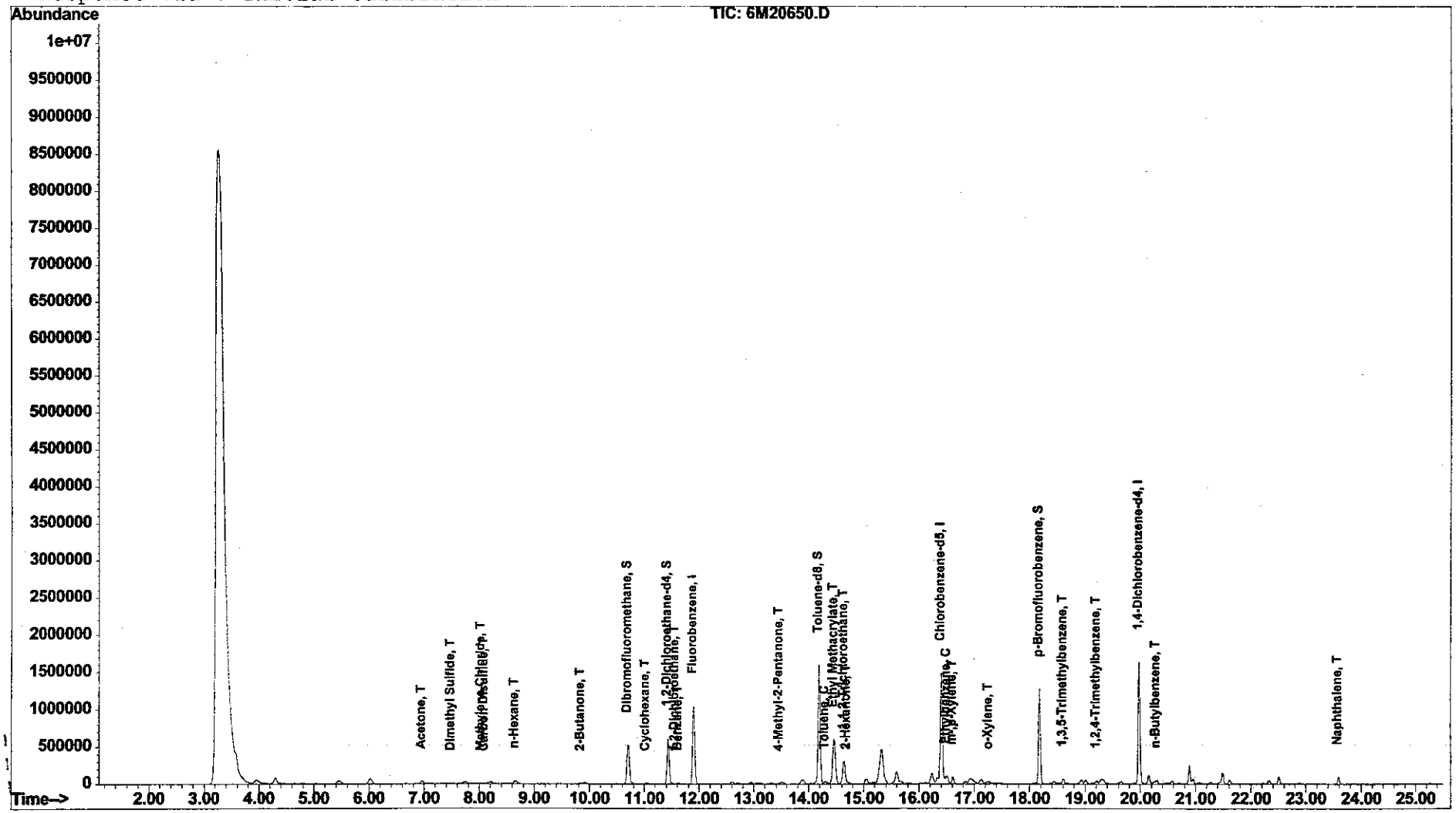
Ion	Ratio	Lower	Upper
128	100		
102	8.1	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20650.D Vial: 11
Acq On : 19 Jun 2000 14:35 Operator: CMS
Sample : L0006193-04 A IT CORP 826-SPE-VO 6.2G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 15:01 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration

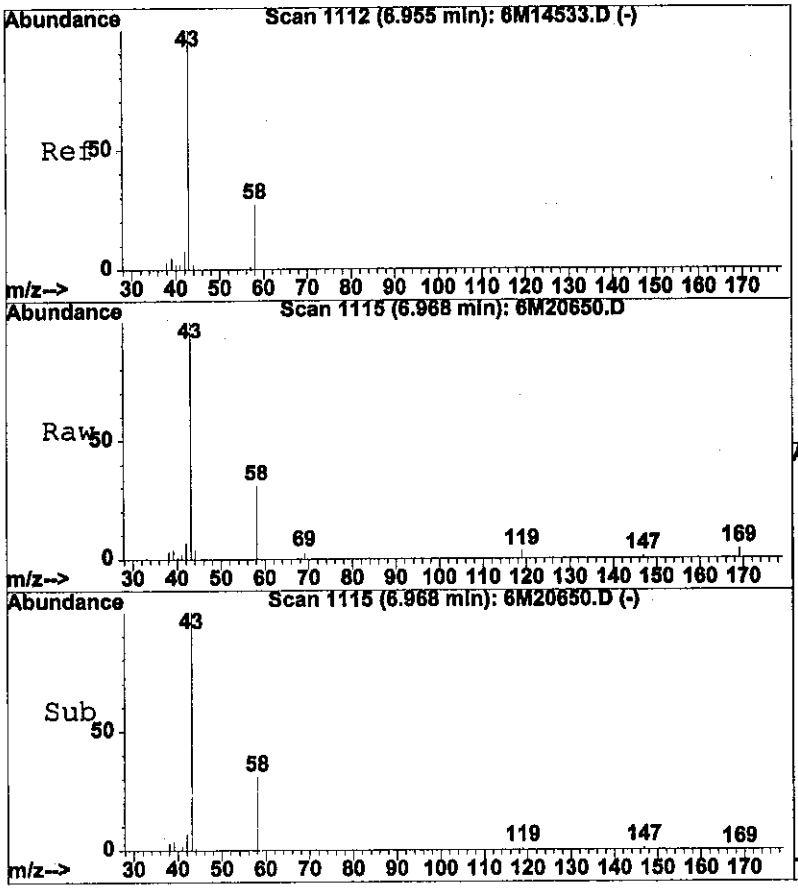


Data File : C:\HPCHEM\1\DATA\061900\6M20650.D Vial: 11
Acq On : 19 Jun 2000 14:35 Operator: CMS
Sample : L0006193-04 A IT CORP 826-SPE-VO 6.2G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 15:01 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1413059	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1110928	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	611017	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.71	111	468400	44.17	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.34%			
33) 1,2-Dichloroethane-d4	11.43	65	601513	47.25	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.50%			
45) Toluene-d8	14.19	98	1522499	46.04	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 92.08%			
66) p-Bromofluorobenzene	18.18	95	657489	48.04	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 96.08%			
Target Compounds						Qvalue
11) Acetone	6.97	43	79516	24.54	ug/kg# NTC	87
13) Dimethyl Sulfide	7.49	62	7587	0.66	ug/kg#	1
15) Methylene Chloride	8.04	84	3458	0.41	ug/kg# BDL	59
16) Carbon Disulfide	8.10	76	10448	0.30	ug/kg	96
20) n-Hexane	8.65	57	39714	1.91	ug/kg	99
23) 2-Butanone	9.84	43	23980	3.60	ug/kg# BDL	91
30) Cyclohexane	11.04	56	8405	0.35	ug/kg#	40
34) 1,2-Dichloroethane	11.57	62	4060	0.23	ug/kg#	99
35) Benzene	11.62	78	21246	0.58	ug/kg# BDL J	90
41) 4-Methyl-2-Pentanone	13.46	58	3016	0.74	ug/kg# BDL	66
46) Toluene	14.31	91	34072	0.83	ug/kg BDL J	97
47) Ethyl Methacrylate	14.46	69	101100	9.36	ug/kg#	60
49) 1,1,2-Trichloroethane	14.64	97	188422	23.10	ug/kg#	17
50) 2-Hexanone	14.70	43	10867	1.05	ug/kg#	78
58) Ethylbenzene	16.50	106	9775	0.62	ug/kg BDL J	99
59) m-,p-Xylene	16.61	106	40927	2.06	ug/kg 1 J	95
60) o-Xylene	17.27	106	8353	0.44	ug/kg 1 J	97
71) 1,3,5-Trimethylbenzene	18.60	105	60741	1.49	ug/kg	94
76) 1,2,4-Trimethylbenzene	19.21	105	27634	0.65	ug/kg	97
81) n-Butylbenzene	20.29	91	14694	0.34	ug/kg#	1
86) Naphthalene	23.59	128	103263	2.74	ug/kg	99

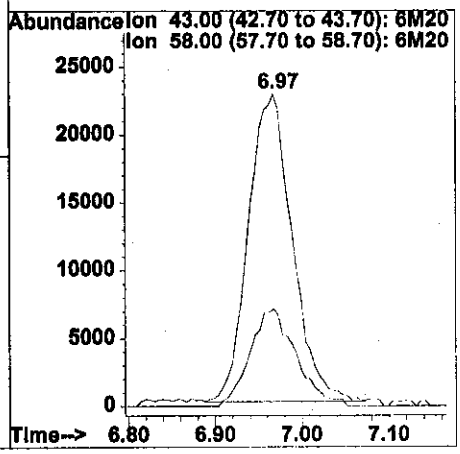
(#) = qualifier out of range (m) = manual integration

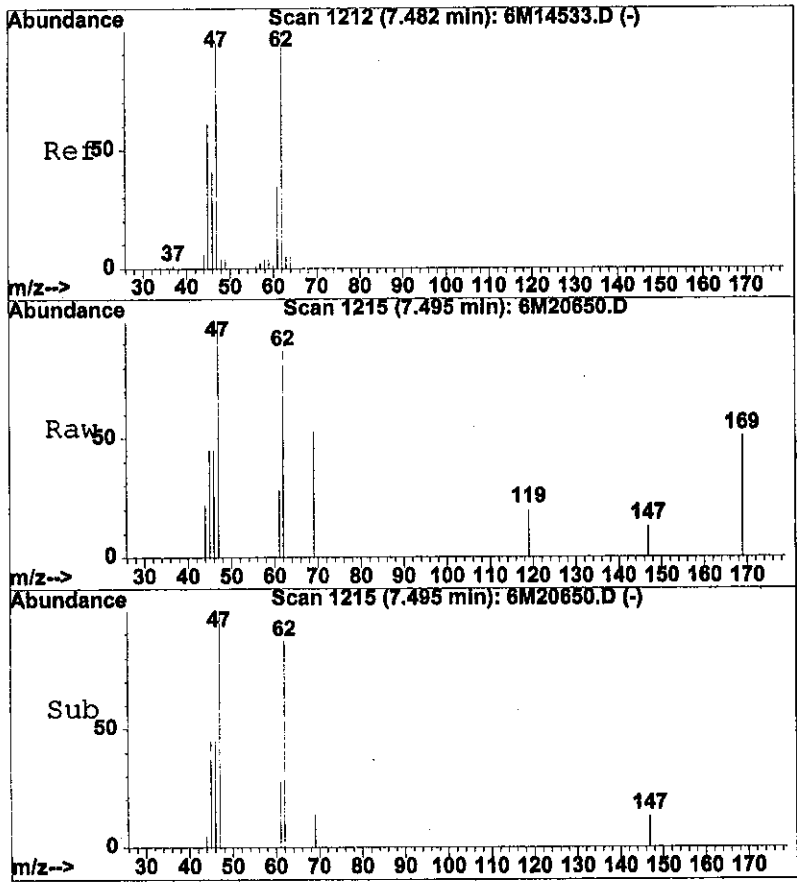


#11
Acetone
Concen: 24.54 ug/kg
RT: 6.97 min Scan# 1115
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 43 Resp: 79516

Ion	Ratio	Lower	Upper
43	100		
58	33.0	21.1	31.7#

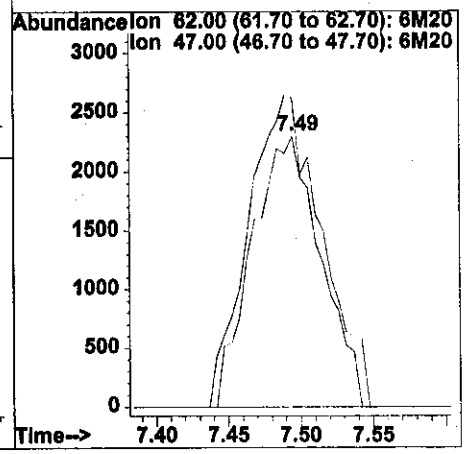


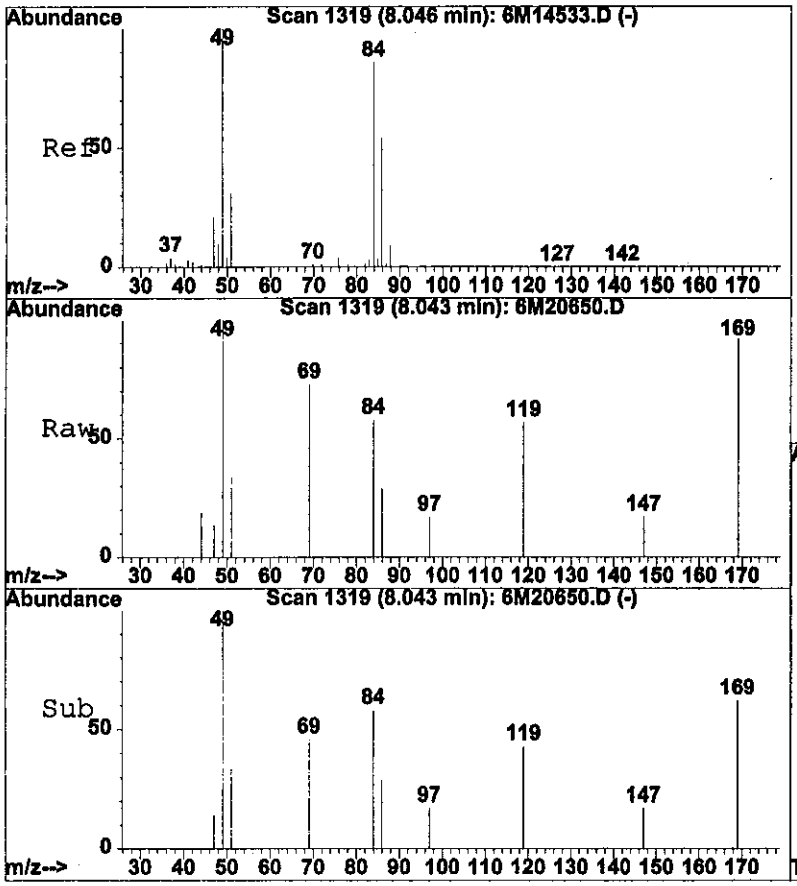


#13
Dimethyl Sulfide
Concen: 0.66 ug/kg
RT: 7.49 min Scan# 1215
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 62 Resp: 7587

Ion	Ratio	Lower	Upper
62	100		
47	122.5	5.8	8.8#

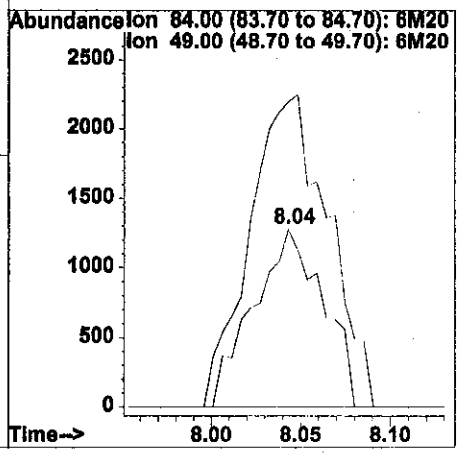


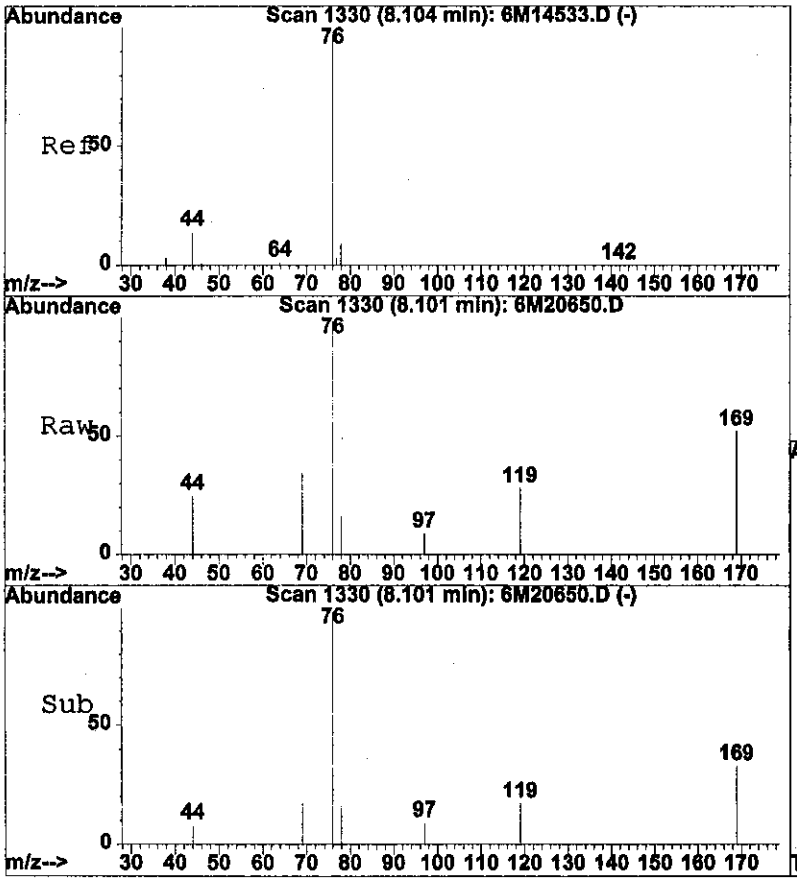


#15
Methylene Chloride
Concen: 0.41 ug/kg
RT: 8.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 84 Resp: 3458

Ion	Ratio	Lower	Upper
84	100		
49	198.1	117.8	176.8#

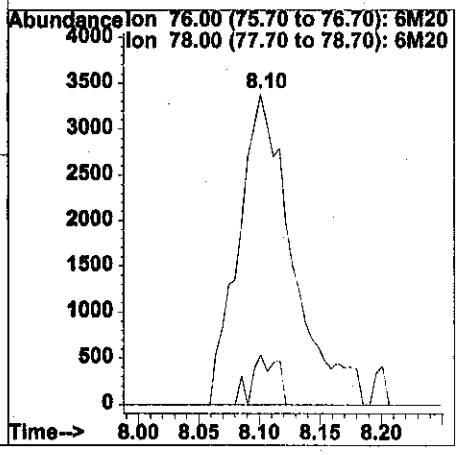


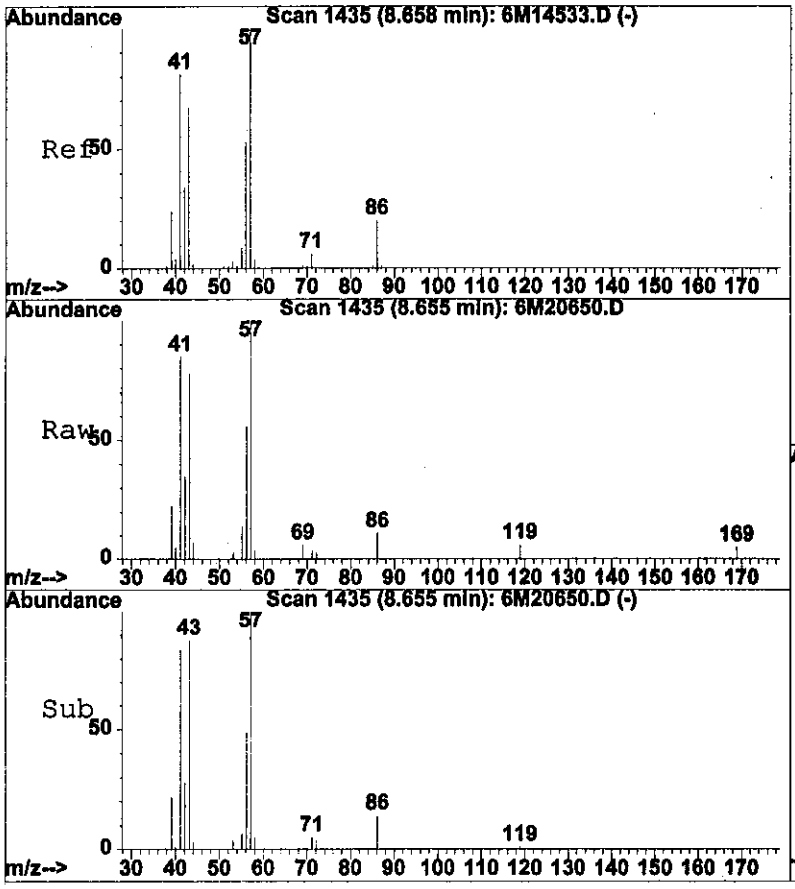


#16
Carbon Disulfide
Concen: 0.30 ug/kg
RT: 8.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 76 Resp: 10448

Ion	Ratio	Lower	Upper
76	100		
78	7.6	7.2	10.8

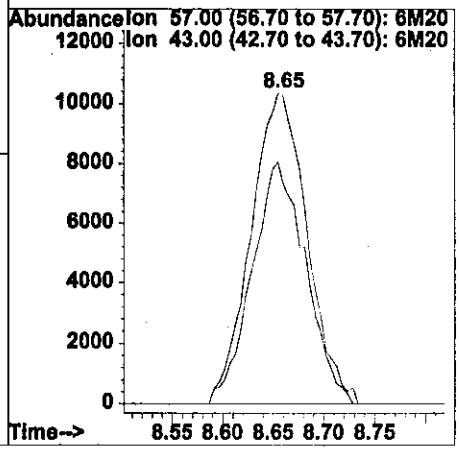


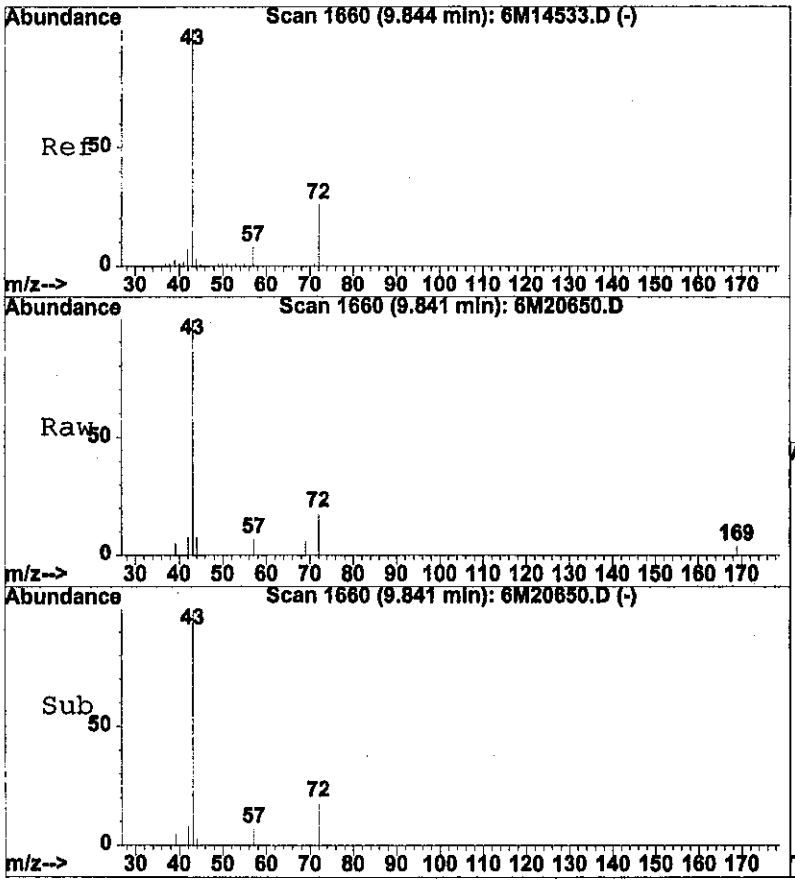


#20
n-Hexane
Concen: 1.91 ug/kg
RT: 8.65 min Scan# 1435
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 57 Resp: 39714

Ion	Ratio	Lower	Upper
57	100		
43	74.6	59.0	88.6

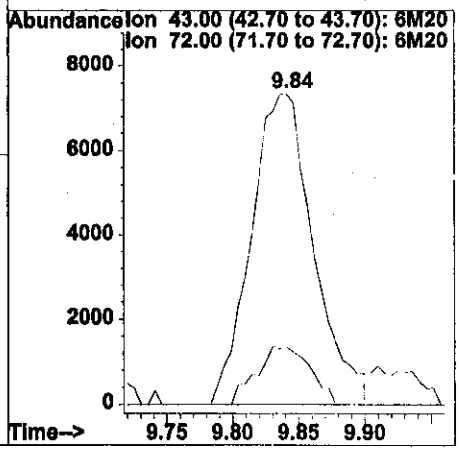


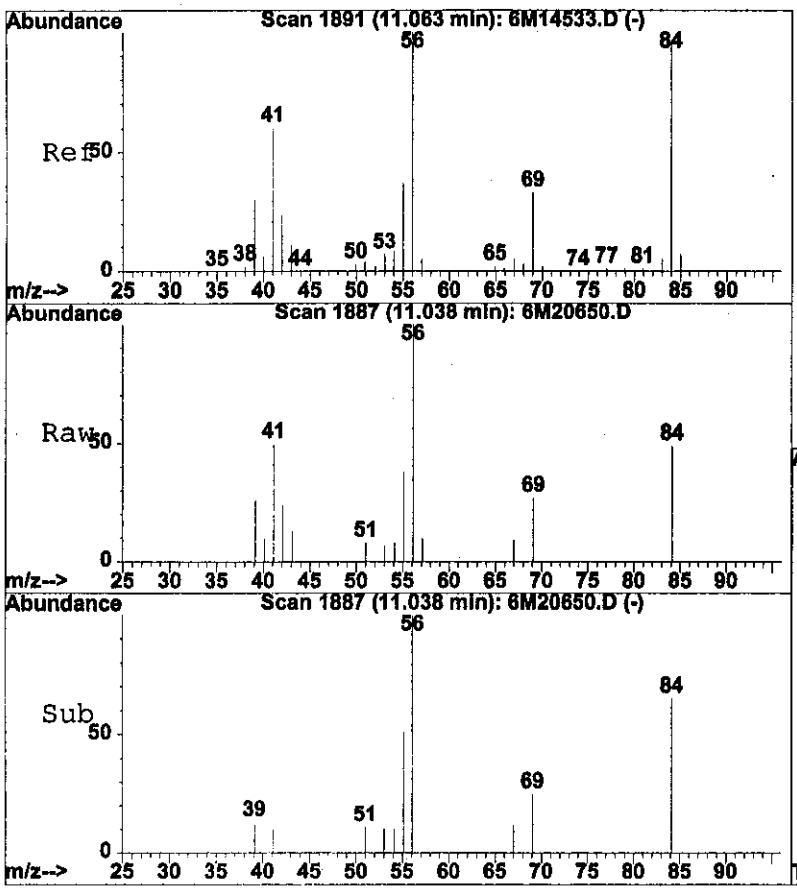


#23
2-Butanone
Concen: 3.60 ug/kg
RT: 9.84 min Scan# 1660
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 43 Resp: 23980

Ion	Ratio	Lower	Upper
43	100		
72	15.9	16.2	24.4#

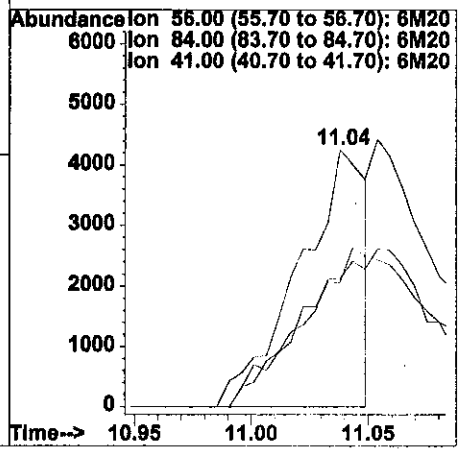


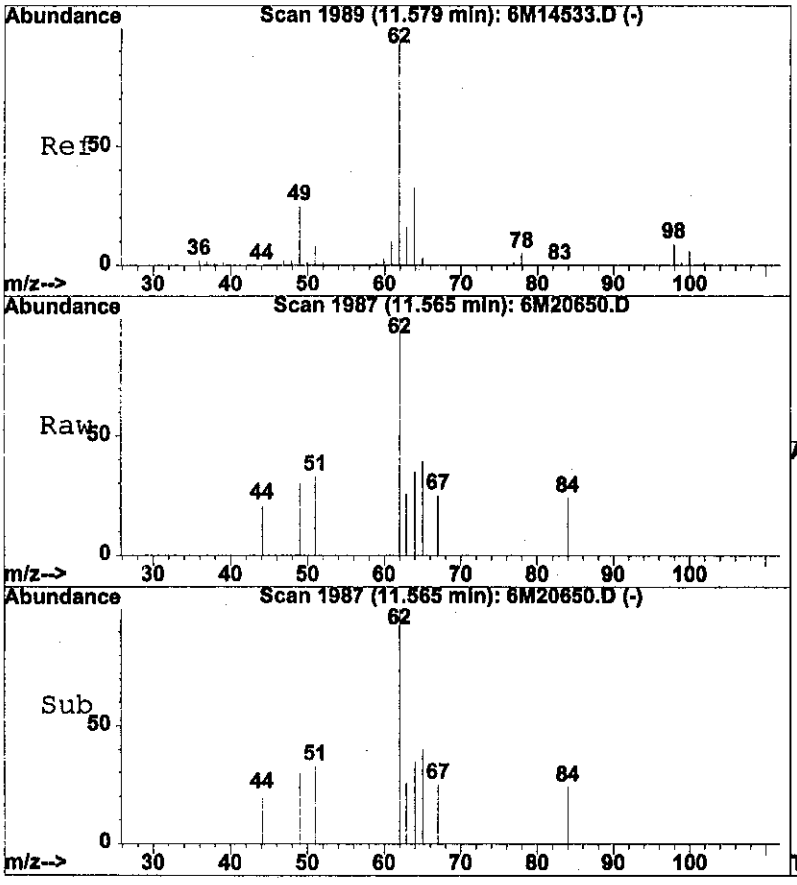


#30
Cyclohexane
Concen: 0.35 ug/kg
RT: 11.04 min Scan# 1887
Delta R.T. -0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 56 Resp: 8405

Ion	Ratio	Lower	Upper
56	100		
84	115.9	64.1	96.1#
41	0.0	52.9	79.3#

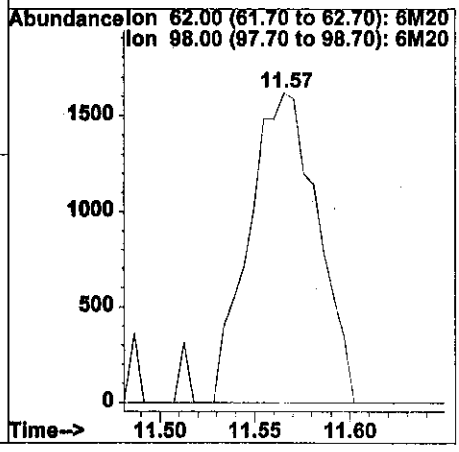


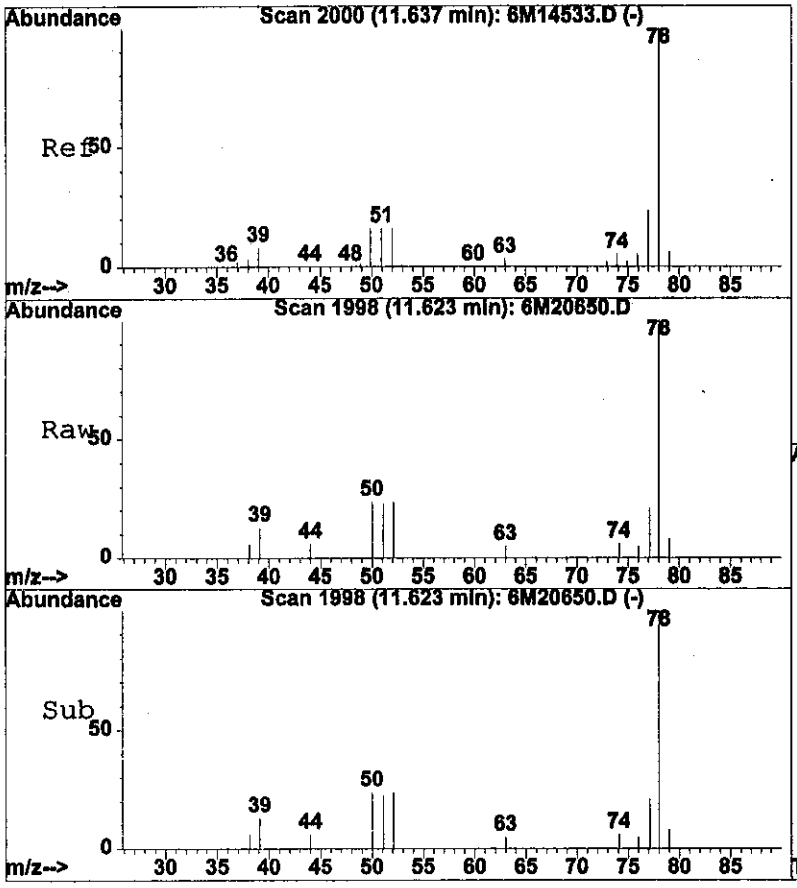


#34
1,2-Dichloroethane
Concen: 0.23 ug/kg
RT: 11.57 min Scan# 1987
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 62 Resp: 4060

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

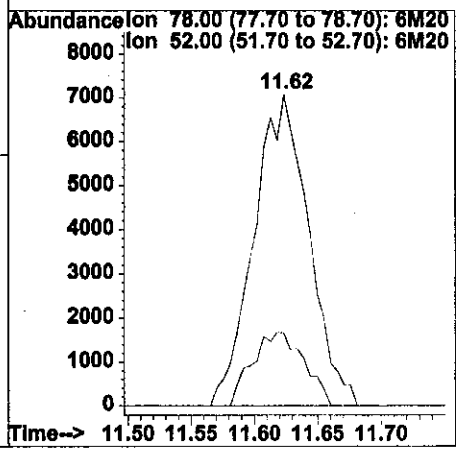


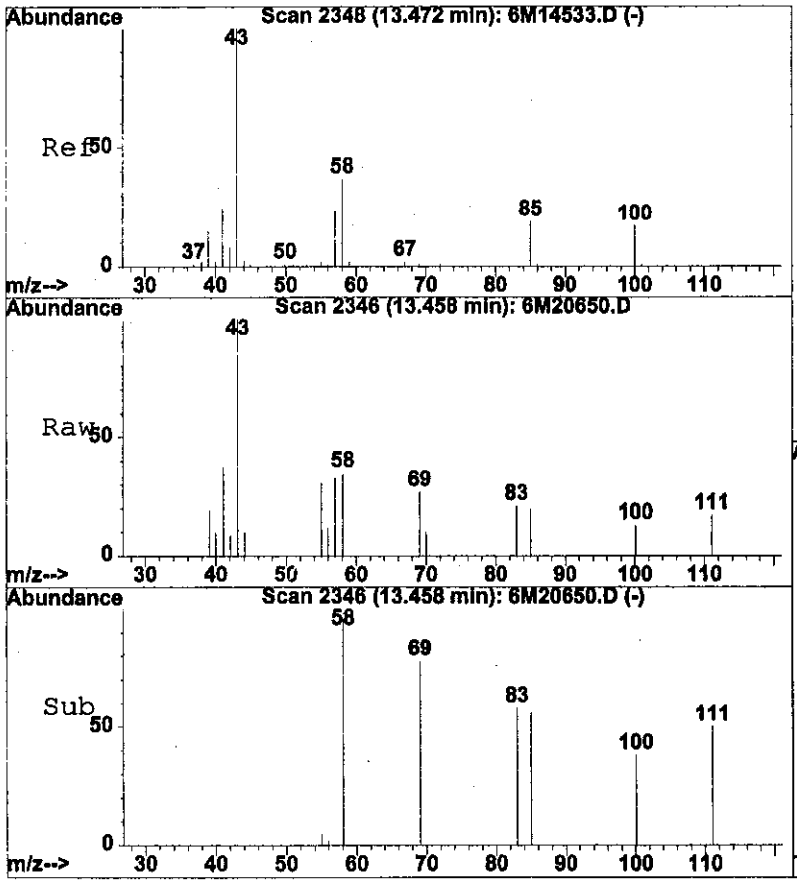


#35
Benzene
Concen: 0.58 ug/kg
RT: 11.62 min Scan# 1998
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 78 Resp: 21246

Ion	Ratio	Lower	Upper
78	100		
52	22.4	14.2	21.4#

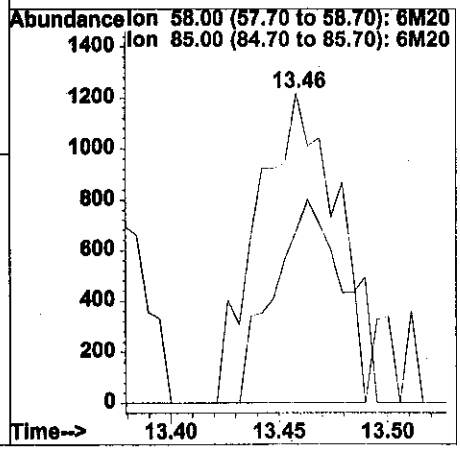


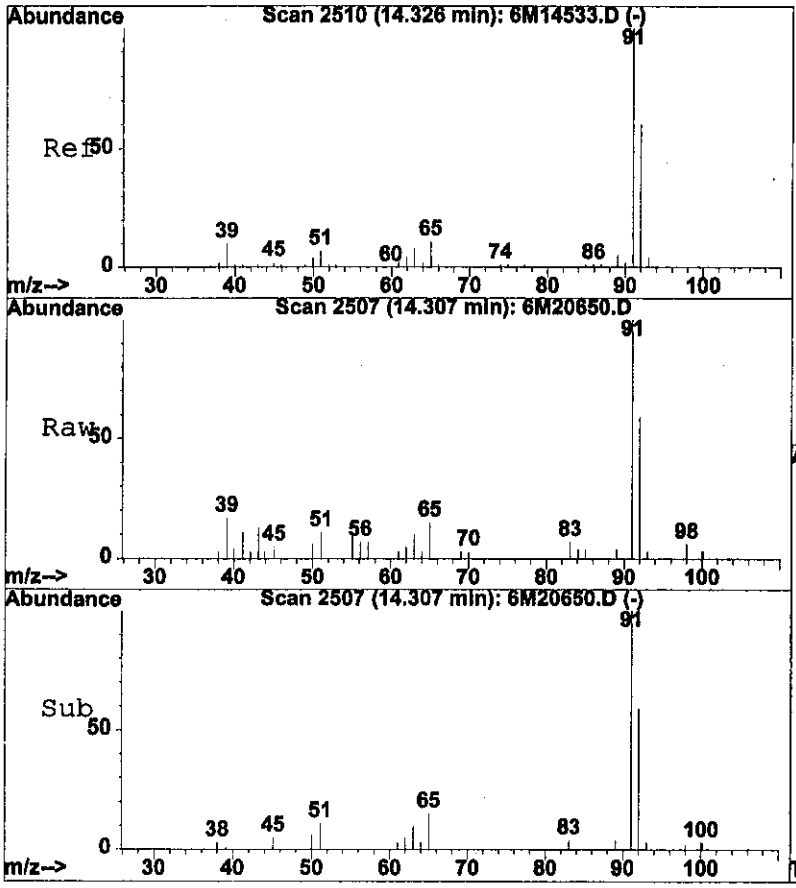


#41
4-Methyl-2-Pentanone
Concen: 0.74 ug/kg
RT: 13.46 min Scan# 2346
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 58 Resp: 3016

Ion	Ratio	Lower	Upper
58	100		
85	61.1	32.2	48.2#

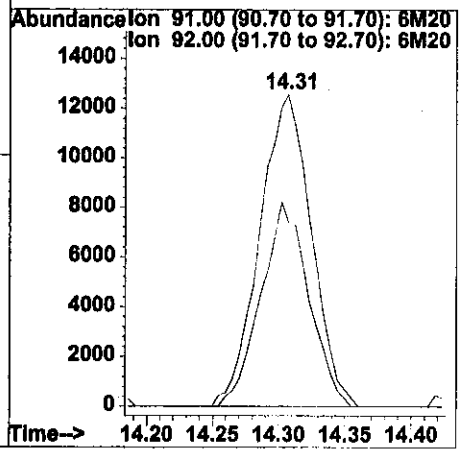


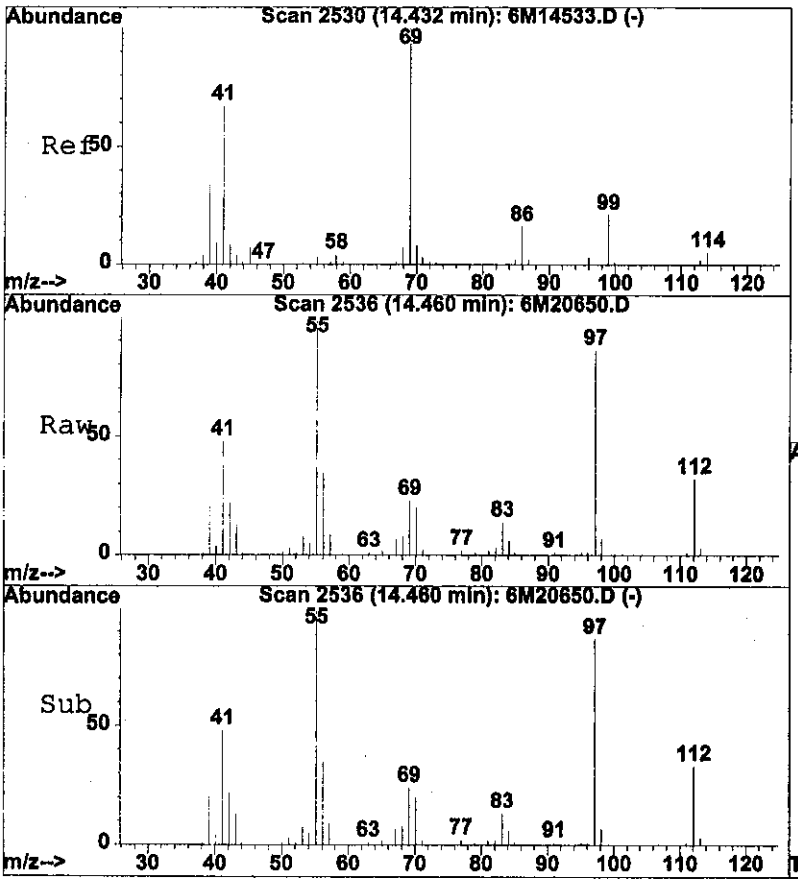


#46
Toluene
Concen: 0.83 ug/kg
RT: 14.31 min Scan# 2507
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 91 Resp: 34072

Ion	Ratio	Lower	Upper
91	100		
92	60.5	46.6	69.8

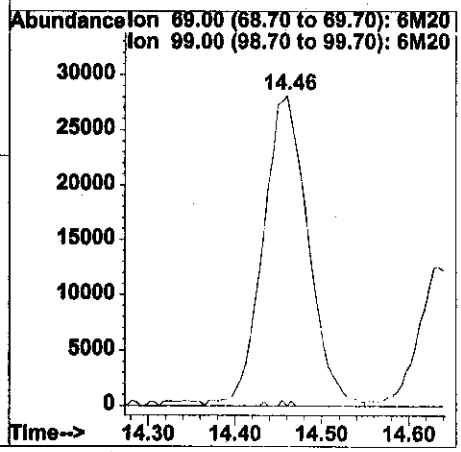


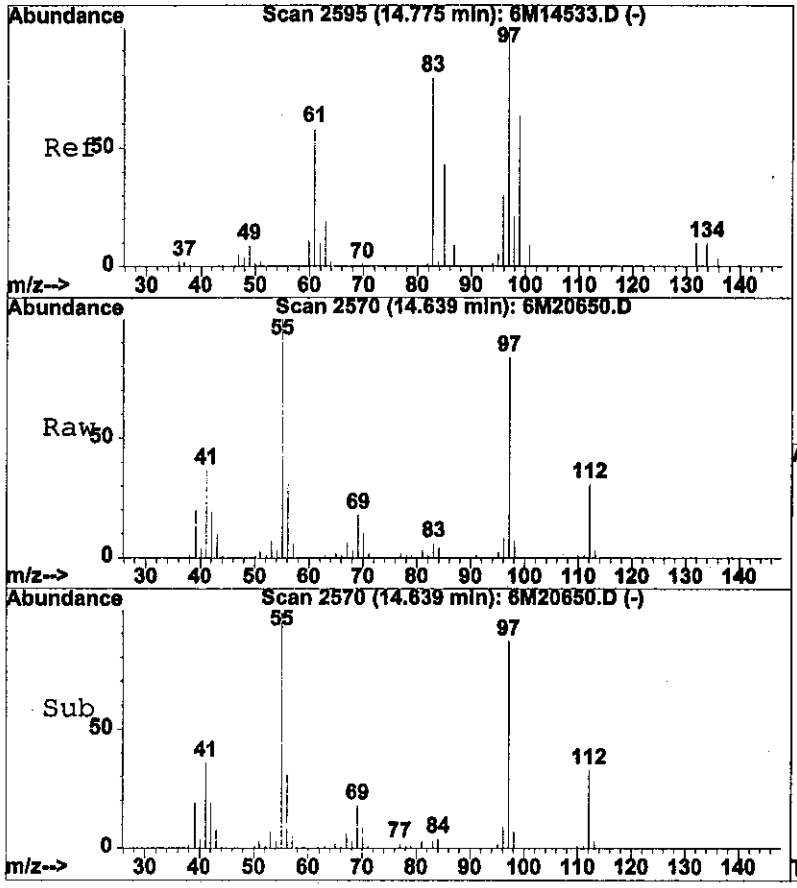


#47
Ethyl Methacrylate
Concen: 9.36 ug/kg
RT: 14.46 min Scan# 2536
Delta R.T. 0.04 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 69 Resp: 101100

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

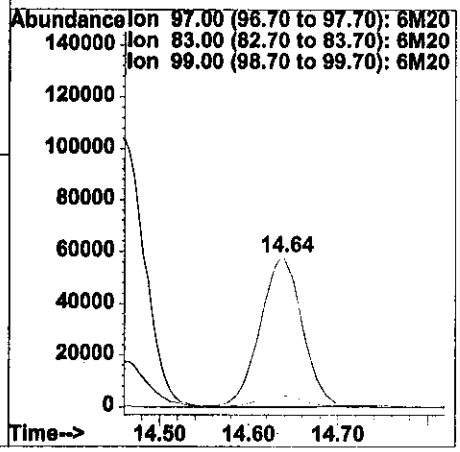


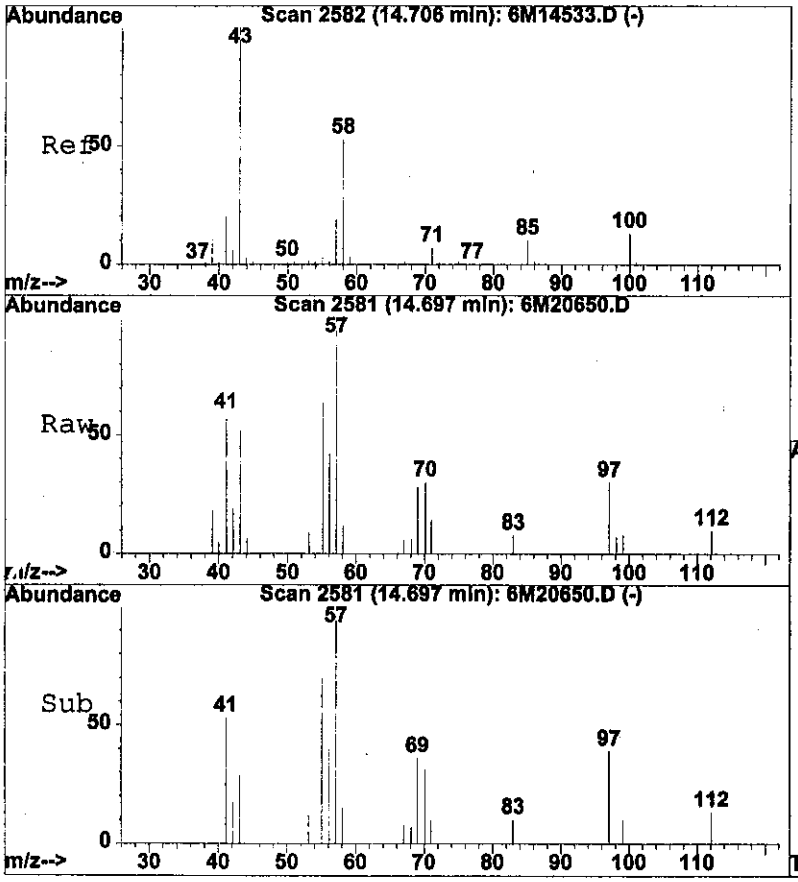


#49
1,1,2-Trichloroethane
Concen: 23.10 ug/kg
RT: 14.64 min Scan# 2570
Delta R.T. -0.11 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 97 Resp: 188422

Ion	Ratio	Lower	Upper
97	100		
83	8.5	70.5	105.7#
99	0.0	49.8	74.6#

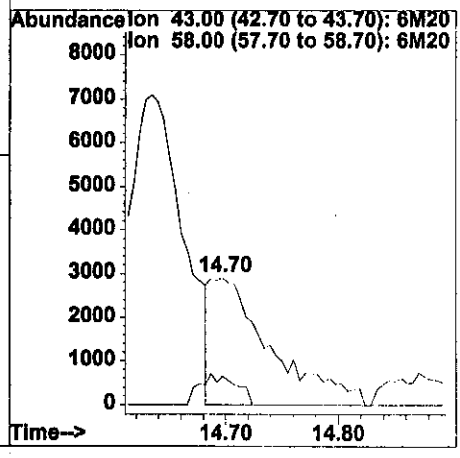


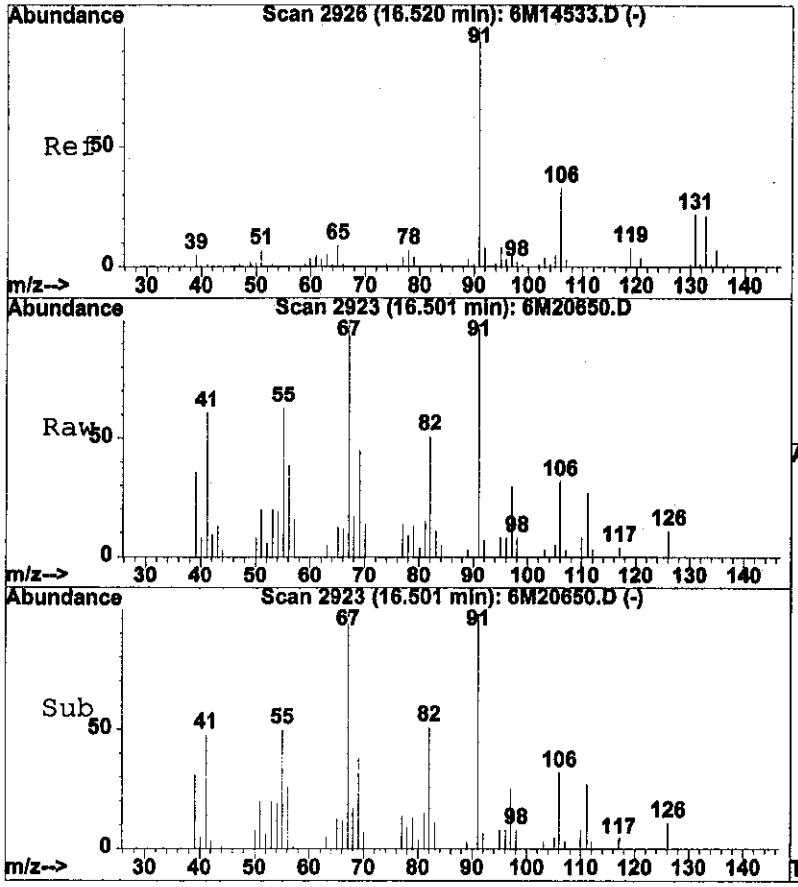


#50
2-Hexanone
Concen: 1.05 ug/kg
RT: 14.70 min Scan# 2581
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 43 Resp: 10867

Ion	Ratio	Lower	Upper
43	100		
58	14.5	5.5	8.3#

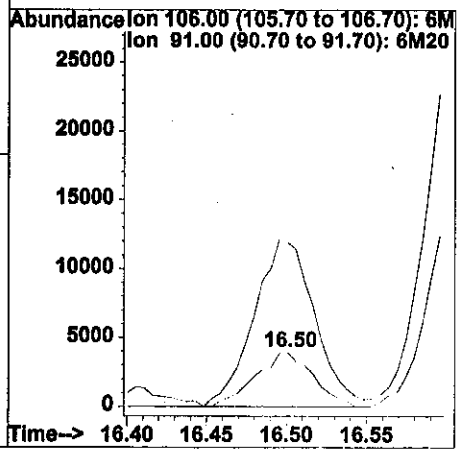


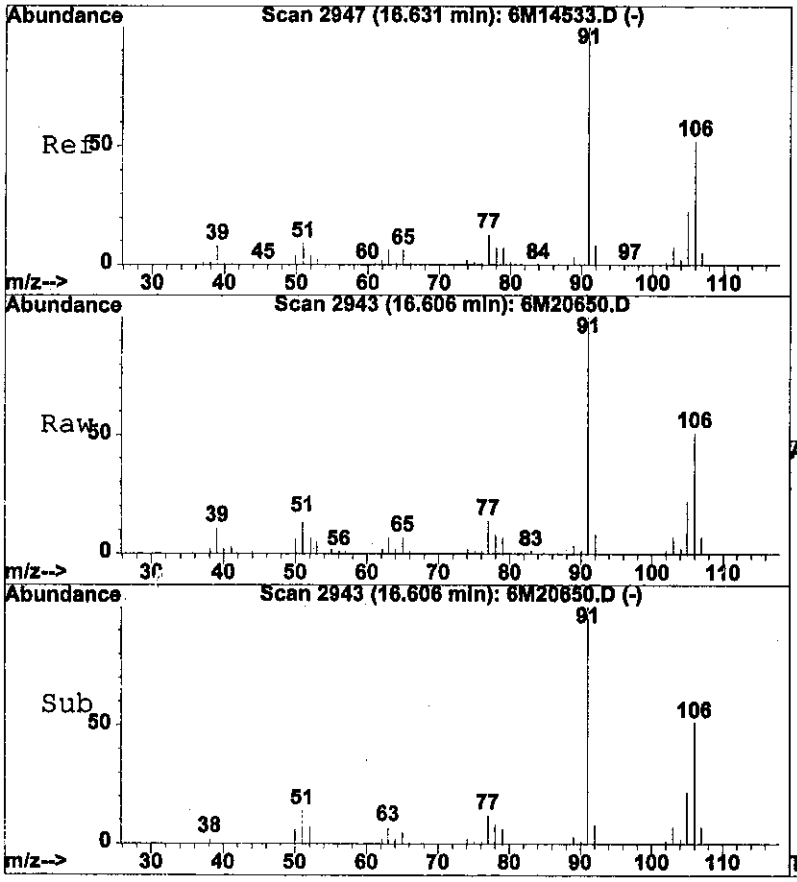


#58
Ethylbenzene
Concen: 0.62 ug/kg
RT: 16.50 min Scan# 2923
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:106 Resp: 9775

Ion	Ratio	Lower	Upper
106	100		
91	325.8	259.6	389.4

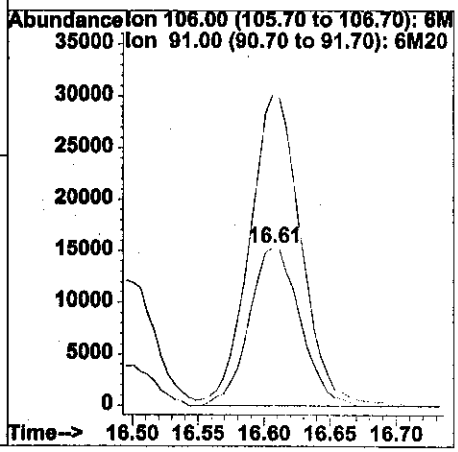


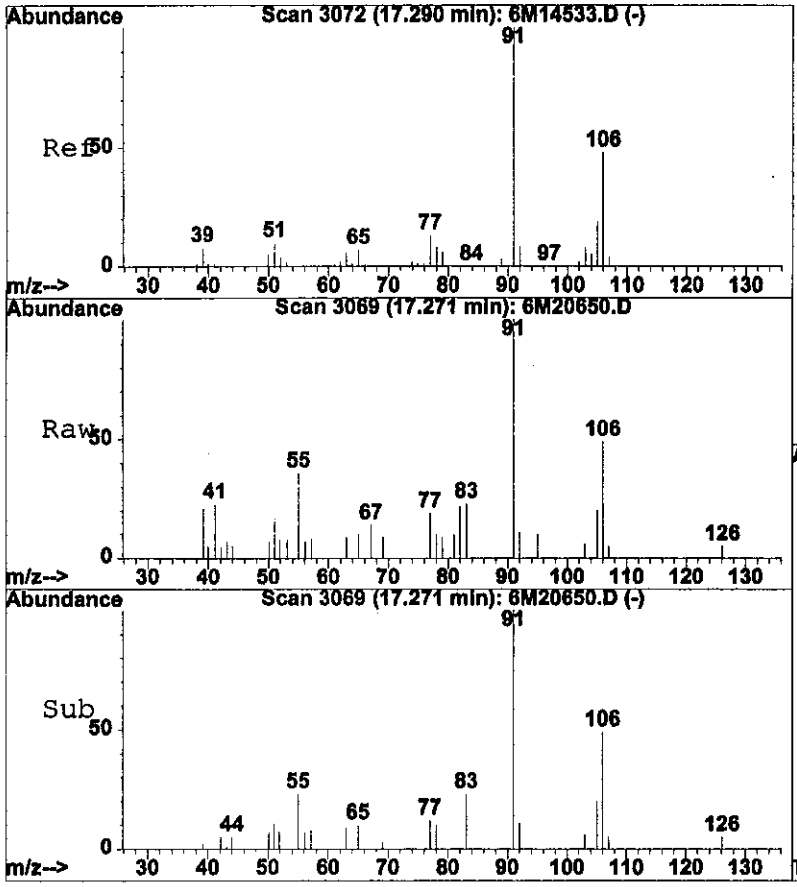


#59
m-,p-Xylene
Concen: 2.06 ug/kg
RT: 16.61 min Scan# 2943
Delta R.T. -0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:106 Resp: 40927

Ion	Ratio	Lower	Upper
106	100		
91	199.8	165.9	248.9

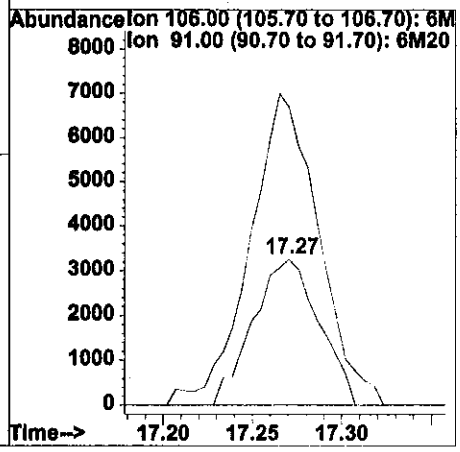


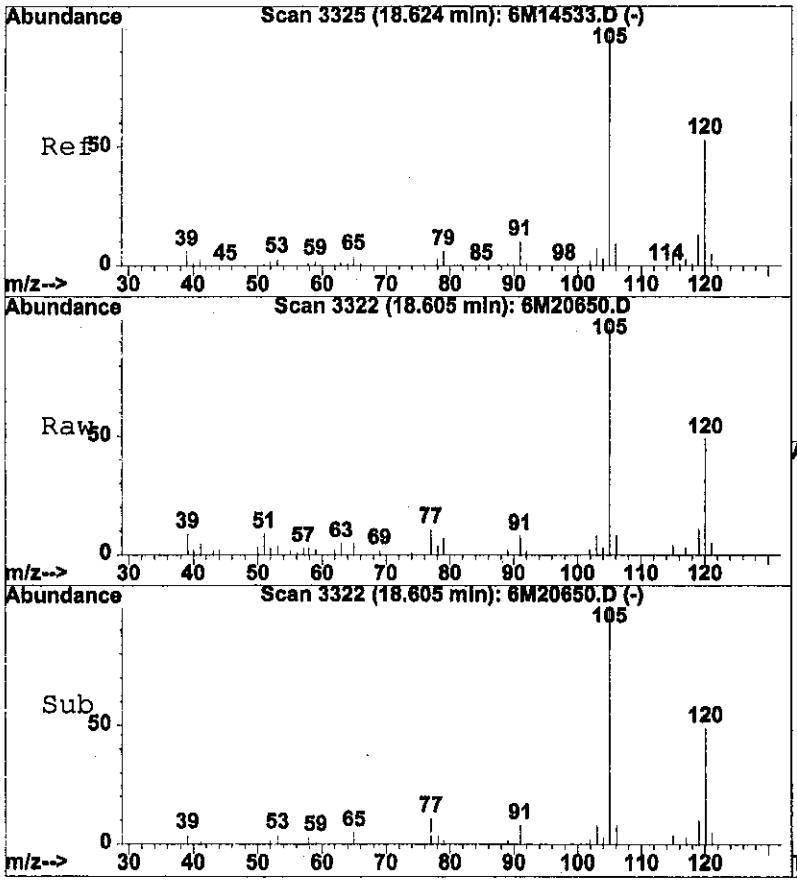


#60
o-Xylene
Concen: 0.44 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:106 Resp: 8353

Ion	Ratio	Lower	Upper
106	100		
91	223.6	174.6	262.0

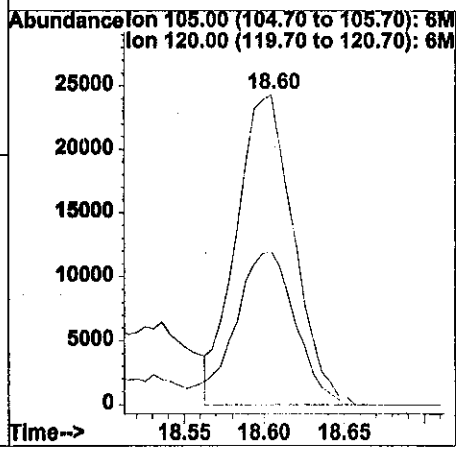


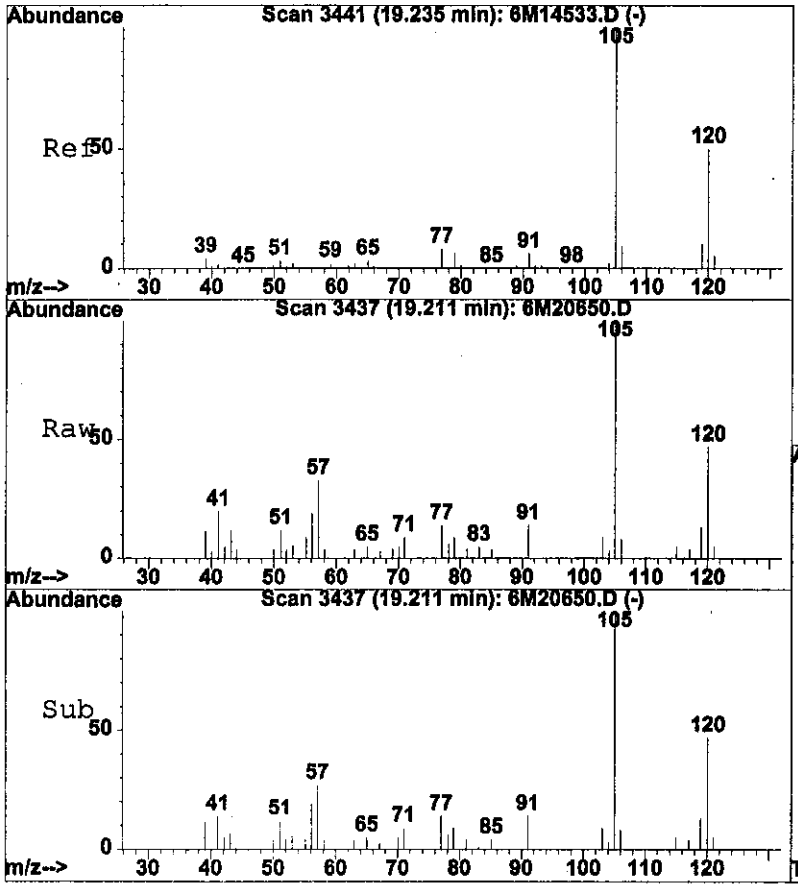


#71
1,3,5-Trimethylbenzene
Concen: 1.49 ug/kg
RT: 18.60 min Scan# 3322
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:105 Resp: 60741

Ion	Ratio	Lower	Upper
105	100		
120	51.8	38.2	57.4

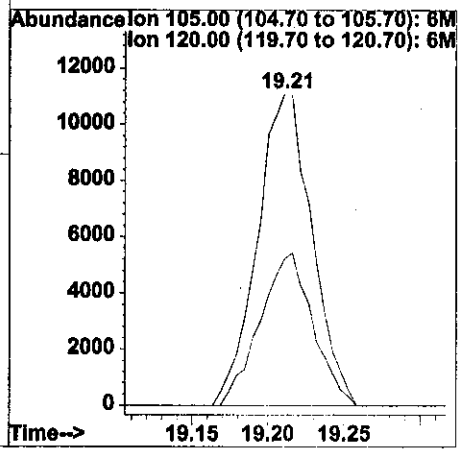


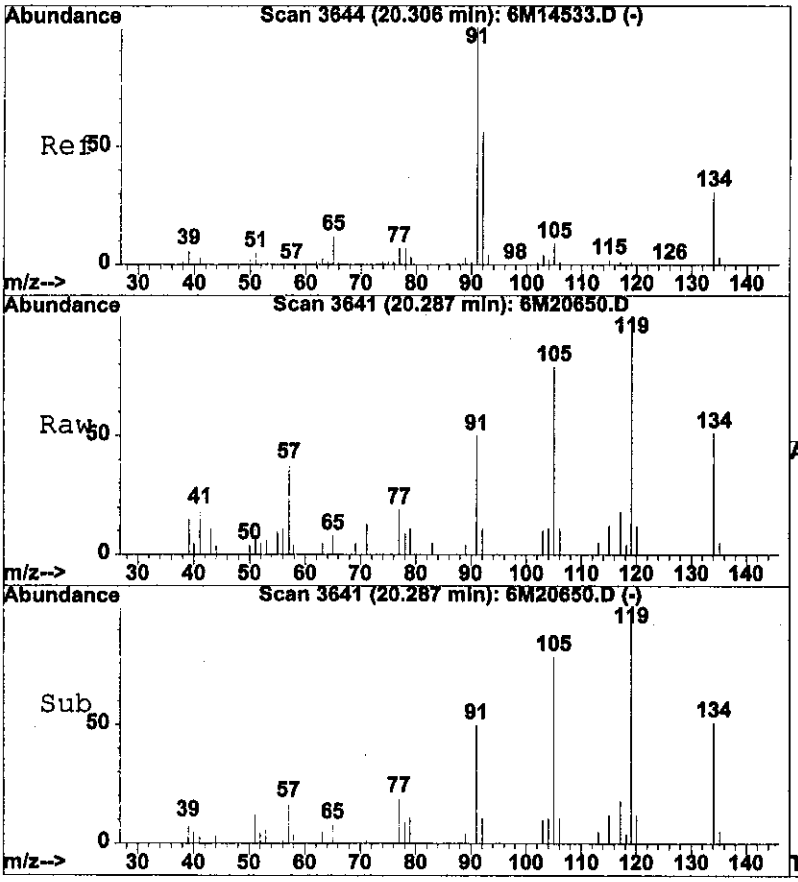


#76
1,2,4-Trimethylbenzene
Concen: 0.65 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:105 Resp: 27634

Ion	Ratio	Lower	Upper
105	100		
120	47.2	35.9	53.9

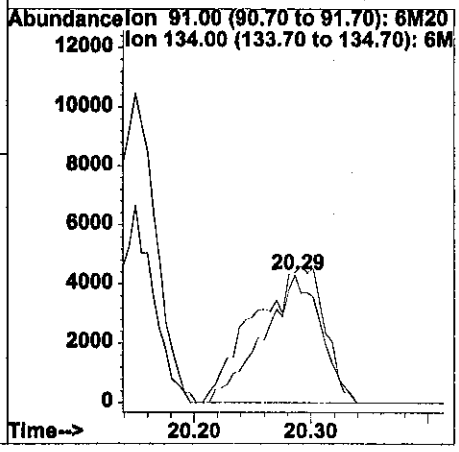


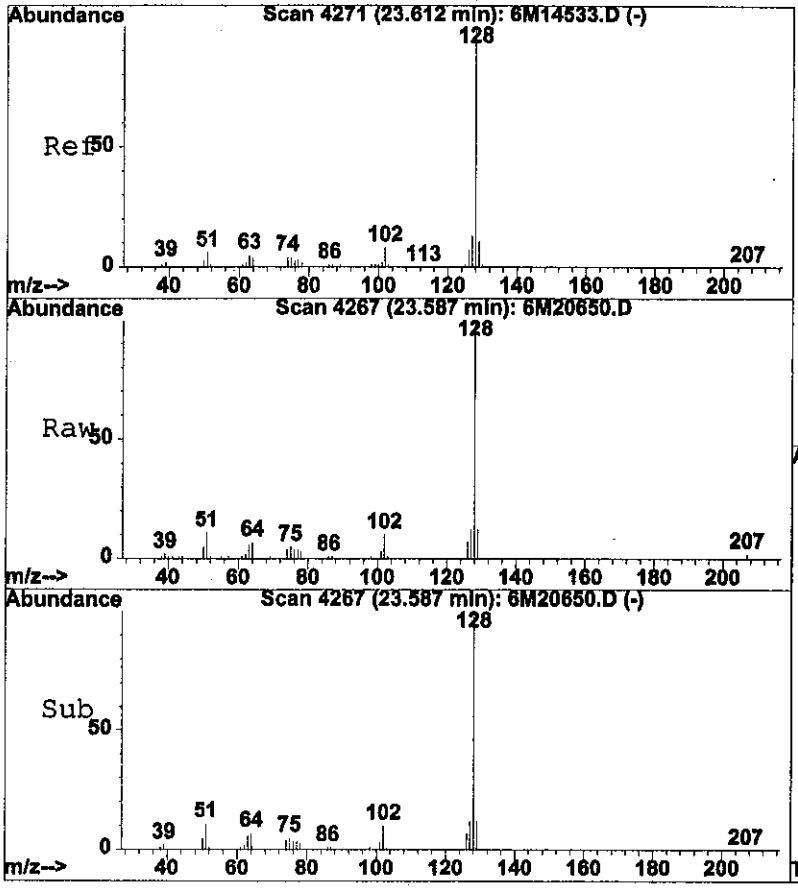


#81
n-Butylbenzene
Concen: 0.34 ug/kg
RT: 20.29 min Scan# 3641
Delta R.T. 0.01 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion: 91 Resp: 14694

Ion	Ratio	Lower	Upper
91	100		
134	131.2	19.5	29.3#

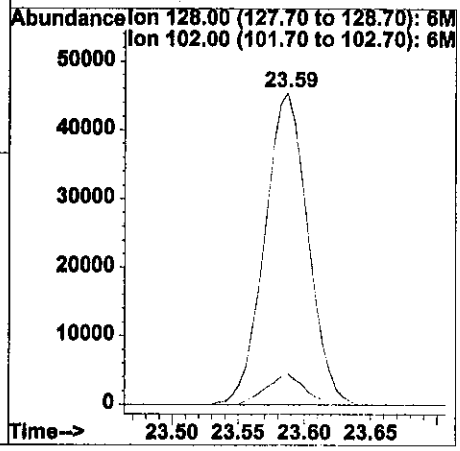




#86
Naphthalene
Concen: 2.74 ug/kg
RT: 23.59 min Scan# 4267
Delta R.T. -0.00 min
Lab File: 6M20650.D
Acq: 19 Jun 2000 14:35

Tgt Ion:128 Resp: 103263

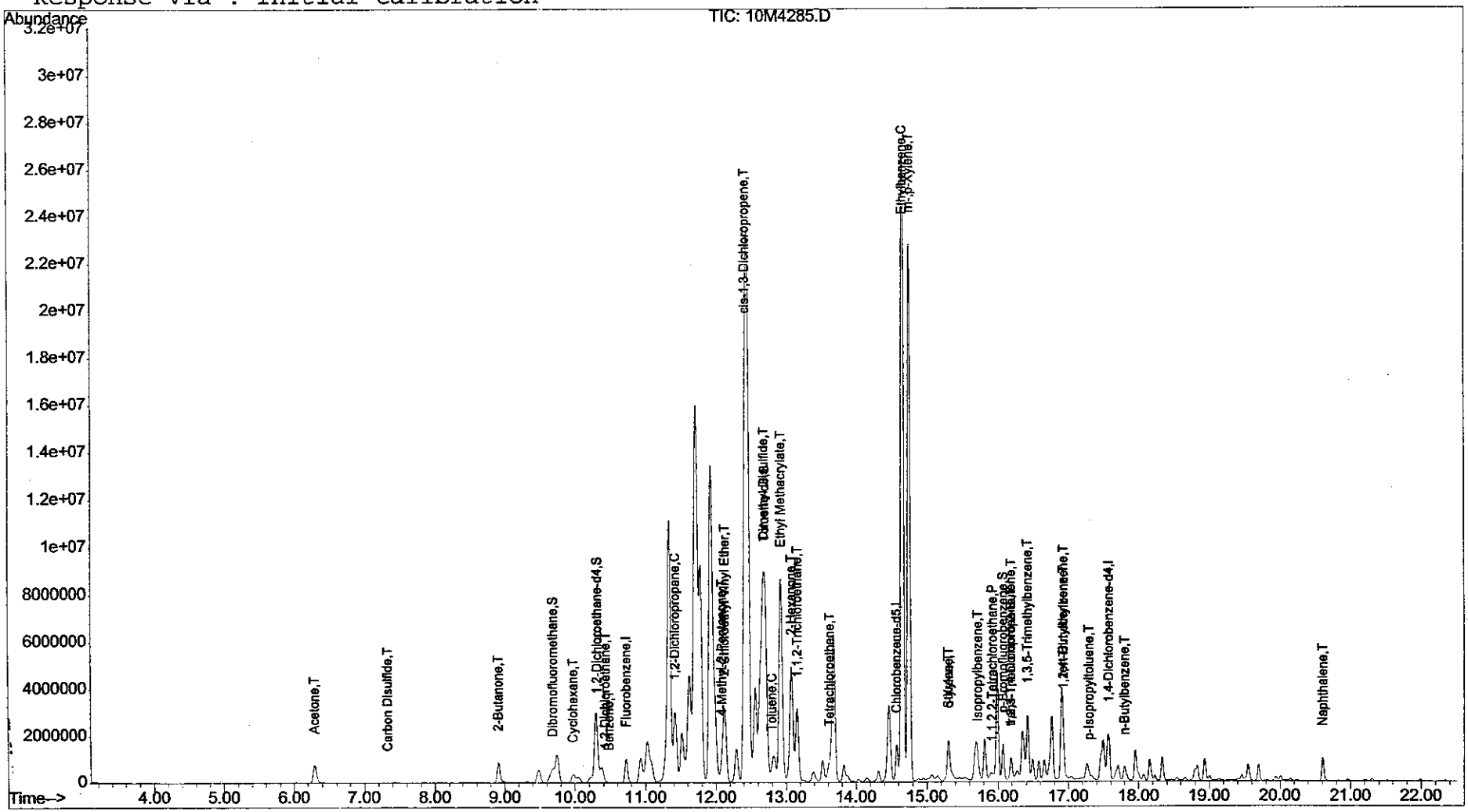
Ion	Ratio	Lower	Upper
128	100		
102	8.7	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4285.D Vial: 21
Acq On : 20 Jun 2000 19:31 Operator: MES
Sample : L0006193-05 398-PPG-TANK ITCORPOH Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 19:54 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4285.D Vial: 21
Acq On : 20 Jun 2000 19:31 Operator: MES
Sample : L0006193-05 398-PPG-TANK ITCORPOH Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 19:54 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	958231	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	765891	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	414155	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.69	111	332568	24.50	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.00%			
33) 1,2-Dichloroethane-d4	10.32	65	473638	26.16	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 104.64%			
45) Toluene-d8	12.70	98	1807343	33.30	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 133.20%#			
66) p-Bromofluorobenzene	16.07	95	615361	27.52	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.08%			
Target Compounds						Qvalue
11) Acetone	6.29	43	1777637	742.36	ug/L NTC	92
16) Carbon Disulfide	7.33	76	8386	0.20	ug/L #	74
23) 2-Butanone	8.91	43	1667756	486.65	ug/L I	97
30) Cyclohexane	9.98	56	347749	11.67	ug/L #	78
34) 1,2-Dichloroethane	10.43	62	2994	0.13	ug/L #	1
35) Benzene	10.48	78	12780	0.23	ug/L J	99
37) 1,2-Dichloropropane	11.42	63	11343	0.77	ug/L #	36
40) 2-Chloroethyl Vinyl Ether	12.12	63	20537	3.24	ug/L #	52
41) 4-Methyl-2-Pentanone	12.08	58	66545	23.94	ug/L #	1
42) cis-1,3-Dichloropropene	12.41	75	9981	0.49	ug/L #	1
43) Dimethyl Disulfide	12.67	79	234850	18.40	ug/L #	1
46) Toluene	12.79	91	255170	3.96	ug/L J	98
47) Ethyl Methacrylate	12.91	69	1440564	112.31	ug/L #	1
49) 1,1,2-Trichloroethane	13.16	97	63859	6.81	ug/L #	1
50) 2-Hexanone	13.07	43	280310	46.56	ug/L #	38
52) Tetrachloroethene	13.61	164	4128	0.34	ug/L	87
58) Ethylbenzene	14.65	106	10877456	457.29	ug/L # I	1
59) m-,p-Xylene	14.75	106	9748732	338.85	ug/L	84
60) o-Xylene	15.30	106	479651	16.89	ug/L	81
61) Styrene	15.30	104	35114	0.79	ug/L #	1
63) Isopropylbenzene	15.72	105	35592	0.46	ug/L	93
65) 1,1,2,2-Tetrachloroethane	15.92	83	11838	1.28	ug/L #	73
67) 1,2,3-Trichloropropane	16.19	110	5089	1.71	ug/L #	1
68) trans-1,4-Dichloro-2-Buten	16.19	53	22287	5.04	ug/L #	1
71) 1,3,5-Trimethylbenzene	16.42	105	1855106	31.65	ug/L	92
75) tert-Butylbenzene	16.93	119	66557	1.29	ug/L #	11
76) 1,2,4-Trimethylbenzene	16.93	105	606402	9.25	ug/L	90

(#) = qualifier out of range (m) = manual integration

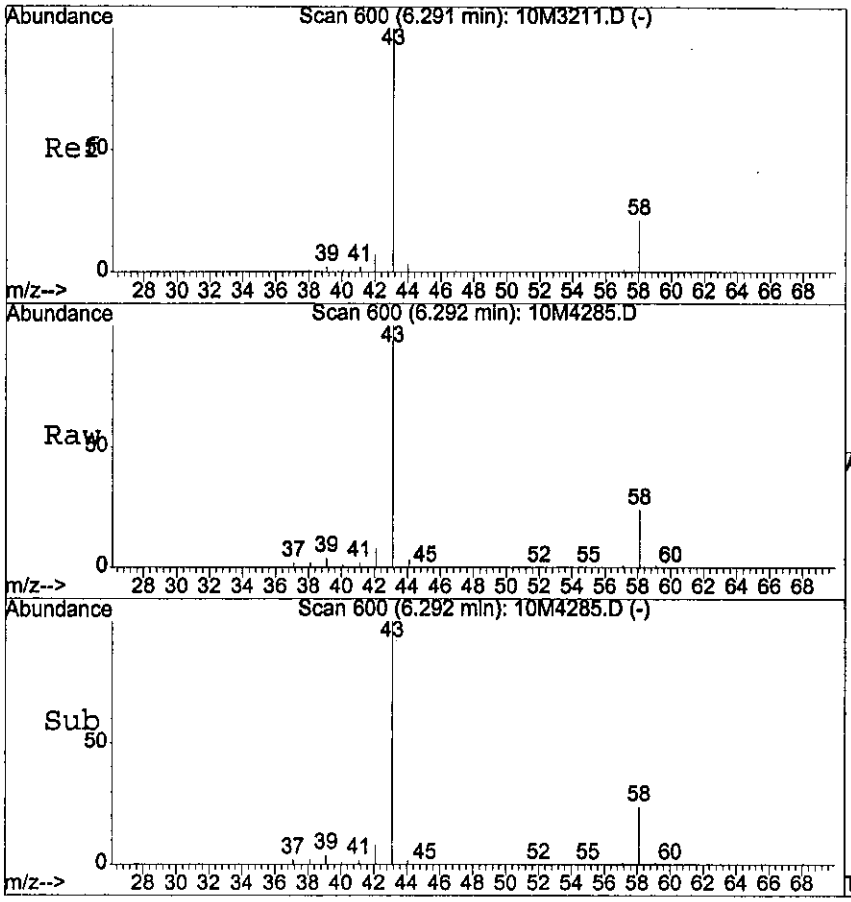
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4285.D Vial: 21
Acq On : 20 Jun 2000 19:31 Operator: MES
Sample : L0006193-05 398-PPG-TANK ITCORPOH Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 19:54 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
78)	p-Isopropyltoluene	17.30	119	29906	0.46	ug/L		94
81)	n-Butylbenzene	17.80	91	121189	2.03	ug/L	#	1
86)	Naphthalene	20.60	128	879467	32.12	ug/L		99

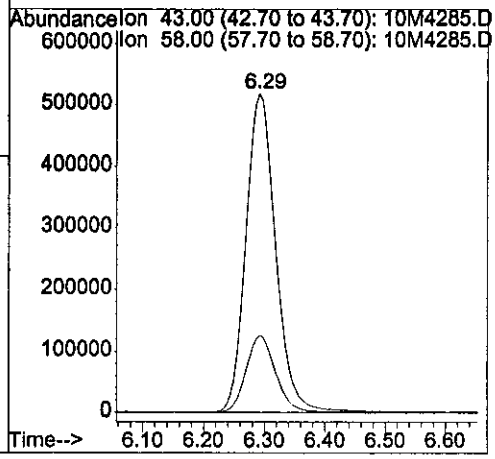
(#) = qualifier out of range (m) = manual integration

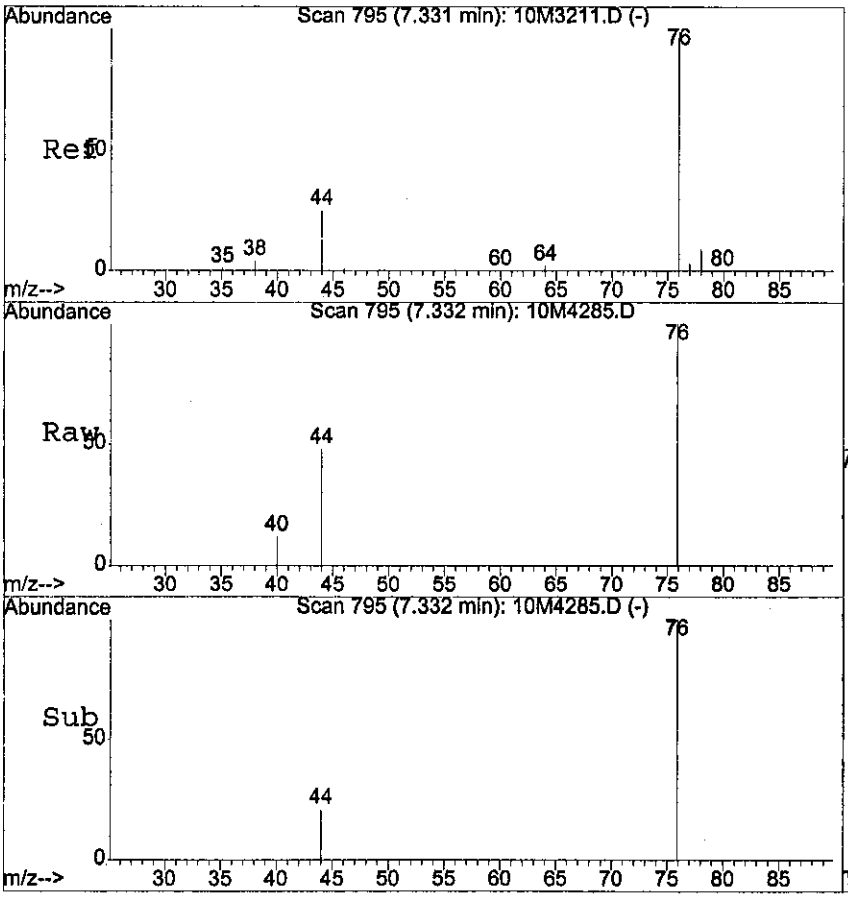


#11
Acetone
Concen: 742.36 ug/L
RT: 6.29 min Scan# 600
Delta R.T. -0.02 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 43 Resp: 1777637

Ion	Ratio	Lower	Upper
43	100		
58	24.0	22.6	34.0

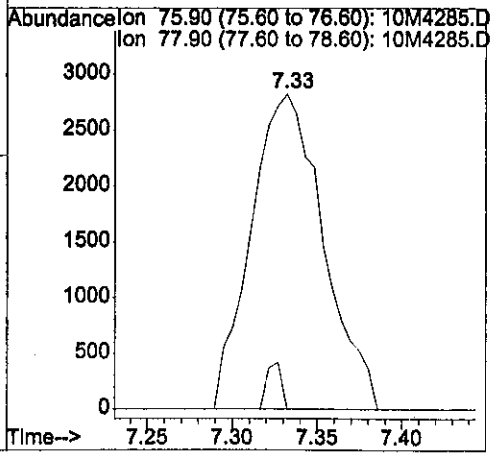


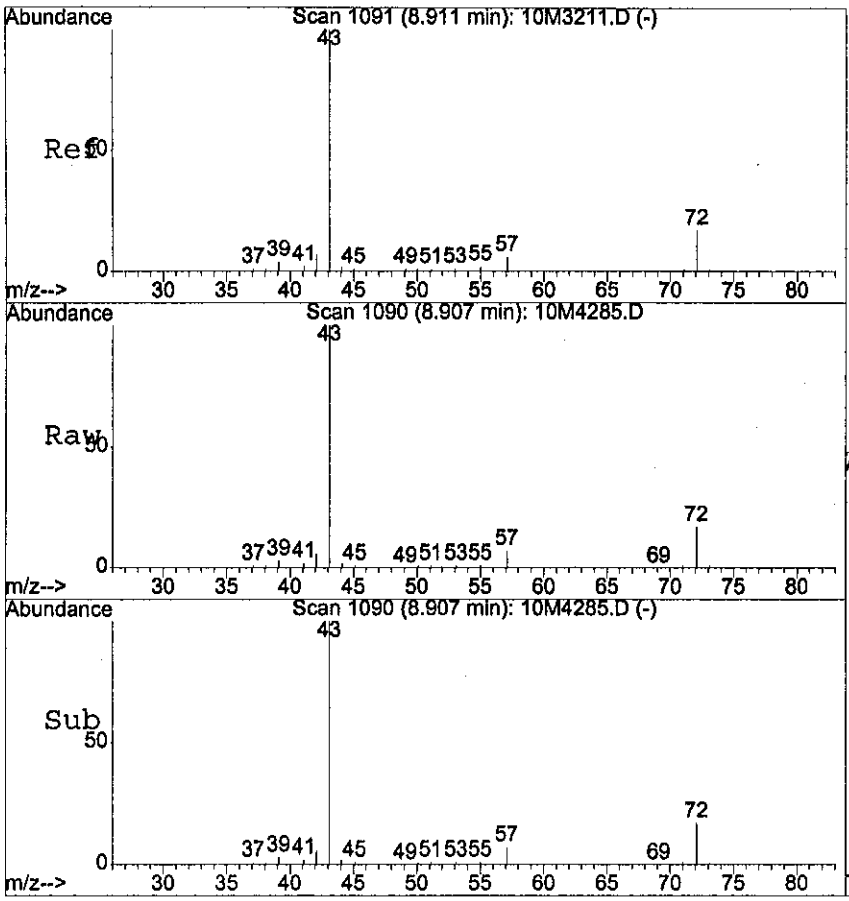


#16
Carbon Disulfide
Concen: 0.20 ug/L
RT: 7.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 76 Resp: 8386

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

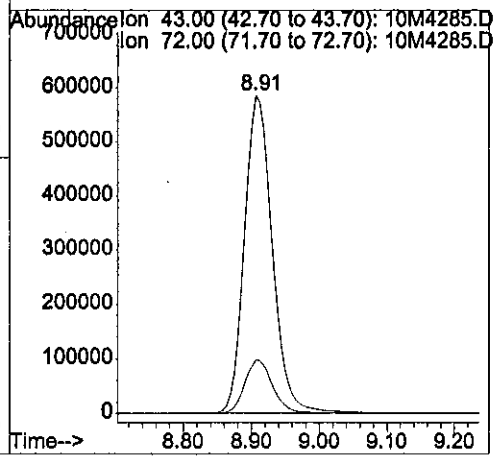


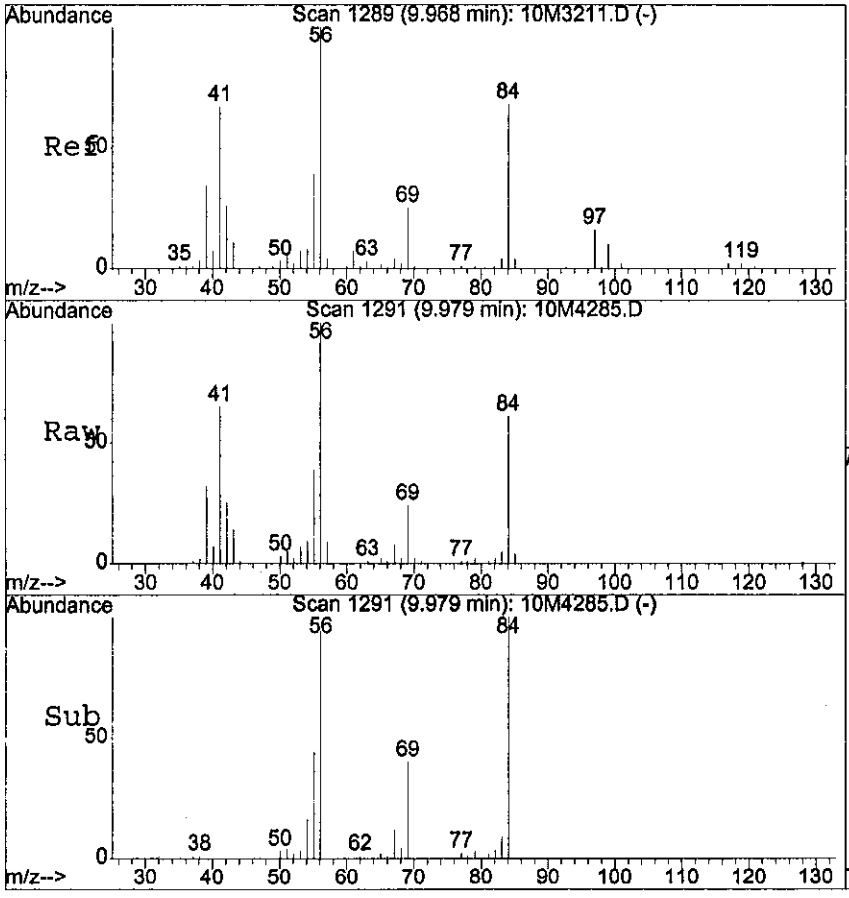


#23
2-Butanone
Concen: 486.65 ug/L
RT: 8.91 min Scan# 1090
Delta R.T. -0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 43 Resp: 1667756

Ion	Ratio	Lower	Upper
43	100		
72	16.6	14.4	21.6

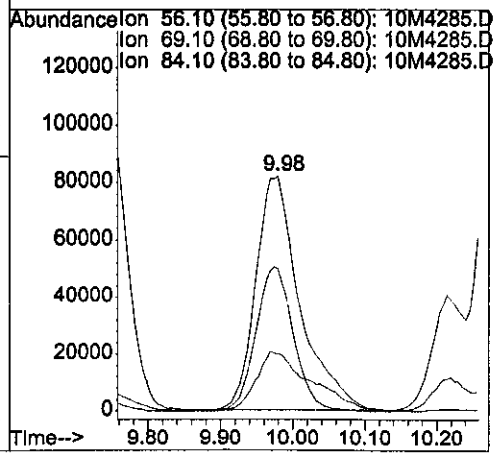


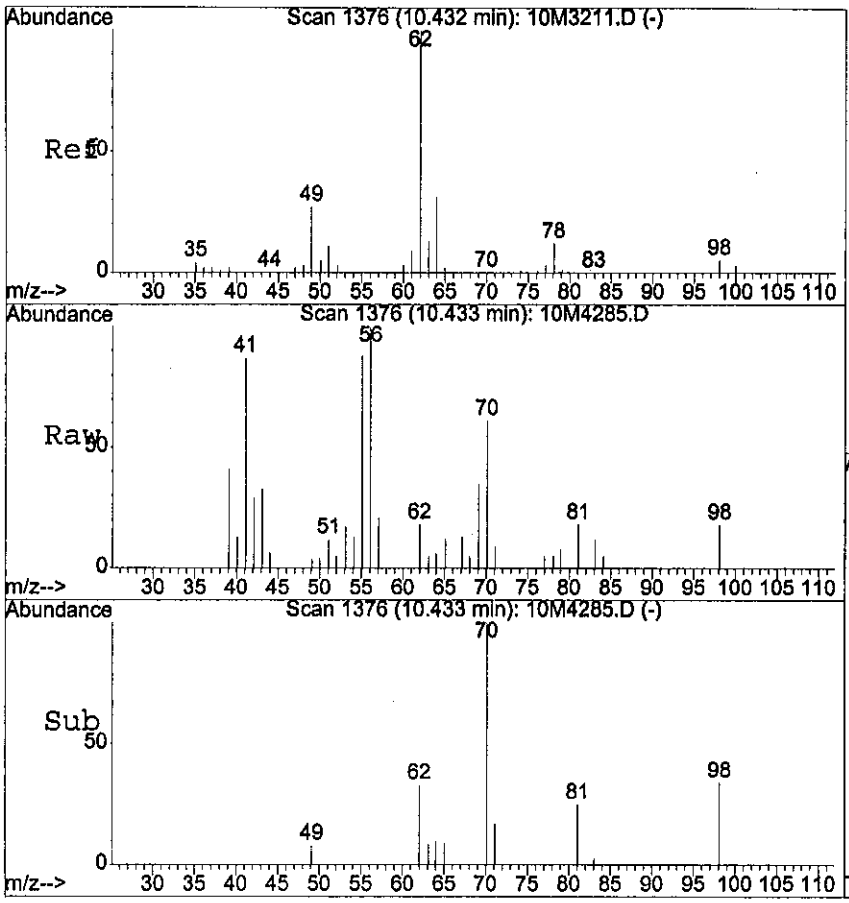


#30
Cyclohexane
Concen: 11.67 ug/L
RT: 9.98 min Scan# 1291
Delta R.T. 0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 56 Resp: 347749

Ion	Ratio	Lower	Upper
56	100		
69	30.9	19.3	28.9#
84	52.3	58.8	88.2#

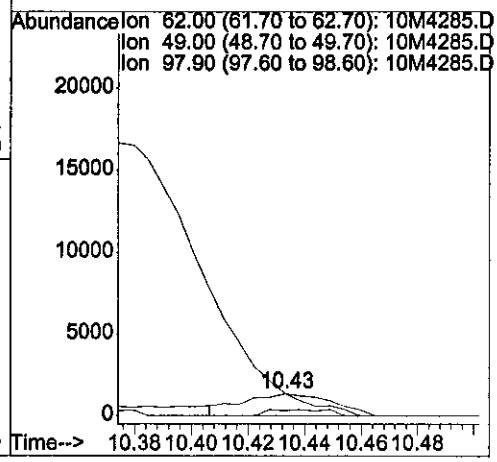


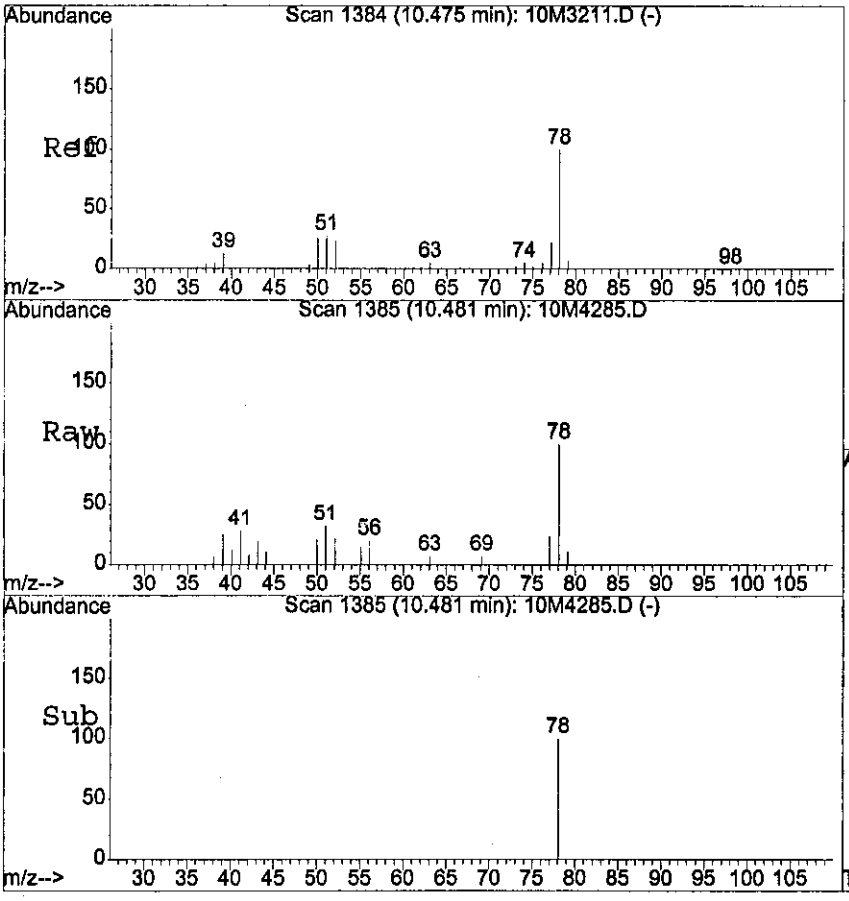


#34
1,2-Dichloroethane
Concen: 0.13 ug/L
RT: 10.43 min Scan# 1376
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 62 Resp: 2994

Ion	Ratio	Lower	Upper
62	100		
49	0.0	28.5	42.7#
98	2026.0	6.2	9.4#

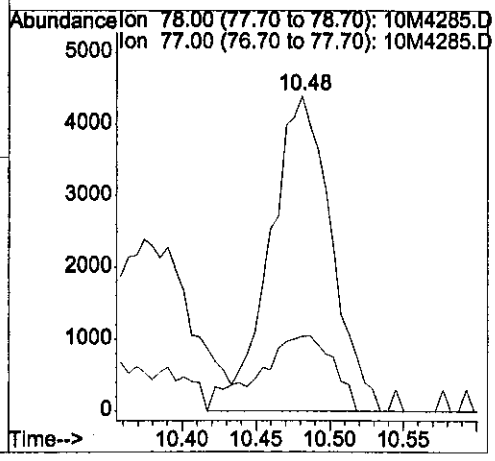


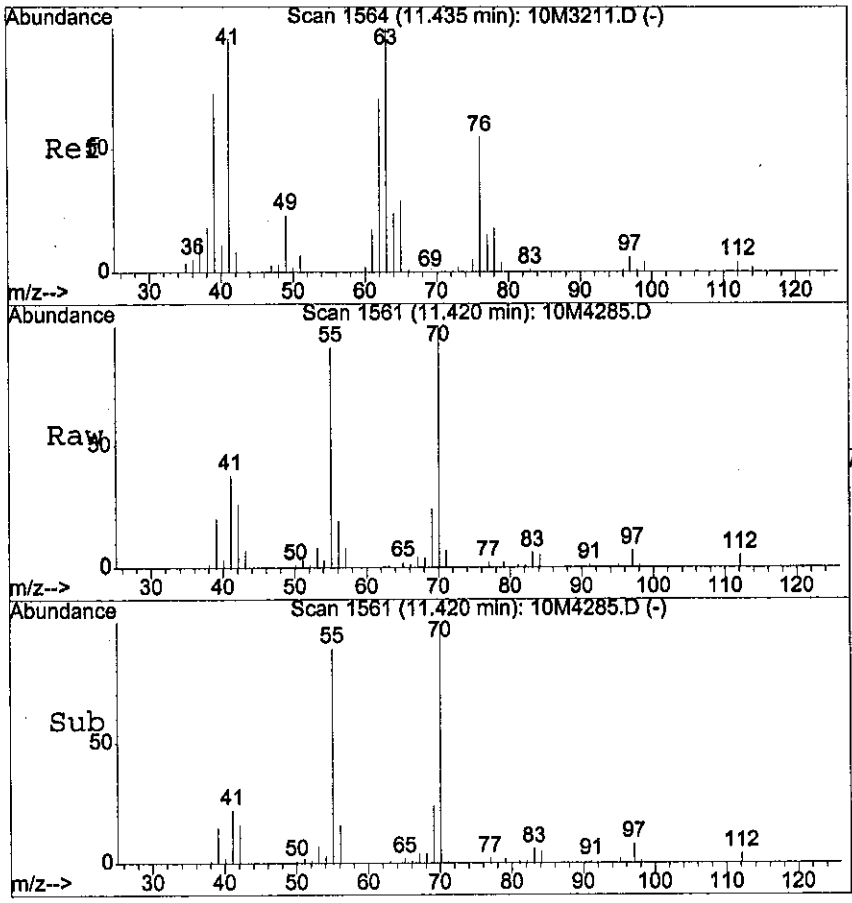


#35
Benzene
Concen: 0.23 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 78 Resp: 12780

Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.3	28.9

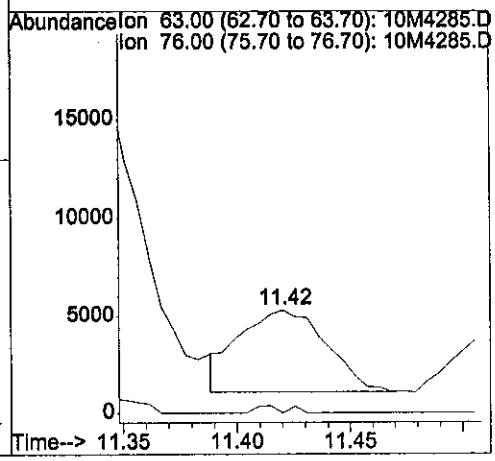


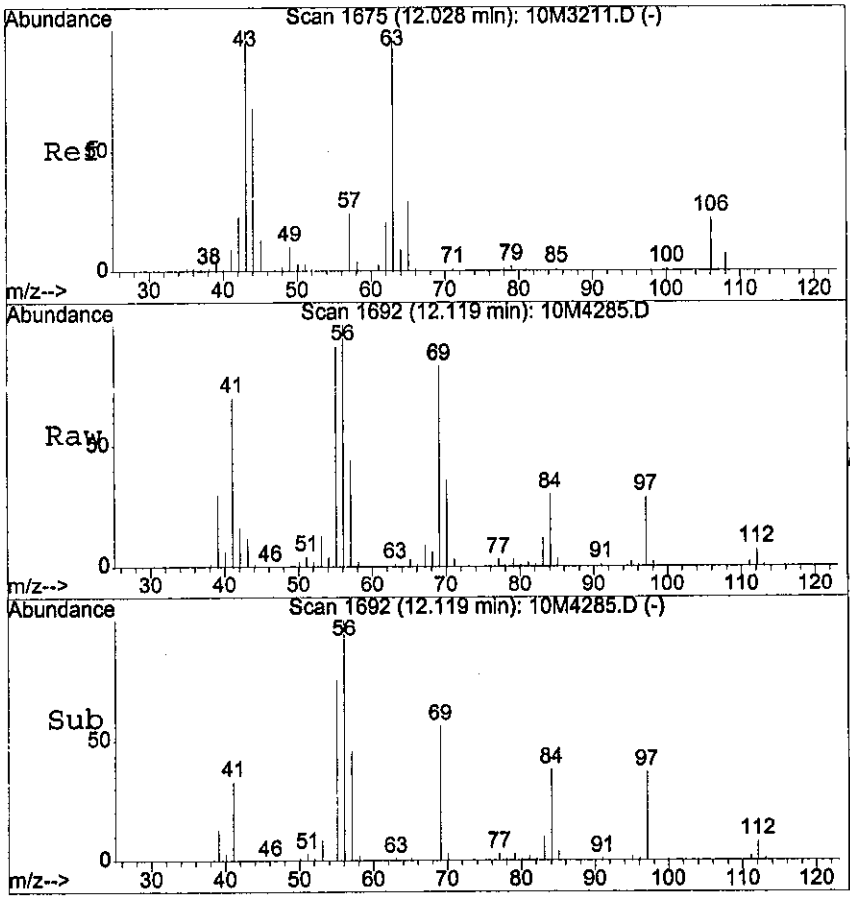


#37
1,2-Dichloropropane
Concen: 0.77 ug/L
RT: 11.42 min Scan# 1561
Delta R.T. -0.02 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 63 Resp: 11343

Ion	Ratio	Lower	Upper
63	100		
76	0.0	31.2	46.8#

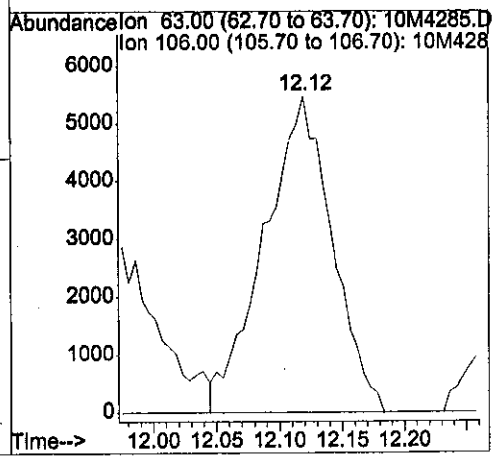


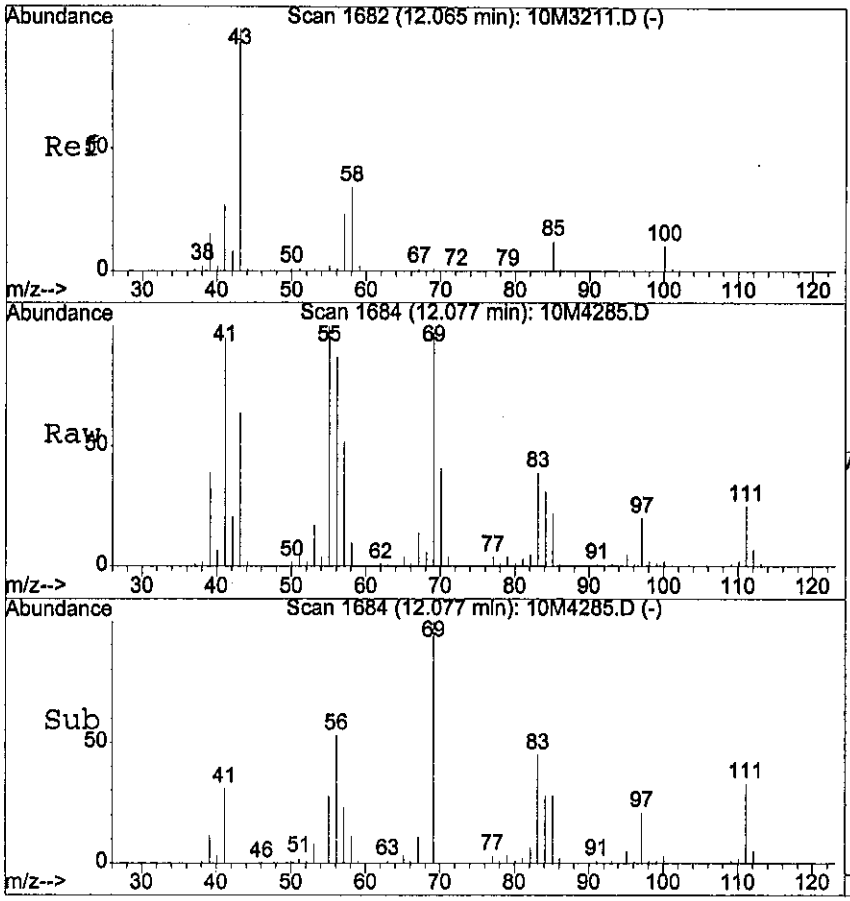


#40
2-Chloroethyl Vinyl Ether
Concen: 3.24 ug/L
RT: 12.12 min Scan# 1692
Delta R.T. 0.09 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 63 Resp: 20537

Ion	Ratio	Lower	Upper
63	100		
106	0.0	18.8	28.2#

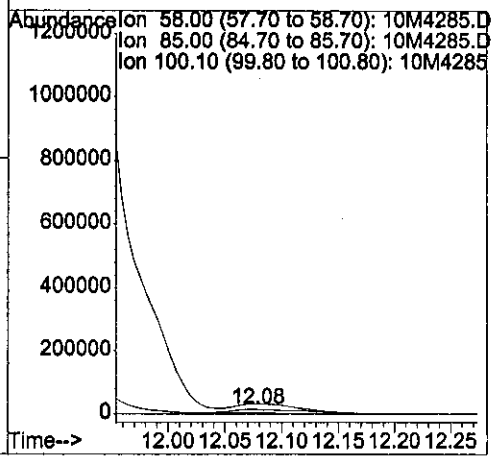


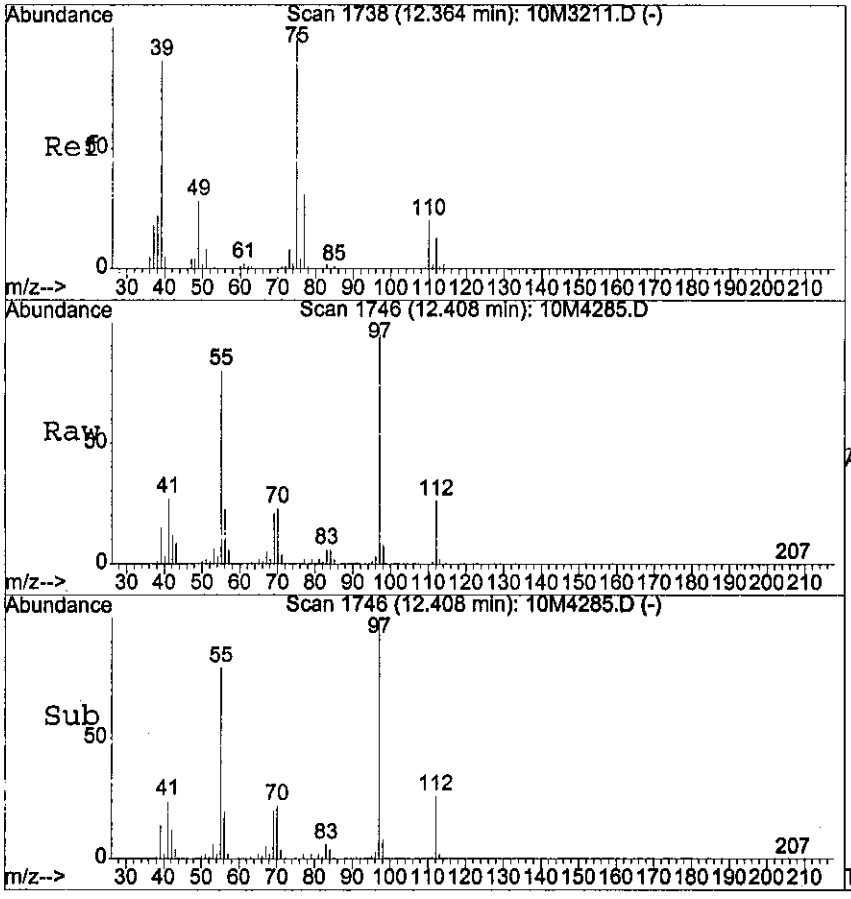


#41
4-Methyl-2-Pentanone
Concen: 23.94 ug/L
RT: 12.08 min Scan# 1684
Delta R.T. 0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 58 Resp: 66545

Ion	Ratio	Lower	Upper
58	100		
85	202.6	28.6	42.8#
100	12.5	27.3	40.9#

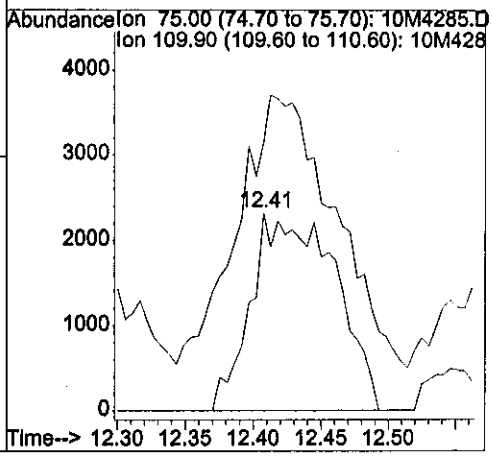


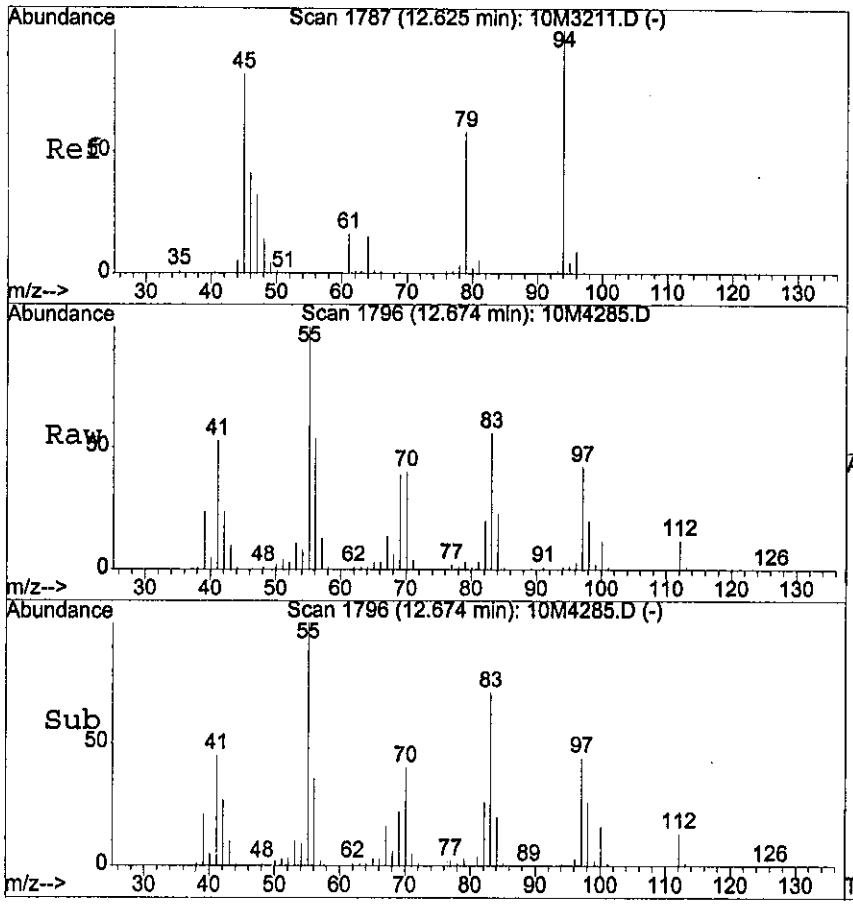


#42
cis-1,3-Dichloropropene
Concen: 0.49 ug/L
RT: 12.41 min Scan# 1746
Delta R.T. 0.04 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 75 Resp: 9981

Ion	Ratio	Lower	Upper
75	100		
110	157.0	18.6	28.0#

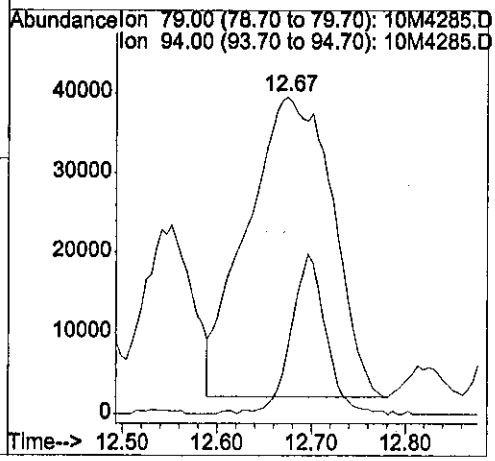


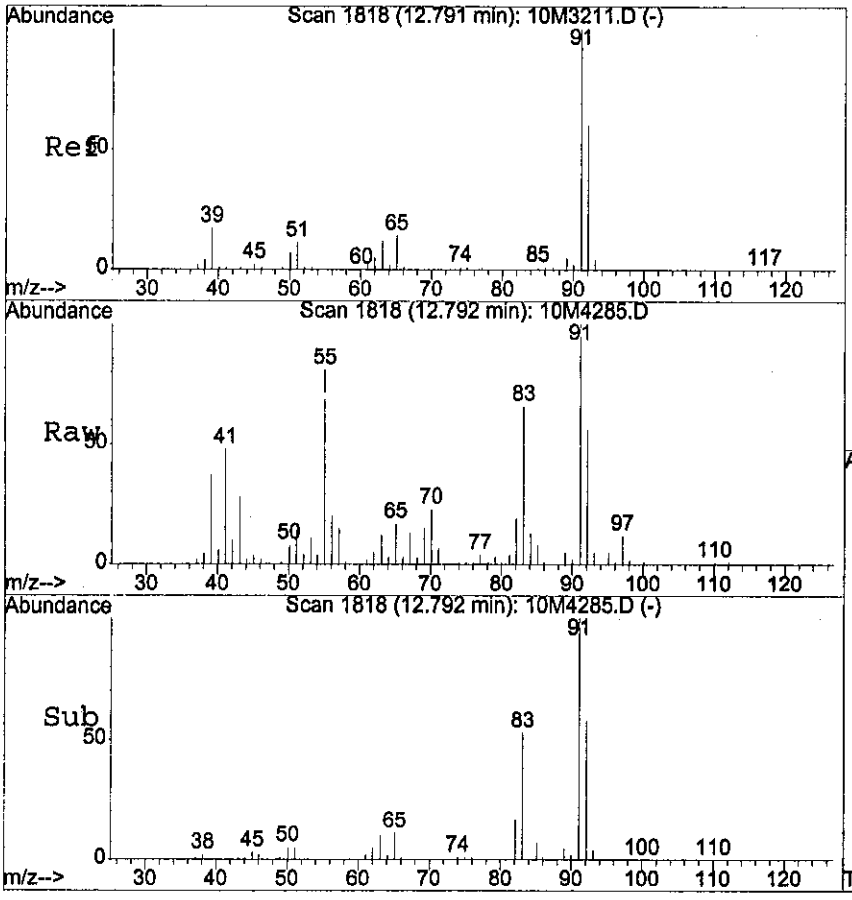


#43
Dimethyl Disulfide
Concen: 18.40 ug/L
RT: 12.67 min Scan# 1796
Delta R.T. 0.04 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 79 Resp: 234850

Ion	Ratio	Lower	Upper
79	100		
94	21.7	174.9	262.3#

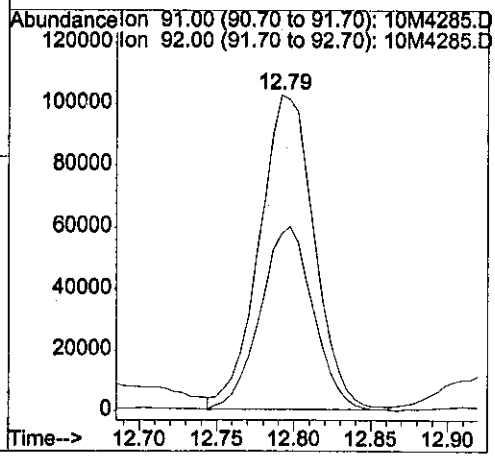


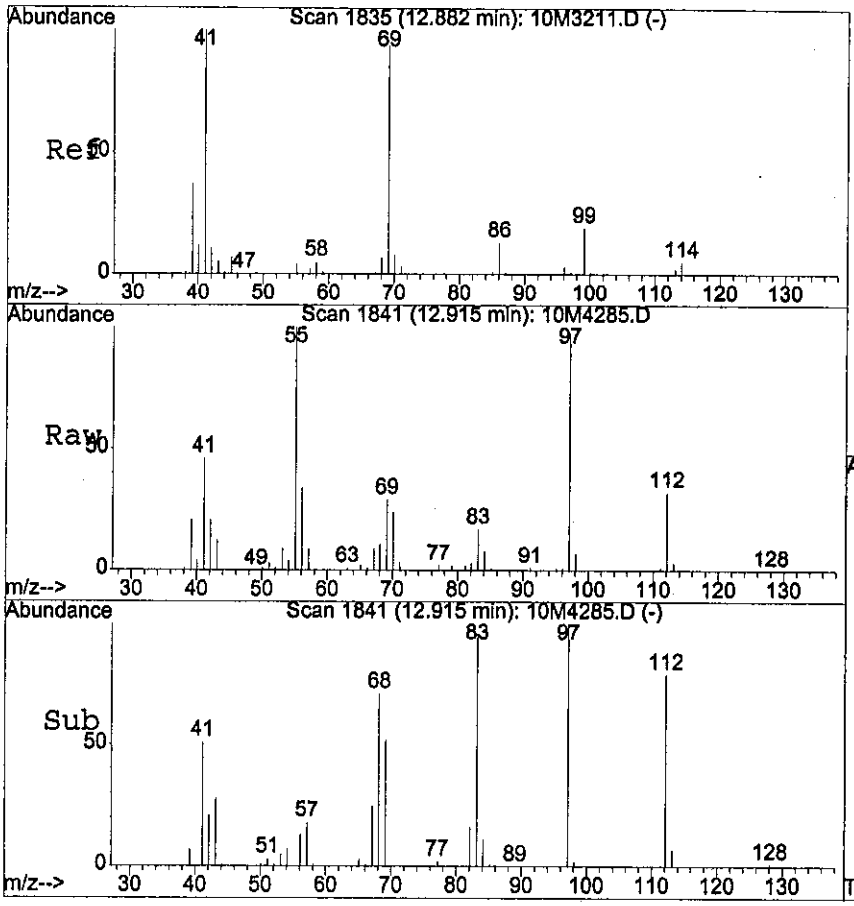


#46
Toluene
Concen: 3.96 ug/L
RT: 12.79 min Scan# 1818
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 91 Resp: 255170

Ion	Ratio	Lower	Upper
91	100		
92	57.4	47.3	70.9

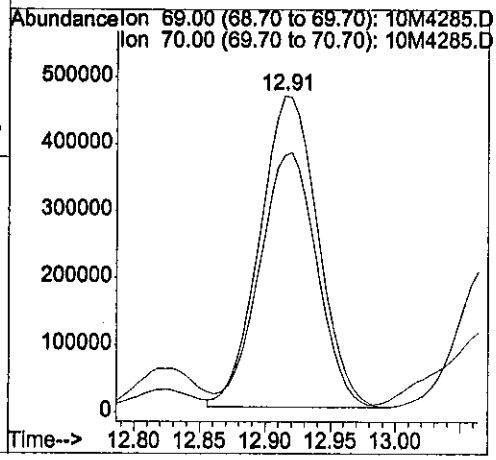


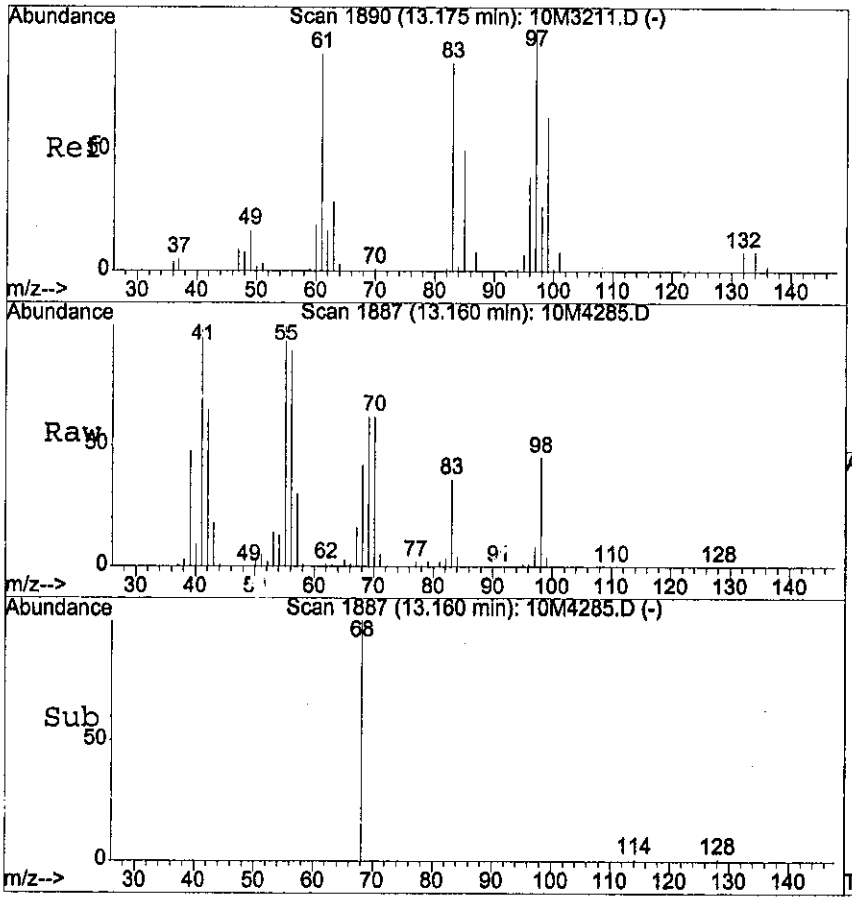


#47
Ethyl Methacrylate
Concen: 112.31 ug/L
RT: 12.91 min Scan# 1841
Delta R.T. 0.03 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 69 Resp: 1440564

Ion	Ratio	Lower	Upper
69	100		
70	80.0	6.3	9.5#

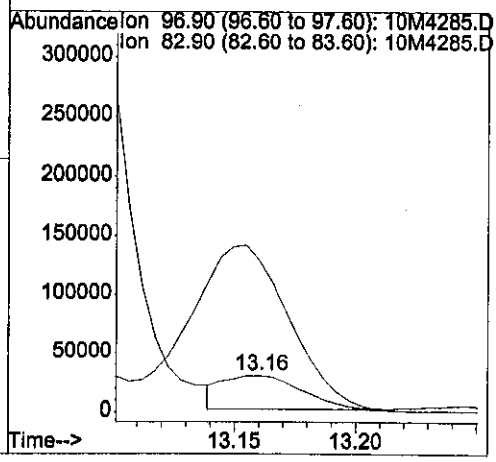


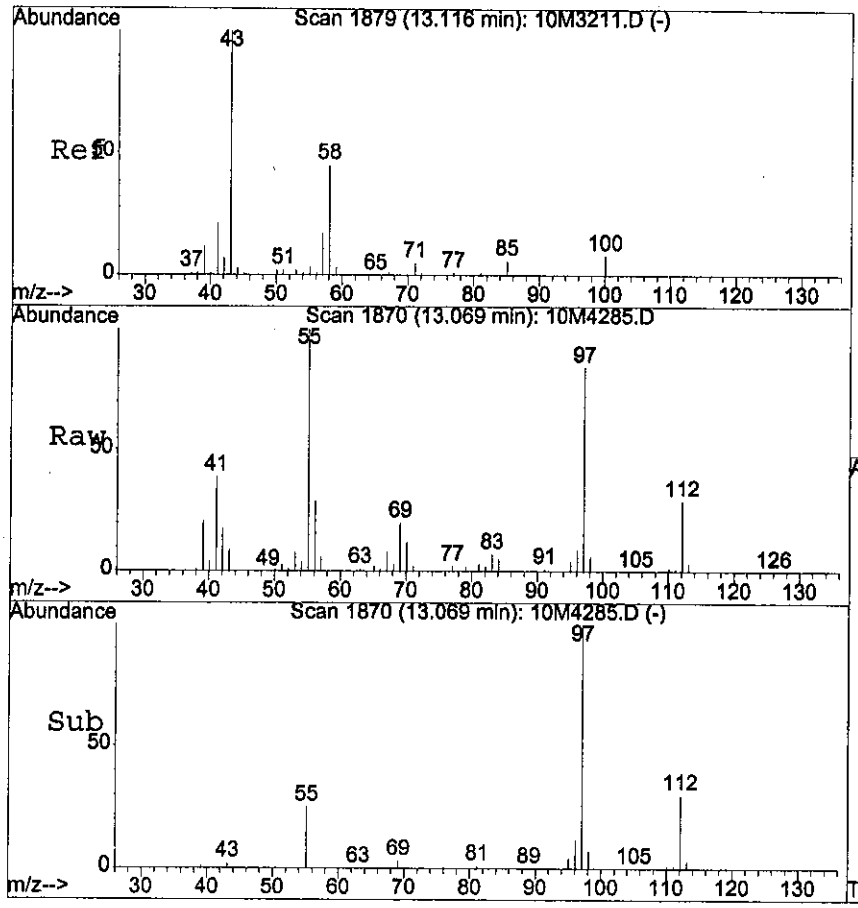


#49
1,1,2-Trichloroethane
Concen: 6.81 ug/L
RT: 13.16 min Scan# 1887
Delta R.T. -0.02 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 97 Resp: 63859

Ion	Ratio	Lower	Upper
97	100		
83	636.0	67.0	100.4#

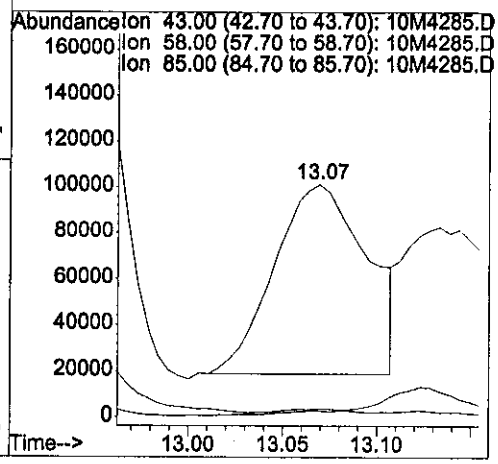


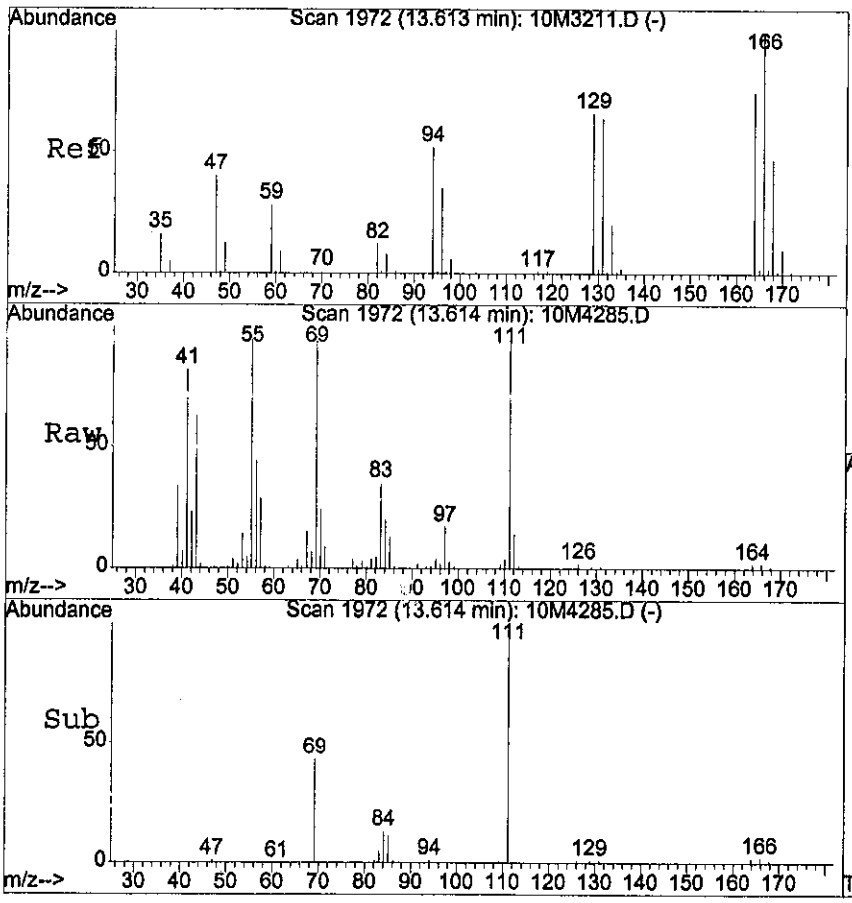


#50
2-Hexanone
Concen: 46.56 ug/L
RT: 13.07 min Scan# 1870
Delta R.T. -0.05 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 43 Resp: 280310

Ion	Ratio	Lower	Upper
43	100		
58	2.2	38.6	58.0#
85	1.1	4.7	7.1#

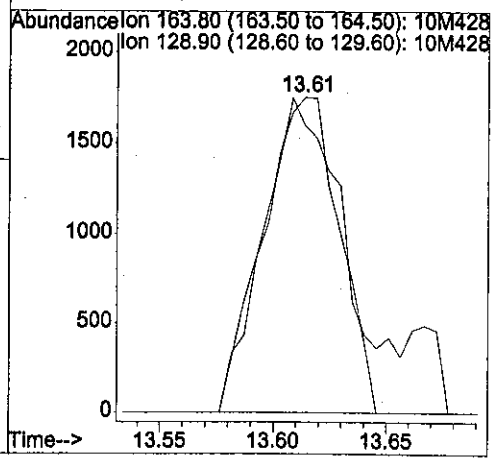


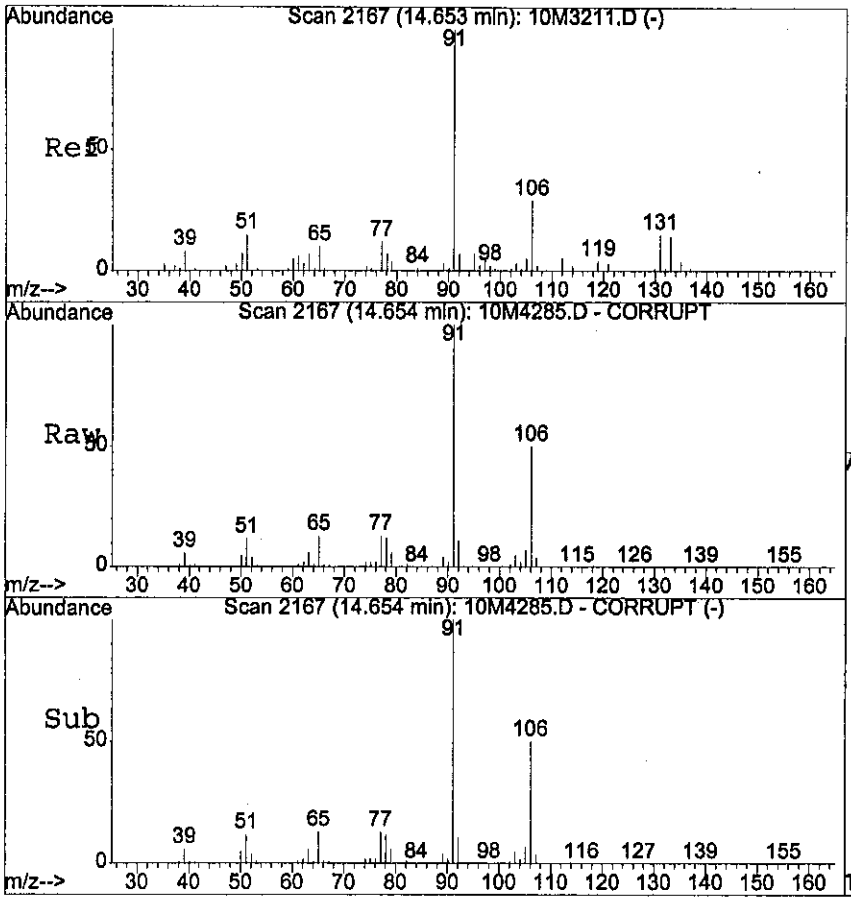


#52
Tetrachloroethene
Concen: 0.34 ug/L
RT: 13.61 min Scan# 1972
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:164 Resp: 4128

Ion	Ratio	Lower	Upper
164	100		
129	107.3	76.0	114.0

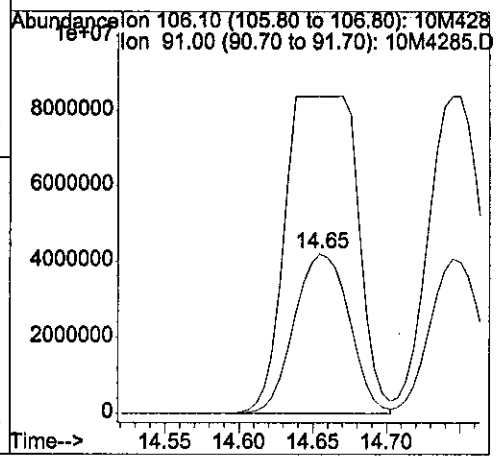


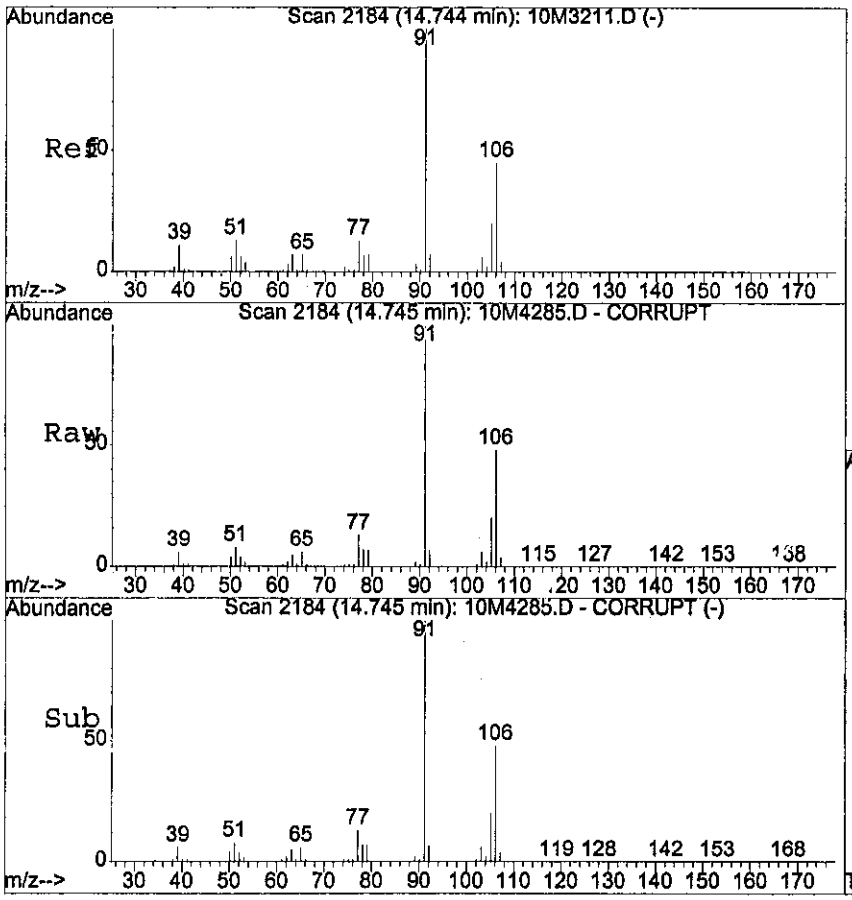


#58
Ethylbenzene
Concen: 467.29 ug/L
RT: 14.65 min Scan# 2167
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:106 Resp:10877456

Ion	Ratio	Lower	Upper
106	100		
91	0.0	251.4	377.2#

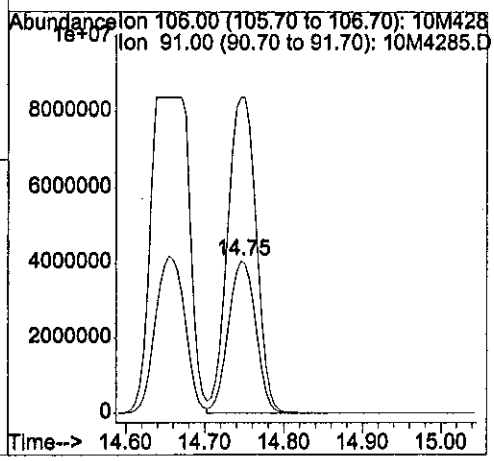


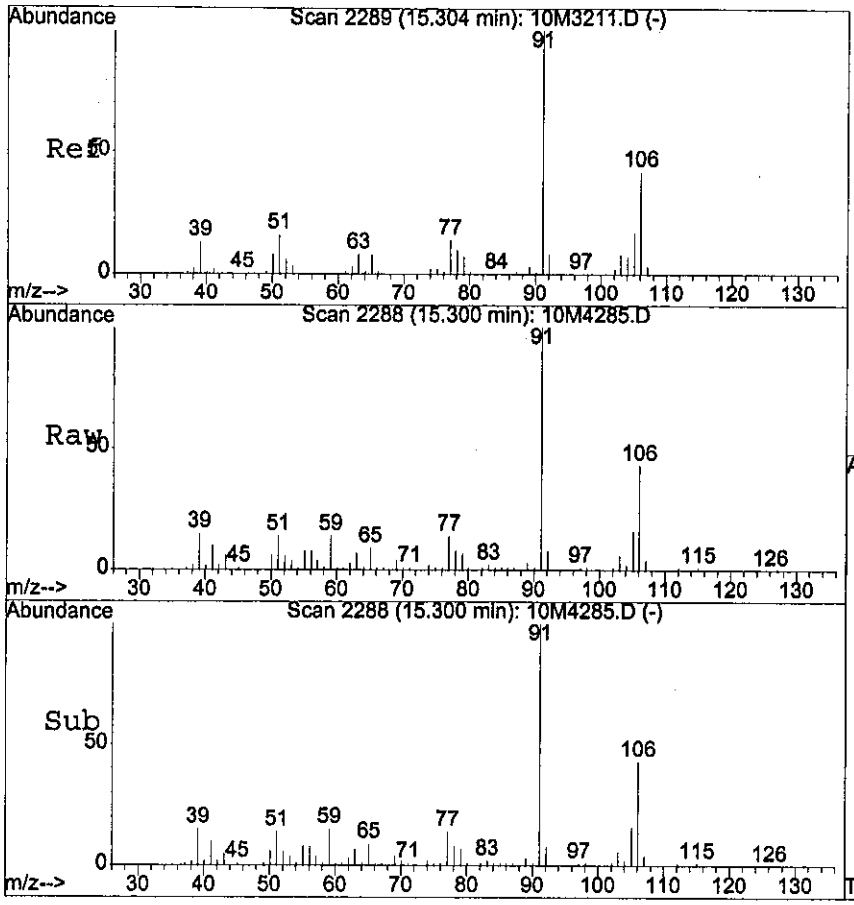


#59
m-,p-Xylene
Concen: 338.85 ug/L
RT: 14.75 min Scan# 2184
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:106 Resp: 9748732

Ion	Ratio	Lower	Upper
106	100		
91	216.1	153.8	230.6

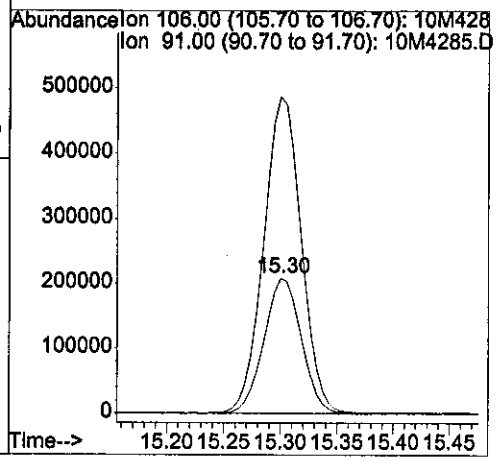


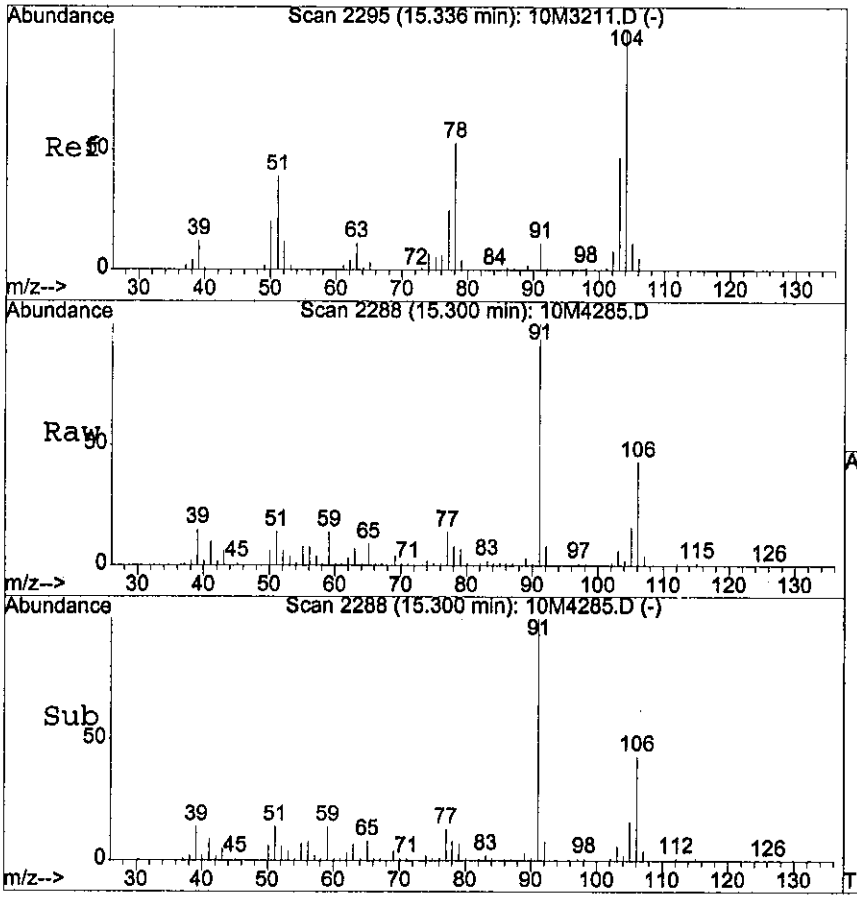


#60
o-Xylene
Concen: 16.89 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:106 Resp: 479651

Ion	Ratio	Lower	Upper
106	100		
91	234.4	163.8	245.8

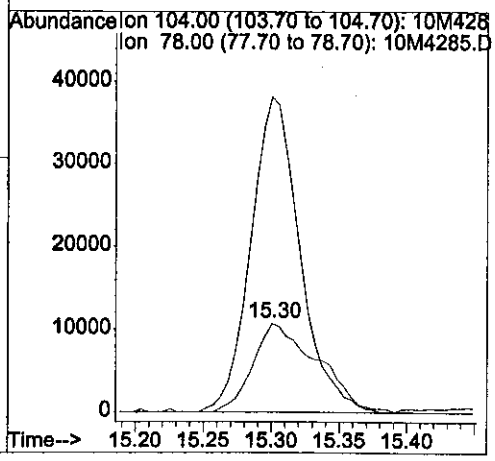


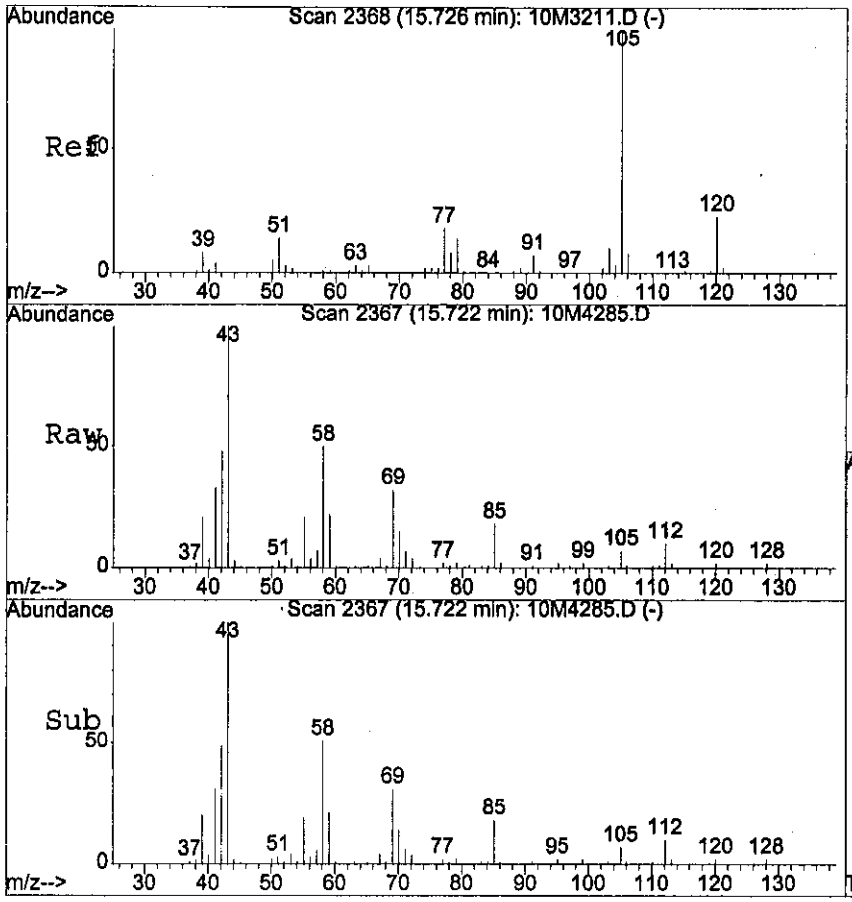


#61
Styrene
Concen: 0.79 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.04 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:104 Resp: 35114

Ion	Ratio	Lower	Upper
104	100		
78	273.8	38.4	57.6#

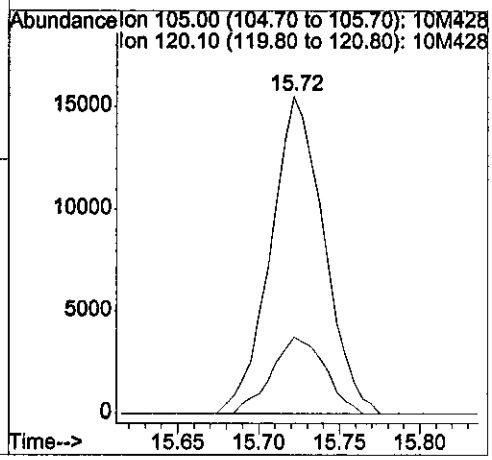


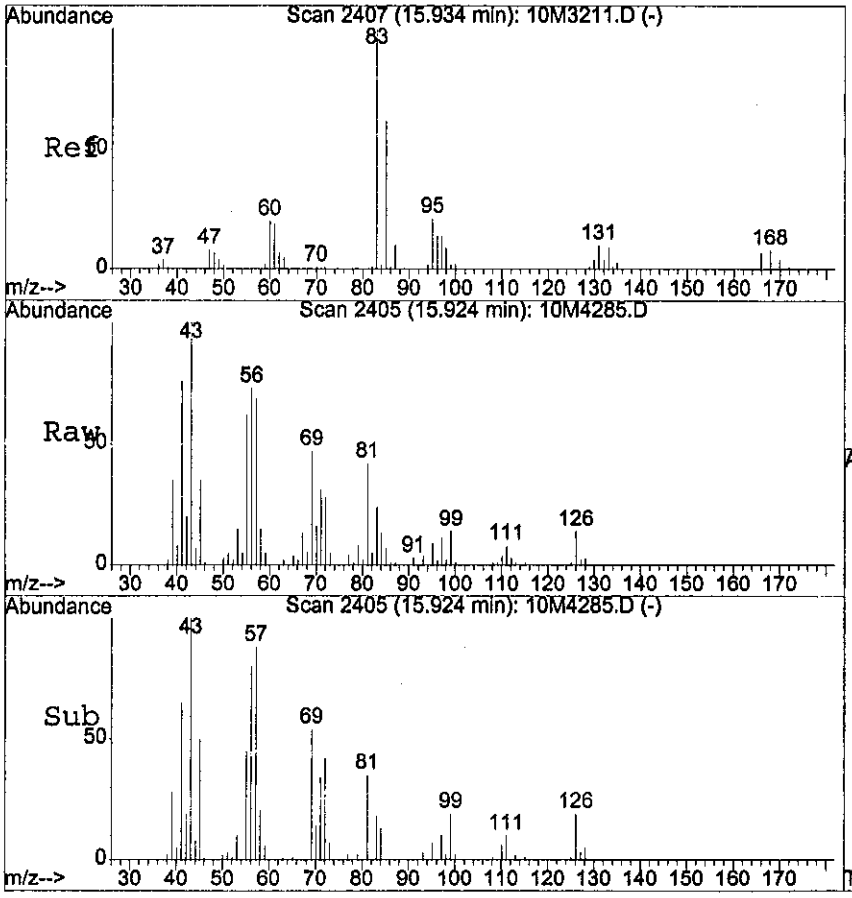


#63
Isopropylbenzene
Concen: 0.46 ug/L
RT: 15.72 min Scan# 2367
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:105 Resp: 35592

Ion	Ratio	Lower	Upper
105	100		
120	24.1	22.2	33.4

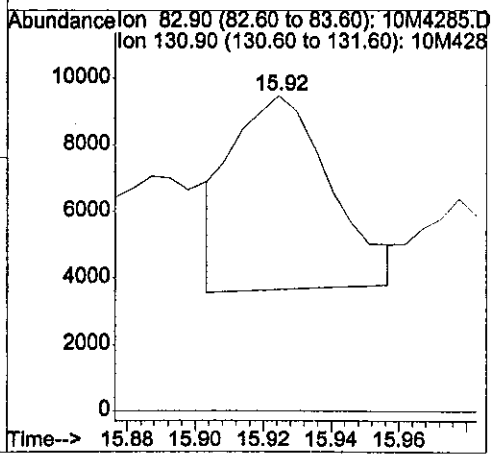


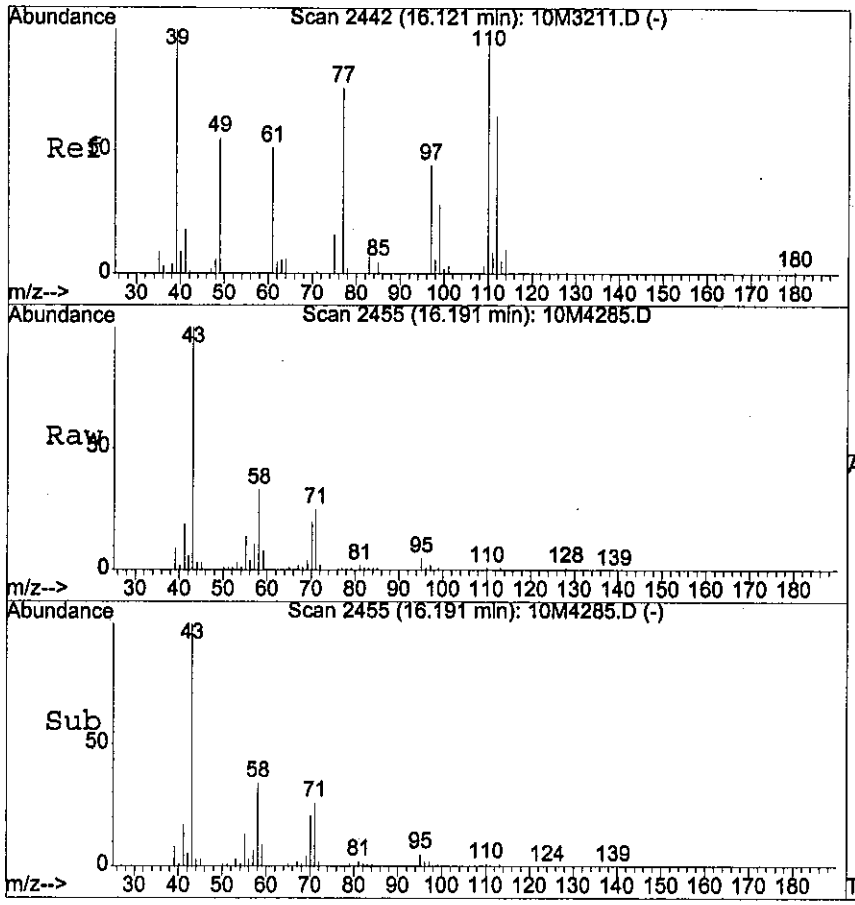


#65
1,1,2,2-Tetrachloroethane
Concen: 1.28 ug/L
RT: 15.92 min Scan# 2405
Delta R.T. -0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 83 Resp: 11838

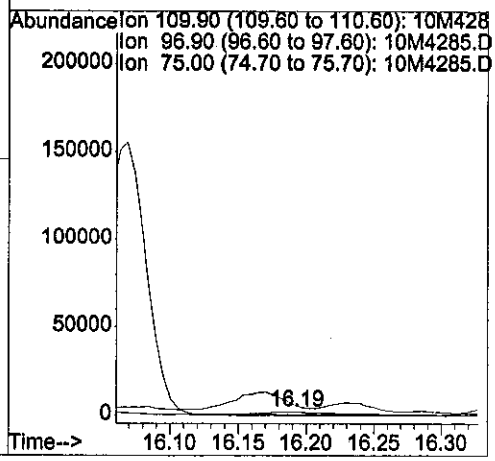
Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.2	12.2#

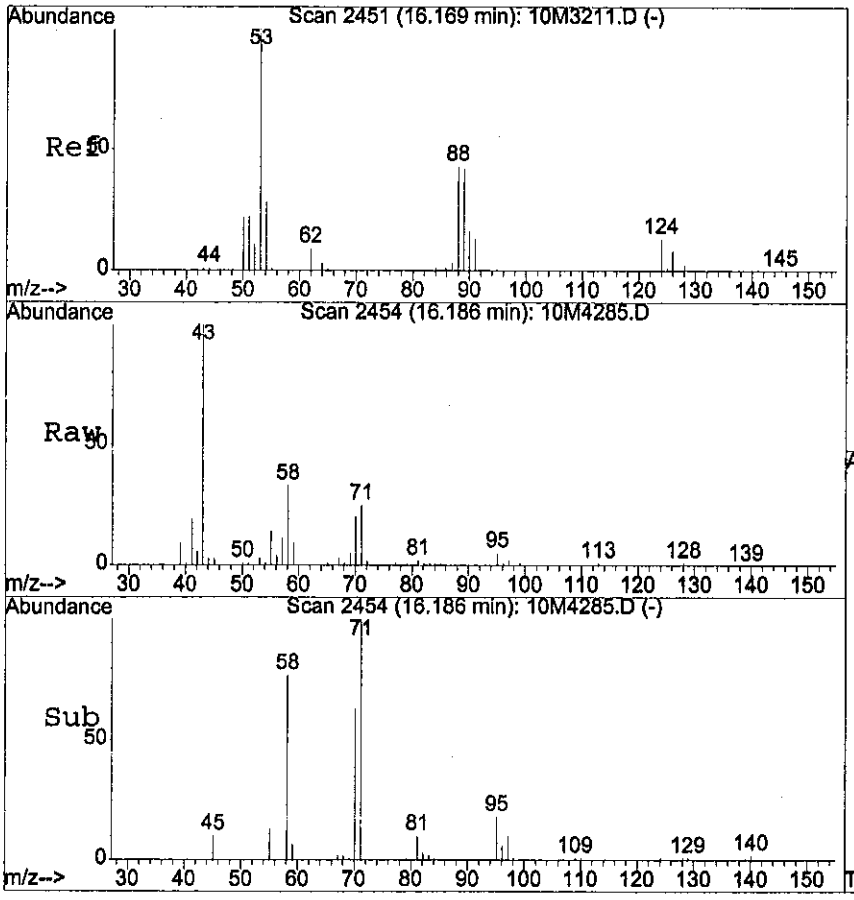




#67
1,2,3-Trichloropropane
Concen: 1.71 ug/L
RT: 16.19 min Scan# 2455
Delta R.T. 0.06 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

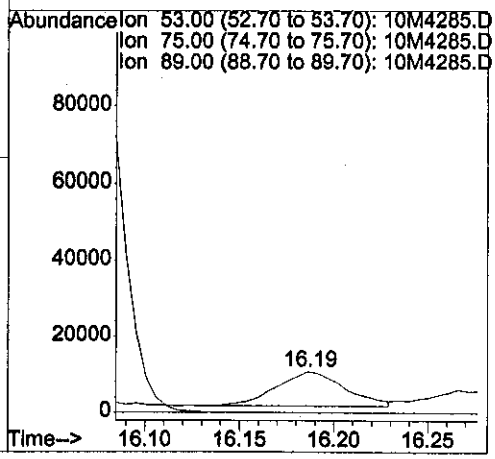
Tgt Ion:110	Resp:	5089	
Ion	Ratio	Lower	Upper
110	100		
97	642.3	38.2	57.2#
75	0.0	257.4	386.2#

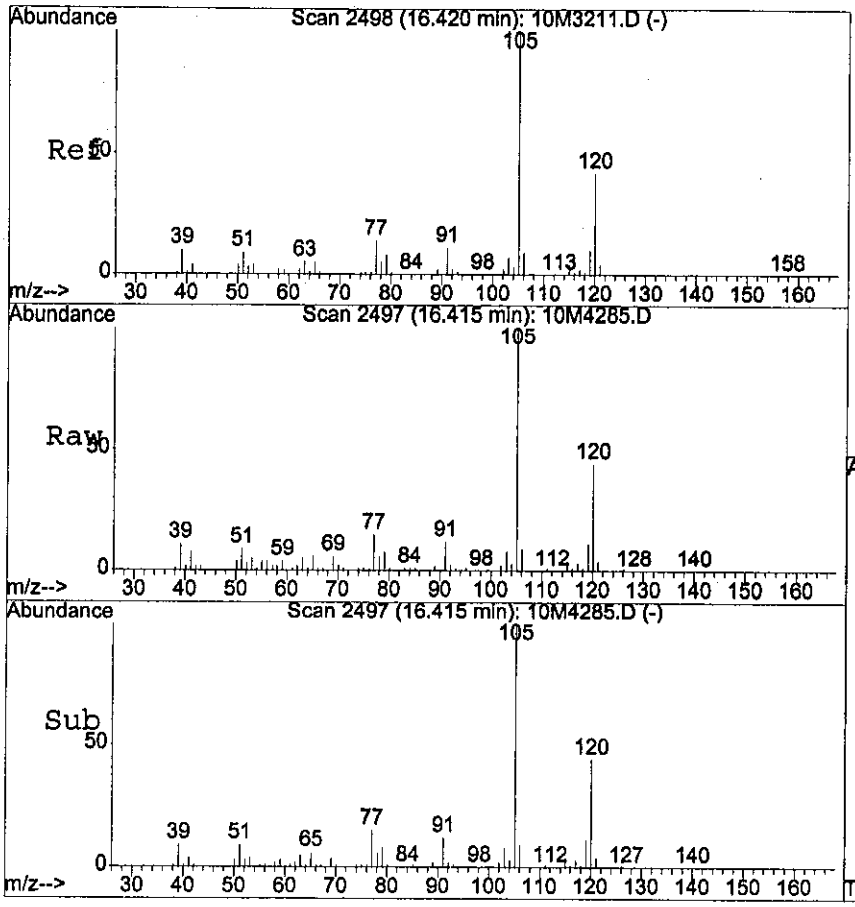




#68
trans-1,4-Dichloro-2-Butene
Concen: 5.04 ug/L
RT: 16.19 min Scan# 2454
Delta R.T. 0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 53	Resp:	22287	
Ion	Ratio	Lower	Upper
53	100		
75	0.0	219.6	329.4#
89	0.0	43.1	64.7#

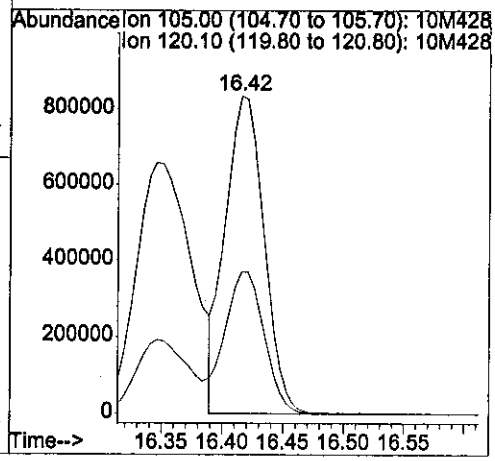


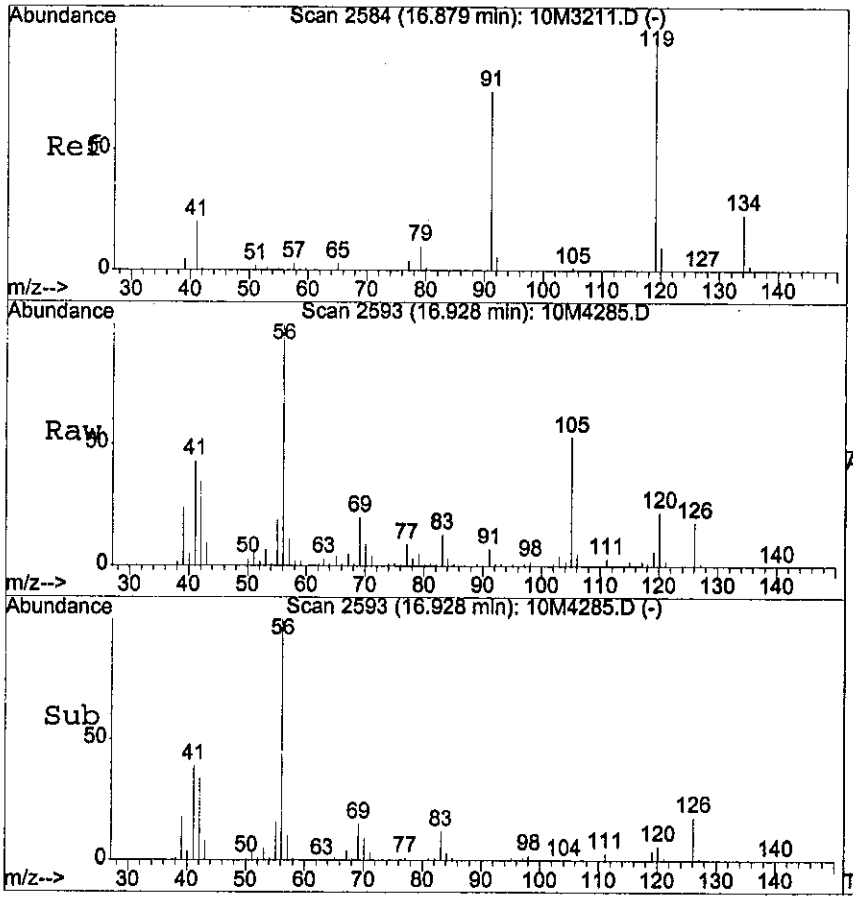


#71
1,3,5-Trimethylbenzene
Concen: 31.65 ug/L
RT: 16.42 min Scan# 2497
Delta R.T. -0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:105 Resp: 1855106

Ion	Ratio	Lower	Upper
105	100		
120	45.9	41.4	62.2

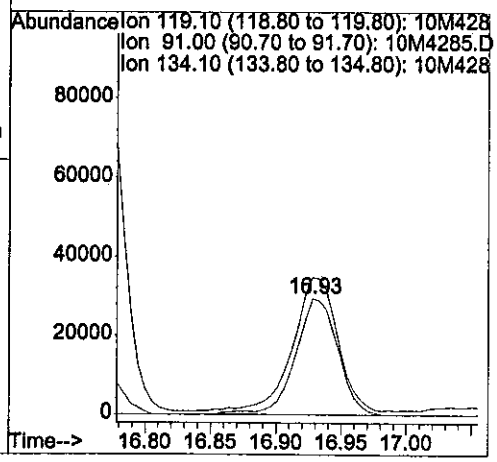


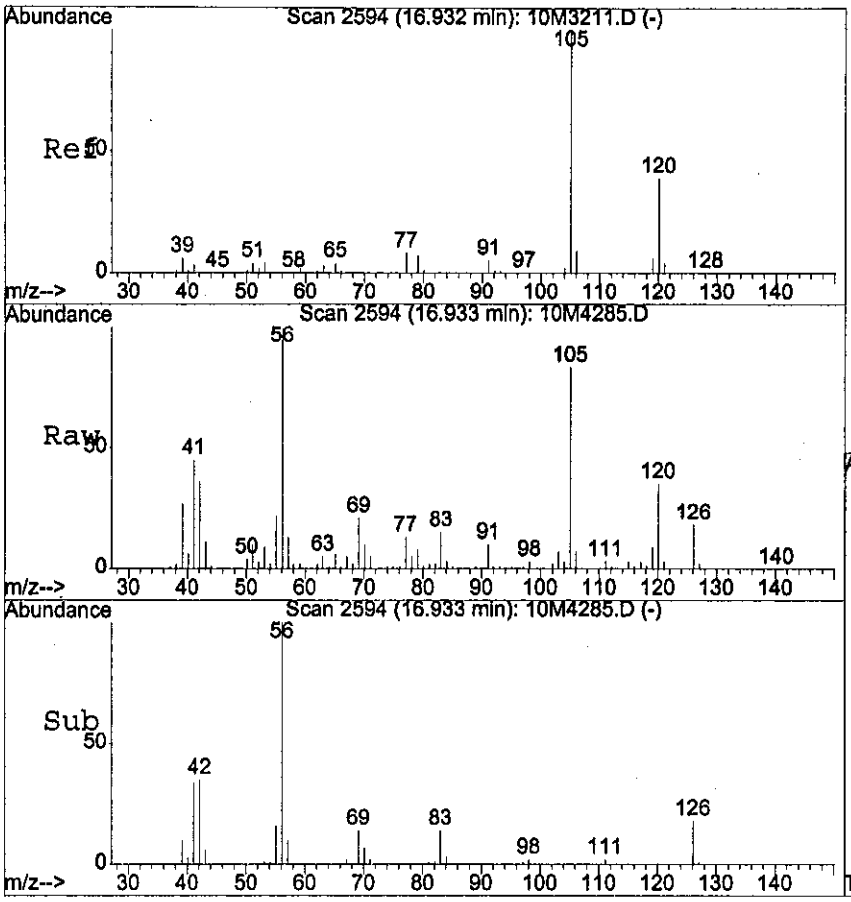


#75
tert-Butylbenzene
Concen: 1.29 ug/L
RT: 16.93 min Scan# 2593
Delta R.T. 0.05 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:119 Resp: 66557

Ion	Ratio	Lower	Upper
119	100		
91	121.4	38.6	57.8#
134	0.0	18.9	28.3#

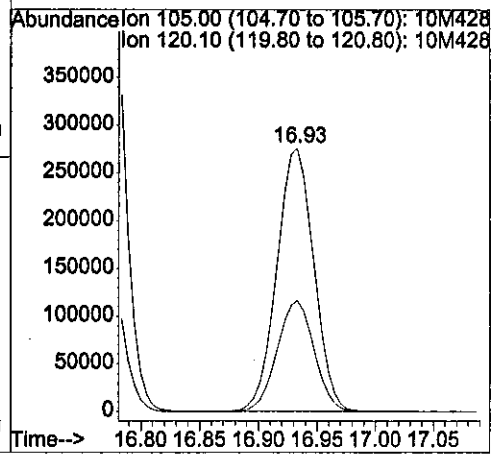


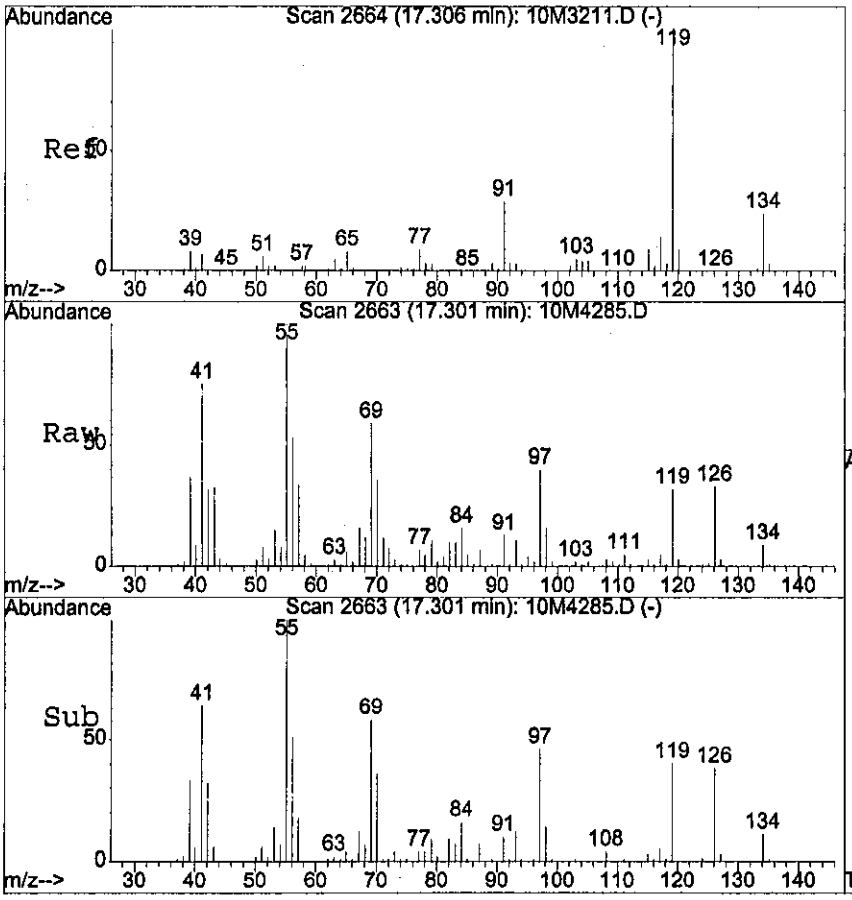


#76
1,2,4-Trimethylbenzene
Concen: 9.25 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:105 Resp: 606402

Ion	Ratio	Lower	Upper
105	100		
120	42.2	39.0	58.6

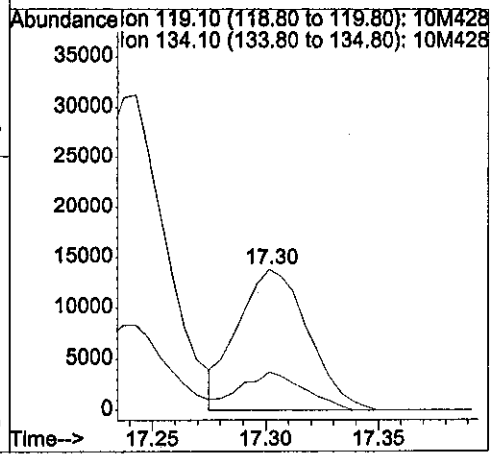


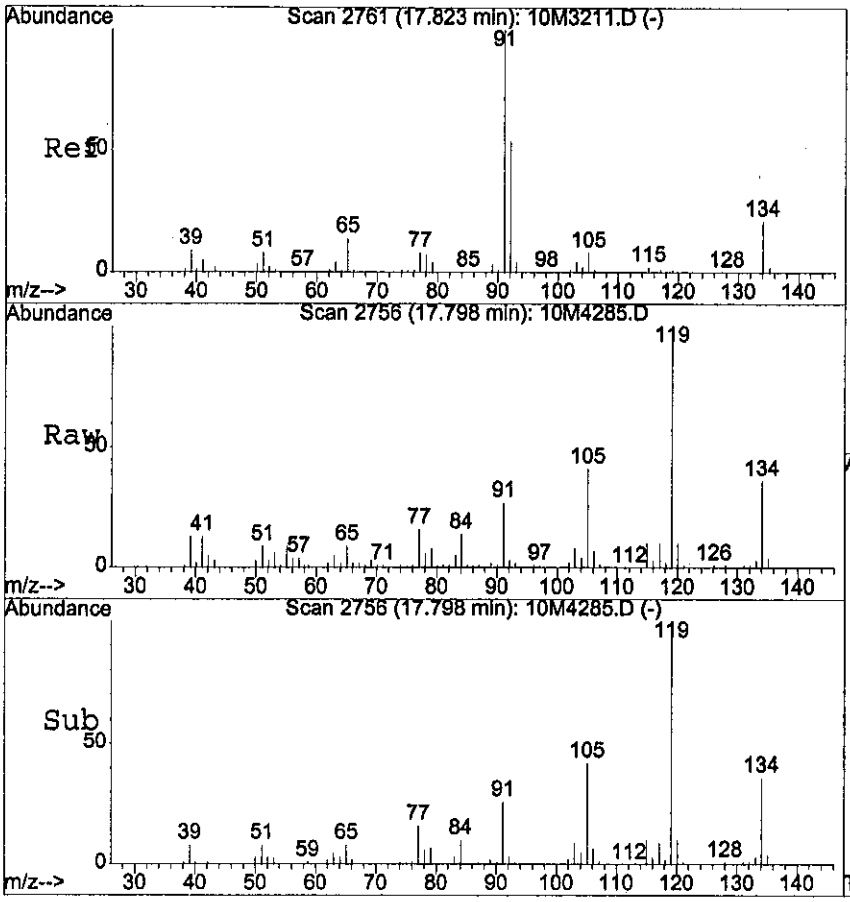


#78
p-Isopropyltoluene
Concen: 0.46 ug/L
RT: 17.30 min Scan# 2663
Delta R.T. -0.01 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:119 Resp: 29906

Ion	Ratio	Lower	Upper
119	100		
134	24.3	21.8	32.6

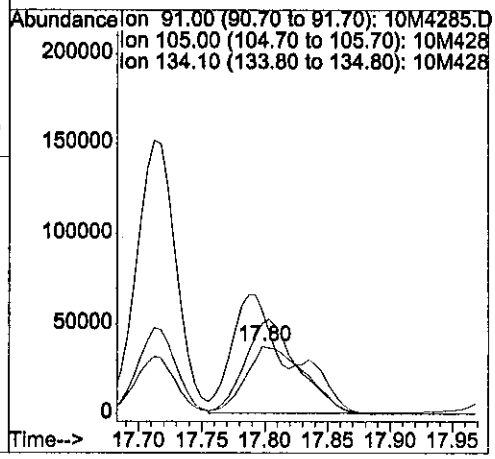


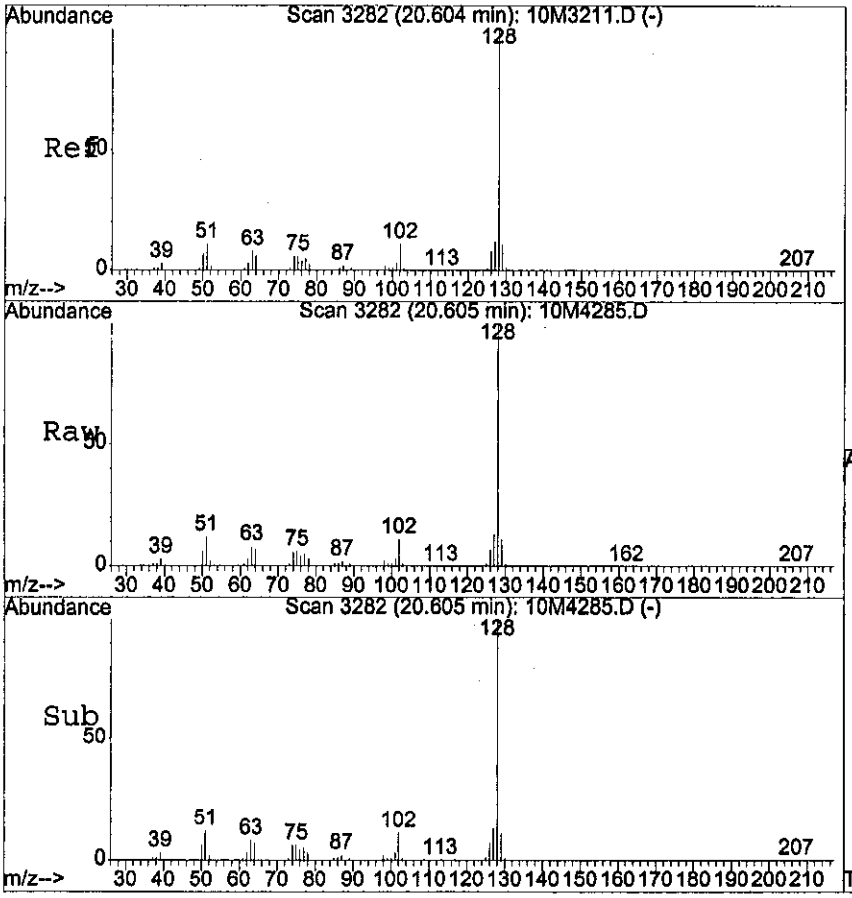


#81
n-Butylbenzene
Concen: 2.03 ug/L
RT: 17.80 min Scan# 2756
Delta R.T. -0.03 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion: 91 Resp: 121189

Ion	Ratio	Lower	Upper
91	100		
105	108.1	6.9	10.3#
134	127.0	22.0	33.0#

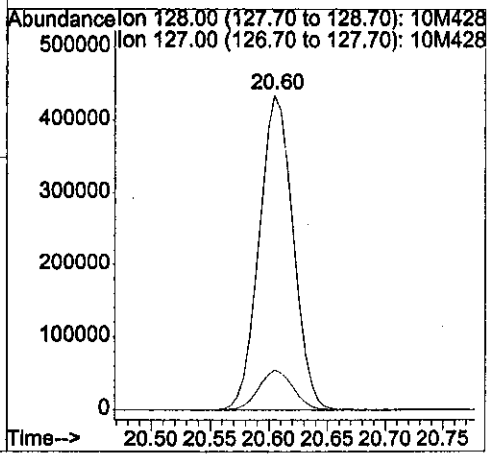




#86
Naphthalene
Concen: 32.12 ug/L
RT: 20.60 min Scan# 3282
Delta R.T. -0.00 min
Lab File: 10M4285.D
Acq: 20 Jun 2000 19:31

Tgt Ion:128 Resp: 879467

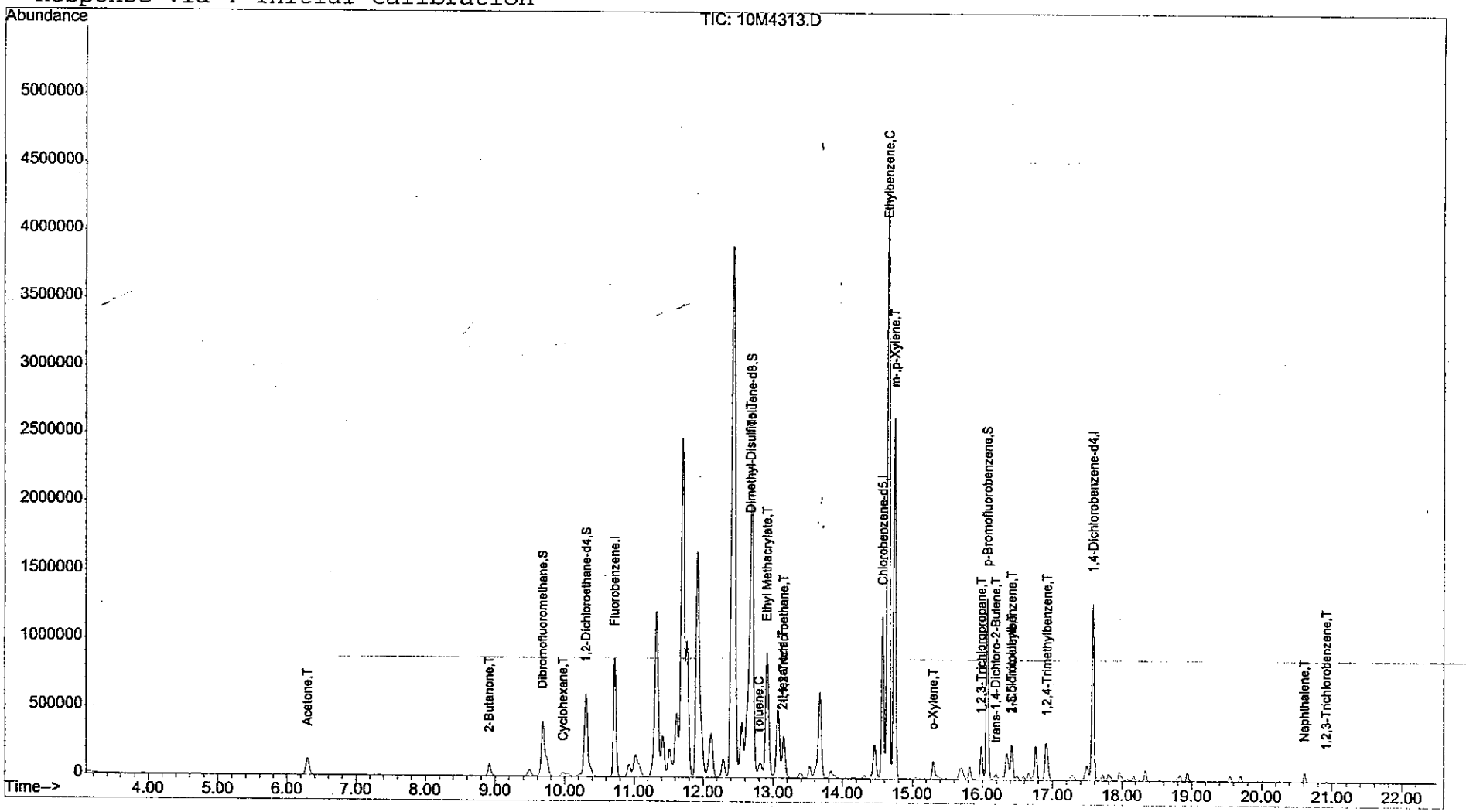
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4313.D Vial: 5
Acq On : 21 Jun 2000 10:54 Operator: MES
Sample : L0006193-05 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:17 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



221

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4313.D Vial: 5
Acq On : 21 Jun 2000 10:54 Operator: MES
Sample : L0006193-05 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:17 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	945265	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	706777	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	374365	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	333661	24.92	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.68%			
33) 1,2-Dichloroethane-d4	10.32	65	437777	24.51	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.04%			
45) Toluene-d8	12.69	98	1377788	27.51	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 110.04%#			
66) p-Bromofluorobenzene	16.07	95	558362	27.62	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.48%			
Target Compounds						Qvalue
11) Acetone	6.30	43	296602	1255.62	ug/L	93
23) 2-Butanone	8.91	43	171682	507.84	ug/L	96
30) Cyclohexane	9.97	56	27807	9.46	ug/L #	73
34) 1,2-Dichloroethane	10.43	62	2570	1.14	ug/L #	1
37) 1,2-Dichloropropane	11.42	63	1690	1.16	ug/L #	36
38) Bromodichloromethane	11.77	83	3055	1.60	ug/L #	1
40) 2-Chloroethyl Vinyl Ether	12.12	63	1898	3.04	ug/L #	52
41) 4-Methyl-2-Pentanone	12.07	58	2628	9.58	ug/L #	1
43) Dimethyl Disulfide	12.67	79	10944	8.69	ug/L #	1
46) Toluene	12.79	91	26872	4.51	ug/L	93
47) Ethyl Methacrylate	12.92	69	142640	120.50	ug/L #	1
49) 1,1,2-Trichloroethane	13.15	97	6687	7.72	ug/L #	1
50) 2-Hexanone	13.13	43	24514	44.13	ug/L #	54
56) Chlorobenzene	14.62	112	4839	1.18	ug/L #	43
58) Ethylbenzene	14.66	106	1235705	575.26	ug/L	80
59) m-,p-Xylene	14.75	106	916539	345.21	ug/L	78
60) o-Xylene	15.30	106	39093	14.91	ug/L	76
61) Styrene	15.32	104	2227	0.54	ug/L #	1
63) Isopropylbenzene	15.72	105	5482	0.76	ug/L #	47
67) 1,2,3-Trichloropropane	15.99	110	8078	30.04	ug/L #	1
68) trans-1,4-Dichloro-2-Buten	16.19	53	1954	4.88	ug/L #	1
69) n-Propylbenzene	16.23	91	6452	0.82	ug/L #	52
71) 1,3,5-Trimethylbenzene	16.42	105	179187	33.82	ug/L	88
72) 2-Chlorotoluene	16.42	91	20580	3.81	ug/L #	50
74) a-Methylstyrene	16.76	118	1581	0.57	ug/L #	1
75) tert-Butylbenzene	16.88	119	1831	0.39	ug/L #	1
76) 1,2,4-Trimethylbenzene	16.93	105	64703	10.91	ug/L	90

(#) = qualifier out of range (m) = manual integration

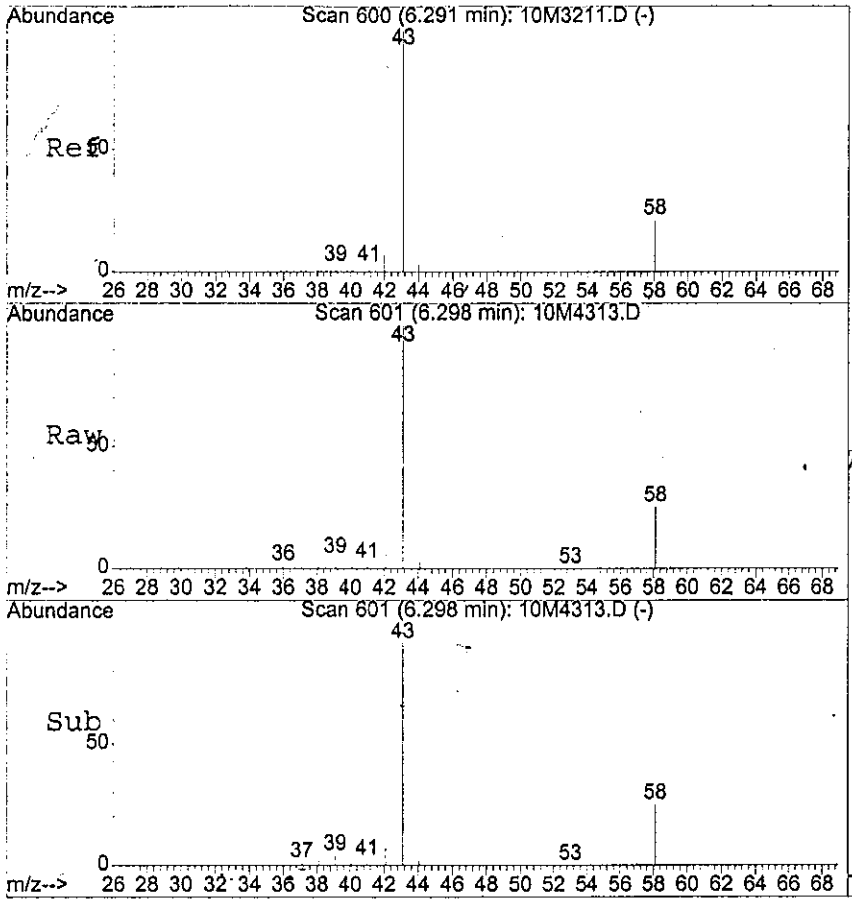
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4313.D Vial: 5
Acq On : 21 Jun 2000 10:54 Operator: MES
Sample : L0006193-05 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:17 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	sec-Butylbenzene	17.15	105	4705	0.72	ug/L	#	55
78)	p-Isopropyltoluene	17.31	119	5971	1.01	ug/L	#	48
81)	n-Butylbenzene	17.83	91	17140	3.18	ug/L	#	1
84)	1,2,4-Trichlorobenzene	20.24	180	4163	2.14	ug/L	#	44
85)	Hexachlorobutadiene	20.39	225	2605	2.71	ug/L	#	34
86)	Naphthalene	20.61	128	61075	24.67	ug/L		99
87)	1,2,3-Trichlorobenzene	20.91	180	5162	3.80	ug/L	#	43

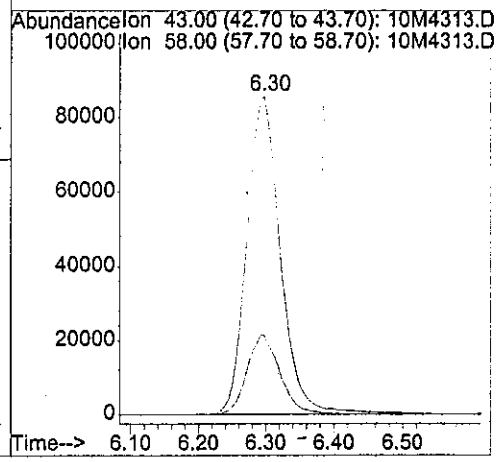
(#) = qualifier out of range (m) = manual integration
10M4313.D 8260WTR.M Wed Jun 21 11:17:05 2000 Page 223

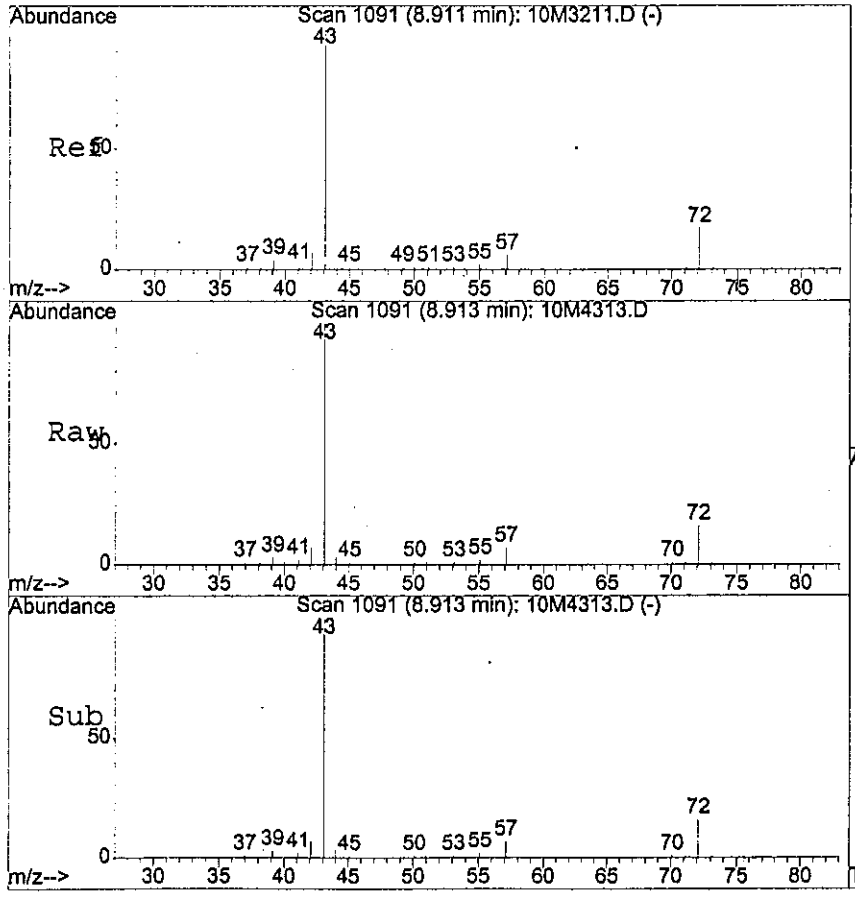


#11
Acetone
Concen: 1255.62 ug/L
RT: 6.30 min Scan# 601
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 43 Resp: 296602

Ion	Ratio	Lower	Upper
43	100		
58	24.4	22.6	34.0

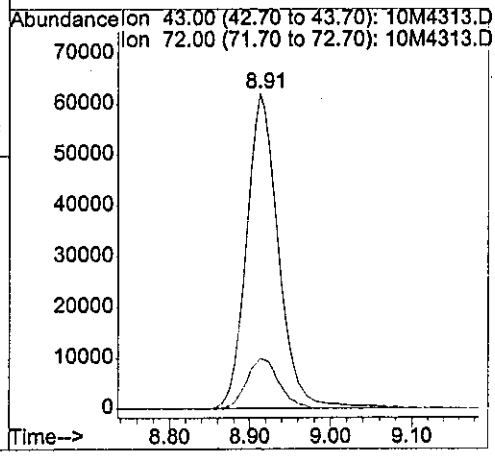


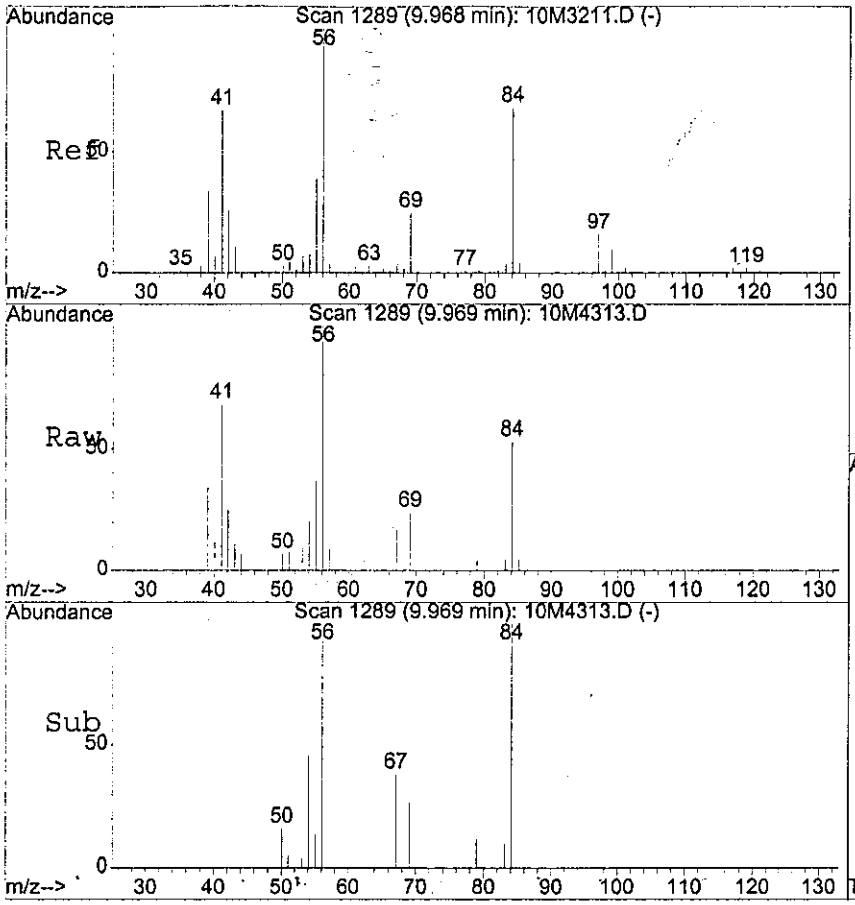


#23
2-Butanone
Concen: 507.84 ug/L
RT: 8.91 min Scan# 1091
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 43 Resp: 171682

Ion	Ratio	Lower	Upper
43	100		
72	16.1	14.4	21.6

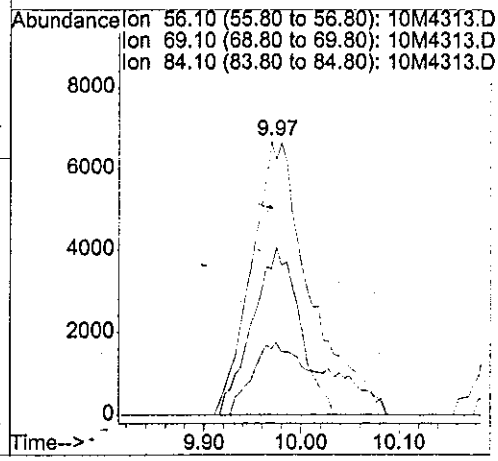


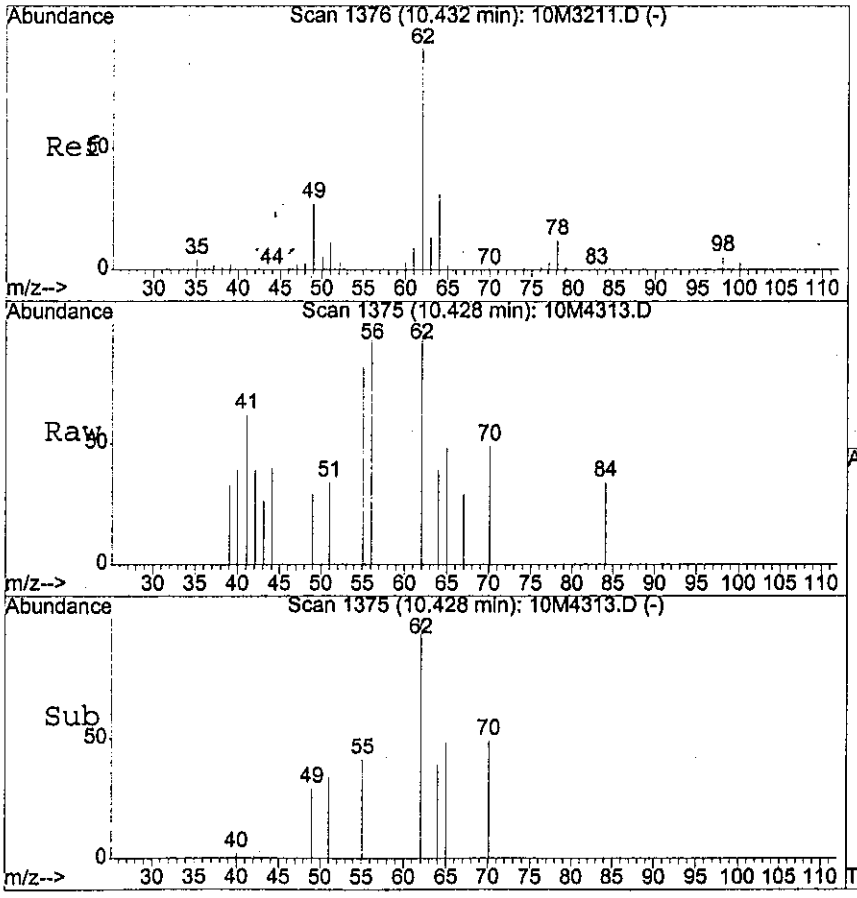


#30
Cyclohexane
Concen: 9.46 ug/L
RT: 9.97 min Scan# 1289
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 56 Resp: 27807

Ion	Ratio	Lower	Upper
56	100		
69	34.1	19.3	28.9#
84	49.2	58.8	88.2#

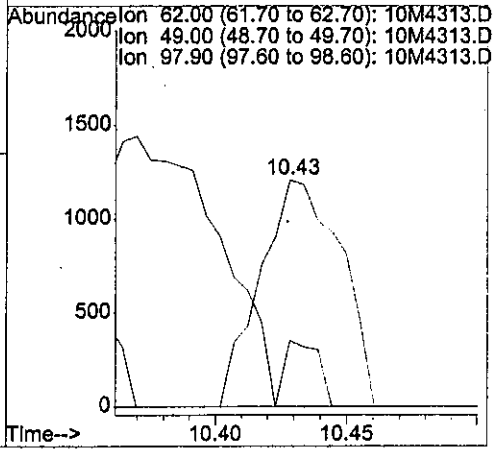


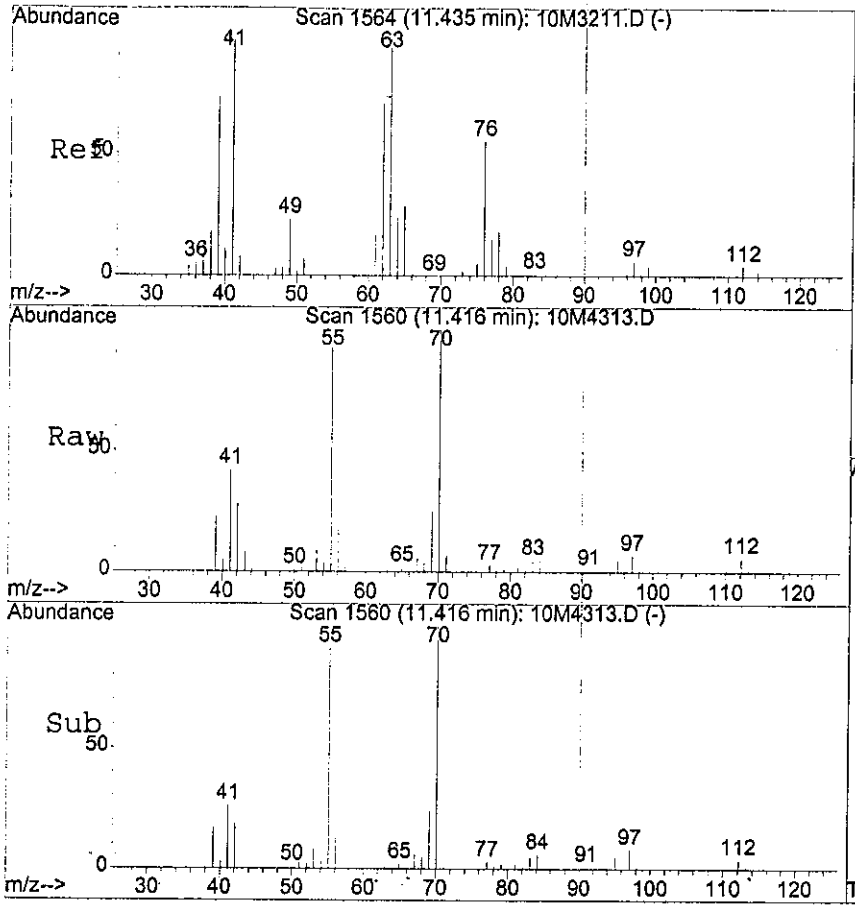


#34
1,2-Dichloroethane
Concen: 1.14 ug/L
RT: 10.43 min Scan# 1375
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 62 Resp: 2570

Ion	Ratio	Lower	Upper
62	100		
49	0.0	28.5	42.7#
98	201.4	6.2	9.4#

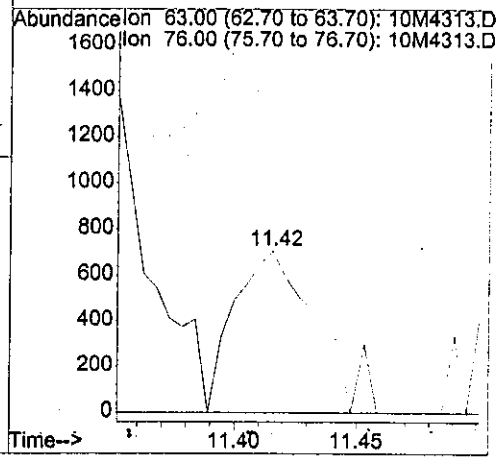


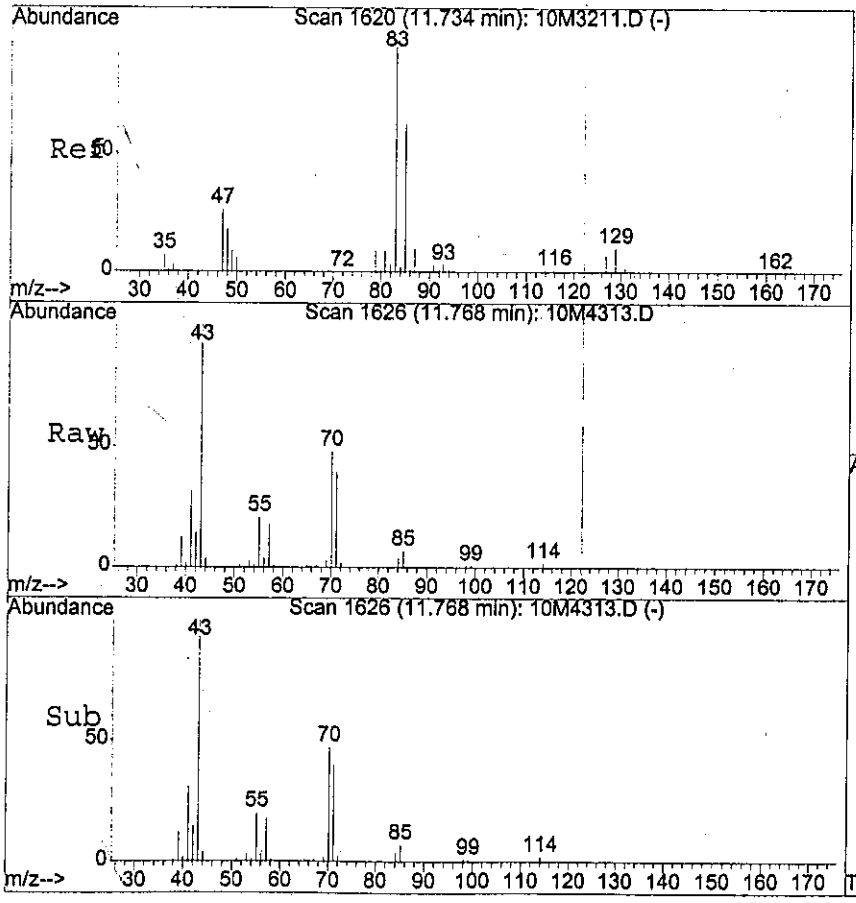


#37
1,2-Dichloropropane
Concen: 1.16 ug/L
RT: 11.42 min Scan# 1560
Delta R.T. -0.02 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 63 Resp: 1690

Ion	Ratio	Lower	Upper
63	100		
76	0.0	31.2	46.8#

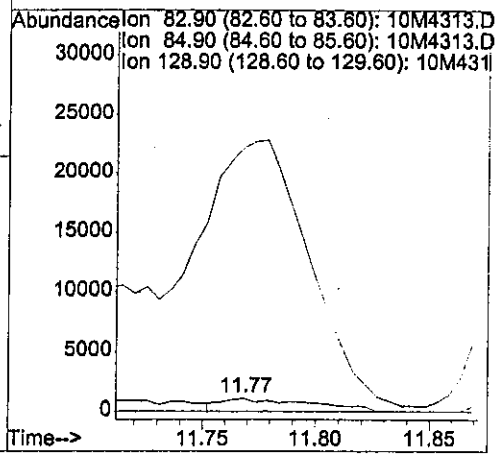


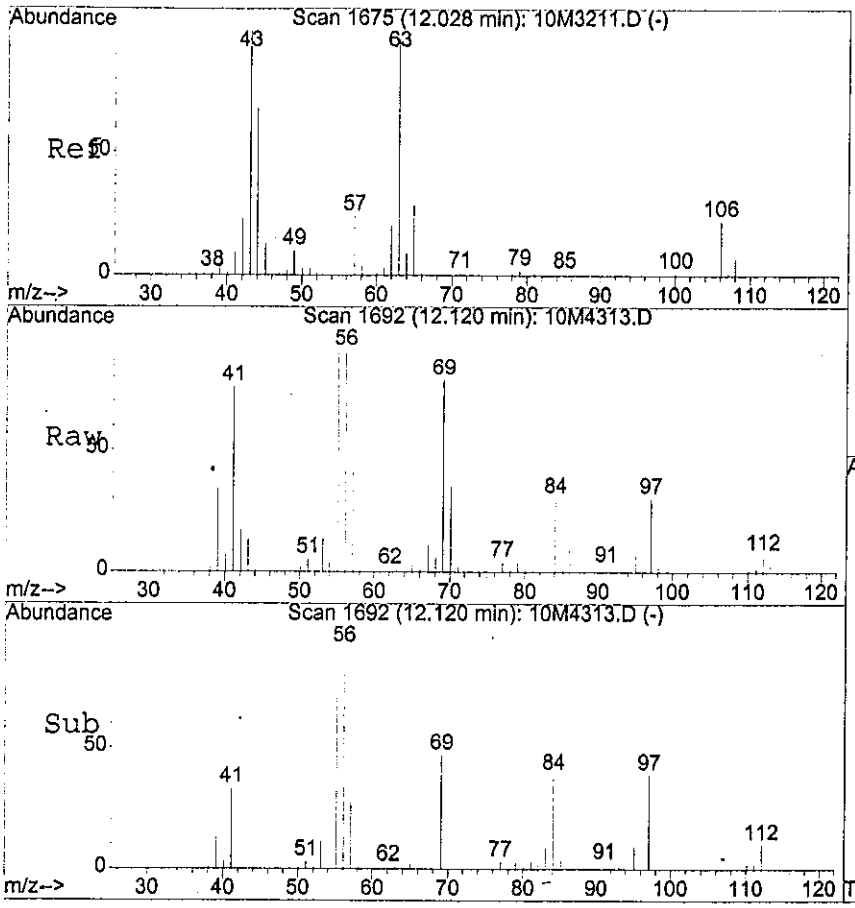


#38
Bromodichloromethane
Concen: 1.60 ug/L
RT: 11.77 min Scan# 1626
Delta R.T. 0.03 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 83 Resp: 3055

Ion	Ratio	Lower	Upper
83	100		
85	2580.3	52.4	78.6#
129	0.0	8.6	13.0#

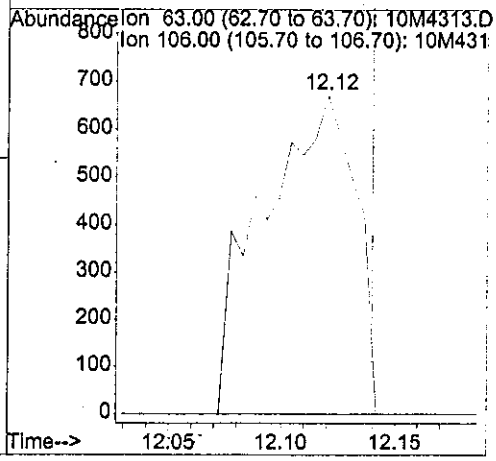


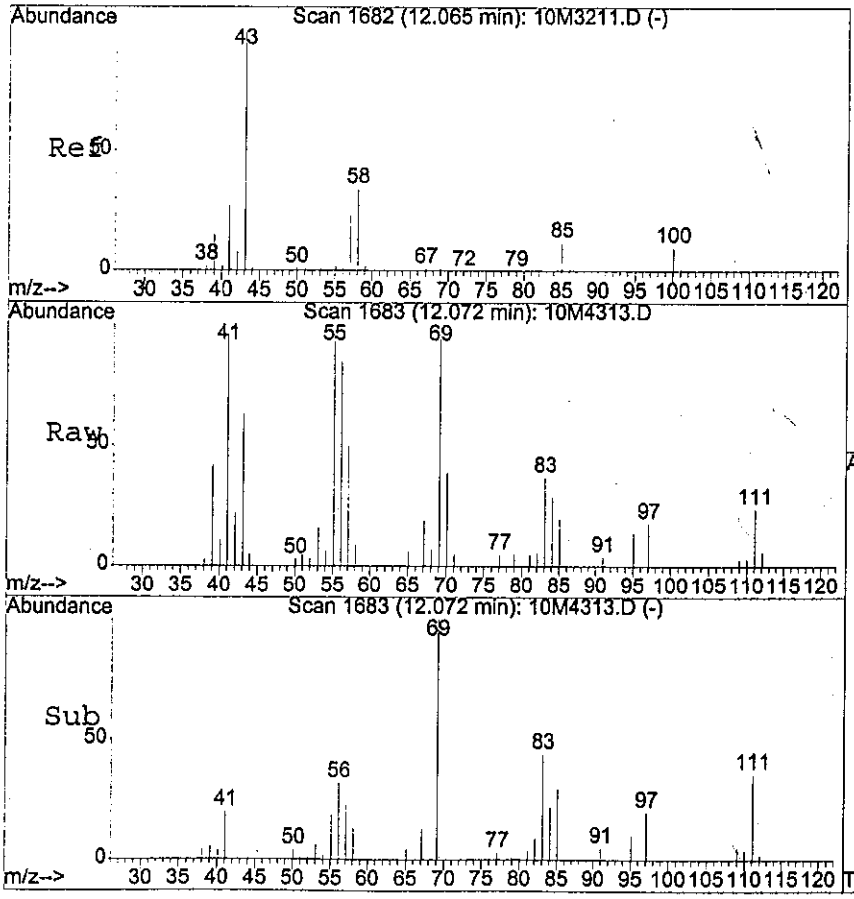


#40
2-Chloroethyl Vinyl Ether
Concen: 3.04 ug/L
RT: 12.12 min Scan# 1692
Delta R.T. 0.09 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 63 Resp: 1898

Ion	Ratio	Lower	Upper
63	100		
106	0.0	18.8	28.2#

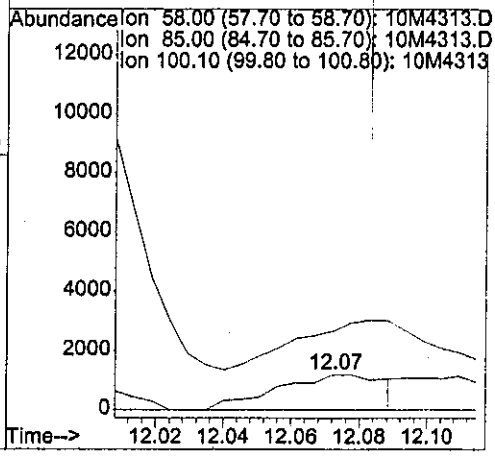


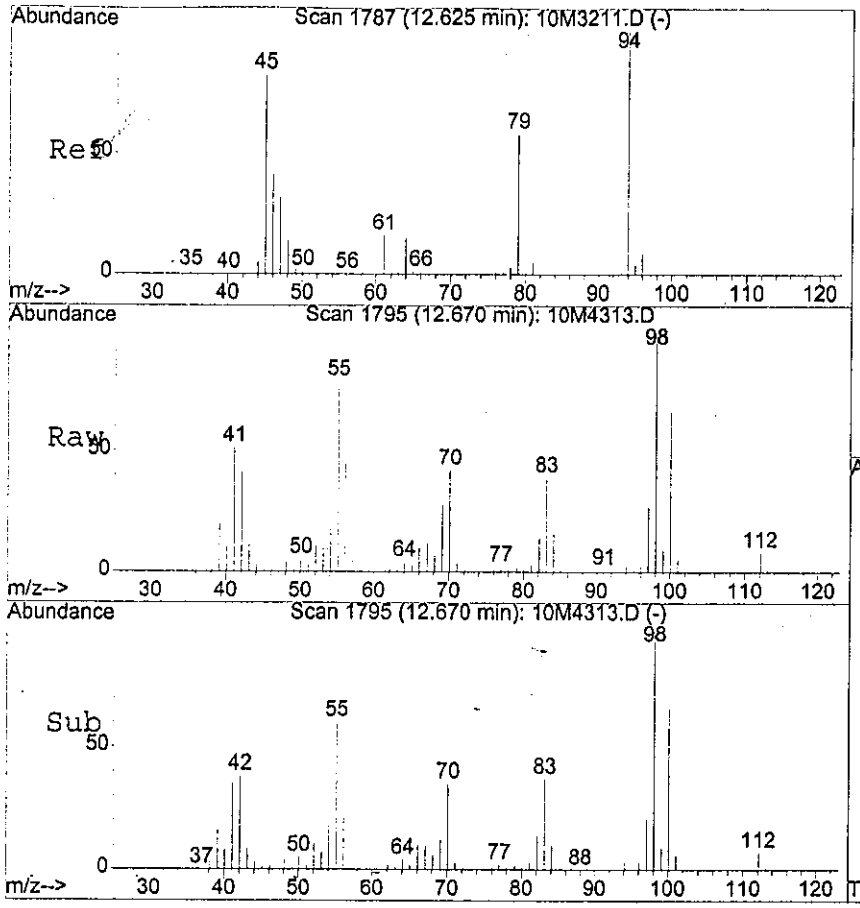


#41
4-Methyl-2-Pentanone
Concen: 9.58 ug/L
RT: 12.07 min Scan# 1683
Delta R.T. 0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 58 Resp: 2628

Ion	Ratio	Lower	Upper
58	100		
85	473.7	28.6	42.8#
100	0.0	27.3	40.9#

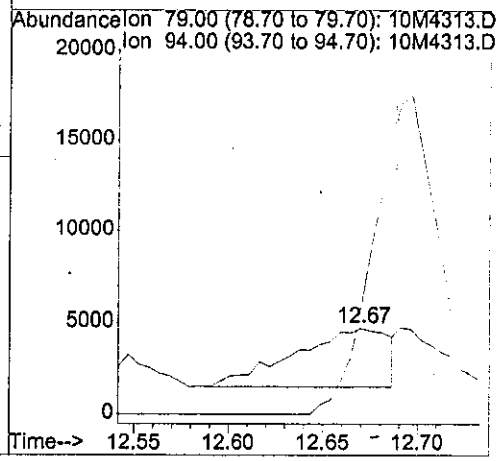


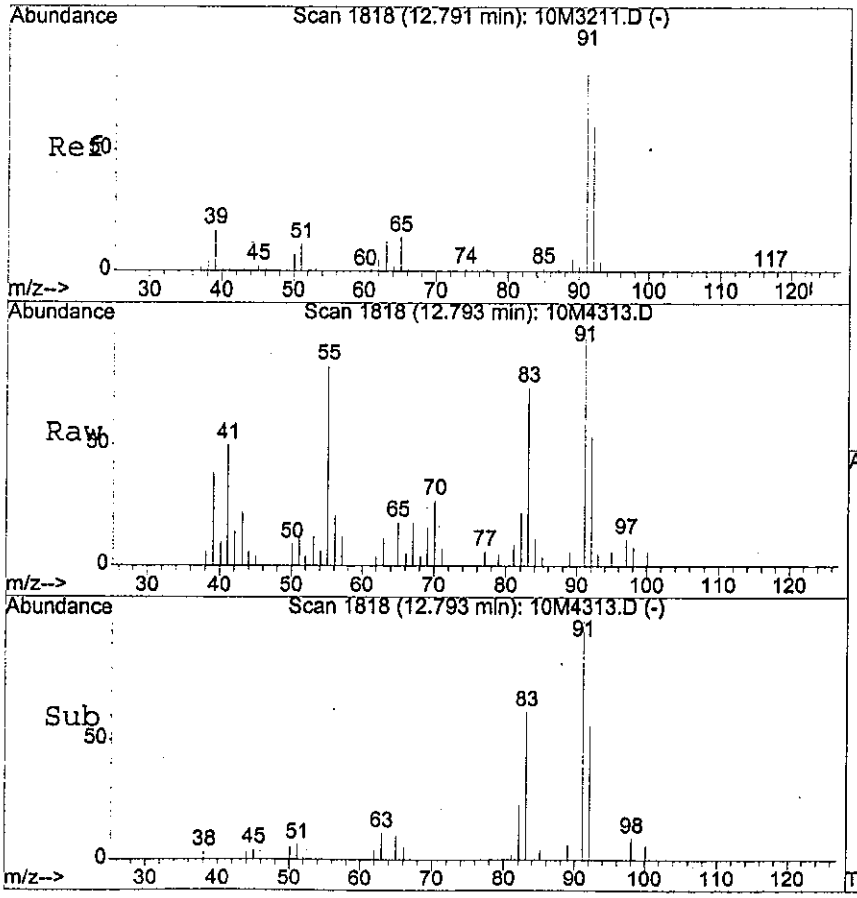


#43
Dimethyl Disulfide
Concen: 8.69 ug/L
RT: 12.67 min Scan# 1795
Delta R.T. 0.04 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 79 Resp: 10944

Ion	Ratio	Lower	Upper
79	100		
94	385.3	174.9	262.3#

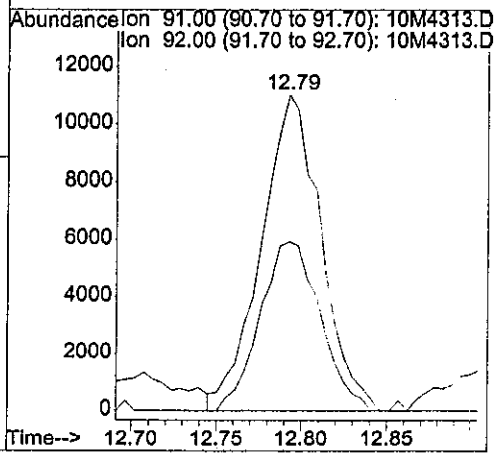


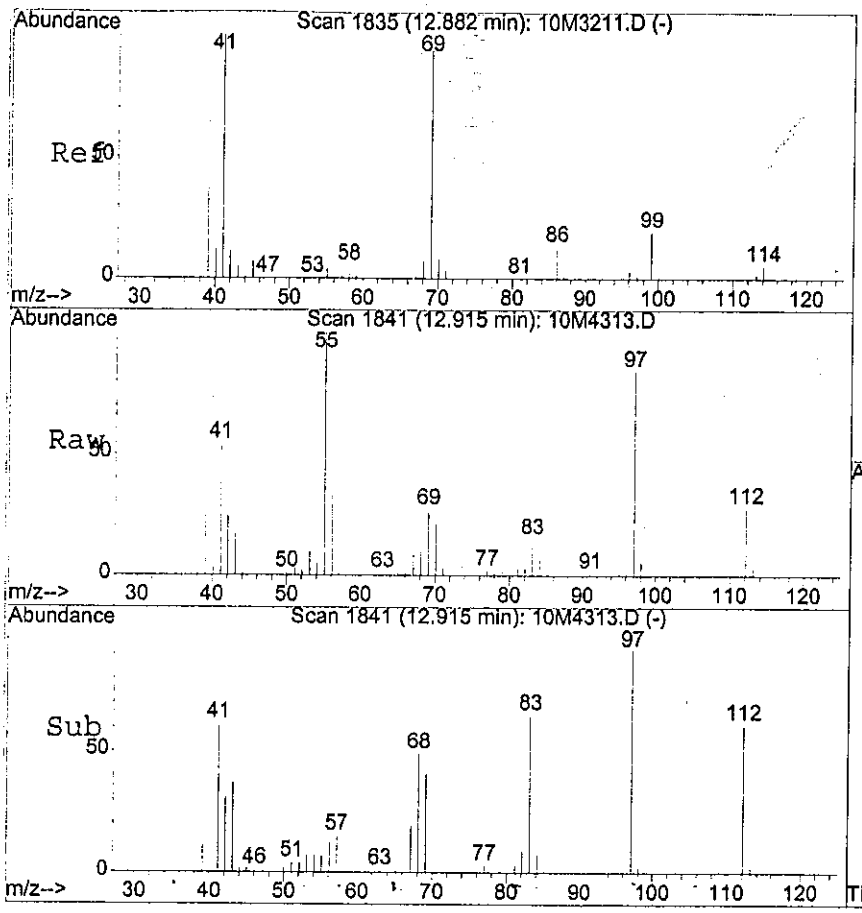


#46
Toluene
Concen: 4.51 ug/L
RT: 12.79 min Scan# 1818
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 91 Resp: 26872

Ion	Ratio	Lower	Upper
91	100		
92	54.2	47.3	70.9

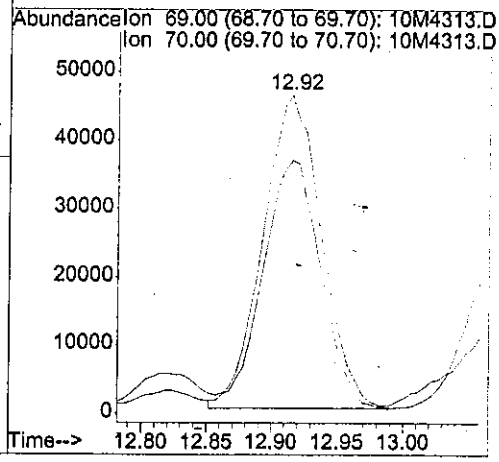


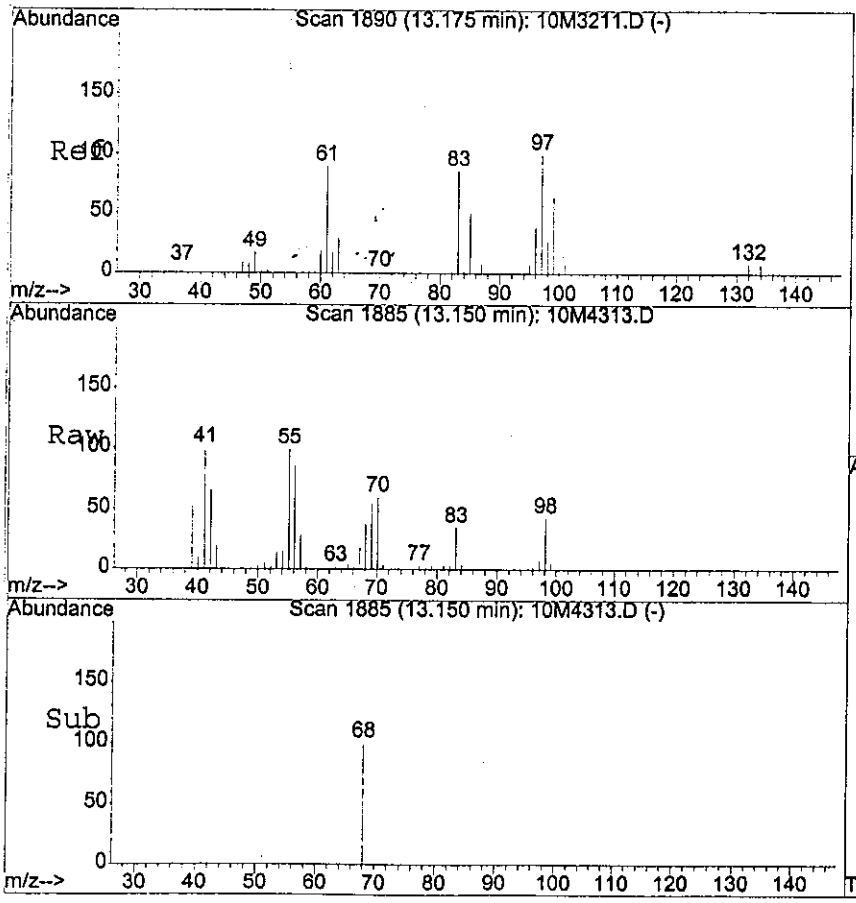


#47
Ethyl Methacrylate
Concen: 120.50 ug/L
RT: 12.92 min Scan# 1841
Delta R.T. 0.03 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 69 Resp: 142640

Ion	Ratio	Lower	Upper
69	100		
70	78.5	6.3	9.5#

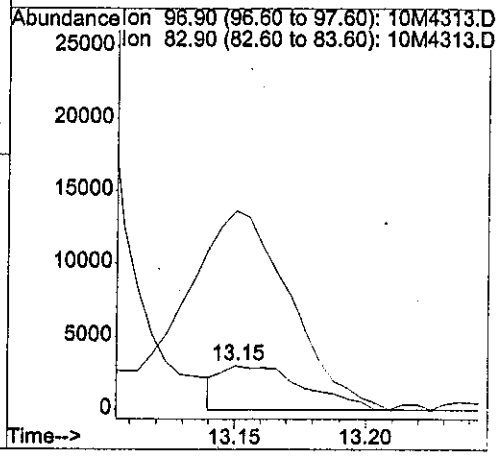


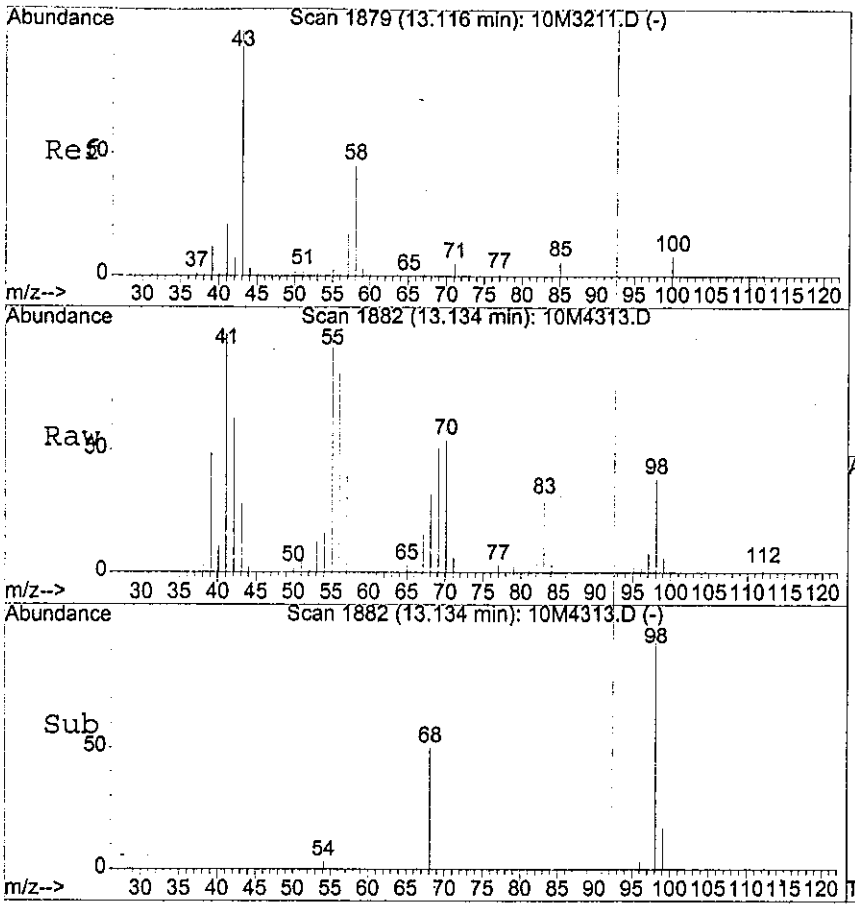


#49
1,1,2-Trichloroethane
Concen: 7.72 ug/L
RT: 13.15 min Scan# 1885
Delta R.T. -0.03 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 97 Resp: 6687

Ion	Ratio	Lower	Upper
97	100		
83	572.5	67.0	100.4#

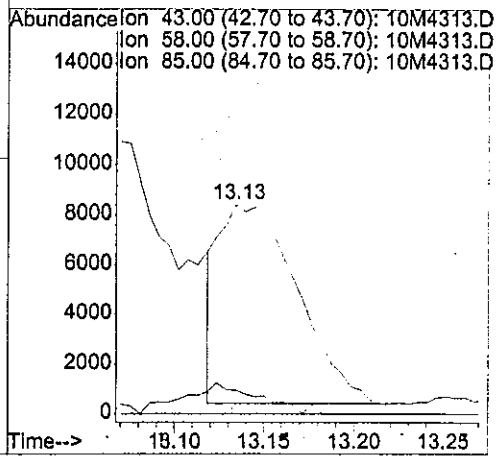


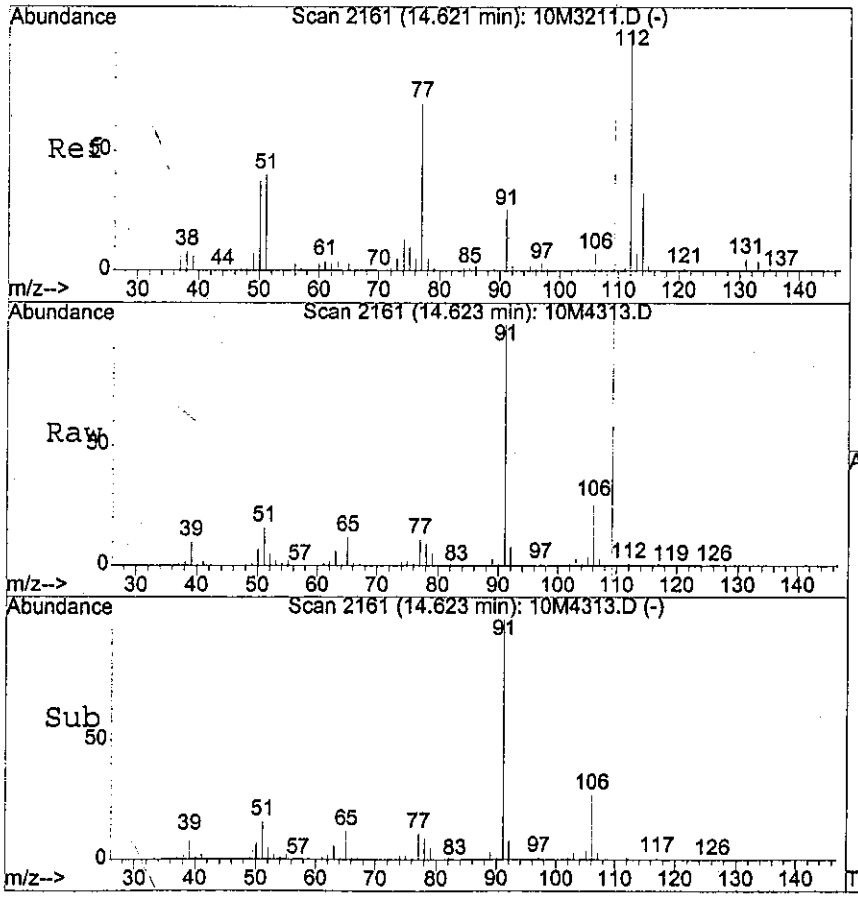


#50
2-Hexanone
Concen: 44.13 ug/L
RT: 13.13 min Scan# 1882
Delta R.T. 0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 43 Resp: 24514

Ion	Ratio	Lower	Upper
43	100		
58	14.7	38.6	58.0#
85	0.0	4.7	7.1#

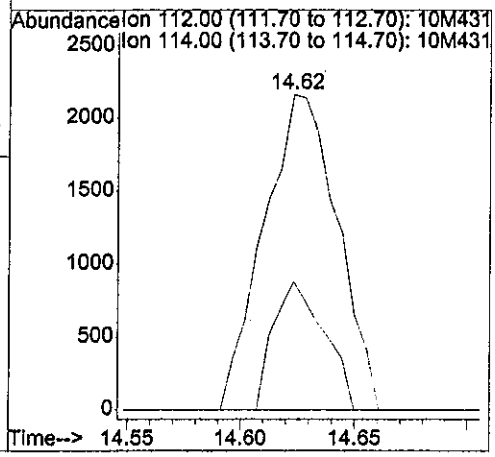


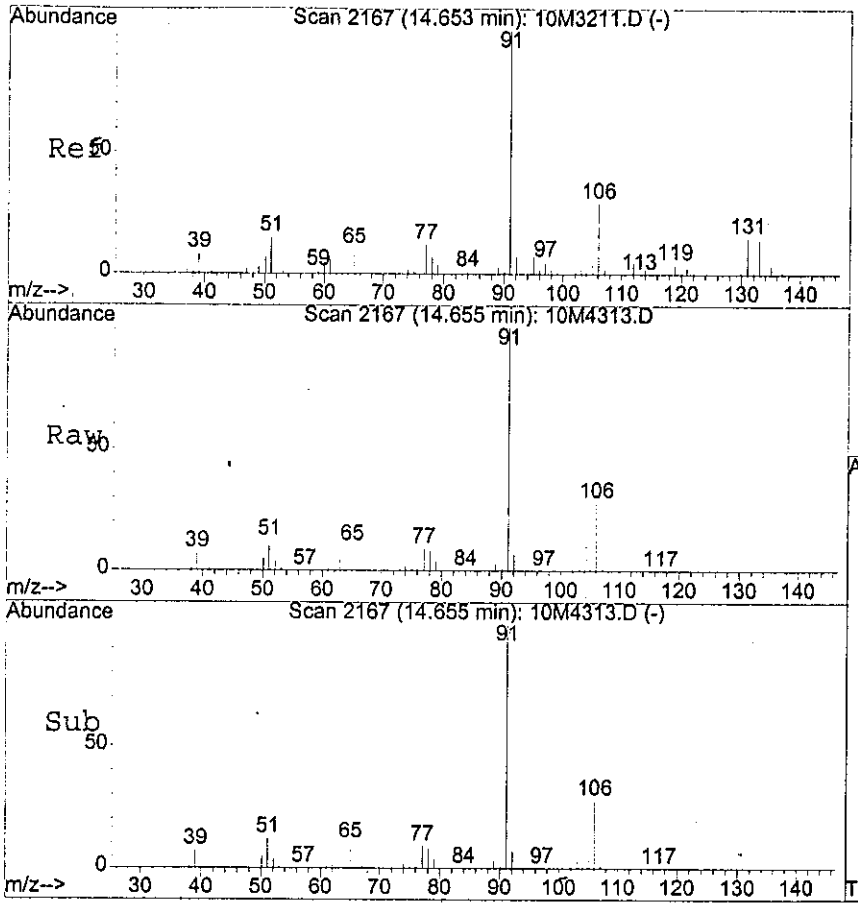


#56
Chlorobenzene
Concen: 1.18 ug/L
RT: 14.62 min Scan# 2161
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:112 Resp: 4839

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.6	38.4#

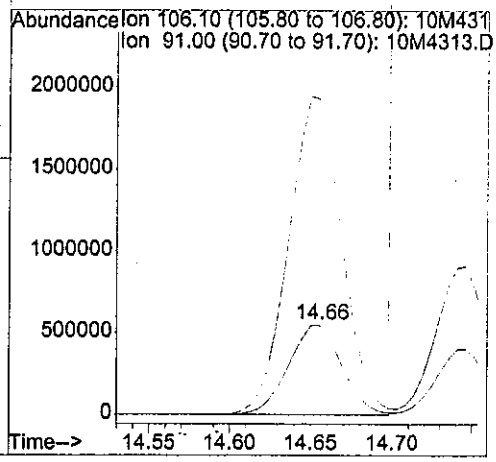


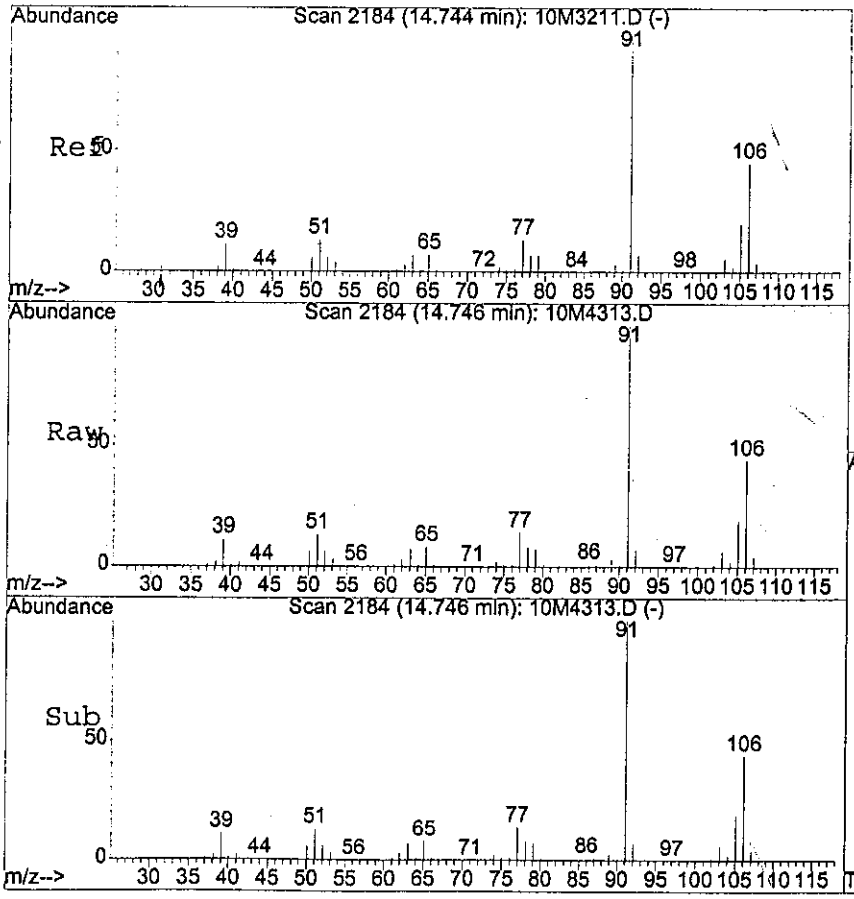


#58
Ethylbenzene
Concen: 575.26 ug/L
RT: 14.66 min Scan# 2167
Delta R.T. 0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:106 Resp: 1235705

Ion	Ratio	Lower	Upper
106	100		
91	355.7	251.4	377.2

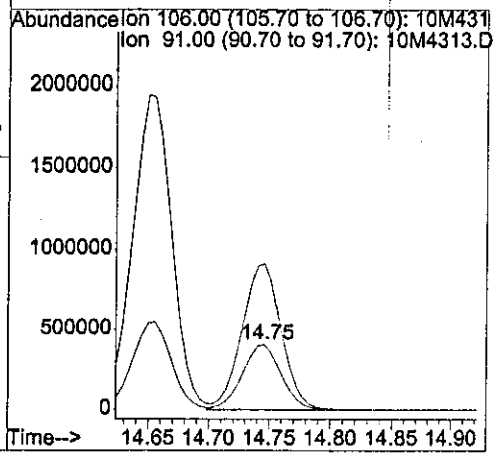


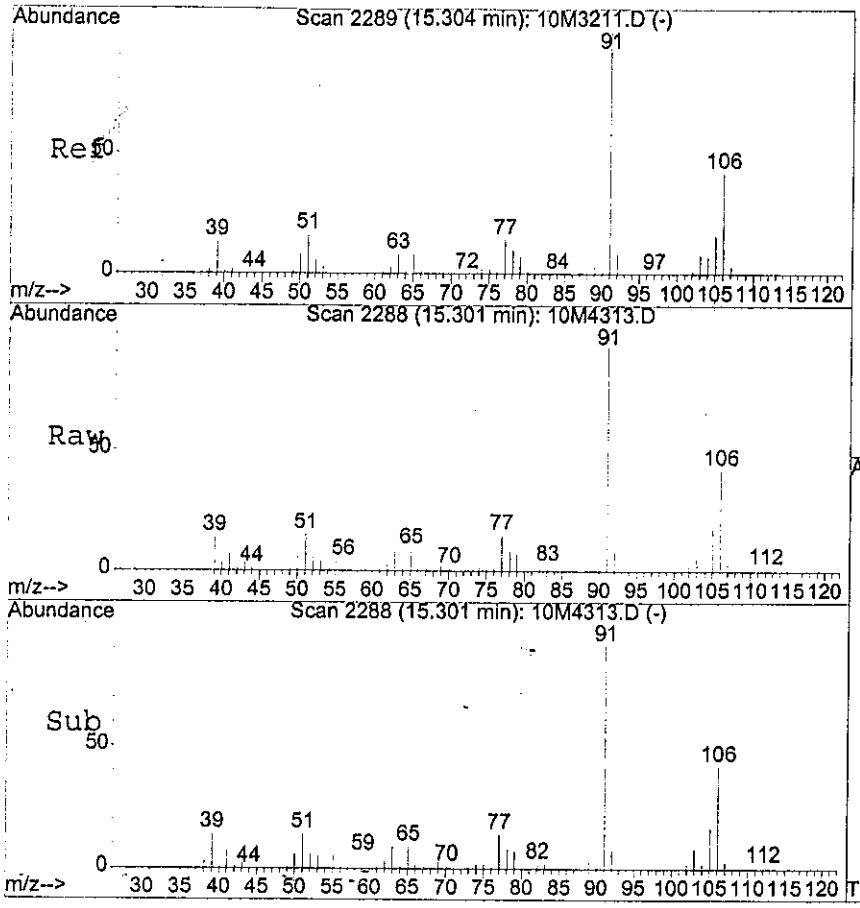


#59
m-,p-Xylene
Concen: 345.21 ug/L
RT: 14.75 min Scan# 2184
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:106 Resp: 916539

Ion	Ratio	Lower	Upper
106	100		
91	224.0	153.8	230.6

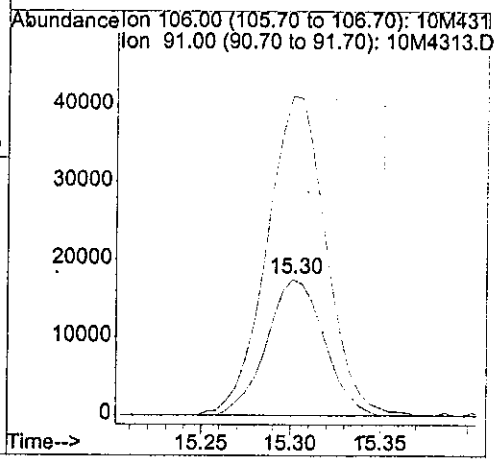


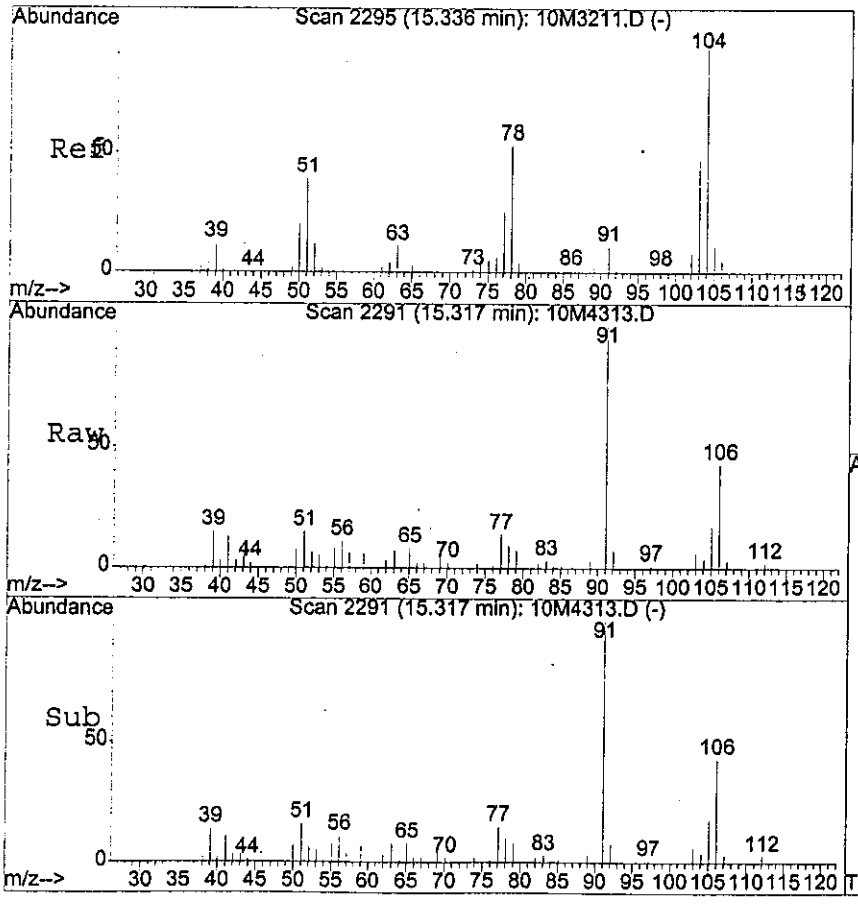


#60
o-Xylene
Concen: 14.91 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:106 Resp: 39093

Ion	Ratio	Lower	Upper
106	100		
91	241.2	163.8	245.8

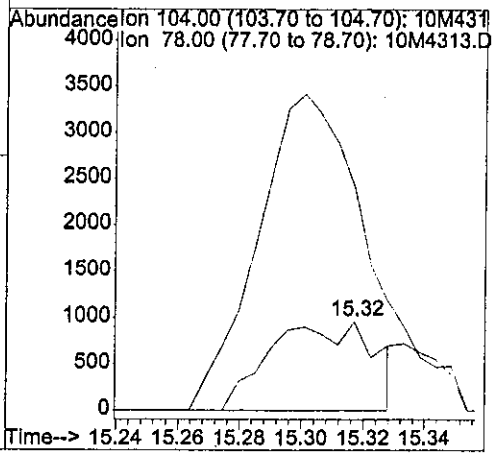


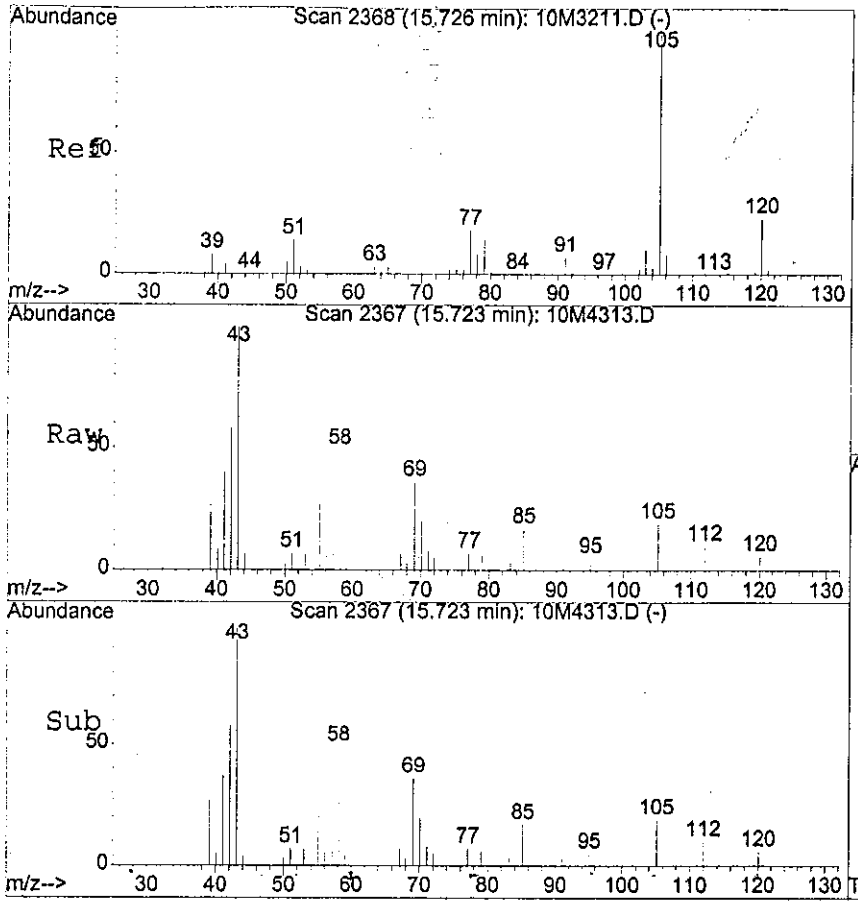


#61
Styrene
Concen: 0.54 ug/L
RT: 15.32 min Scan# 2291
Delta R.T. -0.02 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:104 Resp: 2227

Ion	Ratio	Lower	Upper
104	100		
78	385.2	38.4	57.6#

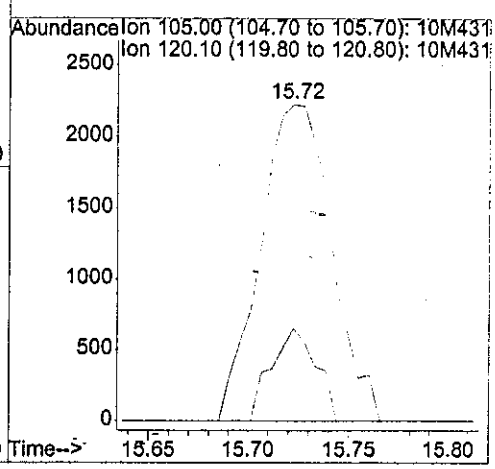


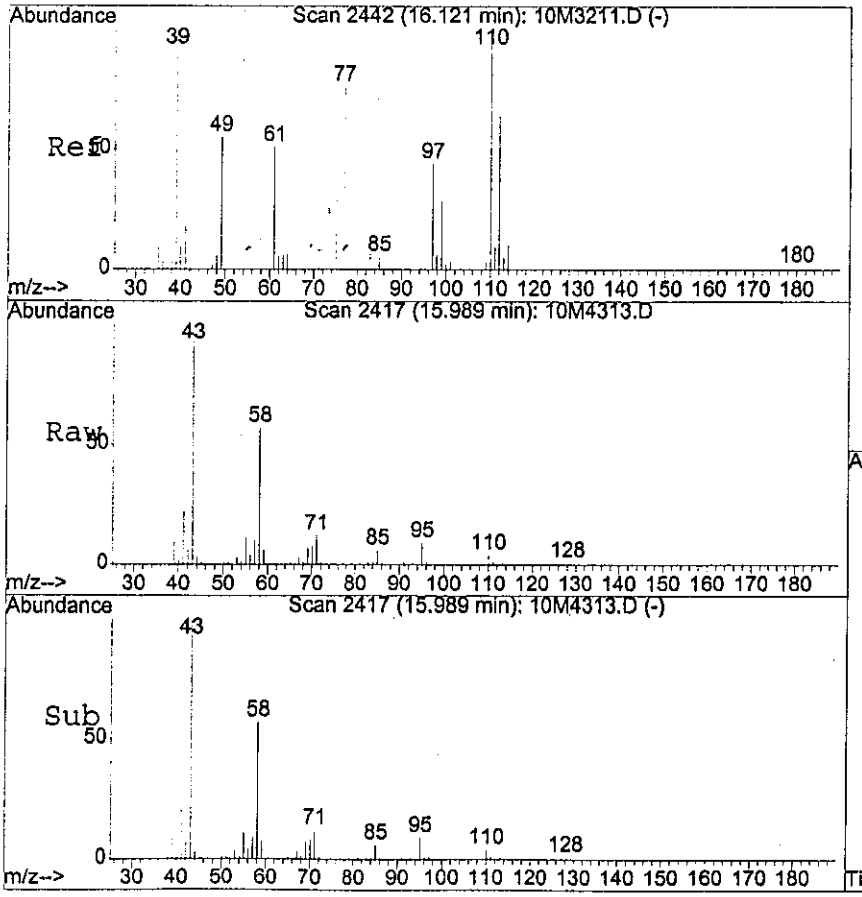


#63
Isopropylbenzene
Concen: 0.76 ug/L
RT: 15.72 min Scan# 2367
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:105 Resp: 5482

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.2	33.4#

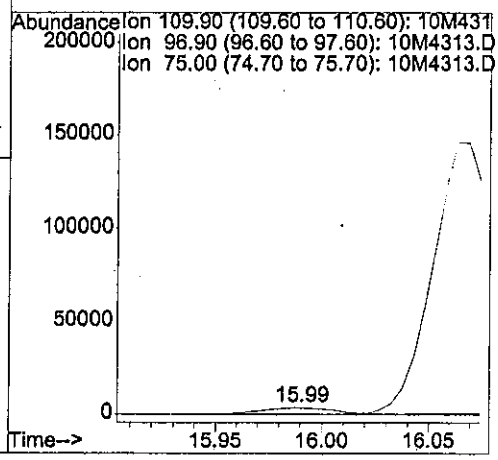


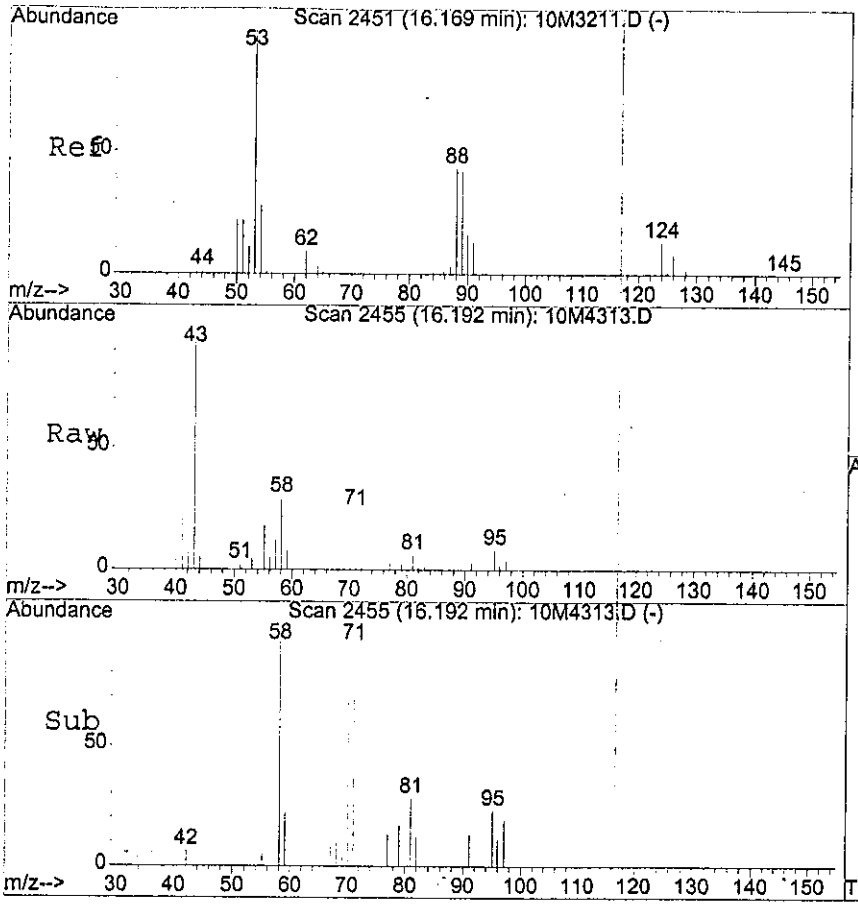


#67
1,2,3-Trichloropropane
Concen: 30.04 ug/L
RT: 15.99 min Scan# 2417
Delta R.T. -0.14 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:110 Resp: 8078

Ion	Ratio	Lower	Upper
110	100		
97	24.3	38.2	57.2#
75	3822.7	257.4	386.2#

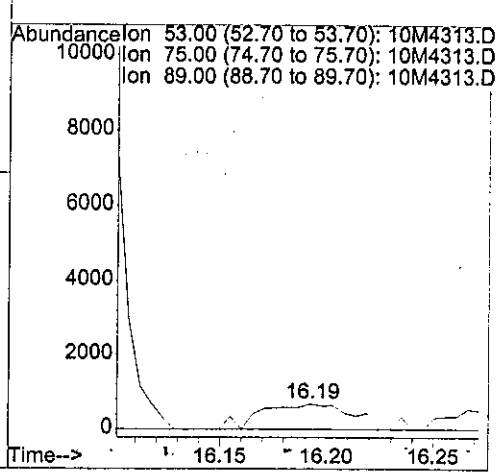


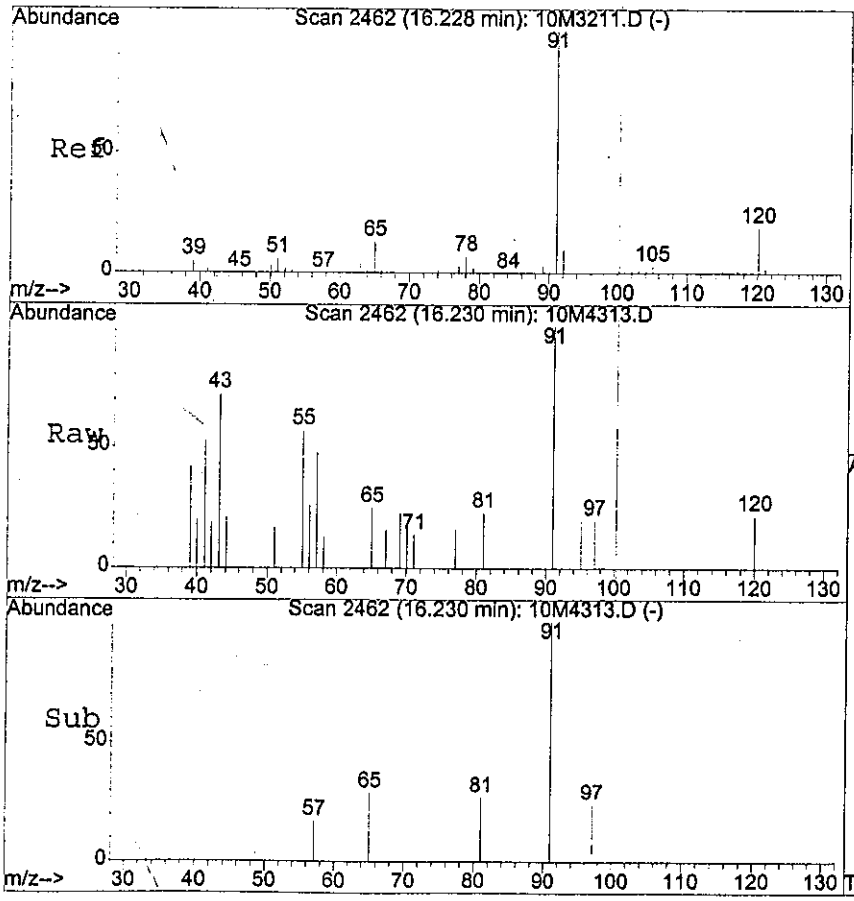


#68
trans-1,4-Dichloro-2-Butene
Concen: 4.88 ug/L
RT: 16.19 min Scan# 2455
Delta R.T. 0.02 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 53 Resp: 1954

Ion	Ratio	Lower	Upper
53	100		
75	0.0	219.6	329.4#
89	0.0	43.1	64.7#

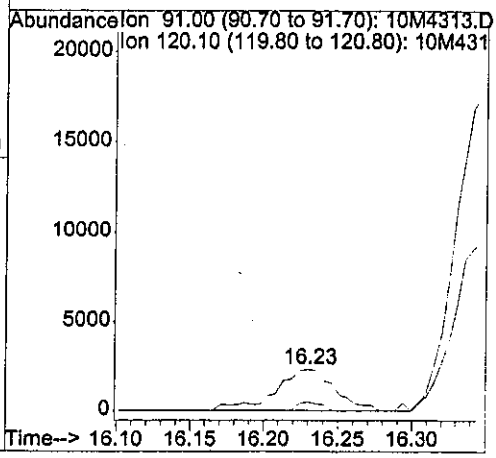


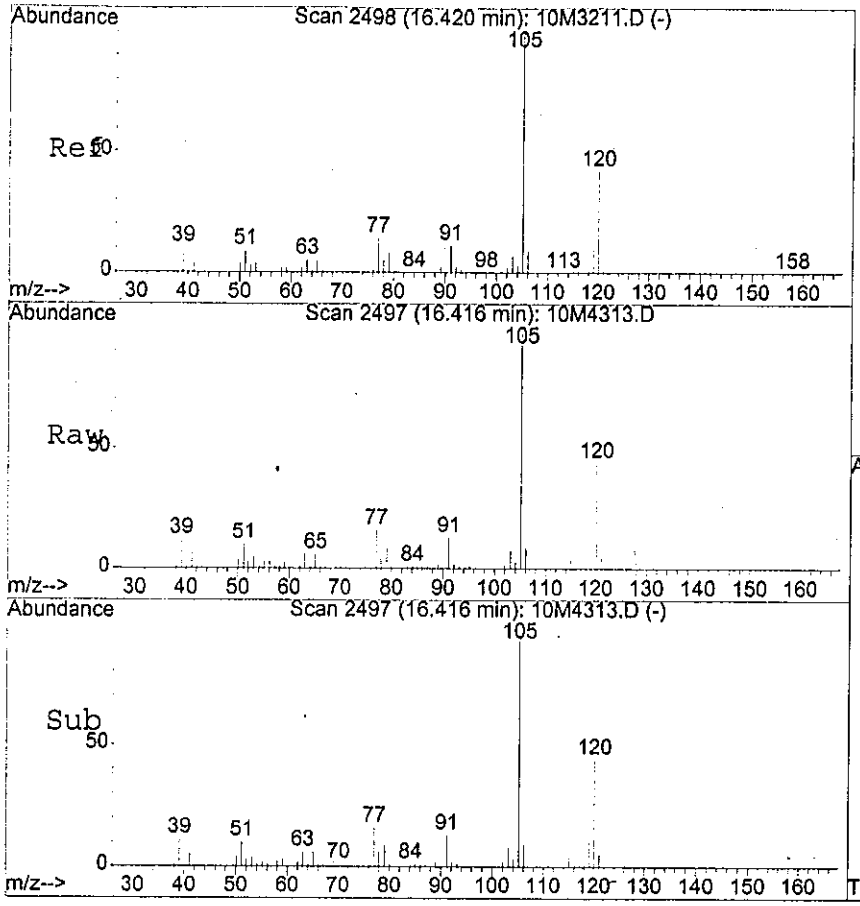


#69
n-Propylbenzene
Concen: 0.82 ug/L
RT: 16.23 min Scan# 2462
Delta R.T. 0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 91 Resp: 6452

Ion	Ratio	Lower	Upper
91	100		
120	0.0	19.0	28.6#

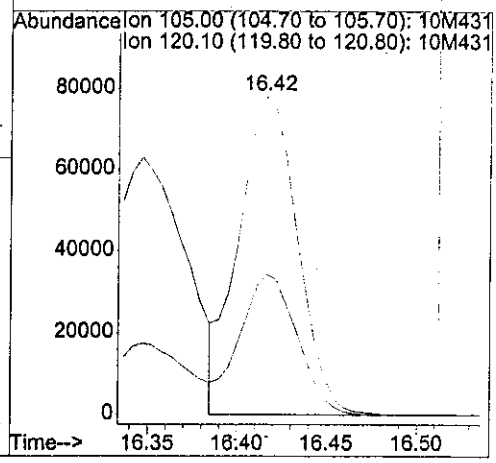


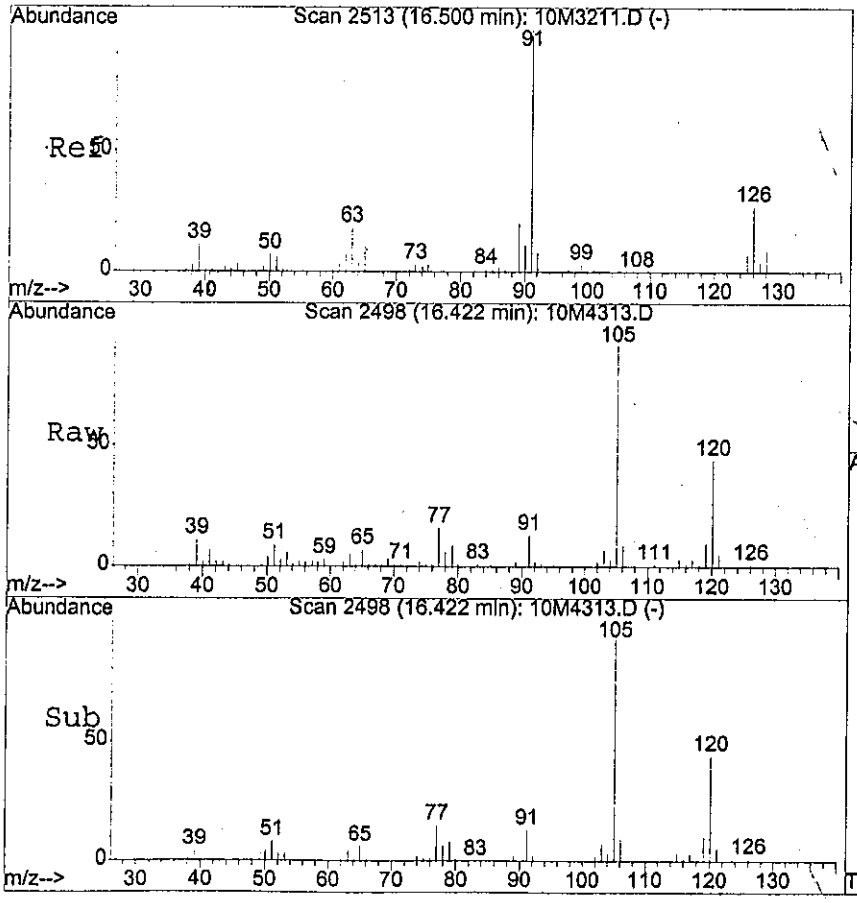


#71
1,3,5-Trimethylbenzene
Concen: 33.82 ug/L
RT: 16.42 min Scan# 2497
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:105 Resp: 179187

Ion	Ratio	Lower	Upper
105	100		
120	43.2	41.4	62.2

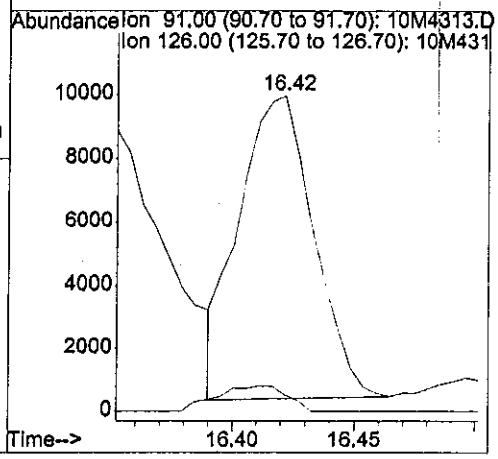


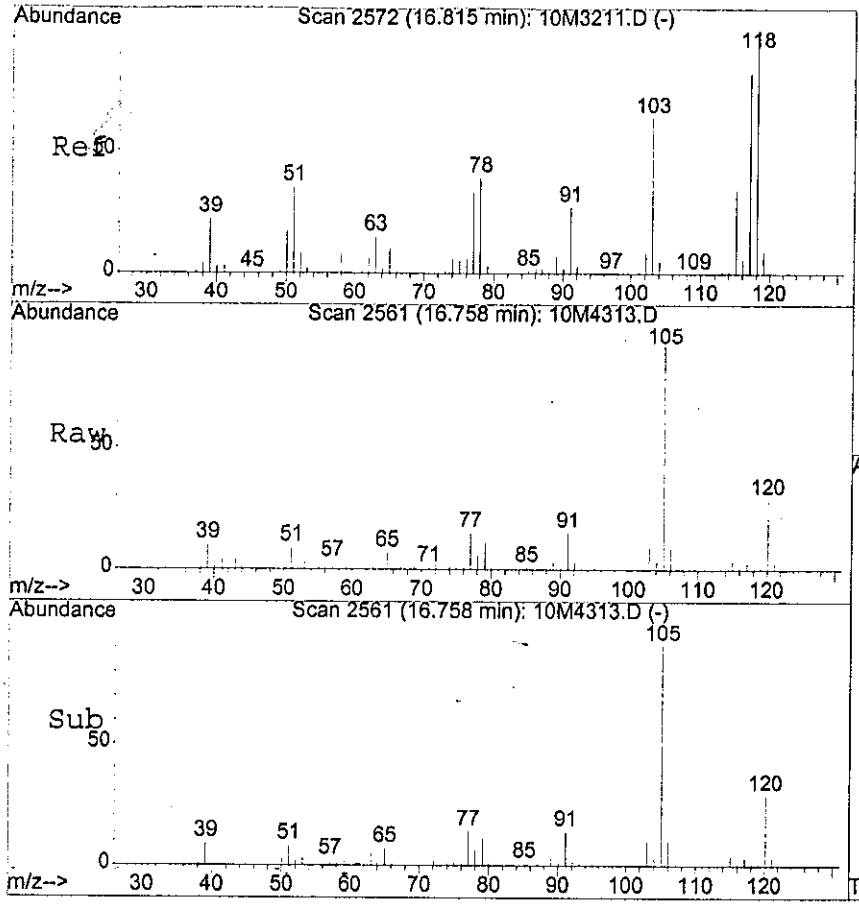


#72
2-Chlorotoluene
Concen: 3.81 ug/L
RT: 16.42 min Scan# 2498
Delta R.T. -0.08 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 91 Resp: 20580

Ion	Ratio	Lower	Upper
91	100		
126	8.0	30.7	46.1#

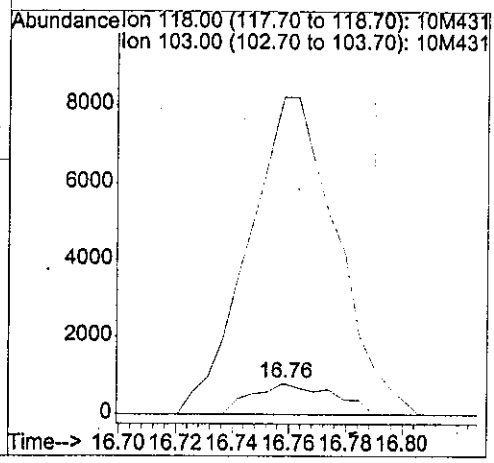


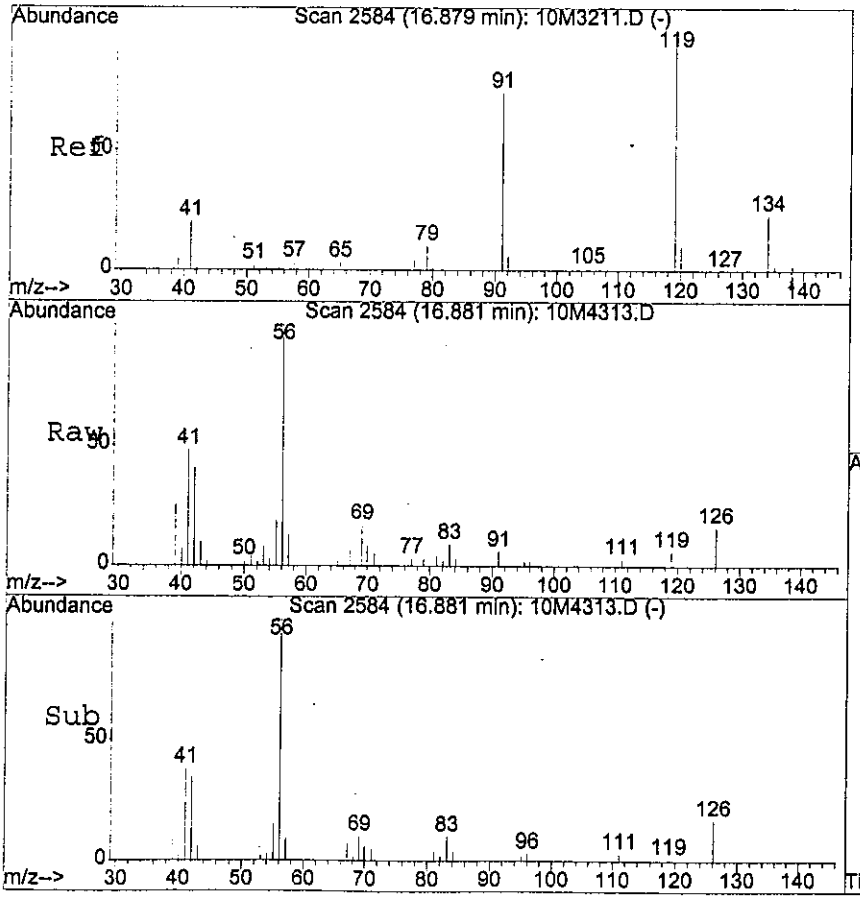


#74
a-Methylstyrene
Concen: 0.57 ug/L
RT: 16.76 min Scan# 2561
Delta R.T. -0.06 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:118 Resp: 1581

Ion	Ratio	Lower	Upper
118	100		
103	1122.7	44.8	67.2#

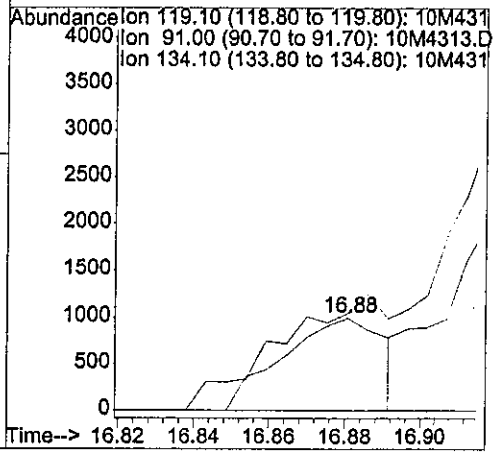


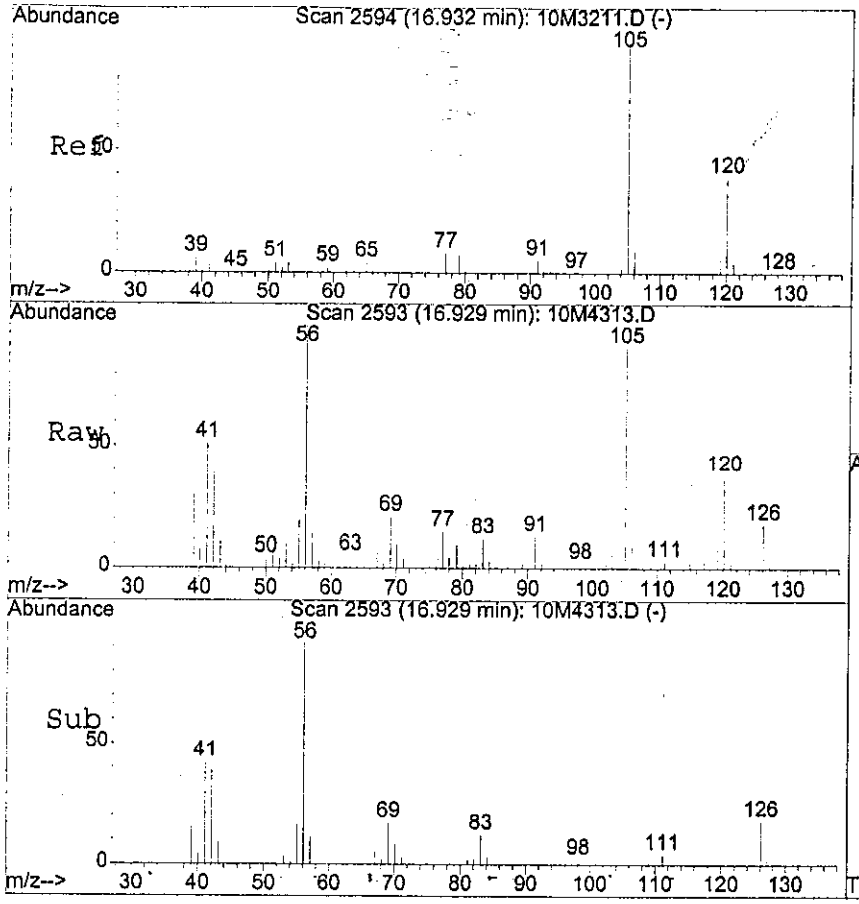


#75
tert-Butylbenzene
Concen: 0.39 ug/L
RT: 16.88 min Scan# 2584
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:119 Resp: 1831

Ion	Ratio	Lower	Upper
119	100		
91	133.5	38.6	57.8#
134	0.0	18.9	28.3#

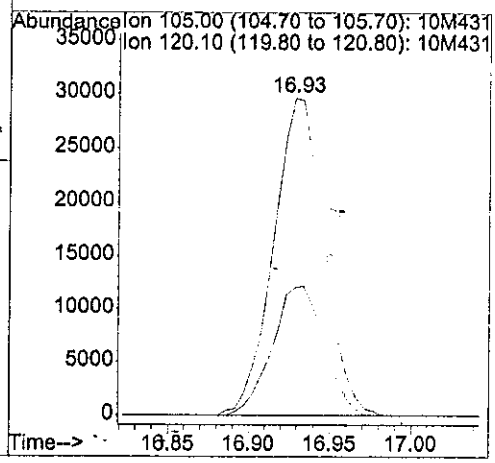


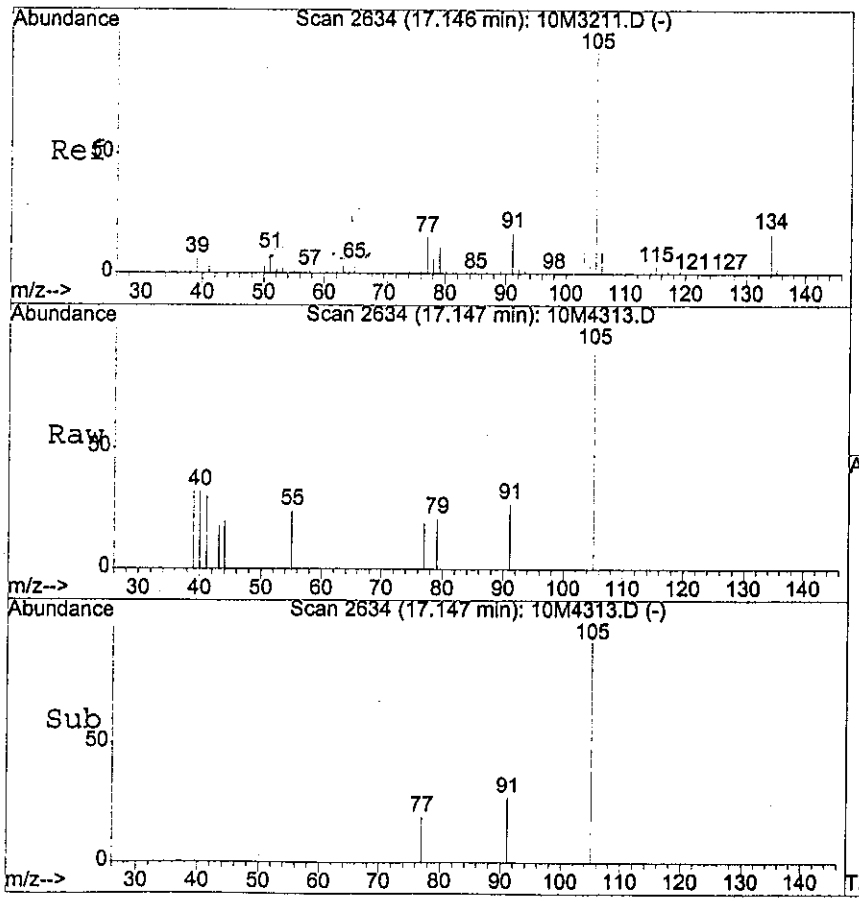


#76
1,2,4-Trimethylbenzene
Concen: 10.91 ug/L
RT: 16.93 min Scan# 2593
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:105 Resp: 64703

Ion	Ratio	Lower	Upper
105	100		
120	41.7	39.0	58.6

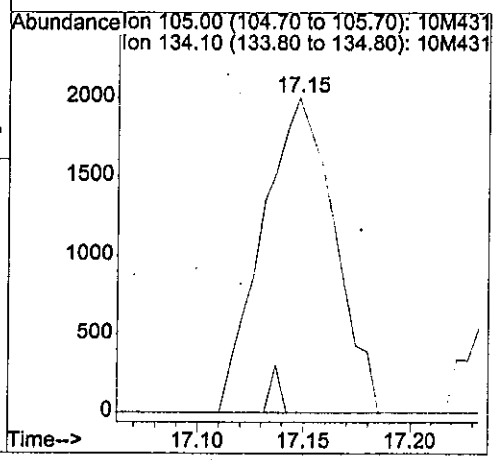


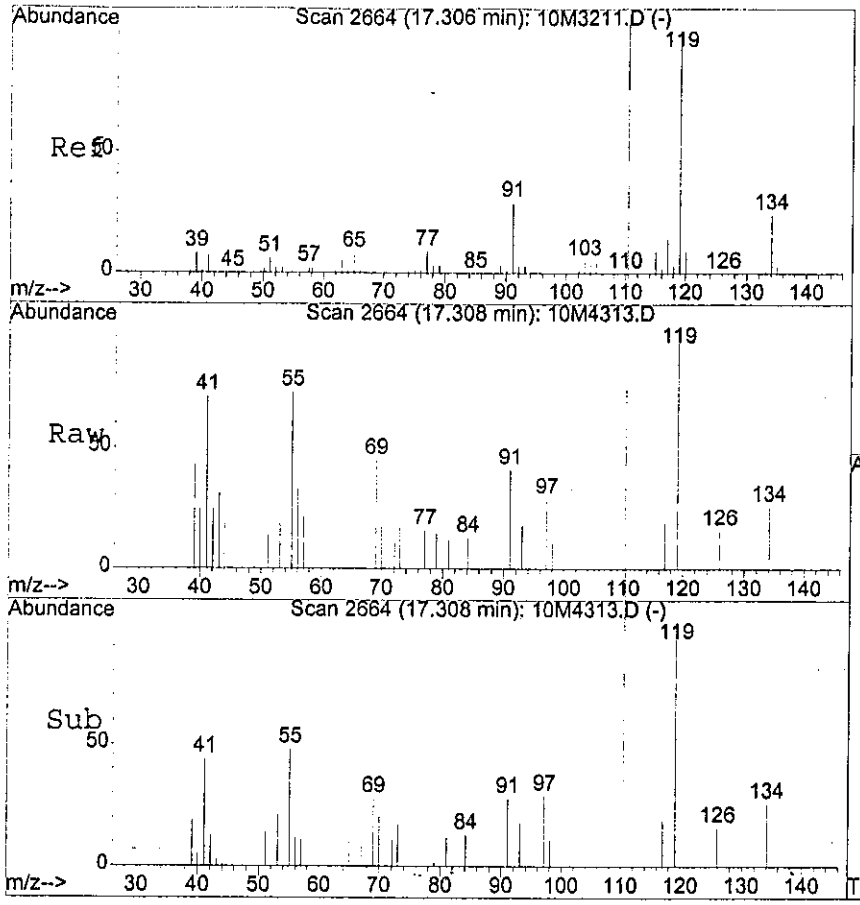


#77
sec-Butylbenzene
Concen: 0.72 ug/L
RT: 17.15 min Scan# 2634
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:105 Resp: 4705

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.4#

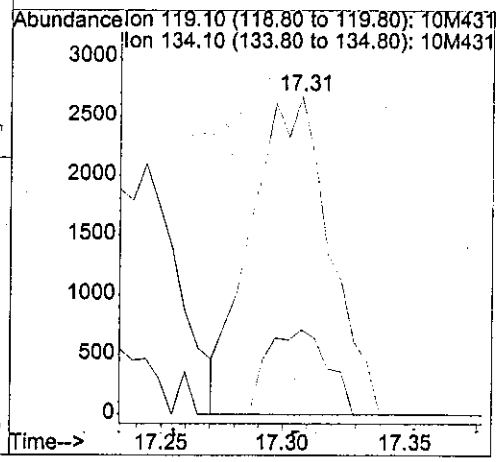


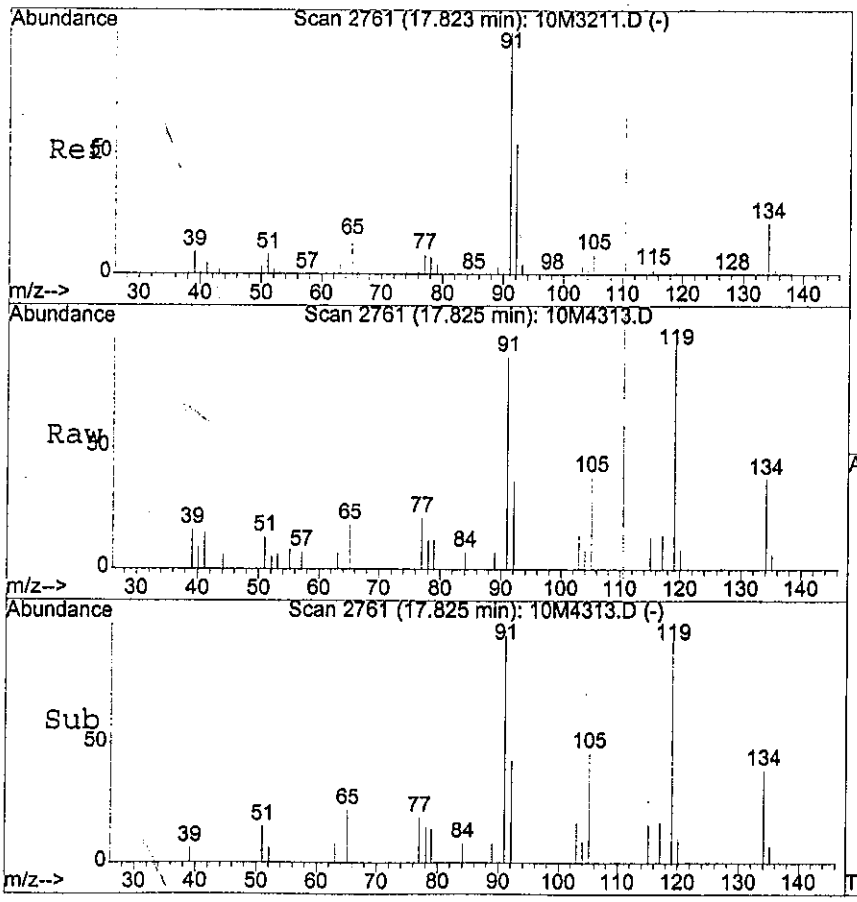


#78
p-Isopropyltoluene
Concen: 1.01 ug/L
RT: 17.31 min Scan# 2664
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:119 Resp: 5971

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.8	32.6#

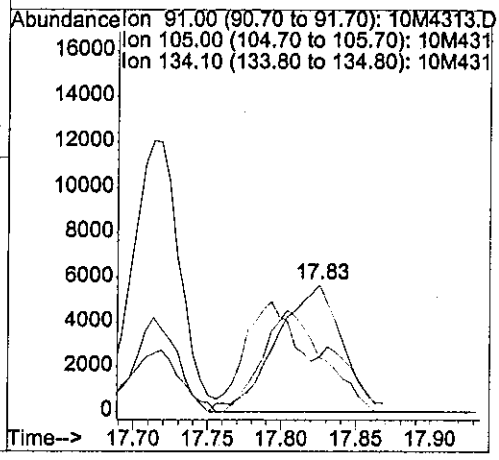


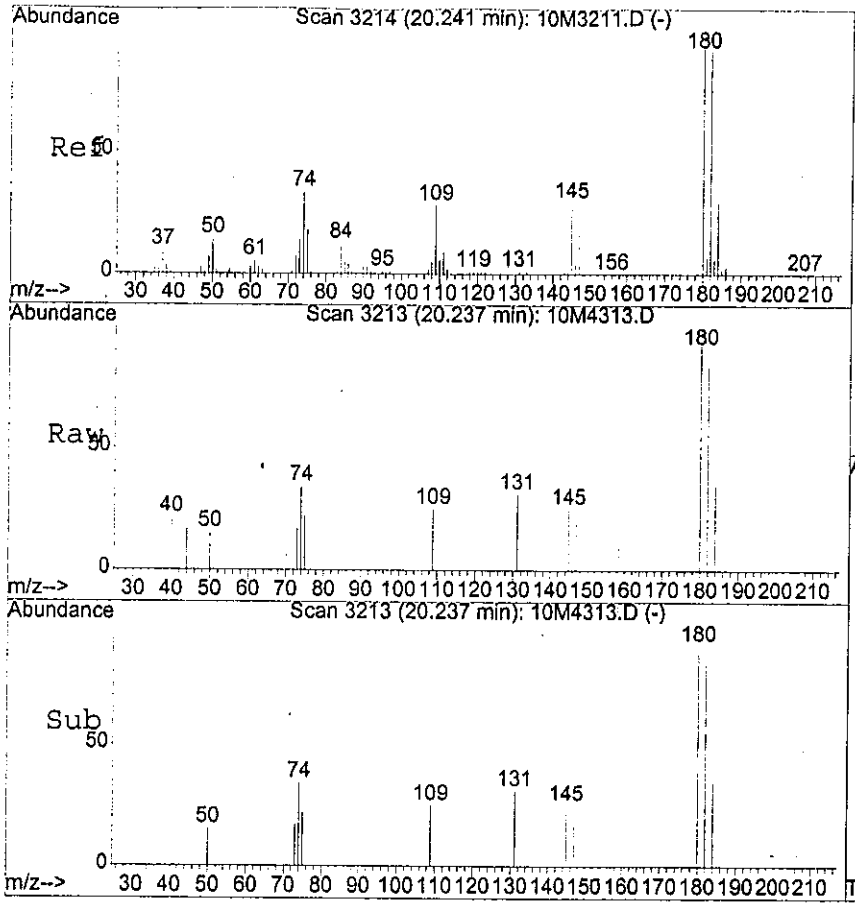


#81
n-Butylbenzene
Concen: 3.18 ug/L
RT: 17.83 min Scan# 2761
Delta R.T. 0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion: 91 Resp: 17140

Ion	Ratio	Lower	Upper
91	100		
105	57.7	6.9	10.3#
134	75.4	22.0	33.0#

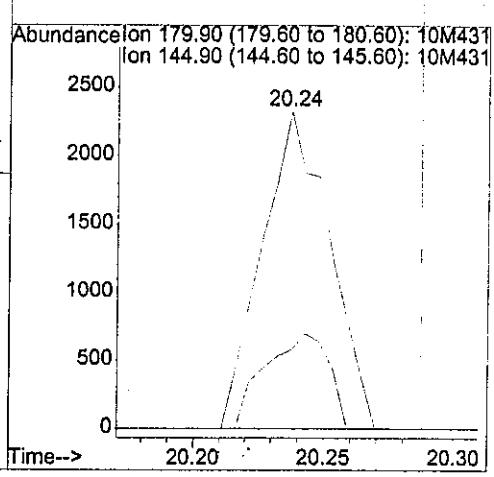


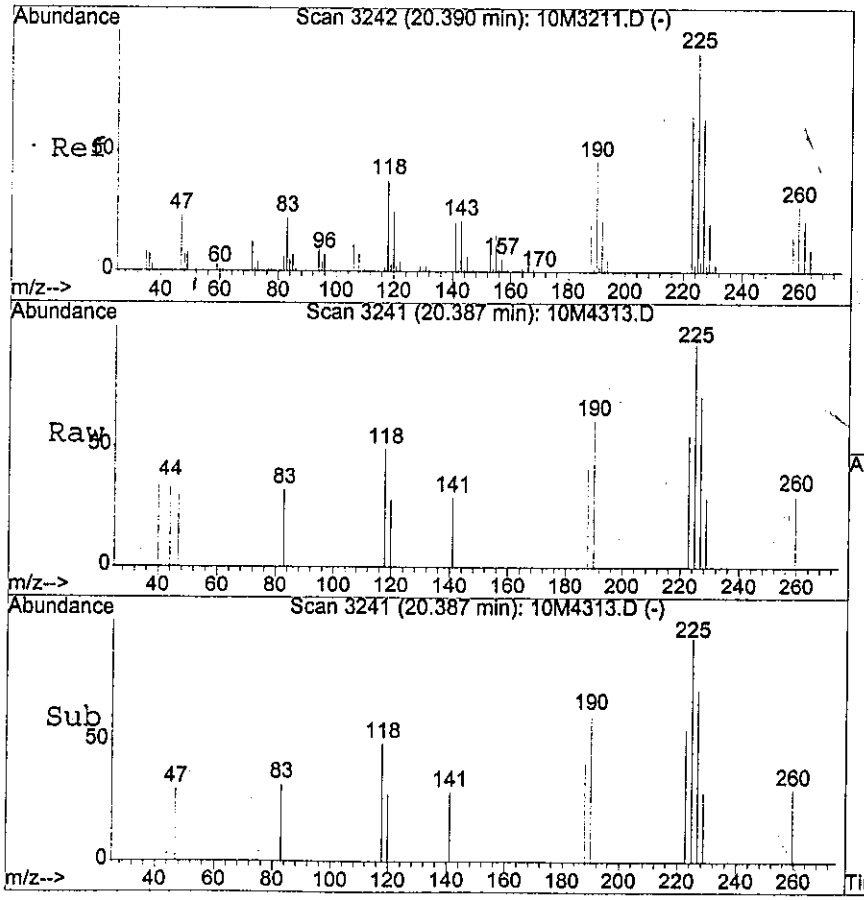


#84
1,2,4-Trichlorobenzene
Concen: 2.14 ug/L
RT: 20.24 min Scan# 3213
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:180 Resp: 4163

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.6	37.0#

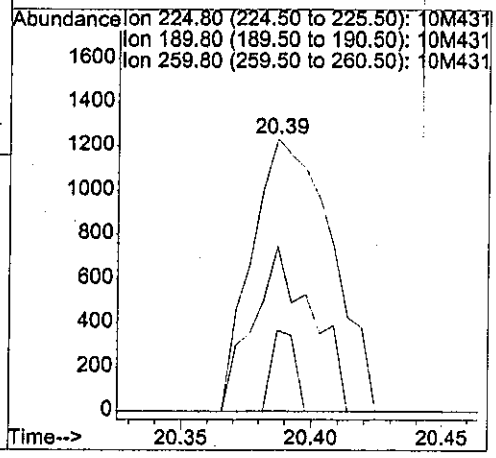


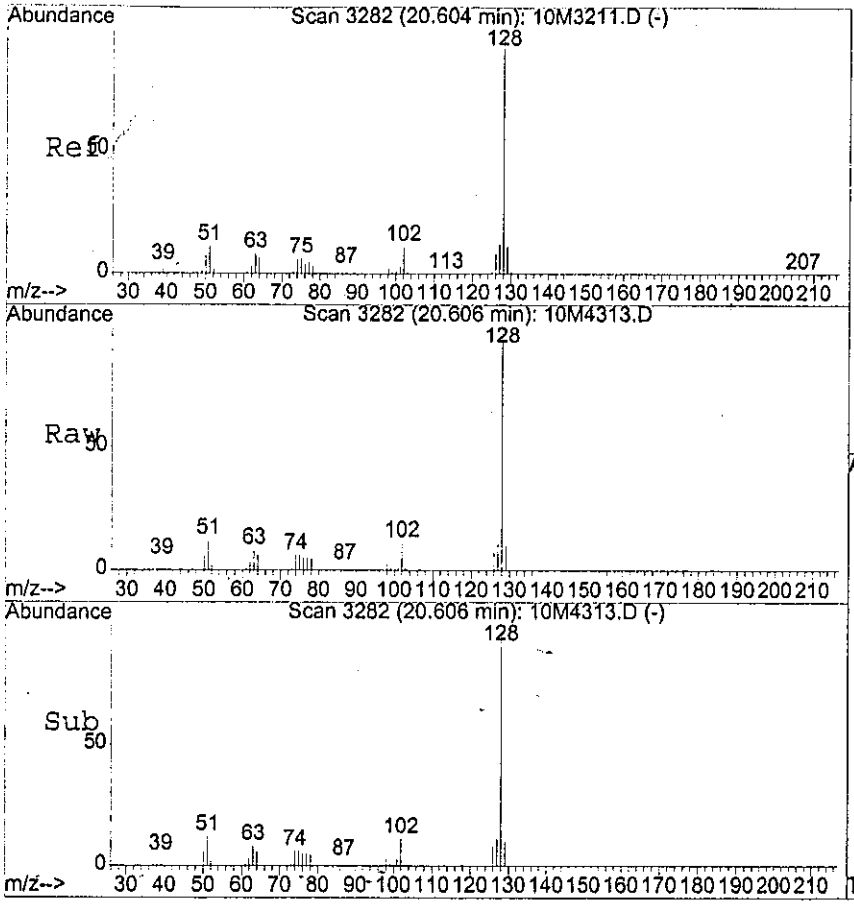


#85
Hexachlorobutadiene
Concen: 2.71 ug/L
RT: 20.39 min Scan# 3241
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:225 Resp: 2605

Ion	Ratio	Lower	Upper
225	100		
190	0.0	39.9	59.9#
260	0.0	23.3	34.9#

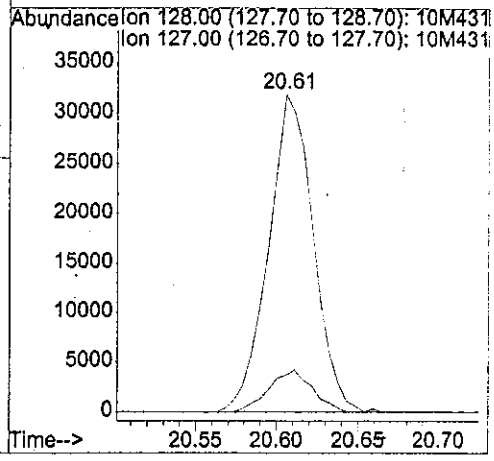


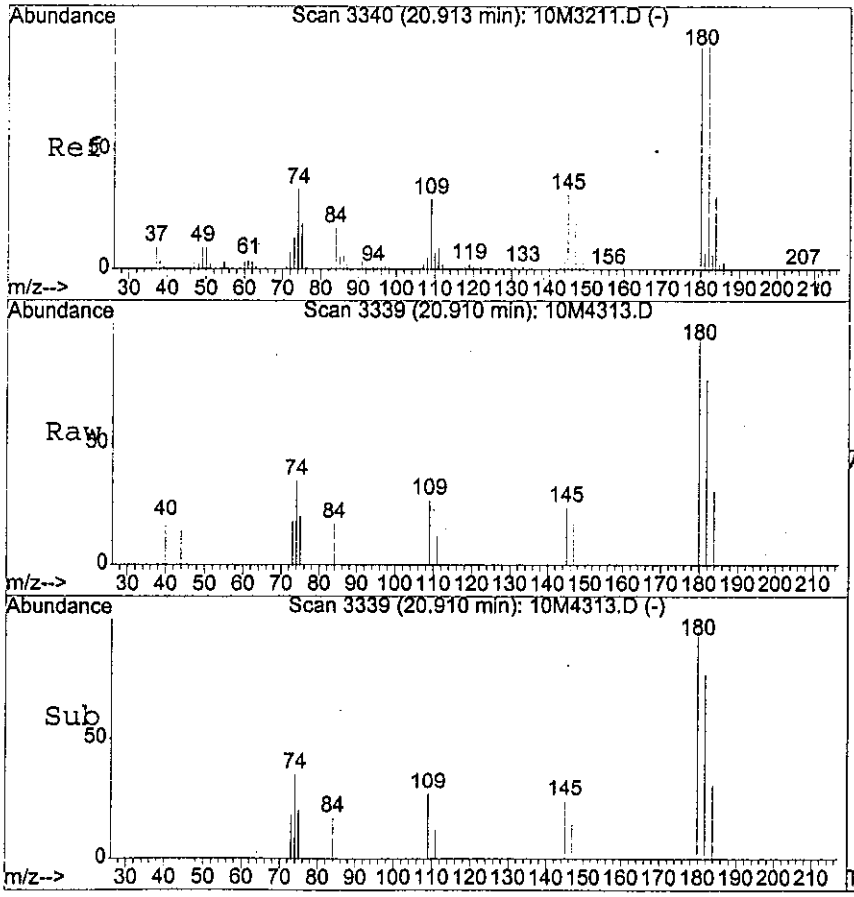


#86
Naphthalene
Concen: 24.67 ug/L
RT: 20.61 min Scan# 3282
Delta R.T. -0.00 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:128 Resp: 61075

Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.2	15.4

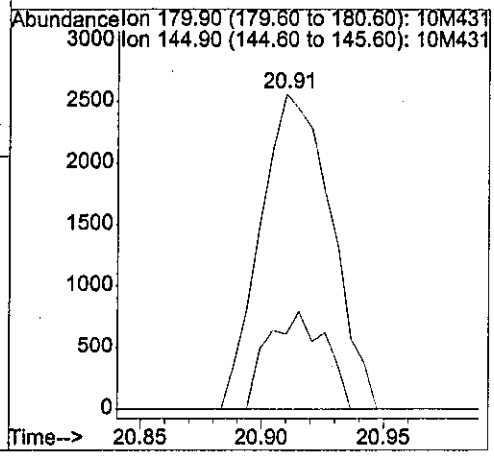




#87
1,2,3-Trichlorobenzene
Concen: 3.80 ug/L
RT: 20.91 min Scan# 3339
Delta R.T. -0.01 min
Lab File: 10M4313.D
Acq: 21 Jun 2000 10:54

Tgt Ion:180 Resp: 5162

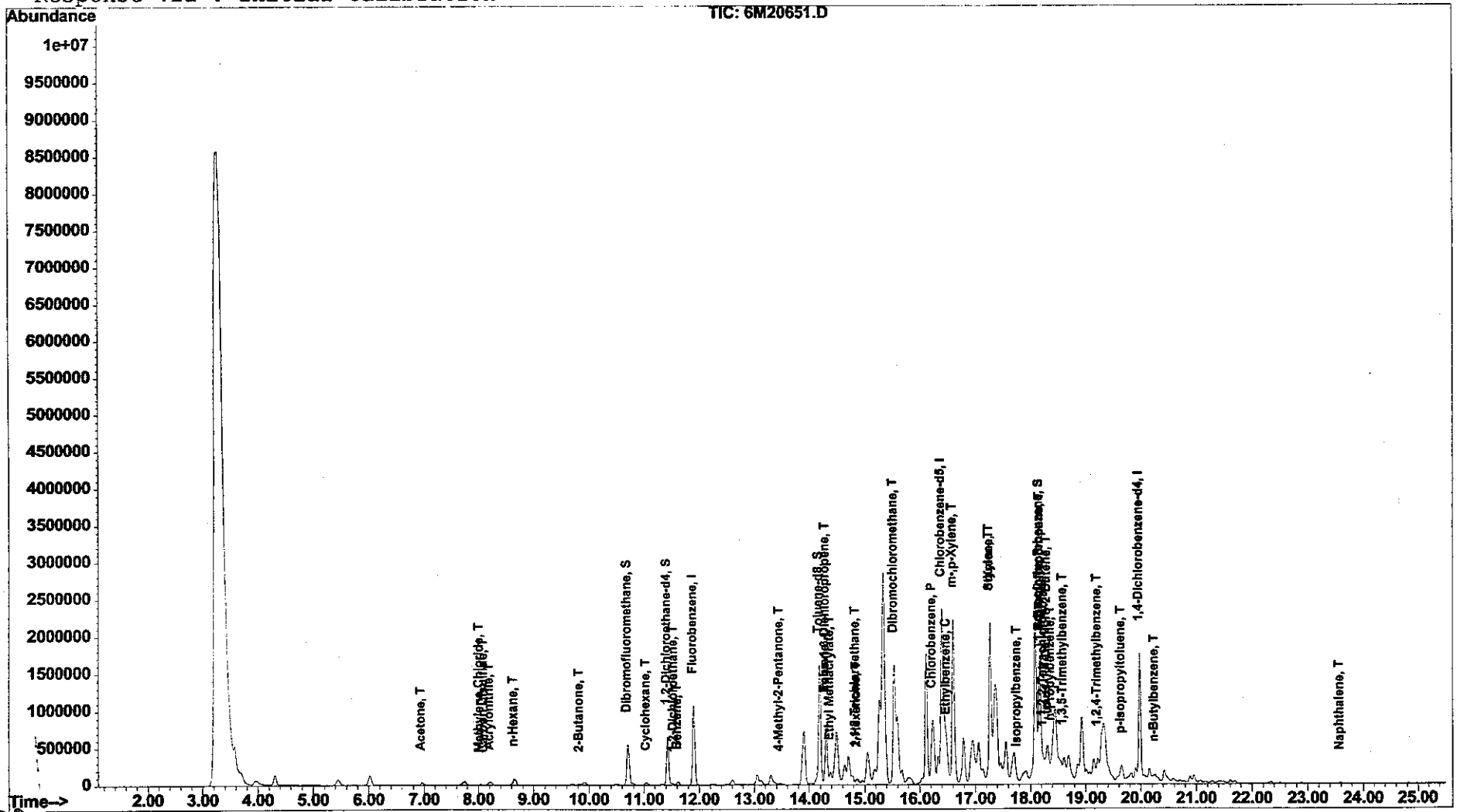
Ion	Ratio	Lower	Upper
180	100		
145	0.0	25.7	38.5#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20651.D Vial: 12
Acq On : 19 Jun 2000 15:08 Operator: CMS
Sample : L0006193-06 A IT CORP 826-SPE-VO 5.7G/5M Inst : HPMS6
Misc : SOLID,0.9 (398-PPG-TANK-FARM) Multiplr: 0.90
MS Integration Params: rteint.p
Quant Time: Jun 19 15:34 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20651.D Vial: 12
Acq On : 19 Jun 2000 15:08 Operator: CMS
Sample : L0006193-06 A IT CORP 826-SPE-VO 5.7G/5M Inst : HPMS6
Misc : SOLID,0.9 (398-PPG-TANK-FARM) Multiplr: 0.90
MS Integration Params: rteint.p
Quant Time: Jun 19 15:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1415175	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1106420	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	610145	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.71	111	473322	44.57	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.14%			
33) 1,2-Dichloroethane-d4	11.43	65	615491	48.27	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.54%			
45) Toluene-d8	14.19	98	1525182	46.31	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 92.62%			
66) p-Bromofluorobenzene	18.17	95	686689	50.24	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 100.48%			
Target Compounds						Qvalue
11) Acetone	6.96	43	75796	26.28	ug/kg# NR	70
15) Methylene Chloride	8.04	84	5063	0.67	ug/kg# J	63
16) Carbon Disulfide	8.11	76	9732	0.32	ug/kg#	79
17) Acrylonitrile	8.21	53	2658	0.61	ug/kg#	12
20) n-Hexane	8.65	57	73022	3.94	ug/kg	97
23) 2-Butanone	9.84	43	26810	4.52	ug/kg# BDL J	91
30) Cyclohexane	11.05	56	32676	1.55	ug/kg#	82
34) 1,2-Dichloroethane	11.56	62	4493	0.28	ug/kg#	39
35) Benzene	11.62	78	52171	1.59	ug/kg# J	86
41) 4-Methyl-2-Pentanone	13.46	58	4374	1.21	ug/kg#	74
46) Toluene	14.30	91	762599	20.91	ug/kg	97
47) Ethyl Methacrylate	14.39	69	5250	0.55	ug/kg#	60
48) trans-1,3-Dichloropropene	14.31	75	5263	0.41	ug/kg#	52
49) 1,1,2-Trichloroethane	14.85	97	12453	1.72	ug/kg#	50
50) 2-Hexanone	14.87	43	21830	2.38	ug/kg	98
56) Chlorobenzene	16.23	112	19086	0.75	ug/kg	95
58) Ethylbenzene	16.50	106	41508	2.97	ug/kg BDL J	88
59) m-,p-Xylene	16.61	106	884693	50.21	ug/kg	96
60) o-Xylene	17.27	106	793406	47.09	ug/kg	97
61) Styrene	17.27	104	55431	1.95	ug/kg#	1
62) Bromoform	18.17	173	2149	0.42	ug/kg#	1
63) Isopropylbenzene	17.78	105	18732	0.43	ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.25	83	43339	4.97	ug/kg	92
67) 1,2,3-Trichloropropane	18.19	110	1157	0.39	ug/kg#	1
68) trans-1,4-Dichloro-2-Buten	18.32	53	28008	7.82	ug/kg#	19
69) n-Propylbenzene	18.38	91	11996	0.24	ug/kg#	59
71) 1,3,5-Trimethylbenzene	18.60	105	163636	4.53	ug/kg	96

(#) = qualifier out of range (m) = manual integration

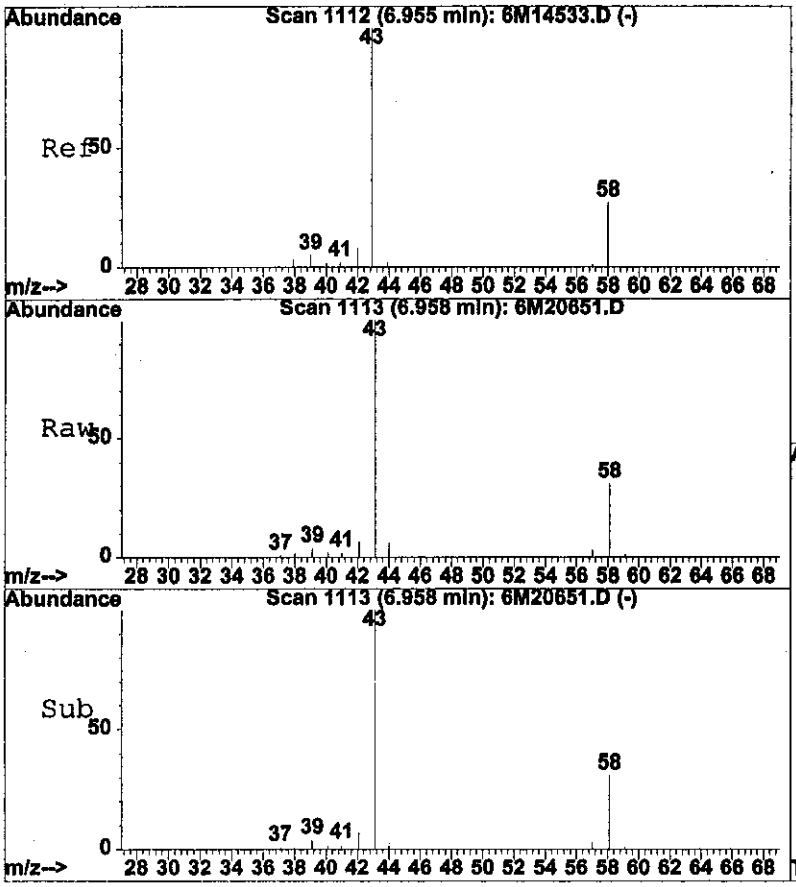
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20651.D Vial: 12
Acq On : 19 Jun 2000 15:08 Operator: CMS
Sample : L0006193-06 A IT CORP 826-SPE-VO 5.7G/5M Inst : HPMS6
Misc : SOLID,0.9 (398-PPG-TANK-FARM) Multiplr: 0.90
MS Integration Params: rteint.p
Quant Time: Jun 19 15:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76) 1,2,4-Trimethylbenzene	19.21	105	102761	2.73	ug/kg	100
81) n-Butylbenzene	20.26	91	20442	0.54	ug/kg#	1
86) Naphthalene	23.59	128	16629	0.50	ug/kg	97

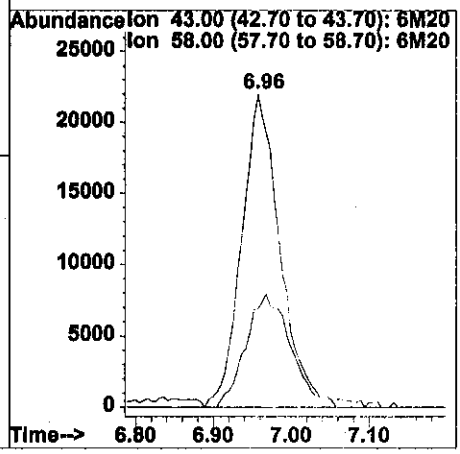
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6M20651.D 8260PRES.M Mon Jun 19 15:34:33 2000 Page 2

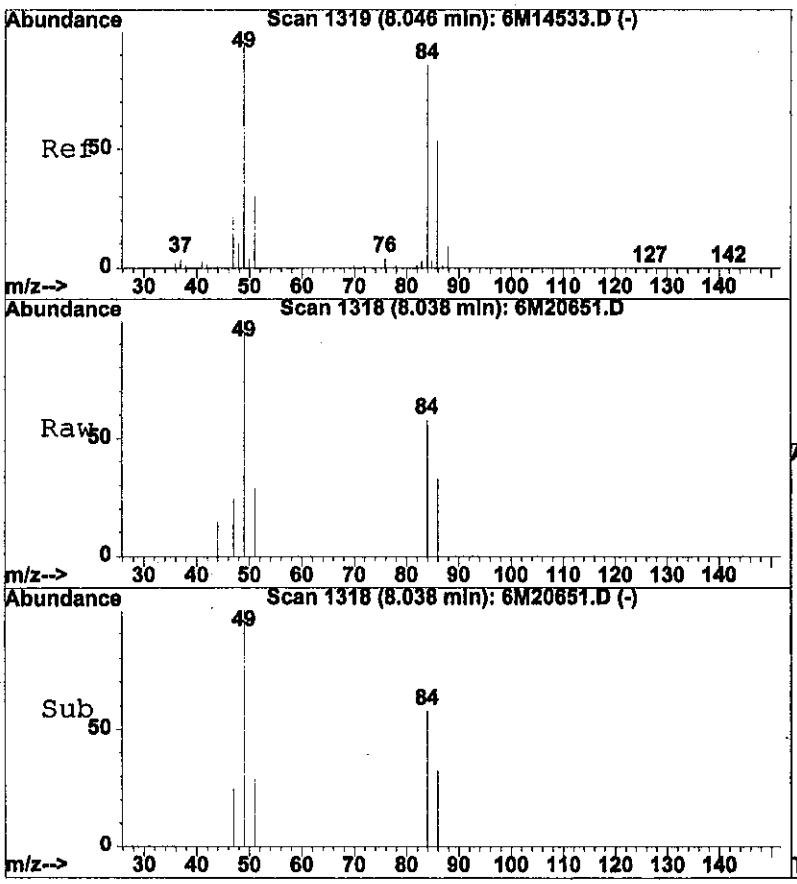


#11
Acetone
Concen: 26.28 ug/kg
RT: 6.96 min Scan# 1113
Delta R.T. -0.01 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 43 Resp: 75796

Ion	Ratio	Lower	Upper
43	100		
58	41.7	21.1	31.7#

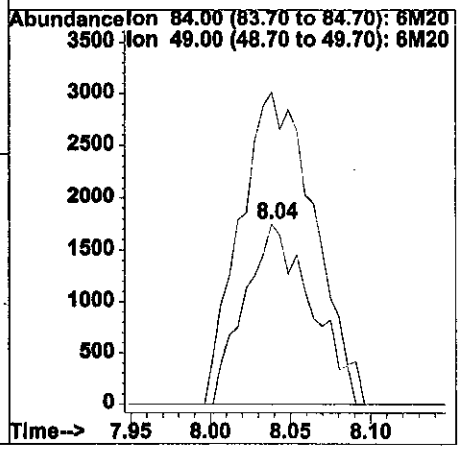


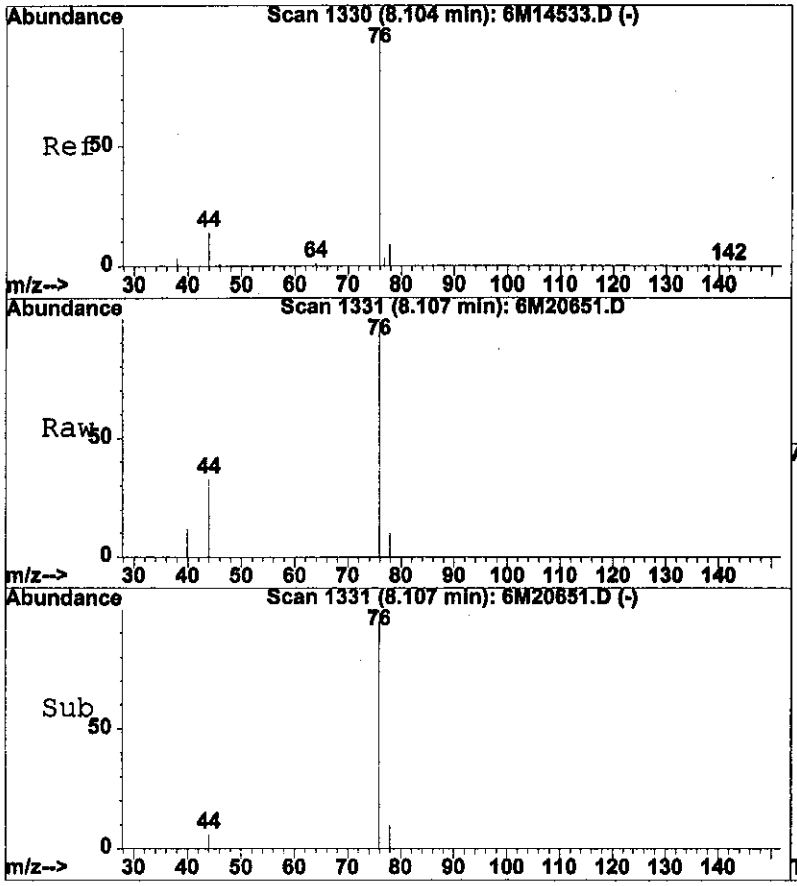


#15
Methylene Chloride
Concen: 0.67 ug/kg
RT: 8.04 min Scan# 1318
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 84 Resp: 5063

Ion	Ratio	Lower	Upper
84	100		
49	194.2	117.8	176.8#

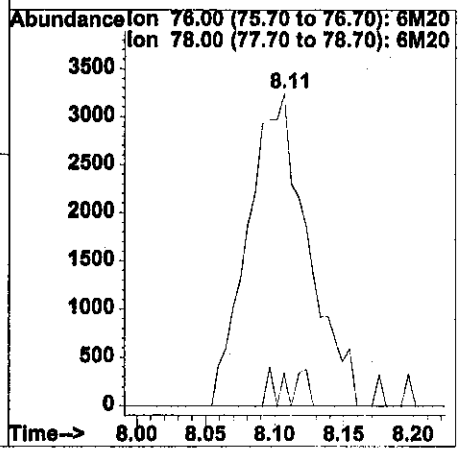


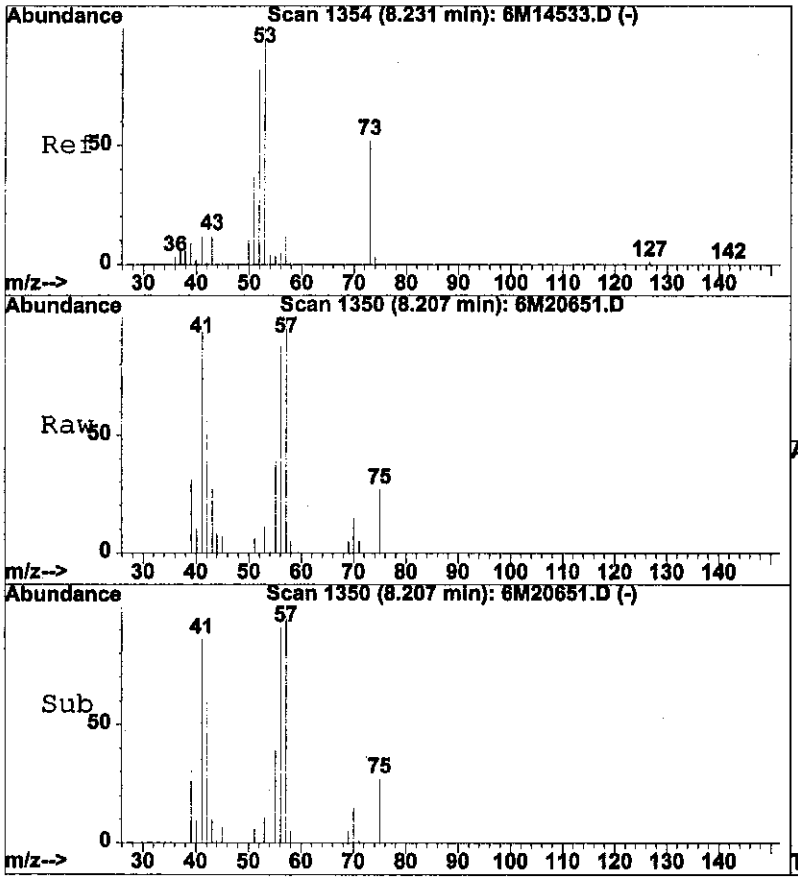


#16
Carbon Disulfide
Concen: 0.32 ug/kg
RT: 8.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 76 Resp: 9732

Ion	Ratio	Lower	Upper
76	100		
78	1.3	7.2	10.8#

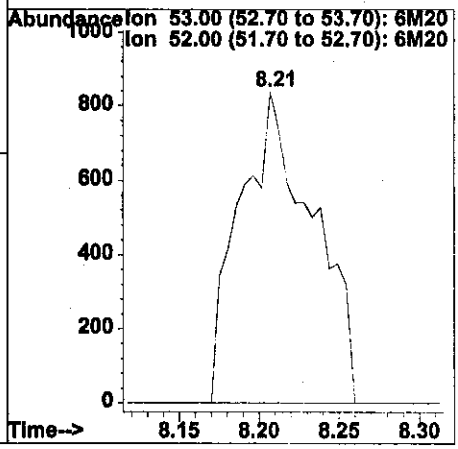


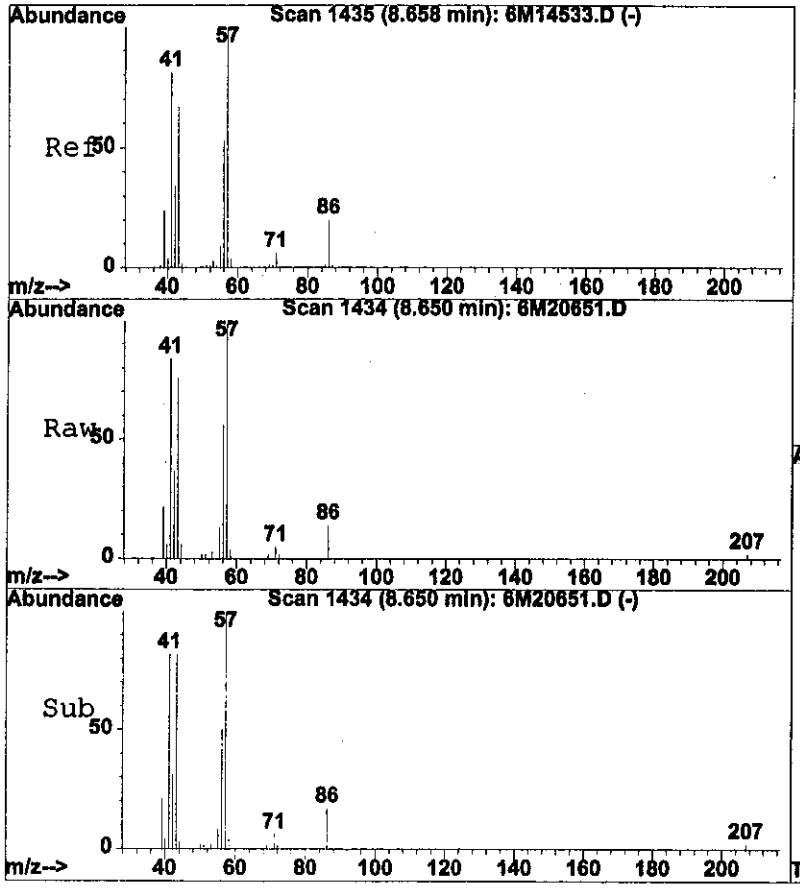


#17
Acrylonitrile
Concen: 0.61 ug/kg
RT: 8.21 min Scan# 1350
Delta R.T. -0.01 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 53 Resp: 2658

Ion	Ratio	Lower	Upper
53	100		
52	0.0	59.8	89.6#

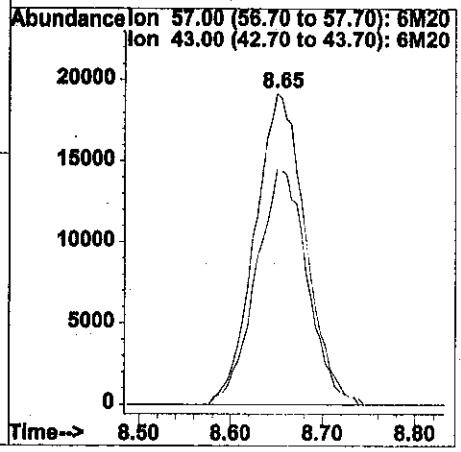


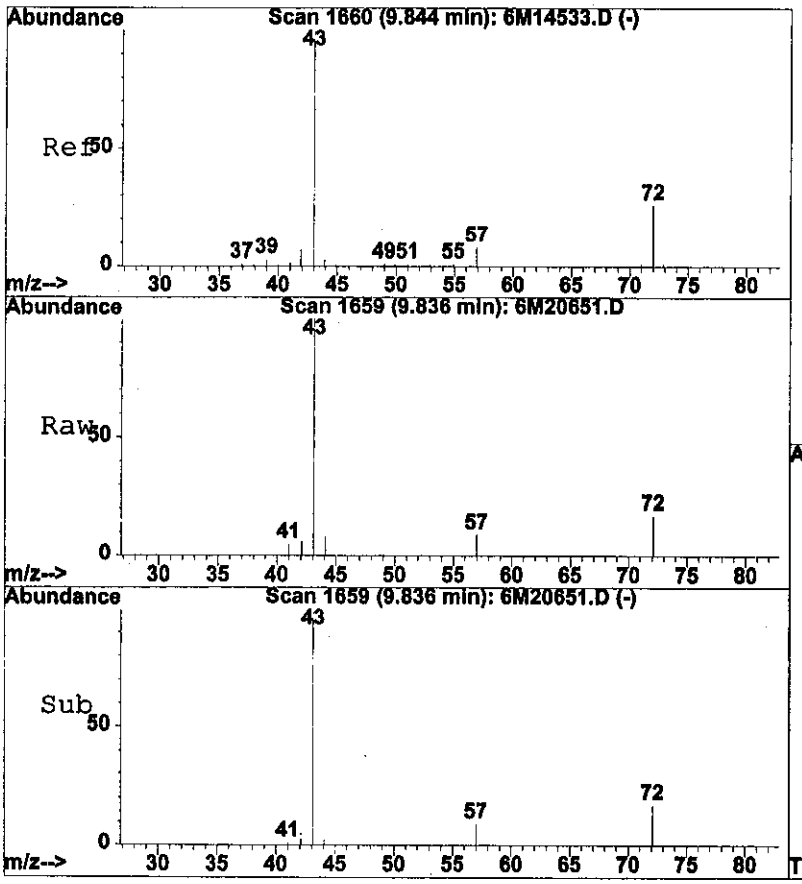


#20
n-Hexane
Concen: 3.94 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 57 Resp: 73022

Ion	Ratio	Lower	Upper
57	100		
43	76.7	59.0	88.6

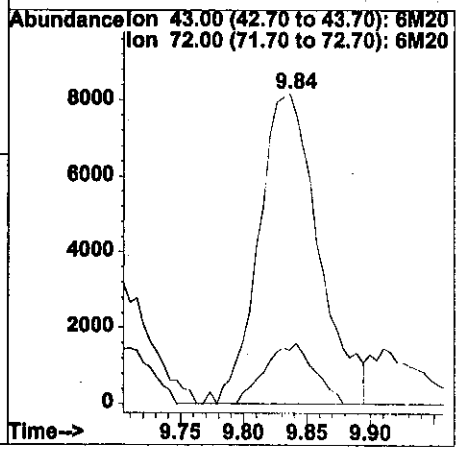


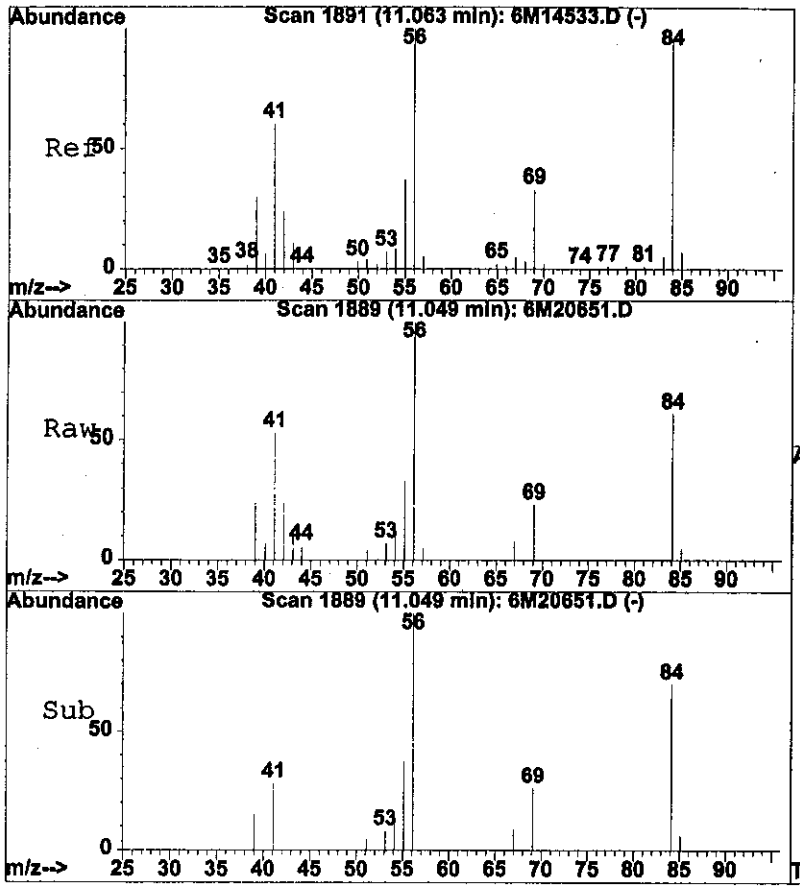


#23
2-Butanone
Concen: 4.52 ug/kg
RT: 9.84 min Scan# 1659
Delta R.T. 0.01 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 43 Resp: 26810

Ion	Ratio	Lower	Upper
43	100		
72	16.1	16.2	24.4#

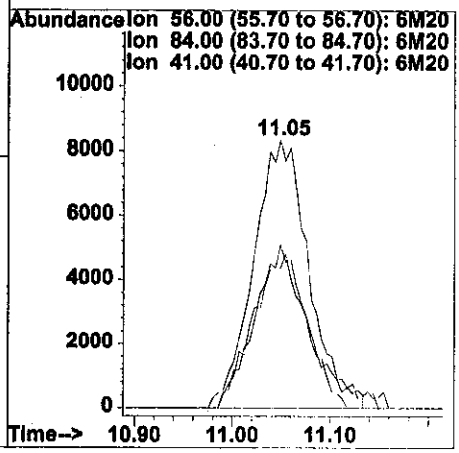


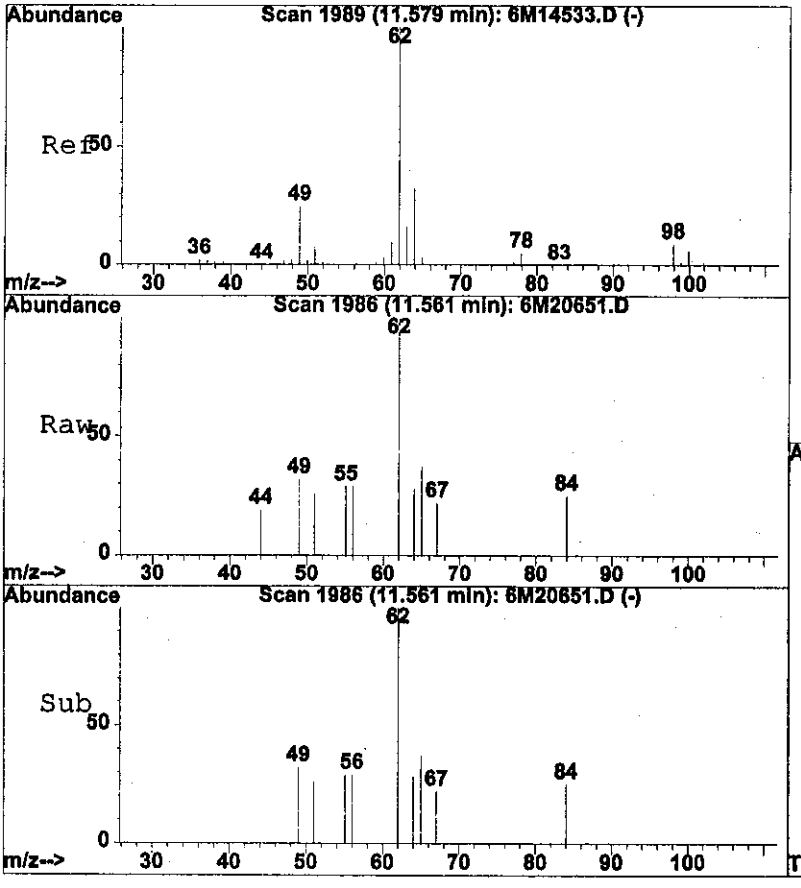


#30
Cyclohexane
Concen: 1.55 ug/kg
RT: 11.05 min Scan# 1889
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 56 Resp: 32676

Ion	Ratio	Lower	Upper
56	100		
84	56.9	64.1	96.1#
41	59.9	52.9	79.3

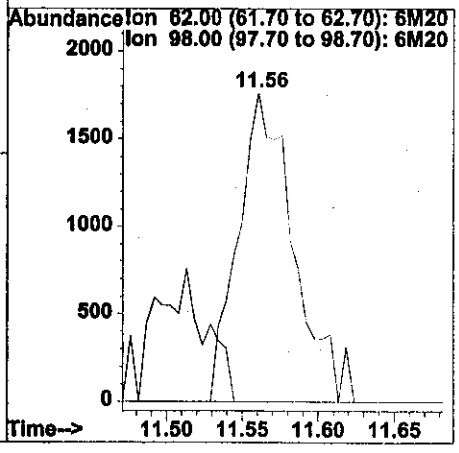


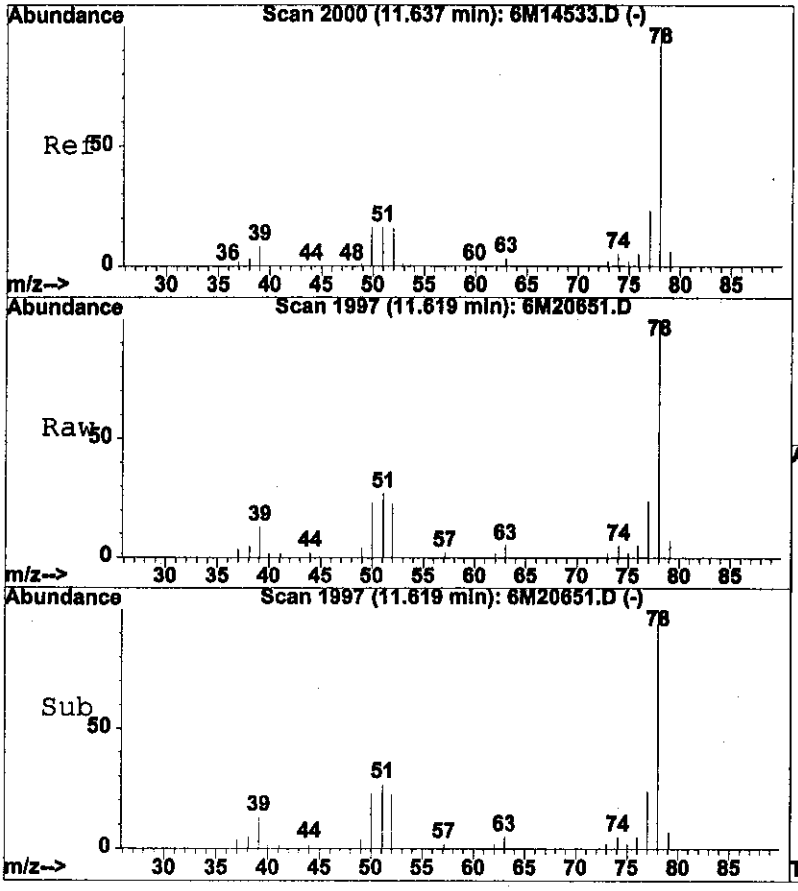


#34
1,2-Dichloroethane
Concen: 0.28 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 62 Resp: 4493

Ion	Ratio	Lower	Upper
62	100		
98	39.8	0.4	0.6#

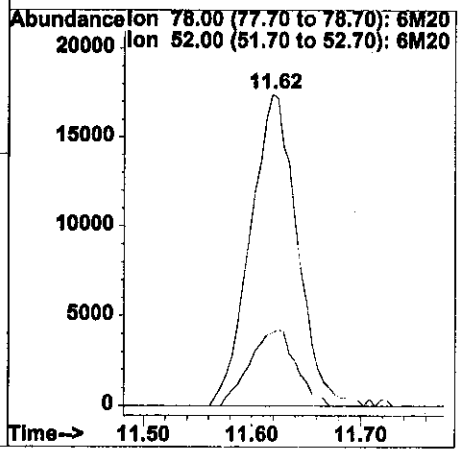


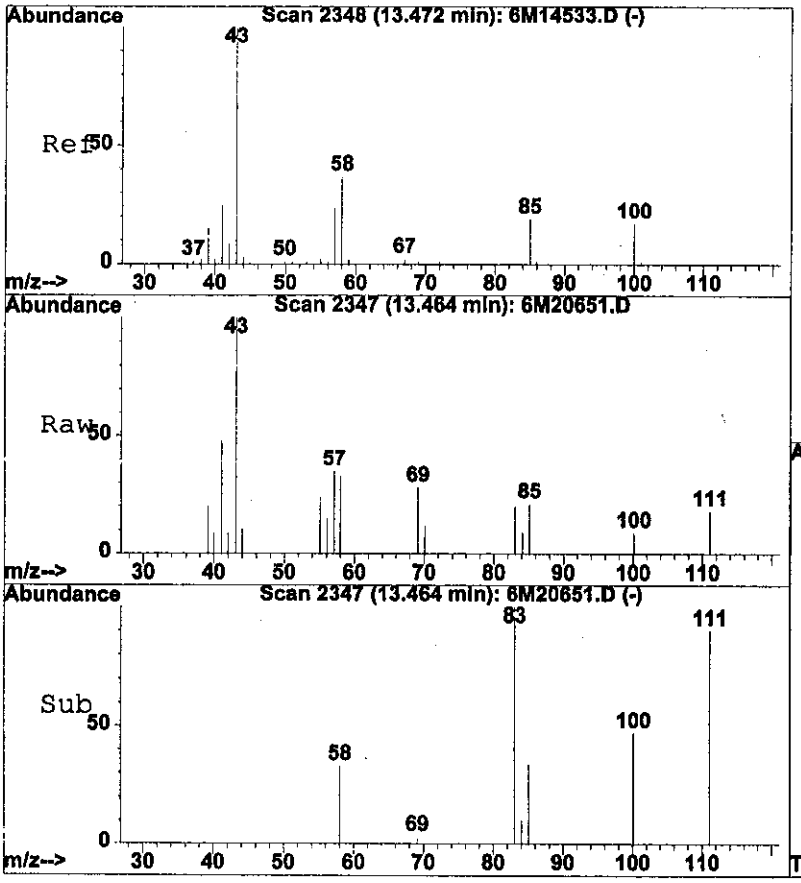


#35
Benzene
Concen: 1.59 ug/kg
RT: 11.62 min Scan# 1997
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 78 Resp: 52171

Ion	Ratio	Lower	Upper
78	100		
52	24.0	14.2	21.4#

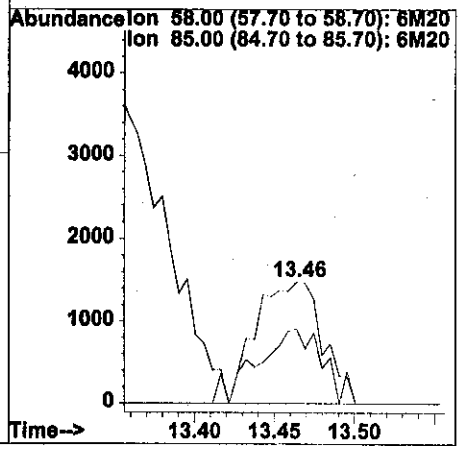


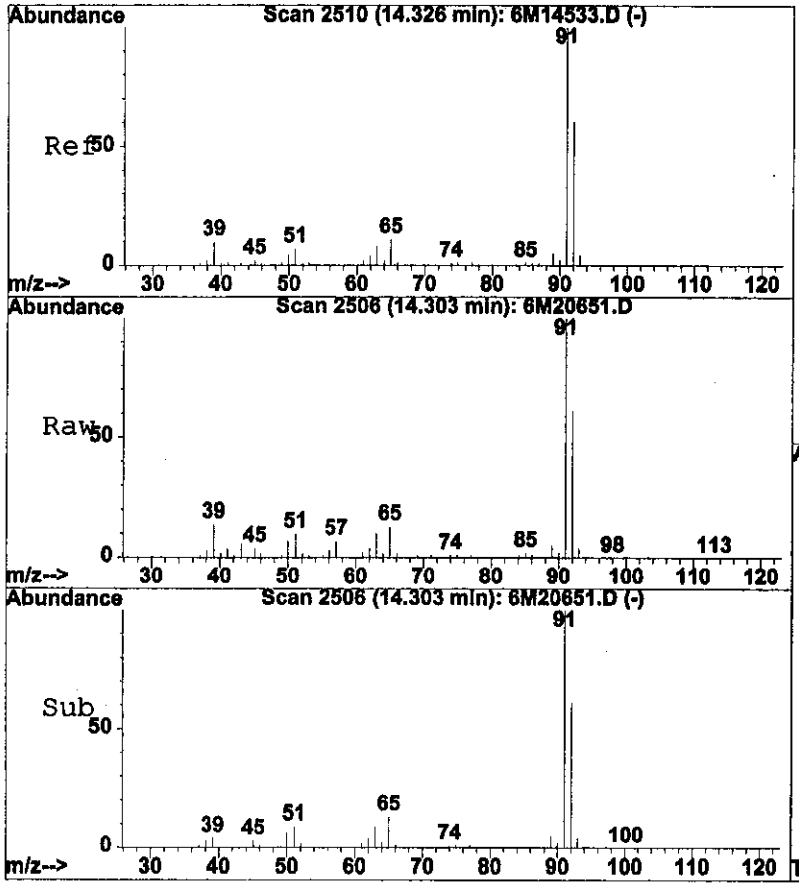


#41
4-Methyl-2-Pentanone
Concen: 1.21 ug/kg
RT: 13.46 min Scan# 2347
Delta R.T. 0.01 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 58 Resp: 4374

Ion	Ratio	Lower	Upper
58	100		
85	56.5	32.2	48.2#

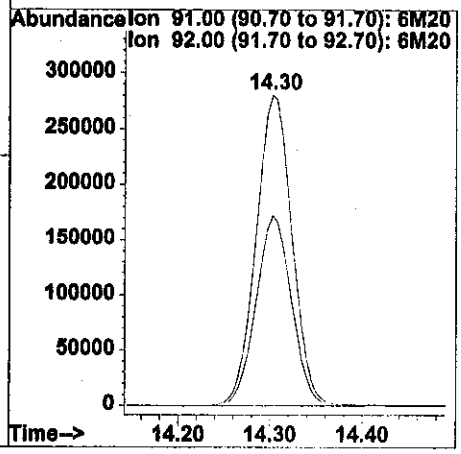


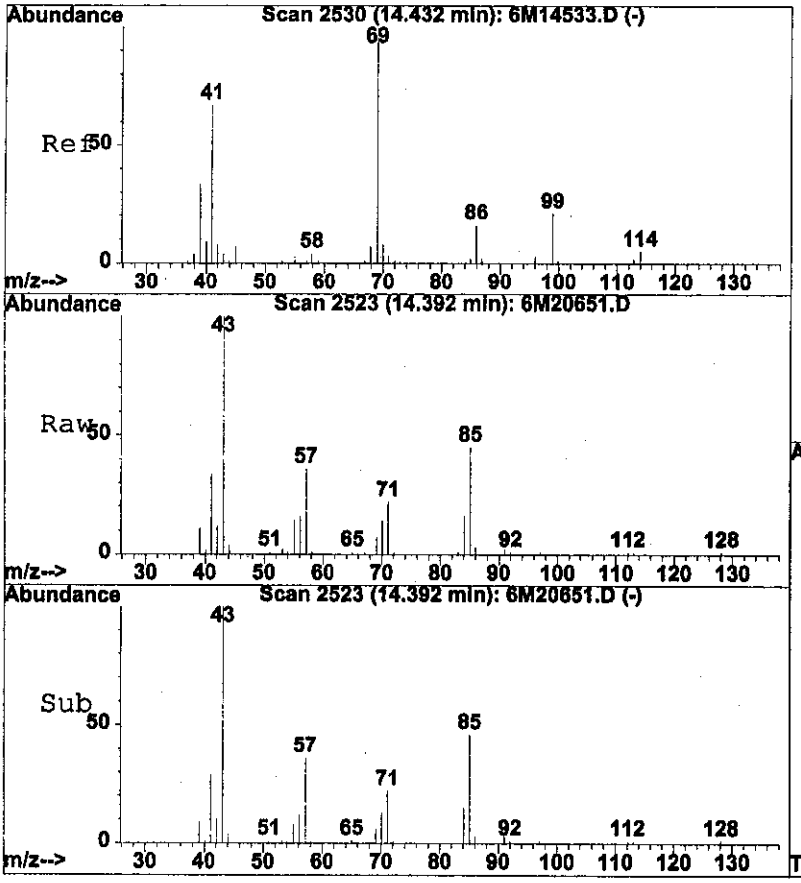


#46
Toluene
Concen: 20.91 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 91 Resp: 762599

Ion	Ratio	Lower	Upper
91	100		
92	60.7	46.6	69.8

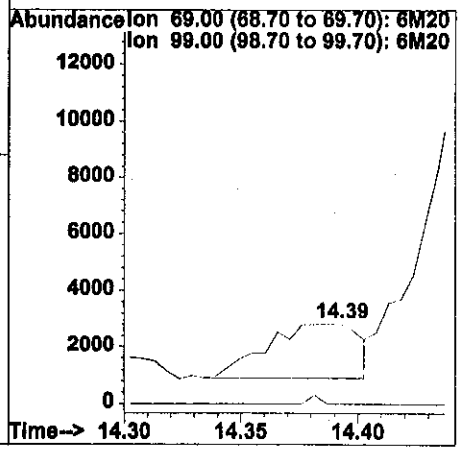


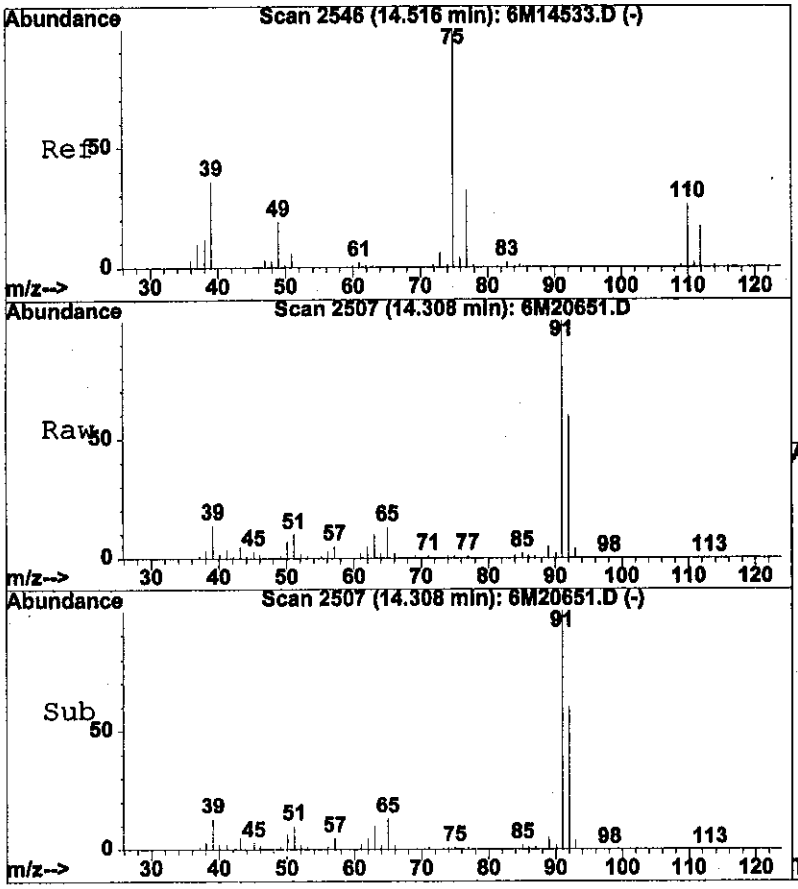


#47
Ethyl Methacrylate
Concen: 0.55 ug/kg
RT: 14.39 min Scan# 2523
Delta R.T. -0.02 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 69 Resp: 5250

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

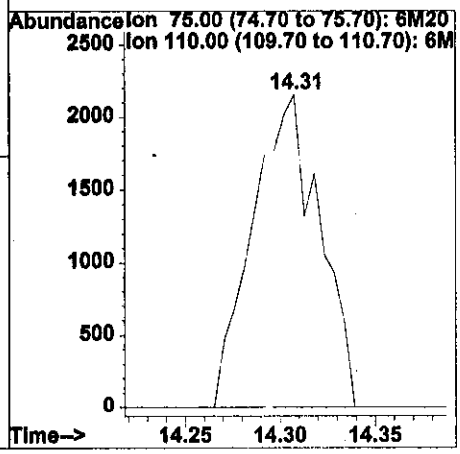


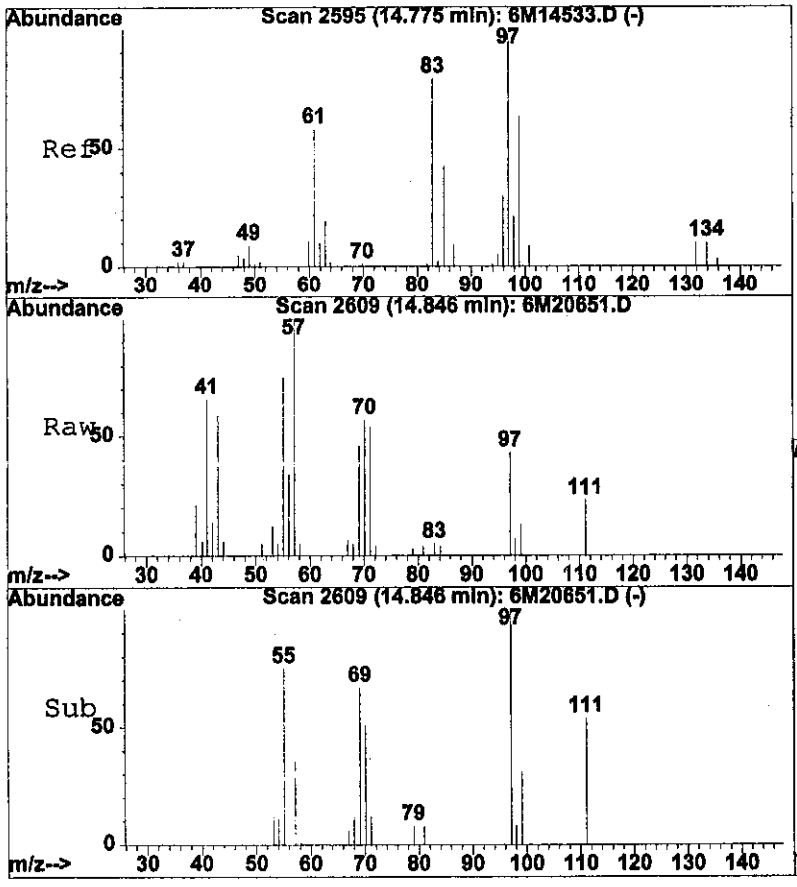


#48
trans-1,3-Dichloropropene
Concen: 0.41 ug/kg
RT: 14.31 min Scan# 2507
Delta R.T. -0.19 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 75 Resp: 5263

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	27.7#

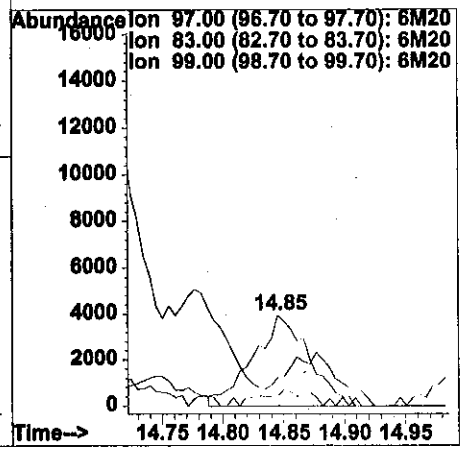


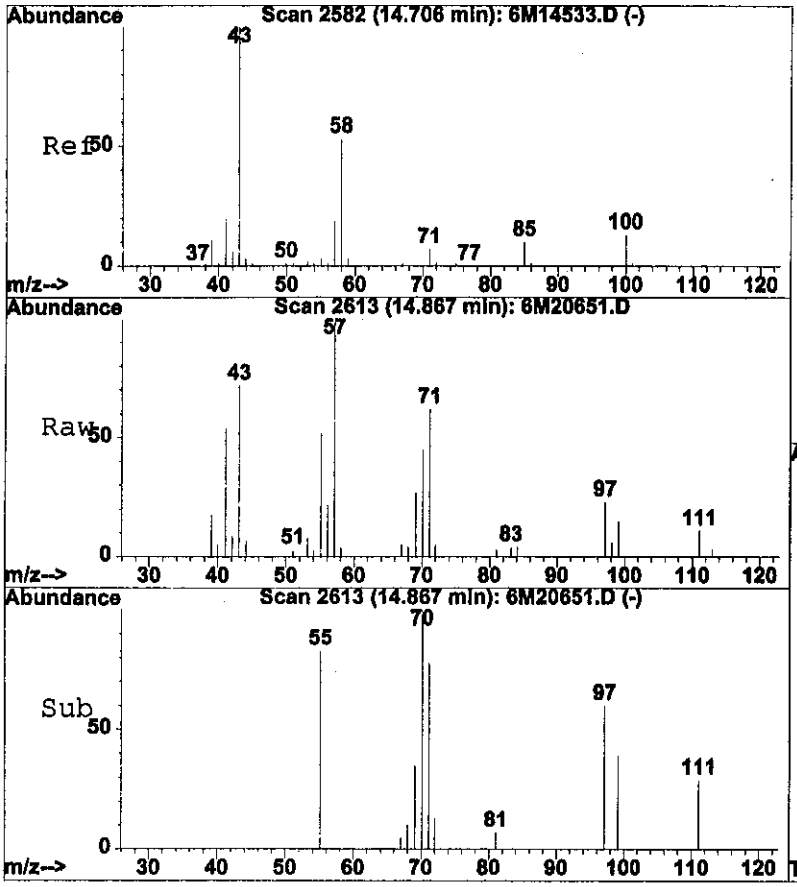


#49
1,1,2-Trichloroethane
Concen: 1.72 ug/kg
RT: 14.85 min Scan# 2609
Delta R.T. 0.10 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 97 Resp: 12453

Ion	Ratio	Lower	Upper
97	100		
83	14.9	70.5	105.7#
99	54.5	49.8	74.6

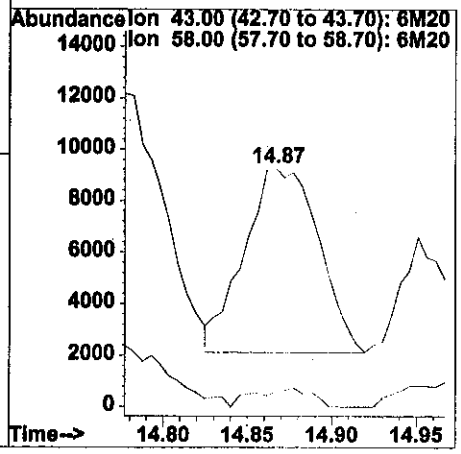


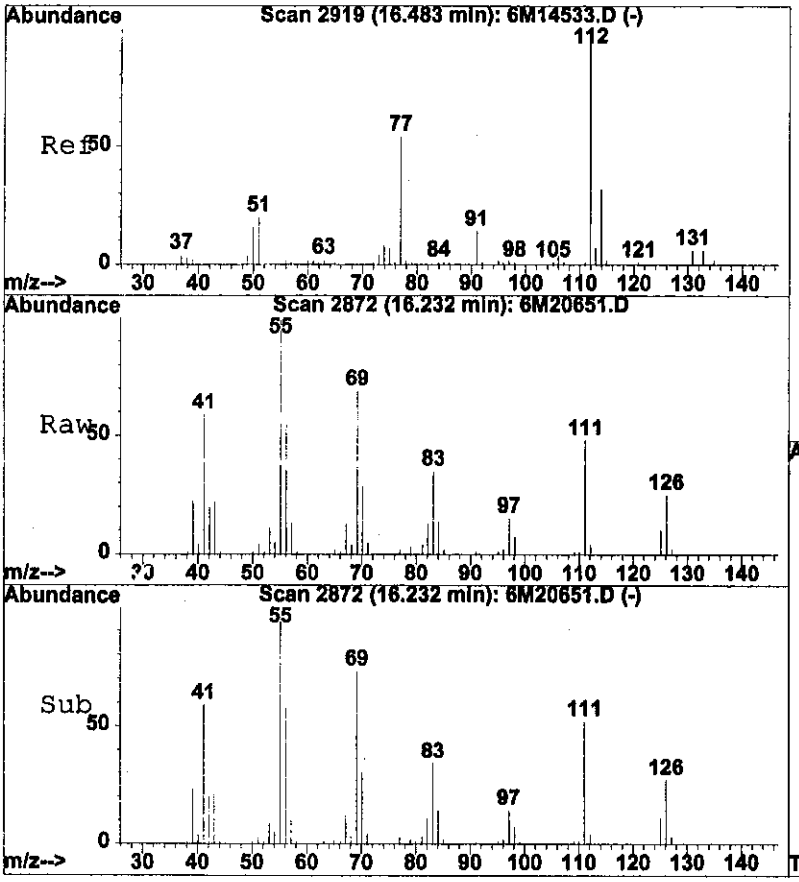


#50
2-Hexanone
Concen: 2.38 ug/kg
RT: 14.87 min Scan# 2613
Delta R.T. 0.18 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 43 Resp: 21830

Ion	Ratio	Lower	Upper
43	100		
58	7.6	5.5	8.3

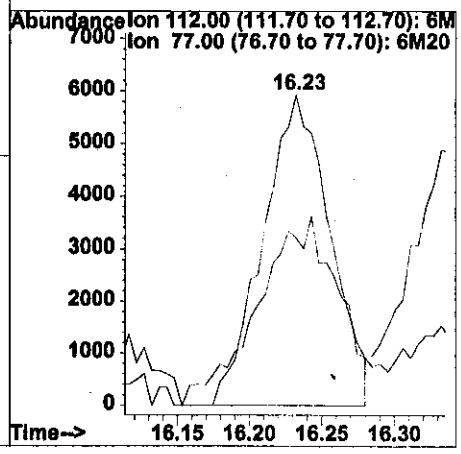


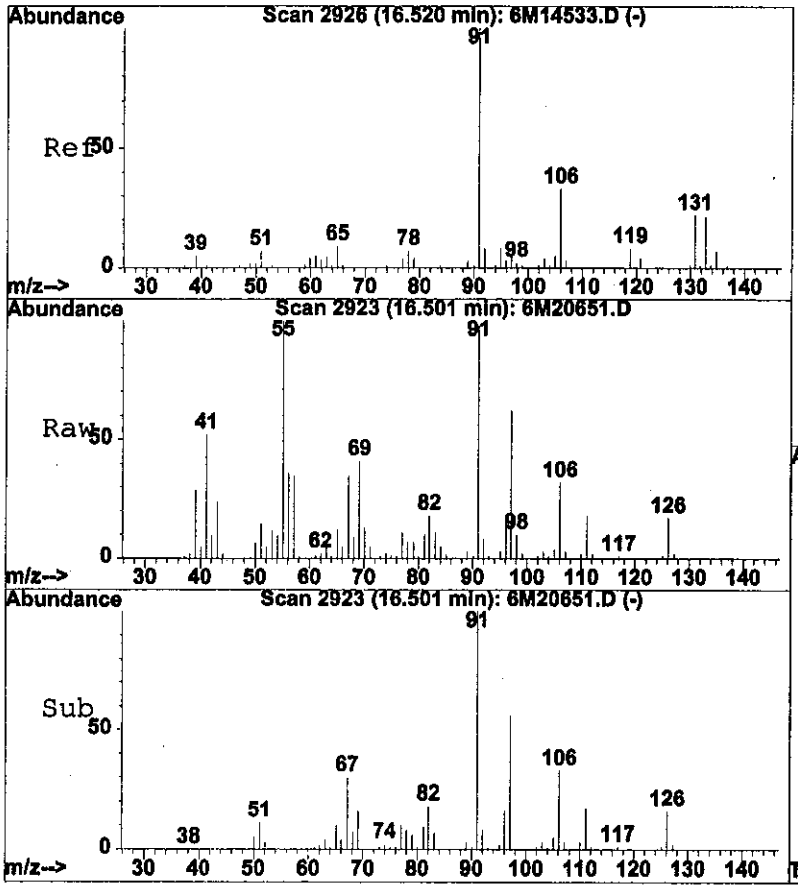


#56
Chlorobenzene
Concen: 0.75 ug/kg
RT: 16.23 min Scan# 2872
Delta R.T. -0.22 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:112 Resp: 19086

Ion	Ratio	Lower	Upper
112	100		
77	76.3	64.9	97.3

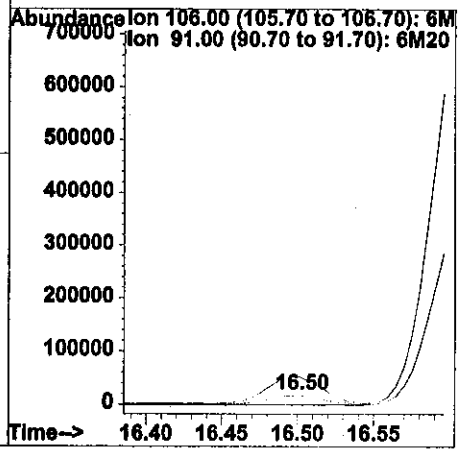


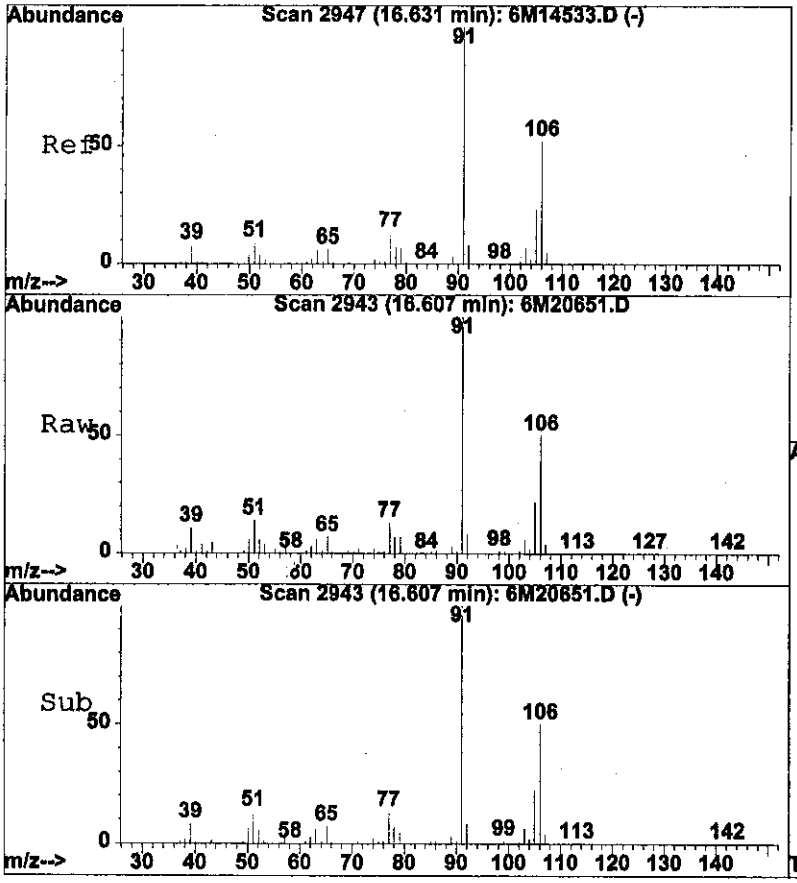


#58
Ethylbenzene
Concen: 2.97 ug/kg
RT: 16.50 min Scan# 2923
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:106 Resp: 41508

Ion	Ratio	Lower	Upper
106	100		
91	300.2	259.6	389.4

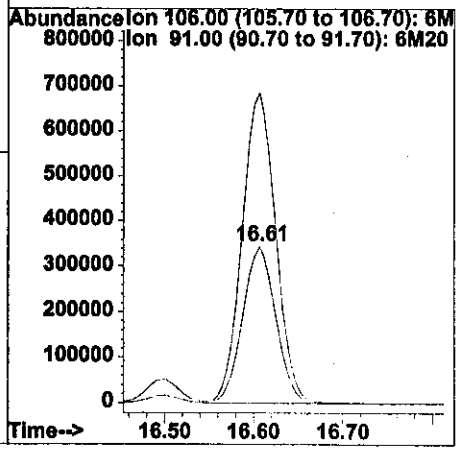


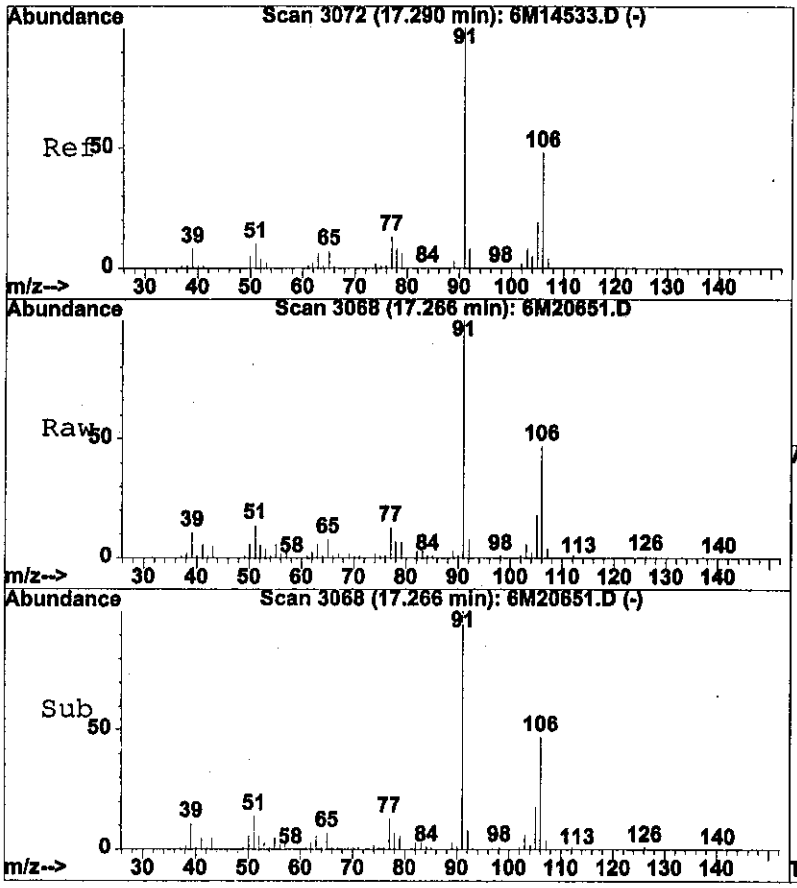


#59
m-,p-Xylene
Concen: 50.21 ug/kg
RT: 16.61 min Scan# 2943
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:106 Resp: 884693

Ion	Ratio	Lower	Upper
106	100		
91	200.5	165.9	248.9

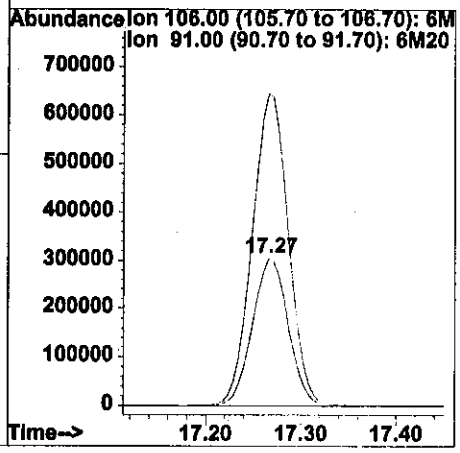


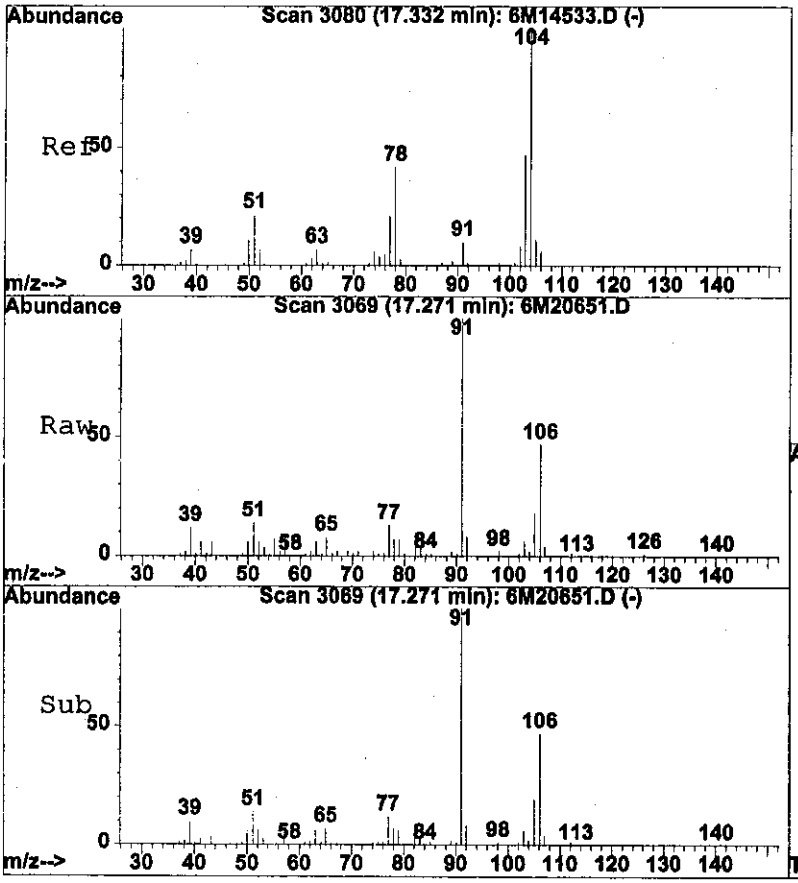


#60
o-Xylene
Concen: 47.09 ug/kg
RT: 17.27 min Scan# 3068
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:106 Resp: 793406

Ion	Ratio	Lower	Upper
106	100		
91	213.8	174.6	262.0

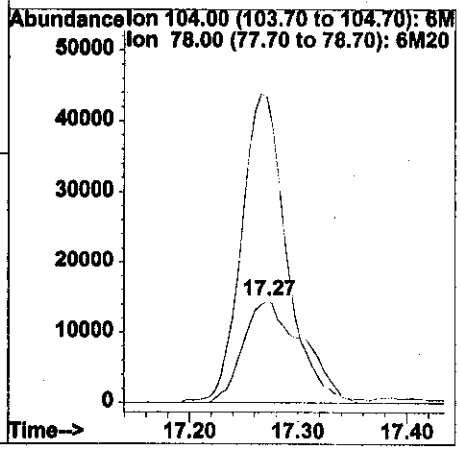


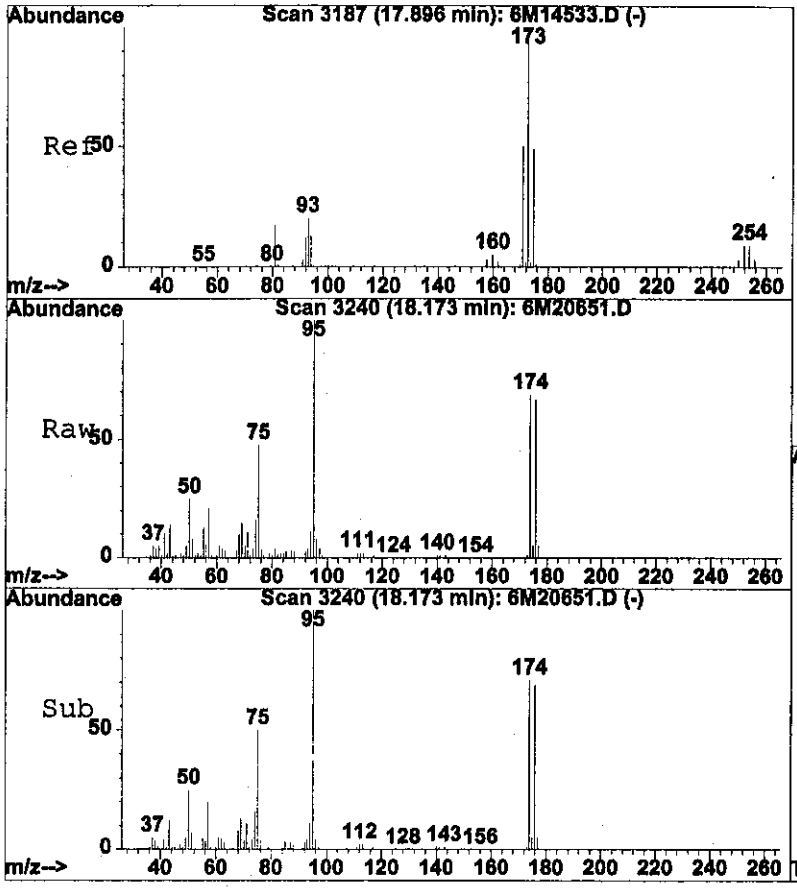


#61
Styrene
Concen: 1.95 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. -0.03 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:104 Resp: 55431

Ion	Ratio	Lower	Upper
104	100		
78	227.6	43.7	65.5#

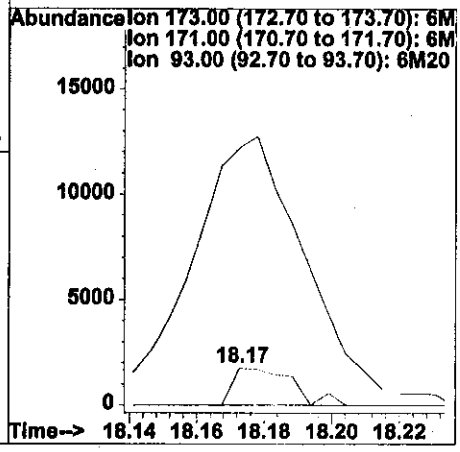


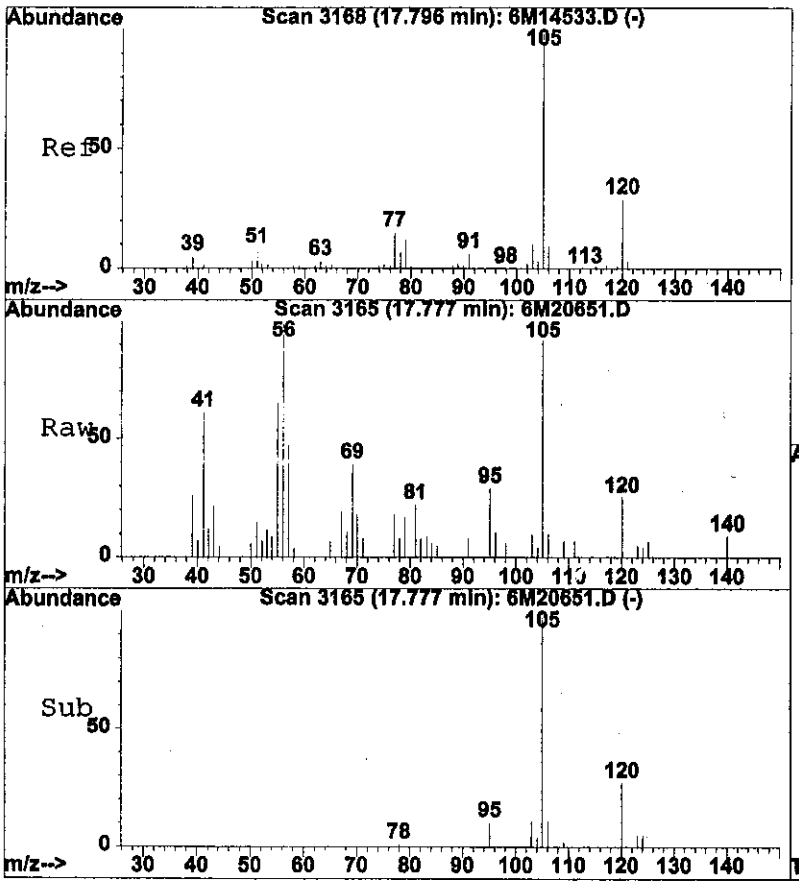


#62
Bromoform
Concen: 0.42 ug/kg
RT: 18.17 min Scan# 3240
Delta R.T. 0.31 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:173 Resp: 2149

Ion	Ratio	Lower	Upper
173	100		
171	0.0	41.2	61.8#
93	1433.3	19.1	28.7#

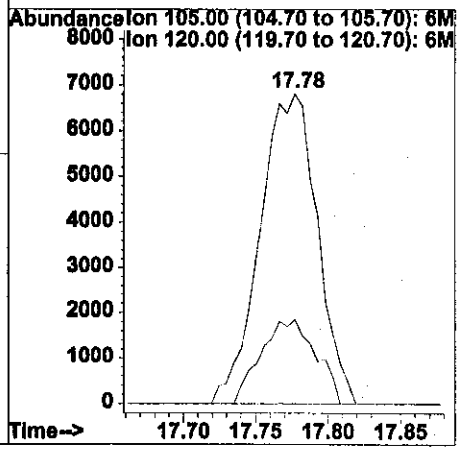


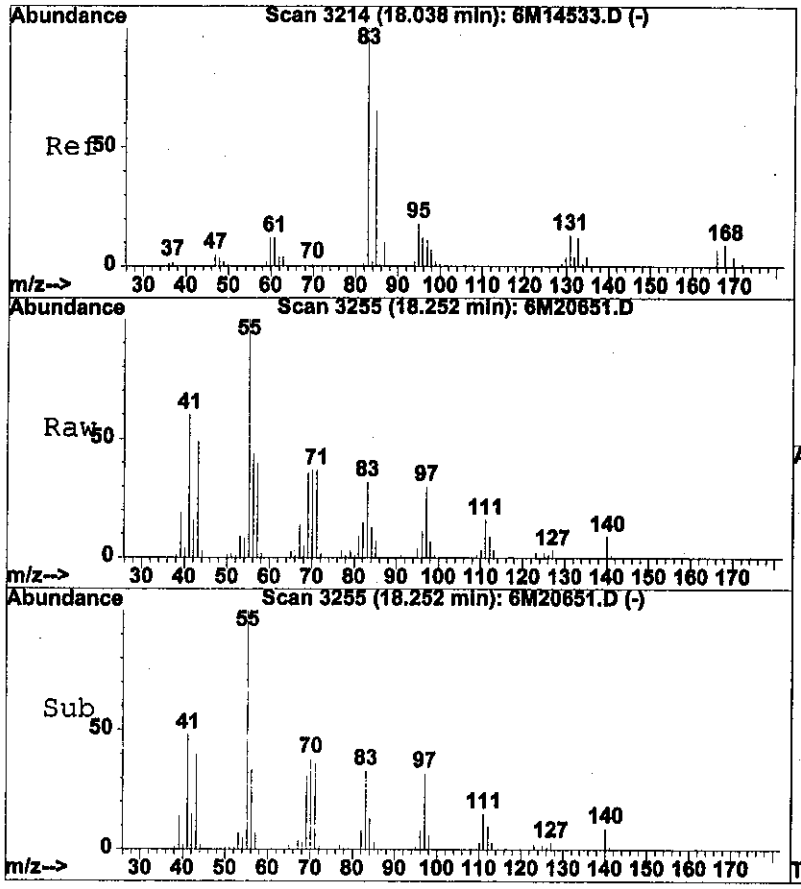


#63
Isopropylbenzene
Concen: 0.43 ug/kg
RT: 17.78 min Scan# 3165
Delta R.T. 0.01 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:105 Resp: 18732

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.3	31.9

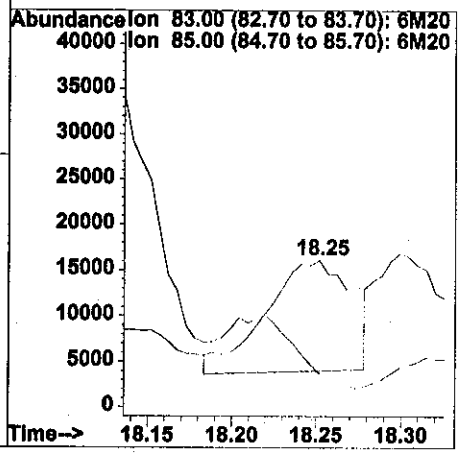


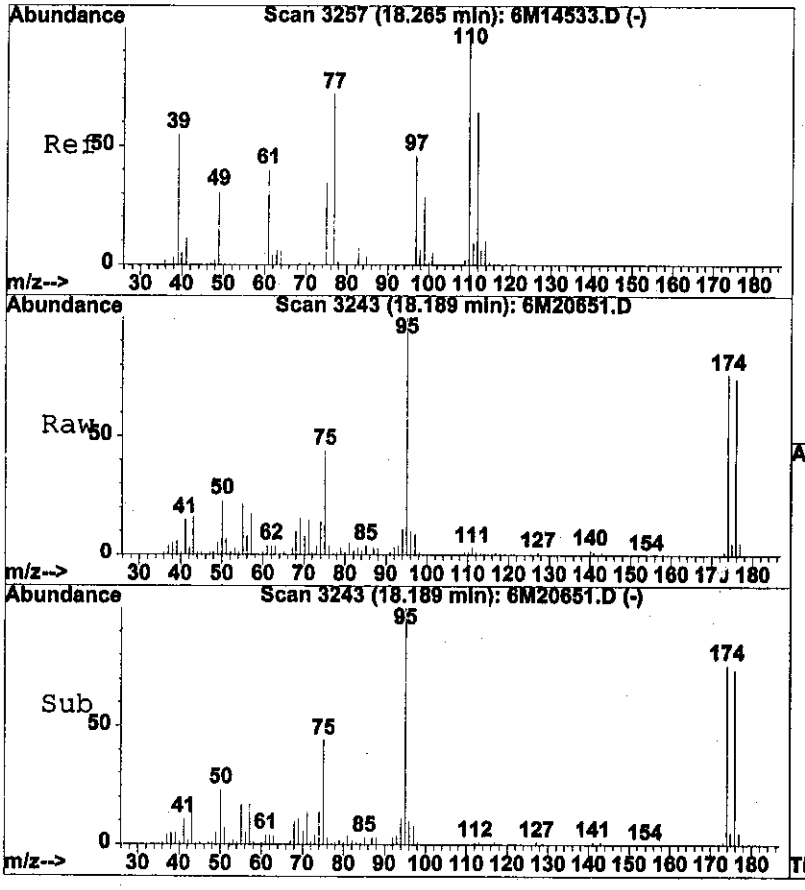


#65
1,1,2,2-Tetrachloroethane
Concen: 4.97 ug/kg
RT: 18.25 min Scan# 3255
Delta R.T. 0.23 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 83 Resp: 43339

Ion	Ratio	Lower	Upper
83	100		
85	57.3	51.0	76.4

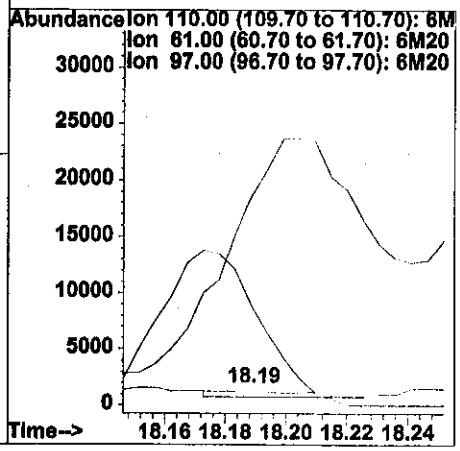


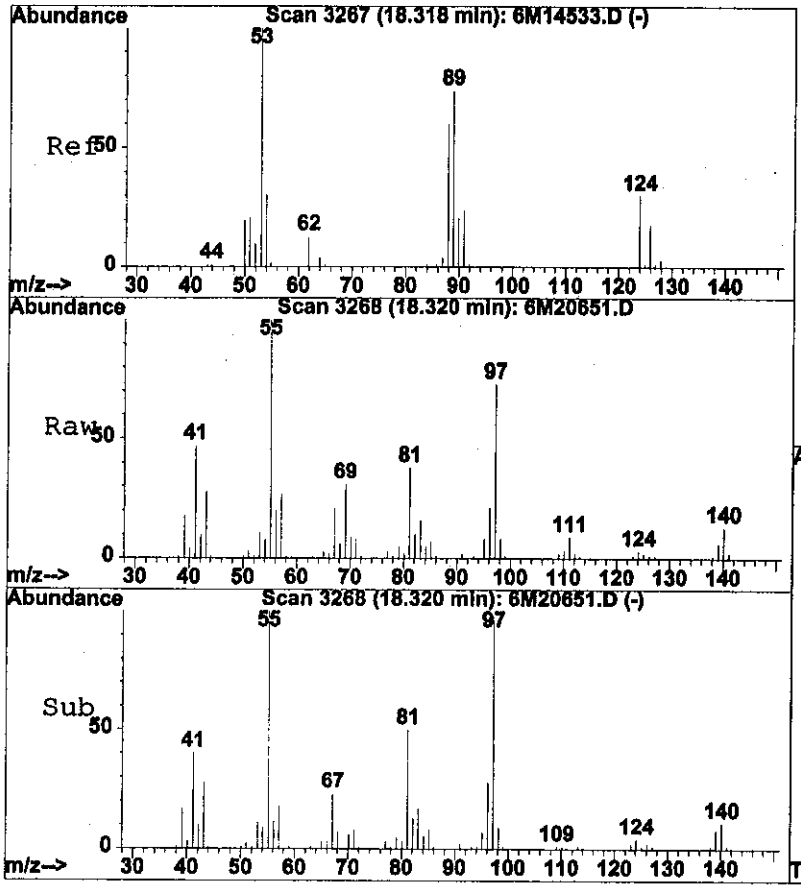


#67
1,2,3-Trichloropropane
Concen: 0.39 ug/kg
RT: 18.19 min Scan# 3243
Delta R.T. -0.05 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:110 Resp: 1157

Ion	Ratio	Lower	Upper
110	100		
61	2803.9	47.3	70.9#
97	5902.3	39.7	59.5#

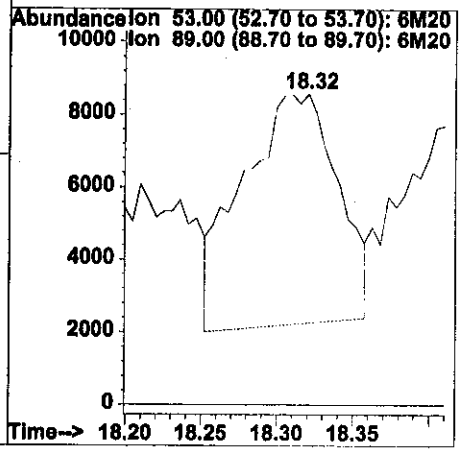


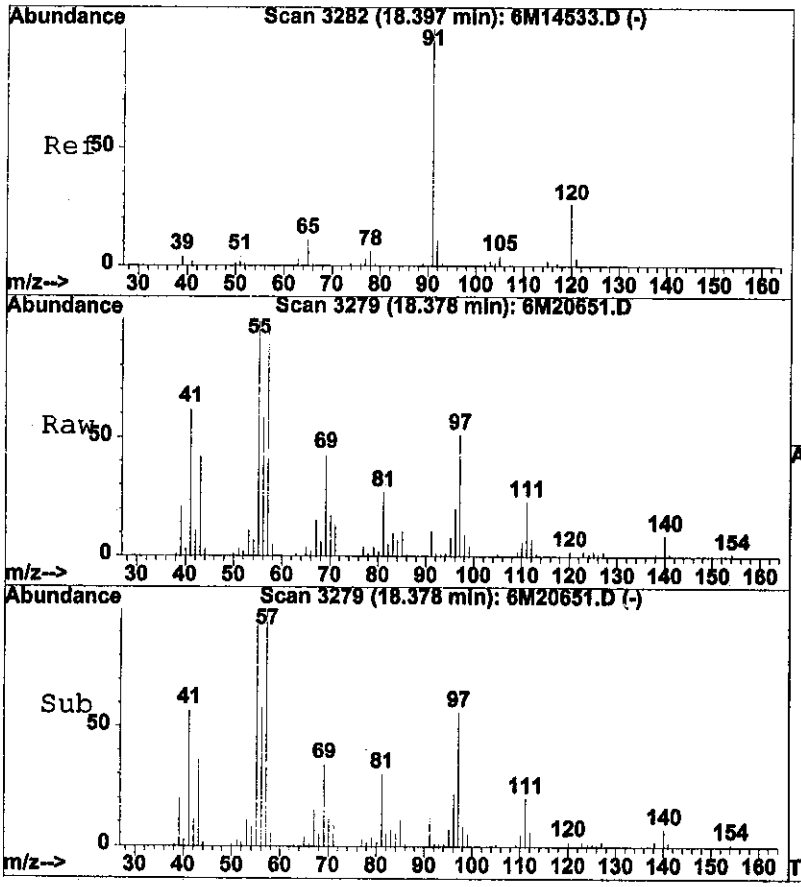


#68
trans-1,4-Dichloro-2-Butene
Concen: 7.82 ug/kg
RT: 18.32 min Scan# 3268
Delta R.T. 0.02 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 53 Resp: 28008

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

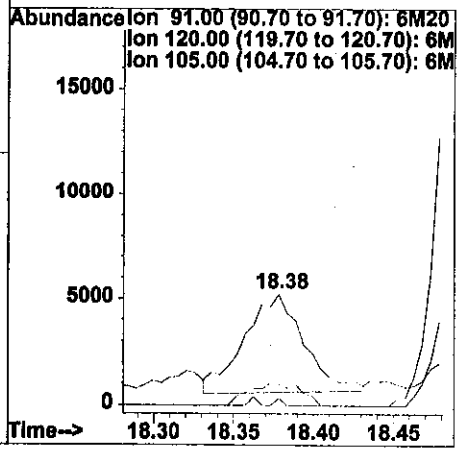


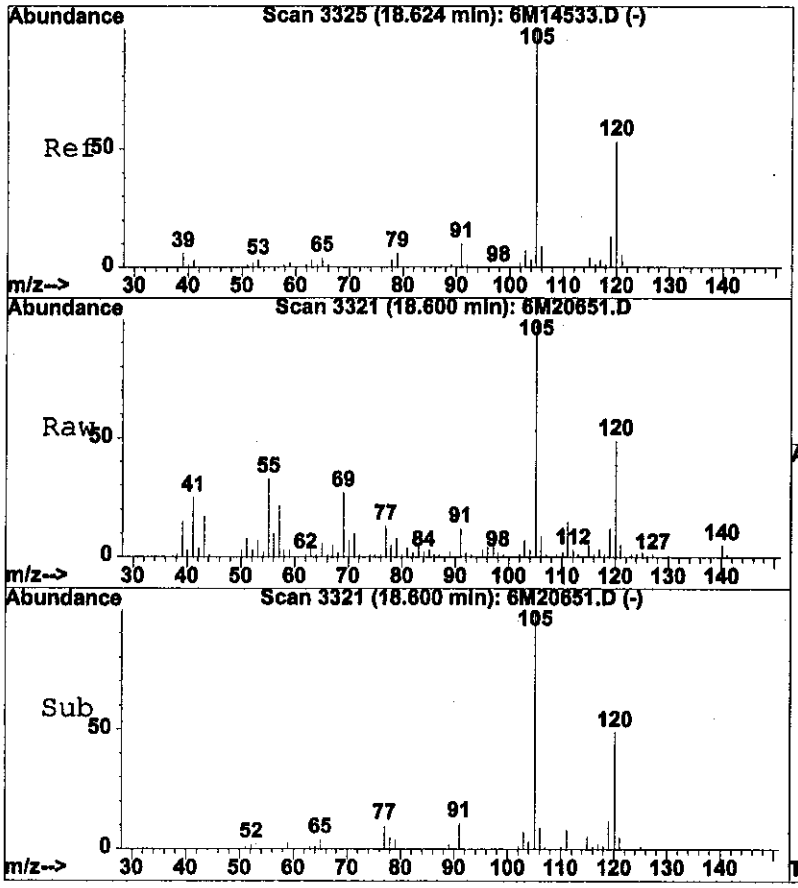


#69
n-Propylbenzene
Concen: 0.24 ug/kg
RT: 18.38 min Scan# 3279
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 91 Resp: 11996

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.6	26.4#
105	0.0	2.8	4.2#

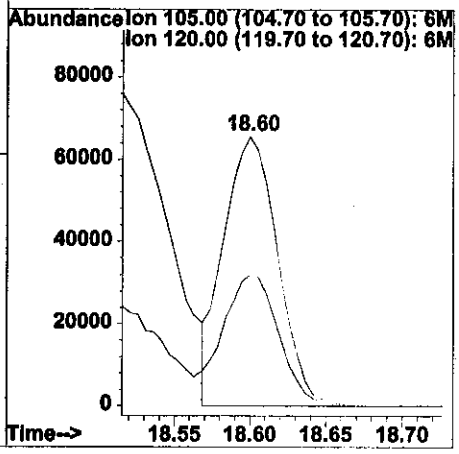


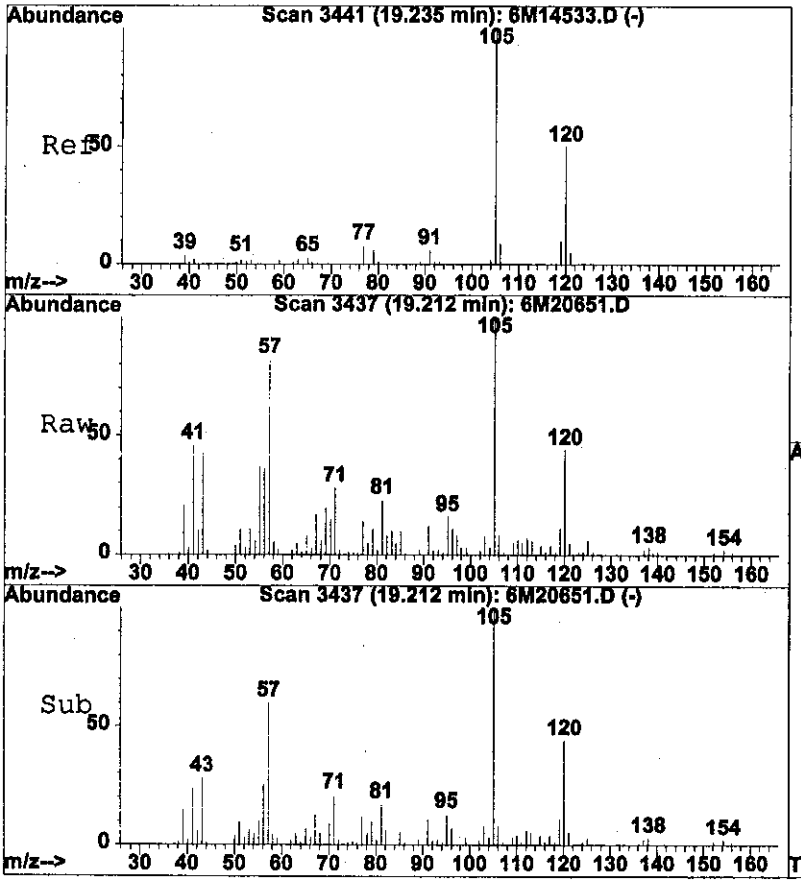


#71
1,3,5-Trimethylbenzene
Concen: 4.53 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:105 Resp: 163636

Ion	Ratio	Lower	Upper
105	100		
120	50.7	38.2	57.4

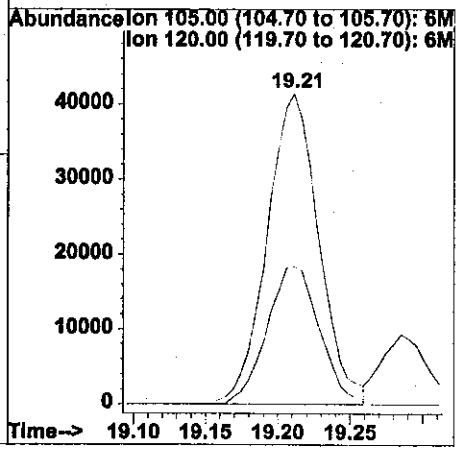


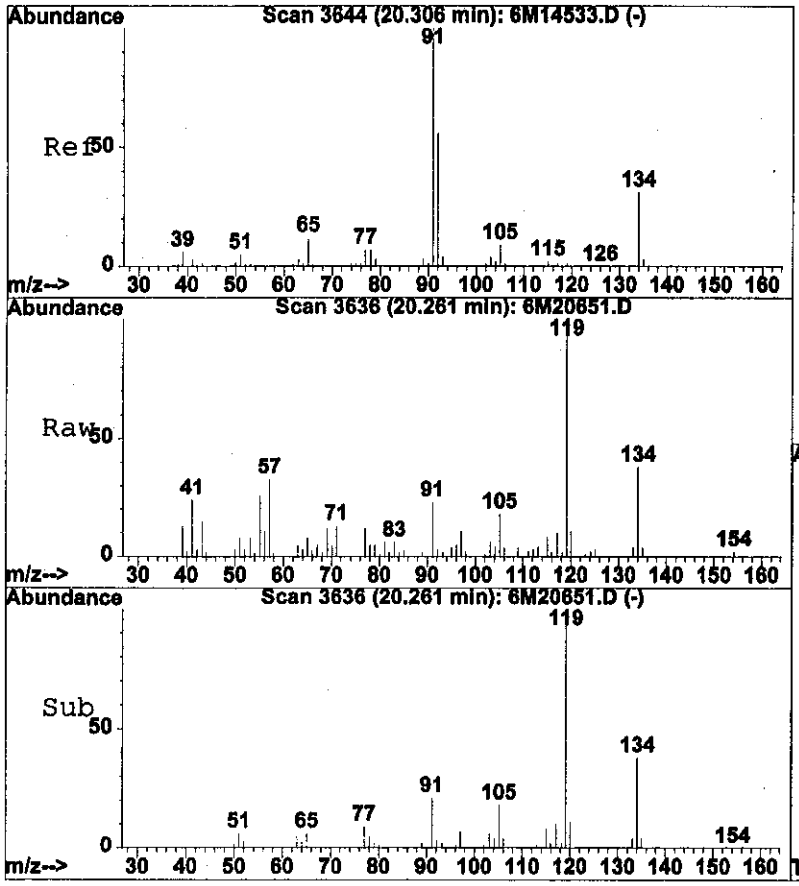


#76
1,2,4-Trimethylbenzene
Concen: 2.73 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:105 Resp: 102761

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.9	53.9

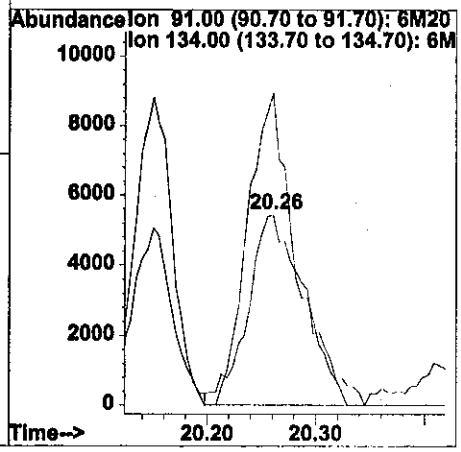


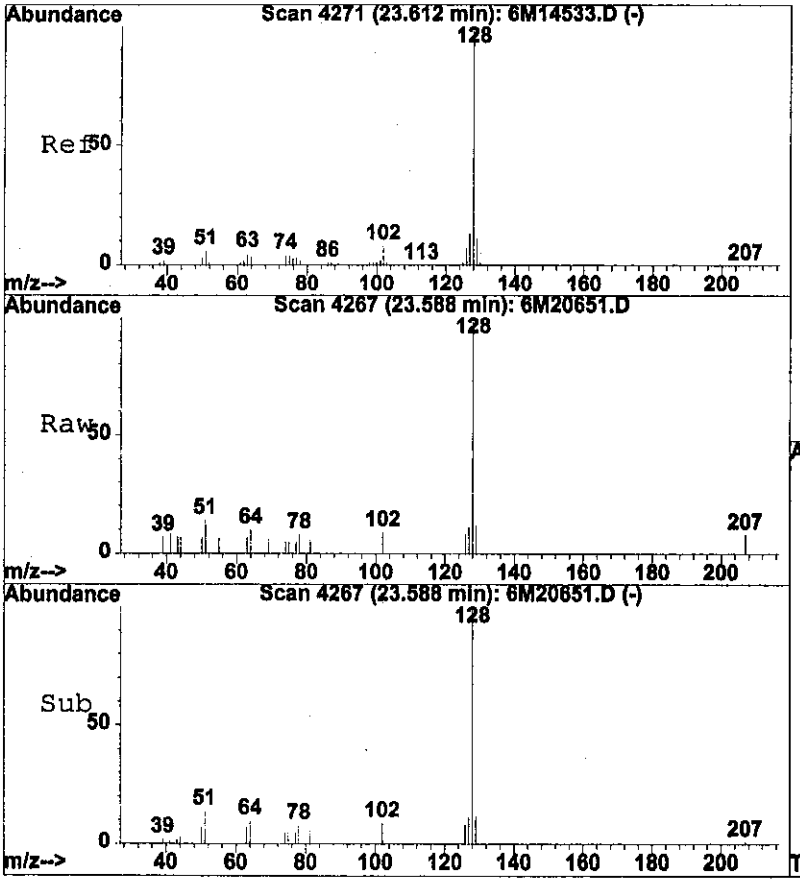


#81
n-Butylbenzene
Concen: 0.54 ug/kg
RT: 20.26 min Scan# 3636
Delta R.T. -0.02 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion: 91 Resp: 20442

Ion	Ratio	Lower	Upper
91	100		
134	132.7	19.5	29.3#

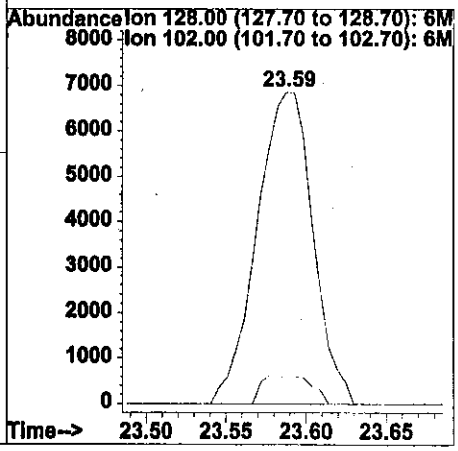




#86
Naphthalene
Concen: 0.50 ug/kg
RT: 23.59 min Scan# 4267
Delta R.T. -0.00 min
Lab File: 6M20651.D
Acq: 19 Jun 2000 15:08

Tgt Ion:128 Resp: 16629

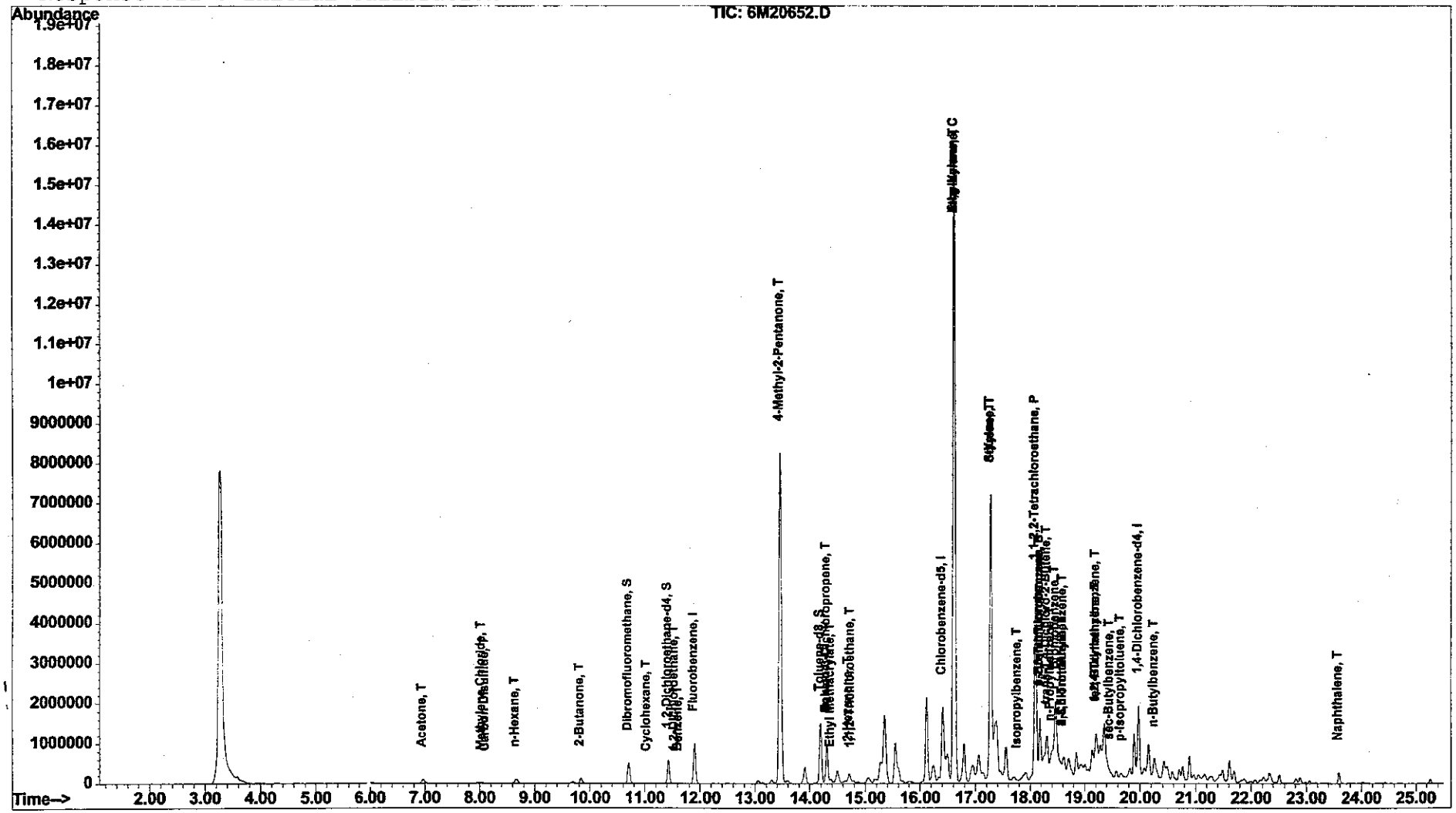
Ion	Ratio	Lower	Upper
128	100		
102	7.9	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20652.D Vial: 13
Acq On : 19 Jun 2000 15:41 Operator: CMS
Sample : L0006193-07 A IT CORP 826-SPE-VO 6.2G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 16:07 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20652.D Vial: 13
Acq On : 19 Jun 2000 15:41 Operator: CMS
Sample : L0006193-07 A IT CORP 826-SPE-VO 6.2G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 16:07 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.90	96	1324984	50.00 ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1080060	50.00 ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	621881	50.00 ug/kg	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.71	111	454154	45.67 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.34%	
33) 1,2-Dichloroethane-d4	11.43	65	579847	48.57 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.14%	
45) Toluene-d8	14.19	98	1479672	46.02 ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	92.04%	
66) p-Bromofluorobenzene	18.18	95	671963	48.24 ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	96.48%	
Target Compounds					Qvalue
11) Acetone	6.96	43	234068	77.05 ug/kg# NTC	87
15) Methylene Chloride	8.04	84	13775	1.73 ug/kg# J	64
16) Carbon Disulfide	8.11	76	8087	0.25 ug/kg#	83
20) n-Hexane	8.65	57	28480	1.46 ug/kg#	1
23) 2-Butanone	9.83	43	279509	44.73 ug/kg J	92
30) Cyclohexane	11.05	56	5727	0.26 ug/kg#	39
34) 1,2-Dichloroethane	11.56	62	4164	0.25 ug/kg#	99
35) Benzene	11.62	78	13891	0.40 ug/kg#	97
41) 4-Methyl-2-Pentanone	13.45	58	4041678	1064.08 ug/kg I	92
46) Toluene	14.31	91	996663	24.89 ug/kg	98
47) Ethyl Methacrylate	14.38	69	5075	0.48 ug/kg#	60
48) trans-1,3-Dichloropropene	14.31	75	6979	0.49 ug/kg#	52
49) 1,1,2-Trichloroethane	14.74	97	1635	0.21 ug/kg#	1
50) 2-Hexanone	14.70	43	108036	10.72 ug/kg#	80
58) Ethylbenzene	16.61	106	7613255	496.30 ug/kg# I	36
59) m-,p-Xylene	16.61	106	7613255	393.42 ug/kg I	90
60) o-Xylene	17.27	106	2968253	160.40 ug/kg I	95
61) Styrene	17.27	104	158598	5.08 ug/kg#	1
63) Isopropylbenzene	17.78	105	53250	1.11 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.08	83	149607	14.96 ug/kg# MM	1
67) 1,2,3-Trichloropropane	18.17	110	7702	2.27 ug/kg#	1
68) trans-1,4-Dichloro-2-Buten	18.31	53	90831	22.13 ug/kg#	19
69) n-Propylbenzene	18.38	91	17450	0.30 ug/kg#	59
70) Bromobenzene	18.47	156	13292	1.10 ug/kg#	1
71) 1,3,5-Trimethylbenzene	18.60	105	199651	4.82 ug/kg	97
72) 2-Chlorotoluene	18.60	91	22101	0.60 ug/kg#	74
73) 4-Chlorotoluene	18.60	91	22101	0.59 ug/kg#	72

(#) = qualifier out of range (m) = manual integration

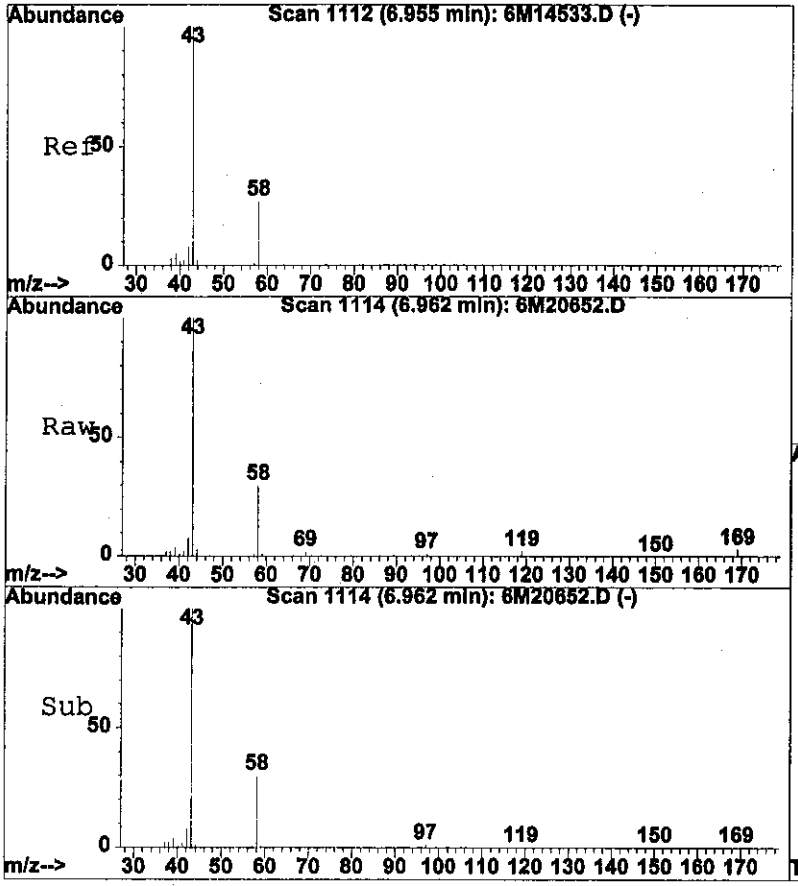
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20652.D Vial: 13
Acq On : 19 Jun 2000 15:41 Operator: CMS
Sample : L0006193-07 A IT CORP 826-SPE-VO 6.2G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 16:07 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
75)	tert-Butylbenzene	19.21	119	56485	1.50	ug/kg#	51
76)	1,2,4-Trimethylbenzene	19.21	105	492520	11.42	ug/kg	98
77)	sec-Butylbenzene	19.47	105	28088	0.53	ug/kg	100
78)	p-Isopropyltoluene	19.66	119	67445	1.47	ug/kg	99
81)	n-Butylbenzene	20.27	91	126280	2.89	ug/kg#	1
86)	Naphthalene	23.59	128	305071	7.95	ug/kg	100

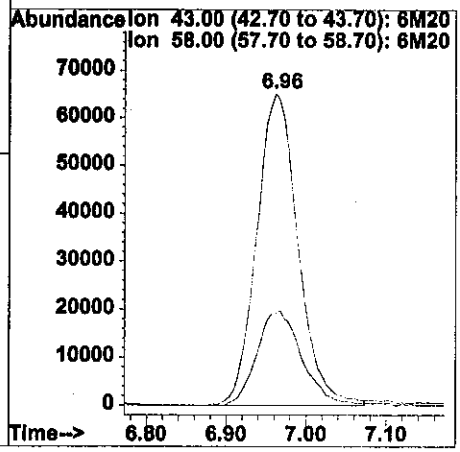
(#) = qualifier out of range (m) = manual integration

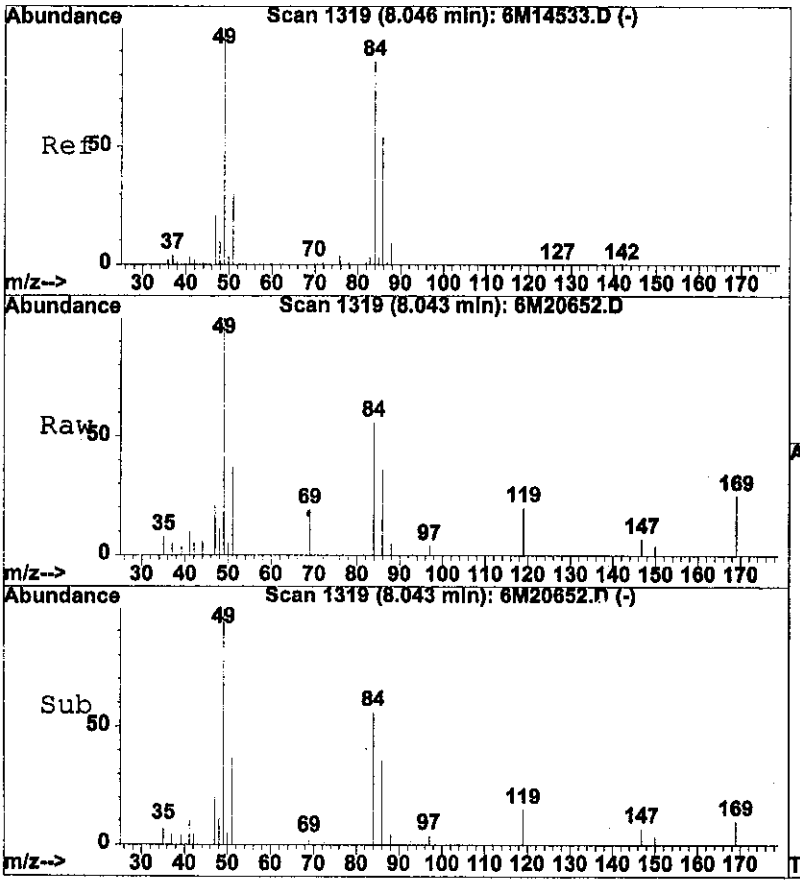


#11
Acetone
Concen: 77.05 ug/kg
RT: 6.96 min Scan# 1114
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 43 Resp: 234068

Ion	Ratio	Lower	Upper
43	100		
58	33.0	21.1	31.7#

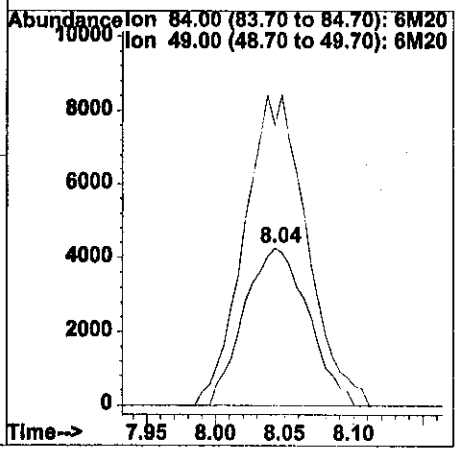


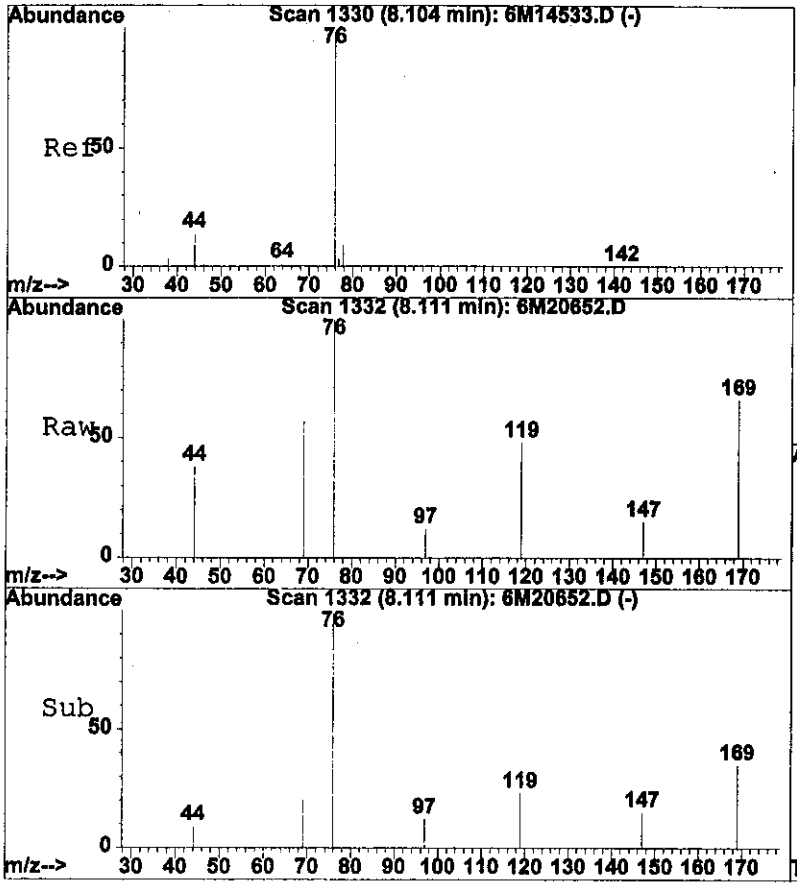


#15
Methylene Chloride
Concen: 1.73 ug/kg
RT: 8.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 84 Resp: 13775

Ion	Ratio	Lower	Upper
84	100		
49	192.8	117.8	176.8#

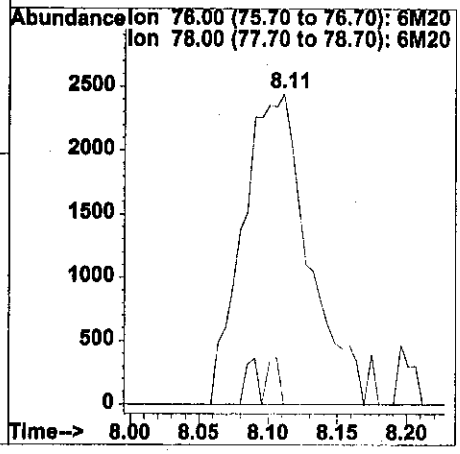


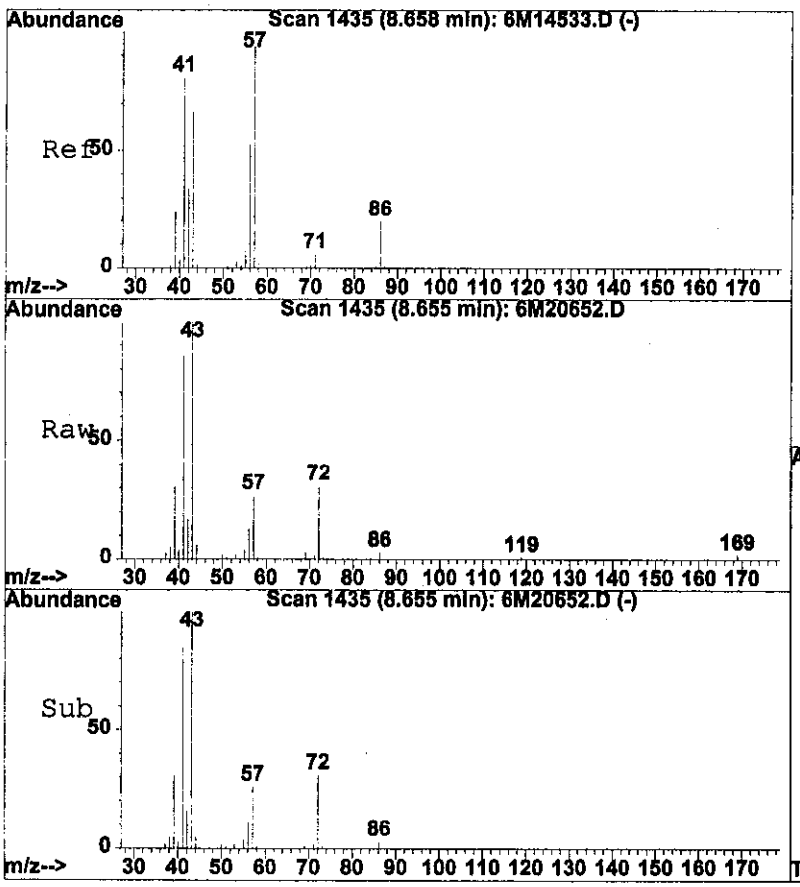


#16
Carbon Disulfide
Concen: 0.25 ug/kg
RT: 8.11 min Scan# 1332
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 76 Resp: 8087

Ion	Ratio	Lower	Upper
76	100		
78	2.7	7.2	10.8#

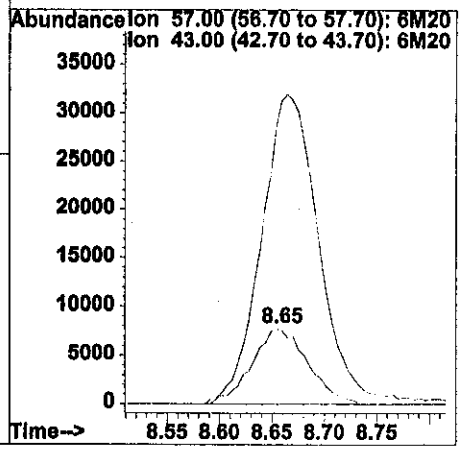


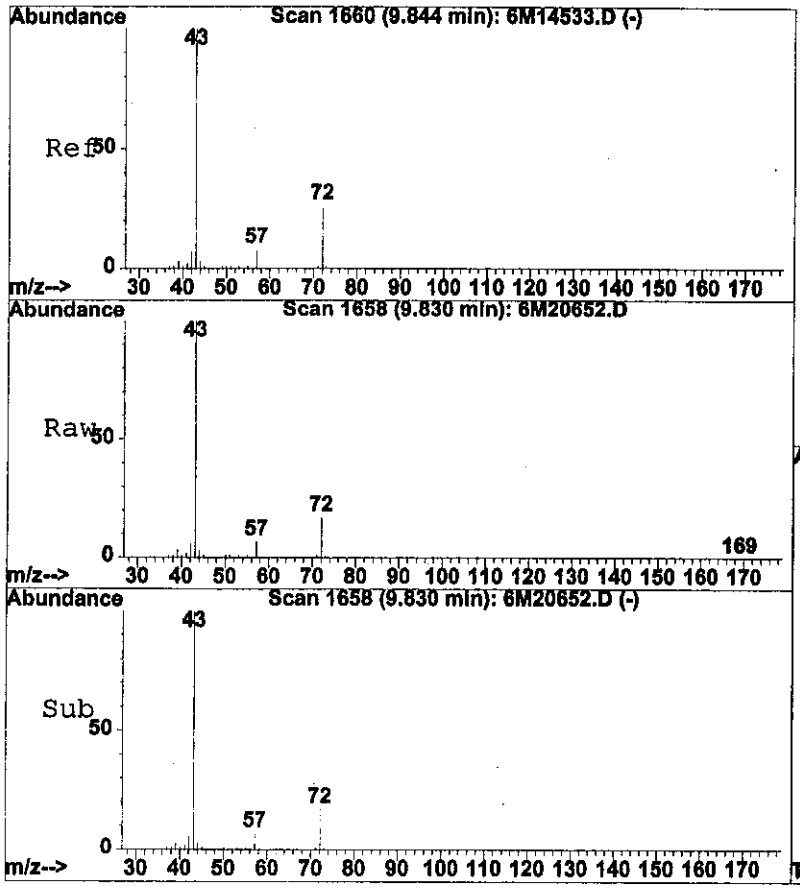


#20
n-Hexane
Concen: 1.46 ug/kg
RT: 8.65 min Scan# 1435
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 57 Resp: 28480

Ion	Ratio	Lower	Upper
57	100		
43	426.3	59.0	88.6#

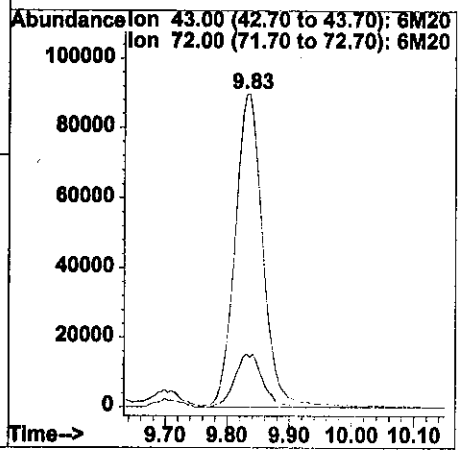


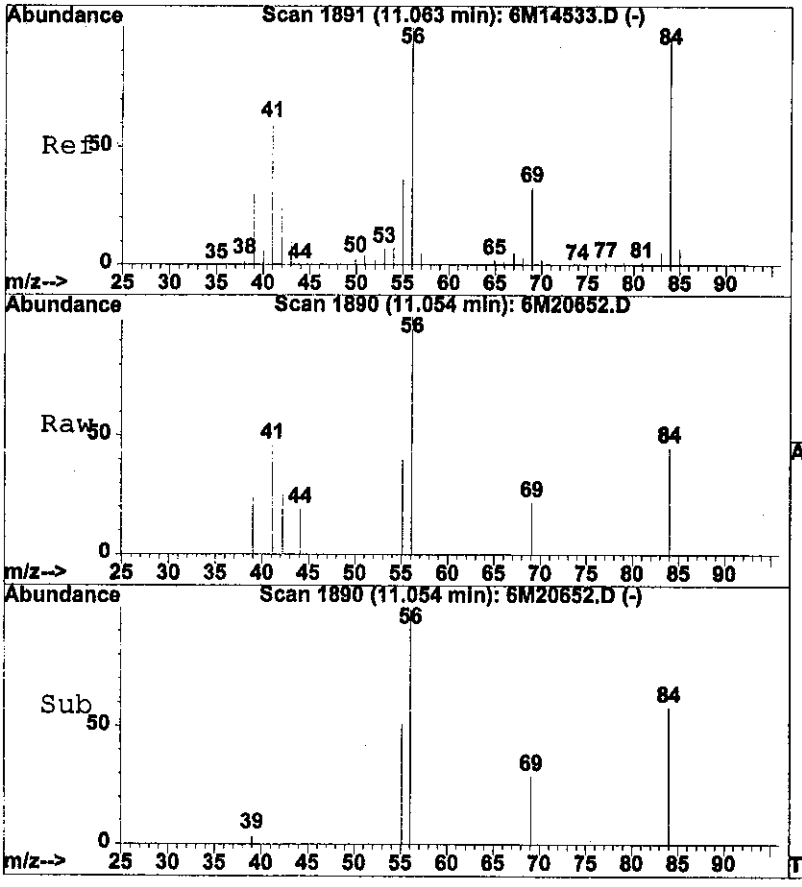


#23
2-Butanone
Concen: 44.73 ug/kg
RT: 9.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 43 Resp: 279509

Ion	Ratio	Lower	Upper
43	100		
72	16.8	16.2	24.4

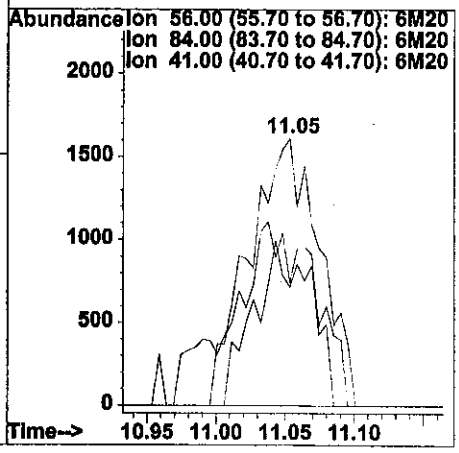


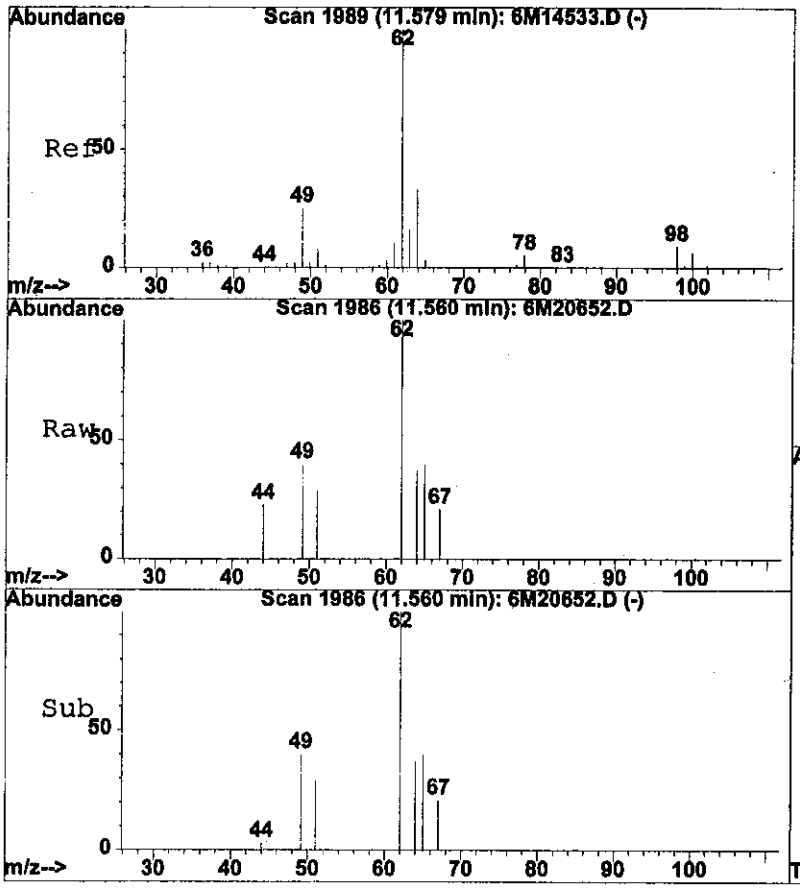


#30
Cyclohexane
Concen: 0.26 ug/kg
RT: 11.05 min Scan# 1890
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 56 Resp: 5727

Ion	Ratio	Lower	Upper
56	100		
84	18.7	64.1	96.1#
41	26.0	52.9	79.3#

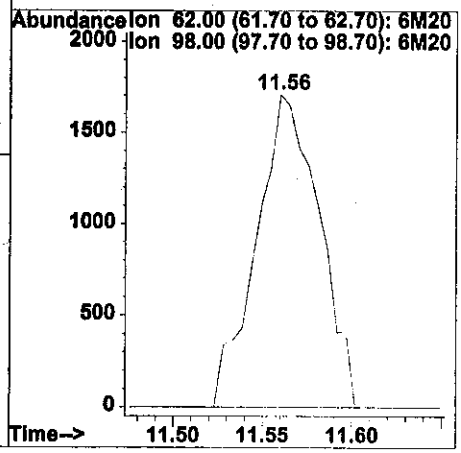


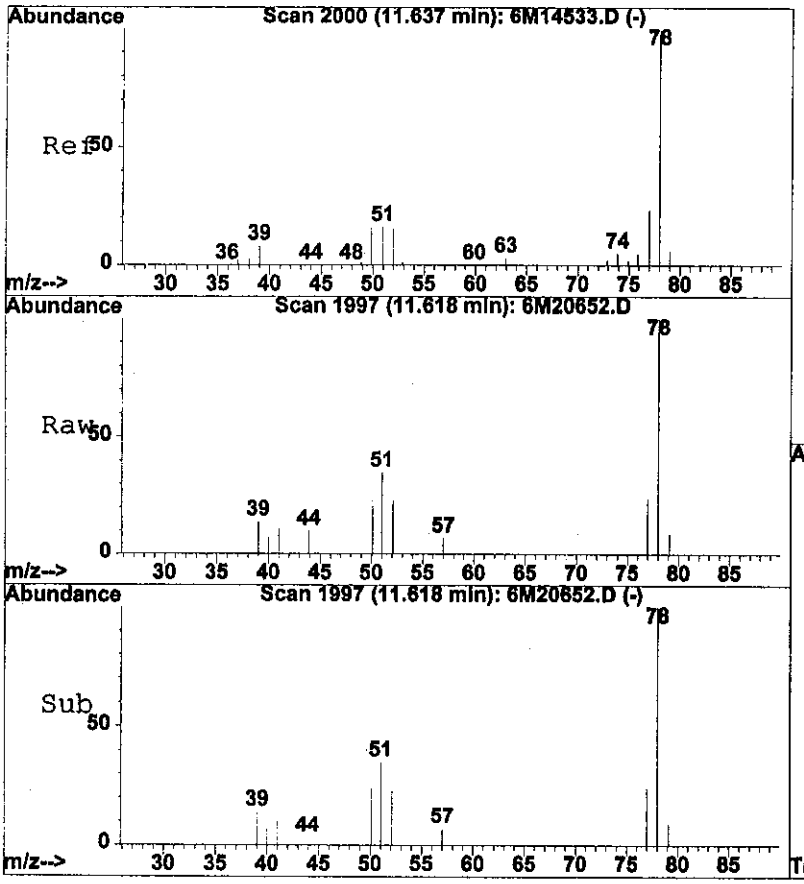


#34
1,2-Dichloroethane
Concen: 0.25 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 62 Resp: 4164

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

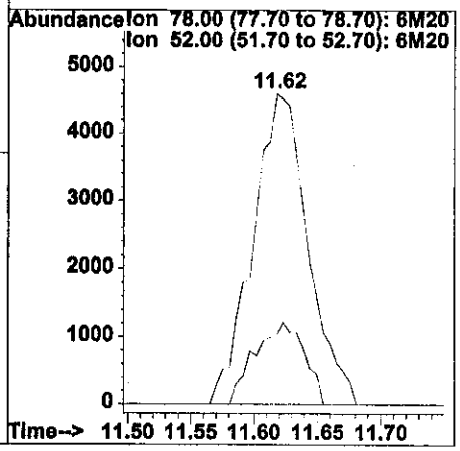


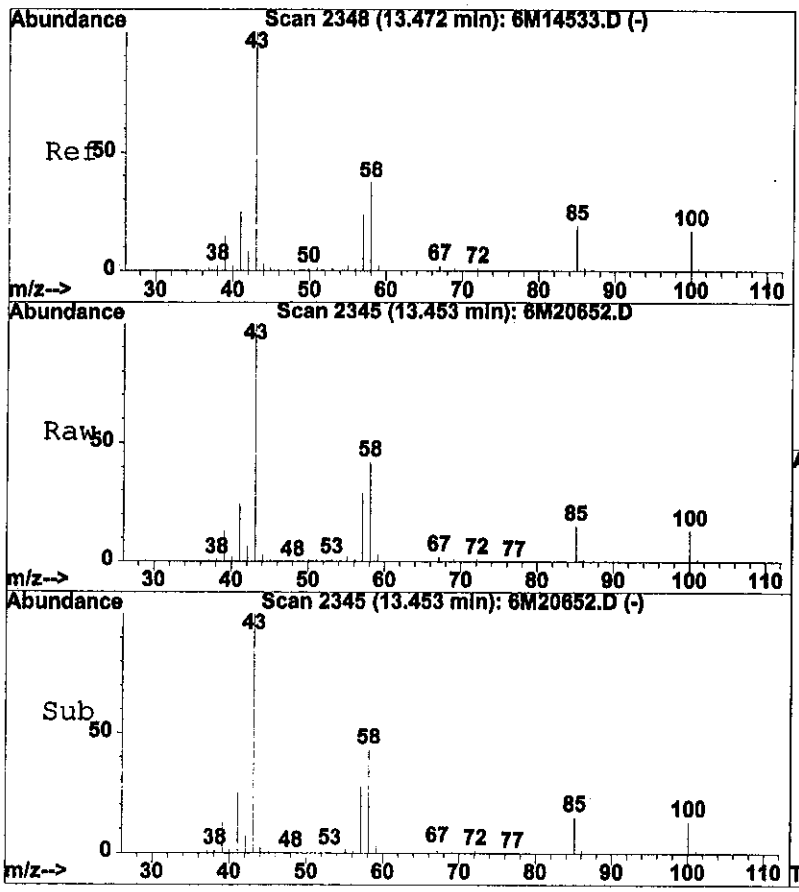


#35
Benzene
Concen: 0.40 ug/kg
RT: 11.62 min Scan# 1997
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 78 Resp: 13891

Ion	Ratio	Lower	Upper
78	100		
52	23.6	14.2	21.4#

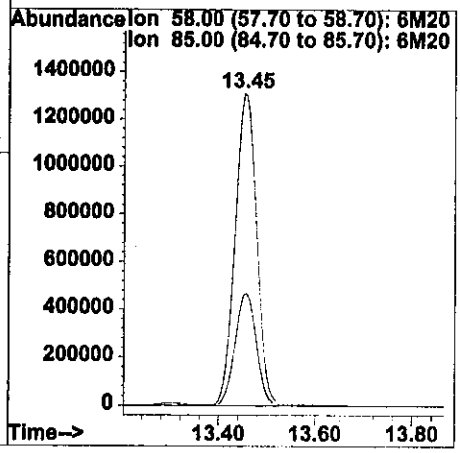


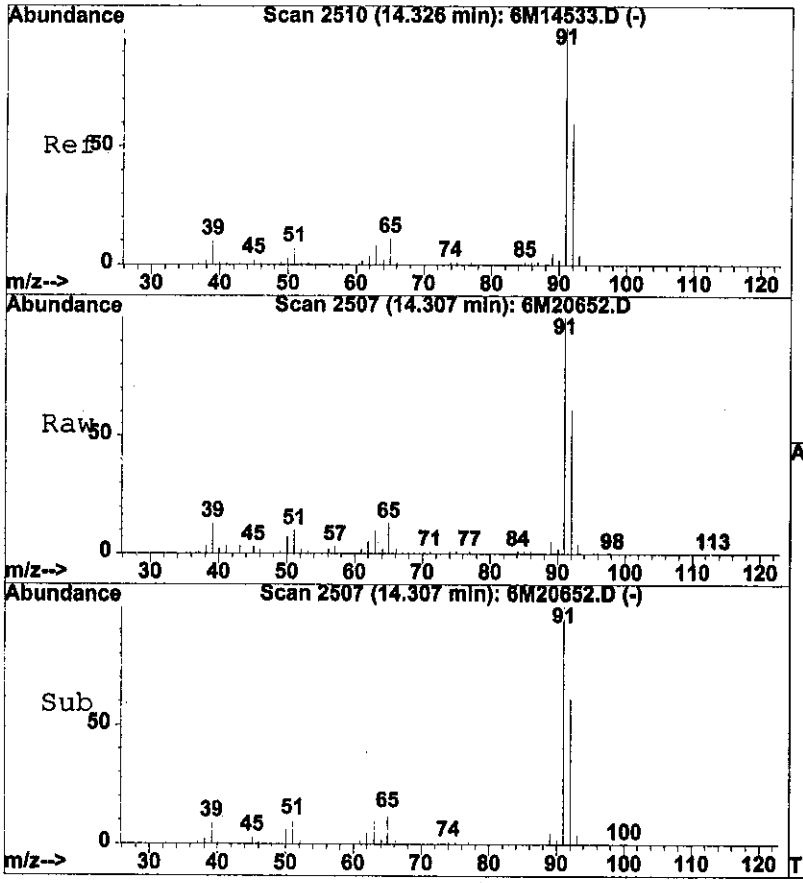


#41
4-Methyl-2-Pentanone
Concen: 1064.08 ug/kg
RT: 13.45 min Scan# 2345
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 58 Resp: 4041678

Ion	Ratio	Lower	Upper
58	100		
85	35.1	32.2	48.2

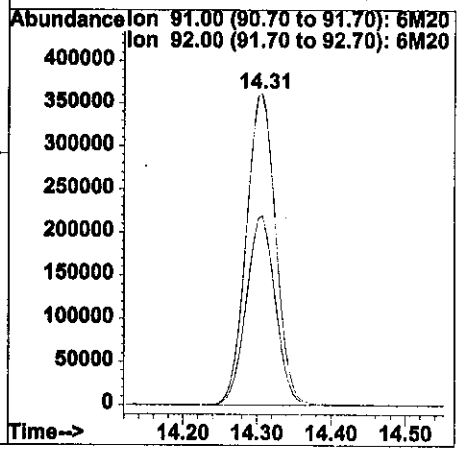


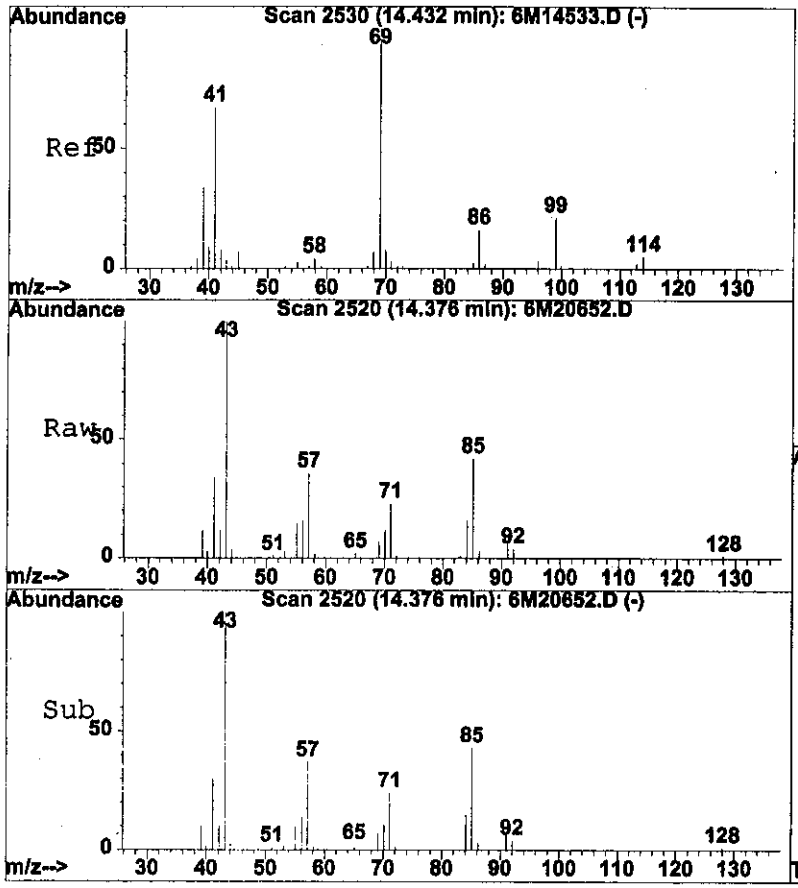


#46
Toluene
Concen: 24.89 ug/kg
RT: 14.31 min Scan# 2507
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 91 Resp: 996663

Ion	Ratio	Lower	Upper
91	100		
92	60.0	46.6	69.8

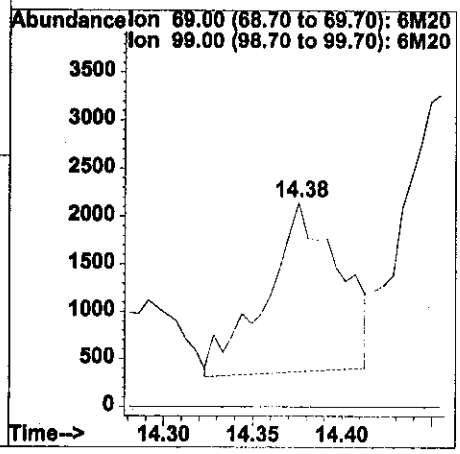


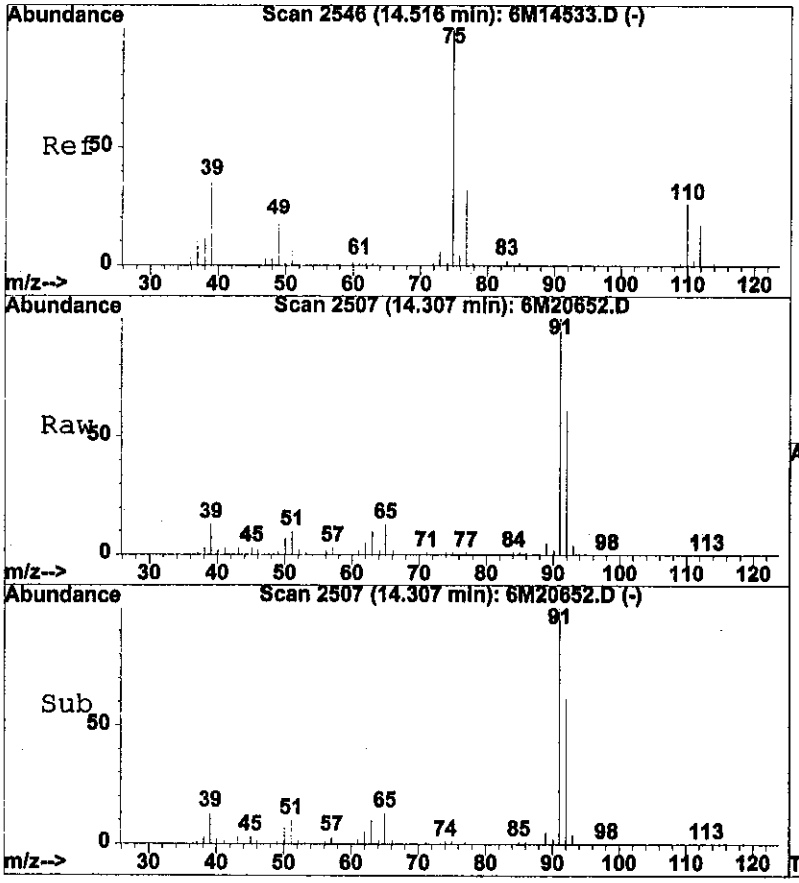


#47
Ethyl Methacrylate
Concen: 0.48 ug/kg
RT: 14.38 min Scan# 2520
Delta R.T. -0.04 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 69 Resp: 5075

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

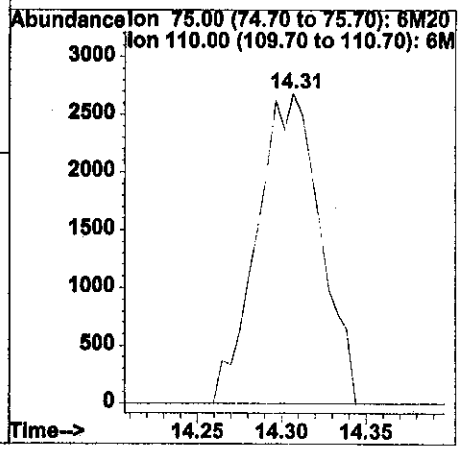


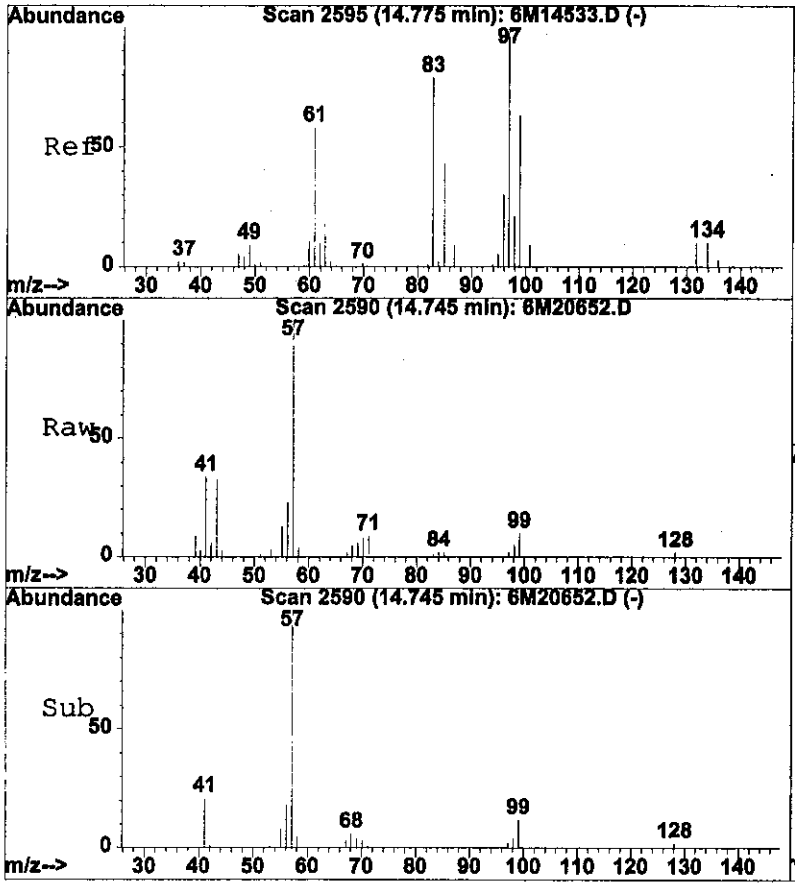


#48
trans-1,3-Dichloropropene
Concen: 0.49 ug/kg
RT: 14.31 min Scan# 2507
Delta R.T. -0.19 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 75 Resp: 6979

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.5	27.7#

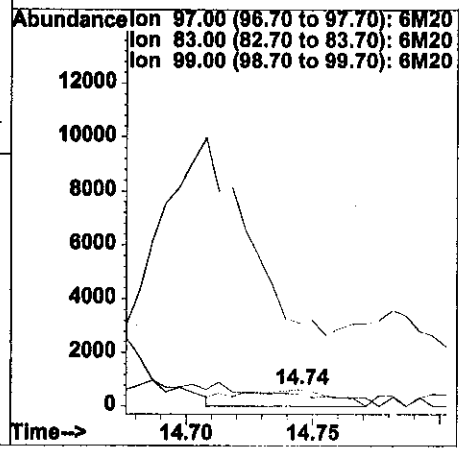


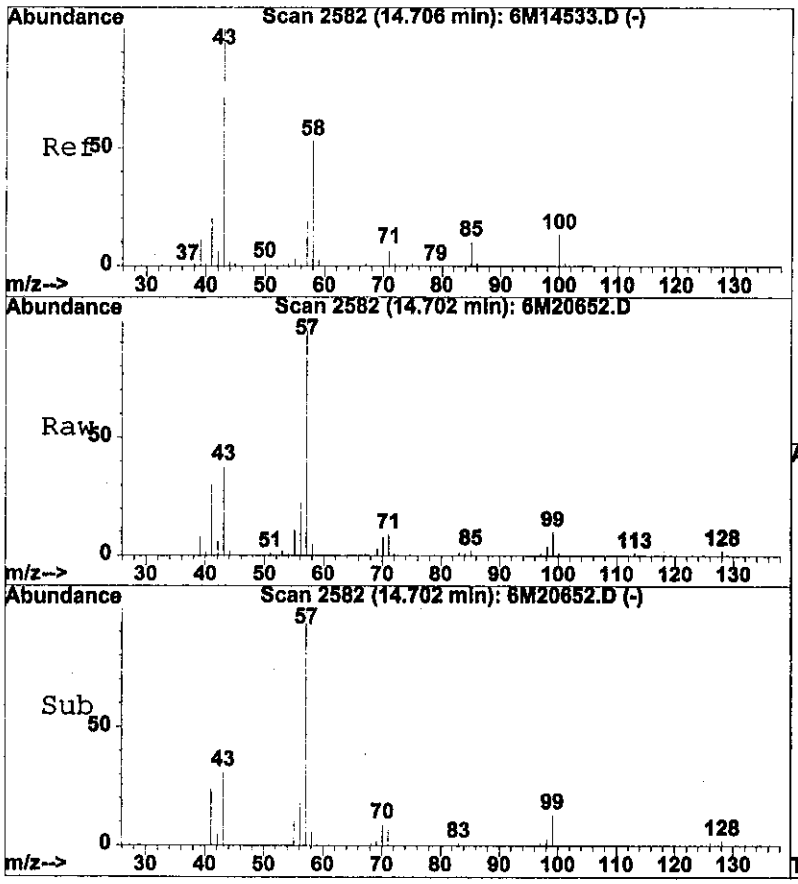


#49
1,1,2-Trichloroethane
Concen: 0.21 ug/kg
RT: 14.74 min Scan# 2590
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 97 Resp: 1635

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
99	623.7	49.8	74.6#

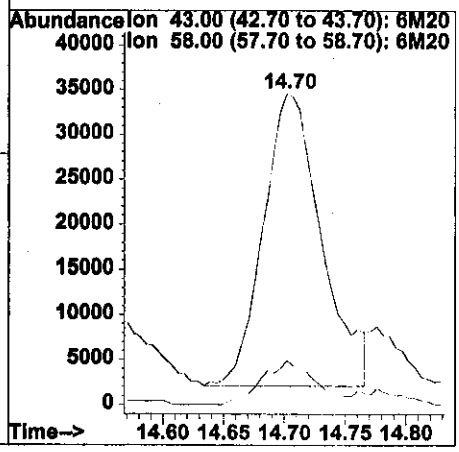


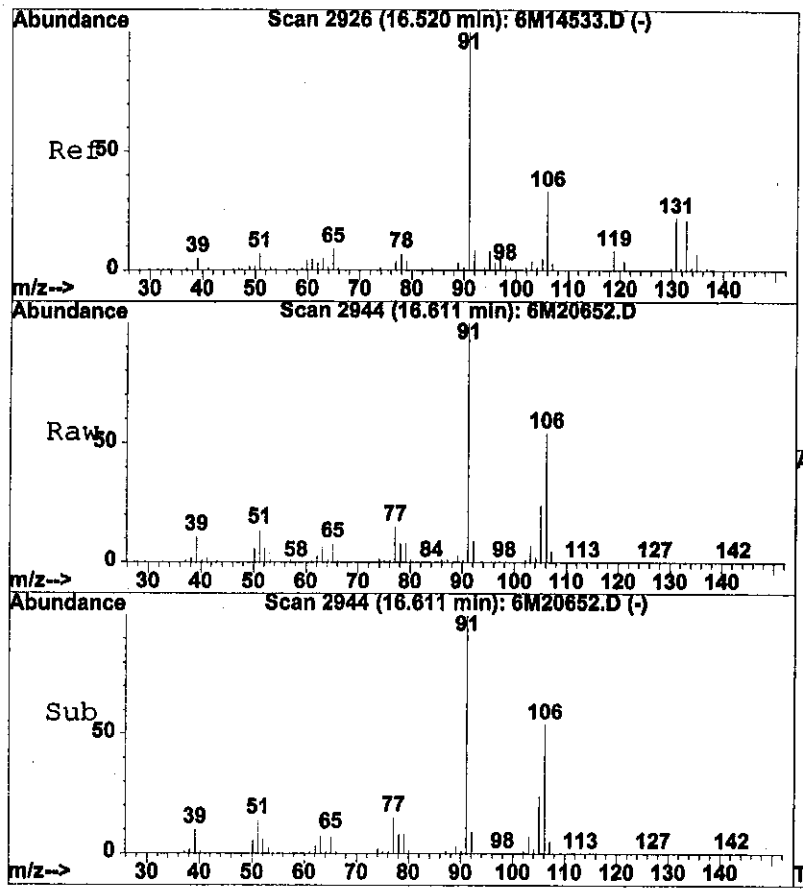


#50
2-Hexanone
Concen: 10.72 ug/kg
RT: 14.70 min Scan# 2582
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 43 Resp: 108036

Ion	Ratio	Lower	Upper
43	100		
58	13.7	5.5	8.3#

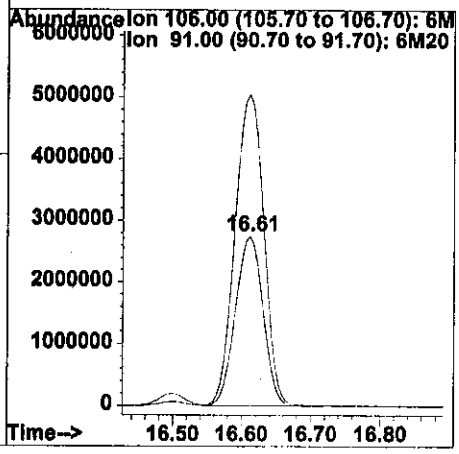


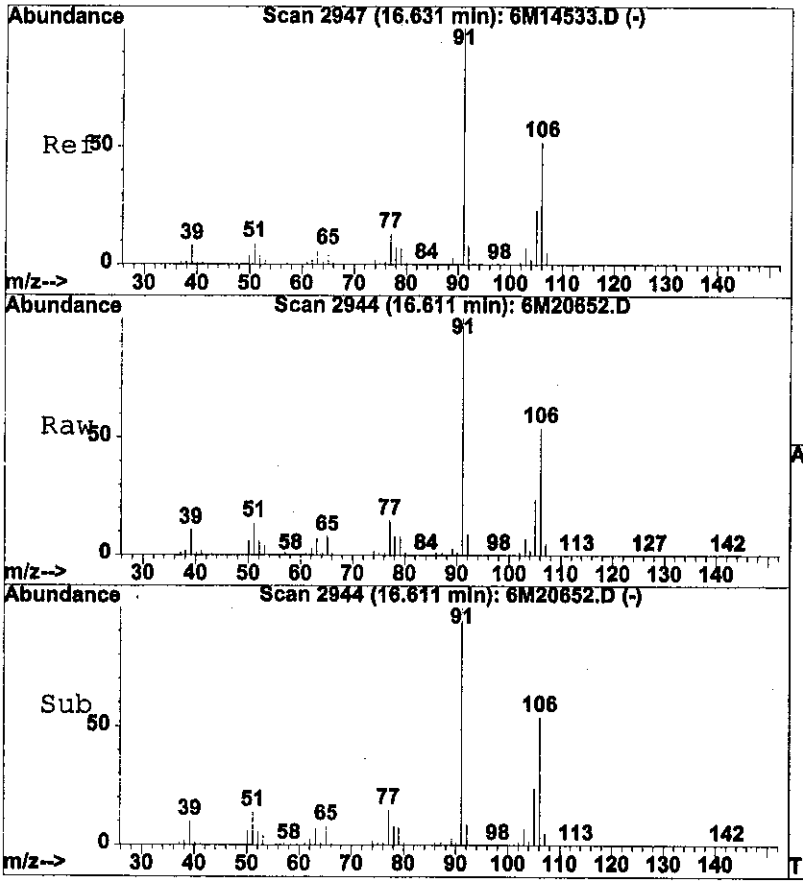


#58
Ethylbenzene
Concen: 496.30 ug/kg
RT: 16.61 min Scan# 2944
Delta R.T. 0.11 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:106 Resp: 7613255

Ion	Ratio	Lower	Upper
106	100		
91	191.9	259.6	389.4#

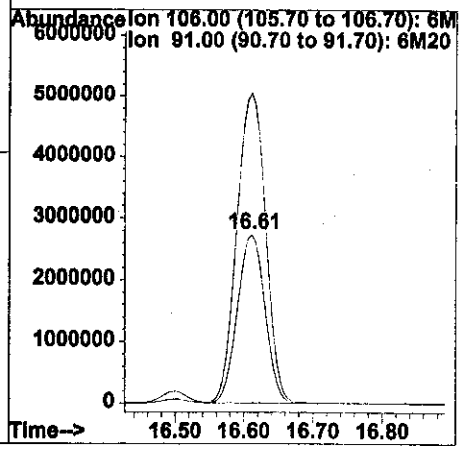


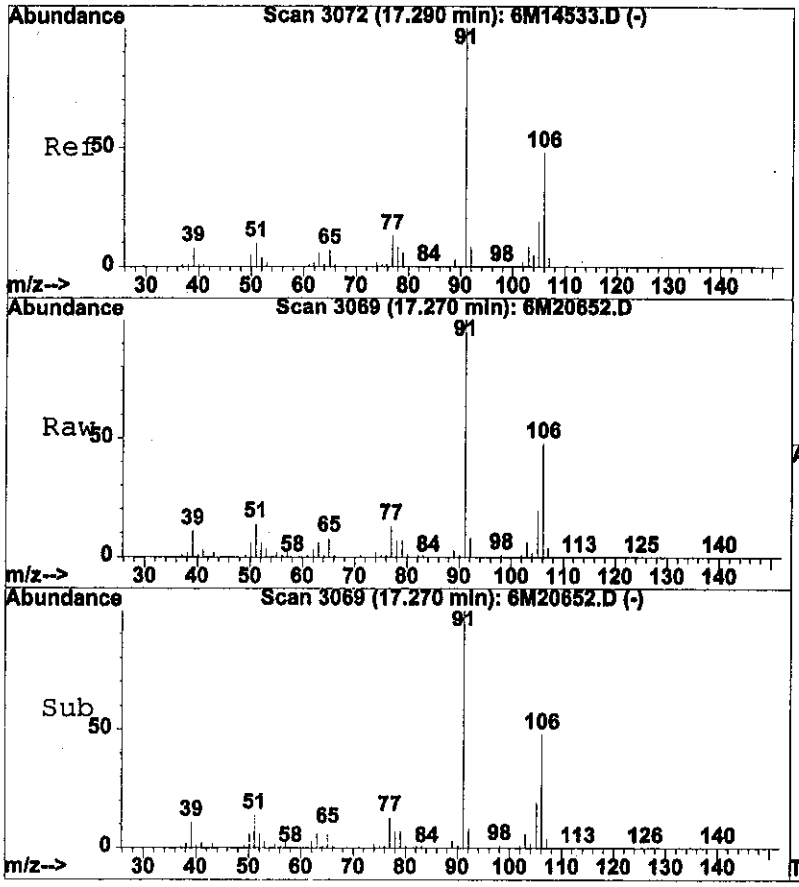


#59
m-,p-Xylene
Concen: 393.42 ug/kg
RT: 16.61 min Scan# 2944
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:106 Resp: 7613255

Ion	Ratio	Lower	Upper
106	100		
91	191.9	165.9	248.9

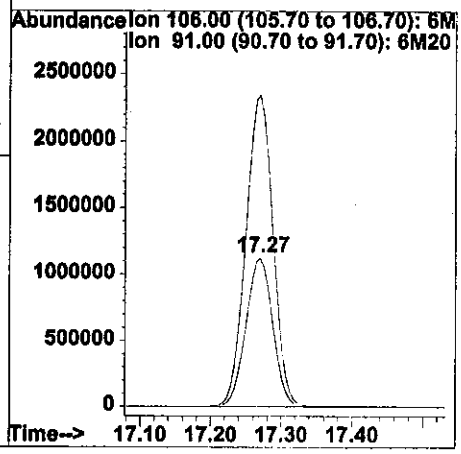


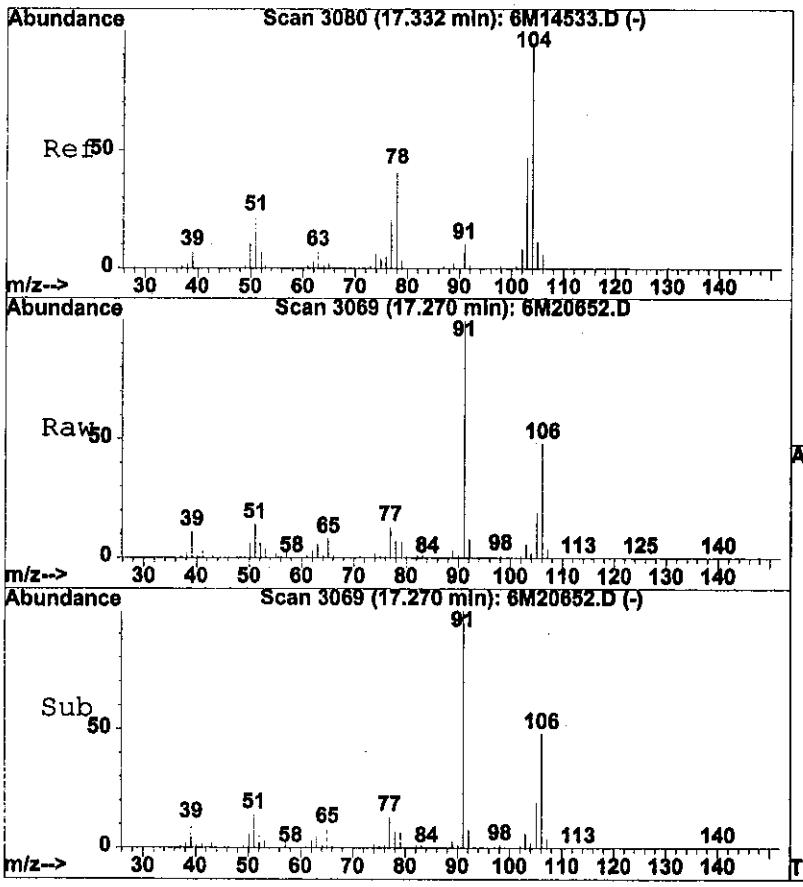


#60
o-Xylene
Concen: 160.40 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:106 Resp: 2968253

Ion	Ratio	Lower	Upper
106	100		
91	210.9	174.6	262.0

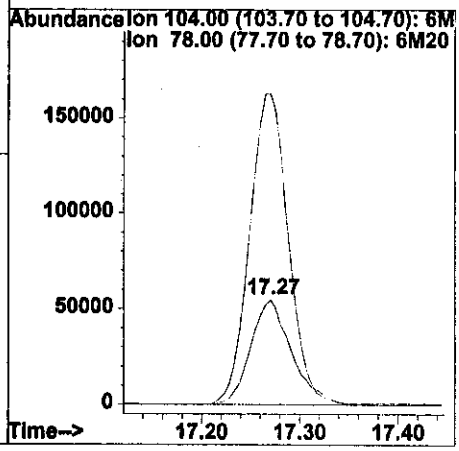


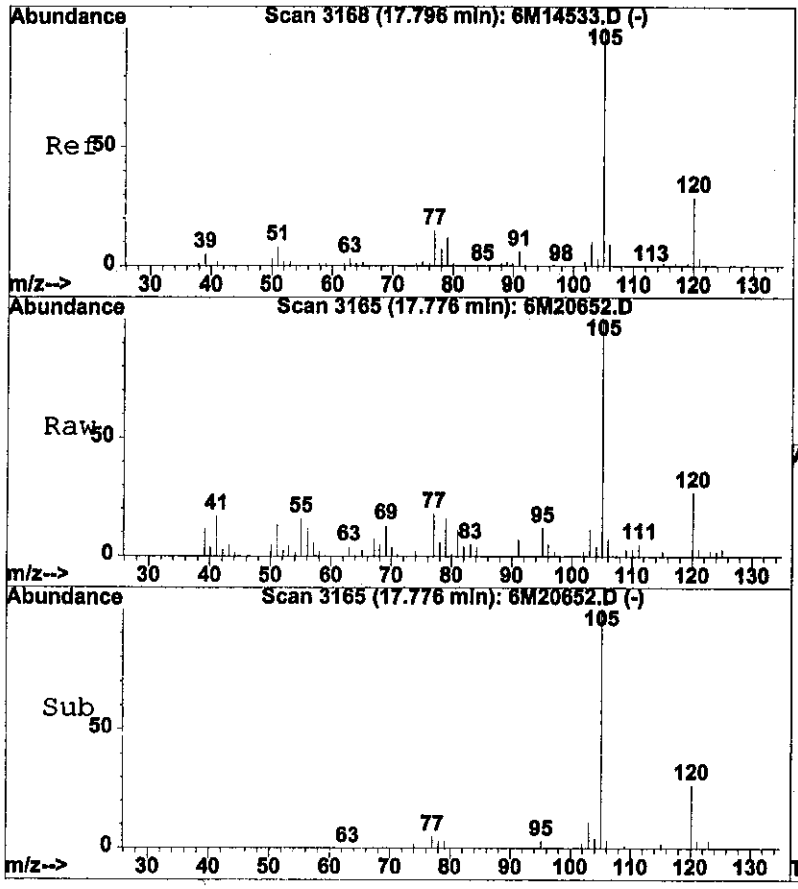


#61
Styrene
Concen: 5.08 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. -0.04 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:104 Resp: 158598

Ion	Ratio	Lower	Upper
104	100		
78	281.8	43.7	65.5#

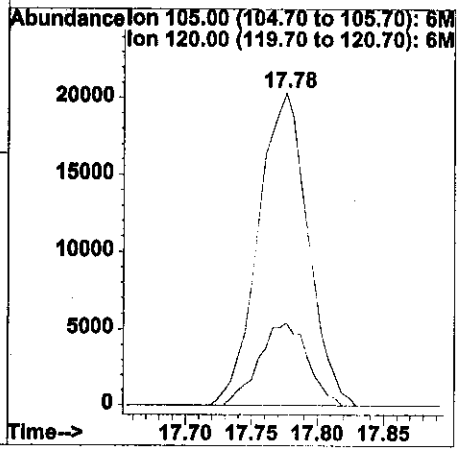


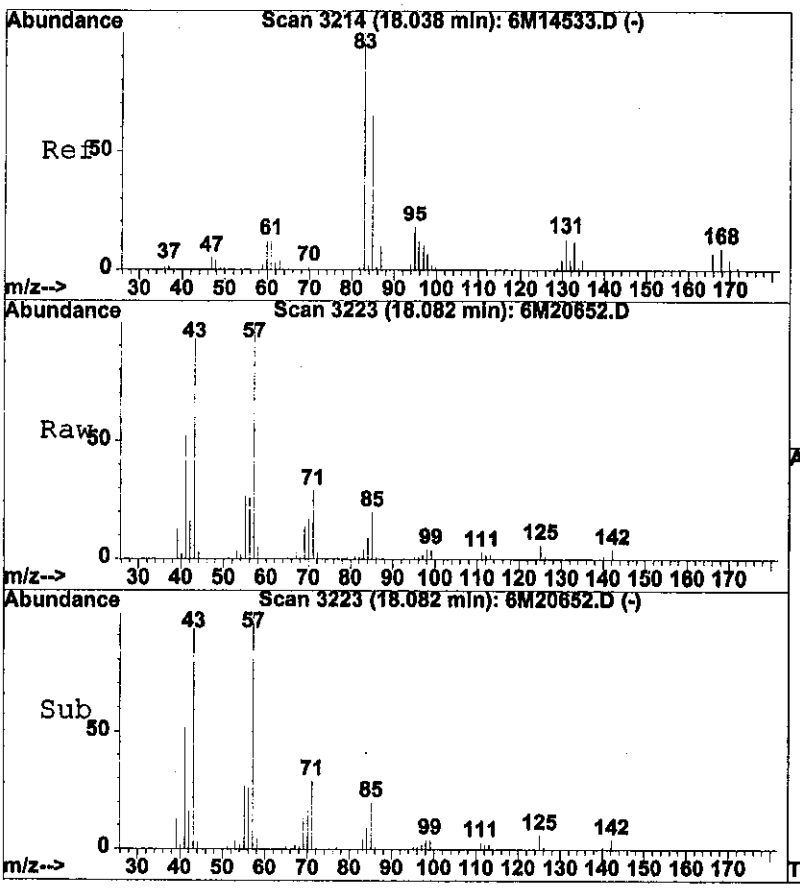


#63
Isopropylbenzene
Concen: 1.11 ug/kg
RT: 17.78 min Scan# 3165
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:105 Resp: 53250

Ion	Ratio	Lower	Upper
105	100		
120	26.2	21.3	31.9

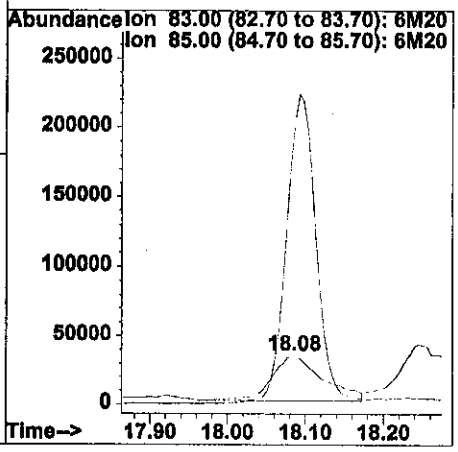


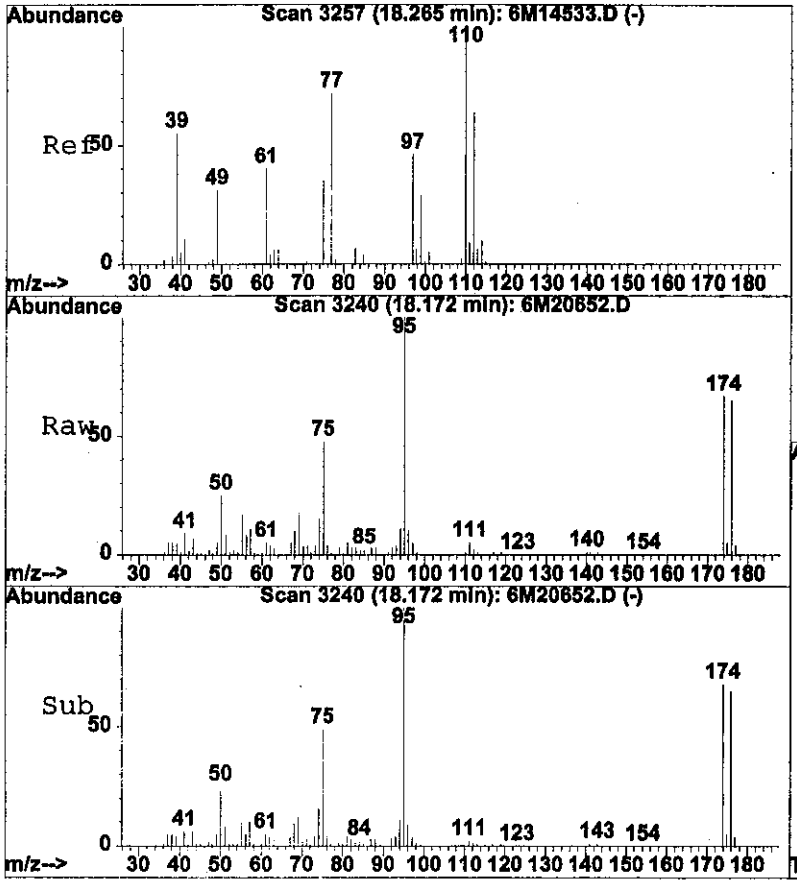


#65
1,1,2,2-Tetrachloroethane
Concen: 14.96 ug/kg
RT: 18.08 min Scan# 3223
Delta R.T. 0.06 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 83 Resp: 149607

Ion	Ratio	Lower	Upper
83	100		
85	399.0	51.0	76.4#

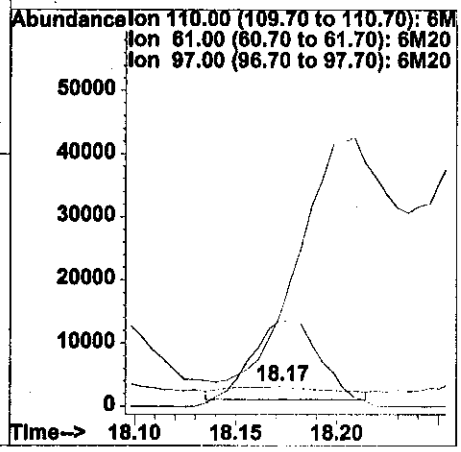


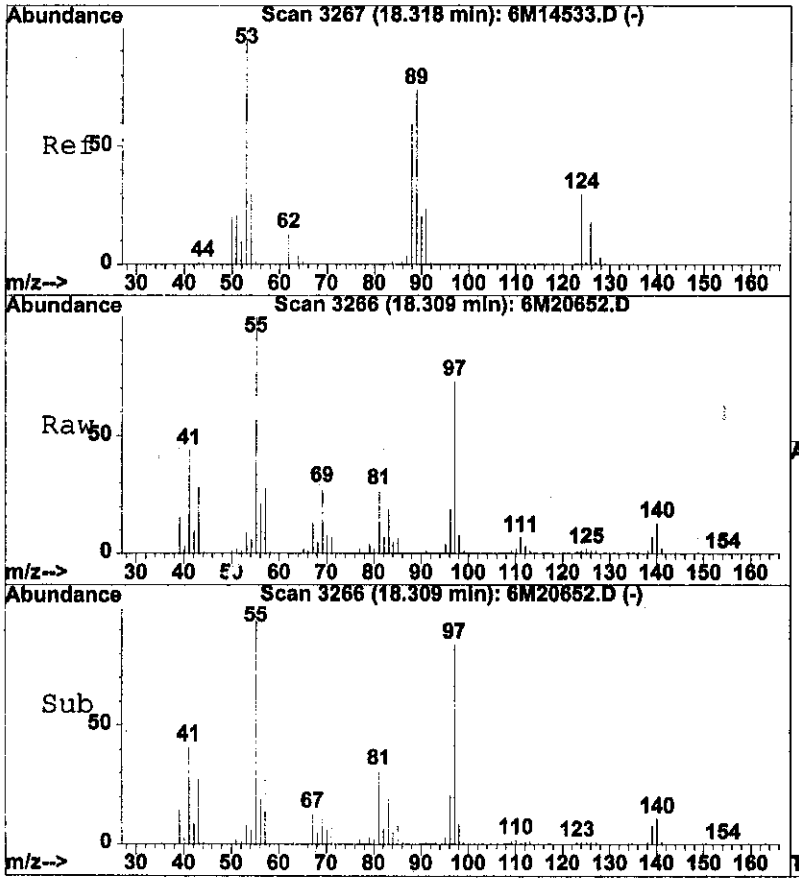


#67
1,2,3-Trichloropropane
Concen: 2.27 ug/kg
RT: 18.17 min Scan# 3240
Delta R.T. -0.06 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:110 Resp: 7702

Ion	Ratio	Lower	Upper
110	100		
61	429.5	47.3	70.9#
97	1595.3	39.7	59.5#

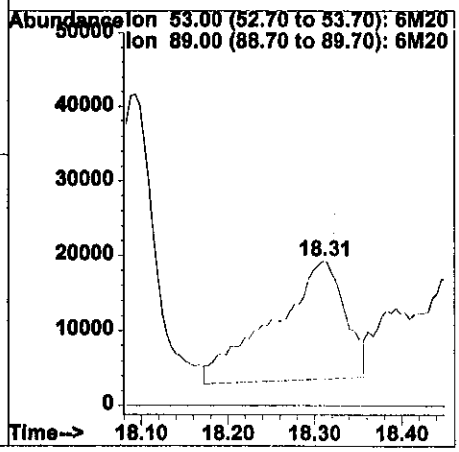


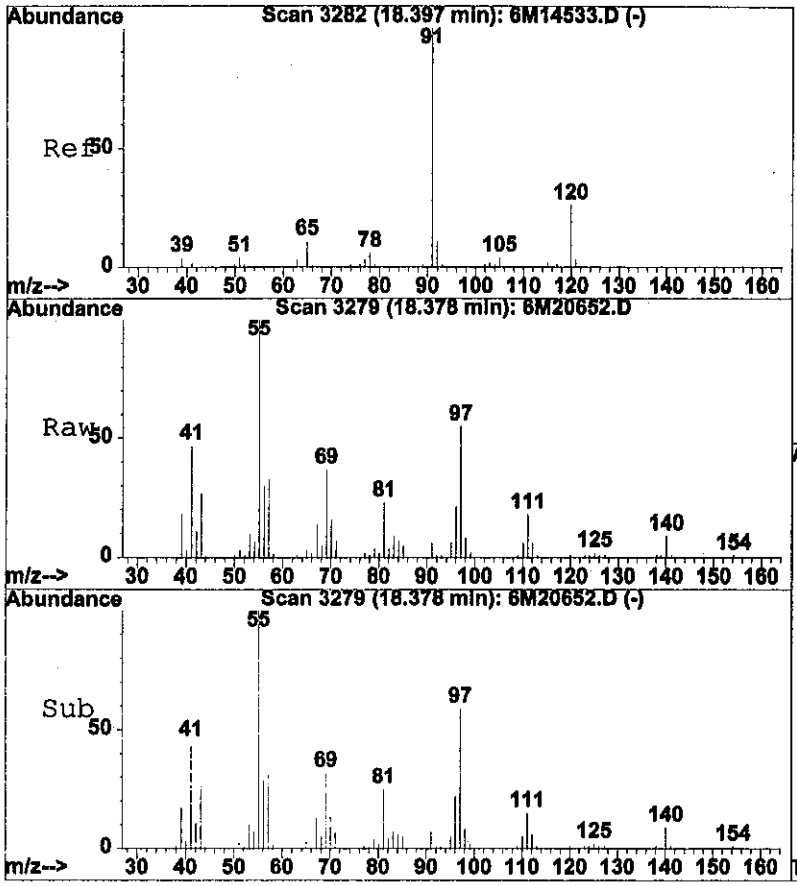


#68
trans-1,4-Dichloro-2-Butene
Concen: 22.13 ug/kg
RT: 18.31 min Scan# 3266
Delta R.T. 0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 53 Resp: 90831

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

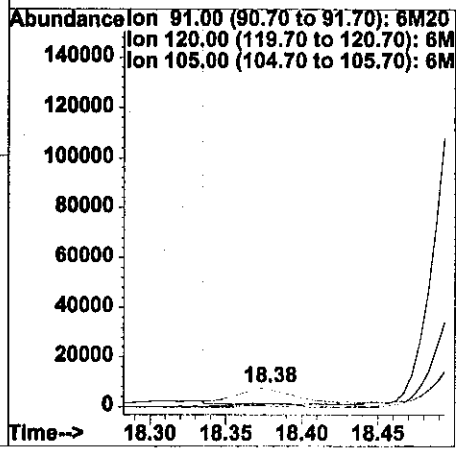


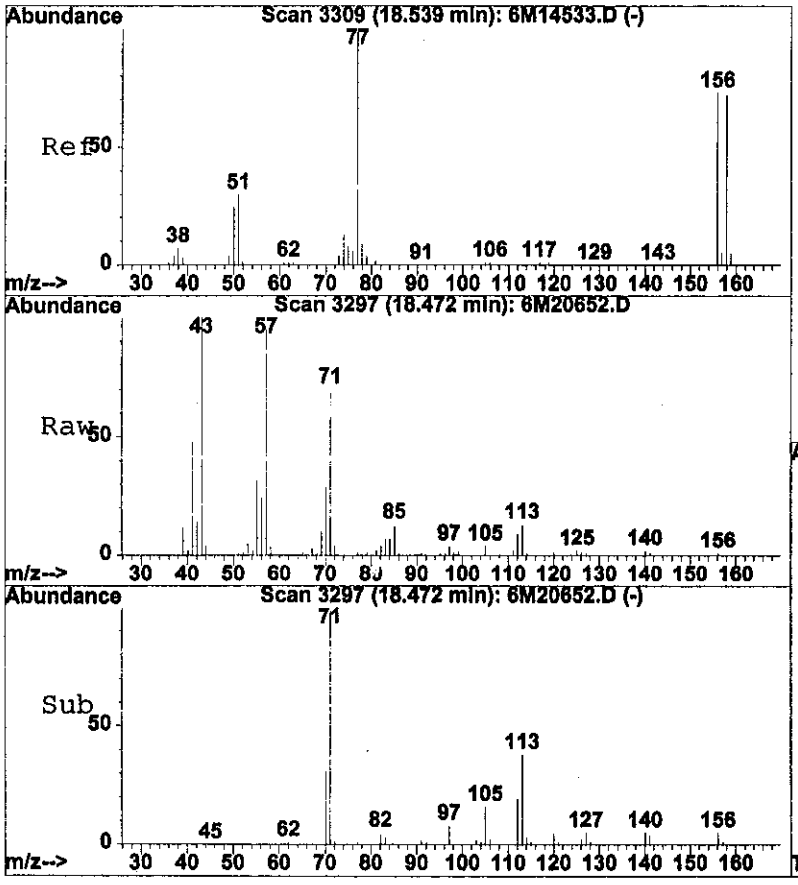


#69
n-Propylbenzene
Concen: 0.30 ug/kg
RT: 18.38 min Scan# 3279
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 91 Resp: 17450

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.6	26.4#
105	0.0	2.8	4.2#

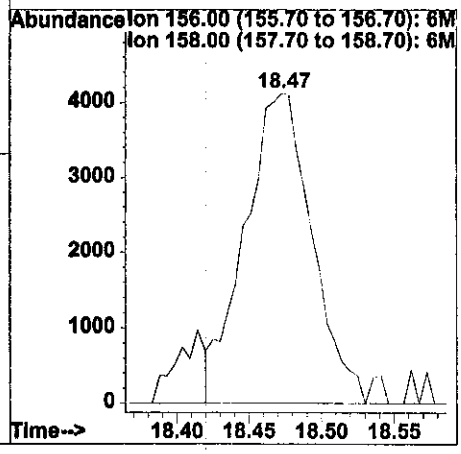


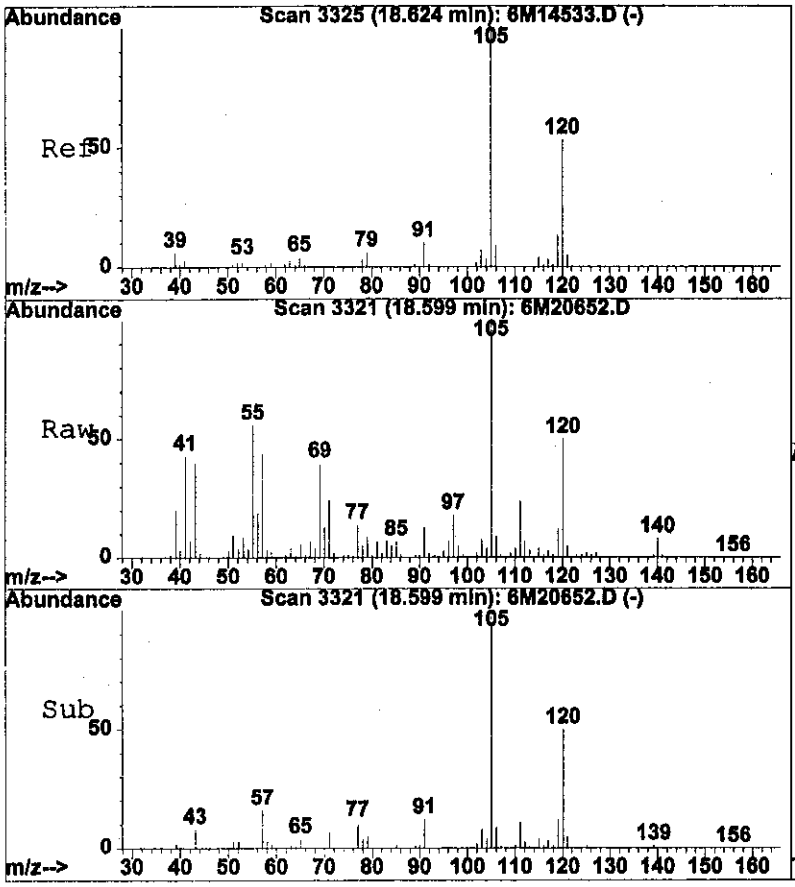


#70
Bromobenzene
Concen: 1.10 ug/kg
RT: 18.47 min Scan# 3297
Delta R.T. -0.04 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:156 Resp: 13292

Ion	Ratio	Lower	Upper
156	100		
158	0.0	77.8	116.8#

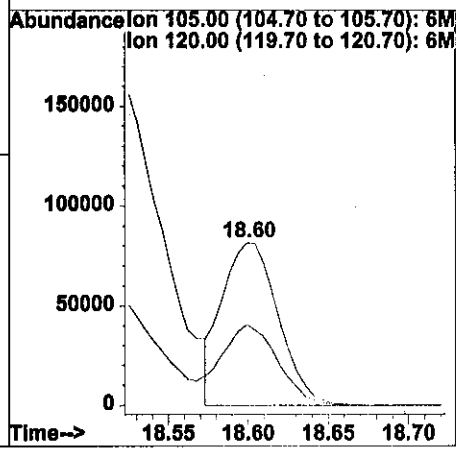


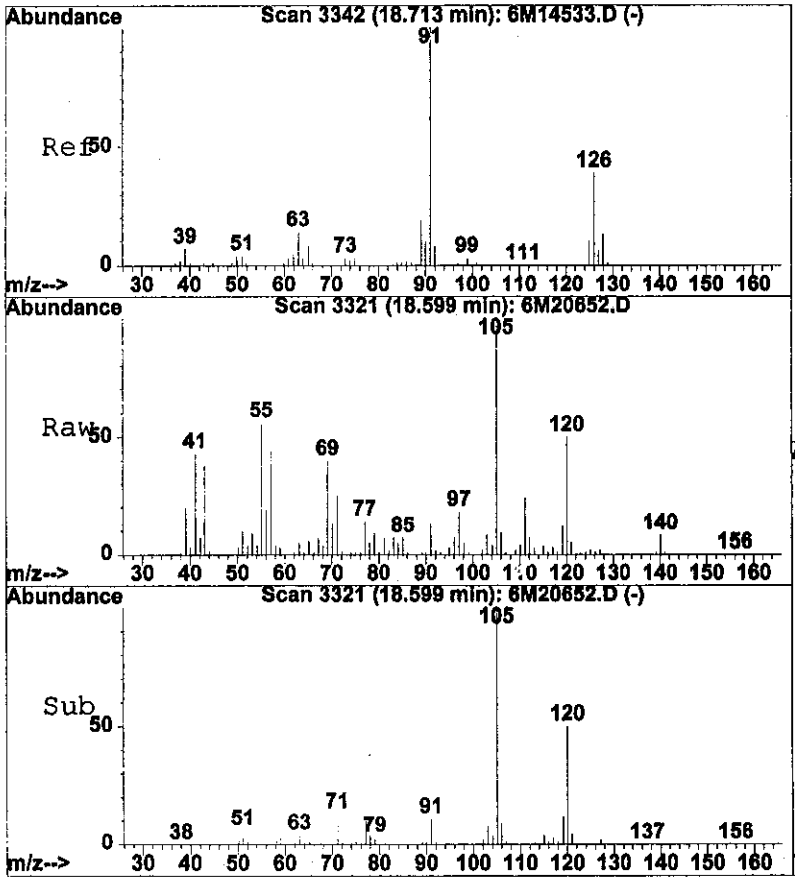


#71
1,3,5-Trimethylbenzene
Concen: 4.82 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:105 Resp: 199651

Ion	Ratio	Lower	Upper
105	100		
120	50.1	38.2	57.4

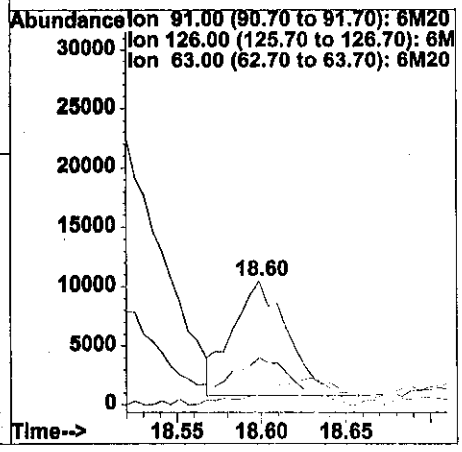


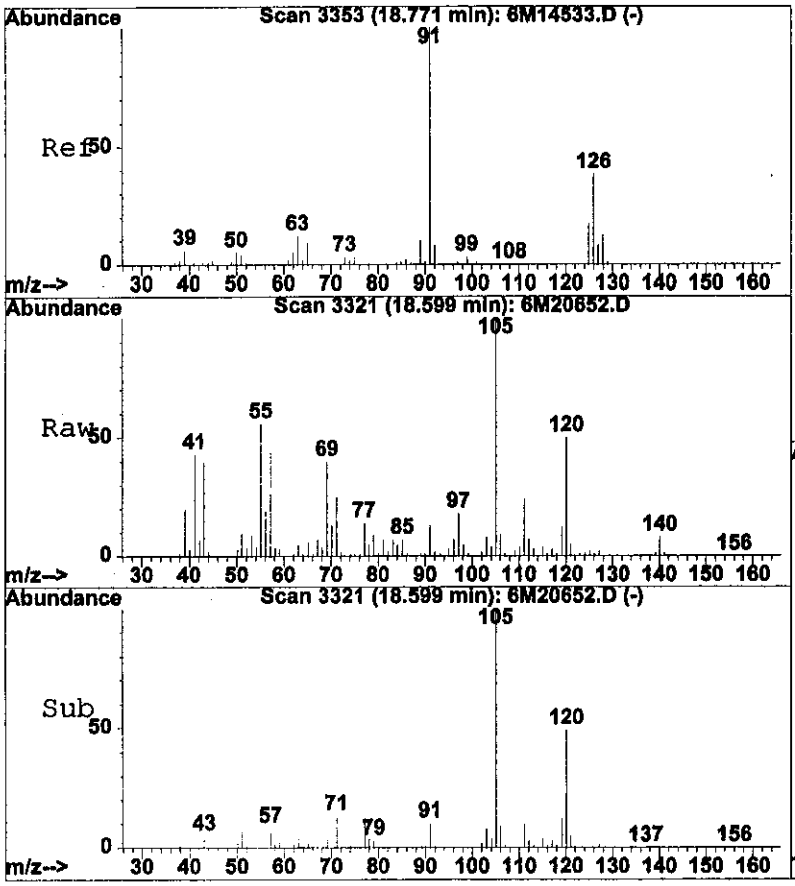


#72
2-Chlorotoluene
Concen: 0.60 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.09 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 91 Resp: 22101

Ion	Ratio	Lower	Upper
91	100		
126	33.8	25.4	38.0
63	44.4	10.2	15.4#

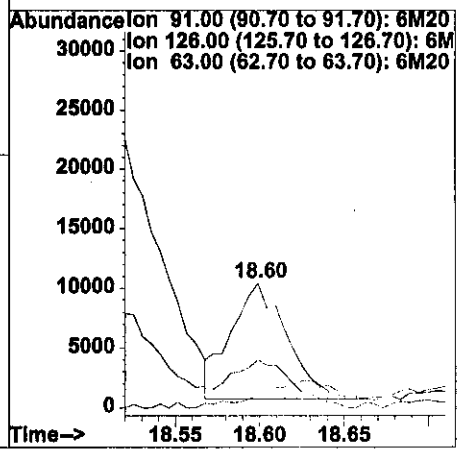


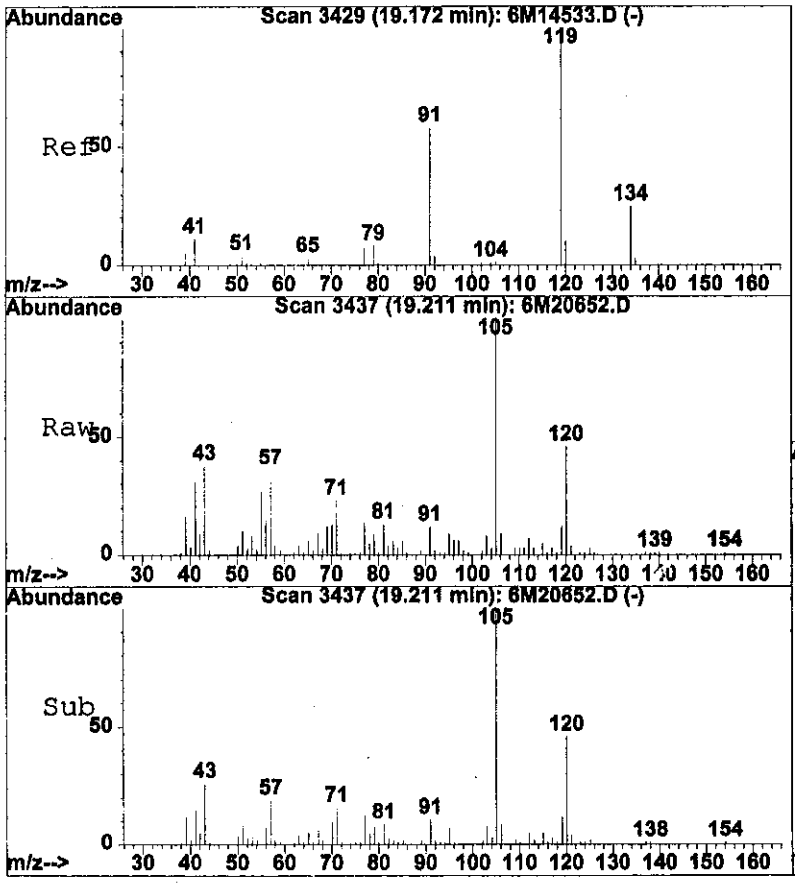


#73
4-Chlorotoluene
Concen: 0.59 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.15 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 91 Resp: 22101

Ion	Ratio	Lower	Upper
91	100		
126	33.8	24.3	36.5
63	44.4	9.8	14.8#

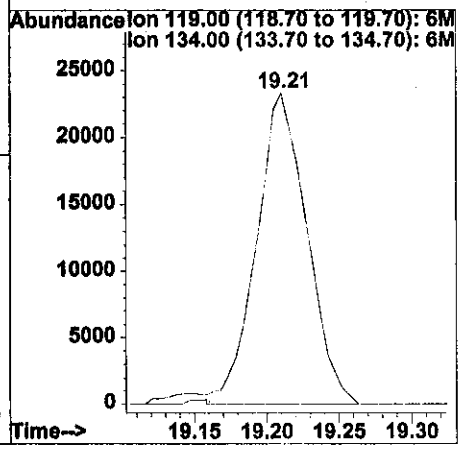


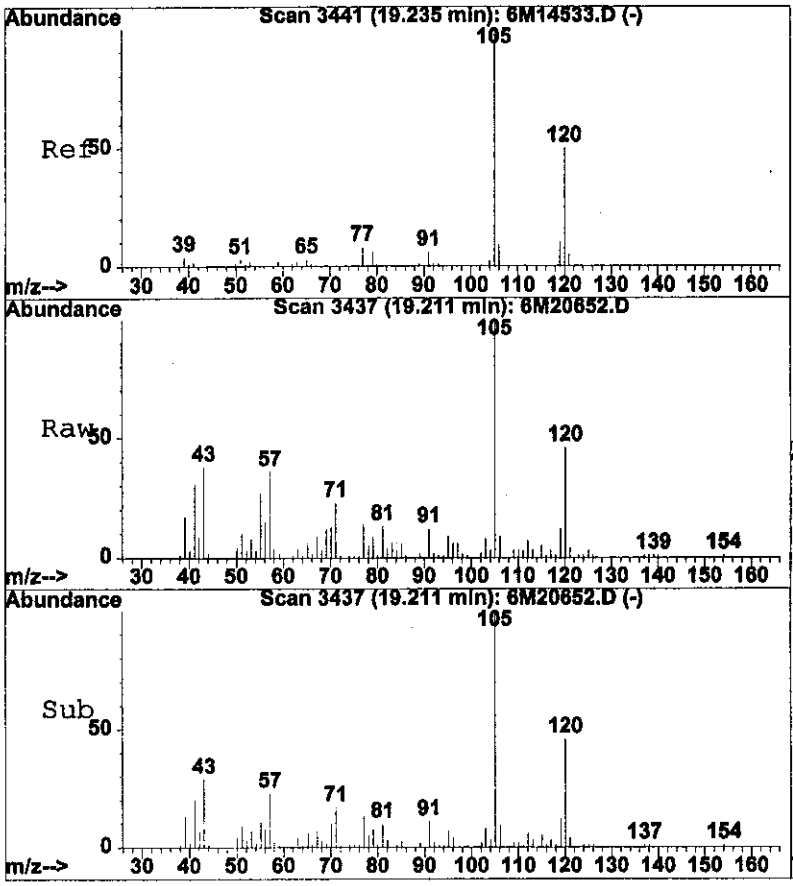


#75
tert-Butylbenzene
Concen: 1.50 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.07 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:119 Resp: 56485

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

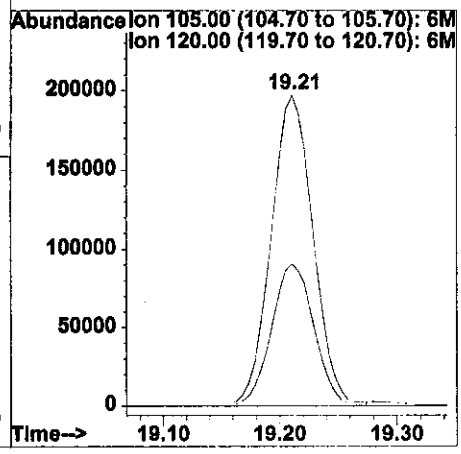


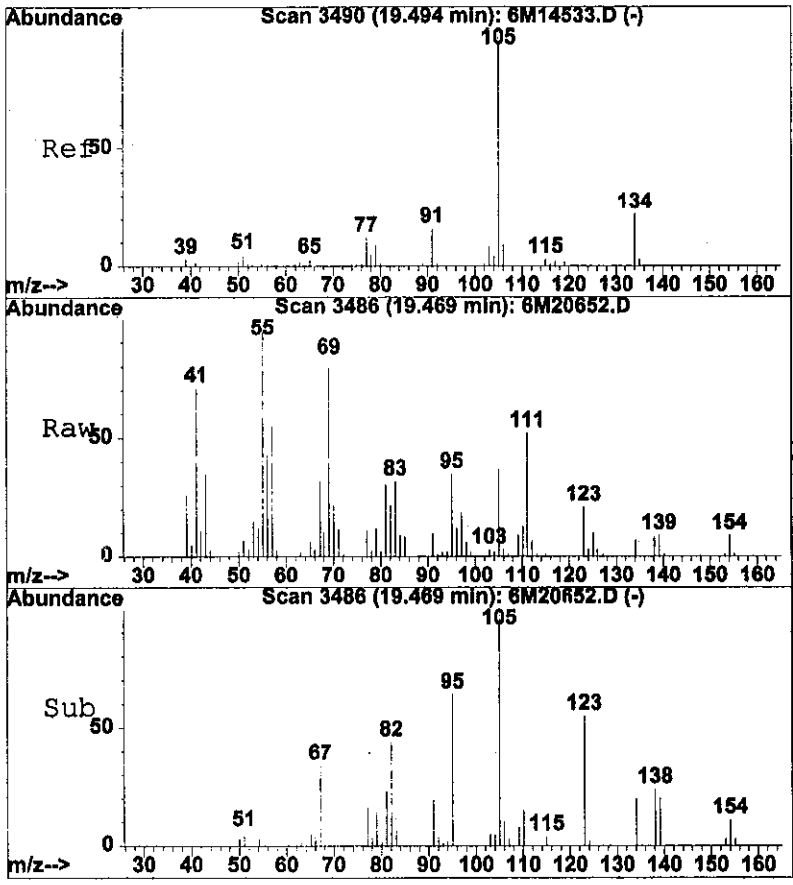


#76
1,2,4-Trimethylbenzene
Concen: 11.42 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:105 Resp: 492520

Ion	Ratio	Lower	Upper
105	100		
120	46.1	35.9	53.9

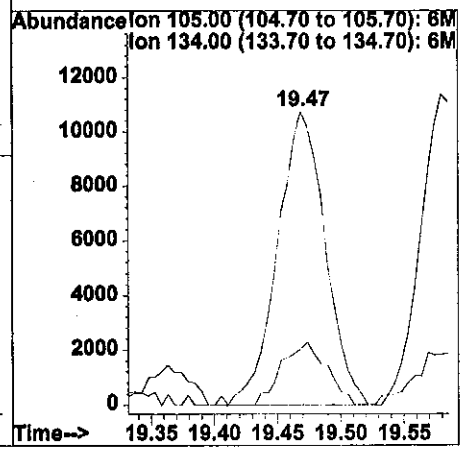


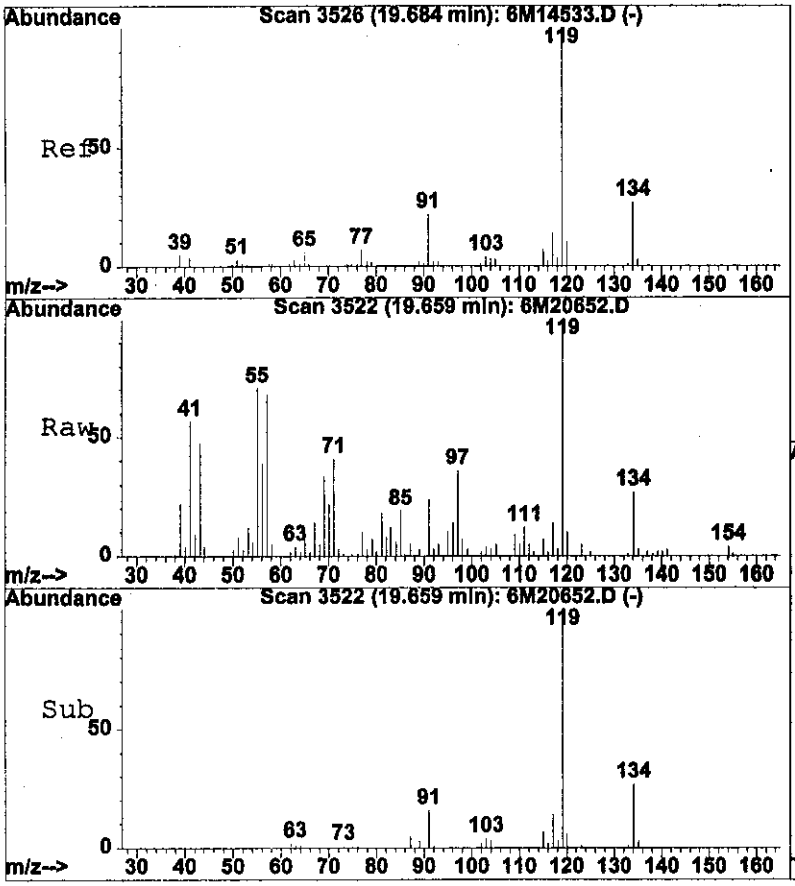


#77
sec-Butylbenzene
Concen: 0.53 ug/kg
RT: 19.47 min Scan# 3486
Delta R.T. 0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:105 Resp: 28088

Ion	Ratio	Lower	Upper
105	100		
134	19.9	15.8	23.6

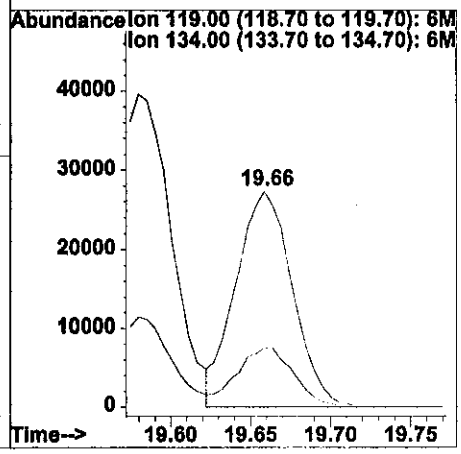


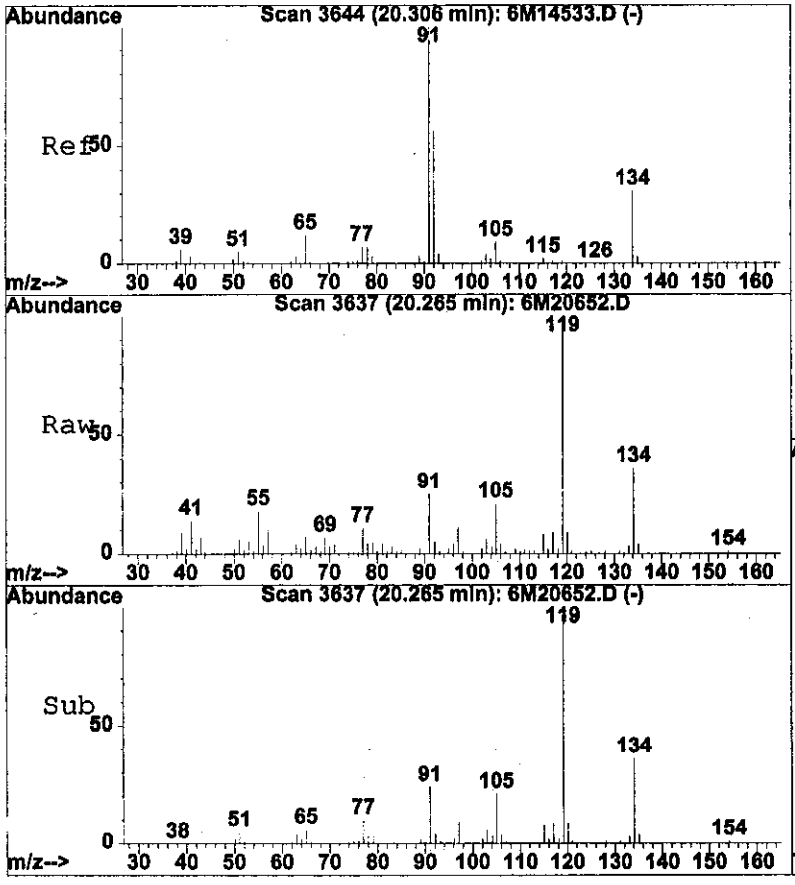


#78
p-Isopropyltoluene
Concen: 1.47 ug/kg
RT: 19.66 min Scan# 3522
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:119 Resp: 67445

Ion	Ratio	Lower	Upper
119	100		
134	27.4	21.4	32.2

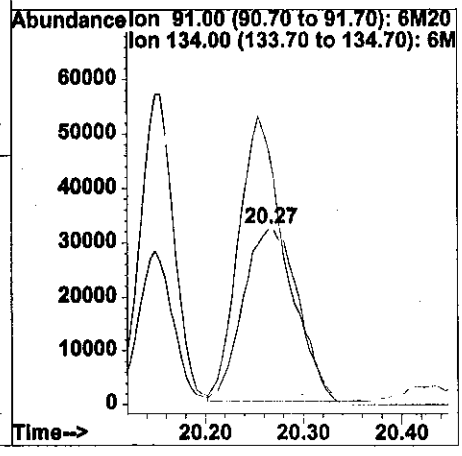


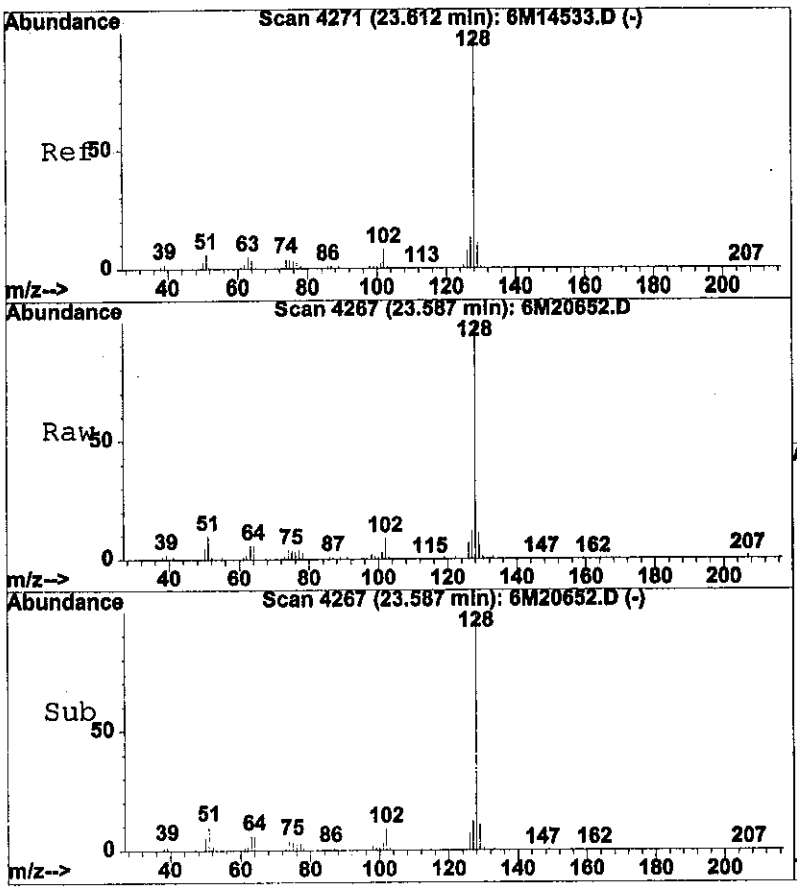


#81
n-Butylbenzene
Concen: 2.89 ug/kg
RT: 20.27 min Scan# 3637
Delta R.T. -0.01 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion: 91 Resp: 126280

Ion	Ratio	Lower	Upper
91	100		
134	141.4	19.5	29.3#

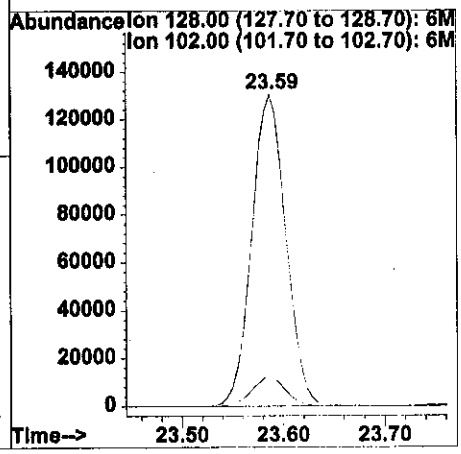




#86
Naphthalene
Concen: 7.95 ug/kg
RT: 23.59 min Scan# 4267
Delta R.T. -0.00 min
Lab File: 6M20652.D
Acq: 19 Jun 2000 15:41

Tgt Ion:128 Resp: 305071

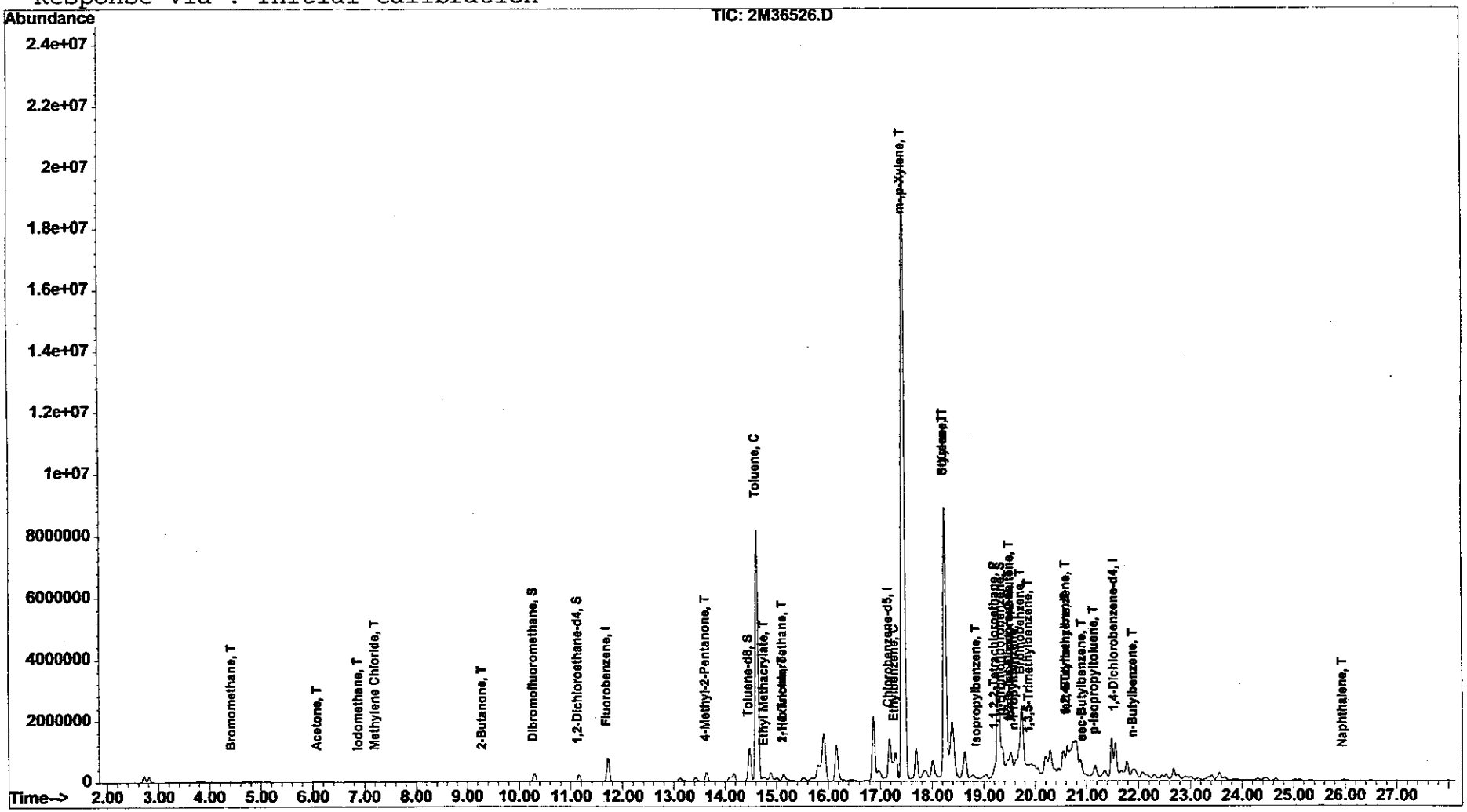
Ion	Ratio	Lower	Upper
128	100		
102	9.1	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36526.D Vial: 14
Acq On : 19 Jun 2000 17:54 Operator: CMS
Sample : L0006193-07 80X IT CORP 826-SPE-VO 6.3G/ Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 398-PPG-TANK Multiplr: ~~1.00~~ 80
6/20/00 cws
MS Integration Params: rteint.p
Quant Time: Jun 19 18:22 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



219

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36526.D Vial: 14
Acq On : 19 Jun 2000 17:54 Operator: CMS
Sample : L0006193-07 80X IT CORP 826-SPE-VO 6.3G/ Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 398-PPG-TANK Multiplr: 80.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:22 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.71	96	1391675	25.00 UG/L	-0.05
44) Chlorobenzene-d5	17.18	117	1109932	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	556519	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	335666	23.88 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 95.52%		
33) 1,2-Dichloroethane-d4	11.16	65	272957	22.60 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 90.40%		
45) Toluene-d8	14.48	98	1408651	24.88 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 99.52%		
66) p-Bromofluorobenzene	19.36	95	551616	23.80 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 95.20%		
Target Compounds					Qvalue
5) Bromomethane	4.45	94	4025	52.67 UG/L #	4
11) Acetone	6.10	43	12013	693.23 UG/L #	90
14) Iodomethane	6.91	142	3221	22.25 UG/L #	37
15) Methylene Chloride	7.24	84	2904	17.20 UG/L	98
23) 2-Butanone	9.32	43	43686	1148.90 UG/L #	88
41) 4-Methyl-2-Pentanone	13.64	58	185349	4847.35 UG/L	88
46) Toluene	14.62	91	12386298	12957.74 ug/L	99
47) Ethyl Methacrylate	14.78	69	35233	173.94 UG/L #	56
49) 1,1,2-Trichloroethane	15.14	97	1724	13.14 UG/L #	1
50) 2-Hexanone	15.13	43	146403	1994.46 UG/L #	52
58) Ethylbenzene	17.31	106	306109	1018.08 UG/L	94
59) m-,p-Xylene	17.45	106	14255755	39395.95 UG/L	88
60) o-Xylene	18.24	106	4970240	13679.37 UG/L	97
61) Styrene	18.24	104	249680	399.55 UG/L #	1
63) Isopropylbenzene	18.87	105	78363	85.22 ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.22	83	59228	352.21 UG/L #	18
67) 1,2,3-Trichloropropane	19.50	110	12364	347.20 UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.51	53	40615	955.73 UG/L #	16
69) n-Propylbenzene	19.59	91	16802	13.07 UG/L #	92
70) Bromobenzene	19.73	156	25468	107.79 UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	175376	222.73 UG/L	91
75) tert-Butylbenzene	20.63	119	48081	65.02 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	396328	503.34 UG/L	95
77) sec-Butylbenzene	20.94	105	21591	23.22 UG/L	96
78) p-Isopropyltoluene	21.18	119	52445	70.42 UG/L	100
81) n-Butylbenzene	21.93	91	105987	147.25 UG/L #	1

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36526.D Vial: 14
Acq On : 19 Jun 2000 17:54 Operator: CMS
Sample : L0006193-07 80X IT CORP 826-SPE-VO 6.3G/ Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 398-PPG-TANK Multiplr: 80.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:22 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) Naphthalene	25.98	128	76928	271.15	UG/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36526.D Vial: 14
Acq On : 19 Jun 2000 17:54 Operator: CMS
Sample : L0006193-07 80X IT CORP 826-SPE-VO 6.3G/ Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:22 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.71	96	1391675	25.00 UG/L	-0.05
44) Chlorobenzene-d5	17.18	117	1109932	25.00 UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.56	152	556519	25.00 UG/L	-0.04
System Monitoring Compounds					
28) Dibromofluoromethane	10.30	111	335666	23.88 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery =	95.52%	
33) 1,2-Dichloroethane-d4	11.16	65	272957	22.60 UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery =	90.40%	
45) Toluene-d8	14.48	98	1408651	24.88 UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery =	99.52%	
66) p-Bromofluorobenzene	19.36	95	551616	23.80 UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery =	95.20%	
Target Compounds					Qvalue
5) Bromomethane	4.45	94	4025	0.66 UG/L #	4
11) Acetone	6.10	43	12013	8.67 UG/L #	90
14) Iodomethane	6.91	142	3221	0.28 UG/L #	37
15) Methylene Chloride	7.24	84	2904	0.22 UG/L	98
23) 2-Butanone	9.32	43	43686	14.36 UG/L #J	88
41) 4-Methyl-2-Pentanone	13.64	58	185349	60.59 UG/L	88
46) Toluene	14.62	91	12386298	161.97 ug/L	99
47) Ethyl Methacrylate	14.78	69	35233	2.17 UG/L #	56
49) 1,1,2-Trichloroethane	15.14	97	1724	0.16 UG/L #	1
50) 2-Hexanone	15.13	43	146403	24.93 UG/L #	52
58) Ethylbenzene	17.31	106	306109	12.73 UG/L	94
59) m-,p-Xylene	17.45	106	14255755	492.45 UG/L ±	88
60) o-Xylene	18.24	106	4970240	170.99 UG/L	97
61) Styrene	18.24	104	249680	4.99 UG/L #	1
63) Isopropylbenzene	18.87	105	78363	1.07 ug/L	96
65) 1,1,2,2-Tetrachloroethane	19.22	83	59228	4.40 UG/L #	18
67) 1,2,3-Trichloropropane	19.50	110	12364	4.34 UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.51	53	40615	11.95 UG/L #	16
69) n-Propylbenzene	19.59	91	16802	0.16 UG/L #	92
70) Bromobenzene	19.73	156	25468	1.35 UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	175376	2.78 UG/L	91
75) tert-Butylbenzene	20.63	119	48081	0.81 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	396328	6.29 UG/L	95
77) sec-Butylbenzene	20.94	105	21591	0.29 UG/L	96
78) p-Isopropyltoluene	21.18	119	52445	0.88 UG/L	100
81) n-Butylbenzene	21.93	91	105987	1.84 UG/L #	1

(#) = qualifier out of range (m) = manual integration

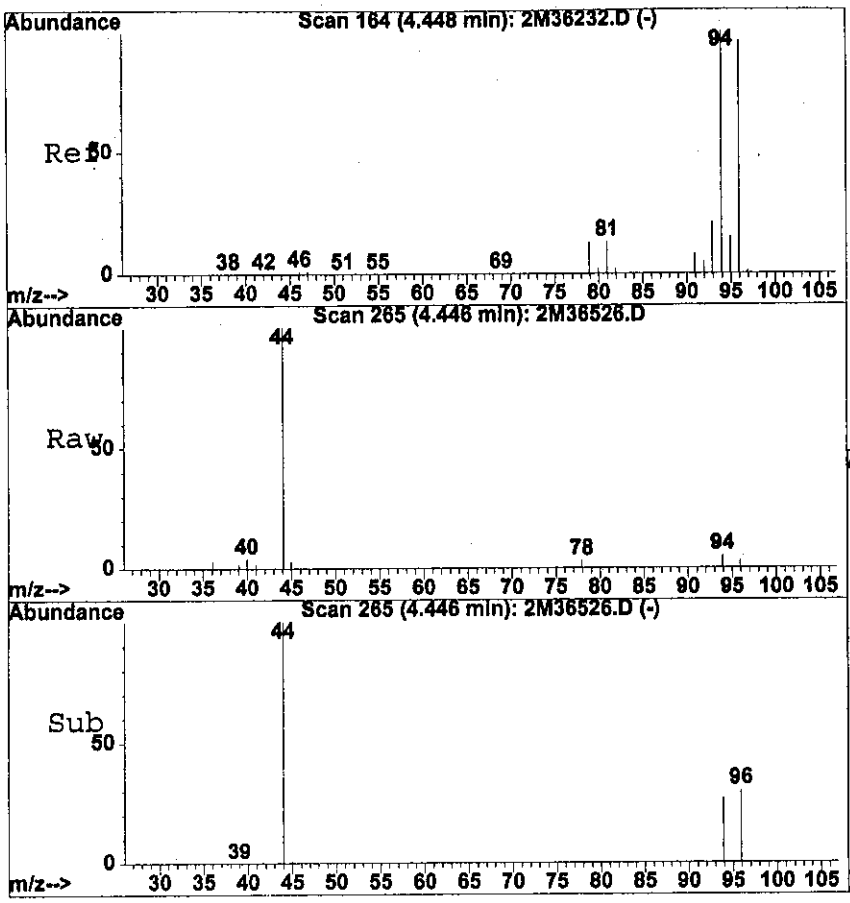
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36526.D Vial: 14
Acq On : 19 Jun 2000 17:54 Operator: CMS
Sample : L0006193-07 80X IT CORP 826-SPE-VO 6.3G/ Inst : HPMS2
Misc : SOLID,80 (1ML/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:22 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
86) Naphthalene	25.98	128	76928	3.39	UG/L	97

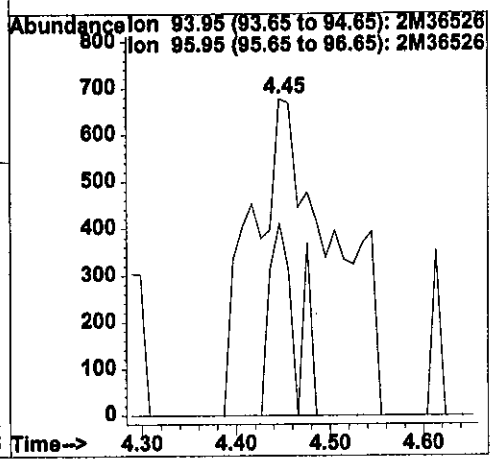
(#) = qualifier out of range (m) = manual integration

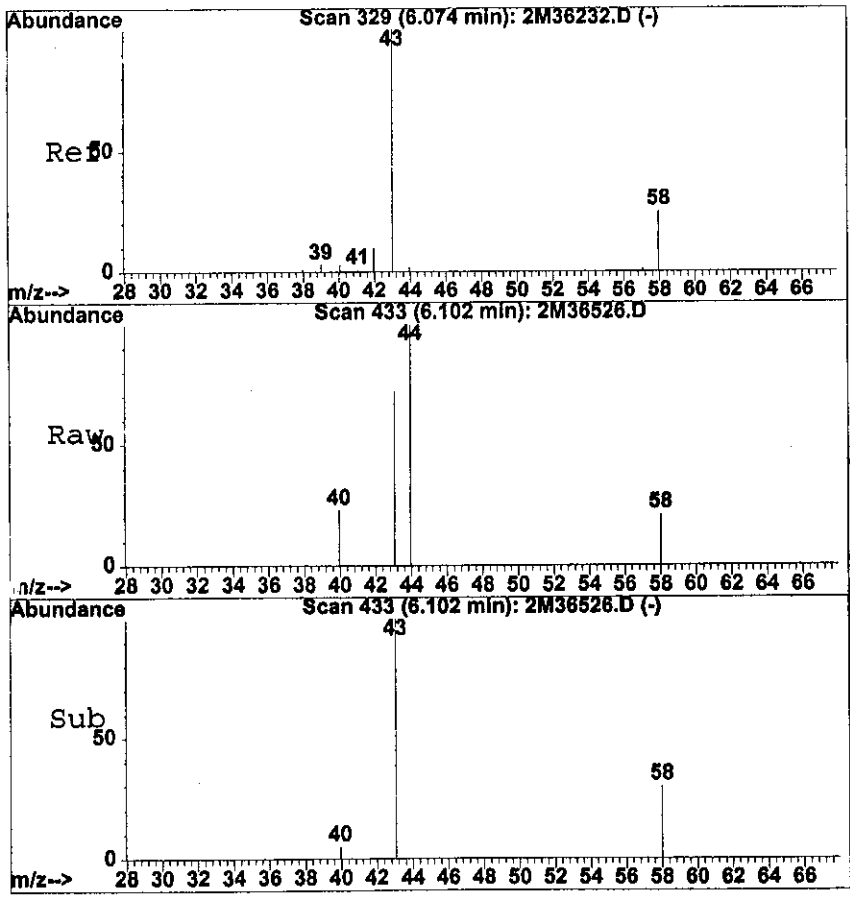


#5
Bromomethane
Concen: 52.67 UG/L
RT: 4.45 min Scan# 265
Delta R.T. -0.06 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 94 Resp: 4025

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

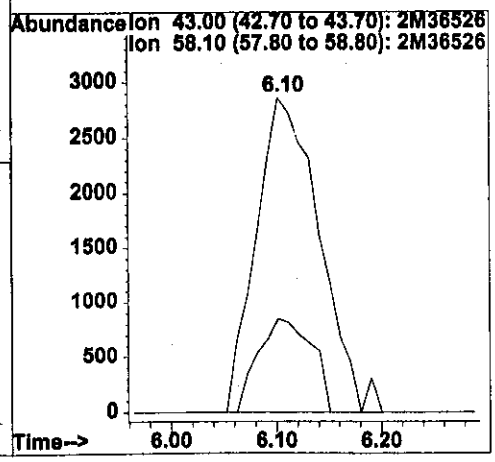


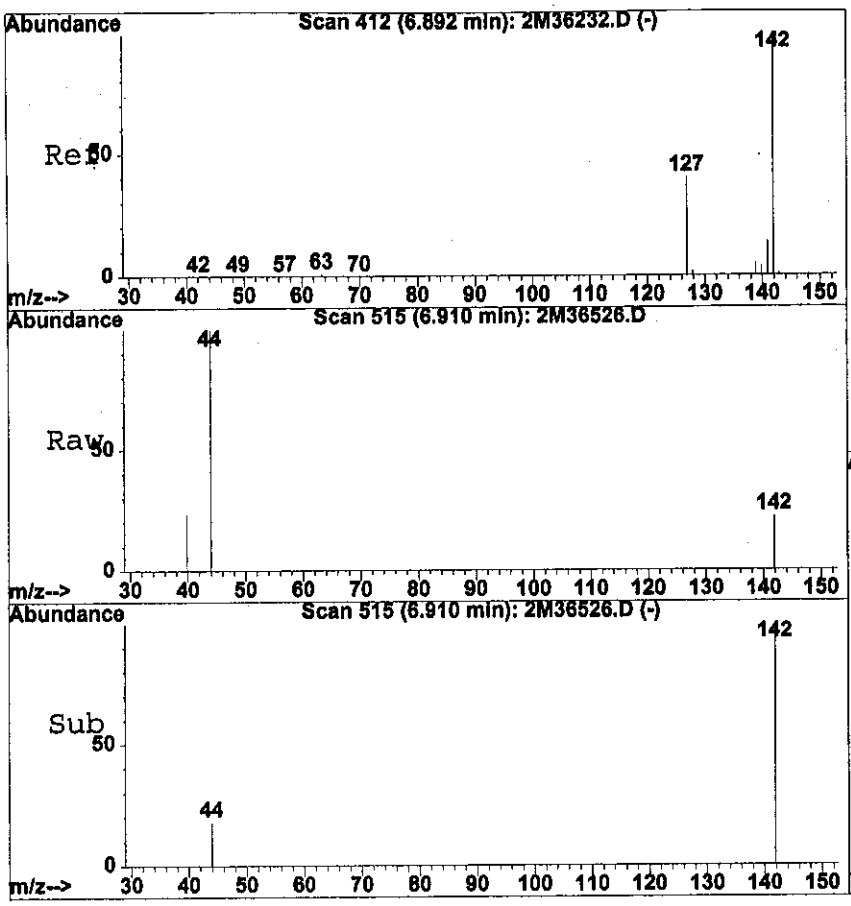


#11
Acetone
Concen: 693.23 UG/L
RT: 6.10 min Scan# 433
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 43 Resp: 12013

Ion	Ratio	Lower	Upper
43	100		
58	25.1	16.3	24.5#

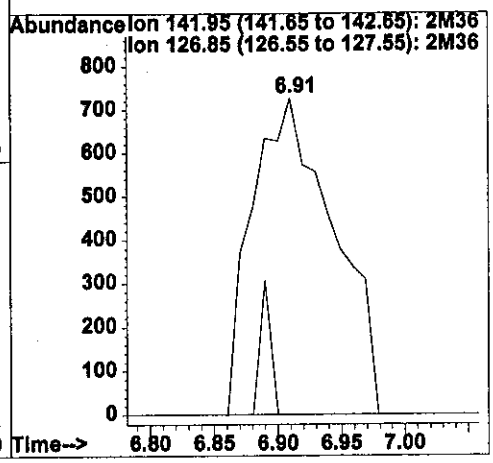


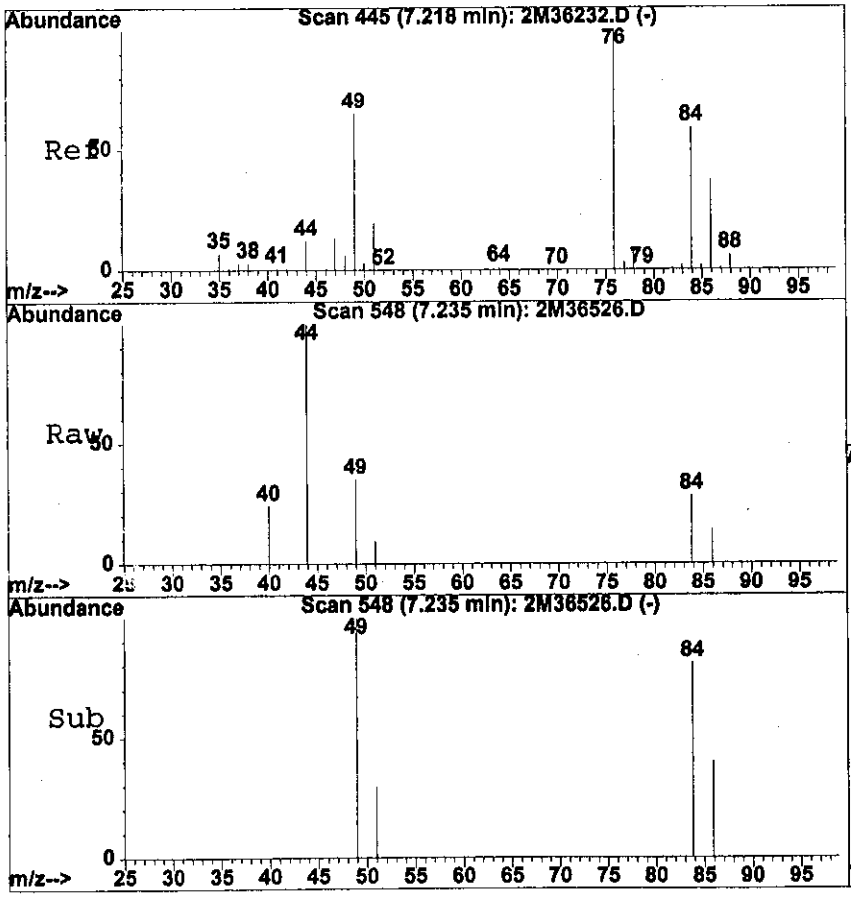


#14
Iodomethane
Concen: 22.25 UG/L
RT: 6.91 min Scan# 515
Delta R.T. -0.03 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:142 Resp: 3221

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.4	45.6#

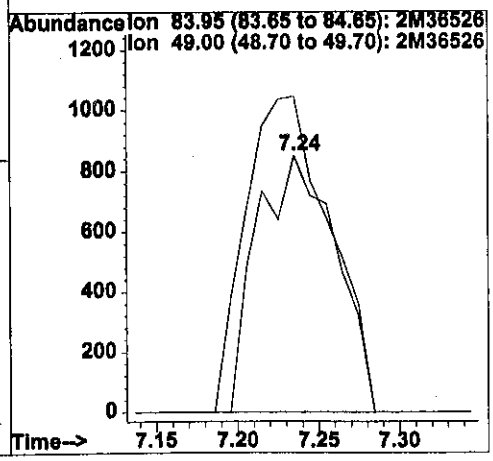


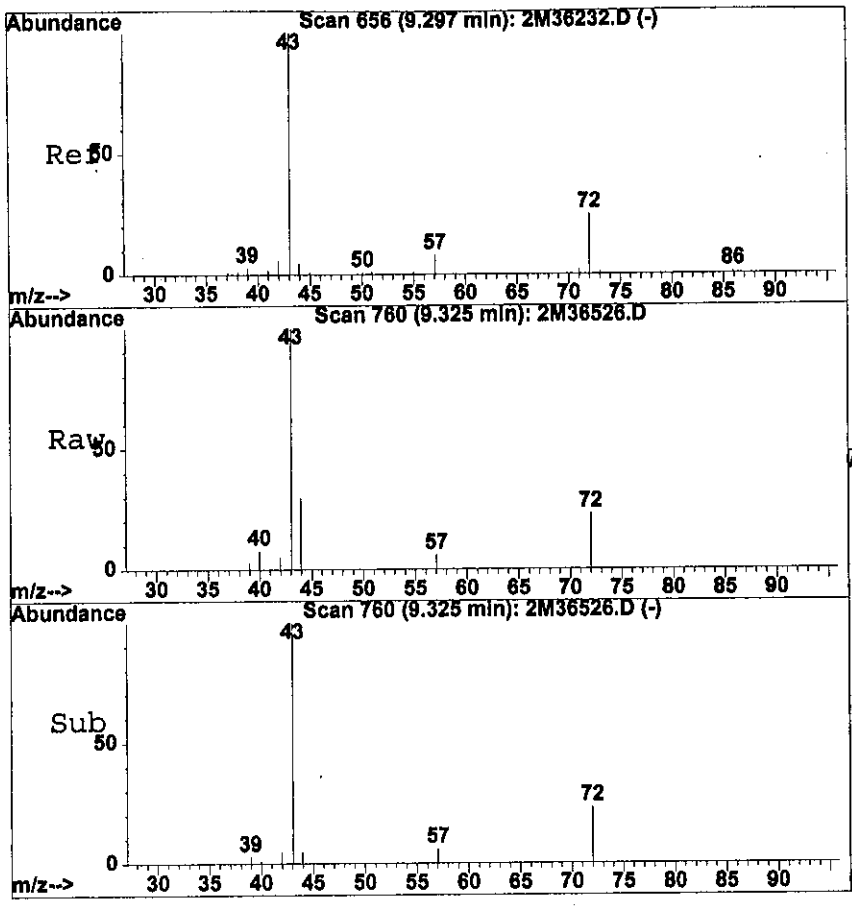


#15
Methylene Chloride
Concen: 17.20 UG/L
RT: 7.24 min Scan# 548
Delta R.T. -0.03 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 84 Resp: 2904

Ion	Ratio	Lower	Upper
84	100		
49	129.8	102.2	153.4

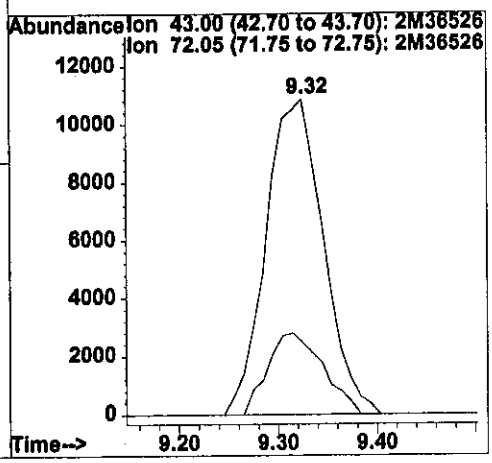


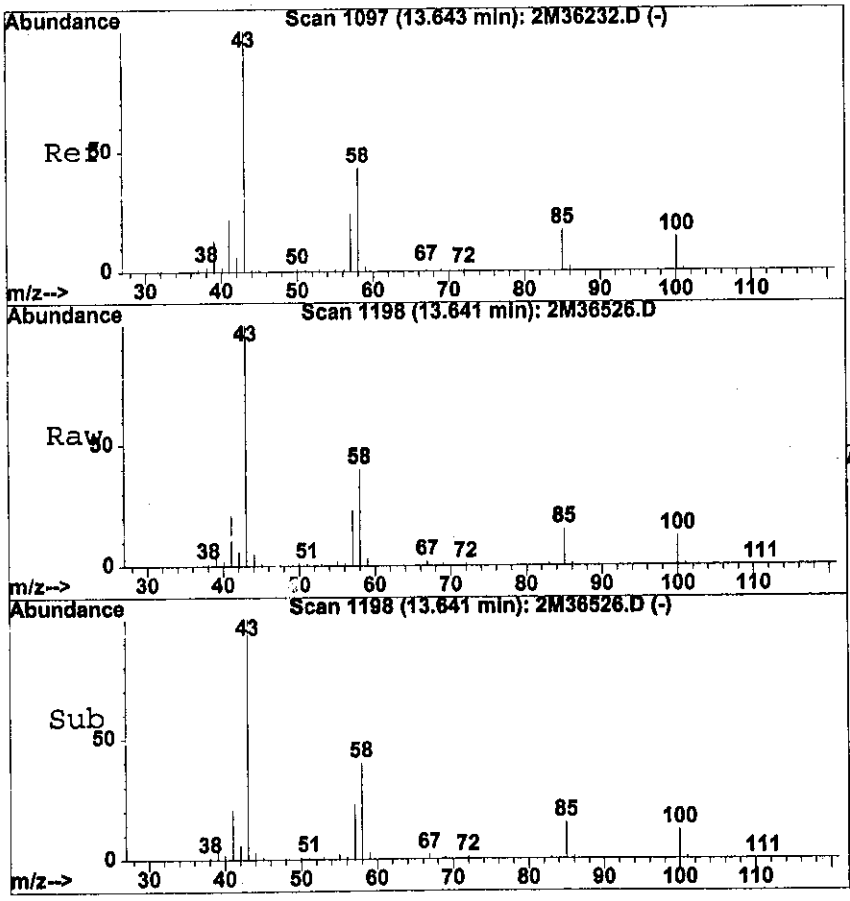


#23
2-Butanone
Concen: 1148.90 UG/L
RT: 9.32 min Scan# 760
Delta R.T. -0.01 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 43 Resp: 43686

Ion	Ratio	Lower	Upper
43	100		
72	24.7	15.3	22.9#

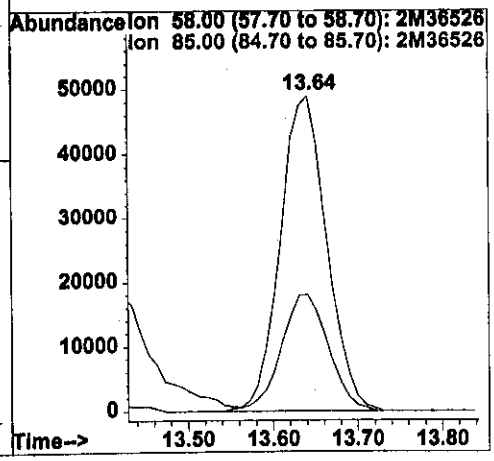


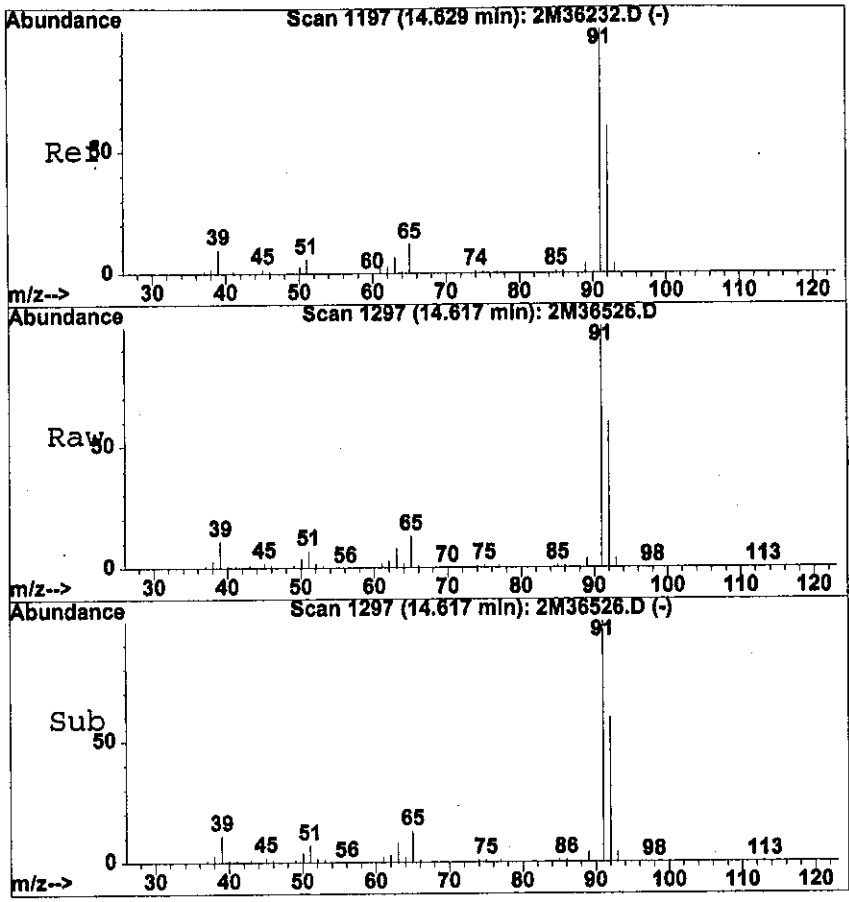


#41
4-Methyl-2-Pentanone
Concen: 4847.35 UG/L
RT: 13.64 min Scan# 1198
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 58 Resp: 185349

Ion	Ratio	Lower	Upper
58	100		
85	37.2	36.2	54.2

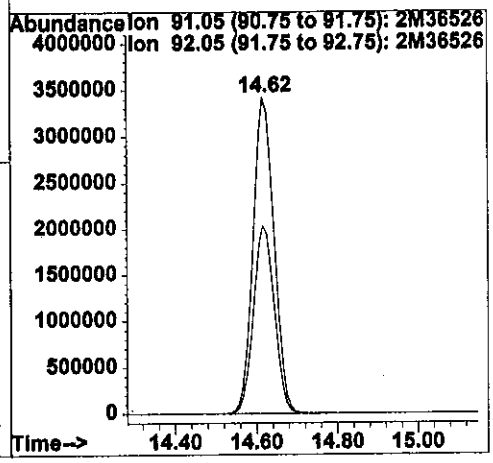


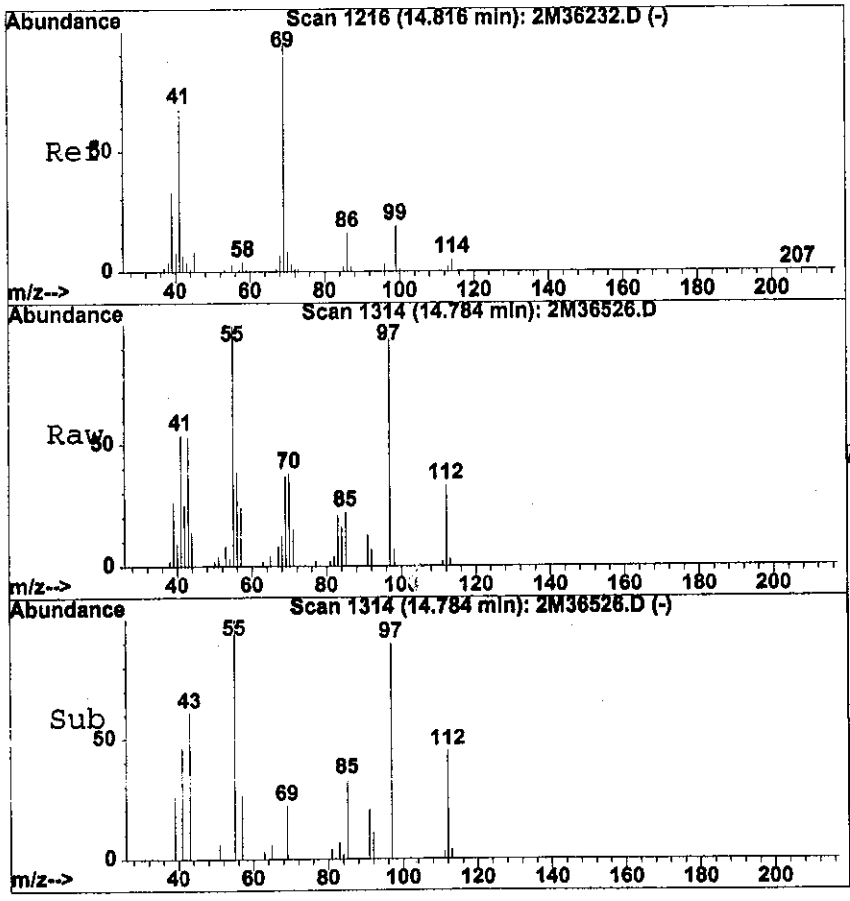


#46
Toluene
Concen: 12957.74 ug/L
RT: 14.62 min Scan# 1297
Delta R.T. -0.05 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 91 Resp:12386298

Ion	Ratio	Lower	Upper
91	100		
92	59.6	48.3	72.5

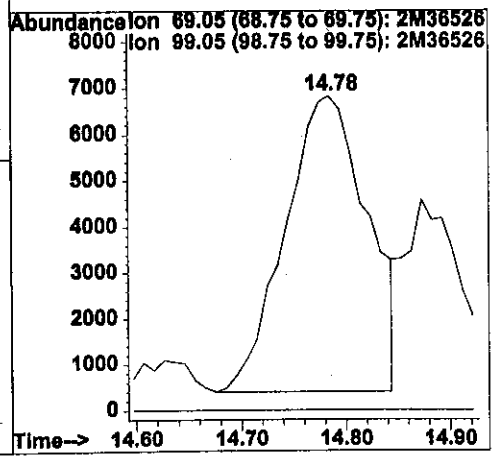


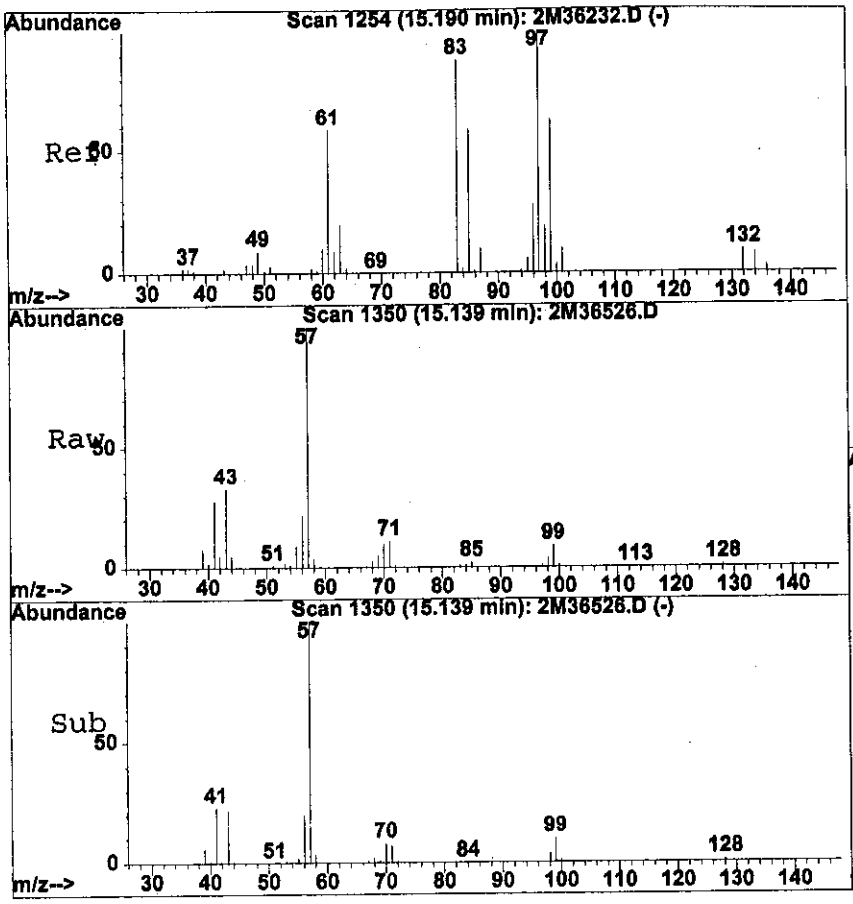


#47
Ethyl Methacrylate
Concen: 173.94 UG/L
RT: 14.78 min Scan# 1314
Delta R.T. -0.07 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 69 Resp: 35233

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

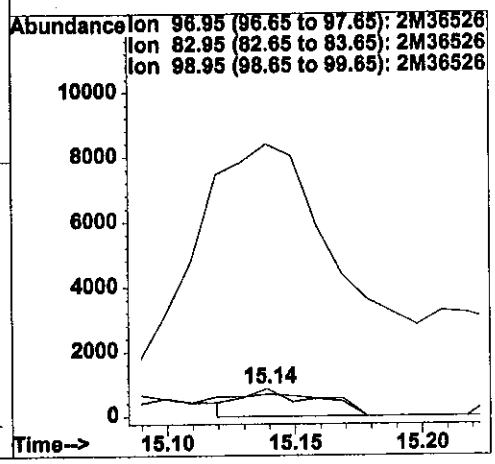


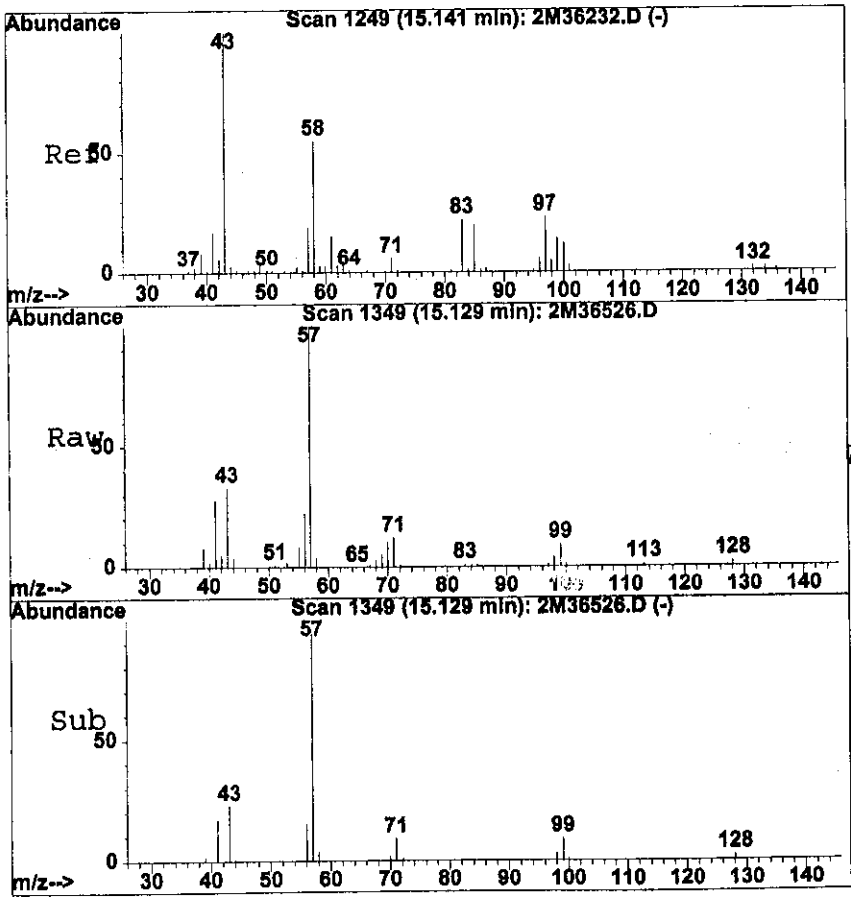


#49
1,1,2-Trichloroethane
Concen: 13.14 UG/L
RT: 15.14 min Scan# 1350
Delta R.T. -0.09 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 97 Resp: 1724

Ion	Ratio	Lower	Upper
97	100		
83	151.6	64.3	96.5#
99	2157.6	50.4	75.6#

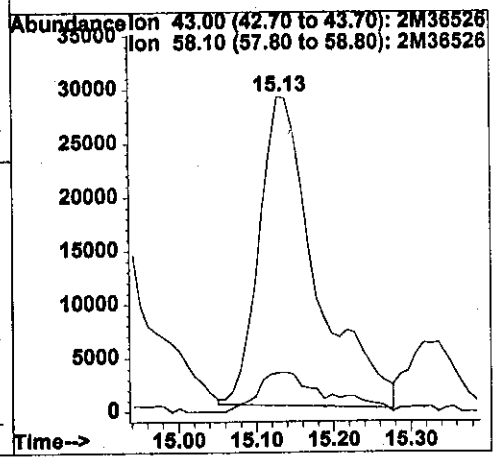


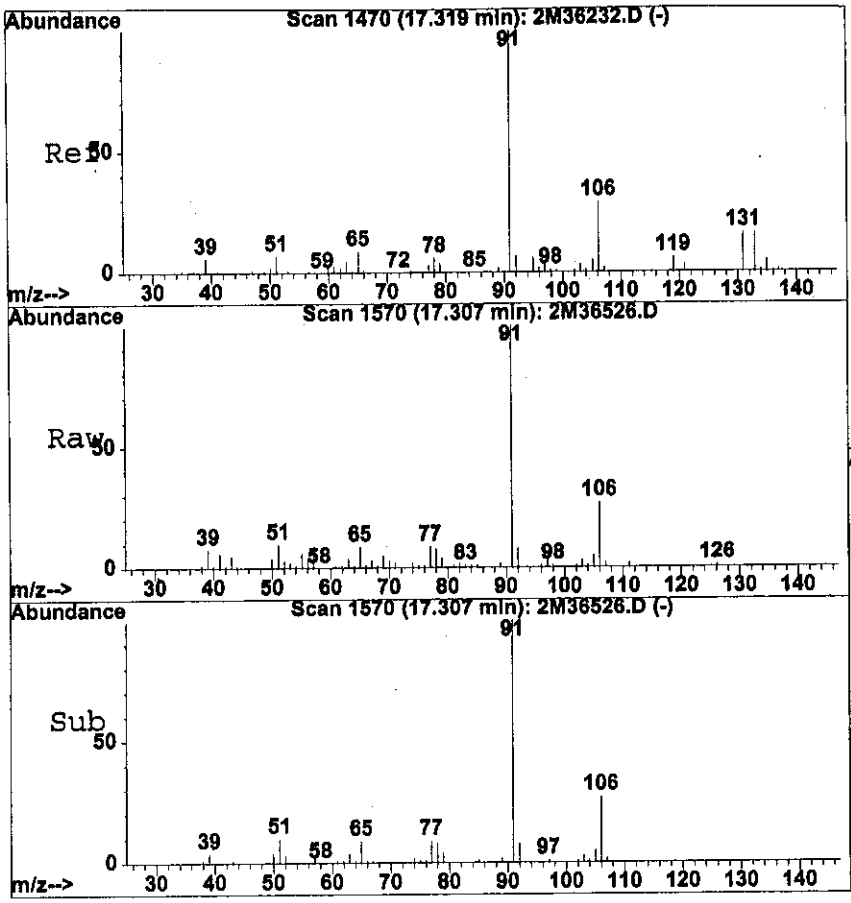


#50
2-Hexanone
Concen: 1994.46 UG/L
RT: 15.13 min Scan# 1349
Delta R.T. -0.05 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 43 Resp: 146403

Ion	Ratio	Lower	Upper
43	100		
58	15.0	37.7	56.5#

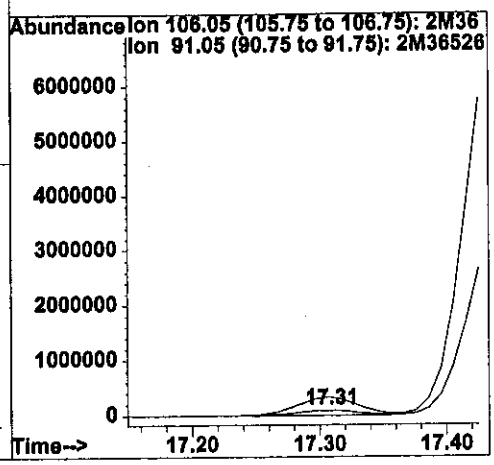


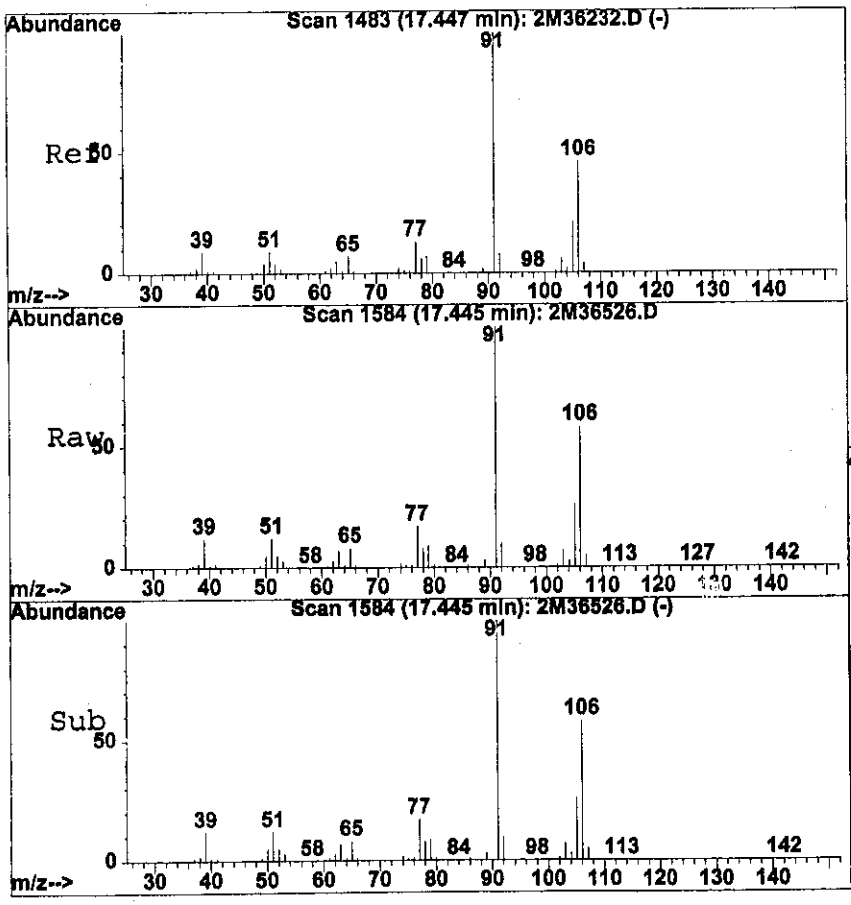


#58
Ethylbenzene
Concen: 1018.08 UG/L
RT: 17.31 min Scan# 1570
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:106 Resp: 306109

Ion	Ratio	Lower	Upper
106	100		
91	359.5	277.9	416.9

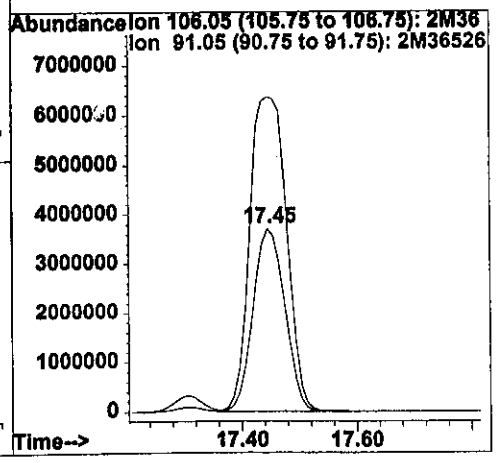




#59
m-,p-Xylene
Concen: 39395.95 UG/L
RT: 17.45 min Scan# 1584
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:106 Resp:14255755

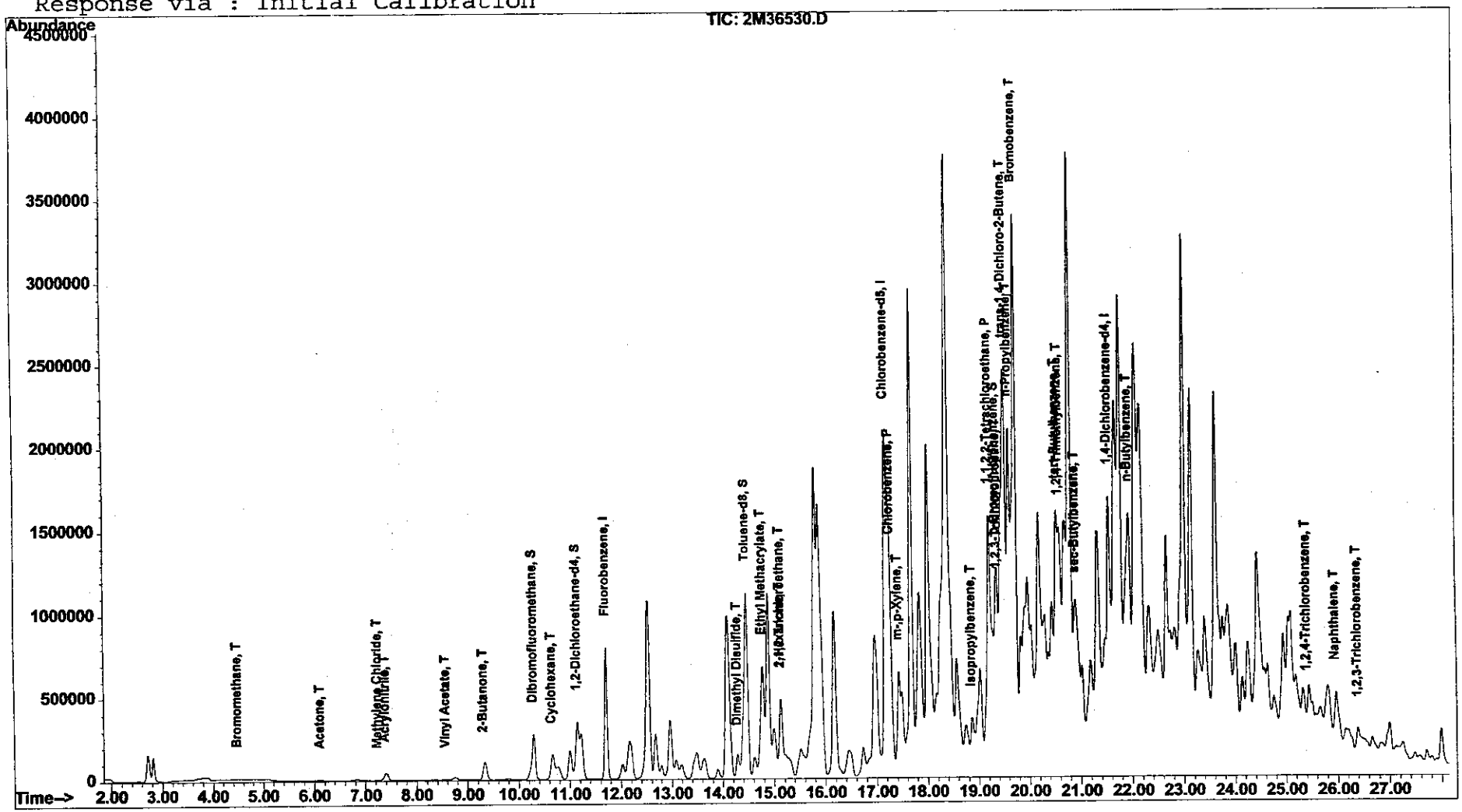
Ion	Ratio	Lower	Upper
106	100		
91	197.9	173.4	260.2

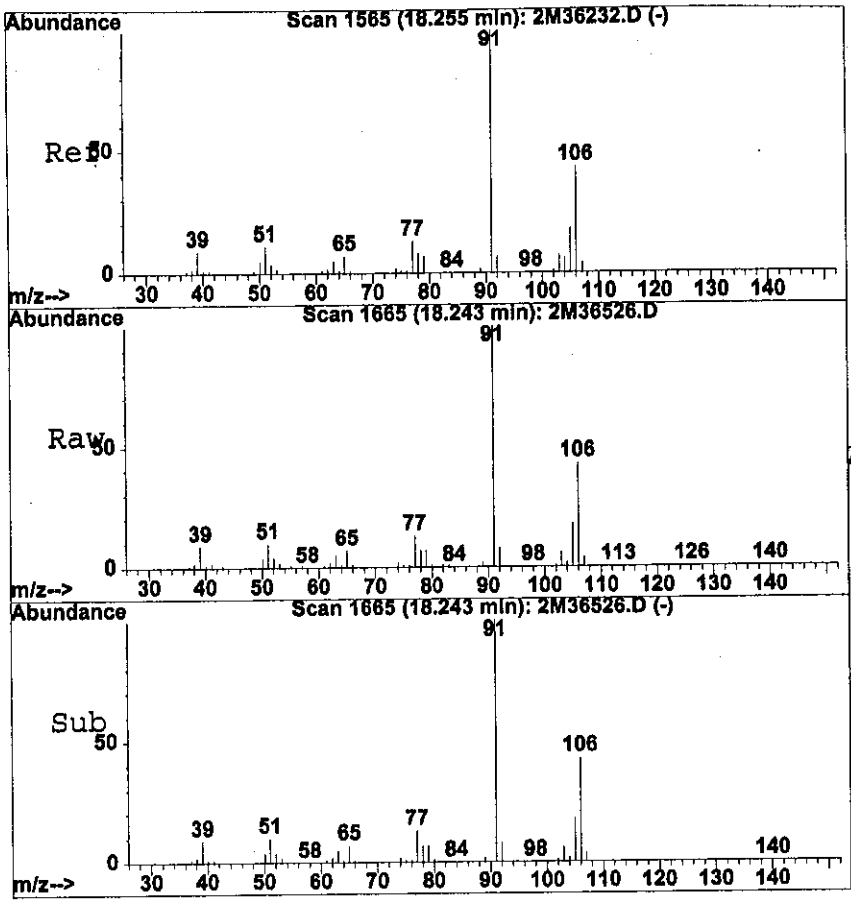


Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36530.D Vial: 18
Acq On : 19 Jun 2000 20:13 Operator: CMS
Sample : L0006293-01 100X IT CORP 826-TCL 5.0G/10 Inst : HPMS2
Misc : SOLID,100 (1mL/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 20:41 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration

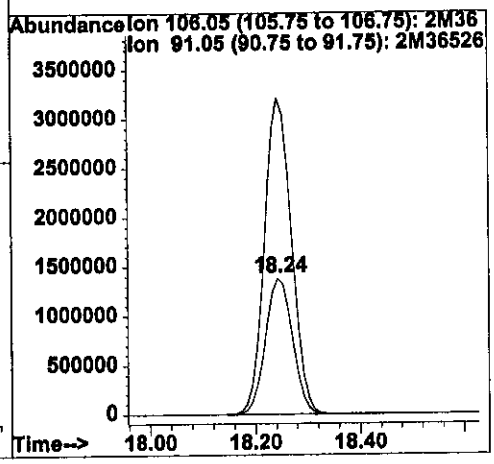


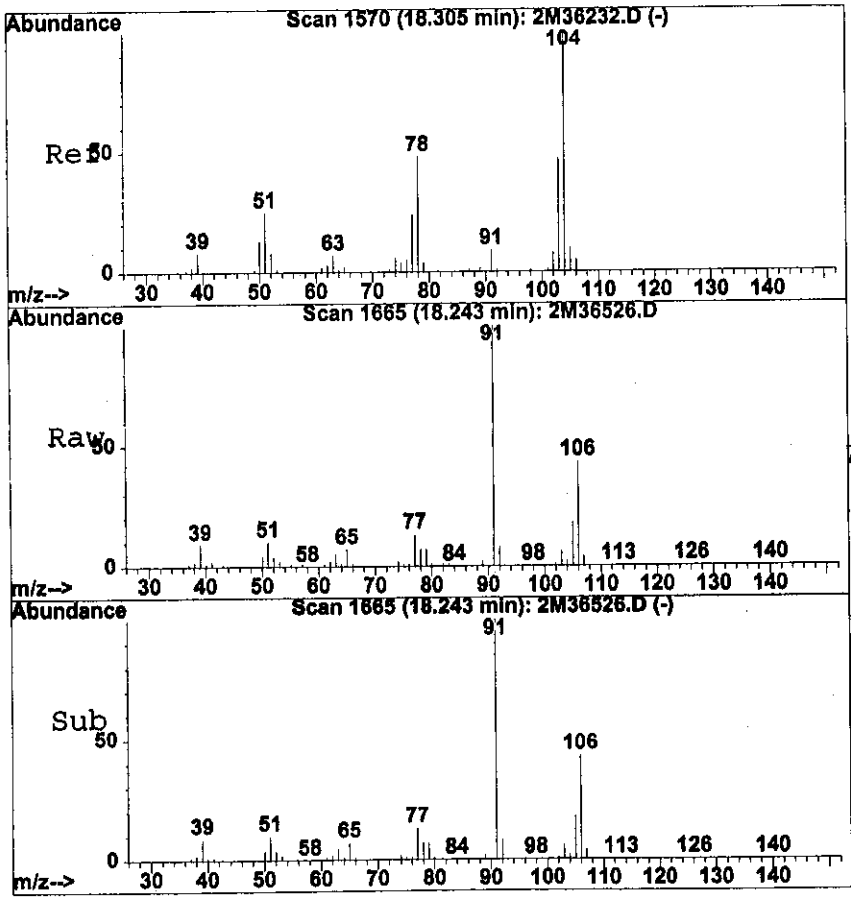


#60
o-Xylene
Concen: 13679.37 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:106 Resp: 4970240

Ion	Ratio	Lower	Upper
106	100		
91	231.6	181.0	271.6

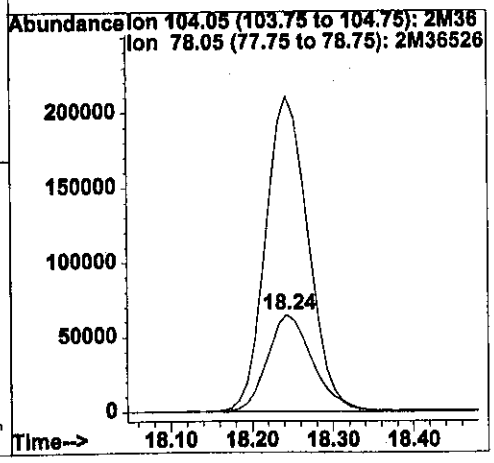


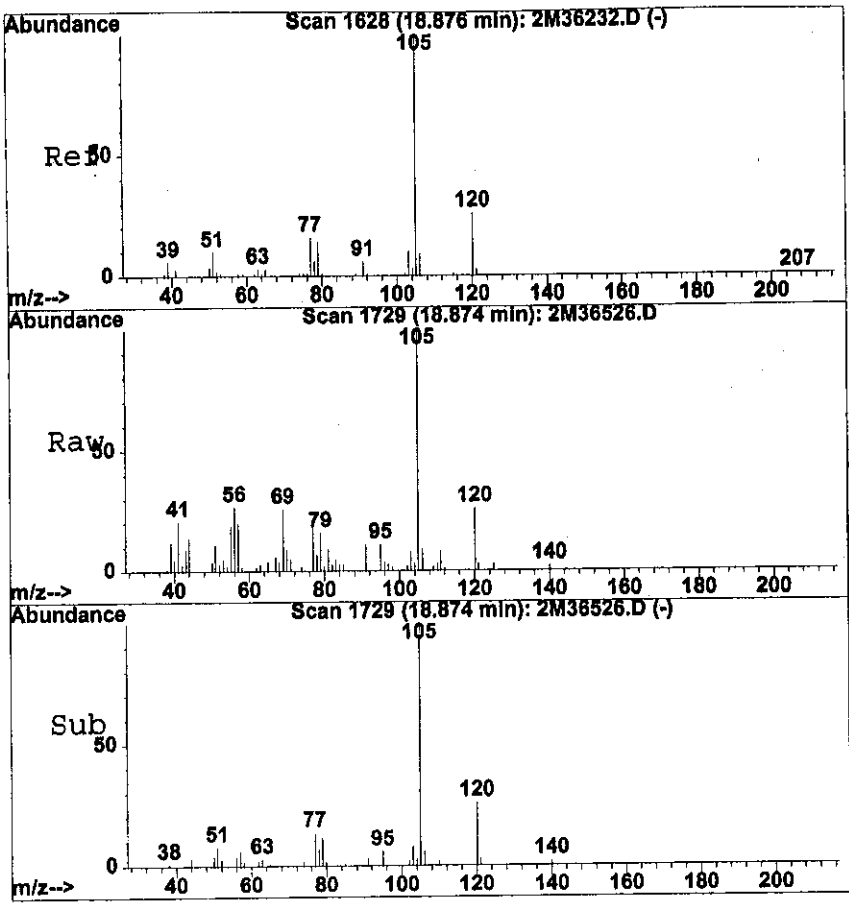


#61
Styrene
Concen: 399.55 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.10 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:104 Resp: 249680

Ion	Ratio	Lower	Upper
104	100		
78	307.9	36.0	54.0#

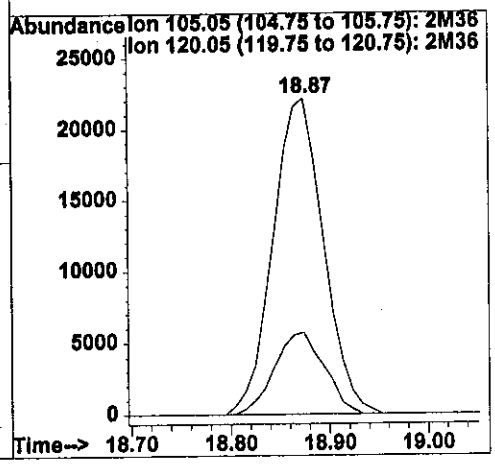


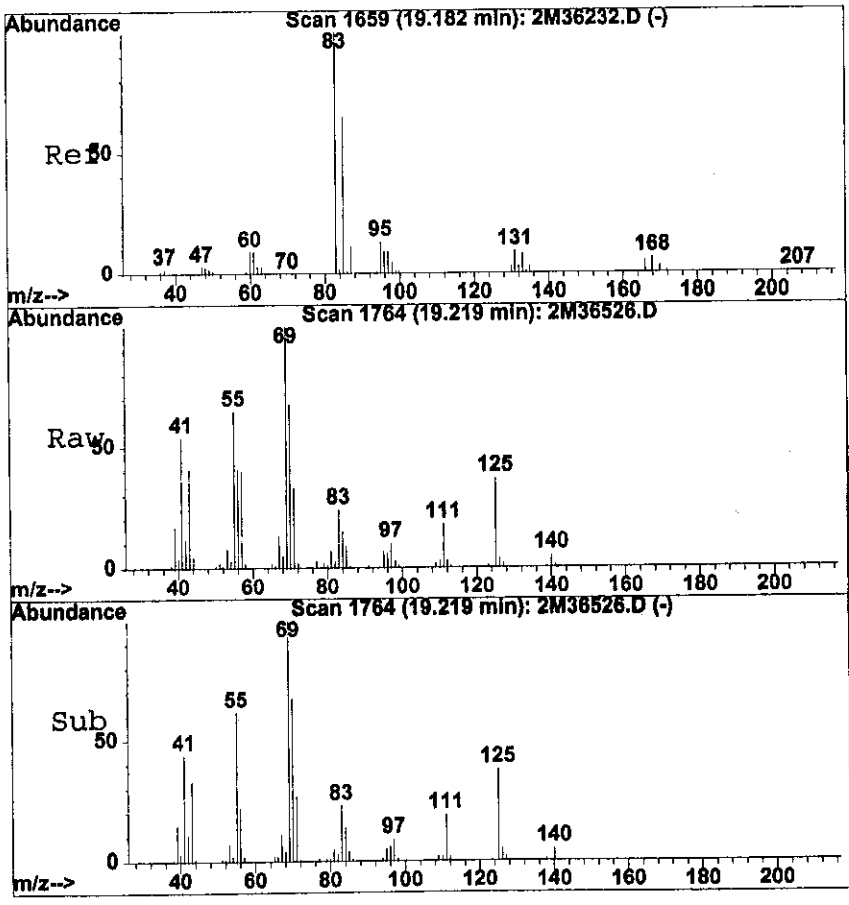


#63
Isopropylbenzene
Concen: 85.22 ug/L
RT: 18.87 min Scan# 1729
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:105 Resp: 78363

Ion	Ratio	Lower	Upper
105	100		
120	25.6	18.7	28.1

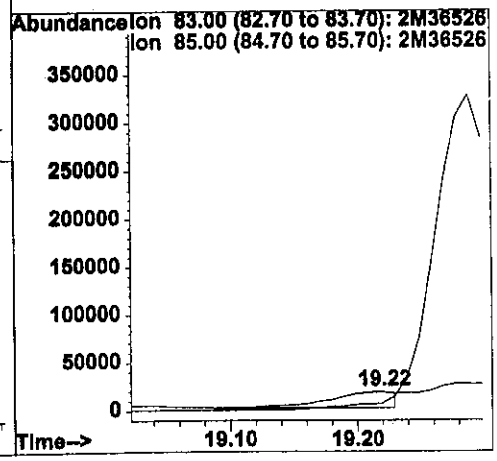


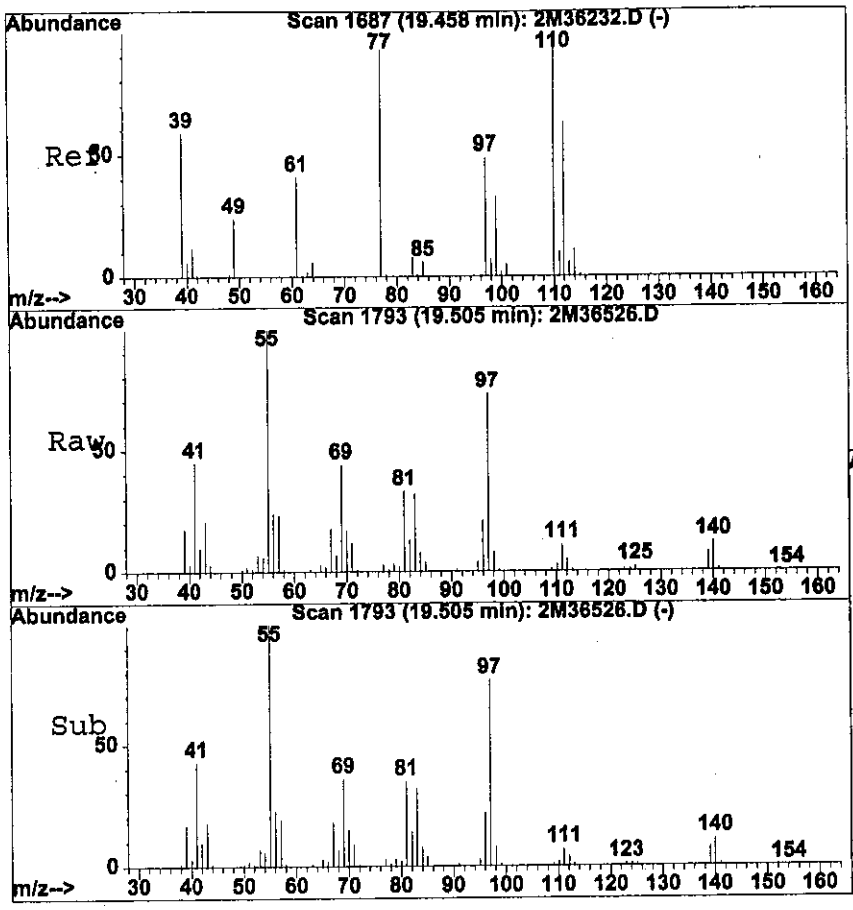


#65
1,1,2,2-Tetrachloroethane
Concen: 352.21 UG/L
RT: 19.22 min Scan# 1764
Delta R.T. 0.00 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 83 Resp: 59228

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.4	84.4#

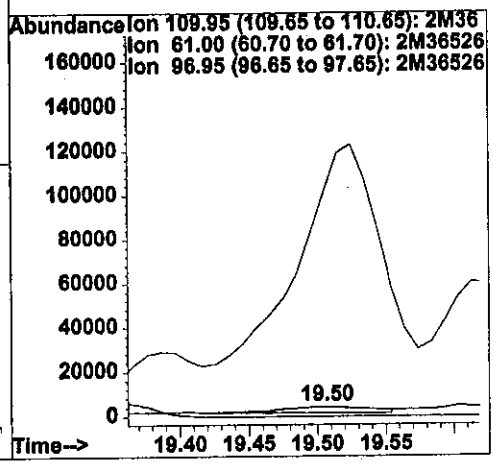


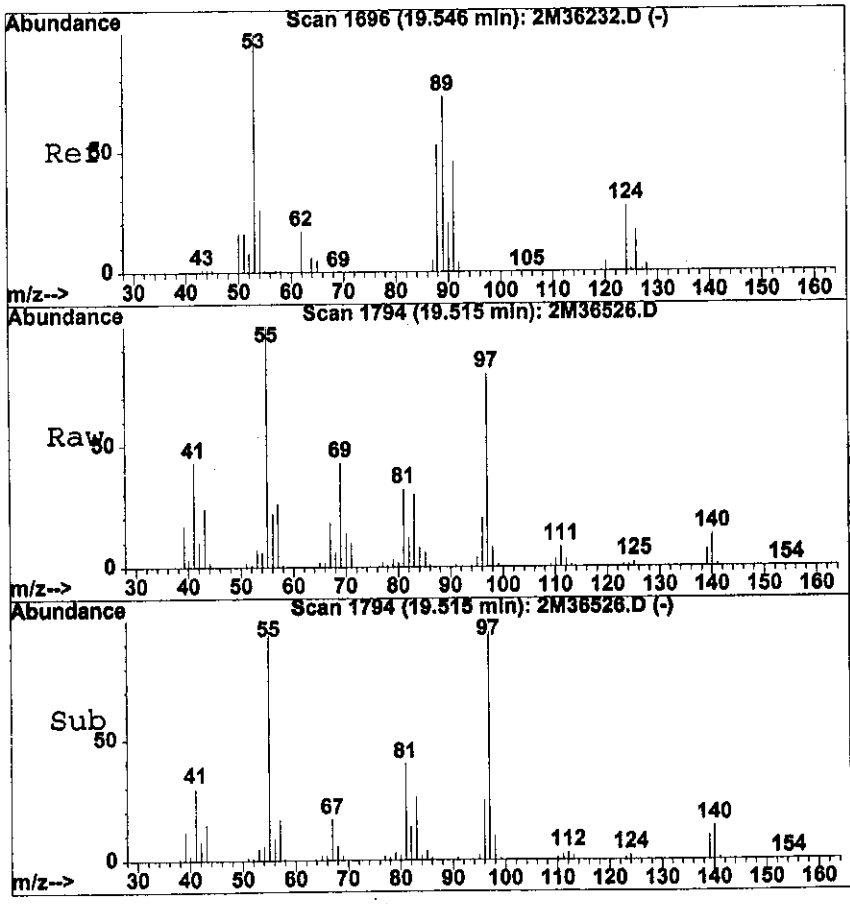


#67
1,2,3-Trichloropropane
Concen: 347.20 UG/L
RT: 19.50 min Scan# 1793
Delta R.T. 0.02 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:110 Resp: 12364

Ion	Ratio	Lower	Upper
110	100		
61	0.0	55.9	83.9#
97	4746.8	43.3	64.9#

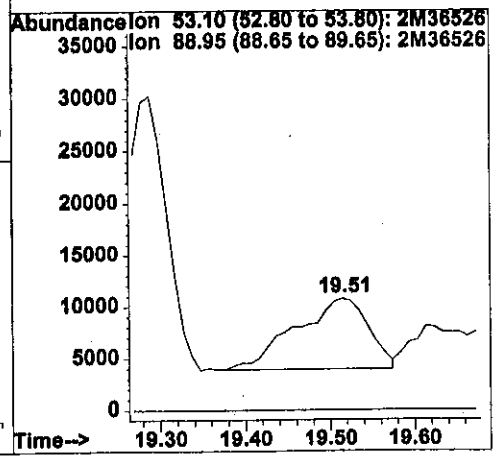


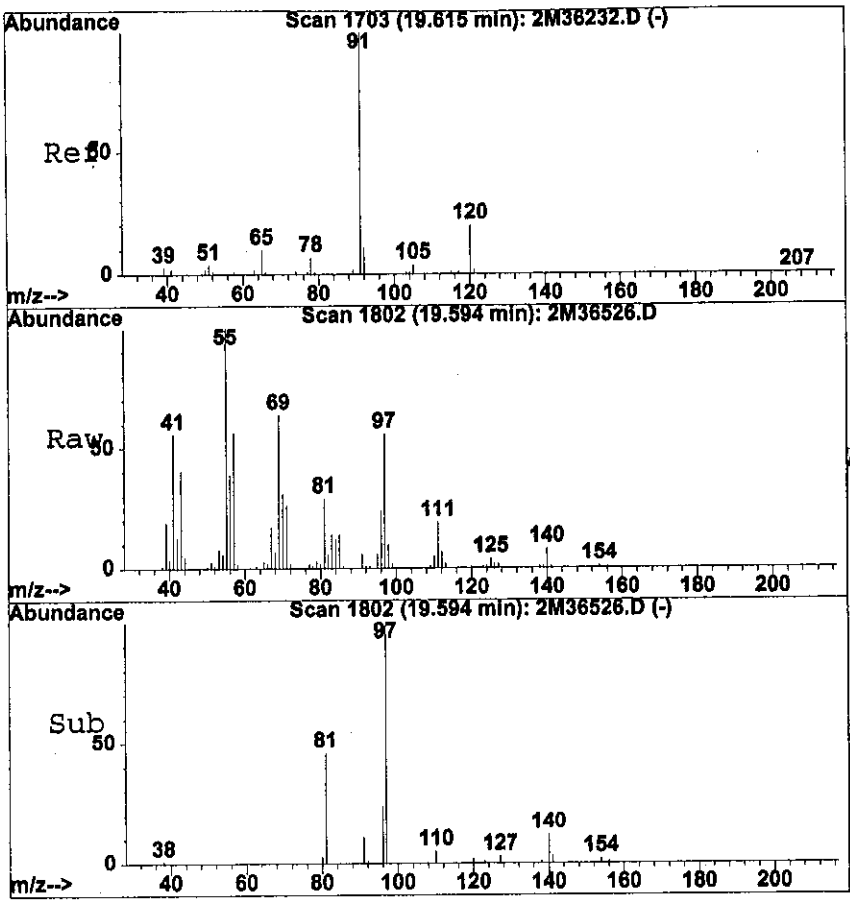


#68
trans-1,4-Dichloro-2-Butene
Concen: 955.73 UG/L
RT: 19.51 min Scan# 1794
Delta R.T. -0.07 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 53 Resp: 40615

Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

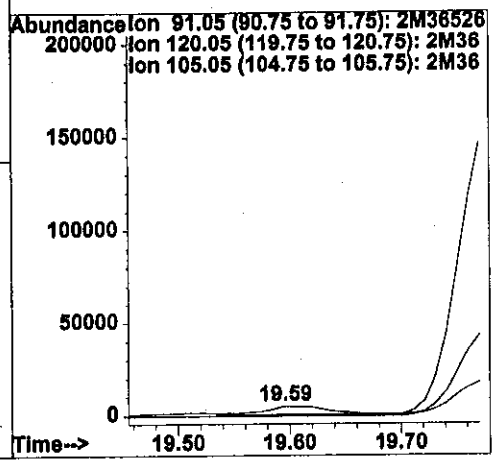


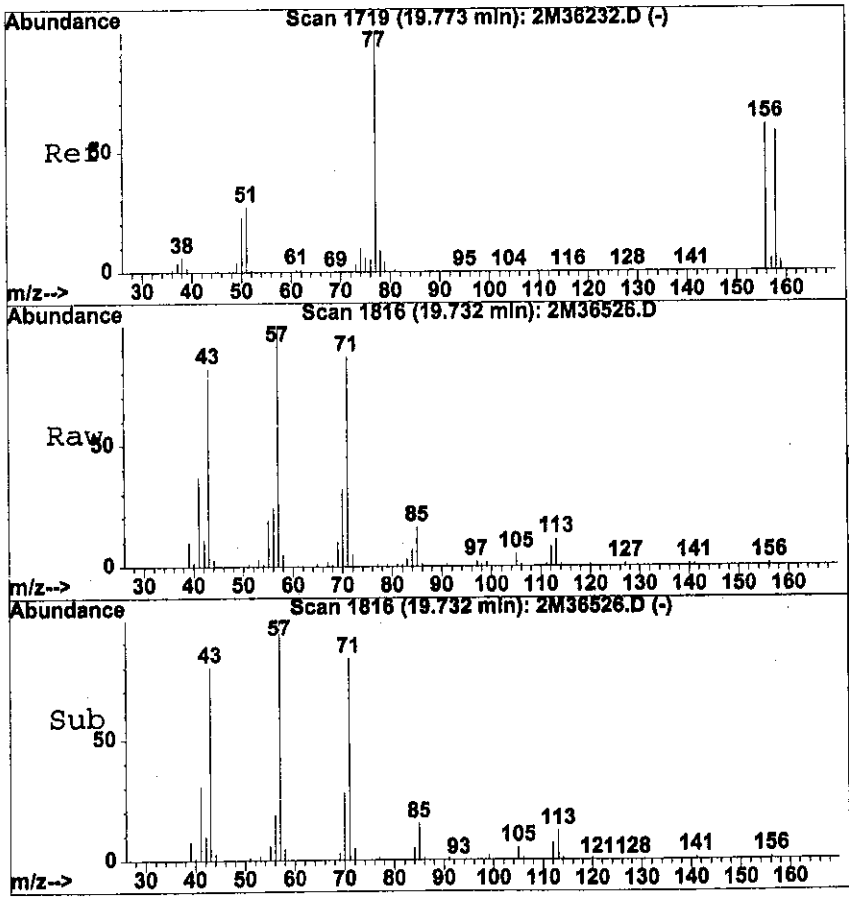


#69
n-Propylbenzene
Concen: 13.07 UG/L
RT: 19.59 min Scan# 1802
Delta R.T. -0.06 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 91 Resp: 16802

Ion	Ratio	Lower	Upper
91	100		
120	15.8	15.5	23.3
105	0.0	3.0	4.4#

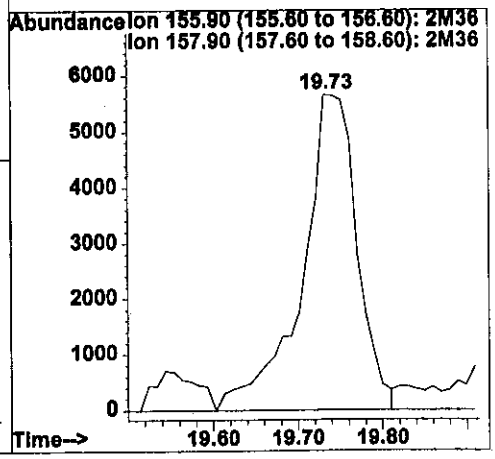


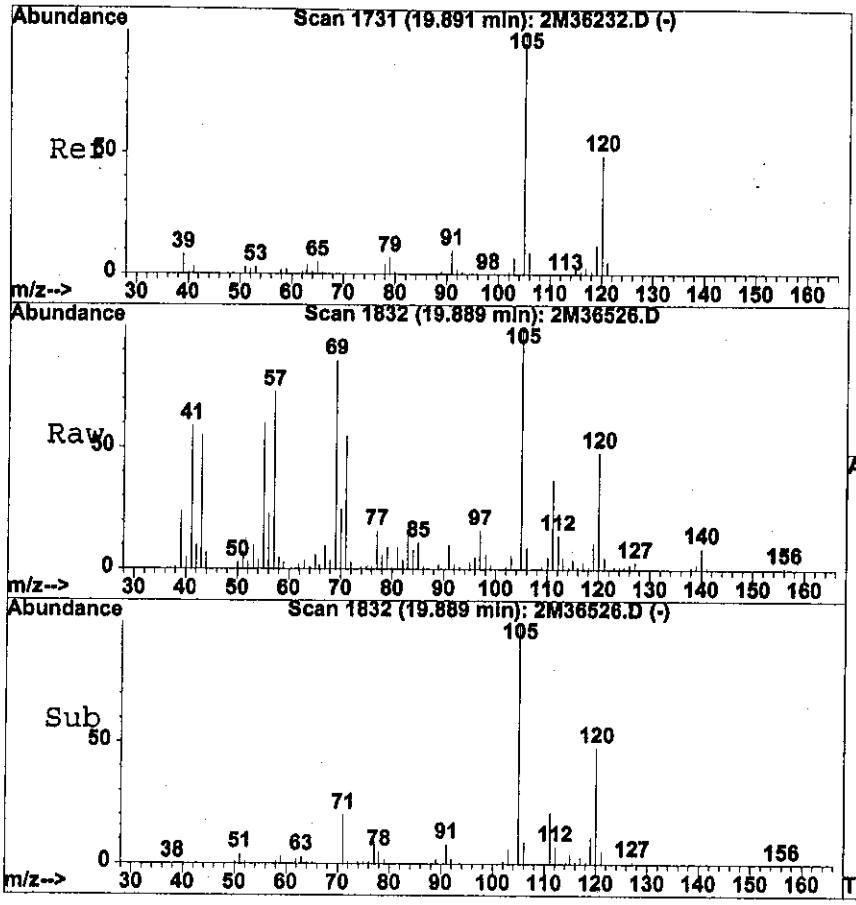


#70
Bromobenzene
Concen: 107.79 UG/L
RT: 19.73 min Scan# 1816
Delta R.T. -0.08 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:156 Resp: 25468

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

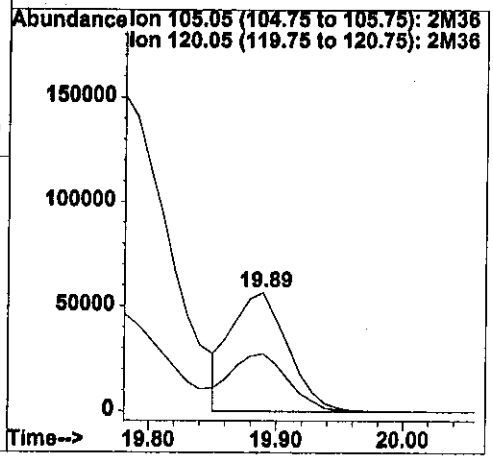


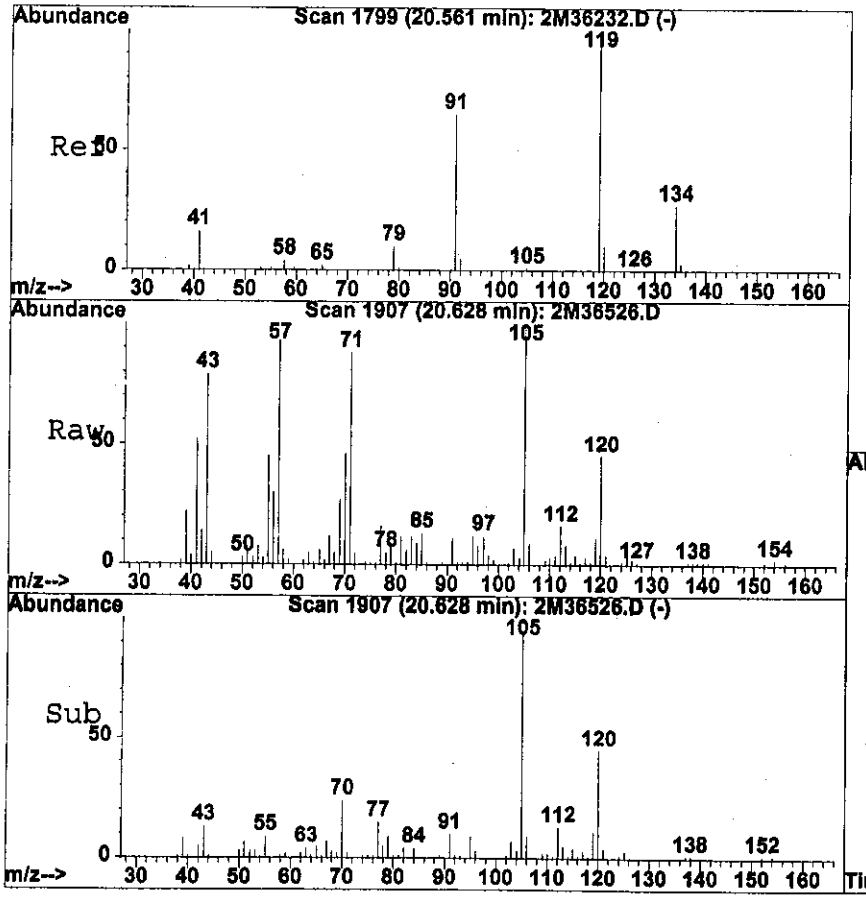


#71
1,3,5-Trimethylbenzene
Concen: 222.73 UG/L
RT: 19.89 min Scan# 1832
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:105 Resp: 175376

Ion	Ratio	Lower	Upper
105	100		
120	51.9	37.0	55.4

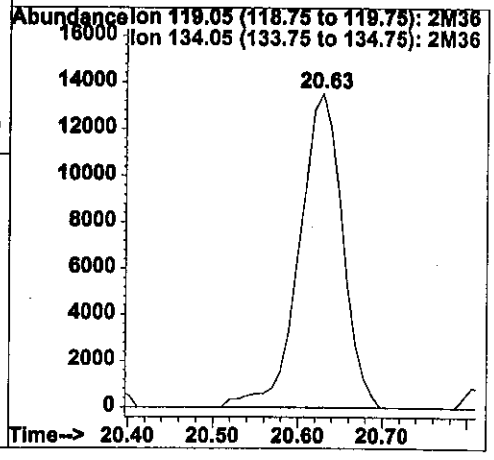


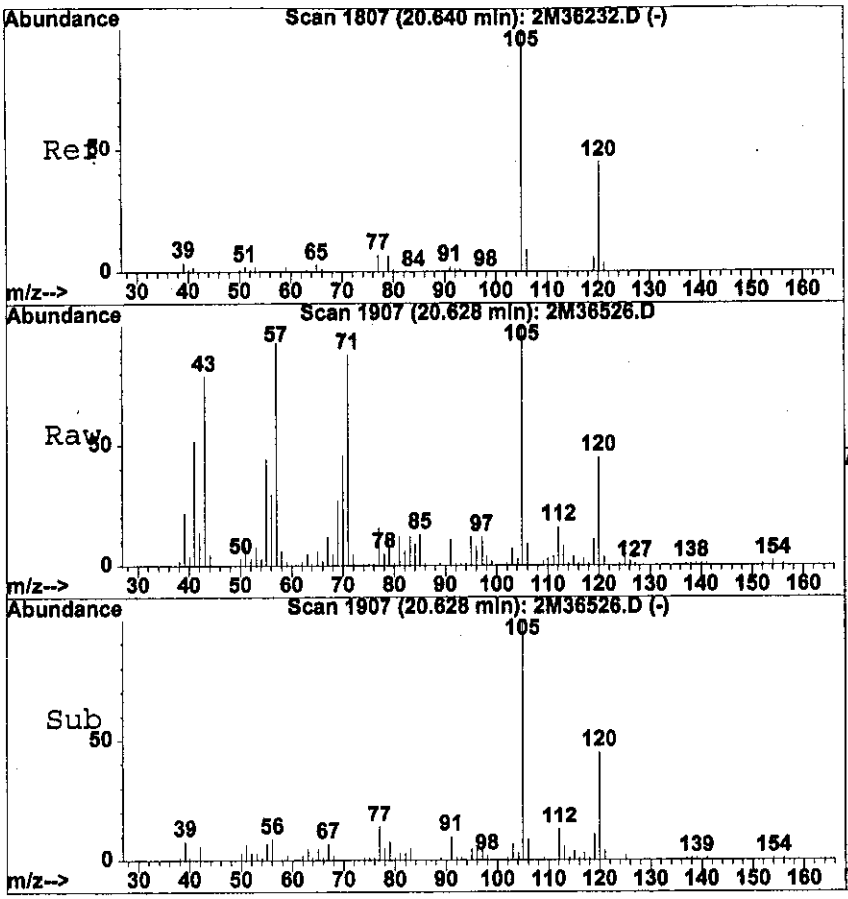


#75
tert-Butylbenzene
Concen: 65.02 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. 0.03 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:119 Resp: 48081

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

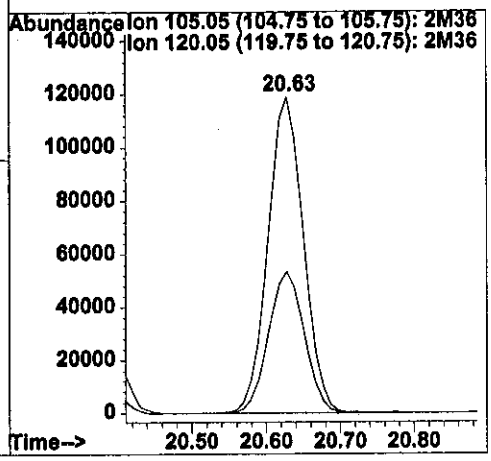


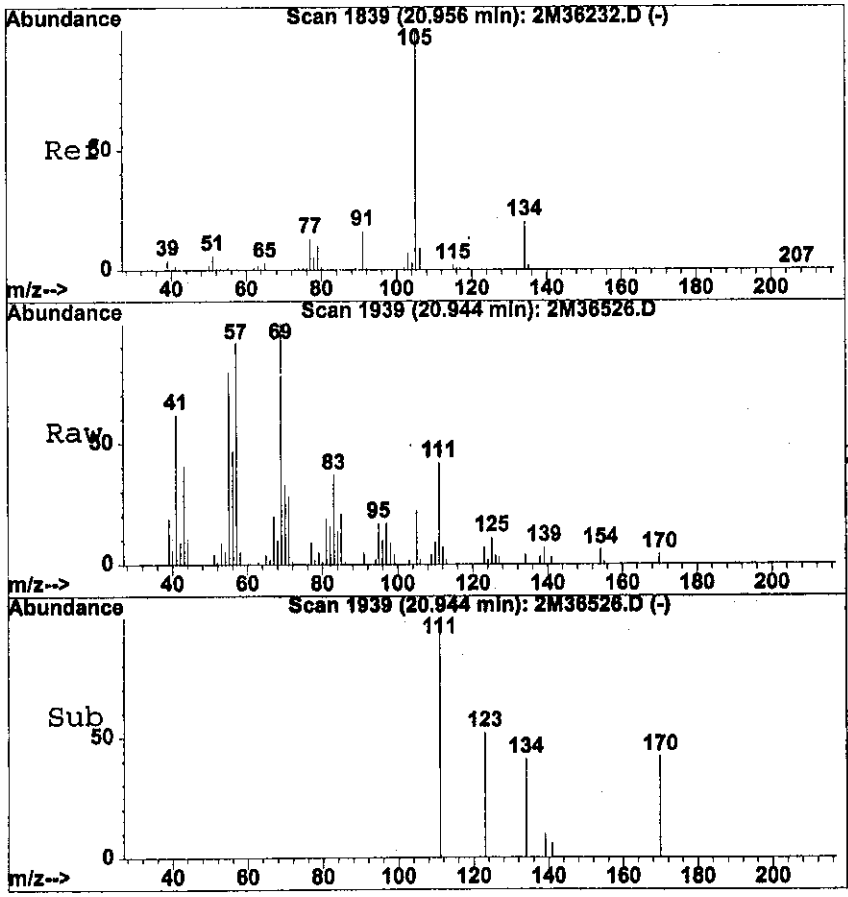


#76
1,2,4-Trimethylbenzene
Concen: 503.34 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.05 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:105 Resp: 396328

Ion	Ratio	Lower	Upper
105	100		
120	45.4	33.7	50.5

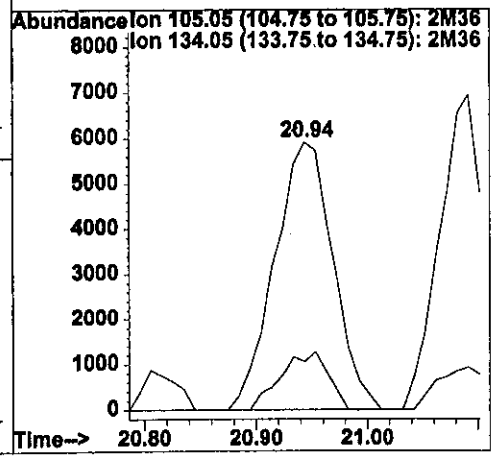


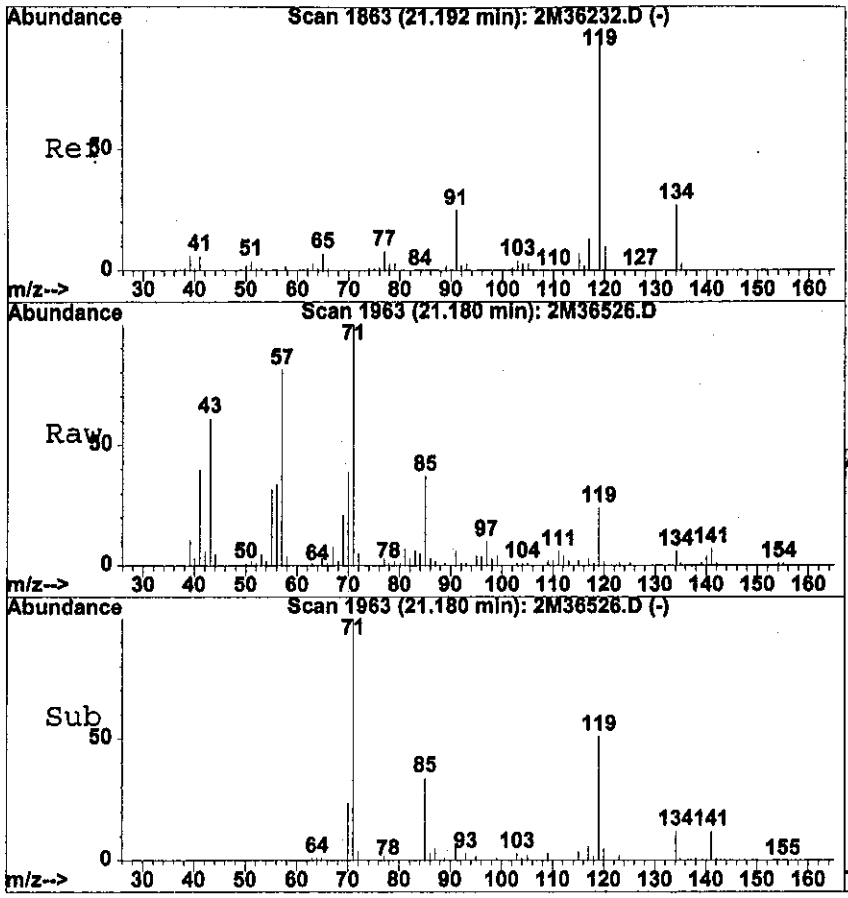


#77
sec-Butylbenzene
Concen: 23.22 UG/L
RT: 20.94 min Scan# 1939
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:105 Resp: 21591

Ion	Ratio	Lower	Upper
105	100		
134	17.4	15.4	23.0

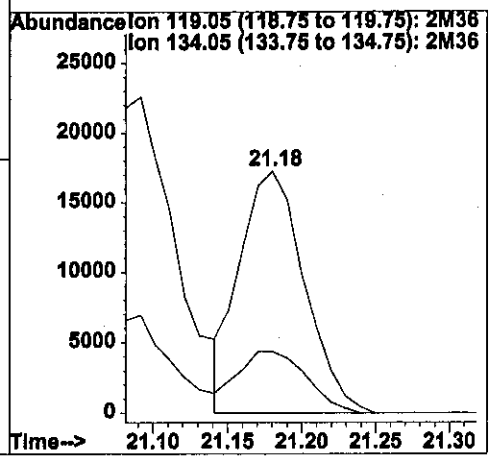


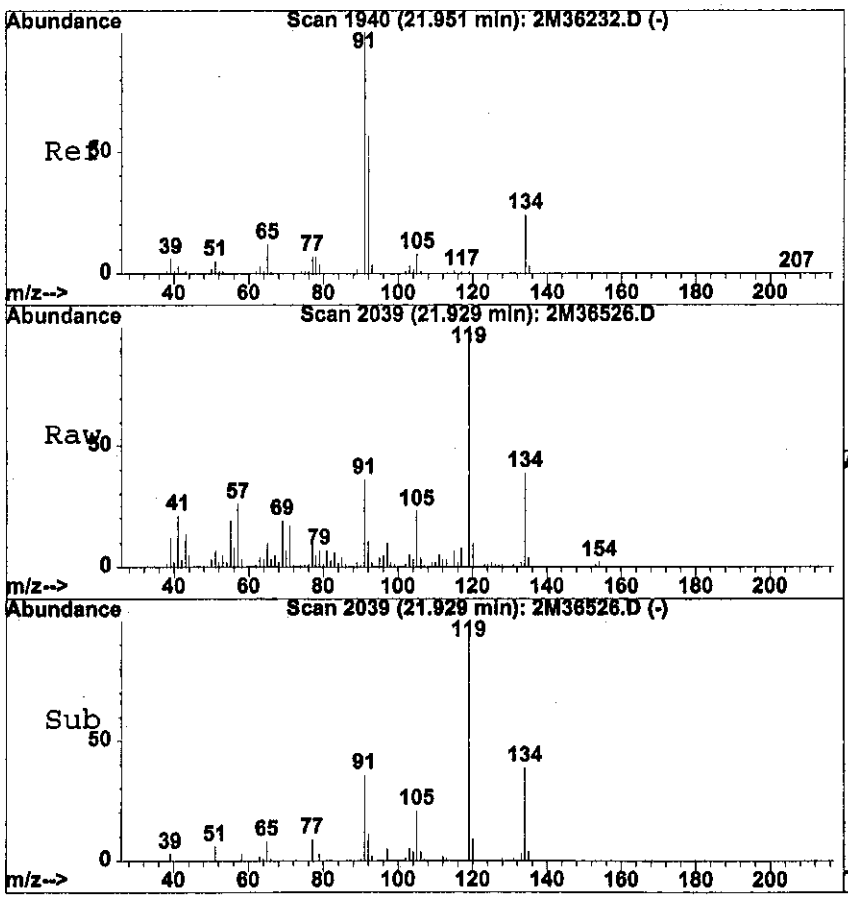


#78
p-Isopropyltoluene
Concen: 70.42 UG/L
RT: 21.18 min Scan# 1963
Delta R.T. -0.05 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:119 Resp: 52445

Ion	Ratio	Lower	Upper
119	100		
134	26.9	21.6	32.4

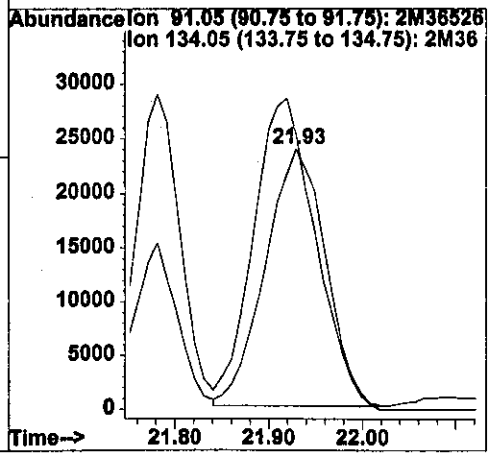


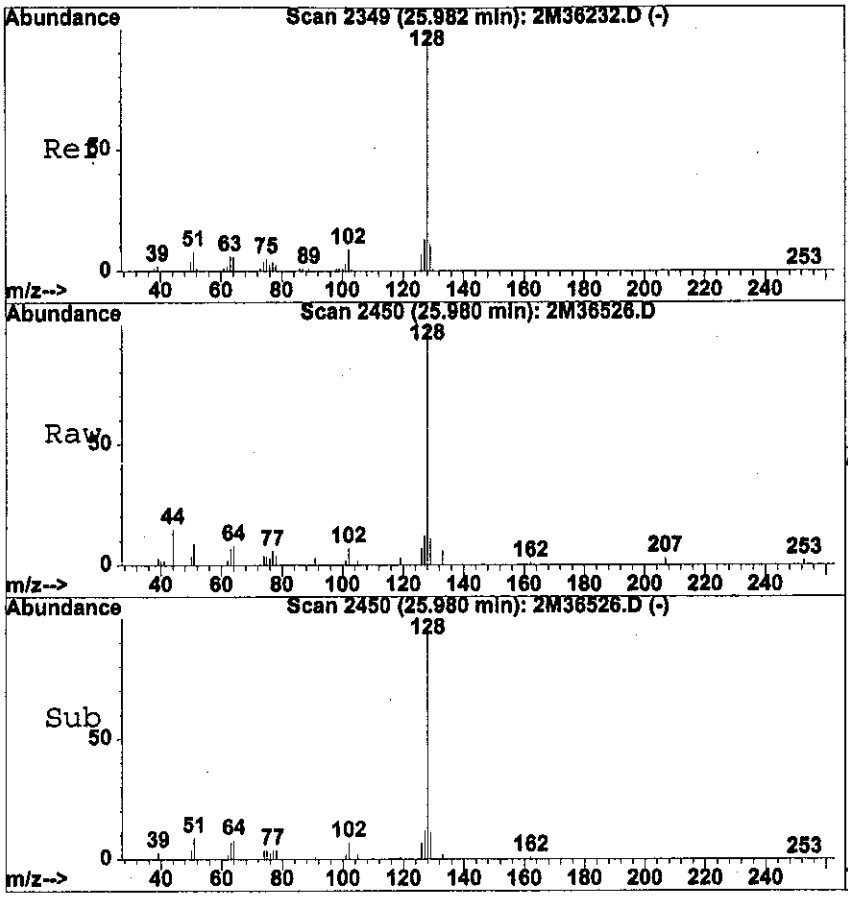


#81
n-Butylbenzene
Concen: 147.25 UG/L
RT: 21.93 min Scan# 2039
Delta R.T. -0.06 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion: 91 Resp: 105987

Ion	Ratio	Lower	Upper
91	100		
134	126.1	19.0	28.6#

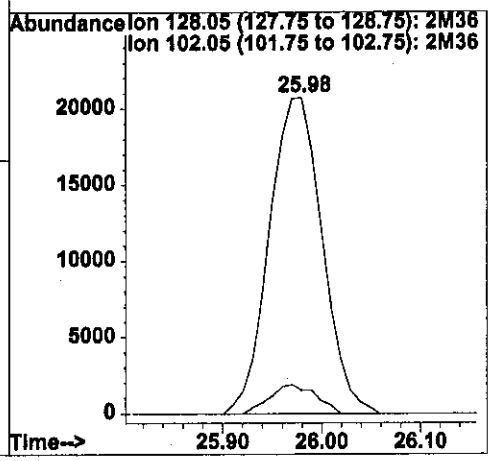




#86
Naphthalene
Concen: 271.15 UG/L
RT: 25.98 min Scan# 2450
Delta R.T. -0.04 min
Lab File: 2M36526.D
Acq: 19 Jun 2000 17:54

Tgt Ion:128 Resp: 76928

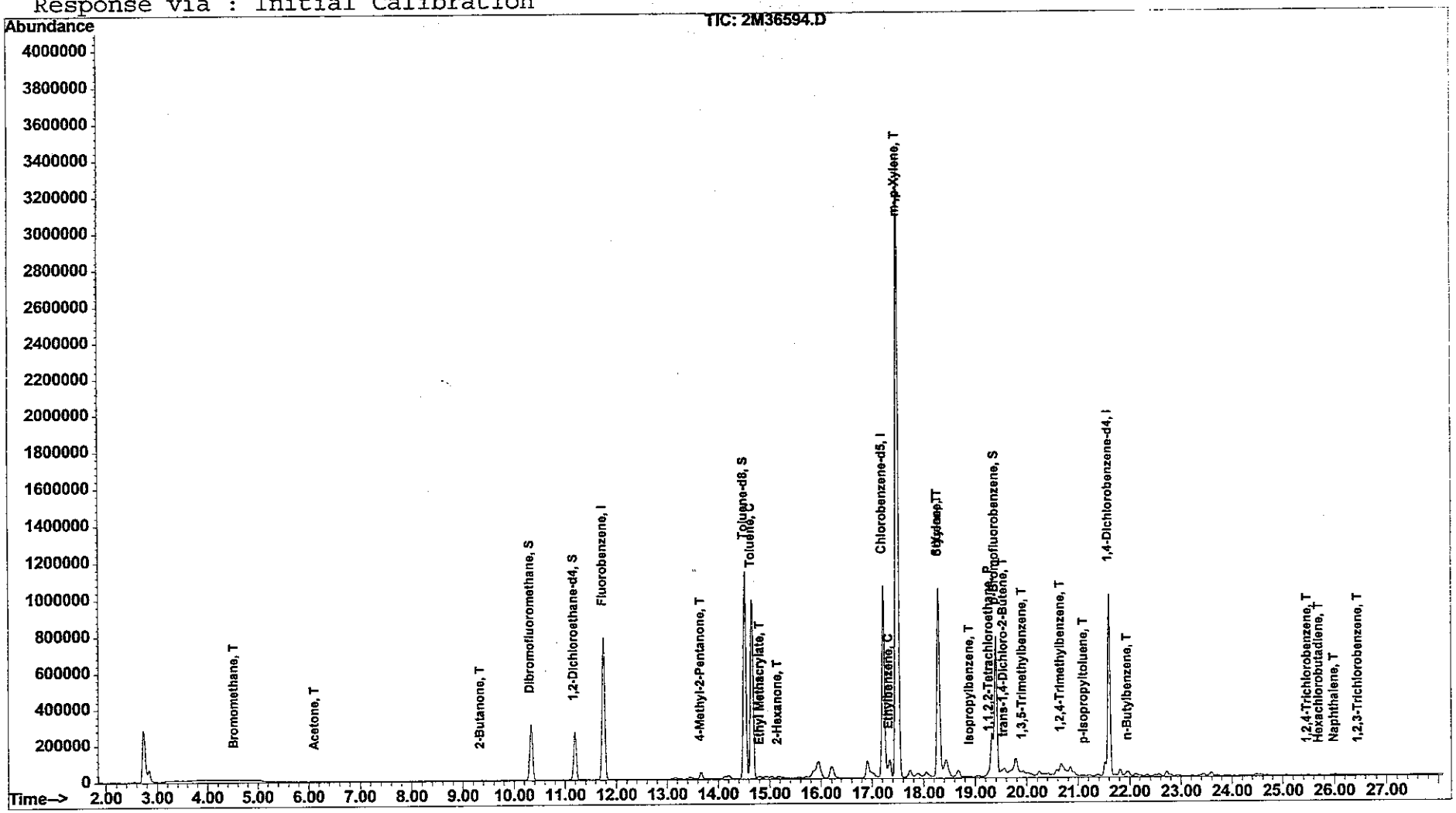
Ion	Ratio	Lower	Upper
128	100		
102	7.9	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\2M36594.D Vial: 7
Acq On : 21 Jun 2000 12:50 Operator: CMS
Sample : L0006193-07 800X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID,800 (100UL/50ML) 826-SPE-VO Multiplr: ~~1.00~~ 800
6-22-00 cms
MS Integration Params: rteint.p
Quant Time: Jun 21 13:19 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



667

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36594.D Vial: 7
Acq On : 21 Jun 2000 12:50 Operator: CMS
Sample : L0006193-07 800X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID,800 (100UL/50ML) 826-SPE-VO Multiplr: 800.00
MS Integration Params: rteint.p
Quant Time: Jun 21 13:19 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1355666	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.21	117	1113931	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	533011	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.33	111	371913	27.17	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 108.68%			
33) 1,2-Dichloroethane-d4	11.19	65	325448	27.66	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 110.64%			
45) Toluene-d8	14.51	98	1477161	25.99	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 103.96%			
66) p-Bromofluorobenzene	19.39	95	600543	27.05	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.20%			
Target Compounds						Qvalue
5) Bromomethane	4.54	94	1845	247.84	UG/L #	4
11) Acetone	6.13	43	1720	1018.91	UG/L #	56
23) 2-Butanone	9.35	43	5531	1493.24	UG/L #	58
41) 4-Methyl-2-Pentanone	13.67	58	22450	6027.20	UG/L #	85
46) Toluene	14.65	91	1429593	14901.78	ug/L	98
47) Ethyl Methacrylate	14.84	69	3608	177.48	UG/L #	56
50) 2-Hexanone	15.17	43	11087	1504.97	UG/L #	30
58) Ethylbenzene	17.34	106	34453	1141.75	UG/L	100
59) m-,p-Xylene	17.48	106	2008954	55318.38	UG/L	99
60) o-Xylene	18.29	106	585521	16057.18	UG/L	97
61) Styrene	18.29	104	30031	478.84	UG/L #	1
63) Isopropylbenzene	18.91	105	9778	105.96	ug/L	97
65) 1,1,2,2-Tetrachloroethane	19.27	83	6817	423.26	UG/L #	18
68) trans-1,4-Dichloro-2-Buten	19.58	53	1460	358.71	UG/L #	16
71) 1,3,5-Trimethylbenzene	19.93	105	21785	288.88	UG/L	87
76) 1,2,4-Trimethylbenzene	20.67	105	45861	608.12	UG/L	95
78) p-Isopropyltoluene	21.12	119	8305	116.43	UG/L	91
81) n-Butylbenzene	21.98	91	14089	204.38	UG/L #	1
84) 1,2,4-Trichlorobenzene	25.49	180	1967	114.95	UG/L #	84
85) Hexachlorobutadiene	25.72	225	1877	253.79	UG/L #	38
86) Naphthalene	26.01	128	11876	437.06	UG/L #	76
87) 1,2,3-Trichlorobenzene	26.46	180	3040	232.92	UG/L #	80

(#) = qualifier out of range (m) = manual integration

300

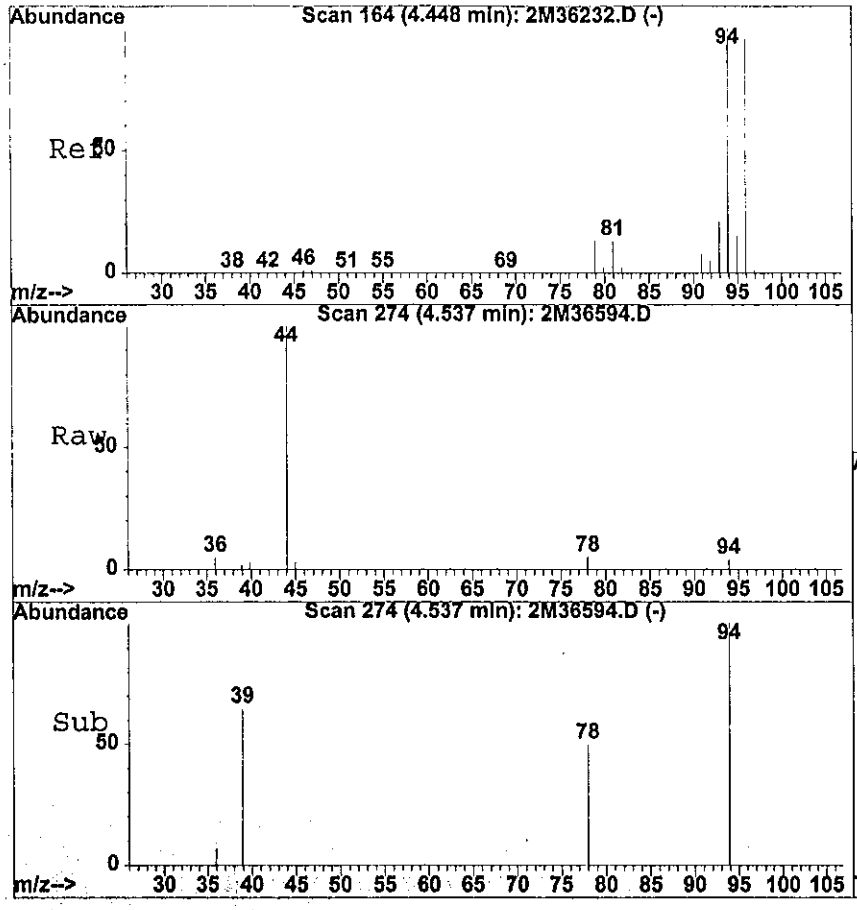
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36594.D Vial: 7
Acq On : 21 Jun 2000 12:50 Operator: CMS
Sample : L0006193-07 800X ITCORPOH-398 6.3G/10ML Inst : HPMS2
Misc : SOLID,800 (100UL/50ML) 826-SPE-VO Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 13:19 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1355666	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.21	117	1113931	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	533011	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.33	111	371913	27.17	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 108.68%			
33) 1,2-Dichloroethane-d4	11.19	65	325448	27.66	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 110.64%			
45) Toluene-d8	14.51	98	1477161	25.99	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 103.96%			
66) p-Bromofluorobenzene	19.39	95	600543	27.05	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.20%			
Target Compounds						Qvalue
5) Bromomethane	4.54	94	1845	0.31	UG/L #	4
11) Acetone	6.13	43	1720	1.27	UG/L #	56
23) 2-Butanone	9.35	43	5531	1.87	UG/L #	58
41) 4-Methyl-2-Pentanone	13.67	58	22450	7.53	UG/L #BDL	85
46) Toluene	14.65	91	1429593	18.63	ug/L	98
47) Ethyl Methacrylate	14.84	69	3608	0.22	UG/L #	56
50) 2-Hexanone	15.17	43	11087	1.88	UG/L #	30
58) Ethylbenzene	17.34	106	34453	1.43	UG/L BDL	100
59) m-,p-Xylene	17.48	106	2008954	69.15	UG/L	99
60) o-Xylene	18.29	106	585521	20.07	UG/L	97
61) Styrene	18.29	104	30031	0.60	UG/L #	1
63) Isopropylbenzene	18.91	105	9778	0.13	ug/L	97
65) 1,1,2,2-Tetrachloroethane	19.27	83	6817	0.53	UG/L #	18
68) trans-1,4-Dichloro-2-Buten	19.58	53	1460	0.45	UG/L #	16
71) 1,3,5-Trimethylbenzene	19.93	105	21785	0.36	UG/L	87
76) 1,2,4-Trimethylbenzene	20.67	105	45861	0.76	UG/L	95
78) p-Isopropyltoluene	21.12	119	8305	0.15	UG/L	91
81) n-Butylbenzene	21.98	91	14089	0.26	UG/L #	1
84) 1,2,4-Trichlorobenzene	25.49	180	1967	0.14	UG/L #	84
85) Hexachlorobutadiene	25.72	225	1877	0.32	UG/L #	38
86) Naphthalene	26.01	128	11876	0.55	UG/L #	76
87) 1,2,3-Trichlorobenzene	26.46	180	3040	0.29	UG/L #	80

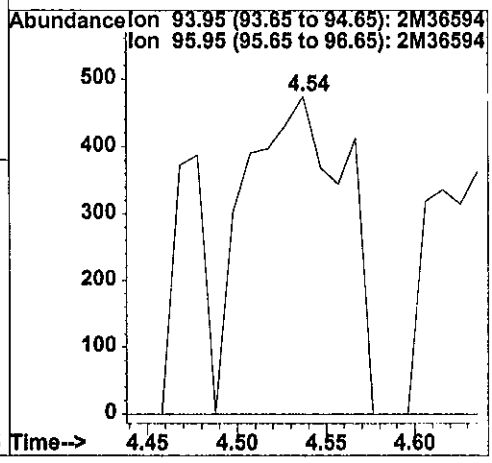
(#) = qualifier out of range (m) = manual integration

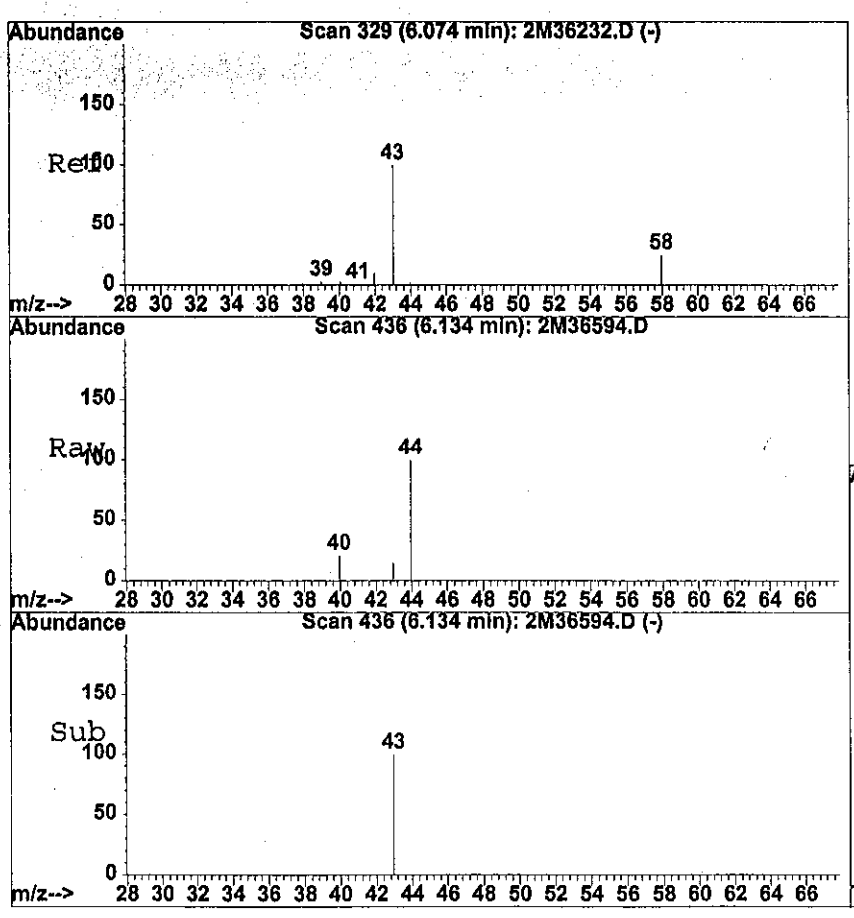


#5
Bromomethane
Concen: 247.84 UG/L
RT: 4.54 min Scan# 274
Delta R.T. 0.03 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 94 Resp: 1845

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

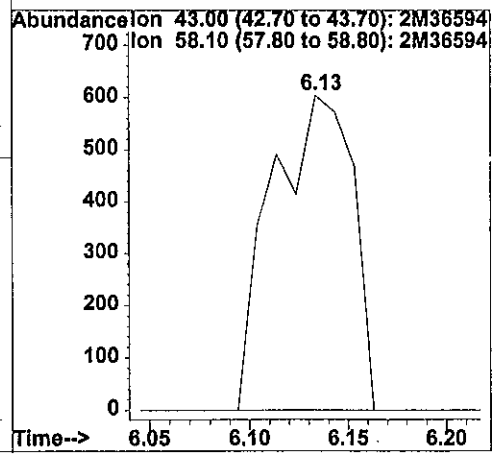


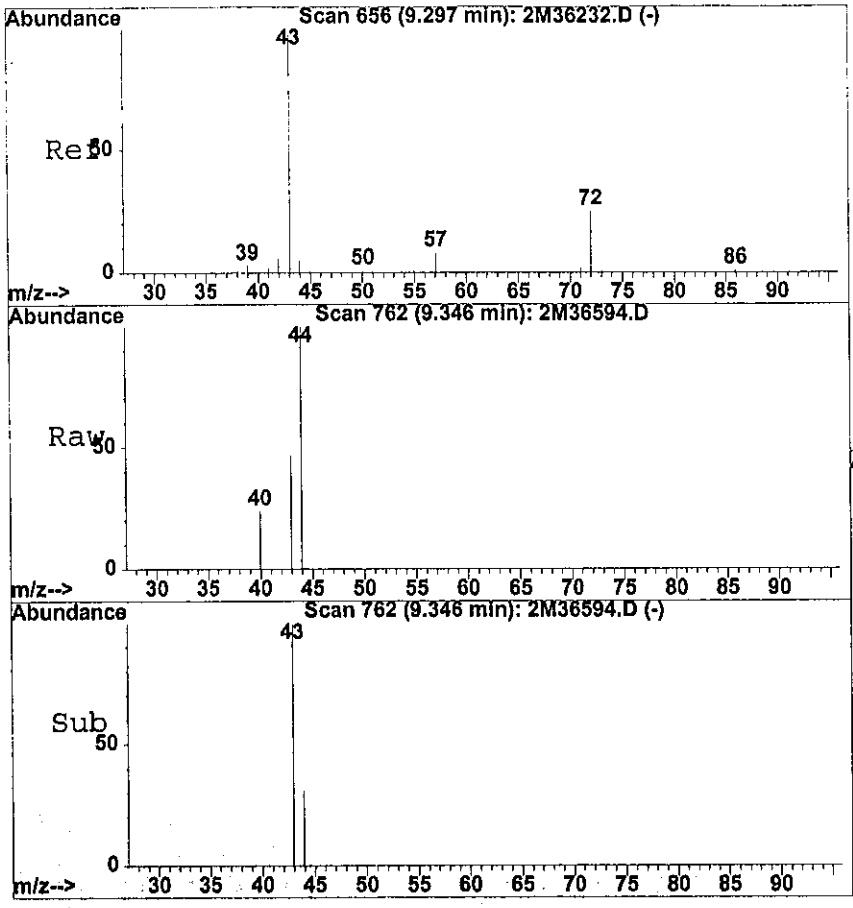


#11
Acetone
Concen: 1018.91 UG/L
RT: 6.13 min Scan# 436
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 43 Resp: 1720

Ion	Ratio	Lower	Upper
43	100		
58	0.0	16.3	24.5#

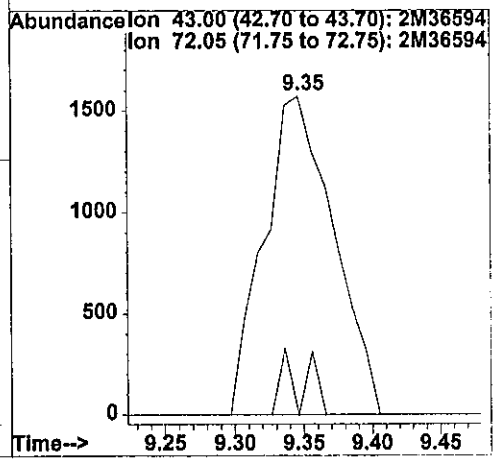


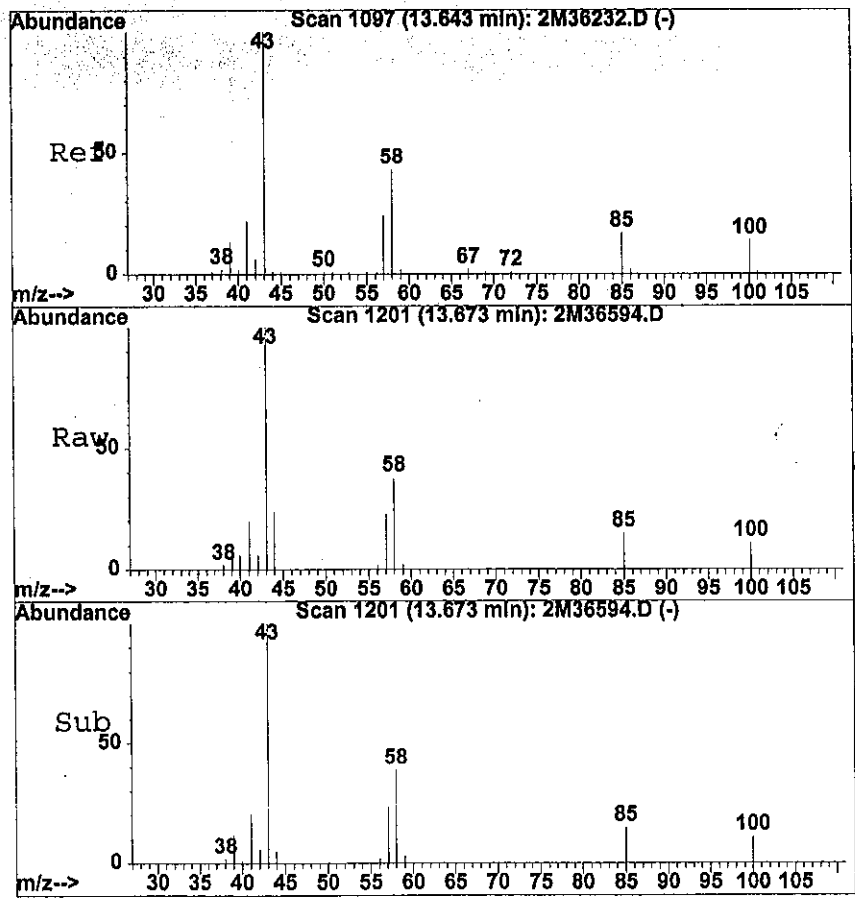


#23
2-Butanone
Concen: 1493.24 UG/L
RT: 9.35 min Scan# 762
Delta R.T. 0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 43 Resp: 5531

Ion	Ratio	Lower	Upper
43	100		
72	0.0	15.3	22.9#

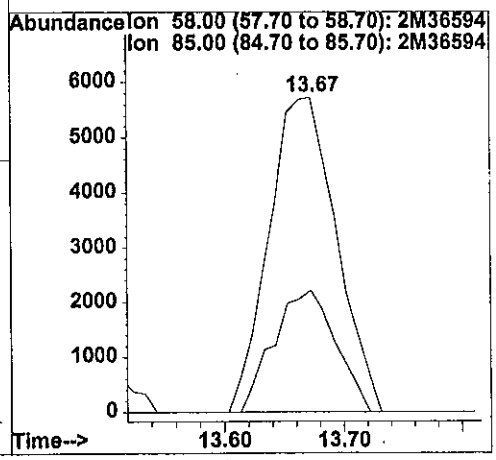


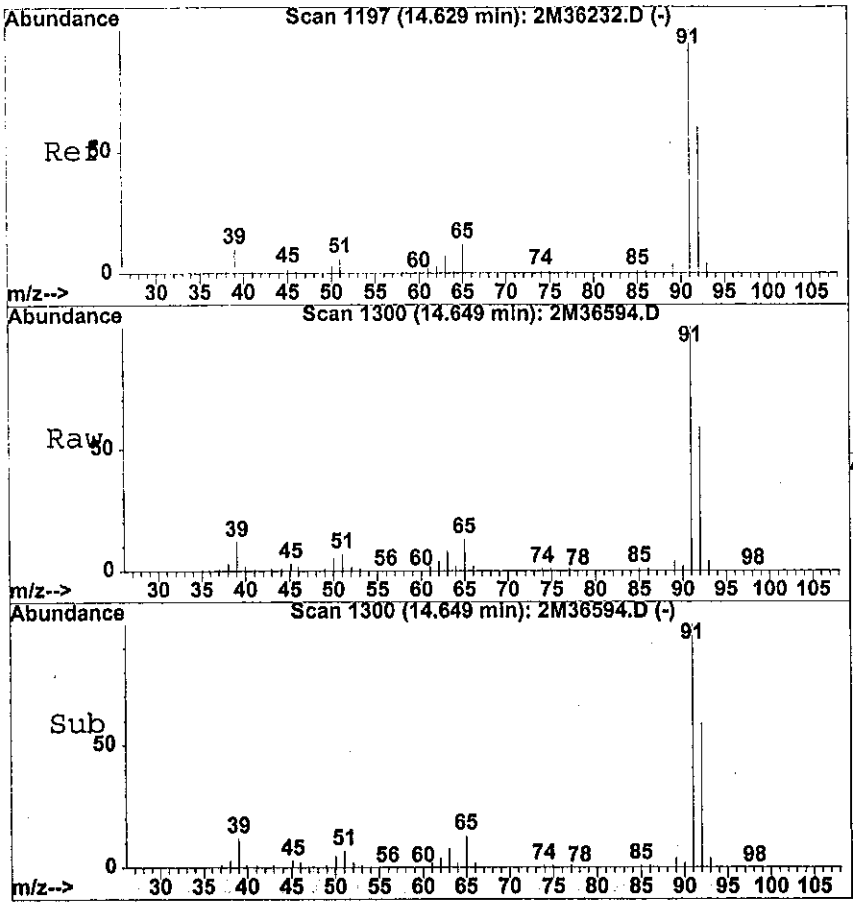


#41
4-Methyl-2-Pentanone
Concen: 6027.20 UG/L
RT: 13.67 min Scan# 1201
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 58 Resp: 22450

Ion	Ratio	Lower	Upper
58	100		
85	35.5	36.2	54.2#

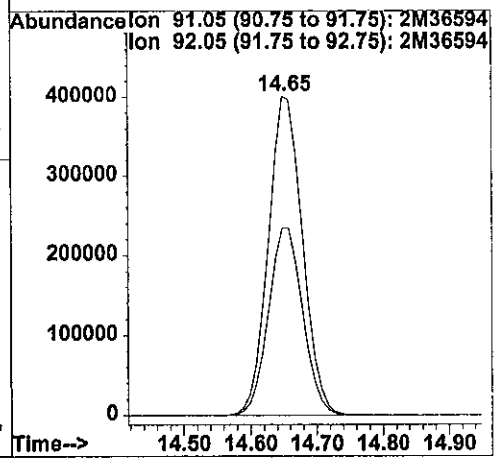


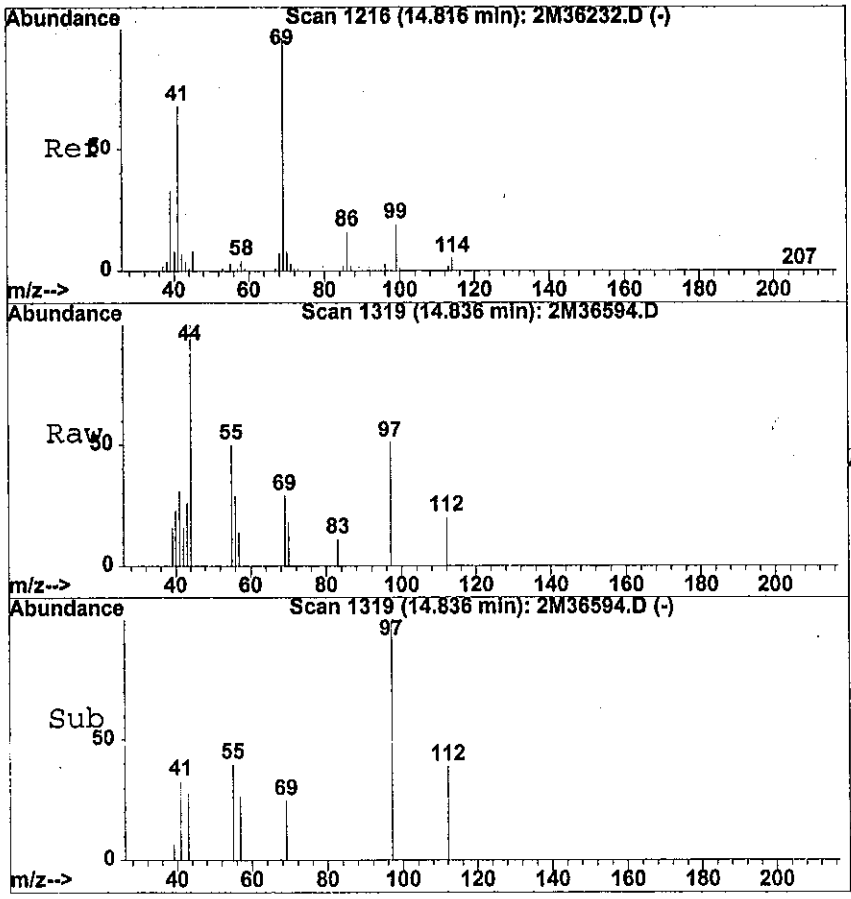


#46
Toluene
Concen: 14901.78 ug/L
RT: 14.65 min Scan# 1300
Delta R.T. -0.02 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 91 Resp: 1429593

Ion	Ratio	Lower	Upper
91	100		
92	58.9	48.3	72.5

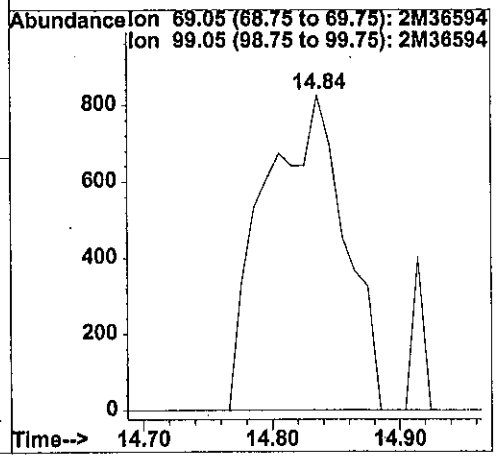


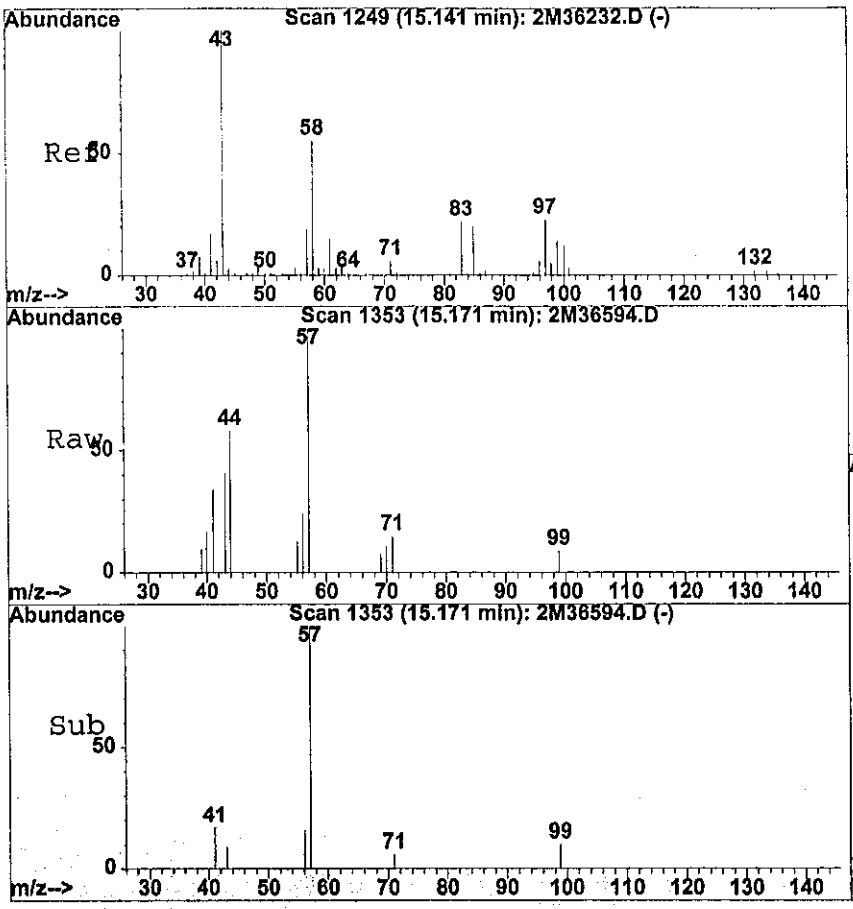


#47
Ethyl Methacrylate
Concen: 177.48 UG/L
RT: 14.84 min Scan# 1319
Delta R.T. -0.02 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 69 Resp: 3608

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

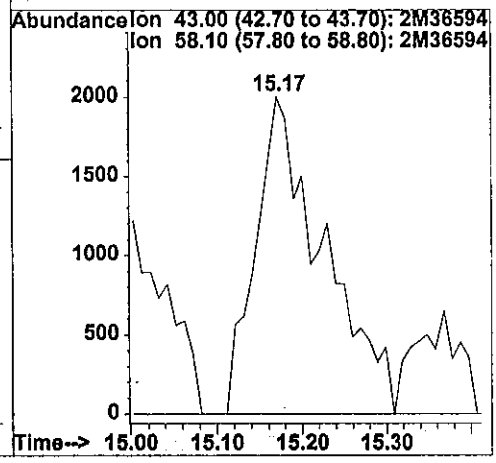


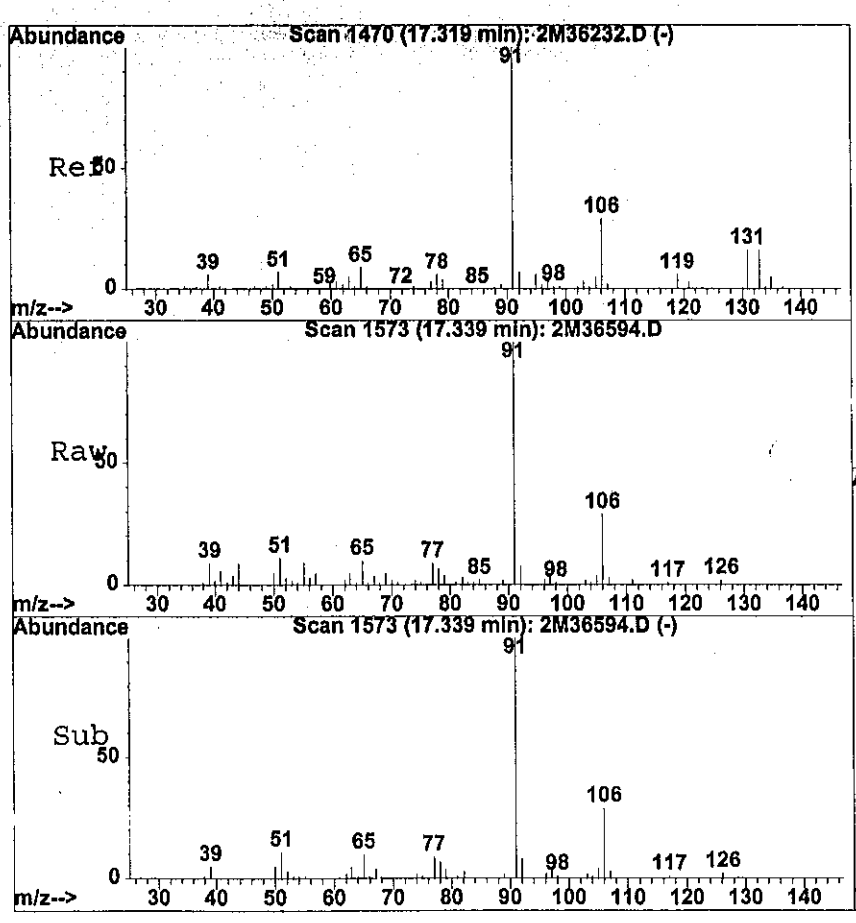


#50
2-Hexanone
Concen: 1504.97 UG/L
RT: 15.17 min Scan# 1353
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 43 Resp: 11087

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.7	56.5#

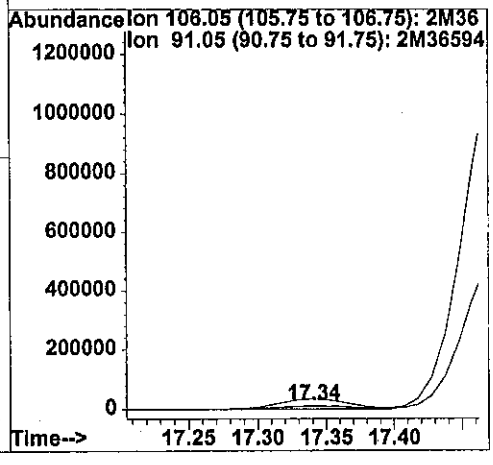


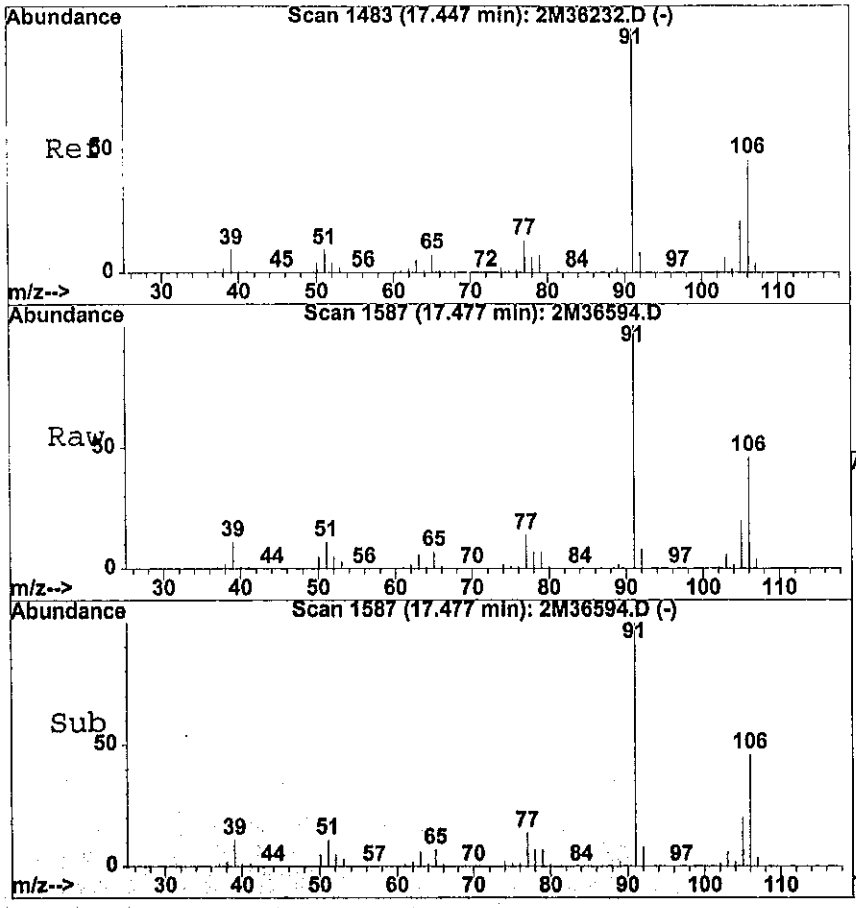


#58
Ethylbenzene
Concen: 1141.75 UG/L
RT: 17.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:106 Resp: 34453

Ion	Ratio	Lower	Upper
106	100		
91	346.6	277.9	416.9

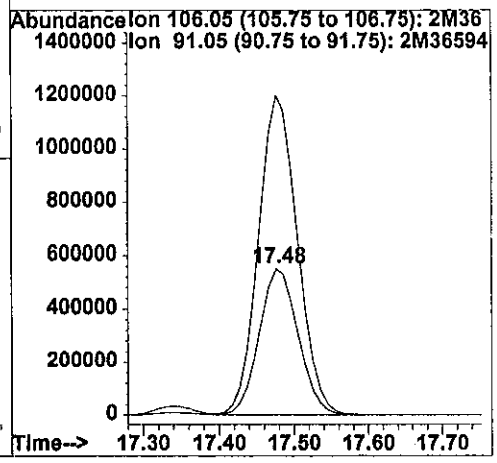


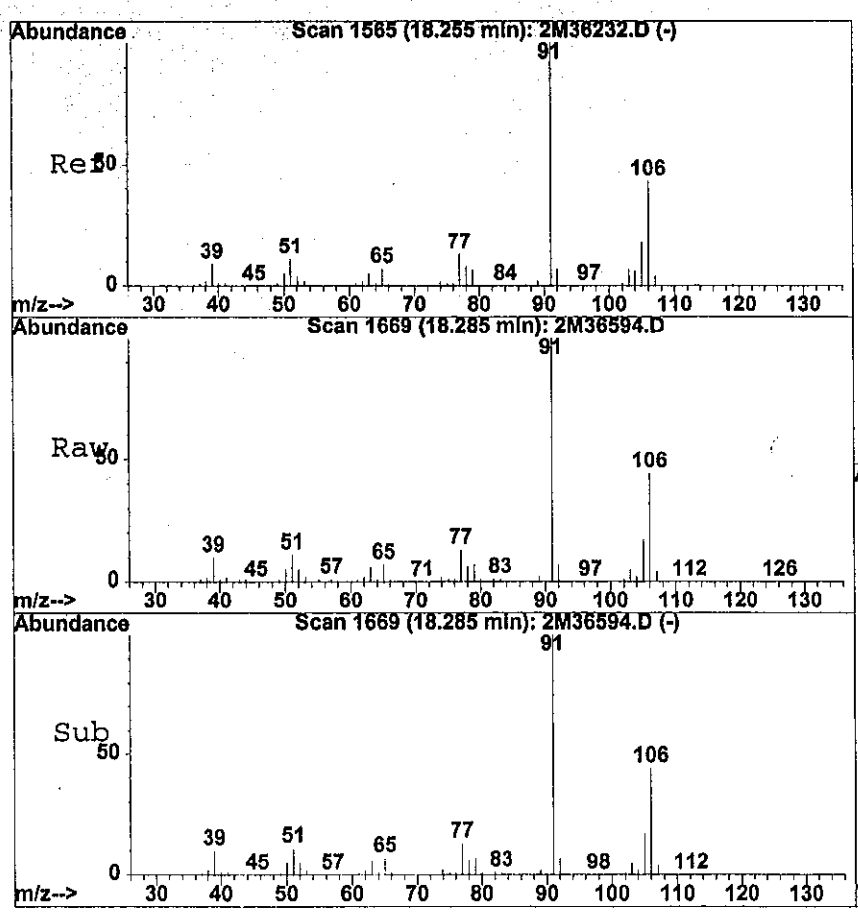


#59
m-,p-Xylene
Concen: 55318.38 UG/L
RT: 17.48 min Scan# 1587
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:106 Resp: 2008954

Ion	Ratio	Lower	Upper
106	100		
91	218.0	173.4	260.2

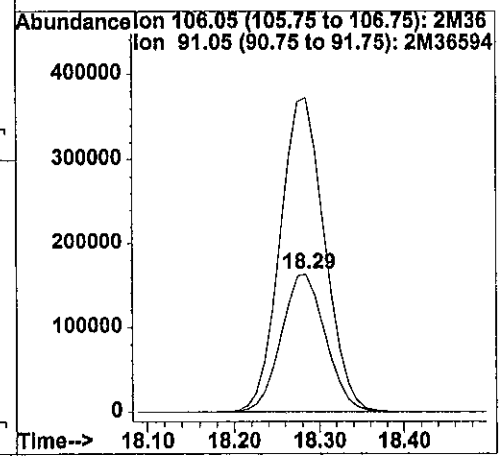


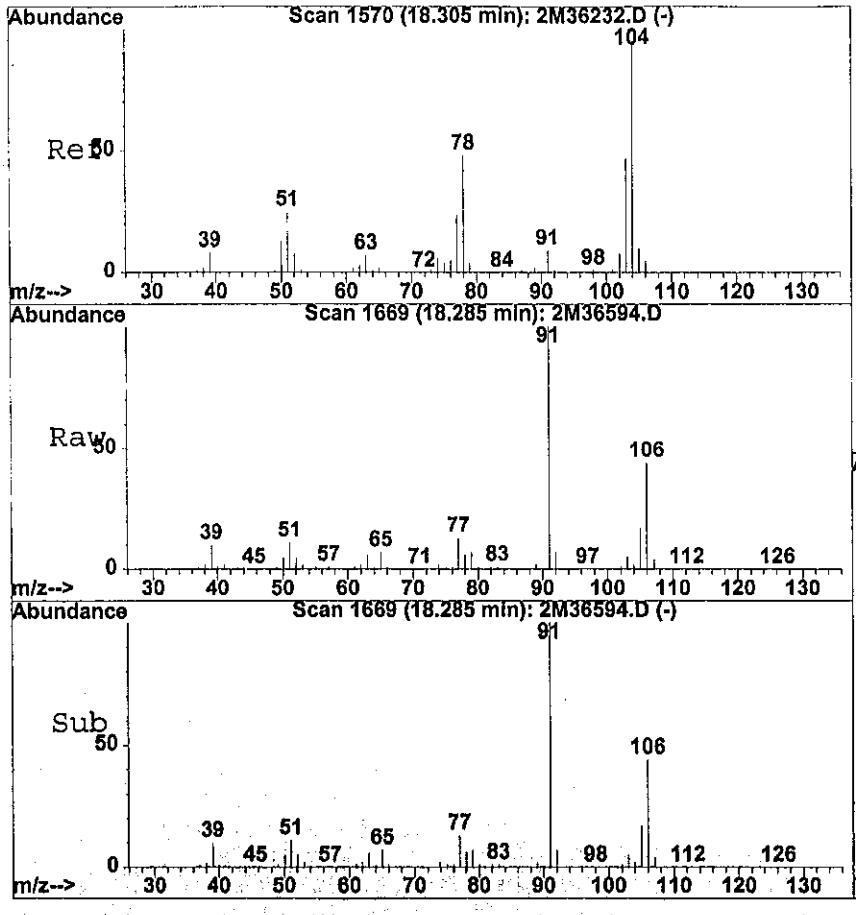


#60
o-Xylene
Concen: 16057.18 UG/L
RT: 18.29 min Scan# 1669
Delta R.T. 0.00 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:106 Resp: 585521

Ion	Ratio	Lower	Upper
106	100		
91	230.5	181.0	271.6

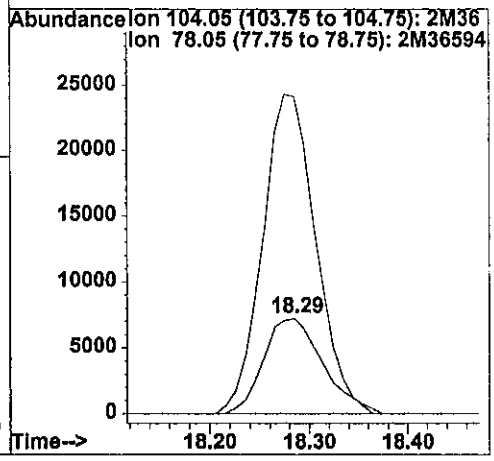


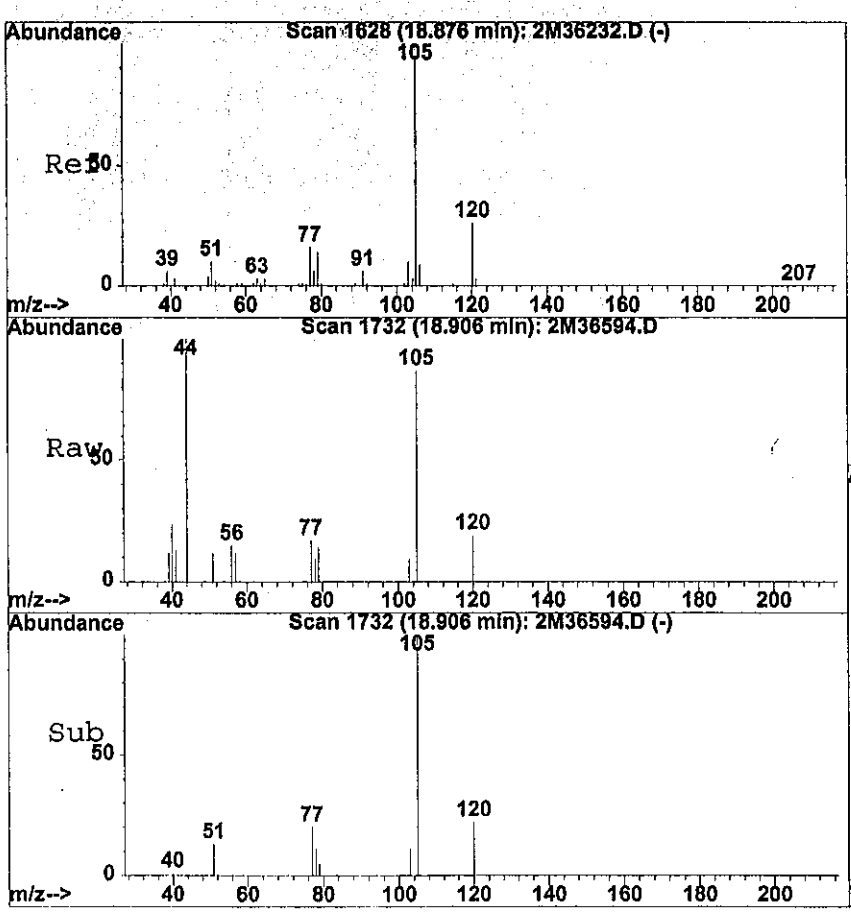


#61
Styrene
Concen: 478.84 UG/L
RT: 18.29 min Scan# 1669
Delta R.T. -0.05 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:104 Resp: 30031

Ion	Ratio	Lower	Upper
104	100		
78	302.0	36.0	54.0#

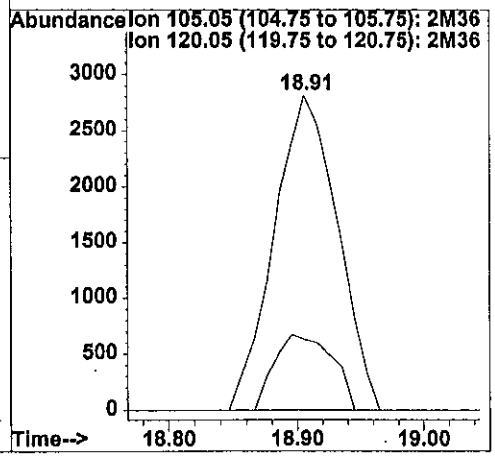


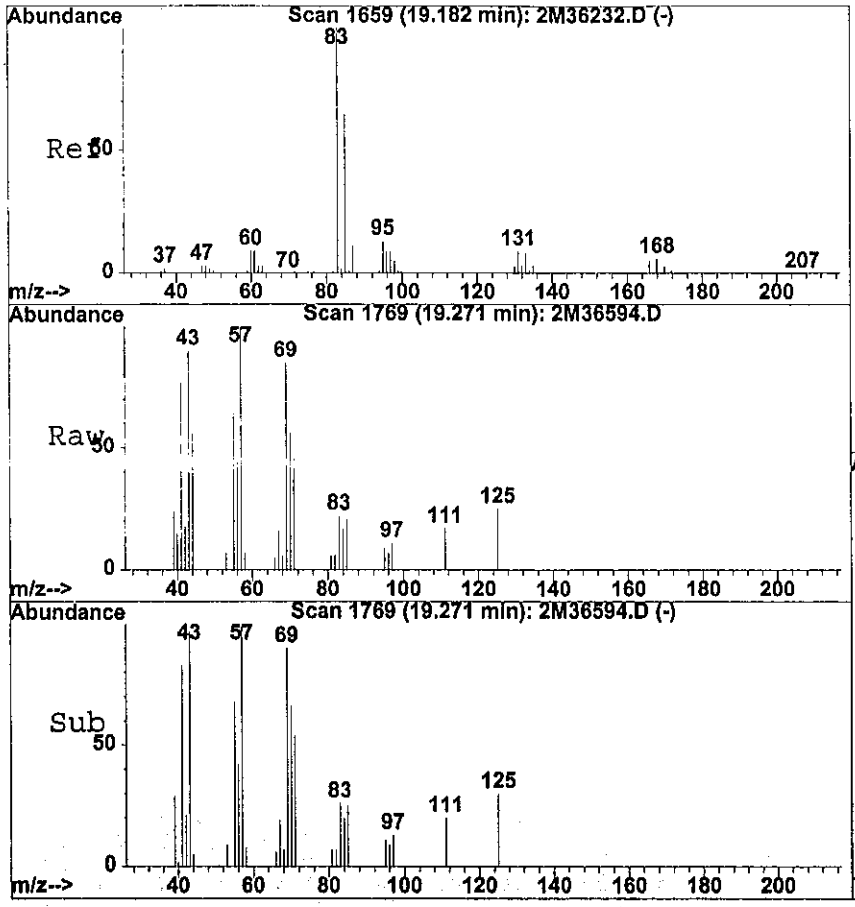


#63
Isopropylbenzene
Concen: 105.96 ug/L
RT: 18.91 min Scan# 1732
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:105 Resp: 9778

Ion	Ratio	Lower	Upper
105	100		
120	21.7	18.7	28.1

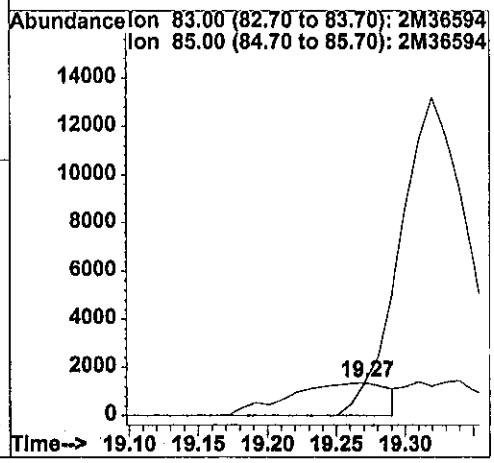


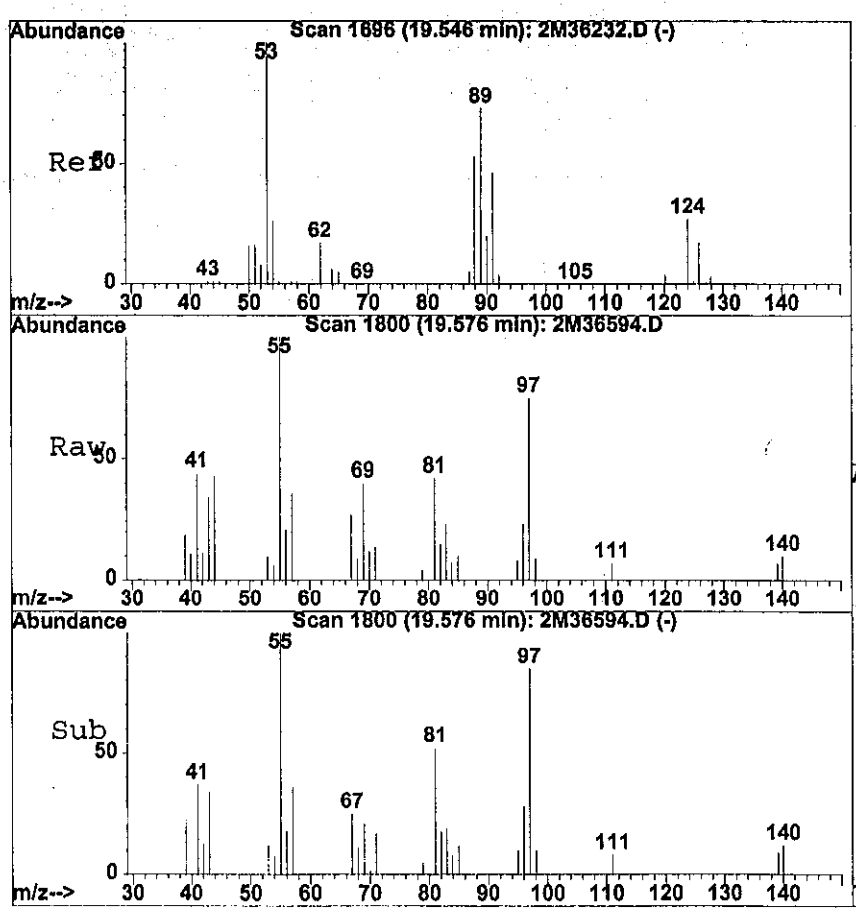


#65
1,1,2,2-Tetrachloroethane
Concen: 423.26 UG/L
RT: 19.27 min Scan# 1769
Delta R.T. 0.05 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 83 Resp: 6817

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.4	84.4#

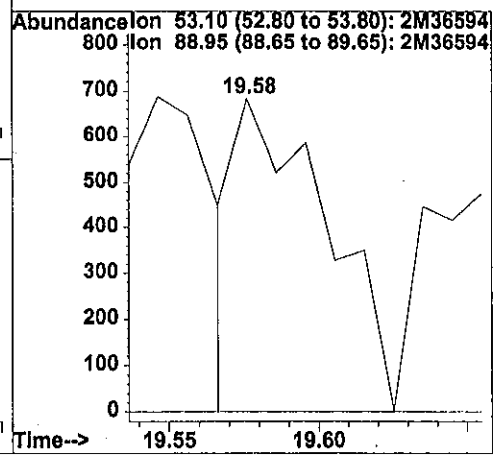


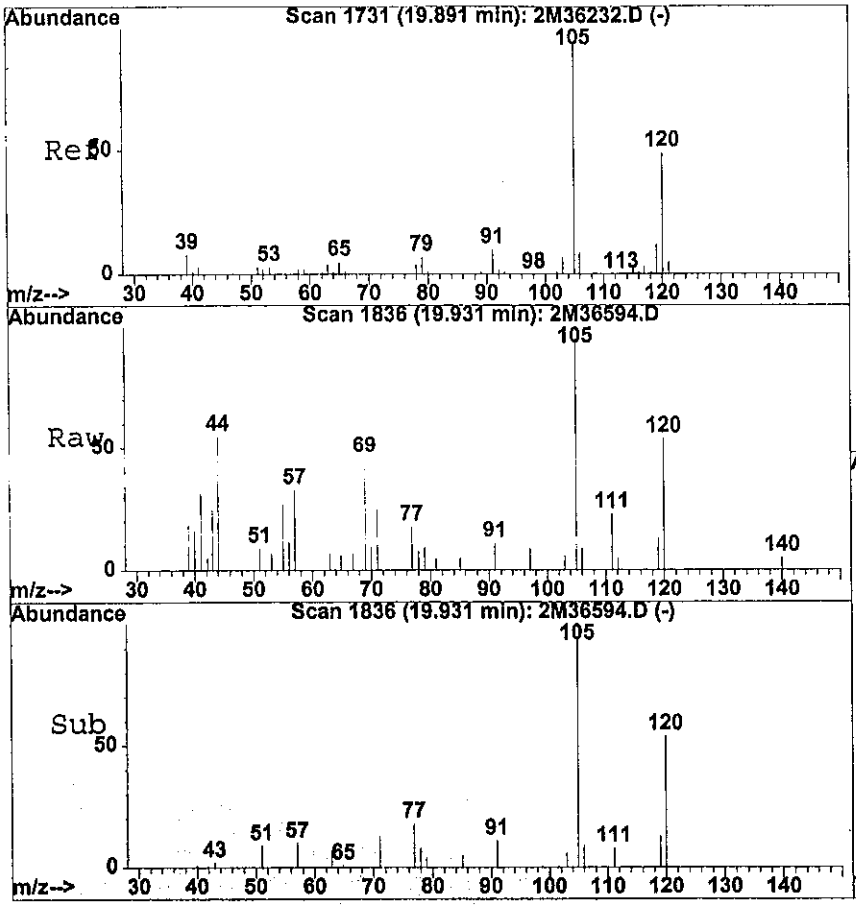


#68
trans-1,4-Dichloro-2-Butene
Concen: 358.71 UG/L
RT: 19.58 min Scan# 1800
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 53 Resp: 1460

Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

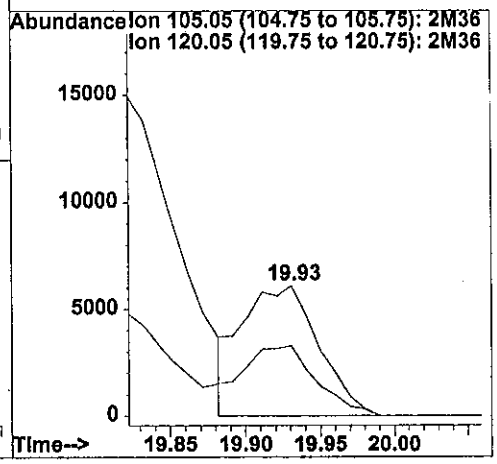


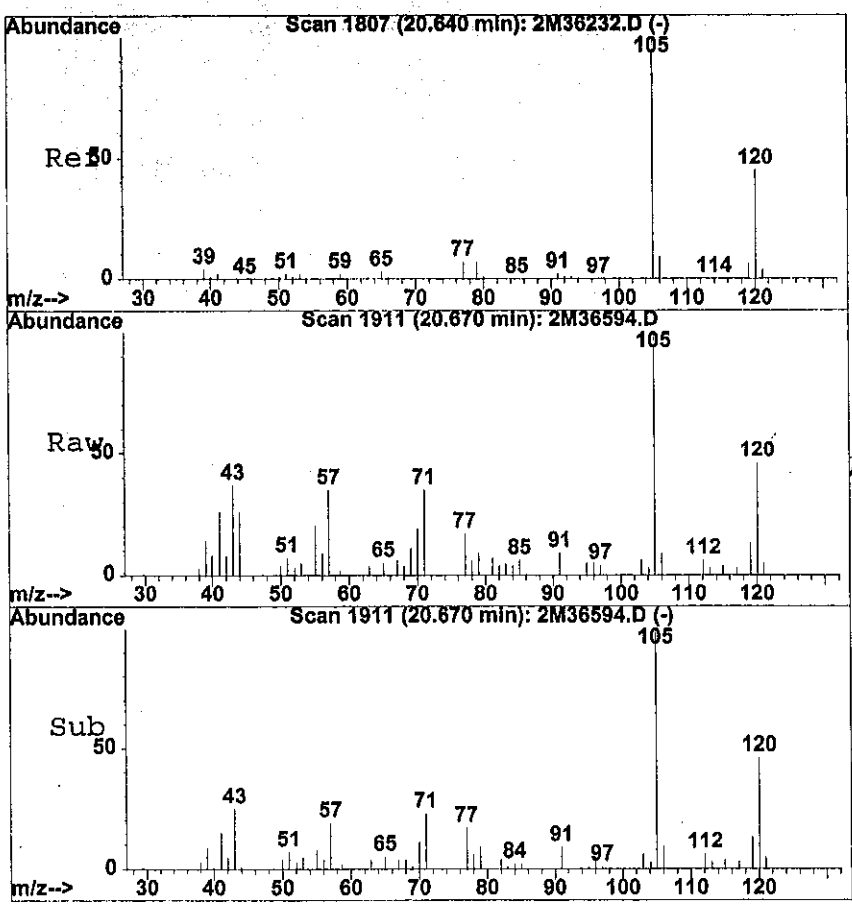


#71
1,3,5-Trimethylbenzene
Concen: 288.88 UG/L
RT: 19.93 min Scan# 1836
Delta R.T. 0.00 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:105 Resp: 21785

Ion	Ratio	Lower	Upper
105	100		
120	55.0	37.0	55.4

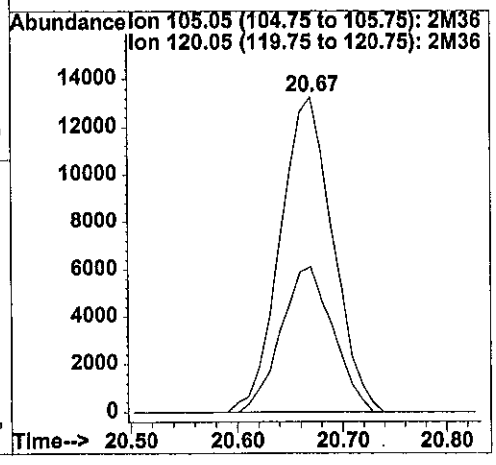


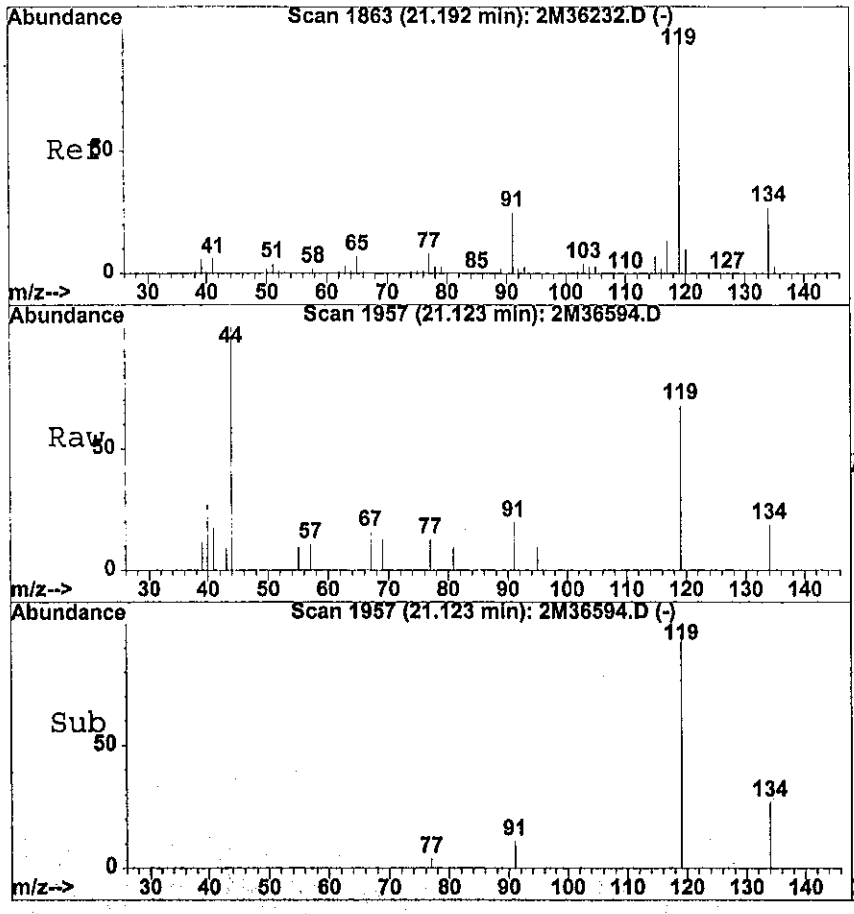


#76
1,2,4-Trimethylbenzene
Concen: 608.12 UG/L
RT: 20.67 min Scan# 1911
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:105 Resp: 45861

Ion	Ratio	Lower	Upper
105	100		
120	45.5	33.7	50.5

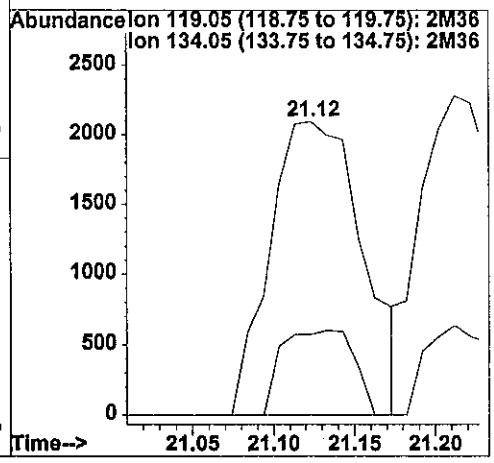


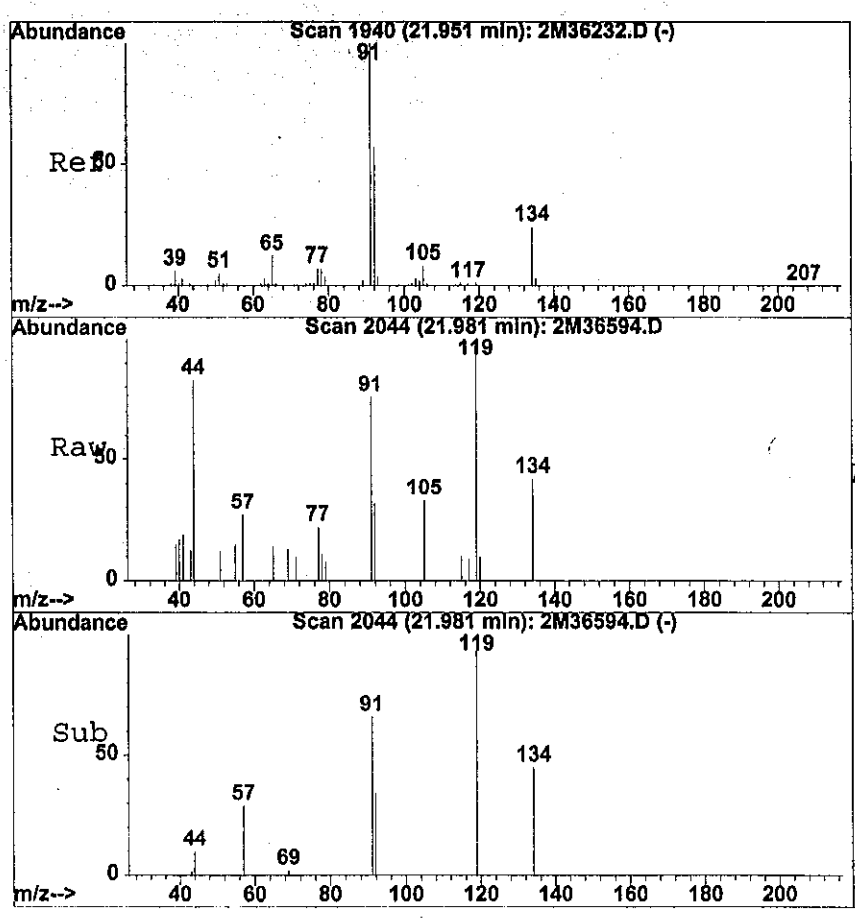


#78
p-Isopropyltoluene
Concen: 116.43 UG/L
RT: 21.12 min Scan# 1957
Delta R.T. -0.10 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:119 Resp: 8305

Ion	Ratio	Lower	Upper
119	100		
134	22.5	21.6	32.4

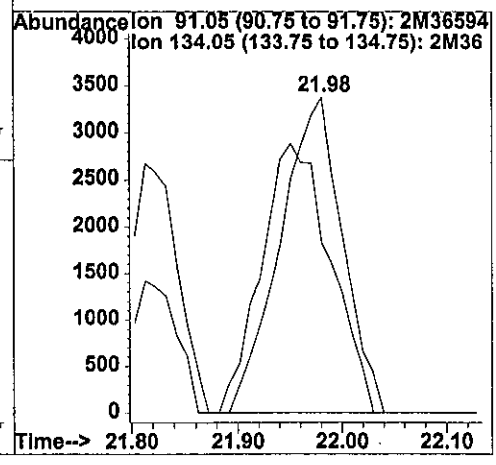


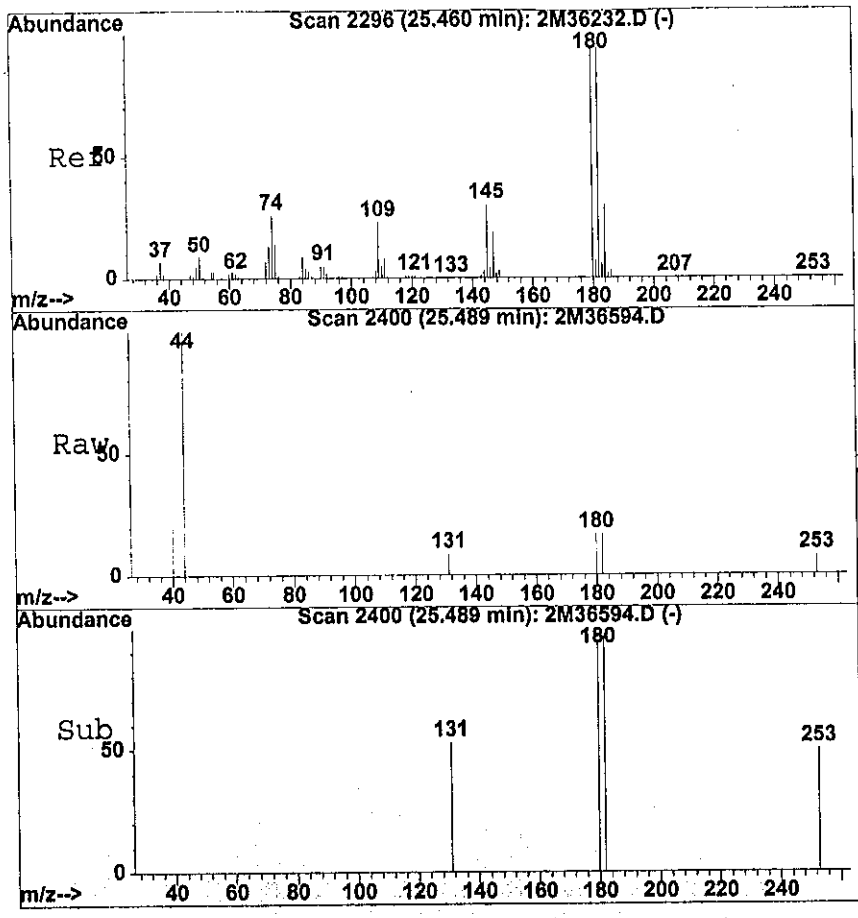


#81
n-Butylbenzene
Concen: 204.38 UG/L
RT: 21.98 min Scan# 2044
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion: 91 Resp: 14089

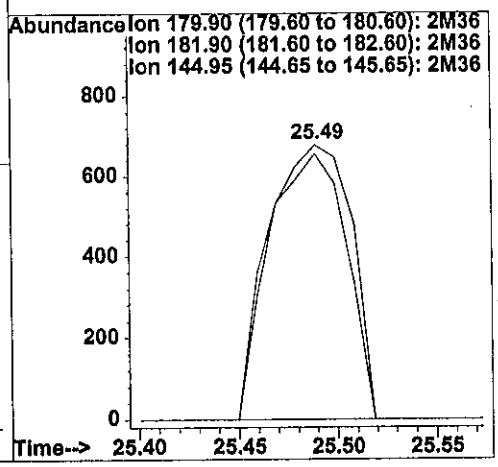
Ion	Ratio	Lower	Upper
91	100		
134	94.7	19.0	28.6#

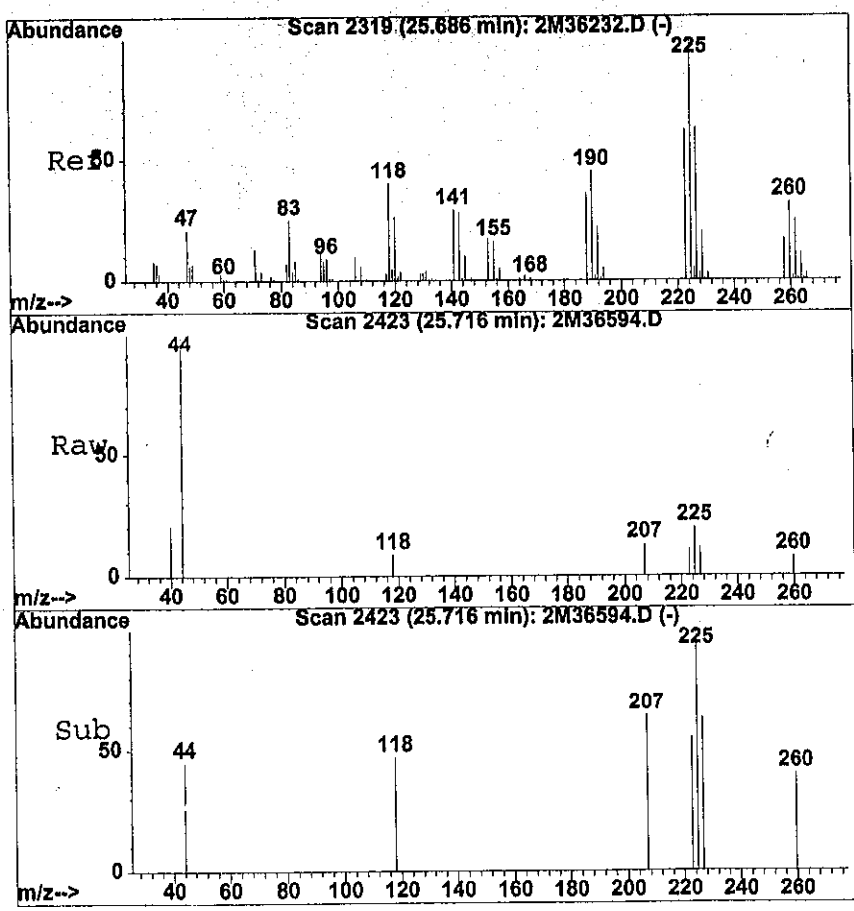




#84
1,2,4-Trichlorobenzene
Concen: 114.95 UG/L
RT: 25.49 min Scan# 2400
Delta R.T. 0.00 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

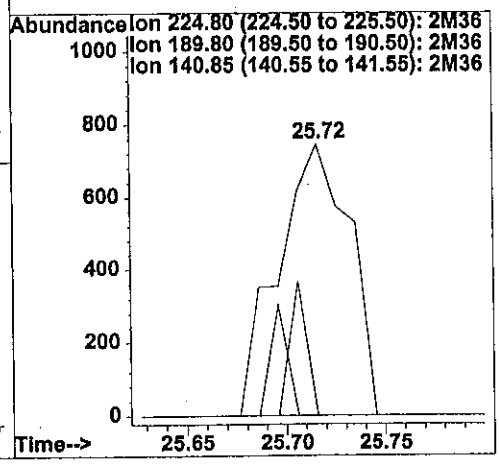
Tgt Ion:180	Resp:	1967	
Ion	Ratio	Lower	Upper
180	100		
182	90.3	77.4	116.2
145	0.0	20.2	30.2#

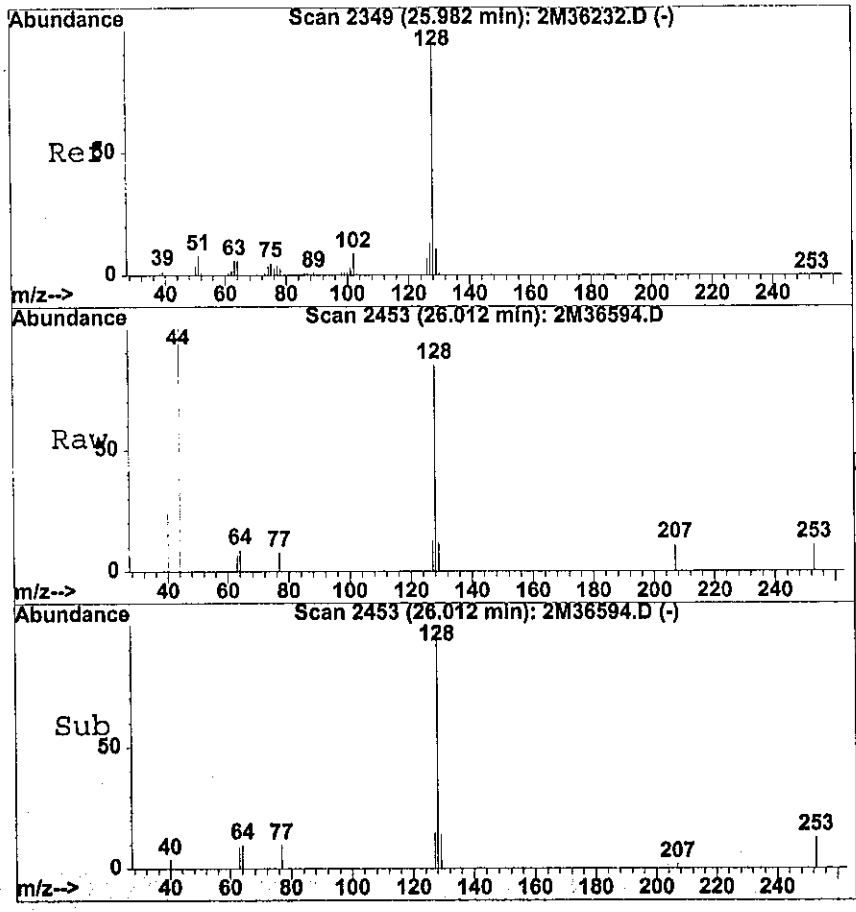




#85
Hexachlorobutadiene
Concen: 253.79 UG/L
RT: 25.72 min Scan# 2423
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:225	Resp:	1877	
Ion	Ratio	Lower	Upper
225	100		
190	0.0	36.4	54.6#
141	0.0	19.4	29.2#

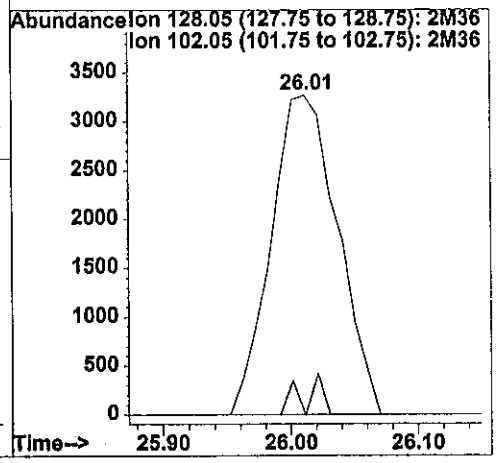


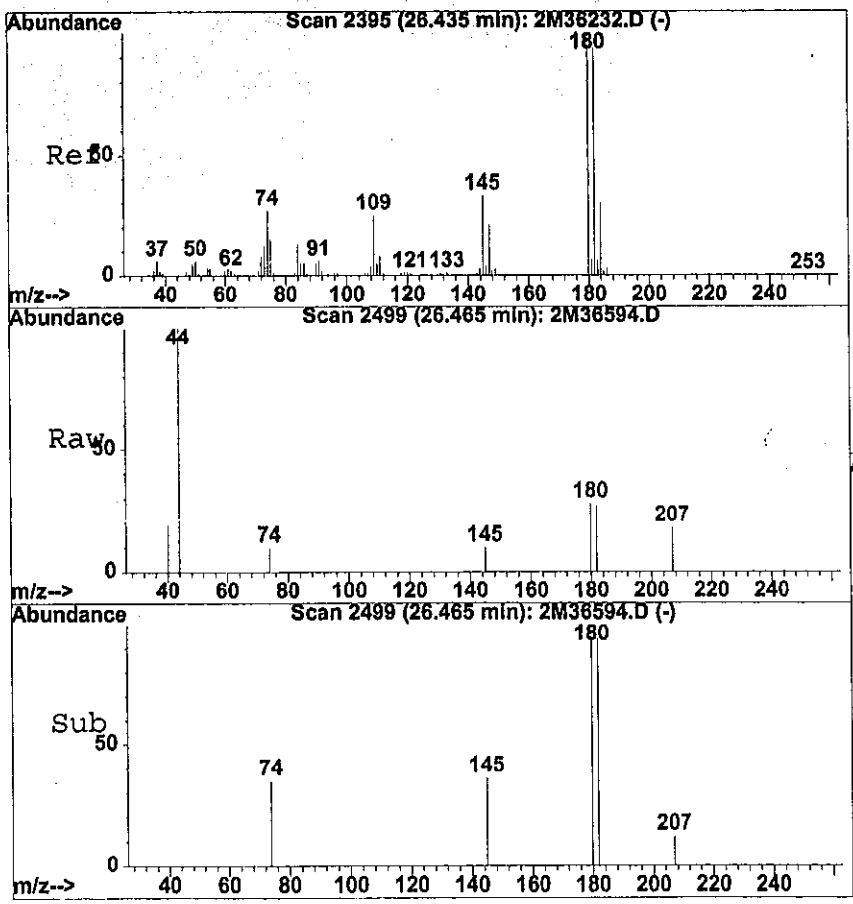


#86
Naphthalene
Concen: 437.06 UG/L
RT: 26.01 min Scan# 2453
Delta R.T. -0.01 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:128 Resp: 11876

Ion	Ratio	Lower	Upper
128	100		
102	0.0	7.0	10.6#

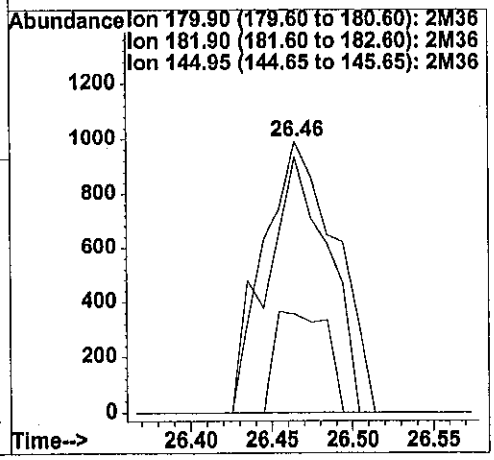




#87
1,2,3-Trichlorobenzene
Concen: 232.92 UG/L
RT: 26.46 min Scan# 2499
Delta R.T. 0.00 min
Lab File: 2M36594.D
Acq: 21 Jun 2000 12:50

Tgt Ion:180 Resp: 3040

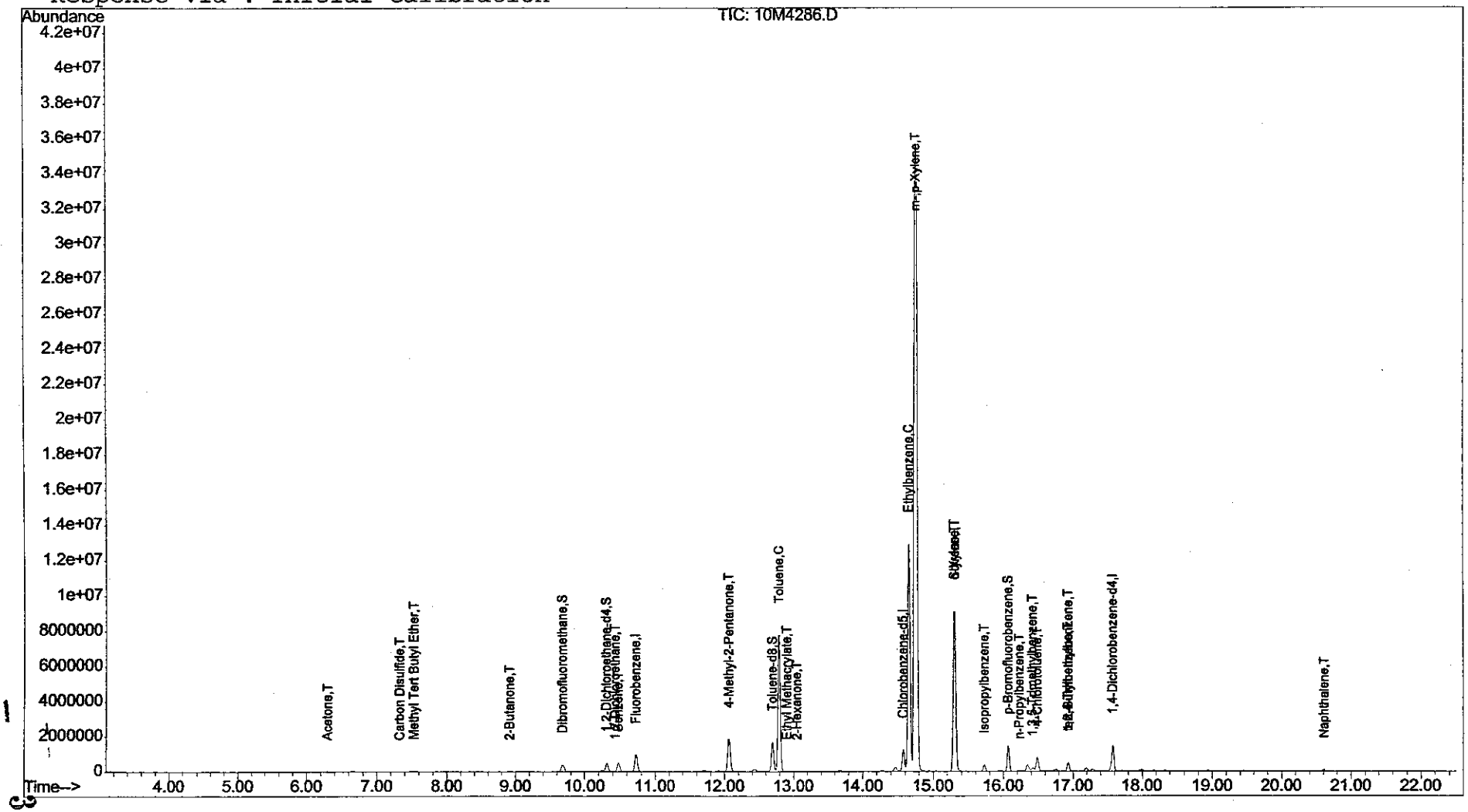
Ion	Ratio	Lower	Upper
180	100		
182	82.4	75.5	113.3
145	0.0	20.4	30.6#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4286.D Vial: 22
Acq On : 20 Jun 2000 20:04 Operator: MES
Sample : L0006193-08 398-PPG-TANK ITCORPOH Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 20:26 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



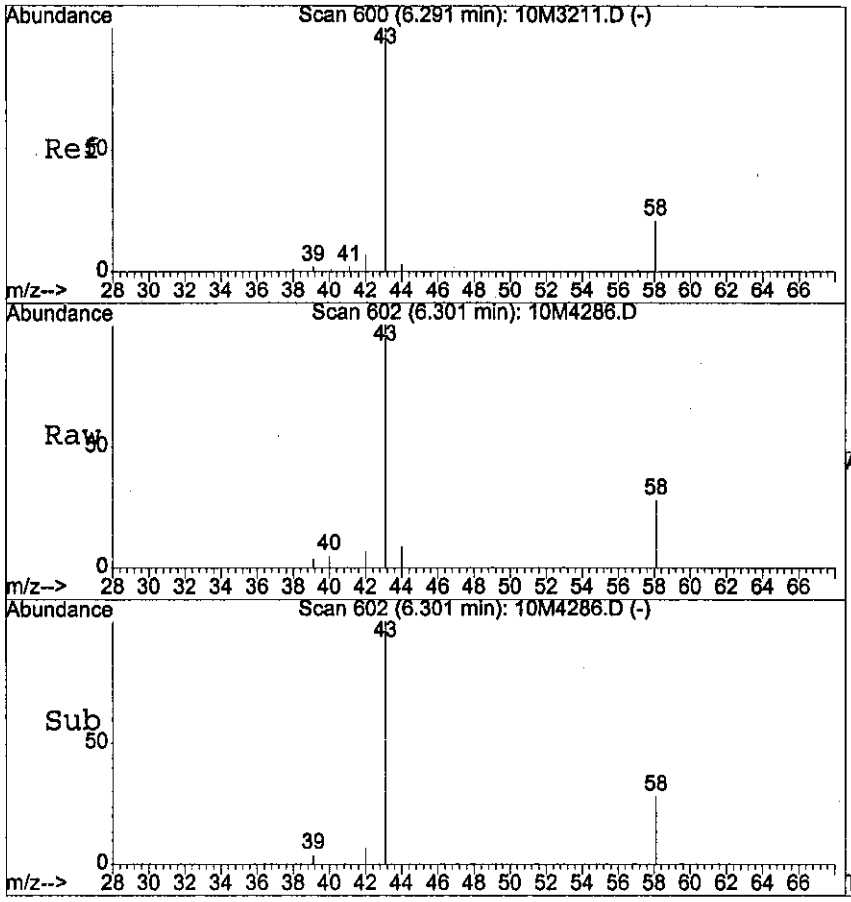
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4286.D Vial: 22
Acq On : 20 Jun 2000 20:04 Operator: MES
Sample : L0006193-08 398-PPG-TANK ITCORPOH Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 20:26 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	1078472	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	779974	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	415103	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	355770	23.29	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.16%			
33) 1,2-Dichloroethane-d4	10.32	65	486658	23.88	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 95.52%			
45) Toluene-d8	12.69	98	1390076	25.15	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 100.60%			
66) p-Bromofluorobenzene	16.07	95	605033	26.99	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.96%			
Target Compounds						Qvalue
11) Acetone	6.30	43	38081	14.13	ug/L	99
16) Carbon Disulfide	7.33	76	10514	0.23	ug/L #	74
18) Methyl Tert Butyl Ether	7.53	73	67885	2.21	ug/L	93
23) 2-Butanone	8.92	43	41557	10.77	ug/L J	96
34) 1,2-Dichloroethane	10.43	62	3130	0.12	ug/L #	46
35) Benzene	10.48	78	570959	9.10	ug/L	98
41) 4-Methyl-2-Pentanone	12.06	58	737429	235.73	ug/L I	94
46) Toluene	12.80	91	7617149	115.93	ug/L	99
47) Ethyl Methacrylate	12.91	69	5033	0.39	ug/L #	1
50) 2-Hexanone	13.04	43	13212	2.16	ug/L #	35
58) Ethylbenzene	14.65	106	3885303	163.90	ug/L	80
59) m-,p-Xylene	14.75	106	22175000	756.84	ug/L # I	1
60) o-Xylene	15.30	106	3284154	113.52	ug/L	80
61) Styrene	15.30	104	197591	4.35	ug/L #	1
63) Isopropylbenzene	15.73	105	318723	4.01	ug/L	94
69) n-Propylbenzene	16.23	91	57148	0.65	ug/L	91
71) 1,3,5-Trimethylbenzene	16.42	105	93748	1.60	ug/L	89
73) 4-Chlorotoluene	16.49	91	16048	0.26	ug/L #	41
75) tert-Butylbenzene	16.93	119	37556	0.72	ug/L #	16
76) 1,2,4-Trimethylbenzene	16.93	105	347936	5.29	ug/L	90
86) Naphthalene	20.61	128	93846	3.42	ug/L	99

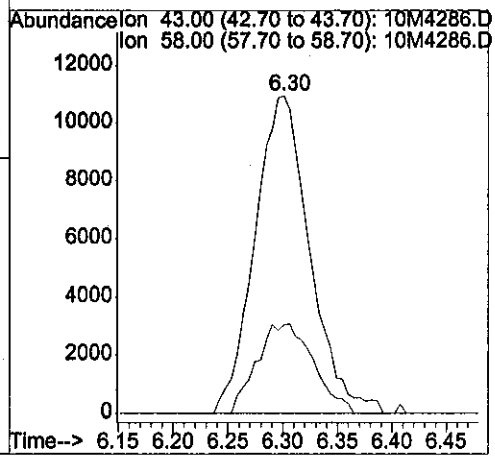
(#) = qualifier out of range (m) = manual integration

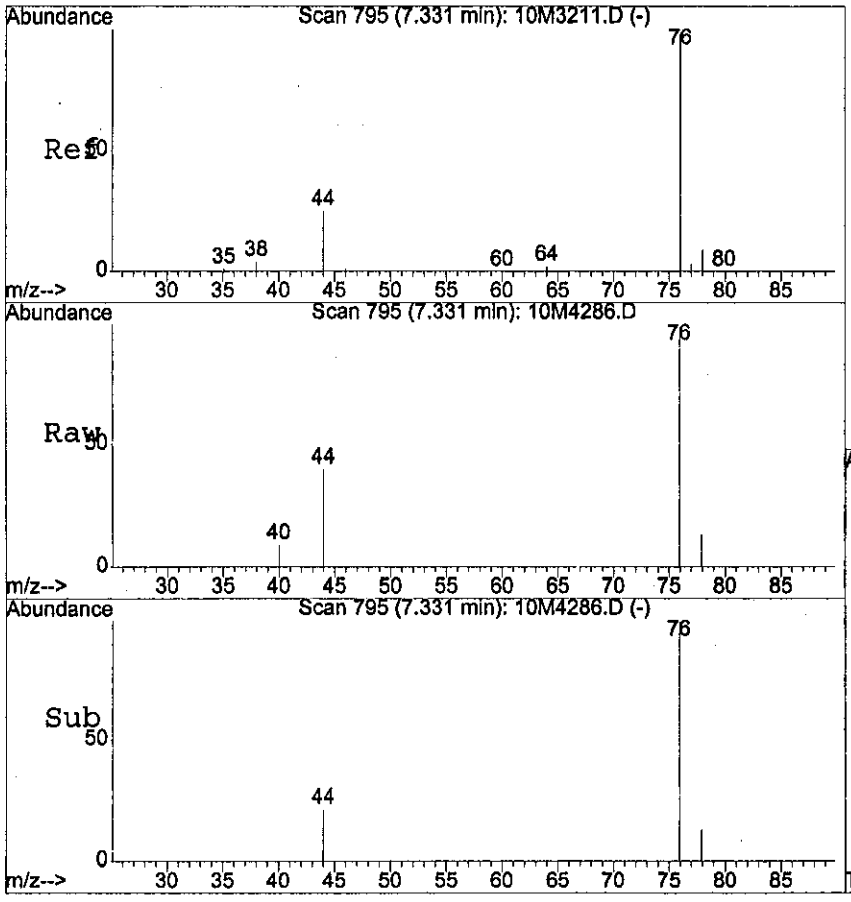


#11
Acetone
Concen: 14.13 ug/L
RT: 6.30 min Scan# 602
Delta R.T. -0.01 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 43 Resp: 38081

Ion	Ratio	Lower	Upper
43	100		
58	28.9	22.6	34.0

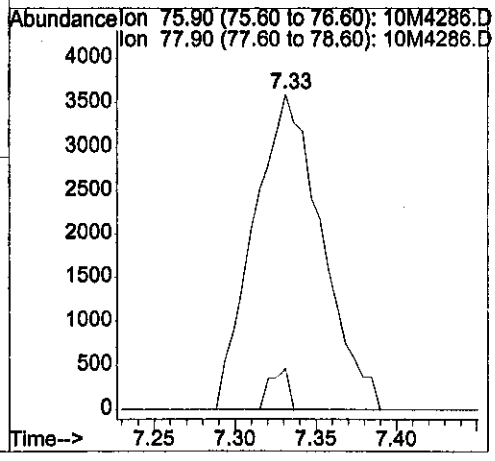


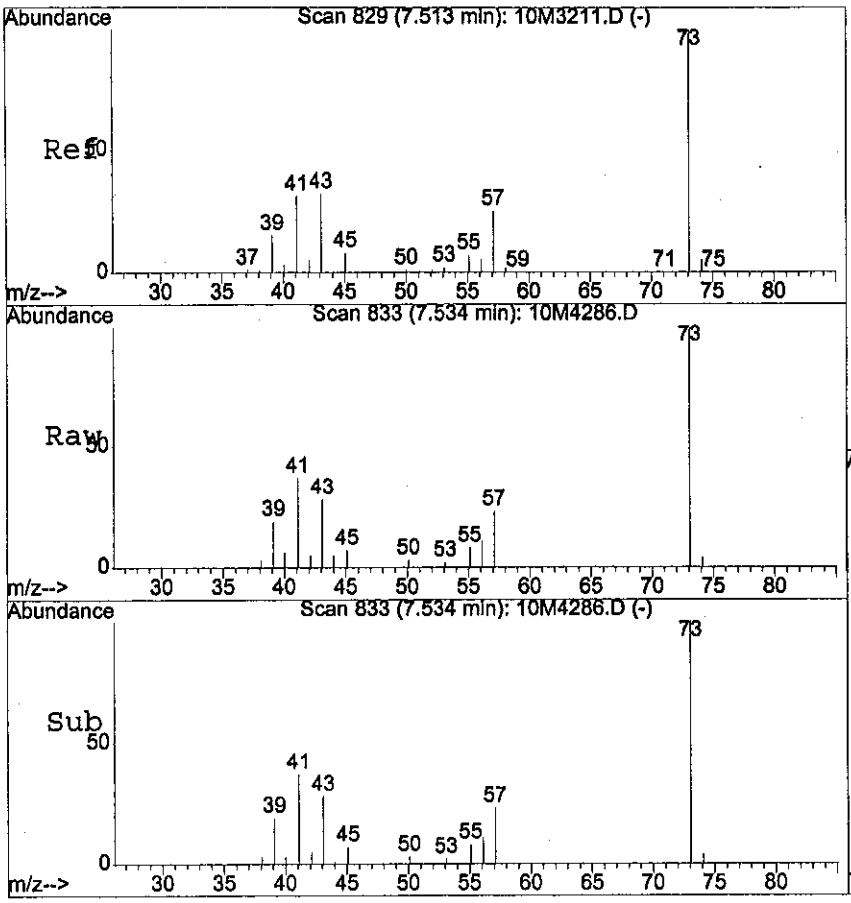


#16
Carbon Disulfide
Concen: 0.23 ug/L
RT: 7.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 76 Resp: 10514

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

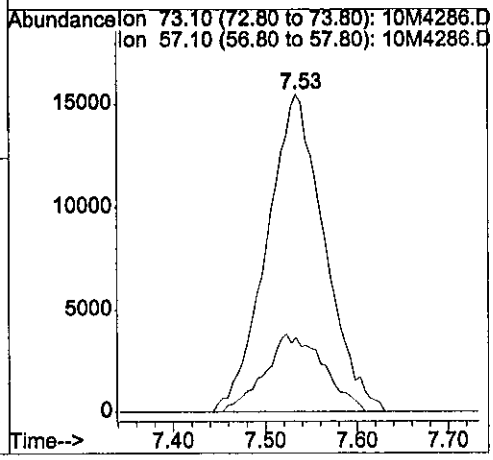


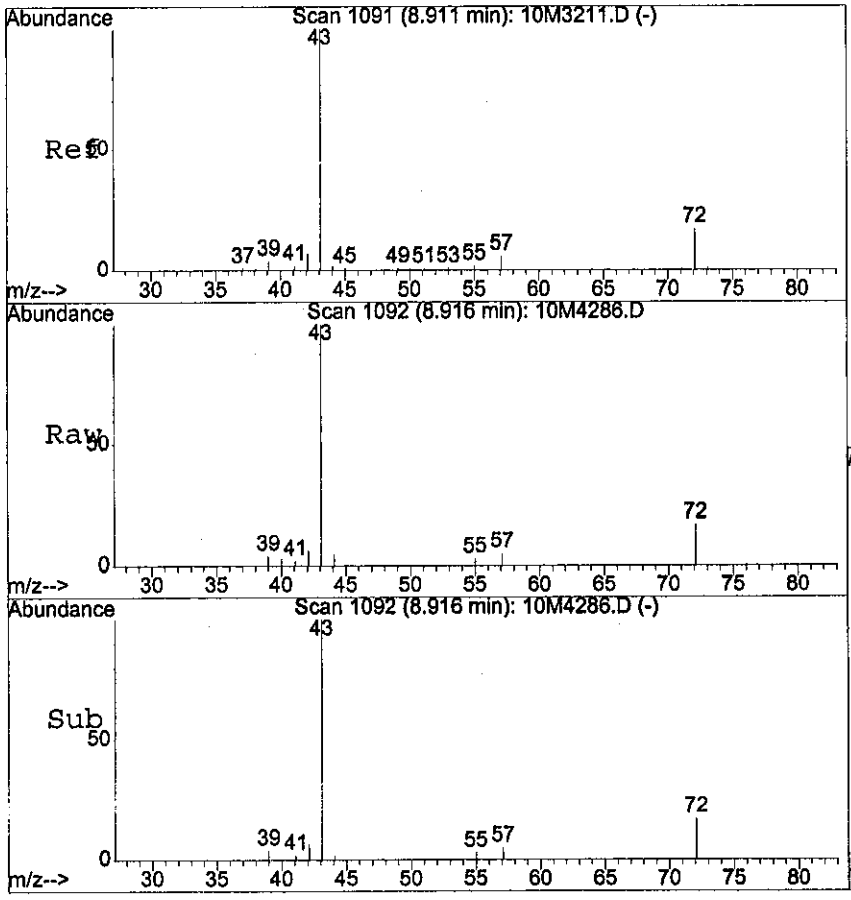


#18
Methyl Tert Butyl Ether
Concen: 2.21 ug/L
RT: 7.53 min Scan# 833
Delta R.T. 0.01 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 73 Resp: 67885

Ion	Ratio	Lower	Upper
73	100		
57	25.0	23.0	34.4

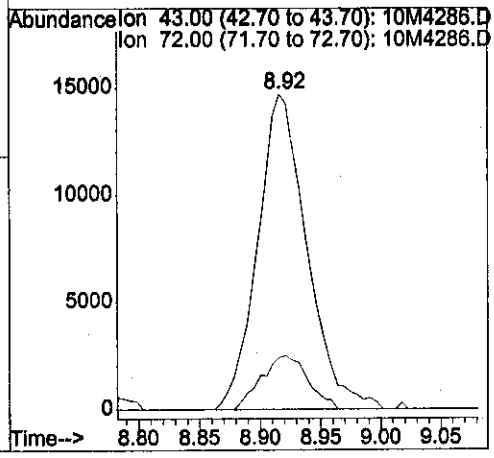


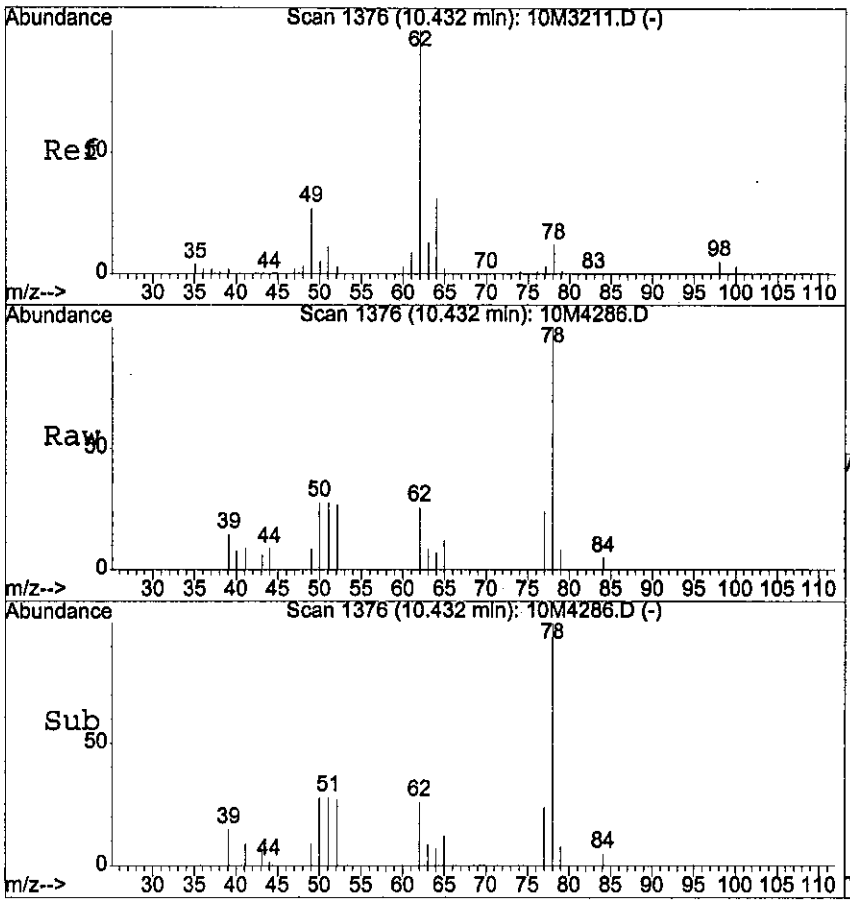


#23
2-Butanone
Concen: 10.77 ug/L
RT: 8.92 min Scan# 1092
Delta R.T. -0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 43 Resp: 41557

Ion	Ratio	Lower	Upper
43	100		
72	16.1	14.4	21.6

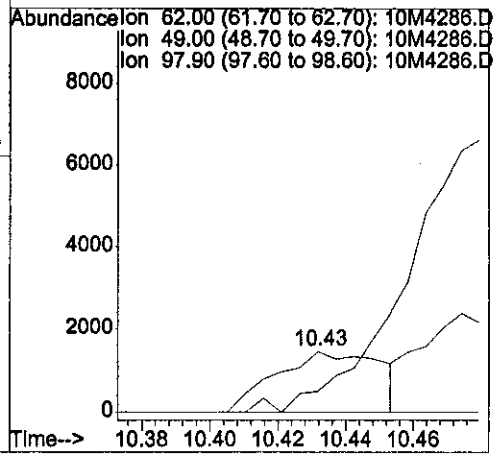


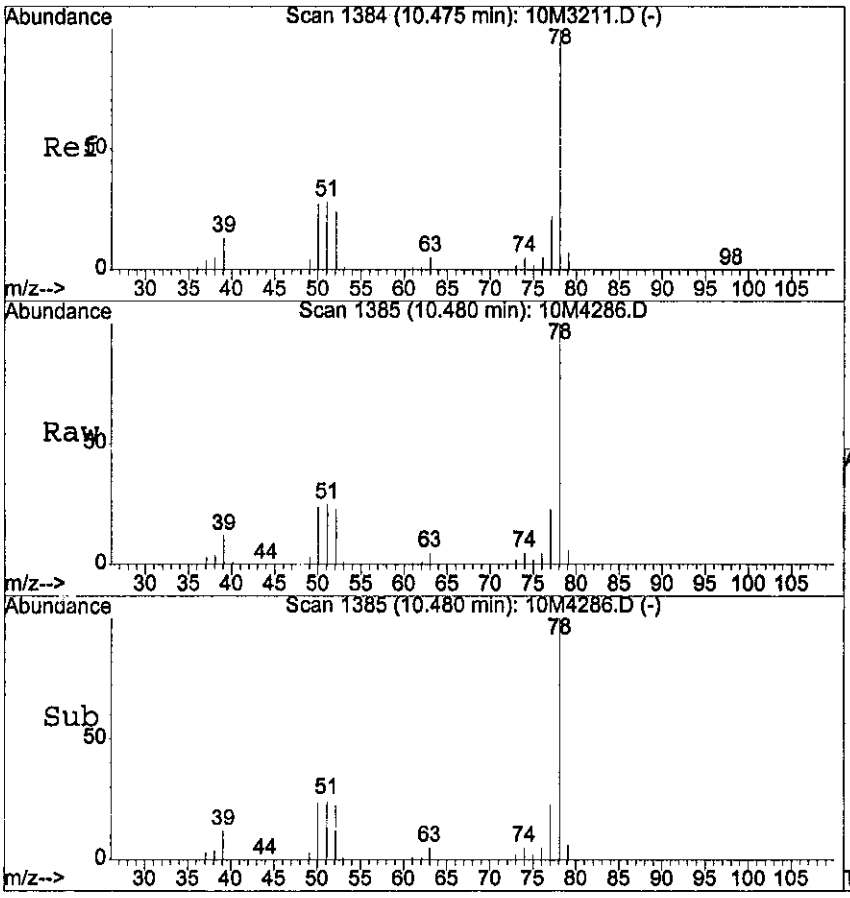


#34
1,2-Dichloroethane
Concen: 0.12 ug/L
RT: 10.43 min Scan# 1376
Delta R.T. -0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 62 Resp: 3130

Ion	Ratio	Lower	Upper
62	100		
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

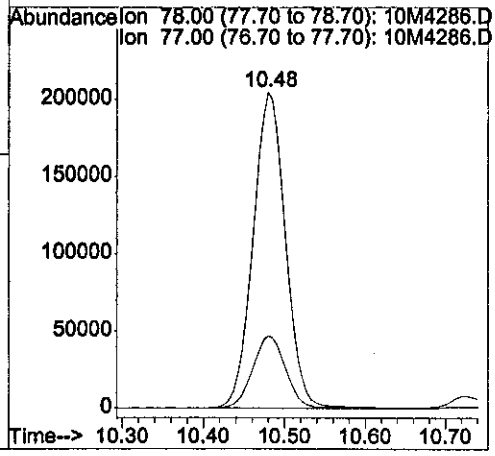


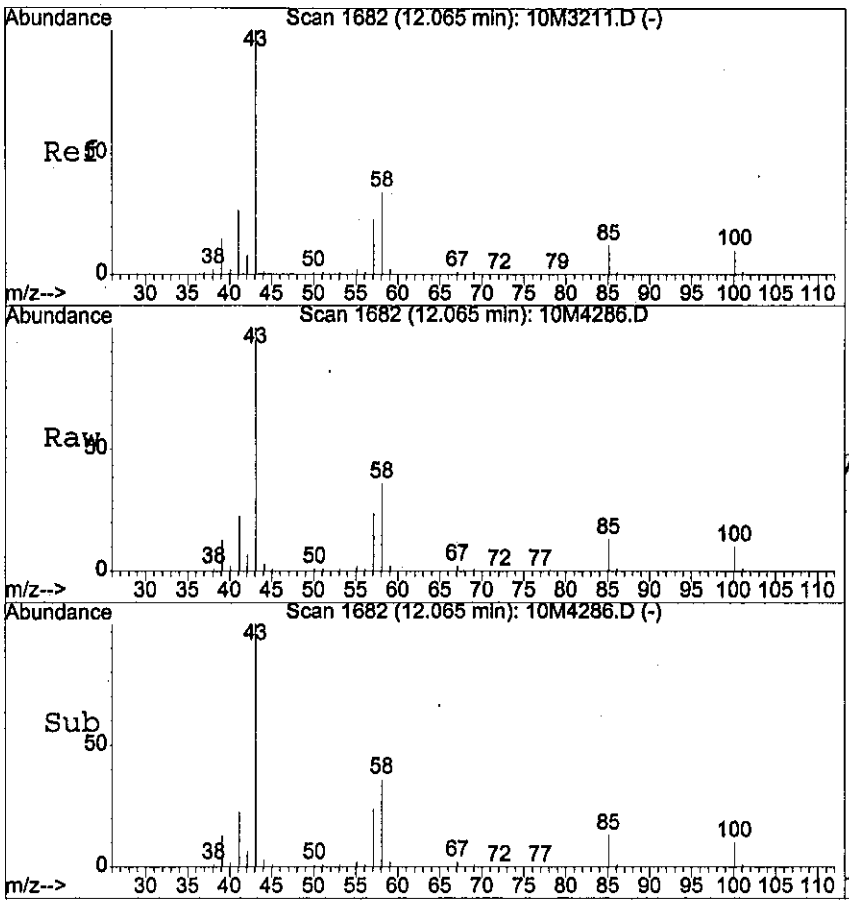


#35
Benzene
Concen: 9.10 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 78 Resp: 570959

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

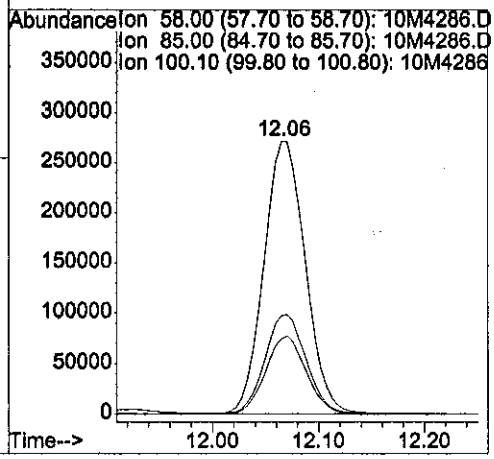


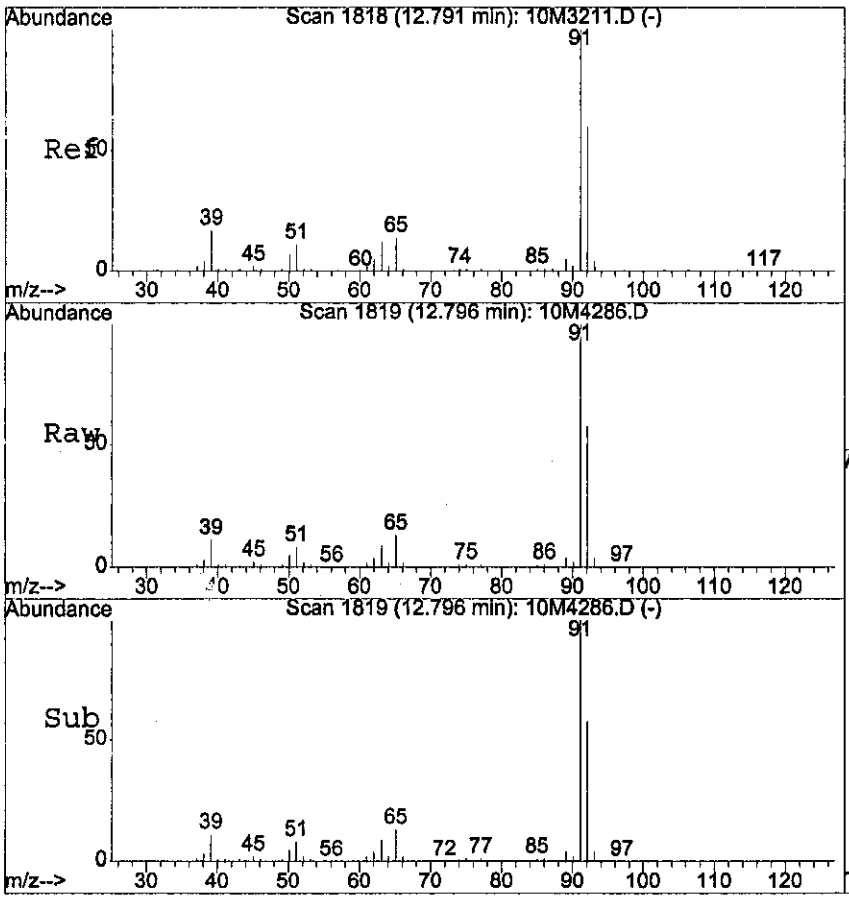


#41
4-Methyl-2-Pentanone
Concen: 235.73 ug/L
RT: 12.06 min Scan# 1682
Delta R.T. -0.01 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 58 Resp: 737429

Ion	Ratio	Lower	Upper
58	100		
85	36.1	28.6	42.8
100	27.9	27.3	40.9

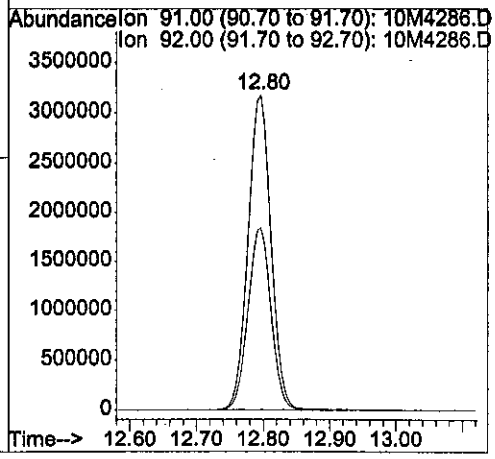


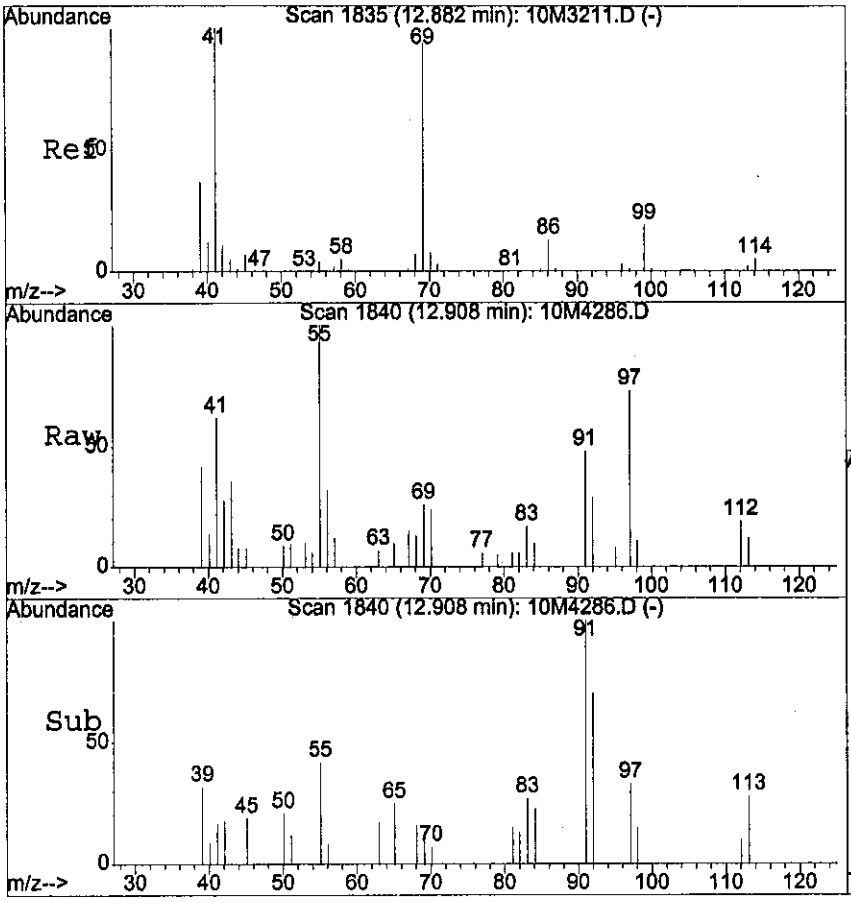


#46
Toluene
Concen: 115.93 ug/L
RT: 12.80 min Scan# 1819
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 91 Resp: 7617149

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.3	70.9

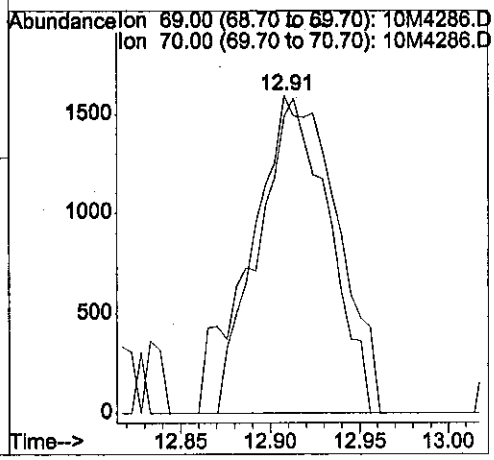


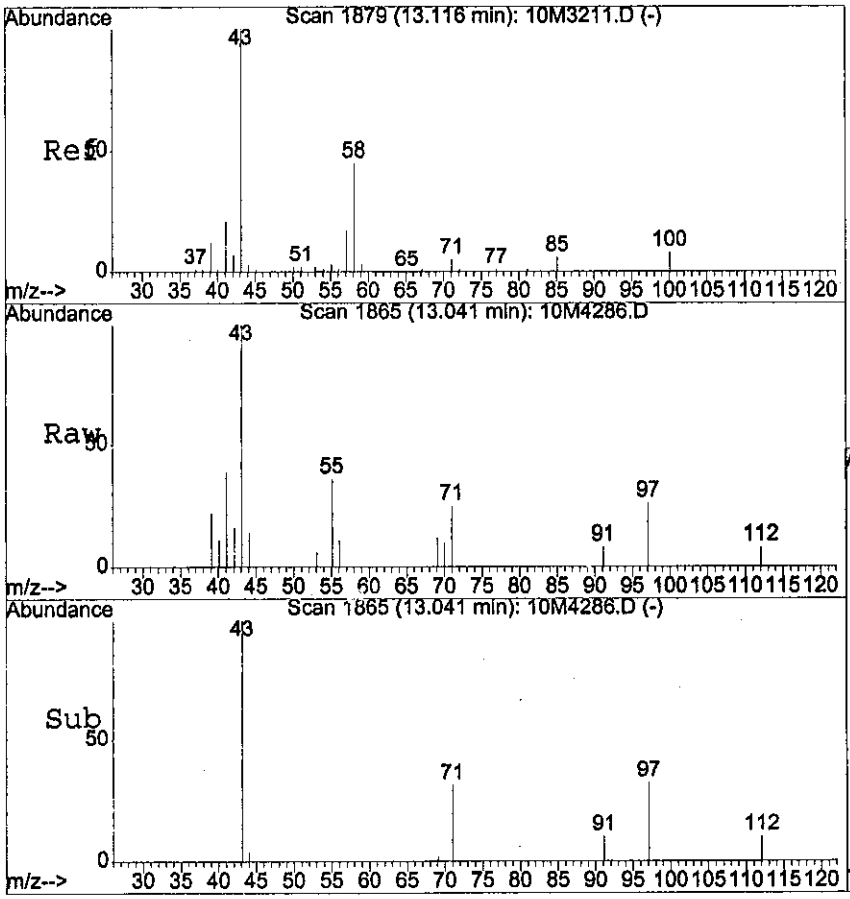


#47
Ethyl Methacrylate
Concen: 0.39 ug/L
RT: 12.91 min Scan# 1840
Delta R.T. 0.02 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 69 Resp: 5033

Ion	Ratio	Lower	Upper
69	100		
70	93.2	6.3	9.5#

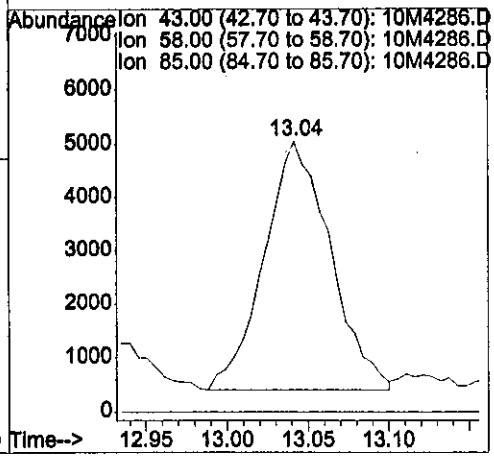


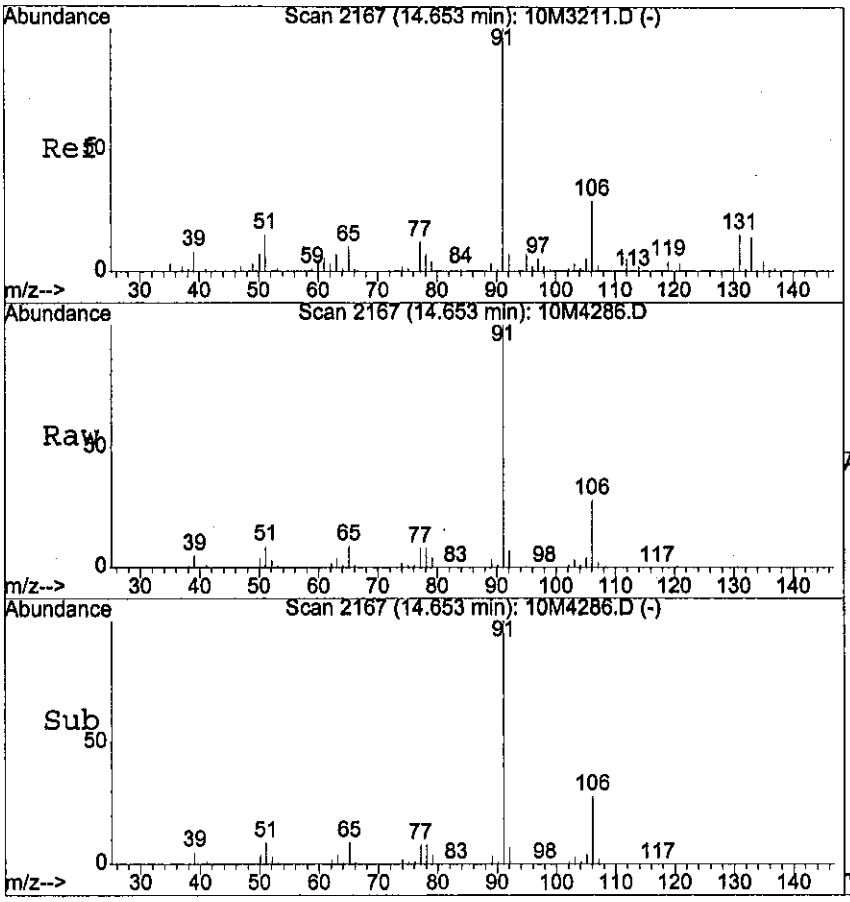


#50
2-Hexanone
Concen: 2.16 ug/L
RT: 13.04 min Scan# 1865
Delta R.T. -0.08 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 43 Resp: 13212

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
85	0.0	4.7	7.1#

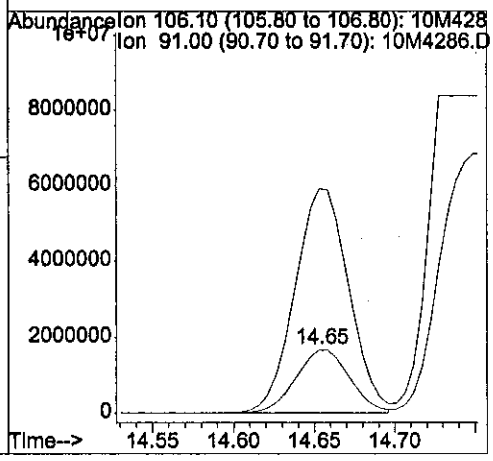


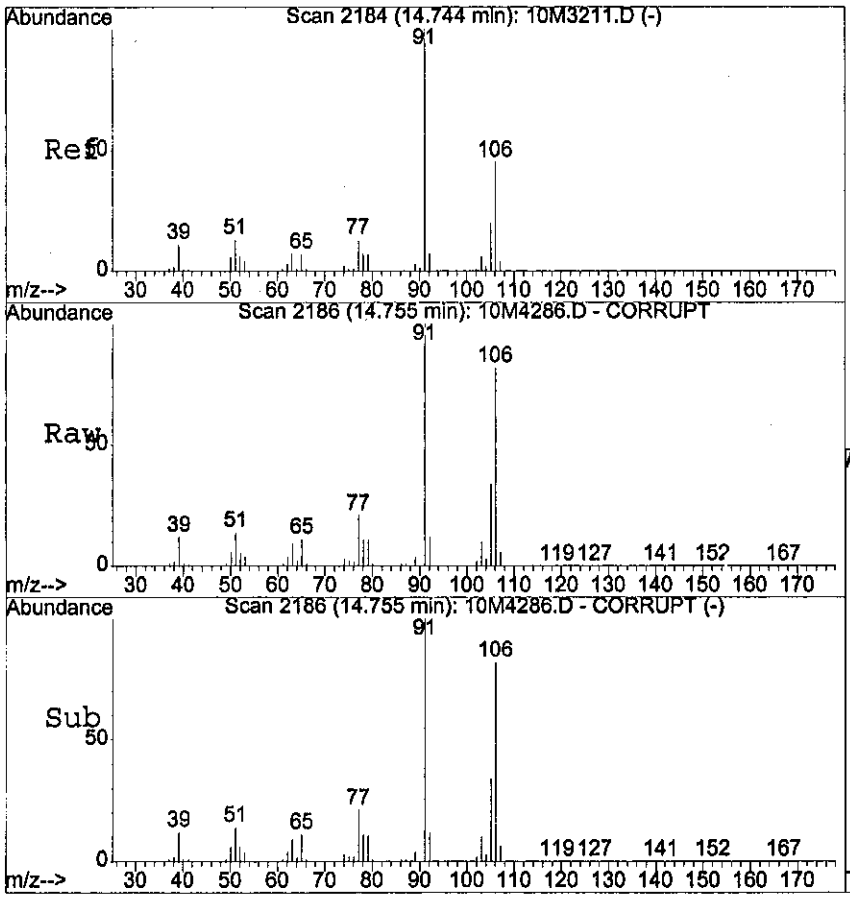


#58
Ethylbenzene
Concen: 163.90 ug/L
RT: 14.65 min Scan# 2167
Delta R.T. -0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:106 Resp: 3885303

Ion	Ratio	Lower	Upper
106	100		
91	354.3	251.4	377.2

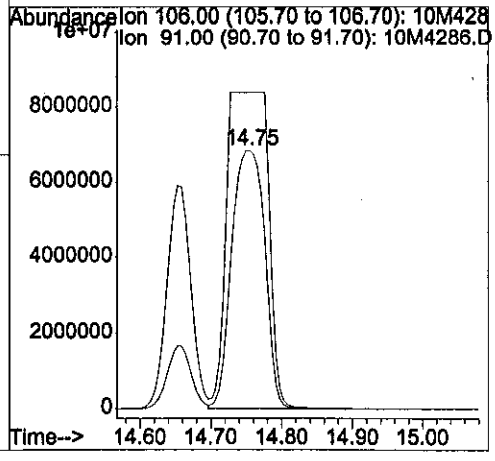


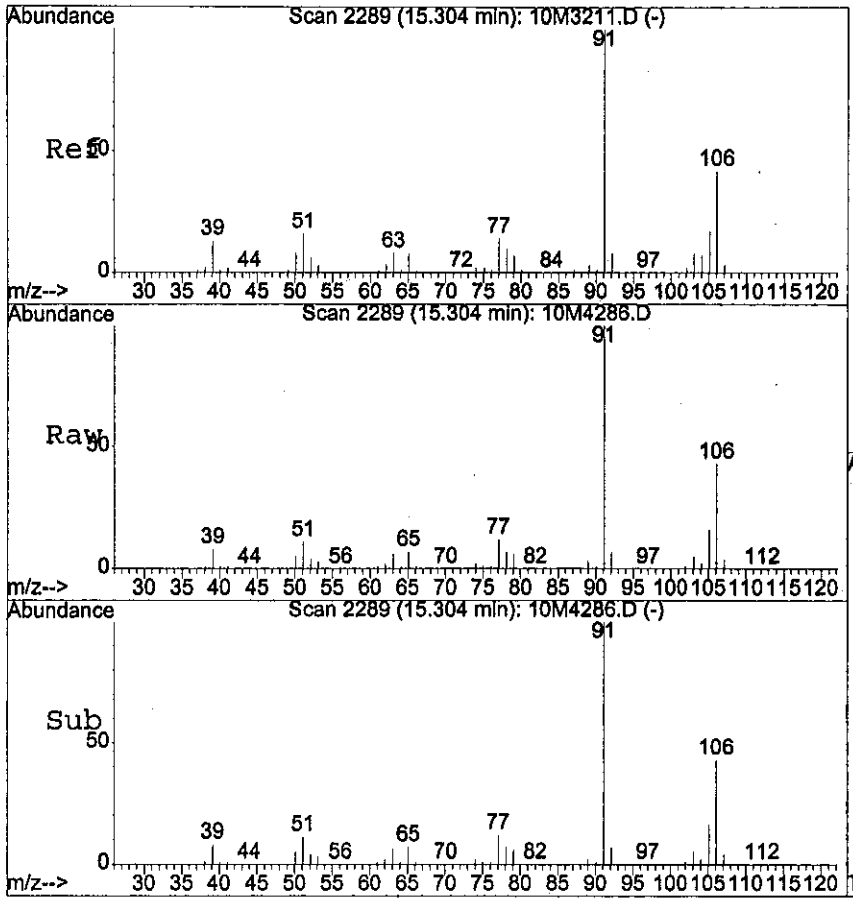


#59
m-,p-Xylene
Concen: 756.84 ug/L
RT: 14.75 min Scan# 2186
Delta R.T. 0.01 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:106 Resp:22175000

Ion	Ratio	Lower	Upper
106	100		
91	0.0	153.8	230.6#

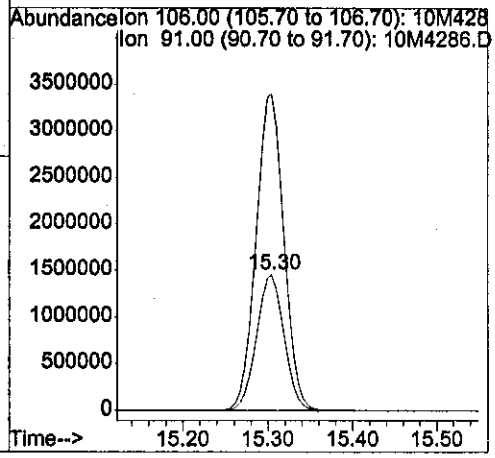


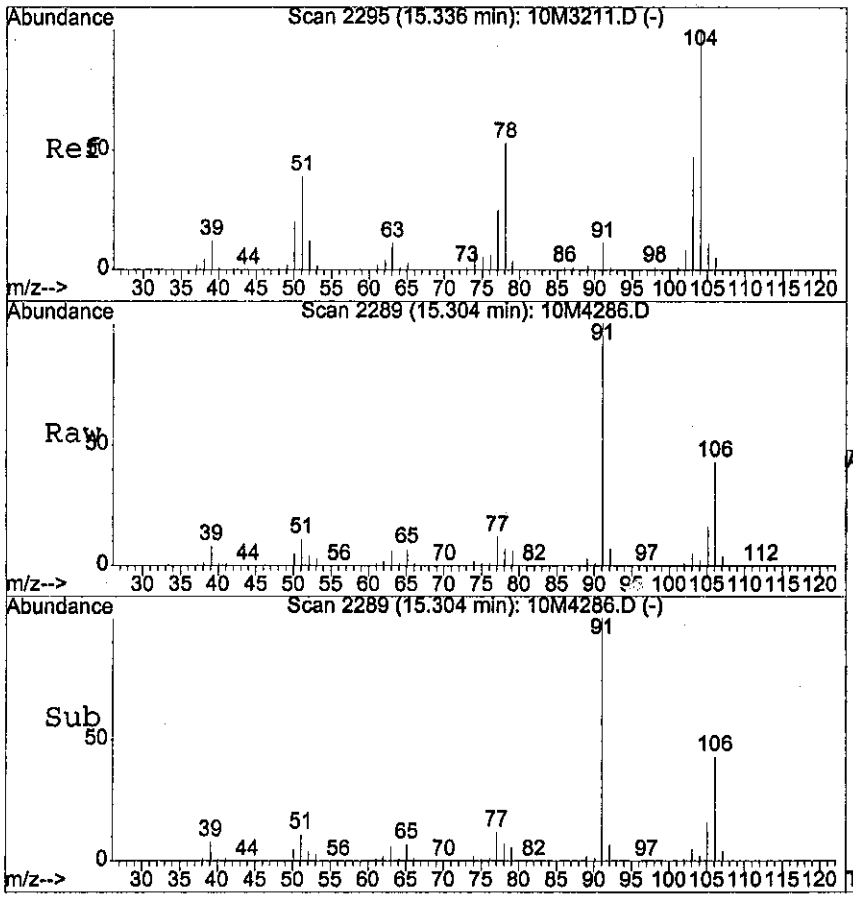


#60
o-Xylene
Concen: 113.52 ug/L
RT: 15.30 min Scan# 2289
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:106 Resp: 3284154

Ion	Ratio	Lower	Upper
106	100		
91	235.5	163.8	245.8

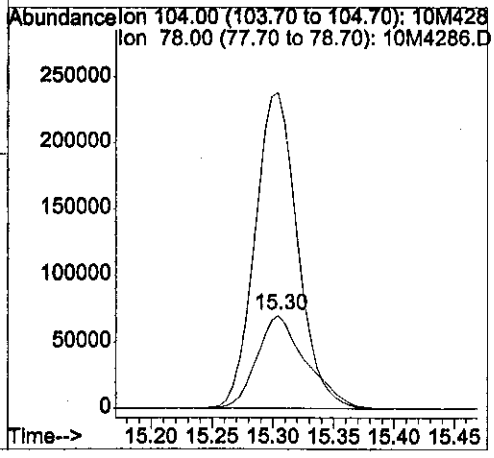


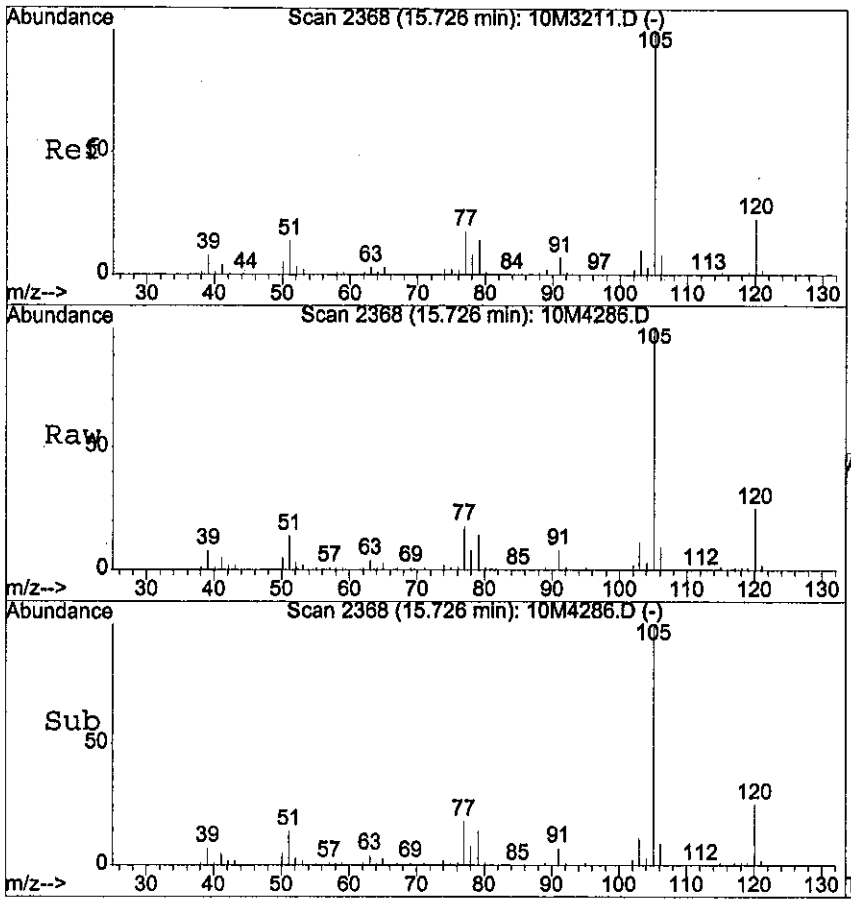


#61
Styrene
Concen: 4.35 ug/L
RT: 15.30 min Scan# 2289
Delta R.T. -0.03 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:104 Resp: 197591

Ion	Ratio	Lower	Upper
104	100		
78	294.4	38.4	57.6#

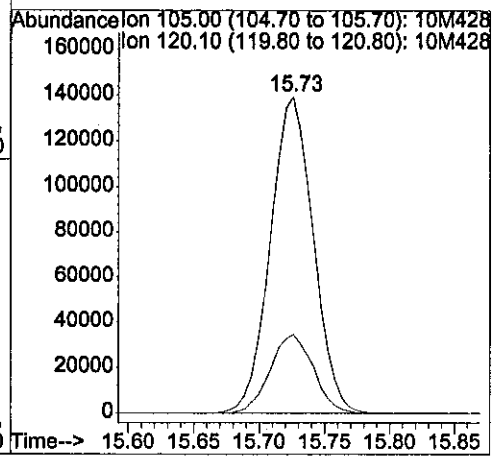


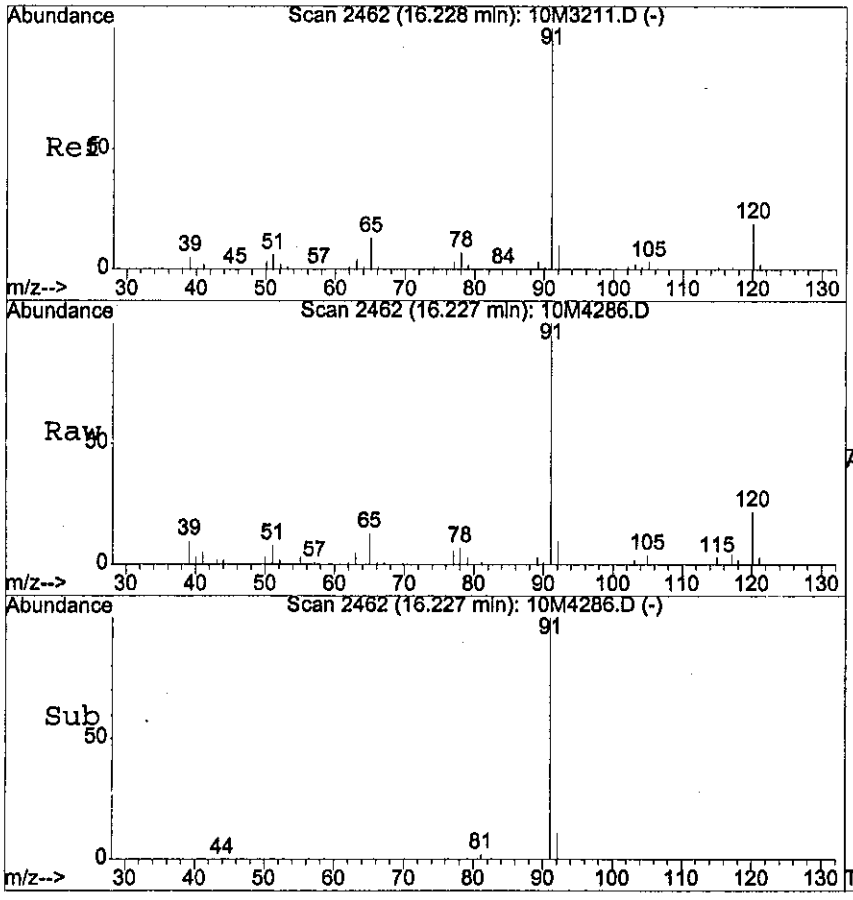


#63
Isopropylbenzene
Concen: 4.01 ug/L
RT: 15.73 min Scan# 2368
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:105 Resp: 318723

Ion	Ratio	Lower	Upper
105	100		
120	24.8	22.2	33.4

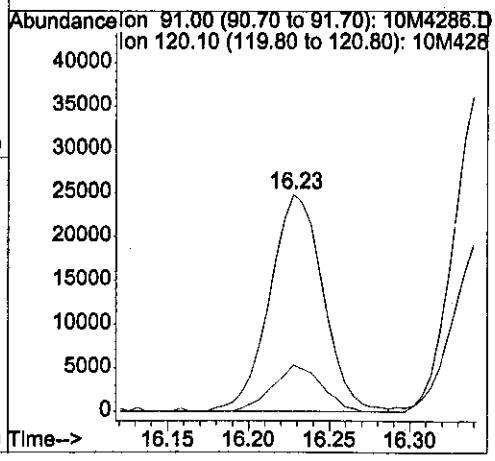


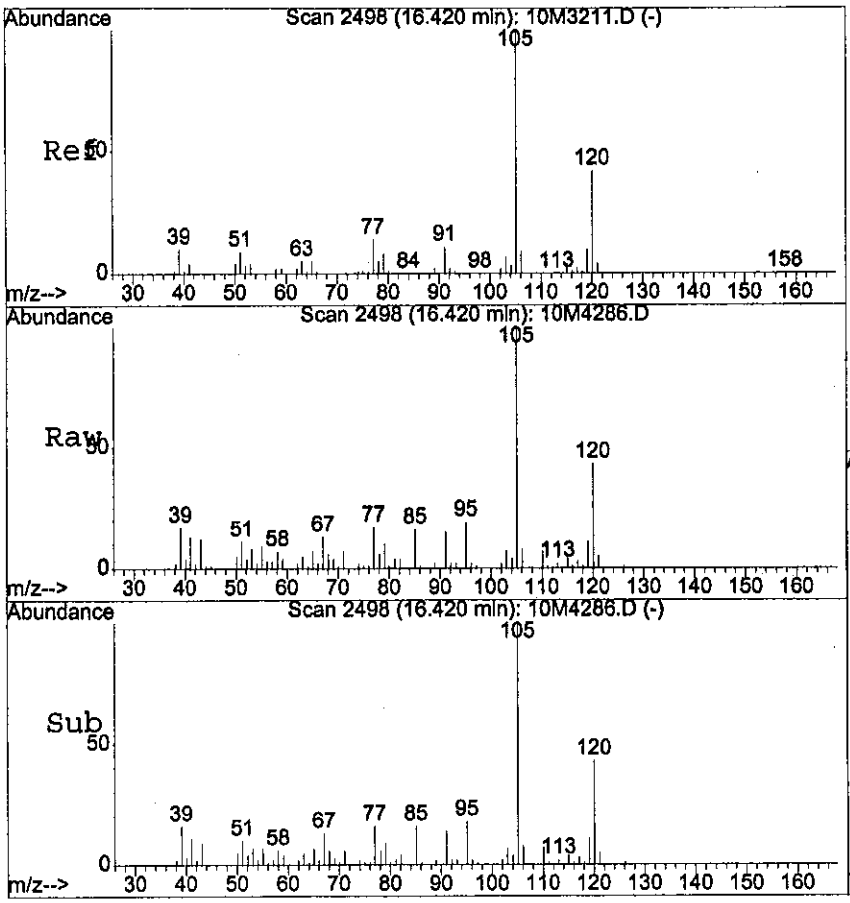


#69
n-Propylbenzene
Concen: 0.65 ug/L
RT: 16.23 min Scan# 2462
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 91 Resp: 57148

Ion	Ratio	Lower	Upper
91	100		
120	19.5	19.0	28.6

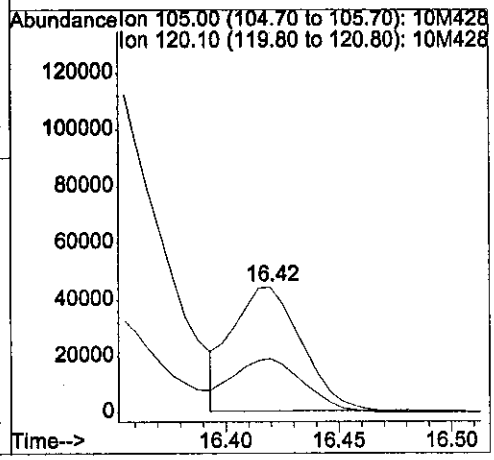


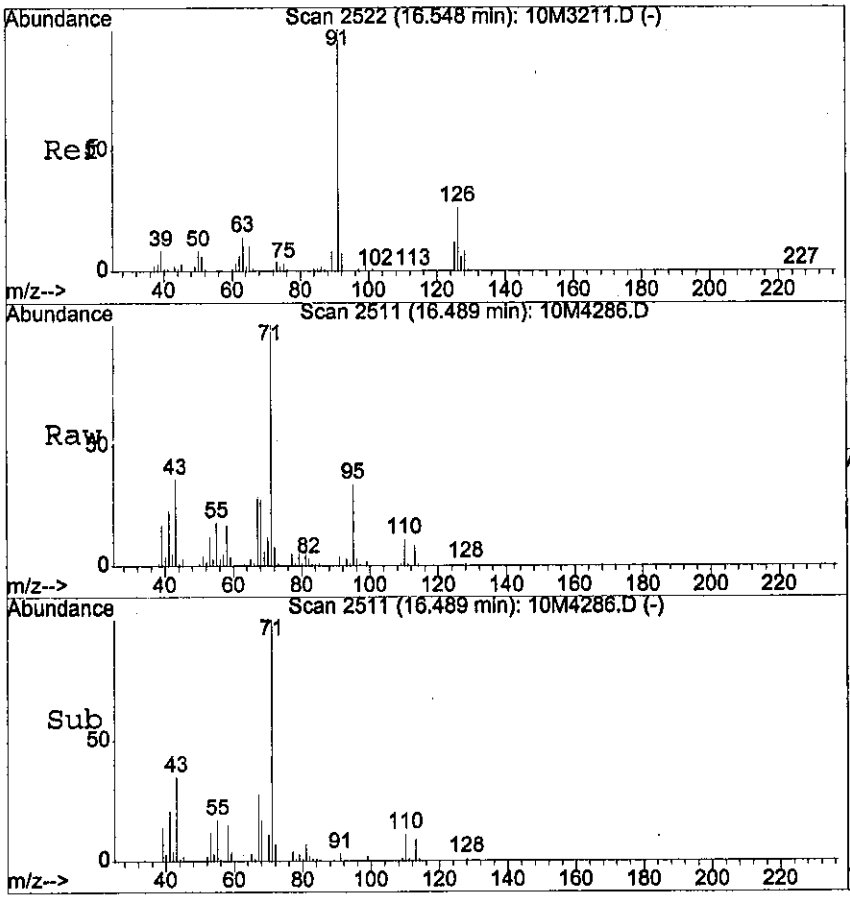


#71
1,3,5-Trimethylbenzene
Concen: 1.60 ug/L
RT: 16.42 min Scan# 2498
Delta R.T. -0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:105 Resp: 93748

Ion	Ratio	Lower	Upper
105	100		
120	44.3	41.4	62.2

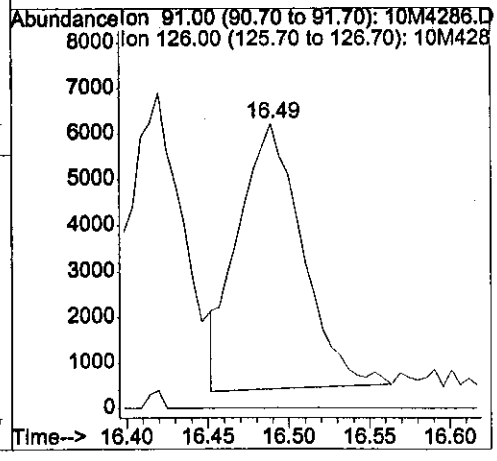


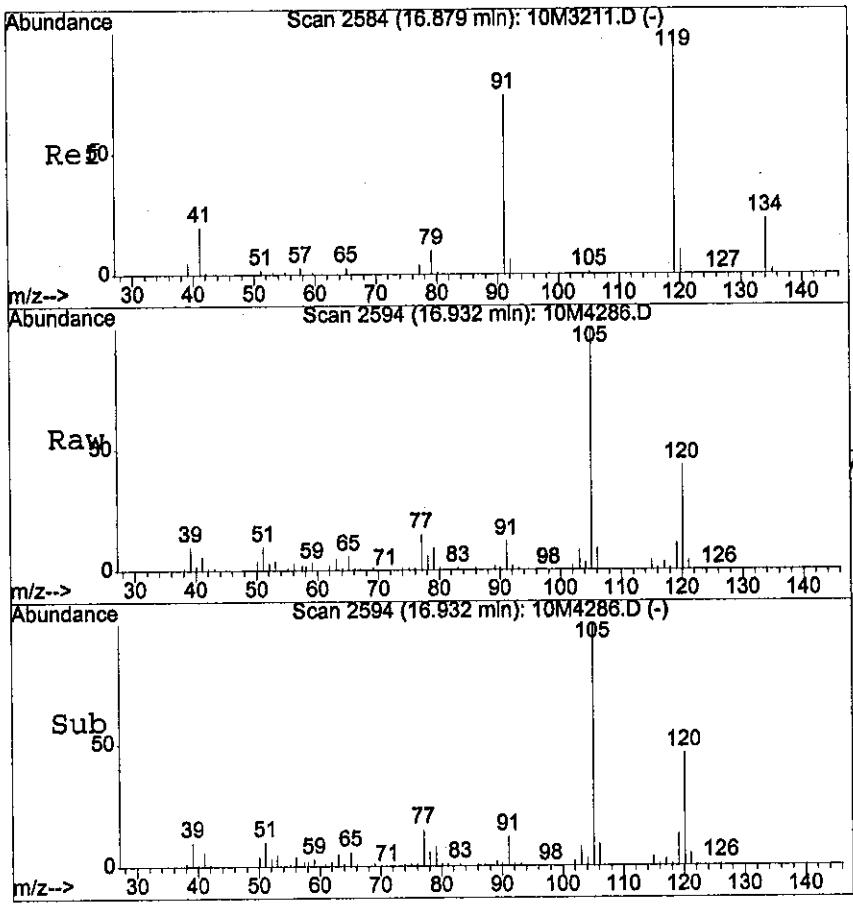


#73
4-Chlorotoluene
Concen: 0.26 ug/L
RT: 16.49 min Scan# 2511
Delta R.T. -0.06 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion: 91 Resp: 16048

Ion	Ratio	Lower	Upper
91	100		
126	0.0	27.0	40.6#

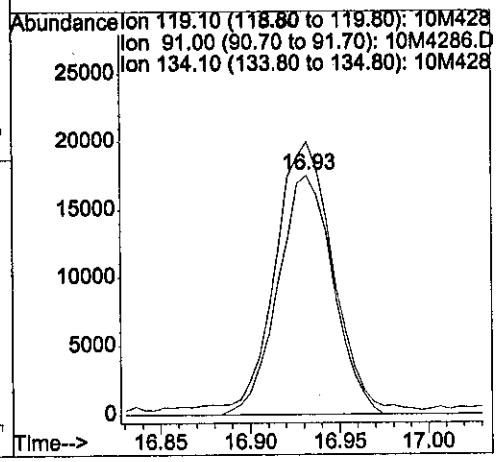


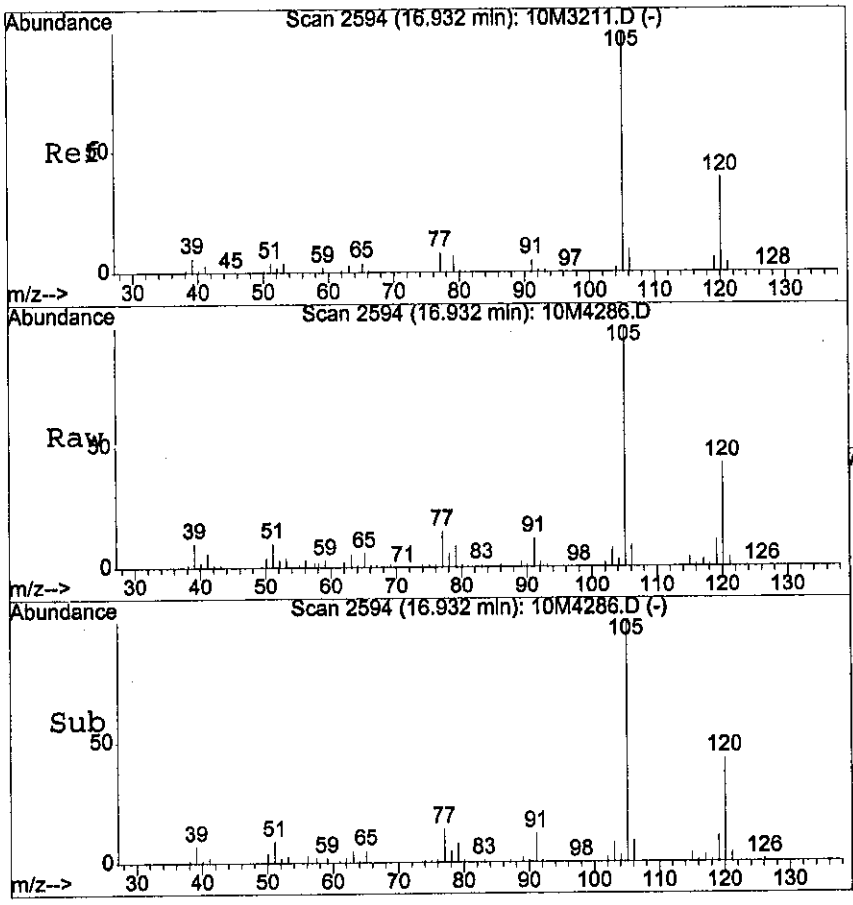


#75
tert-Butylbenzene
Concen: 0.72 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. 0.05 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:119 Resp: 37556

Ion	Ratio	Lower	Upper
119	100		
91	116.8	38.6	57.8#
134	0.0	18.9	28.3#

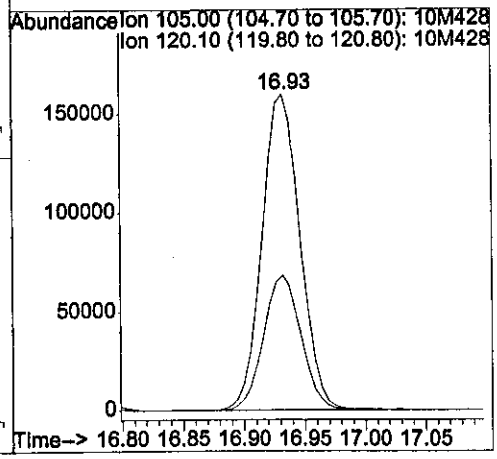


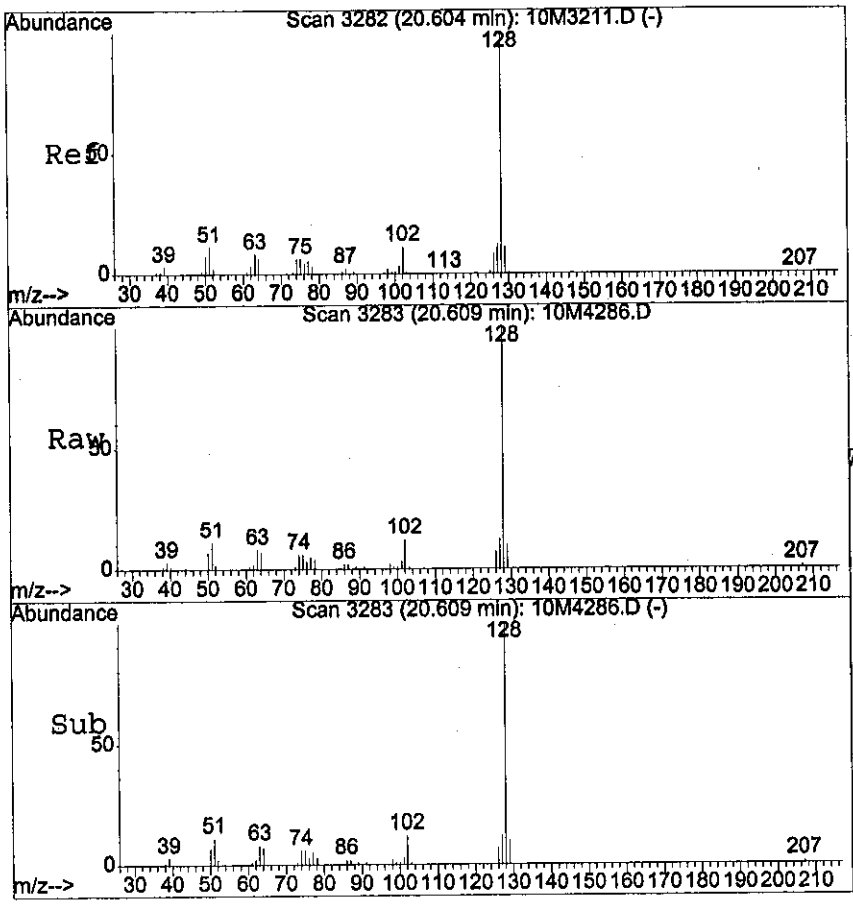


#76
1,2,4-Trimethylbenzene
Concen: 5.29 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. -0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:105 Resp: 347936

Ion	Ratio	Lower	Upper
105	100		
120	42.2	39.0	58.6

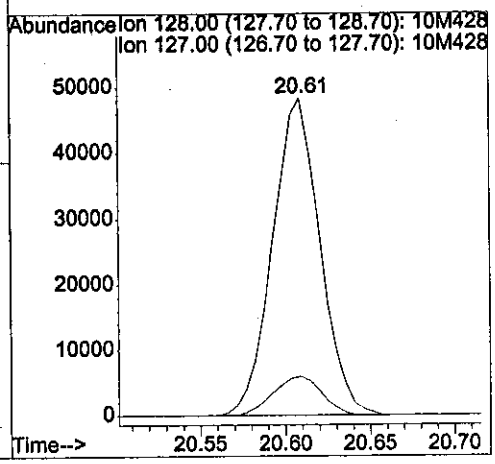




#86
Naphthalene
Concen: 3.42 ug/L
RT: 20.61 min Scan# 3283
Delta R.T. 0.00 min
Lab File: 10M4286.D
Acq: 20 Jun 2000 20:04

Tgt Ion:128 Resp: 93846

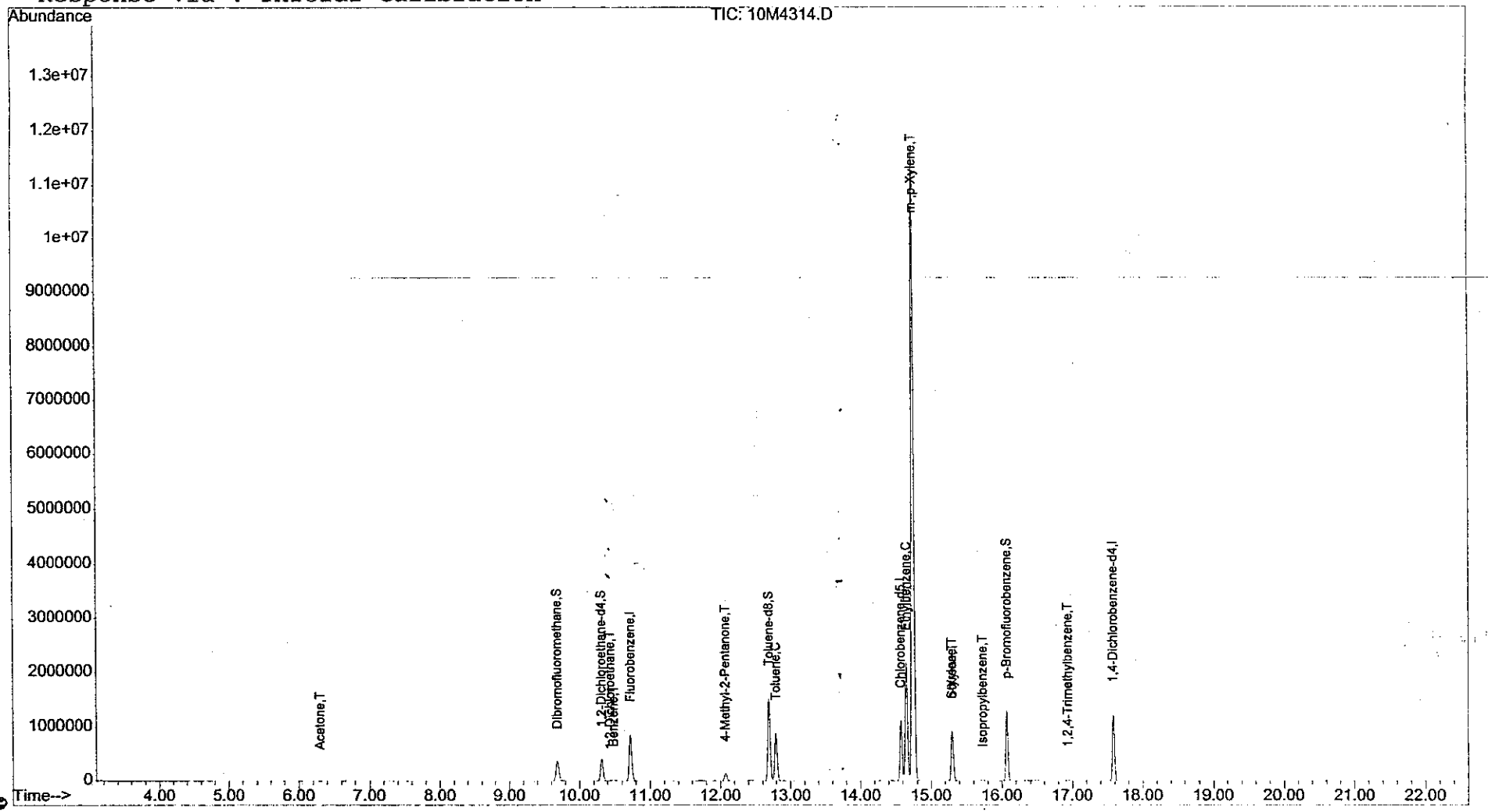
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4314.D Vial: 6
Acq On : 21 Jun 2000 11:29 Operator: MES
Sample : L0006193-08 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:51 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



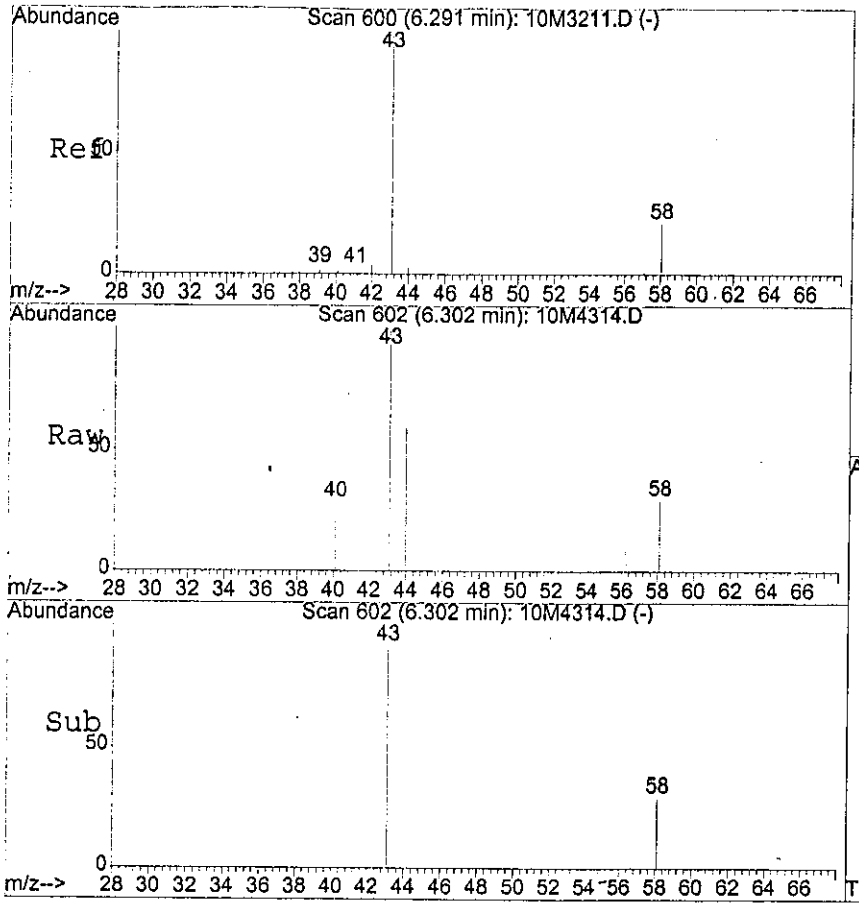
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4314.D Vial: 6
Acq On : 21 Jun 2000 11:29 Operator: MES
Sample : L0006193-08 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:51 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	949806	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	660531	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	351326	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.69	111	327294	24.33	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 97.32%			
33) 1,2-Dichloroethane-d4	10.32	65	430011	23.96	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 95.84%			
45) Toluene-d8	12.70	98	1246247	26.62	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.48%			
66) p-Bromofluorobenzene	16.07	95	526308	27.74	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.96%			
Target Compounds						Qvalue
11) Acetone	6.30	43	5307	22.36	ug/L #	46
16) Carbon Disulfide	7.33	76	1774	0.43	ug/L #	74
18) Methyl Tert Butyl Ether	7.53	73	3989	1.47	ug/L #	46
23) 2-Butanone	8.93	43	3142	9.25	ug/L #	59
34) 1,2-Dichloroethane	10.43	62	3171	1.40	ug/L #	29
35) Benzene	10.48	78	55687	10.08	ug/L	99
41) 4-Methyl-2-Pentanone	12.07	58	49168	178.46	ug/L #	92
46) Toluene	12.79	91	809098	145.41	ug/L	99
56) Chlorobenzene	14.63	112	1945	0.51	ug/L #	43
58) Ethylbenzene	14.65	106	582535	290.17	ug/L	80
59) m-,p-Xylene	14.74	106	4289311	1728.68	ug/L	79
60) o-Xylene	15.30	106	297798	121.55	ug/L	78
61) Styrene	15.31	104	18945	4.93	ug/L #	1
63) Isopropylbenzene	15.73	105	39521	5.87	ug/L	94
69) n-Propylbenzene	16.23	91	9451	1.28	ug/L #	52
71) 1,3,5-Trimethylbenzene	16.42	105	7568	1.52	ug/L	95
72) 2-Chlorotoluene	16.48	91	2522	0.50	ug/L #	37
73) 4-Chlorotoluene	16.48	91	2522	0.49	ug/L #	41
75) tert-Butylbenzene	16.94	119	3194	0.73	ug/L #	7
76) 1,2,4-Trimethylbenzene	16.93	105	29819	5.36	ug/L	88
86) Naphthalene	20.60	128	4166	1.79	ug/L #	68

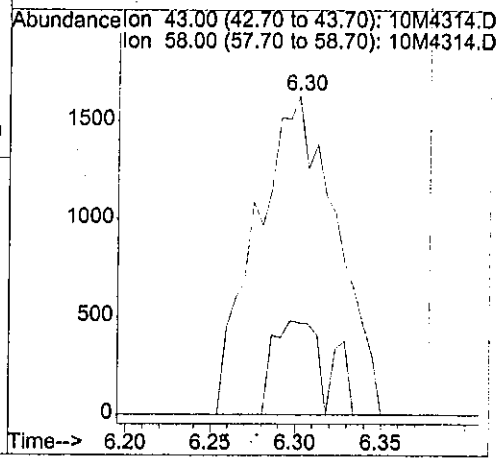
(#) = qualifier out of range (m) = manual integration

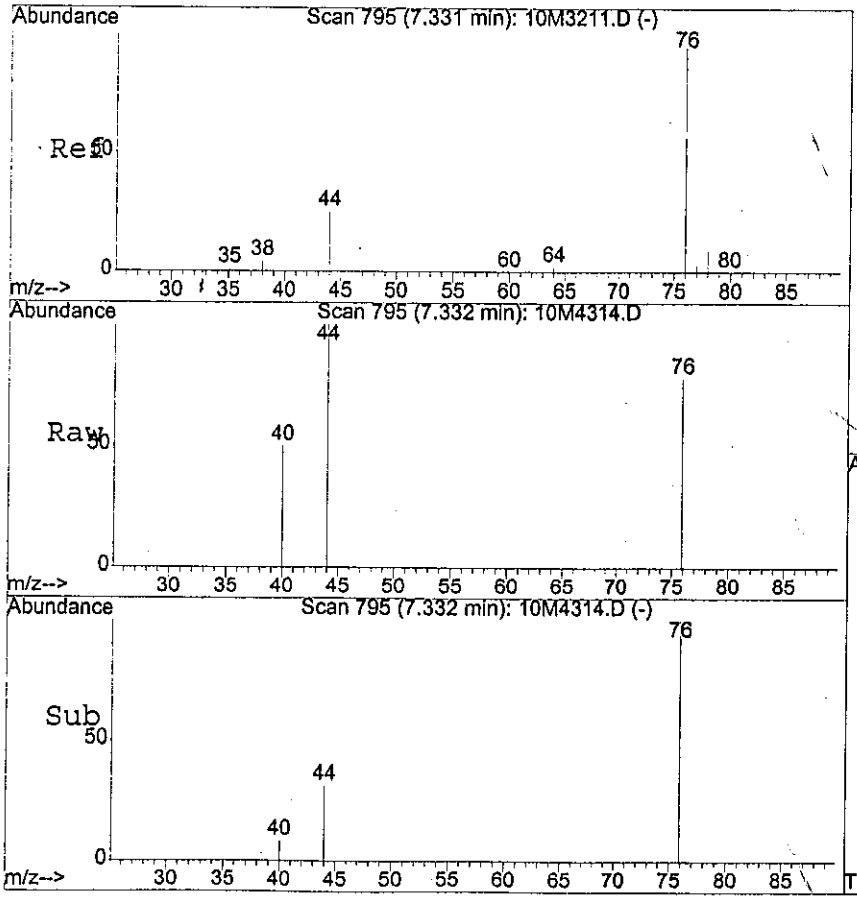


#11
Acetone
Concen: 22.36 ug/L
RT: 6.30 min Scan# 602
Delta R.T. -0.01 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 43 Resp: 5307

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	34.0#

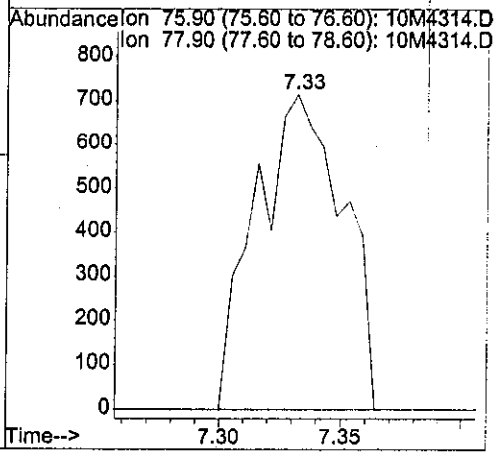


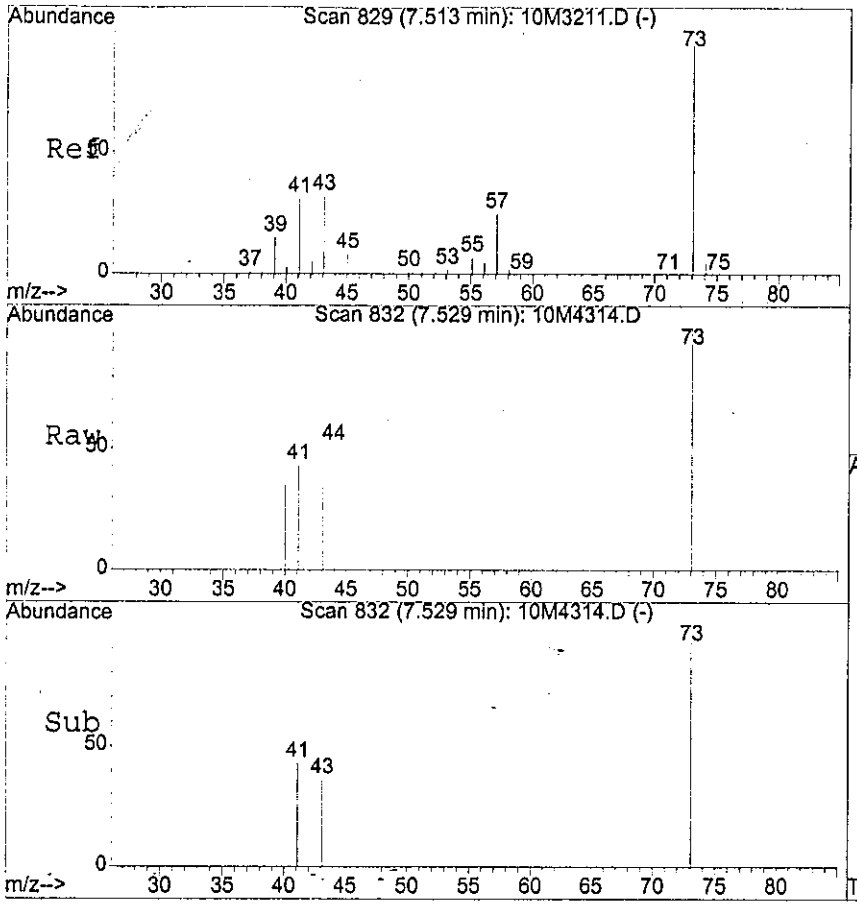


#16
Carbon Disulfide
Concen: 0.43 ug/L
RT: 7.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 76 Resp: 1774

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

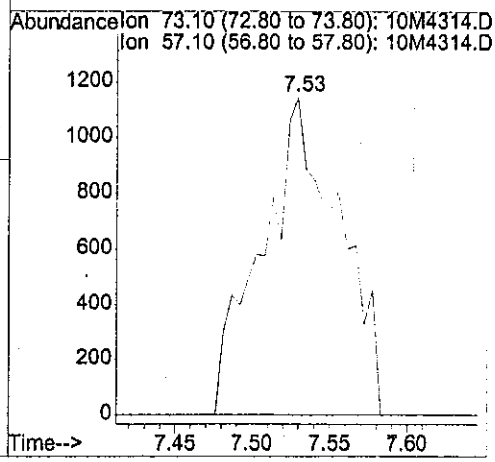


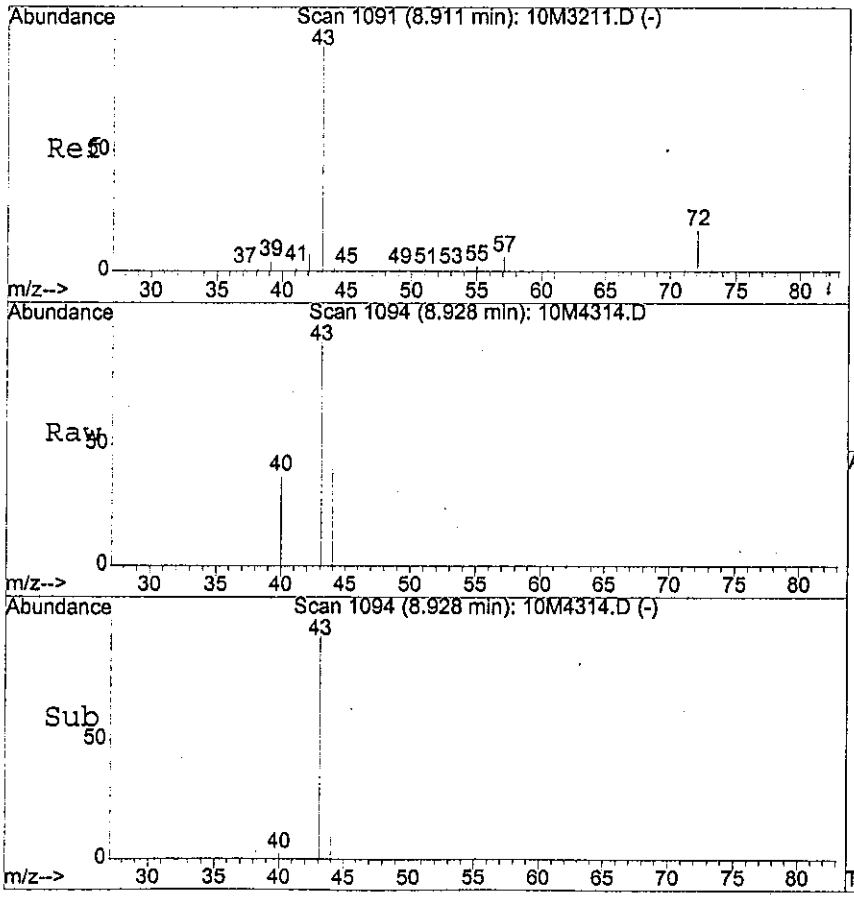


#18
Methyl Tert Butyl Ether
Concen: 1.47 ug/L
RT: 7.53 min Scan# 832
Delta R.T. 0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 73 Resp: 3989

Ion	Ratio	Lower	Upper
73	100		
57	0.0	23.0	34.4#

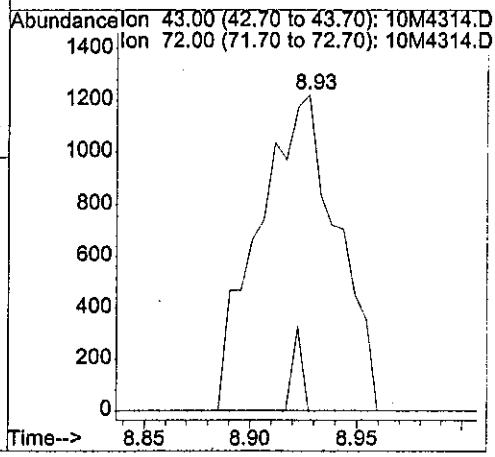


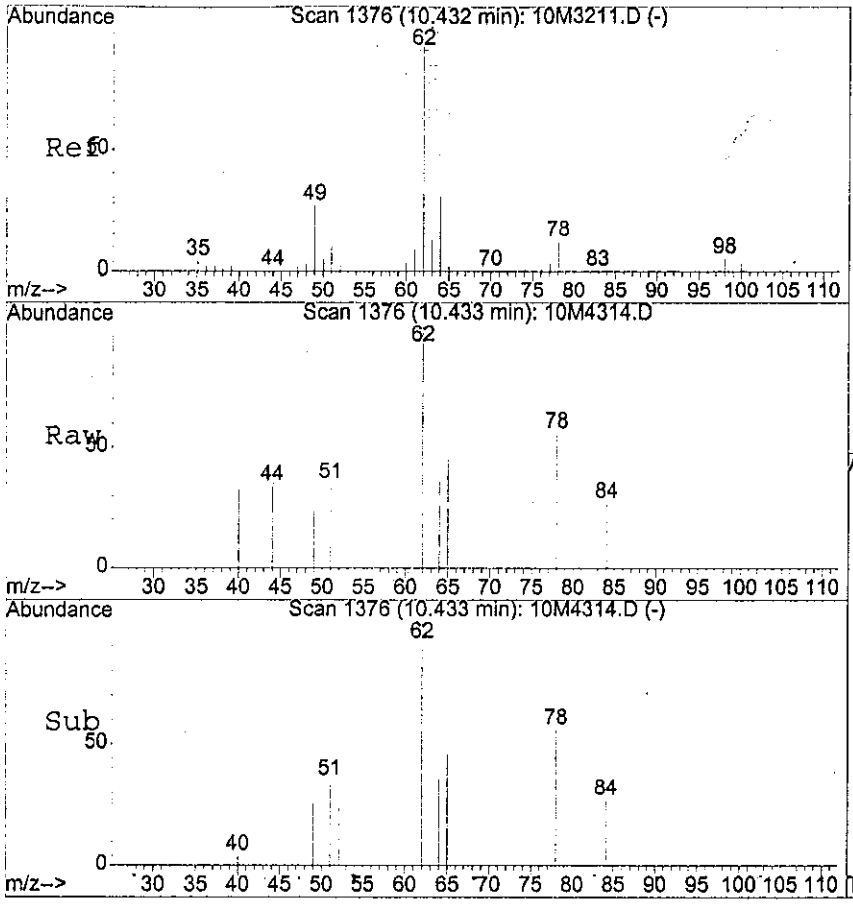


#23
2-Butanone
Concen: 9.25 ug/L
RT: 8.93 min Scan# 1094
Delta R.T. 0.01 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 43 Resp: 3142

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#

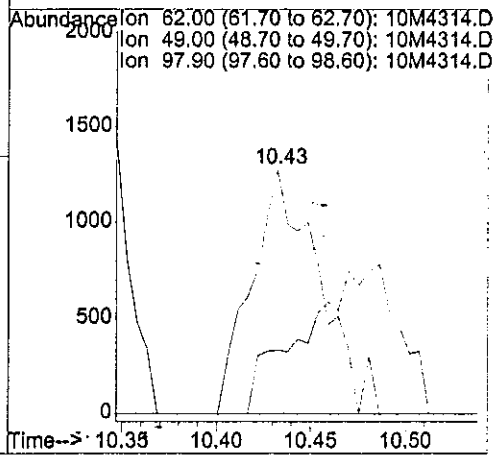


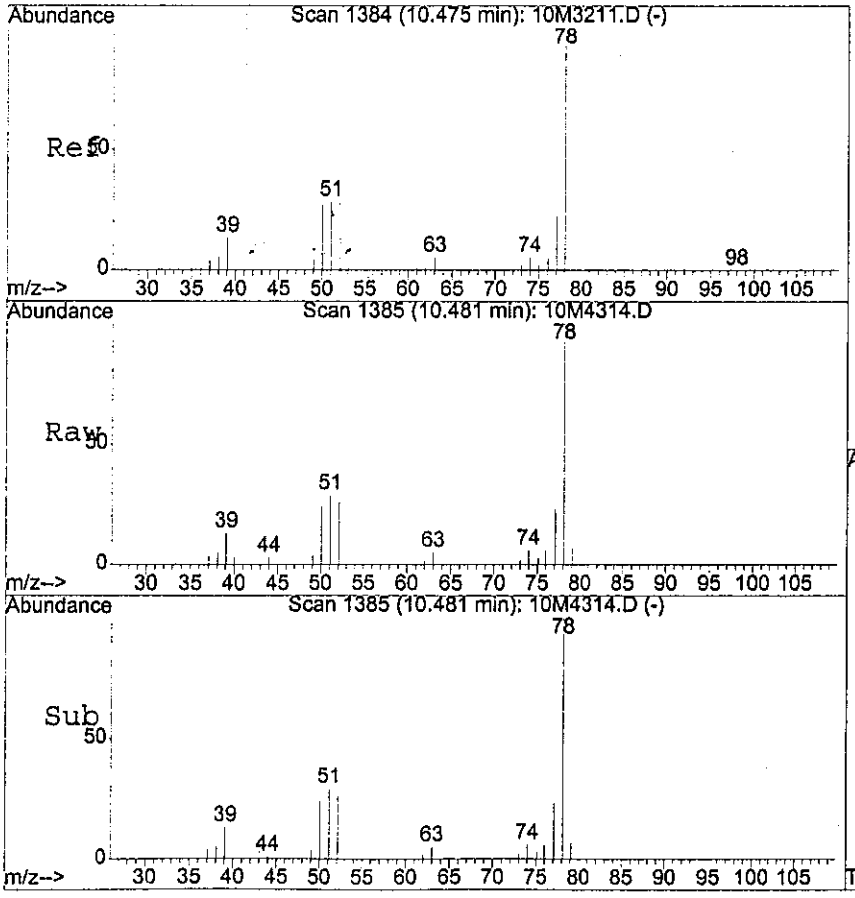


#34
1,2-Dichloroethane
Concen: 1.40 ug/L
RT: 10.43 min Scan# 1376
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 62 Resp: 3171

Ion	Ratio	Lower	Upper
62	100		
49	83.7	28.5	42.7#
98	0.0	6.2	9.4#

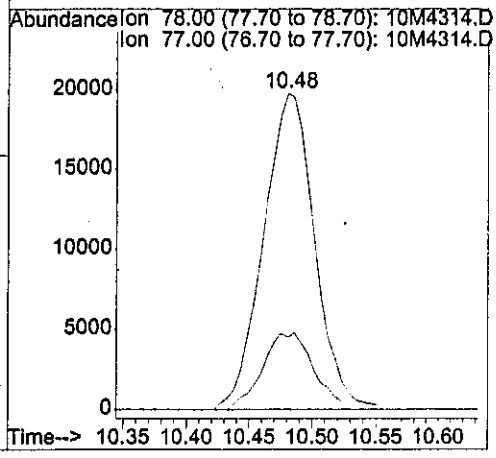


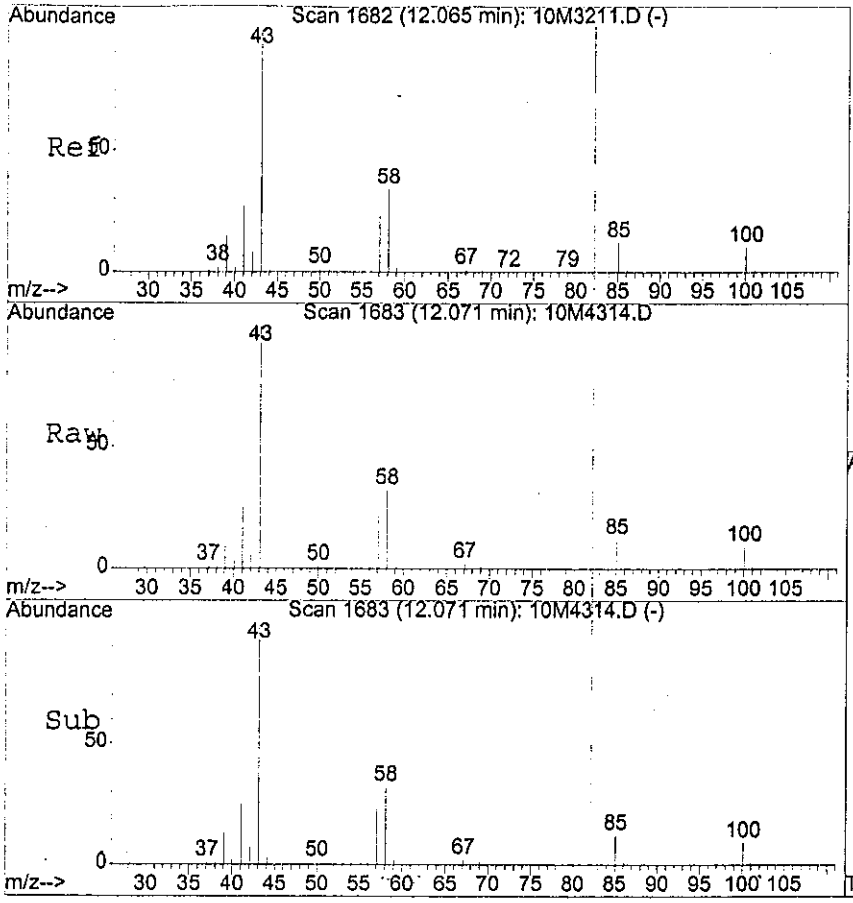


#35
Benzene
Concen: 10.08 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 78 Resp: 55687

Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.3	28.9

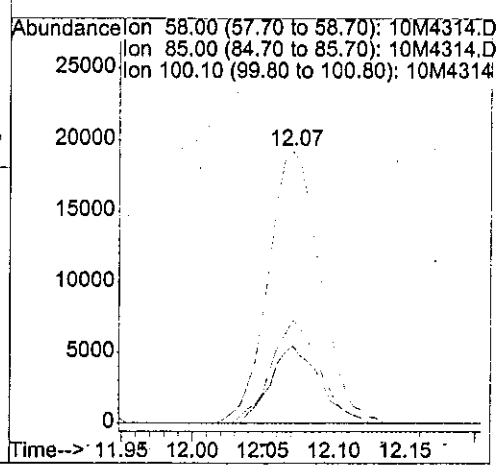


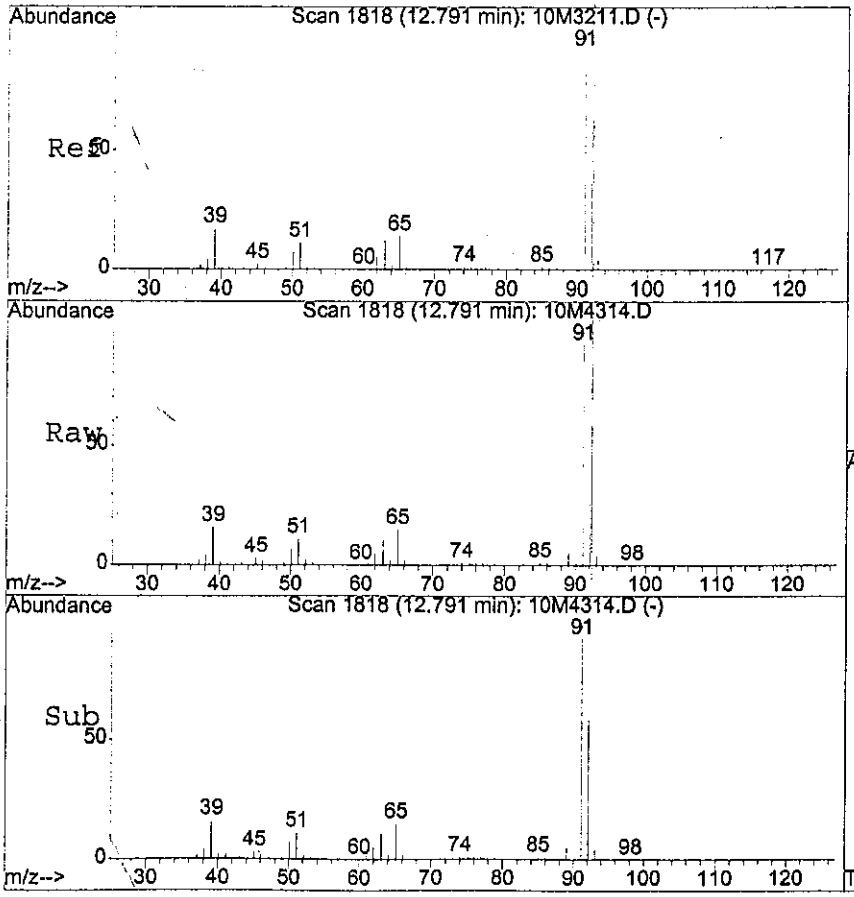


#41
4-Methyl-2-Pentanone
Concen: 178.46 ug/L
RT: 12.07 min Scan# 1683
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 58 Resp: 49168

Ion	Ratio	Lower	Upper
58	100		
85	34.8	28.6	42.8
100	26.0	27.3	40.9#

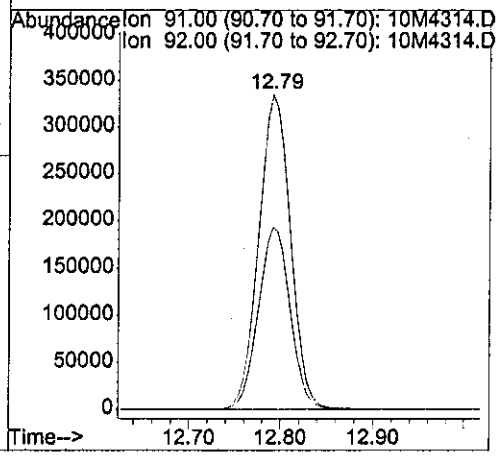


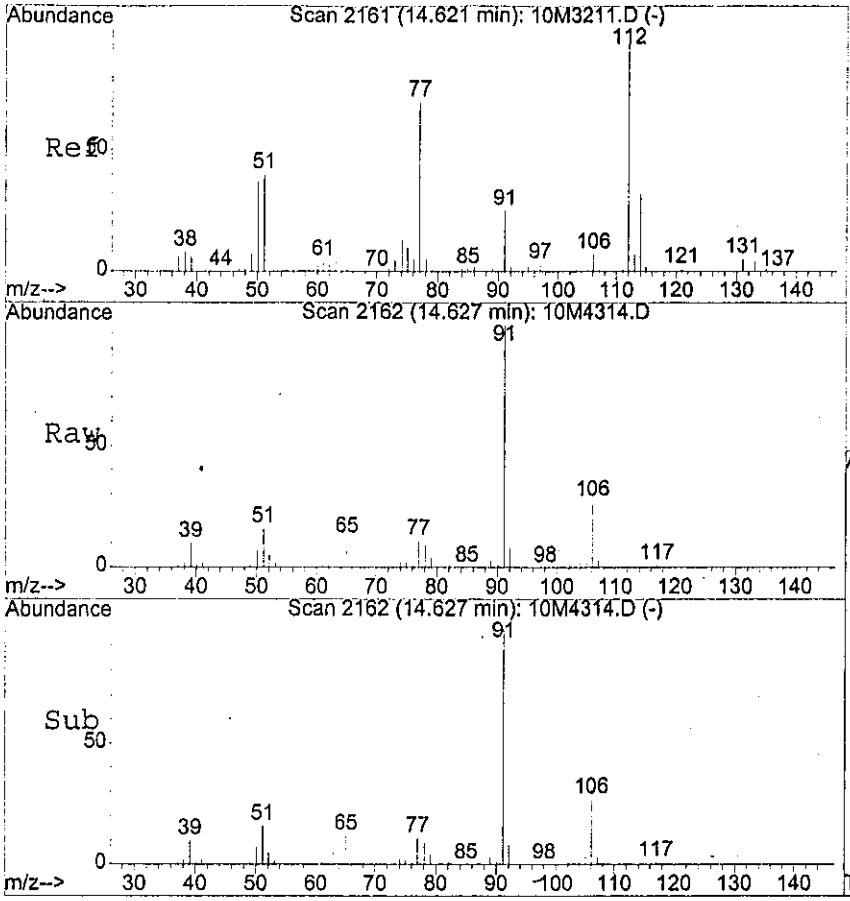


#46
Toluene
Concen: 145.41 ug/L
RT: 12.79 min Scan# 1818
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 91 Resp: 809098

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.3	70.9

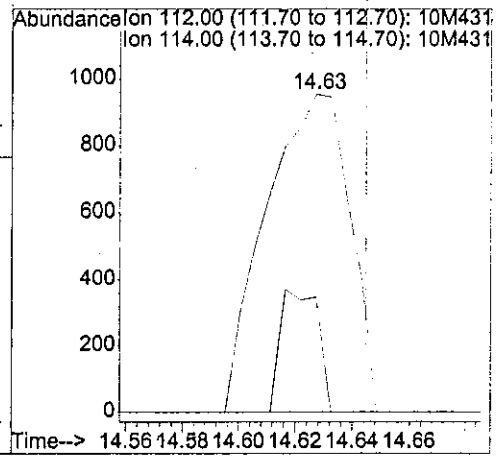


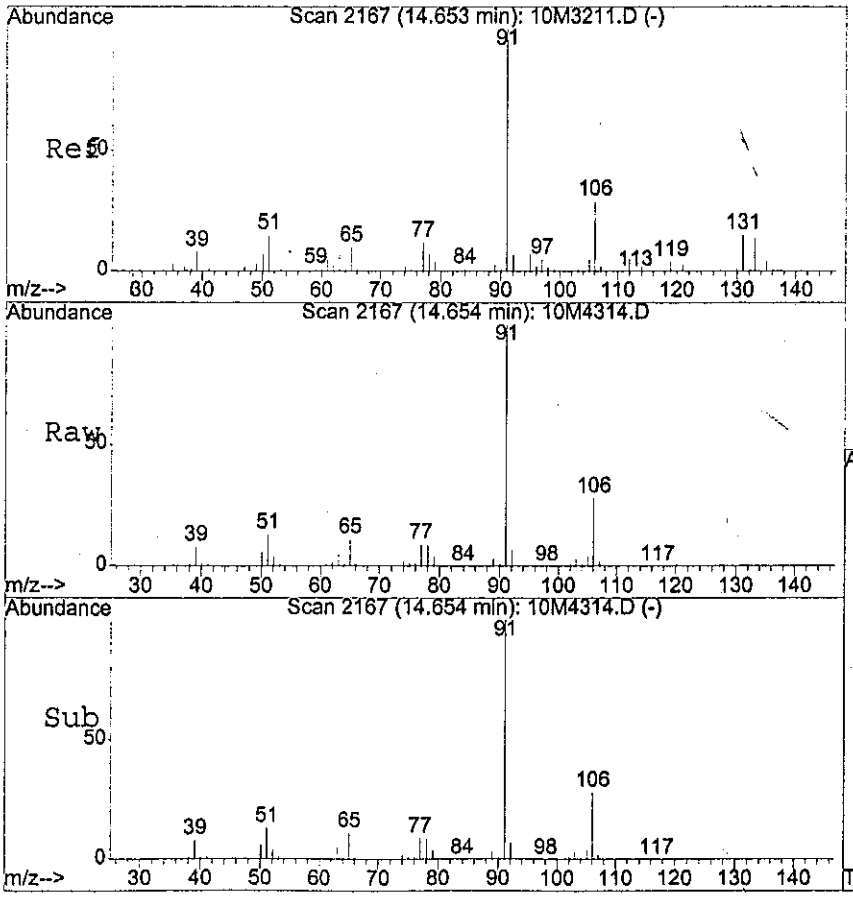


#56
Chlorobenzene
Concen: 0.51 ug/L
RT: 14.63 min Scan# 2162
Delta R.T. 0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:112 Resp: 1945

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.6	38.4#

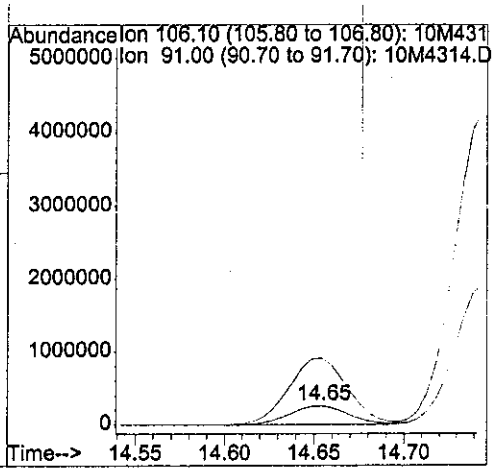


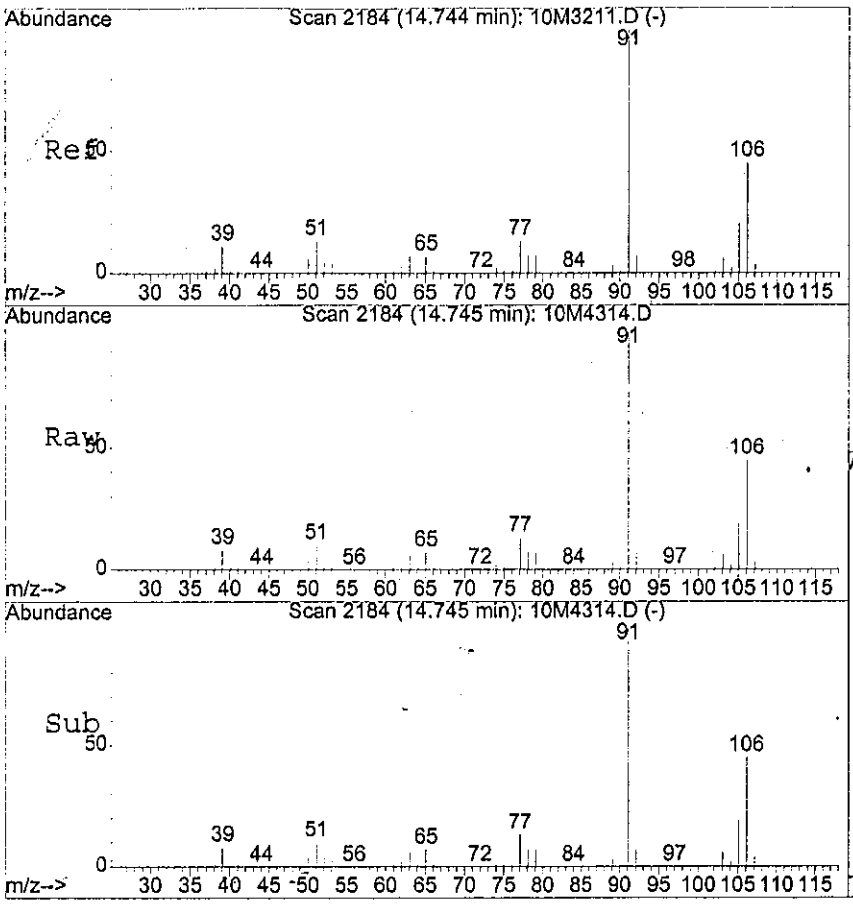


#58
Ethylbenzene
Concen: 290.17 ug/L
RT: 14.65 min Scan# 2167
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:106 Resp: 582535

Ion	Ratio	Lower	Upper
106	100		
91	355.7	251.4	377.2

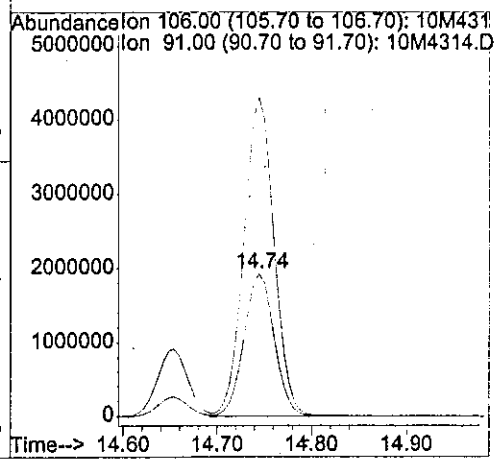


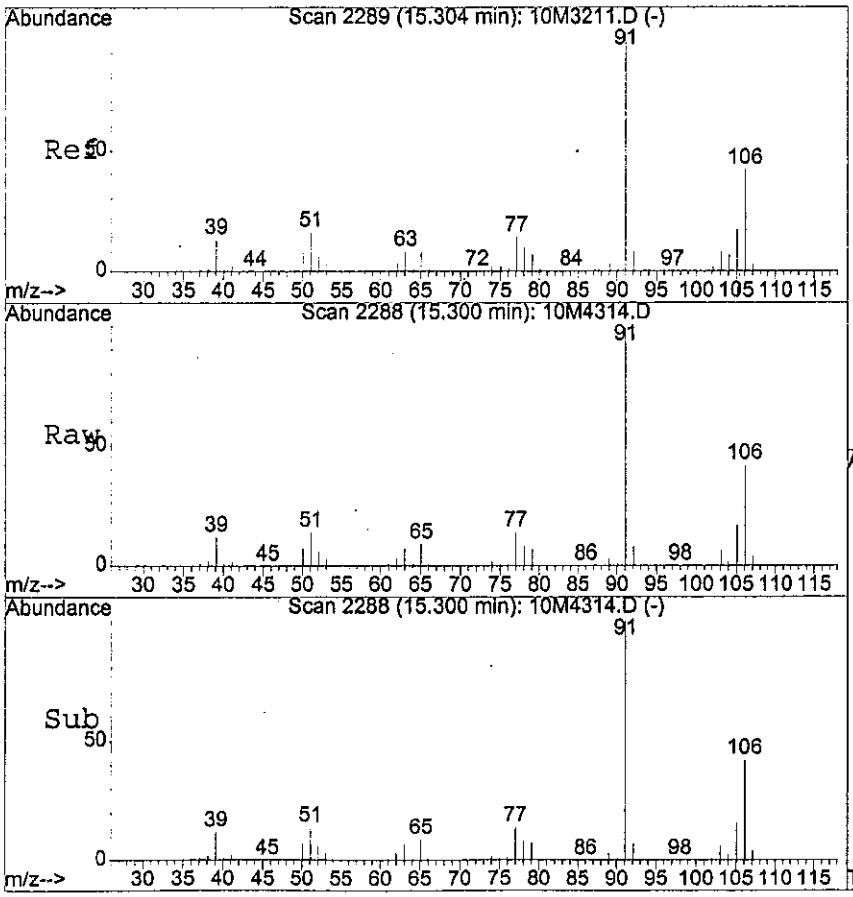


#59
m-,p-Xylene
Concen: 1728.68 ug/L
RT: 14.74 min Scan# 2184
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:106 Resp: 4289311

Ion	Ratio	Lower	Upper
106	100		
91	223.2	153.8	230.6

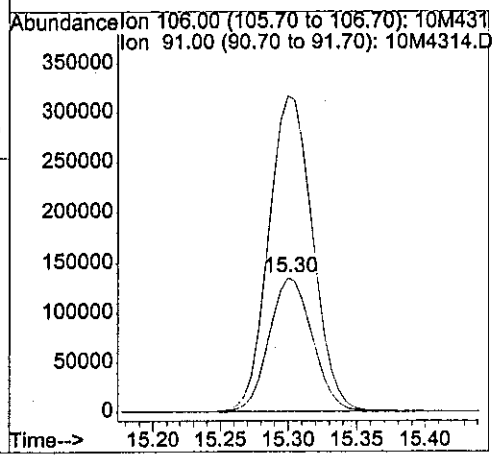


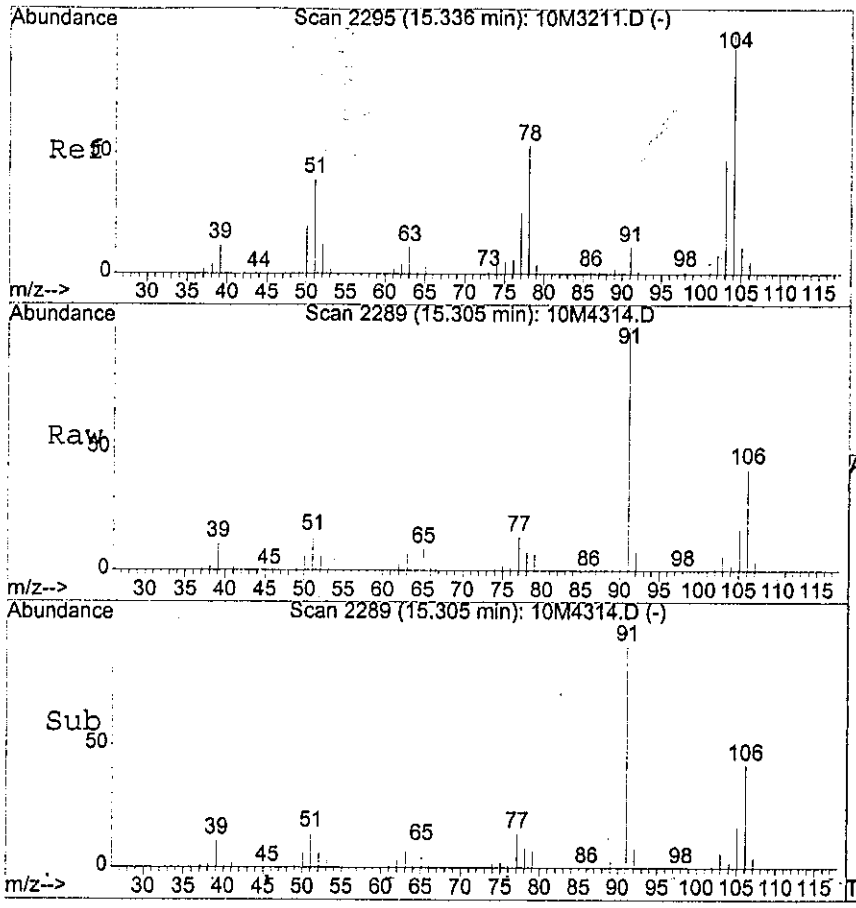


#60
o-Xylene
Concen: 121.55 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:106 Resp: 297798

Ion	Ratio	Lower	Upper
106	100		
91	238.3	163.8	245.8

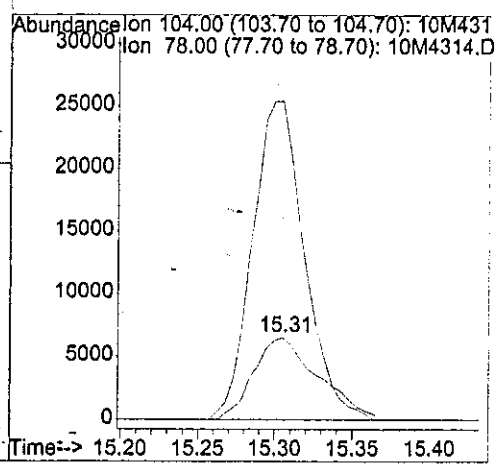


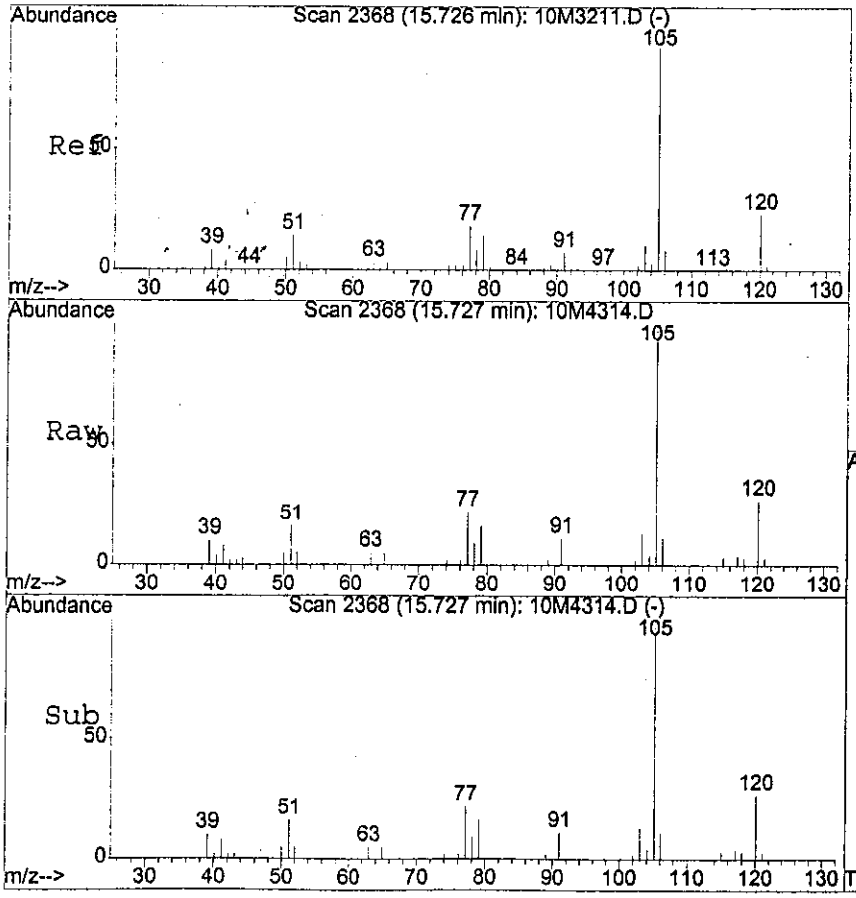


#61
Styrene
Concen: 4.93 ug/L
RT: 15.31 min Scan# 2289
Delta R.T. -0.03 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:104 Resp: 18945

Ion	Ratio	Lower	Upper
104	100		
78	313.5	38.4	57.6#

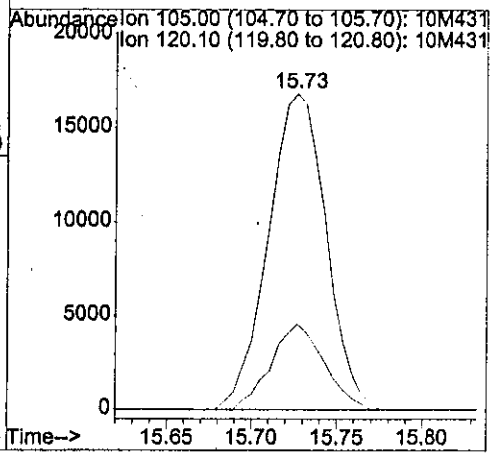


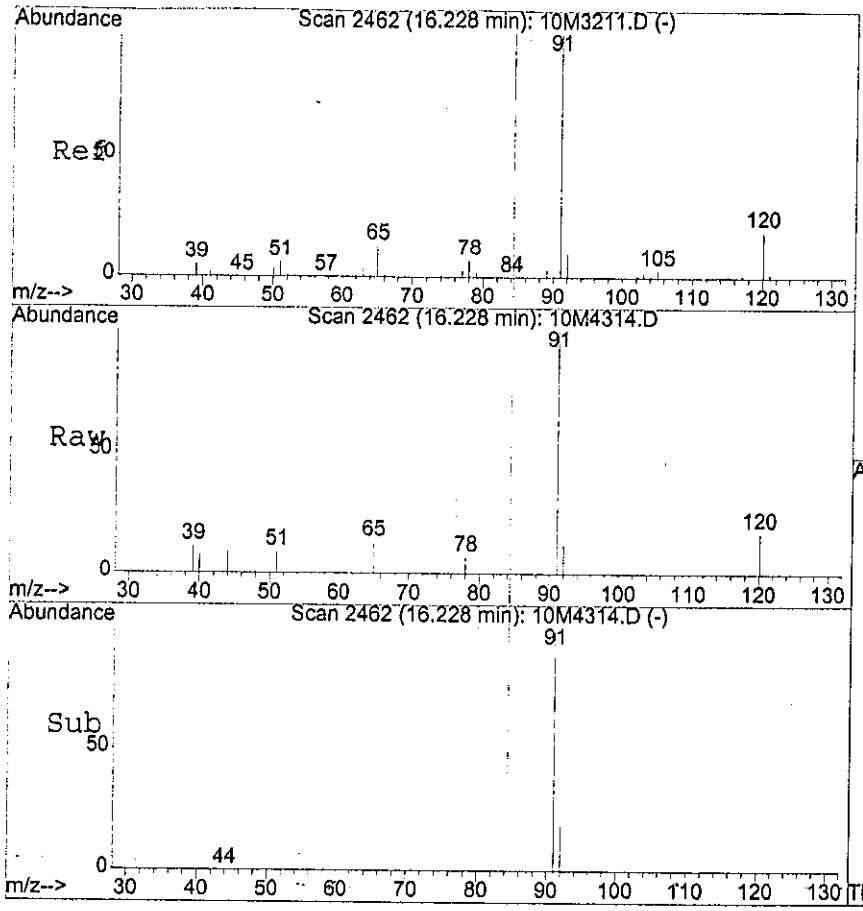


#63
Isopropylbenzene
Concen: 5.87 ug/L
RT: 15.73 min Scan# 2368
Delta R.T. 0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:105 Resp: 39521

Ion	Ratio	Lower	Upper
105	100		
120	24.9	22.2	33.4

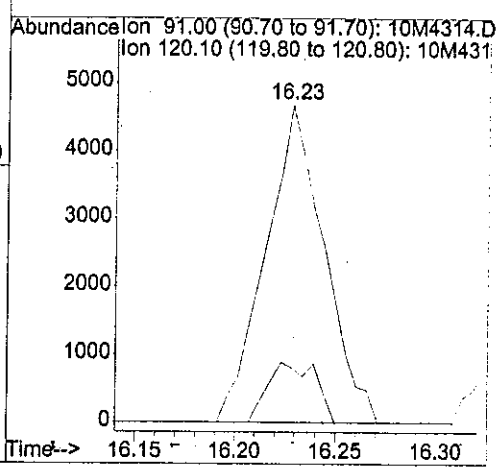


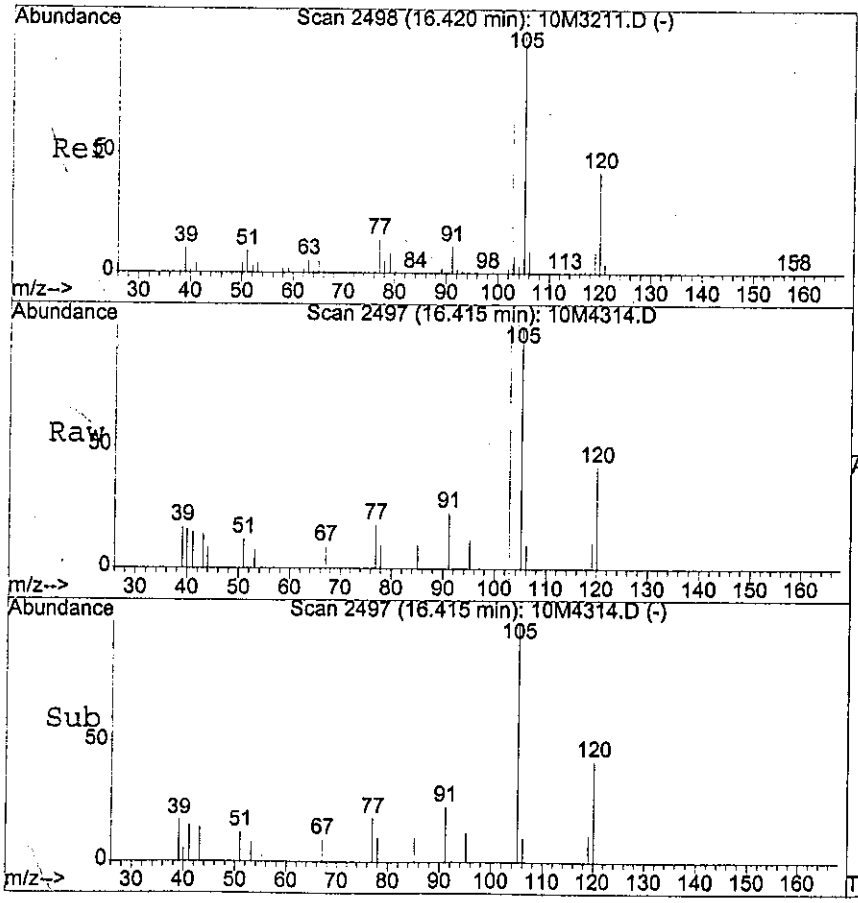


#69
n-Propylbenzene
Concen: 1.28 ug/L
RT: 16.23 min Scan# 2462
Delta R.T. 0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 91 Resp: 9451

Ion	Ratio	Lower	Upper
91	100		
120	0.0	19.0	28.6#

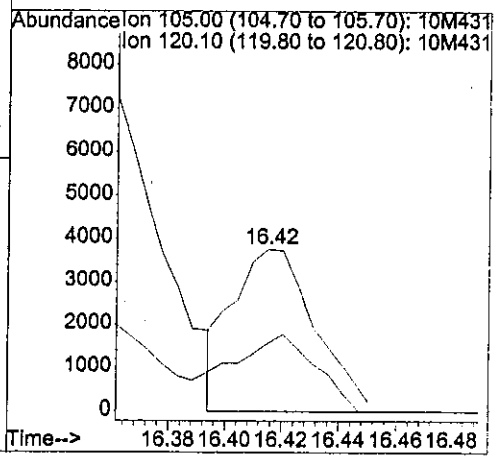


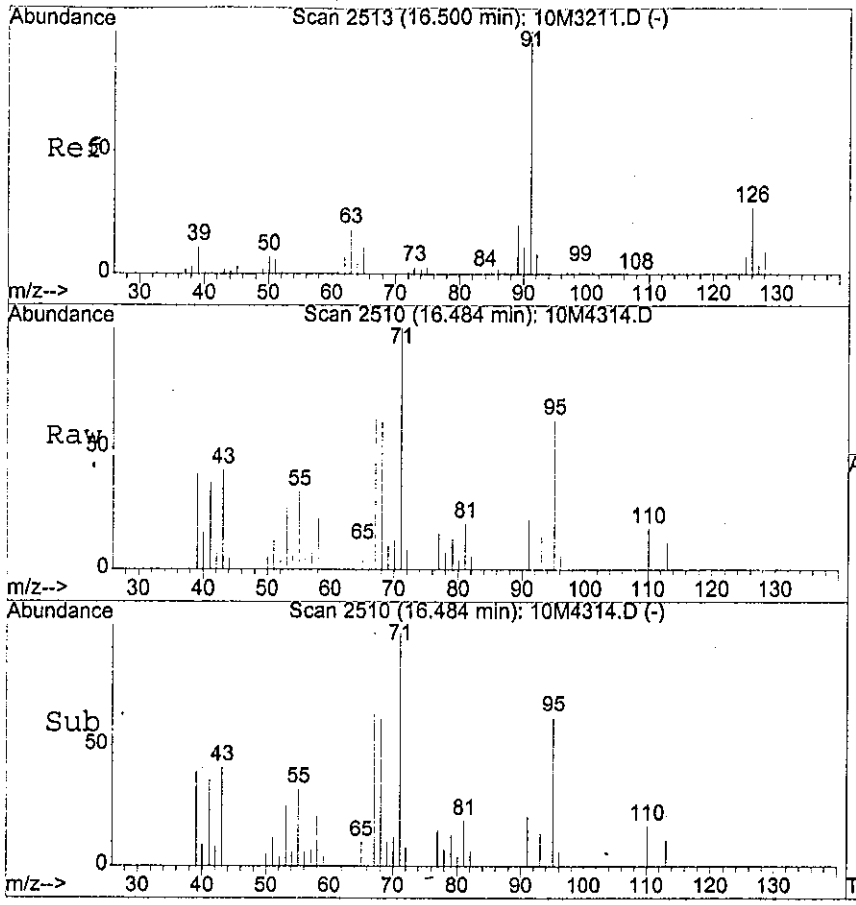


#71
1,3,5-Trimethylbenzene
Concen: 1.52 ug/L
RT: 16.42 min Scan# 2497
Delta R.T. -0.01 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:105 Resp: 7568

Ion	Ratio	Lower	Upper
105	100		
120	48.6	41.4	62.2

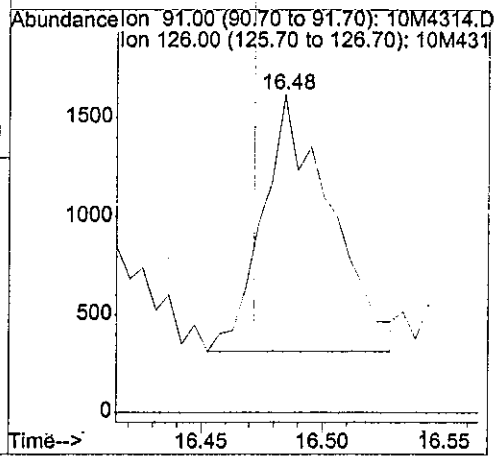


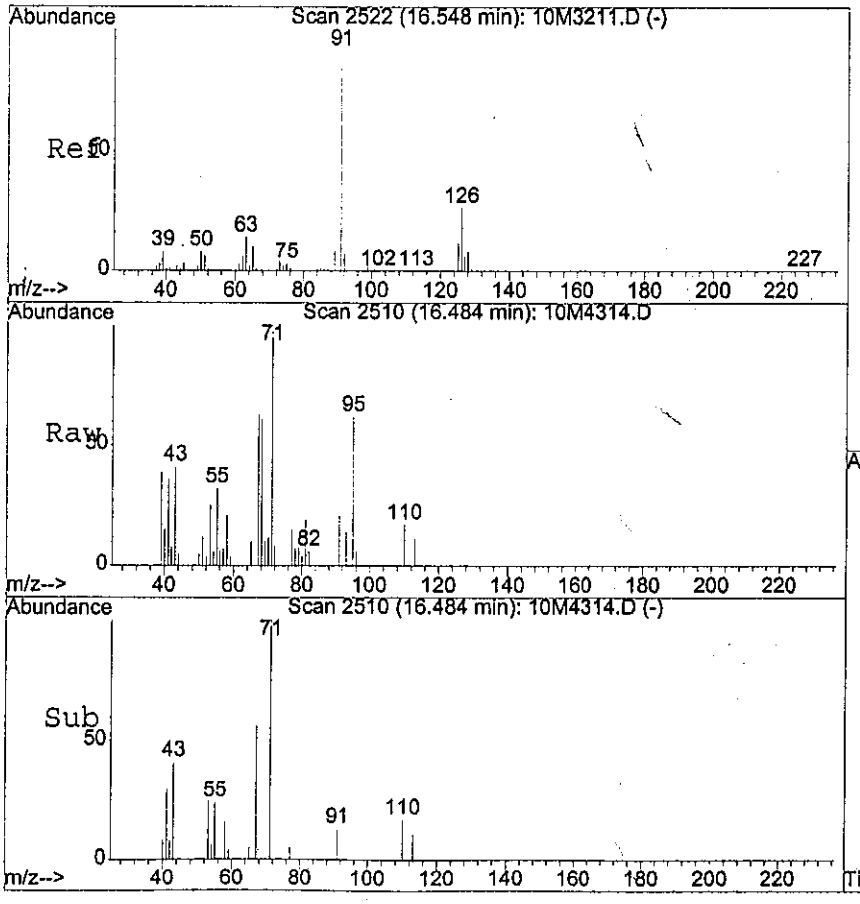


#72
2-Chlorotoluene
Concen: 0.50 ug/L
RT: 16.48 min Scan# 2510
Delta R.T. -0.02 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 91 Resp: 2522

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.7	46.1#

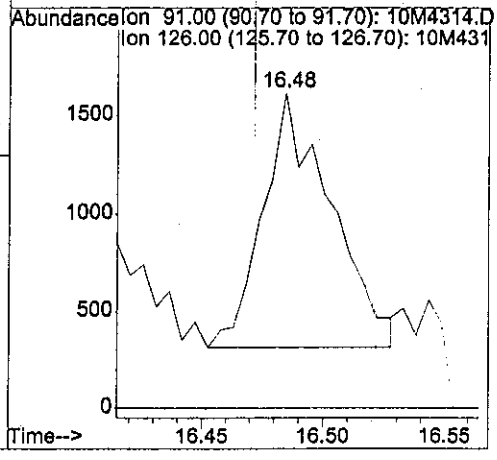


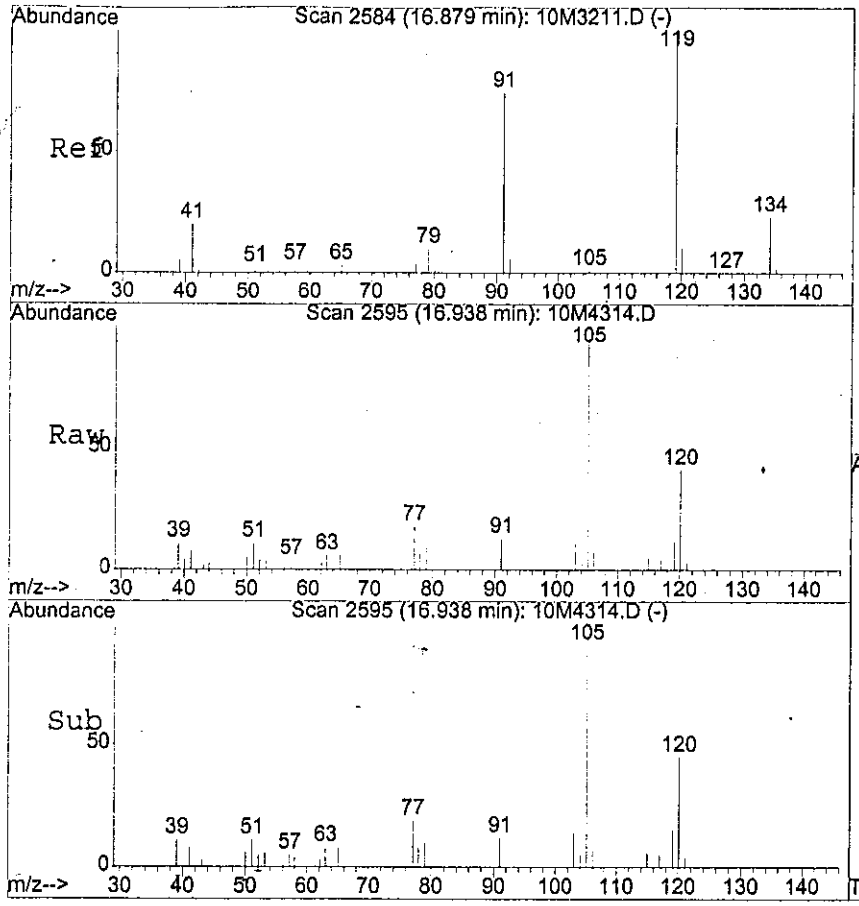


#73
4-Chlorotoluene
Concen: 0.49 ug/L
RT: 16.48 min Scan# 2510
Delta R.T. -0.07 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion: 91 Resp: 2522

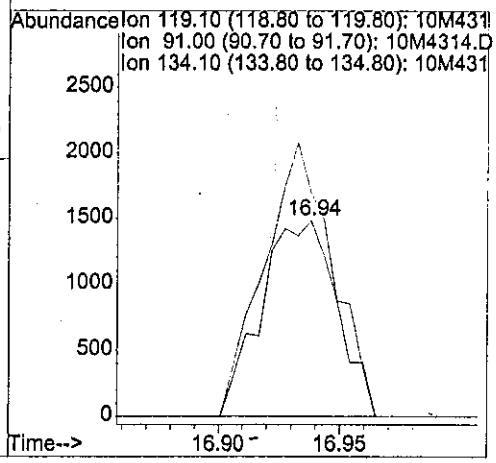
Ion	Ratio	Lower	Upper
91	100		
126	0.0	27.0	40.6#

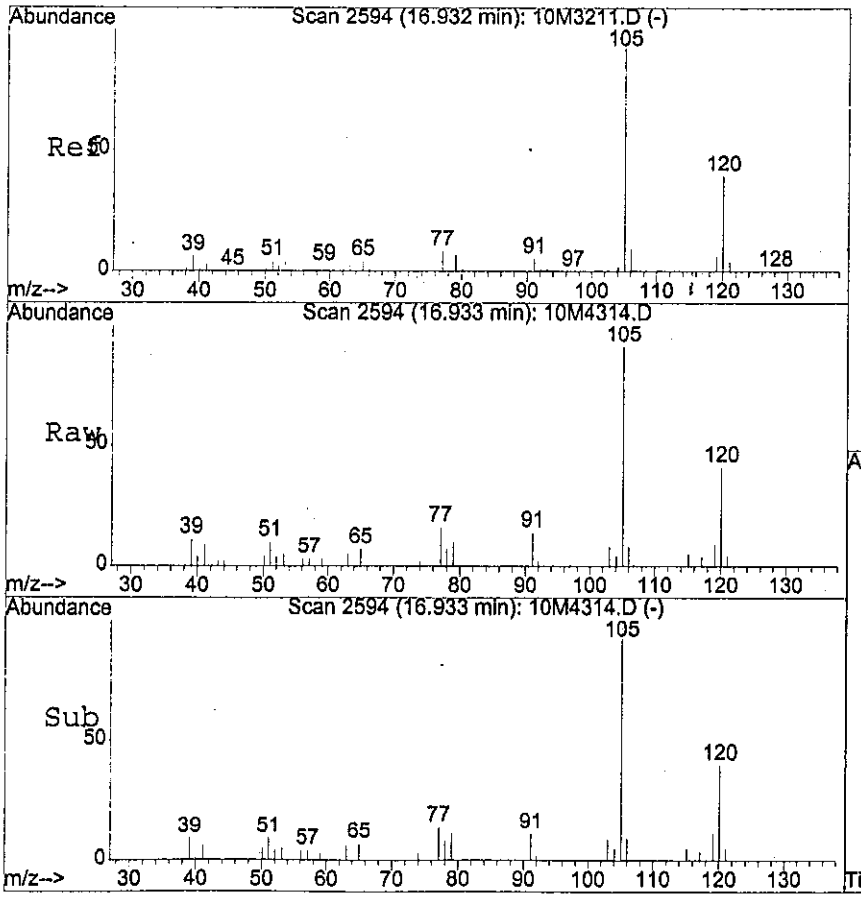




#75
tert-Butylbenzene
Concen: 0.73 ug/L
RT: 16.94 min Scan# 2595
Delta R.T. 0.06 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

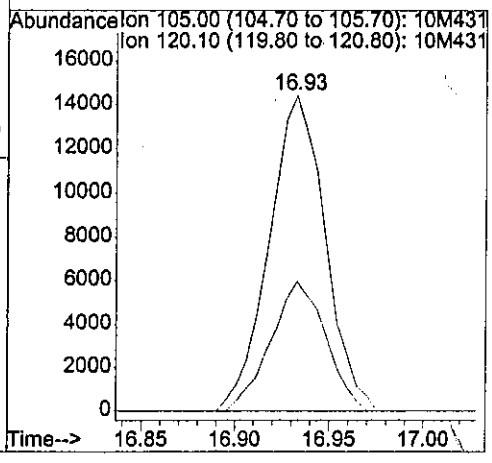
Tgt Ion:119	Resp:	3194	
Ion	Ratio	Lower	Upper
119	100		
91	126.1	38.6	57.8#
134	0.0	18.9	28.3#

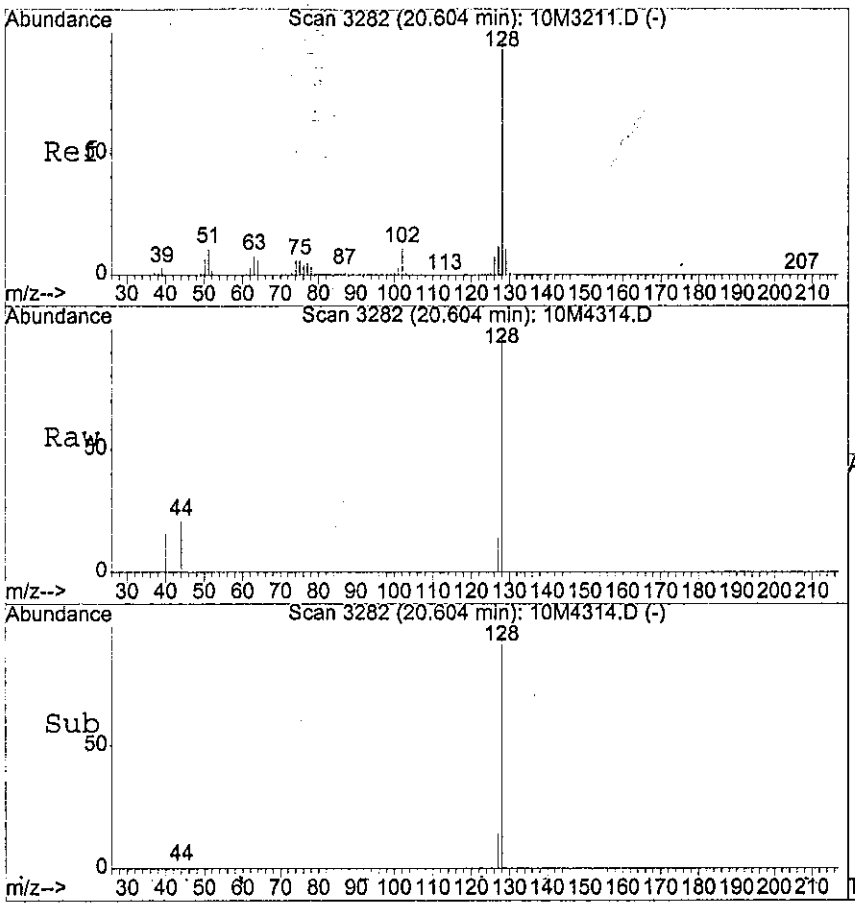




#76
1,2,4-Trimethylbenzene
Concen: 5.36 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:105	Resp:	29819	
Ion	Ratio	Lower	Upper
105	100		
120	40.4	39.0	58.6

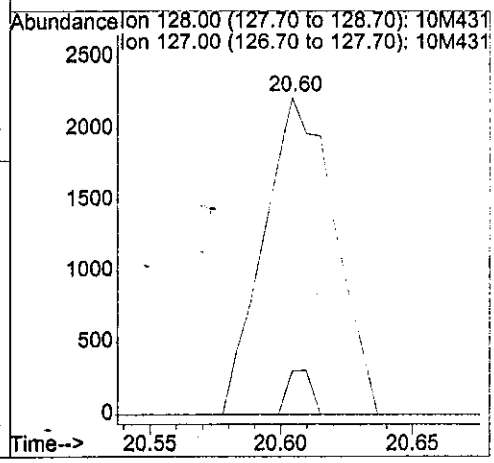




#86
Naphthalene
Concen: 1.79 ug/L
RT: 20.60 min Scan# 3282
Delta R.T. -0.00 min
Lab File: 10M4314.D
Acq: 21 Jun 2000 11:29

Tgt Ion:128 Resp: 4166

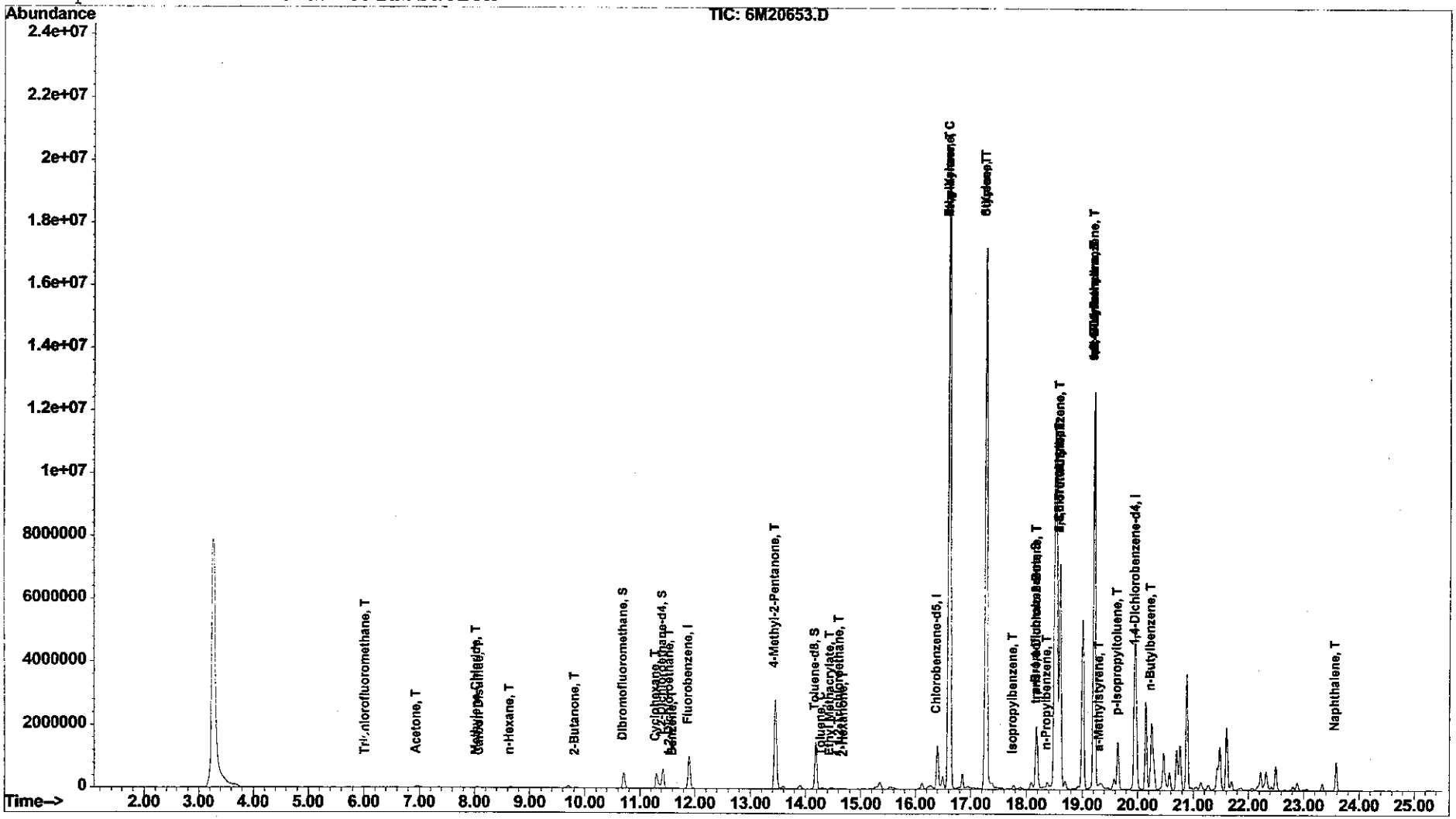
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20653.D Vial: 14
Acq On : 19 Jun 2000 16:13 Operator: CMS
Sample : L0006193-09 A IT CORP 826-SPE-VO 6.7G/5M Inst : HPMS6
Misc : SOLID,0.7 (398-PPG-TANK-FARM) Multiplr: 0.70
MS Integration Params: rteint.p
Quant Time: Jun 19 16:39 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\061900\6M20653.D Vial: 14
Acq On : 19 Jun 2000 16:13 Operator: CMS
Sample : L0006193-09 A IT CORP 826-SPE-VO 6.7G/5M Inst : HPMS6
Misc : SOLID,0.7 (398-PPG-TANK-FARM) Multiplr: 0.70
MS Integration Params: rteint.p
Quant Time: Jun 20 17:44 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1367035	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1035603	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	586909	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	450213	43.89	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.78%			
33) 1,2-Dichloroethane-d4	11.43	65	583833	47.40	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
45) Toluene-d8	14.18	98	1439592	46.70	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 93.40%			
66) p-Bromofluorobenzene	18.18	95	627819	47.75	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 95.50%			
Target Compounds						Qvalue
7) Trichlorofluoromethane	6.04	101	9503	0.40	ug/kg#	69
11) Acetone	6.96	43	124385	34.73	ug/kg#	82
15) Methylene Chloride	8.05	84	9110	0.97	ug/kg# BDC	58 J
16) Carbon Disulfide	8.10	76	10362	0.27	ug/kg#	88
20) n-Hexane	8.65	57	18480	0.80	ug/kg#	2
23) 2-Butanone	9.83	43	46085	6.25	ug/kg	94
30) Cyclohexane	11.31	56	546500	20.83	ug/kg#	47
34) 1,2-Dichloroethane	11.56	62	4035	0.21	ug/kg#	99
35) Benzene	11.62	78	9514	0.23	ug/kg# BDC	88
41) 4-Methyl-2-Pentanone	13.45	58	1262045	281.79	ug/kg I	91
46) Toluene	14.30	91	46238	1.05	ug/kg J	98
47) Ethyl Methacrylate	14.45	69	7632	0.66	ug/kg#	60
49) 1,1,2-Trichloroethane	14.63	97	18025	2.07	ug/kg#	16
50) 2-Hexanone	14.69	43	8652	0.78	ug/kg#	49
58) Ethylbenzene	16.50	106	124395m	7.40	ug/kg	
59) m-,p-Xylene	16.61	106	10600429	499.88	ug/kg I	85
60) o-Xylene	17.27	106	8270667	407.86	ug/kg	88
61) Styrene	17.27	104	464627	13.58	ug/kg#	1
63) Isopropylbenzene	17.78	105	131518	2.49	ug/kg	99
68) trans-1,4-Dichloro-2-Buten	18.20	53	15148	3.42	ug/kg#	19
69) n-Propylbenzene	18.38	91	220145	3.52	ug/kg#	59
71) 1,3,5-Trimethylbenzene	18.60	105	5943271	132.93	ug/kg	94
72) 2-Chlorotoluene	18.60	91	630724	15.93	ug/kg#	38
73) 4-Chlorotoluene	18.60	91	630684	15.74	ug/kg#	38
74) a-Methylstyrene	19.32	118	17987	0.81	ug/kg	84
75) tert-Butylbenzene	19.21	119	1369035	33.73	ug/kg#	51
76) 1,2,4-Trimethylbenzene	19.21	105	11259570	242.01	ug/kg	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20653.D Vial: 14
Acq On : 19 Jun 2000 16:13 Operator: CMS
Sample : L0006193-09 A IT CORP 826-SPE-VO 6.7G/5M Inst : HPMS6
Misc : SOLID,0.7 (398-PPG-TANK-FARM) Multiplr: 0.70
MS Integration Params: rteint.p
Quant Time: Jun 20 17:44 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

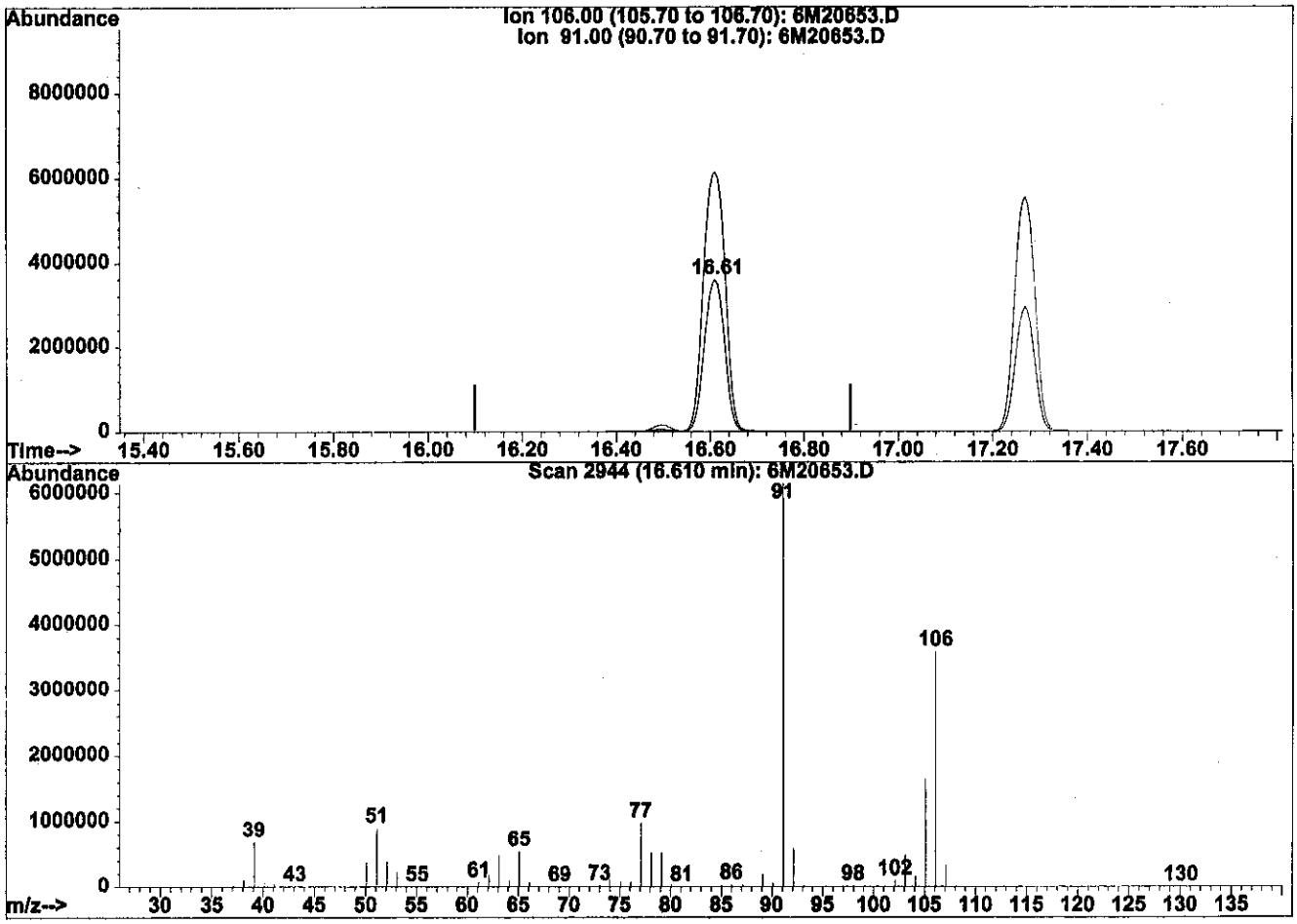
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
77) sec-Butylbenzene	19.21	105	11259490	195.15	ug/kg#	57
78) p-Isopropyltoluene	19.66	119	94376	1.90	ug/kg	100
81) n-Butylbenzene	20.25	91	518032	10.99	ug/kg#	1
86) Naphthalene	23.59	128	1006638	24.32	ug/kg	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20653.D Vial: 14
Acq On : 19 Jun 2000 16:13 Operator: CMS
Sample : L0006193-09 A IT CORP 826-SPE-VO 6.7G/5M Inst : HPMS6
Misc : SOLID,0.7 (398-PPG-TANK-FARM) Multiplr: 0.70
Quant Time: Jun 19 16:39 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20653.D

(58) Ethylbenzene (C)

16.61min 630.61ug/kg

response 10600429

6-20-00 CMS

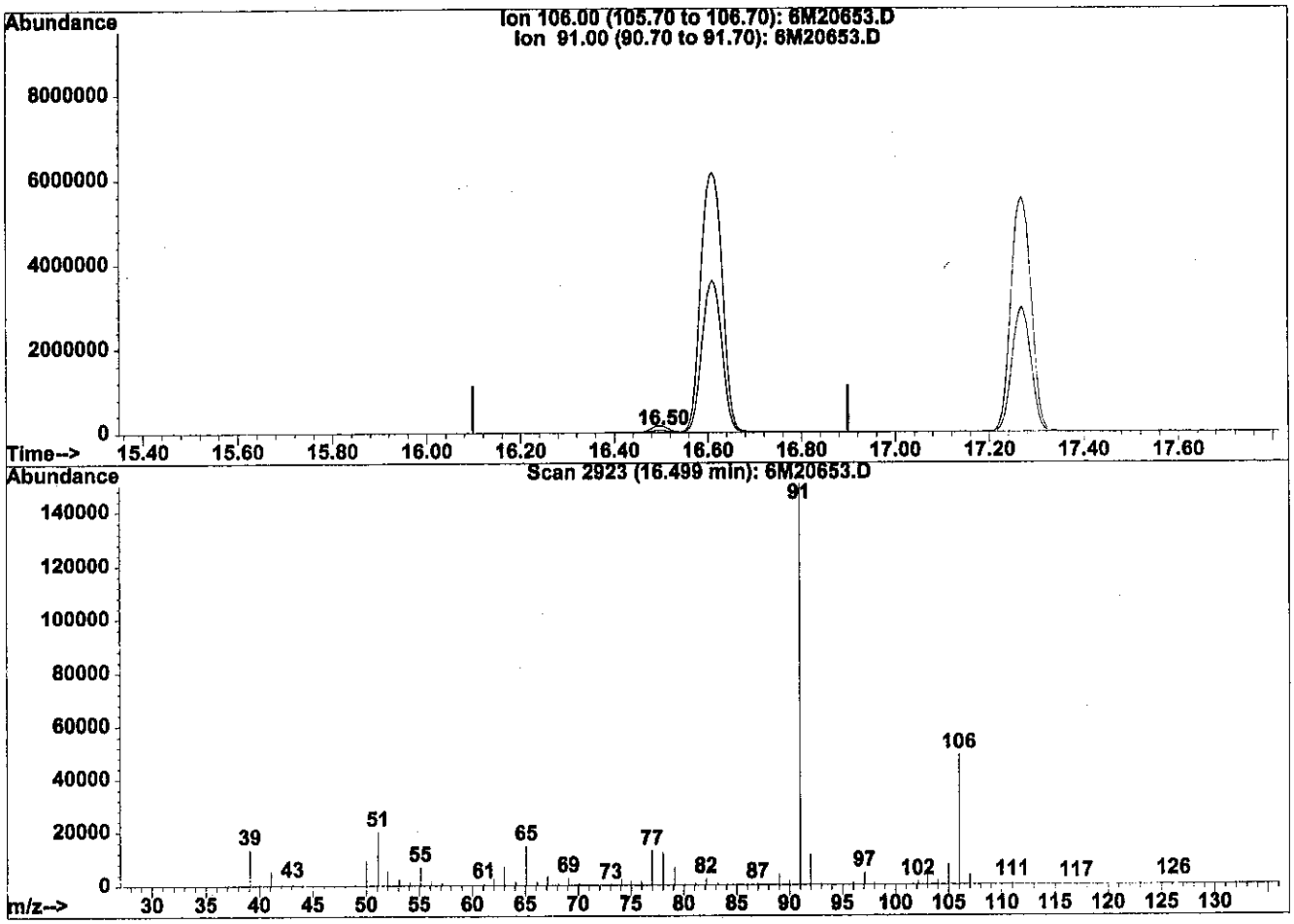
Ion	Exp%	Act%
106.00	100	100
91.00	324.50	183.48#
0.00	0.00	0.00
0.00	0.00	0.00

6M20653.D 8260PRES.M Tue Jun 20 17:44:27 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20653.D Vial: 14
Acq On : 19 Jun 2000 16:13 Operator: CMS
Sample : L0006193-09 A IT CORP 826-SPE-VO 6.7G/5M Inst : HPMS6
Misc : SOLID,0.7 (398-PPG-TANK-FARM) Multiplr: 0.70
Quant Time: Jun 20 17:44 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20653.D

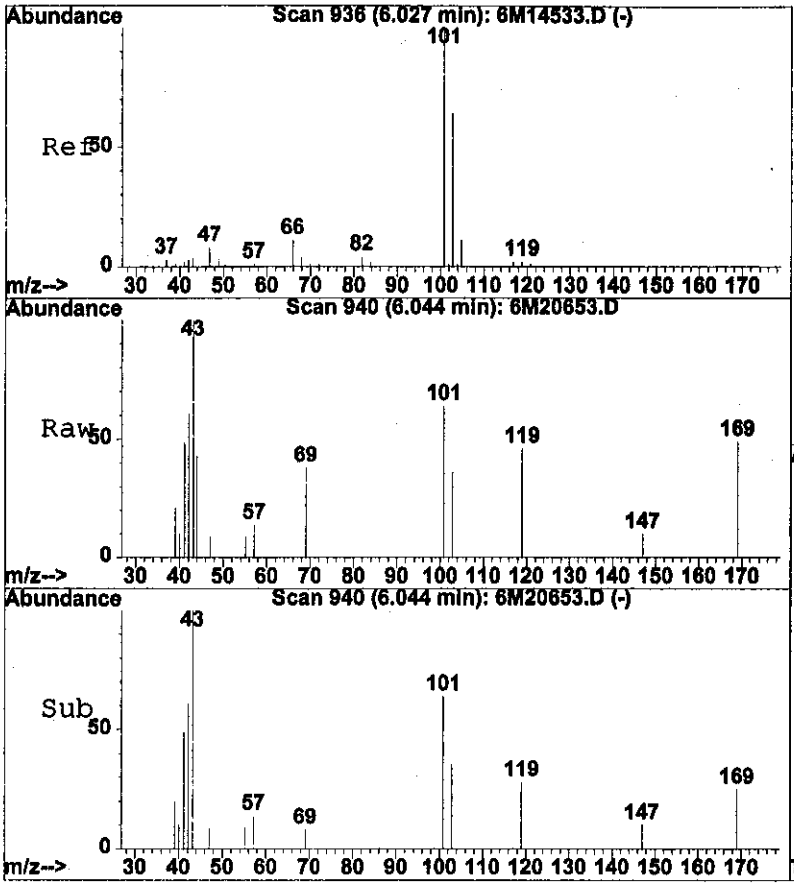
(58) Ethylbenzene (C)

16.50min 7.40ug/kg m

response 124395

Ion	Exp%	Act%
106.00	100	100
91.00	324.50	15635.00#
0.00	0.00	0.00
0.00	0.00	0.00

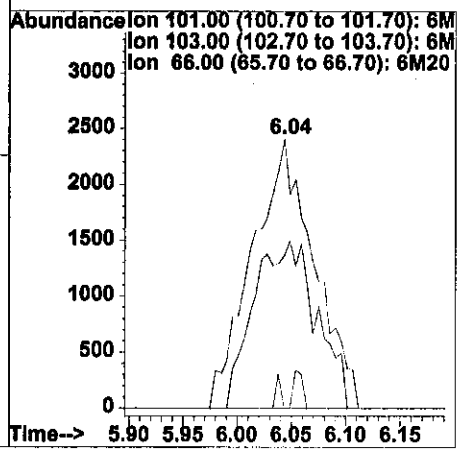
6M20653.D 8260PRES.M Tue Jun 20 17:44:34 2000

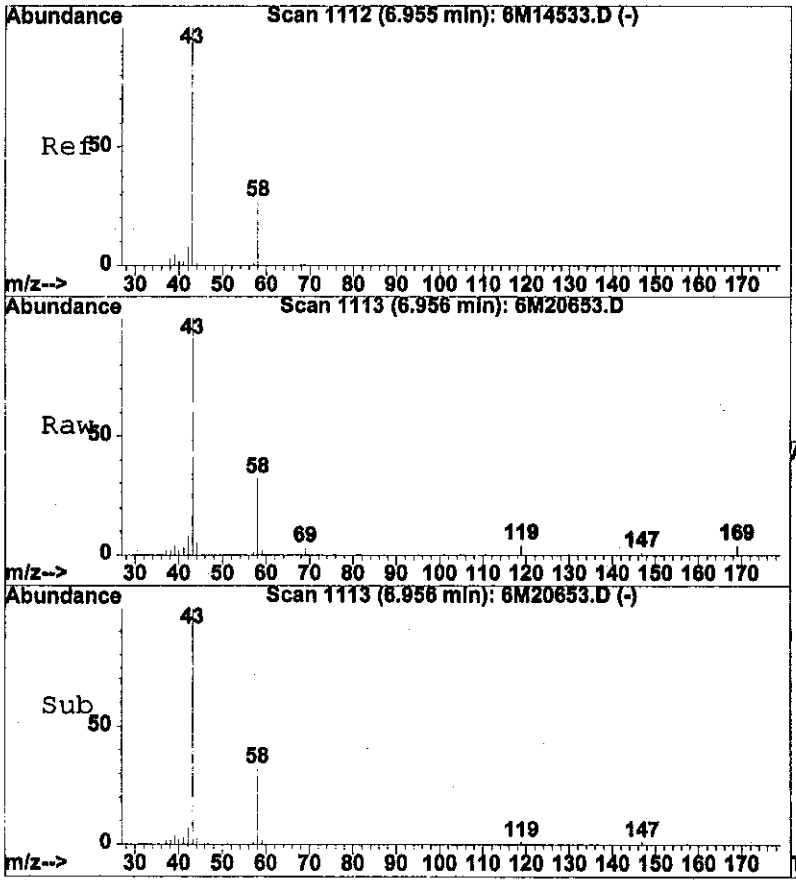


#7
Trichlorofluoromethane
Concen: 0.40 ug/kg
RT: 6.04 min Scan# 940
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:101 Resp: 9503

Ion	Ratio	Lower	Upper
101	100		
103	38.9	51.0	76.6#
66	2.1	9.8	14.6#

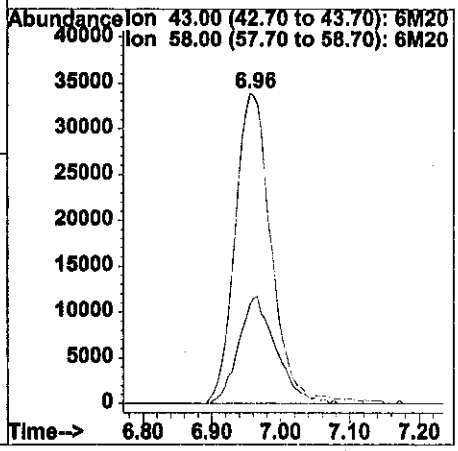


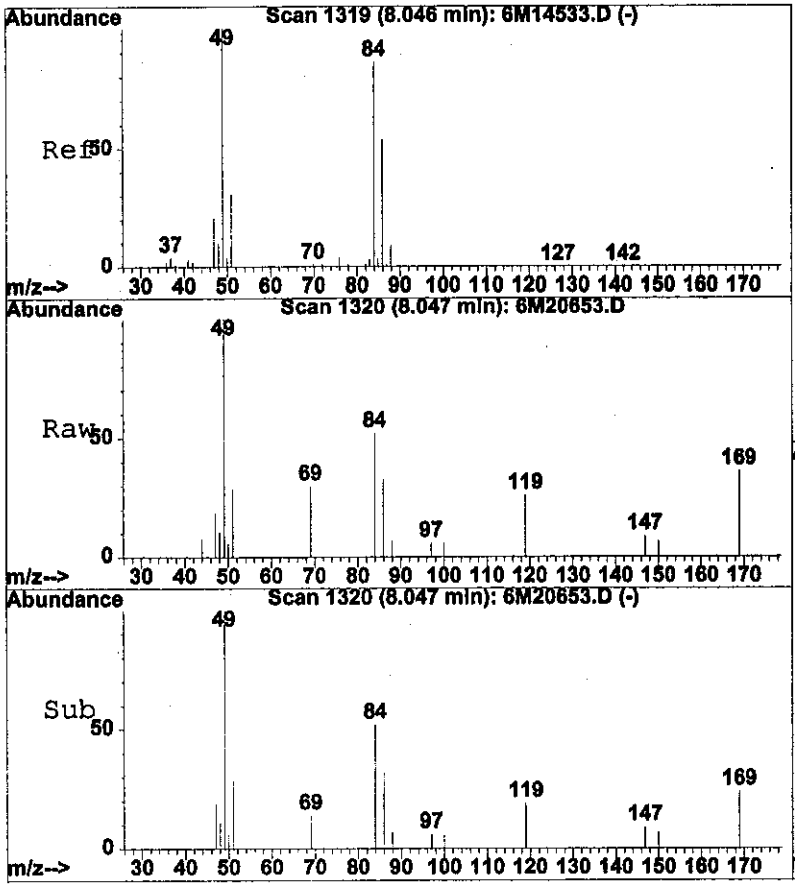


#11
Acetone
Concen: 34.73 ug/kg
RT: 6.96 min Scan# 1113
Delta R.T. -0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 43 Resp: 124385

Ion	Ratio	Lower	Upper
43	100		
58	35.7	21.1	31.7#

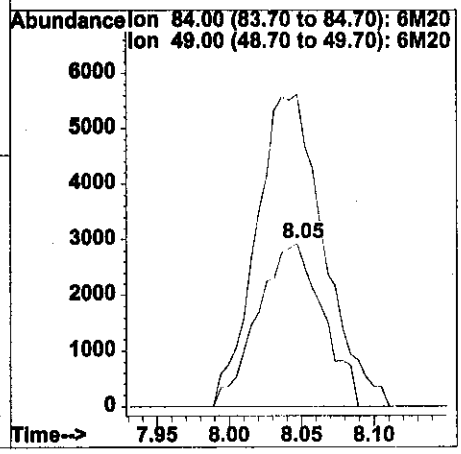


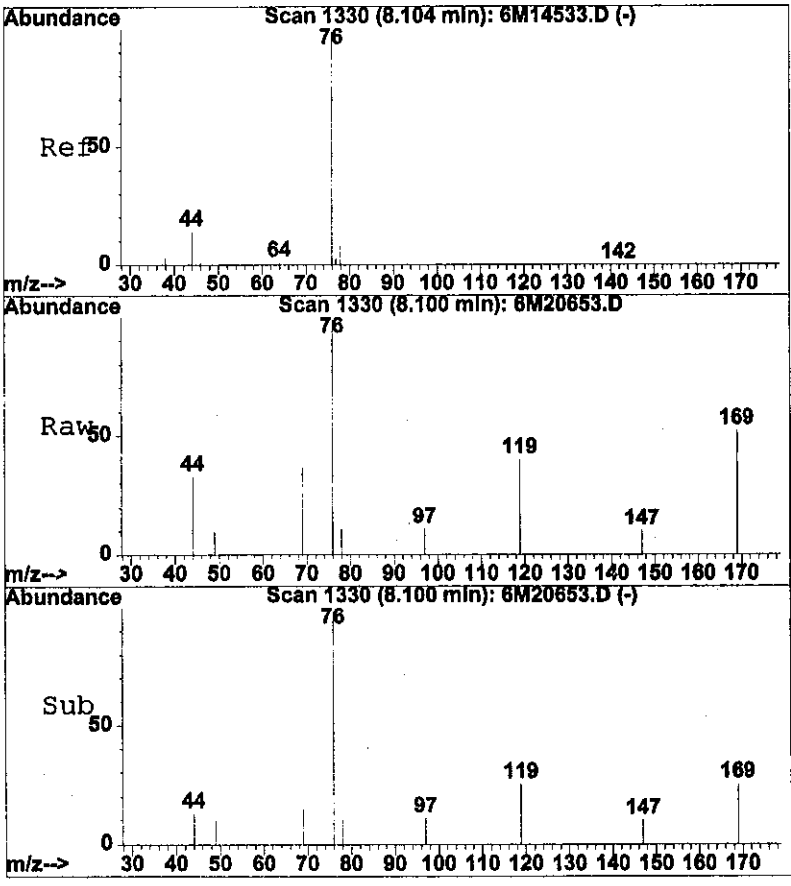


#15
Methylene Chloride
Concen: 0.97 ug/kg
RT: 8.05 min Scan# 1320
Delta R.T. 0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 84 Resp: 9110

Ion	Ratio	Lower	Upper
84	100		
49	199.8	117.8	176.8#

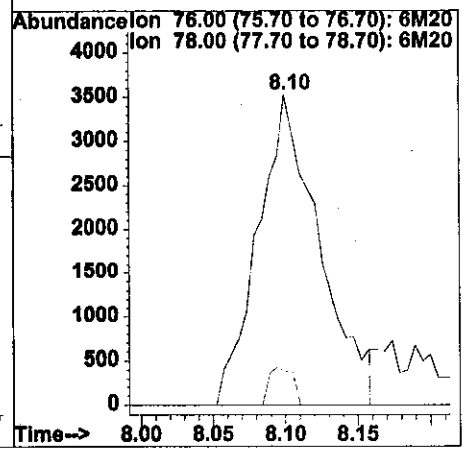


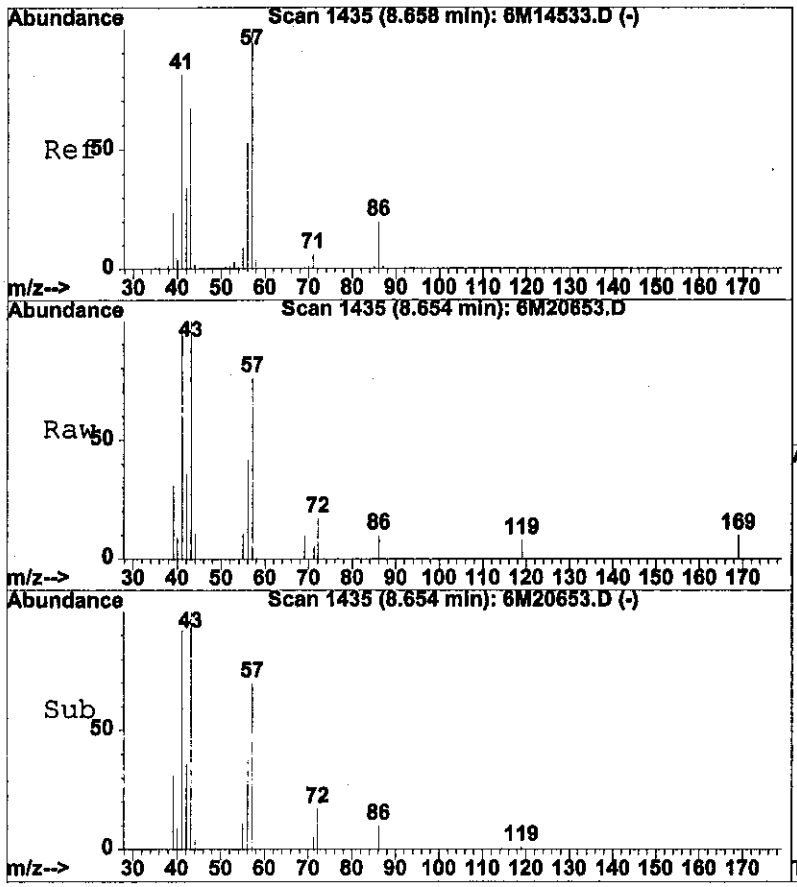


#16
Carbon Disulfide
Concen: 0.27 ug/kg
RT: 8.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 76 Resp: 10362

Ion	Ratio	Lower	Upper
76	100		
78	4.7	7.2	10.8#

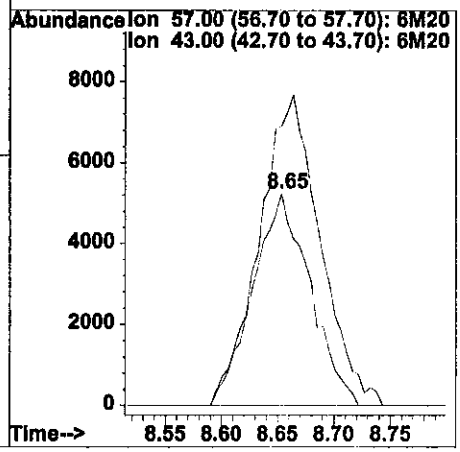


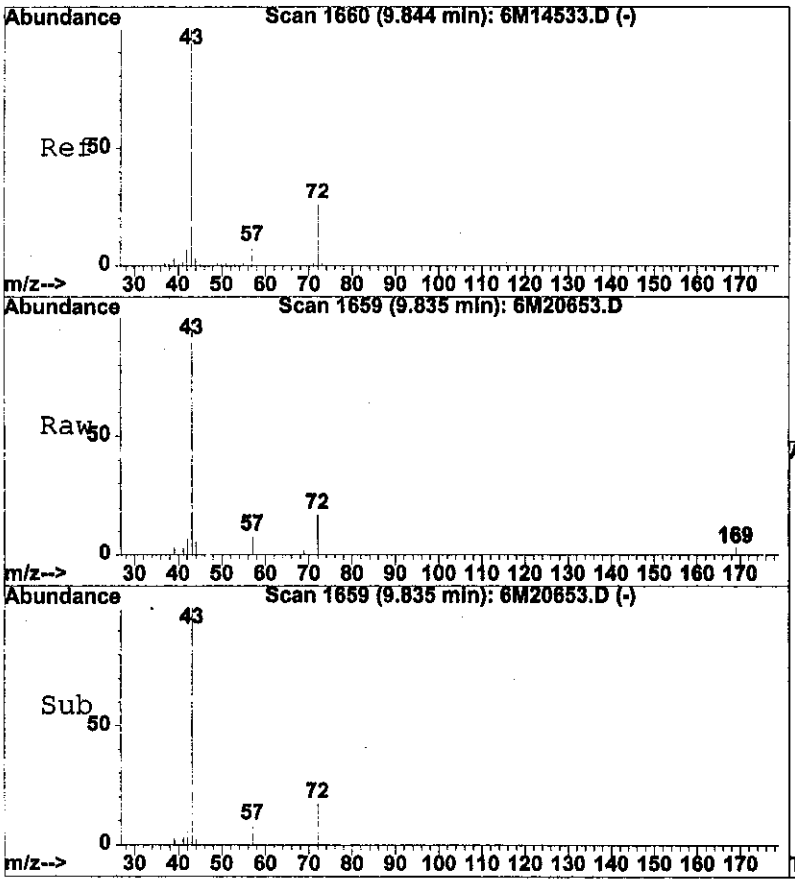


#20
n-Hexane
Concen: 0.80 ug/kg
RT: 8.65 min Scan# 1435
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 57 Resp: 18480

Ion	Ratio	Lower	Upper
57	100		
43	156.2	59.0	88.6#

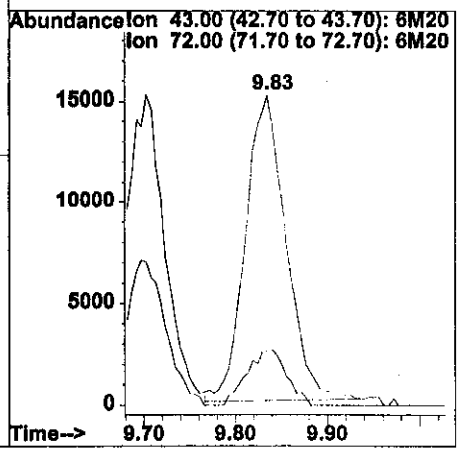


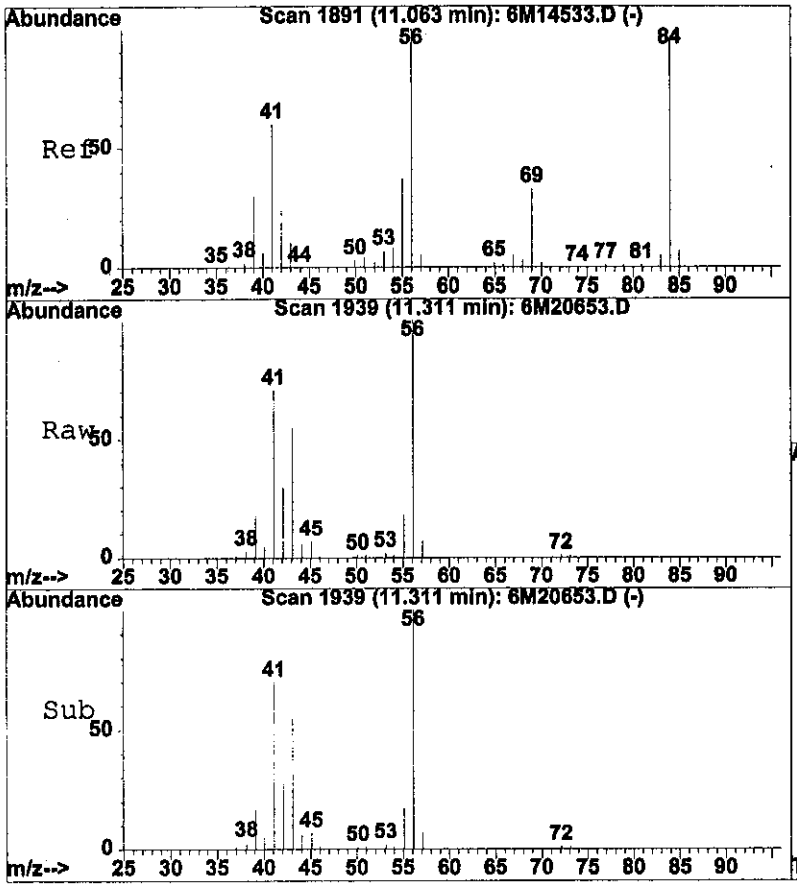


#23
2-Butanone
Concen: 6.25 ug/kg
RT: 9.83 min Scan# 1659
Delta R.T. 0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 43 Resp: 46085

Ion	Ratio	Lower	Upper
43	100		
72	17.5	16.2	24.4

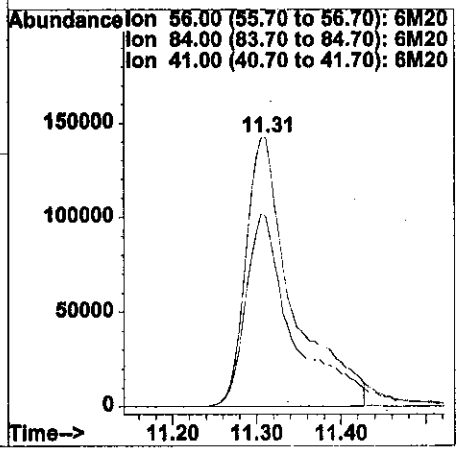


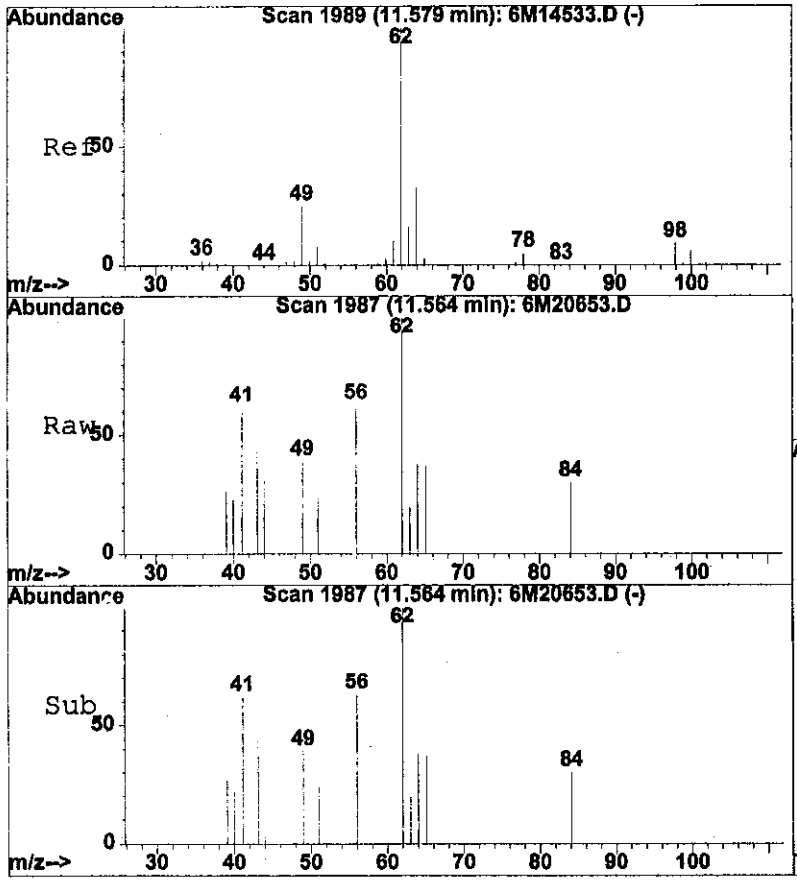


#30
Cyclohexane
Concen: 20.83 ug/kg
RT: 11.31 min Scan# 1939
Delta R.T. 0.26 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 56 Resp: 546500

Ion	Ratio	Lower	Upper
56	100		
84	0.0	64.1	96.1#
41	72.1	52.9	79.3

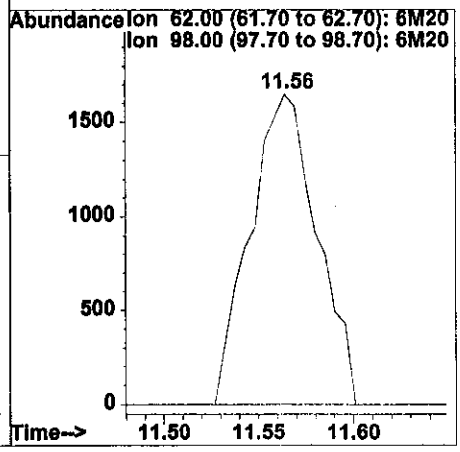


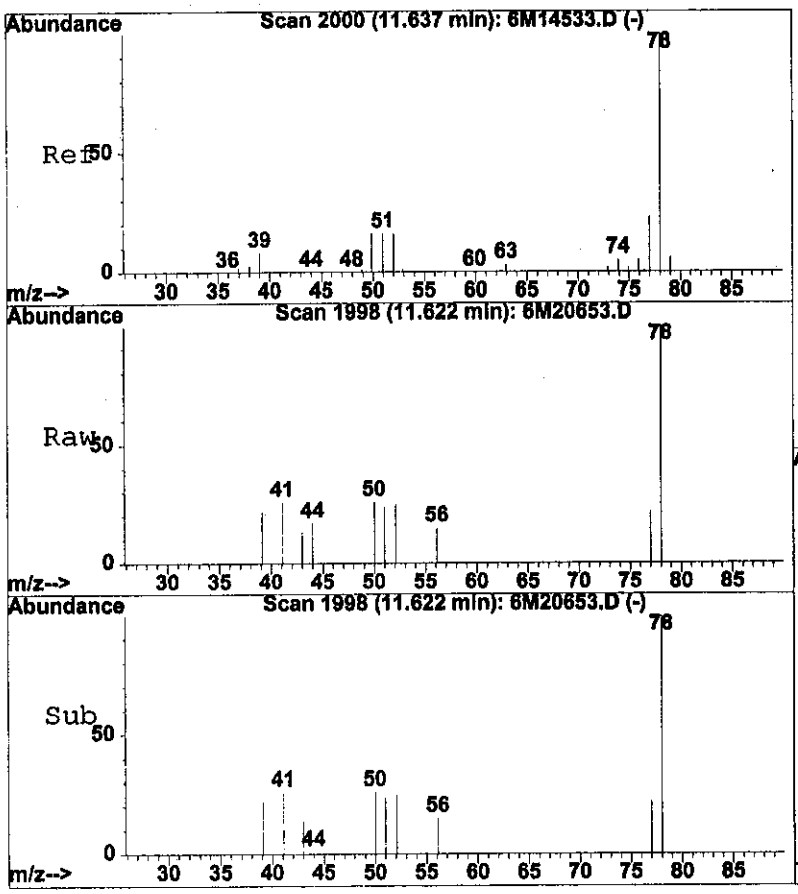


#34
1,2-Dichloroethane
Concen: 0.21 ug/kg
RT: 11.56 min Scan# 1987
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 62 Resp: 4035

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

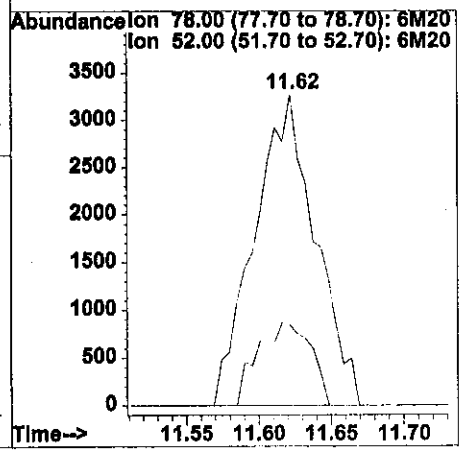


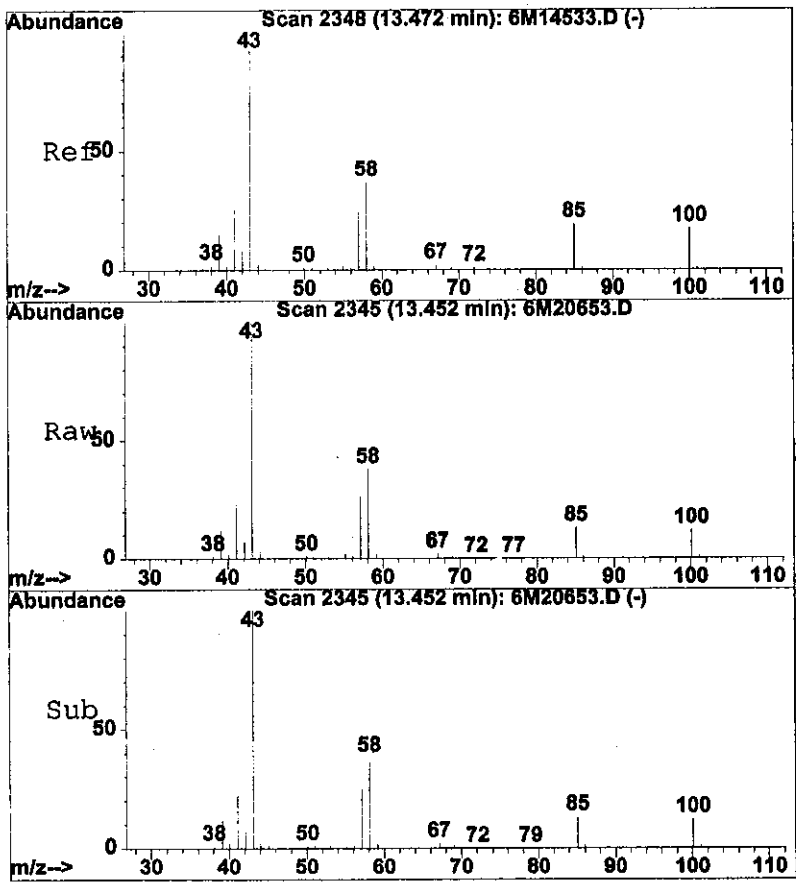


#35
Benzene
Concen: 0.23 ug/kg
RT: 11.62 min Scan# 1998
Delta R.T. 0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 78 Resp: 9514

Ion	Ratio	Lower	Upper
78	100		
52	23.2	14.2	21.4#

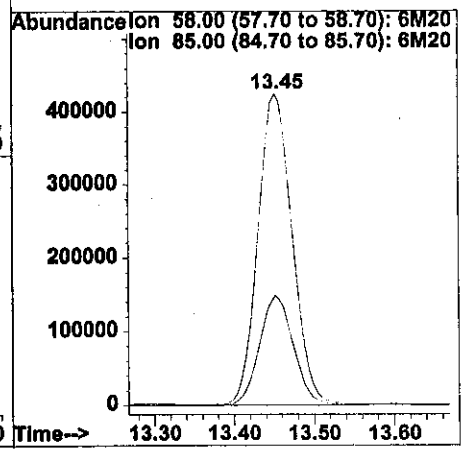


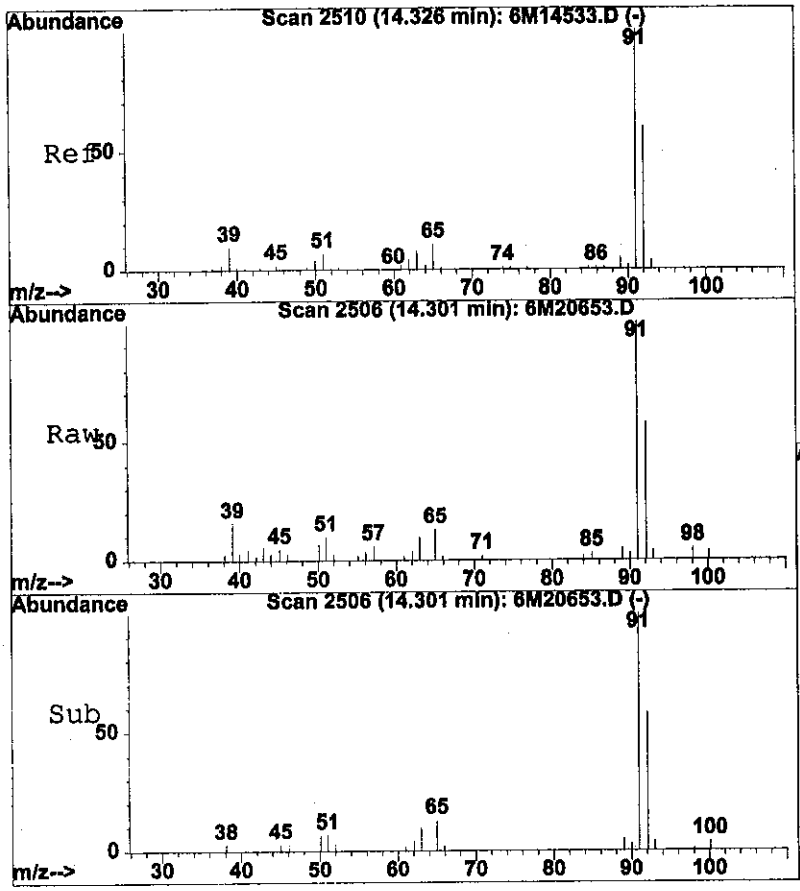


#41
4-Methyl-2-Pentanone
Concen: 281.79 ug/kg
RT: 13.45 min Scan# 2345
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 58 Resp: 1262045

Ion	Ratio	Lower	Upper
58	100		
85	34.4	32.2	48.2

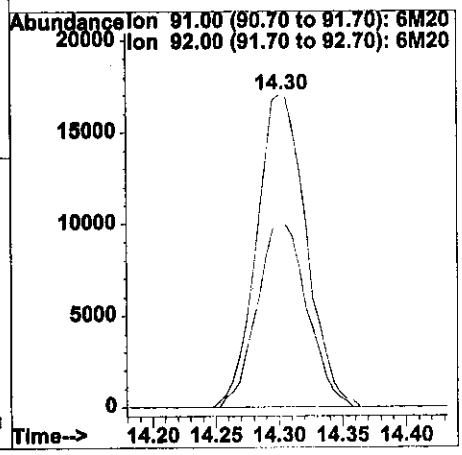


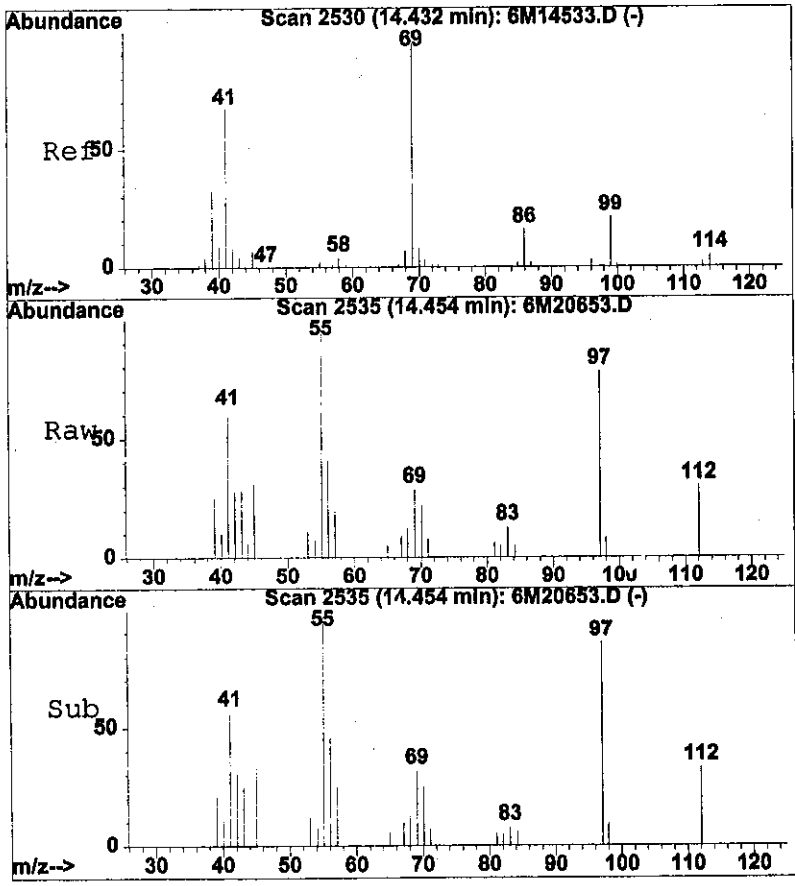


#46
Toluene
Concen: 1.05 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 91 Resp: 46238

Ion	Ratio	Lower	Upper
91	100		
92	59.6	46.6	69.8

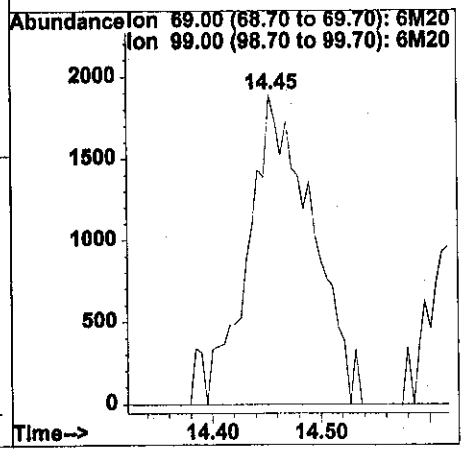


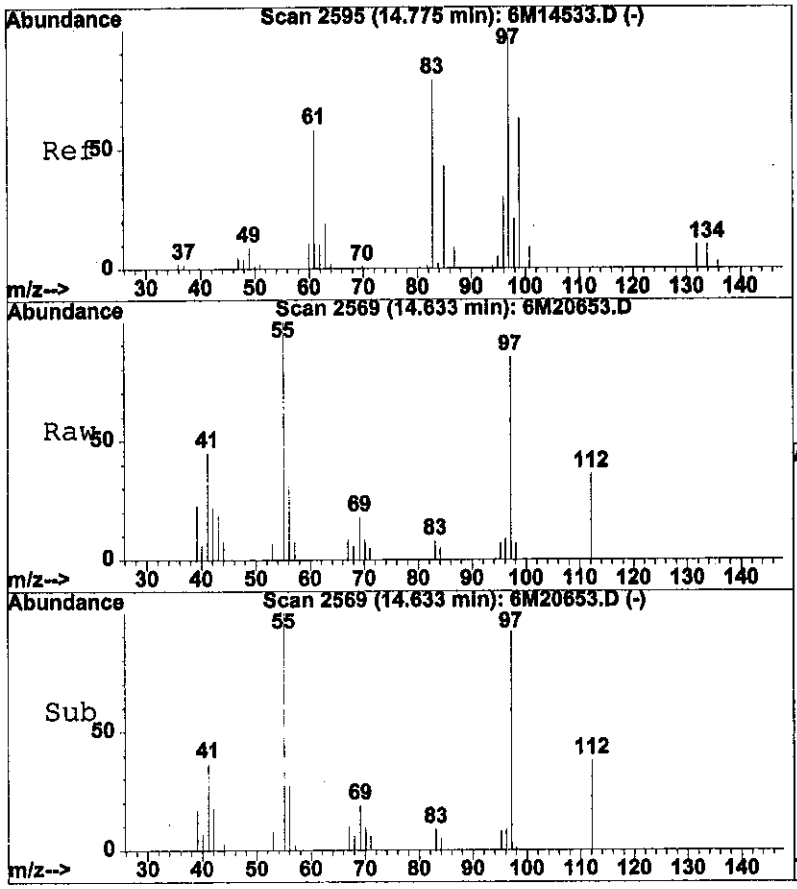


#47
Ethyl Methacrylate
Concen: 0.66 ug/kg
RT: 14.45 min Scan# 2535
Delta R.T. 0.04 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 69 Resp: 7632

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

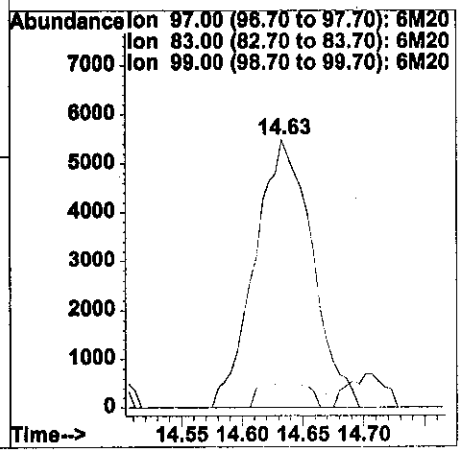


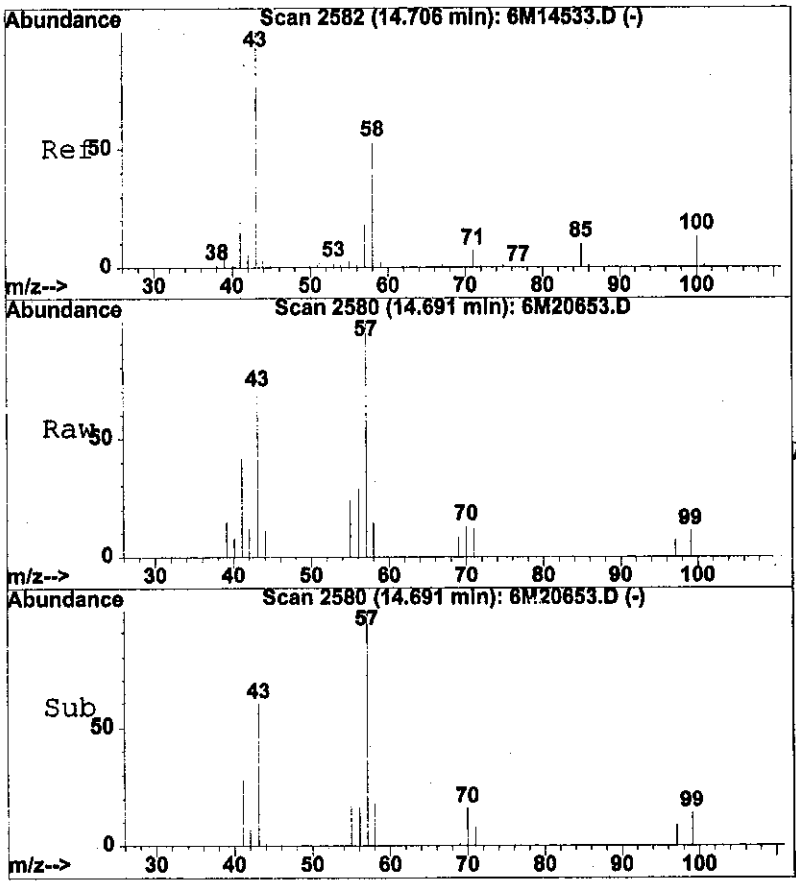


#49
1,1,2-Trichloroethane
Concen: 2.07 ug/kg
RT: 14.63 min Scan# 2569
Delta R.T. -0.12 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 97 Resp: 18025

Ion	Ratio	Lower	Upper
97	100		
83	8.1	70.5	105.7#
99	0.0	49.8	74.6#

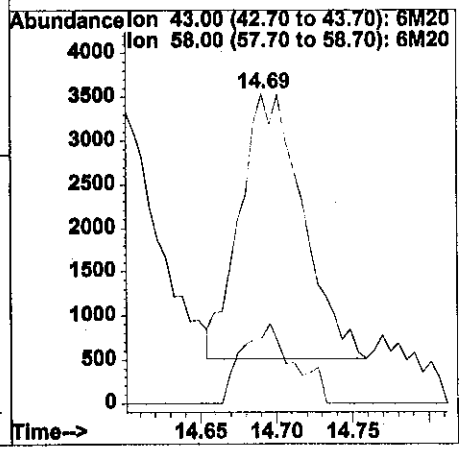


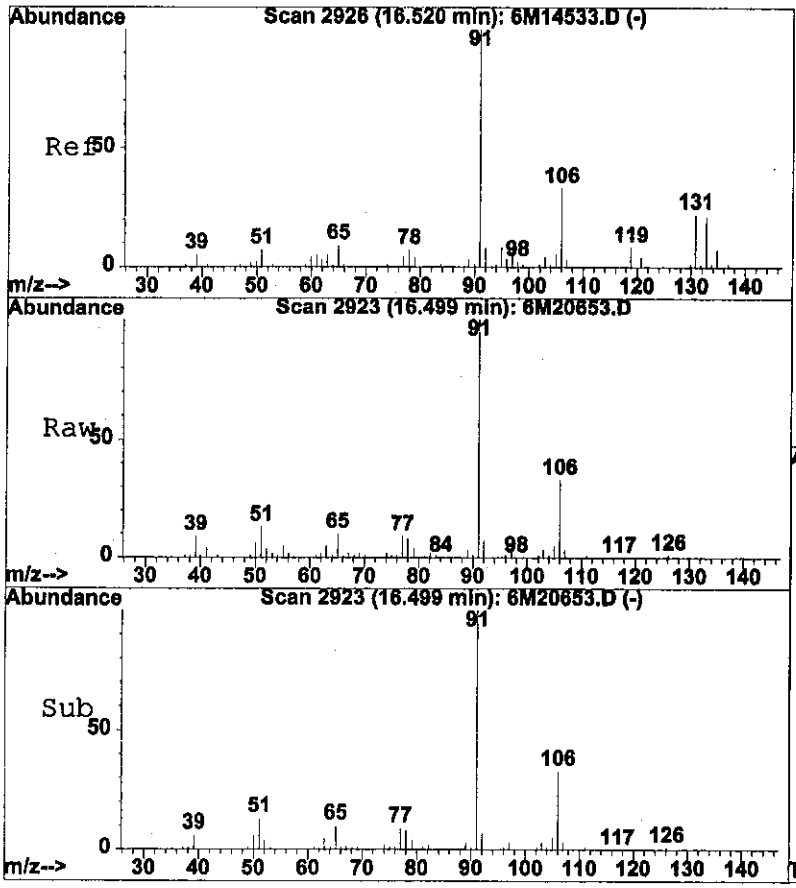


#50
2-Hexanone
Concen: 0.78 ug/kg
RT: 14.69 min Scan# 2580
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 43 Resp: 8652

Ion	Ratio	Lower	Upper
43	100		
58	24.4	5.5	8.3#

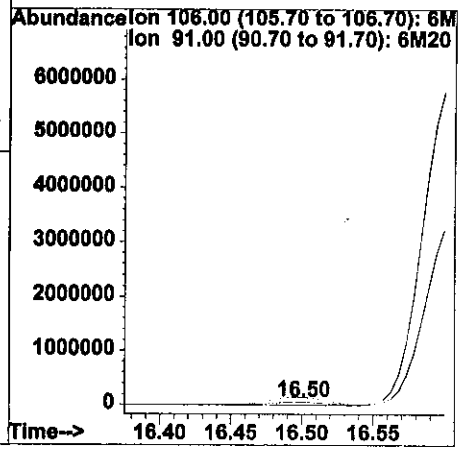


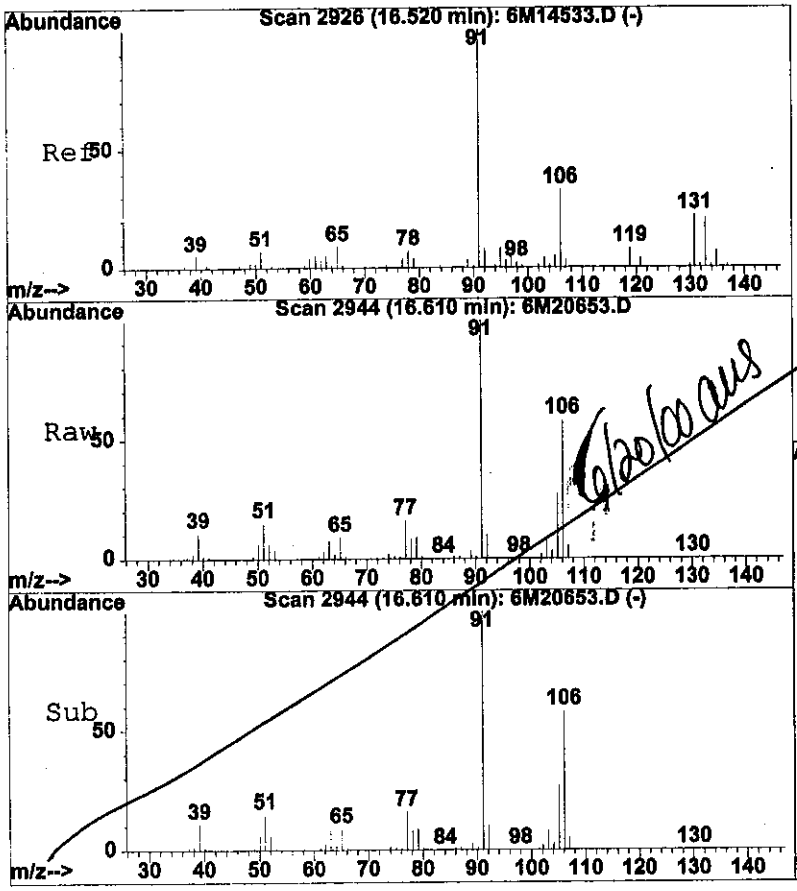


#58
Ethylbenzene
Concen: 7.40 ug/kg m
RT: 16.50 min Scan# 2923
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:106 Resp: 124395

Ion	Ratio	Lower	Upper
106	100		
91	15635.0	259.6	389.4#

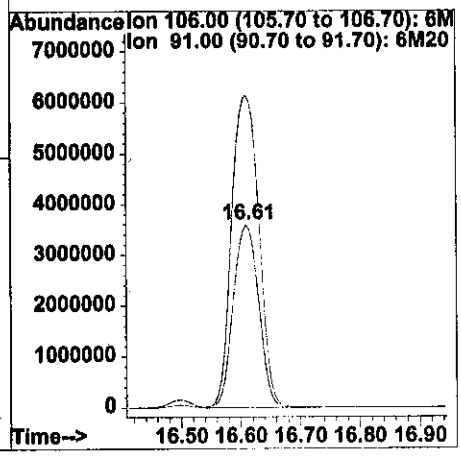


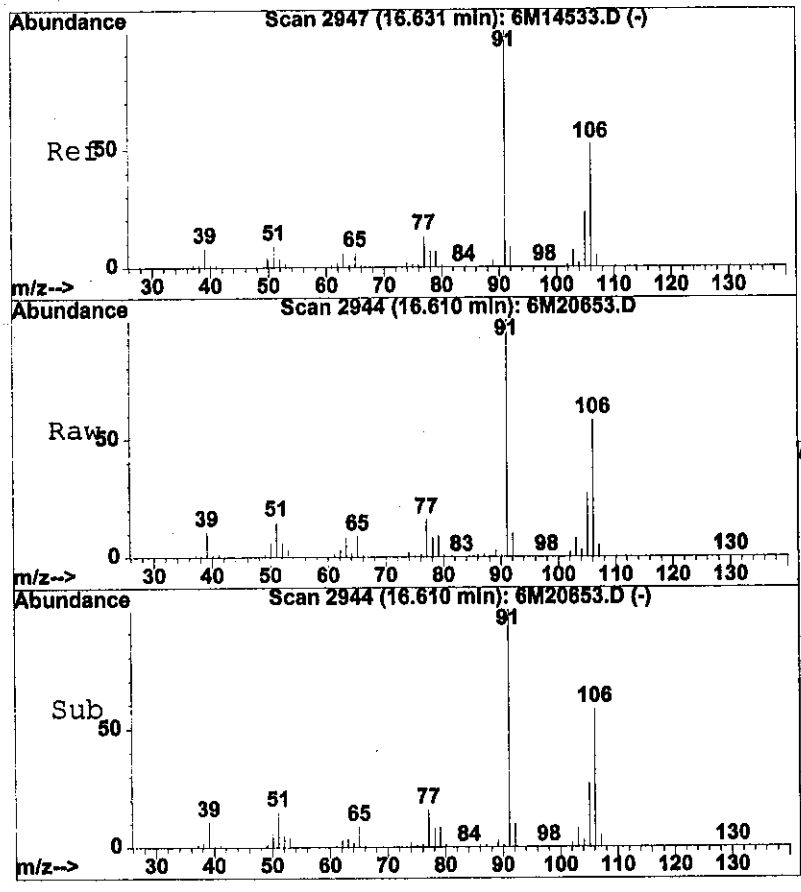


#58
Ethylbenzene
Concen: 630.61 ug/kg
RT: 16.61 min Scan# 2944
Delta R.T. 0.11 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:106 Resp:10600429

Ion	Ratio	Lower	Upper
106	100		
91	183.5	259.6	389.4#

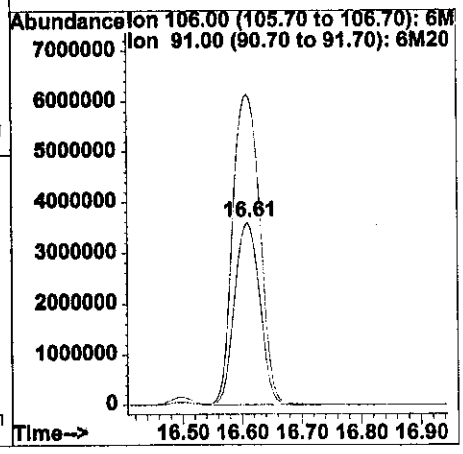


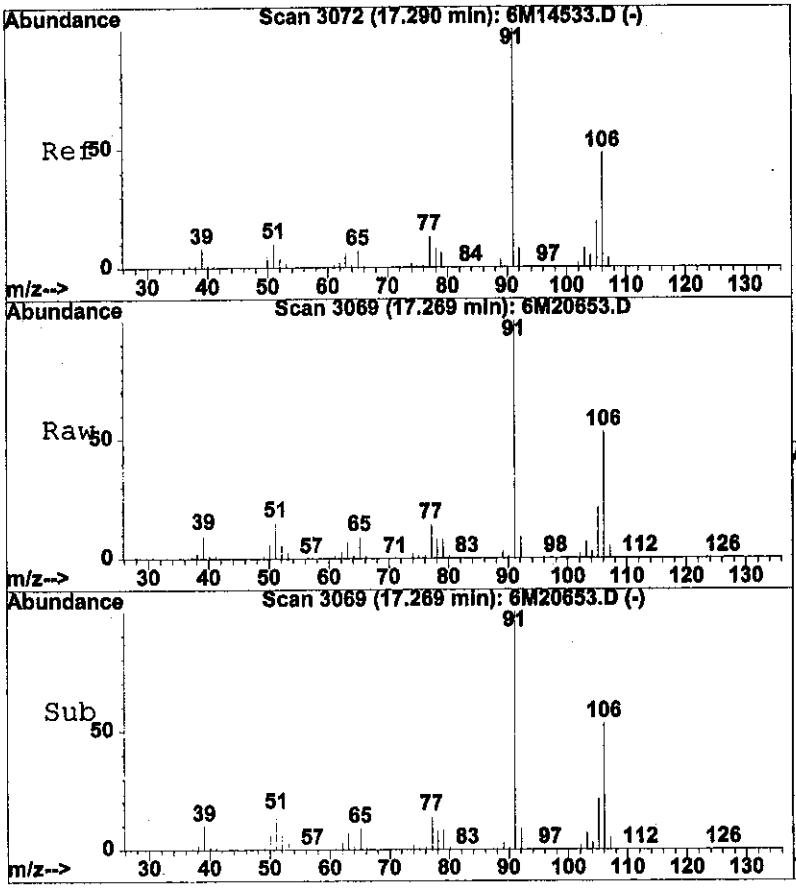


#59
m-,p-Xylene
Concen: 499.88 ug/kg
RT: 16.61 min Scan# 2944
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:106 Resp:10600429

Ion	Ratio	Lower	Upper
106	100		
91	183.5	165.9	248.9

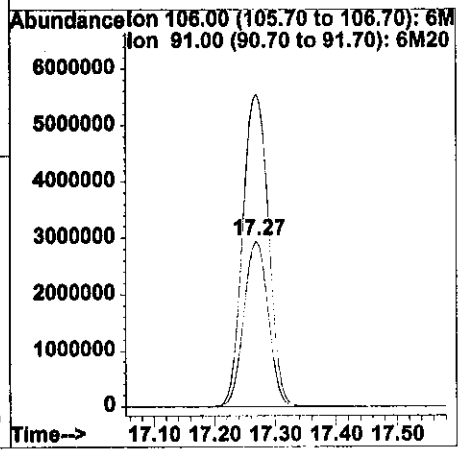


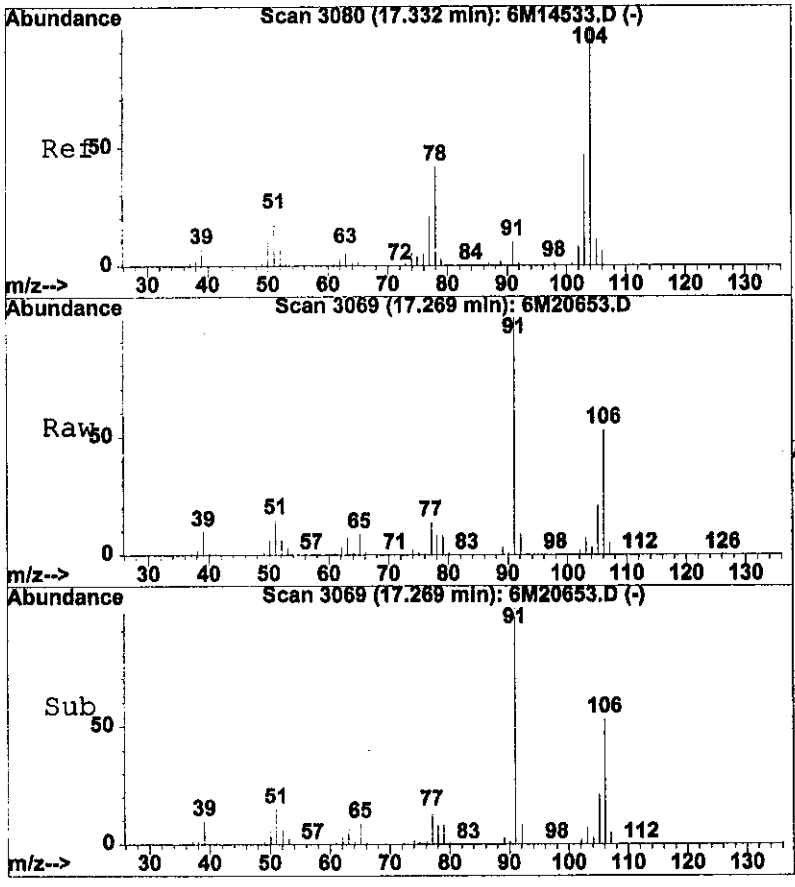


#60
o-Xylene
Concen: 407.86 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. 0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:106 Resp: 8270667

Ion	Ratio	Lower	Upper
106	100		
91	199.1	174.6	262.0

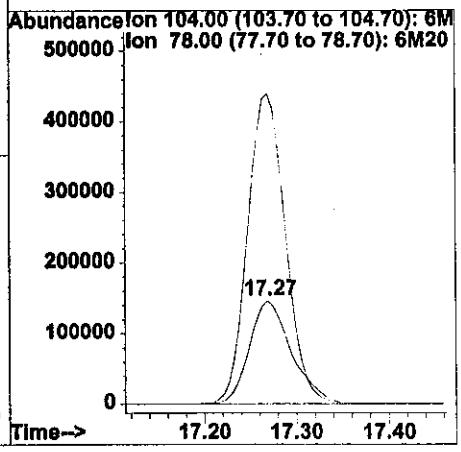


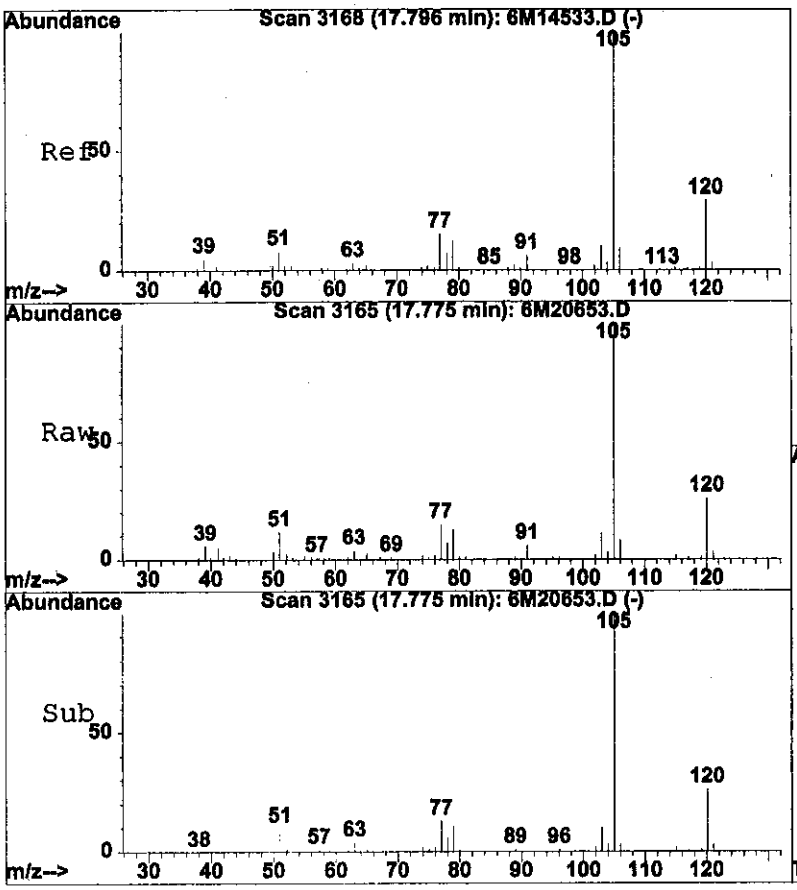


#61
Styrene
Concen: 13.58 ug/kg
RT: 17.27 min Scan# 3069
Delta R.T. -0.04 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:104 Resp: 464627

Ion	Ratio	Lower	Upper
104	100		
78	270.1	43.7	65.5#

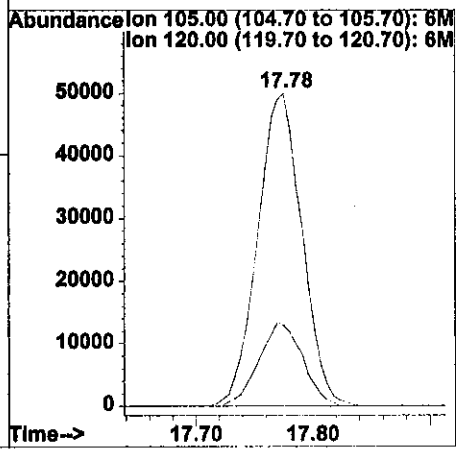


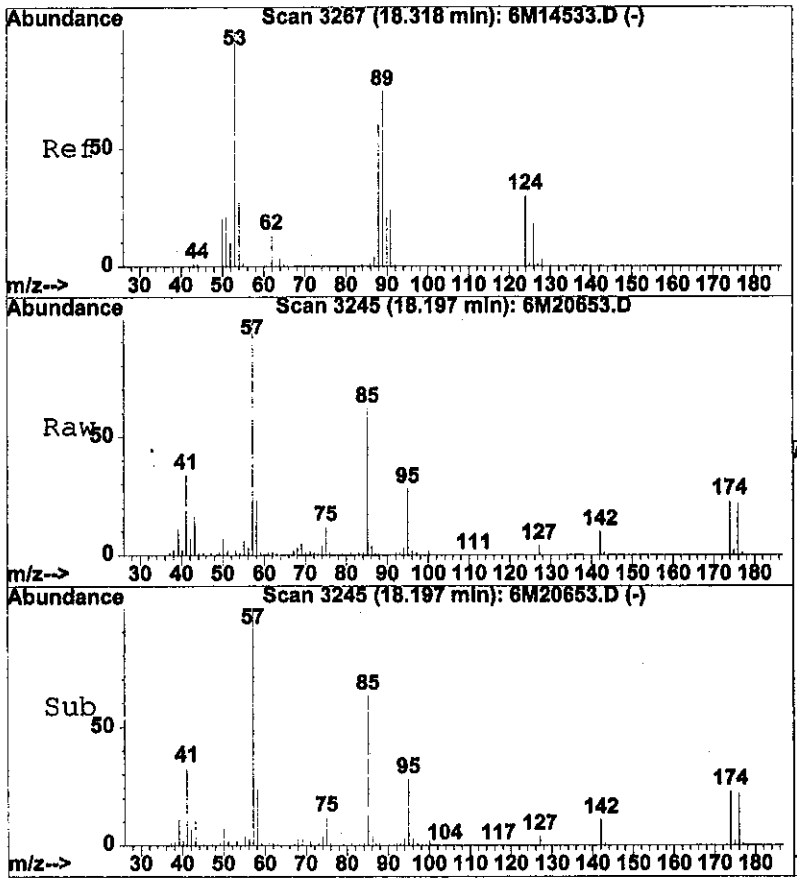


#63
Isopropylbenzene
Concen: 2.49 ug/kg
RT: 17.78 min Scan# 3165
Delta R.T. 0.01 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:105 Resp: 131518

Ion	Ratio	Lower	Upper
105	100		
120	26.3	21.3	31.9

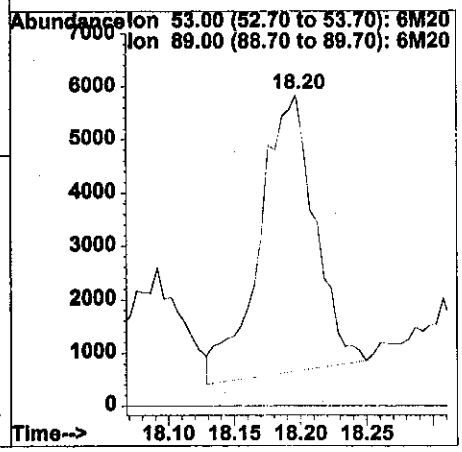


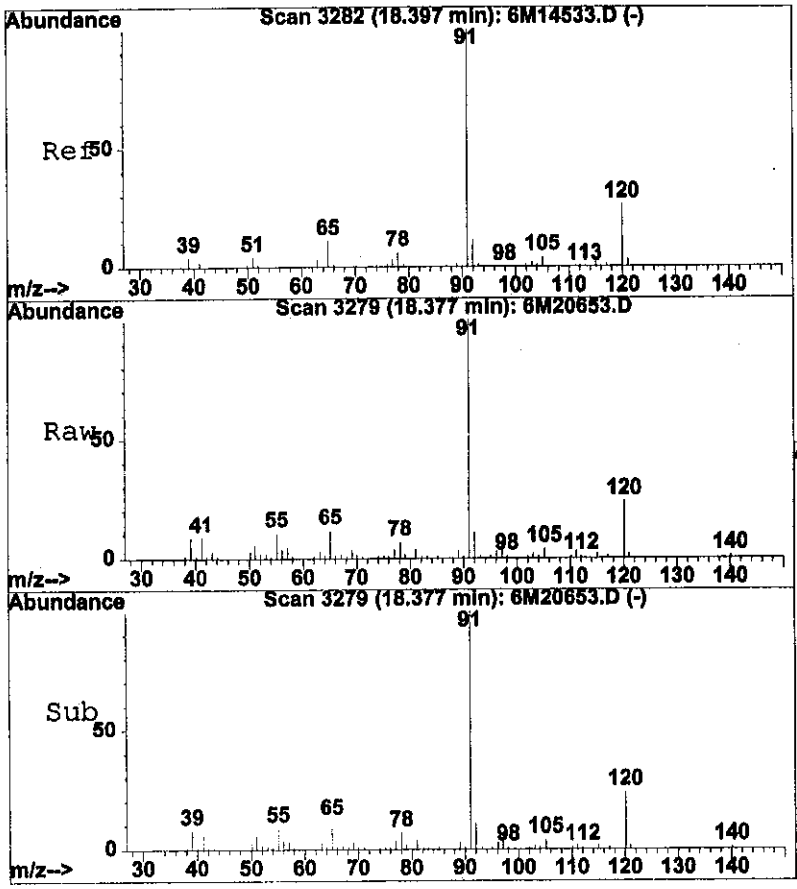


#68
trans-1,4-Dichloro-2-Butene
Concen: 3.42 ug/kg
RT: 18.20 min Scan# 3245
Delta R.T. -0.10 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 53 Resp: 15148

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

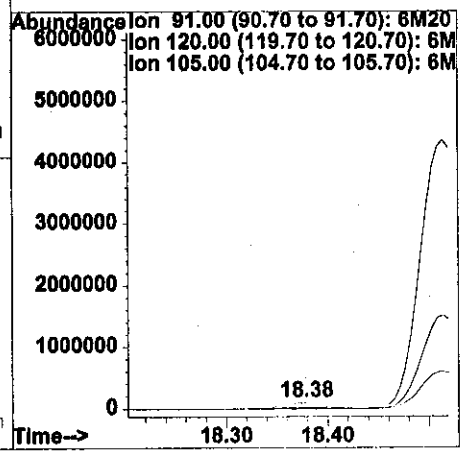


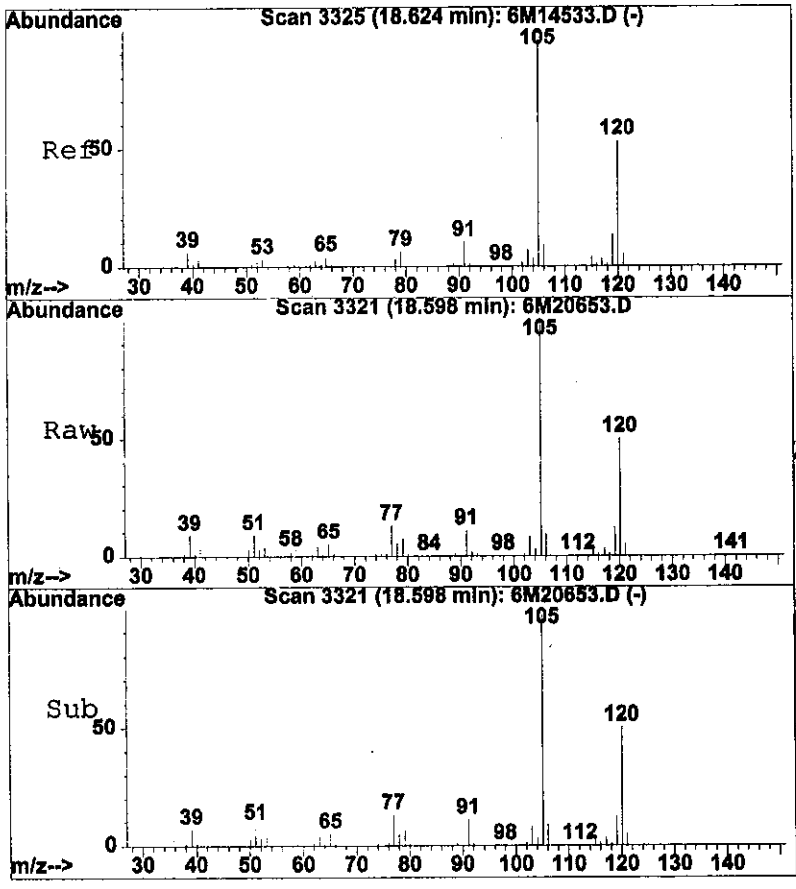


#69
n-Propylbenzene
Concen: 3.52 ug/kg
RT: 18.38 min Scan# 3279
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 91 Resp: 220145

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.6	26.4#
105	0.0	2.8	4.2#

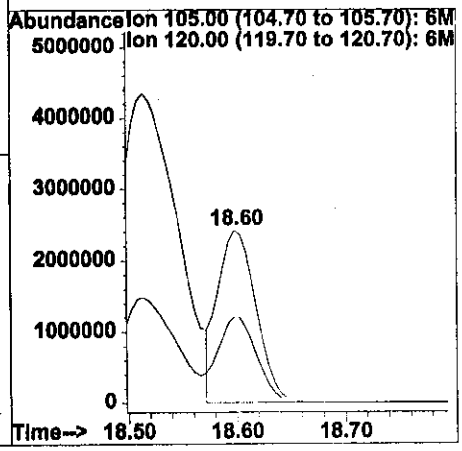


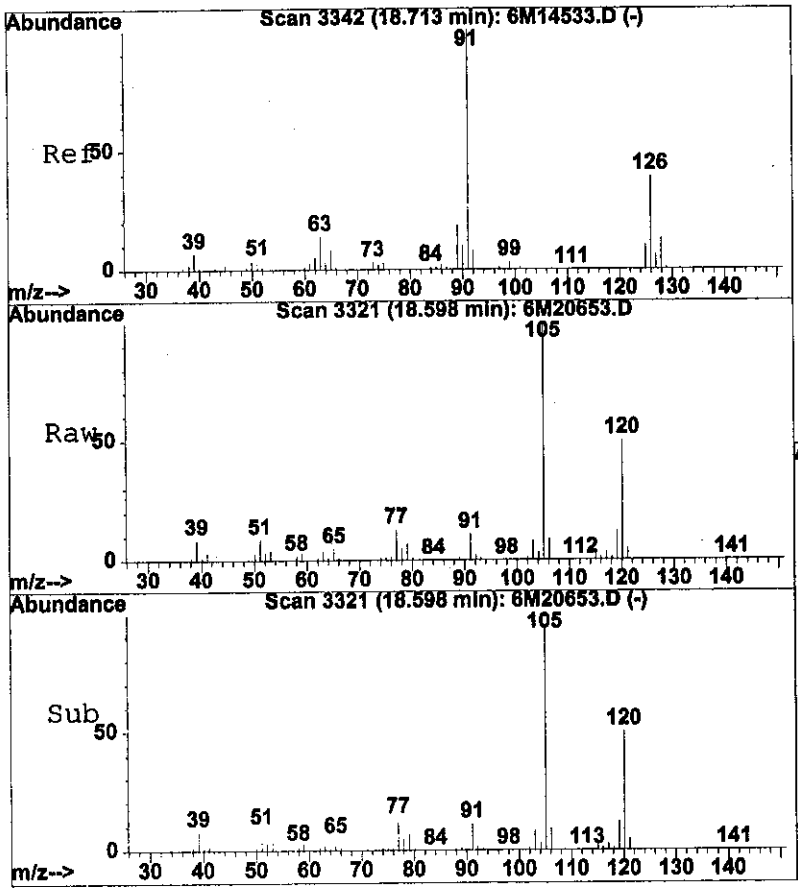


#71
1,3,5-Trimethylbenzene
Concen: 132.93 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:105 Resp: 5943271

Ion	Ratio	Lower	Upper
105	100		
120	51.7	38.2	57.4

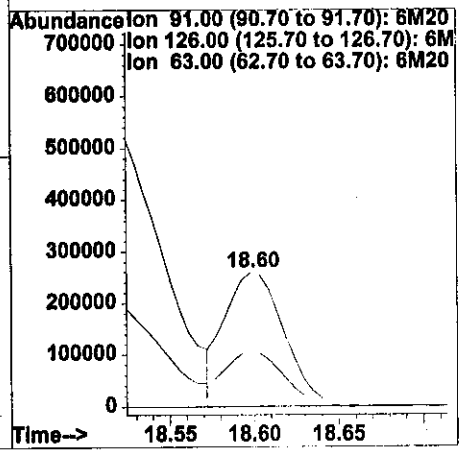


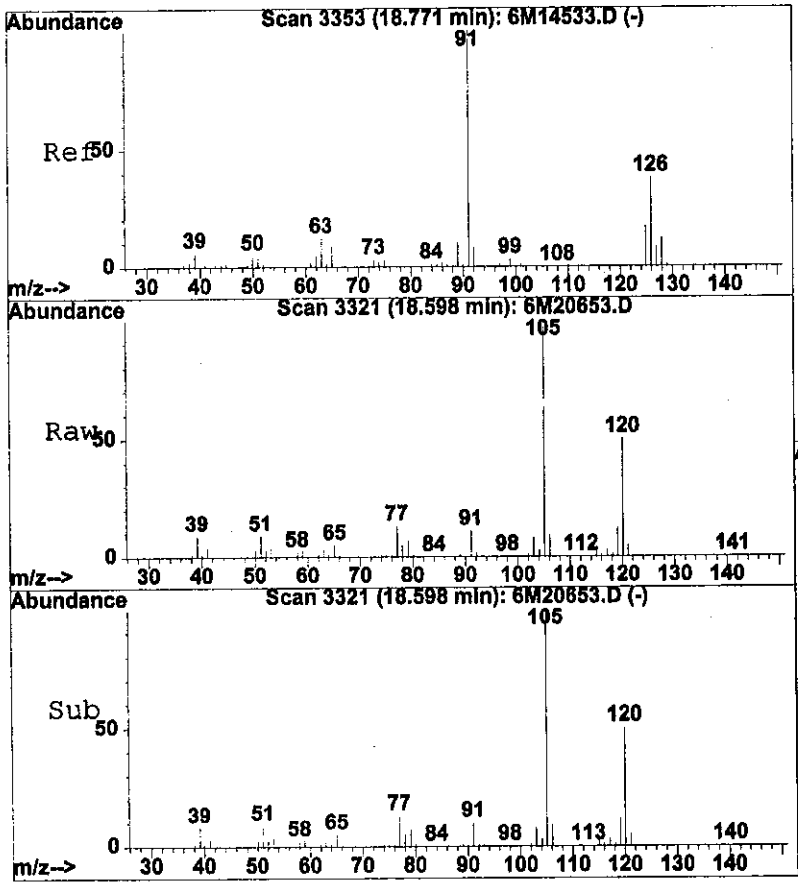


#72
2-Chlorotoluene
Concen: 15.93 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.09 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 91 Resp: 630724

Ion	Ratio	Lower	Upper
91	100		
126	0.0	25.4	38.0#
63	42.5	10.2	15.4#

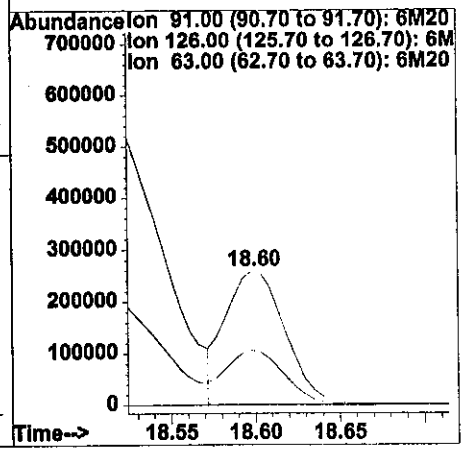


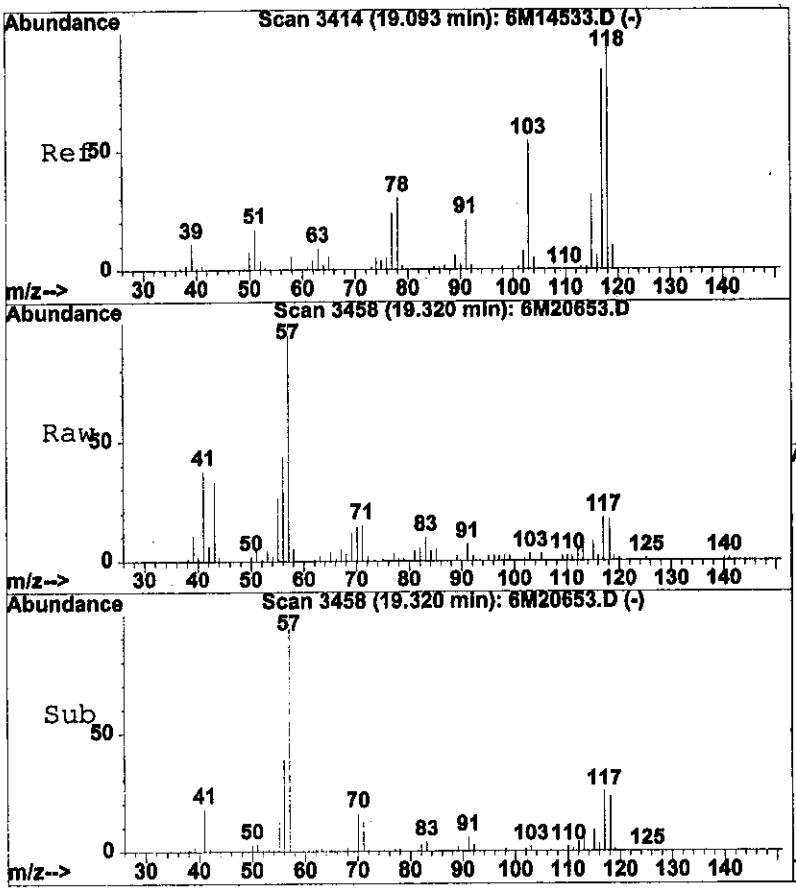


#73
4-Chlorotoluene
Concen: 15.74 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.15 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 91 Resp: 630684

Ion	Ratio	Lower	Upper
91	100		
126	0.0	24.3	36.5#
63	42.5	9.8	14.8#

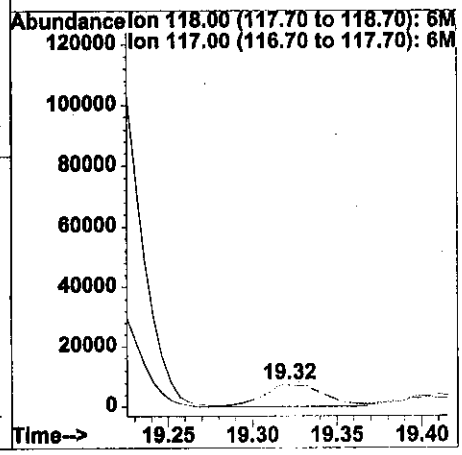


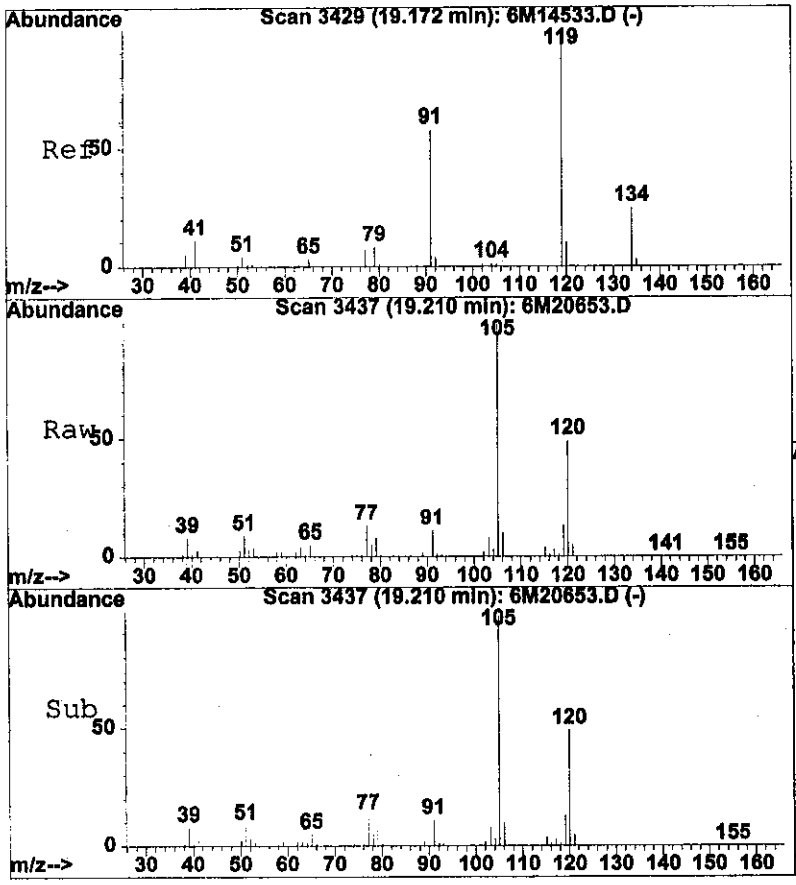


#74
a-Methylstyrene
Concen: 0.81 ug/kg
RT: 19.32 min Scan# 3458
Delta R.T. 0.25 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:118 Resp: 17987

Ion	Ratio	Lower	Upper
118	100		
117	98.9	67.6	101.4

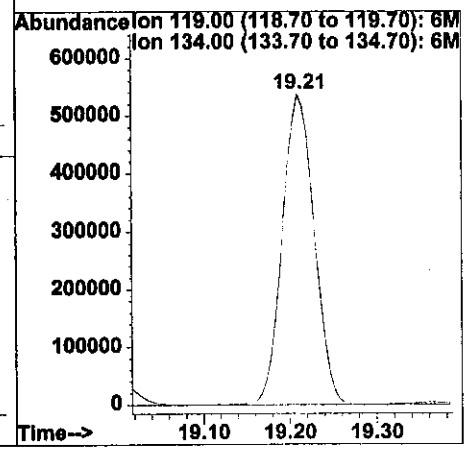


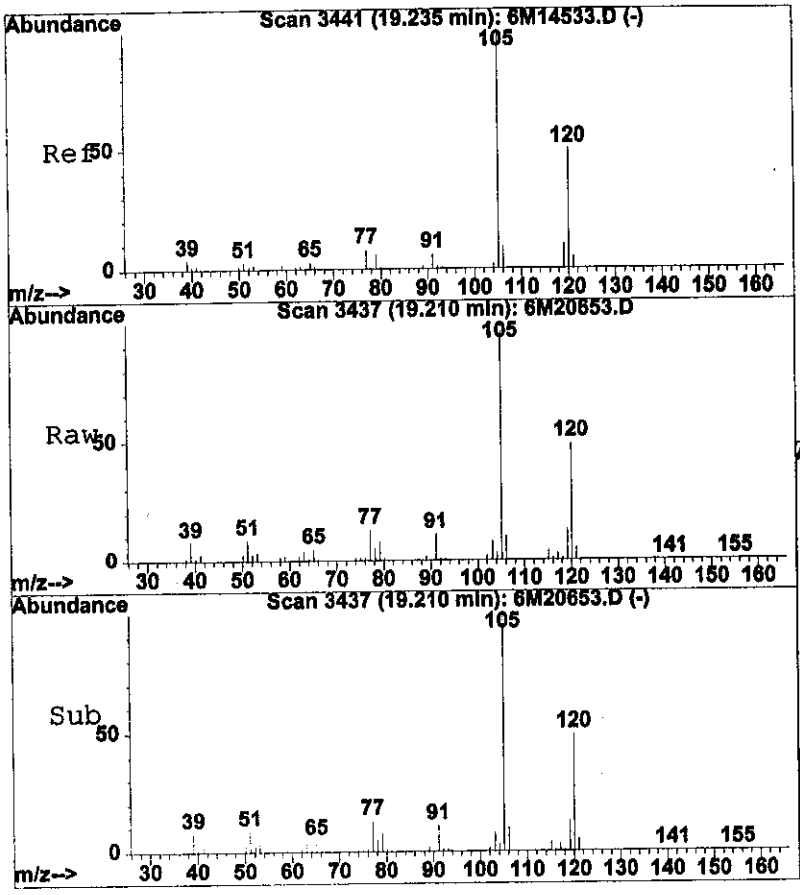


#75
tert-Butylbenzene
Concen: 33.73 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.07 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:119 Resp: 1369035

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

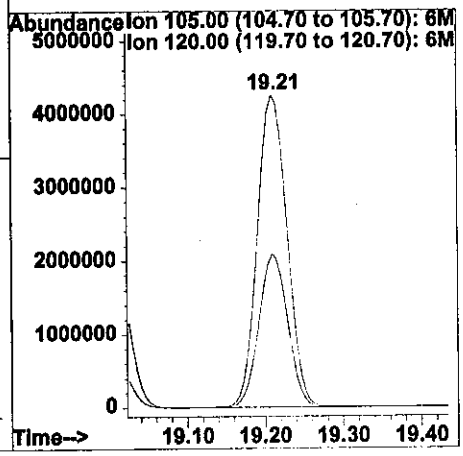


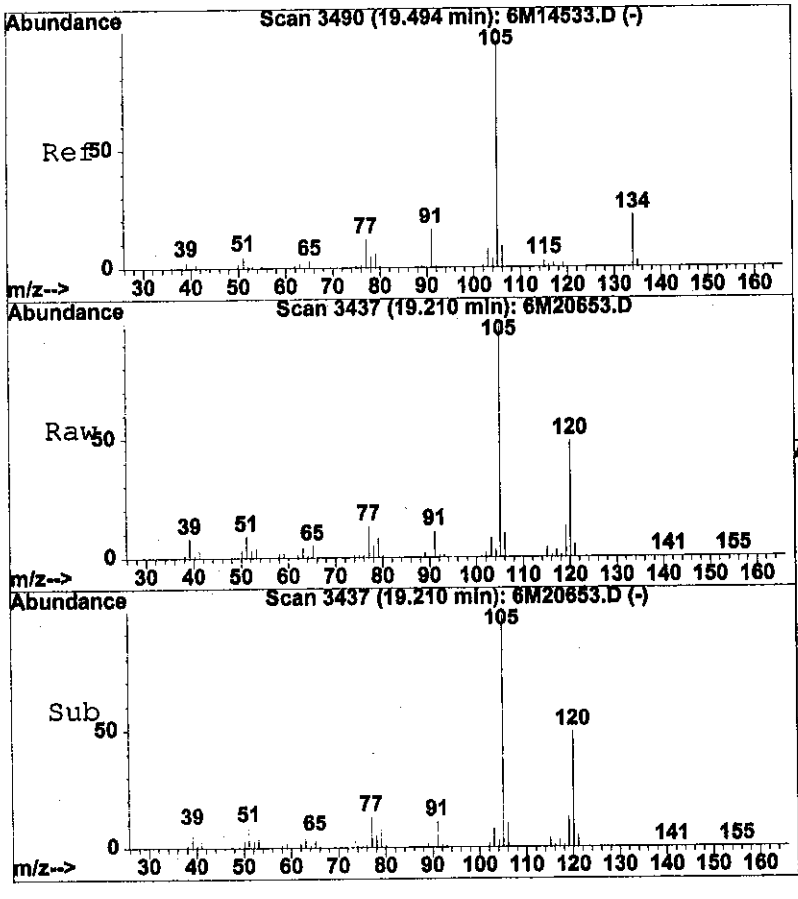


#76
1,2,4-Trimethylbenzene
Concen: 242.01 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:105 Resp:11259570

Ion	Ratio	Lower	Upper
105	100		
120	47.7	35.9	53.9

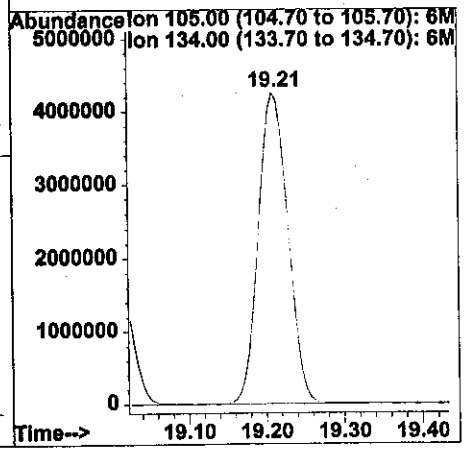


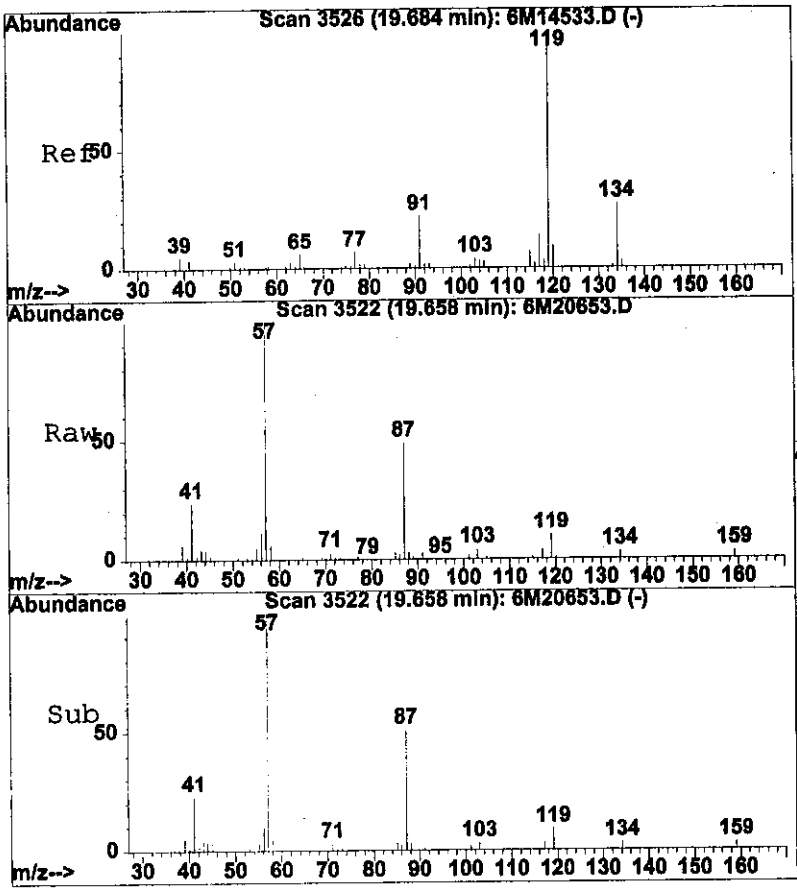


#77
sec-Butylbenzene
Concen: 195.15 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. -0.26 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:105 Resp:11259490

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.8	23.6#

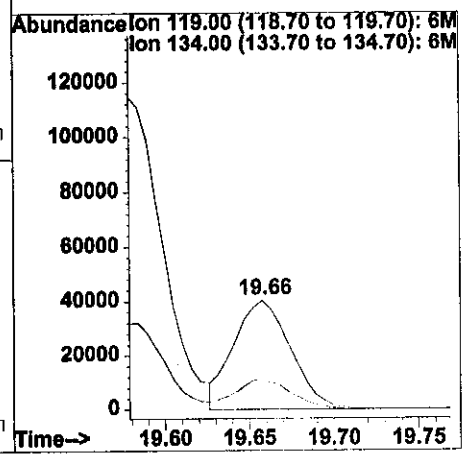


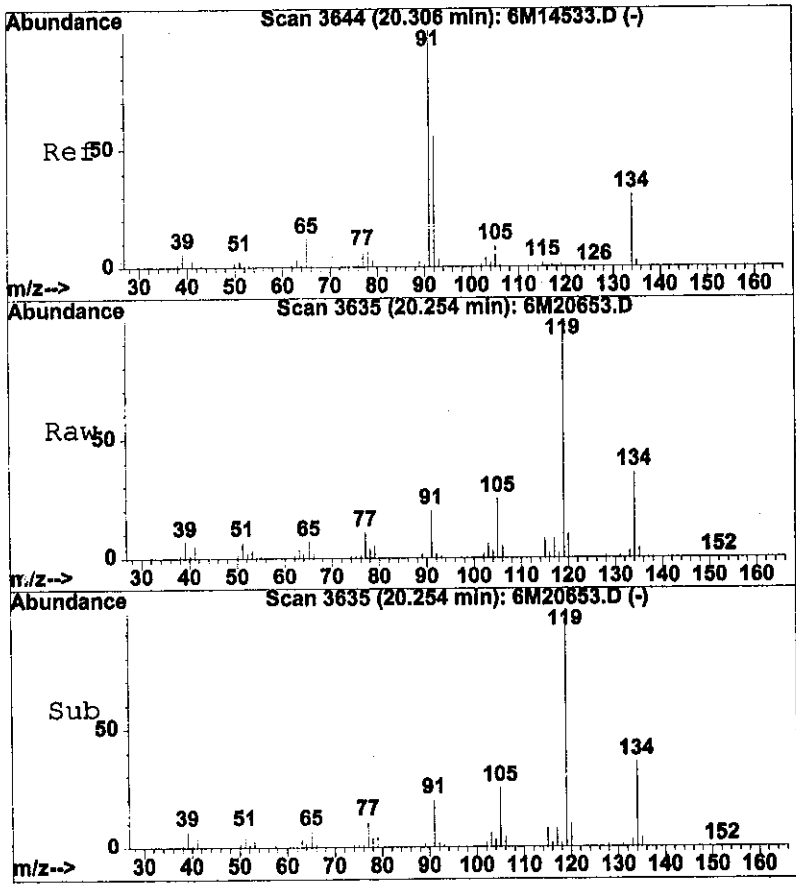


#78
p-Isopropyltoluene
Concen: 1.90 ug/kg
RT: 19.66 min Scan# 3522
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:119 Resp: 94376

Ion	Ratio	Lower	Upper
119	100		
134	26.9	21.4	32.2

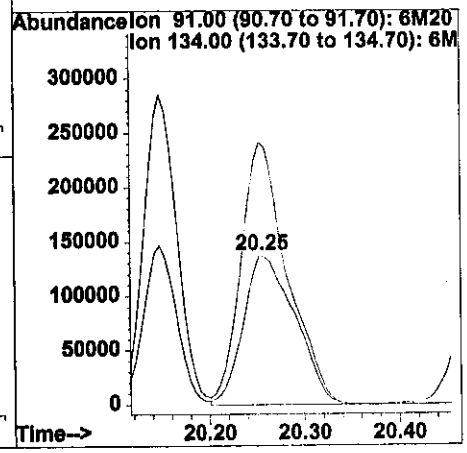


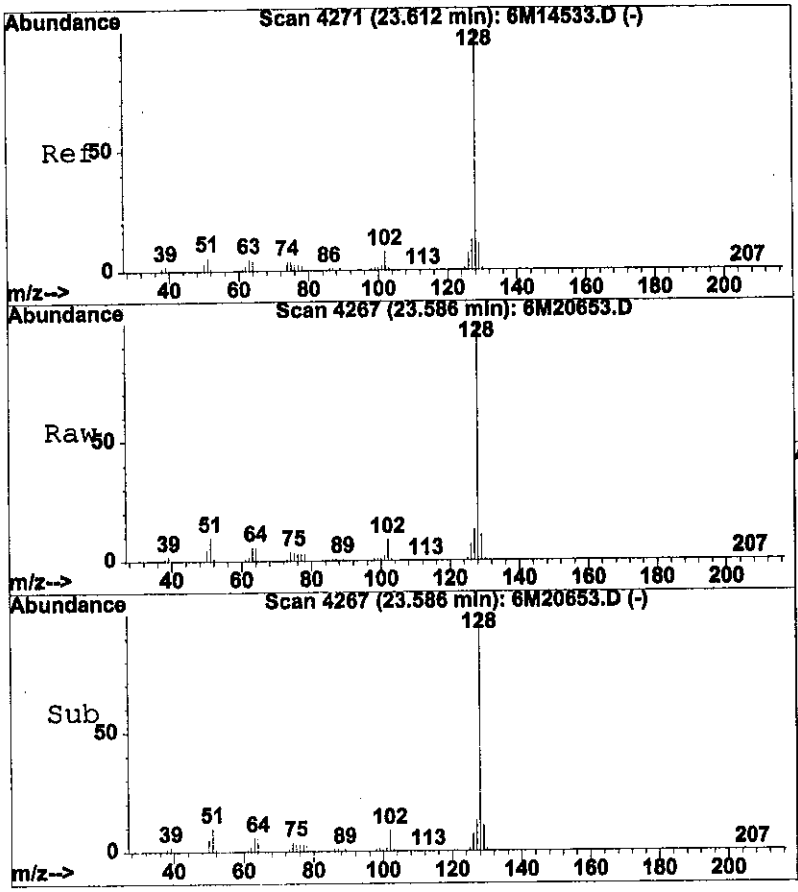


#81
n-Butylbenzene
Concen: 10.99 ug/kg
RT: 20.25 min Scan# 3635
Delta R.T. -0.03 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion: 91 Resp: 518032

Ion	Ratio	Lower	Upper
91	100		
134	157.1	19.5	29.3#

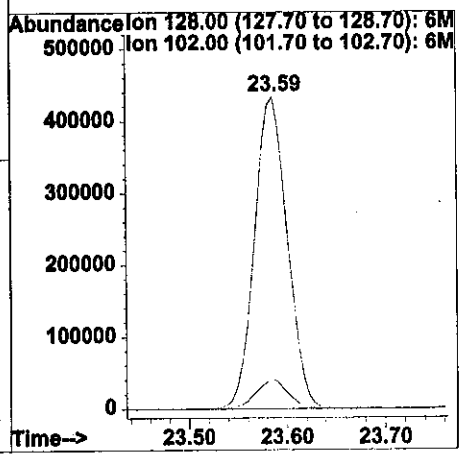




#86
Naphthalene
Concen: 24.32 ug/kg
RT: 23.59 min Scan# 4267
Delta R.T. -0.00 min
Lab File: 6M20653.D
Acq: 19 Jun 2000 16:13

Tgt Ion:128 Resp: 1006638

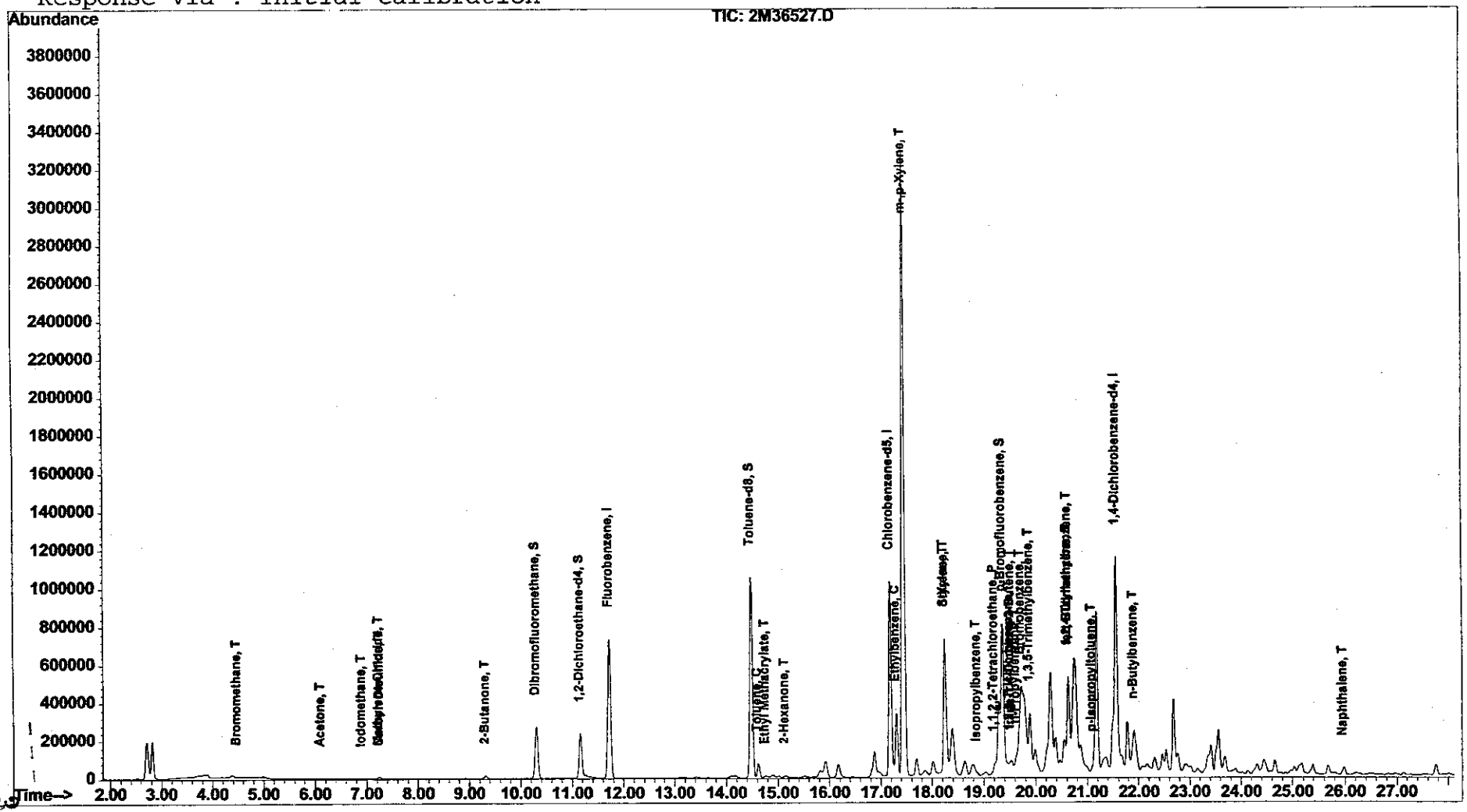
Ion	Ratio	Lower	Upper
128	100		
102	9.0	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36527.D Vial: 15
Acq On : 19 Jun 2000 18:27 Operator: CMS
Sample : L0006193-09 75X IT CORP 826-SPE-VO 6.5G/ Inst : HPMS2
Misc : SOLID,75 (1ML/50ML) 398-PPG-TANK Multiplr: ~~1.00~~ 75
6/20/00 cms
MS Integration Params: rteint.p
Quant Time: Jun 19 18:56 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36527.D Vial: 15
Acq On : 19 Jun 2000 18:27 Operator: CMS
Sample : L0006193-09 75X IT CORP 826-SPE-VO 6.5G/ Inst : HPMS2
Misc : SOLID,75 (1ML/50ML) 398-PPG-TANK Multiplr: 75.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:56 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.72	96	1300880	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1108951	25.00	UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.57	152	553024	25.00	UG/L	-0.04
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	325035	24.74	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.96%			
33) 1,2-Dichloroethane-d4	11.16	65	259471	22.98	UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 91.92%			
45) Toluene-d8	14.48	98	1397181	24.70	UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 98.80%			
66) p-Bromofluorobenzene	19.36	95	554894	24.09	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 96.36%			
Target Compounds						Qvalue
5) Bromomethane	4.48	94	1580	20.74	UG/L #	4
11) Acetone	6.11	43	10926	632.35	UG/L #	90
14) Iodomethane	6.90	142	1711	11.85	UG/L #	37
15) Methylene Chloride	7.23	84	6012	35.72	UG/L	93
16) Carbon Disulfide	7.26	76	7443	11.39	UG/L #	74
23) 2-Butanone	9.33	43	42069	1109.62	UG/L #J	90
46) Toluene	14.63	91	108780	106.78	ug/L J	98
47) Ethyl Methacrylate	14.78	69	2018	9.35	UG/L #	56
50) 2-Hexanone	15.14	43	6639	84.87	UG/L #	30
58) Ethylbenzene	17.31	106	138486	432.18	UG/L	100
59) m-,p-Xylene	17.45	106	1900688	4928.64	UG/L	99
60) o-Xylene	18.24	106	395610	1021.67	UG/L	98
61) Styrene	18.24	104	22811	34.25	UG/L #	1
63) Isopropylbenzene	18.88	105	25172	25.69	ug/L	98
65) 1,1,2,2-Tetrachloroethane	19.20	83	14734	82.66	UG/L #	18
67) 1,2,3-Trichloropropane	19.50	110	2312	61.25	UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.53	53	1746	38.76	UG/L #	16
69) n-Propylbenzene	19.61	91	39496	28.98	UG/L #	99
70) Bromobenzene	19.73	156	2316	9.25	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	334409	400.68	UG/L	92
75) tert-Butylbenzene	20.64	119	56855	72.54	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	480386	575.57	UG/L	95
78) p-Isopropyltoluene	21.09	119	25145	31.85	UG/L	95
81) n-Butylbenzene	21.93	91	65161	85.41	UG/L #	1
86) Naphthalene	25.98	128	58320	193.93	UG/L	97

(#) = qualifier out of range (m) = manual integration

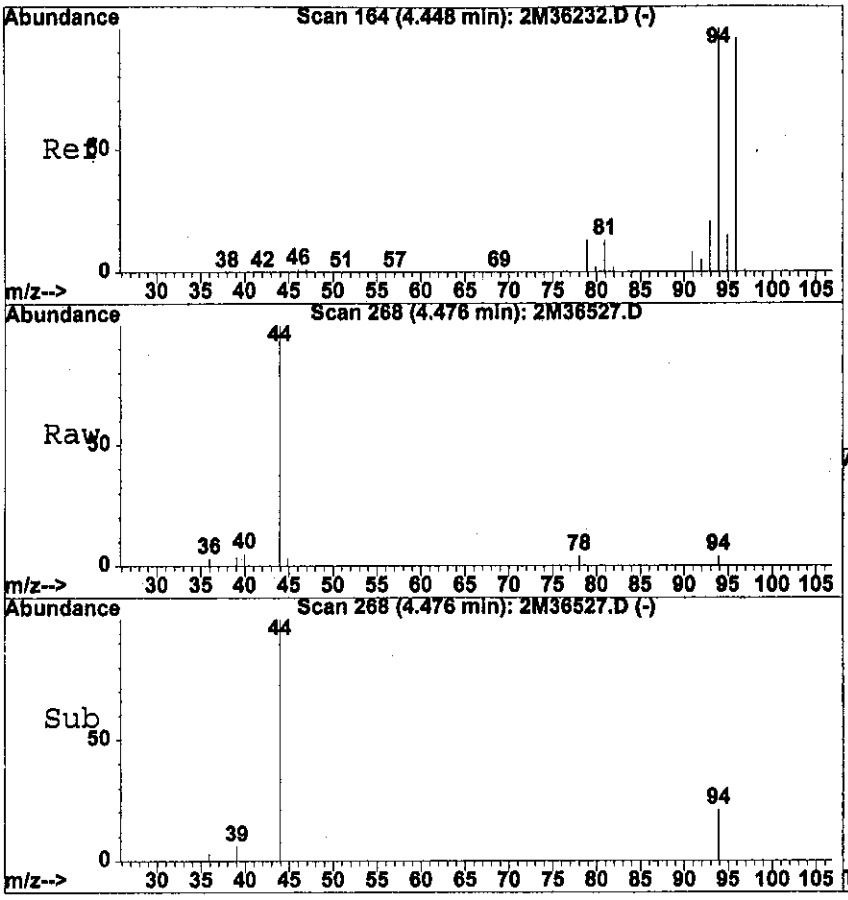
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36527.D Vial: 15
Acq On : 19 Jun 2000 18:27 Operator: CMS
Sample : L0006193-09 75X IT CORP 826-SPE-VO 6.5G/ Inst : HPMS2
Misc : SOLID,75 (1ML/50ML) 398-PPG-TANK Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 18:56 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.72	96	1300880	25.00	UG/L	-0.04
44) Chlorobenzene-d5	17.18	117	1108951	25.00	UG/L	-0.04
64) 1,4-Dichlorobenzene-d4	21.57	152	553024	25.00	UG/L	-0.04
System Monitoring Compounds						
28) Dibromofluoromethane	10.30	111	325035	24.74	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.96%			
33) 1,2-Dichloroethane-d4	11.16	65	259471	22.98	UG/L	-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 91.92%			
45) Toluene-d8	14.48	98	1397181	24.70	UG/L	-0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 98.80%			
66) p-Bromofluorobenzene	19.36	95	554894	24.09	UG/L	-0.04
Spiked Amount 25.000	Range 86 - 115		Recovery = 96.36%			
Target Compounds						Qvalue
5) Bromomethane	4.48	94	1580	0.28	UG/L #	4
11) Acetone	6.11	43	10926	8.43	UG/L #	90
14) Iodomethane	6.90	142	1711	0.16	UG/L #	37
15) Methylene Chloride	7.23	84	6012	0.48	UG/L	93
16) Carbon Disulfide	7.26	76	7443	0.15	UG/L #	74
23) 2-Butanone	9.33	43	42069	14.79	UG/L J	90
46) Toluene	14.63	91	108780	1.42	ug/L J	98
47) Ethyl Methacrylate	14.78	69	2018	0.12	UG/L #	56
50) 2-Hexanone	15.14	43	6639	1.13	UG/L #	30
58) Ethylbenzene	17.31	106	138486	5.76	UG/L	100
59) m-,p-Xylene	17.45	106	1900688	65.72	UG/L	99
60) o-Xylene	18.24	106	395610	13.62	UG/L	98
61) Styrene	18.24	104	22811	0.46	UG/L #	1
63) Isopropylbenzene	18.88	105	25172	0.34	ug/L	98
65) 1,1,2,2-Tetrachloroethane	19.20	83	14734	1.10	UG/L #	18
67) 1,2,3-Trichloropropane	19.50	110	2312	0.82	UG/L #	1
68) trans-1,4-Dichloro-2-Buten	19.53	53	1746	0.52	UG/L #	16
69) n-Propylbenzene	19.61	91	39496	0.39	UG/L #	99
70) Bromobenzene	19.73	156	2316	0.12	UG/L #	1
71) 1,3,5-Trimethylbenzene	19.89	105	334409	5.34	UG/L	92
75) tert-Butylbenzene	20.64	119	56855	0.97	UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	480386	7.67	UG/L	95
78) p-Isopropyltoluene	21.09	119	25145	0.42	UG/L	95
81) n-Butylbenzene	21.93	91	65161	1.14	UG/L #	1
86) Naphthalene	25.98	128	58320	2.59	UG/L	97

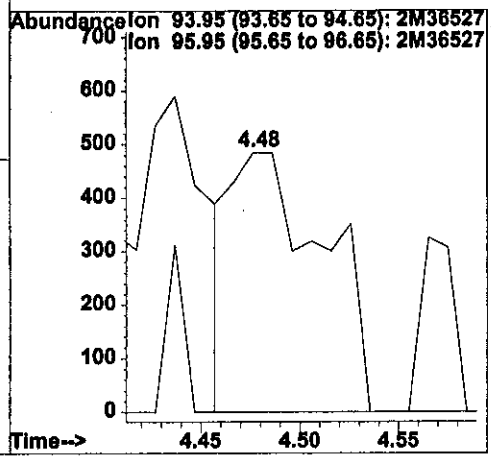
(#) = qualifier out of range (m) = manual integration

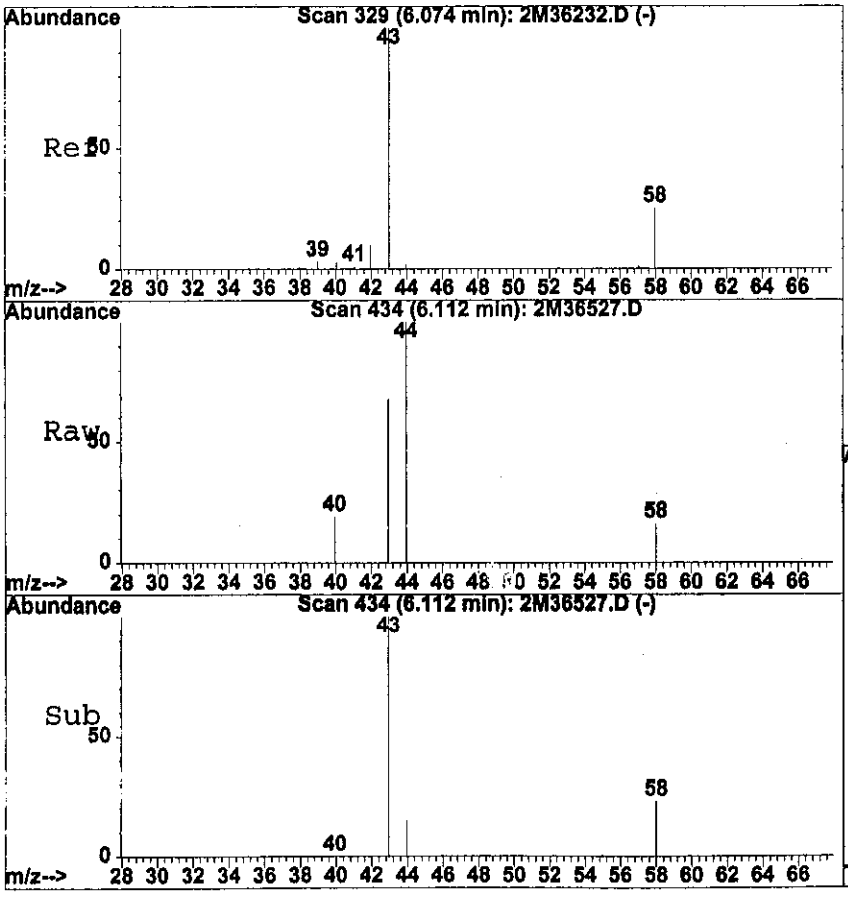


#5
Bromomethane
Concen: 20.74 UG/L
RT: 4.48 min Scan# 268
Delta R.T. -0.03 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 94 Resp: 1580

Ion	Ratio	Lower	Upper
94	100		
96	0.0	73.7	110.5#

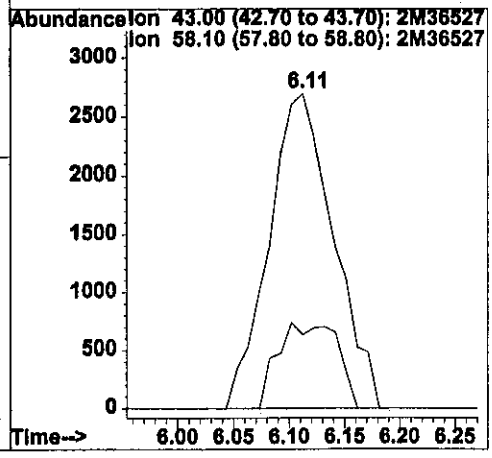


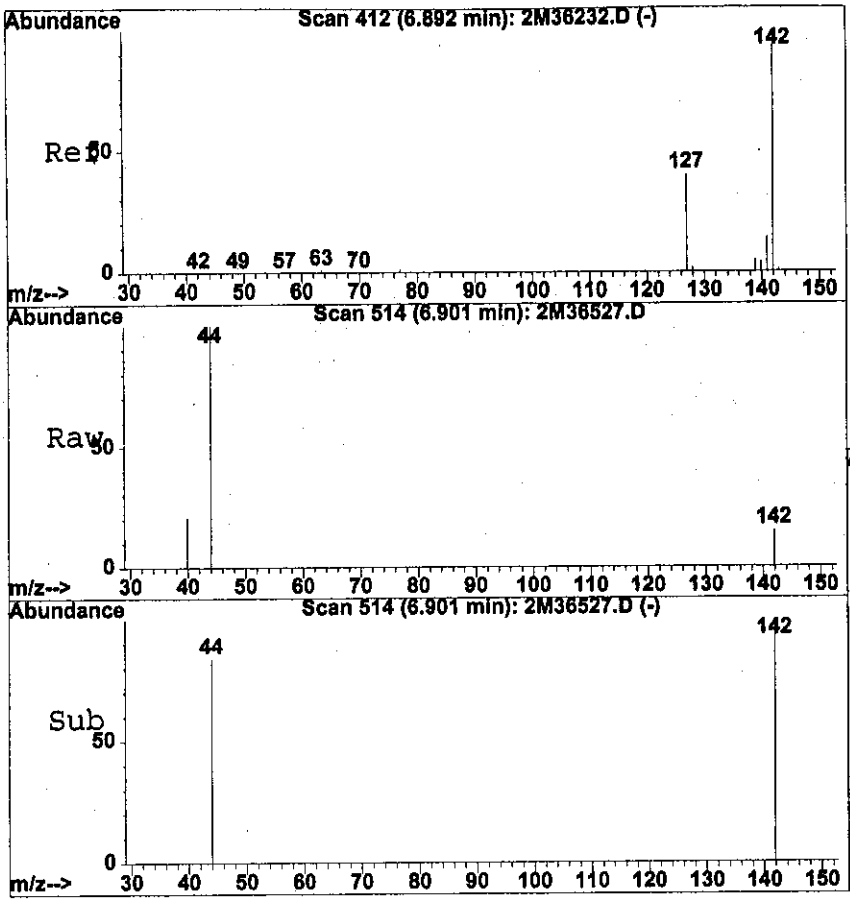


#11
Acetone
Concen: 632.35 UG/L
RT: 6.11 min Scan# 434
Delta R.T. -0.03 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 43 Resp: 10926

Ion	Ratio	Lower	Upper
43	100		
58	25.1	16.3	24.5#

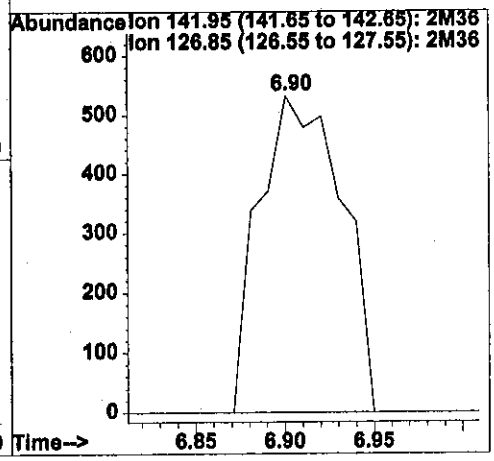


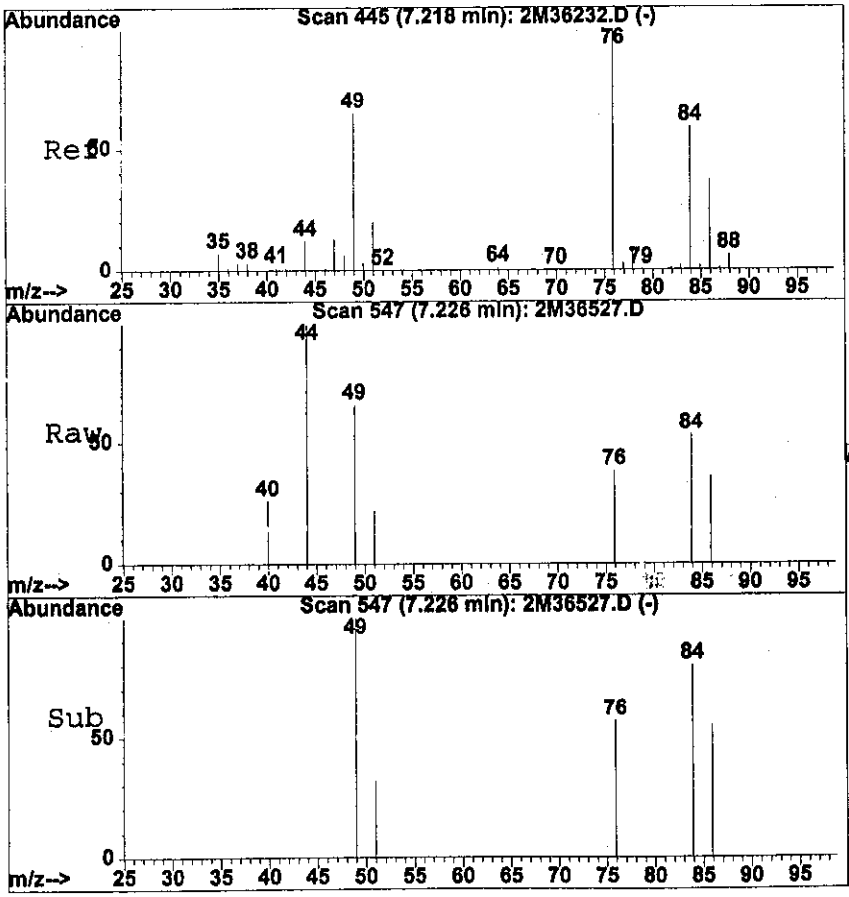


#14
Iodomethane
Concen: 11.85 UG/L
RT: 6.90 min Scan# 514
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:142 Resp: 1711

Ion	Ratio	Lower	Upper
142	100		
127	0.0	30.4	45.6#

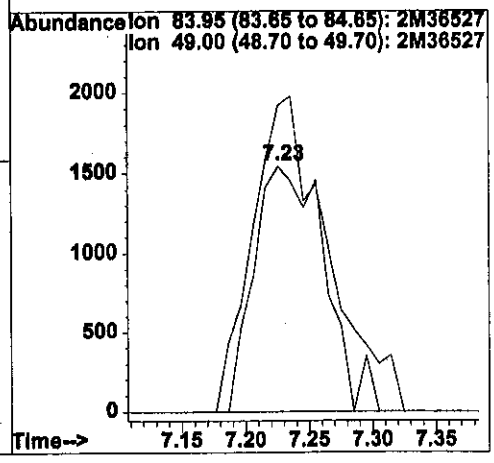


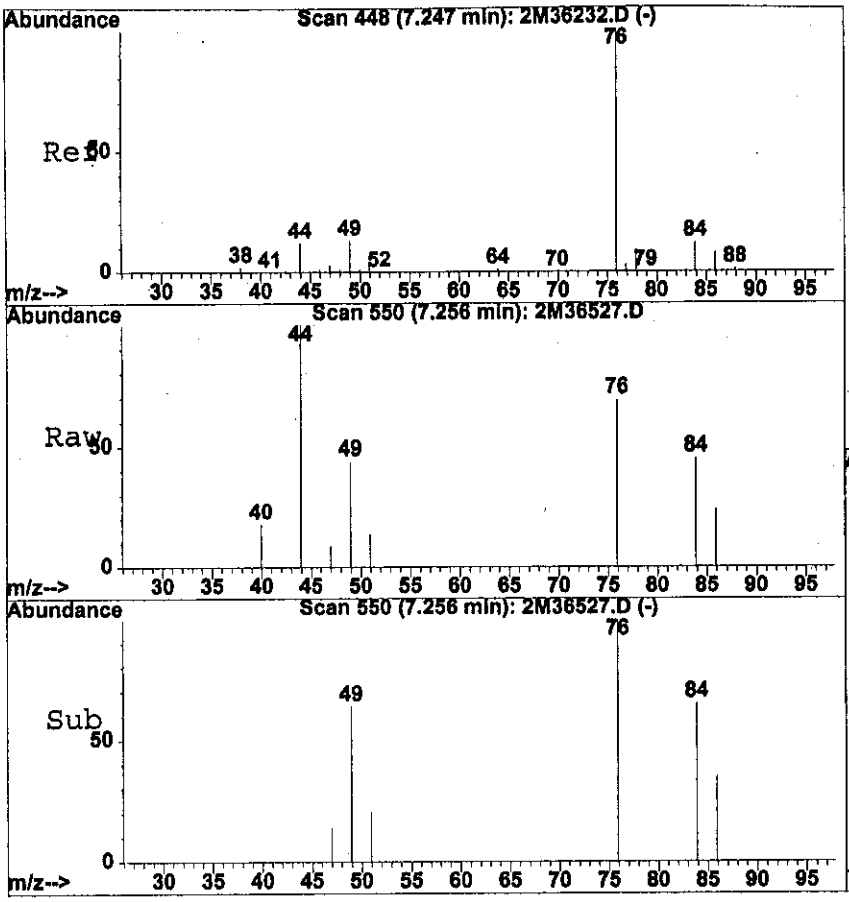


#15
Methylene Chloride
Concen: 35.72 UG/L
RT: 7.23 min Scan# 547
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 84 Resp: 6012

Ion	Ratio	Lower	Upper
84	100		
49	135.4	102.2	153.4

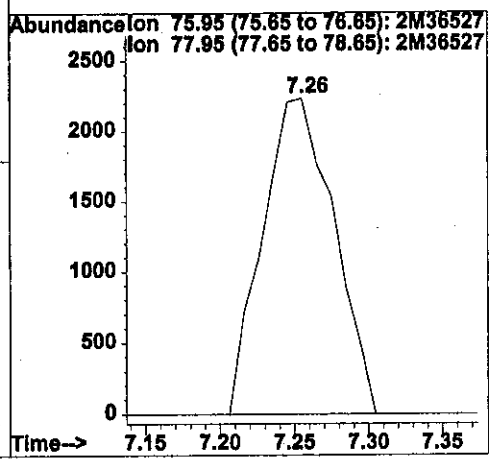


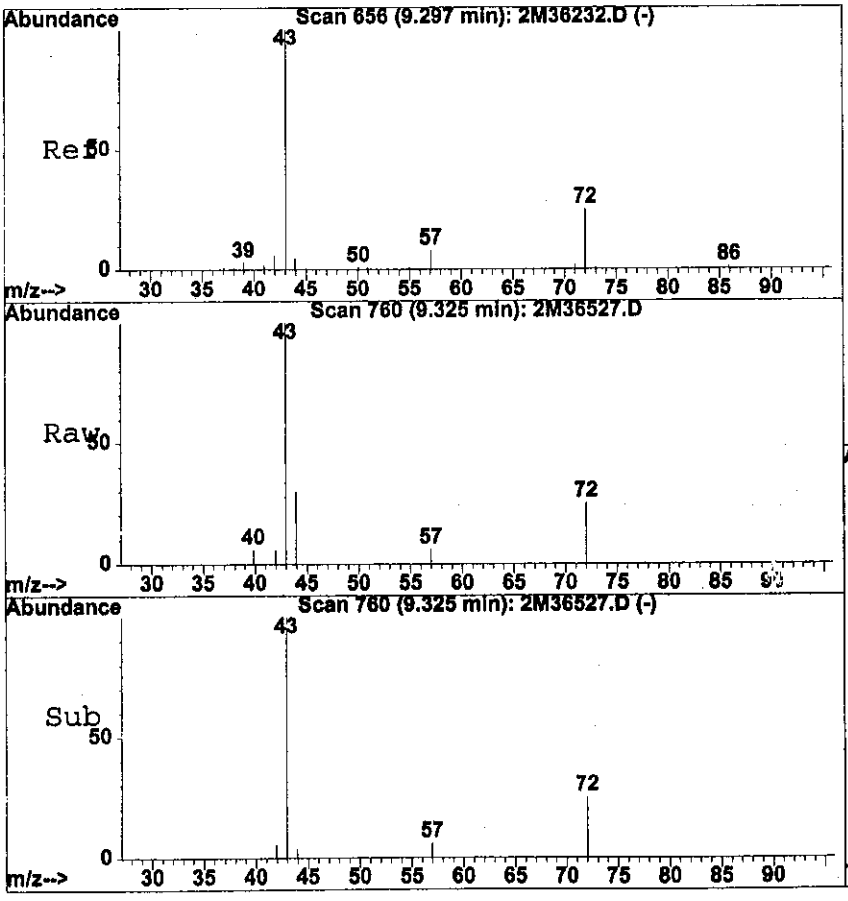


#16
Carbon Disulfide
Concen: 11.39 UG/L
RT: 7.26 min Scan# 550
Delta R.T. -0.05 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 76 Resp: 7443

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

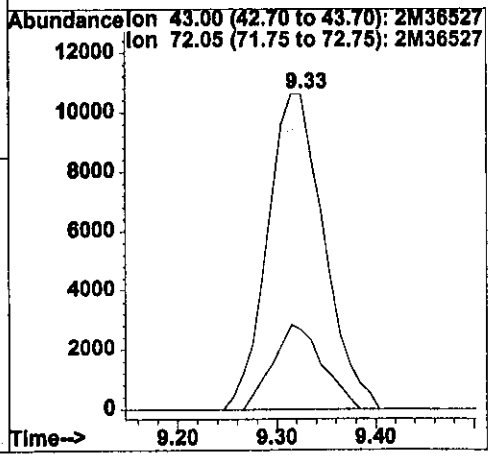


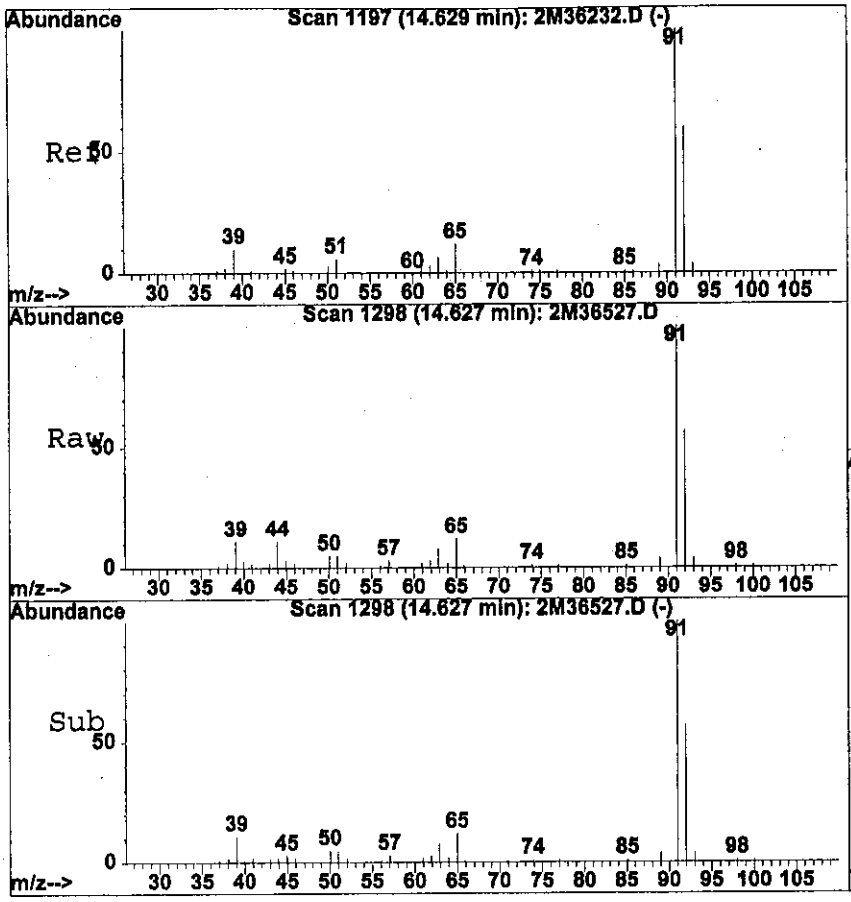


#23
2-Butanone
Concen: 1109.62 UG/L
RT: 9.33 min Scan# 760
Delta R.T. -0.01 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 43 Resp: 42069

Ion	Ratio	Lower	Upper
43	100		
72	23.5	15.3	22.9#

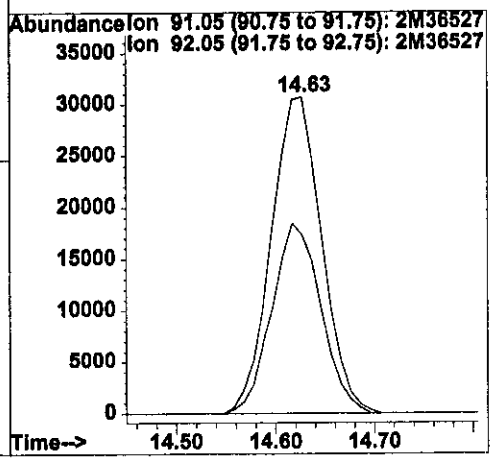


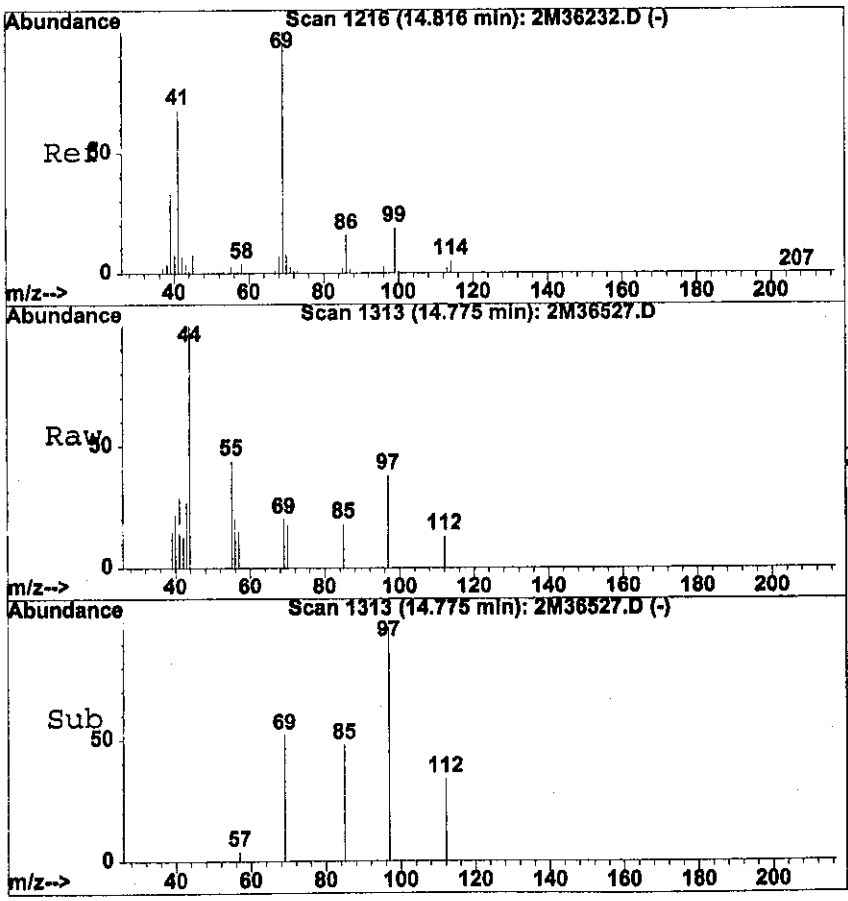


#46
Toluene
Concen: 106.78 ug/L
RT: 14.63 min Scan# 1298
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 91 Resp: 108780

Ion	Ratio	Lower	Upper
91	100		
92	58.6	48.3	72.5

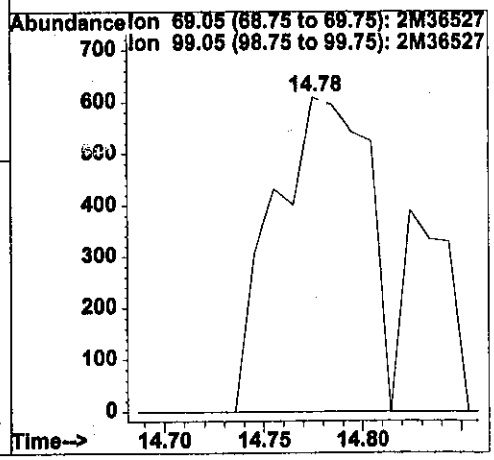


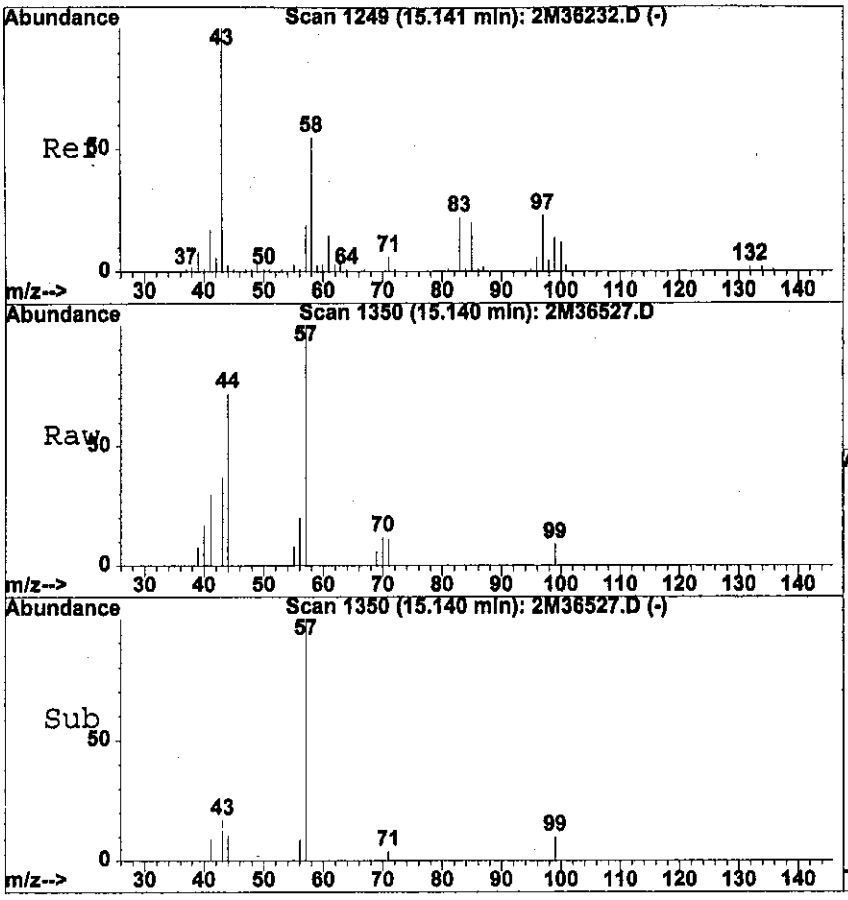


#47
Ethyl Methacrylate
Concen: 9.35 UG/L
RT: 14.78 min Scan# 1313
Delta R.T. -0.08 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 69 Resp: 2018

Ion	Ratio	Lower	Upper
69	100		
99	0.0	16.2	24.4#

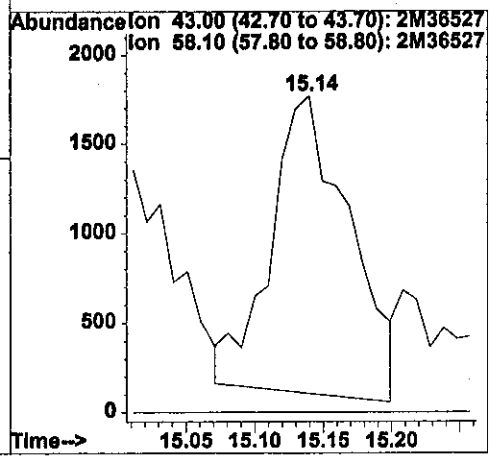


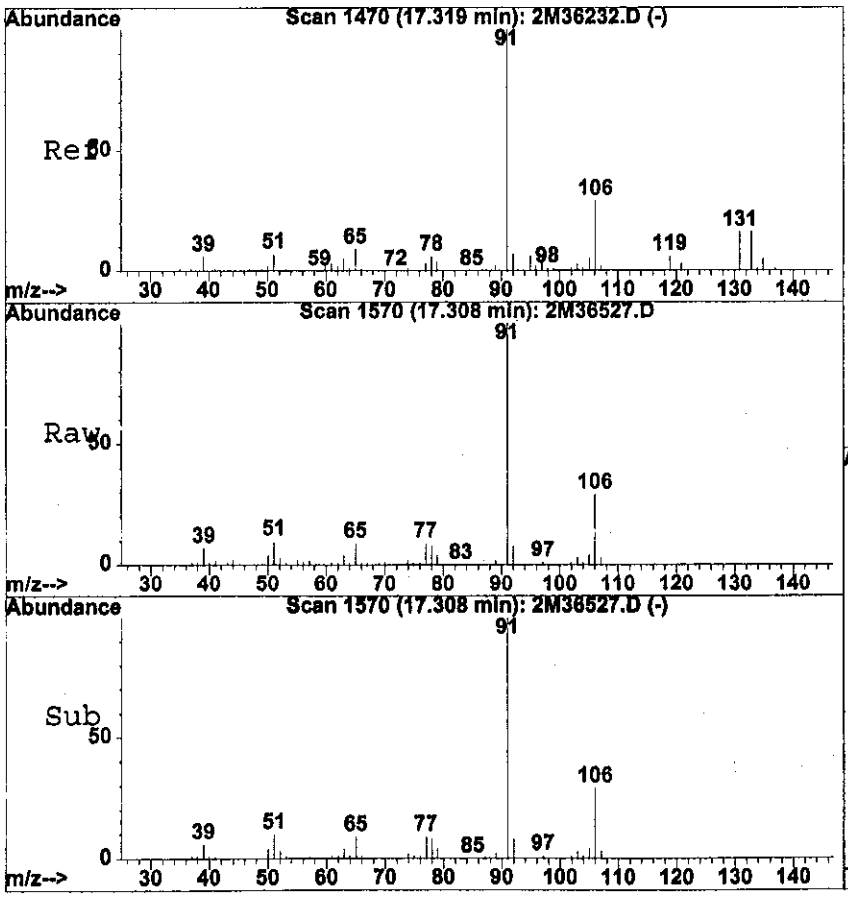


#50
2-Hexanone
Concen: 84.87 UG/L
RT: 15.14 min Scan# 1350
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 43 Resp: 6639

Ion	Ratio	Lower	Upper
43	100		
58	0.0	37.7	56.5#

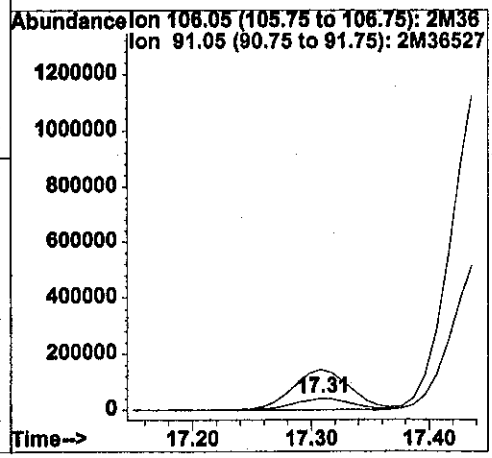


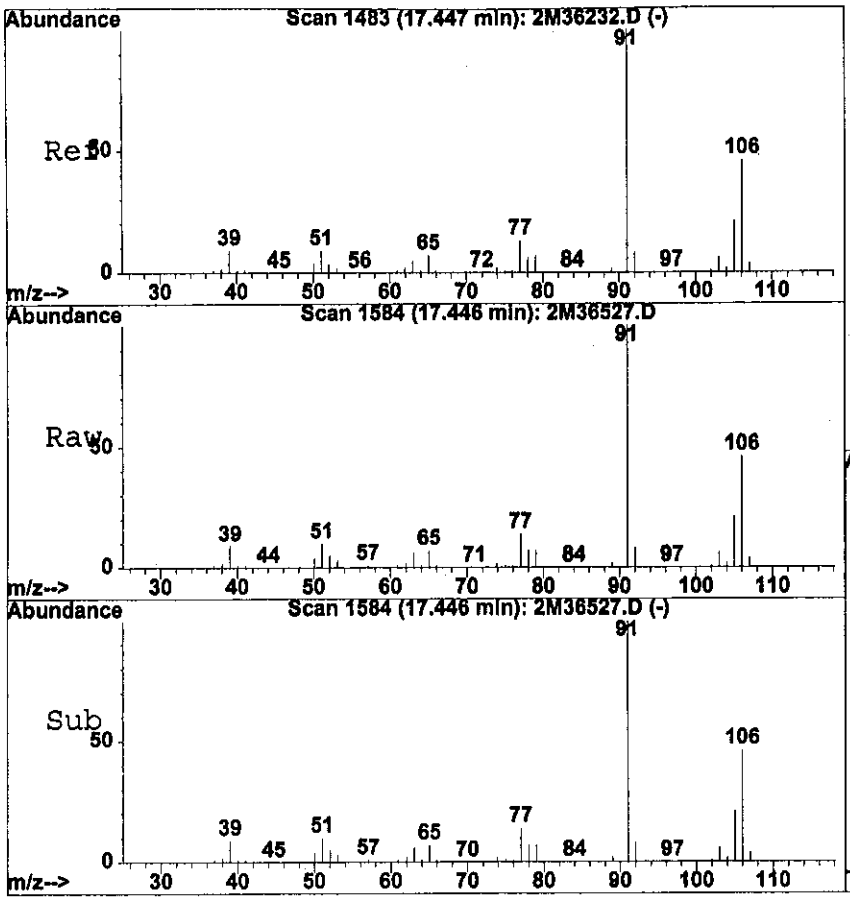


#58
Ethylbenzene
Concen: 432.18 UG/L
RT: 17.31 min Scan# 1570
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:106 Resp: 138486

Ion	Ratio	Lower	Upper
106	100		
91	347.8	277.9	416.9

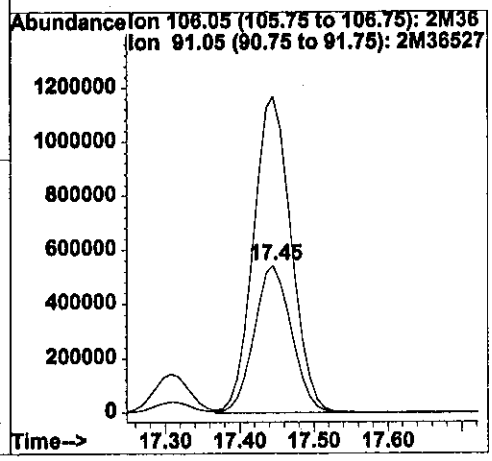


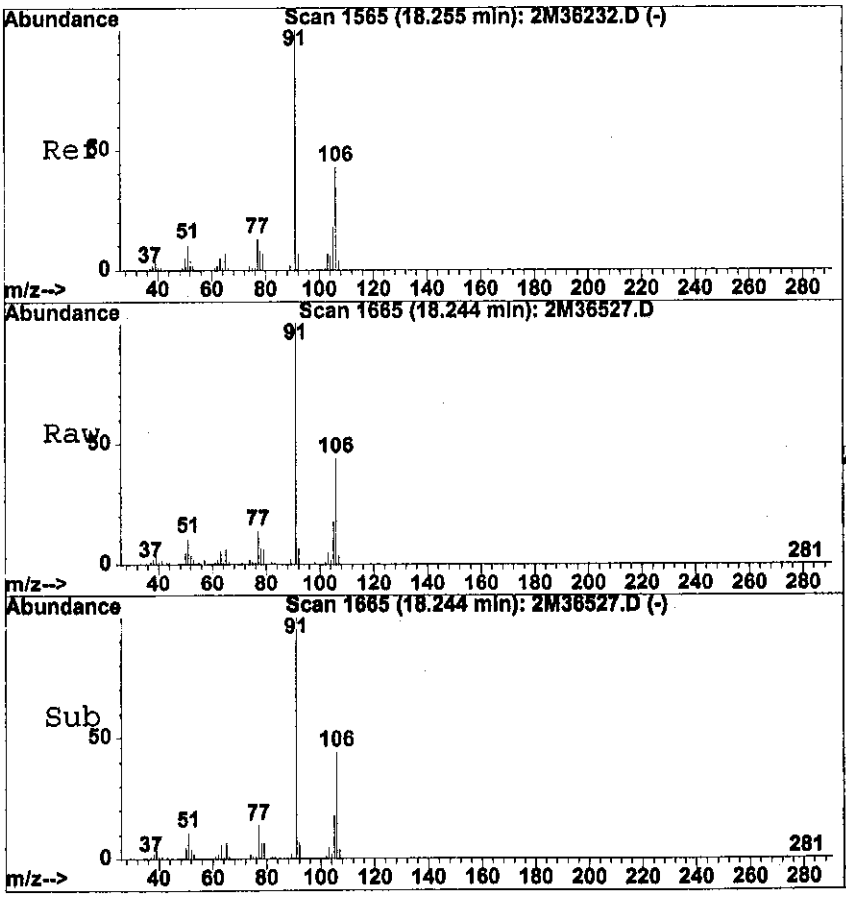


#59
m-,p-Xylene
Concen: 4928.64 UG/L
RT: 17.45 min Scan# 1584
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:106 Resp: 1900688

Ion	Ratio	Lower	Upper
106	100		
91	217.7	173.4	260.2

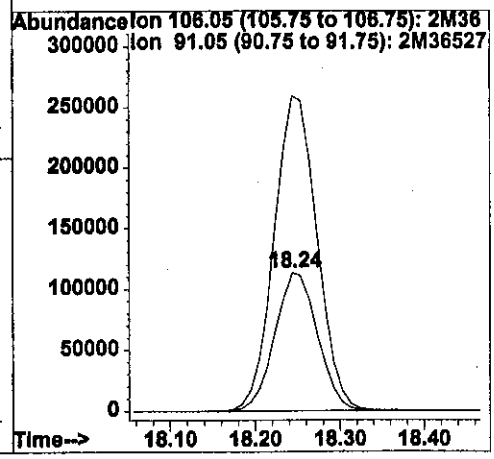


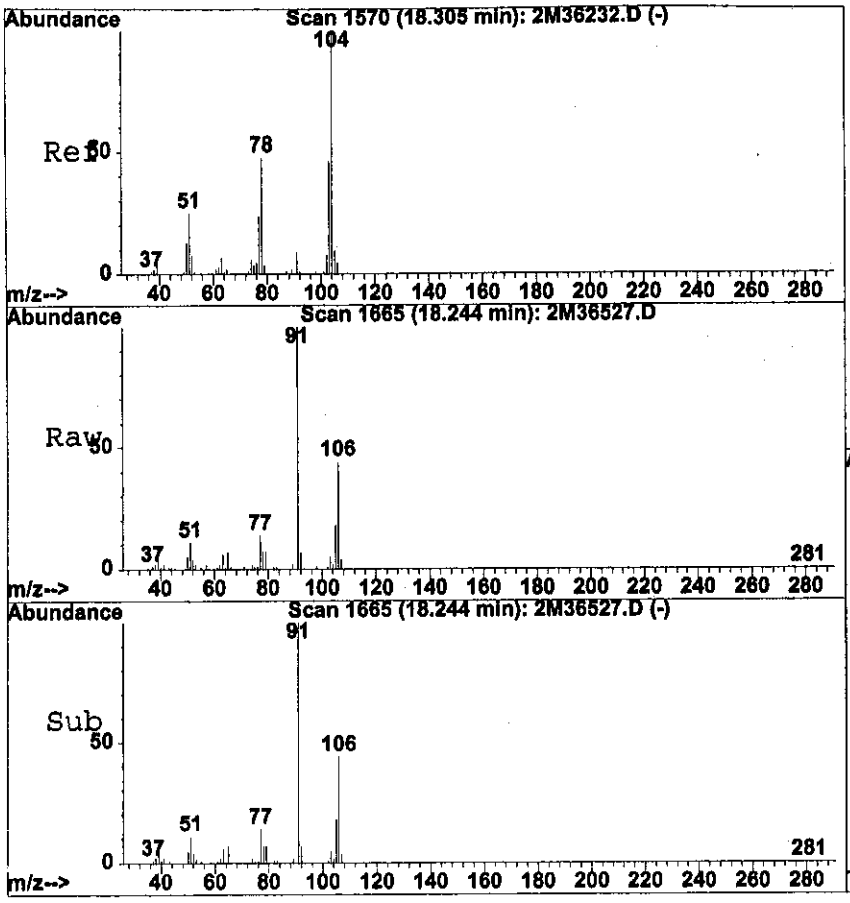


#60
o-Xylene
Concen: 1021.67 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:106 Resp: 395610

Ion	Ratio	Lower	Upper
106	100		
91	229.9	181.0	271.6

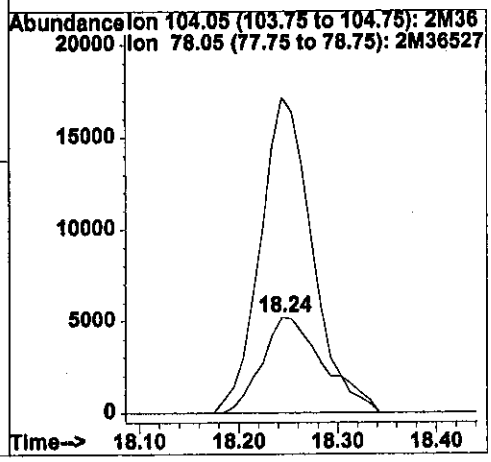


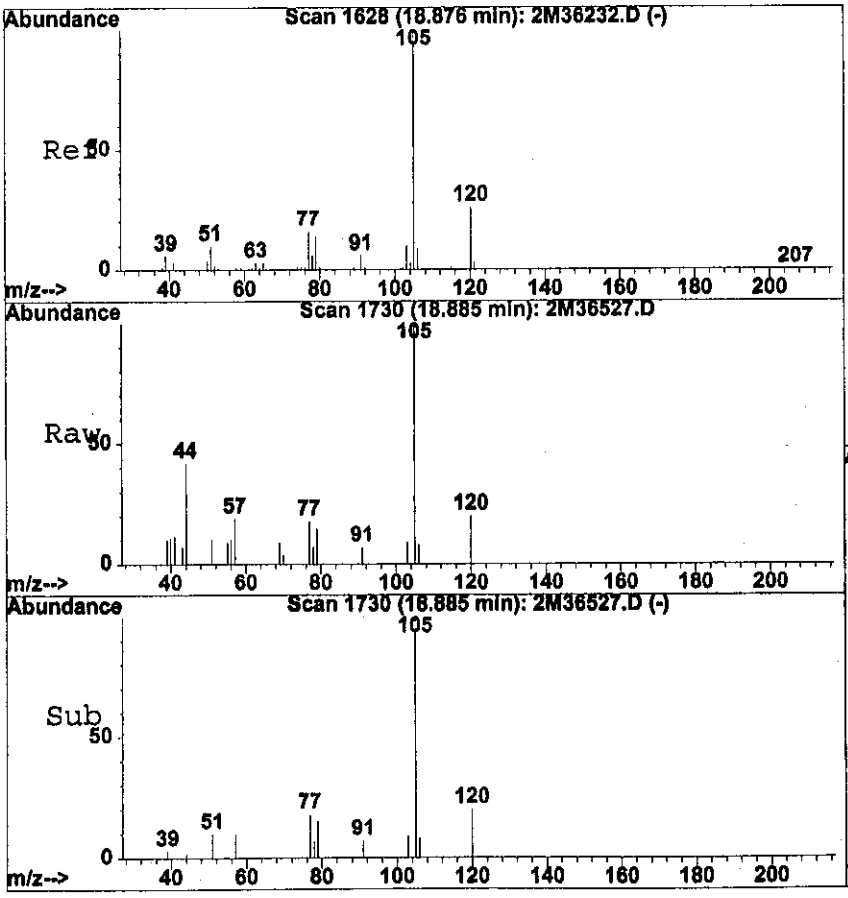


#61
Styrene
Concen: 34.25 UG/L
RT: 18.24 min Scan# 1665
Delta R.T. -0.10 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:104 Resp: 22811

Ion	Ratio	Lower	Upper
104	100		
78	273.8	36.0	54.0#

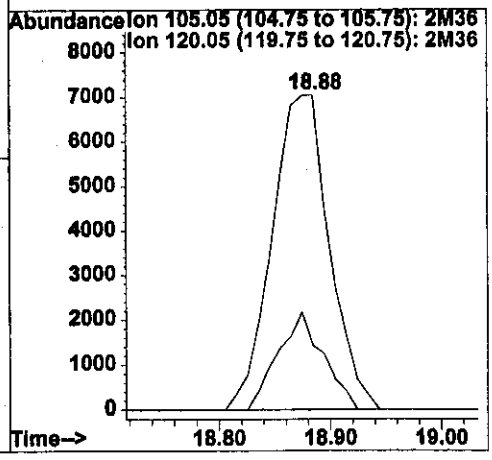


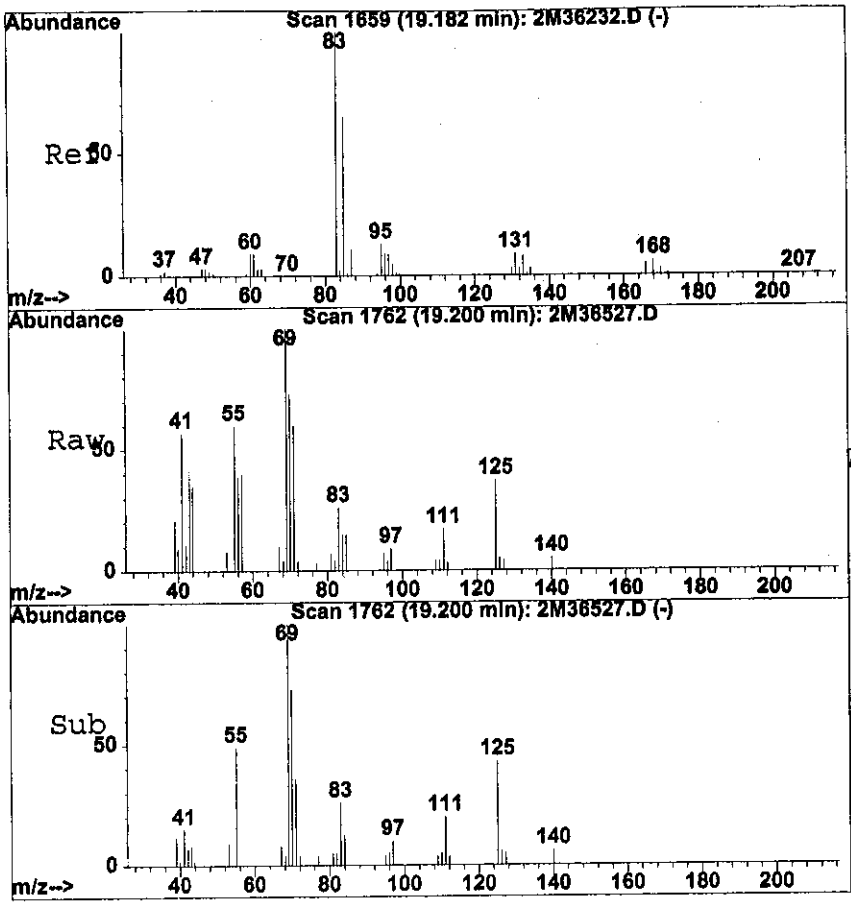


#63
Isopropylbenzene
Concen: 25.69 ug/L
RT: 18.88 min Scan# 1730
Delta R.T. -0.03 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:105 Resp: 25172

Ion	Ratio	Lower	Upper
105	100		
120	24.2	18.7	28.1

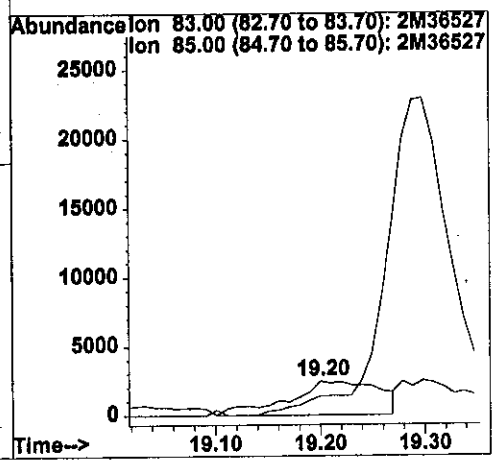


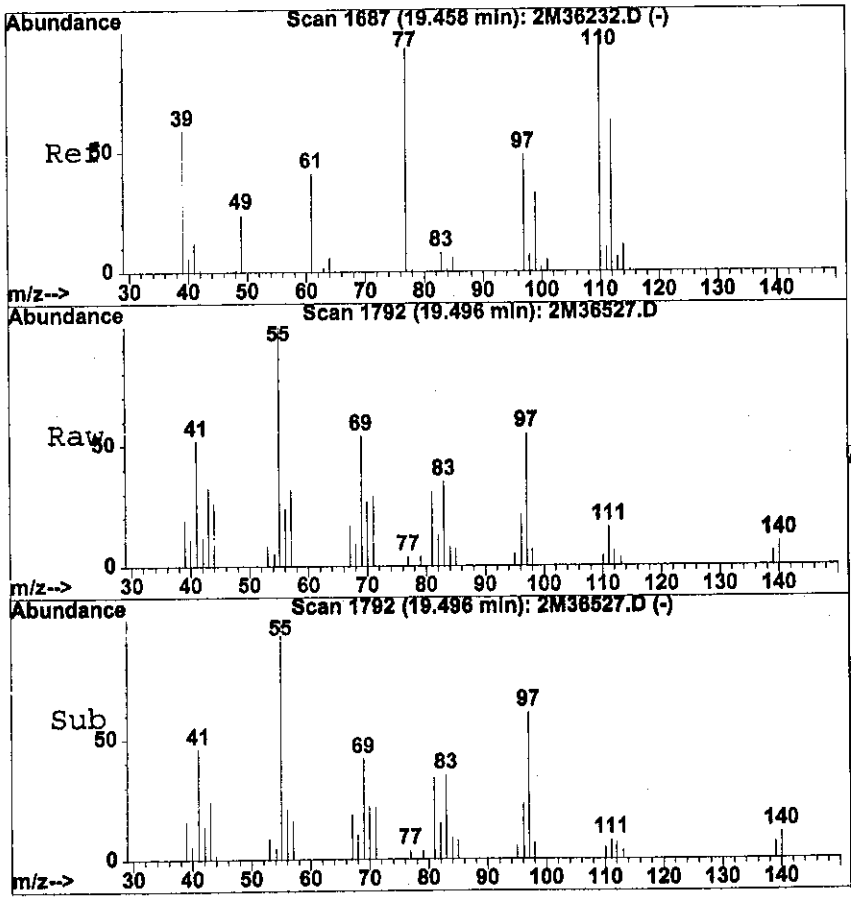


#65
1,1,2,2-Tetrachloroethane
Concen: 82.66 UG/L
RT: 19.20 min Scan# 1762
Delta R.T. -0.02 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 83 Resp: 14734

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.4	84.4#

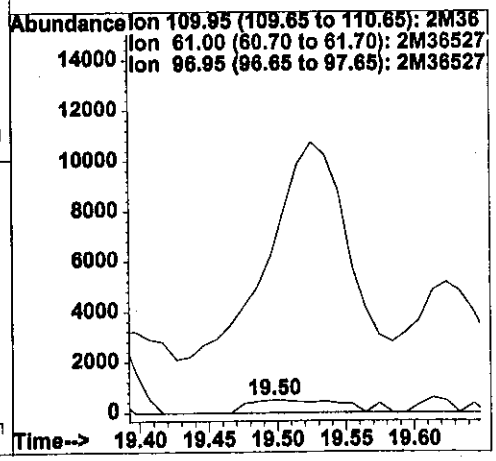


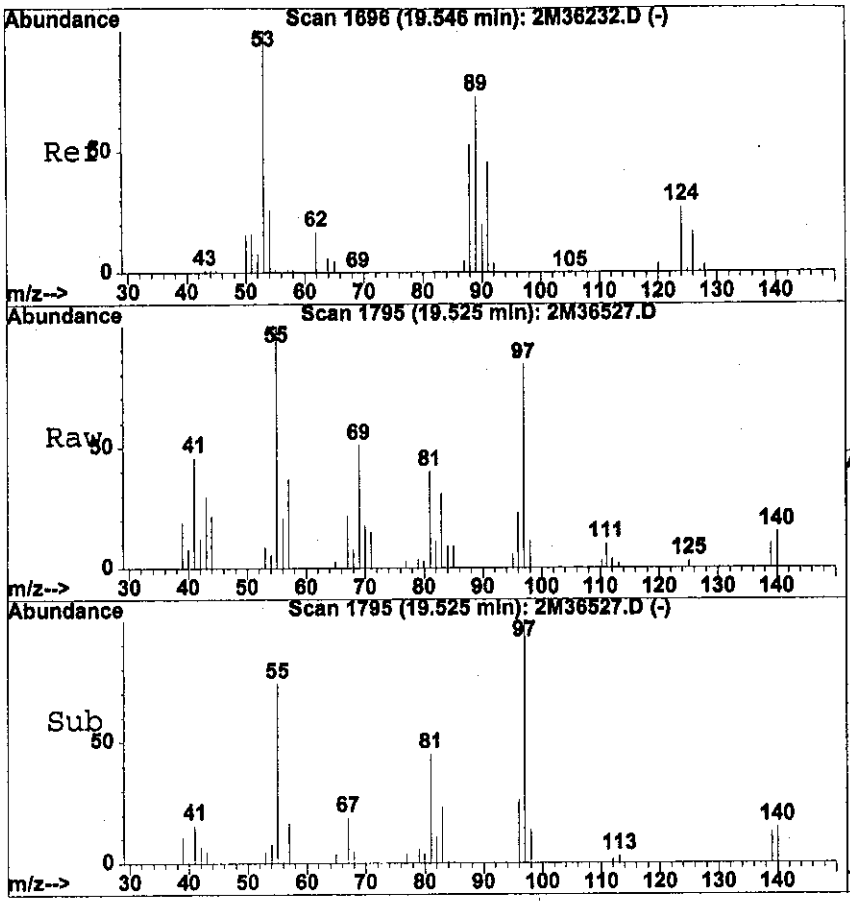


#67
1,2,3-Trichloropropane
Concen: 61.25 UG/L
RT: 19.50 min Scan# 1792
Delta R.T. 0.01 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:110 Resp: 2312

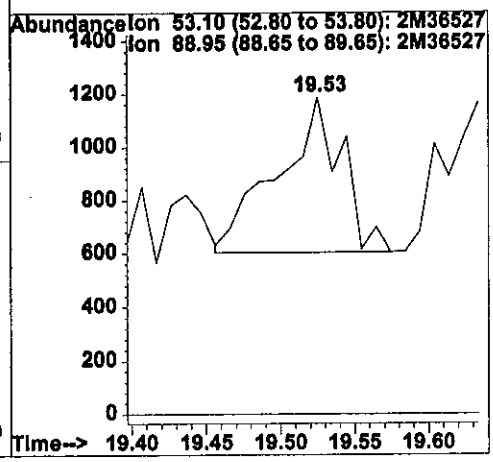
Ion	Ratio	Lower	Upper
110	100		
61	0.0	55.9	83.9#
97	2216.8	43.3	64.9#

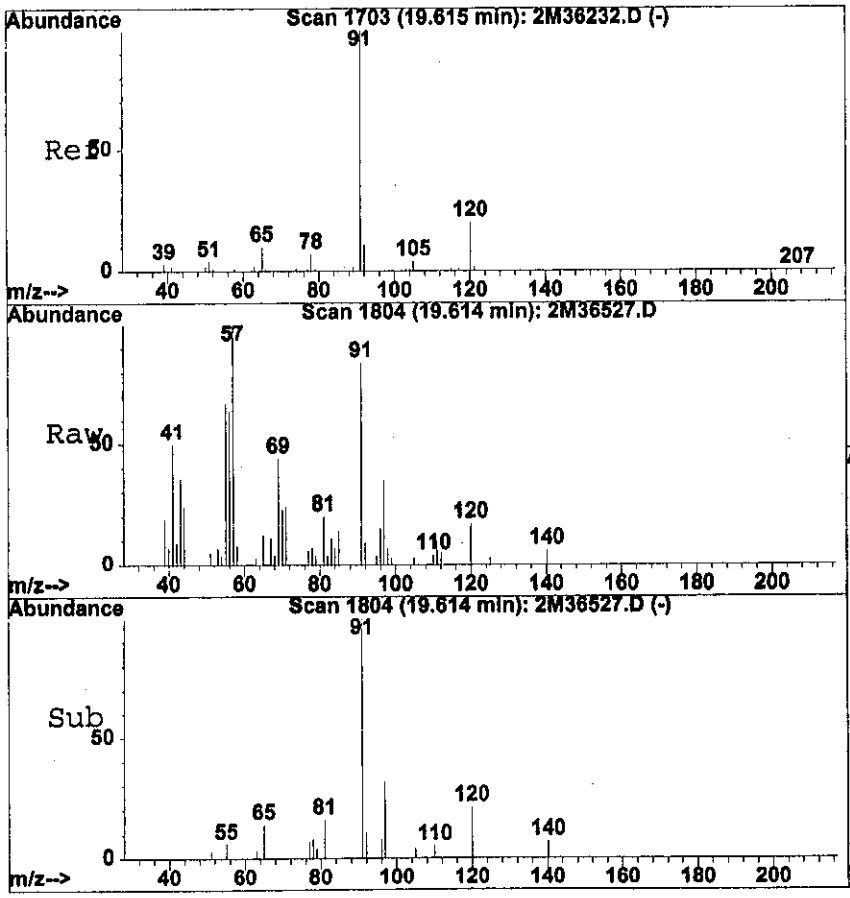




#68
trans-1,4-Dichloro-2-Butene
Concen: 38.76 UG/L
RT: 19.53 min Scan# 1795
Delta R.T. -0.06 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

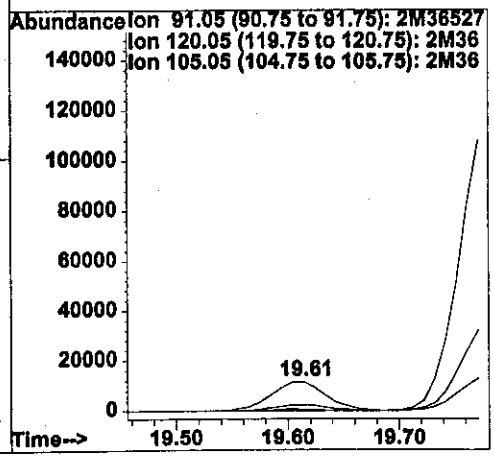
Tgt Ion: 53	Resp:	1746	
Ion	Ratio	Lower	Upper
53	100		
89	0.0	53.6	80.4#

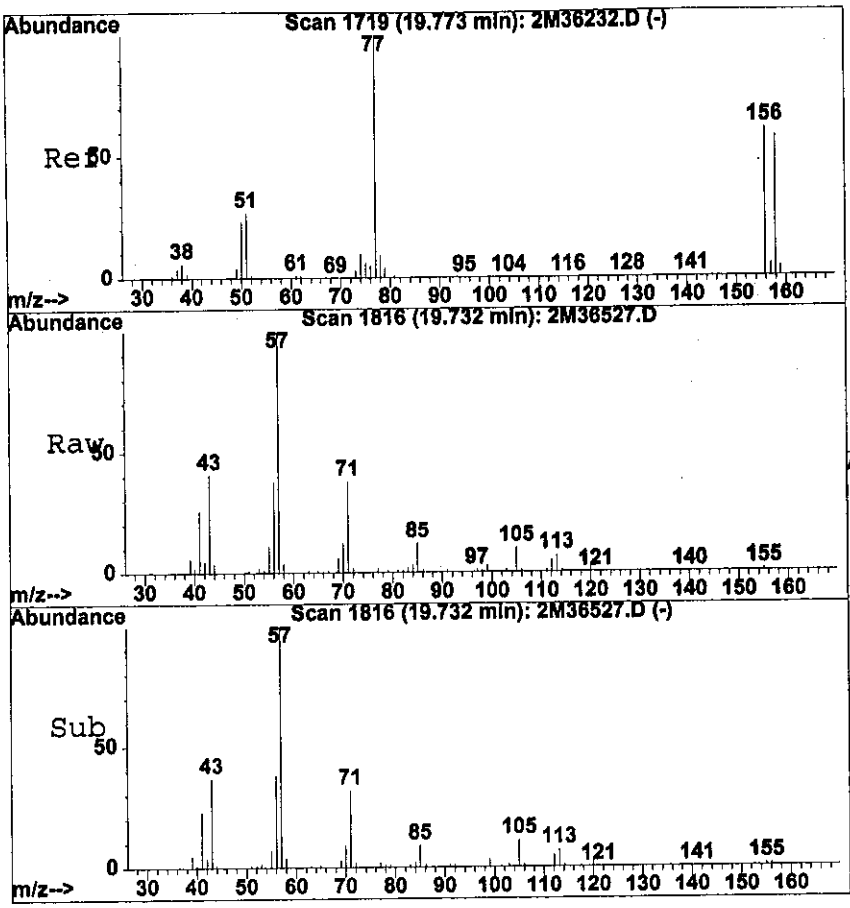




#69
n-Propylbenzene
Concen: 28.98 UG/L
RT: 19.61 min Scan# 1804
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 91	Resp:	39496	
Ion	Ratio	Lower	Upper
91	100		
120	18.9	15.5	23.3
105	2.8	3.0	4.4#

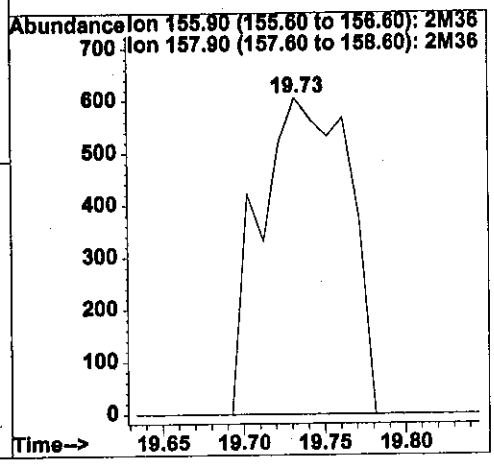


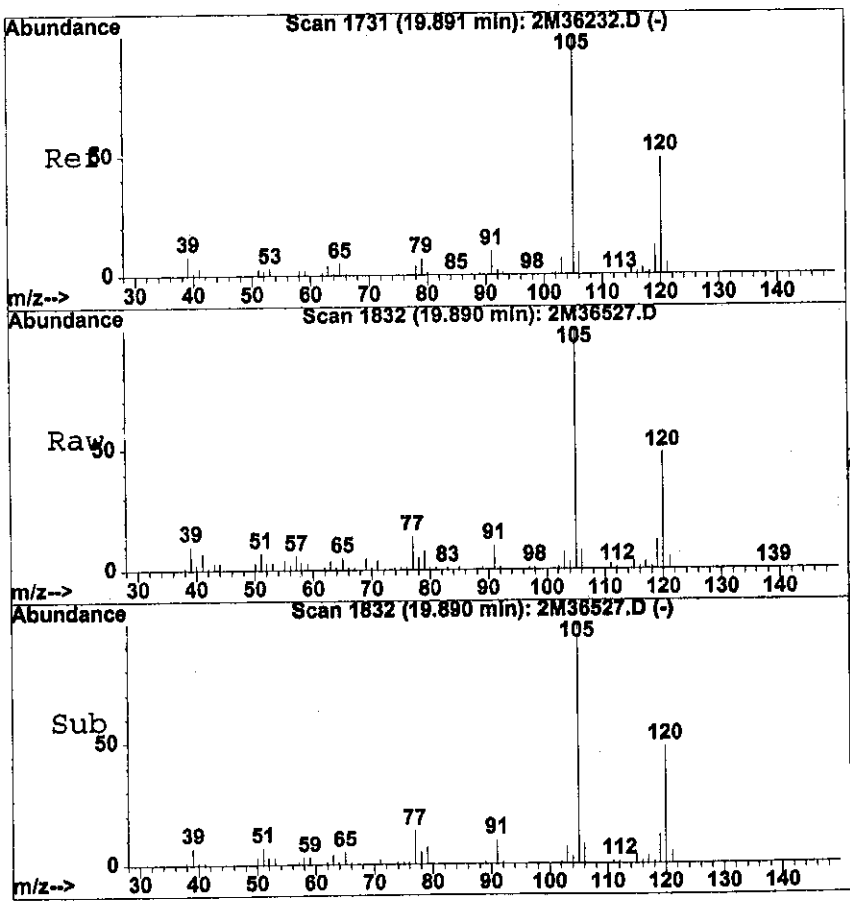


#70
Bromobenzene
Concen: 9.25 UG/L
RT: 19.73 min Scan# 1816
Delta R.T. -0.08 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:156 Resp: 2316

Ion	Ratio	Lower	Upper
156	100		
158	0.0	79.3	118.9#

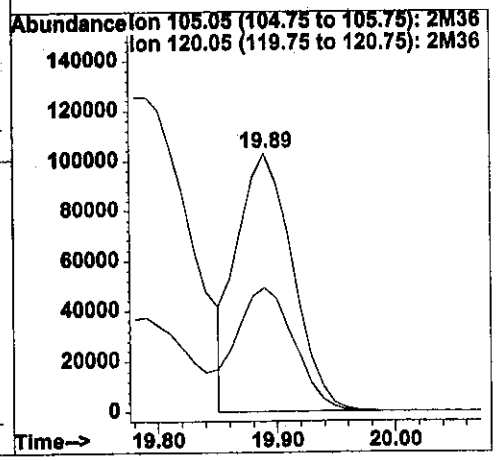


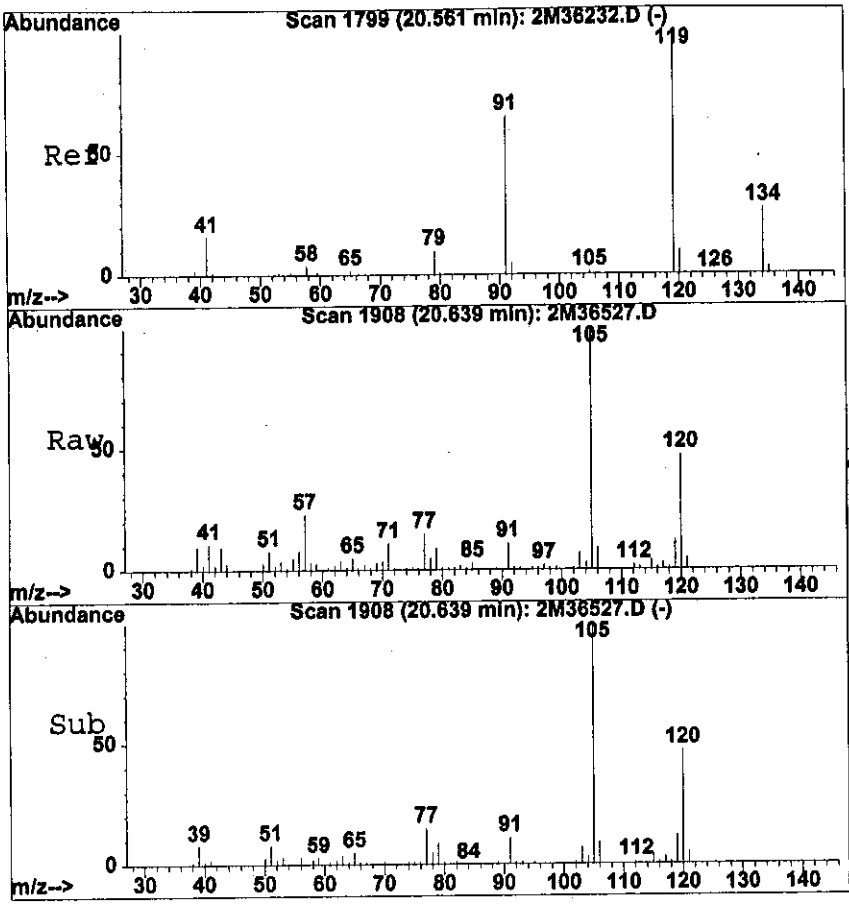


#71
1,3,5-Trimethylbenzene
Concen: 400.68 UG/L
RT: 19.89 min Scan# 1832
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:105 Resp: 334409

Ion	Ratio	Lower	Upper
105	100		
120	51.6	37.0	55.4

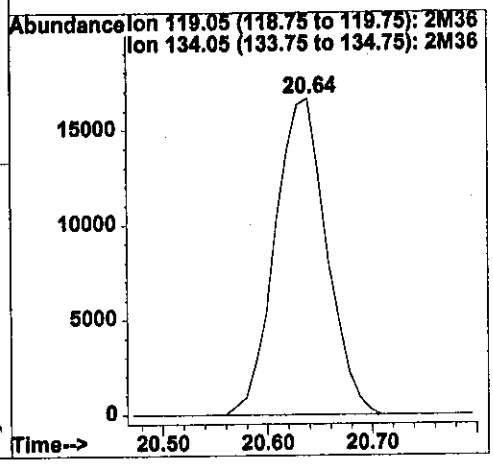


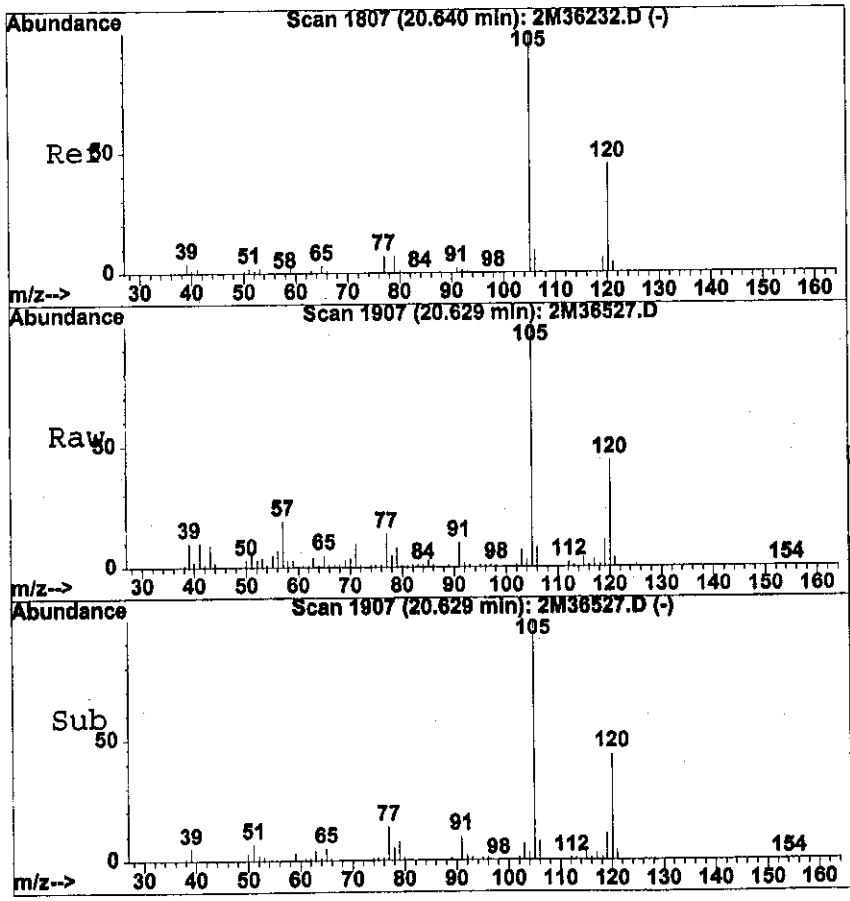


#75
tert-Butylbenzene
Concen: 72.54 UG/L
RT: 20.64 min Scan# 1908
Delta R.T. 0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:119 Resp: 56855

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

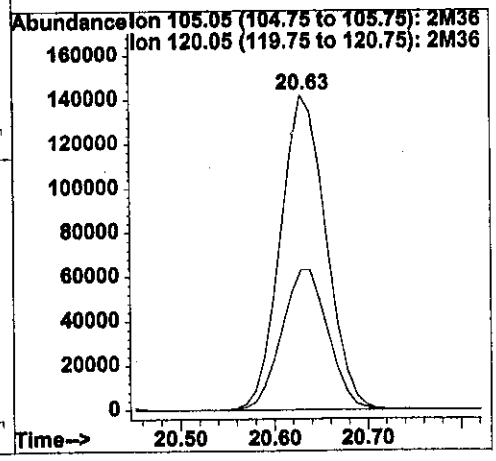


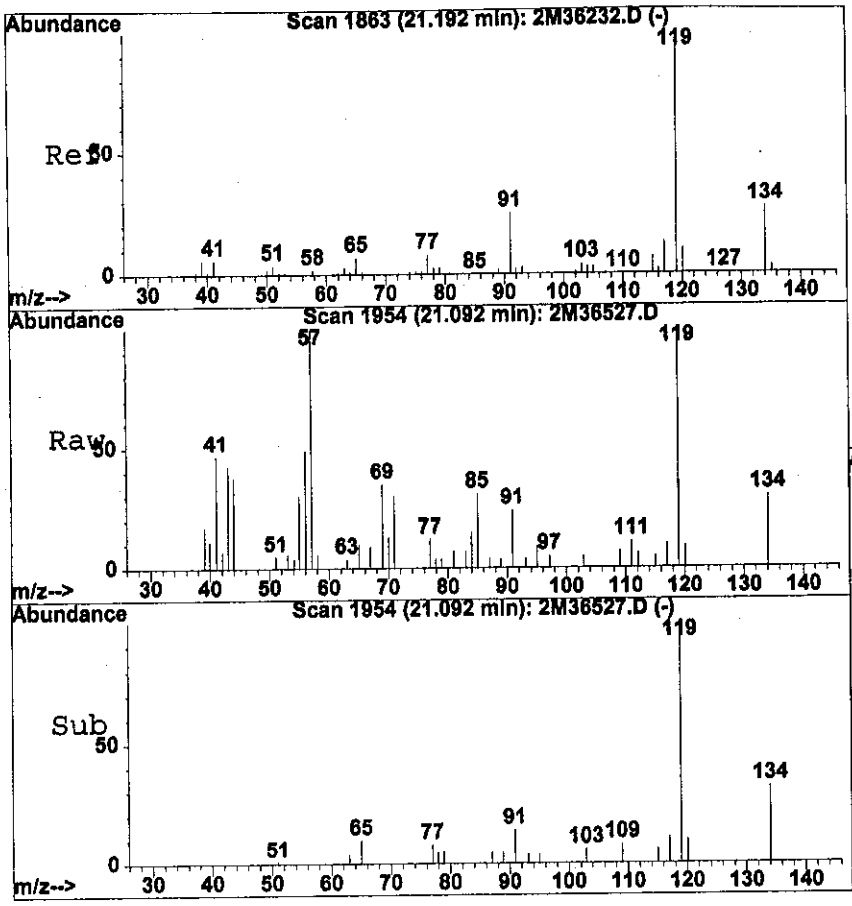


#76
1,2,4-Trimethylbenzene
Concen: 575.57 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.05 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:105 Resp: 480386

Ion	Ratio	Lower	Upper
105	100		
120	45.4	33.7	50.5

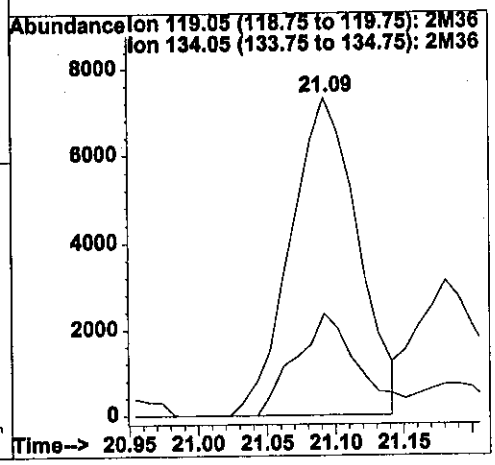


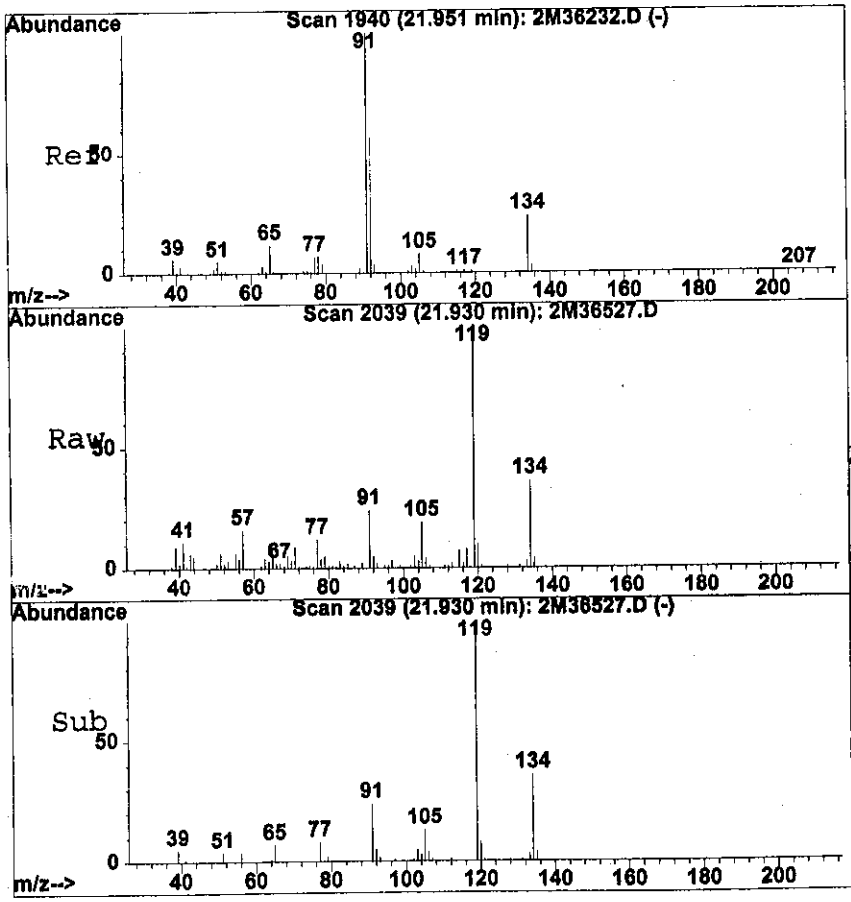


#78
p-Isopropyltoluene
Concen: 31.85 UG/L
RT: 21.09 min Scan# 1954
Delta R.T. -0.13 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:119 Resp: 25145

Ion	Ratio	Lower	Upper
119	100		
134	29.8	21.6	32.4

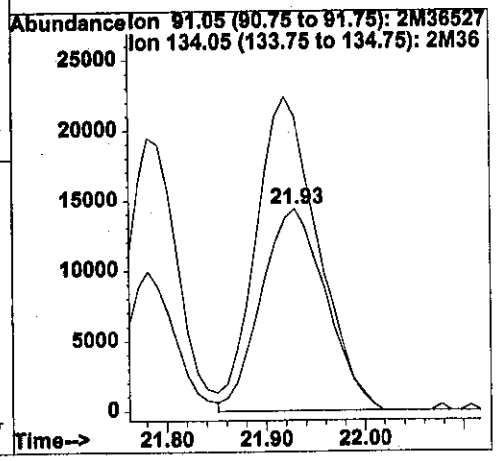


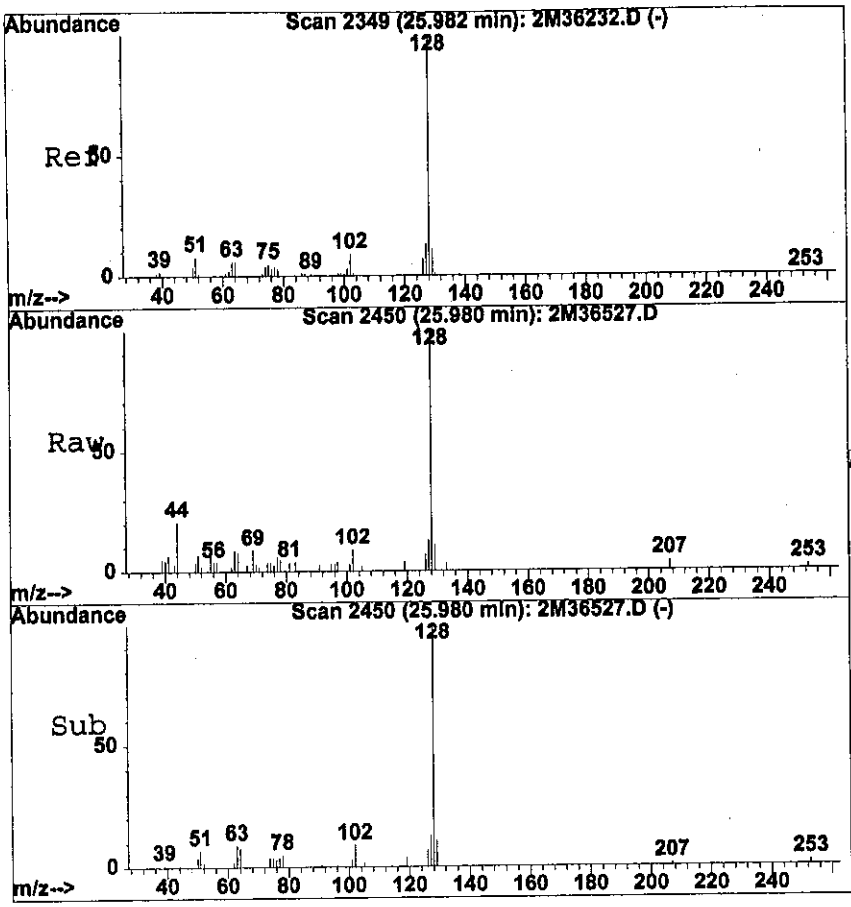


#81
n-Butylbenzene
Concen: 85.41 UG/L
RT: 21.93 min Scan# 2039
Delta R.T. -0.06 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion: 91 Resp: 65161

Ion	Ratio	Lower	Upper
91	100		
134	148.1	19.0	28.6#

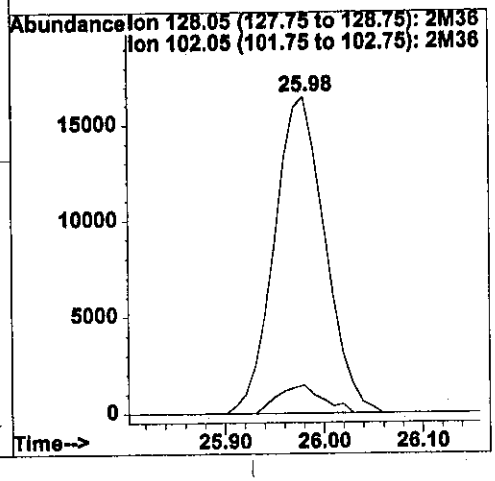




#86
Naphthalene
Concen: 193.93 UG/L
RT: 25.98 min Scan# 2450
Delta R.T. -0.04 min
Lab File: 2M36527.D
Acq: 19 Jun 2000 18:27

Tgt Ion:128 Resp: 58320

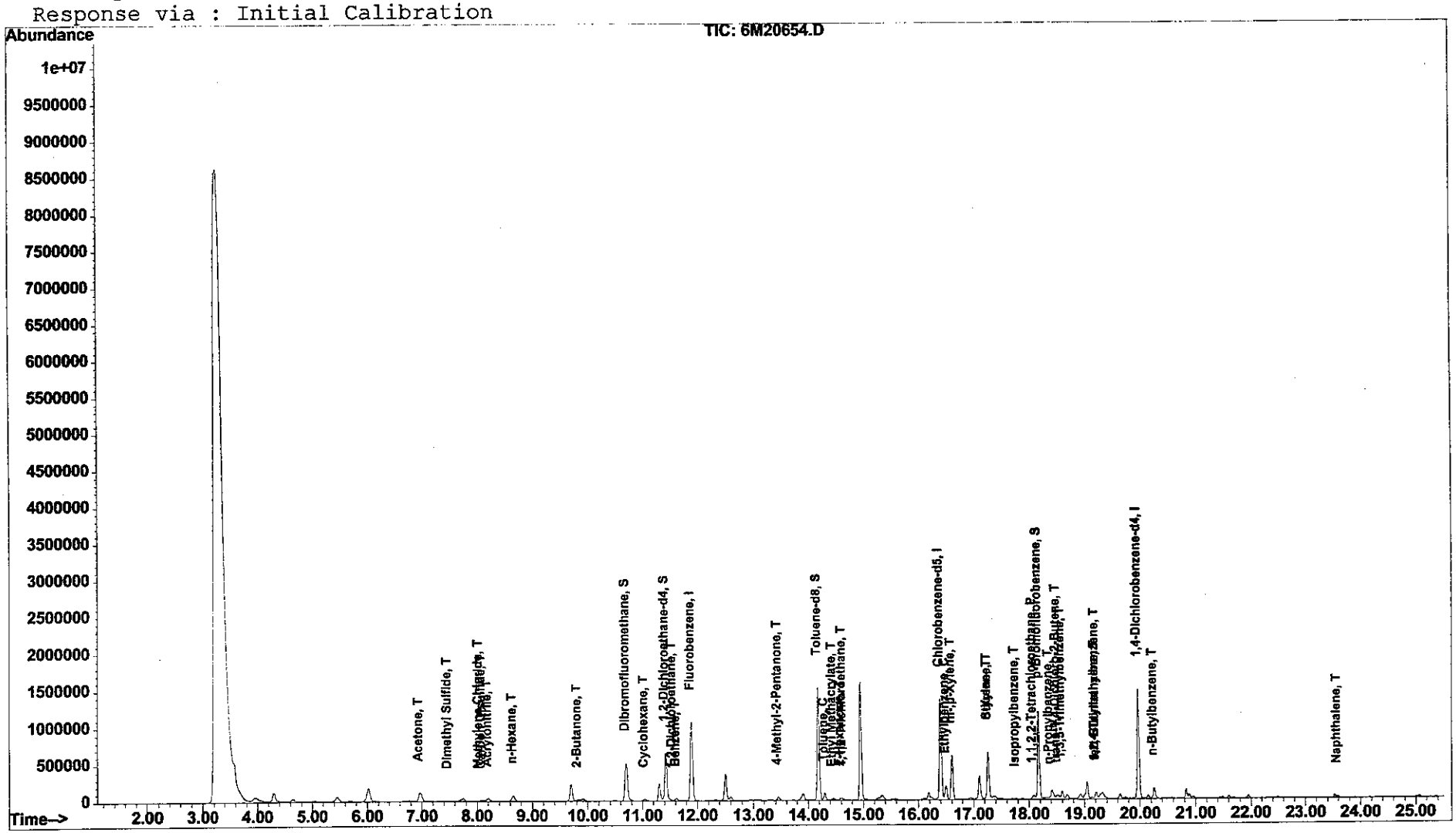
Ion	Ratio	Lower	Upper
128	100		
102	7.8	7.0	10.6



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20654.D Vial: 15
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-10 A IT CORP 826-SPE-VO 6.0G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:11 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20654.D Vial: 15
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-10 A IT CORP 826-SPE-VO 6.0G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:11 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

c/o 4/20/00 cms
RR c/o — no Report this run

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.89	96	1418368	50.00 ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1063876	50.00 ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	541397	50.00 ug/kg	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.70	111	460699	43.28 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.56%		
33) 1,2-Dichloroethane-d4	11.42	65	593893	46.47 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.94%		
45) Toluene-d8	14.18	98	1479628	46.72 ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 93.44%		
66) p-Bromofluorobenzene	18.17	95	607974	50.13 ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 100.26%		
Target Compounds					Qvalue
11) Acetone	6.95	43	188674	58.02 ug/kg# NR	1
13) Dimethyl Sulfide	7.48	62	3852	0.34 ug/kg#	1
15) Methylene Chloride	8.04	84	4716	0.55 ug/kg# J	49
16) Carbon Disulfide	8.10	76	28816	0.83 ug/kg	97
17) Acrylonitrile	8.21	53	1039	0.21 ug/kg#	12
20) n-Hexane	8.65	57	64537	3.09 ug/kg	86
23) 2-Butanone	9.83	43	51849	7.75 ug/kg ~~BDL~~ J	92
30) Cyclohexane	11.04	56	25659	1.08 ug/kg#	82
34) 1,2-Dichloroethane	11.56	62	4101	0.23 ug/kg#	82
35) Benzene	11.62	78	34468	0.93 ug/kg# ~~BDL~~	84 J
41) 4-Methyl-2-Pentanone	13.45	58	21514	5.29 ug/kg ~~BDL~~	90 J
46) Toluene	14.30	91	98786	2.50 ug/kg ~~BDL~~	97 J
47) Ethyl Methacrylate	14.45	69	4397	0.42 ug/kg#	60
49) 1,1,2-Trichloroethane	14.64	97	9123	1.17 ug/kg#	11
50) 2-Hexanone	14.59	43	45728	4.60 ug/kg#	80
58) Ethylbenzene	16.50	106	58062	3.84 ug/kg ~~BDL~~	95 J
59) m-,p-Xylene	16.61	106	263441	13.82 ug/kg	97
60) o-Xylene	17.27	106	265066	14.54 ug/kg	98
61) Styrene	17.26	104	14030	0.46 ug/kg#	1
63) Isopropylbenzene	17.77	105	11071	0.23 ug/kg	96
65) 1,1,2,2-Tetrachloroethane	18.07	83	6179	0.71 ug/kg#	81
68) trans-1,4-Dichloro-2-Buten	18.52	53	1059	0.30 ug/kg	87
69) n-Propylbenzene	18.37	91	17934	0.36 ug/kg#	97
71) 1,3,5-Trimethylbenzene	18.60	105	88550	2.45 ug/kg	100
75) tert-Butylbenzene	19.21	119	7916	0.24 ug/kg#	51
76) 1,2,4-Trimethylbenzene	19.21	105	68771	1.83 ug/kg	99
81) n-Butylbenzene	20.26	91	14584	0.38 ug/kg#	1

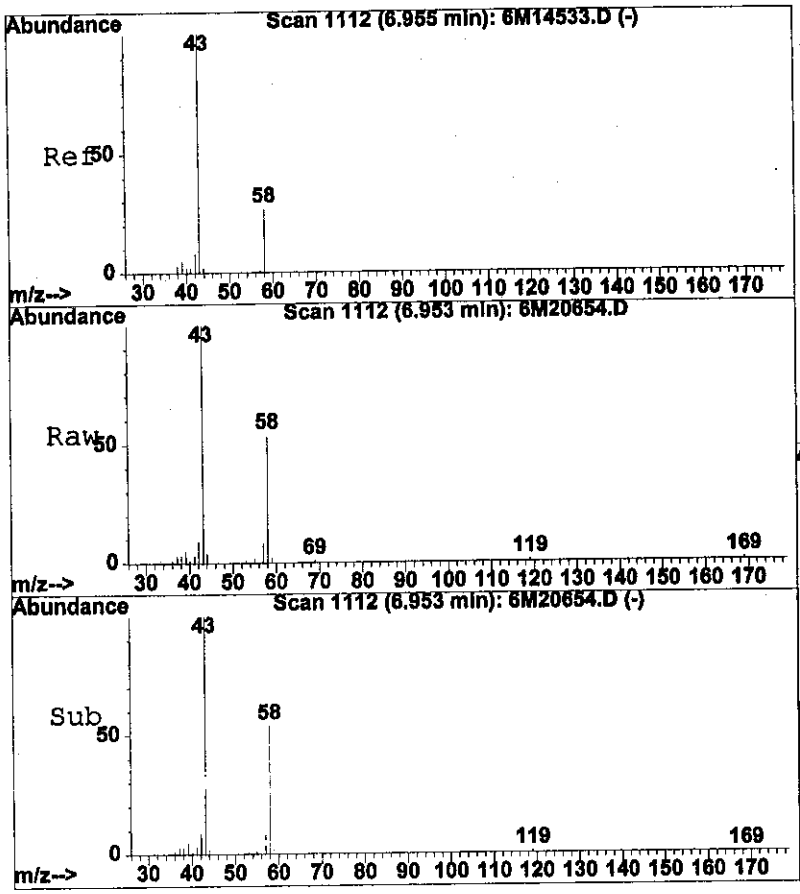
(#) = qualifier out of range (m) = manual integration
6M20654.D 8260PRES.M Mon Jun 19 17:11:36 2000 Page 1

Data File : C:\HPCHEM\1\DATA\061900\6M20654.D Vial: 15
Acq On : 19 Jun 2000 16:45 Operator: CMS
Sample : L0006193-10 A IT CORP 826-SPE-VO 6.0G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:11 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
86) Naphthalene	23.58	128	27414	0.82 ug/kg	99

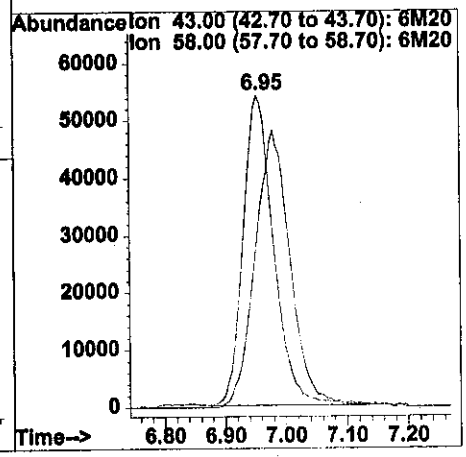
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6M20654.D 8260PRES.M Mon Jun 19 17:11:37 2000 Page 2

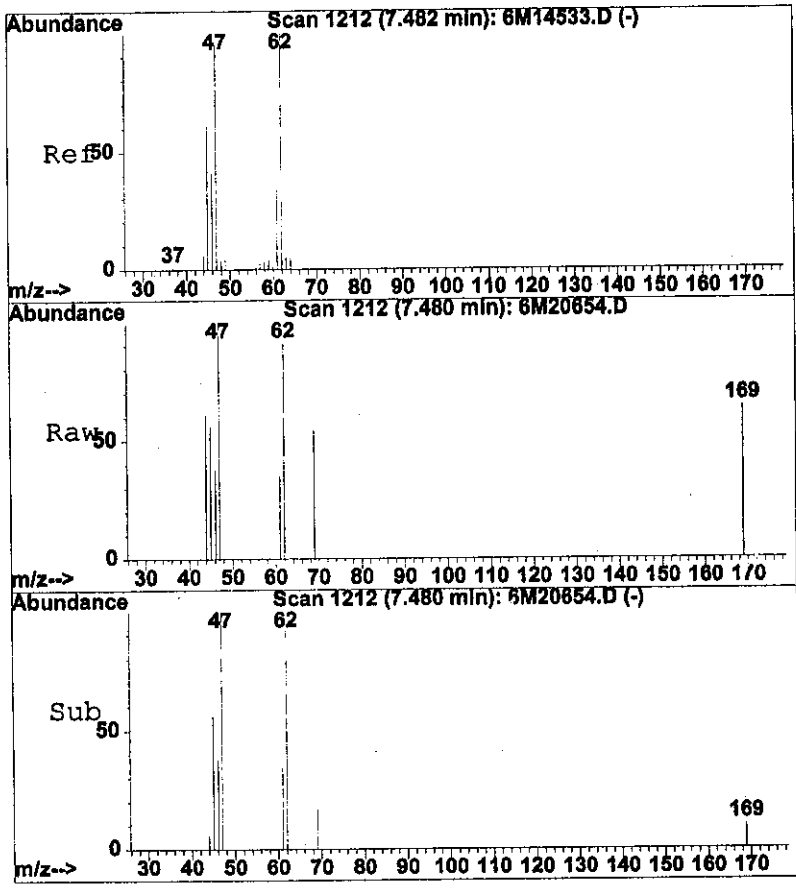


#11
Acetone
Concen: 58.02 ug/kg
RT: 6.95 min Scan# 1112
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 188674

Ion	Ratio	Lower	Upper
43	100		
58	104.0	21.1	31.7#

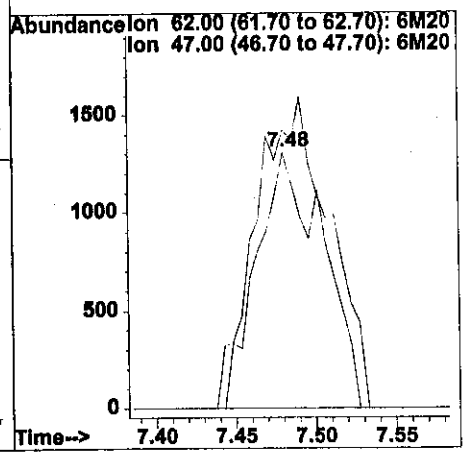


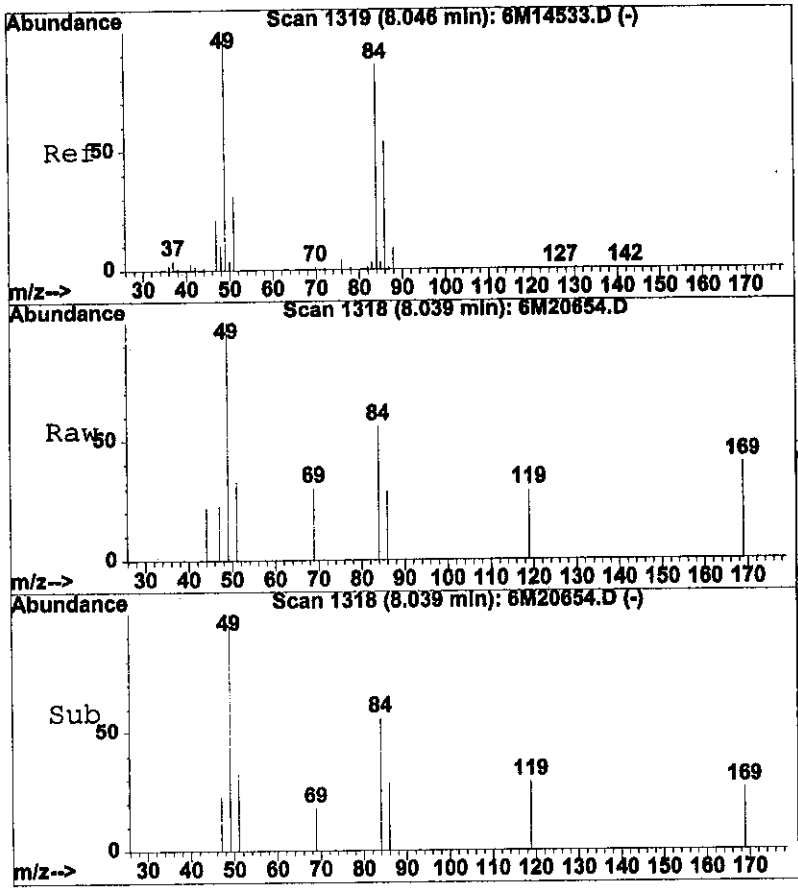


#13
Dimethyl Sulfide
Concen: 0.34 ug/kg
RT: 7.48 min Scan# 1212
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 62 Resp: 3852

Ion	Ratio	Lower	Upper
62	100		
47	128.8	5.8	8.8#

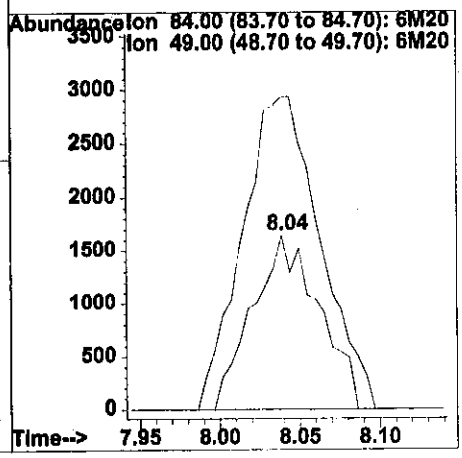


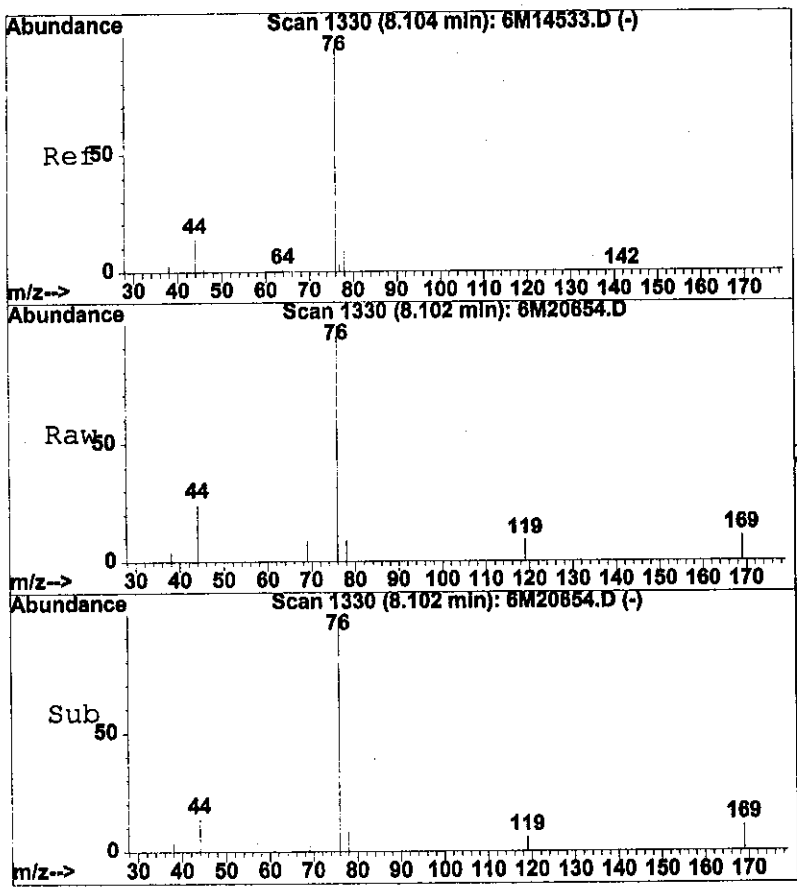


#15
Methylene Chloride
Concen: 0.55 ug/kg
RT: 8.04 min Scan# 1318
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 84 Resp: 4716

Ion	Ratio	Lower	Upper
84	100		
49	210.9	117.8	176.8#

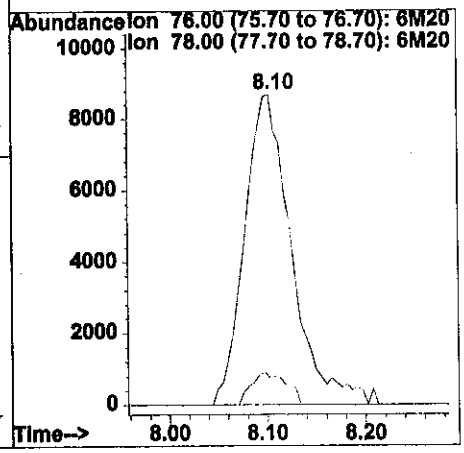


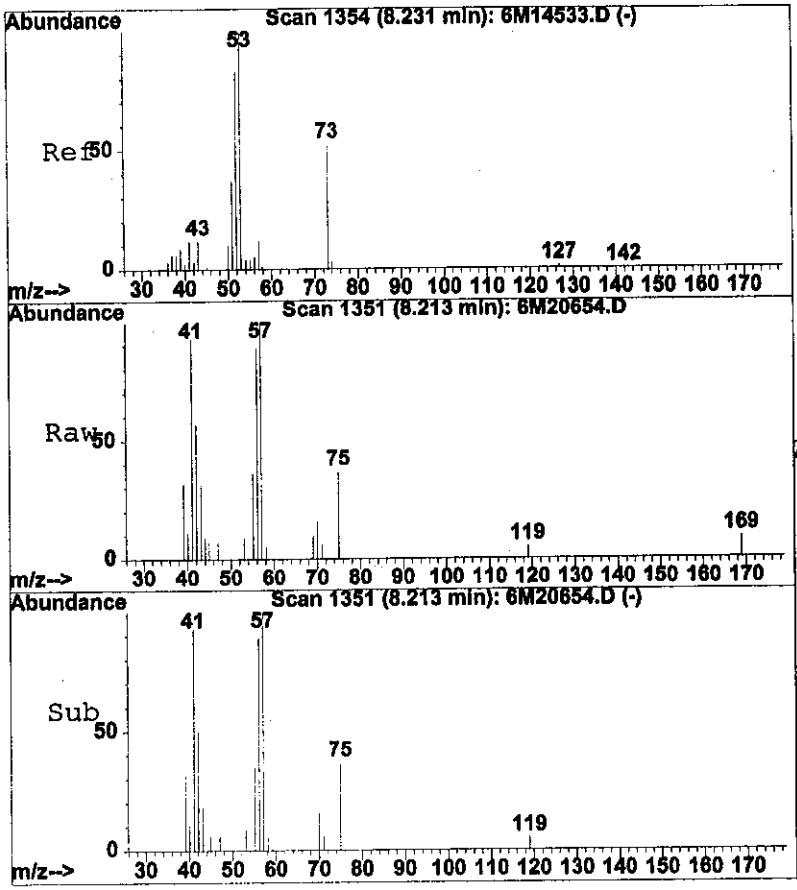


#16
Carbon Disulfide
Concen: 0.83 ug/kg
RT: 8.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 76 Resp: 28816

Ion	Ratio	Lower	Upper
76	100		
78	7.9	7.2	10.8

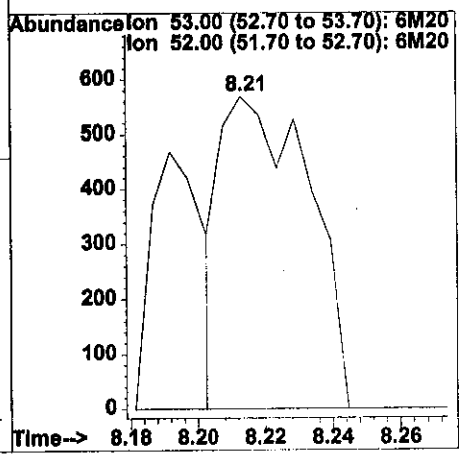


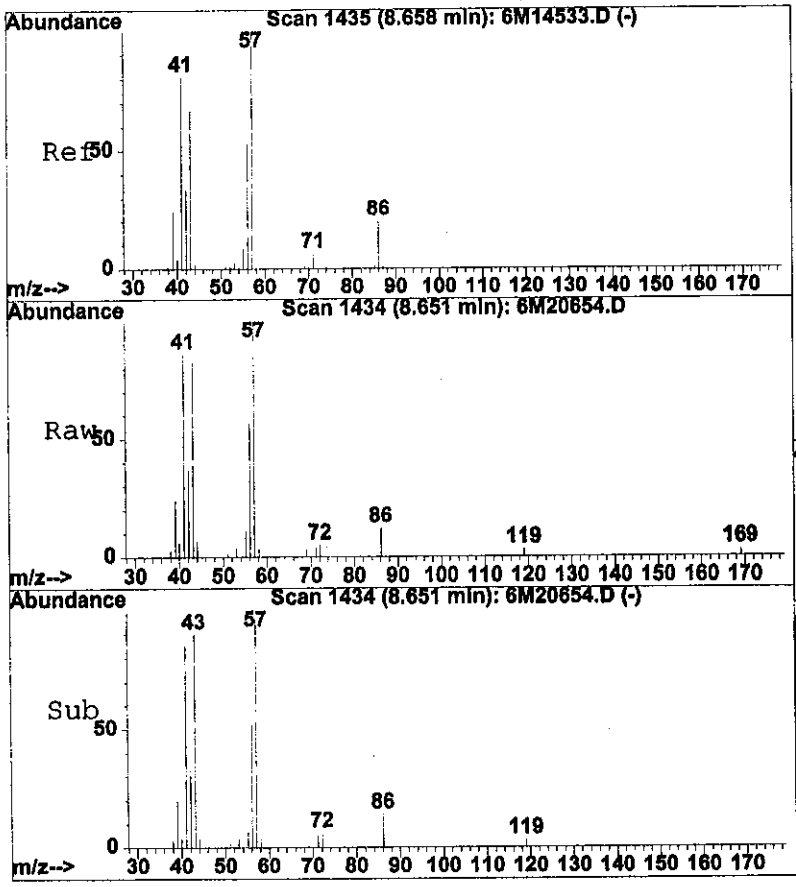


#17
Acrylonitrile
Concen: 0.21 ug/kg
RT: 8.21 min Scan# 1351
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 53 Resp: 1039

Ion	Ratio	Lower	Upper
53	100		
52	0.0	59.8	89.6#

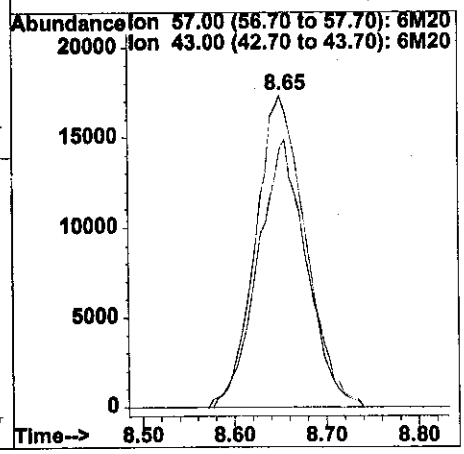


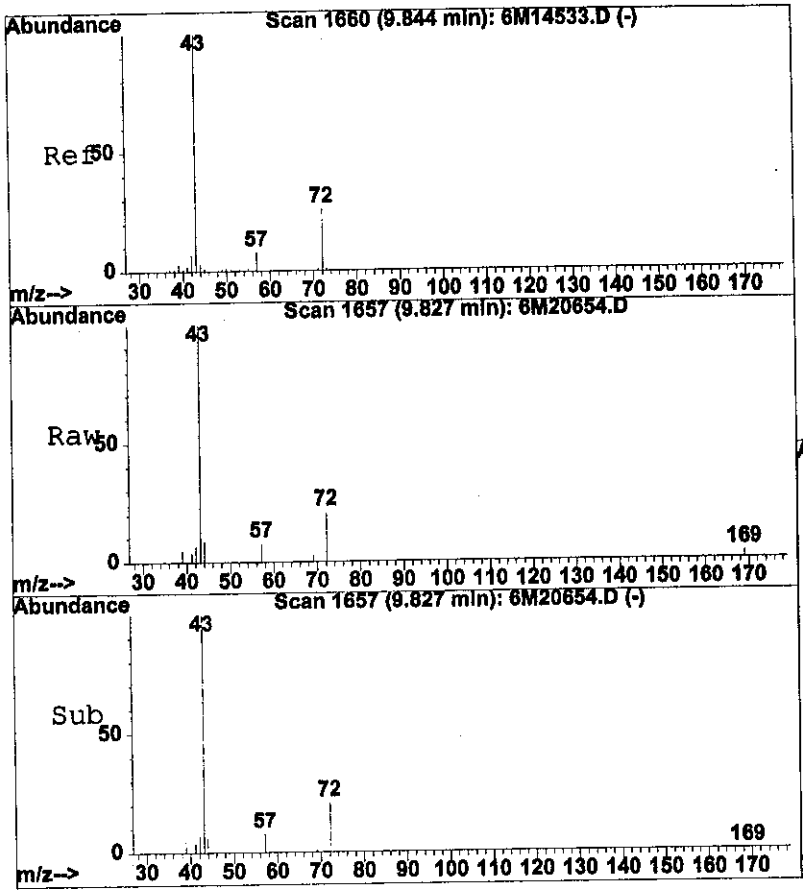


#20
n-Hexane
Concen: 3.09 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 57 Resp: 64537

Ion	Ratio	Lower	Upper
57	100		
43	86.0	59.0	88.6

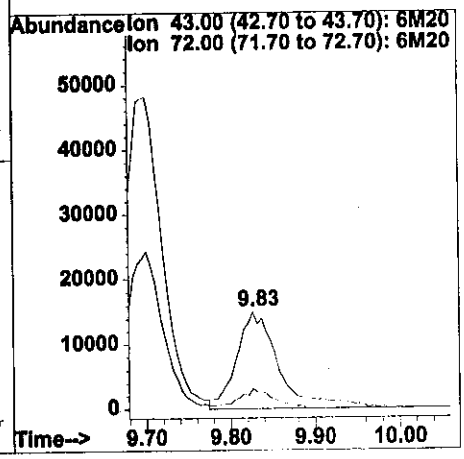


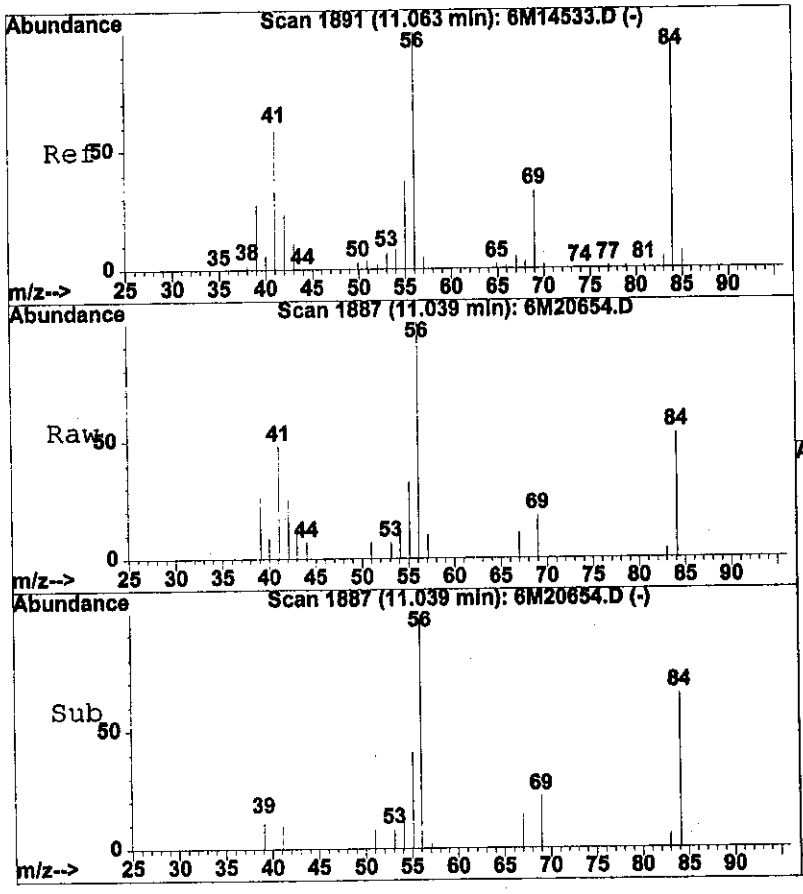


#23
2-Butanone
Concen: 7.75 ug/kg
RT: 9.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 51849

Ion	Ratio	Lower	Upper
43	100		
72	16.8	16.2	24.4

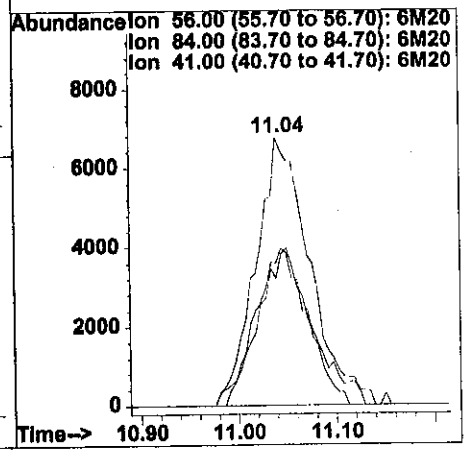


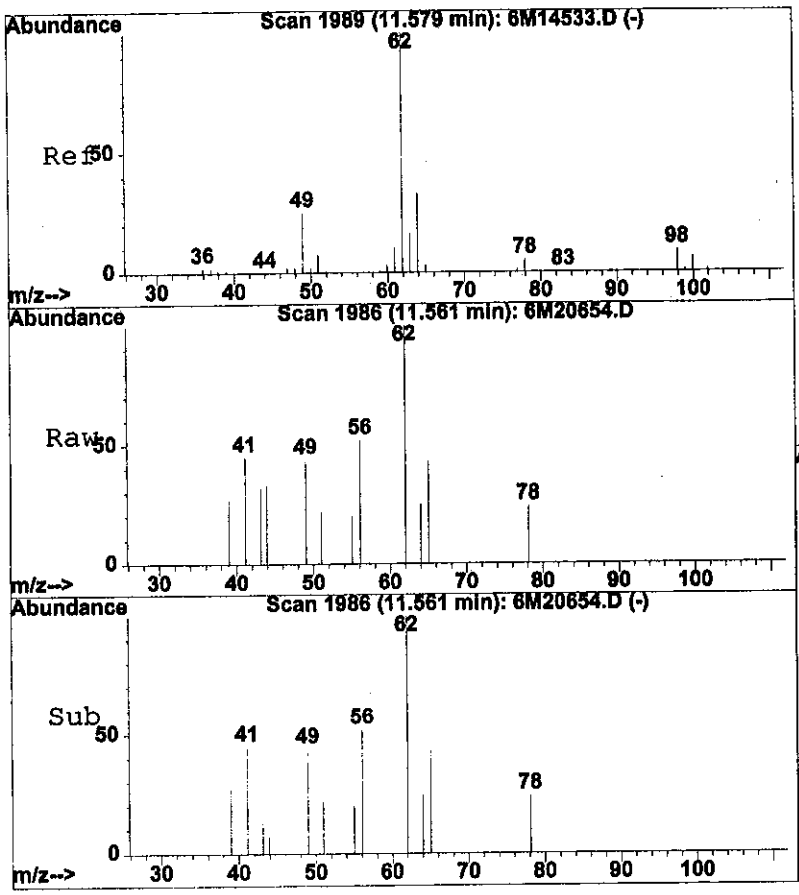


#30
Cyclohexane
Concen: 1.08 ug/kg
RT: 11.04 min Scan# 1887
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 56 Resp: 25659

Ion	Ratio	Lower	Upper
56	100		
84	55.3	64.1	96.1#
41	62.0	52.9	79.3

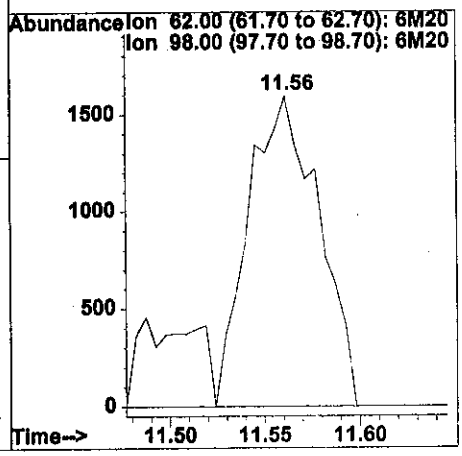


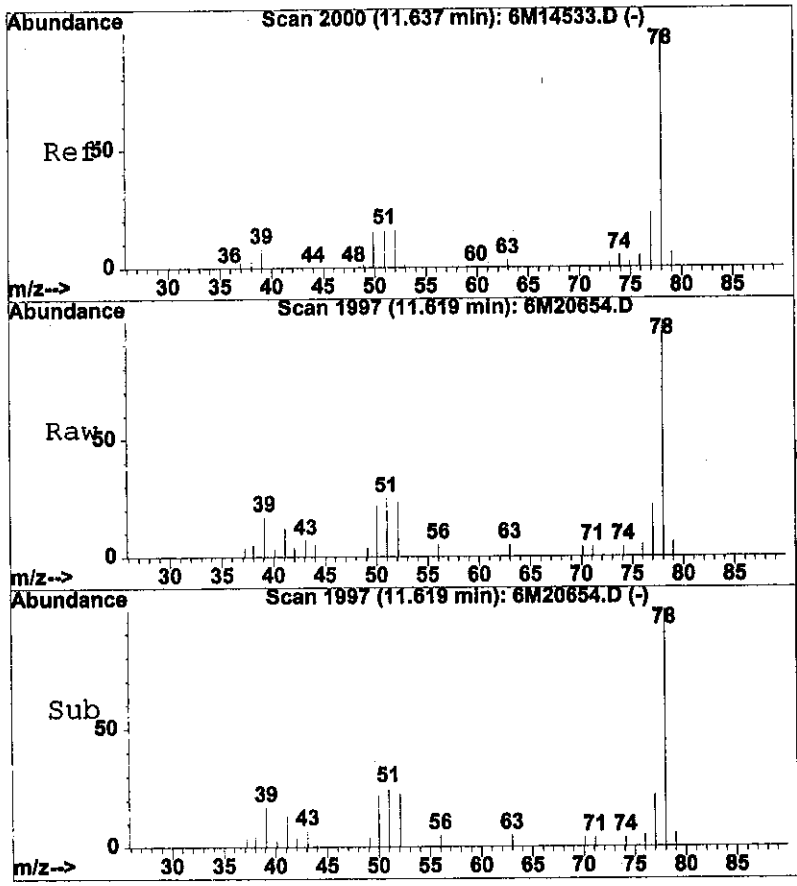


#34
1,2-Dichloroethane
Concen: 0.23 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 62 Resp: 4101

Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.4	0.6#

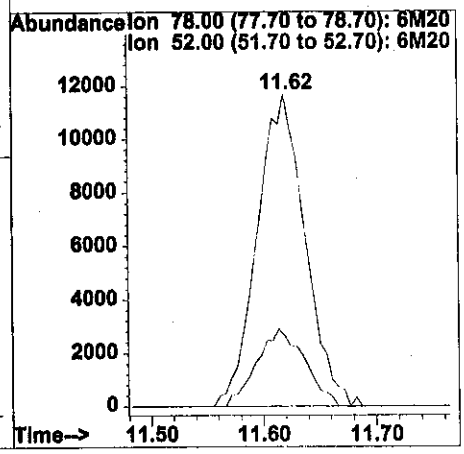


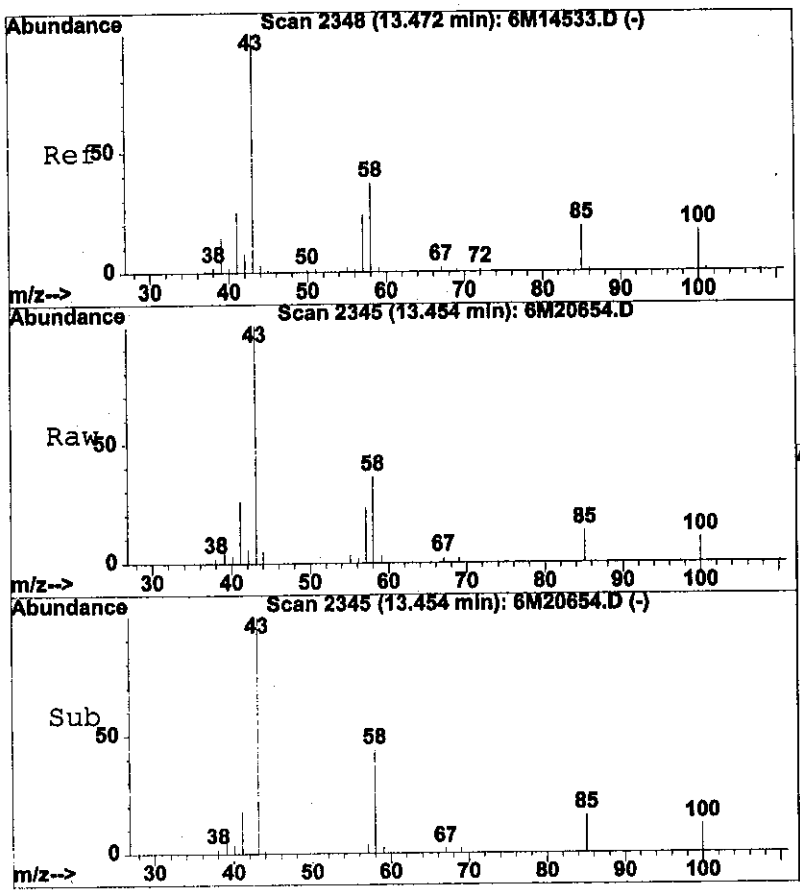


#35
Benzene
Concen: 0.93 ug/kg
RT: 11.62 min Scan# 1997
Delta R.T. 0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 78 Resp: 34468

Ion	Ratio	Lower	Upper
78	100		
52	24.9	14.2	21.4#

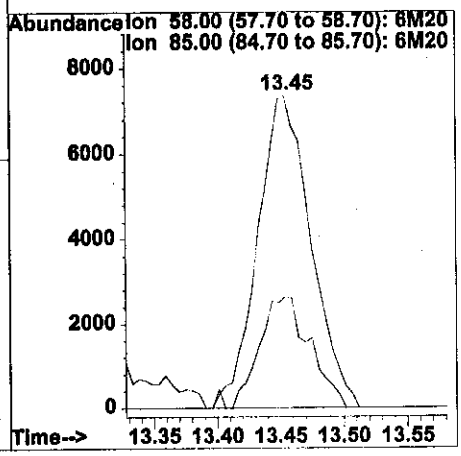


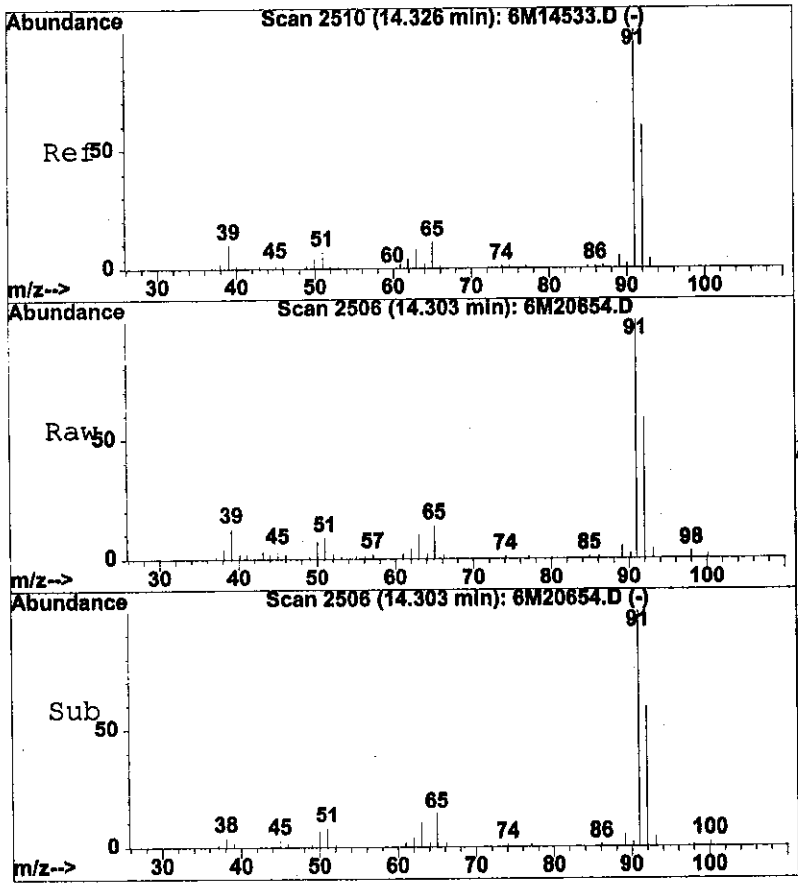


#41
4-Methyl-2-Pentanone
Concen: 5.29 ug/kg
RT: 13.45 min Scan# 2345
Delta R.T. 0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 58 Resp: 21514

Ion	Ratio	Lower	Upper
58	100		
85	33.7	32.2	48.2

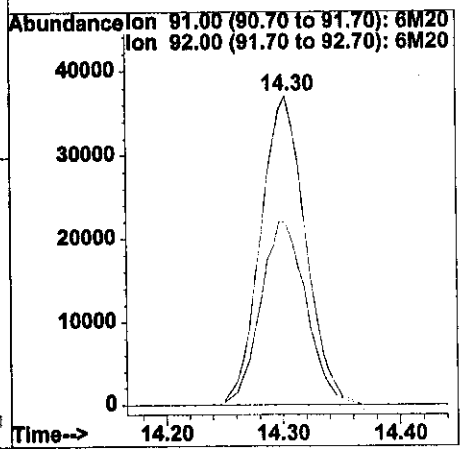


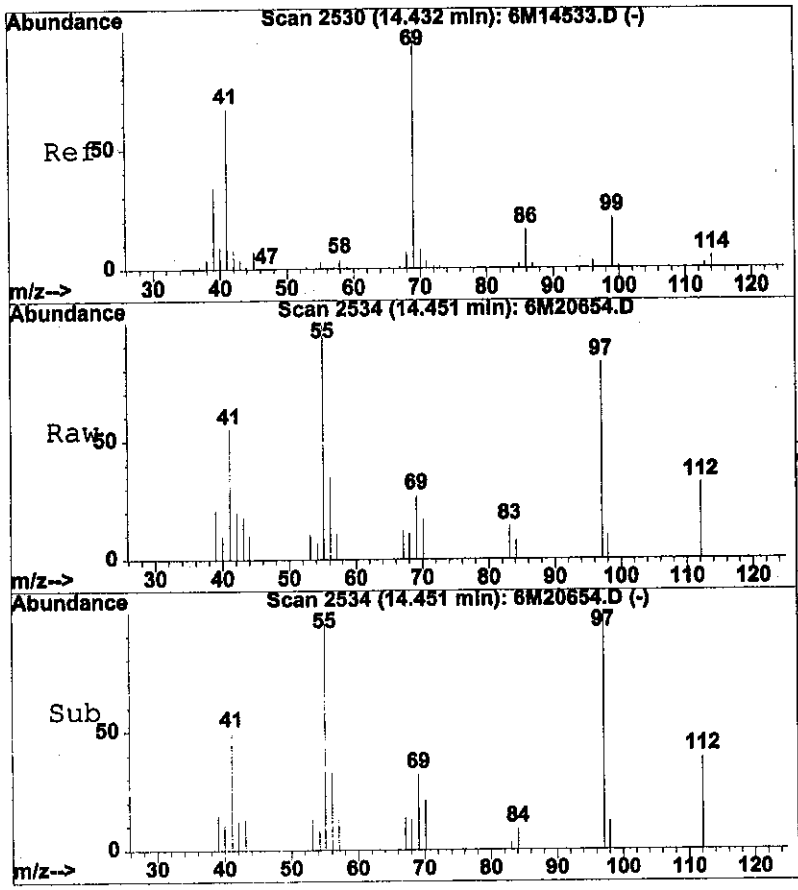


#46
Toluene
Concen: 2.50 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91 Resp: 98786

Ion	Ratio	Lower	Upper
91	100		
92	60.3	46.6	69.8

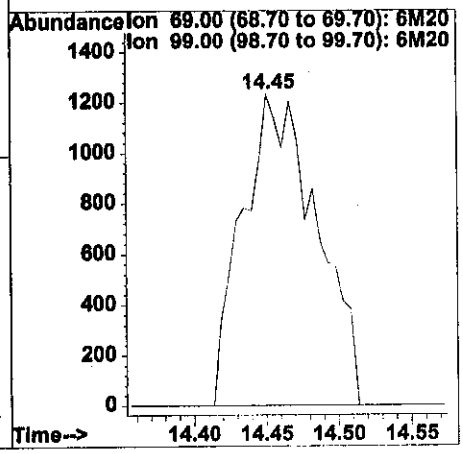


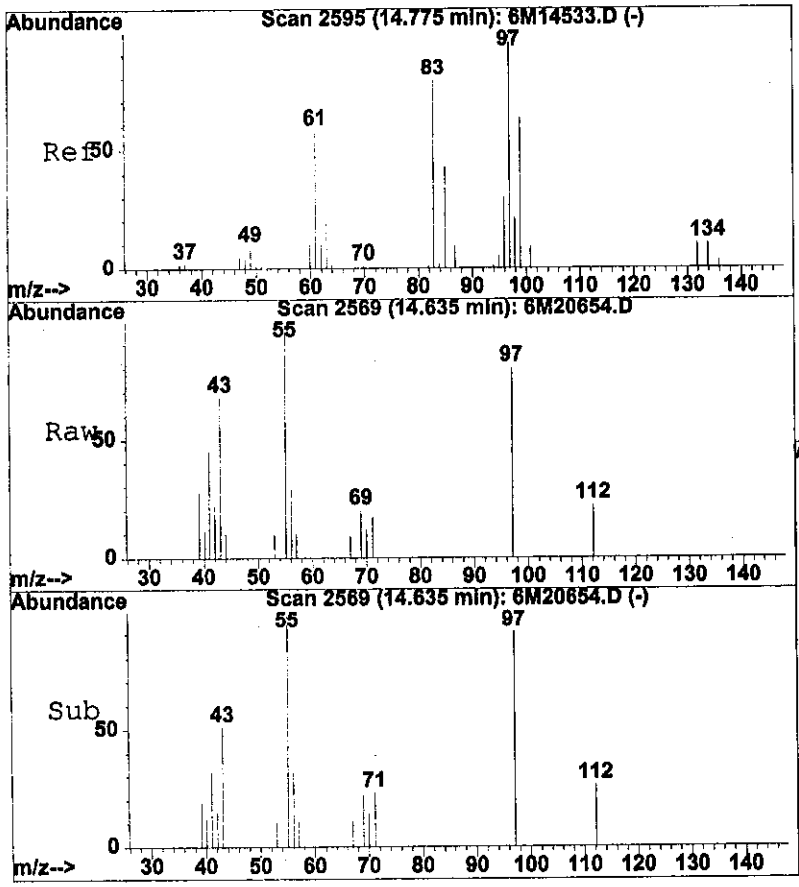


#47
Ethyl Methacrylate
Concen: 0.42 ug/kg
RT: 14.45 min Scan# 2534
Delta R.T. 0.03 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 69 Resp: 4397

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

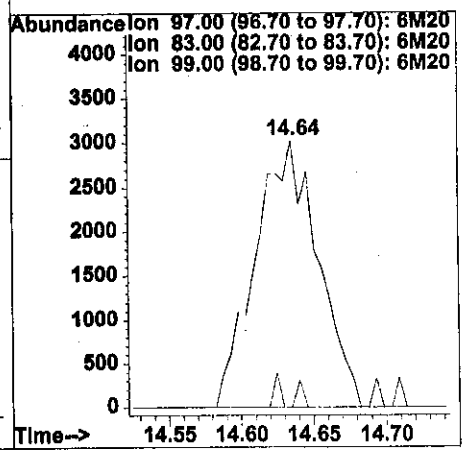


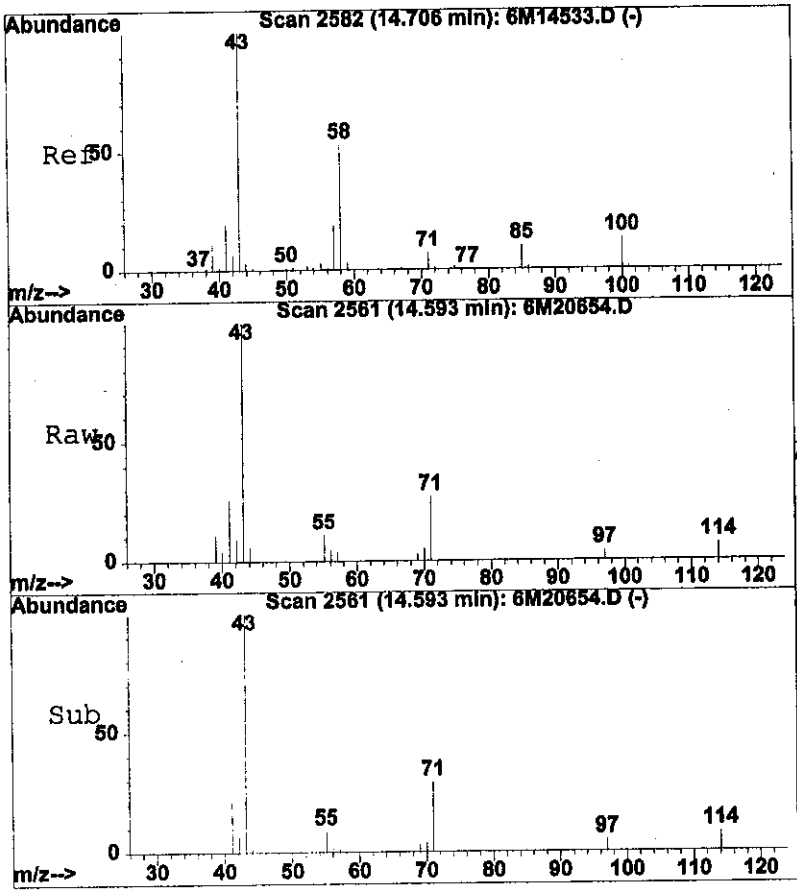


#49
1,1,2-Trichloroethane
Concen: 1.17 ug/kg
RT: 14.64 min Scan# 2569
Delta R.T. -0.11 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 97 Resp: 9123

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
99	0.0	49.8	74.6#

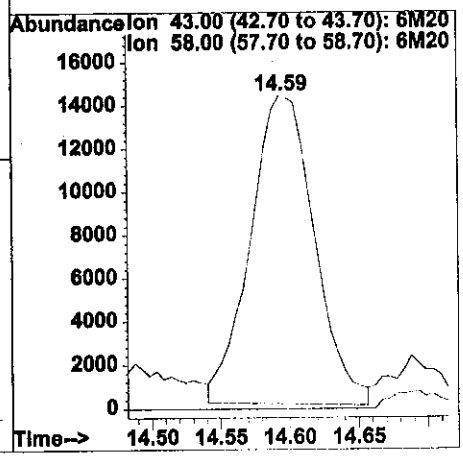


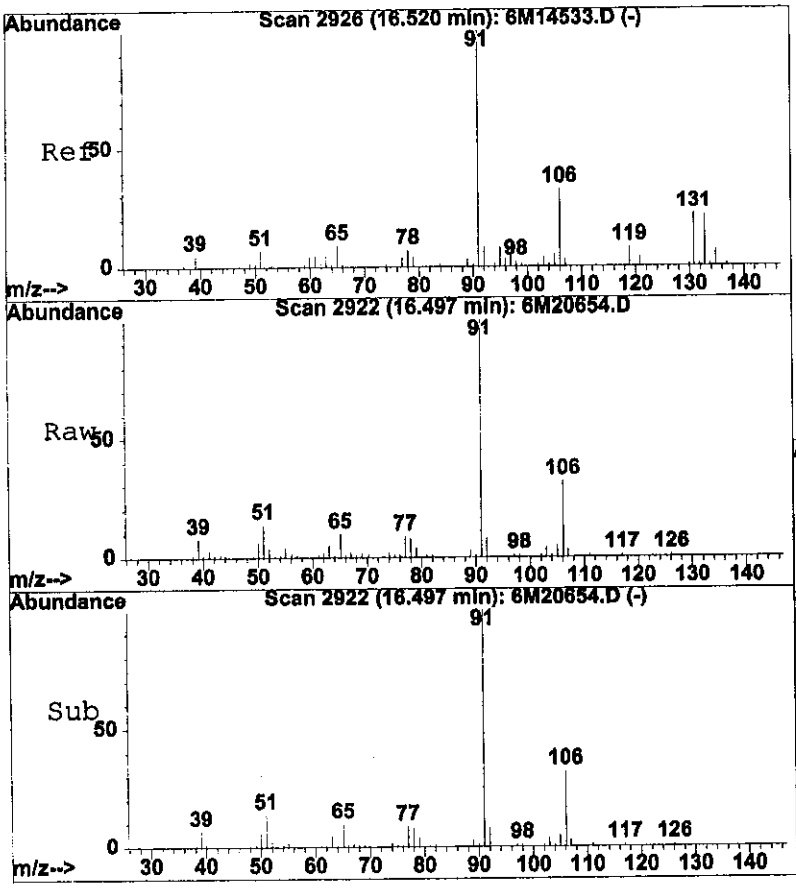


#50
2-Hexanone
Concen: 4.60 ug/kg
RT: 14.59 min Scan# 2561
Delta R.T. -0.10 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 43 Resp: 45728

Ion	Ratio	Lower	Upper
43	100		
58	0.0	5.5	8.3#

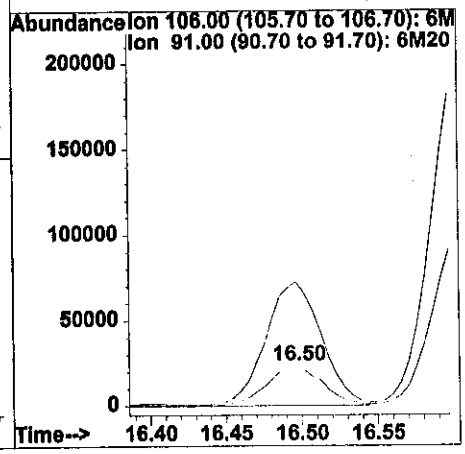


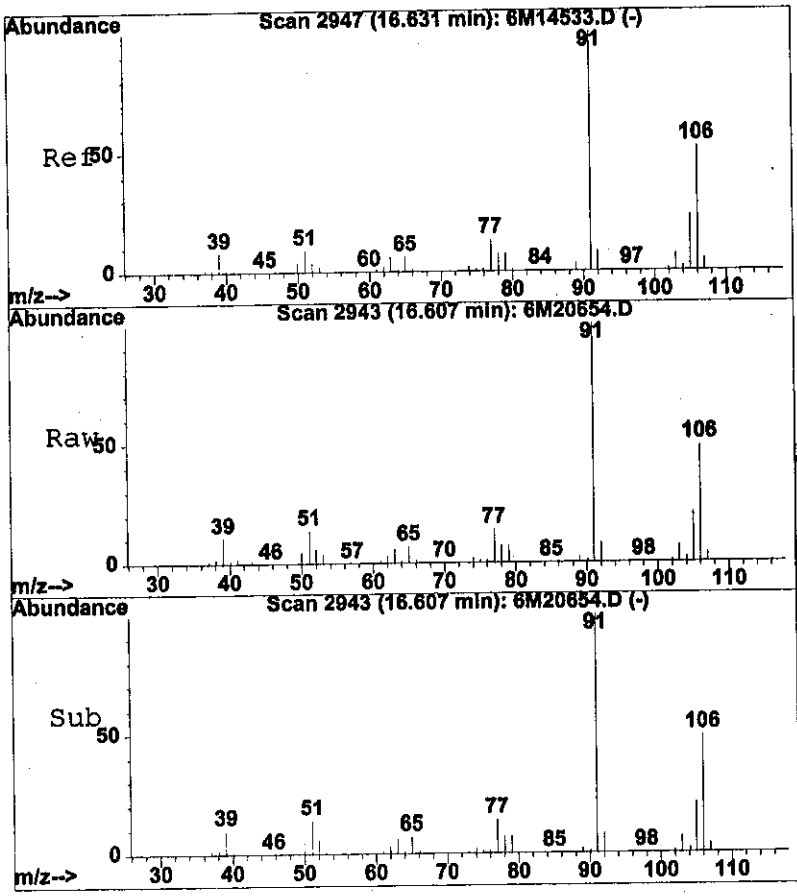


#58
Ethylbenzene
Concen: 3.84 ug/kg
RT: 16.50 min Scan# 2922
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp: 58062

Ion	Ratio	Lower	Upper
106	100		
91	314.8	259.6	389.4

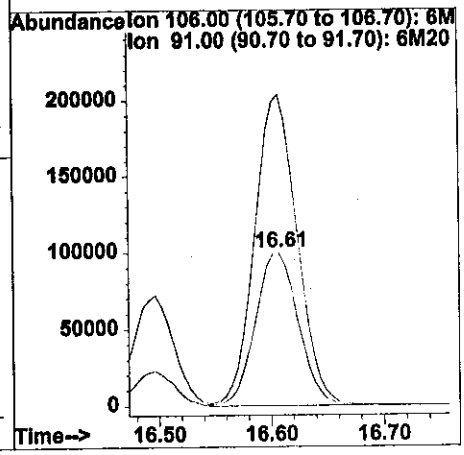


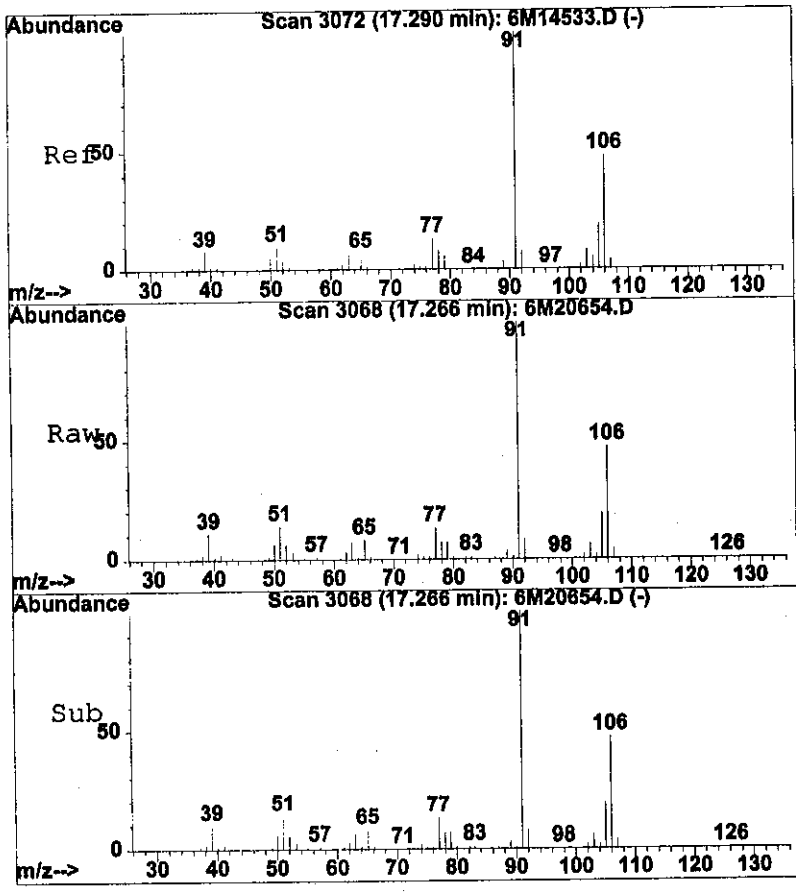


#59
m-,p-Xylene
Concen: 13.82 ug/kg
RT: 16.61 min Scan# 2943
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp: 263441

Ion	Ratio	Lower	Upper
106	100		
91	202.5	165.9	248.9

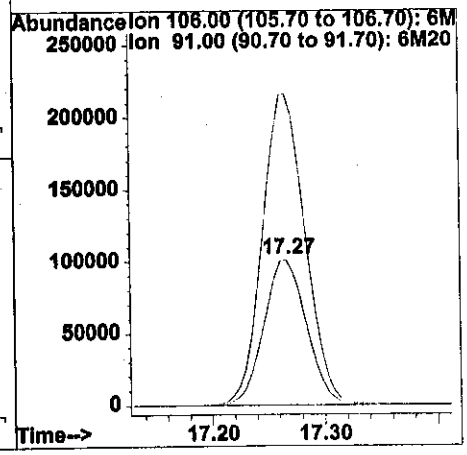


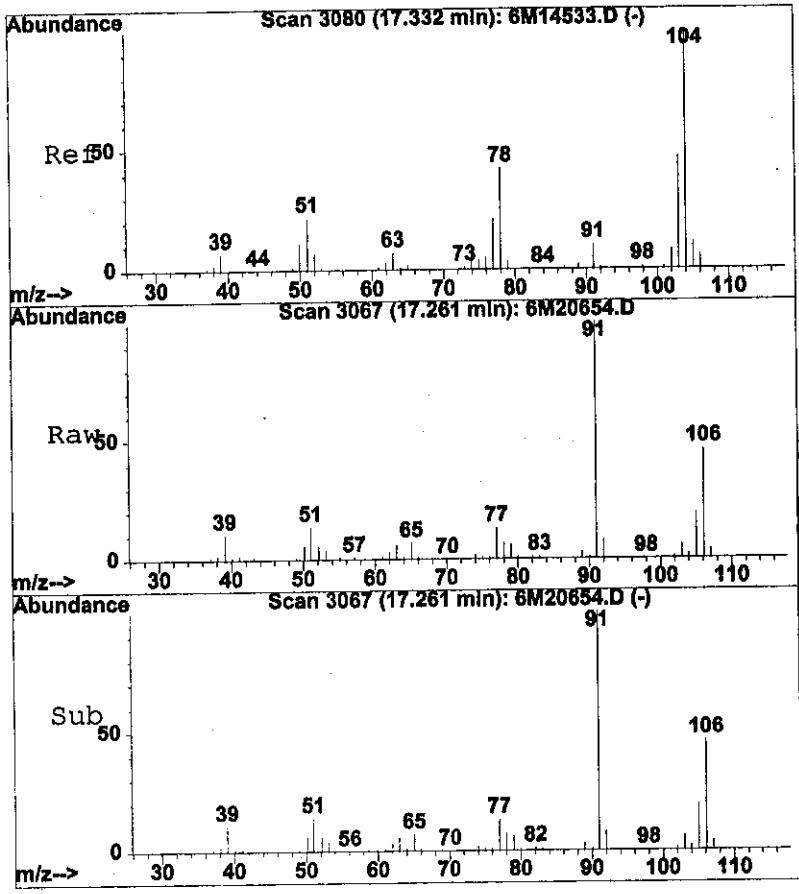


#60
o-Xylene
Concen: 14.54 ug/kg
RT: 17.27 min Scan# 3068
Delta R.T. 0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:106 Resp: 265066

Ion	Ratio	Lower	Upper
106	100		
91	214.9	174.6	262.0

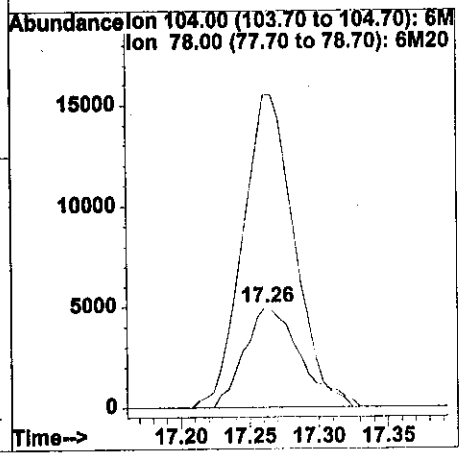


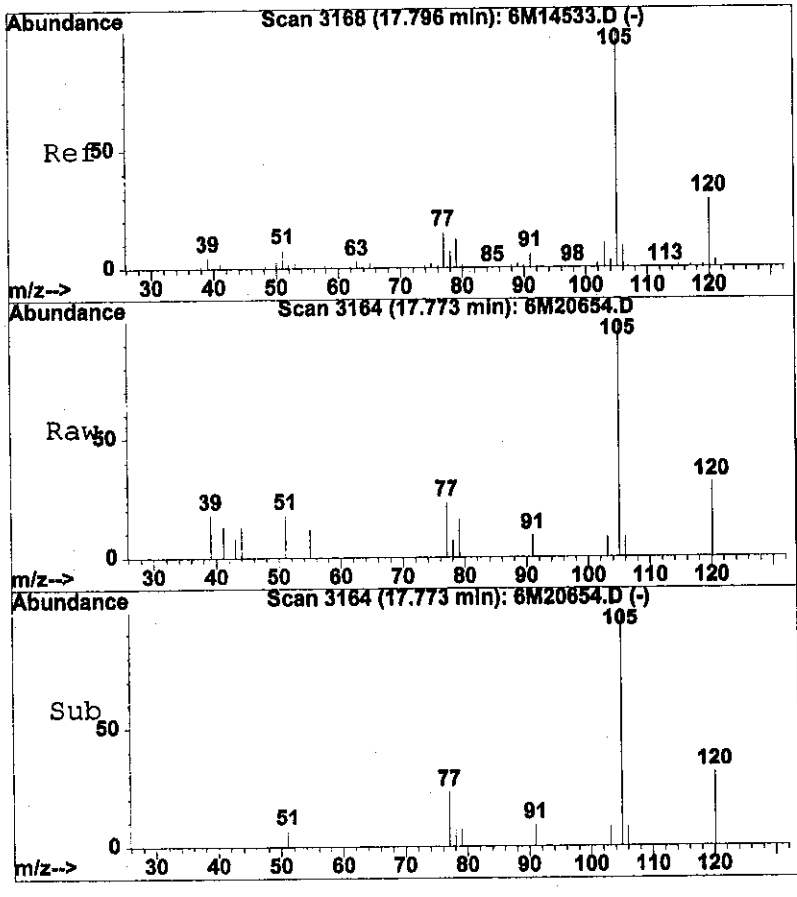


#61
Styrene
Concen: 0.46 ug/kg
RT: 17.26 min Scan# 3067
Delta R.T. -0.04 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:104 Resp: 14030

Ion	Ratio	Lower	Upper
104	100		
78	287.5	43.7	65.5#

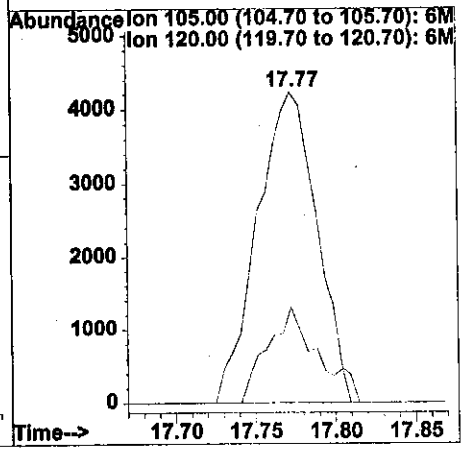


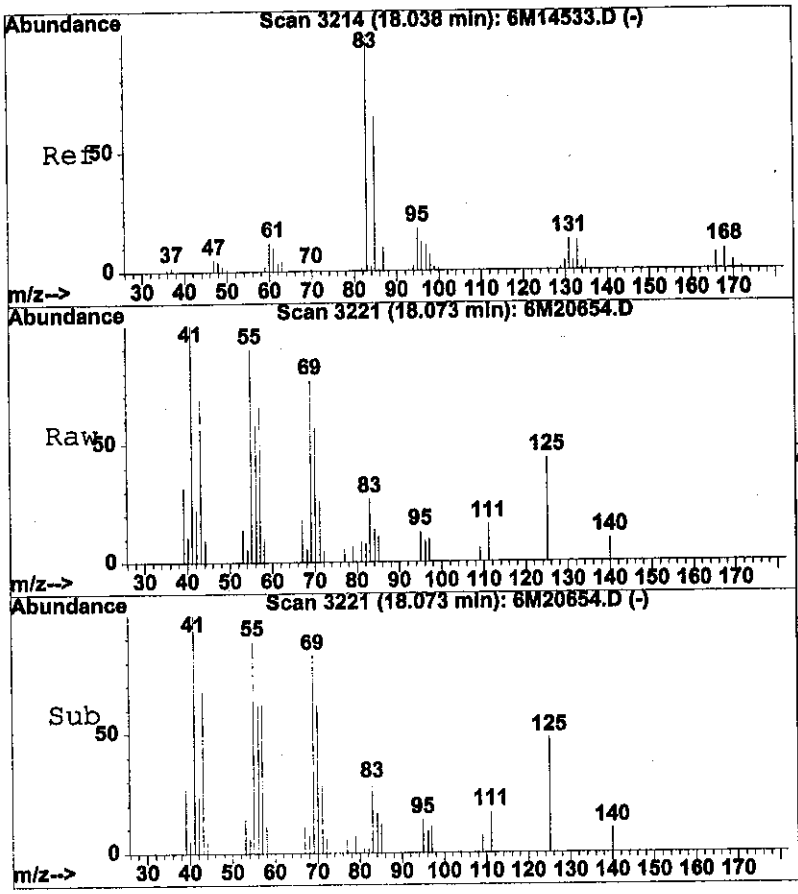


#63
Isopropylbenzene
Concen: 0.23 ug/kg
RT: 17.77 min Scan# 3164
Delta R.T. 0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 11071

Ion	Ratio	Lower	Upper
105	100		
120	24.5	21.3	31.9

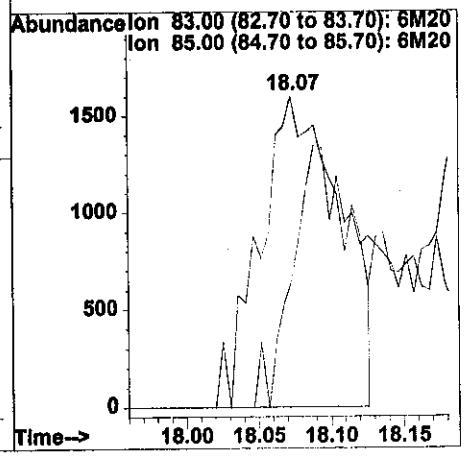


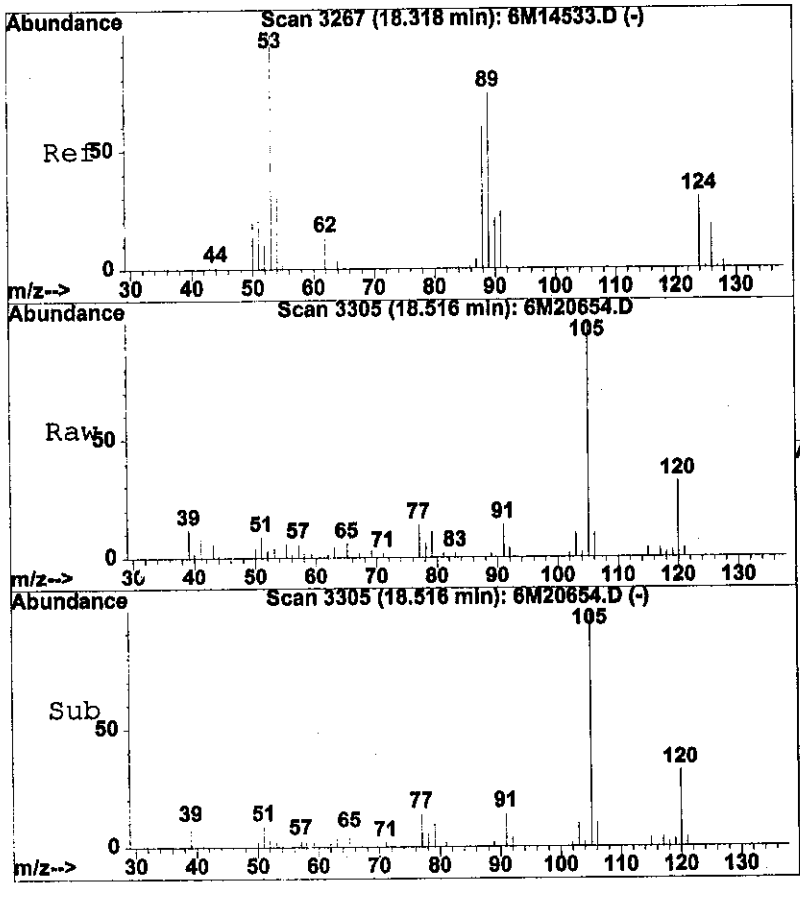


#65
1,1,2,2-Tetrachloroethane
Concen: 0.71 ug/kg
RT: 18.07 min Scan# 3221
Delta R.T. 0.06 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 83 Resp: 6179

Ion	Ratio	Lower	Upper
83	100		
85	78.2	51.0	76.4#

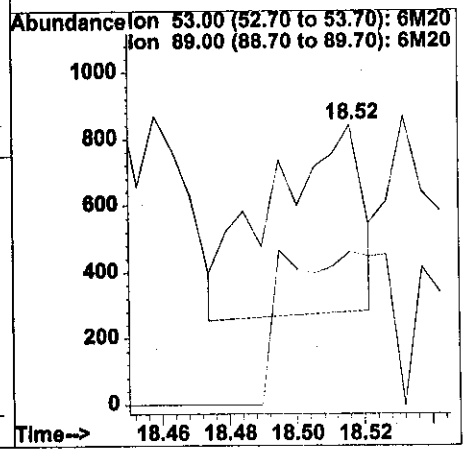


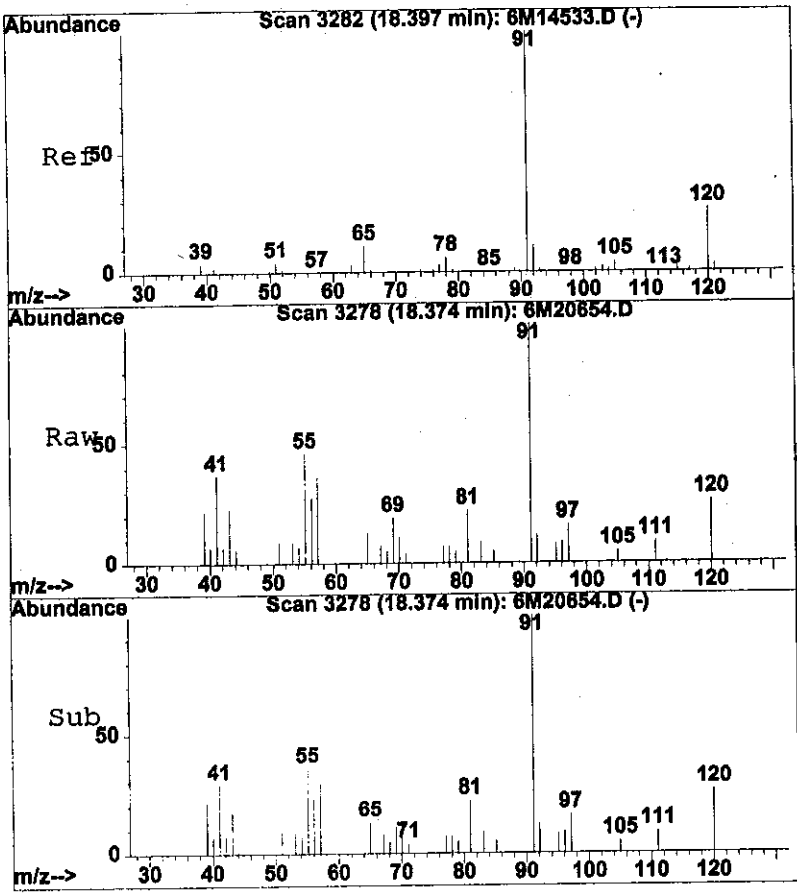


#68
trans-1,4-Dichloro-2-Butene
Concen: 0.30 ug/kg
RT: 18.52 min Scan# 3305
Delta R.T. 0.22 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 53 Resp: 1059

Ion	Ratio	Lower	Upper
53	100		
89	53.2	50.6	76.0

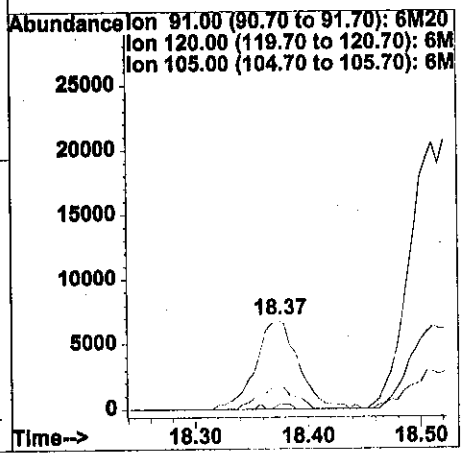


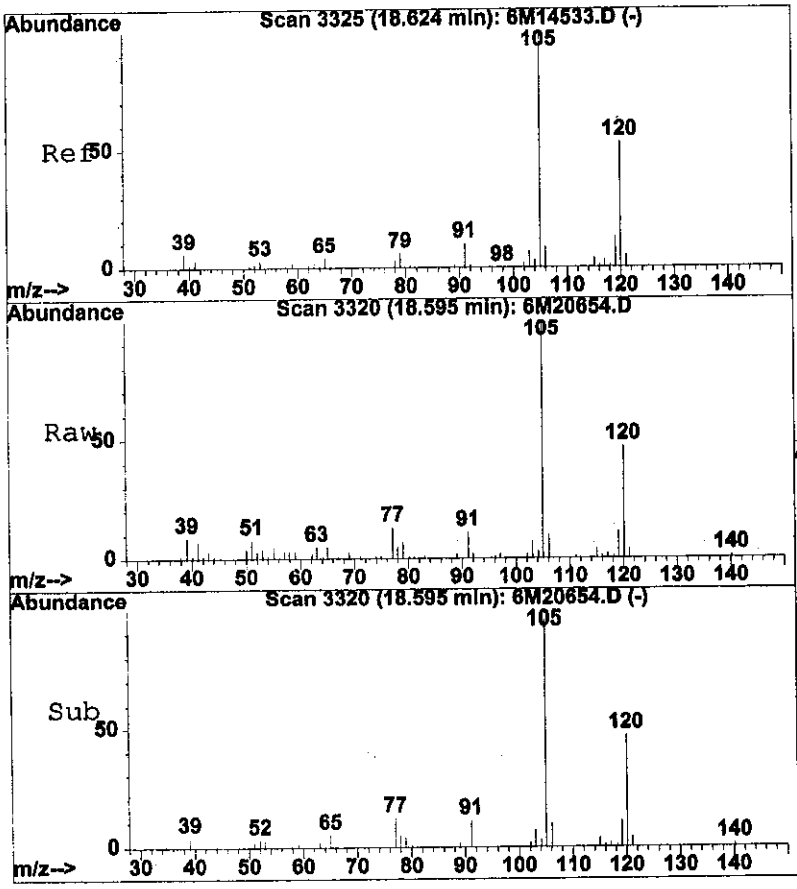


#69
n-Propylbenzene
Concen: 0.36 ug/kg
RT: 18.37 min Scan# 3278
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91 Resp: 17934

Ion	Ratio	Lower	Upper
91	100		
120	21.2	17.6	26.4
105	0.0	2.8	4.2#

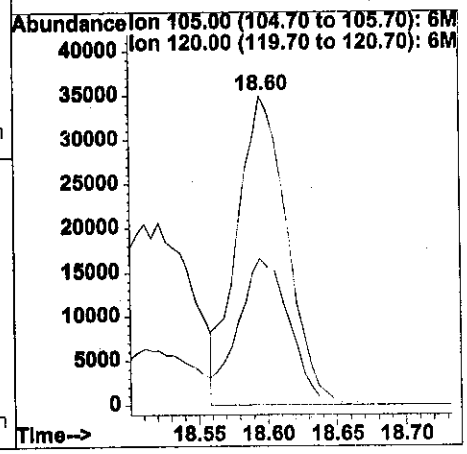


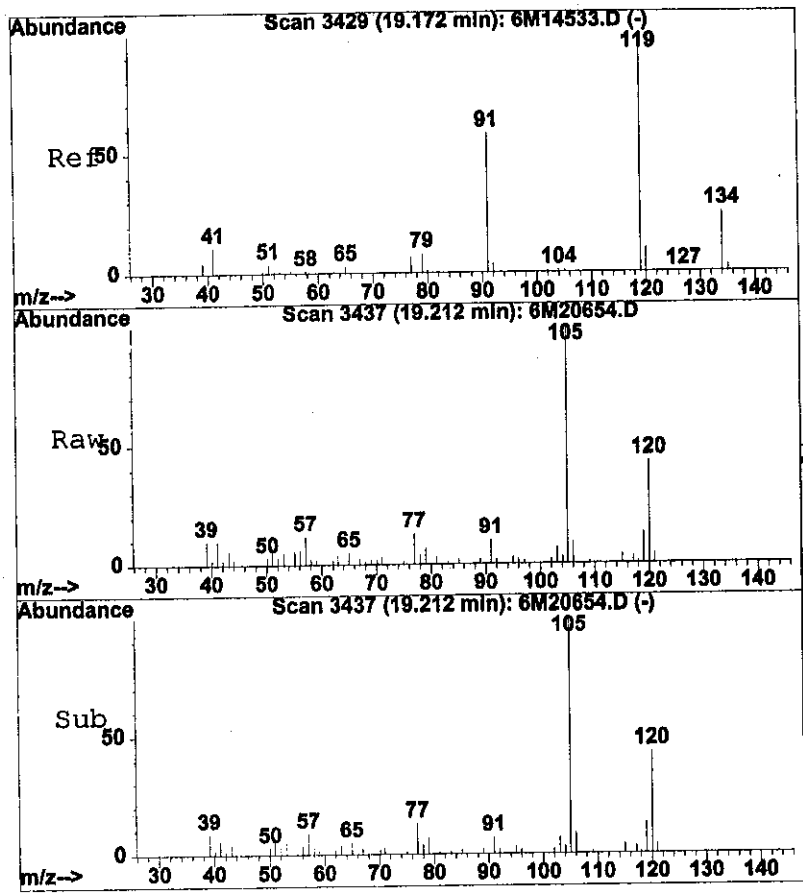


#71
1,3,5-Trimethylbenzene
Concen: 2.45 ug/kg
RT: 18.60 min Scan# 3320
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 88550

Ion	Ratio	Lower	Upper
105	100		
120	48.1	38.2	57.4

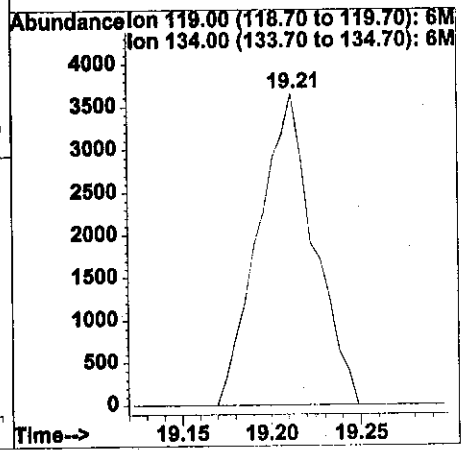


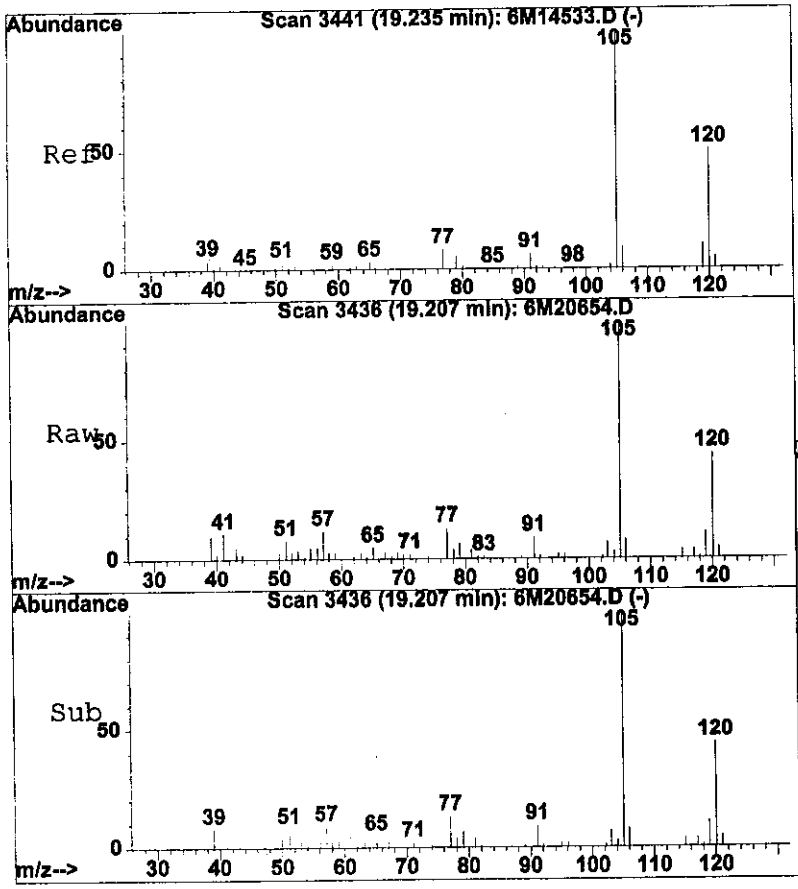


#75
tert-Butylbenzene
Concen: 0.24 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.07 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:119 Resp: 7916

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

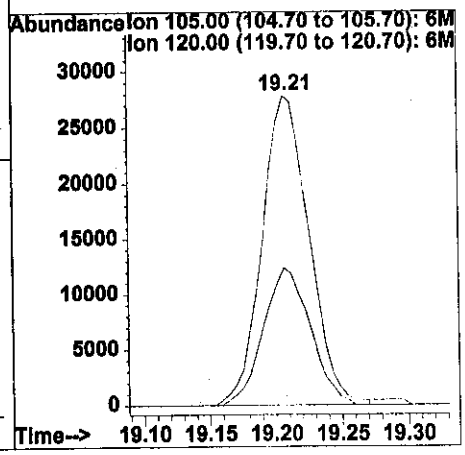


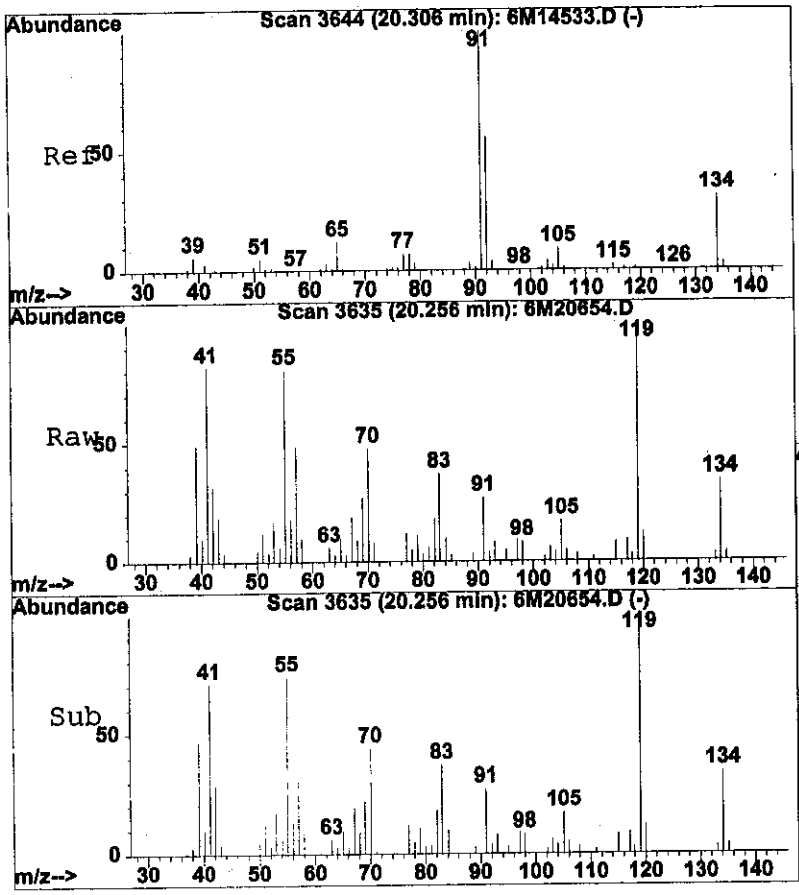


#76
1,2,4-Trimethylbenzene
Concen: 1.83 ug/kg
RT: 19.21 min Scan# 3436
Delta R.T. -0.00 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:105 Resp: 68771

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.9	53.9

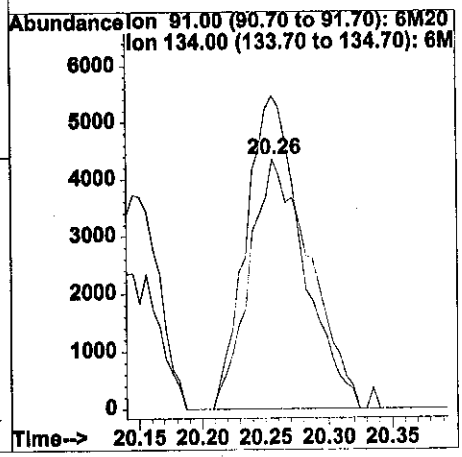


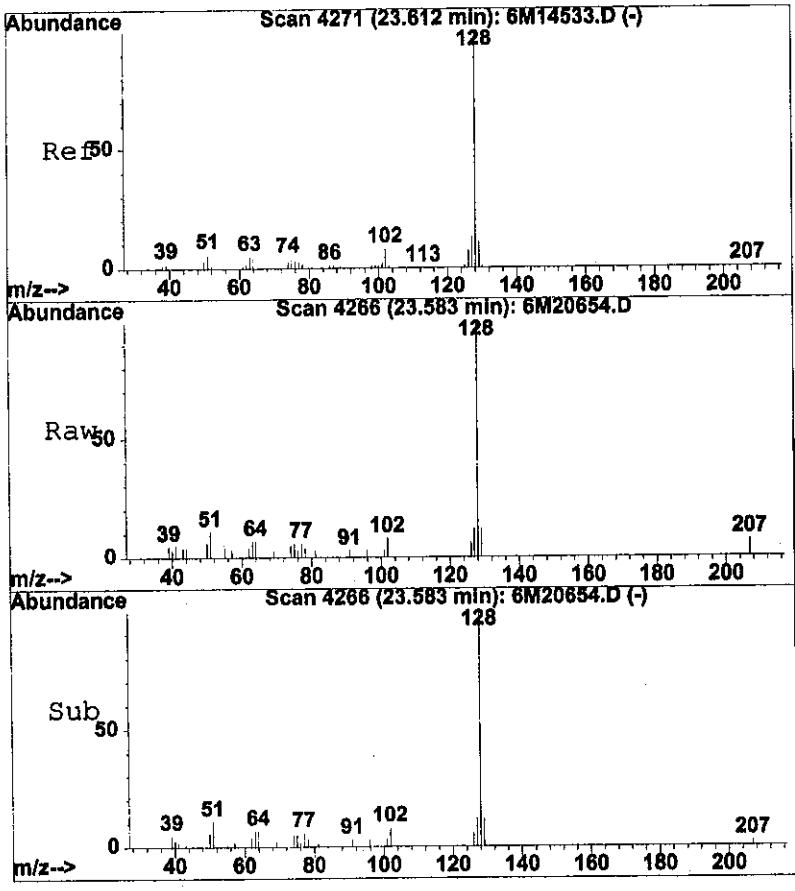


#81
n-Butylbenzene
Concen: 0.38 ug/kg
RT: 20.26 min Scan# 3635
Delta R.T. -0.02 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion: 91 Resp: 14584

Ion	Ratio	Lower	Upper
91	100		
134	114.9	19.5	29.3#

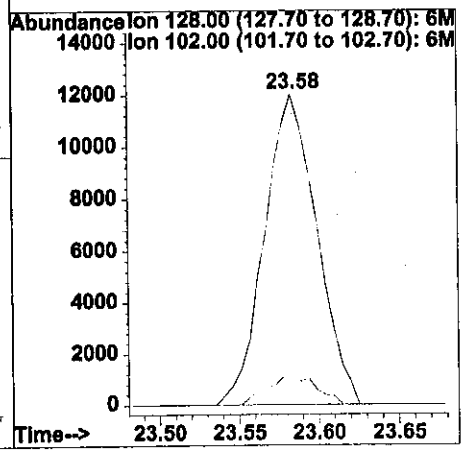




#86
Naphthalene
Concen: 0.82 ug/kg
RT: 23.58 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20654.D
Acq: 19 Jun 2000 16:45

Tgt Ion:128 Resp: 27414

Ion	Ratio	Lower	Upper
128	100		
102	8.7	7.2	10.8



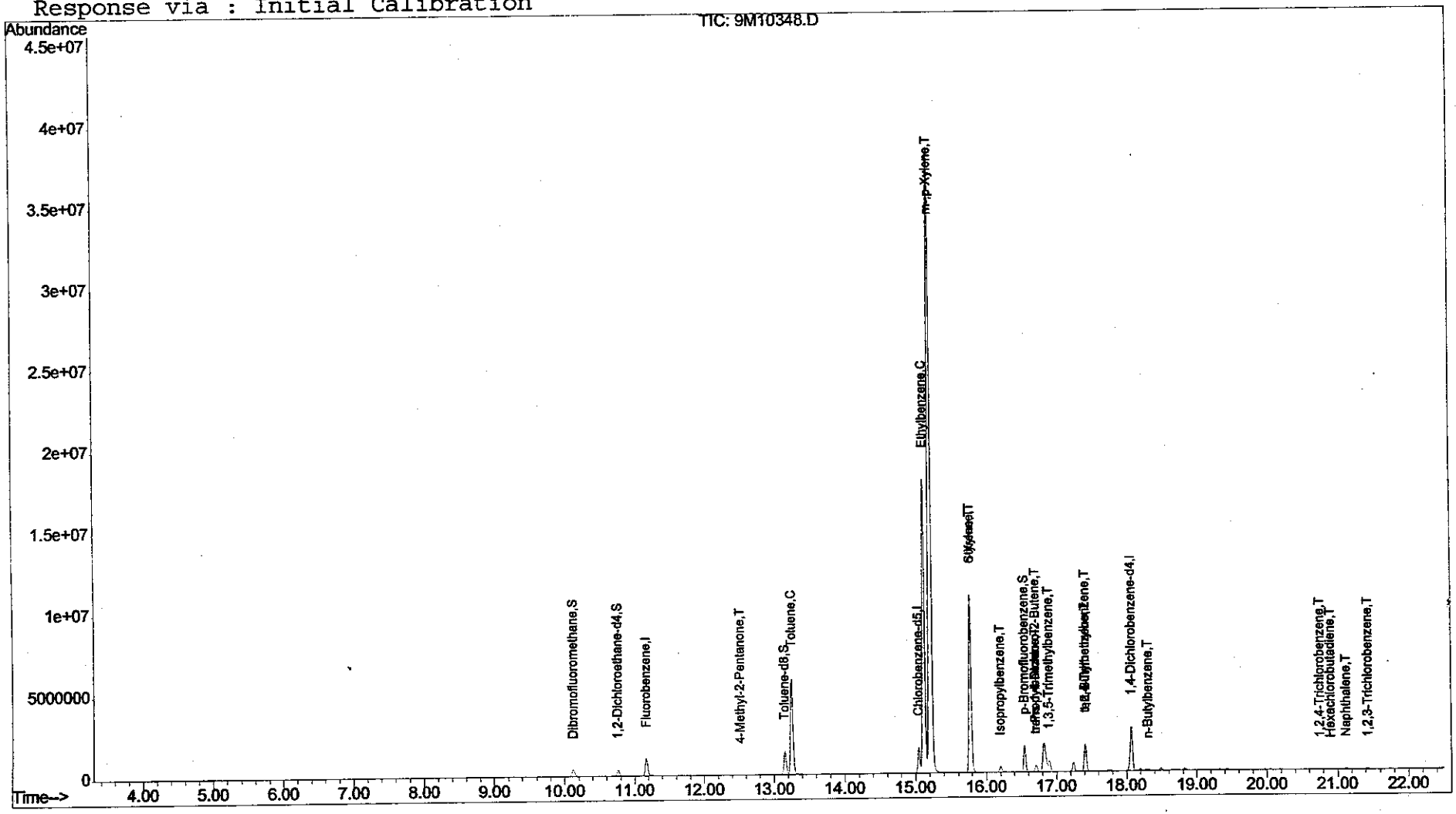
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062900\9M10348.D
Acq On : 29 Jun 2000 9:57
Sample : L0006193-11 100X 8260 ITCORP
Misc : WATER,100
MS Integration Params: rteint.p
Quant Time: Jun 29 10:19 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 100.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10348.D
Acq On : 29 Jun 2000 9:57
Sample : L0006193-11 100X 8260 ITCORP
Misc : WATER,100
MS Integration Params: rteint.p
Quant Time: Jun 29 10:19 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 100.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.17	96	1373081	25.00	ug/L		0.00
44) Chlorobenzene-d5	15.05	117	1192209	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	939933	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.13	111	356797	22.32	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 89.28%				
33) 1,2-Dichloroethane-d4	10.76	65	419945	21.64	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 86.56%				
45) Toluene-d8	13.15	98	1350676	23.41	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 93.64%				
66) p-Bromofluorobenzene	16.55	95	713835	24.82	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 99.28%				
Target Compounds							Qvalue
3) Chloromethane	4.09	50	964	6.58	ug/L		97
4) Vinyl Chloride	4.25	62	112	0.54	ug/L	#	40
5) Bromomethane	5.18	94	921	9.33	ug/L	#	70
11) Acetone	6.73	43	2625	130.30	ug/L	#	58
14) Iodomethane	7.47	142	971	6.22	ug/L	#	75
15) Methylene Chloride	7.71	84	1661	11.04	ug/L	#	45
16) Carbon Disulfide	7.77	76	812	1.71	ug/L	#	74
23) 2-Butanone	9.36	43	130	4.88	ug/L	#	61
34) 1,2-Dichloroethane	10.88	62	2622	10.75	ug/L	#	65
35) Benzene	10.93	78	6131	10.33	ug/L	#	80
41) 4-Methyl-2-Pentanone	12.52	58	3172	155.91	ug/L	#	75
43) Dimethyl Disulfide	13.15	79	330	2.31	ug/L	#	1
46) Toluene	13.25	91	6037588	8971.96	ug/L		98
47) Ethyl Methacrylate	13.39	69	212	1.50	ug/L	#	1
48) trans-1,3-Dichloropropene	13.35	75	215	1.03	ug/L	#	50
49) 1,1,2-Trichloroethane	13.55	97	1380	13.85	ug/L	#	9
52) Tetrachloroethene	14.08	164	223	1.65	ug/L	#	77
56) Chlorobenzene	15.09	112	1695	3.32	ug/L	#	85
58) Ethylbenzene	15.12	106	6207285	21851.76	ug/L	I	93
59) m-,p-Xylene	15.22	106	18857664	50606.56	ug/L	# I	1
60) o-Xylene	15.78	106	4324826	11848.83	ug/L		89
61) Styrene	15.78	104	220816	341.95	ug/L	#	1
63) Isopropylbenzene	16.20	105	339750	290.34	ug/L		95
65) 1,1,2,2-Tetrachloroethane	16.41	83	945	6.86	ug/L	#	68
67) 1,2,3-Trichloropropane	16.59	110	122	2.51	ug/L	#	87
68) trans-1,4-Dichloro-2-Buten	16.71	53	2194	59.08	ug/L	#	1
69) n-Propylbenzene	16.71	91	446672	392.00	ug/L		94

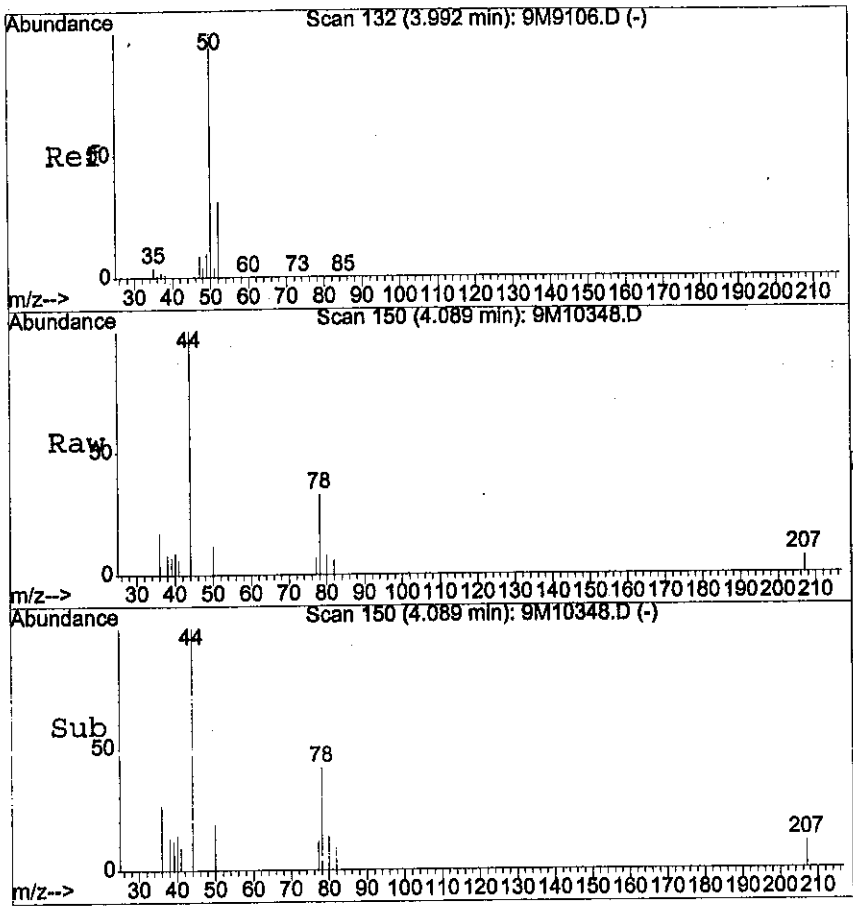
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\062900\9M10348.D Vial: 6
Acq On : 29 Jun 2000 9:57 Operator: MES
Sample : L0006193-11 100X 8260 ITCORP Inst : HPMS_9
Misc : WATER,100 Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 29 10:19 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
70)	Bromobenzene	16.83	156	216	0.89	ug/L	#	1
71)	1,3,5-Trimethylbenzene	16.89	105	525972	575.17	ug/L		91
72)	2-Chlorotoluene	16.98	91	2667	3.57	ug/L	#	54
73)	4-Chlorotoluene	17.03	91	4070	5.30	ug/L	#	68
74)	a-Methylstyrene	17.25	118	4140	7.84	ug/L	#	1
75)	tert-Butylbenzene	17.42	119	160226	211.75	ug/L	#	48
76)	1,2,4-Trimethylbenzene	17.42	105	1359480	1442.37	ug/L		94
77)	sec-Butylbenzene	17.64	105	13348	11.96	ug/L		93
78)	p-Isopropyltoluene	17.78	119	11427	11.03	ug/L		98
79)	1,3-Dichlorobenzene	17.98	146	3548	6.37	ug/L		89
80)	1,4-Dichlorobenzene	18.11	146	4764	8.15	ug/L	#	1
81)	n-Butylbenzene	18.31	91	34273	37.29	ug/L	#	1
82)	1,2-Dichlorobenzene	18.61	146	5457	10.80	ug/L		96
83)	1,2-Dibromo-3-Chloropropan	19.60	157	356	10.63	ug/L	#	34
84)	1,2,4-Trichlorobenzene	20.75	180	13799	42.35	ug/L		97
85)	Hexachlorobutadiene	20.90	225	8438	52.33	ug/L	#	91
86)	Naphthalene	21.12	128	85062	184.55	ug/L		100
87)	1,2,3-Trichlorobenzene	21.42	180	19274	74.65	ug/L		98

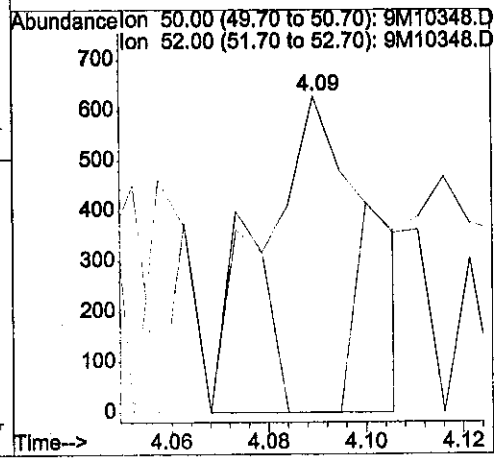
(#) = qualifier out of range (m) = manual integration

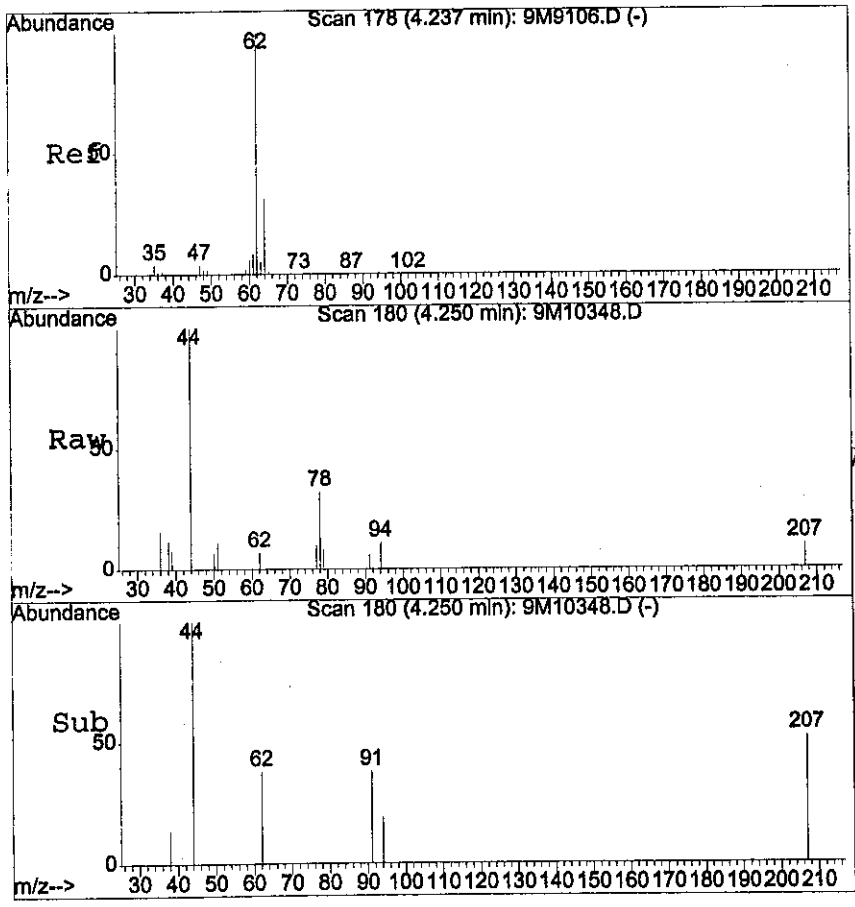


#3
Chloromethane
Concen: 6.58 ug/L
RT: 4.09 min Scan# 150
Delta R.T. 0.03 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 50 Resp: 964

Ion	Ratio	Lower	Upper
50	100		
52	37.7	31.6	47.4

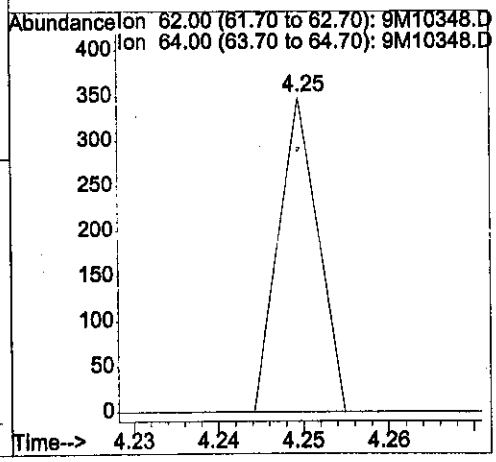


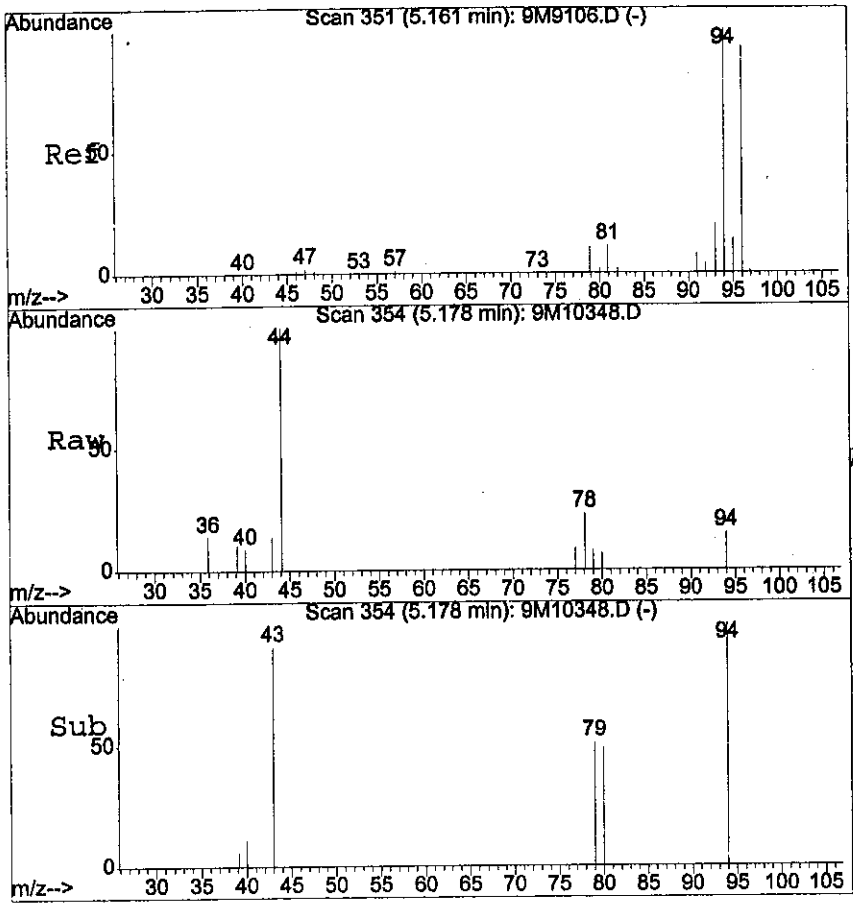


#4
Vinyl Chloride
Concen: 0.54 ug/L
RT: 4.25 min Scan# 180
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 62 Resp: 112

Ion	Ratio	Lower	Upper
62	100		
64	0.0	27.9	41.9#

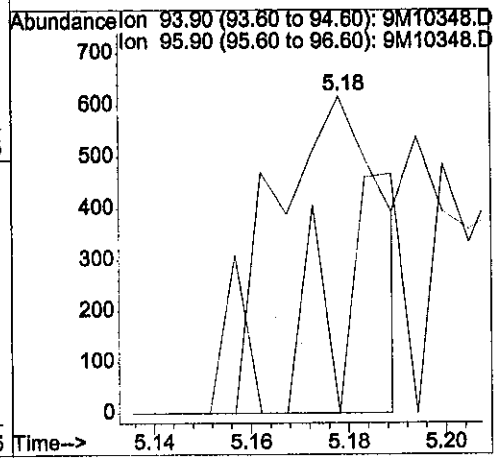


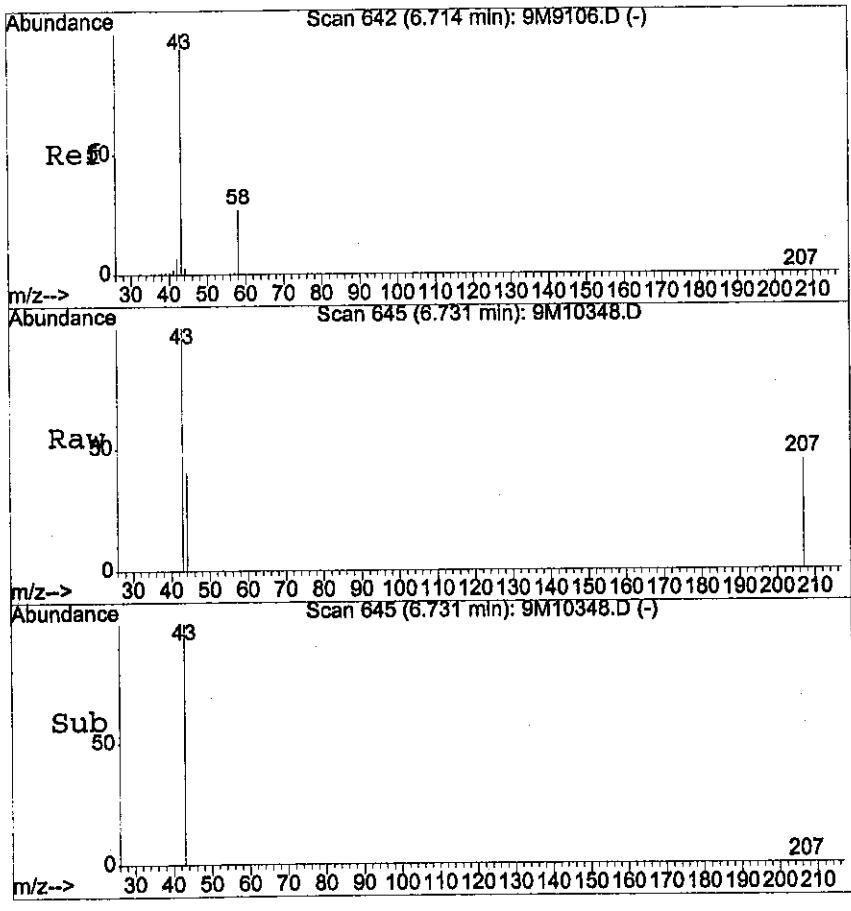


#5
Bromomethane
Concen: 9.33 ug/L
RT: 5.18 min Scan# 354
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 94 Resp: 921

Ion	Ratio	Lower	Upper
94	100		
96	46.4	56.9	85.3#

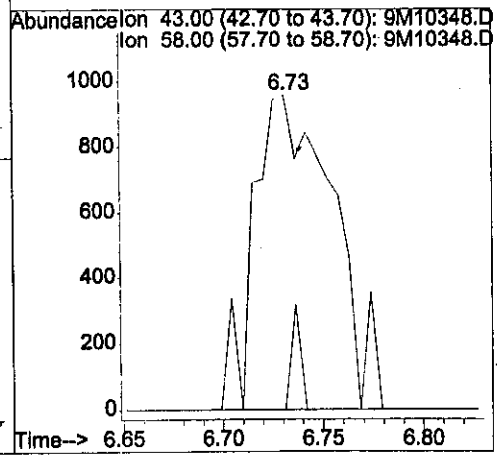


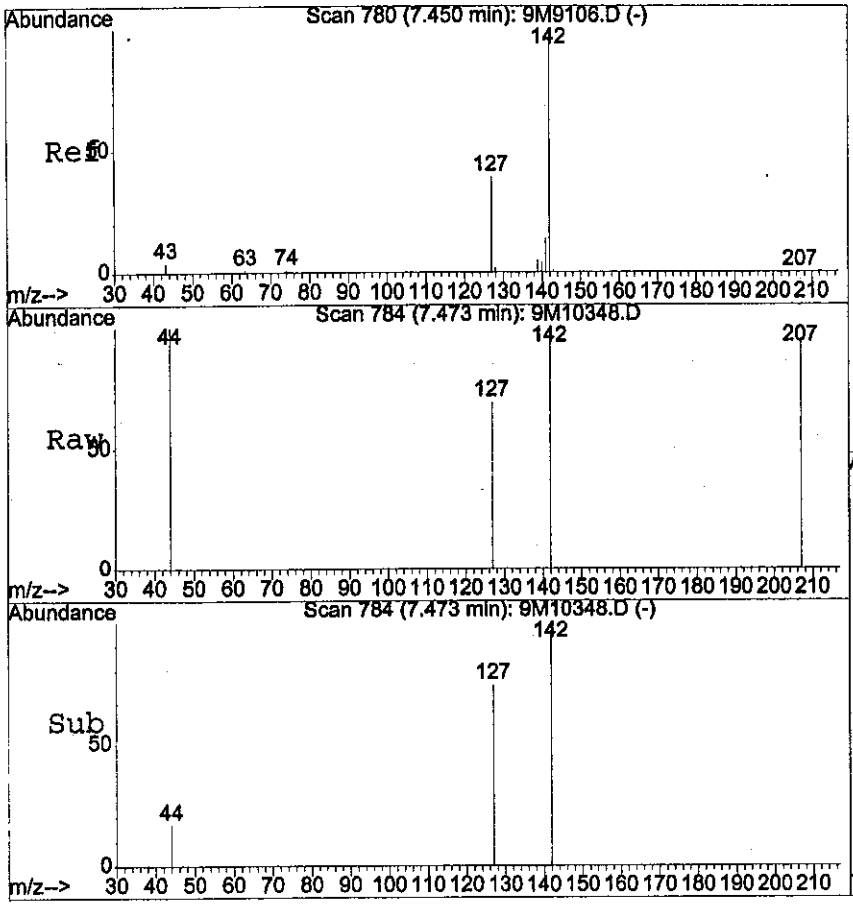


#11
Acetone
Concen: 130.30 ug/L
RT: 6.73 min Scan# 645
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 43 Resp: 2625

Ion	Ratio	Lower	Upper
43	100		
58	3.9	20.0	30.0#

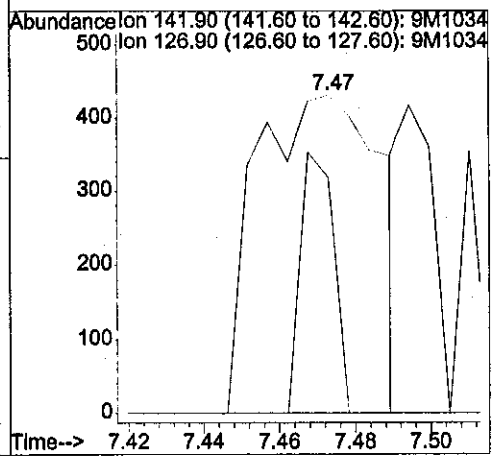


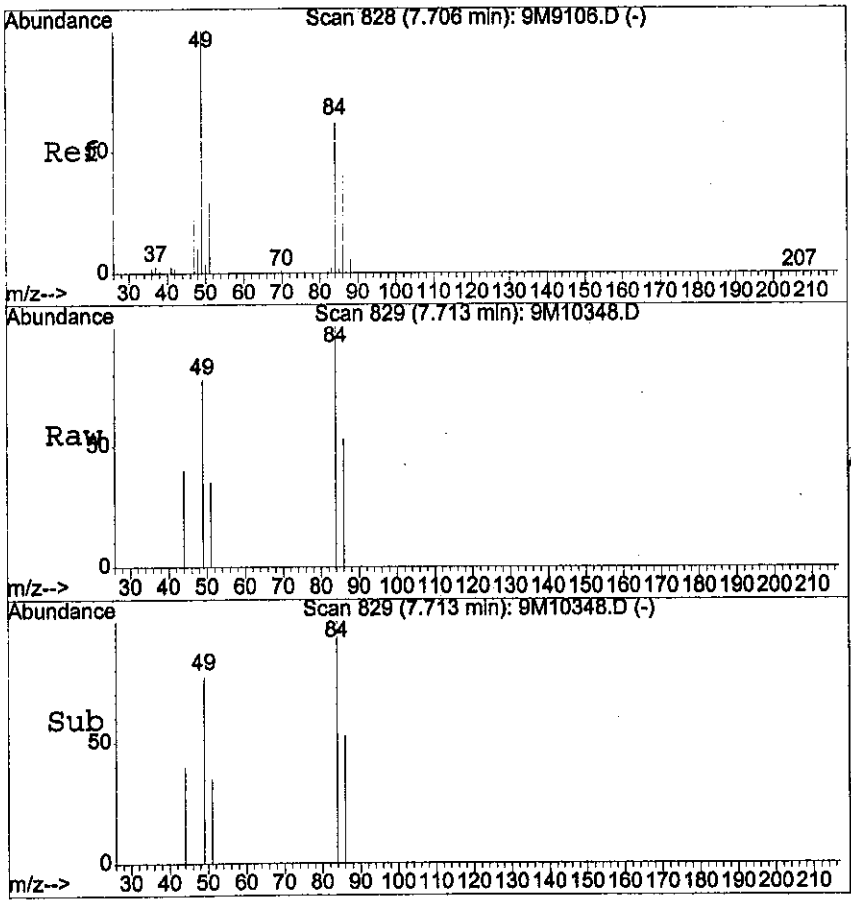


#14
Iodomethane
Concen: 6.22 ug/L
RT: 7.47 min Scan# 784
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:142 Resp: 971

Ion	Ratio	Lower	Upper
142	100		
127	22.1	29.7	44.5#

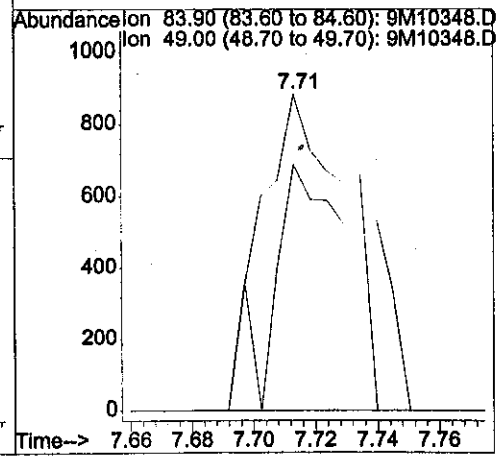


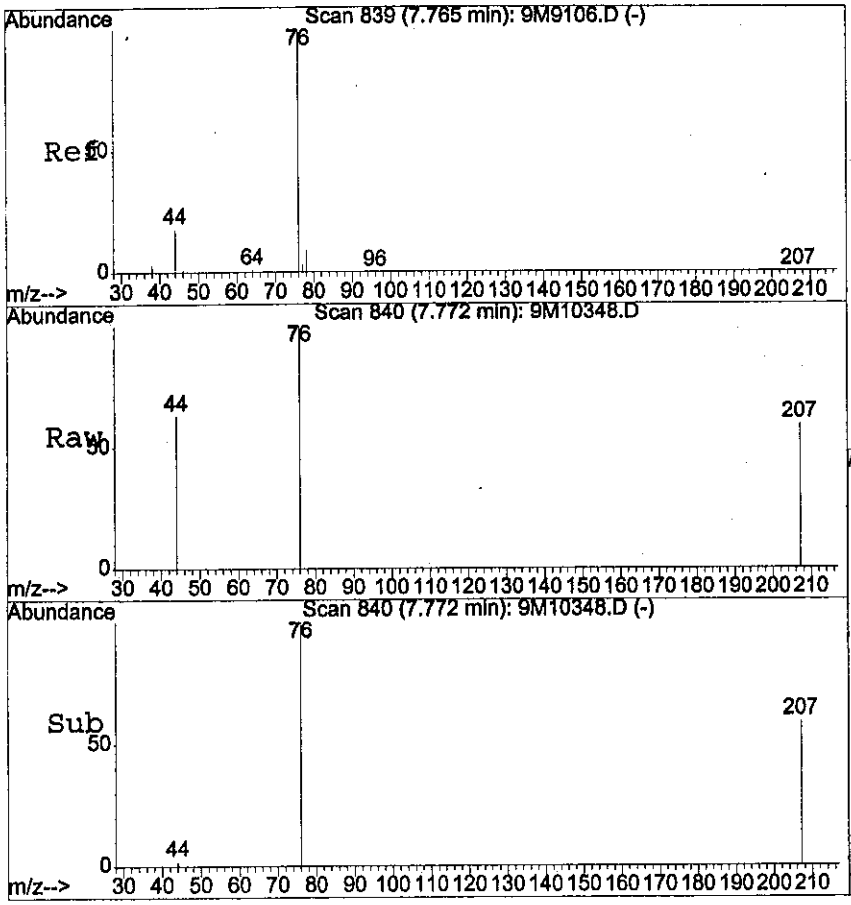


#15
Methylene Chloride
Concen: 11.04 ug/L
RT: 7.71 min Scan# 829
Delta R.T. -0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 84 Resp: 1661

Ion	Ratio	Lower	Upper
84	100		
49	87.4	128.3	192.5#

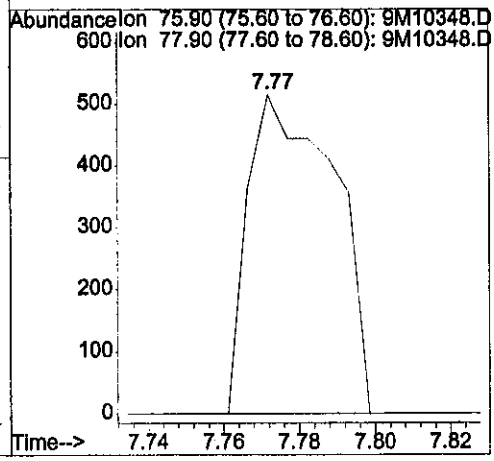


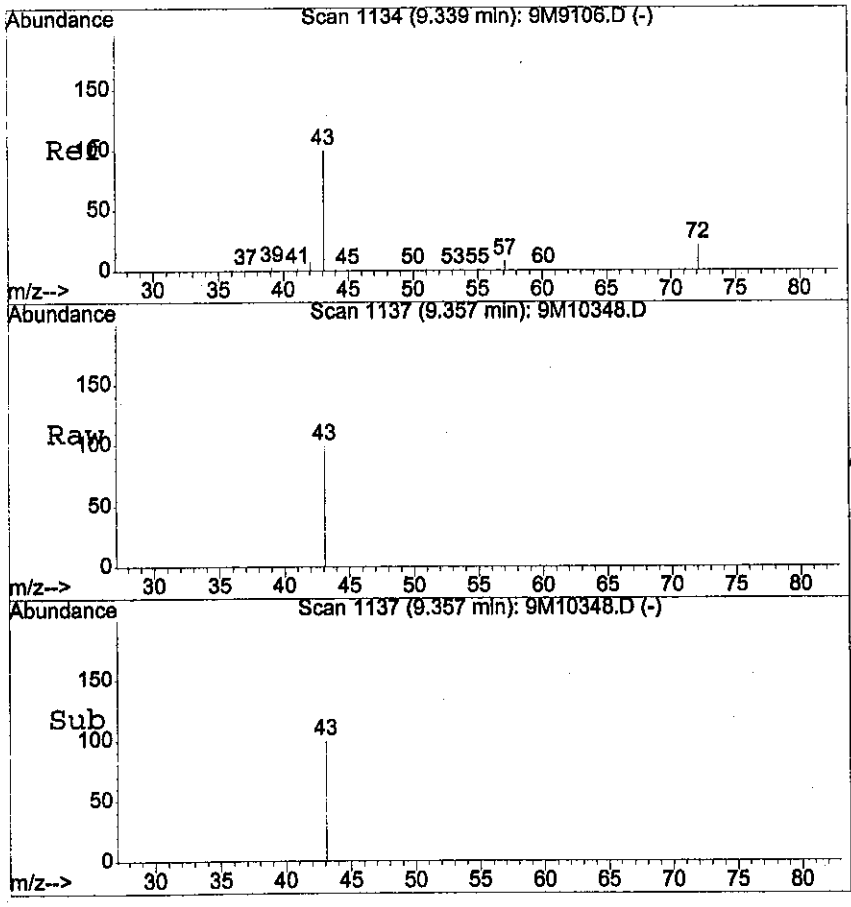


#16
Carbon Disulfide
Concen: 1.71 ug/L
RT: 7.77 min Scan# 840
Delta R.T. -0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 76 Resp: 812

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

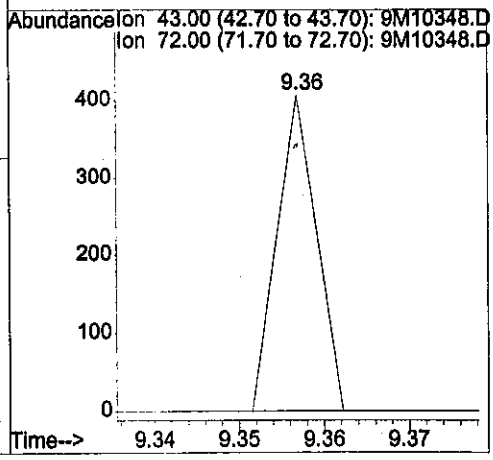


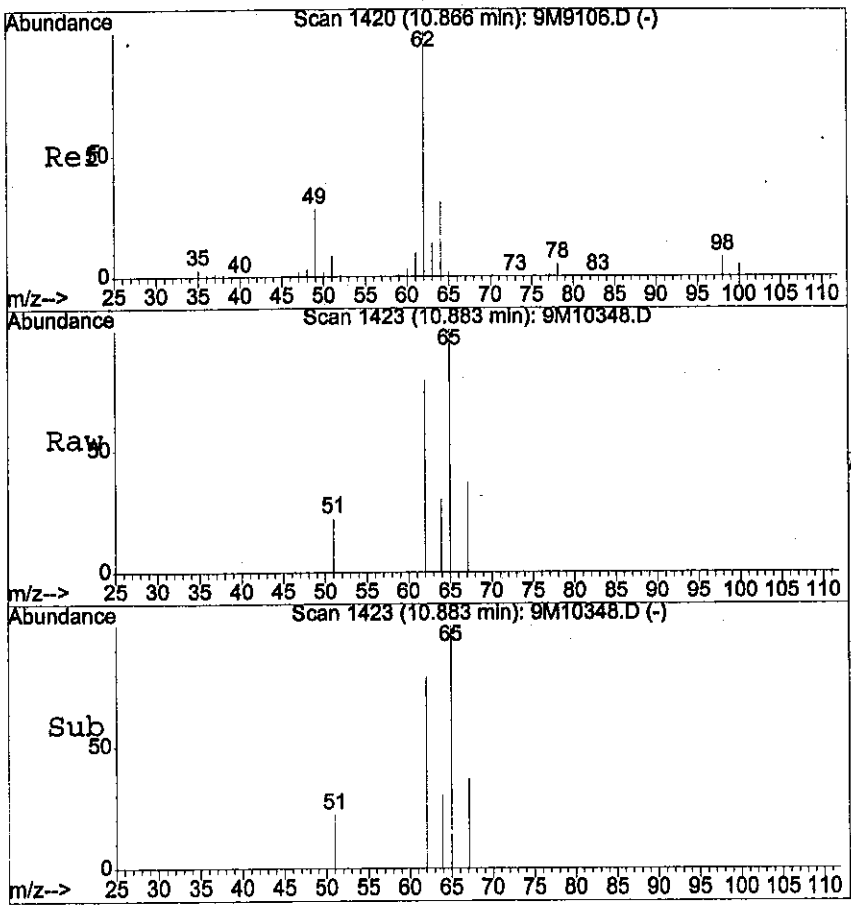


#23
2-Butanone
Concen: 4.88 ug/L
RT: 9.36 min Scan# 1137
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 43 Resp: 130

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.6	20.4#

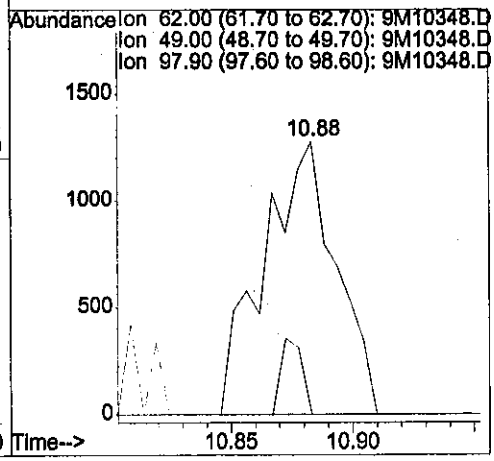


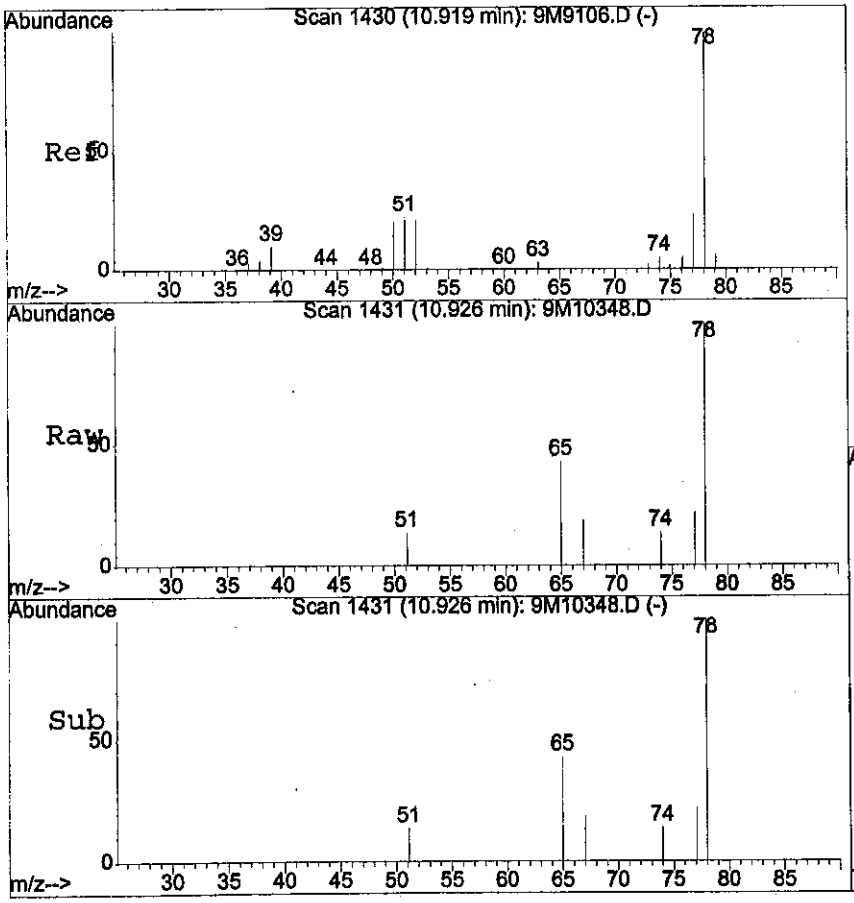


#34
1,2-Dichloroethane
Concen: 10.75 ug/L
RT: 10.88 min Scan# 1423
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 62 Resp: 2622

Ion	Ratio	Lower	Upper
62	100		
49	8.1	23.0	34.4#
98	0.0	5.4	8.2#

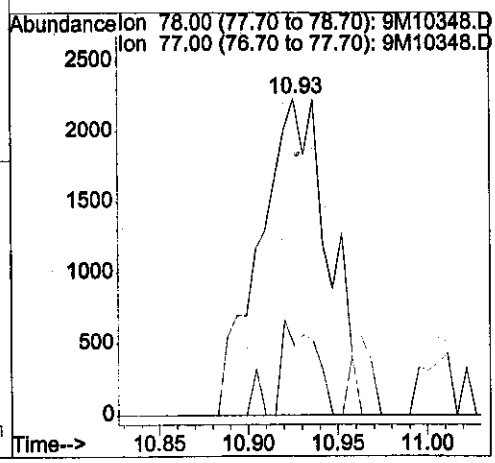


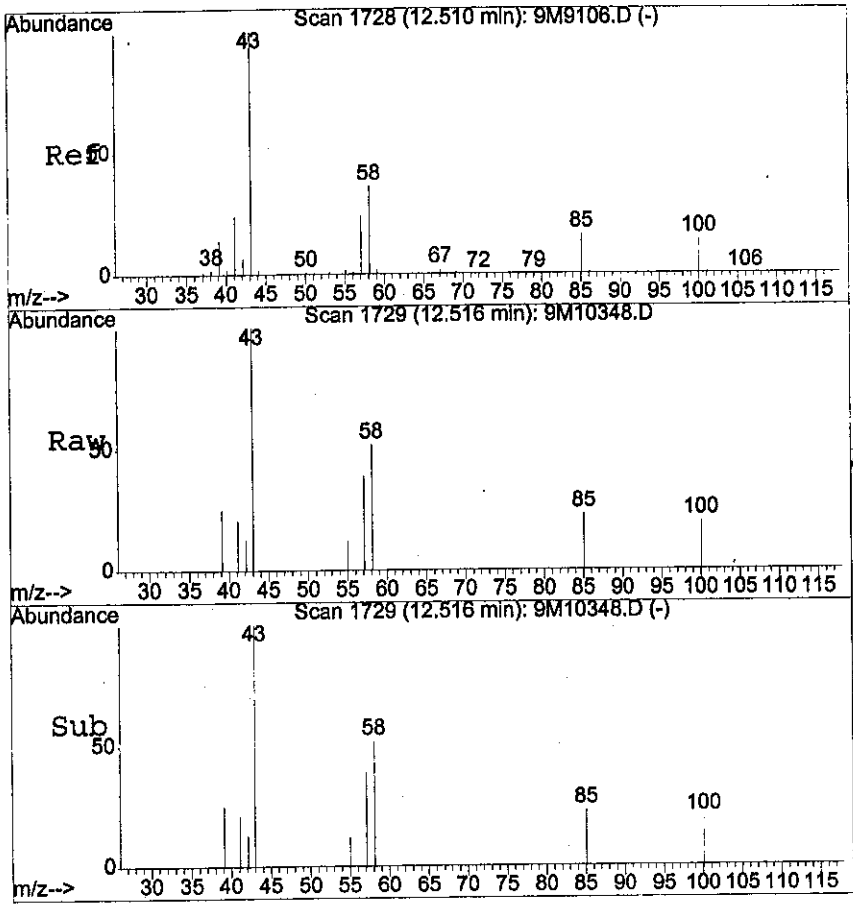


#35
Benzene
Concen: 10.33 ug/L
RT: 10.93 min Scan# 1431
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 78 Resp: 6131

Ion	Ratio	Lower	Upper
78	100		
77	13.3	18.4	27.6#

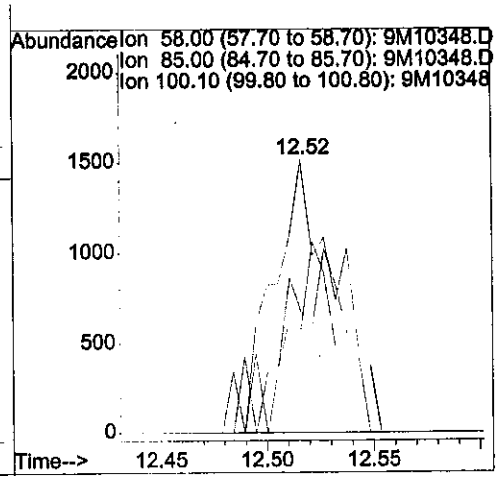


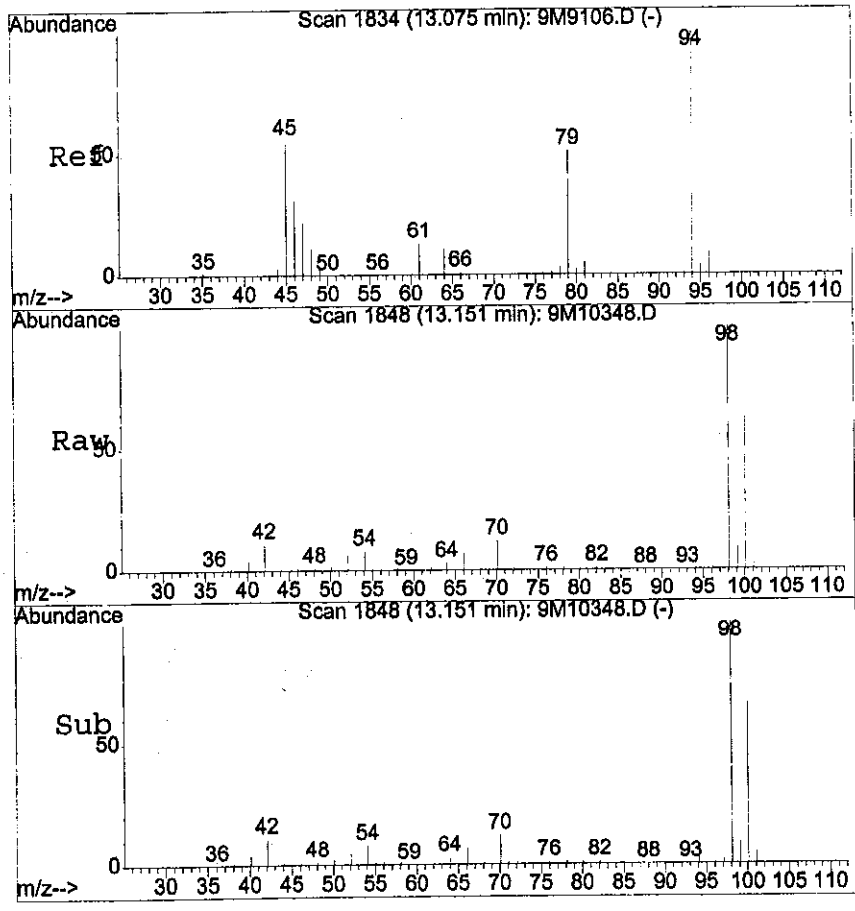


#41
4-Methyl-2-Pentanone
Concen: 155.91 ug/L
RT: 12.52 min Scan# 1729
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 58 Resp: 3172

Ion	Ratio	Lower	Upper
58	100		
85	61.3	34.5	51.7#
100	53.7	32.3	48.5#

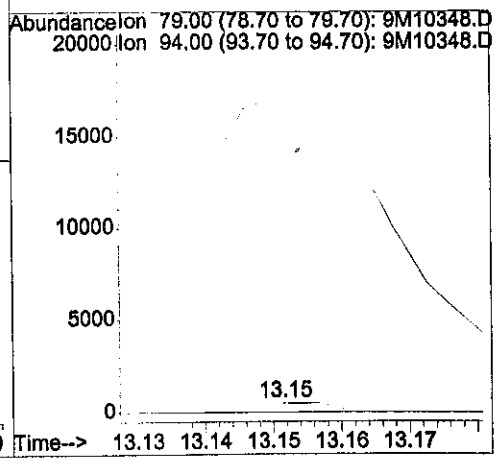


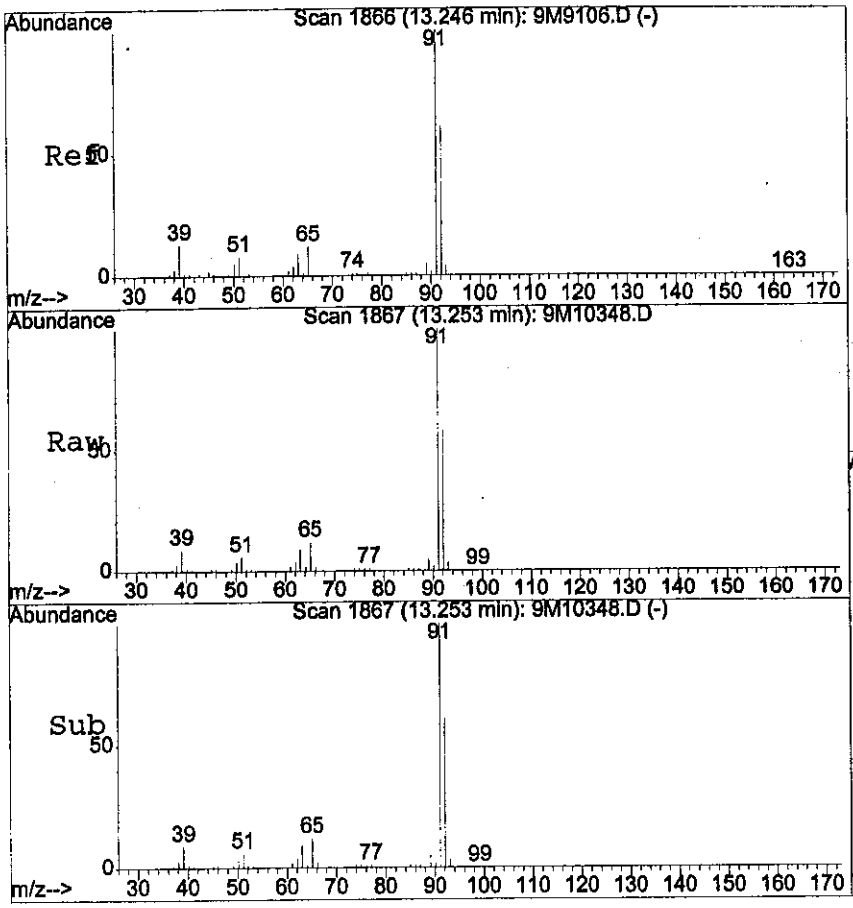


#43
Dimethyl Disulfide
Concen: 2.31 ug/L
RT: 13.15 min Scan# 1848
Delta R.T. 0.06 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 79 Resp: 330

Ion	Ratio	Lower	Upper
79	100		
94	12554.8	159.2	238.8#

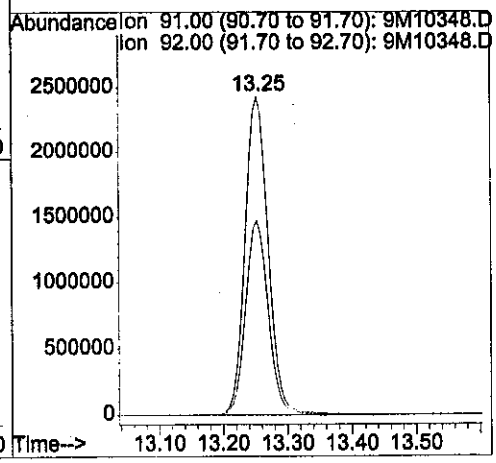


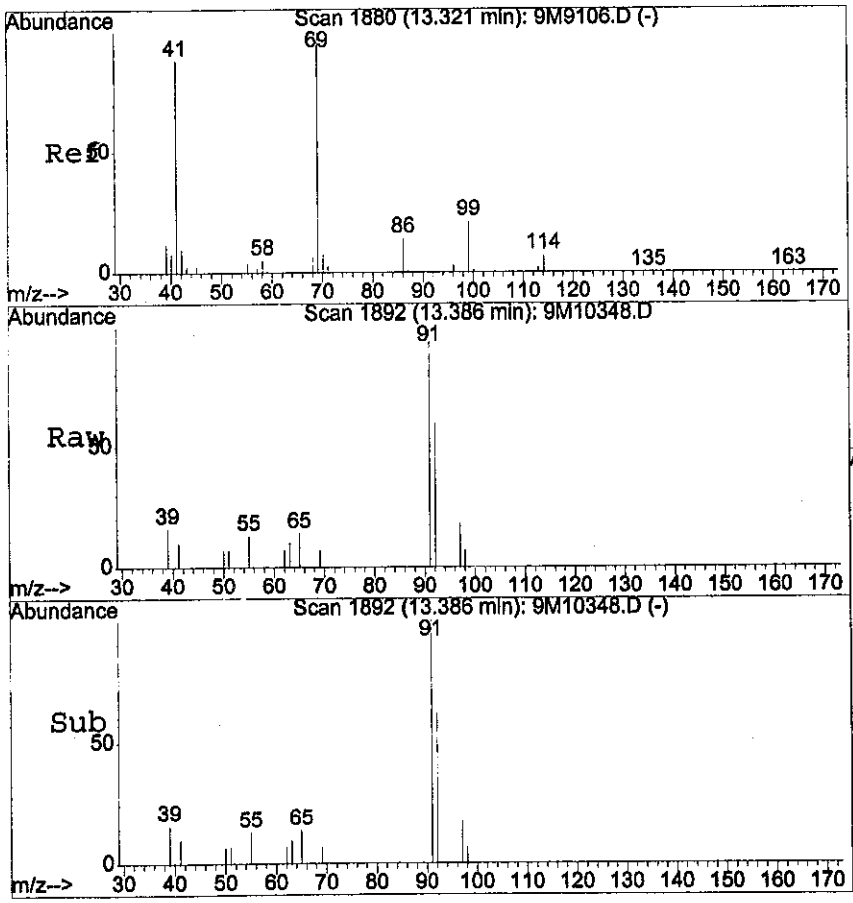


#46
Toluene
Concen: 8971.96 ug/L
RT: 13.25 min Scan# 1867
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 91 Resp: 6037588

Ion	Ratio	Lower	Upper
91	100		
92	60.1	47.0	70.4

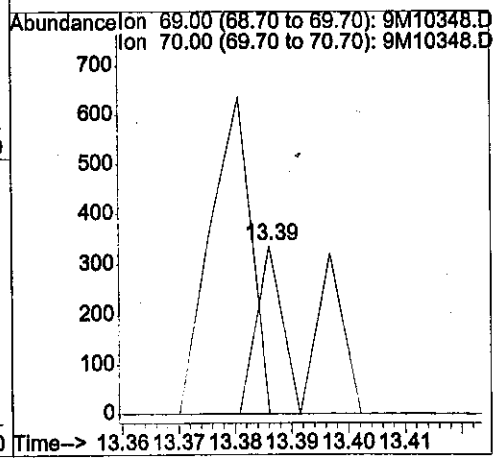


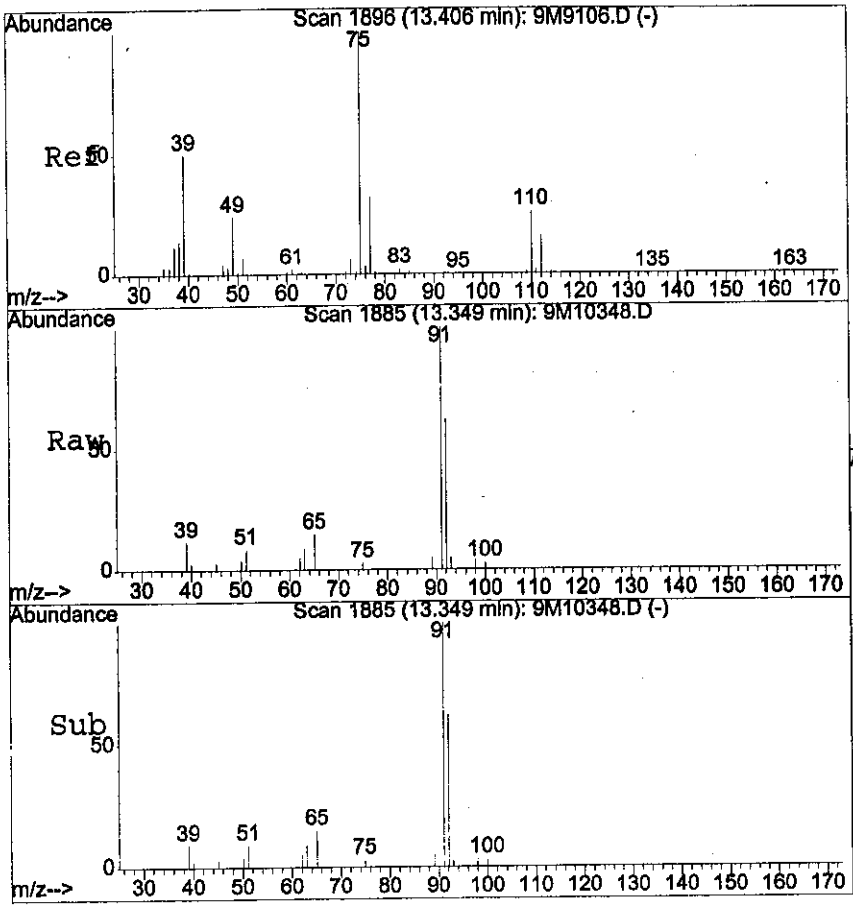


#47
Ethyl Methacrylate
Concen: 1.50 ug/L
RT: 13.39 min Scan# 1892
Delta R.T. 0.06 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 69 Resp: 212

Ion	Ratio	Lower	Upper
69	100		
70	150.5	6.0	9.0#

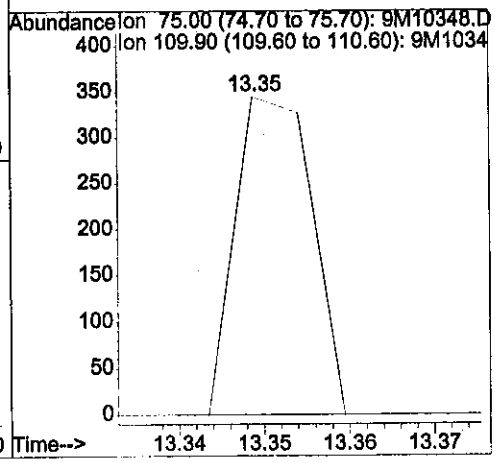


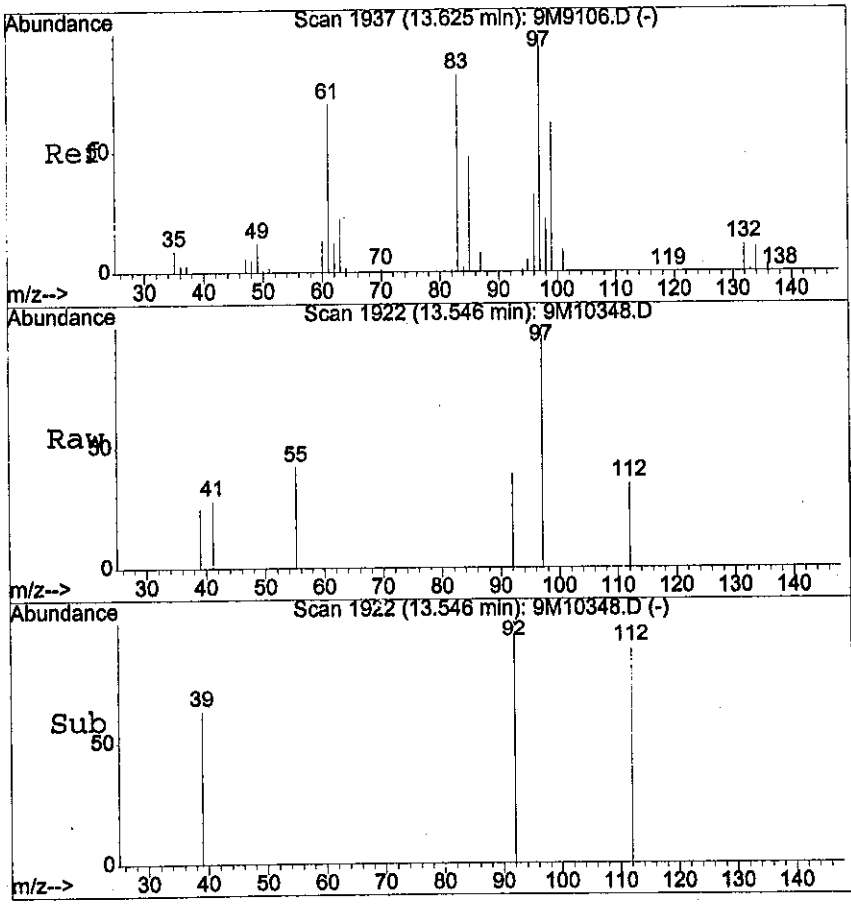


#48
trans-1,3-Dichloropropene
Concen: 1.03 ug/L
RT: 13.35 min Scan# 1885
Delta R.T. -0.06 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 75 Resp: 215

Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.3	30.5#

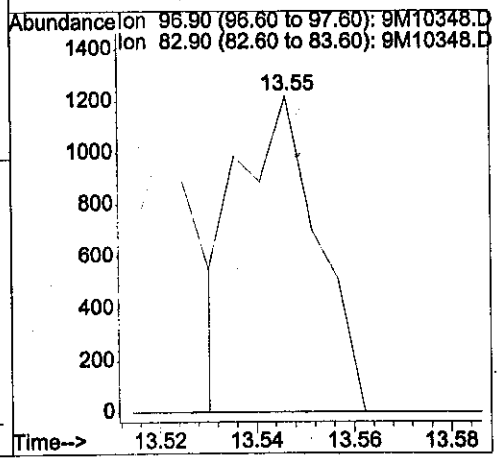


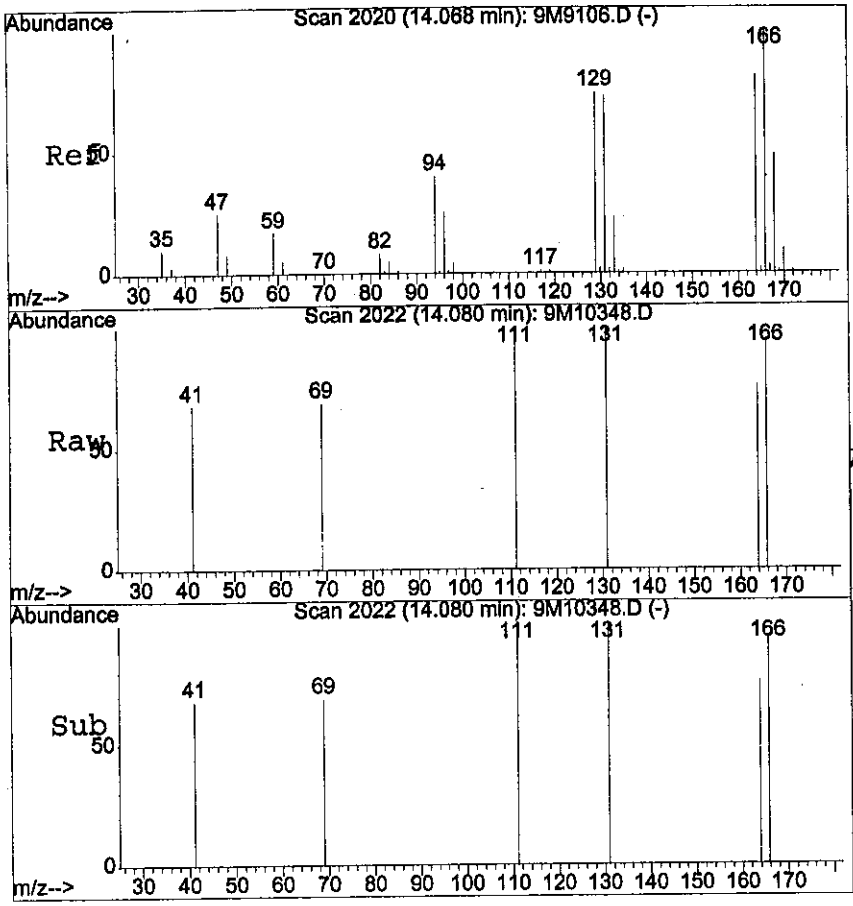


#49
1,1,2-Trichloroethane
Concen: 13.85 ug/L
RT: 13.55 min Scan# 1922
Delta R.T. -0.09 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 97 Resp: 1380

Ion	Ratio	Lower	Upper
97	100		
83	0.0	64.2	96.2#

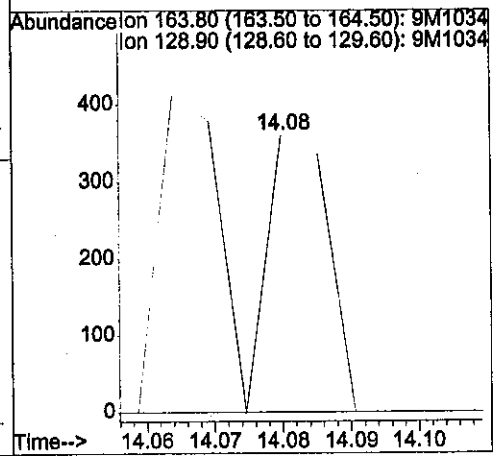


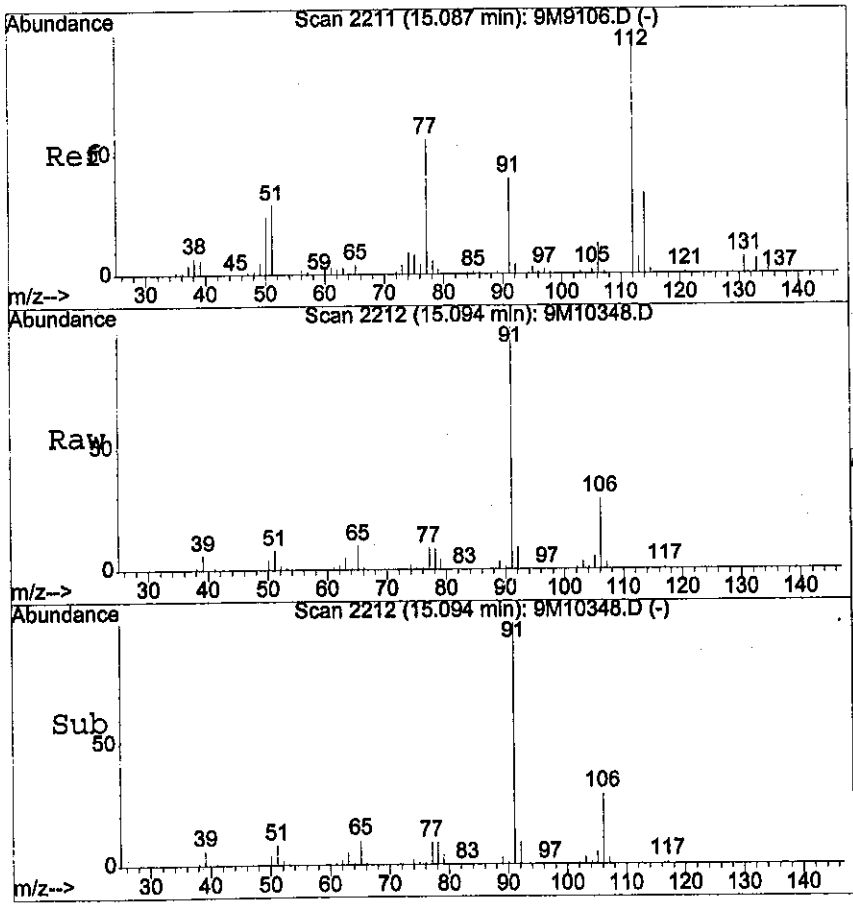


#52
Tetrachloroethene
Concen: 1.65 ug/L
RT: 14.08 min Scan# 2022
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:164 Resp: 223

Ion	Ratio	Lower	Upper
164	100		
129	113.5	73.0	109.4#

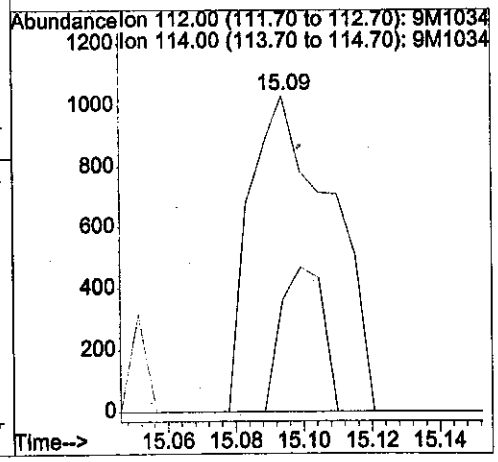


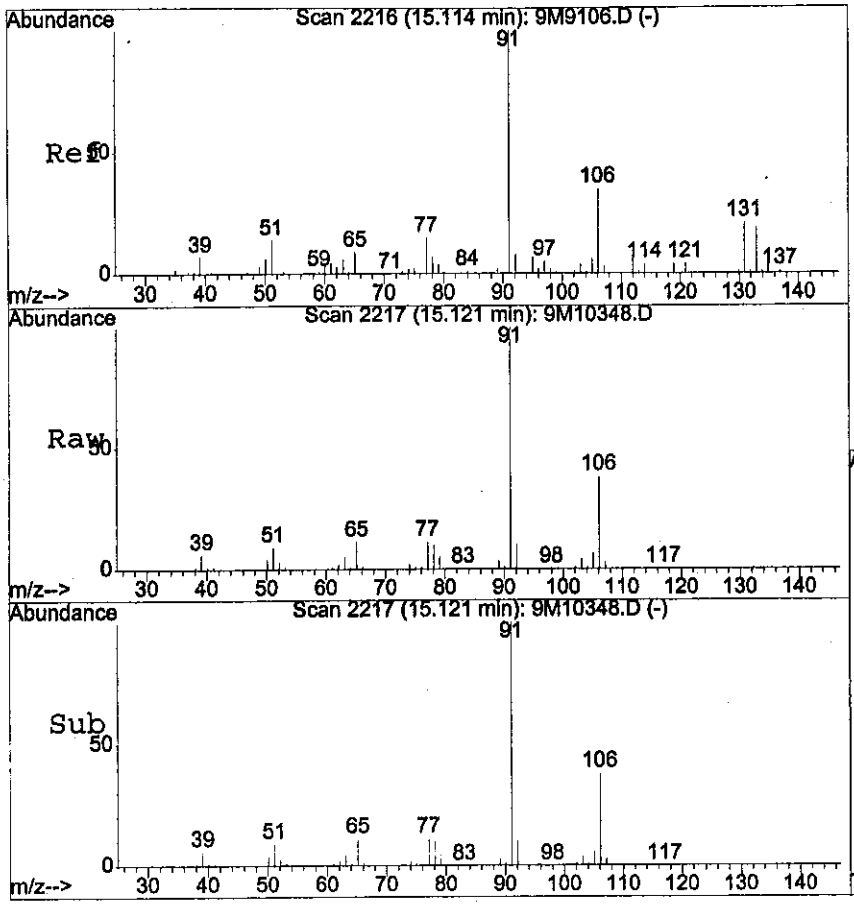


#56
Chlorobenzene
Concen: 3.32 ug/L
RT: 15.09 min Scan# 2212
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:112 Resp: 1695

Ion	Ratio	Lower	Upper
112	100		
114	23.9	25.7	38.5#

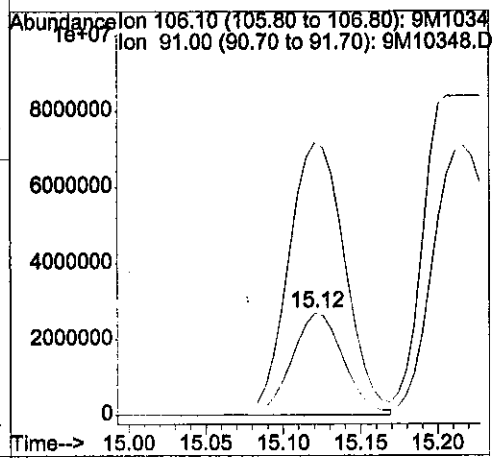


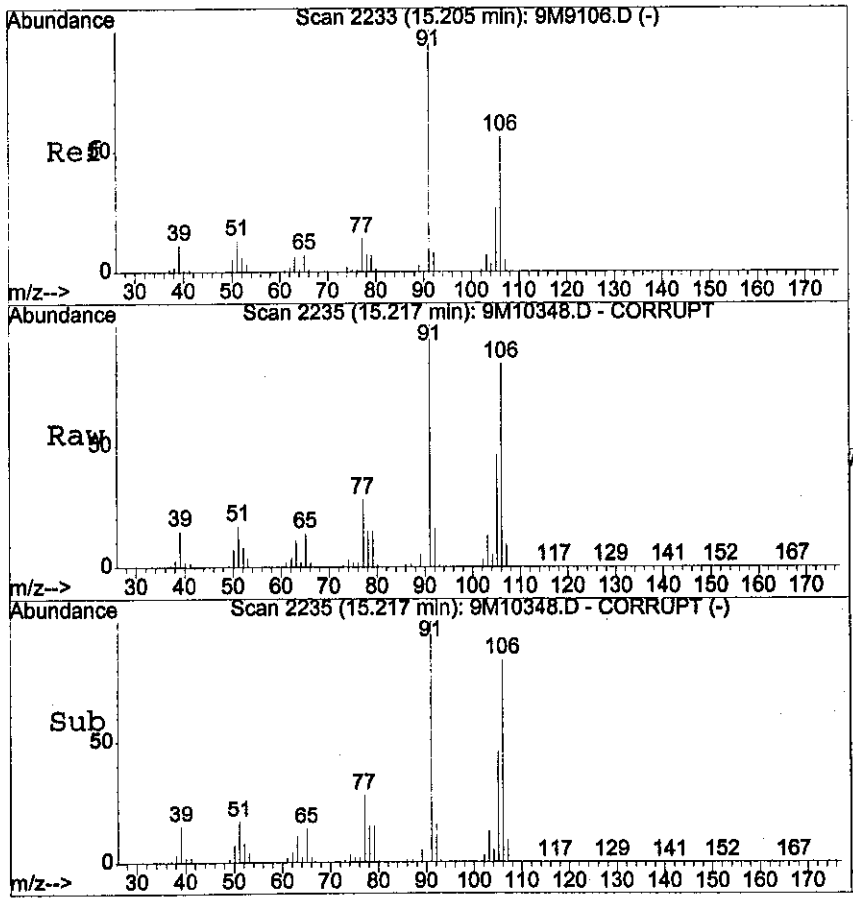


#58
Ethylbenzene
Concen: 21851.76 ug/L
RT: 15.12 min Scan# 2217
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:106 Resp: 6207285

Ion	Ratio	Lower	Upper
106	100		
91	291.5	245.0	367.4

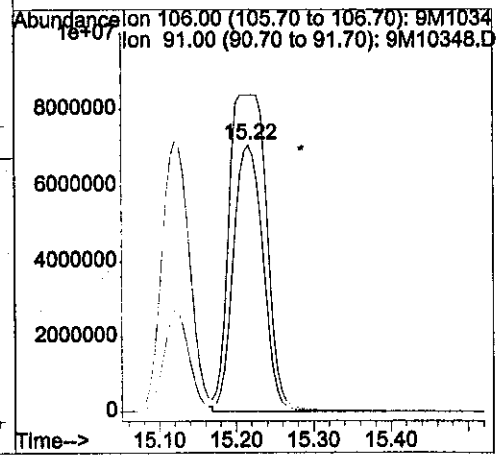


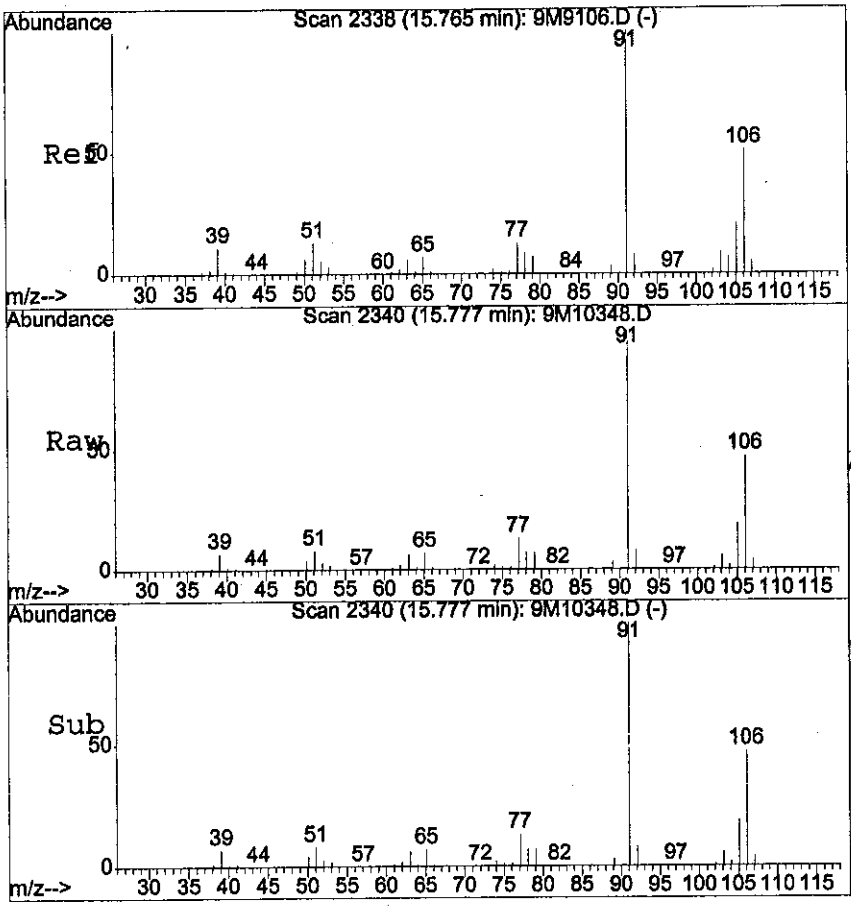


#59
m-,p-Xylene
Concen: 50606.56 ug/L
RT: 15.22 min Scan# 2235
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:106 Resp:18857664

Ion	Ratio	Lower	Upper
106	100		
91	18.3	151.0	226.4#

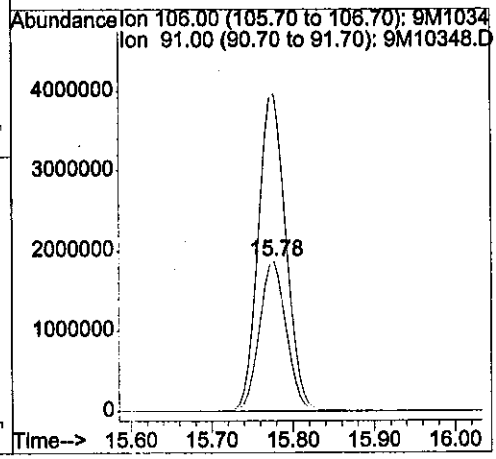


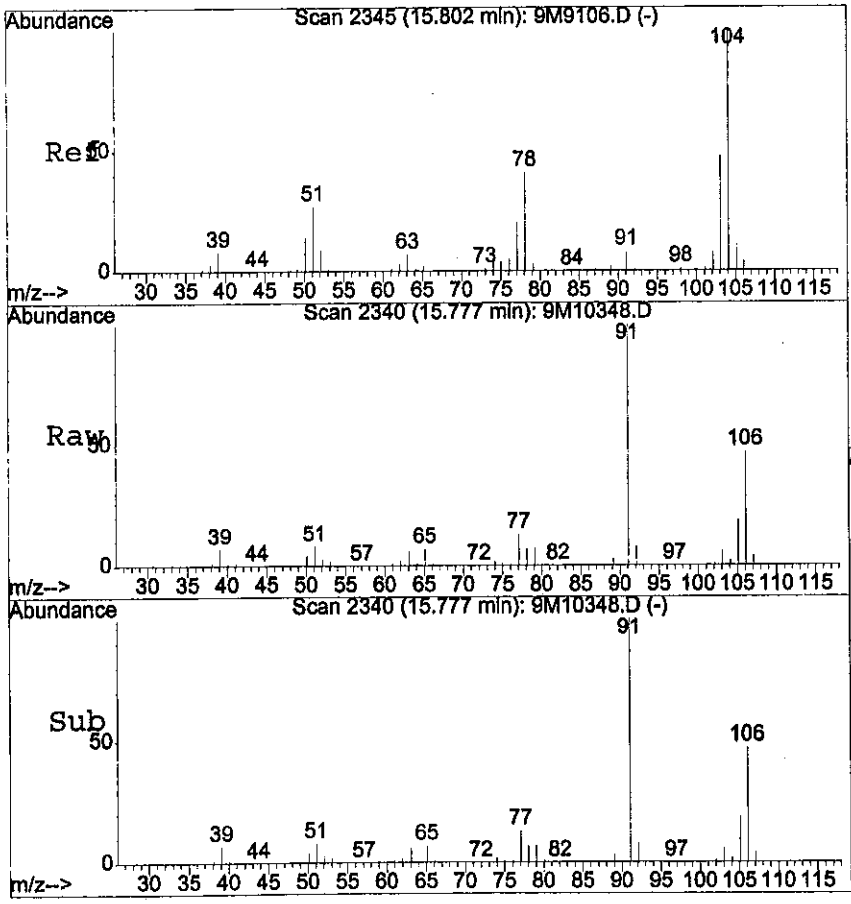


#60
o-Xylene
Concen: 11848.83 ug/L
RT: 15.78 min Scan# 2340
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:106 Resp: 4324826

Ion	Ratio	Lower	Upper
106	100		
91	217.7	160.2	240.4

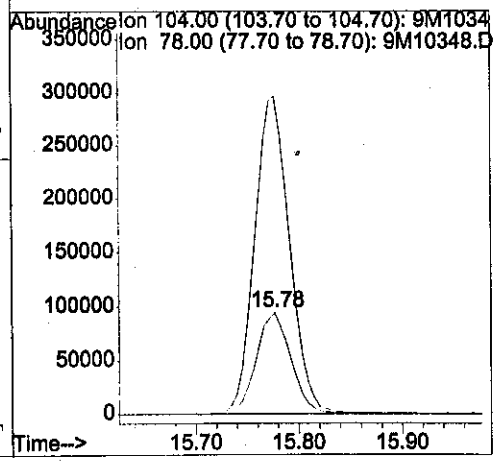


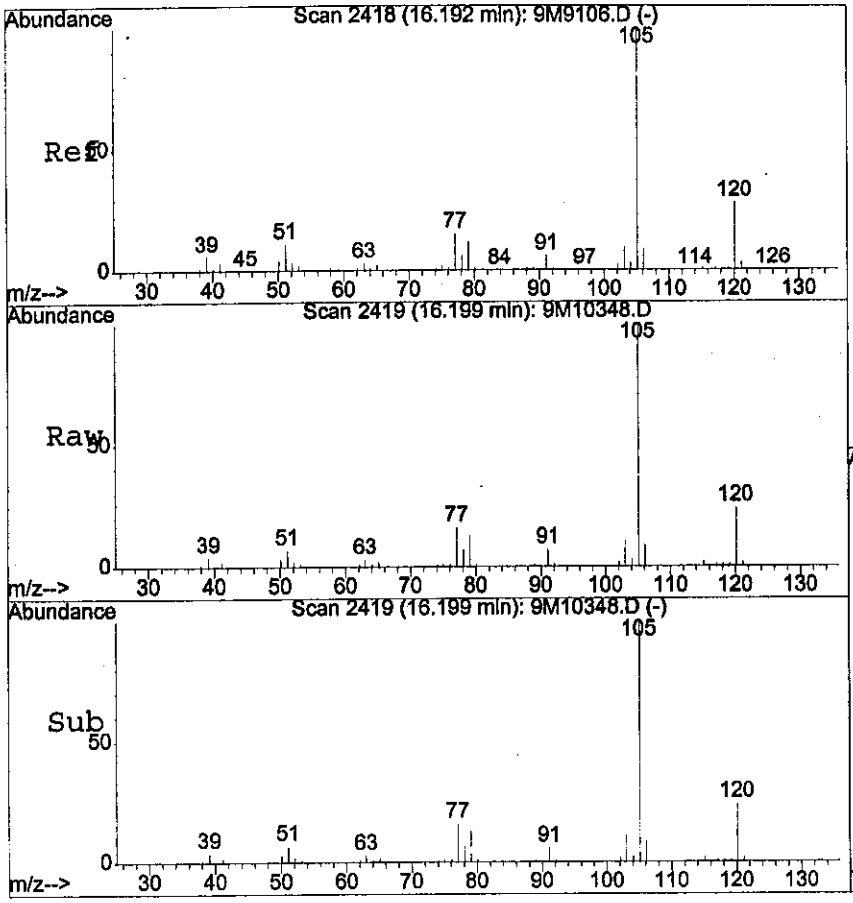


#61
Styrene
Concen: 341.95 ug/L
RT: 15.78 min Scan# 2340
Delta R.T. -0.03 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:104 Resp: 220816

Ion	Ratio	Lower	Upper
104	100		
78	315.8	40.9	61.3#

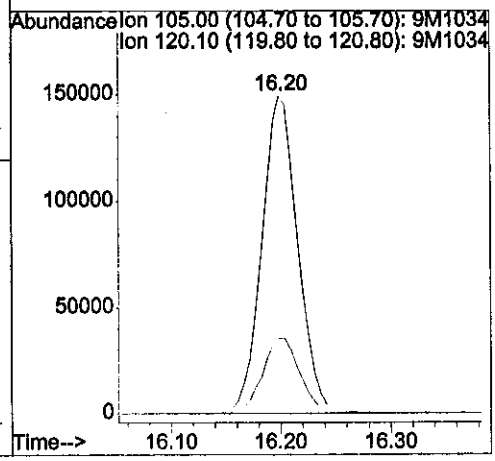


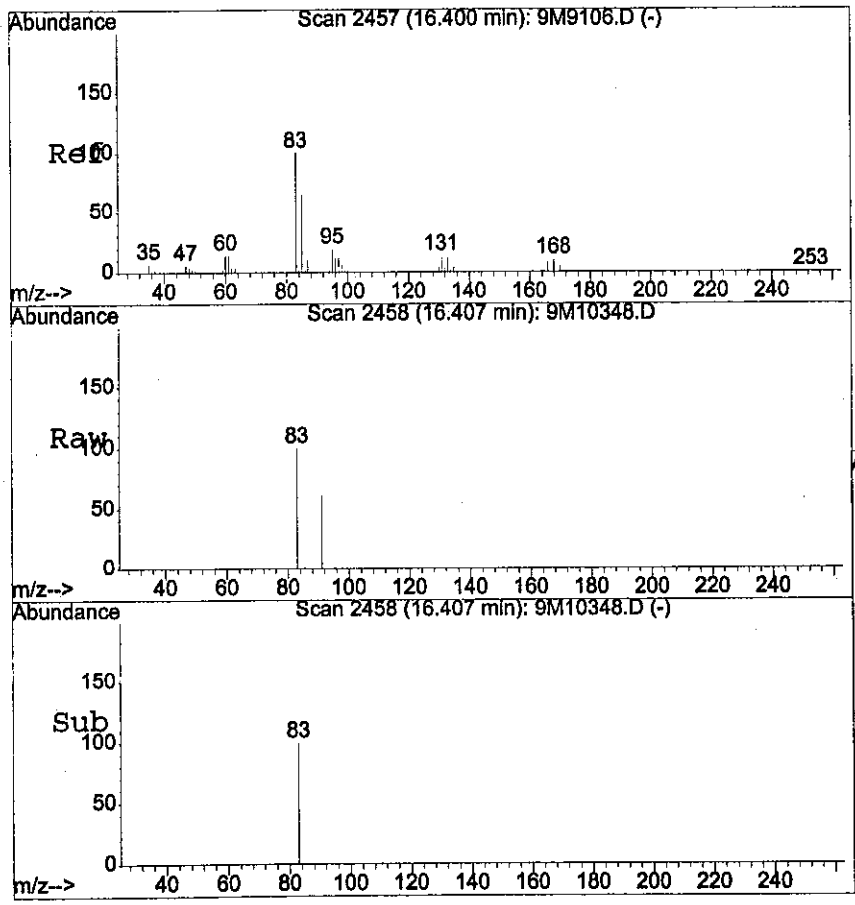


#63
Isopropylbenzene
Concen: 290.34 ug/L
RT: 16.20 min Scan# 2419
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:105 Resp: 339750

Ion	Ratio	Lower	Upper
105	100		
120	24.4	21.8	32.6

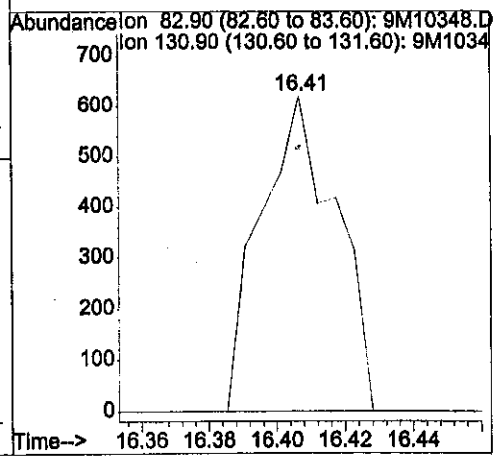


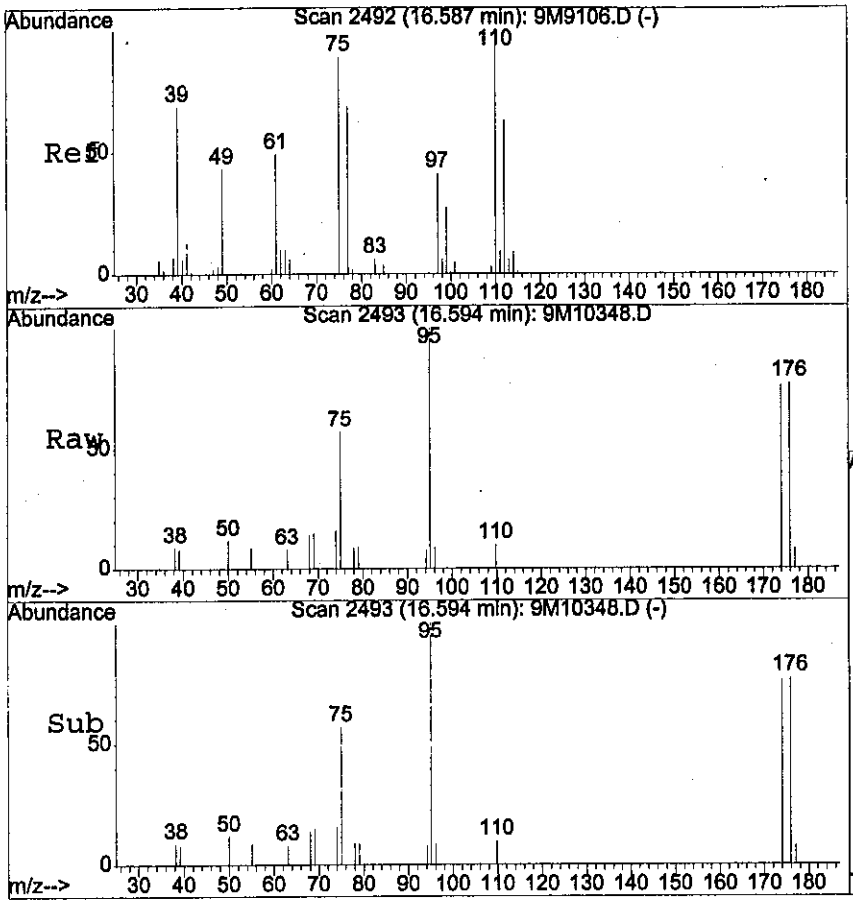


#65
1,1,2,2-Tetrachloroethane
Concen: 6.86 ug/L
RT: 16.41 min Scan# 2458
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 83 Resp: 945

Ion	Ratio	Lower	Upper
83	100		
131	0.0	10.1	15.1#

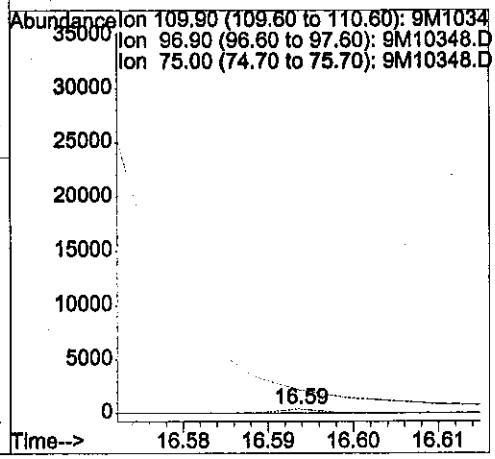


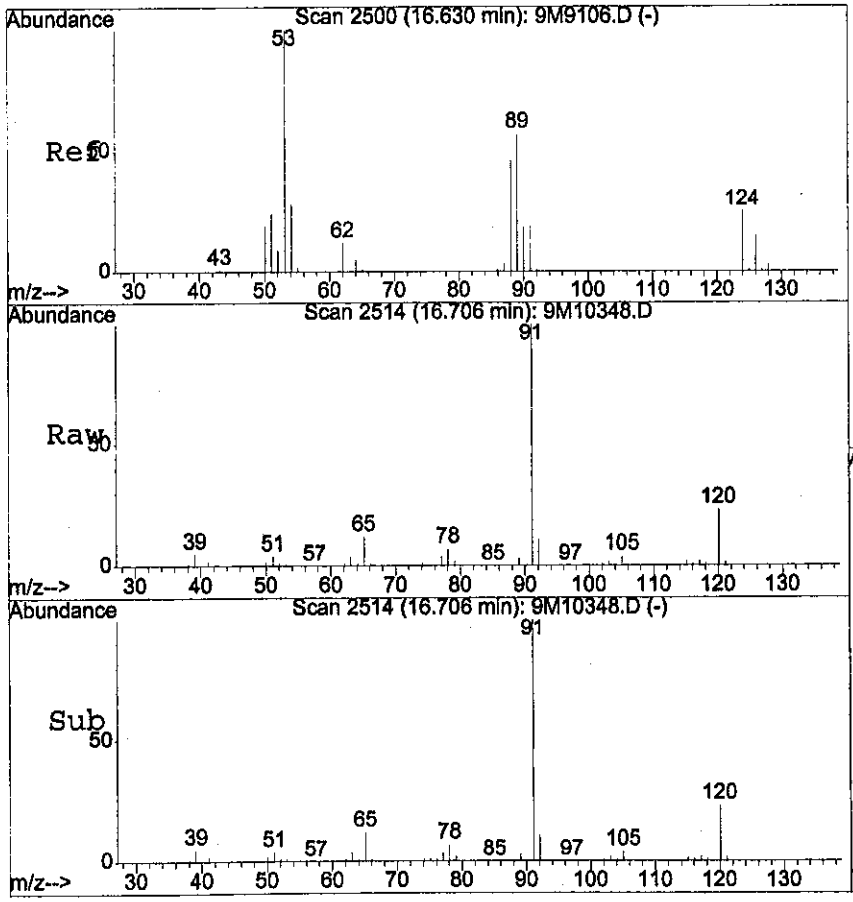


#67
1,2,3-Trichloropropane
Concen: 2.51 ug/L
RT: 16.59 min Scan# 2493
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:110 Resp: 122

Ion	Ratio	Lower	Upper
110	100		
97	86.9	36.0	54.0#
75	278.7	231.1	346.7

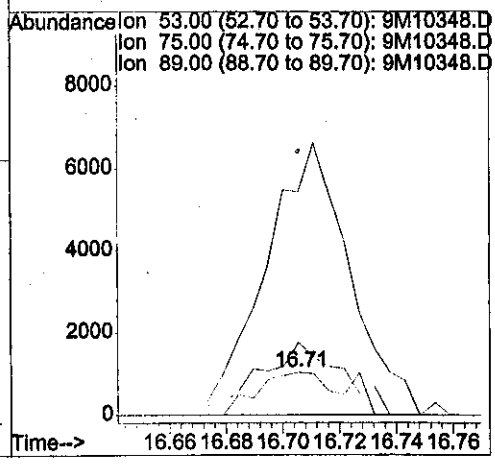


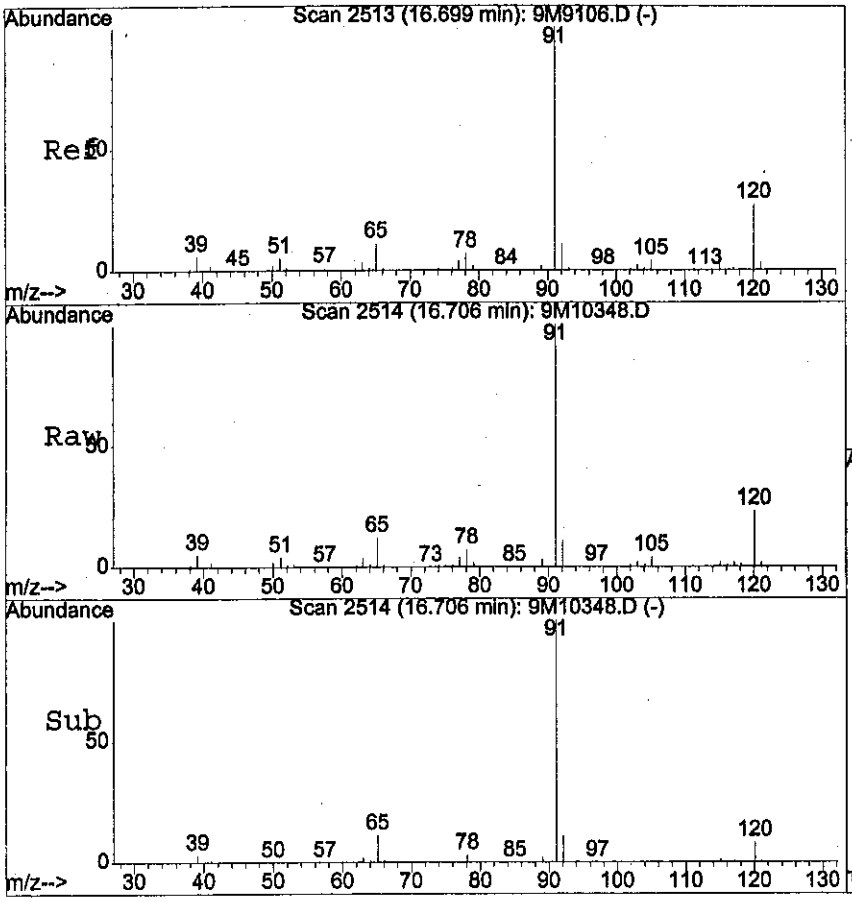


#68
trans-1,4-Dichloro-2-Butene
Concen: 59.08 ug/L
RT: 16.71 min Scan# 2514
Delta R.T. 0.07 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 53 Resp: 2194

Ion	Ratio	Lower	Upper
53	100		
75	158.8	312.6	469.0#
89	626.9	35.3	52.9#

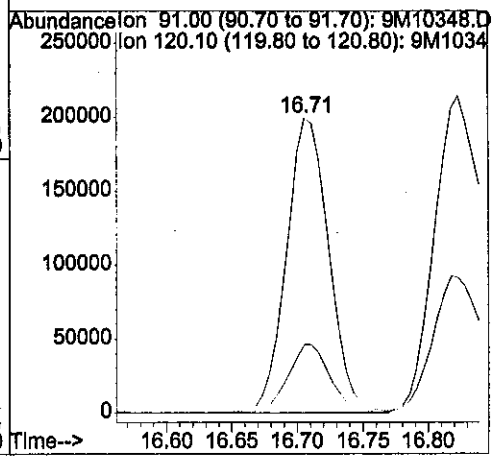


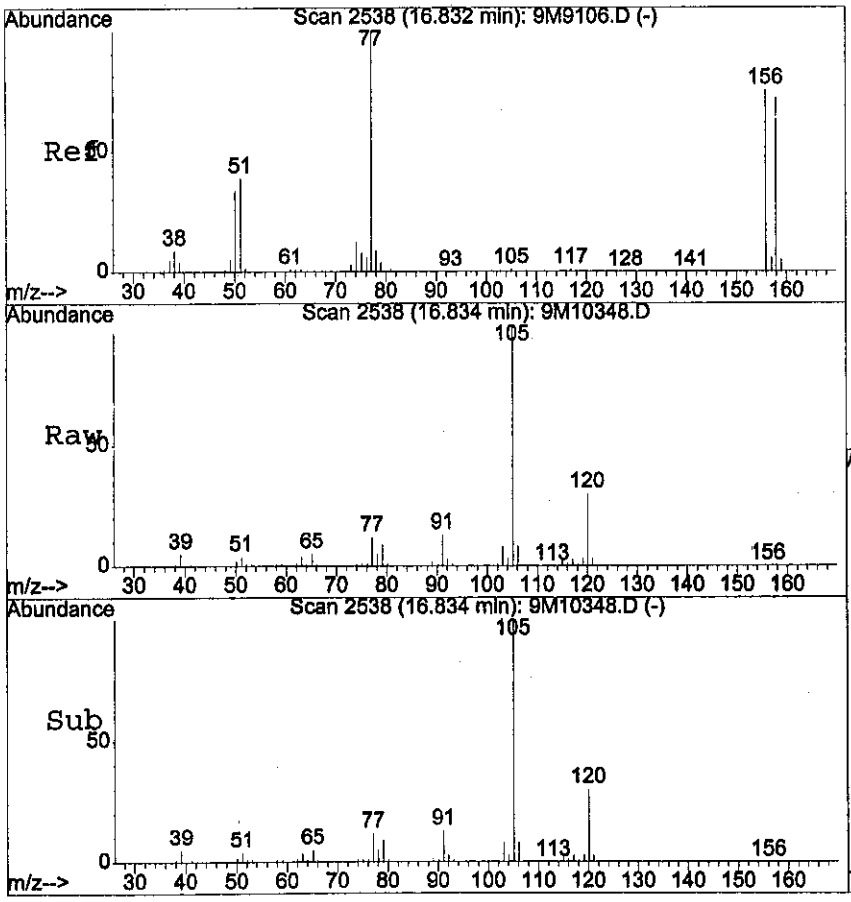


#69
n-Propylbenzene
Concen: 392.00 ug/L
RT: 16.71 min Scan# 2514
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 91 Resp: 446672

Ion	Ratio	Lower	Upper
91	100		
120	22.6	20.5	30.7

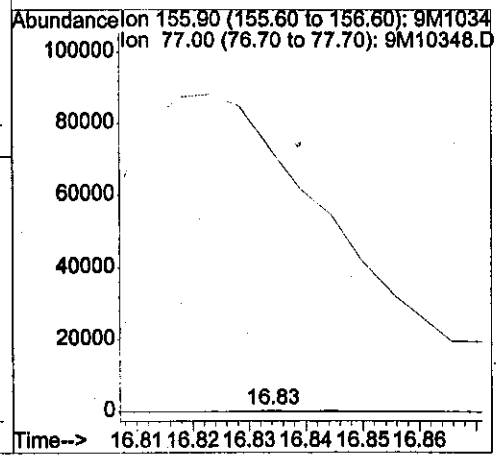


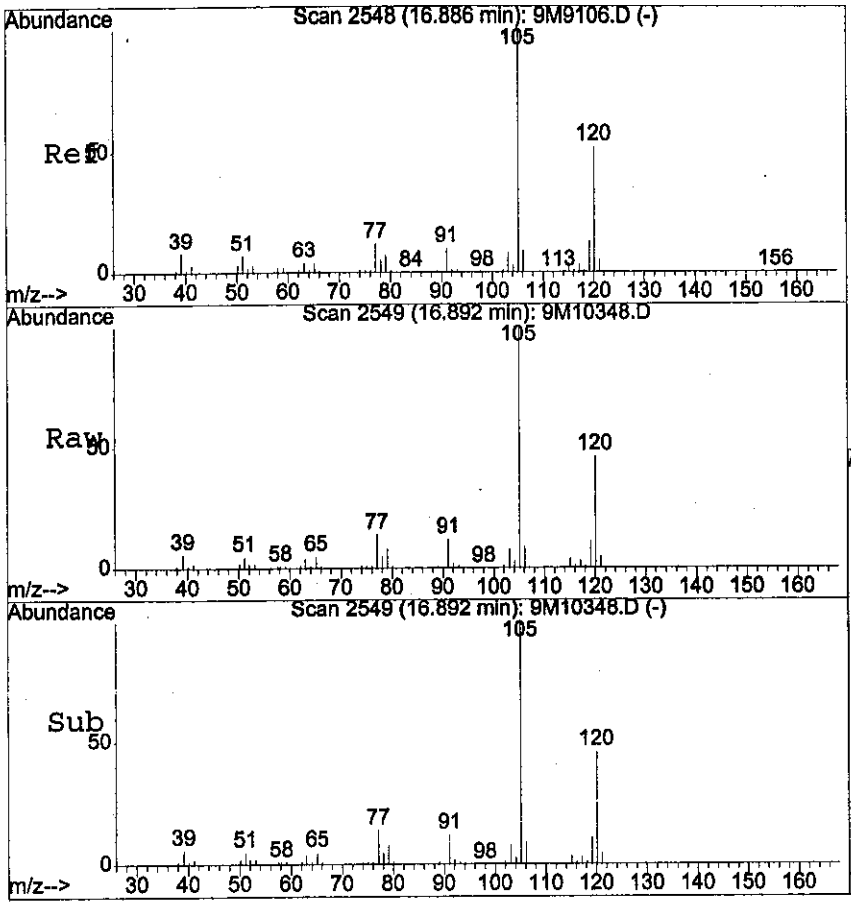


#70
Bromobenzene
Concen: 0.89 ug/L
RT: 16.83 min Scan# 2538
Delta R.T. -0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:156 Resp: 216

Ion	Ratio	Lower	Upper
156	100		
77	123103.2	107.9	161.9#

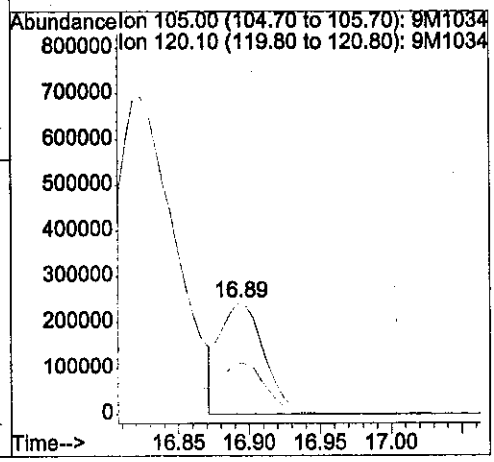


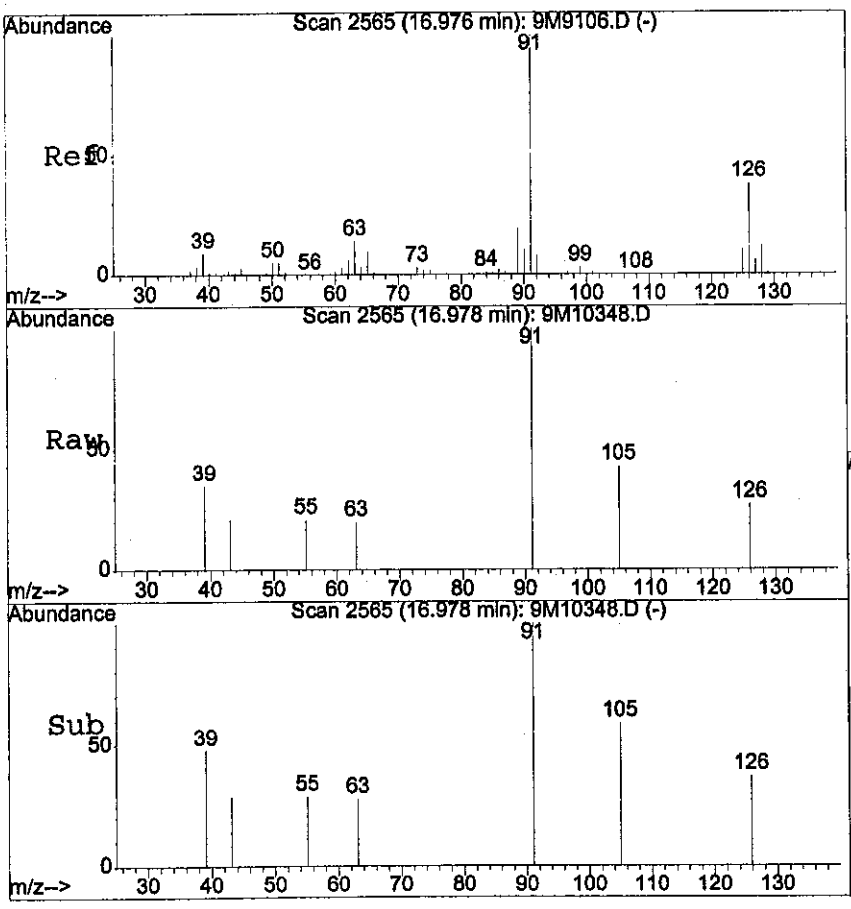


#71
1,3,5-Trimethylbenzene
Concen: 575.17 ug/L
RT: 16.89 min Scan# 2549
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:105 Resp: 525972

Ion	Ratio	Lower	Upper
105	100		
120	45.8	41.9	62.9

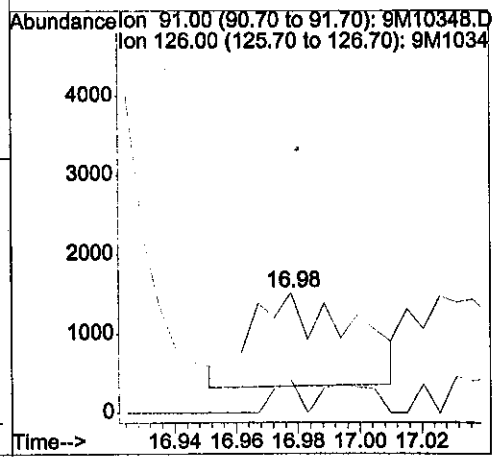


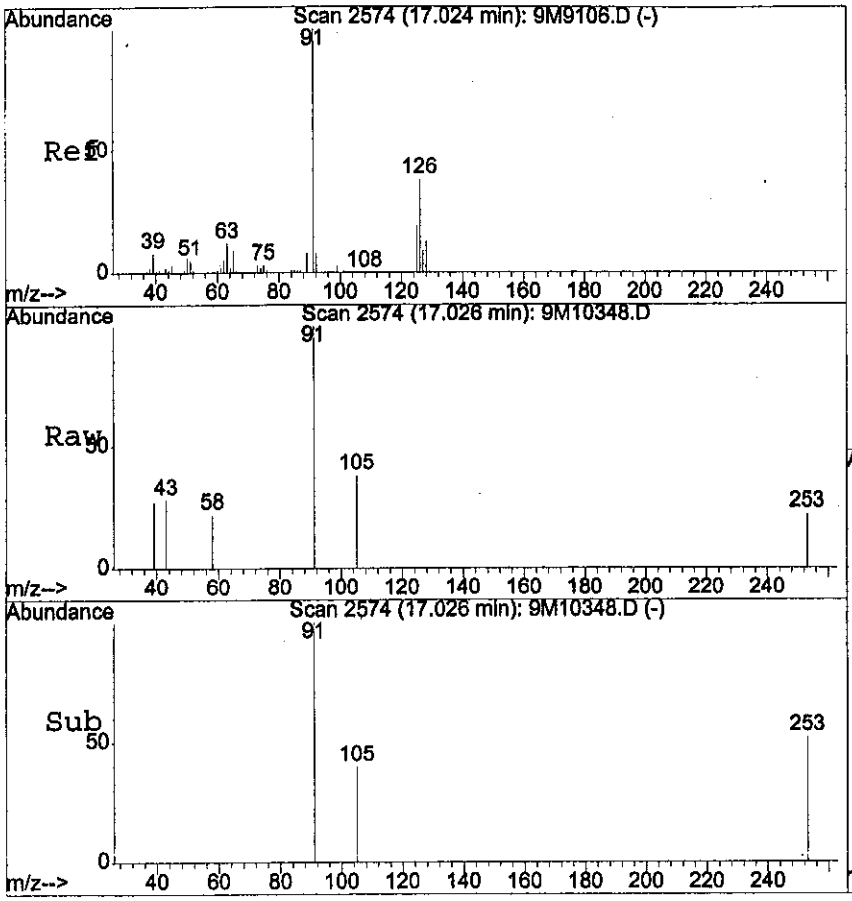


#72
2-Chlorotoluene
Concen: 3.57 ug/L
RT: 16.98 min Scan# 2565
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 91 Resp: 2667

Ion	Ratio	Lower	Upper
91	100		
126	8.6	28.5	42.7#

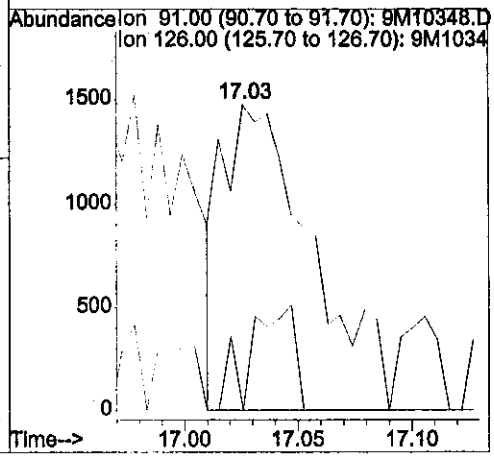


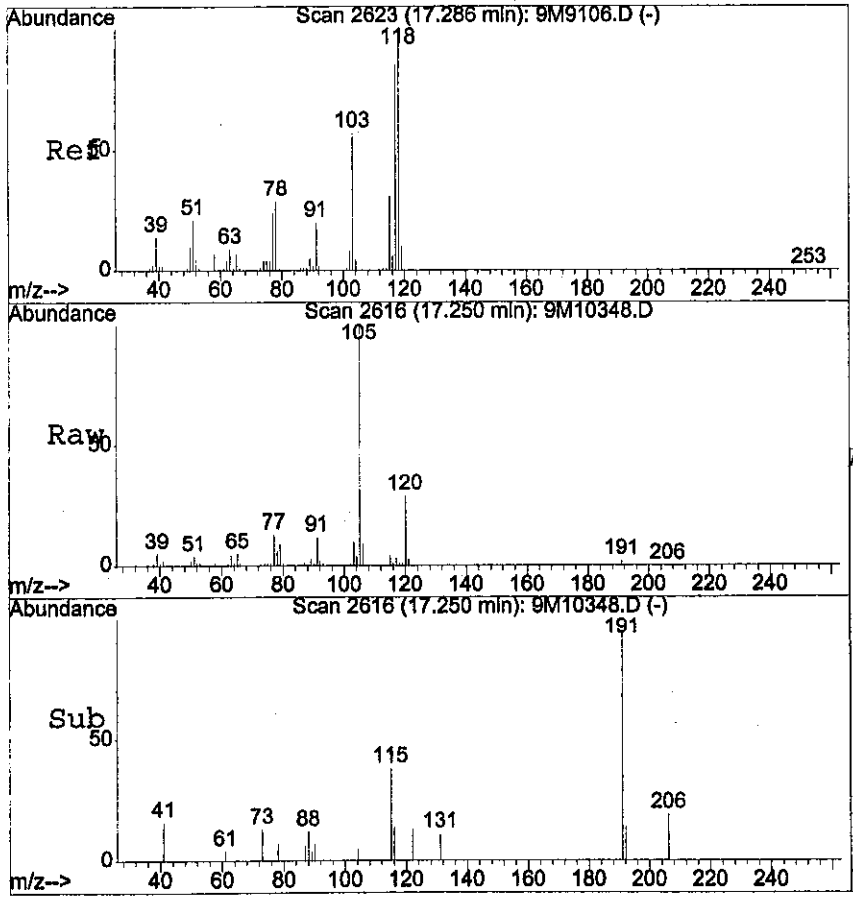


#73
4-Chlorotoluene
Concen: 5.30 ug/L
RT: 17.03 min Scan# 2574
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 91 Resp: 4070

Ion	Ratio	Lower	Upper
91	100		
126	17.1	28.6	42.8#

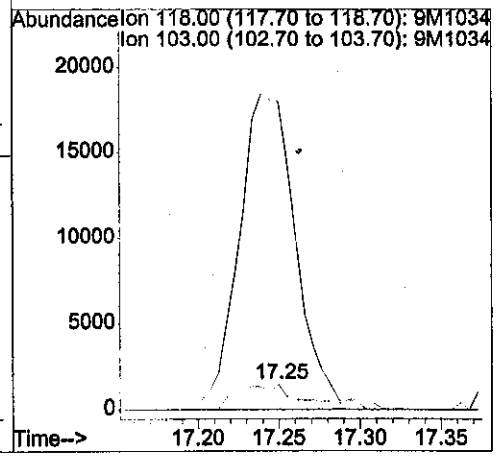


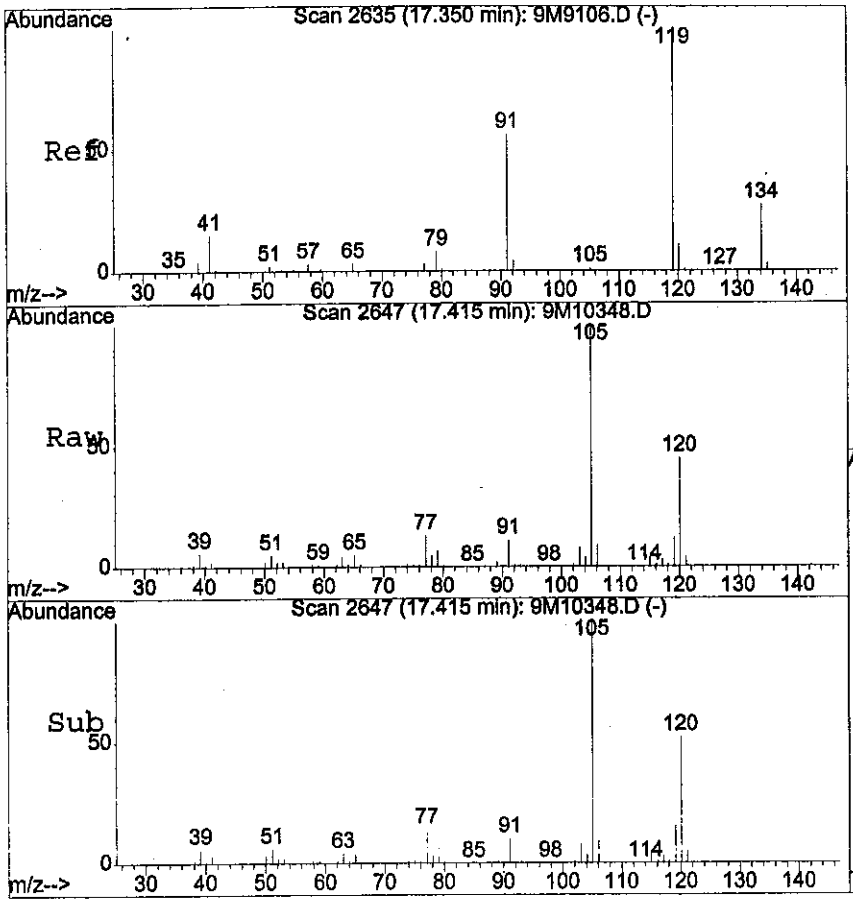


#74
a-Methylstyrene
Concen: 7.84 ug/L
RT: 17.25 min Scan# 2616
Delta R.T. -0.05 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:118 Resp: 4140

Ion	Ratio	Lower	Upper
118	100		
103	1080.7	45.4	68.0#

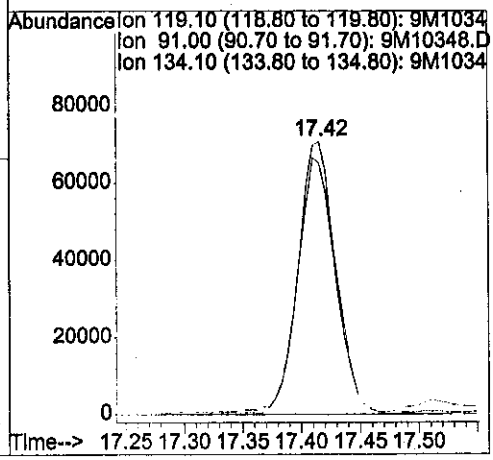


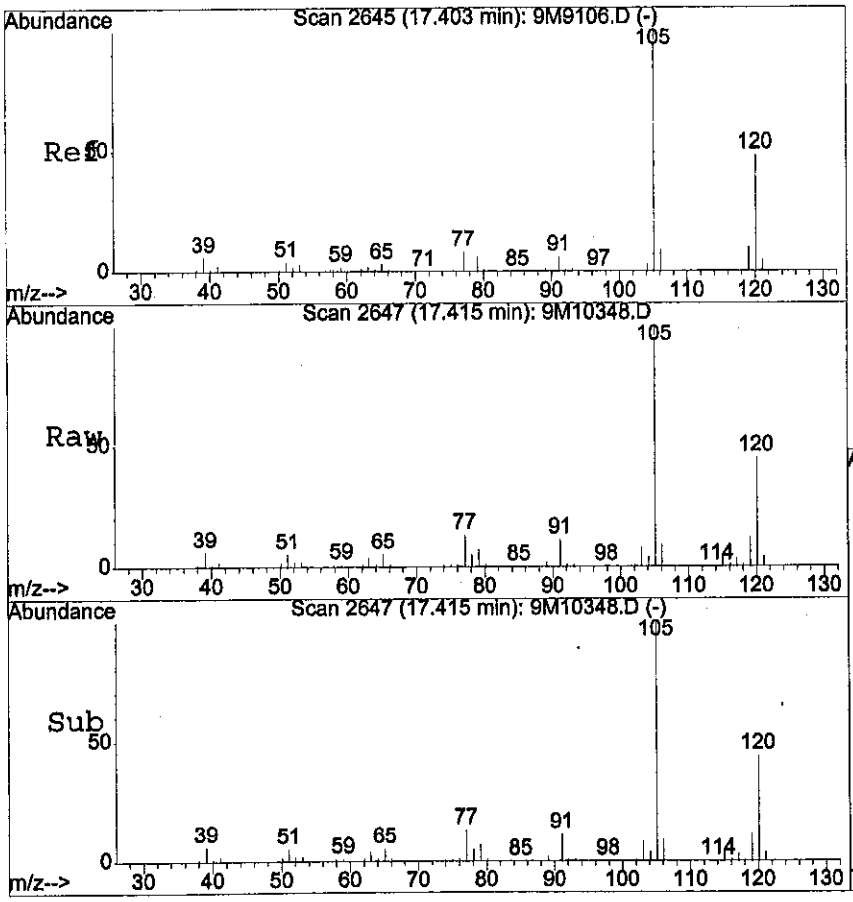


#75
tert-Butylbenzene
Concen: 211.75 ug/L
RT: 17.42 min Scan# 2647
Delta R.T. 0.05 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:119 Resp: 160226

Ion	Ratio	Lower	Upper
119	100		
91	92.6	43.8	65.8#
134	0.4	21.1	31.7#

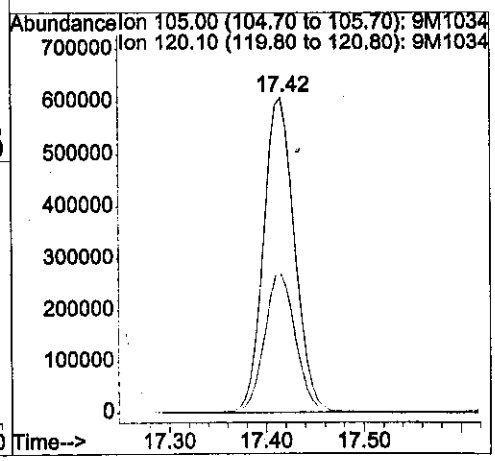


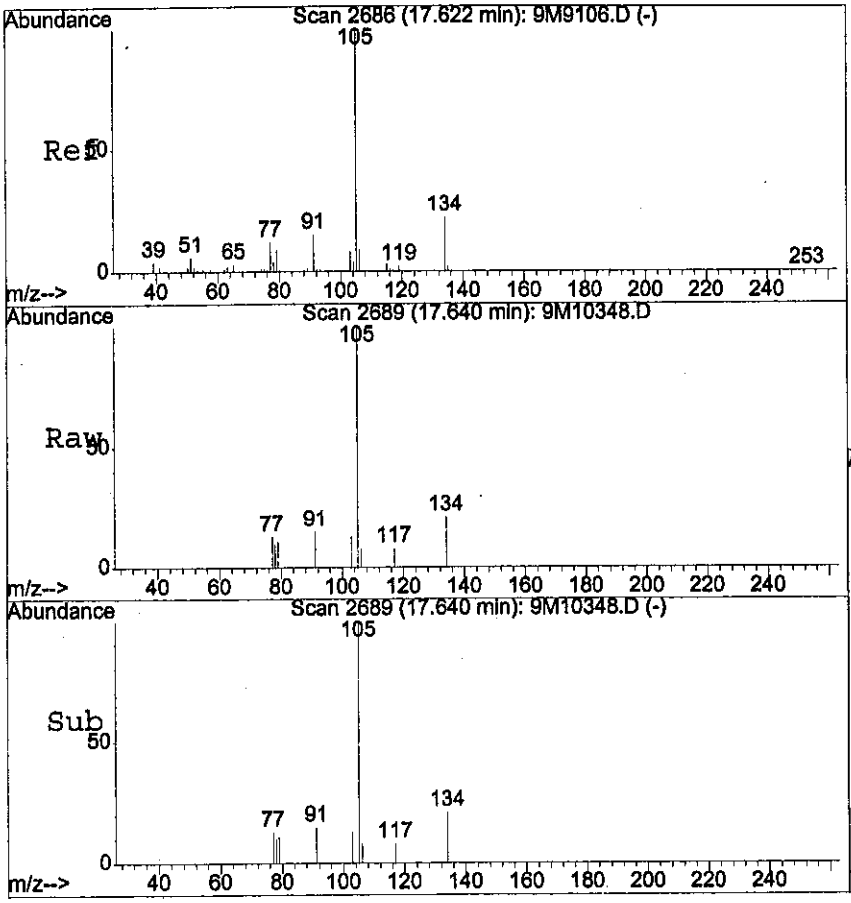


#76
1,2,4-Trimethylbenzene
Concen: 1442.37 ug/L
RT: 17.42 min Scan# 2647
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:105 Resp: 1359480

Ion	Ratio	Lower	Upper
105	100		
120	44.4	38.6	57.8

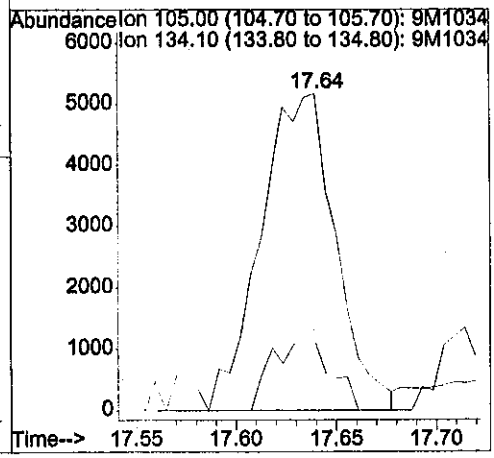


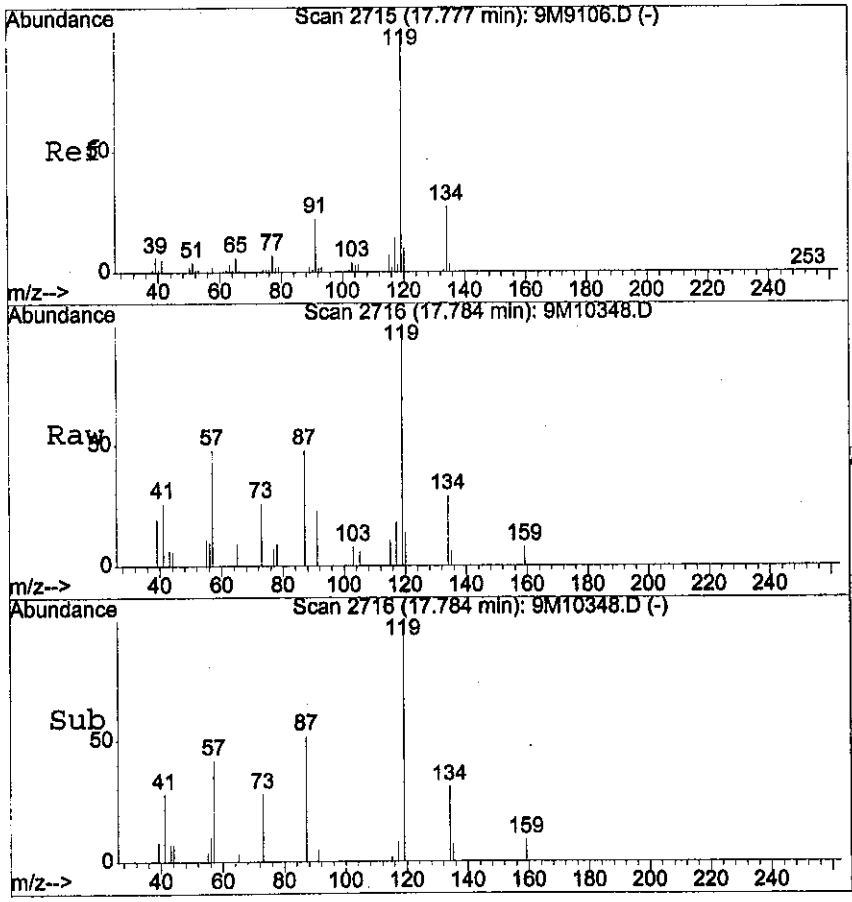


#77
sec-Butylbenzene
Concen: 11.96 ug/L
RT: 17.64 min Scan# 2689
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:105 Resp: 13348

Ion	Ratio	Lower	Upper
105	100		
134	17.8	16.8	25.2

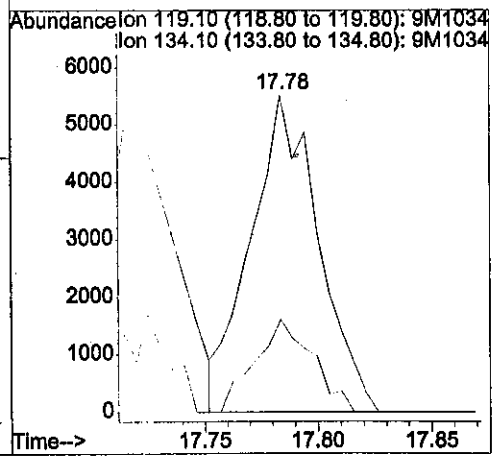


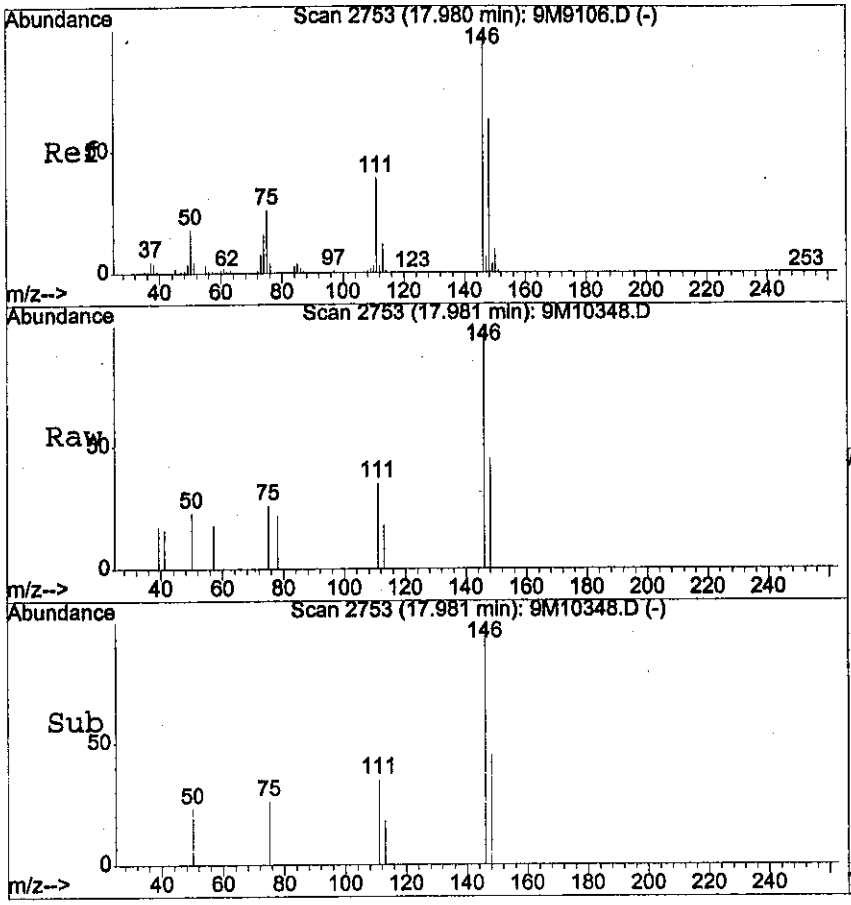


#78
p-Isopropyltoluene
Concen: 11.03 ug/L
RT: 17.78 min Scan# 2716
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:119 Resp: 11427

Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.6	31.0

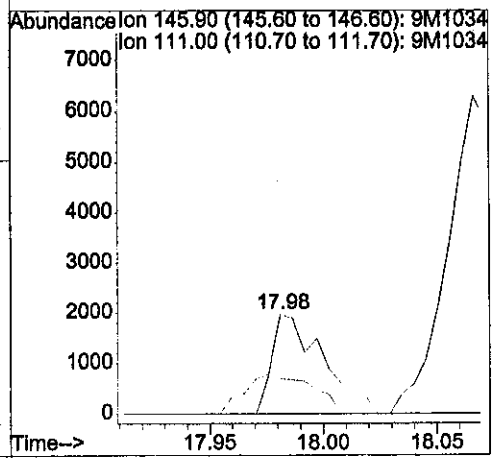


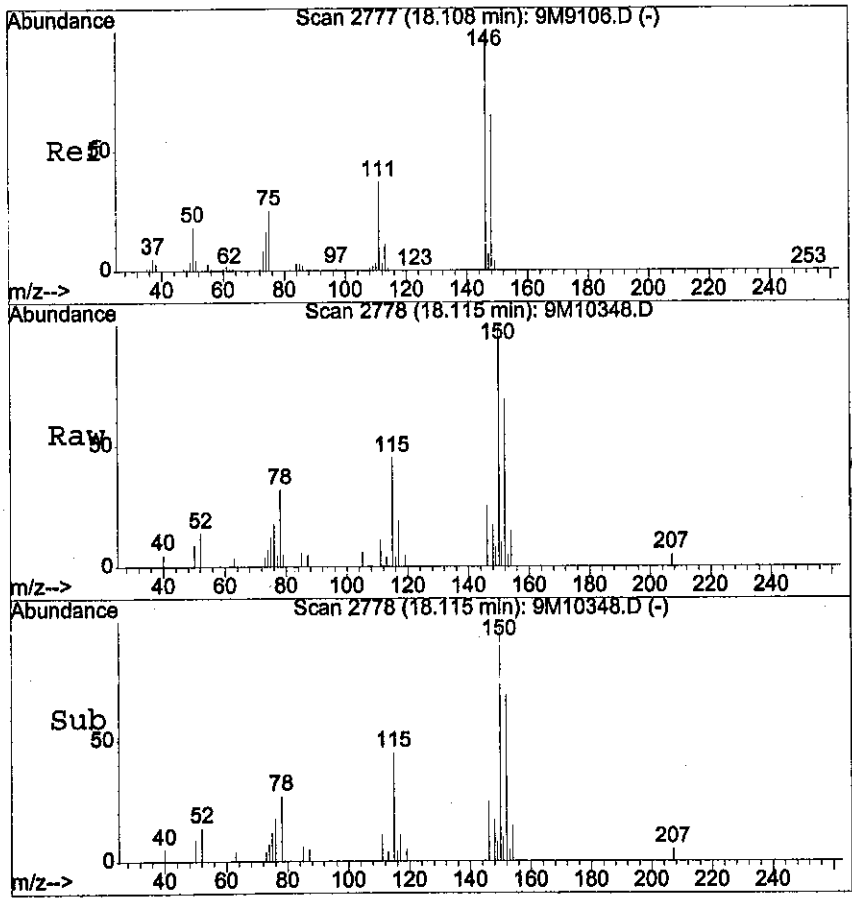


#79
1,3-Dichlorobenzene
Concen: 6.37 ug/L
RT: 17.98 min Scan# 2753
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:146 Resp: 3548

Ion	Ratio	Lower	Upper
146	100		
111	32.7	31.6	47.4

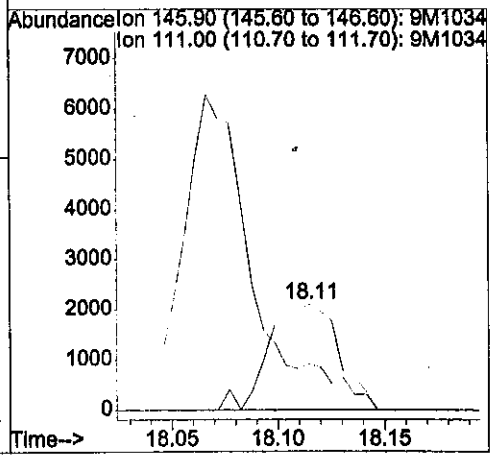


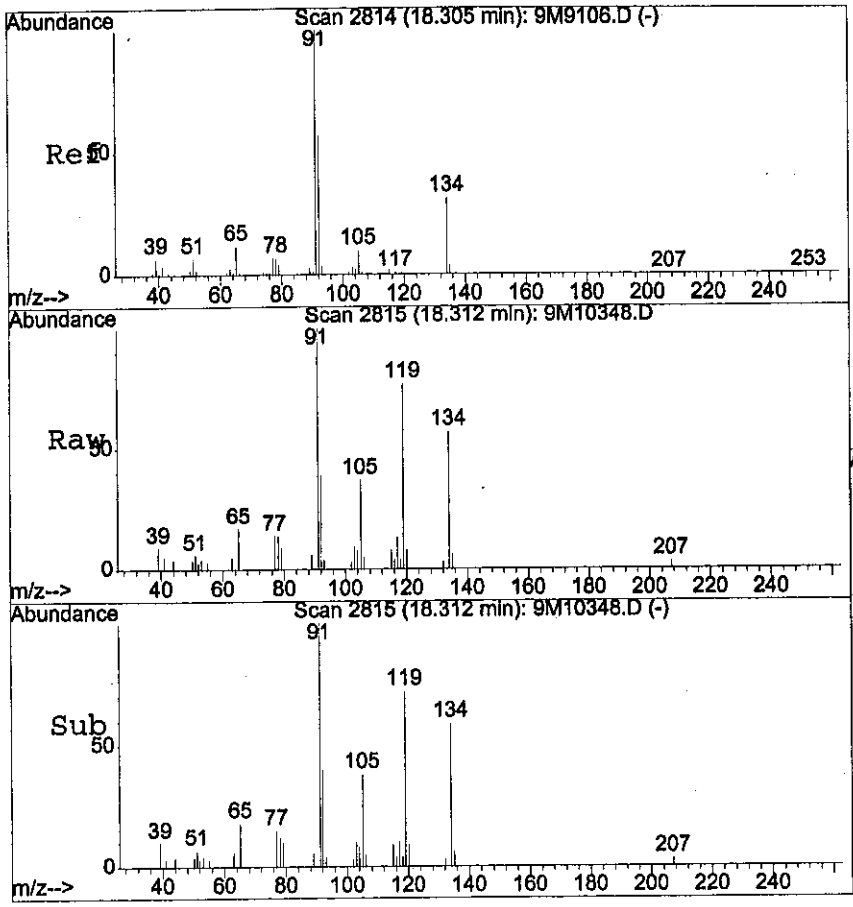


#80
1,4-Dichlorobenzene
Concen: 8.15 ug/L
RT: 18.11 min Scan# 2778
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:146 Resp: 4764

Ion	Ratio	Lower	Upper
146	100		
111	304.3	30.9	46.3#

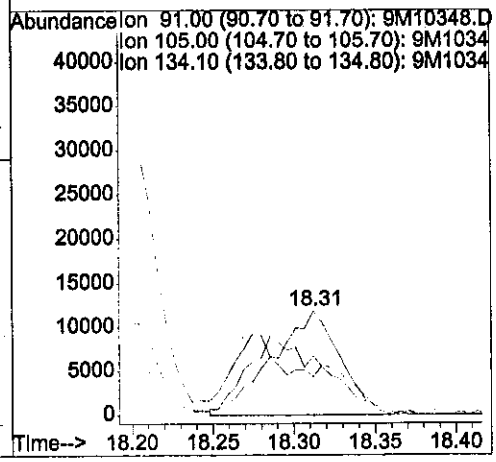


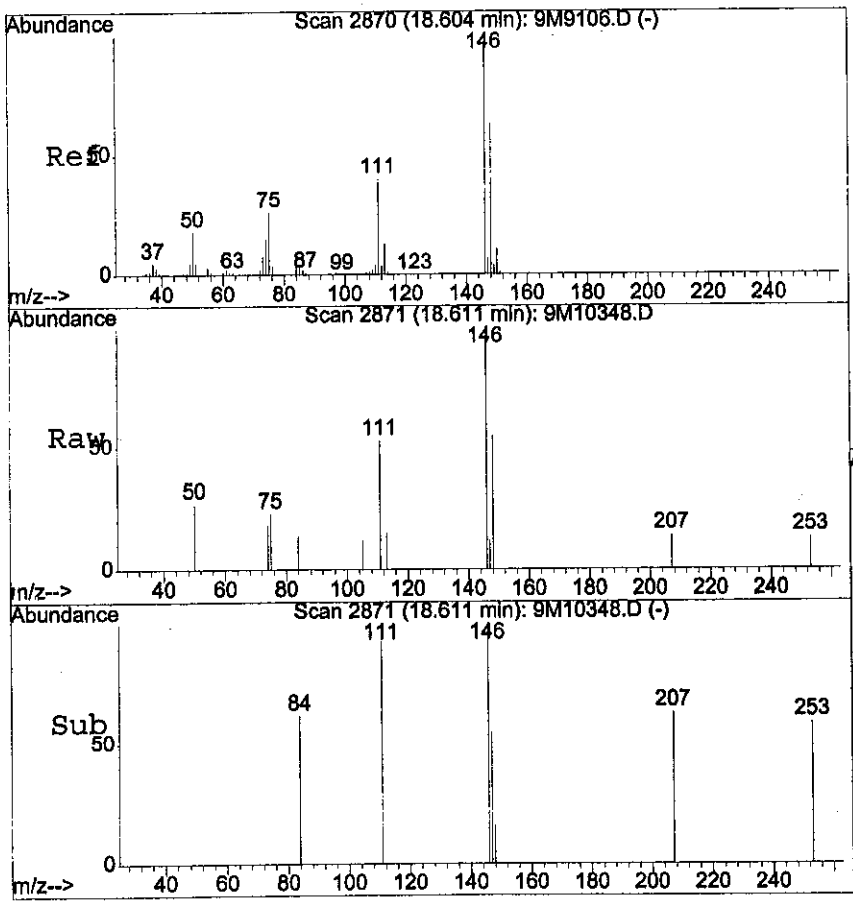


#81
n-Butylbenzene
Concen: 37.29 ug/L
RT: 18.31 min Scan# 2815
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion: 91 Resp: 34273

Ion	Ratio	Lower	Upper
91	100		
105	45.1	7.8	11.6#
134	85.0	23.4	35.2#

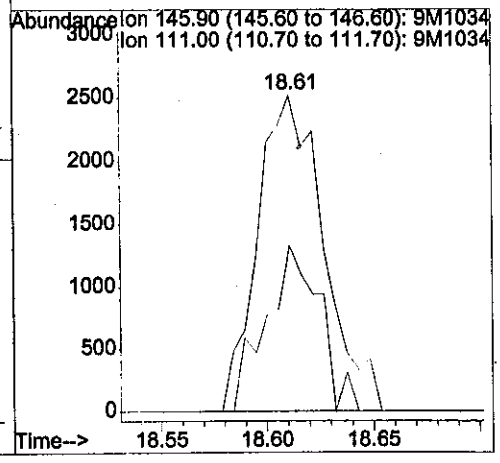


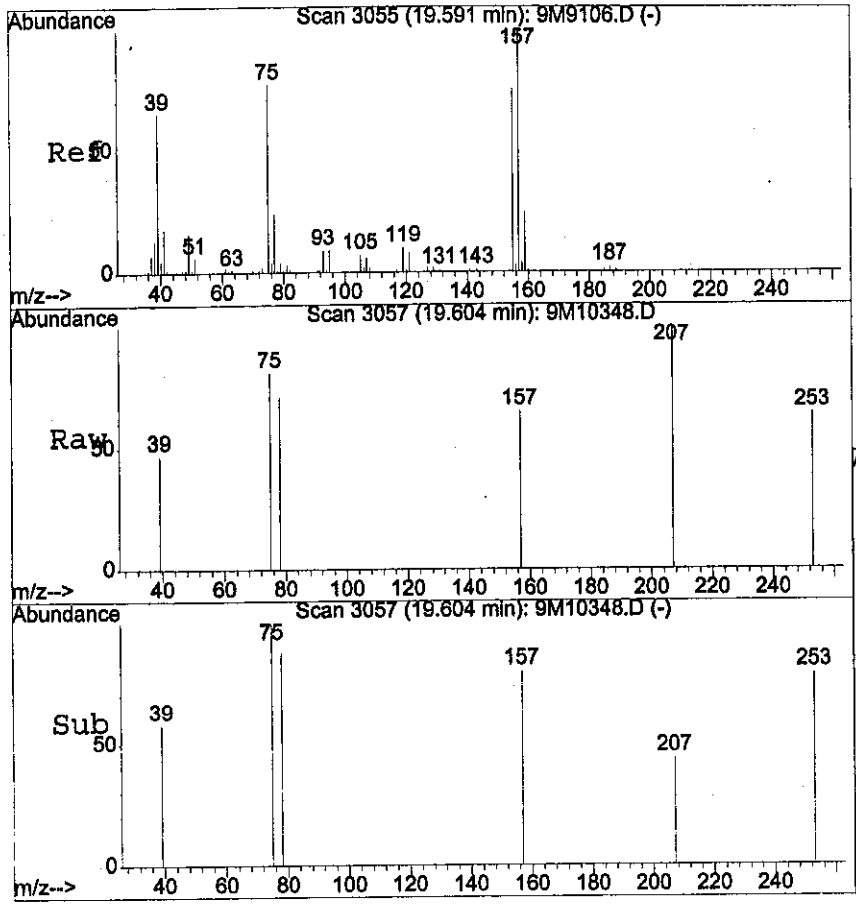


#82
1,2-Dichlorobenzene
Concen: 10.80 ug/L
RT: 18.61 min Scan# 2871
Delta R.T. 0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:146 Resp: 5457

Ion	Ratio	Lower	Upper
146	100		
111	42.8	32.2	48.2

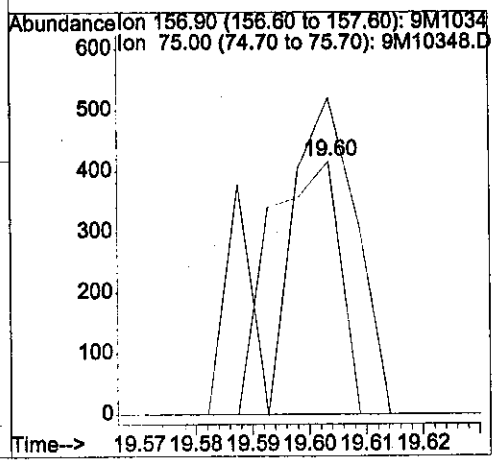


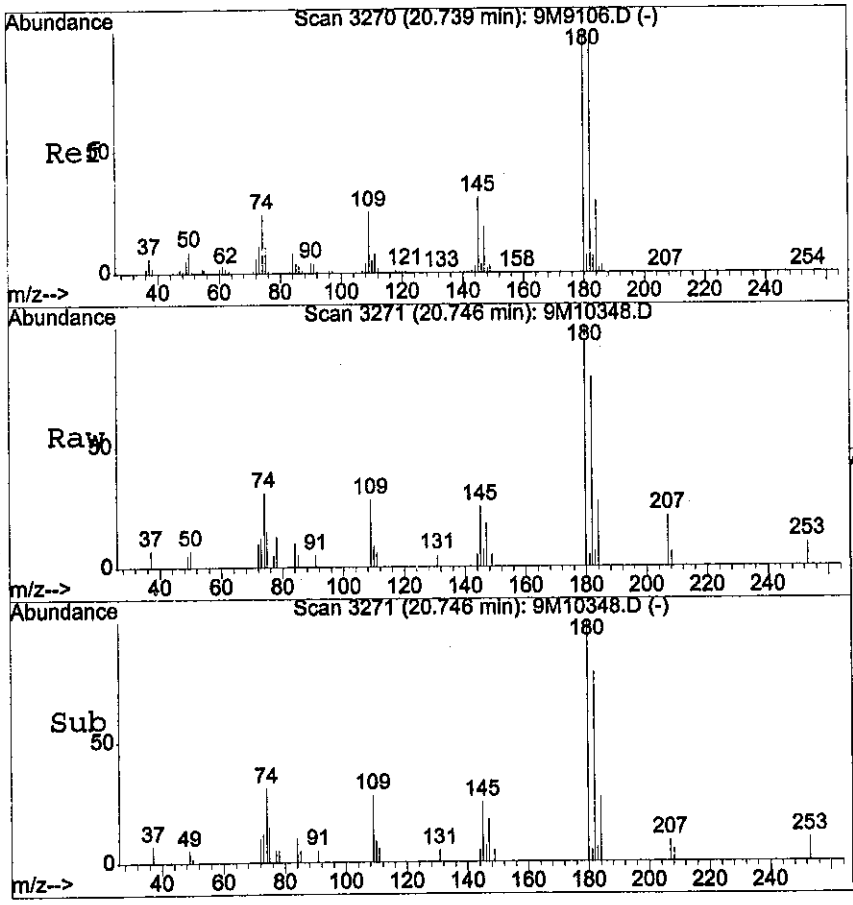


#83
1,2-Dibromo-3-Chloropropane
Concen: 10.63 ug/L
RT: 19.60 min Scan# 3057
Delta R.T. 0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:157 Resp: 356

Ion	Ratio	Lower	Upper
157	100		
75	144.9	68.0	102.0#

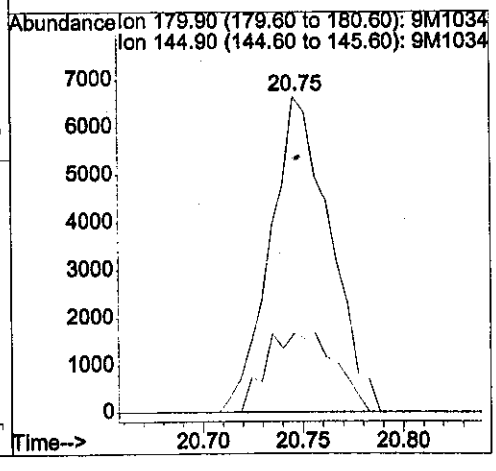


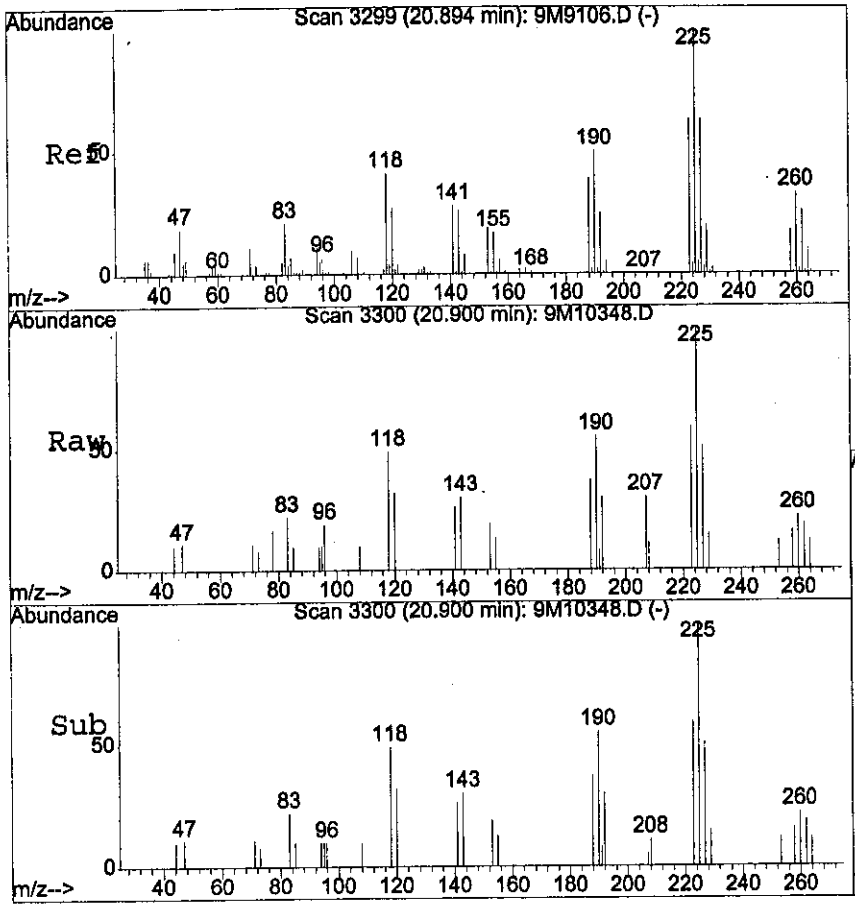


#84
1,2,4-Trichlorobenzene
Concen: 42.35 ug/L
RT: 20.75 min Scan# 3271
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:180 Resp: 13799

Ion	Ratio	Lower	Upper
180	100		
145	29.3	25.0	37.4

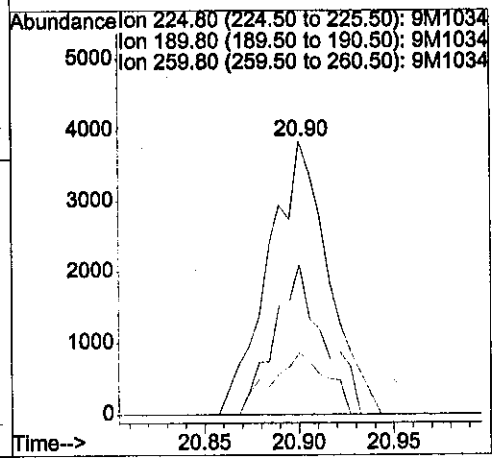


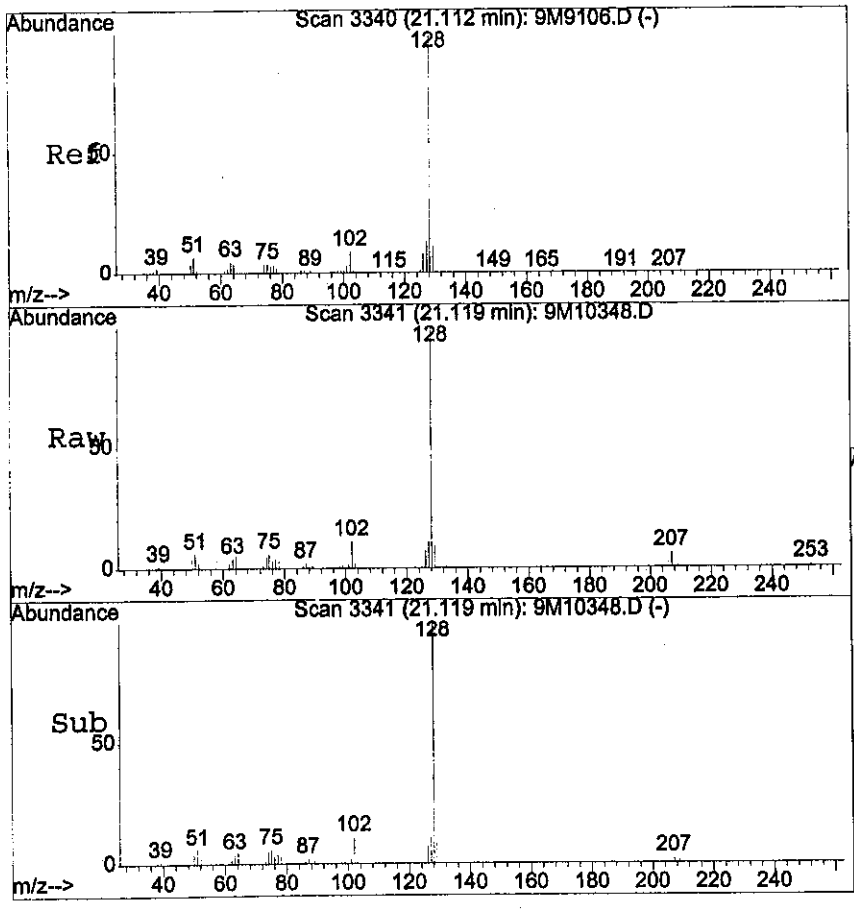


#85
Hexachlorobutadiene
Concen: 52.33 ug/L
RT: 20.90 min Scan# 3300
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:225 Resp: 8438

Ion	Ratio	Lower	Upper
225	100		
190	45.0	39.5	59.3
260	21.2	23.1	34.7#

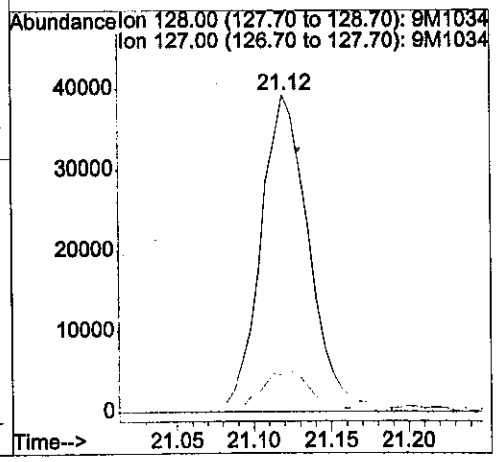


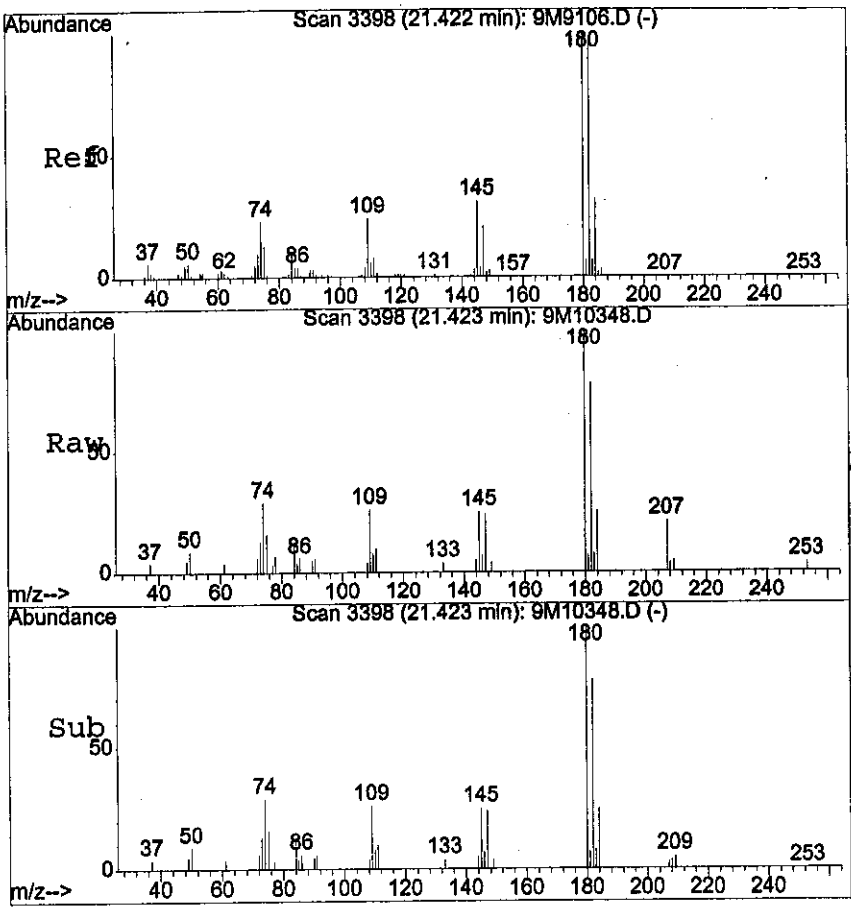


#86
Naphthalene
Concen: 184.55 ug/L
RT: 21.12 min Scan# 3341
Delta R.T. -0.00 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:128 Resp: 85062

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6

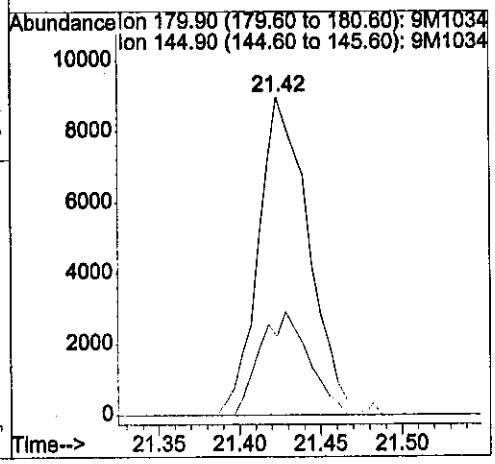




#87
1,2,3-Trichlorobenzene
Concen: 74.65 ug/L
RT: 21.42 min Scan# 3398
Delta R.T. -0.01 min
Lab File: 9M10348.D
Acq: 29 Jun 2000 9:57

Tgt Ion:180 Resp: 19274

Ion	Ratio	Lower	Upper
180	100		
145	31.3	25.8	38.8



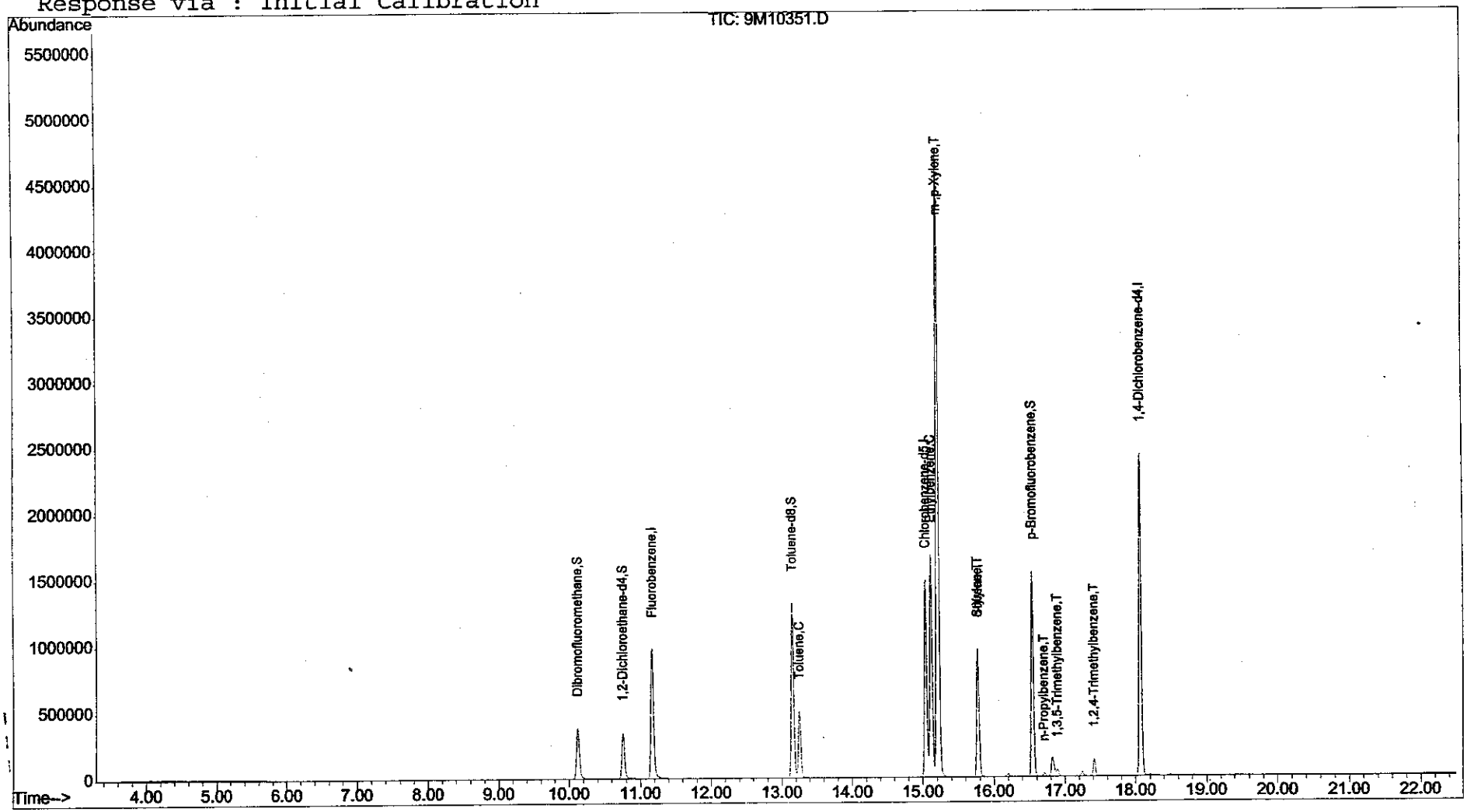
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062900\9M10351.D
Acq On : 29 Jun 2000 11:34
Sample : L0006193-11 1000X 8260 IETCORP
Misc : WATER,1000
MS Integration Params: rteint.p
Quant Time: Jun 29 11:56 2000

Vial: 9
Operator: MES
Inst : HPMS_9
Multiplr: 1000.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10351.D Vial: 9
Acq On : 29 Jun 2000 11:34 Operator: MES
Sample : L0006193-11 1000X 8260 IETCORP Inst : HPMS_9
Misc : WATER,1000 Multiplr: 1000.00
MS Integration Params: rteint.p
Quant Time: Jun 29 11:56 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	1263706	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.04	117	1085855	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	851518	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	330611	22.47	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 89.88%			
33) 1,2-Dichloroethane-d4	10.76	65	400255	22.41	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 89.64%			
45) Toluene-d8	13.15	98	1244562	23.68	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.72%			
66) p-Bromofluorobenzene	16.54	95	678435	26.04	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 104.16%			
Target Compounds						Qvalue
3) Chloromethane	4.09	50	736	54.57	ug/L	88
5) Bromomethane	5.16	94	301	33.14	ug/L #	14
7) Trichlorofluoromethane	5.85	101	378	11.90	ug/L #	16
11) Acetone	6.73	43	2688	1449.73	ug/L #	58
14) Iodomethane	7.48	142	101	7.03	ug/L #	38
15) Methylene Chloride	7.72	84	1769	127.70	ug/L #	41
16) Carbon Disulfide	7.78	76	2763	63.23	ug/L #	74
23) 2-Butanone	9.36	43	477	194.62	ug/L #	61
29) 1,1,1-Trichloroethane	10.36	97	933	31.57	ug/L #	70
32) Carbon Tetrachloride	10.74	117	112	4.50	ug/L #	85
34) 1,2-Dichloroethane	10.88	62	1881	83.77	ug/L #	62
35) Benzene	10.91	78	1647	30.16	ug/L #	53
36) Trichloroethene	11.67	130	511	34.02	ug/L #	18
43) Dimethyl Disulfide	13.16	79	314	23.87	ug/L #	1
46) Toluene	13.25	91	513515	8378.33	ug/L	99
56) Chlorobenzene	15.10	112	1520	32.68	ug/L #	71
58) Ethylbenzene	15.12	106	508417	19651.04	ug/L	85
59) m-,p-Xylene	15.22	106	1908975	56247.05	ug/L	85
60) o-Xylene	15.78	106	358948	10797.40	ug/L	81
61) Styrene	15.78	104	18675	317.52	ug/L #	1
63) Isopropylbenzene	16.20	105	19184	179.50	ug/L	97
69) n-Propylbenzene	16.71	91	32482	314.66	ug/L #	89
71) 1,3,5-Trimethylbenzene	16.90	105	38110	460.02	ug/L	93
72) 2-Chlorotoluene	17.01	91	268	3.96	ug/L #	39
73) 4-Chlorotoluene	17.01	91	268	3.85	ug/L #	39
75) tert-Butylbenzene	17.42	119	11079	161.62	ug/L #	36
76) 1,2,4-Trimethylbenzene	17.41	105	102467	1200.03	ug/L	94

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\062900\9M10351.D
Acq On : 29 Jun 2000 11:34
Sample : L0006193-11 1000X 8260 IETCORP
Misc : WATER,1000
MS Integration Params: rteint.p
Quant Time: Jun 29 11:56 2000

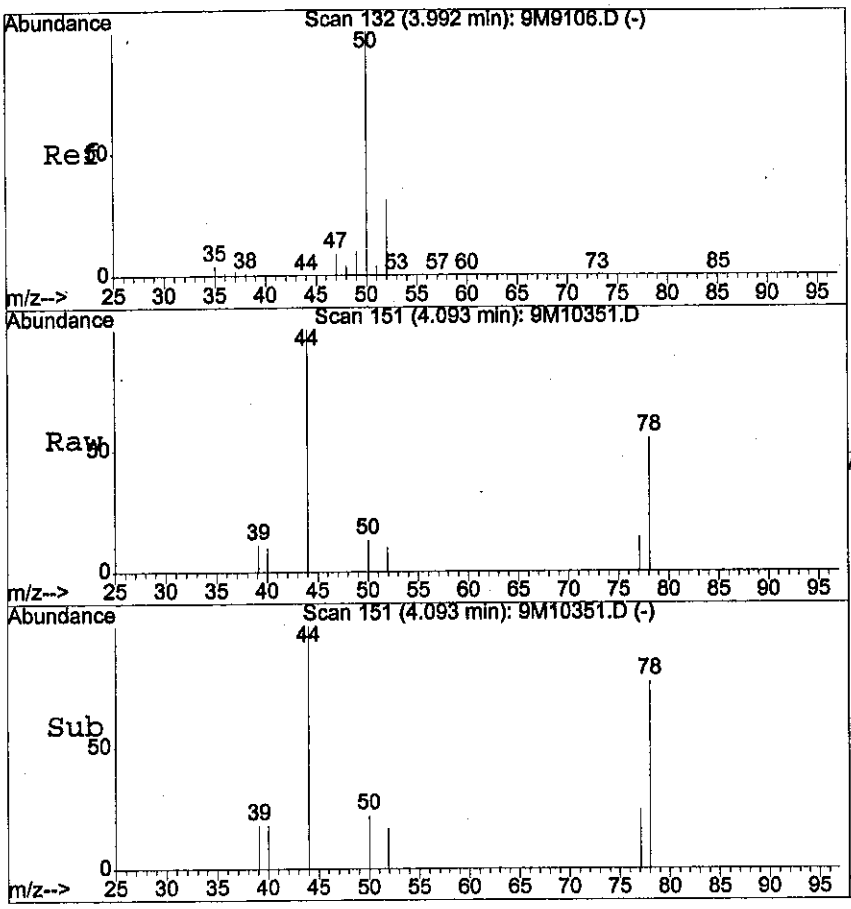
Vial: 9
Operator: MES
Inst : HPMS_9
Multiplr: 1000.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	sec-Butylbenzene	17.63	105	786	7.78	ug/L	#	83
78)	p-Isopropyltoluene	17.78	119	430	4.58	ug/L	#	49
80)	1,4-Dichlorobenzene	18.13	146	102	1.93	ug/L	#	36
81)	n-Butylbenzene	18.32	91	2702	32.45	ug/L	#	54
82)	1,2-Dichlorobenzene	18.61	146	627	13.69	ug/L	#	35
86)	Naphthalene	21.12	128	4477	107.22	ug/L	#	67
87)	1,2,3-Trichlorobenzene	21.42	180	585	25.01	ug/L	#	42

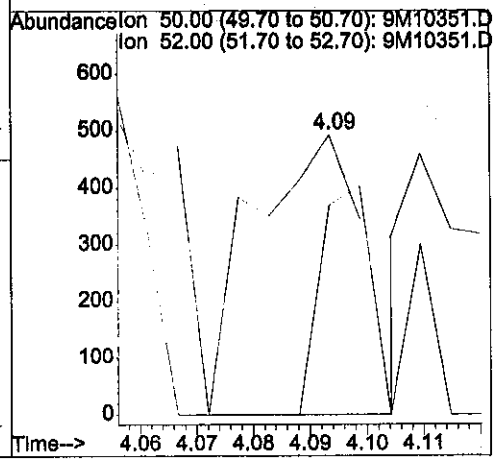
(#) = qualifier out of range (m) = manual integration

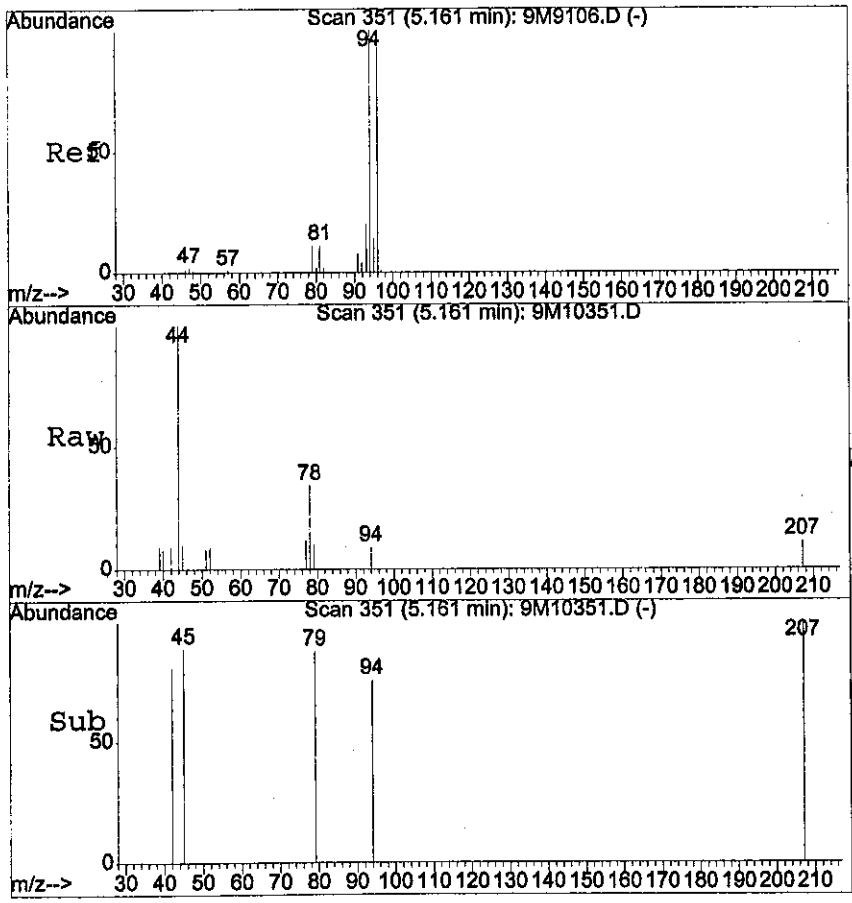


#3
Chloromethane
Concen: 54.57 ug/L
RT: 4.09 min Scan# 151
Delta R.T. 0.03 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 50 Resp: 736

Ion	Ratio	Lower	Upper
50	100		
52	46.7	31.6	47.4

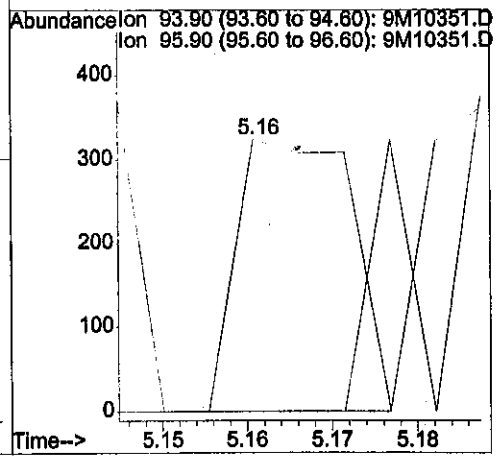


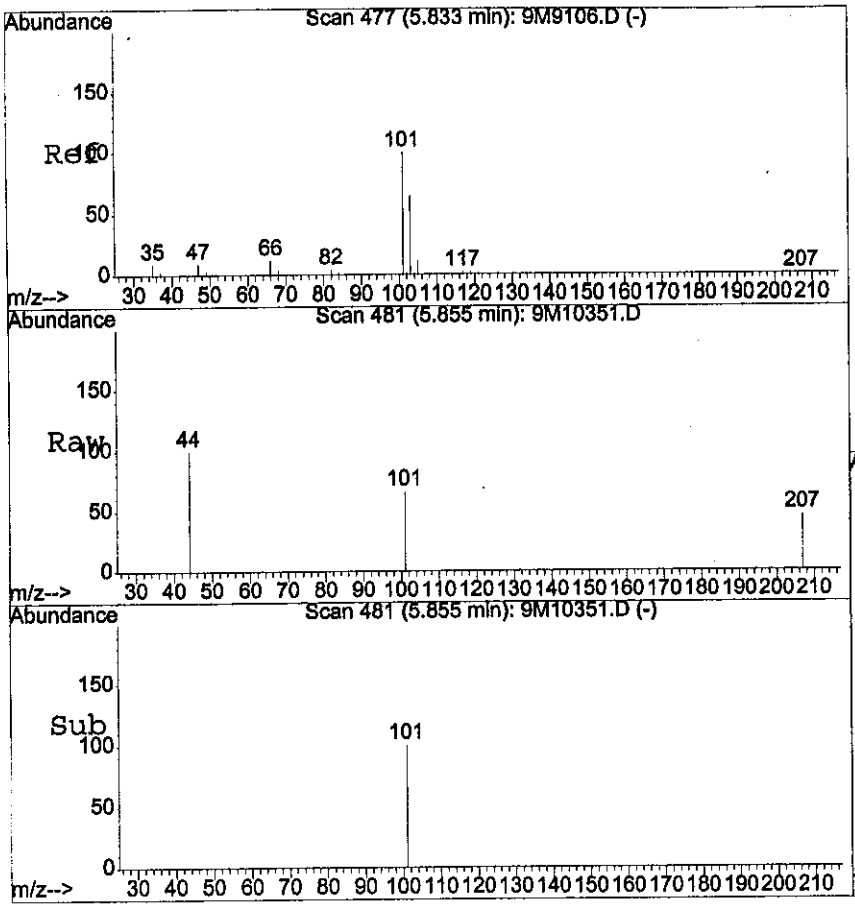


#5
Bromomethane
Concen: 33.14 ug/L
RT: 5.16 min Scan# 351
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 94 Resp: 301

Ion	Ratio	Lower	Upper
94	100		
96	0.0	56.9	85.3#

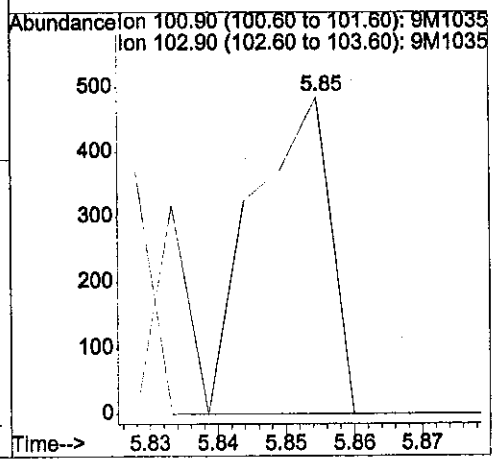


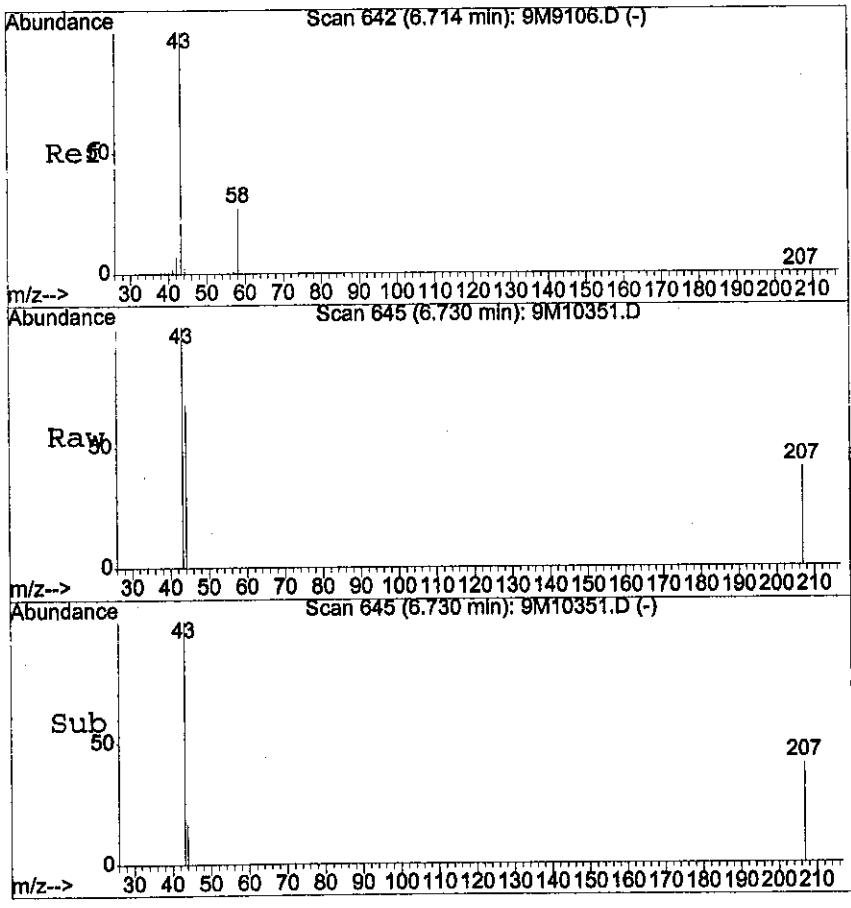


#7
Trichlorofluoromethane
Concen: 11.90 ug/L
RT: 5.85 min Scan# 481
Delta R.T. 0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:101 Resp: 378

Ion	Ratio	Lower	Upper
101	100		
103	0.0	53.9	80.9#

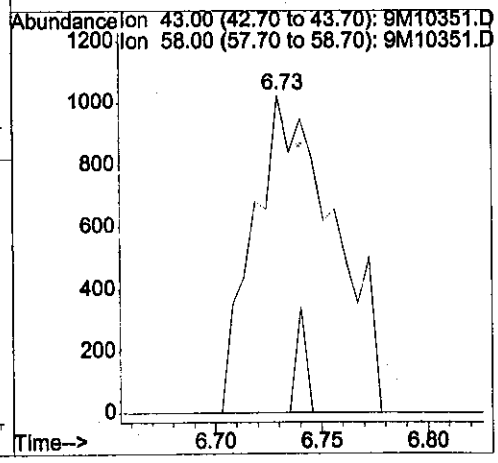


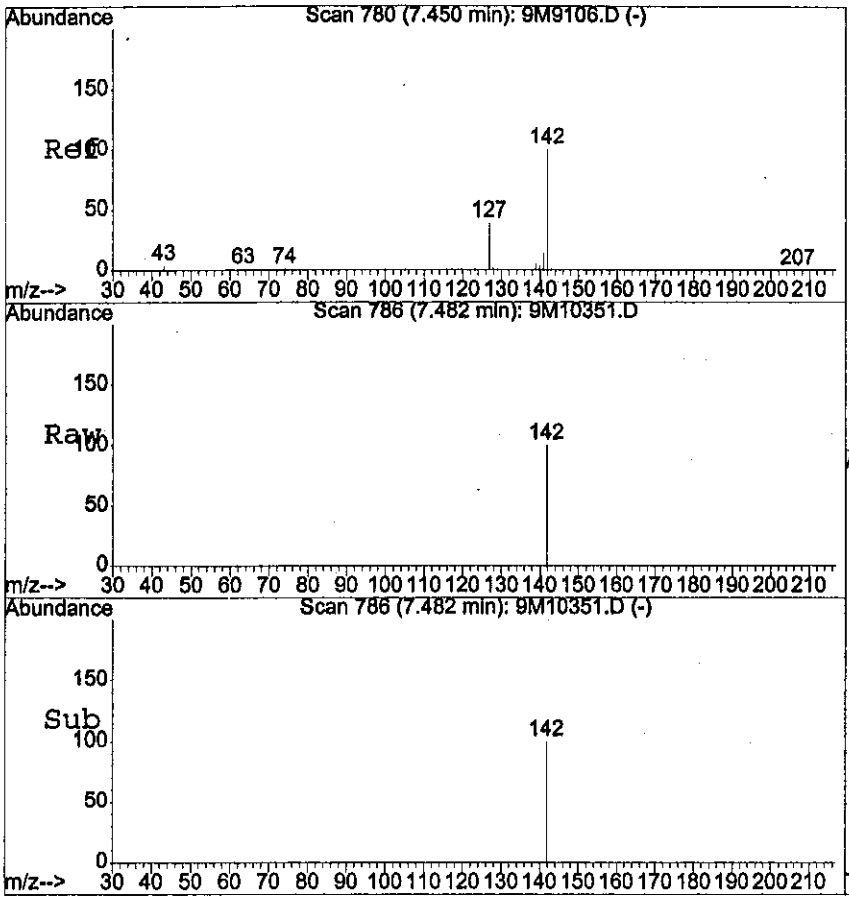


#11
Acetone
Concen: 1449.73 ug/L
RT: 6.73 min Scan# 645
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 43 Resp: 2688

Ion	Ratio	Lower	Upper
43	100		
58	4.1	20.0	30.0#

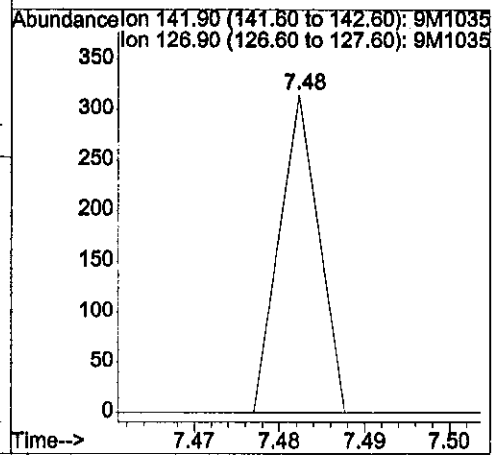


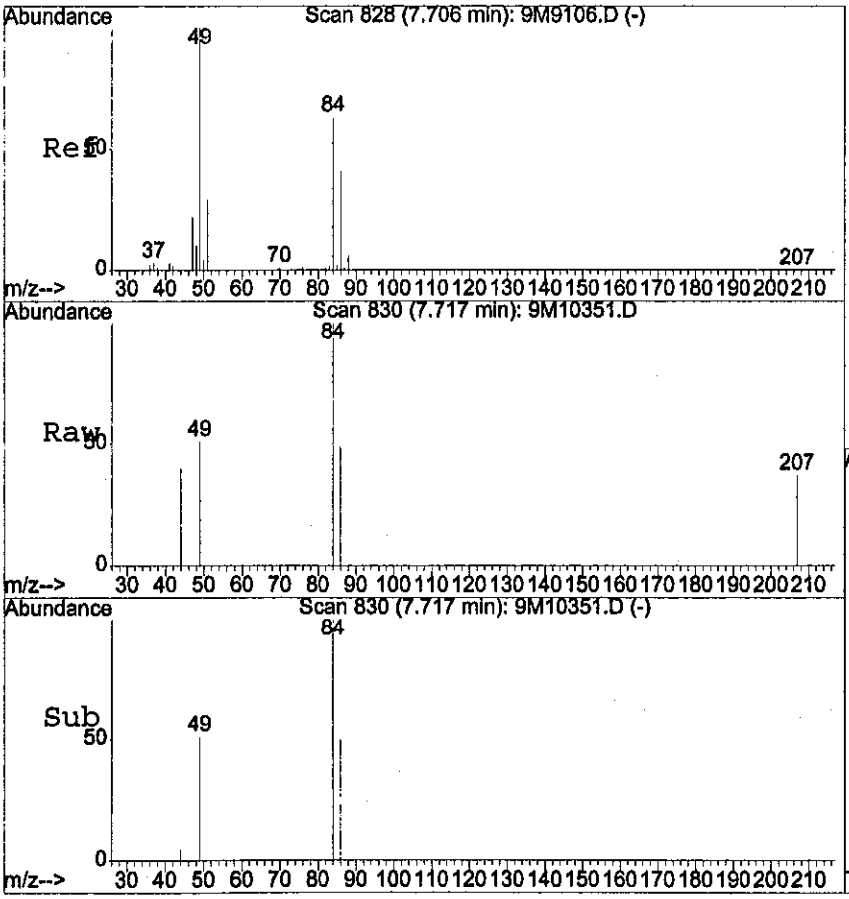


#14
Iodomethane
Concen: 7.03 ug/L
RT: 7.48 min Scan# 786
Delta R.T. 0.02 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:142 Resp: 101

Ion	Ratio	Lower	Upper
142	100		
127	0.0	29.7	44.5#

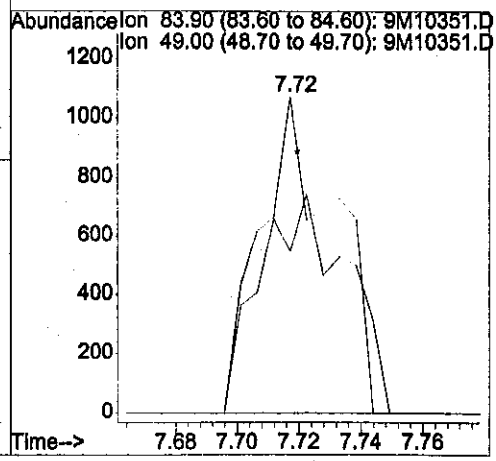


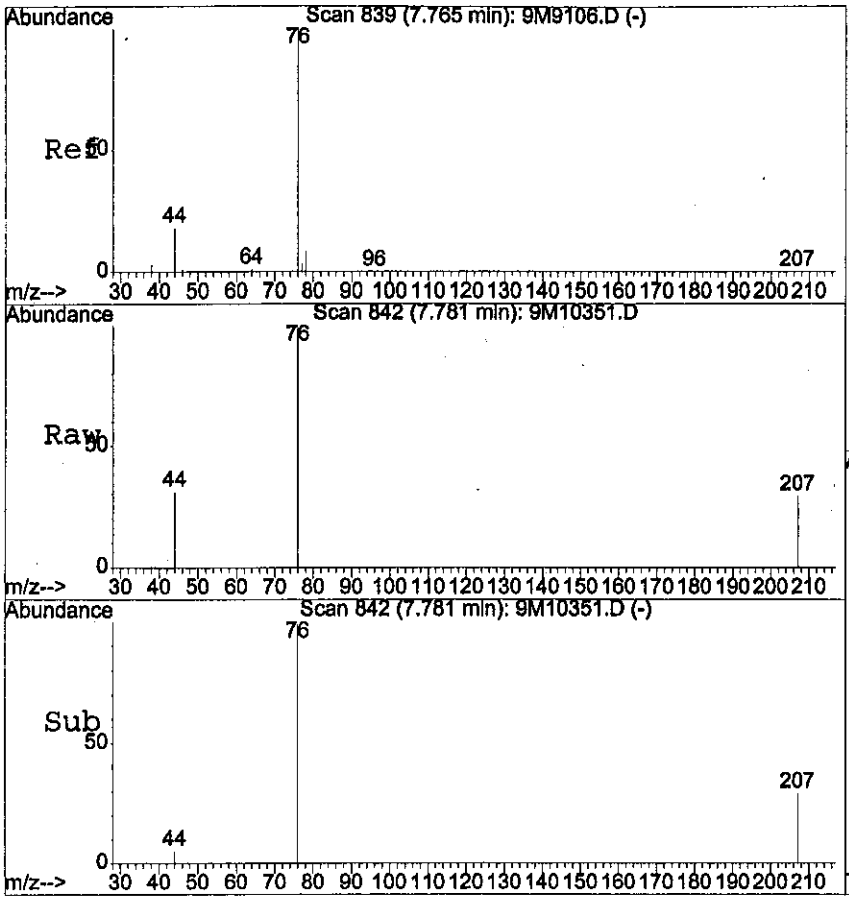


#15
Methylene Chloride
Concen: 127.70 ug/L
RT: 7.72 min Scan# 830
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 84 Resp: 1769

Ion	Ratio	Lower	Upper
84	100		
49	82.1	128.3	192.5#

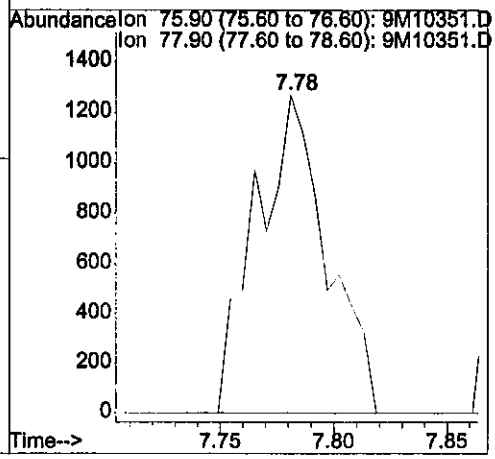


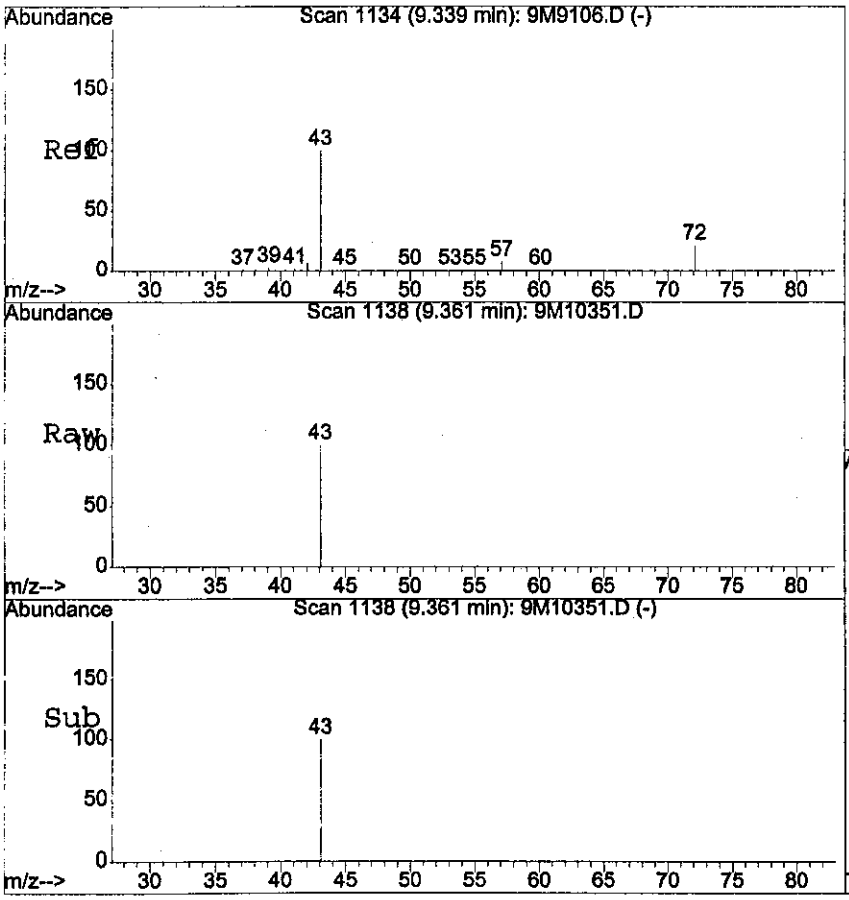


#16
Carbon Disulfide
Concen: 63.23 ug/L
RT: 7.78 min Scan# 842
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 76 Resp: 2763

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

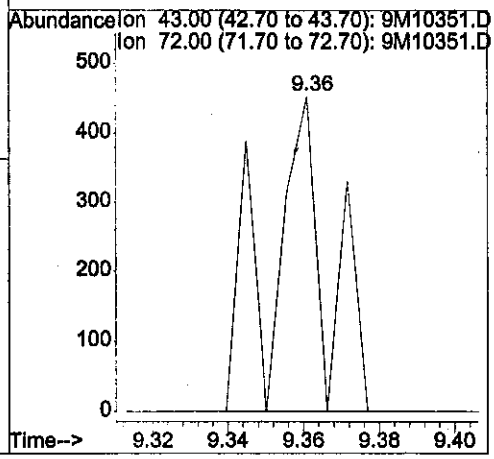


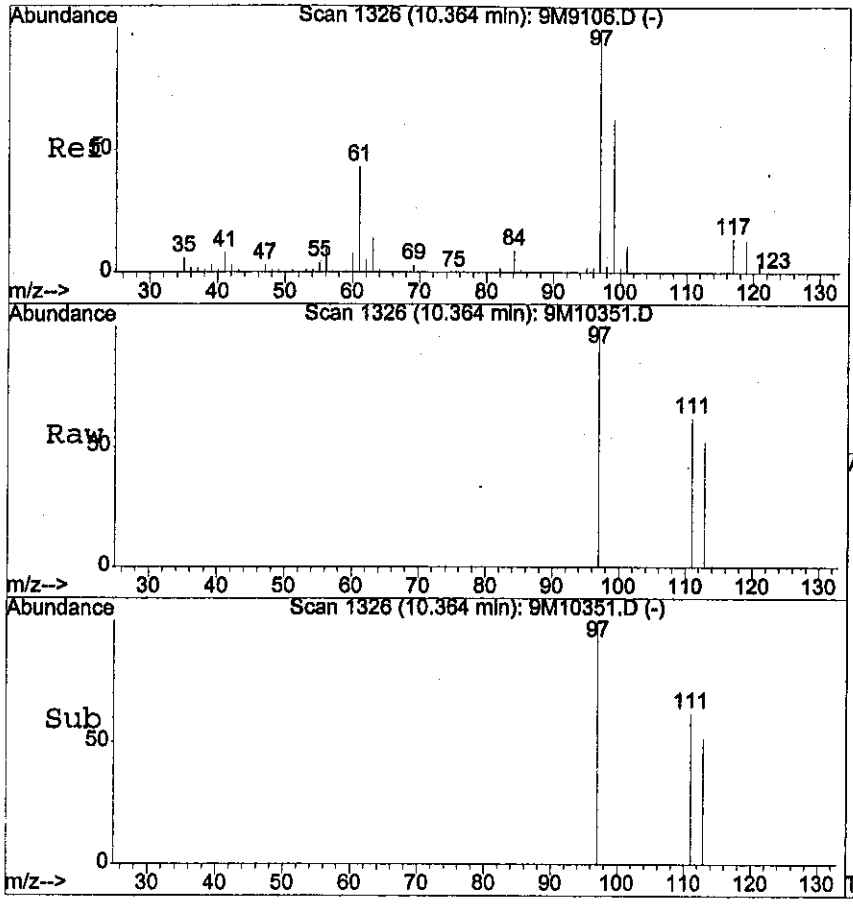


#23
2-Butanone
Concen: 194.62 ug/L
RT: 9.36 min Scan# 1138
Delta R.T. 0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 43 Resp: 477

Ion	Ratio	Lower	Upper
43	100		
72	0.0	13.6	20.4#

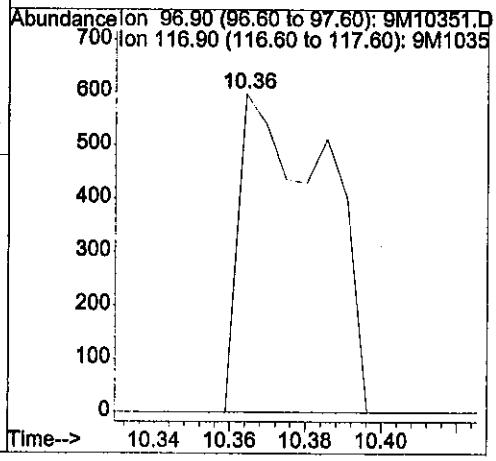


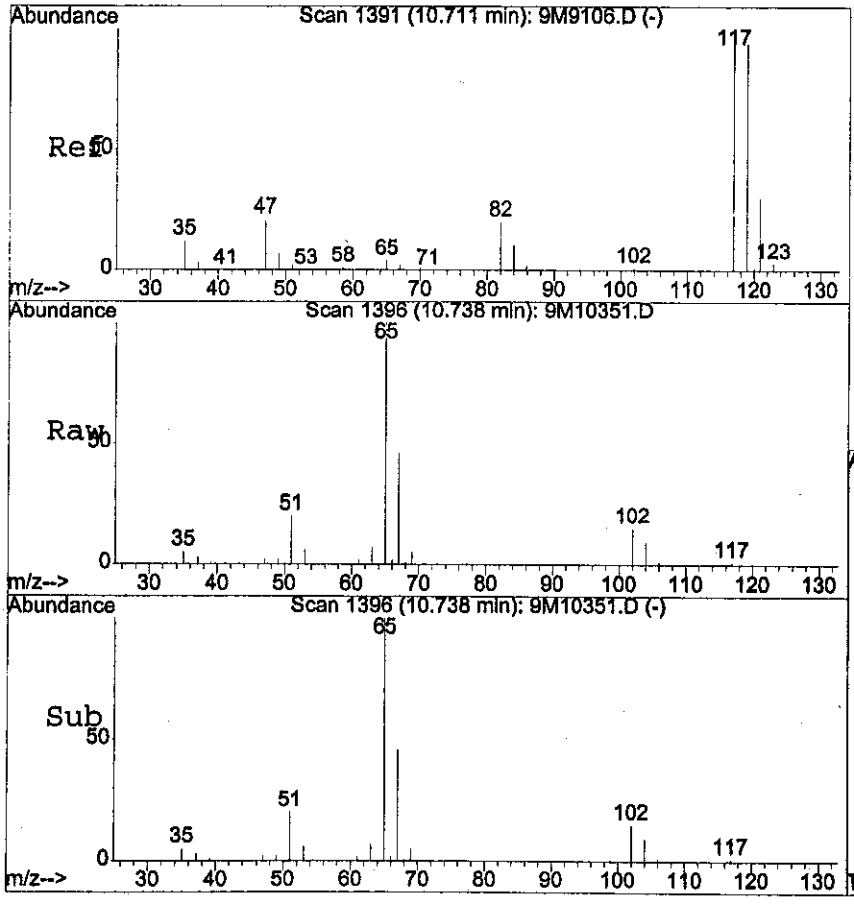


#29
1,1,1-Trichloroethane
Concen: 31.57 ug/L
RT: 10.36 min Scan# 1326
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 97 Resp: 933

Ion	Ratio	Lower	Upper
97	100		
117	0.0	9.0	13.6#

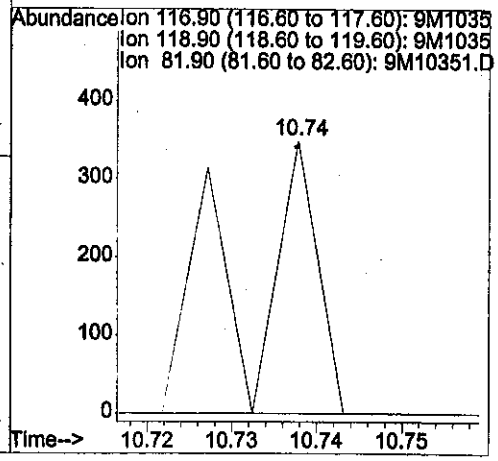


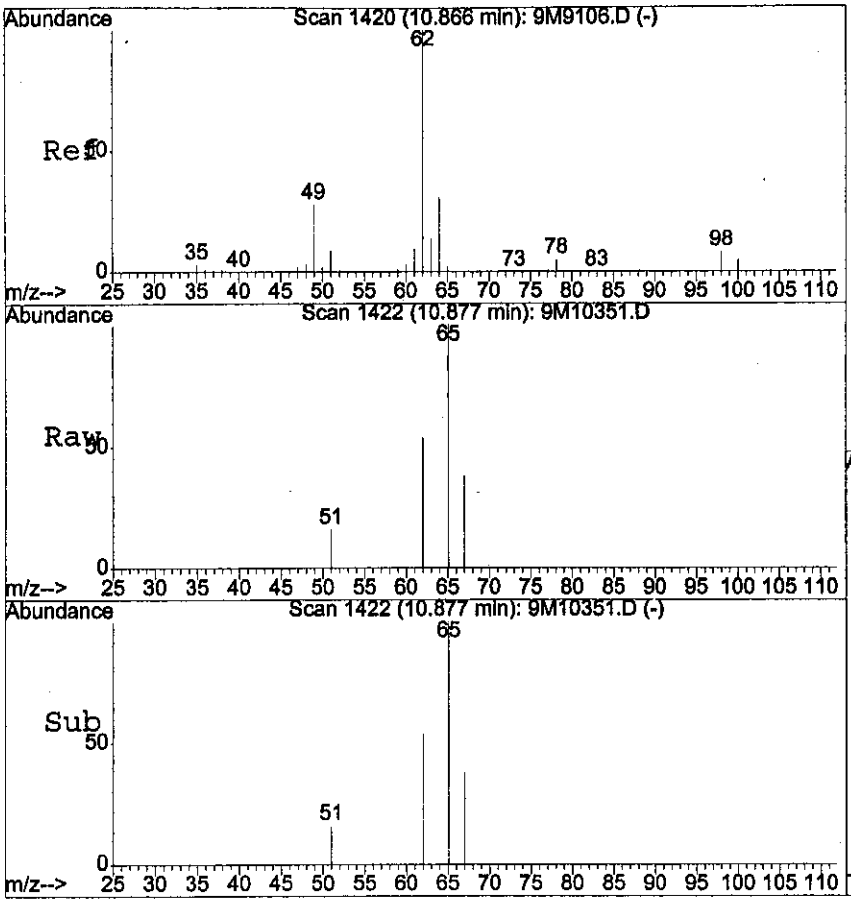


#32
Carbon Tetrachloride
Concen: 4.50 ug/L
RT: 10.74 min Scan# 1396
Delta R.T. 0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:117 Resp: 112

Ion	Ratio	Lower	Upper
117	100		
119	90.2	78.6	118.0
82	0.0	17.5	26.3#

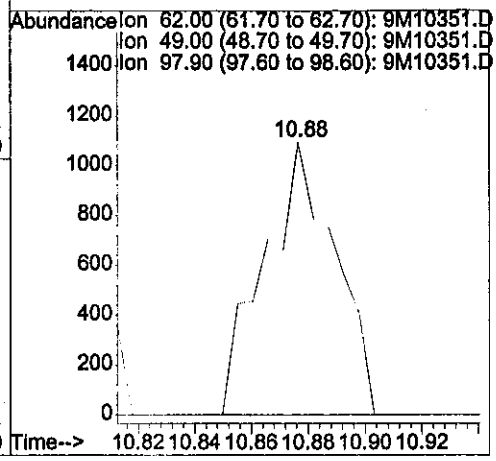


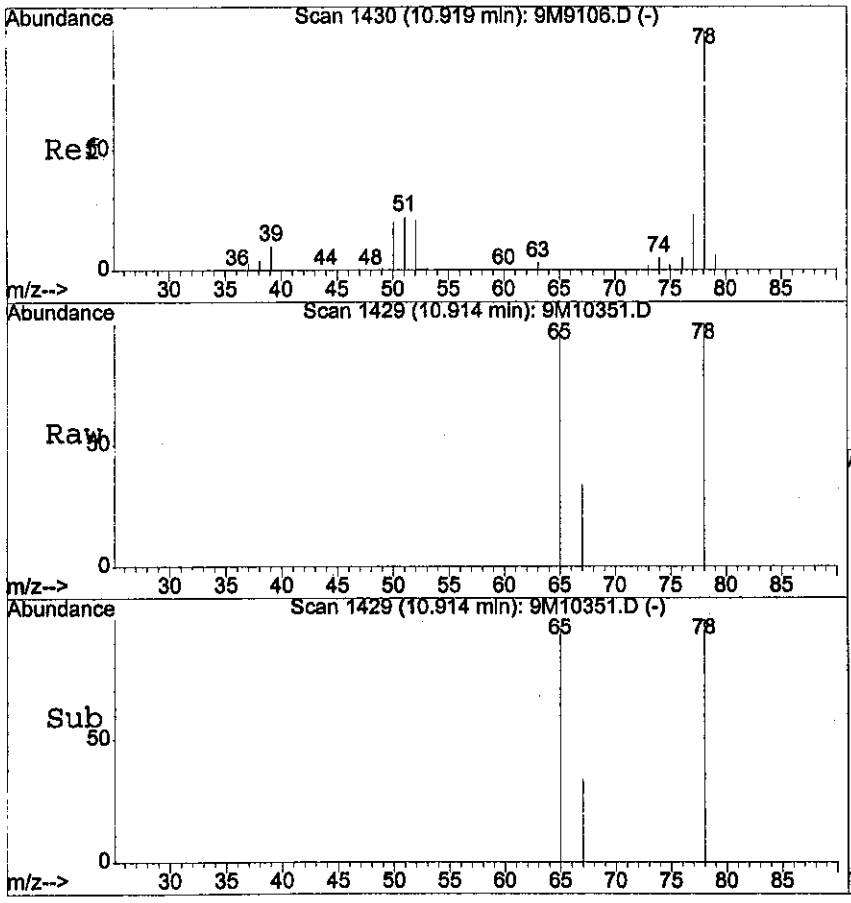


#34
1,2-Dichloroethane
Concen: 83.77 ug/L
RT: 10.88 min Scan# 1422
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 62 Resp: 1881

Ion	Ratio	Lower	Upper
62	100		
49	6.2	23.0	34.4#
98	0.0	5.4	8.2#

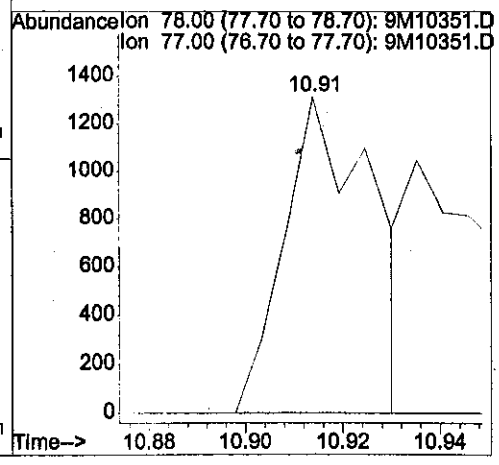


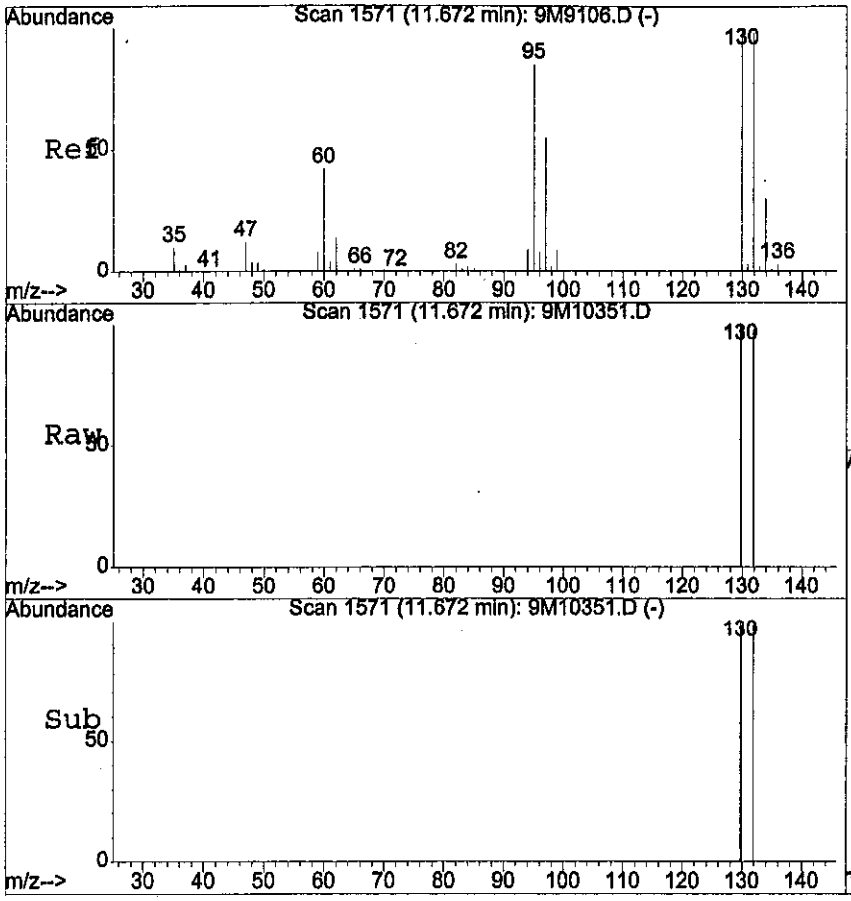


#35
Benzene
Concen: 30.16 ug/L
RT: 10.91 min Scan# 1429
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 78 Resp: 1647

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.4	27.6#

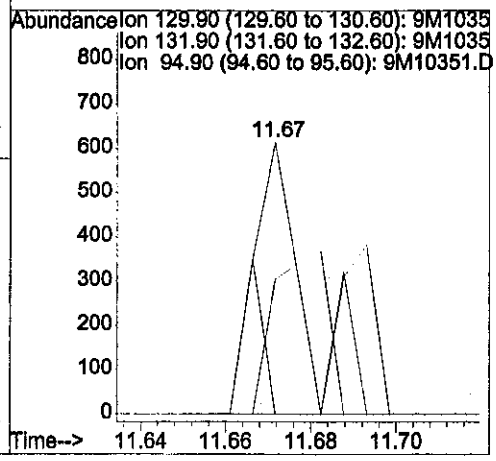


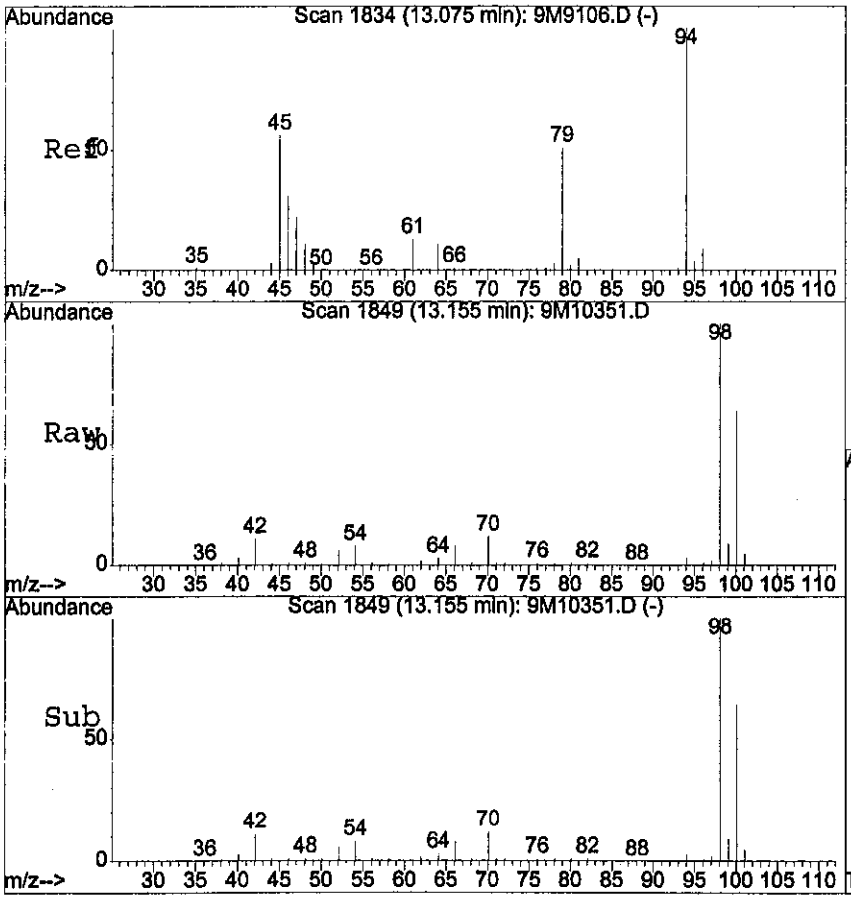


#36
Trichloroethene
Concen: 34.02 ug/L
RT: 11.67 min Scan# 1571
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:130 Resp: 511

Ion	Ratio	Lower	Upper
130	100		
132	0.0	70.2	105.2#
95	21.9	67.0	100.6#

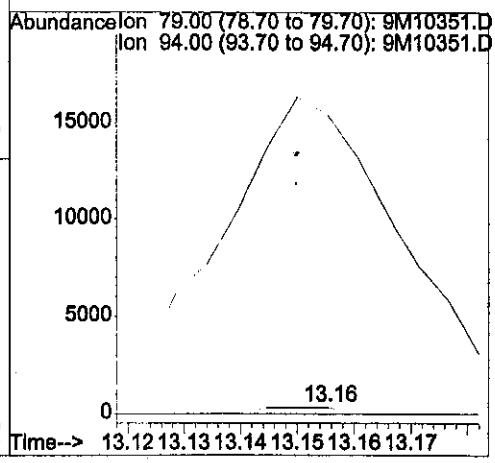


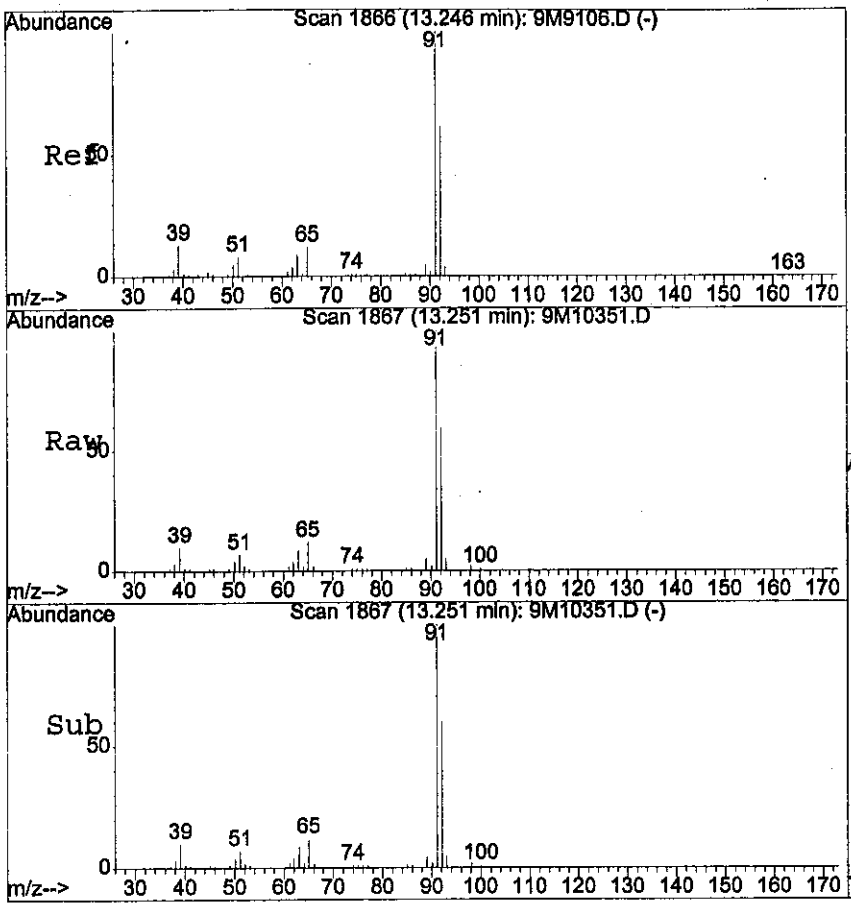


#43
Dimethyl Disulfide
Concen: 23.87 ug/L
RT: 13.16 min Scan# 1849
Delta R.T. 0.07 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 79 Resp: 314

Ion	Ratio	Lower	Upper
79	100		
94	12229.9	159.2	238.8#

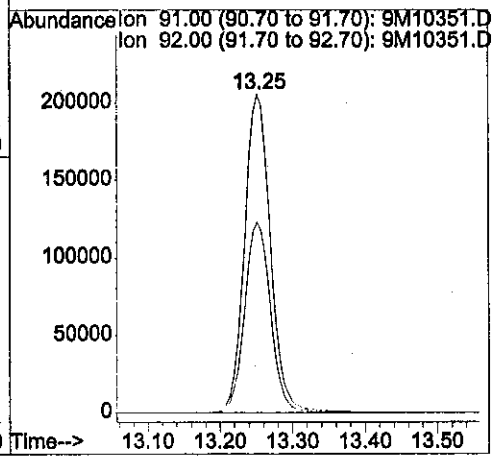


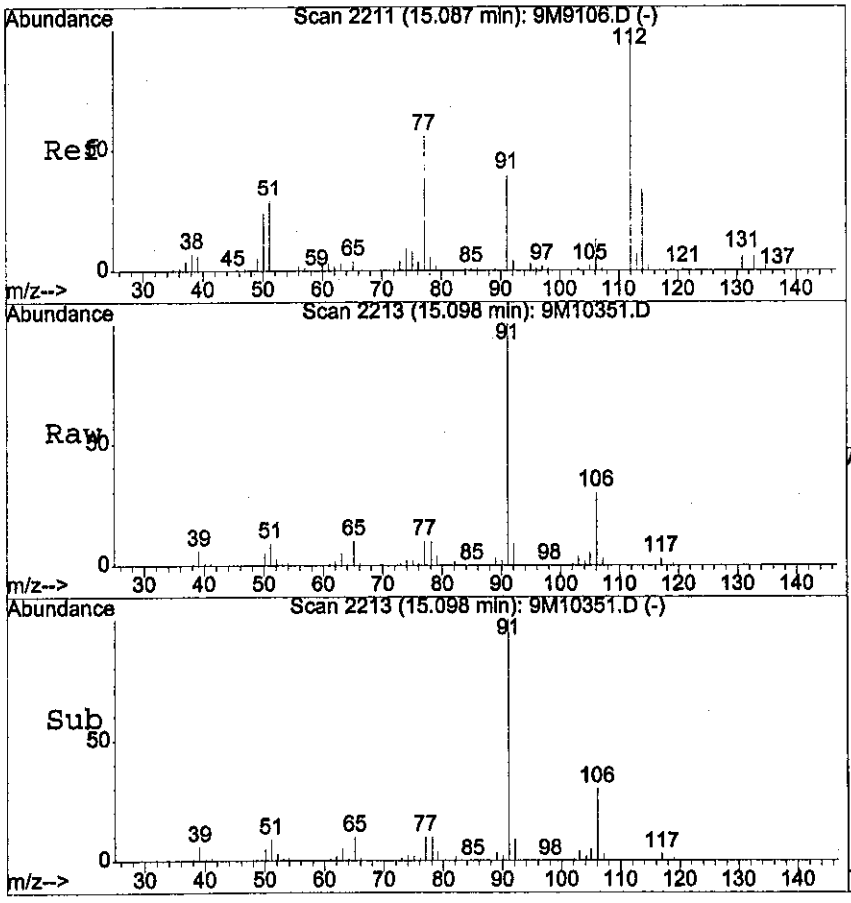


#46
Toluene
Concen: 8378.33 ug/L
RT: 13.25 min Scan# 1867
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 91 Resp: 513515

Ion	Ratio	Lower	Upper
91	100		
92	59.6	47.0	70.4

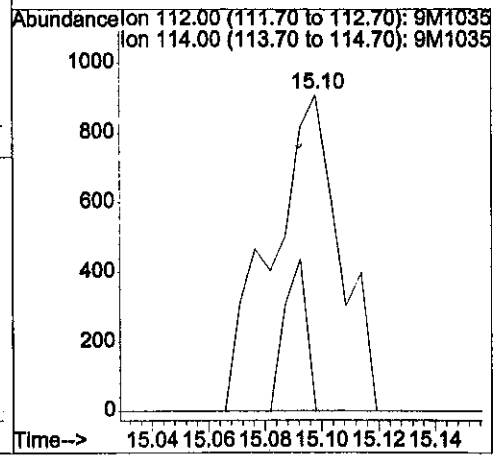


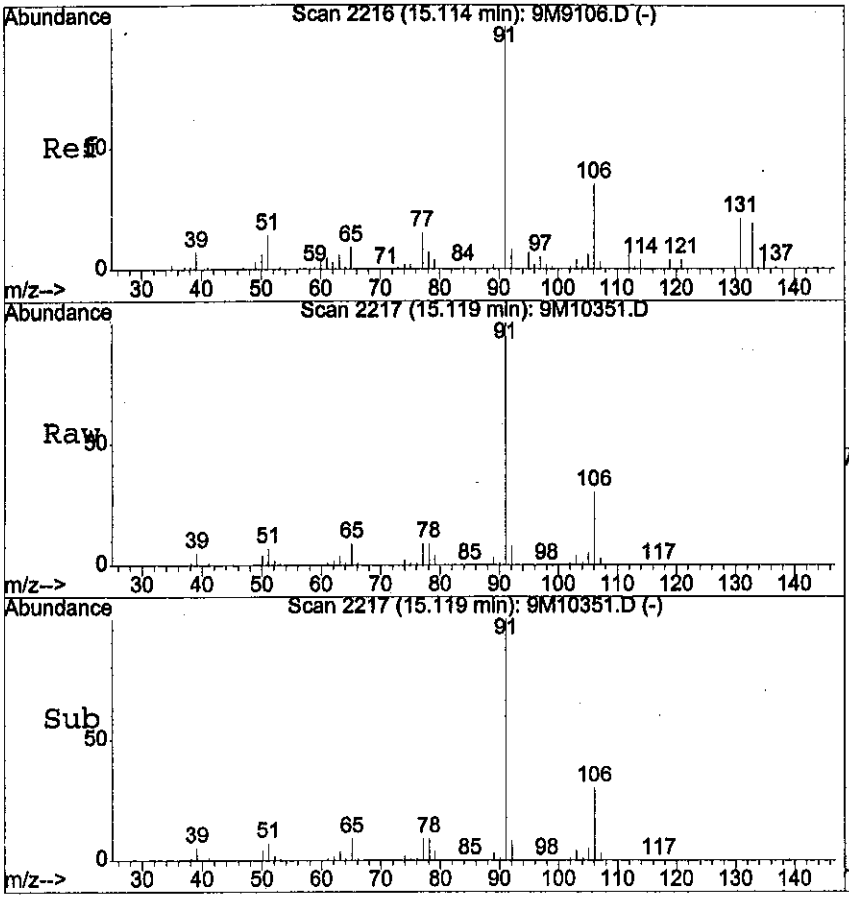


#56
Chlorobenzene
Concen: 32.68 ug/L
RT: 15.10 min Scan# 2213
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:112 Resp: 1520

Ion	Ratio	Lower	Upper
112	100		
114	15.8	25.7	38.5#

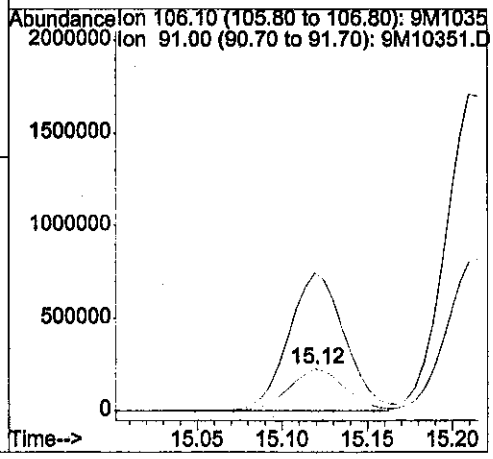


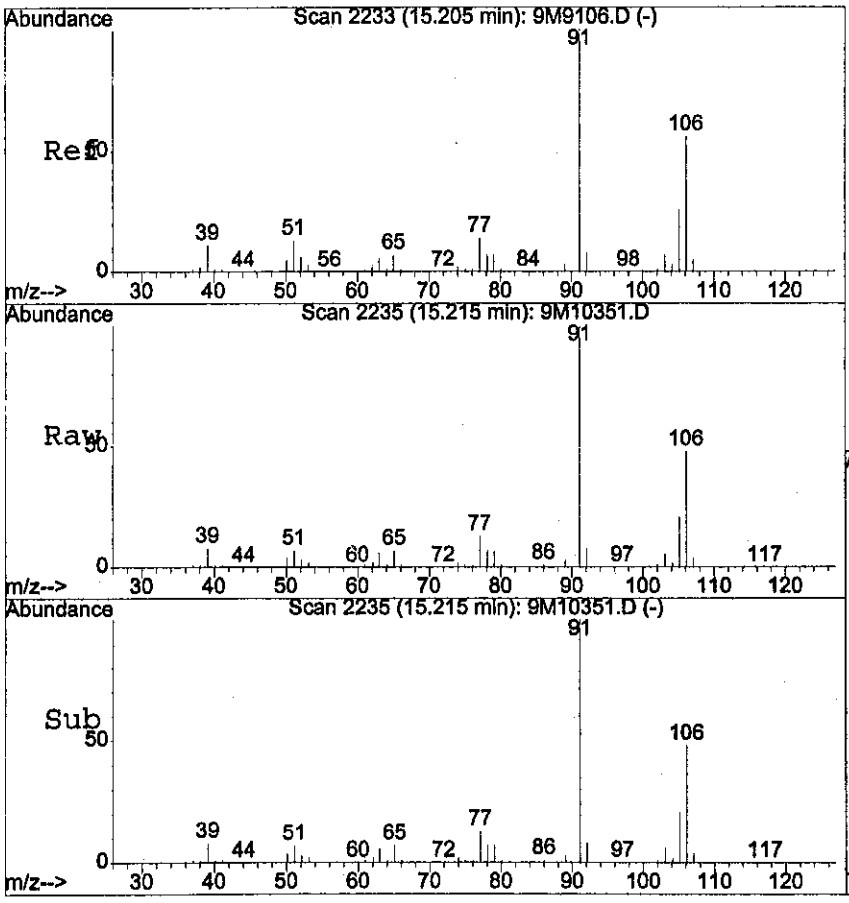


#58
Ethylbenzene
Concen: 19651.04 ug/L
RT: 15.12 min Scan# 2217
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:106 Resp: 508417

Ion	Ratio	Lower	Upper
106	100		
91	335.2	245.0	367.4

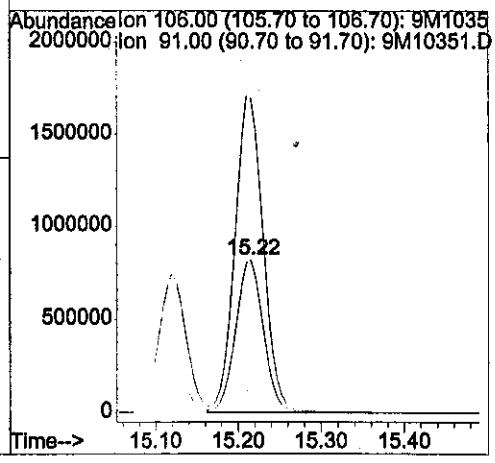


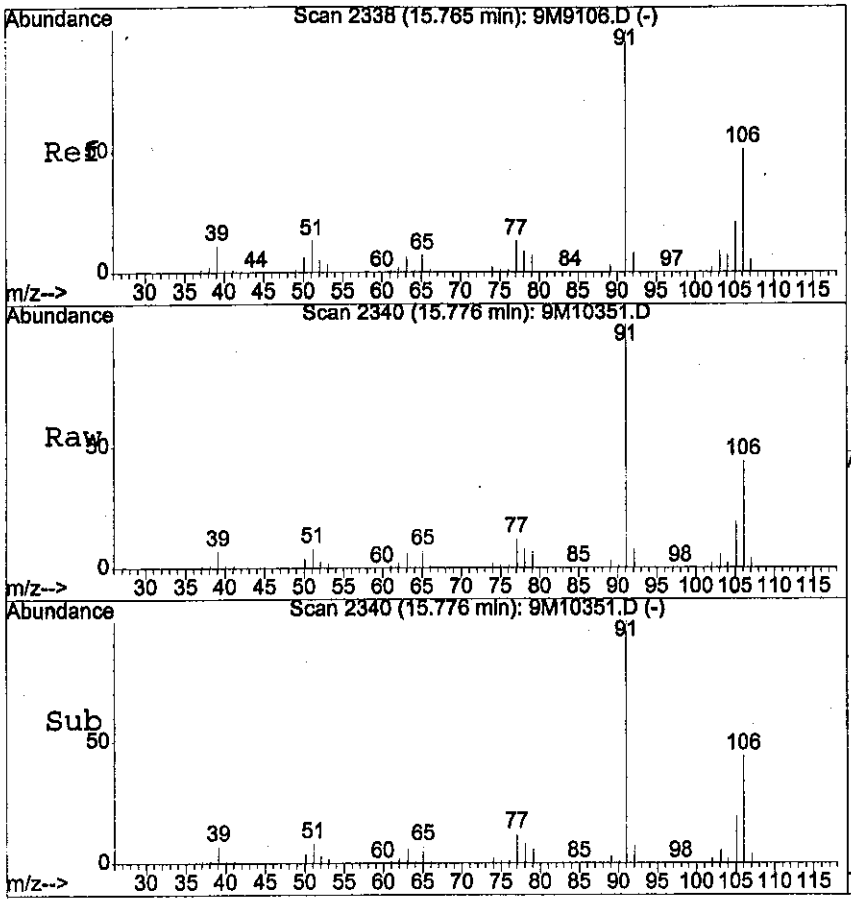


#59
m-,p-Xylene
Concen: 56247.05 ug/L
RT: 15.22 min Scan# 2235
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:106 Resp: 1908975

Ion	Ratio	Lower	Upper
106	100		
91	211.1	151.0	226.4

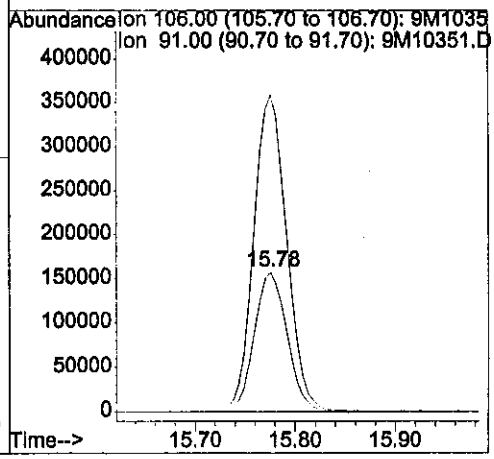


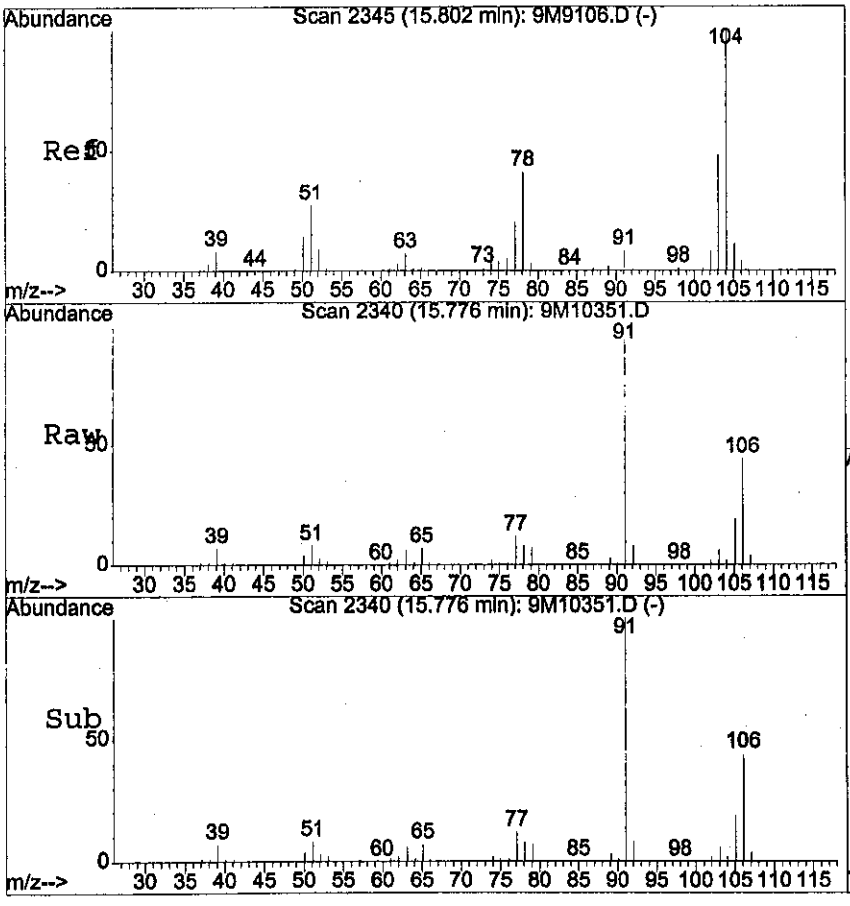


#60
o-Xylene
Concen: 10797.40 ug/L
RT: 15.78 min Scan# 2340
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:106 Resp: 358948

Ion	Ratio	Lower	Upper
106	100		
91	228.8	160.2	240.4

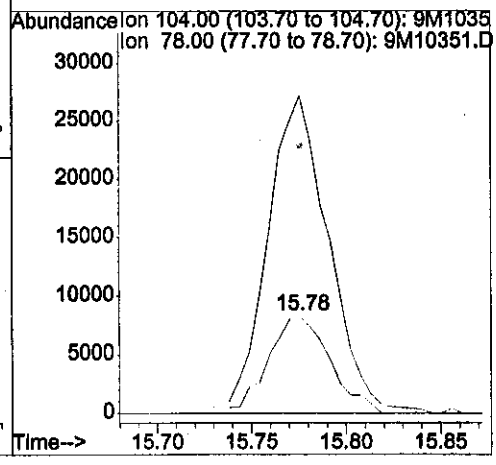


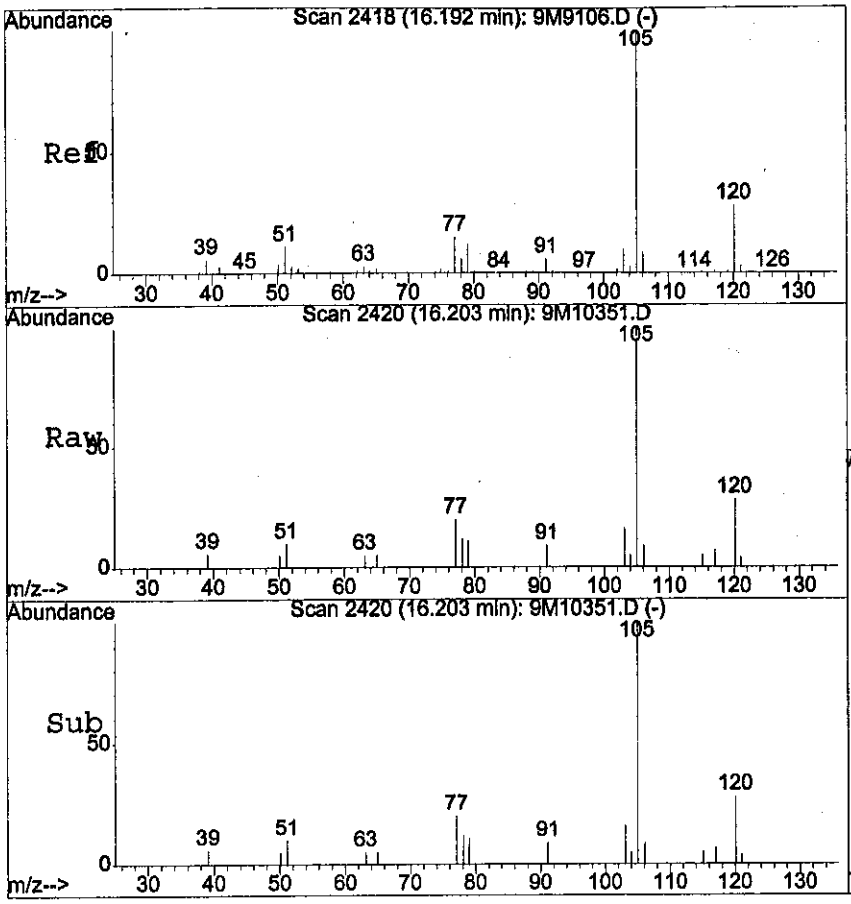


#61
Styrene
Concen: 317.52 ug/L
RT: 15.78 min Scan# 2340
Delta R.T. -0.03 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:104 Resp: 18675

Ion	Ratio	Lower	Upper
104	100		
78	325.9	40.9	61.3#

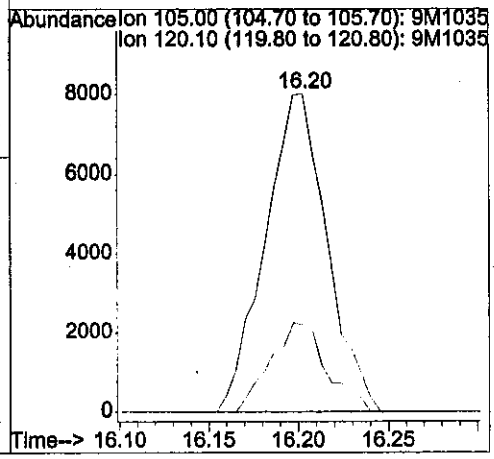


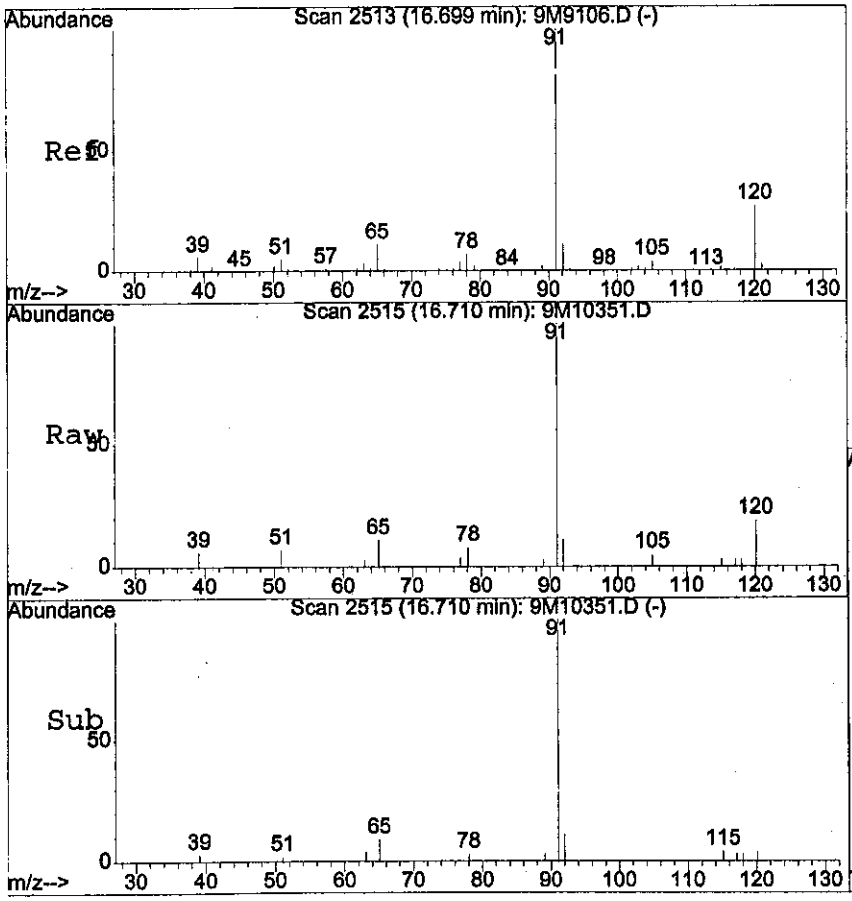


#63
Isopropylbenzene
Concen: 179.50 ug/L
RT: 16.20 min Scan# 2420
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:105 Resp: 19184

Ion	Ratio	Lower	Upper
105	100		
120	25.6	21.8	32.6

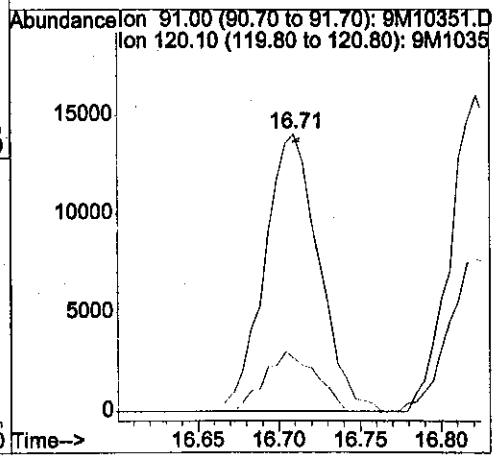


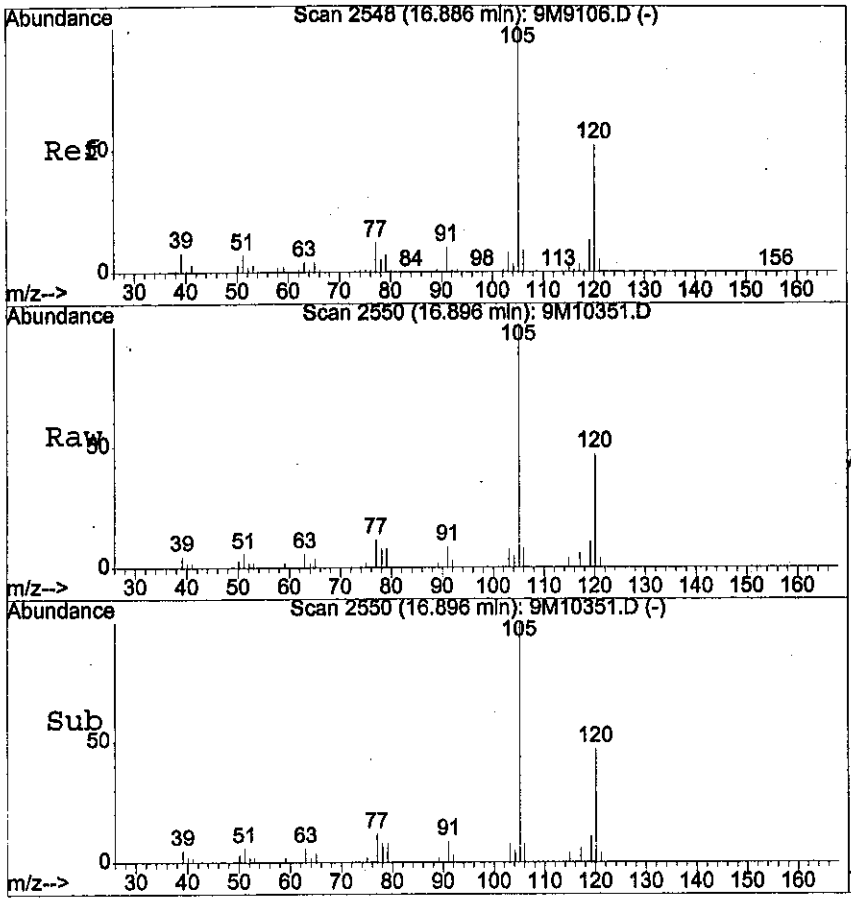


#69
n-Propylbenzene
Concen: 314.66 ug/L
RT: 16.71 min Scan# 2515
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 91 Resp: 32482

Ion	Ratio	Lower	Upper
91	100		
120	20.0	20.5	30.7#

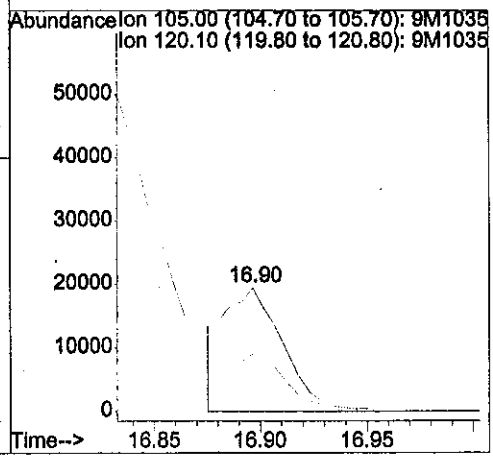


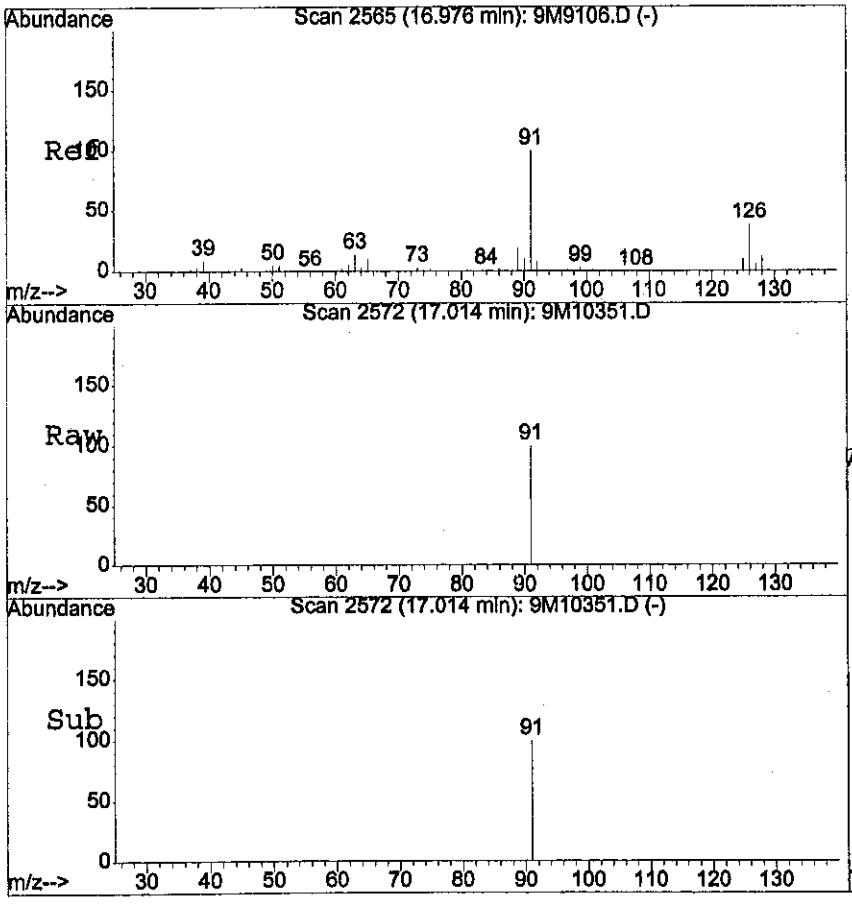


#71
1,3,5-Trimethylbenzene
Concen: 460.02 ug/L
RT: 16.90 min Scan# 2550
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:105 Resp: 38110

Ion	Ratio	Lower	Upper
105	100		
120	47.3	41.9	62.9

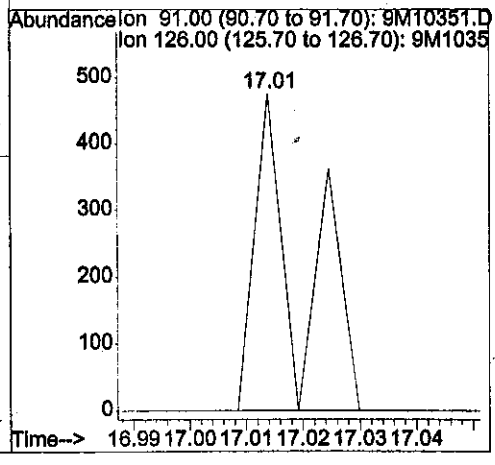


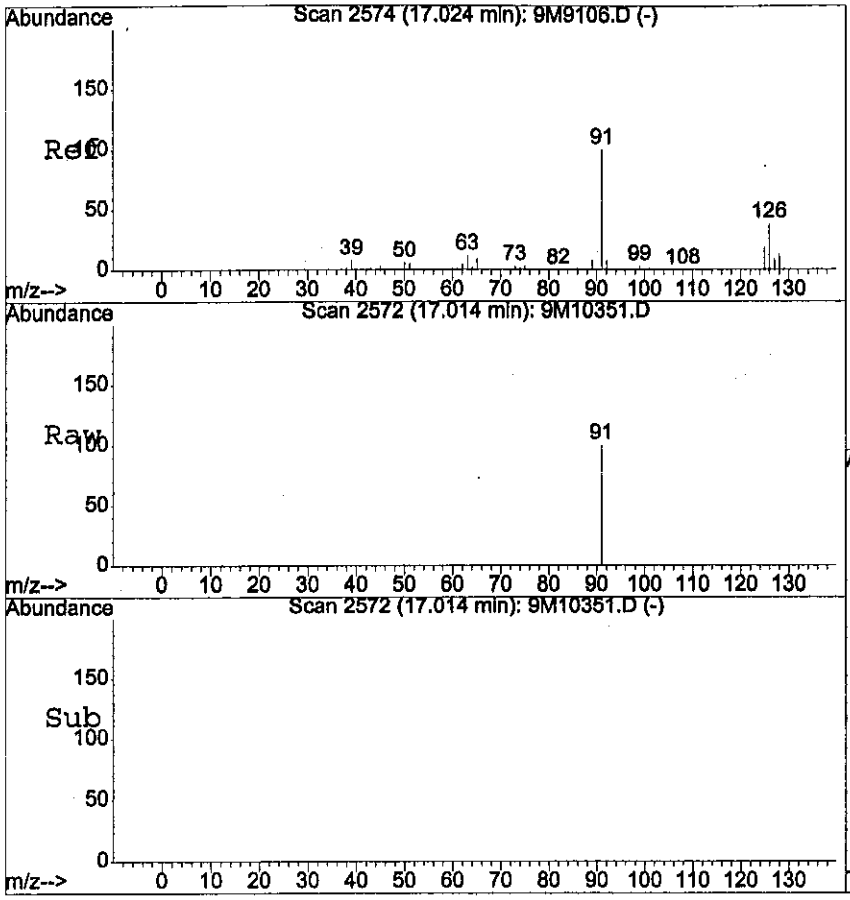


#72
2-Chlorotoluene
Concen: 3.96 ug/L
RT: 17.01 min Scan# 2572
Delta R.T. 0.03 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 91 Resp: 268

Ion	Ratio	Lower	Upper
91	100		
126	0.0	28.5	42.7#

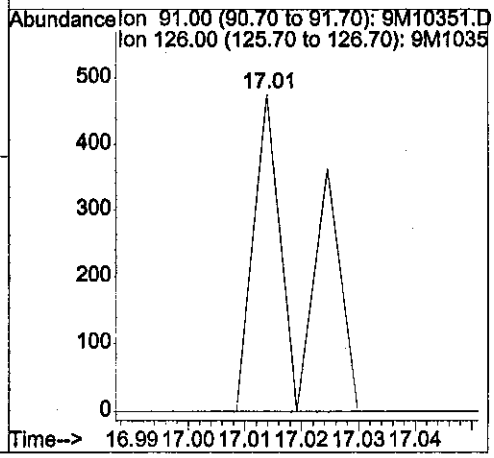


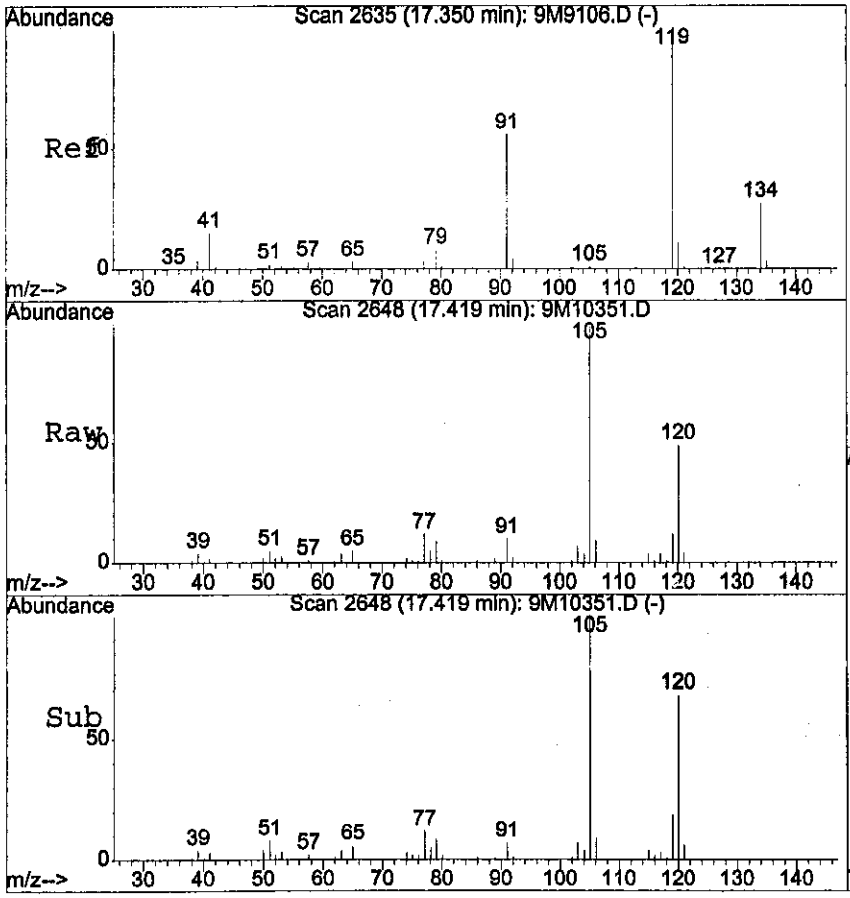


#73
4-Chlorotoluene
Concen: 3.85 ug/L
RT: 17.01 min Scan# 2572
Delta R.T. -0.02 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 91 Resp: 268

Ion	Ratio	Lower	Upper
91	100		
126	0.0	28.6	42.8#

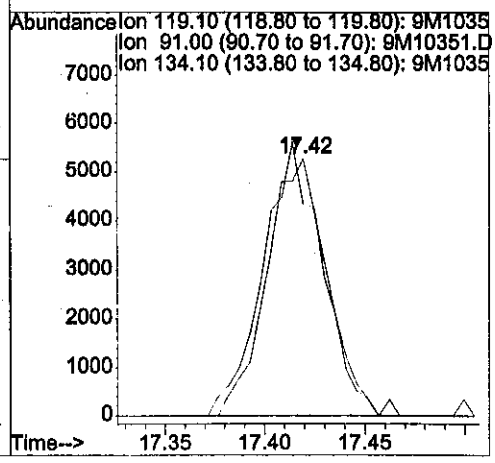


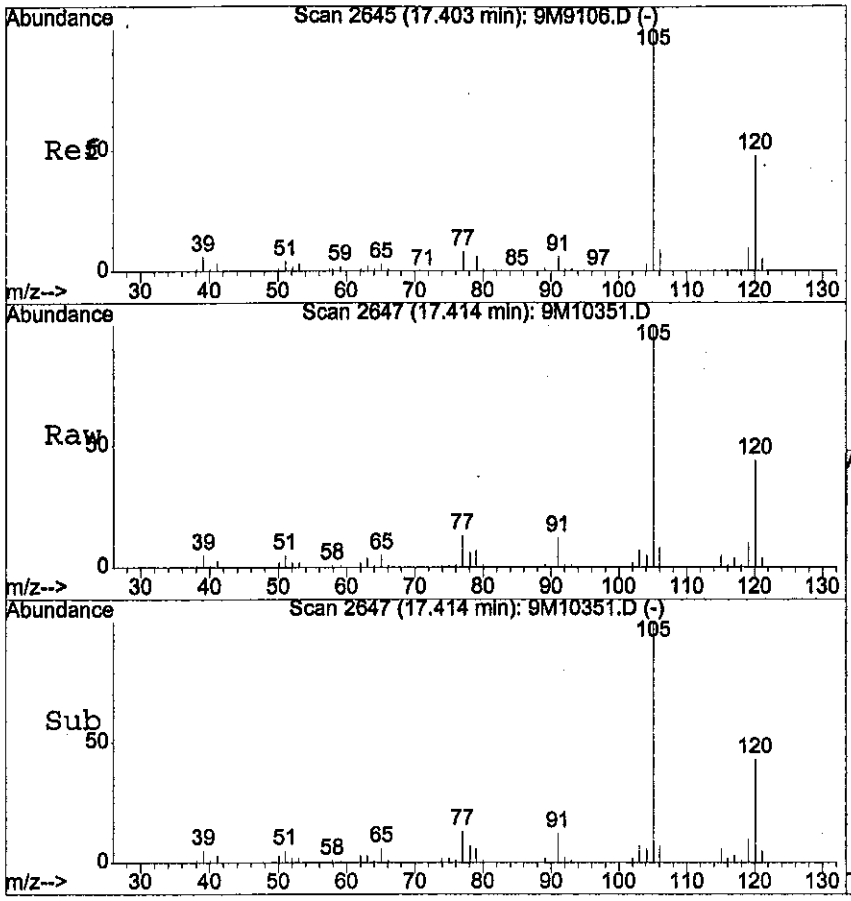


#75
tert-Butylbenzene
Concen: 161.62 ug/L
RT: 17.42 min Scan# 2648
Delta R.T. 0.06 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:119 Resp: 11079

Ion	Ratio	Lower	Upper
119	100		
91	105.5	43.8	65.8#
134	0.0	21.1	31.7#

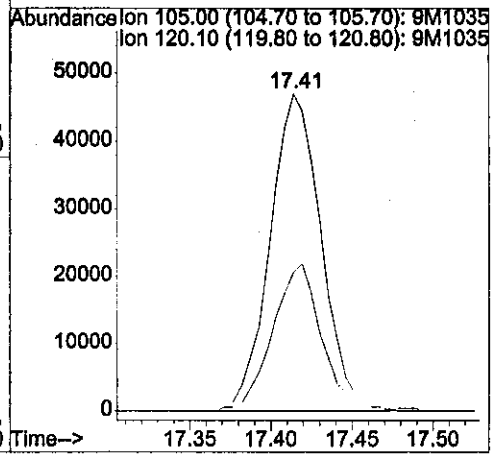


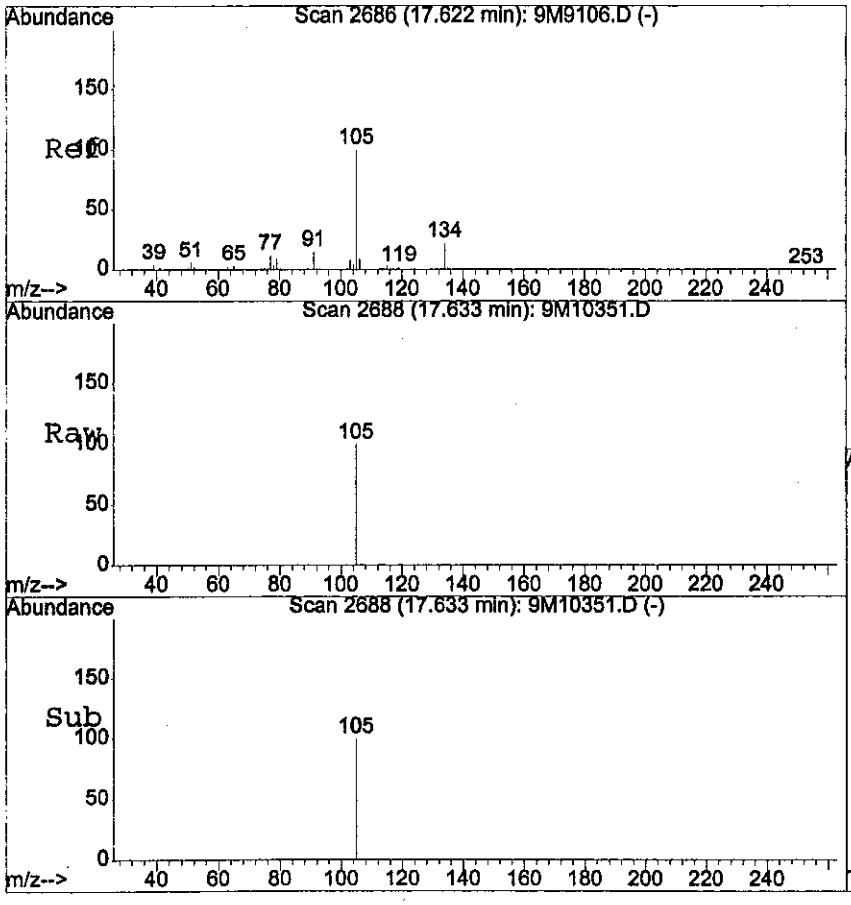


#76
1,2,4-Trimethylbenzene
Concen: 1200.03 ug/L
RT: 17.41 min Scan# 2647
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:105 Resp: 102467

Ion	Ratio	Lower	Upper
105	100		
120	43.9	38.6	57.8

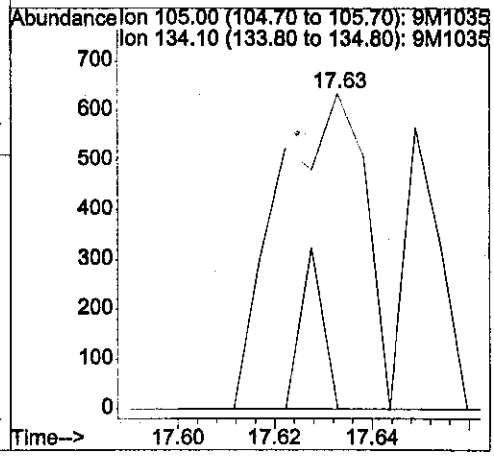


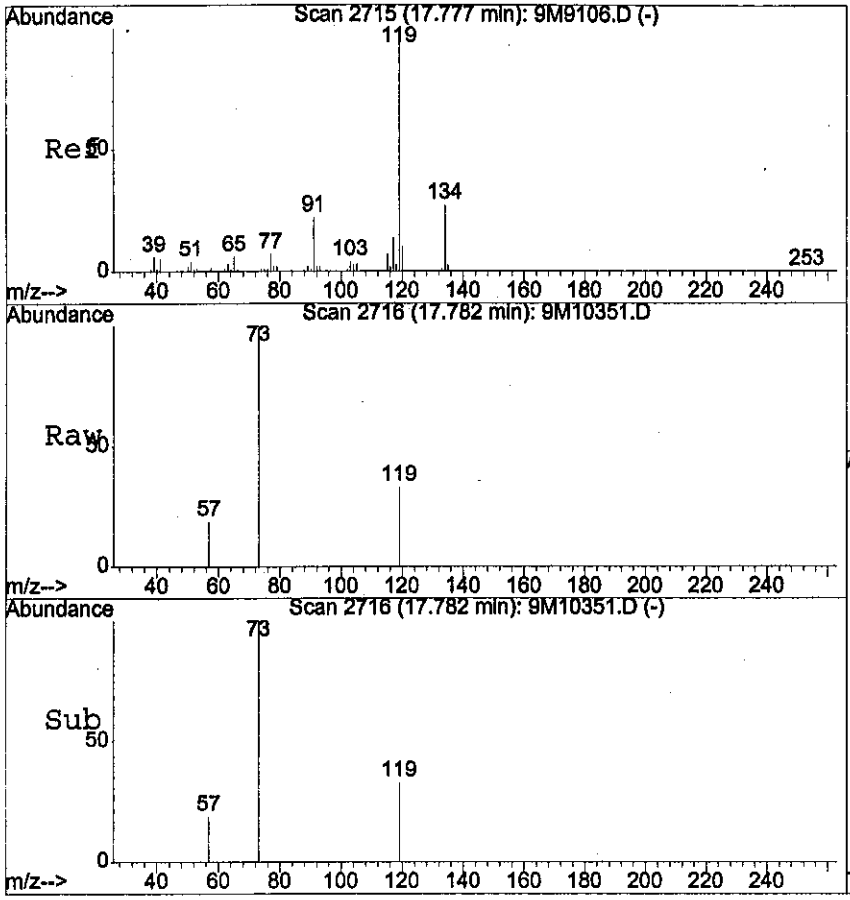


#77
sec-Butylbenzene
Concen: 7.78 ug/L
RT: 17.63 min Scan# 2688
Delta R.T. -0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:105 Resp: 786

Ion	Ratio	Lower	Upper
105	100		
134	13.2	16.8	25.2#

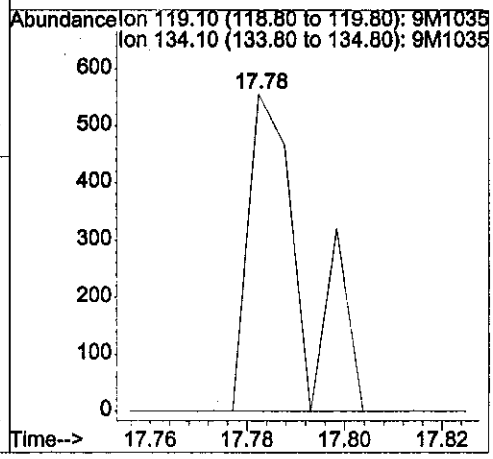


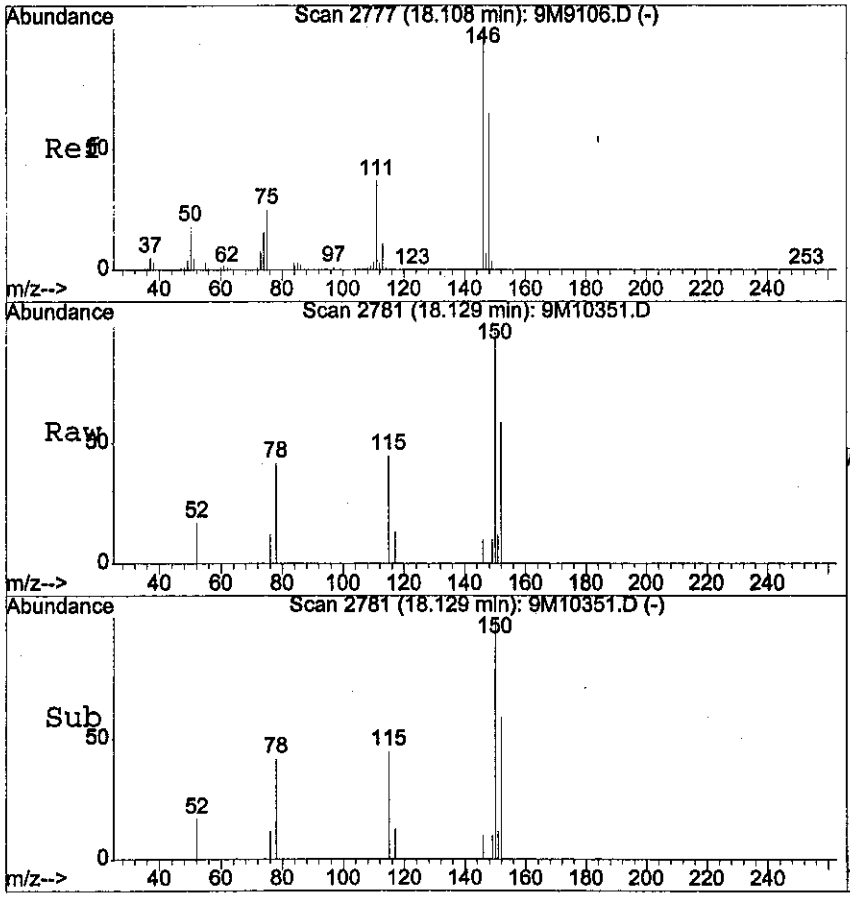


#78
p-Isopropyltoluene
Concen: 4.58 ug/L
RT: 17.78 min Scan# 2716
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:119 Resp: 430

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#

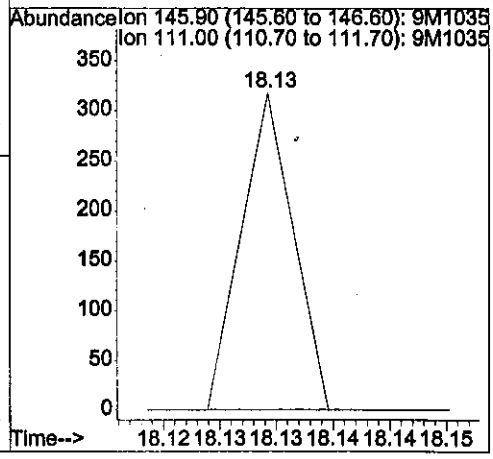


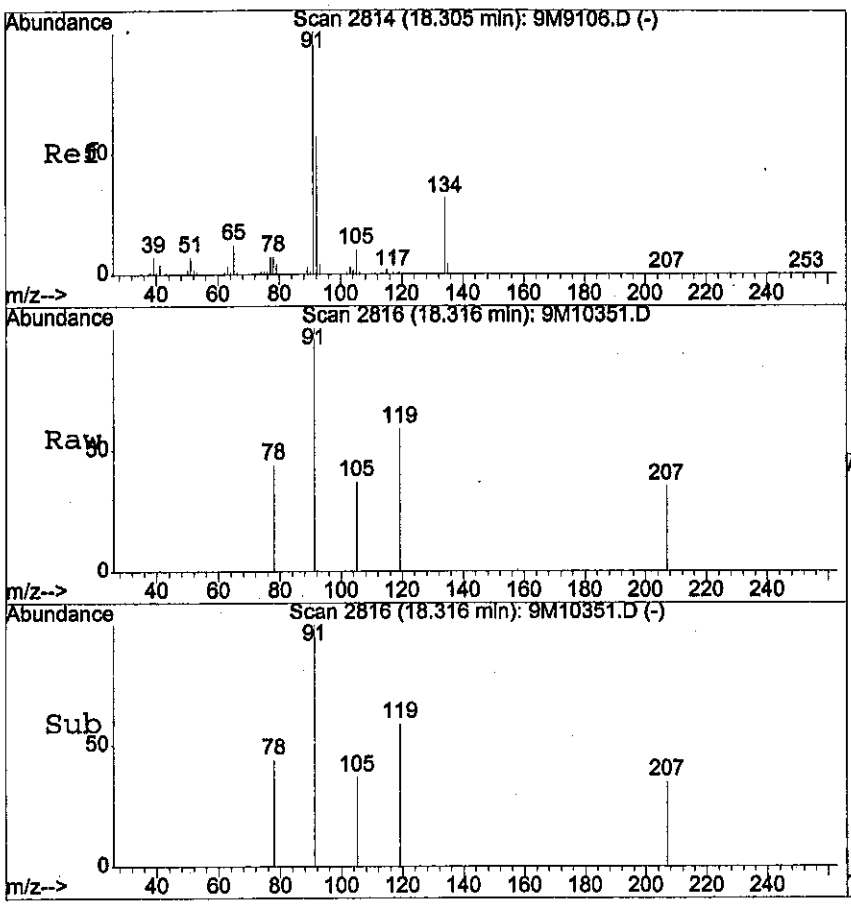


#80
1,4-Dichlorobenzene
Concen: 1.93 ug/L
RT: 18.13 min Scan# 2781
Delta R.T. 0.02 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:146 Resp: 102

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.9	46.3#

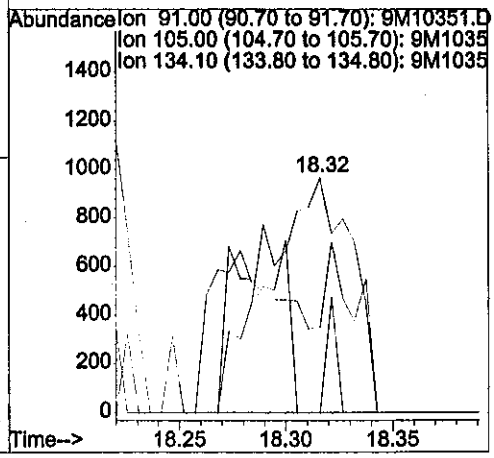


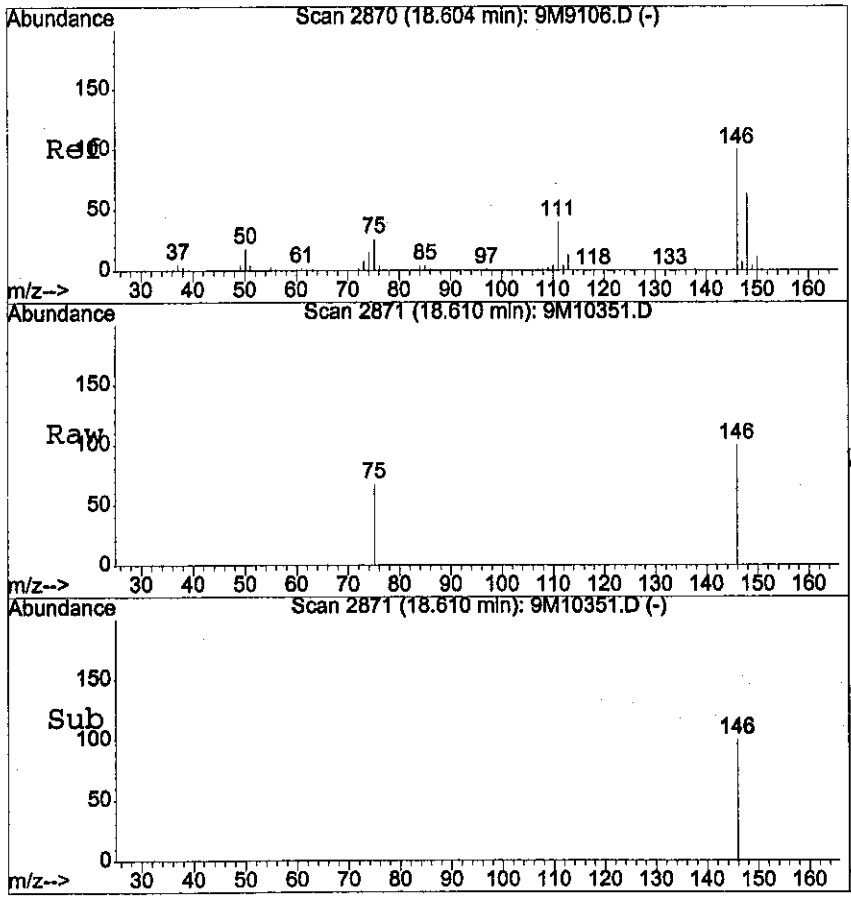


#81
n-Butylbenzene
Concen: 32.45 ug/L
RT: 18.32 min Scan# 2816
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion: 91 Resp: 2702

Ion	Ratio	Lower	Upper
91	100		
105	28.9	7.8	11.6#
134	5.6	23.4	35.2#

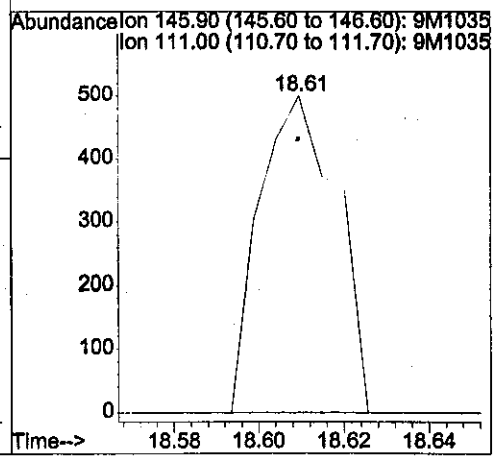


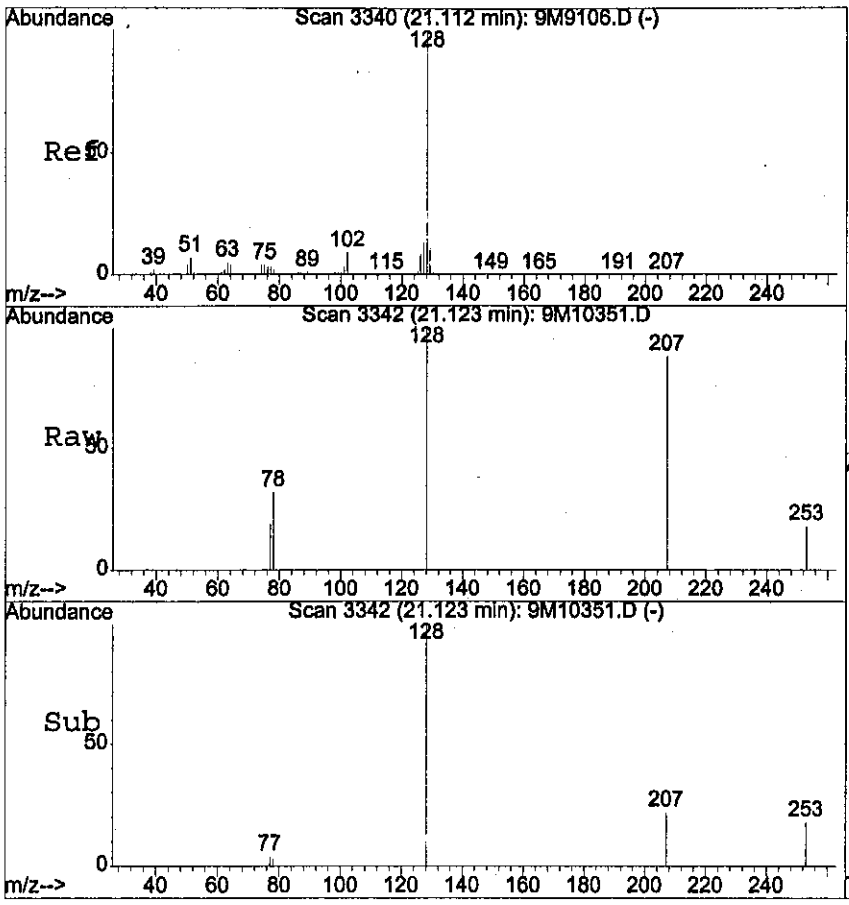


#82
1,2-Dichlorobenzene
Concen: 13.69 ug/L
RT: 18.61 min Scan# 2871
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:146 Resp: 627

Ion	Ratio	Lower	Upper
146	100		
111	0.0	32.2	48.2#

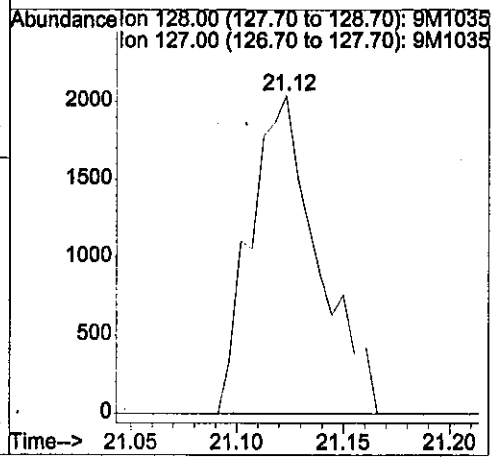


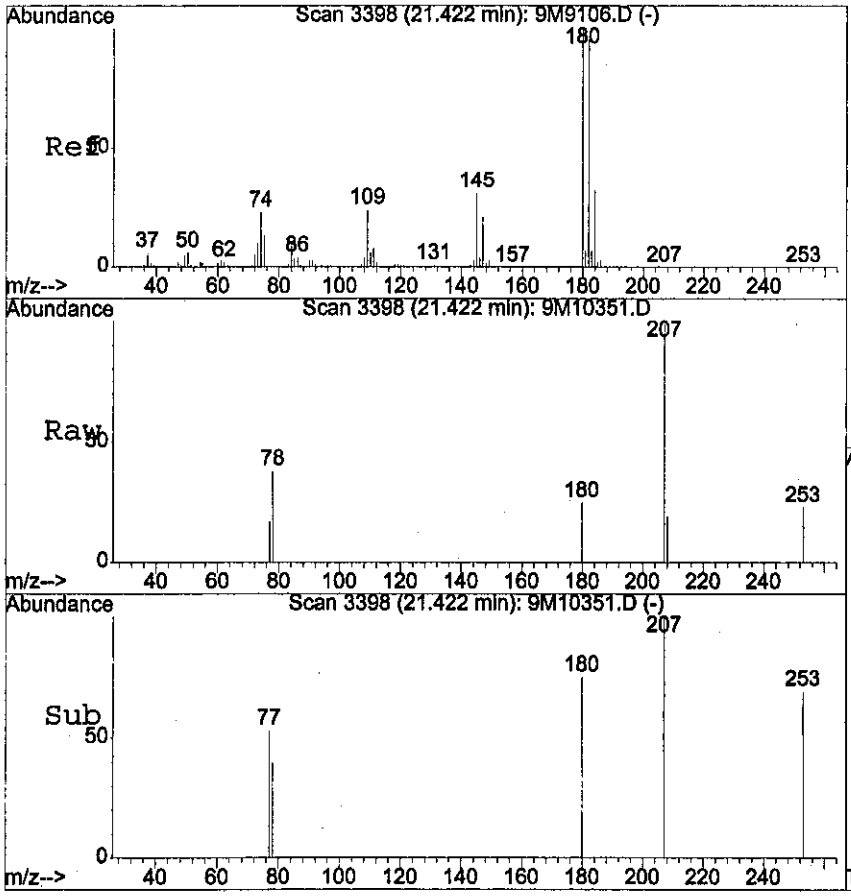


#86
Naphthalene
Concen: 107.22 ug/L
RT: 21.12 min Scan# 3342
Delta R.T. 0.00 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:128 Resp: 4477

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#

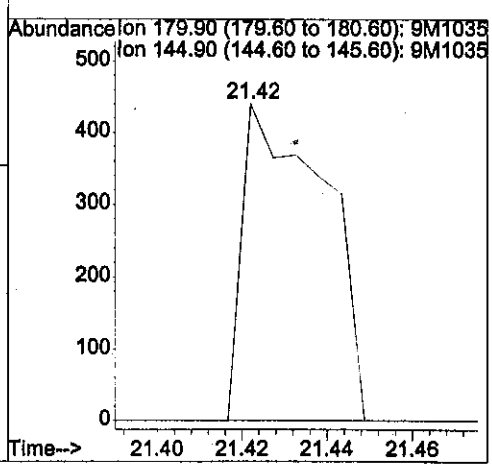




#87
1,2,3-Trichlorobenzene
Concen: 25.01 ug/L
RT: 21.42 min Scan# 3398
Delta R.T. -0.01 min
Lab File: 9M10351.D
Acq: 29 Jun 2000 11:34

Tgt Ion:180 Resp: 585

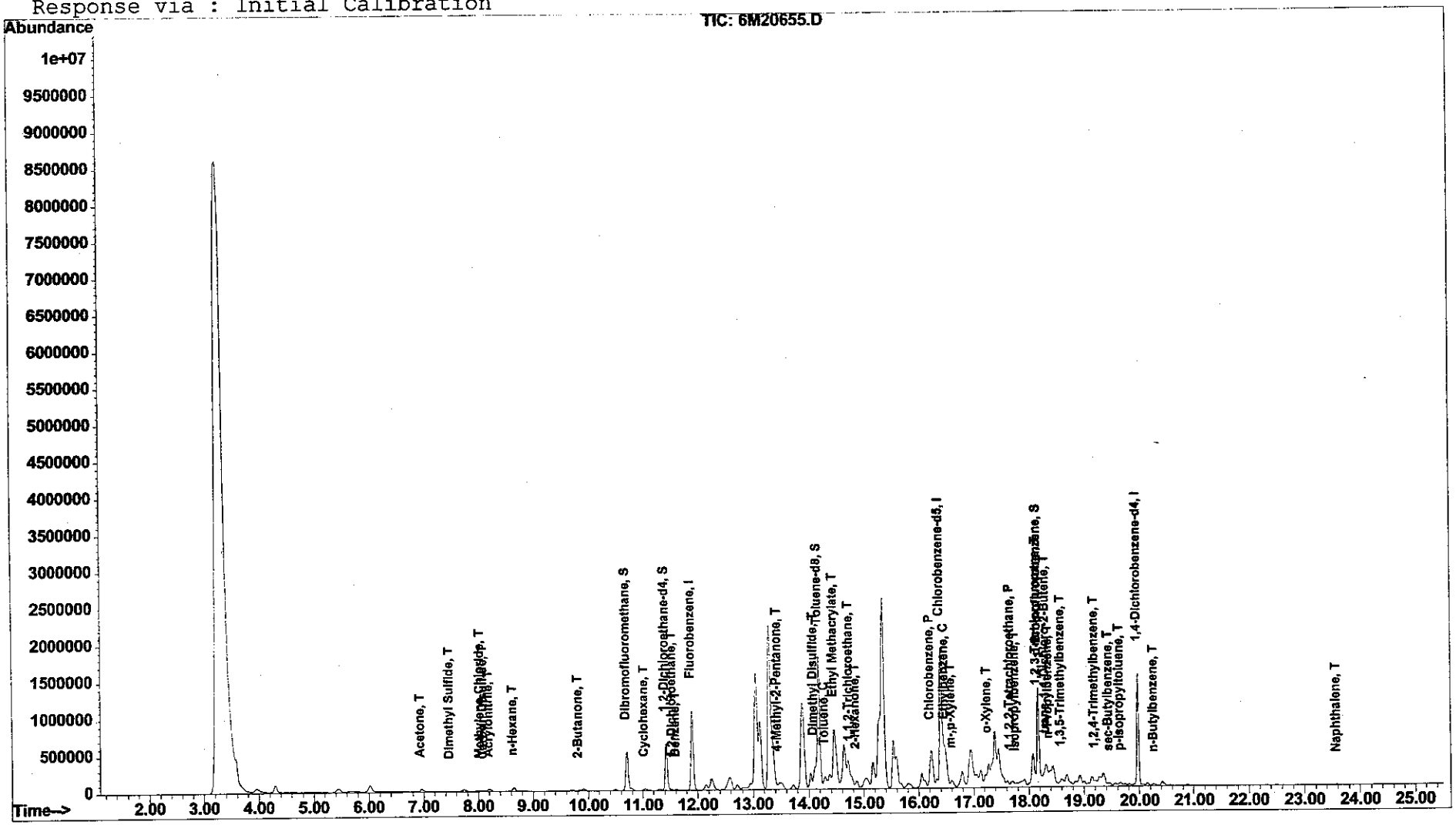
Ion	Ratio	Lower	Upper
180	100		
145	0.0	25.8	38.8#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20655.D Vial: 16
Acq On : 19 Jun 2000 17:17 Operator: CMS
Sample : L0006193-12 A IT CORP 826-SPE-VO 6.3G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:42 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



440

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20655.D Vial: 16
Acq On : 19 Jun 2000 17:17 Operator: CMS
Sample : L0006193-12 A IT CORP 826-SPE-VO 6.3G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:42 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1425383	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1110077	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	554424	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	475700	44.47	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.94%			
33) 1,2-Dichloroethane-d4	11.42	65	615977	47.96	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.92%			
45) Toluene-d8	14.19	98	1543408	46.71	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 93.42%			
66) p-Bromofluorobenzene	18.17	95	648422	52.21	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 104.42%			
Target Compounds						Qvalue
11) Acetone	6.95	43	74626	22.84	ug/kg#	66
13) Dimethyl Sulfide	7.49	62	5124	0.44	ug/kg#	1
15) Methylene Chloride	8.04	84	5141	0.60	ug/kg#	69J
16) Carbon Disulfide	8.10	76	8047	0.23	ug/kg#	90
17) Acrylonitrile	8.21	53	1434	0.29	ug/kg#	12
20) n-Hexane	8.66	57	44258	2.11	ug/kg	97
23) 2-Butanone	9.83	43	24126	3.59	ug/kg#	90
30) Cyclohexane	11.04	56	25005	1.04	ug/kg#	78
34) 1,2-Dichloroethane	11.56	62	4015	0.22	ug/kg#	92
35) Benzene	11.61	78	20871	0.56	ug/kg#	88J
41) 4-Methyl-2-Pentanone	13.45	58	11697	2.86	ug/kg#	1
43) Dimethyl Disulfide	14.10	79	3501	0.42	ug/kg#	50
46) Toluene	14.30	91	35690	0.87	ug/kg	99
47) Ethyl Methacrylate	14.46	69	129729	12.01	ug/kg#	60
49) 1,1,2-Trichloroethane	14.75	97	15686	1.92	ug/kg#	24
50) 2-Hexanone	14.87	43	40826	3.94	ug/kg	98
56) Chlorobenzene	16.22	112	11114	0.39	ug/kg	100
58) Ethylbenzene	16.49	106	6229	0.40	ug/kg	70J
59) m-,p-Xylene	16.60	106	22060	1.11	ug/kg	98J
60) o-Xylene	17.26	106	9043	0.48	ug/kg#	71J
63) Isopropylbenzene	17.77	105	21736	0.44	ug/kg	98
65) 1,1,2,2-Tetrachloroethane	17.68	83	6888	0.77	ug/kg	97
67) 1,2,3-Trichloropropane	18.15	110	1763	0.58	ug/kg#	1
68) trans-1,4-Dichloro-2-Buten	18.33	53	25219	6.89	ug/kg#	19
69) n-Propylbenzene	18.37	91	27502	0.53	ug/kg#	92
71) 1,3,5-Trimethylbenzene	18.60	105	35847	0.97	ug/kg	98
76) 1,2,4-Trimethylbenzene	19.21	105	14118	0.37	ug/kg	99

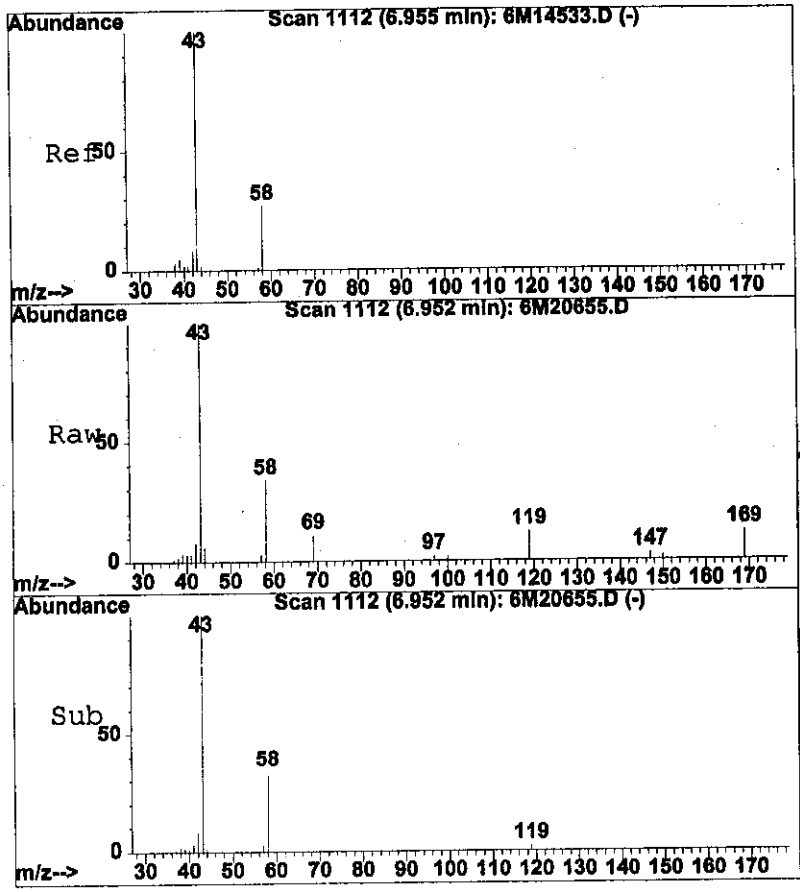
(#) = qualifier out of range (m) = manual integration
6M20655.D 8260PRES.M Mon Jun 19 17:43:16 2000

Data File : C:\HPCHEM\1\DATA\061900\6M20655.D Vial: 16
Acq On : 19 Jun 2000 17:17 Operator: CMS
Sample : L0006193-12 A IT CORP 826-SPE-VO 6.3G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 17:42 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
77) sec-Butylbenzene	19.46	105	15432	0.32 ug/kg	98
78) p-Isopropyltoluene	19.66	119	9674	0.24 ug/kg	94
81) n-Butylbenzene	20.28	91	11669	0.30 ug/kg#	1
86) Naphthalene	23.58	128	12357	0.36 ug/kg#	92

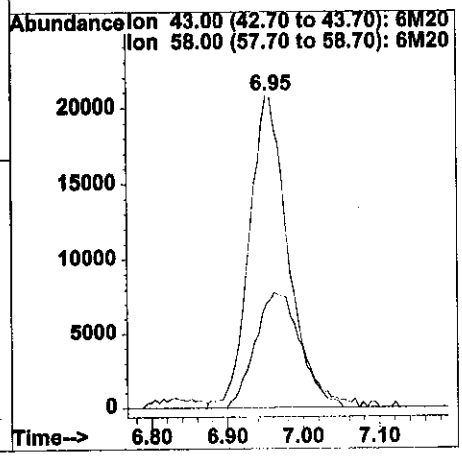
(#) = qualifier out of range (m) = manual integration

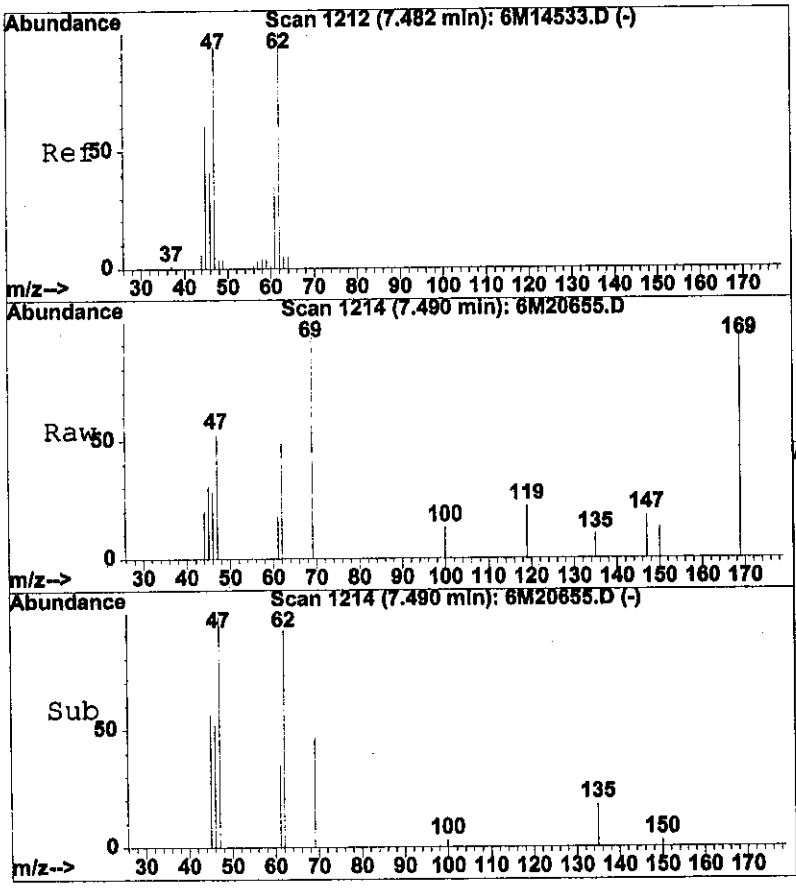


#11
Acetone
Concen: 22.84 ug/kg
RT: 6.95 min Scan# 1112
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 43 Resp: 74626

Ion	Ratio	Lower	Upper
43	100		
58	43.8	21.1	31.7#

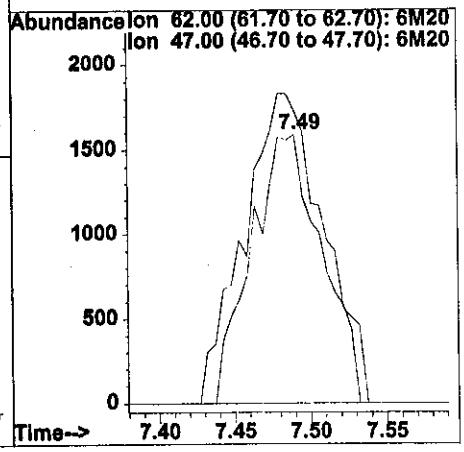


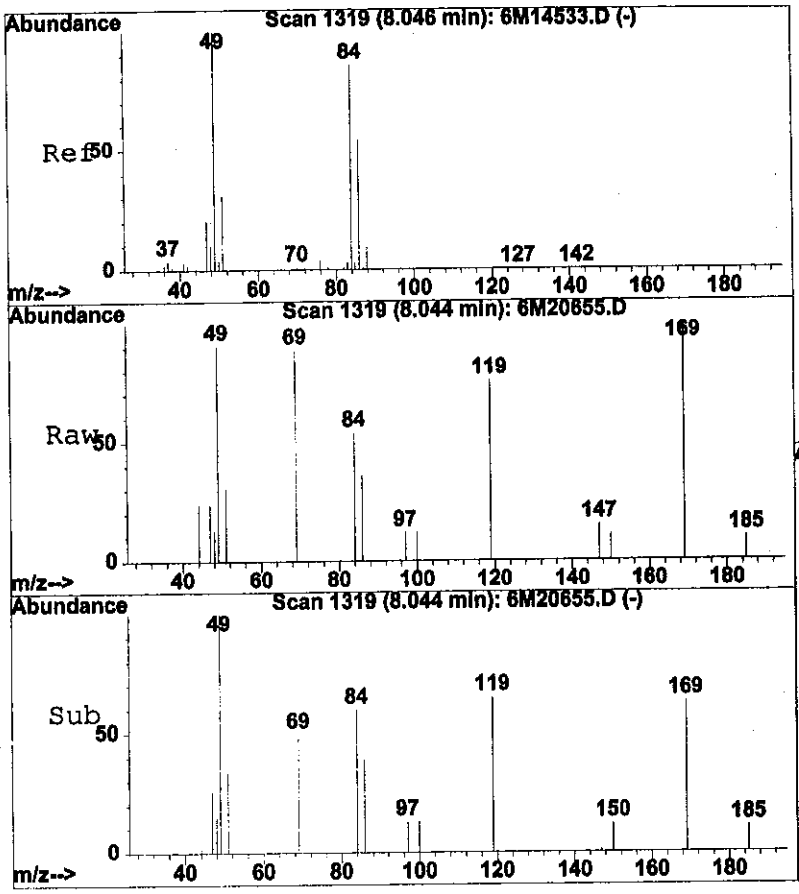


#13
Dimethyl Sulfide
Concen: 0.44 ug/kg
RT: 7.49 min Scan# 1214
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 62 Resp: 5124

Ion	Ratio	Lower	Upper
62	100		
47	130.0	5.8	8.8#

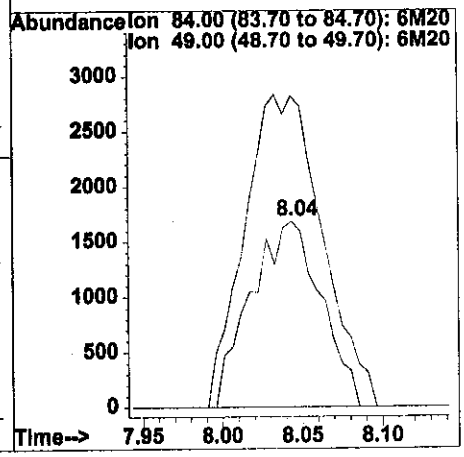


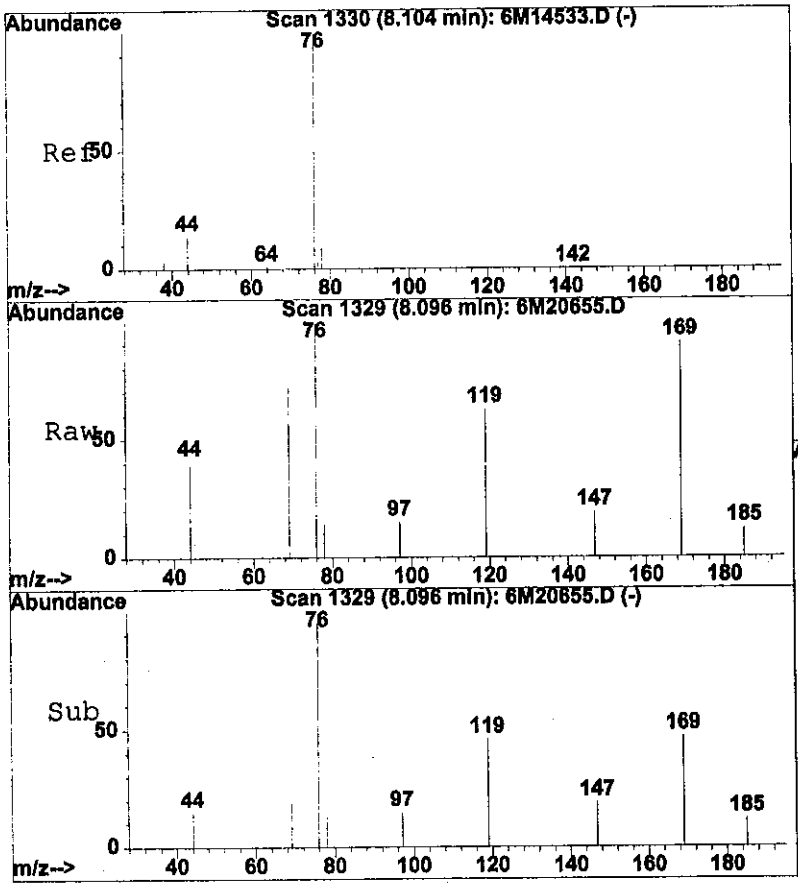


#15
Methylene Chloride
Concen: 0.60 ug/kg
RT: 8.04 min Scan# 1319
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 84 Resp: 5141

Ion	Ratio	Lower	Upper
84	100		
49	186.3	117.8	176.8#

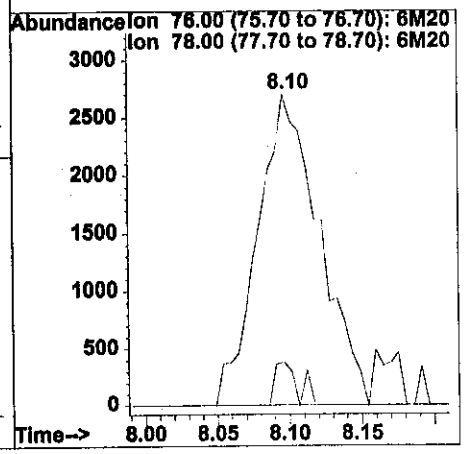


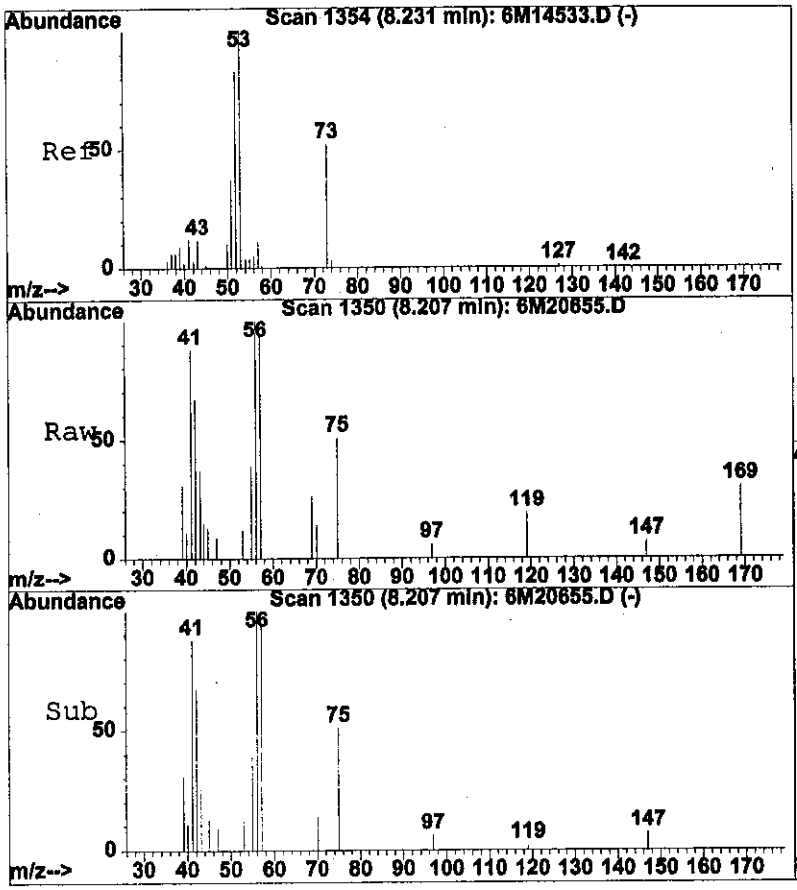


#16
Carbon Disulfide
Concen: 0.23 ug/kg
RT: 8.10 min Scan# 1329
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 76 Resp: 8047

Ion	Ratio	Lower	Upper
76	100		
78	5.3	7.2	10.8#

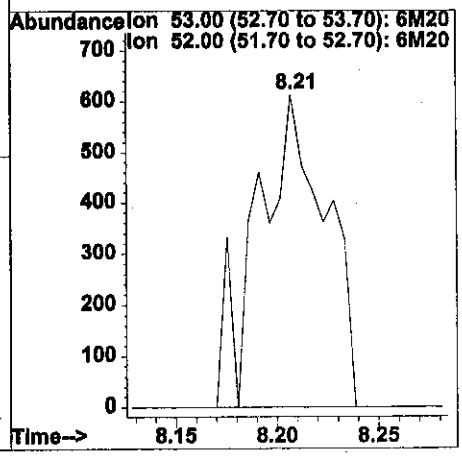


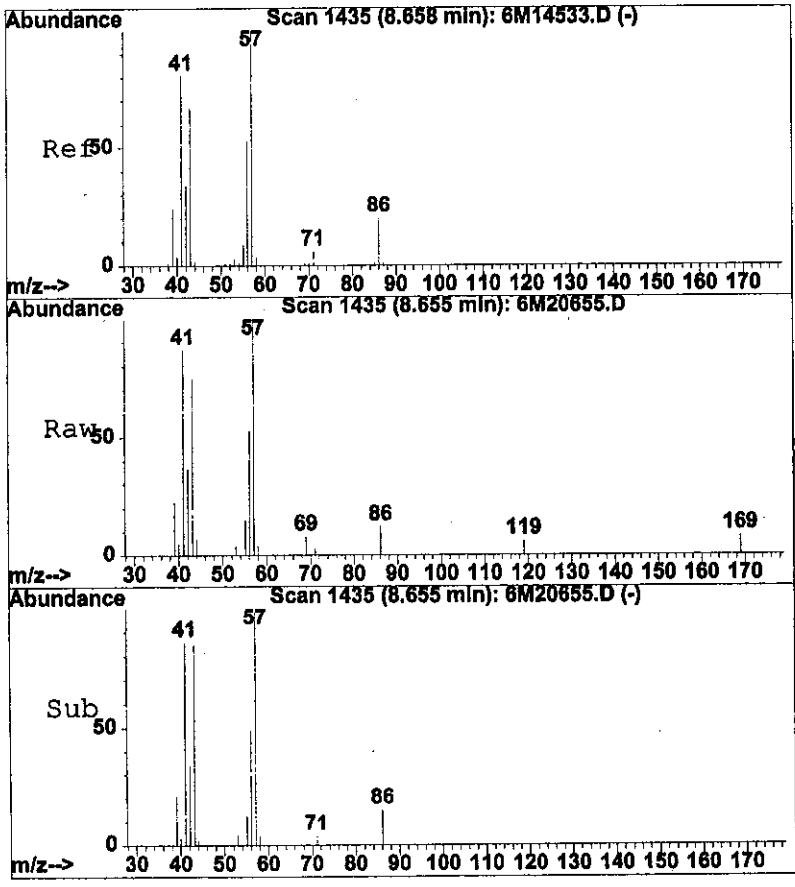


#17
Acrylonitrile
Concen: 0.29 ug/kg
RT: 8.21 min Scan# 1350
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 53 Resp: 1434

Ion	Ratio	Lower	Upper
53	100		
52	0.0	59.8	89.6#

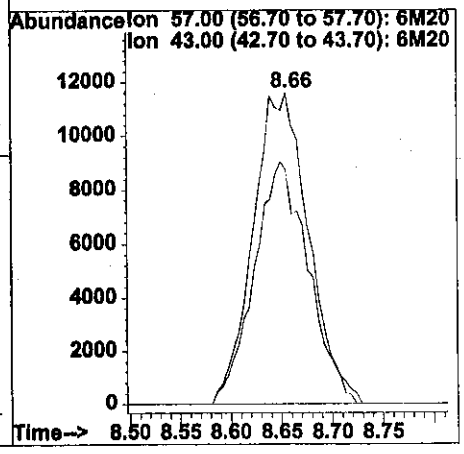


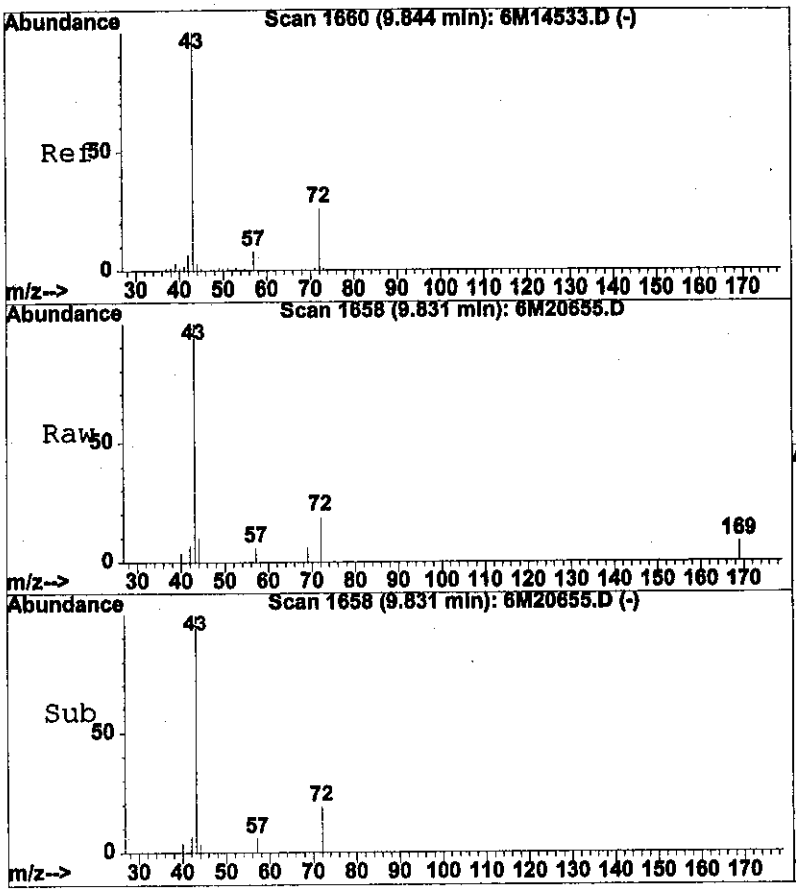


#20
n-Hexane
Concen: 2.11 ug/kg
RT: 8.66 min Scan# 1435
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 57 Resp: 44258

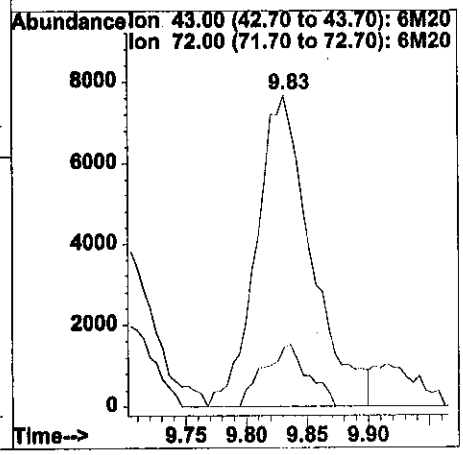
Ion	Ratio	Lower	Upper
57	100		
43	76.4	59.0	88.6

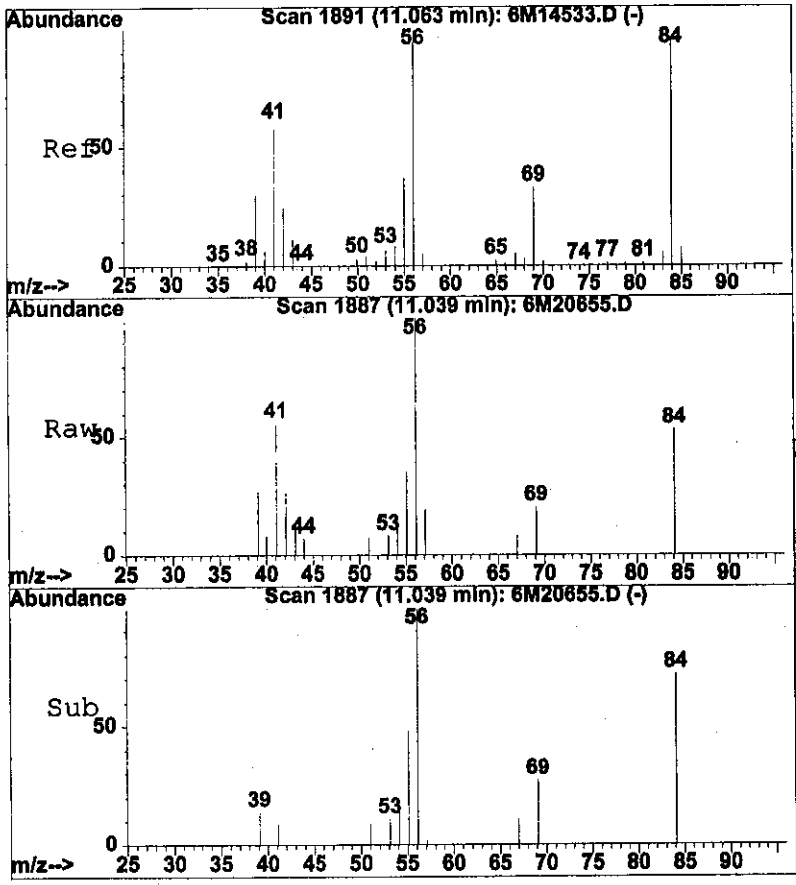




#23
2-Butanone
Concen: 3.59 ug/kg
RT: 9.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

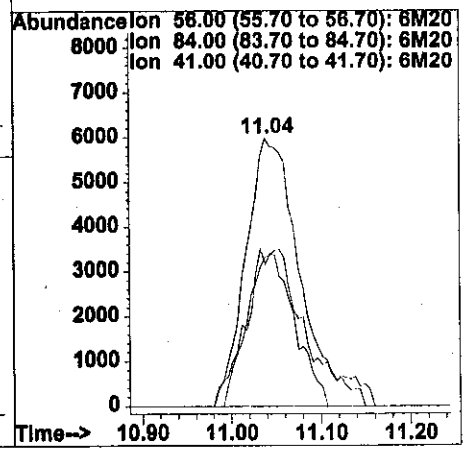
Tgt Ion: 43	Resp:	24126	
Ion	Ratio	Lower	Upper
43	100		
72	15.9	16.2	24.4#

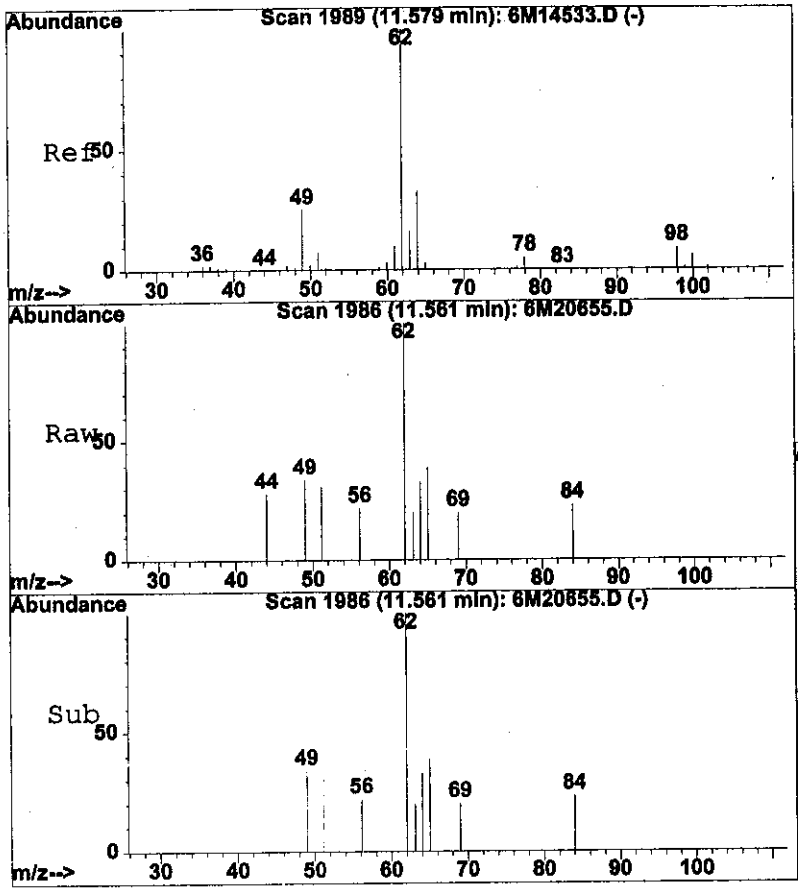




#30
Cyclohexane
Concen: 1.04 ug/kg
RT: 11.04 min Scan# 1887
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 56	Resp:	25005	
Ion	Ratio	Lower	Upper
56	100		
84	50.6	64.1	96.1#
41	60.2	52.9	79.3

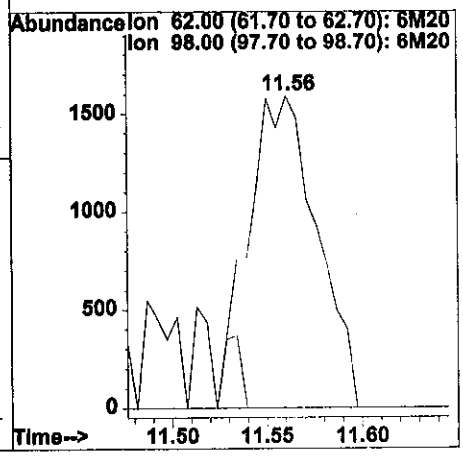


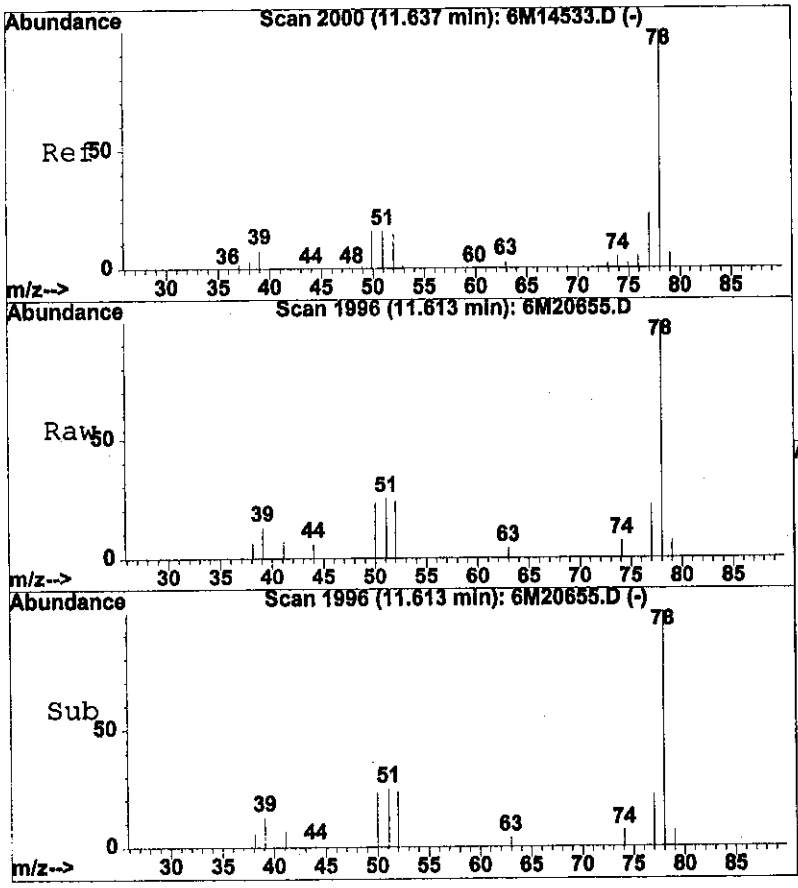


#34
1,2-Dichloroethane
Concen: 0.22 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 62 Resp: 4015

Ion	Ratio	Lower	Upper
62	100		
98	5.7	0.4	0.6#

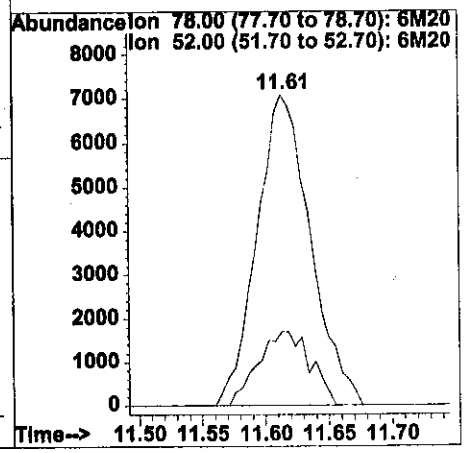


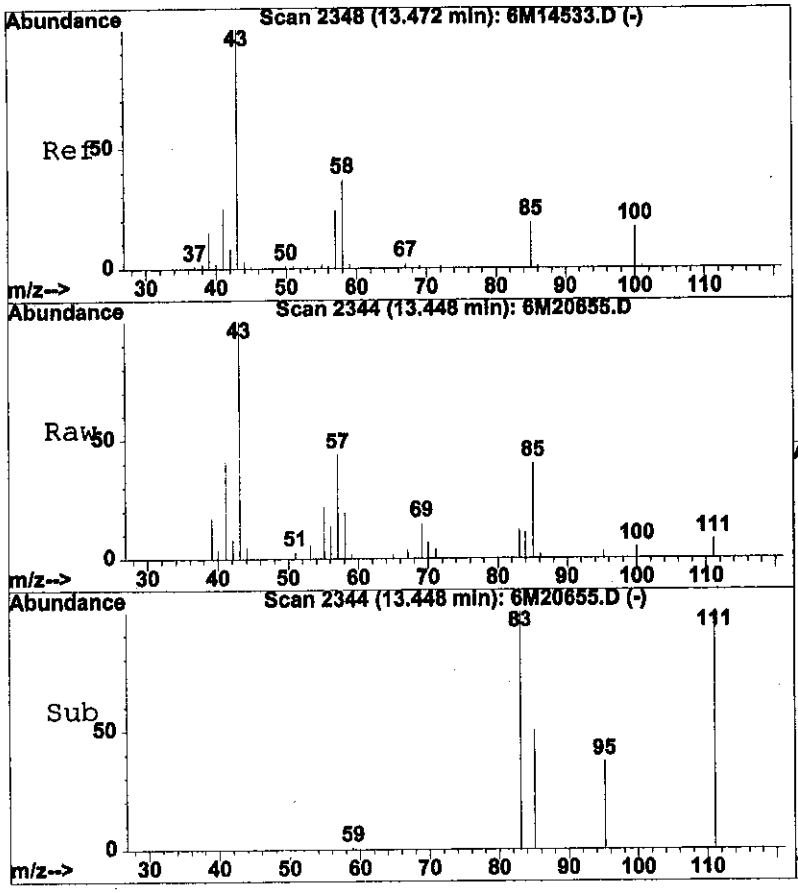


#35
Benzene
Concen: 0.56 ug/kg
RT: 11.61 min Scan# 1996
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 78 Resp: 20871

Ion	Ratio	Lower	Upper
78	100		
52	23.2	14.2	21.4#

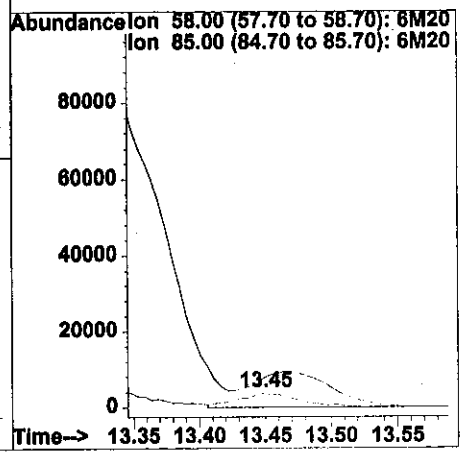


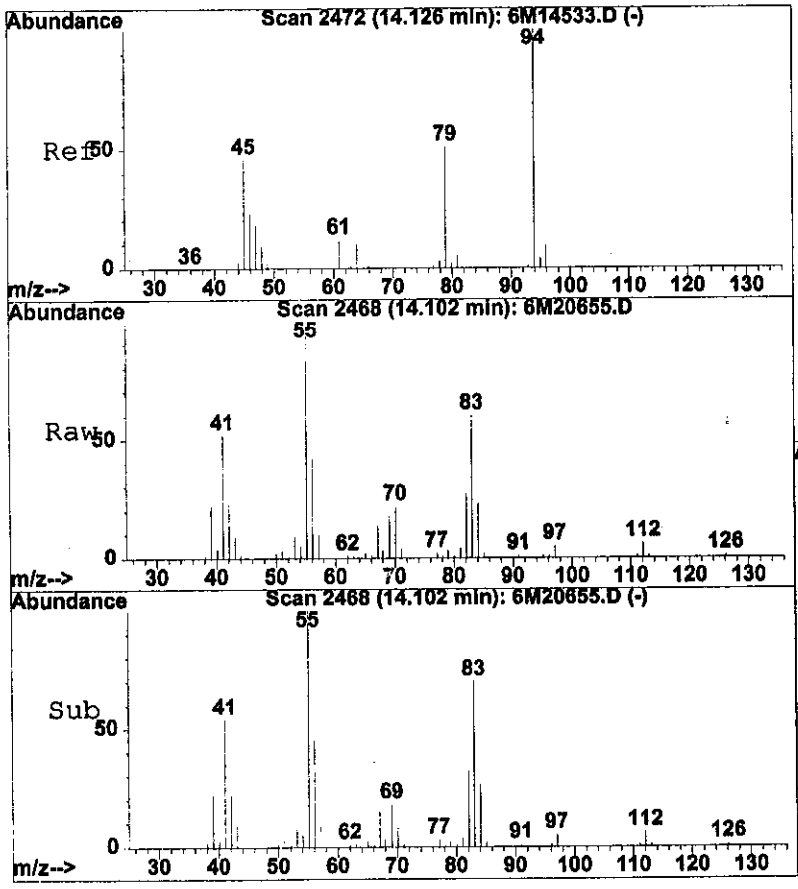


#41
4-Methyl-2-Pentanone
Concen: 2.86 ug/kg
RT: 13.45 min Scan# 2344
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 58 Resp: 11697

Ion	Ratio	Lower	Upper
58	100		
85	314.9	32.2	48.2#

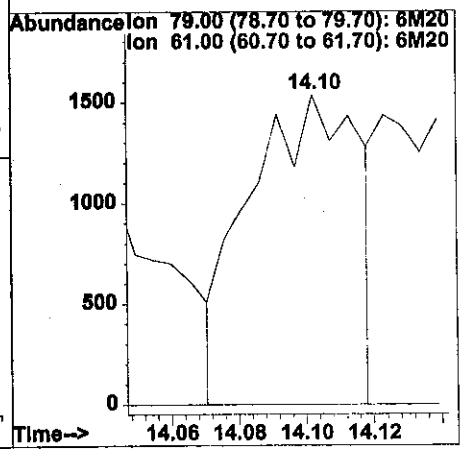


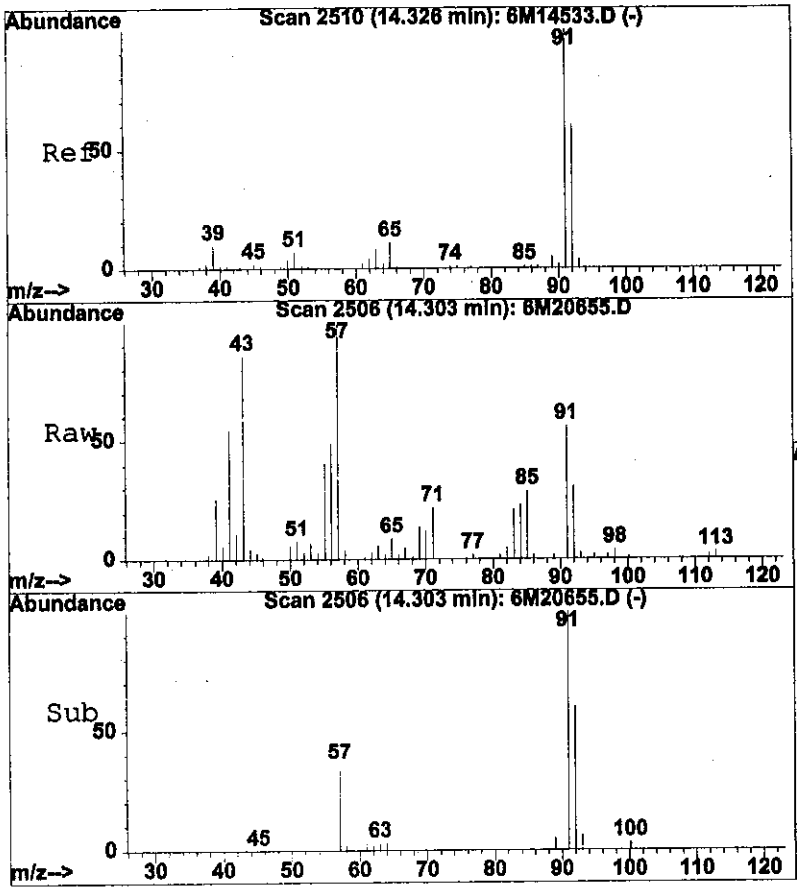


#43
Dimethyl Disulfide
Concen: 0.42 ug/kg
RT: 14.10 min Scan# 2468
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 79 Resp: 3501

Ion	Ratio	Lower	Upper
79	100		
61	0.0	19.9	29.9#

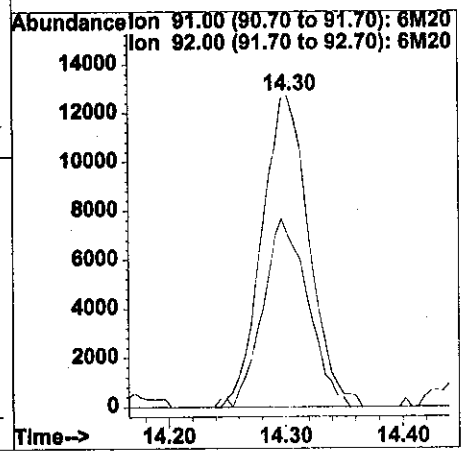


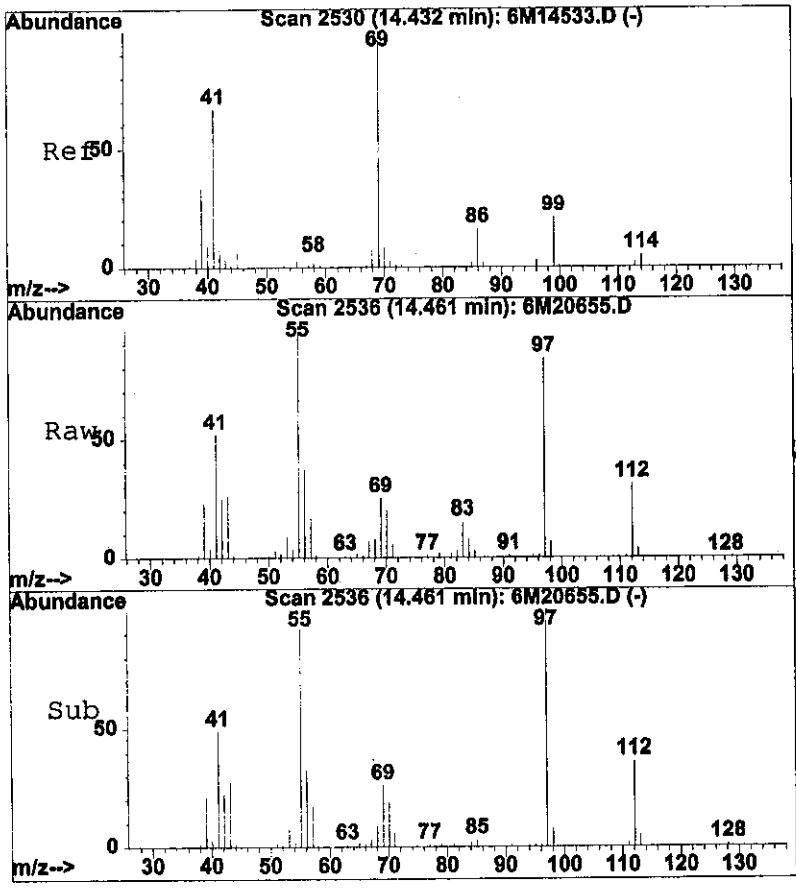


#46
Toluene
Concen: 0.87 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 91 Resp: 35690

Ion	Ratio	Lower	Upper
91	100		
92	57.3	46.6	69.8

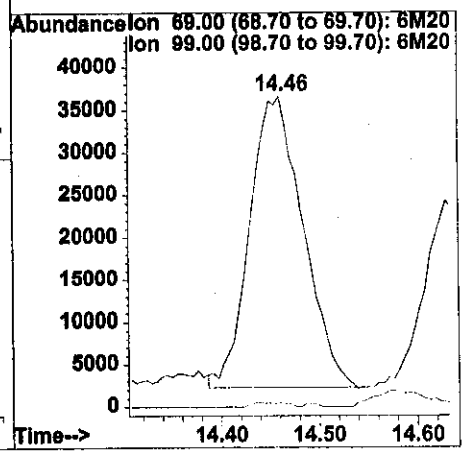


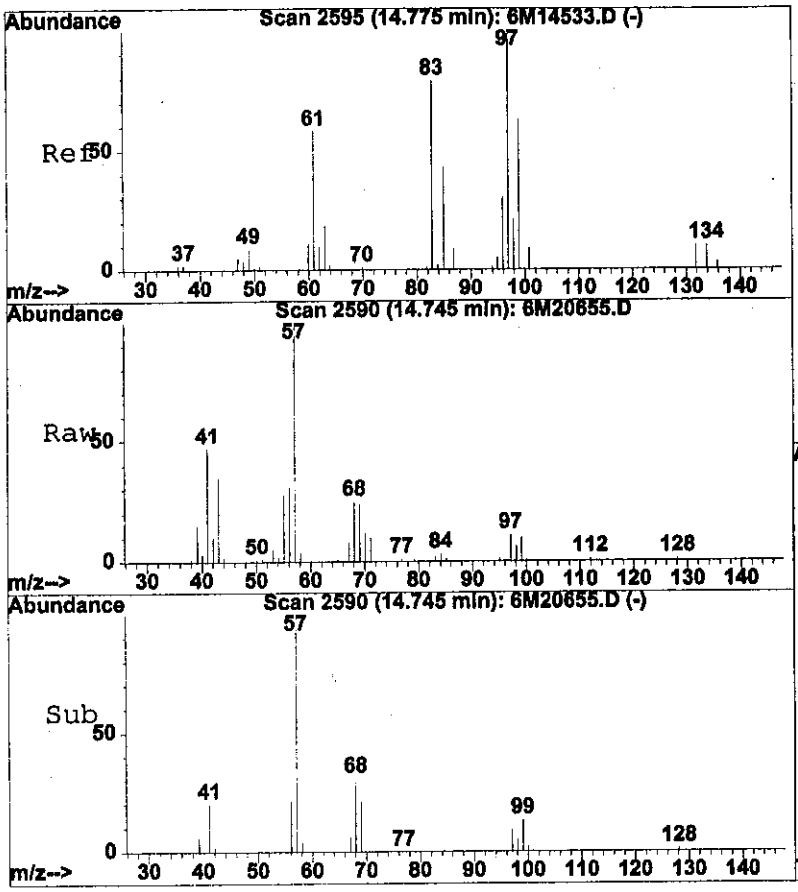


#47
Ethyl Methacrylate
Concen: 12.01 ug/kg
RT: 14.46 min Scan# 2536
Delta R.T. 0.04 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 69 Resp: 129729

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

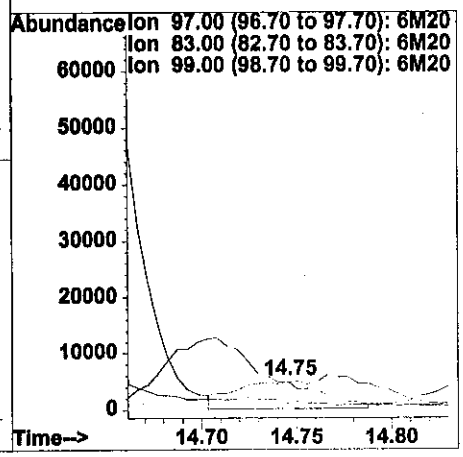


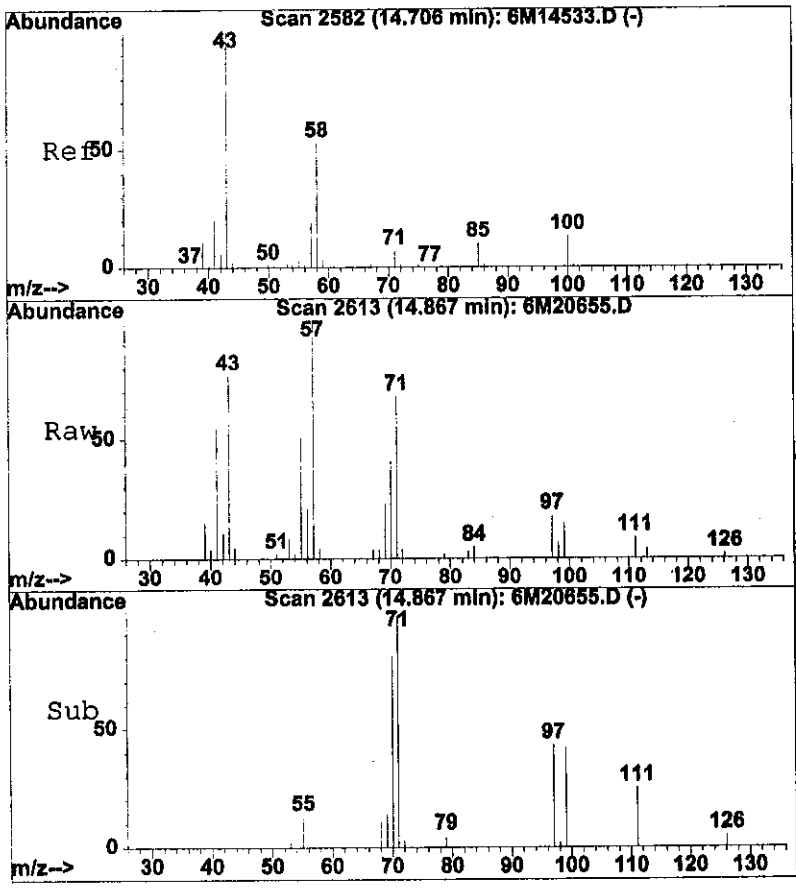


#49
1,1,2-Trichloroethane
Concen: 1.92 ug/kg
RT: 14.75 min Scan# 2590
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 97 Resp: 15686

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
99	100.8	49.8	74.6#

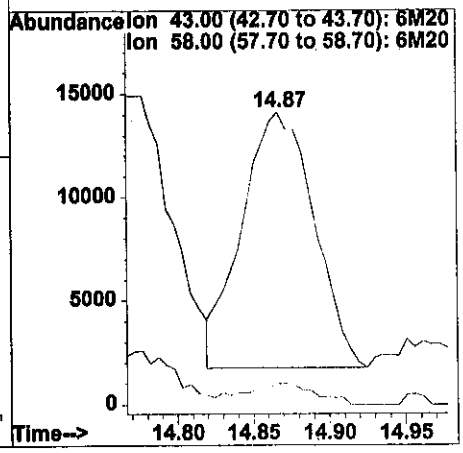


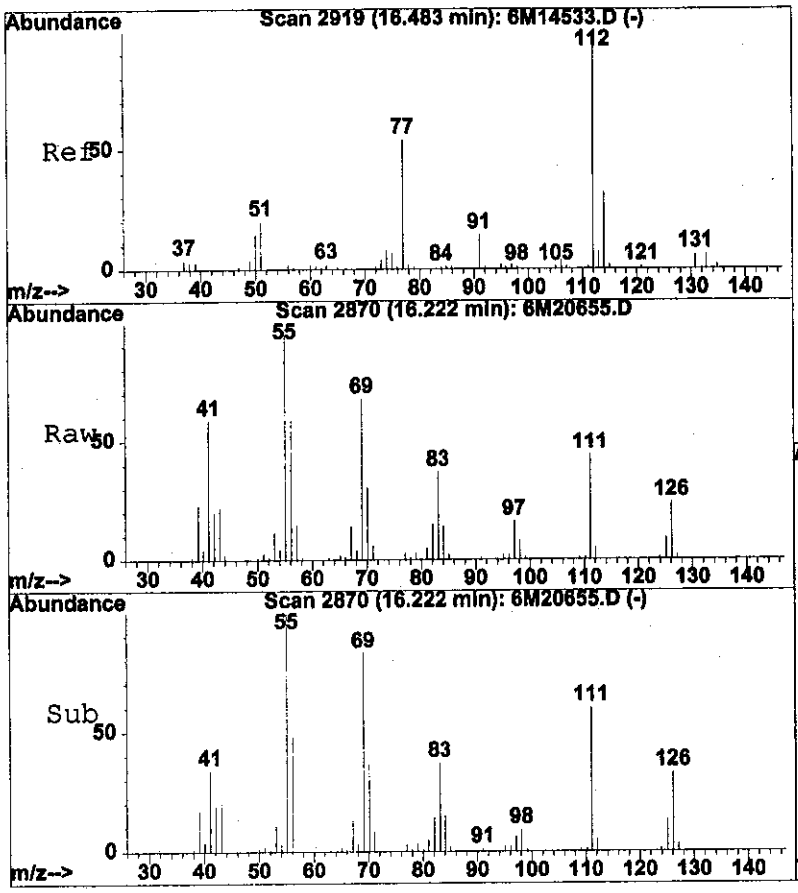


#50
2-Hexanone
Concen: 3.94 ug/kg
RT: 14.87 min Scan# 2613
Delta R.T. 0.18 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 43 Resp: 40826

Ion	Ratio	Lower	Upper
43	100		
58	7.7	5.5	8.3

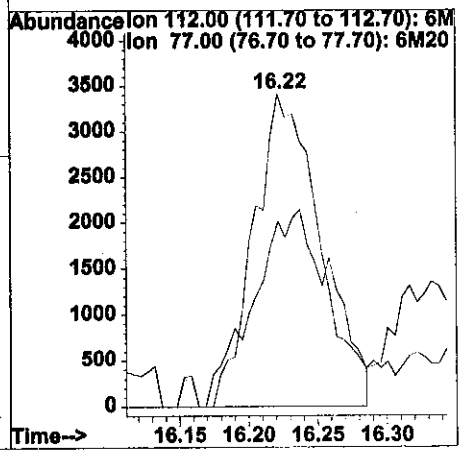


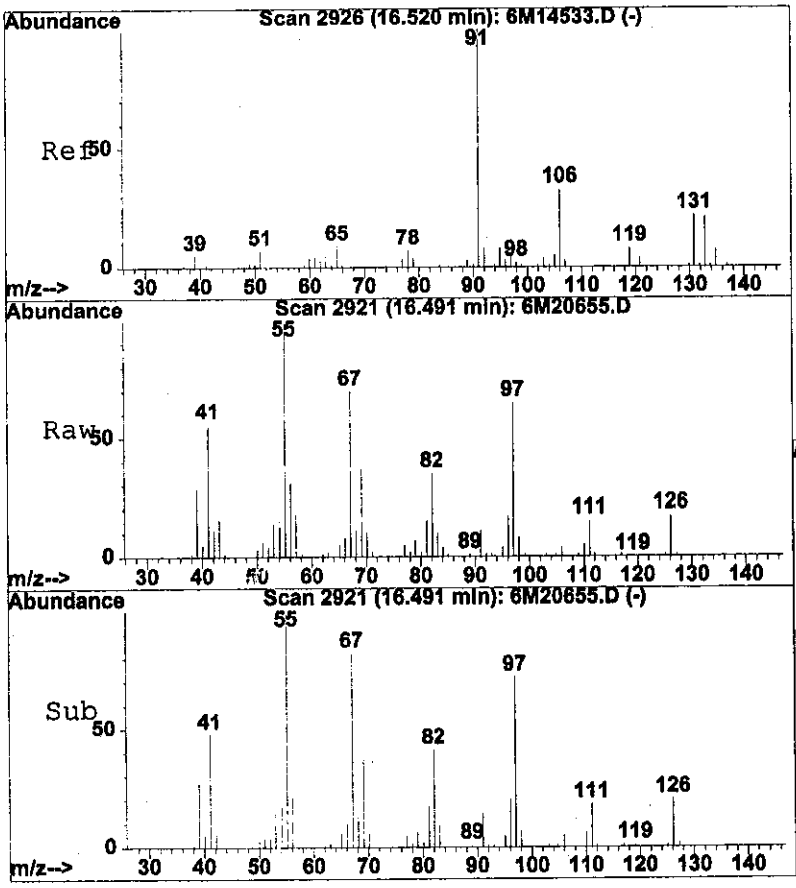


#56
Chlorobenzene
Concen: 0.39 ug/kg
RT: 16.22 min Scan# 2870
Delta R.T. -0.23 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:112 Resp: 11114

Ion	Ratio	Lower	Upper
112	100		
77	81.0	64.9	97.3

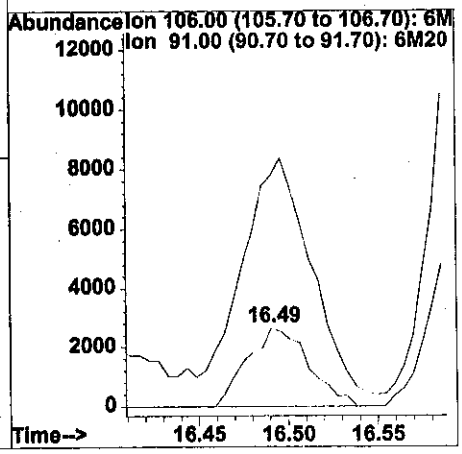


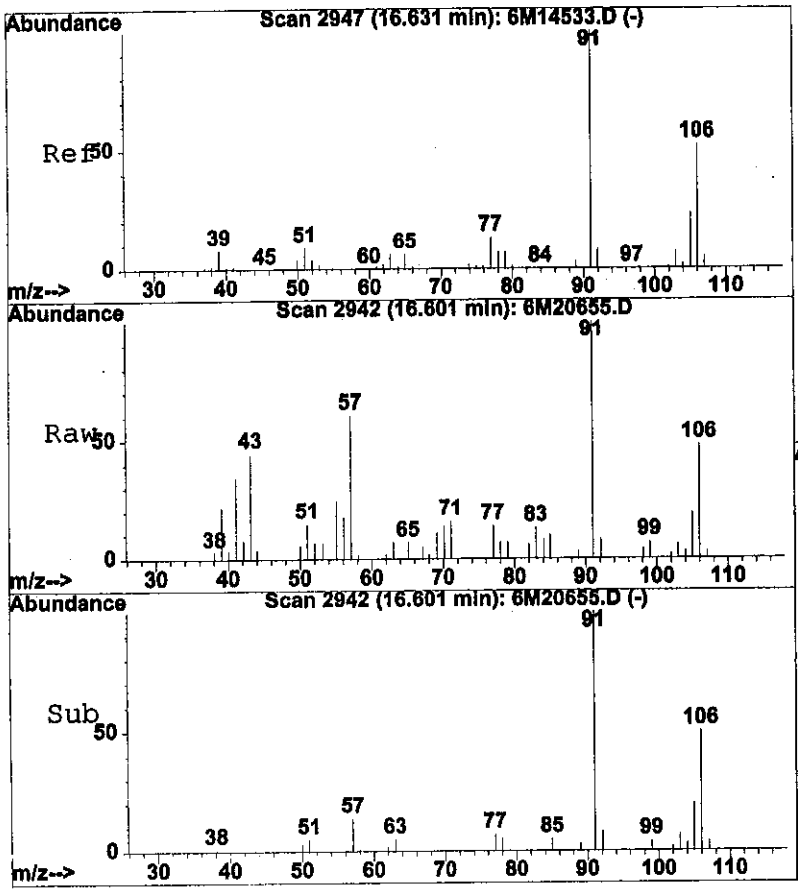


#58
Ethylbenzene
Concen: 0.40 ug/kg
RT: 16.49 min Scan# 2921
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:106 Resp: 6229

Ion	Ratio	Lower	Upper
106	100		
91	387.5	259.6	389.4

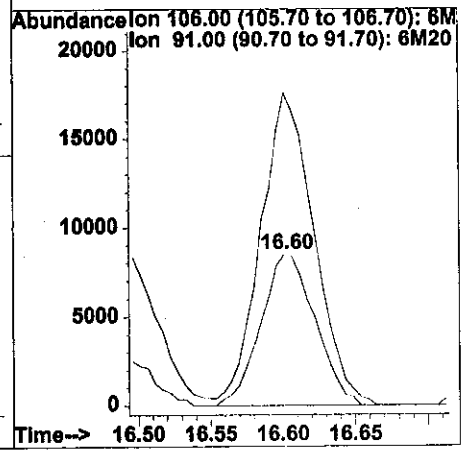


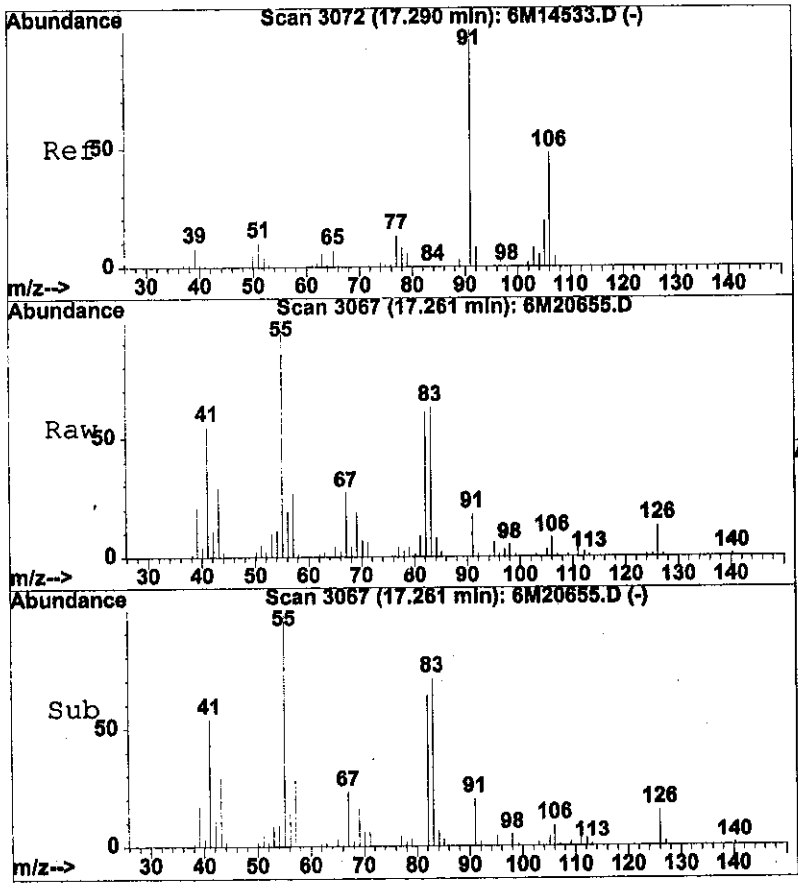


#59
m-,p-Xylene
Concen: 1.11 ug/kg
RT: 16.60 min Scan# 2942
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:106 Resp: 22060

Ion	Ratio	Lower	Upper
106	100		
91	204.2	165.9	248.9

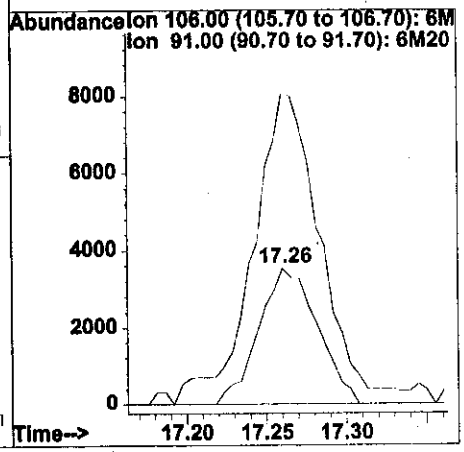


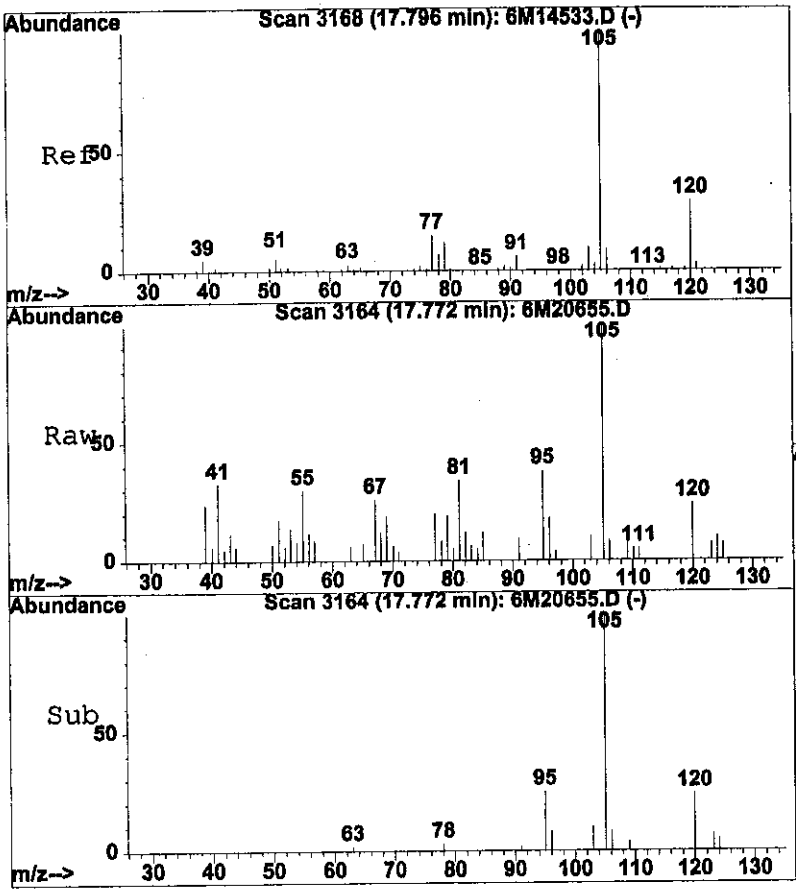


#60
o-Xylene
Concen: 0.48 ug/kg
RT: 17.26 min Scan# 3067
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:106 Resp: 9043

Ion	Ratio	Lower	Upper
106	100		
91	264.6	174.6	262.0#

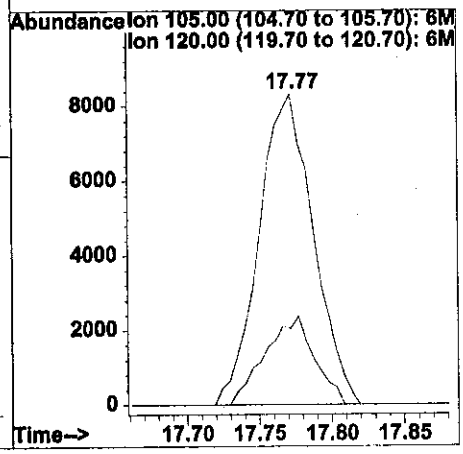


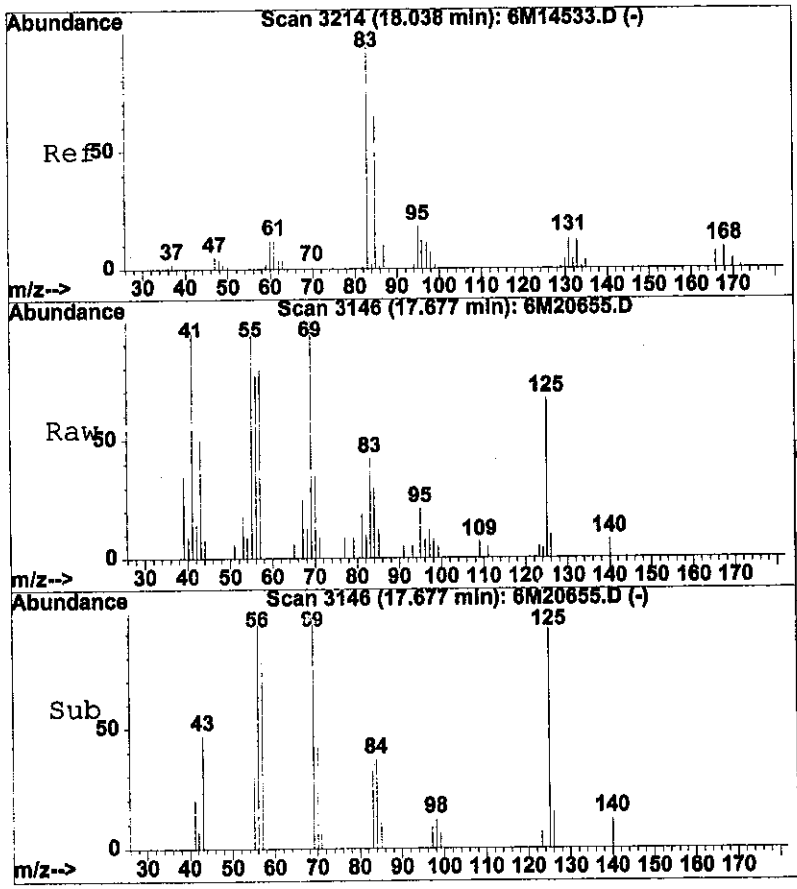


#63
Isopropylbenzene
Concen: 0.44 ug/kg
RT: 17.77 min Scan# 3164
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:105 Resp: 21736

Ion	Ratio	Lower	Upper
105	100		
120	25.8	21.3	31.9

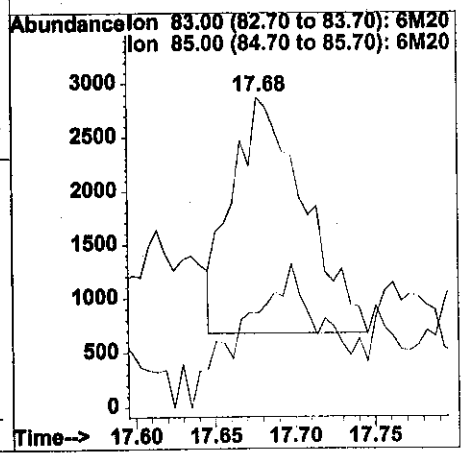


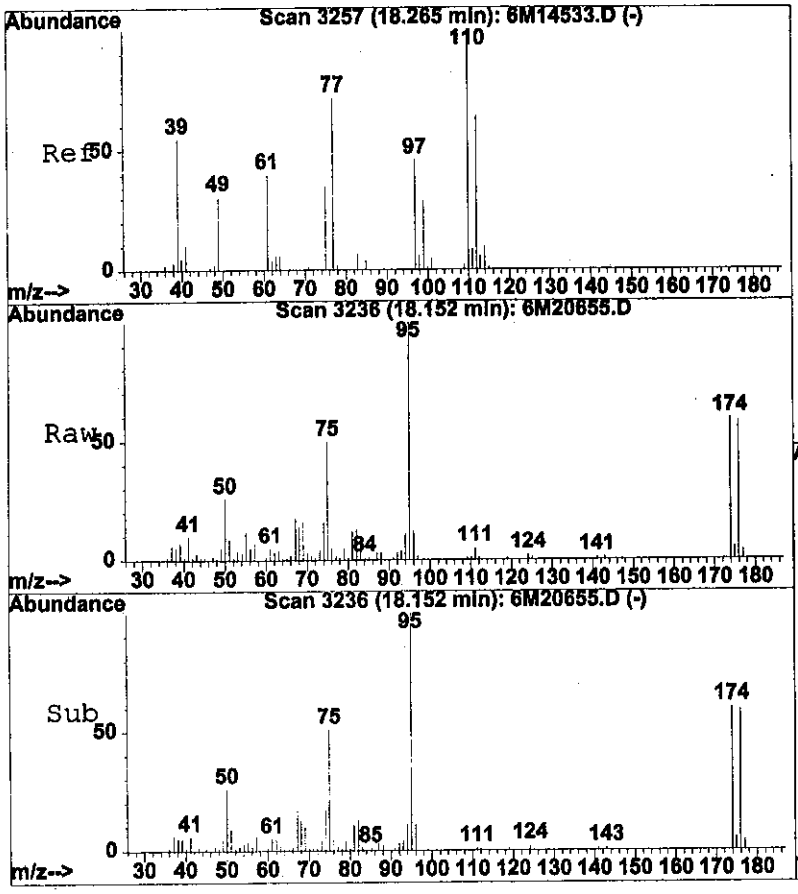


#65
1,1,2,2-Tetrachloroethane
Concen: 0.77 ug/kg
RT: 17.68 min Scan# 3146
Delta R.T. -0.34 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 83 Resp: 6888

Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.0	76.4

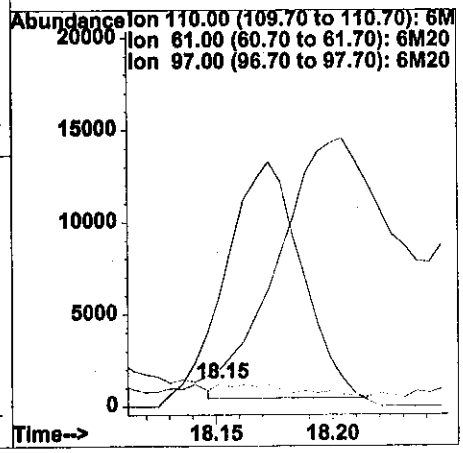


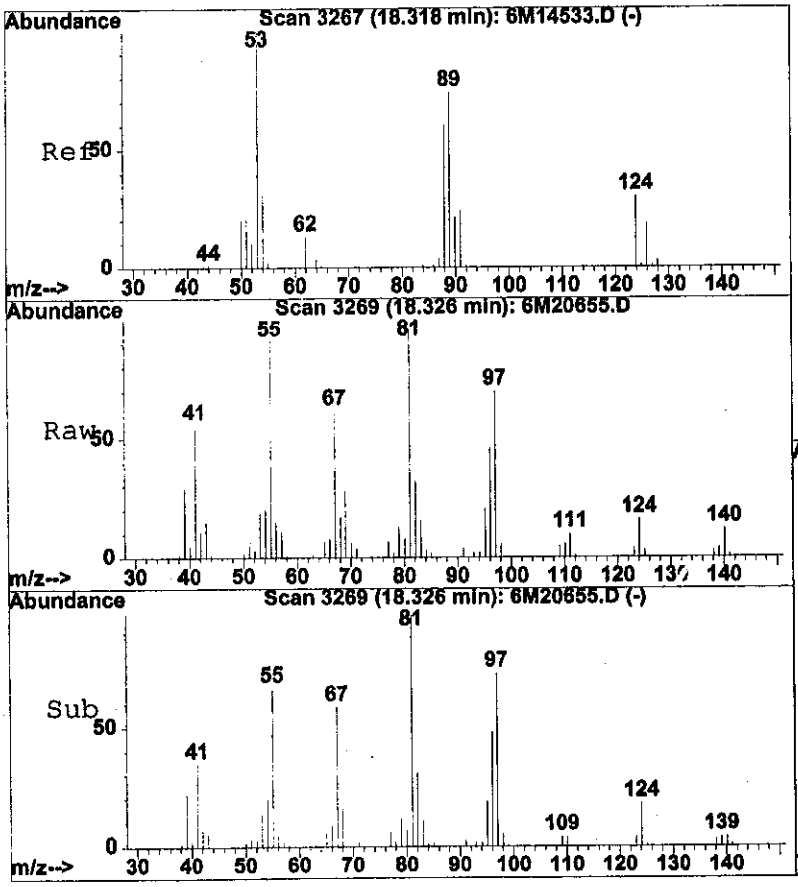


#67
1,2,3-Trichloropropane
Concen: 0.58 ug/kg
RT: 18.15 min Scan# 3236
Delta R.T. -0.08 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:110 Resp: 1763

Ion	Ratio	Lower	Upper
110	100		
61	1755.1	47.3	70.9#
97	0.0	39.7	59.5#

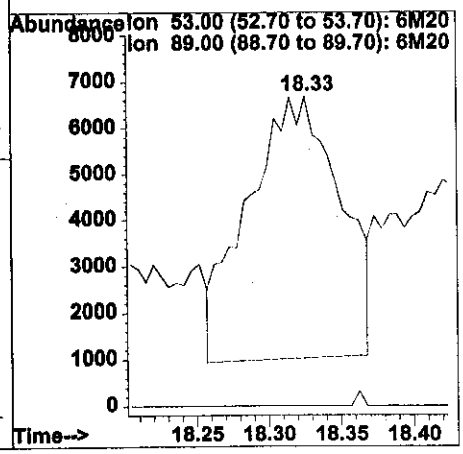


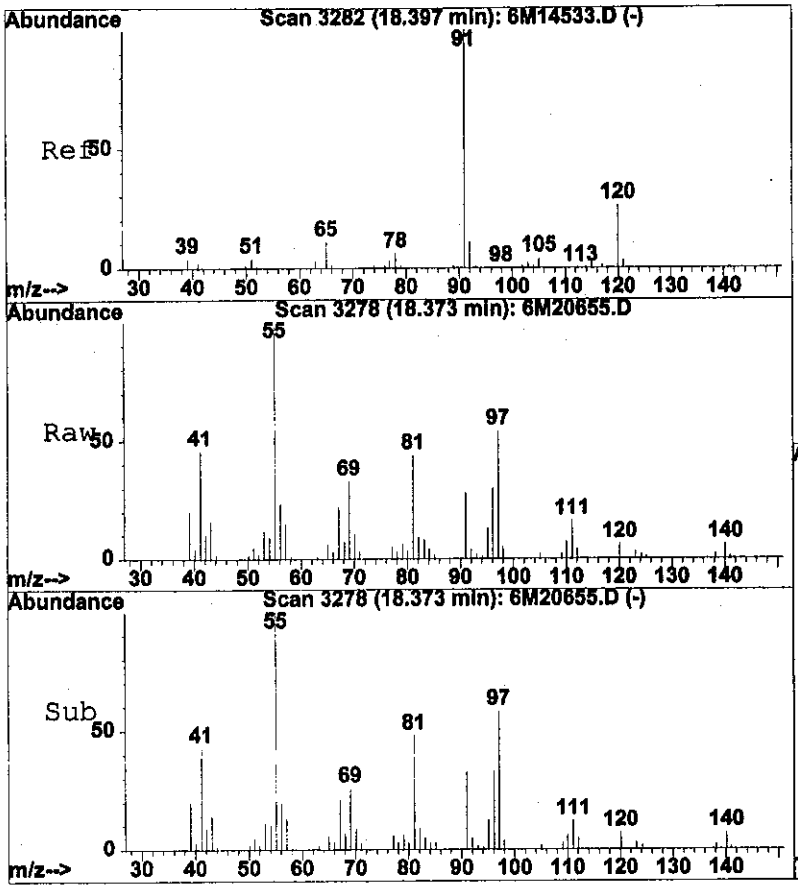


#68
trans-1,4-Dichloro-2-Butene
Concen: 6.89 ug/kg
RT: 18.33 min Scan# 3269
Delta R.T. 0.03 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 53 Resp: 25219

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

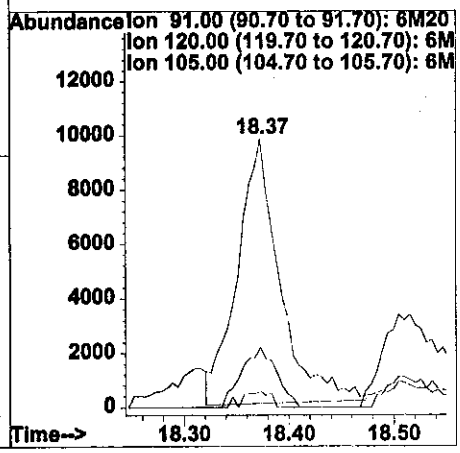


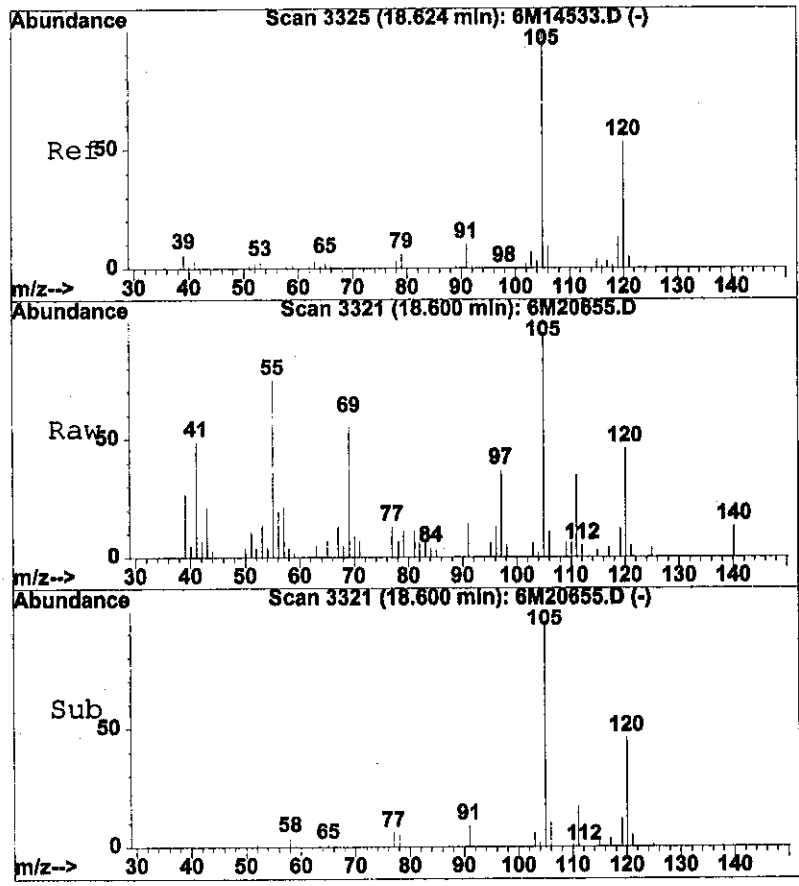


#69
n-Propylbenzene
Concen: 0.53 ug/kg
RT: 18.37 min Scan# 3278
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 91 Resp: 27502

Ion	Ratio	Lower	Upper
91	100		
120	18.4	17.6	26.4
105	0.0	2.8	4.2#

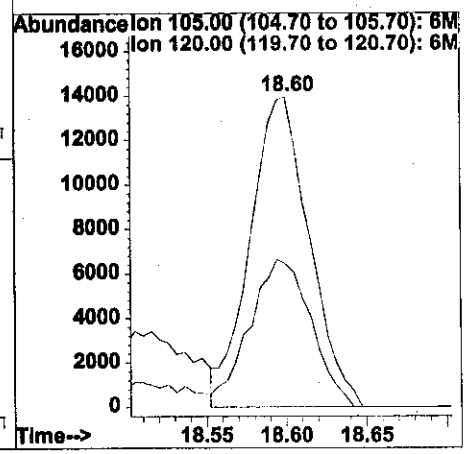


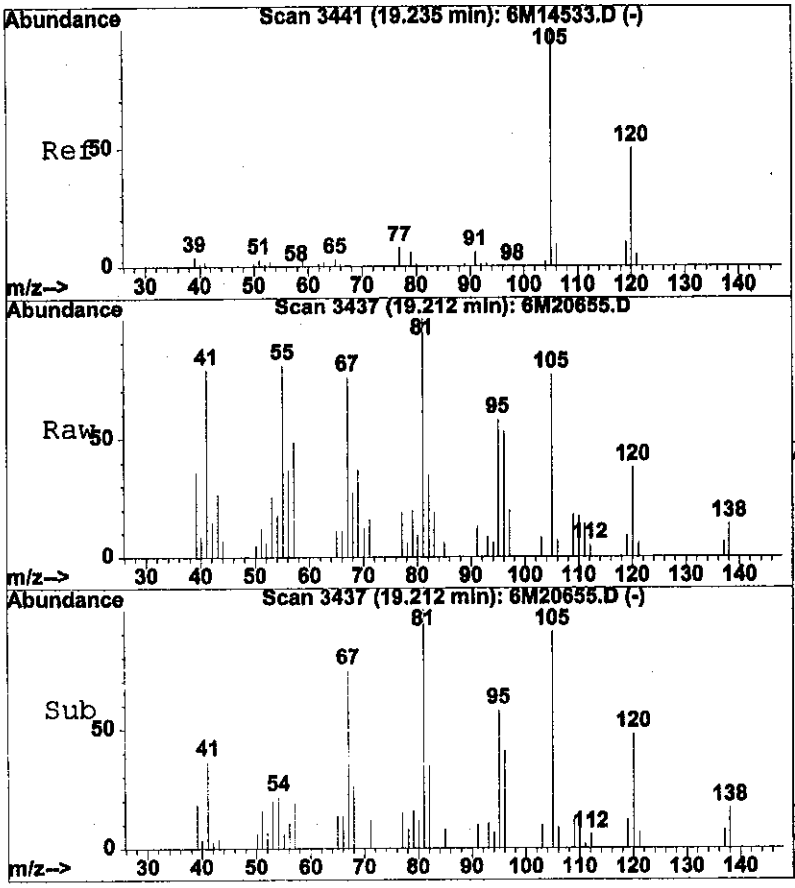


#71
1,3,5-Trimethylbenzene
Concen: 0.97 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:105 Resp: 35847

Ion	Ratio	Lower	Upper
105	100		
120	49.2	38.2	57.4

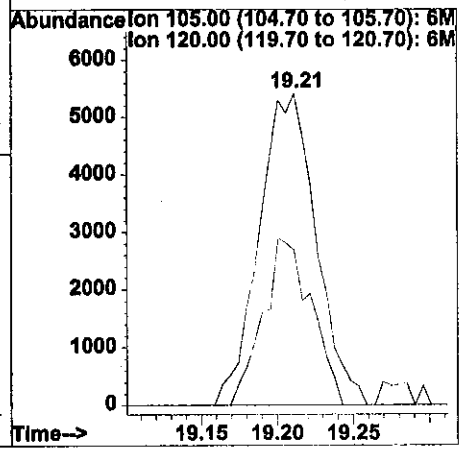


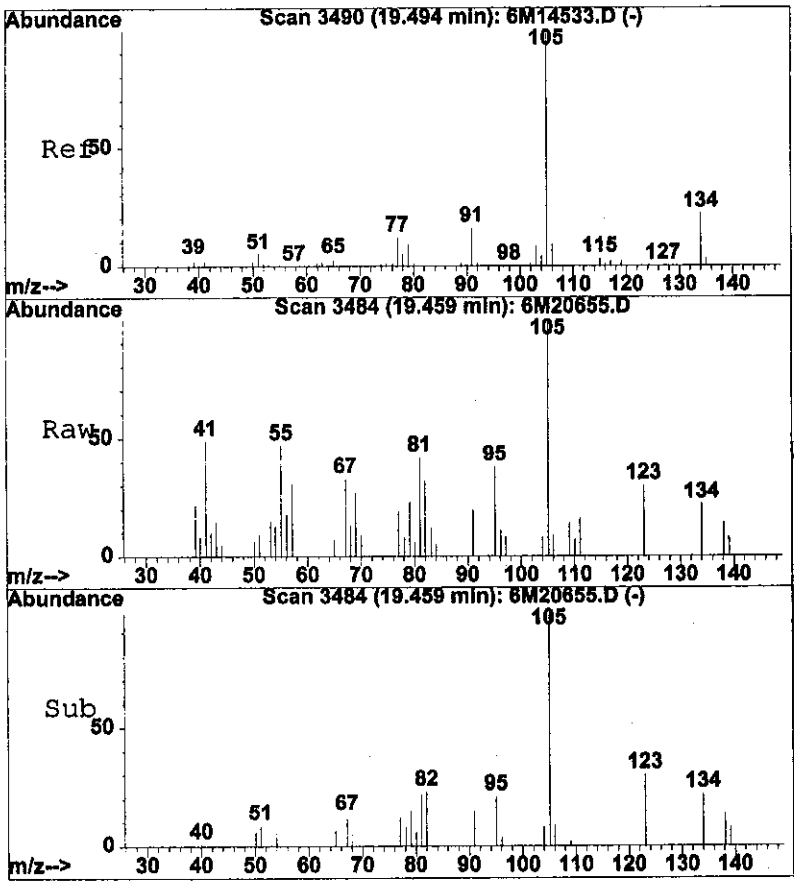


#76
1,2,4-Trimethylbenzene
Concen: 0.37 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:105 Resp: 14118

Ion	Ratio	Lower	Upper
105	100		
120	45.3	35.9	53.9

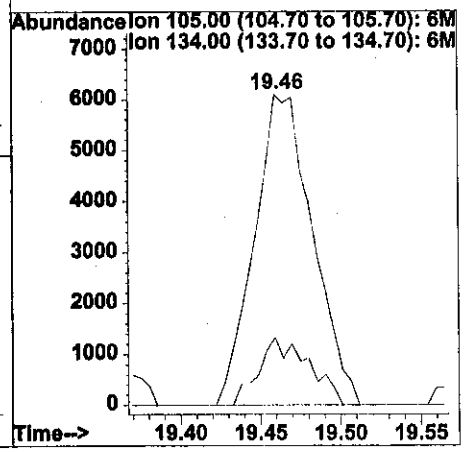


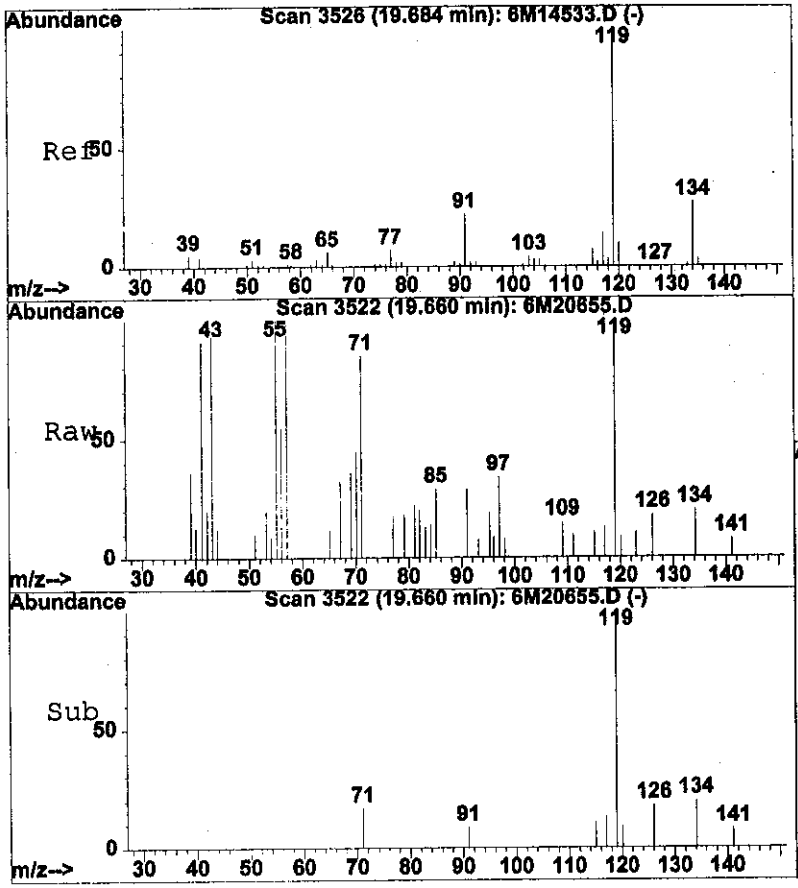


#77
sec-Butylbenzene
Concen: 0.32 ug/kg
RT: 19.46 min Scan# 3484
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:105 Resp: 15432

Ion	Ratio	Lower	Upper
105	100		
134	18.7	15.8	23.6

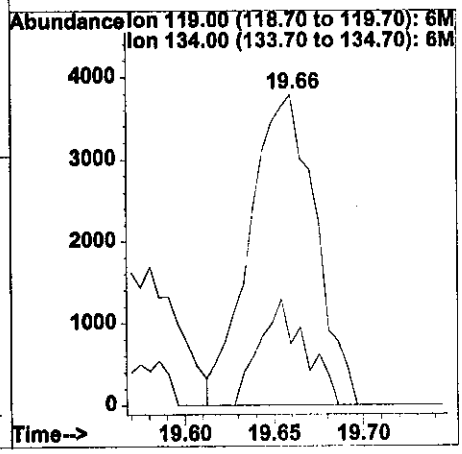


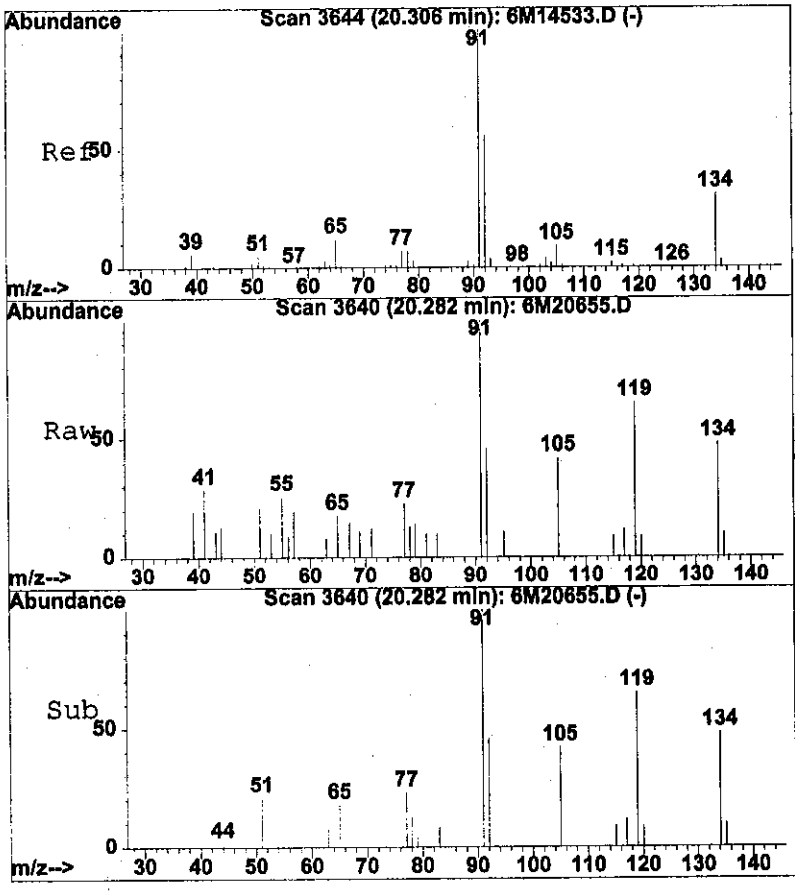


#78
p-Isopropyltoluene
Concen: 0.24 ug/kg
RT: 19.66 min Scan# 3522
Delta R.T. -0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:119 Resp: 9674

Ion	Ratio	Lower	Upper
119	100		
134	23.7	21.4	32.2

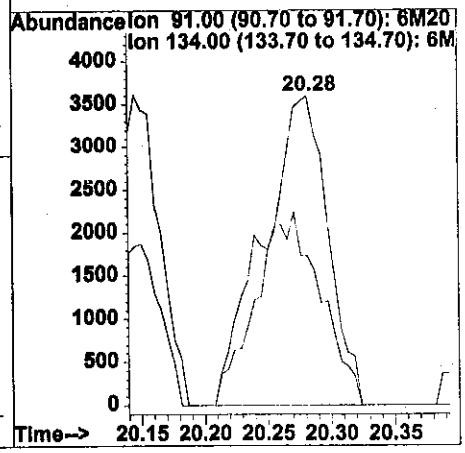


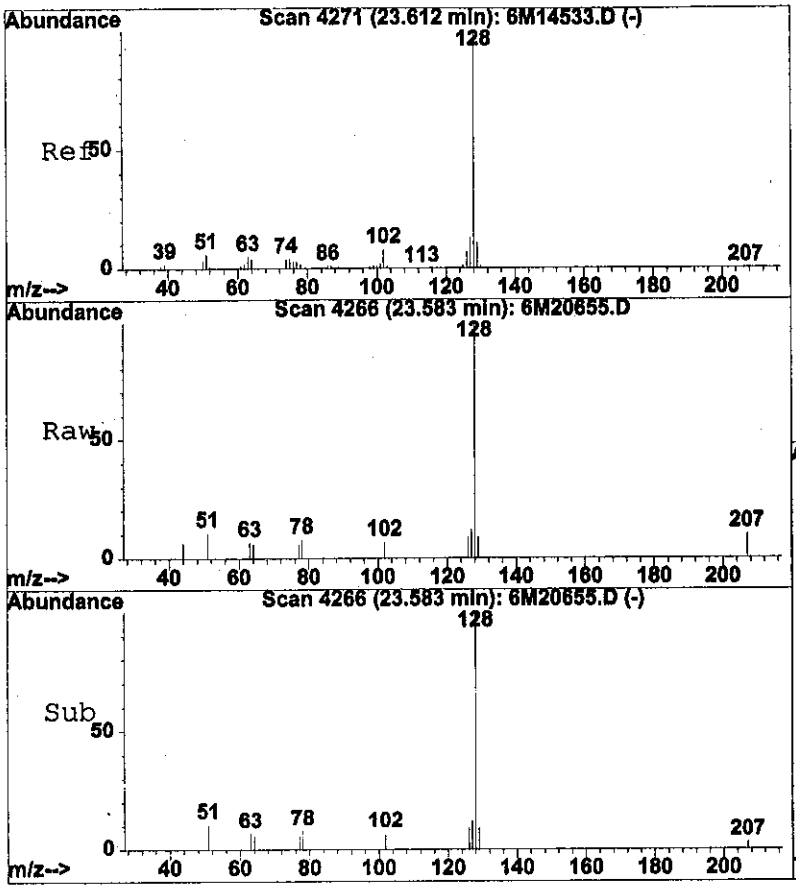


#81
n-Butylbenzene
Concen: 0.30 ug/kg
RT: 20.28 min Scan# 3640
Delta R.T. 0.00 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion: 91 Resp: 11669

Ion	Ratio	Lower	Upper
91	100		
134	76.1	19.5	29.3#

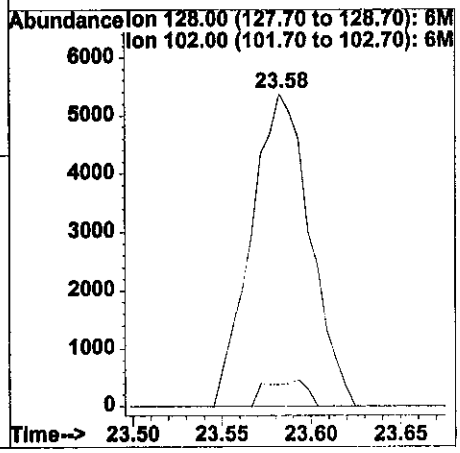




#86
Naphthalene
Concen: 0.36 ug/kg
RT: 23.58 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20655.D
Acq: 19 Jun 2000 17:17

Tgt Ion:128 Resp: 12357

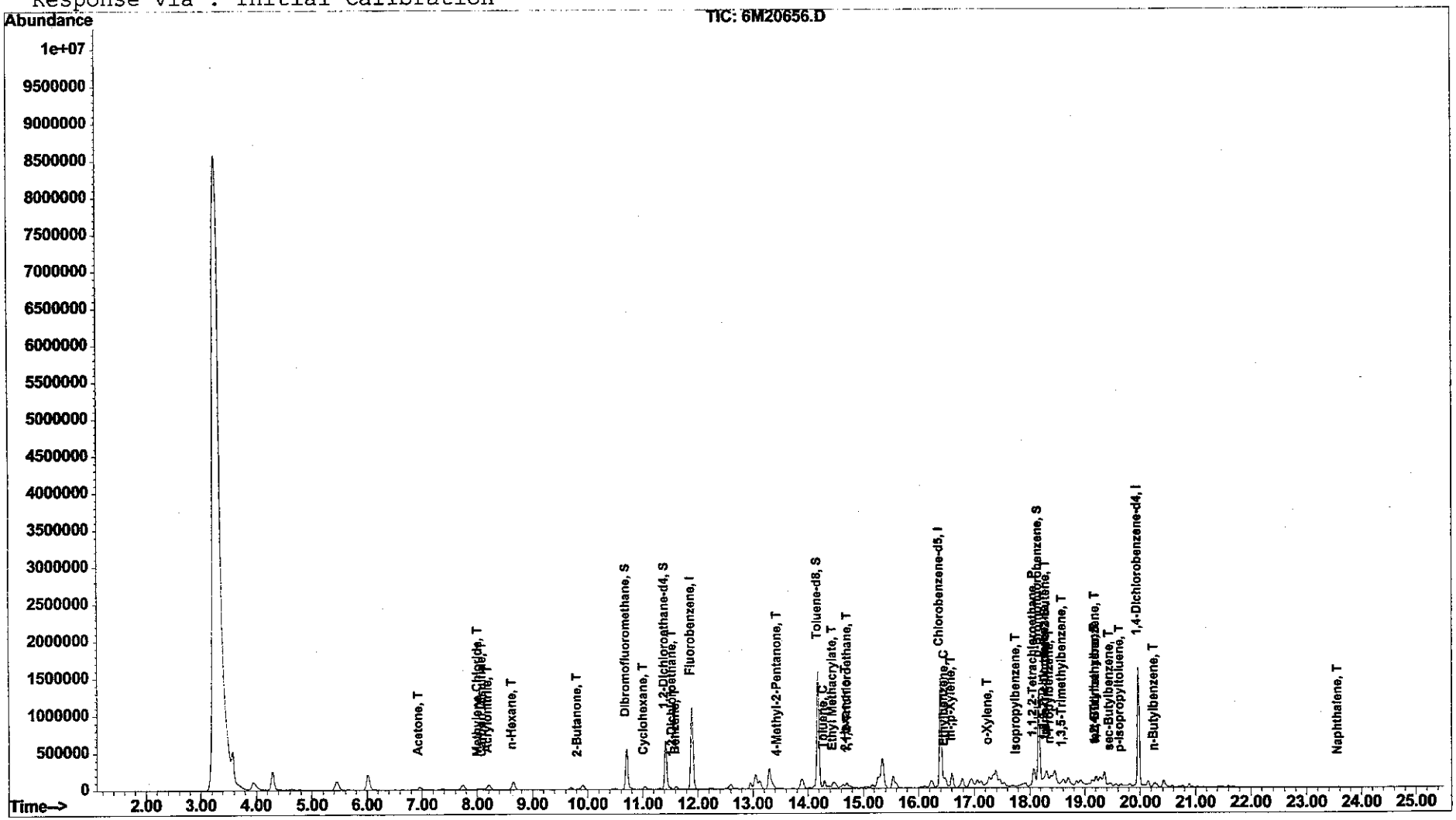
Ion	Ratio	Lower	Upper
128	100		
102	5.9	7.2	10.8#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20656.D Vial: 17
Acq On : 19 Jun 2000 17:48 Operator: CMS
Sample : L0006193-13 A IT CORP 826-SPE-VO 6.1G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:14 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20656.D Vial: 17
Acq On : 19 Jun 2000 17:48 Operator: CMS
Sample : L0006193-13 A IT CORP 826-SPE-VO 6.1G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:14 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.89	96	1448145	50.00 ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1095989	50.00 ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	576514	50.00 ug/kg	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	10.70	111	485375	44.66 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.32%	
33) 1,2-Dichloroethane-d4	11.42	65	628414	48.16 ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.32%	
45) Toluene-d8	14.19	98	1524701	46.73 ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	93.46%	
66) p-Bromofluorobenzene	18.17	95	651040	50.41 ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	100.82%	
Target Compounds					Qvalue
11) Acetone	6.96	43	66454	20.02 ug/kg#	24
15) Methylene Chloride	8.03	84	8675	1.00 ug/kg#	61 J
16) Carbon Disulfide	8.10	76	26619	0.76 ug/kg	99
17) Acrylonitrile	8.20	53	3393	0.68 ug/kg#	12
20) n-Hexane	8.65	57	95867	4.50 ug/kg	99
23) 2-Butanone	9.83	43	23449	3.43 ug/kg#	89 J
30) Cyclohexane	11.04	56	37789	1.55 ug/kg#	82
34) 1,2-Dichloroethane	11.56	62	4492	0.25 ug/kg#	99
35) Benzene	11.62	78	44702	1.18 ug/kg#	82 J
41) 4-Methyl-2-Pentanone	13.45	58	2323	0.56 ug/kg#	1
46) Toluene	14.30	91	85416	2.10 ug/kg	99 J
47) Ethyl Methacrylate	14.45	69	14529	1.36 ug/kg#	60
49) 1,1,2-Trichloroethane	14.73	97	2043	0.25 ug/kg#	1
50) 2-Hexanone	14.70	43	30850	3.02 ug/kg	97
58) Ethylbenzene	16.49	106	14008	0.90 ug/kg J	99
59) m-,p-Xylene	16.61	106	76809	3.91 ug/kg J	97
60) o-Xylene	17.26	106	23189	1.23 ug/kg J	99
63) Isopropylbenzene	17.77	105	11687	0.24 ug/kg	98
65) 1,1,2,2-Tetrachloroethane	18.07	83	33200	3.58 ug/kg#	45
67) 1,2,3-Trichloropropane	18.29	110	4362	1.39 ug/kg#	24
68) trans-1,4-Dichloro-2-Buten	18.31	53	14445	3.80 ug/kg#	19
69) n-Propylbenzene	18.37	91	30474	0.57 ug/kg#	99
71) 1,3,5-Trimethylbenzene	18.60	105	38906	1.01 ug/kg	99
75) tert-Butylbenzene	19.21	119	8480	0.24 ug/kg#	51
76) 1,2,4-Trimethylbenzene	19.21	105	71797	1.80 ug/kg	100
77) sec-Butylbenzene	19.47	105	24851	0.50 ug/kg	99
78) p-Isopropyltoluene	19.65	119	19569	0.46 ug/kg	99

(#) = qualifier out of range (m) = manual integration

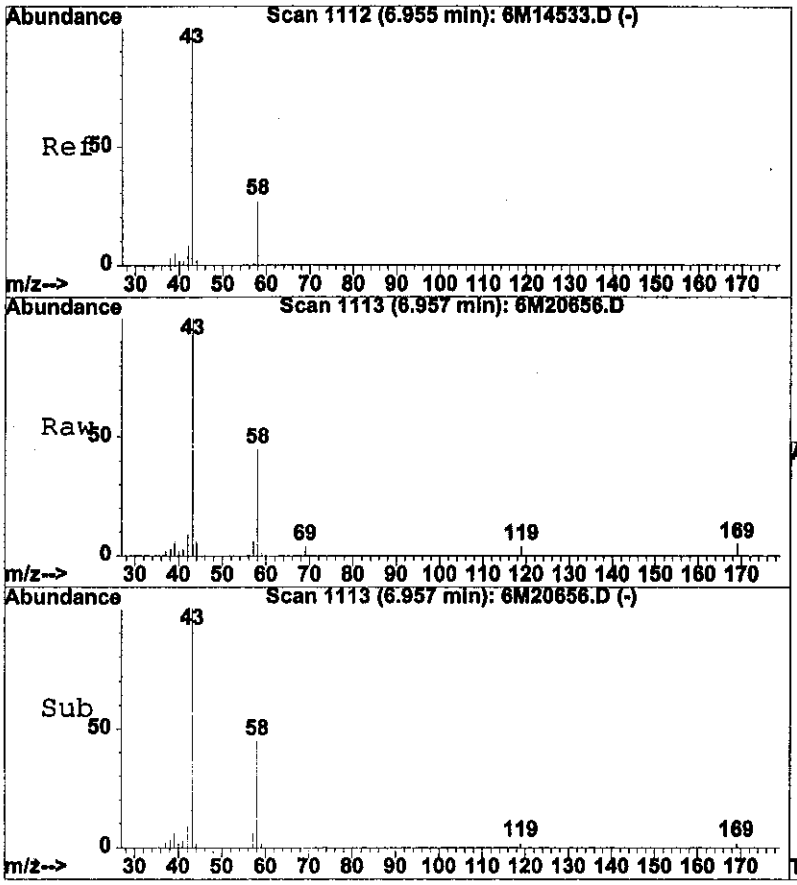
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20656.D Vial: 17
Acq On : 19 Jun 2000 17:48 Operator: CMS
Sample : L0006193-13 A IT CORP 826-SPE-VO 6.1G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:14 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
81) n-Butylbenzene	20.28	91	36486	0.90 ug/kg#	14
86) Naphthalene	23.58	128	12500	0.35 ug/kg#	94

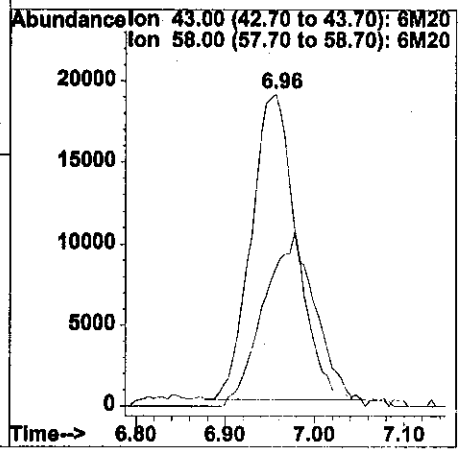
(#) = qualifier out of range (m) = manual integration

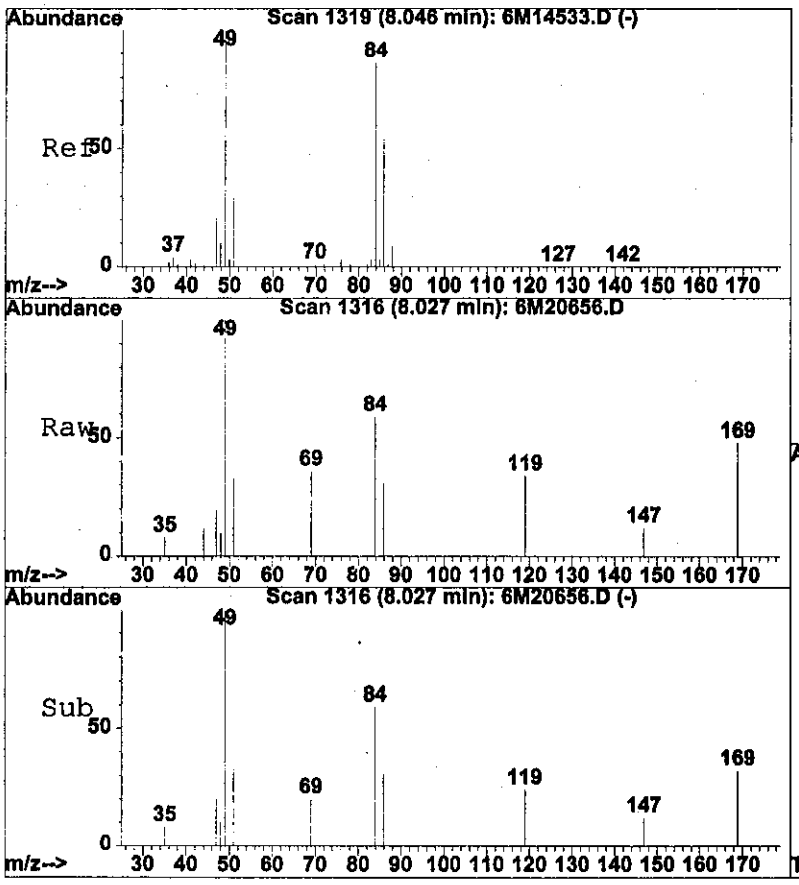


#11
Acetone
Concen: 20.02 ug/kg
RT: 6.96 min Scan# 1113
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 43 Resp: 66454

Ion	Ratio	Lower	Upper
43	100		
58	65.4	21.1	31.7#

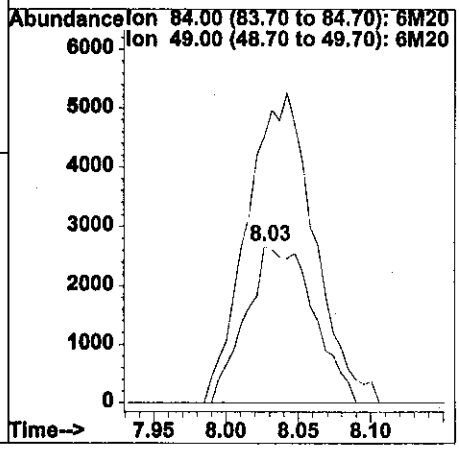


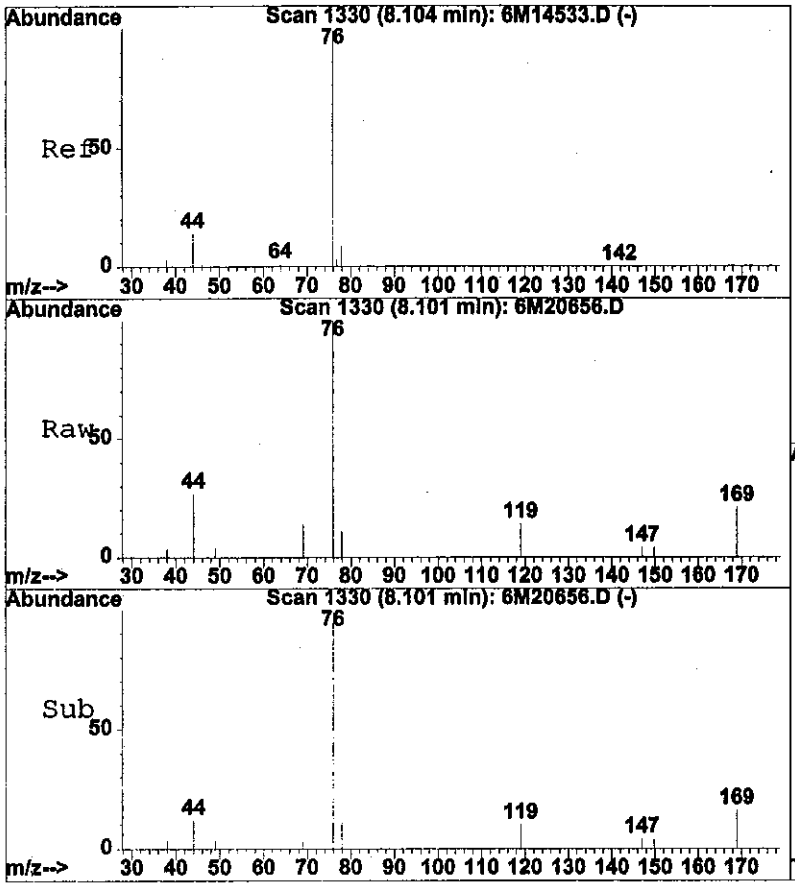


#15
Methylene Chloride
Concen: 1.00 ug/kg
RT: 8.03 min Scan# 1316
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 84 Resp: 8675

Ion	Ratio	Lower	Upper
84	100		
49	196.4	117.8	176.8#

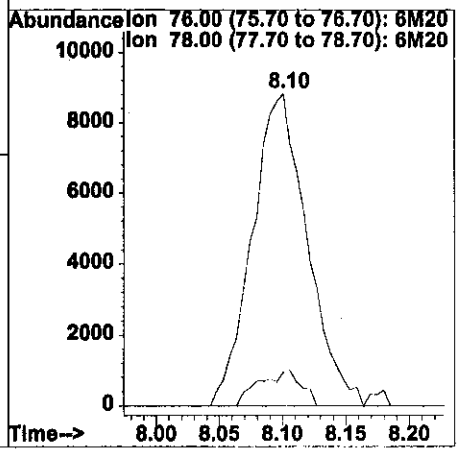


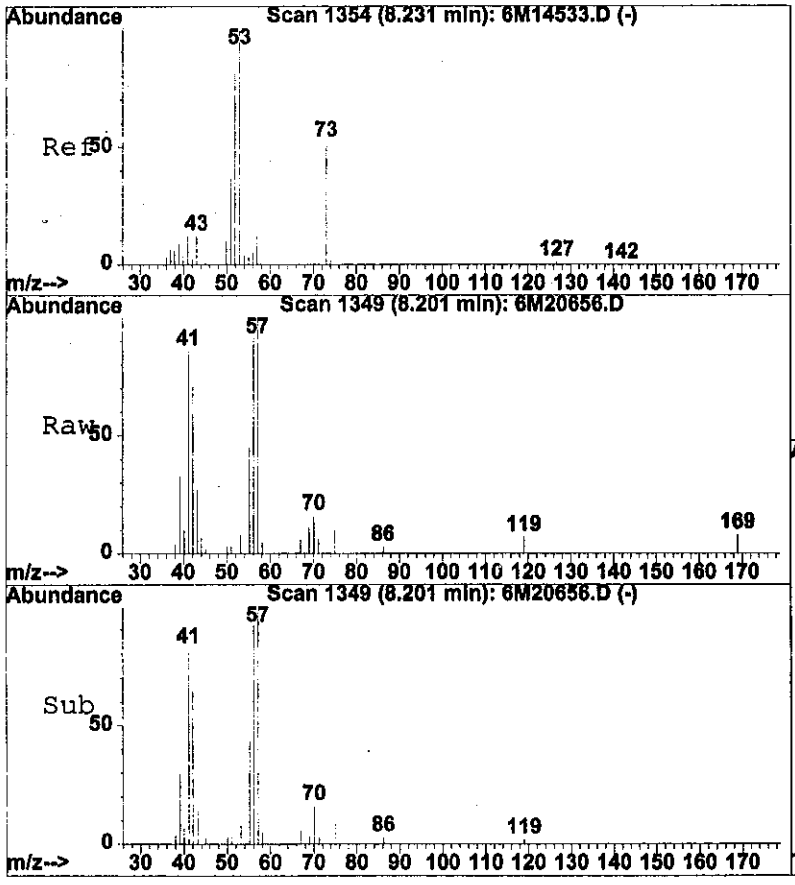


#16
Carbon Disulfide
Concen: 0.76 ug/kg
RT: 8.10 min Scan# 1330
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 76 Resp: 26619

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8

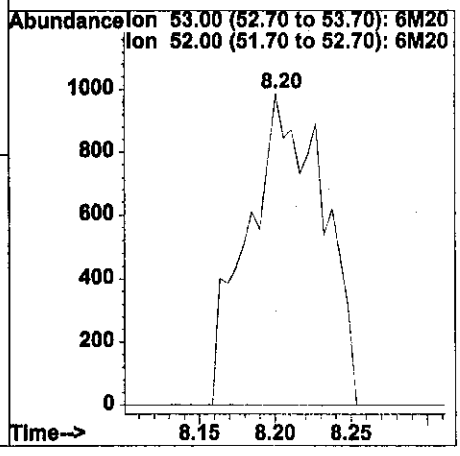


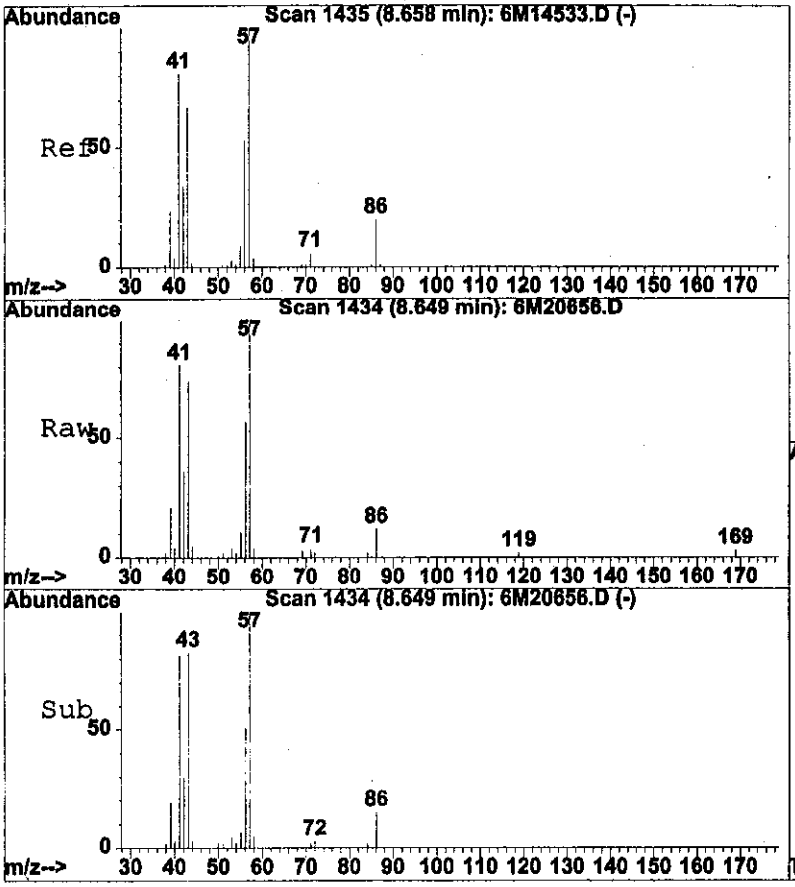


#17
Acrylonitrile
Concen: 0.68 ug/kg
RT: 8.20 min Scan# 1349
Delta R.T. -0.02 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 53 Resp: 3393

Ion	Ratio	Lower	Upper
53	100		
52	0.0	59.8	89.6#

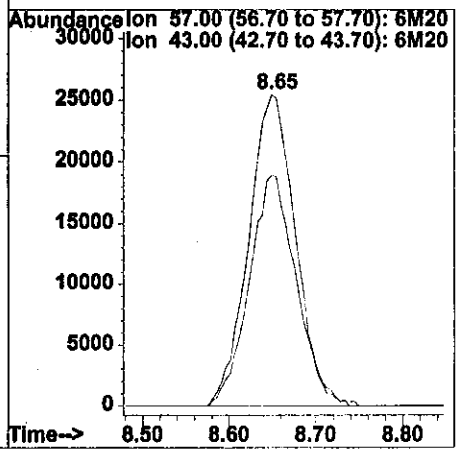


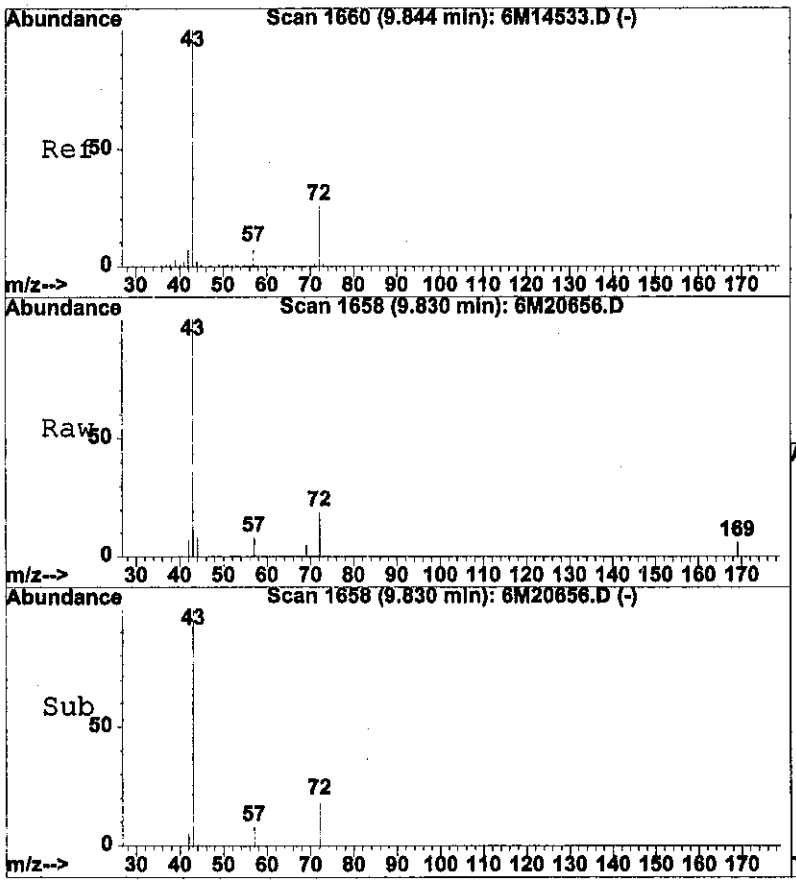


#20
n-Hexane
Concen: 4.50 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 57 Resp: 95867

Ion	Ratio	Lower	Upper
57	100		
43	74.3	59.0	88.6

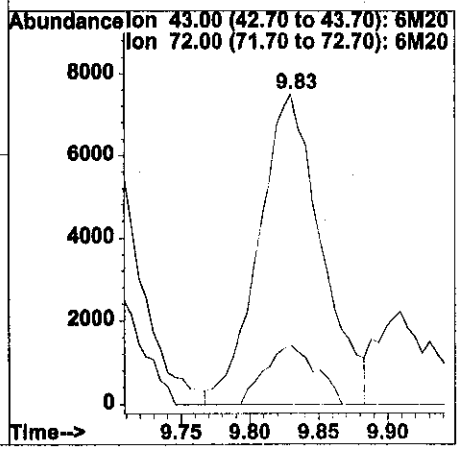


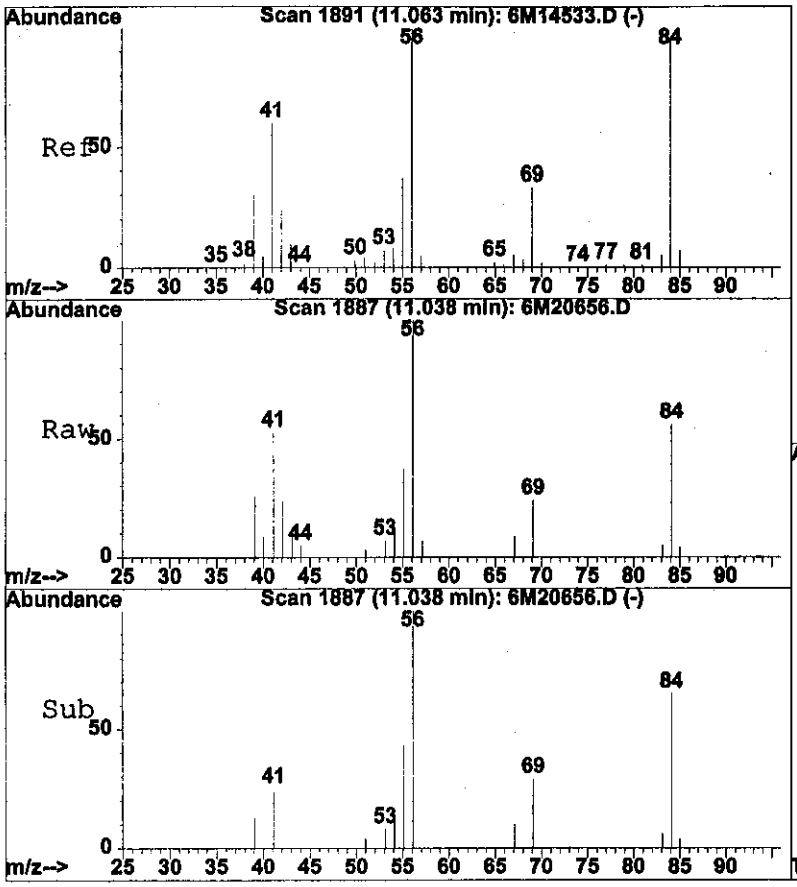


#23
2-Butanone
Concen: 3.43 ug/kg
RT: 9.83 min Scan# 1658
Delta R.T. 0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 43 Resp: 23449

Ion	Ratio	Lower	Upper
43	100		
72	15.4	16.2	24.4#

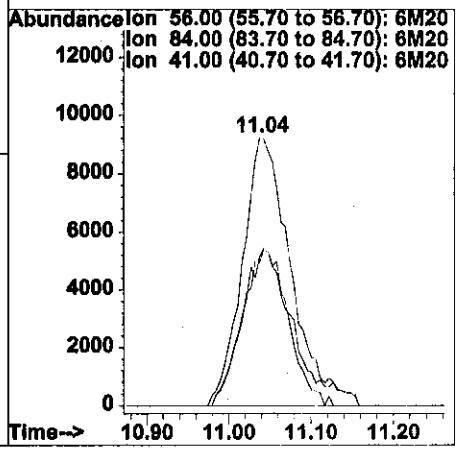


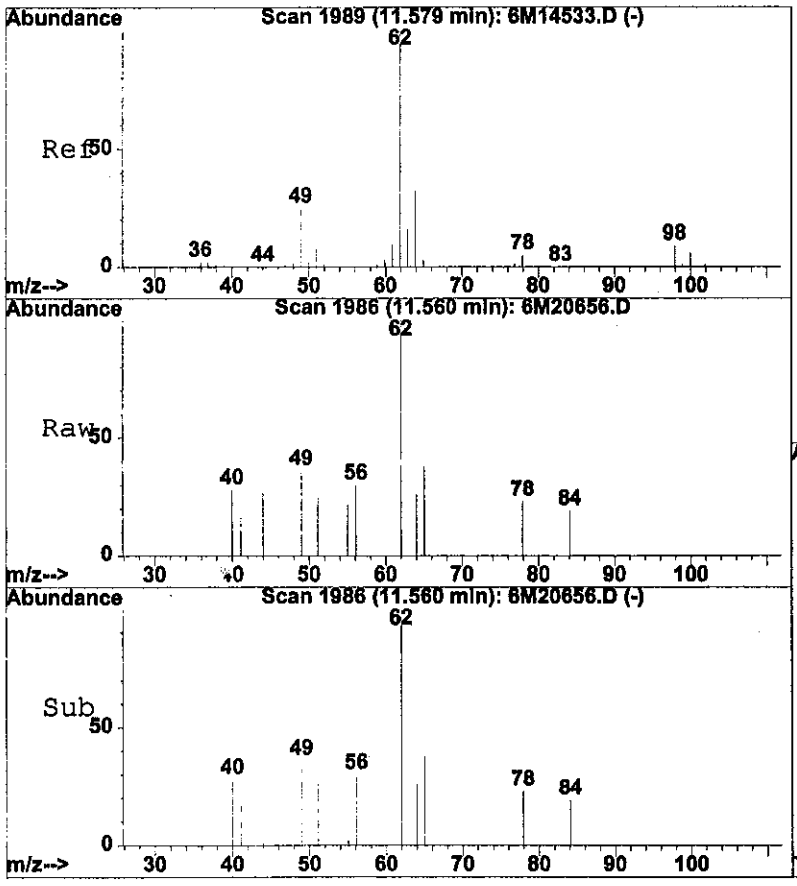


#30
Cyclohexane
Concen: 1.55 ug/kg
RT: 11.04 min Scan# 1887
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 56 Resp: 37789

Ion	Ratio	Lower	Upper
56	100		
84	55.9	64.1	96.1#
41	61.4	52.9	79.3

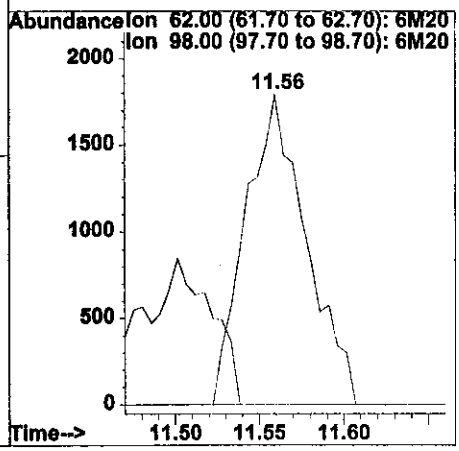


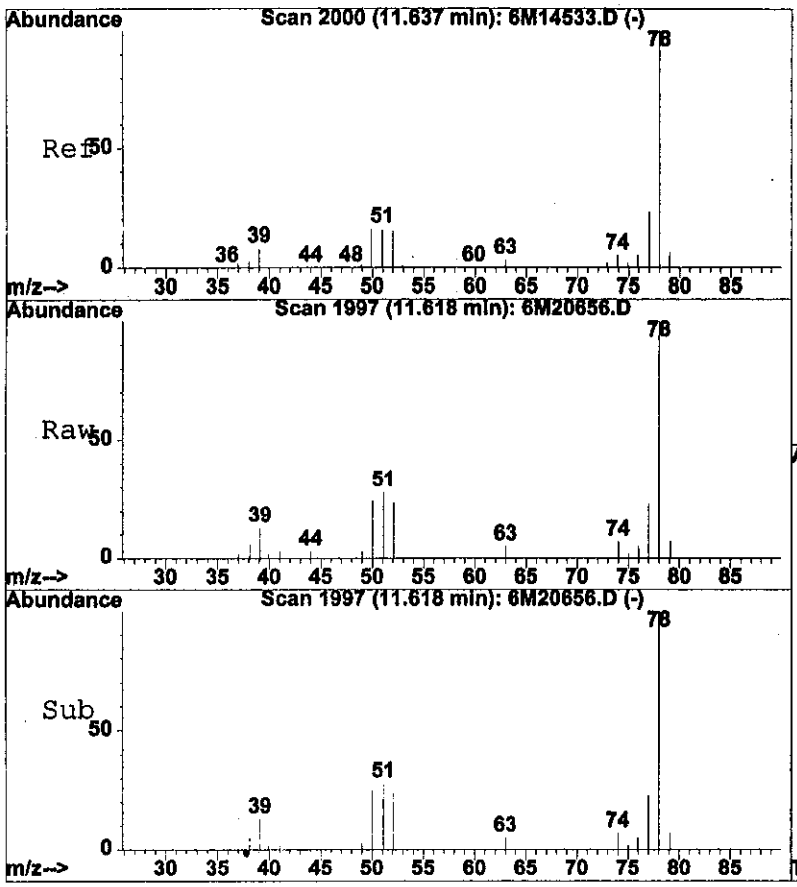


#34
1,2-Dichloroethane
Concen: 0.25 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 62 Resp: 4492

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

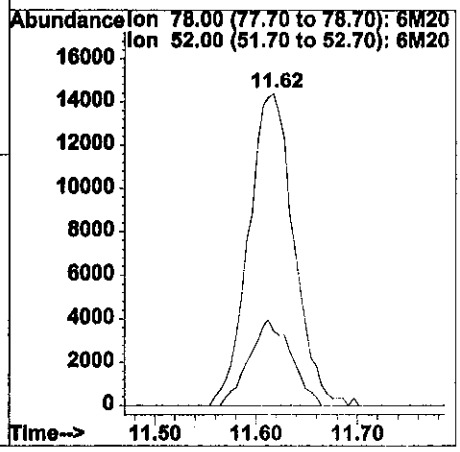


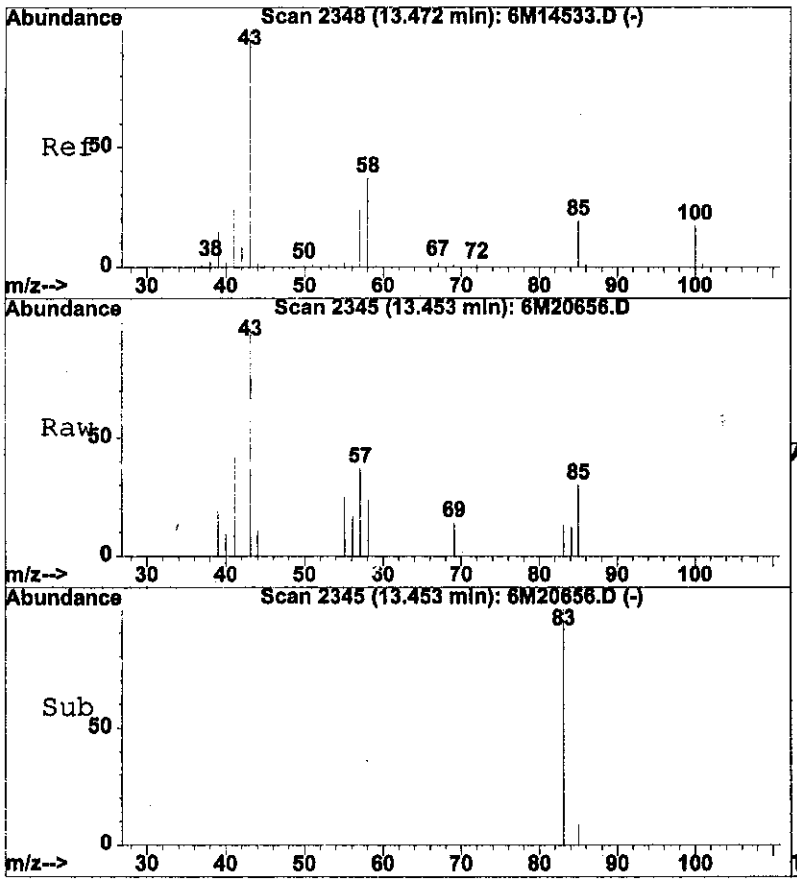


#35
Benzene
Concen: 1.18 ug/kg
RT: 11.62 min Scan# 1997
Delta R.T. 0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 78 Resp: 44702

Ion	Ratio	Lower	Upper
78	100		
52	25.6	14.2	21.4#

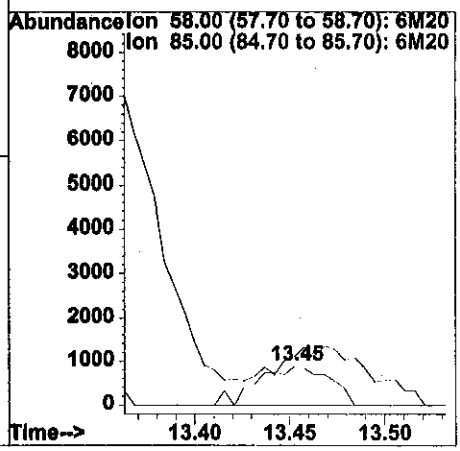


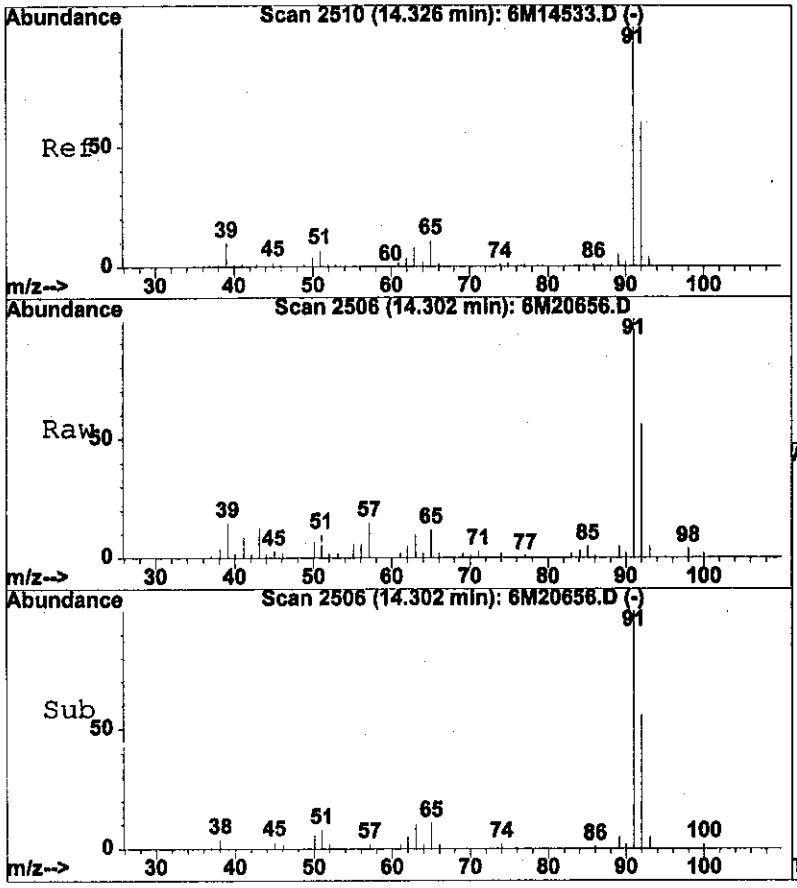


#41
4-Methyl-2-Pentanone
Concen: 0.56 ug/kg
RT: 13.45 min Scan# 2345
Delta R.T. 0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 58 Resp: 2323

Ion	Ratio	Lower	Upper
58	100		
85	198.8	32.2	48.2#

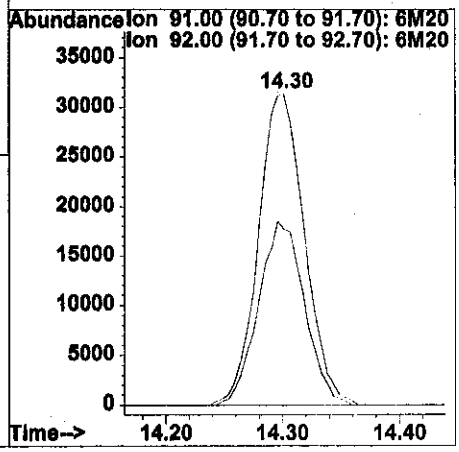


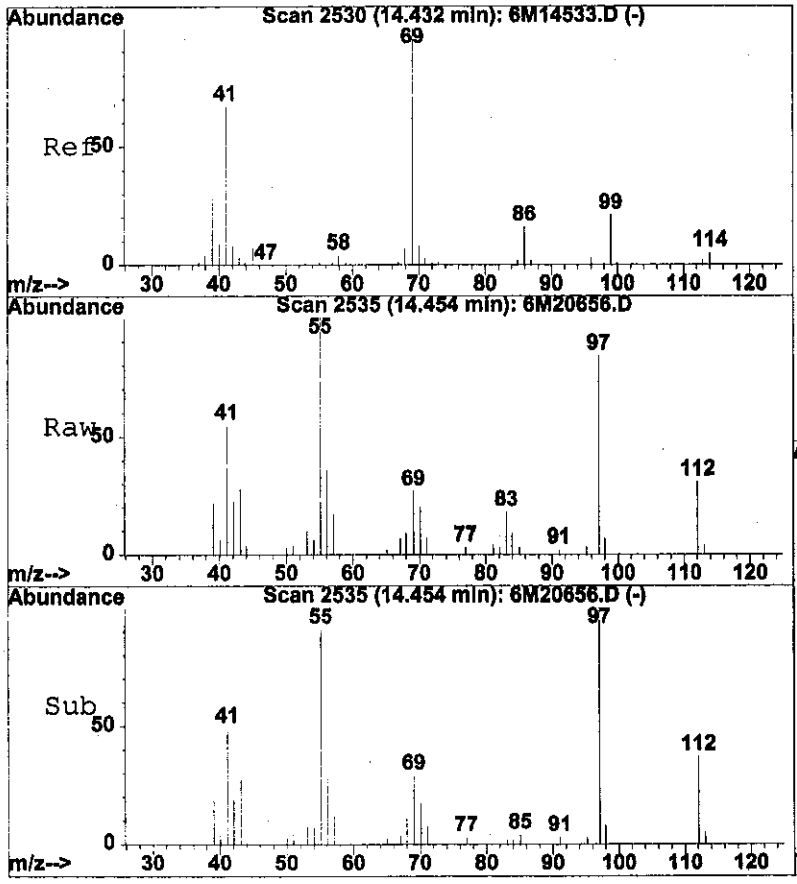


#46
Toluene
Concen: 2.10 ug/kg
RT: 14.30 min Scan# 2506
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 91 Resp: 85416

Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	69.8

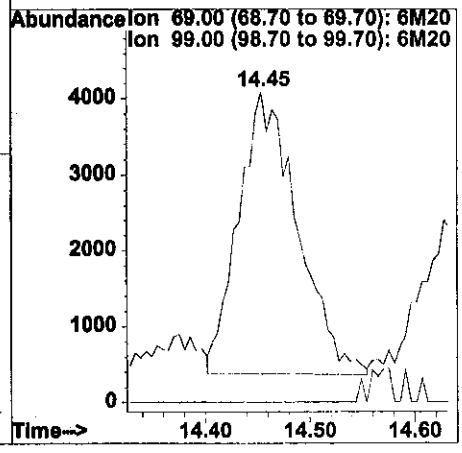


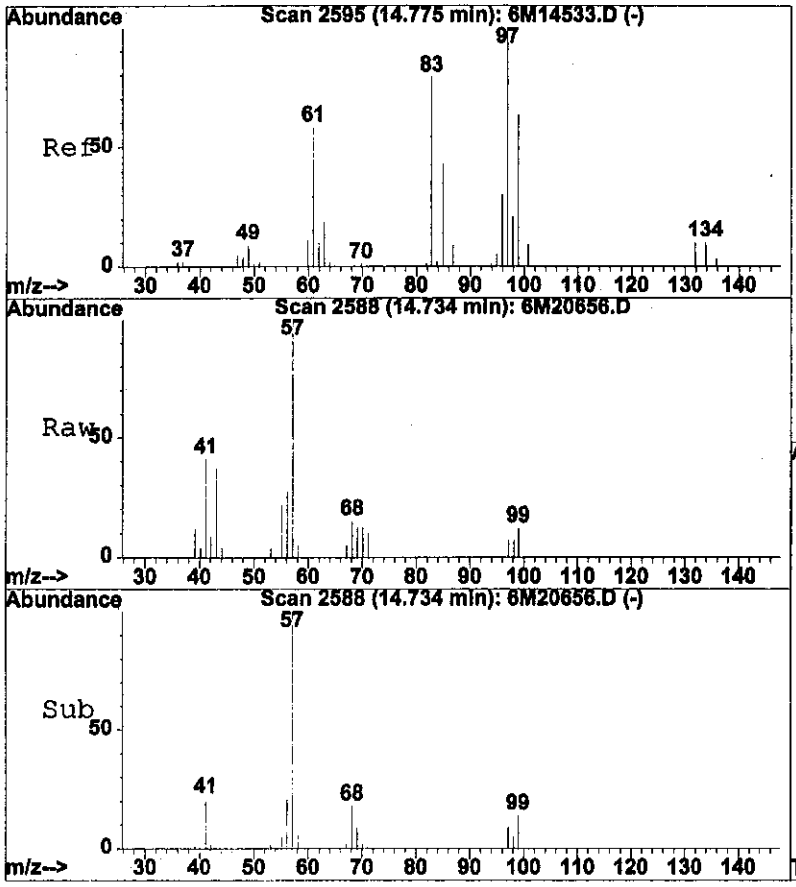


#47
Ethyl Methacrylate
Concen: 1.36 ug/kg
RT: 14.45 min Scan# 2535
Delta R.T. 0.04 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 69 Resp: 14529

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

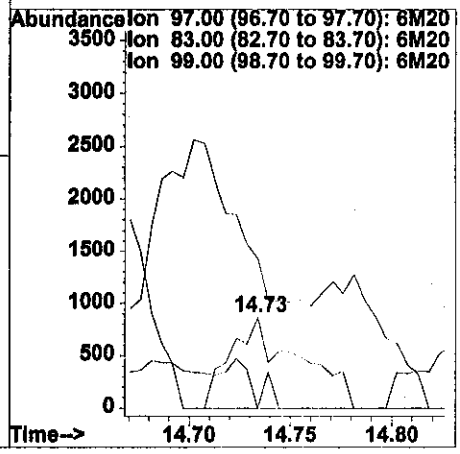


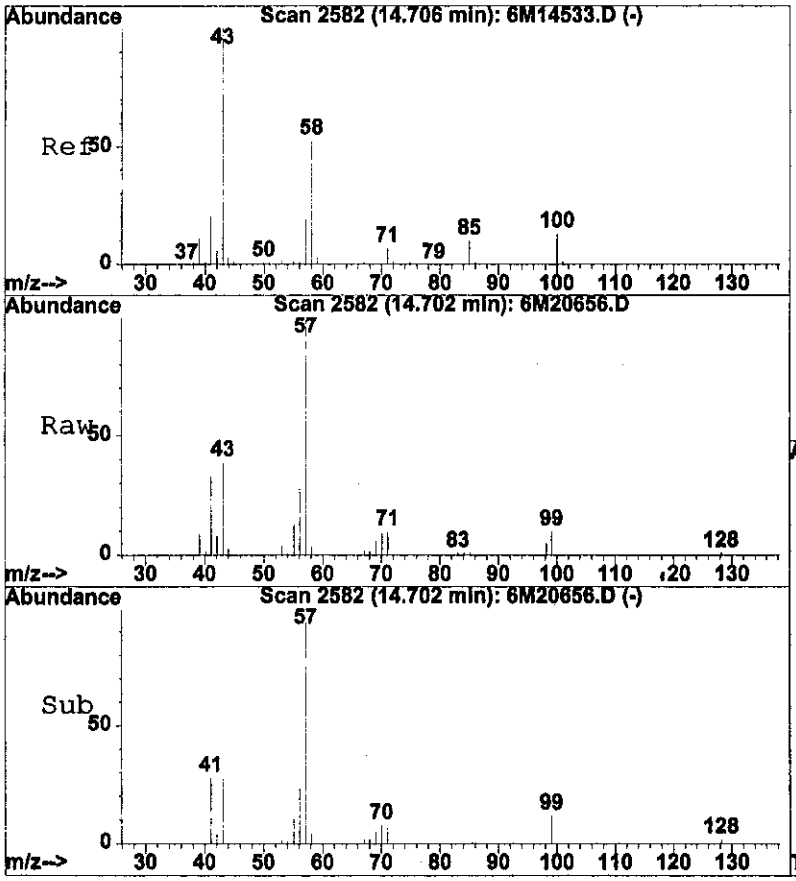


#49
1,1,2-Trichloroethane
Concen: 0.25 ug/kg
RT: 14.73 min Scan# 2588
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 97 Resp: 2043

Ion	Ratio	Lower	Upper
97	100		
83	23.8	70.5	105.7#
99	443.3	49.8	74.6#

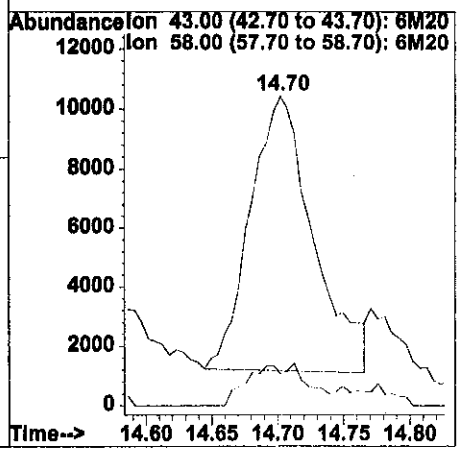


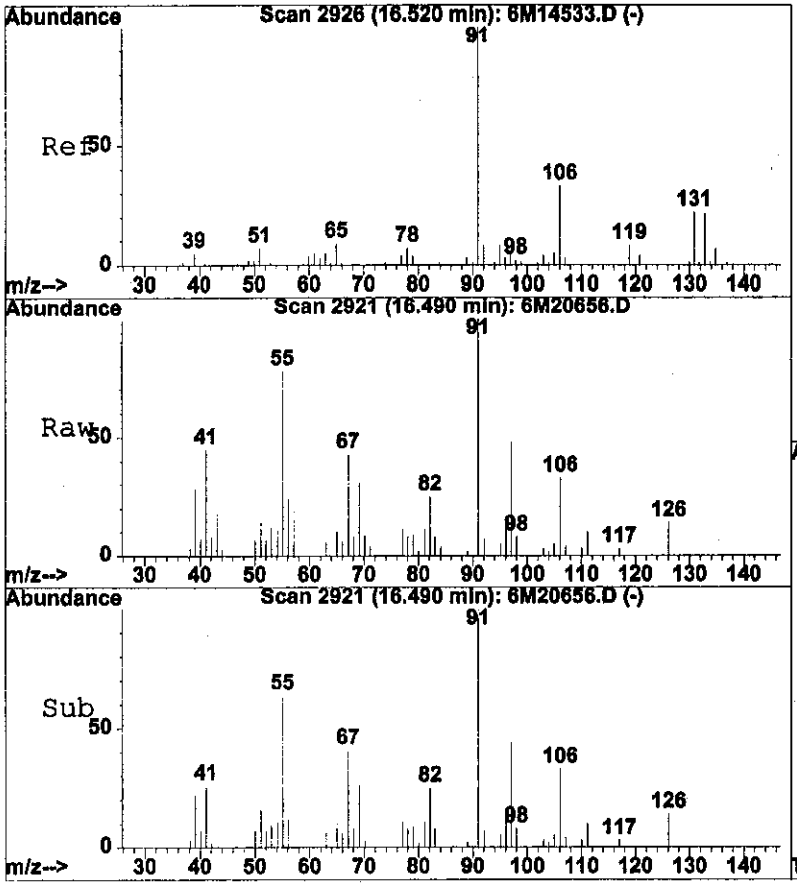


#50
2-Hexanone
Concen: 3.02 ug/kg
RT: 14.70 min Scan# 2582
Delta R.T. 0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 43 Resp: 30850

Ion	Ratio	Lower	Upper
43	100		
58	8.0	5.5	8.3

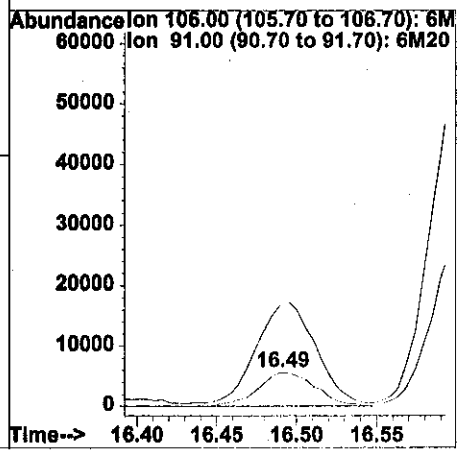


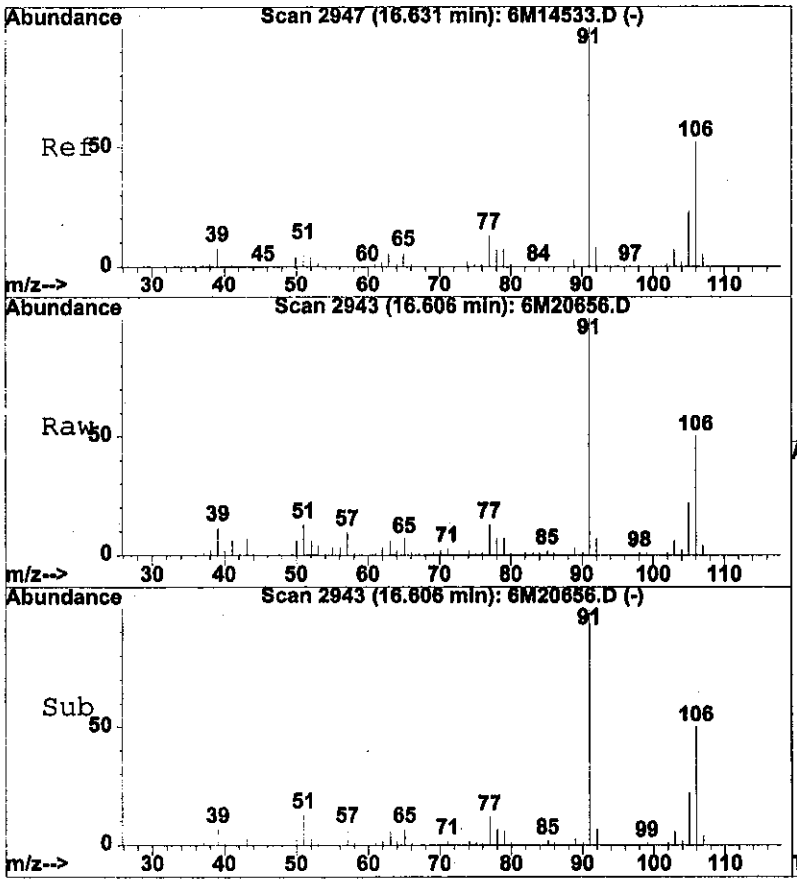


#58
Ethylbenzene
Concen: 0.90 ug/kg
RT: 16.49 min Scan# 2921
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:106 Resp: 14008

Ion	Ratio	Lower	Upper
106	100		
91	327.0	259.6	389.4

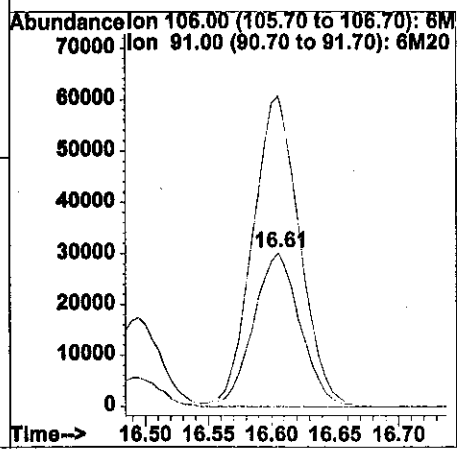


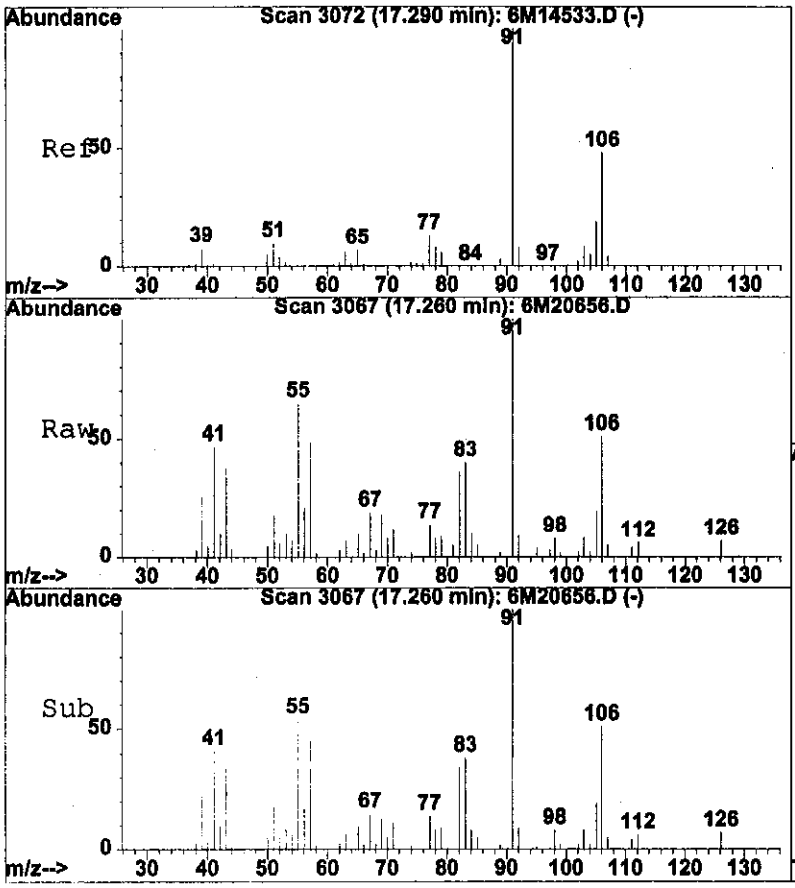


#59
m-,p-Xylene
Concen: 3.91 ug/kg
RT: 16.61 min Scan# 2943
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:106 Resp: 76809

Ion	Ratio	Lower	Upper
106	100		
91	203.2	165.9	248.9

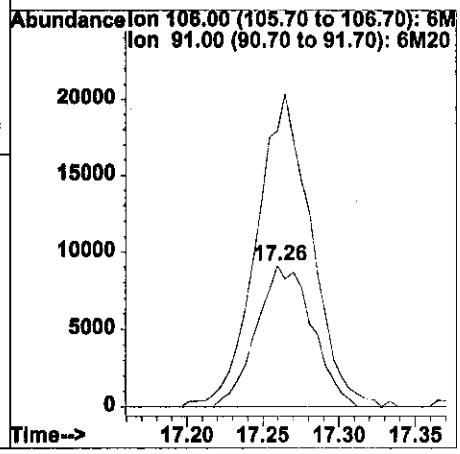


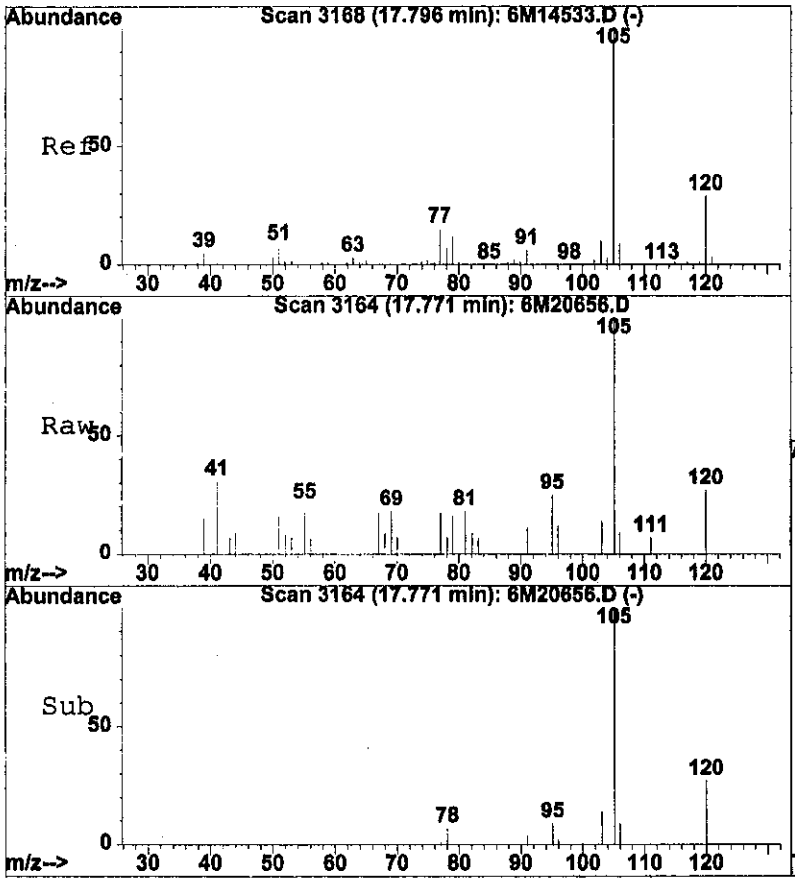


#60
o-Xylene
Concen: 1.23 ug/kg
RT: 17.26 min Scan# 3067
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:106 Resp: 23189

Ion	Ratio	Lower	Upper
106	100		
91	220.4	174.6	262.0

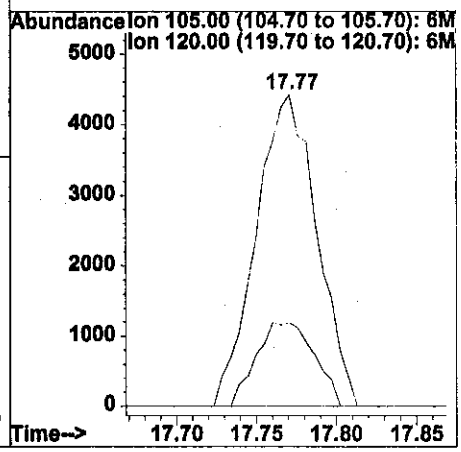


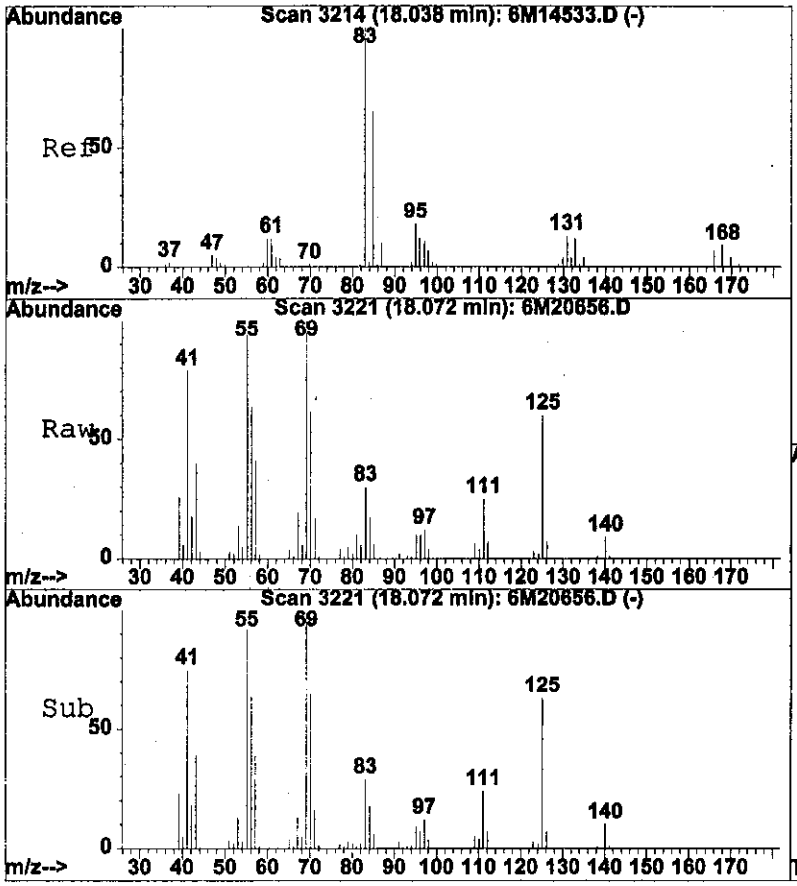


#63
Isopropylbenzene
Concen: 0.24 ug/kg
RT: 17.77 min Scan# 3164
Delta R.T. 0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:105 Resp: 11687

Ion	Ratio	Lower	Upper
105	100		
120	25.7	21.3	31.9

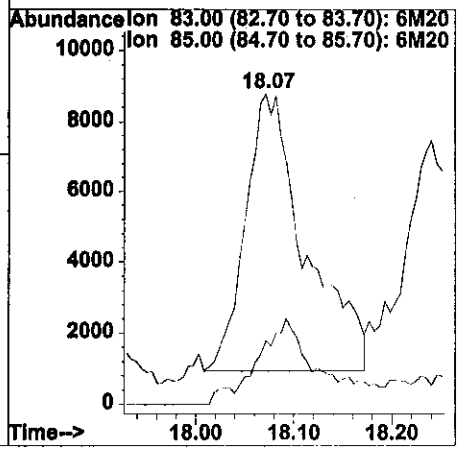


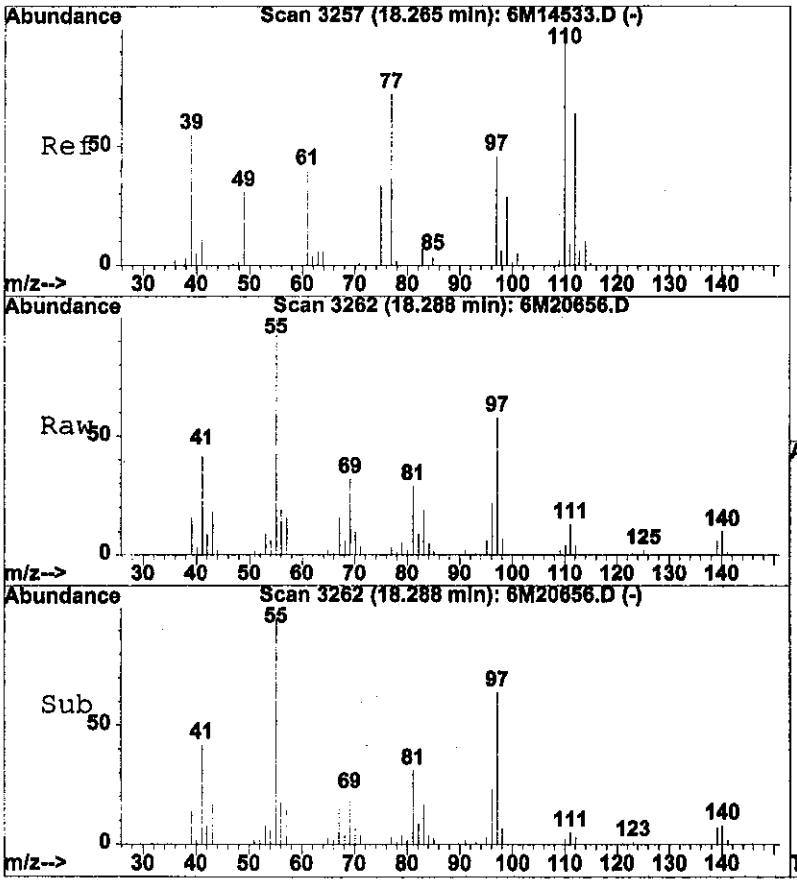


#65
1,1,2,2-Tetrachloroethane
Concen: 3.58 ug/kg
RT: 18.07 min Scan# 3221
Delta R.T. 0.05 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 83 Resp: 33200

Ion	Ratio	Lower	Upper
83	100		
85	21.0	51.0	76.4#

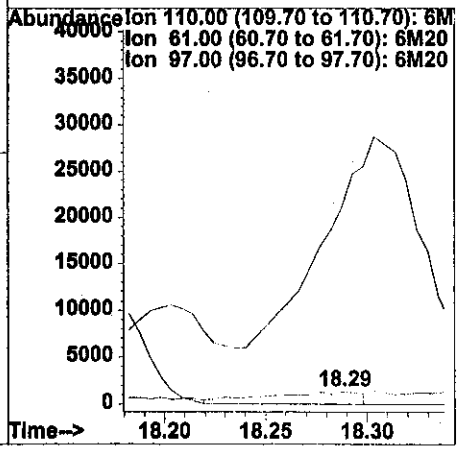


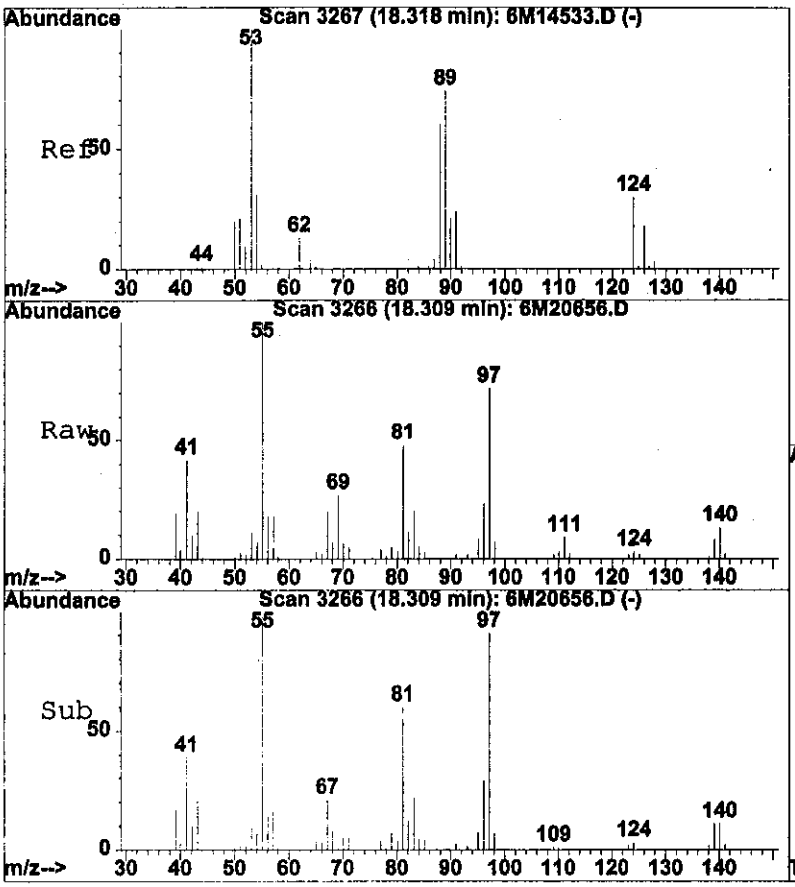


#67
1,2,3-Trichloropropane
Concen: 1.39 ug/kg
RT: 18.29 min Scan# 3262
Delta R.T. 0.05 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:110 Resp: 4362

Ion	Ratio	Lower	Upper
110	100		
61	0.0	47.3	70.9#
97	0.0	39.7	59.5#

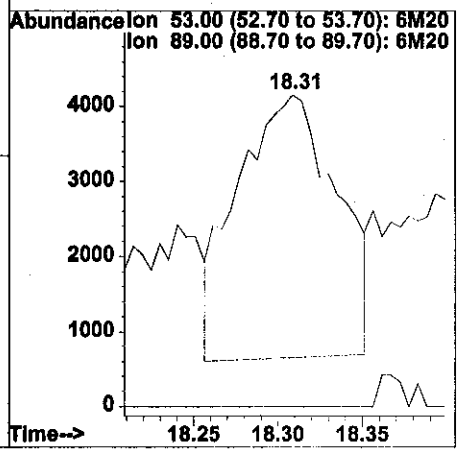


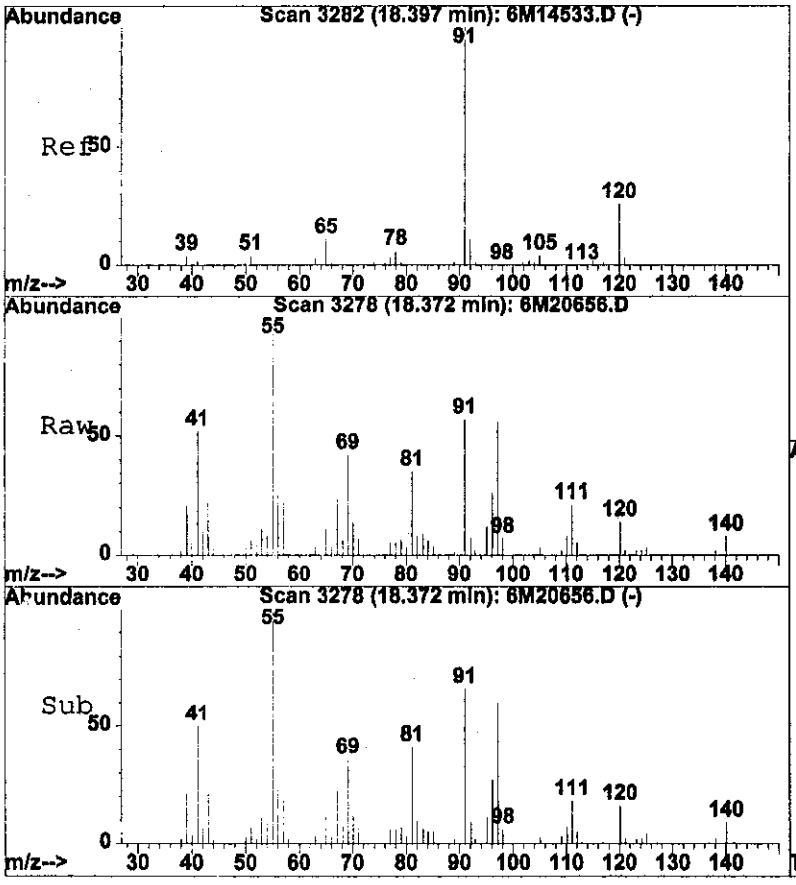


#68
trans-1,4-Dichloro-2-Butene
Concen: 3.80 ug/kg
RT: 18.31 min Scan# 3266
Delta R.T. 0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 53 Resp: 14445

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

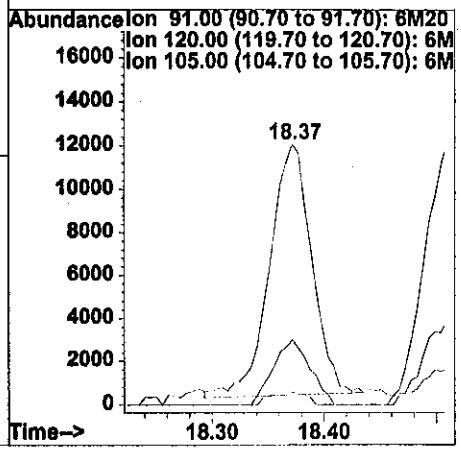


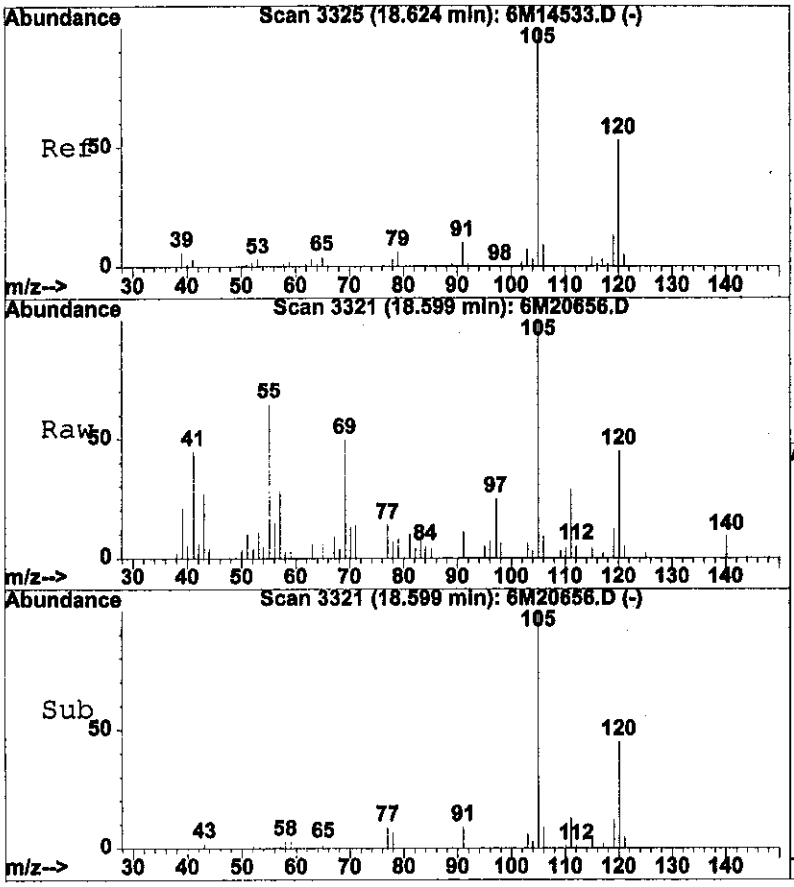


#69
n-Propylbenzene
Concen: 0.57 ug/kg
RT: 18.37 min Scan# 3278
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 91 Resp: 30474

Ion	Ratio	Lower	Upper
91	100		
120	22.3	17.6	26.4
105	4.5	2.8	4.2#

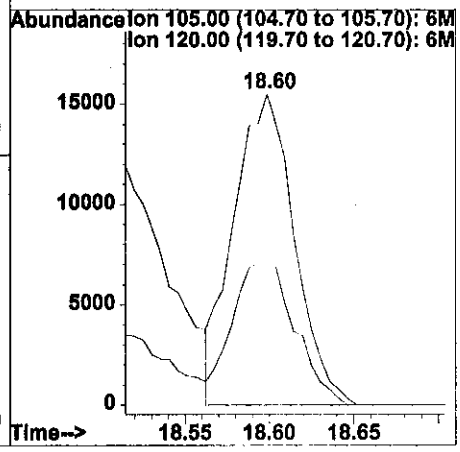


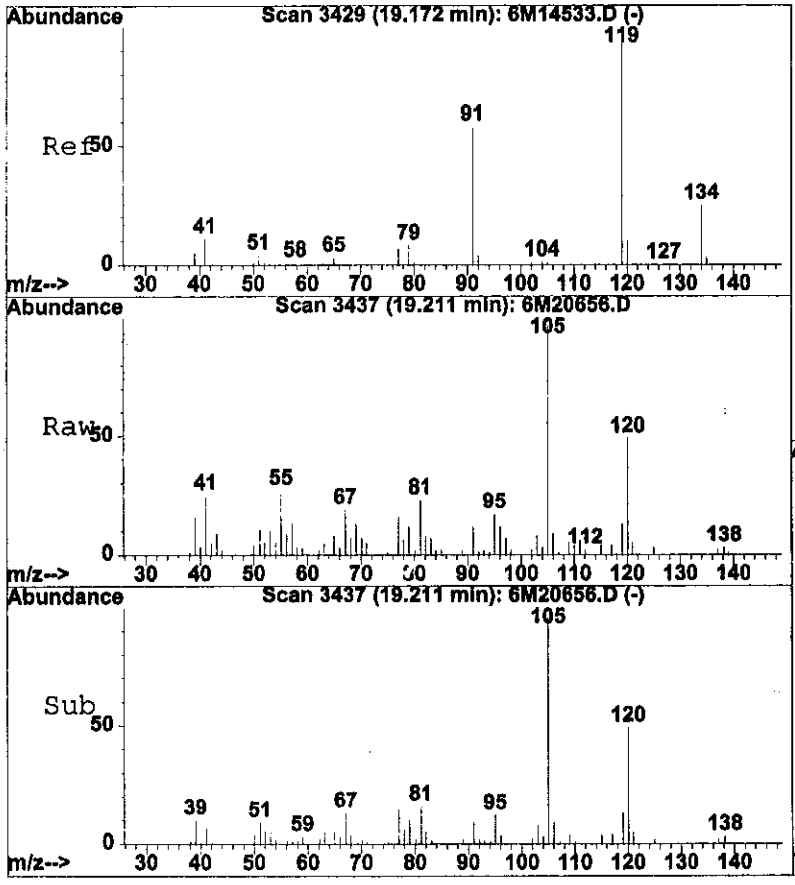


#71
1,3,5-Trimethylbenzene
Concen: 1.01 ug/kg
RT: 18.60 min Scan# 3321
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:105 Resp: 38906

Ion	Ratio	Lower	Upper
105	100		
120	47.4	38.2	57.4

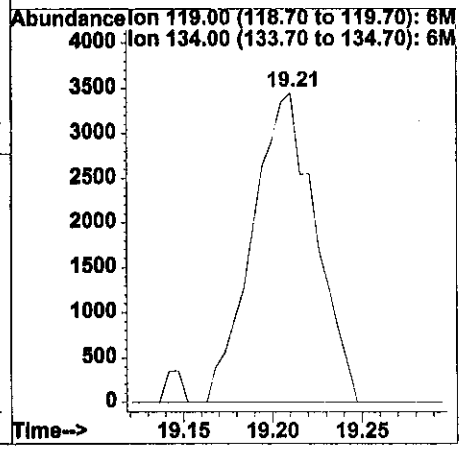


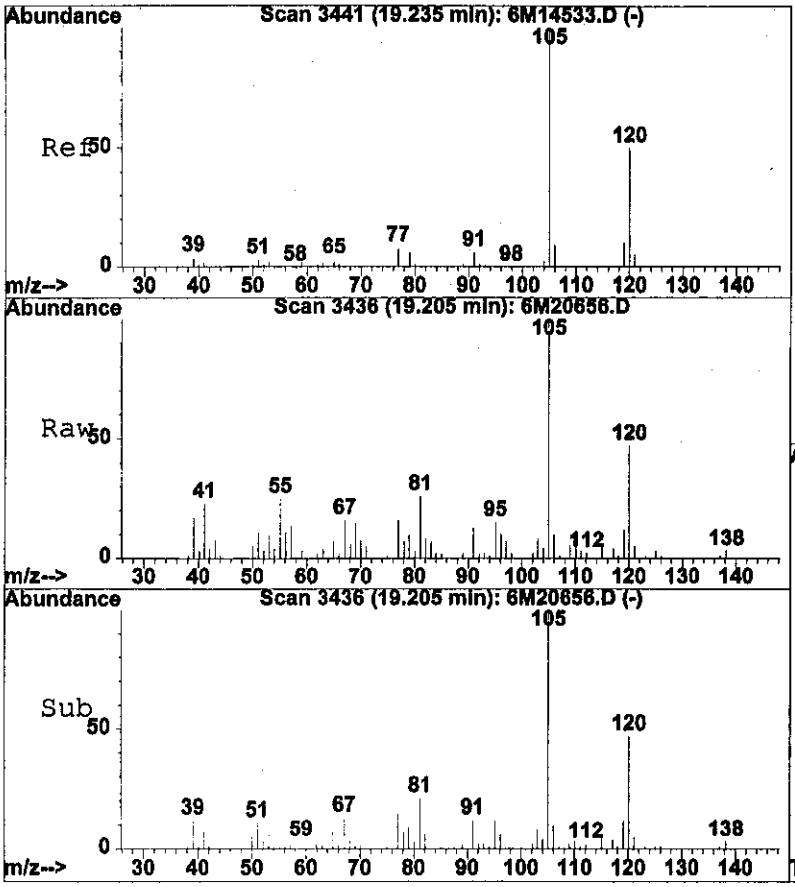


#75
tert-Butylbenzene
Concen: 0.24 ug/kg
RT: 19.21 min Scan# 3437
Delta R.T. 0.07 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:119 Resp: 8480

Ion	Ratio	Lower	Upper
119	100		
134	0.0	19.3	28.9#

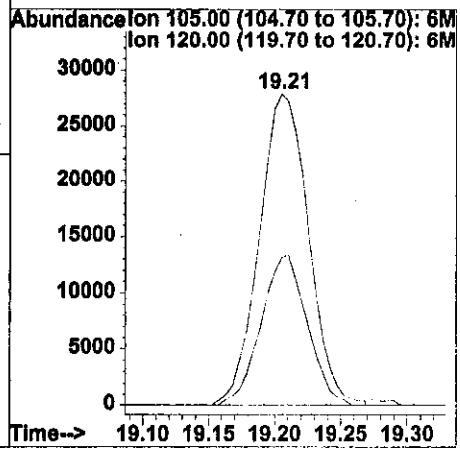


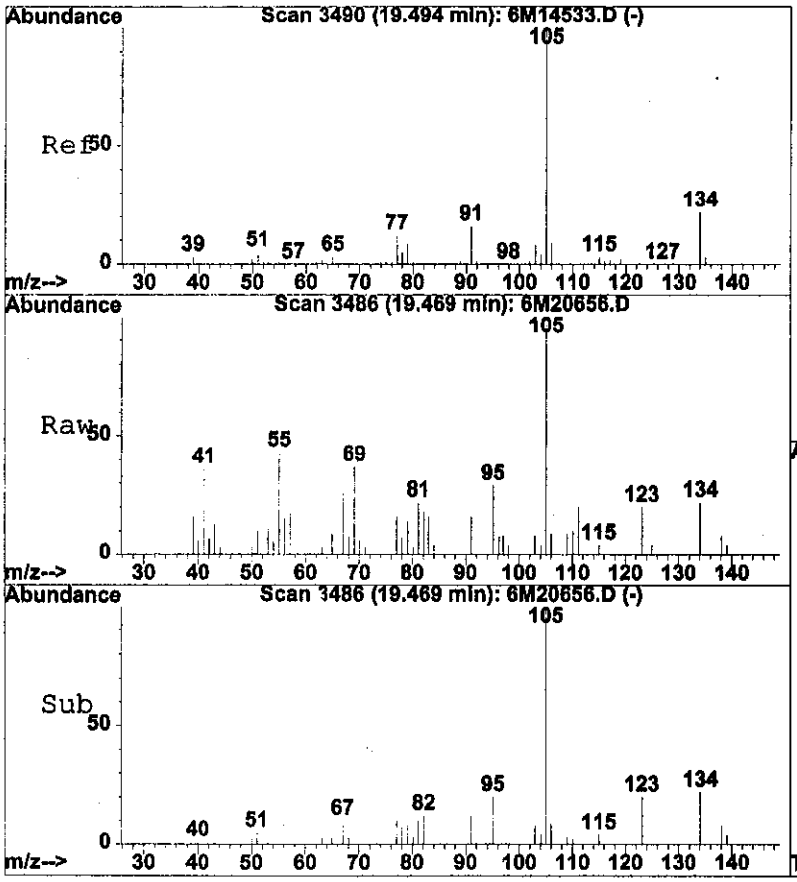


#76
1,2,4-Trimethylbenzene
Concen: 1.80 ug/kg
RT: 19.21 min Scan# 3436
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:105 Resp: 71797

Ion	Ratio	Lower	Upper
105	100		
120	45.1	35.9	53.9

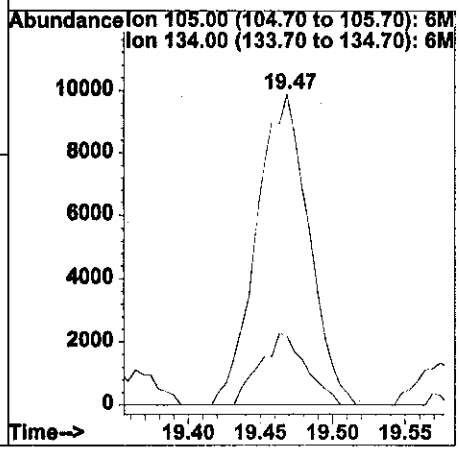


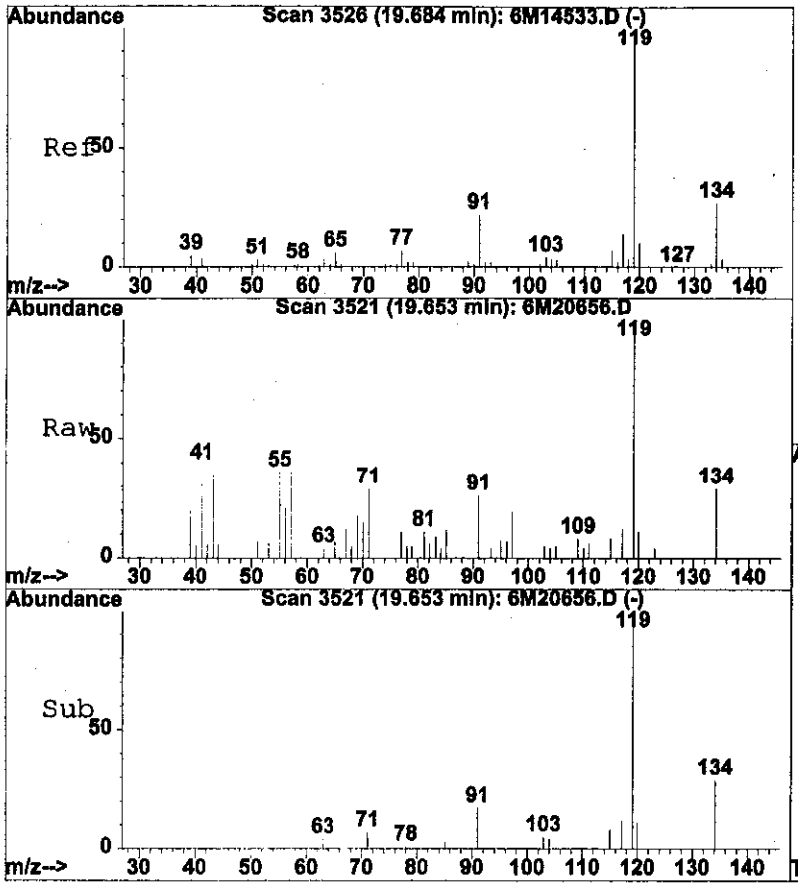


#77
sec-Butylbenzene
Concen: 0.50 ug/kg
RT: 19.47 min Scan# 3486
Delta R.T. 0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:105 Resp: 24851

Ion	Ratio	Lower	Upper
105	100		
134	20.2	15.8	23.6

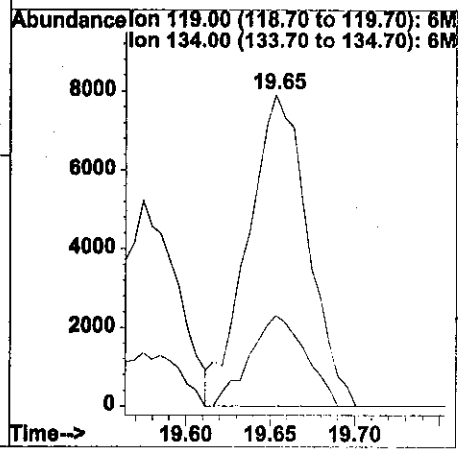


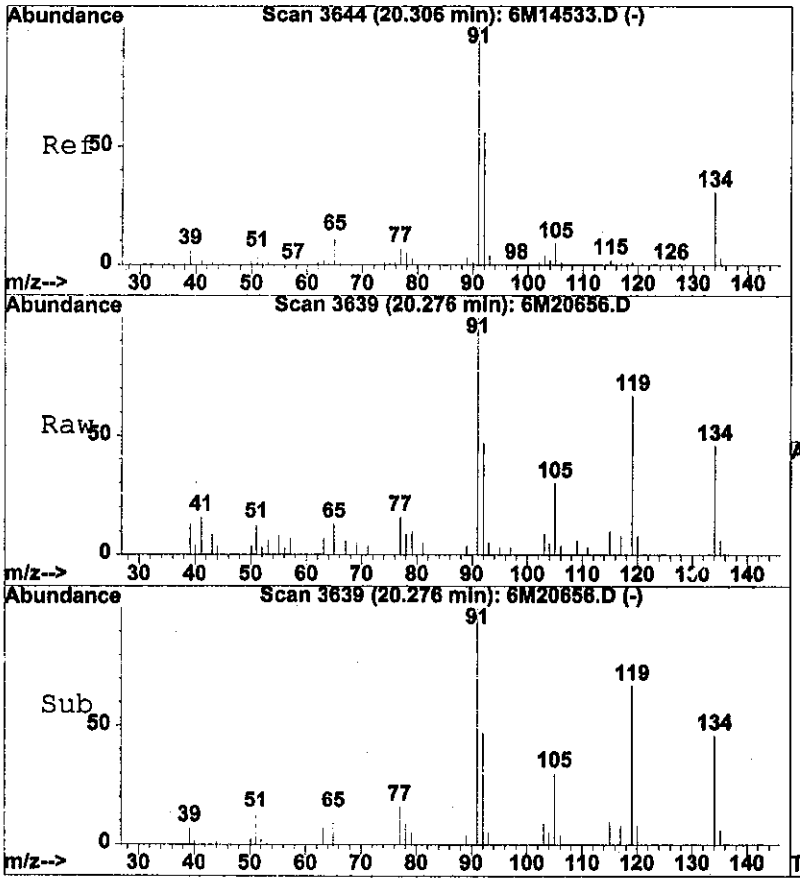


#78
p-Isopropyltoluene
Concen: 0.46 ug/kg
RT: 19.65 min Scan# 3521
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:119 Resp: 19569

Ion	Ratio	Lower	Upper
119	100		
134	27.1	21.4	32.2

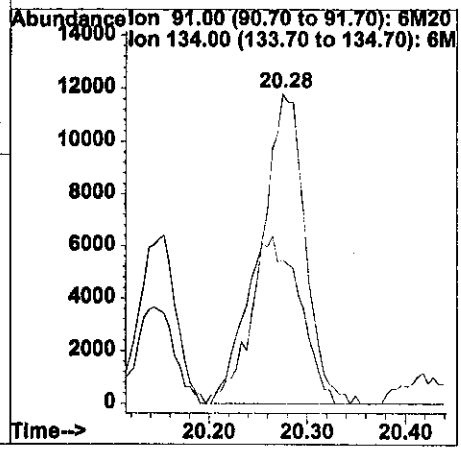


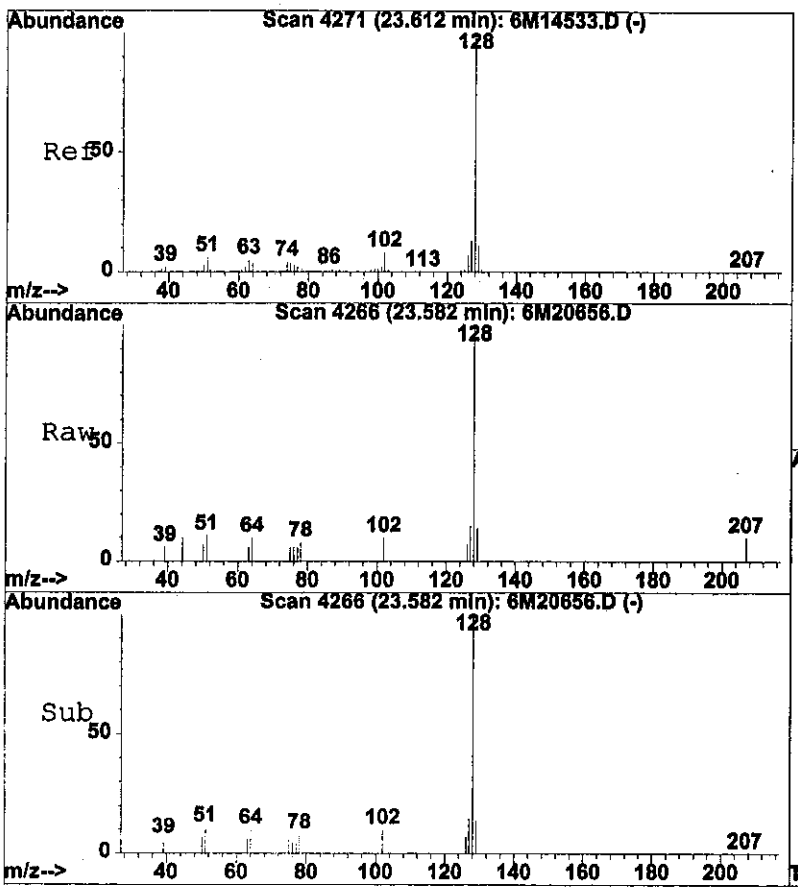


#81
n-Butylbenzene
Concen: 0.90 ug/kg
RT: 20.28 min Scan# 3639
Delta R.T. -0.00 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion: 91 Resp: 36486

Ion	Ratio	Lower	Upper
91	100		
134	67.3	19.5	29.3#

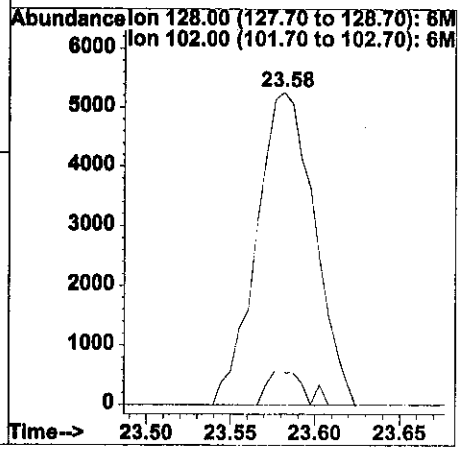




#86
Naphthalene
Concen: 0.35 ug/kg
RT: 23.58 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20656.D
Acq: 19 Jun 2000 17:48

Tgt Ion:128 Resp: 12500

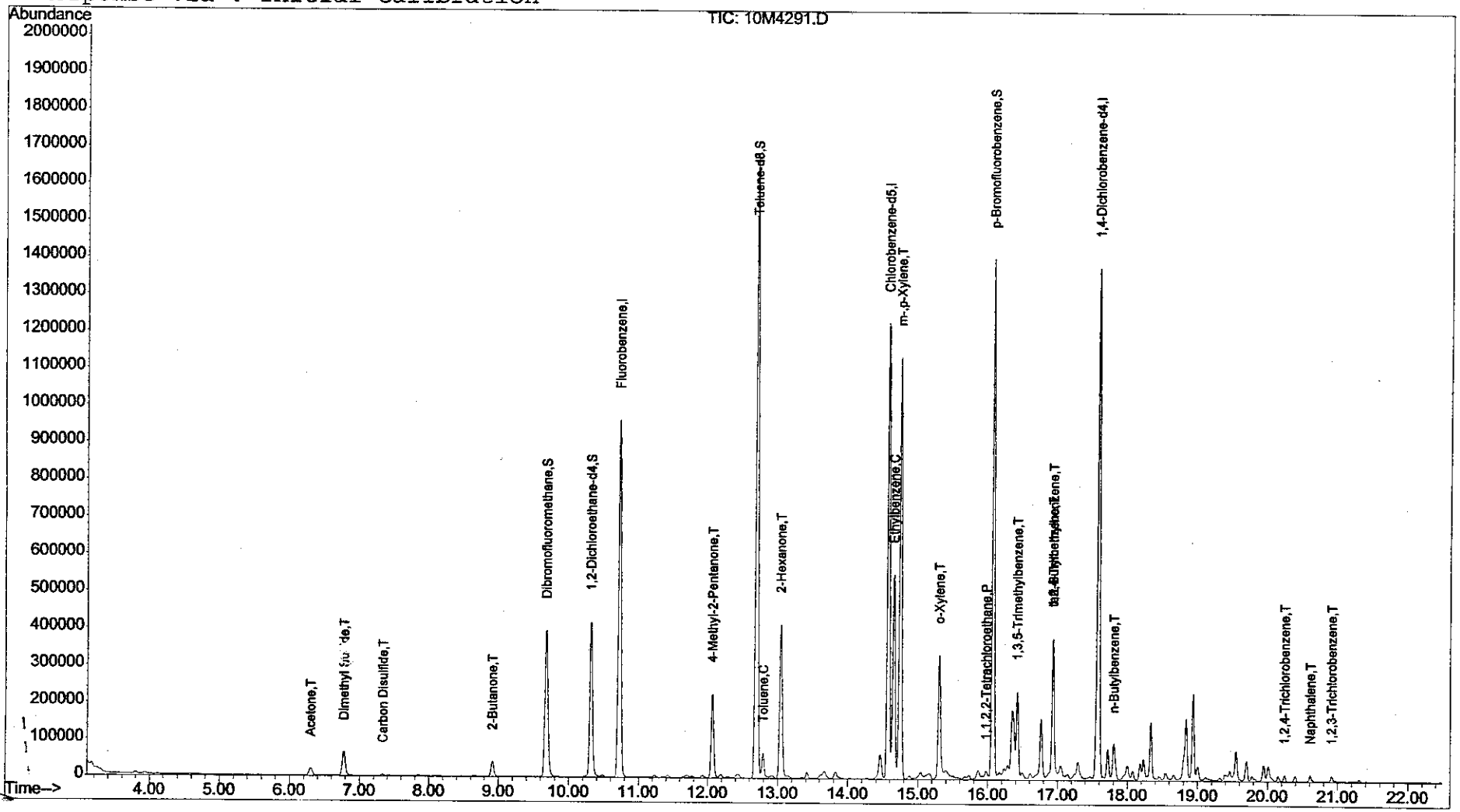
Ion	Ratio	Lower	Upper
128	100		
102	6.9	7.2	10.8#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4291.D Vial: 5
Acq On : 20 Jun 2000 23:46 Operator: MES
Sample : L0006193-14 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 0:09 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



10M4291.D 8260WTR.M Wed Jun 21 00:09:13 2000

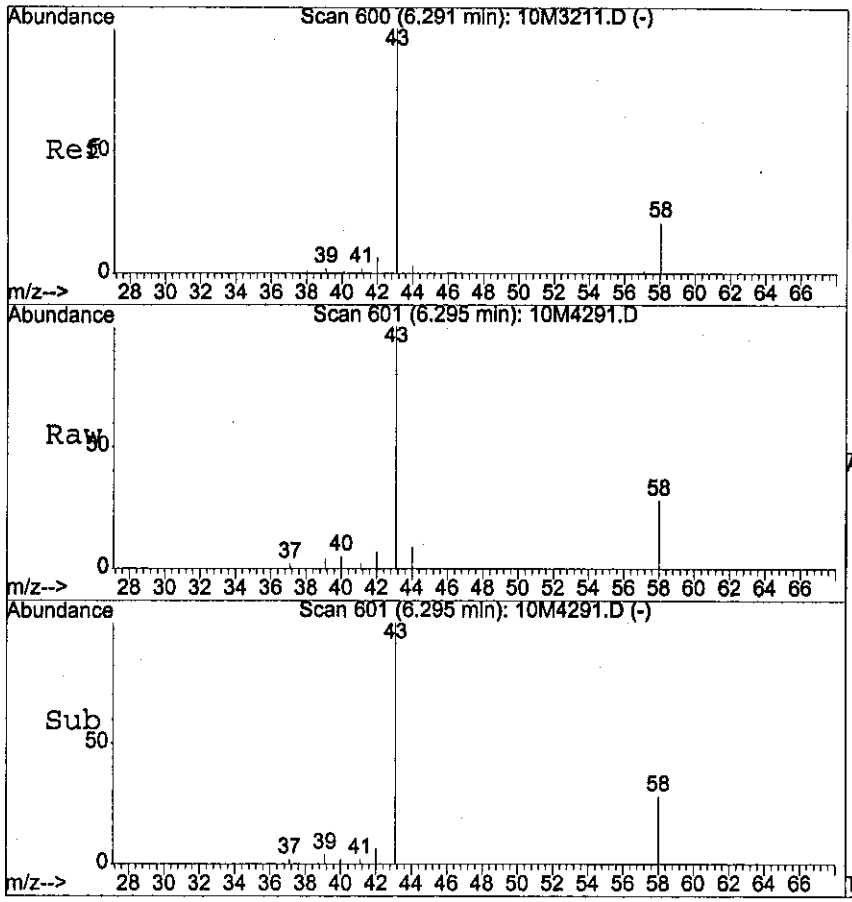
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4291.D Vial: 5
Acq On : 20 Jun 2000 23:46 Operator: MES
Sample : L0006193-14 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 0:09 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	1086690	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	763675	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	397688	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	354412	23.02	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 92.08%			
33) 1,2-Dichloroethane-d4	10.31	65	433861	21.13	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 84.52%			
45) Toluene-d8	12.69	98	1405313	25.97	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 103.88%			
66) p-Bromofluorobenzene	16.07	95	579492	26.98	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.92%			
Target Compounds						Qvalue
11) Acetone	6.30	43	47273	~~17.41 ug/L~~		97
13) Dimethyl Sulfide	6.77	62	48076	~~2.82 ug/L~~		94
16) Carbon Disulfide	7.34	76	9856	~~0.21 ug/L~~	#	74
23) 2-Butanone	8.92	43	80454	~~20.70 ug/L~~		97
41) 4-Methyl-2-Pentanone	12.07	58	80412	25.51 ug/L	#	94
46) Toluene	12.80	91	58534	~~0.91 ug/L~~		99
50) 2-Hexanone	13.04	43	574169	95.66 ug/L	# NTC	35
58) Ethylbenzene	14.65	106	145802	6.28 ug/L		84
59) m-,p-Xylene	14.74	106	386406	13.47 ug/L		77
60) o-Xylene	15.30	106	107353	3.79 ug/L		78
65) 1,1,2,2-Tetrachloroethane	15.98	83	2749	0.31 ug/L	#	73
71) 1,3,5-Trimethylbenzene	16.42	105	166844	2.96 ug/L		88
75) tert-Butylbenzene	16.93	119	30794	0.62 ug/L	#	24
76) 1,2,4-Trimethylbenzene	16.93	105	265017	4.21 ug/L		90
81) n-Butylbenzene	17.81	91	29128	0.51 ug/L	#	1
84) 1,2,4-Trichlorobenzene	20.24	180	6201	0.30 ug/L		89
86) Naphthalene	20.61	128	15583	0.59 ug/L		99
87) 1,2,3-Trichlorobenzene	20.91	180	7668	0.53 ug/L		95

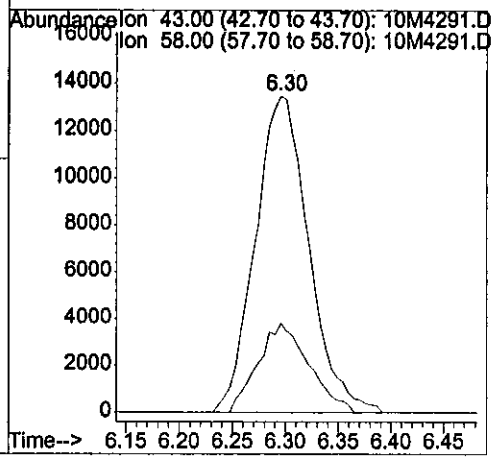
(#) = qualifier out of range (m) = manual integration

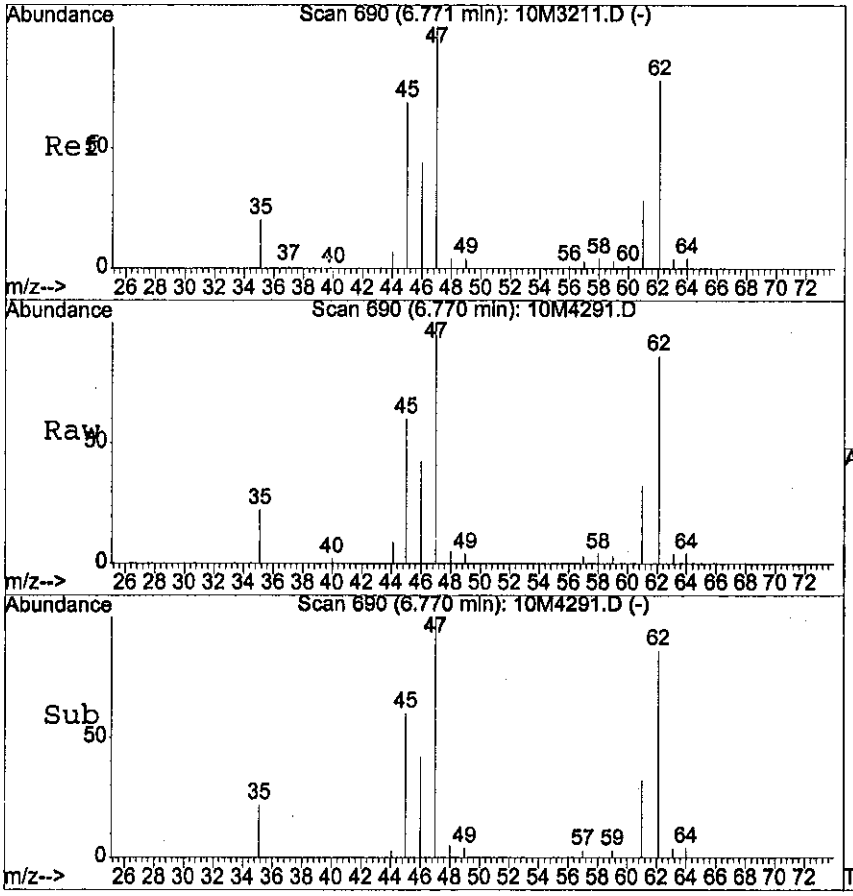


#11
Acetone
Concen: 17.41 ug/L
RT: 6.30 min Scan# 601
Delta R.T. -0.01 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 43 Resp: 47273

Ion	Ratio	Lower	Upper
43	100		
58	26.8	22.6	34.0

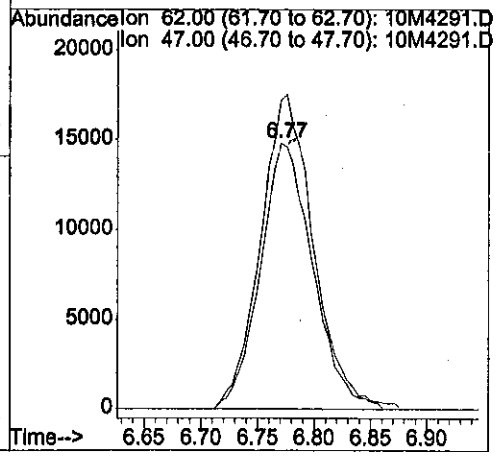


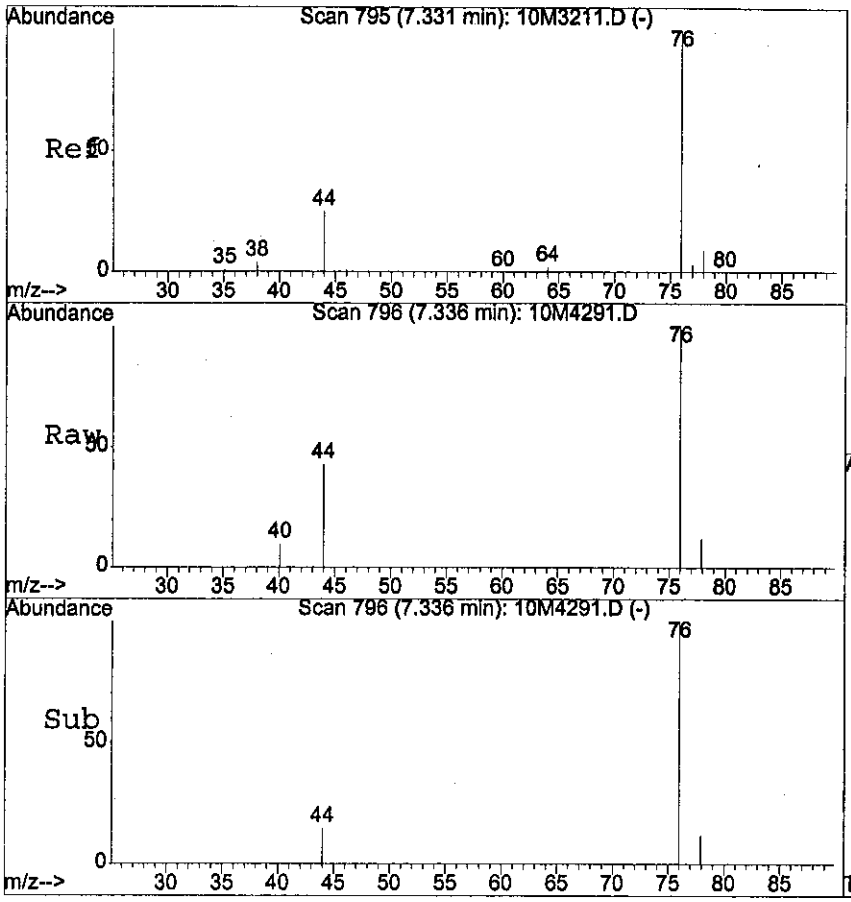


#13
Dimethyl Sulfide
Concen: 2.82 ug/L
RT: 6.77 min Scan# 690
Delta R.T. 0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 62 Resp: 48076

Ion	Ratio	Lower	Upper
62	100		
47	119.1	89.9	134.9

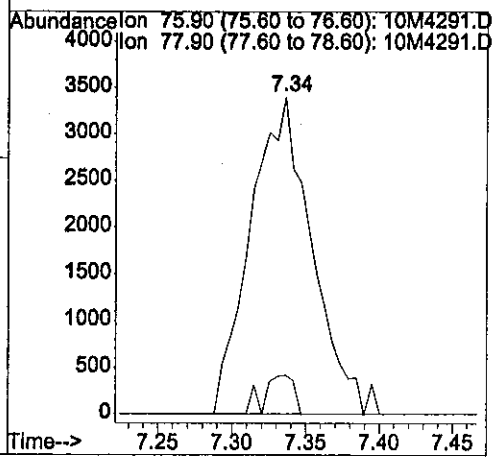


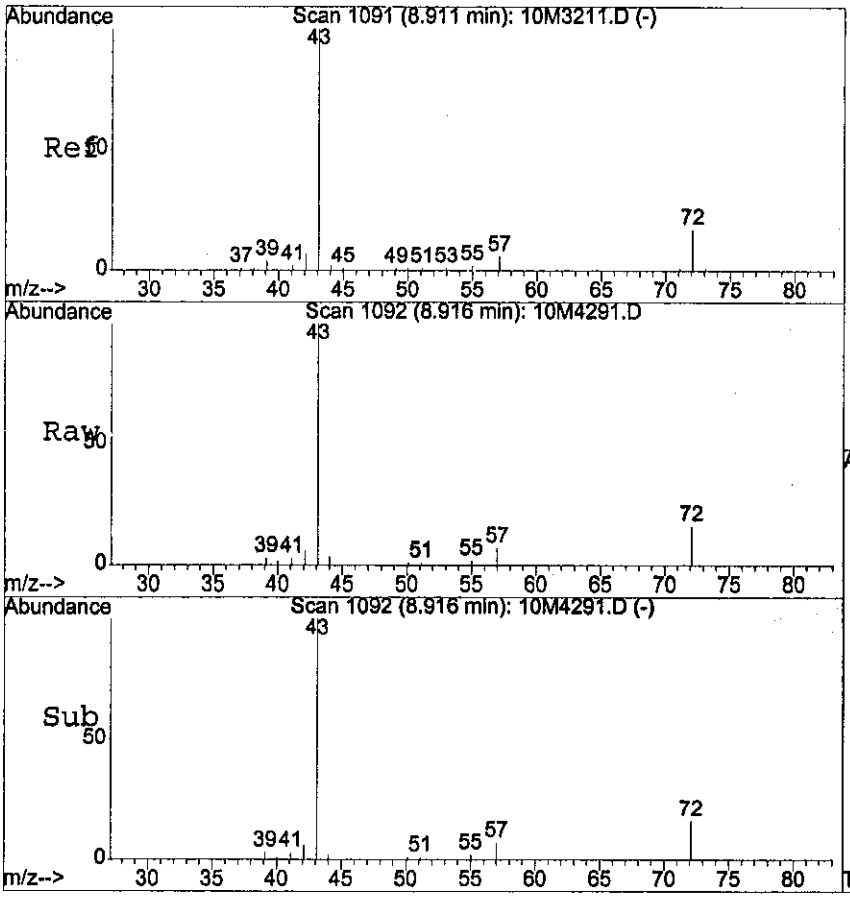


#16
Carbon Disulfide
Concen: 0.21 ug/L
RT: 7.34 min Scan# 796
Delta R.T. 0.01 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 76 Resp: 9856

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.4	11.2#

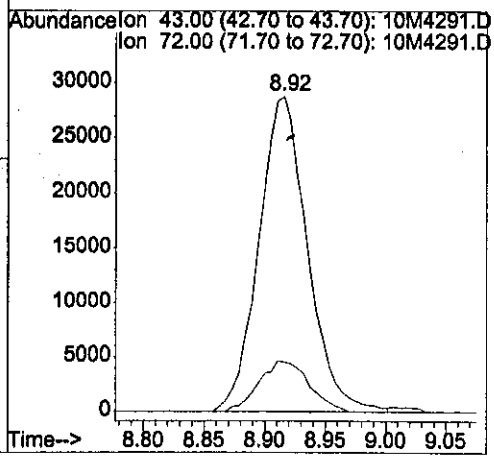


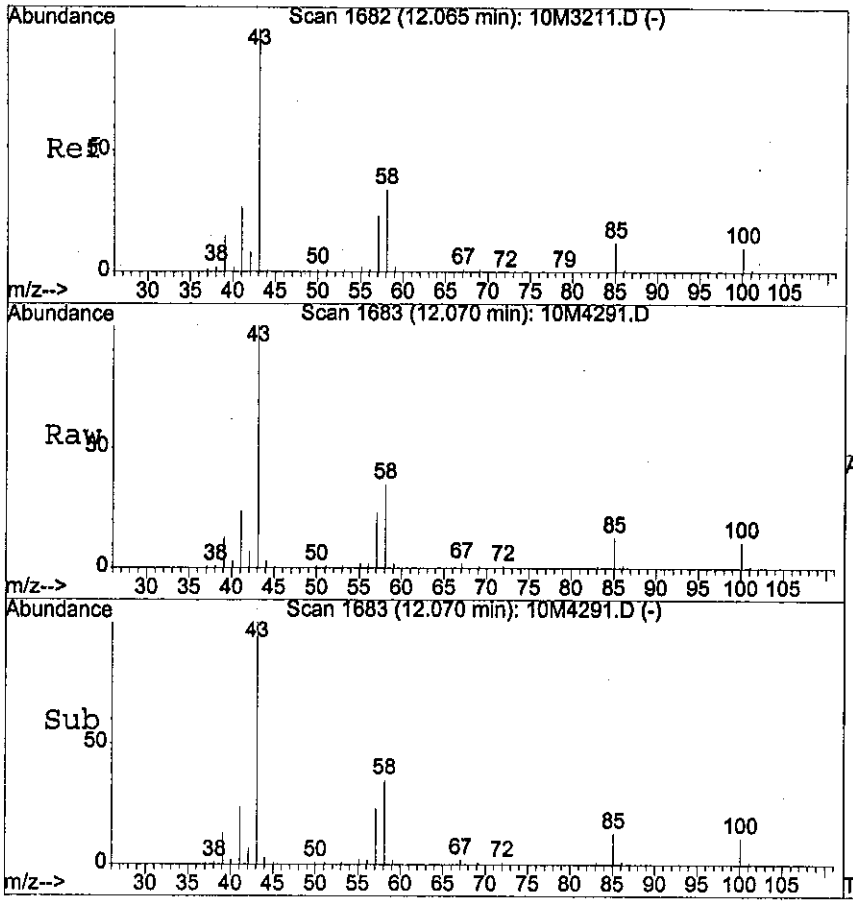


#23
2-Butanone
Concen: 20.70 ug/L
RT: 8.92 min Scan# 1092
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 43 Resp: 80454

Ion	Ratio	Lower	Upper
43	100		
72	16.5	14.4	21.6

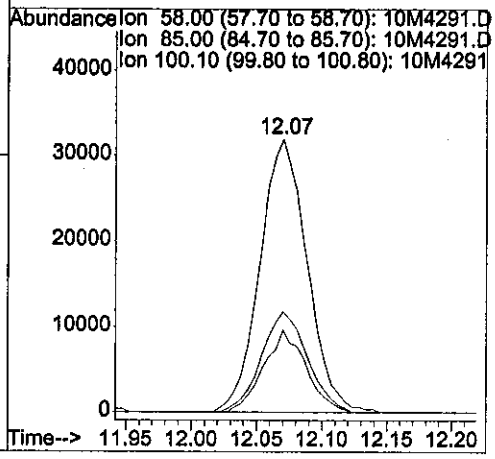


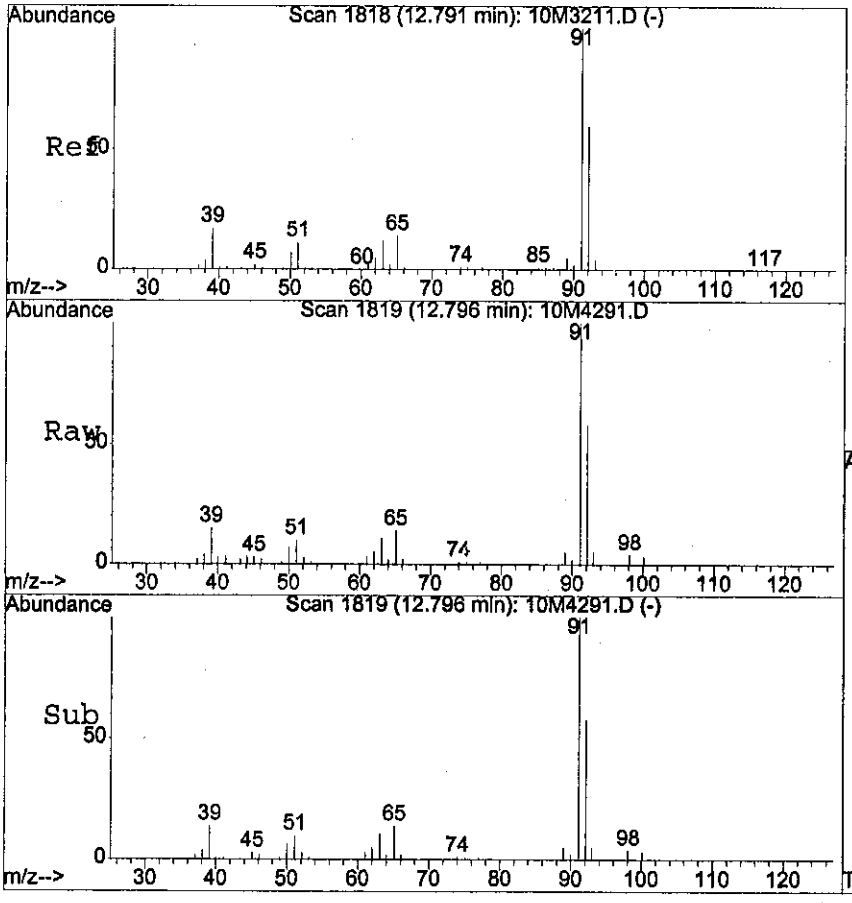


#41
4-Methyl-2-Pentanone
Concen: 25.51 ug/L
RT: 12.07 min Scan# 1683
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 58 Resp: 80412

Ion	Ratio	Lower	Upper
58	100		
85	36.1	28.6	42.8
100	27.2	27.3	40.9#

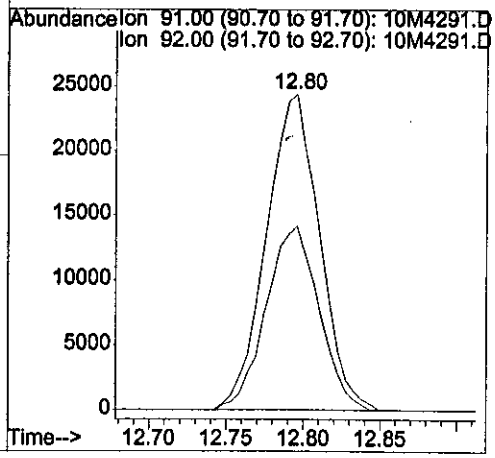


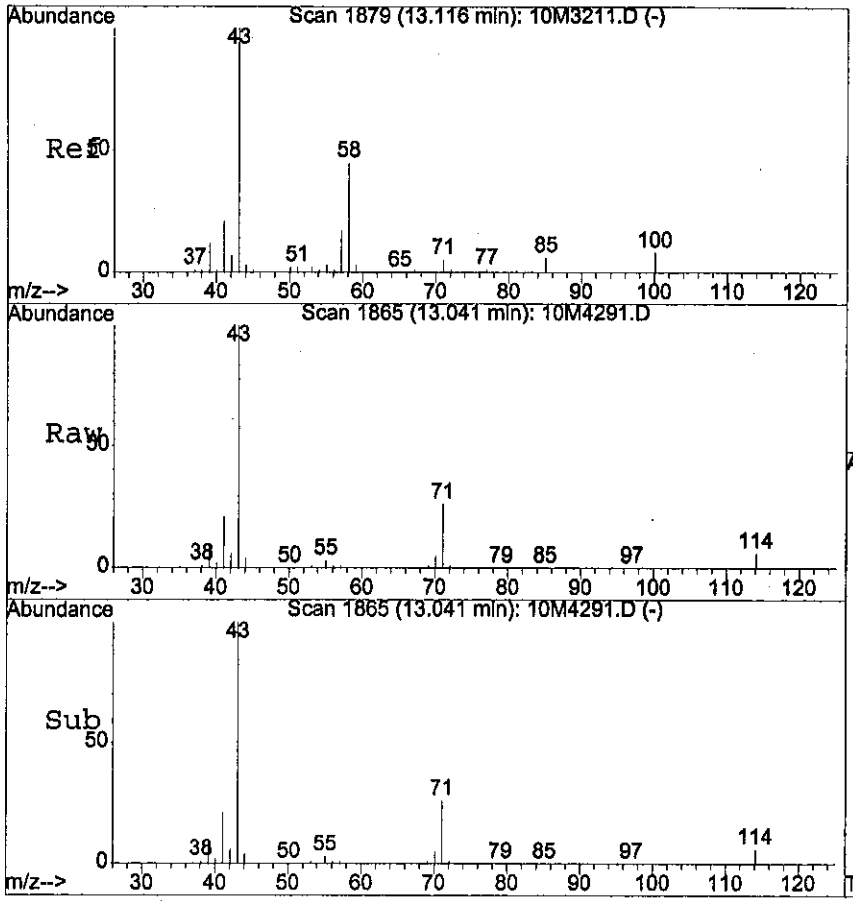


#46
Toluene
Concen: 0.91 ug/L
RT: 12.80 min Scan# 1819
Delta R.T. 0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 91 Resp: 58534

Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.3	70.9

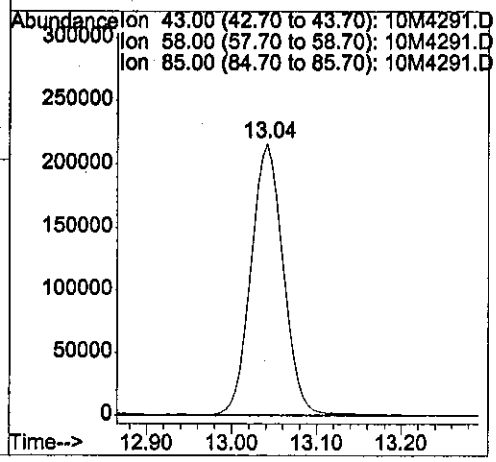


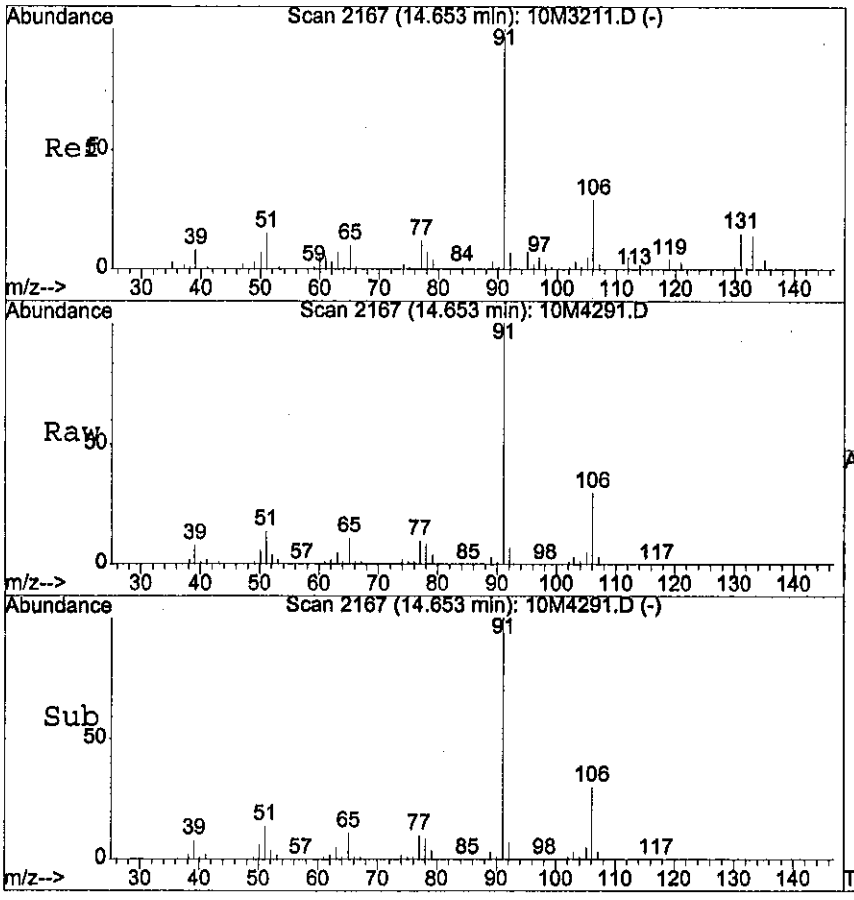


#50
2-Hexanone
Concen: 95.66 ug/L
RT: 13.04 min Scan# 1865
Delta R.T. -0.08 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 43 Resp: 574169

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
85	0.0	4.7	7.1#

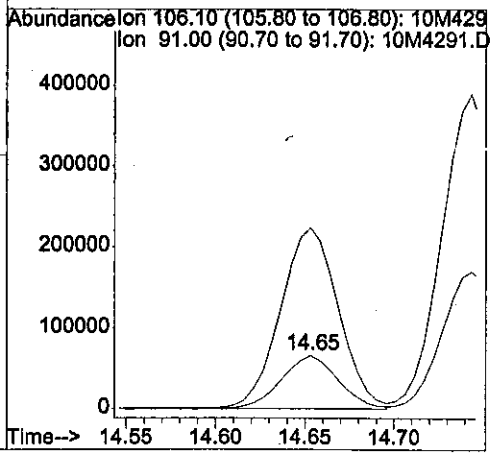


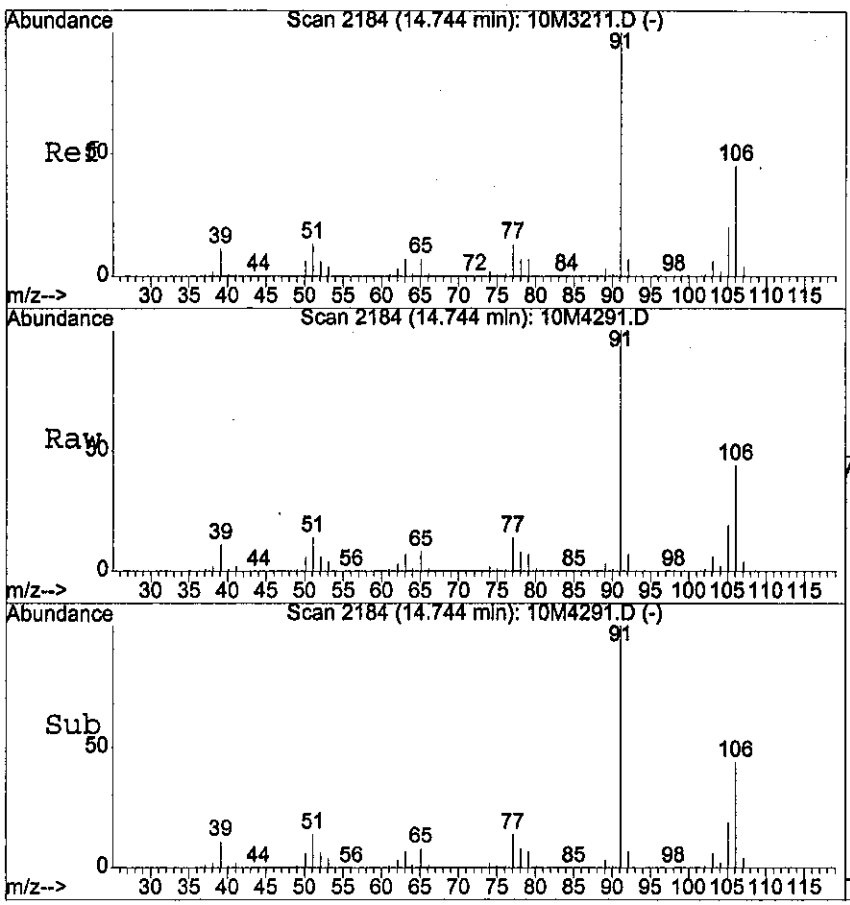


#58
Ethylbenzene
Concen: 6.28 ug/L
RT: 14.65 min Scan# 2167
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:106 Resp: 145802

Ion	Ratio	Lower	Upper
106	100		
91	347.0	251.4	377.2

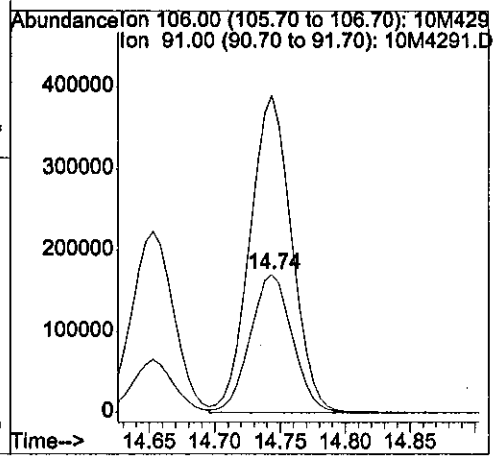


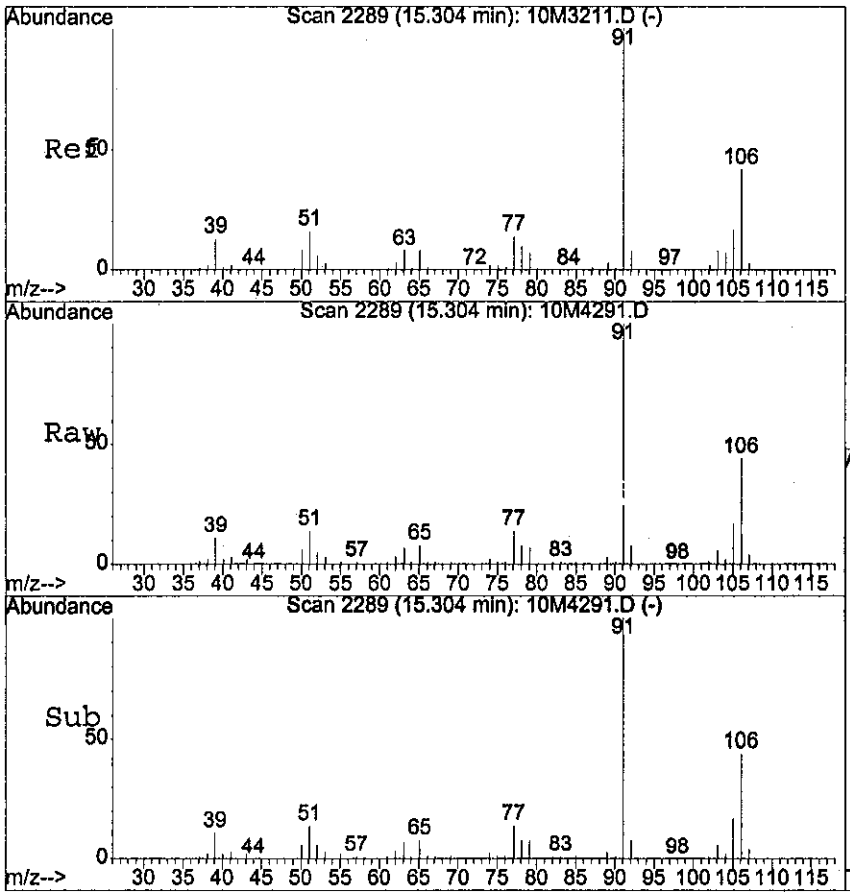


#59
m-,p-Xylene
Concen: 13.47 ug/L
RT: 14.74 min Scan# 2184
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:106 Resp: 386406

Ion	Ratio	Lower	Upper
106	100		
91	225.8	153.8	230.6

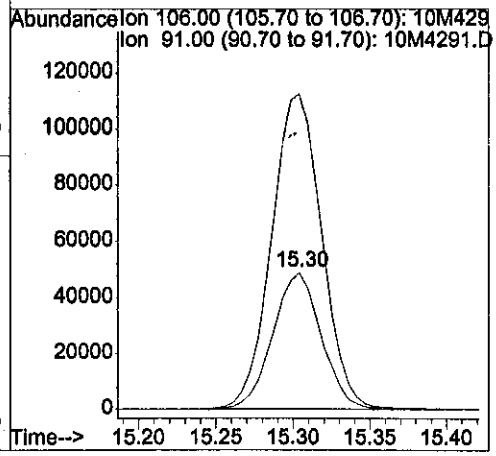


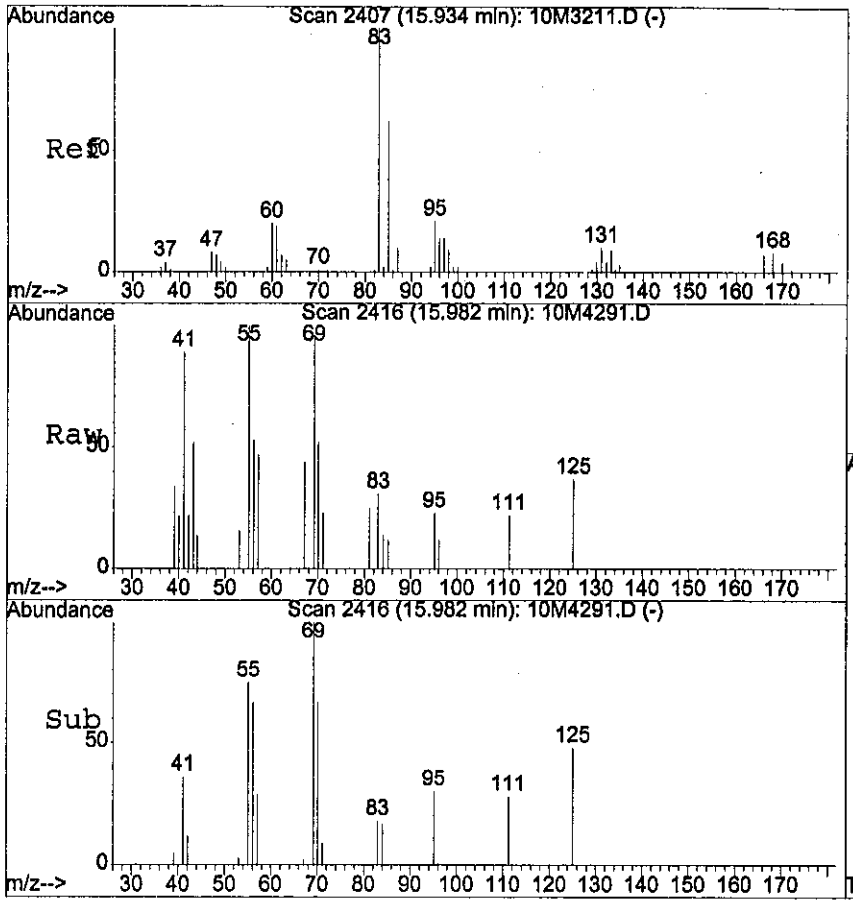


#60
o-Xylene
Concen: 3.79 ug/L
RT: 15.30 min Scan# 2289
Delta R.T. 0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:106 Resp: 107353

Ion	Ratio	Lower	Upper
106	100		
91	238.3	163.8	245.8

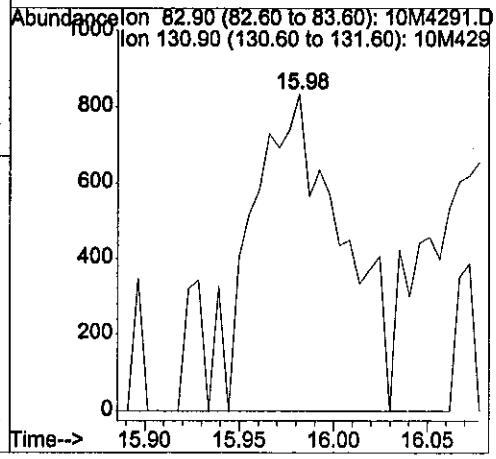


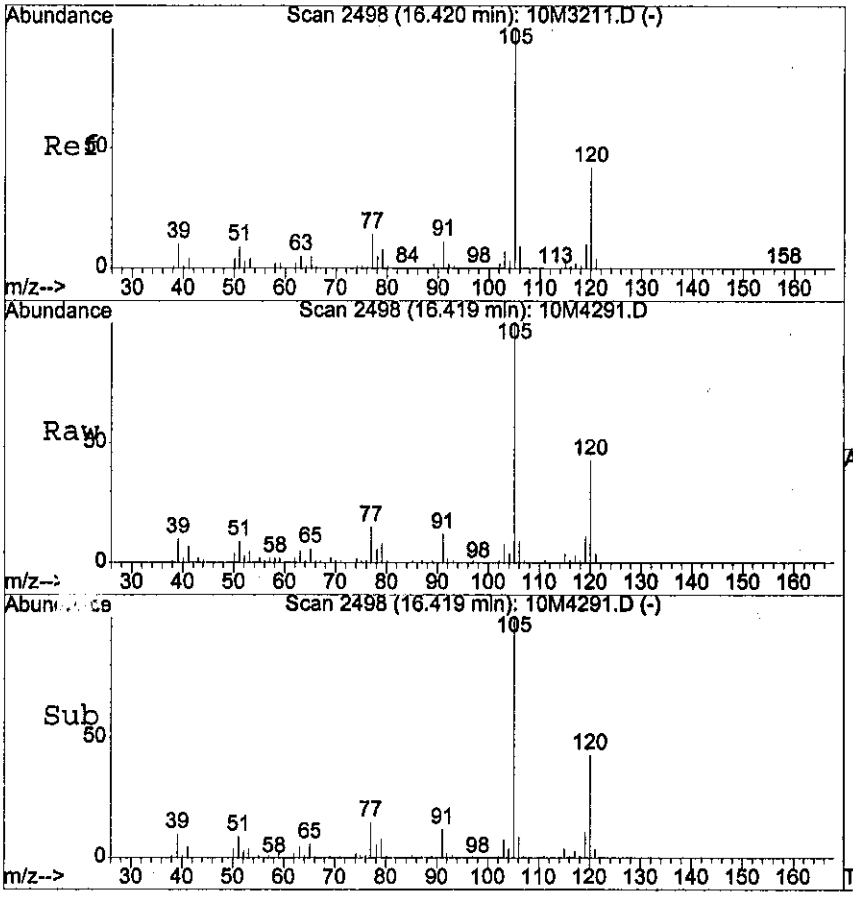


#65
1,1,2,2-Tetrachloroethane
Concen: 0.31 ug/L
RT: 15.98 min Scan# 2416
Delta R.T. 0.05 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 83 Resp: 2749

Ion	Ratio	Lower	Upper
83	100		
131	0.0	8.2	12.2#

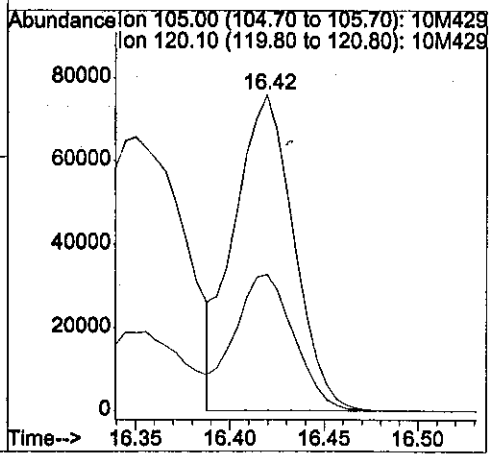


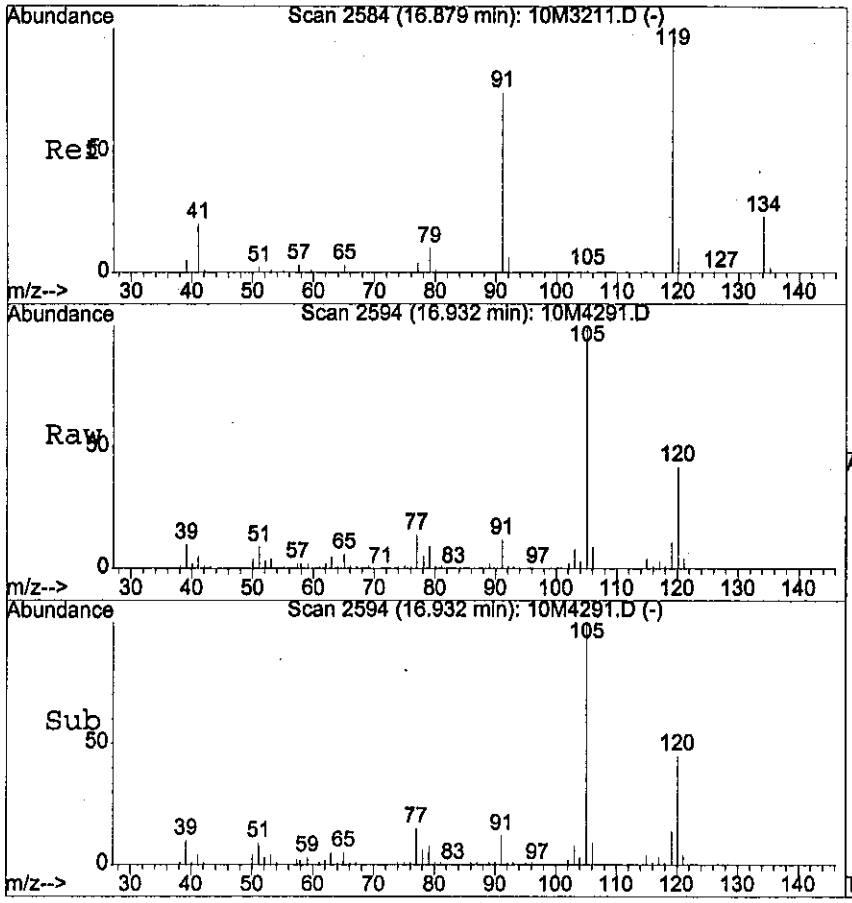


#71
1,3,5-Trimethylbenzene
Concen: 2.96 ug/L
RT: 16.42 min Scan# 2498
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:105 Resp: 166844

Ion	Ratio	Lower	Upper
105	100		
120	43.5	41.4	62.2

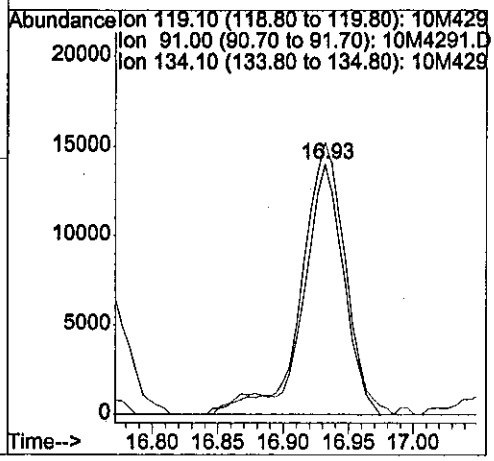


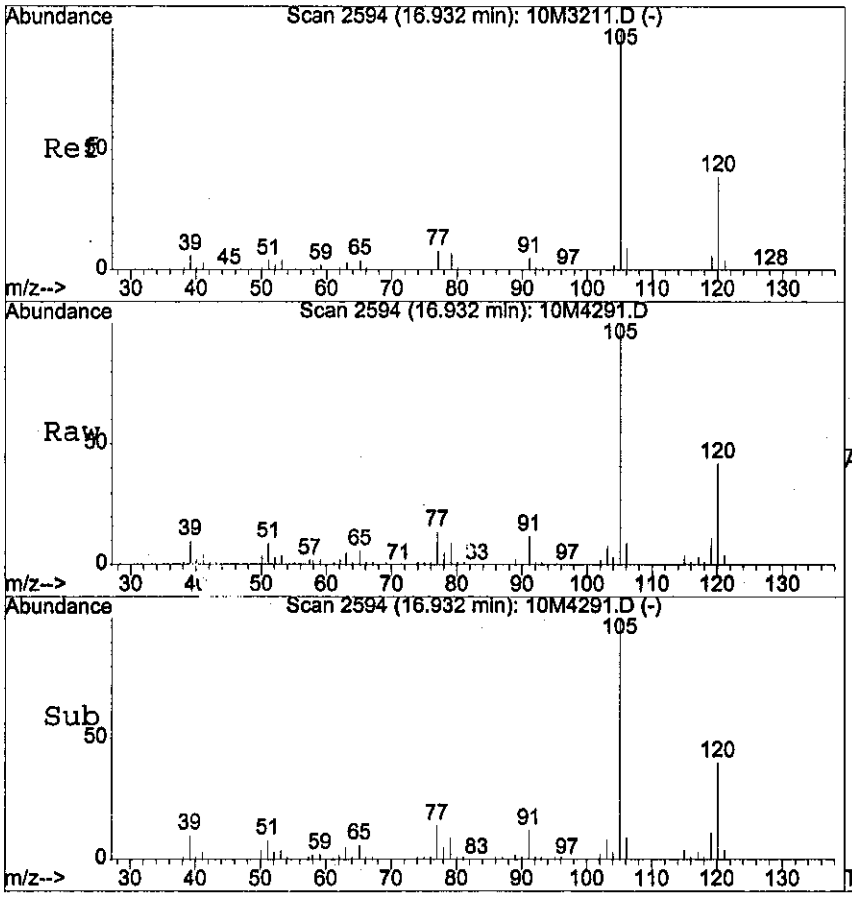


#75
tert-Butylbenzene
Concen: 0.62 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. 0.05 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:119 Resp: 30794

Ion	Ratio	Lower	Upper
119	100		
91	108.9	38.6	57.8#
134	0.0	18.9	28.3#

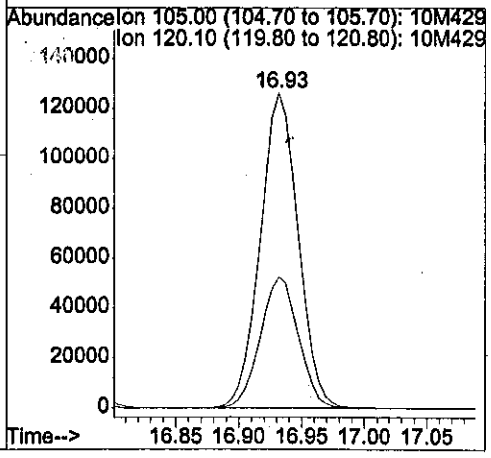


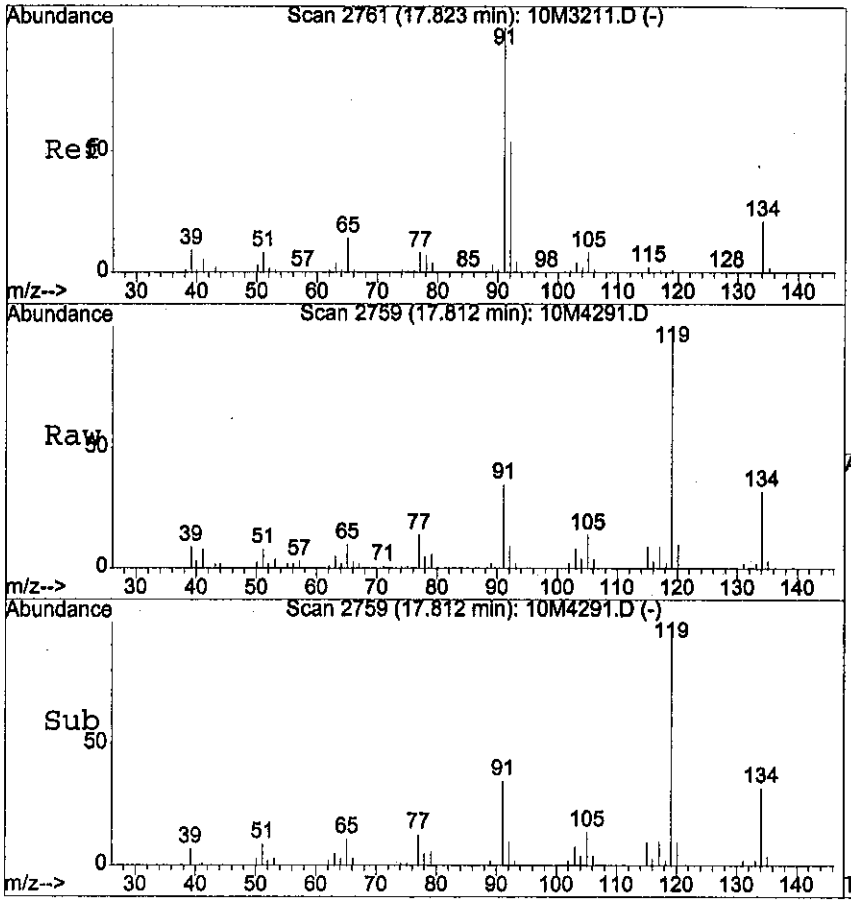


#76
1,2,4-Trimethylbenzene
Concen: 4.21 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:105 Resp: 265017

Ion	Ratio	Lower	Upper
105	100		
120	41.7	39.0	58.6

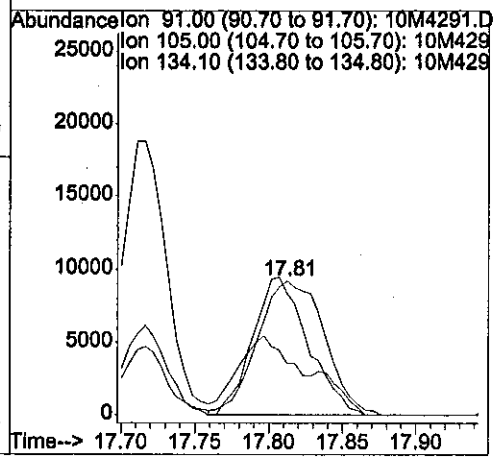


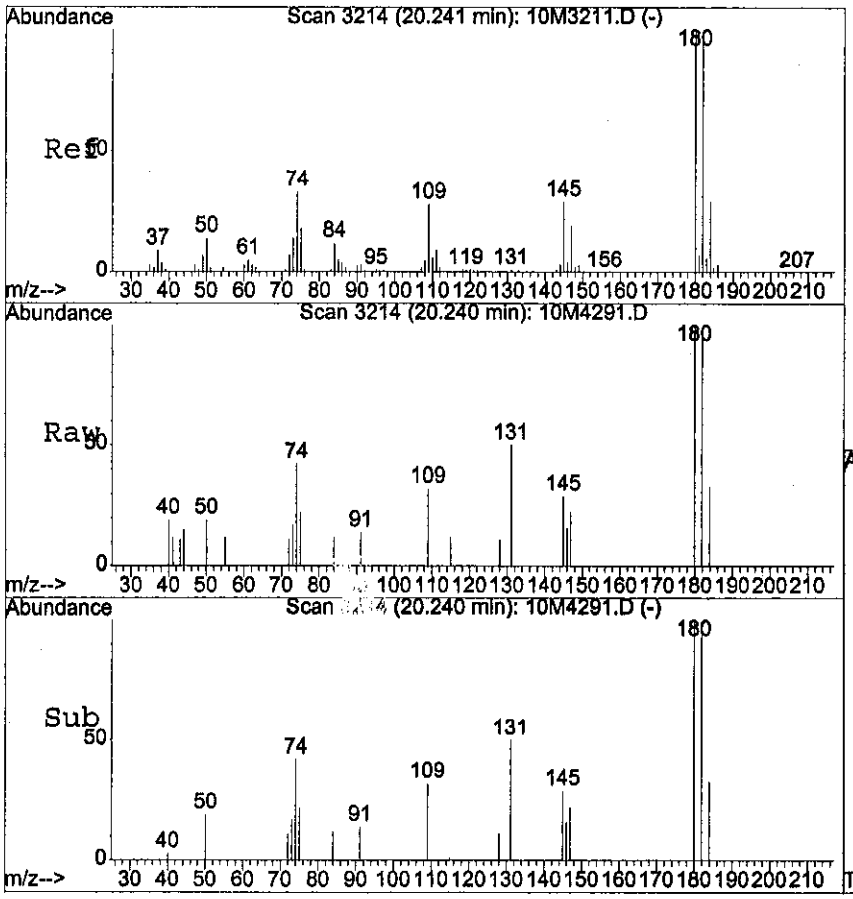


#81
n-Butylbenzene
Concen: 0.51 ug/L
RT: 17.81 min Scan# 2759
Delta R.T. -0.01 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion: 91 Resp: 29128

Ion	Ratio	Lower	Upper
91	100		
105	38.5	6.9	10.3#
134	85.3	22.0	33.0#

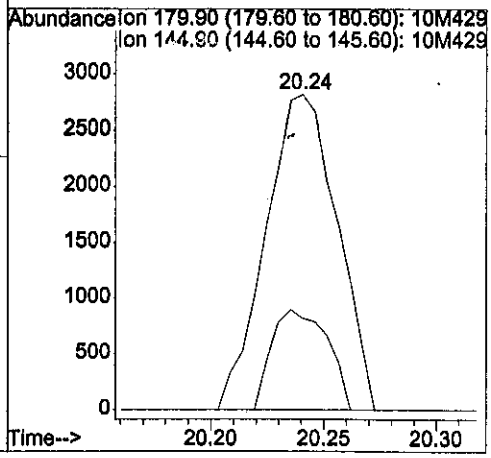


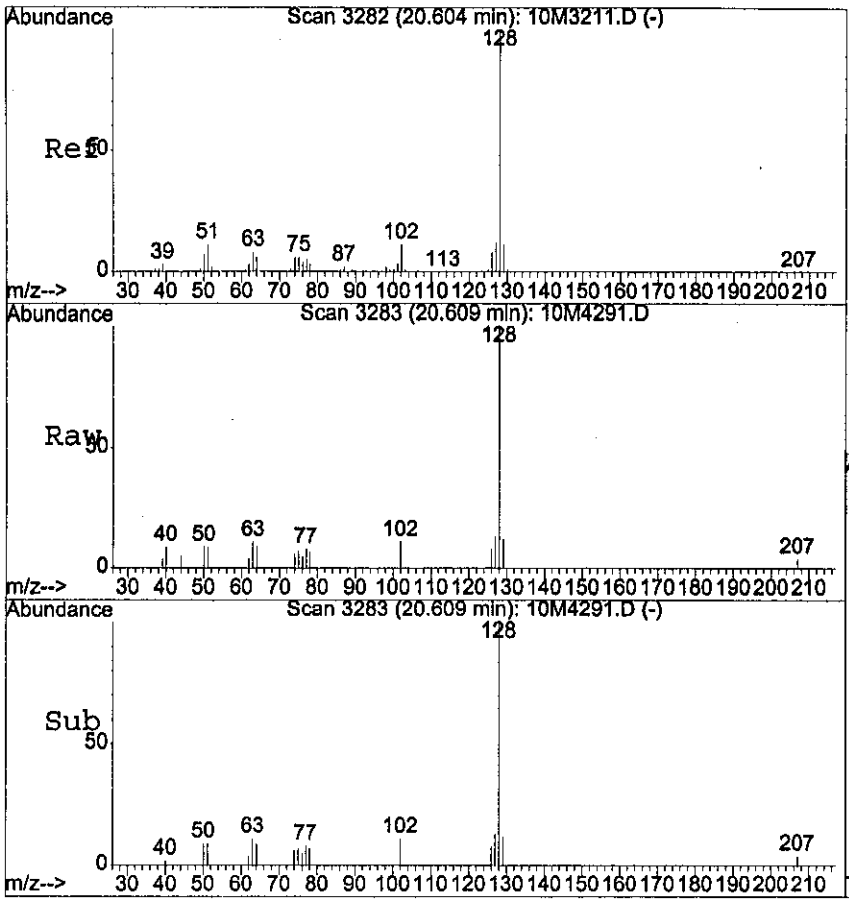


#84
1,2,4-Trichlorobenzene
Concen: 0.30 ug/L
RT: 20.24 min Scan# 3214
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:180 Resp: 6201

Ion	Ratio	Lower	Upper
180	100		
145	25.0	24.6	37.0

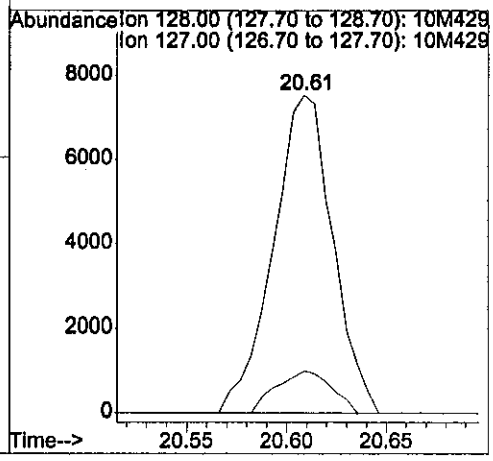


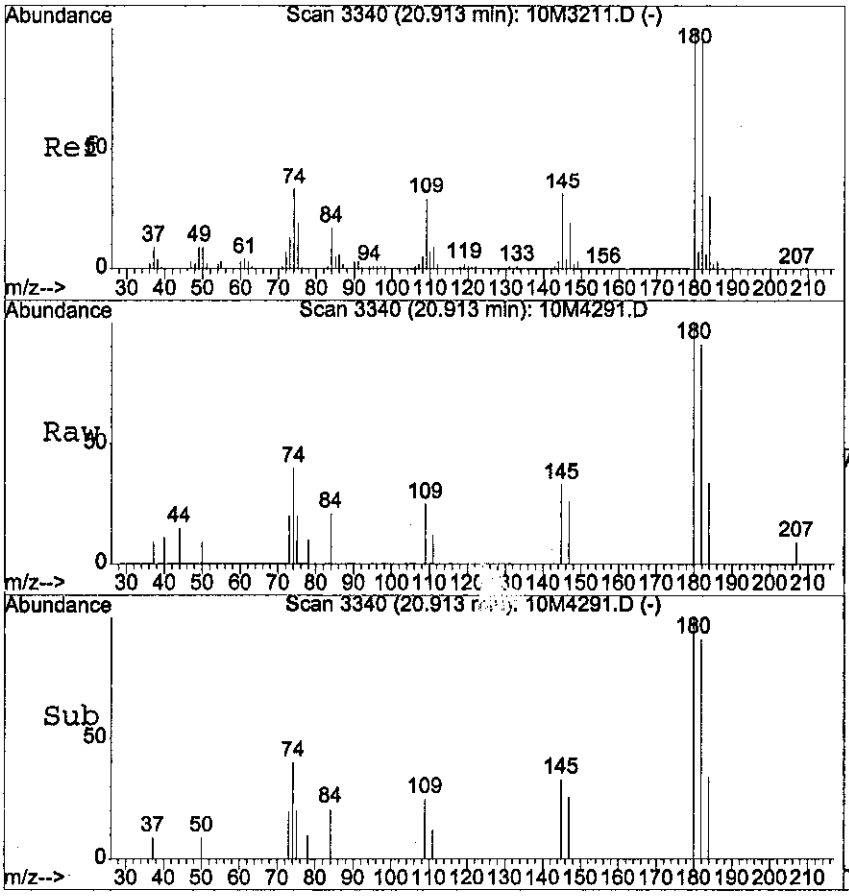


#86
Naphthalene
Concen: 0.59 ug/L
RT: 20.61 min Scan# 3283
Delta R.T. 0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:128 Resp: 15583

Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.2	15.4

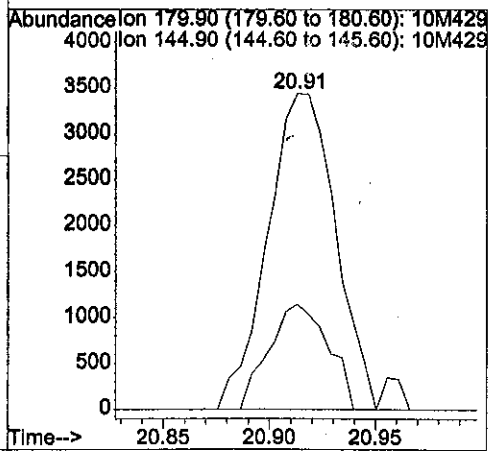




#87
1,2,3-Trichlorobenzene
Concen: 0.53 ug/L
RT: 20.91 min Scan# 3340
Delta R.T. -0.00 min
Lab File: 10M4291.D
Acq: 20 Jun 2000 23:46

Tgt Ion:180 Resp: 7668

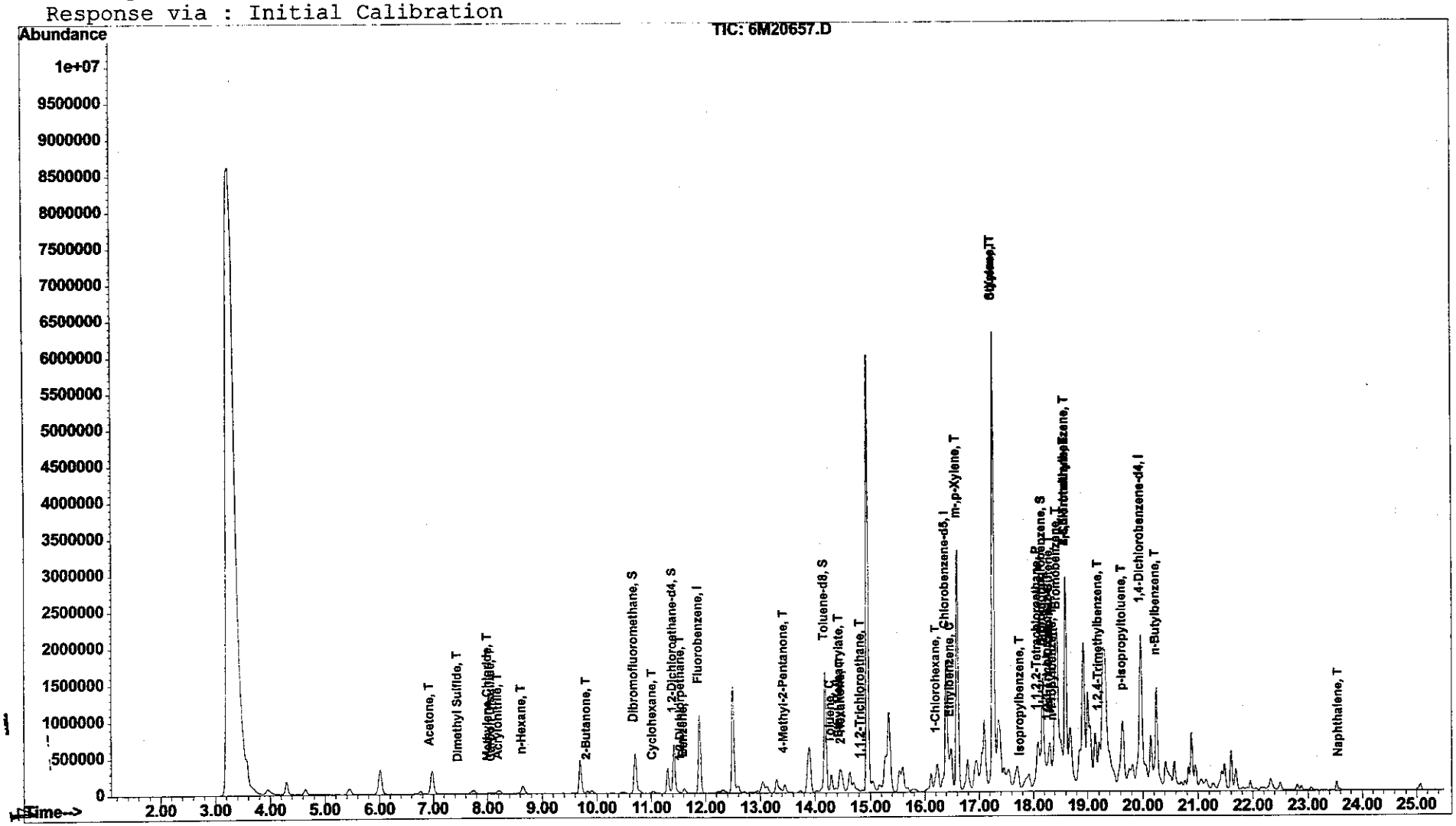
Ion	Ratio	Lower	Upper
180	100		
145	29.1	25.7	38.5



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20657.D Vial: 18
Acq On : 19 Jun 2000 18:20 Operator: CMS
Sample : L0006193-15 A IT CORP 826-SPE-VO 6.4G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:46 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20657.D Vial: 18
Acq On : 19 Jun 2000 18:20 Operator: CMS
Sample : L0006193-15 A IT CORP 826-SPE-VO 6.4G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:46 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1418636	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1079537	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.97	152	559443	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	478225	44.92	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.84%			
33) 1,2-Dichloroethane-d4	11.43	65	609974	47.72	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.44%			
45) Toluene-d8	14.18	98	1522458	47.38	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 94.76%			
66) p-Bromofluorobenzene	18.17	95	655457	52.30	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 104.60%			
Target Compounds						Qvalue
11) Acetone	6.95	43	219240	67.41	ug/kg#	1
13) Dimethyl Sulfide	7.48	62	2445	0.21	ug/kg#	1
15) Methylene Chloride	8.03	84	5365	0.63	ug/kg#	61J
16) Carbon Disulfide	8.09	76	16203	0.47	ug/kg	100
20) n-Hexane	8.65	57	88469	4.23	ug/kg#	82
23) 2-Butanone	9.83	43	68044	10.17	ug/kg	97J
30) Cyclohexane	11.05	56	31498	1.32	ug/kg#	79
34) 1,2-Dichloroethane	11.56	62	4628	0.26	ug/kg#	96
35) Benzene	11.62	78	57438	1.55	ug/kg#	81J
41) 4-Methyl-2-Pentanone	13.45	58	45762	11.25	ug/kg	98
46) Toluene	14.30	91	215440	5.38	ug/kg	99
47) Ethyl Methacrylate	14.45	69	54915	5.23	ug/kg#	60
49) 1,1,2-Trichloroethane	14.84	97	6621	0.84	ug/kg#	33
50) 2-Hexanone	14.49	43	129625	12.86	ug/kg#	80
55) 1-Chlorohexane	16.22	91	2977	0.22	ug/kg#	1
58) Ethylbenzene	16.49	106	116687	7.61	ug/kg	94
59) m-,p-Xylene	16.60	106	1399968	72.38	ug/kg	97
60) o-Xylene	17.26	106	2601022	140.63	ug/kg	96
61) Styrene	17.26	104	124747	4.00	ug/kg#	1
62) Bromoform	18.17	173	1467	0.26	ug/kg#	1
63) Isopropylbenzene	17.77	105	22131	0.46	ug/kg	98
65) 1,1,2,2-Tetrachloroethane	18.07	83	88836	9.88	ug/kg#	18
67) 1,2,3-Trichloropropane	18.28	110	5438	1.78	ug/kg#	24
68) trans-1,4-Dichloro-2-Buten	18.32	53	30819	8.35	ug/kg#	19
69) n-Propylbenzene	18.37	91	23959	0.46	ug/kg#	59
70) Bromobenzene	18.45	156	6958	0.64	ug/kg#	1
71) 1,3,5-Trimethylbenzene	18.60	105	2386697	64.00	ug/kg	99

(#) = qualifier out of range (m) = manual integration

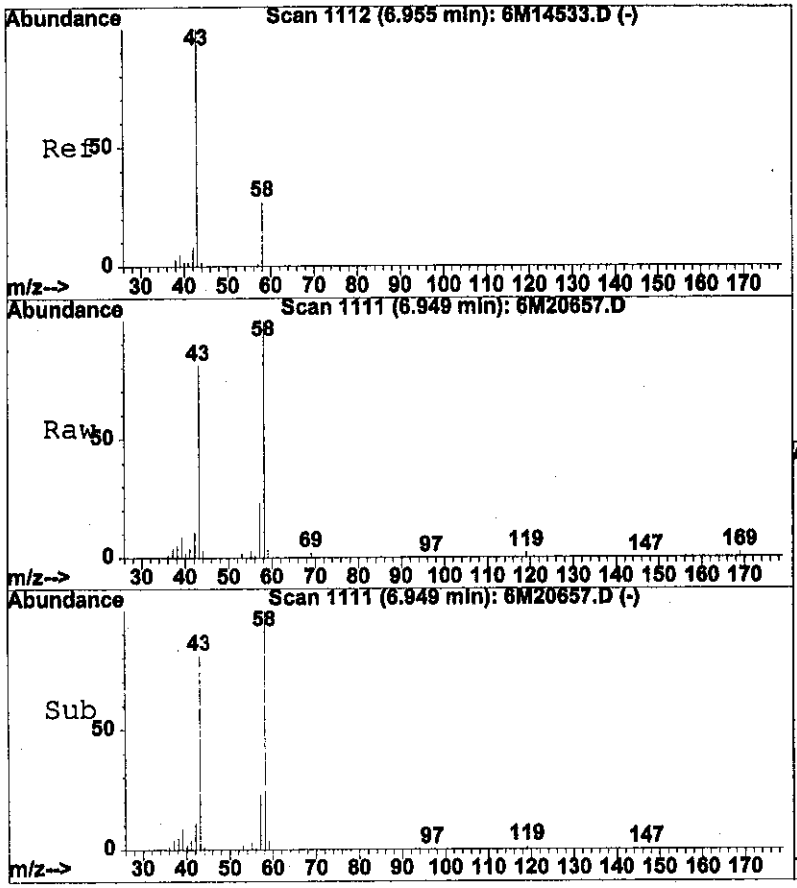
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20657.D Vial: 18
Acq On : 19 Jun 2000 18:20 Operator: CMS
Sample : L0006193-15 A IT CORP 826-SPE-VO 6.4G/5M Inst : HPMS6
Misc : SOLID,0.8 (398-PPG-TANK-FARM) Multiplr: 0.80
MS Integration Params: rteint.p
Quant Time: Jun 19 18:46 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
72) 2-Chlorotoluene	18.60	91	250046	7.57 ug/kg#	41
73) 4-Chlorotoluene	18.60	91	250046	7.48 ug/kg#	41
76) 1,2,4-Trimethylbenzene	19.20	105	145518	3.75 ug/kg	99
78) p-Isopropyltoluene	19.65	119	13608	0.33 ug/kg	96
81) n-Butylbenzene	20.25	91	158558	4.03 ug/kg#	1
86) Naphthalene	23.58	128	22054	0.64 ug/kg	99

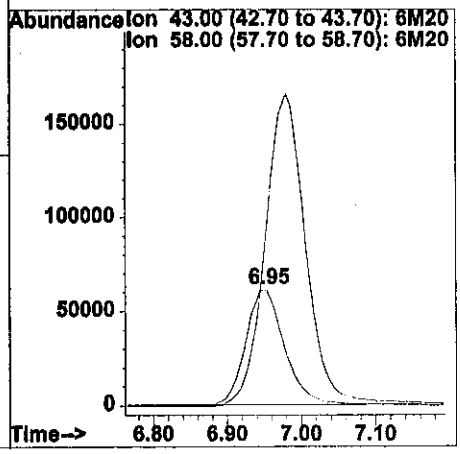
(#) = qualifier out of range (m) = manual integration
6M20657.D 8260PRES.M Mon Jun 19 18:46:29 2000

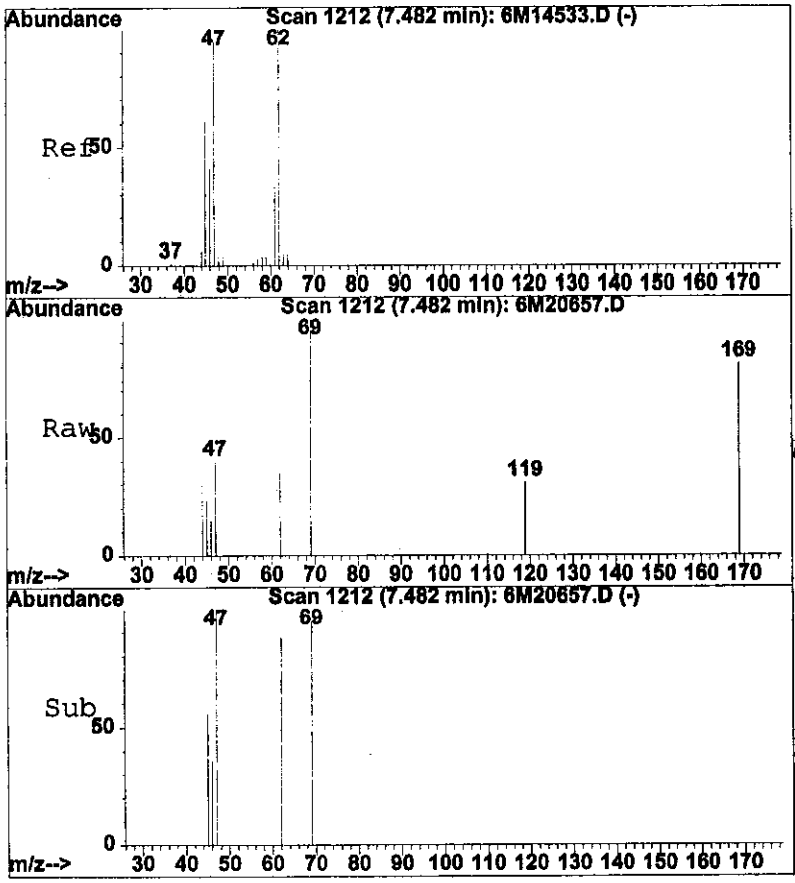


#11
Acetone
Concen: 67.41 ug/kg
RT: 6.95 min Scan# 1111
Delta R.T. -0.02 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 43 Resp: 219240

Ion	Ratio	Lower	Upper
43	100		
58	289.2	21.1	31.7#

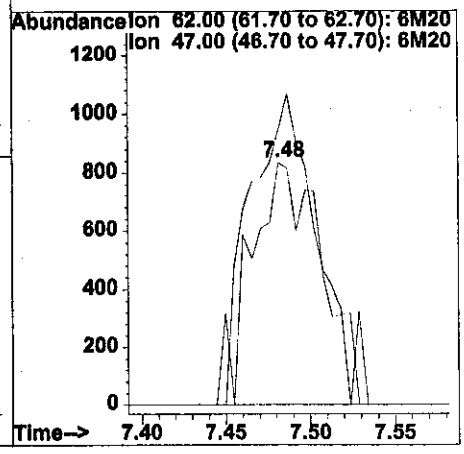


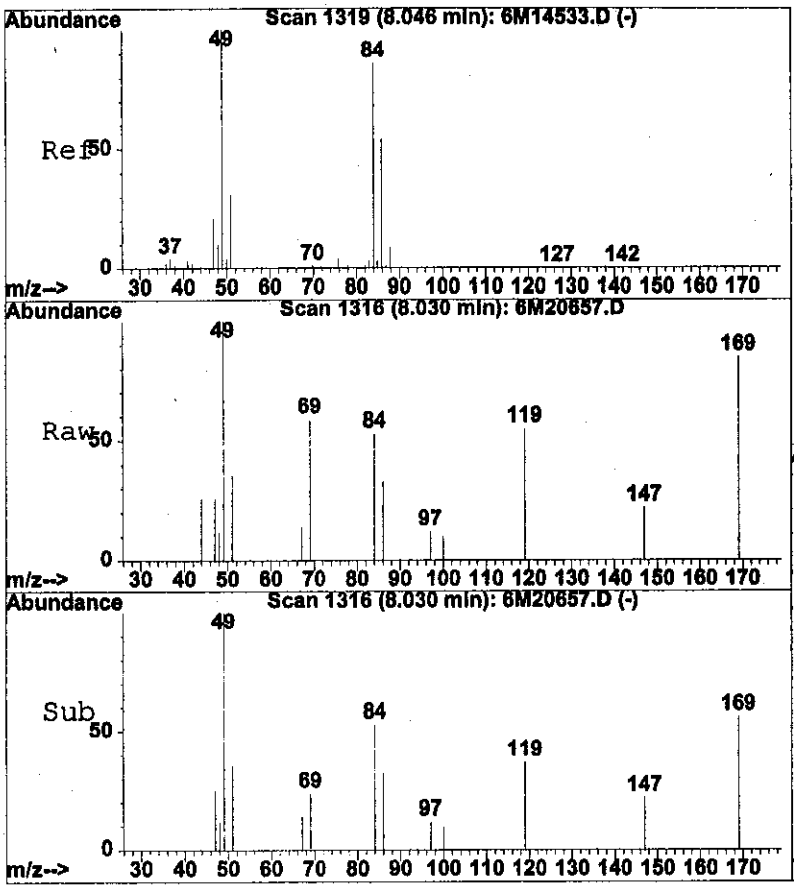


#13
Dimethyl Sulfide
Concen: 0.21 ug/kg
RT: 7.48 min Scan# 1212
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 62 Resp: 2445

Ion	Ratio	Lower	Upper
62	100		
47	121.6	5.8	8.8#

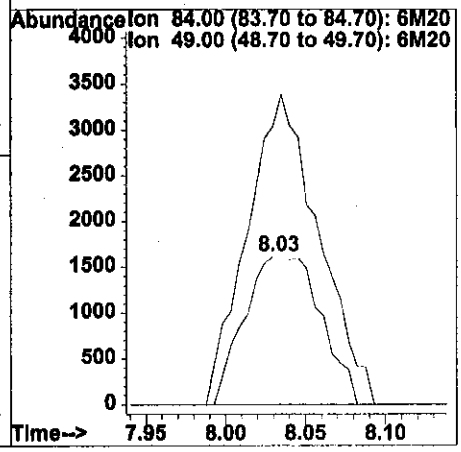


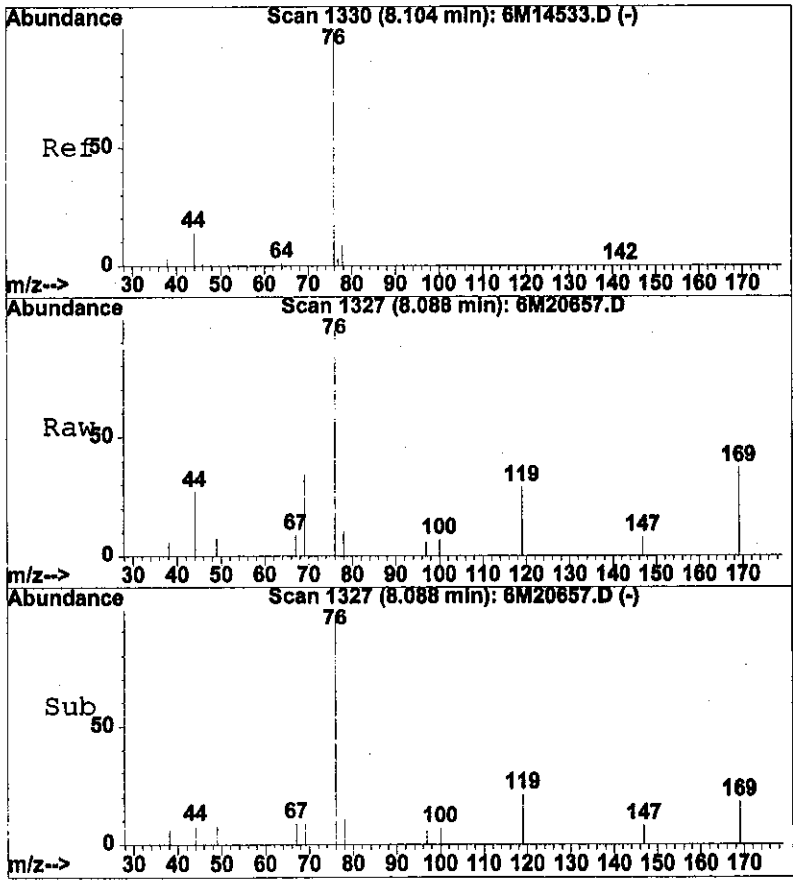


#15
Methylene Chloride
Concen: 0.63 ug/kg
RT: 8.03 min Scan# 1316
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 84 Resp: 5365

Ion	Ratio	Lower	Upper
84	100		
49	196.8	117.8	176.8#

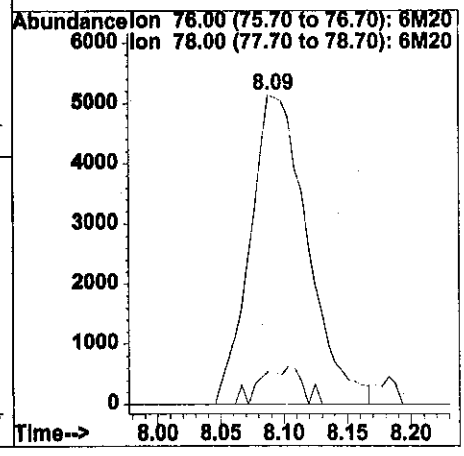


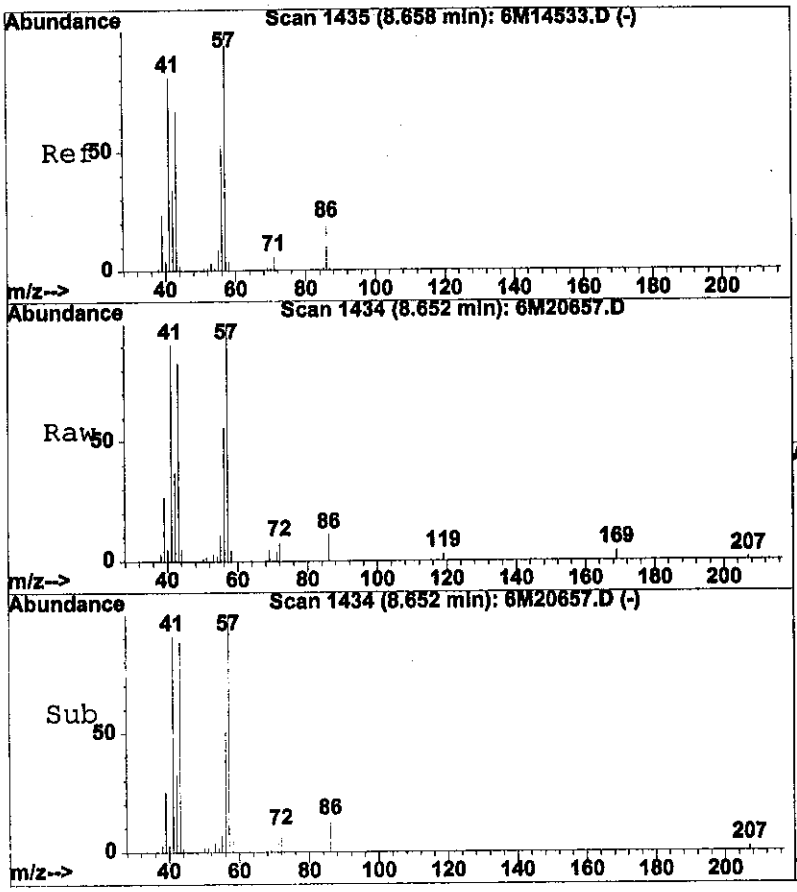


#16
Carbon Disulfide
Concen: 0.47 ug/kg
RT: 8.09 min Scan# 1327
Delta R.T. -0.02 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 76 Resp: 16203

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

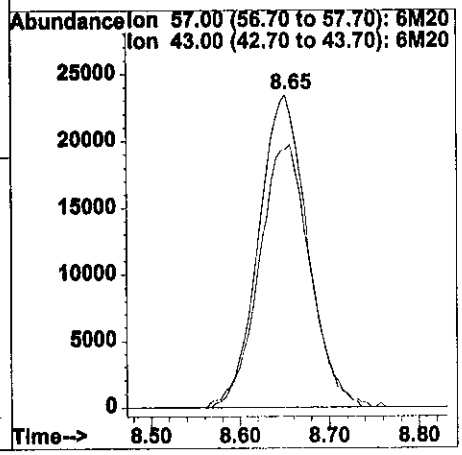


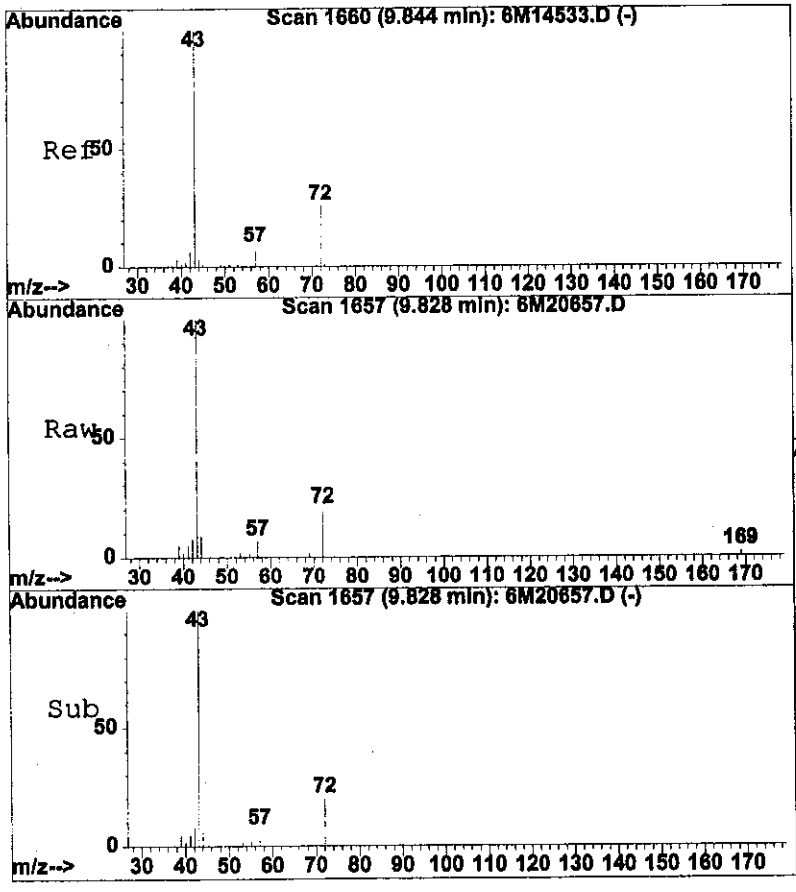


#20
n-Hexane
Concen: 4.23 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 57 Resp: 88469

Ion	Ratio	Lower	Upper
57	100		
43	88.8	59.0	88.6#

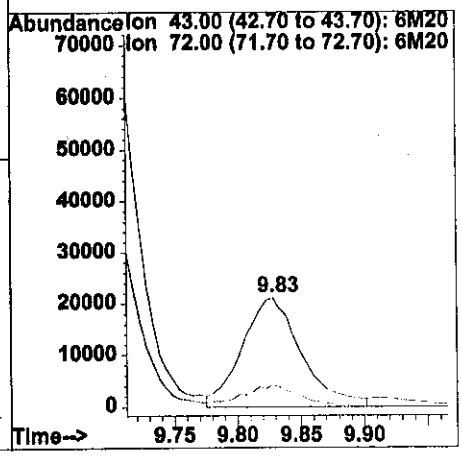


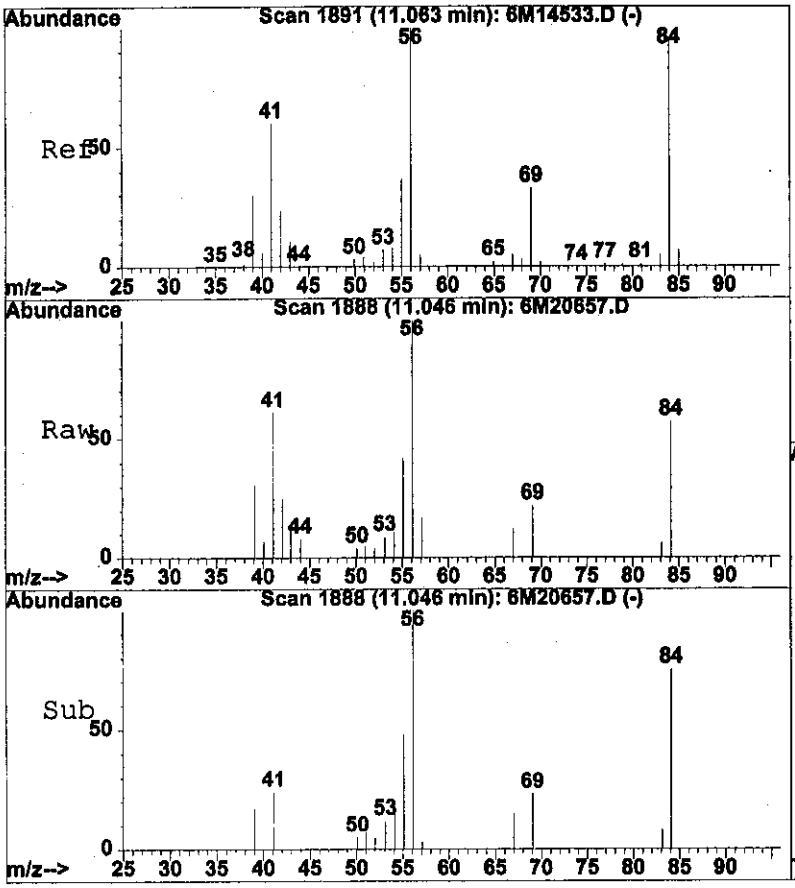


#23
2-Butanone
Concen: 10.17 ug/kg
RT: 9.83 min Scan# 1657
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 43 Resp: 68044

Ion	Ratio	Lower	Upper
43	100		
72	18.8	16.2	24.4

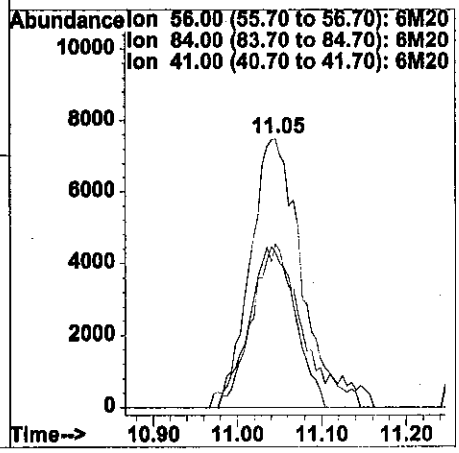


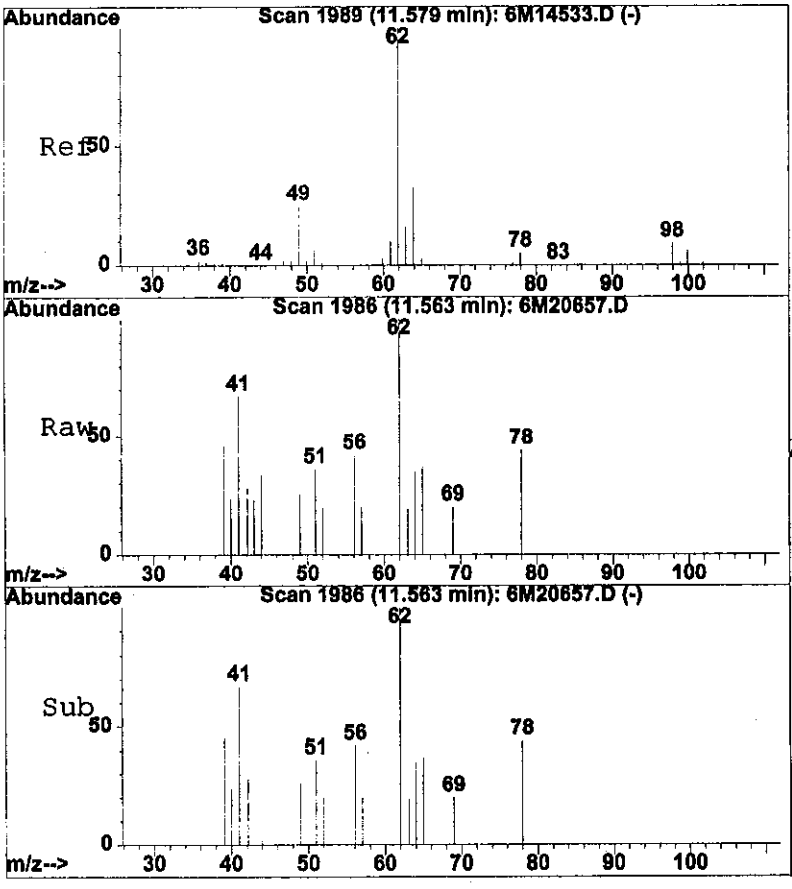


#30
Cyclohexane
Concen: 1.32 ug/kg
RT: 11.05 min Scan# 1888
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 56 Resp: 31498

Ion	Ratio	Lower	Upper
56	100		
84	51.5	64.1	96.1#
41	60.3	52.9	79.3

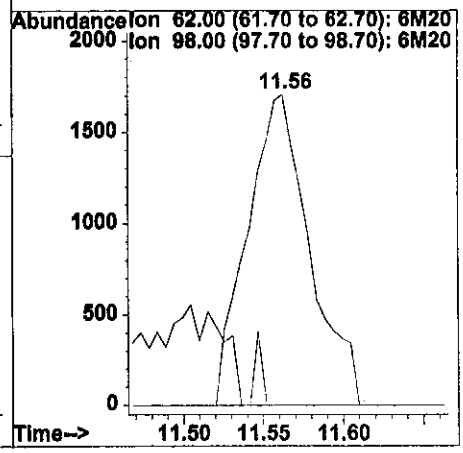


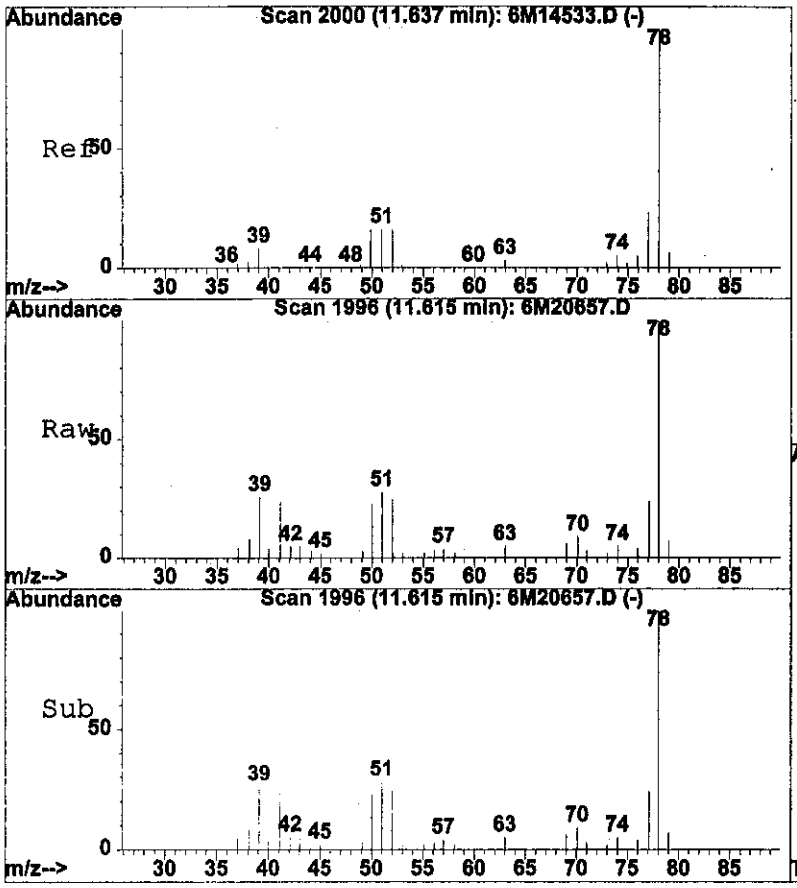


#34
1,2-Dichloroethane
Concen: 0.26 ug/kg
RT: 11.56 min Scan# 1986
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 62 Resp: 4628

Ion	Ratio	Lower	Upper
62	100		
98	2.8	0.4	0.6#

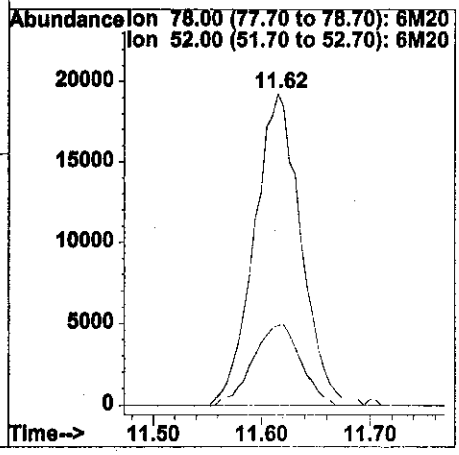


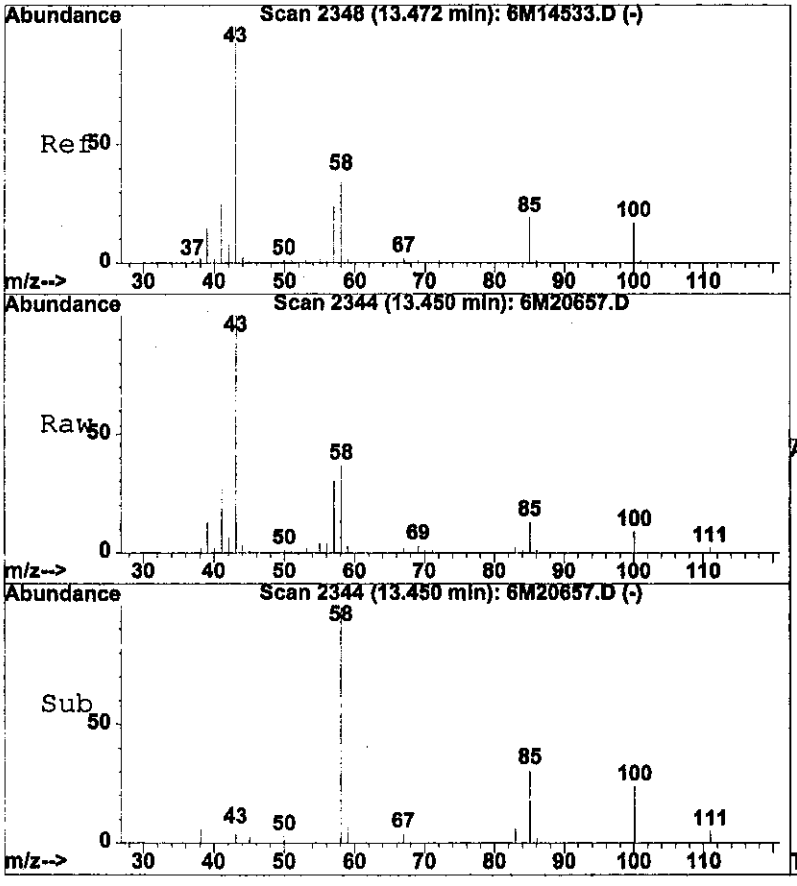


#35
Benzene
Concen: 1.55 ug/kg
RT: 11.62 min Scan# 1996
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 78 Resp: 57438

Ion	Ratio	Lower	Upper
78	100		
52	26.2	14.2	21.4#

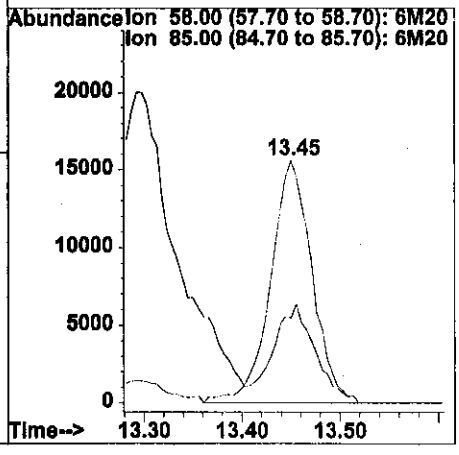


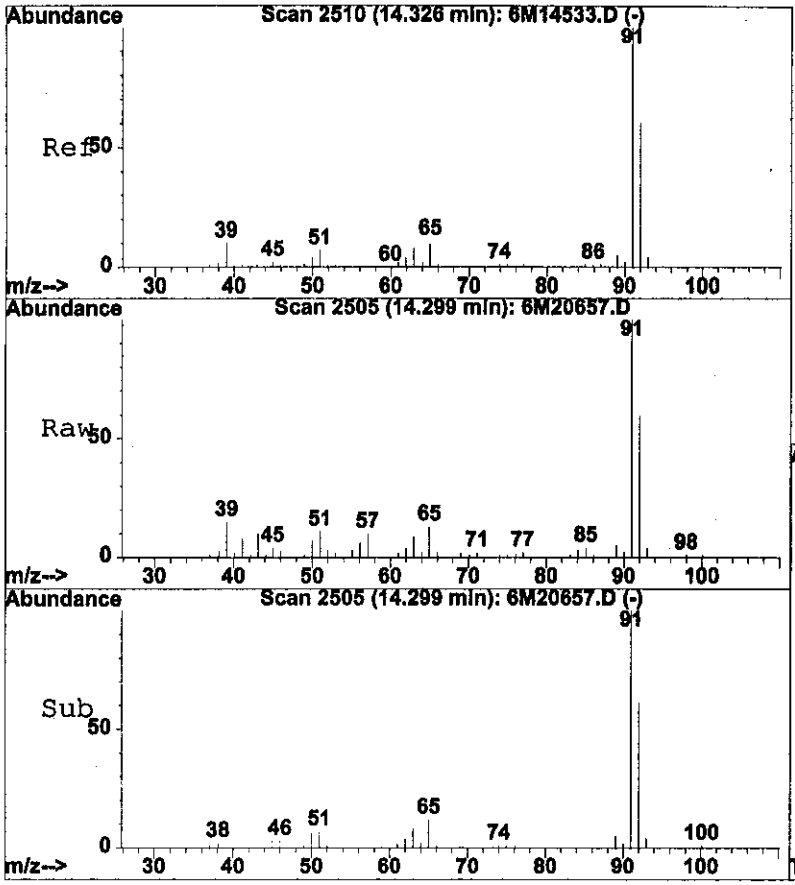


#41
4-Methyl-2-Pentanone
Concen: 11.25 ug/kg
RT: 13.45 min Scan# 2344
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 58 Resp: 45762

Ion	Ratio	Lower	Upper
58	100		
85	41.7	32.2	48.2

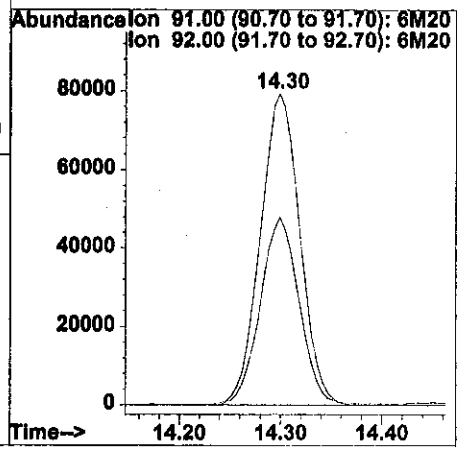


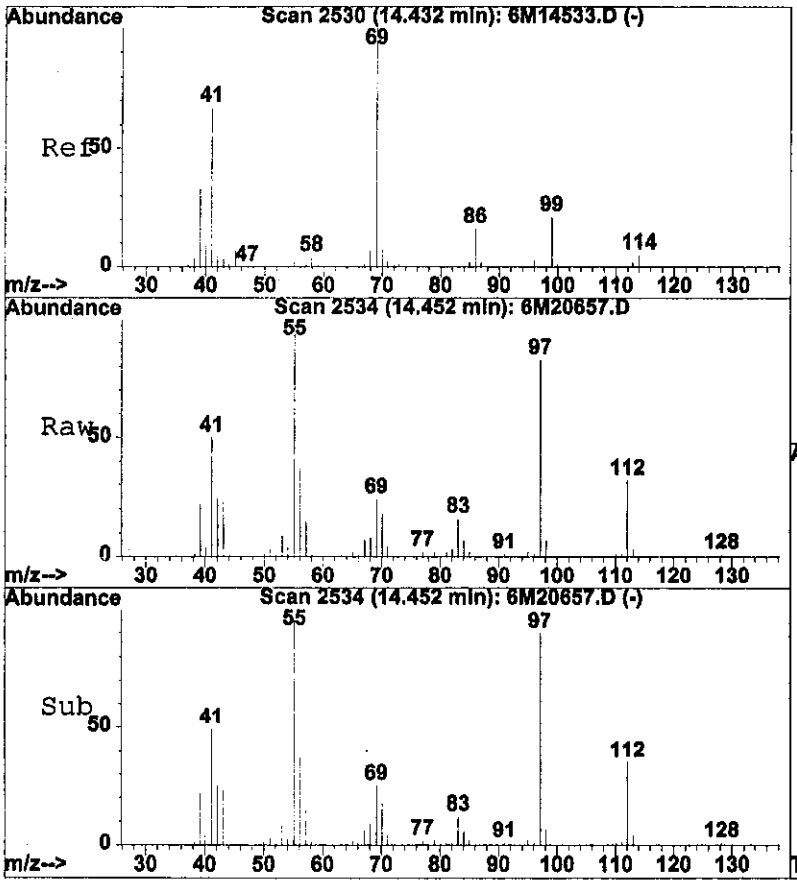


#46
Toluene
Concen: 5.38 ug/kg
RT: 14.30 min Scan# 2505
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 215440

Ion	Ratio	Lower	Upper
91	100		
92	59.1	46.6	69.8

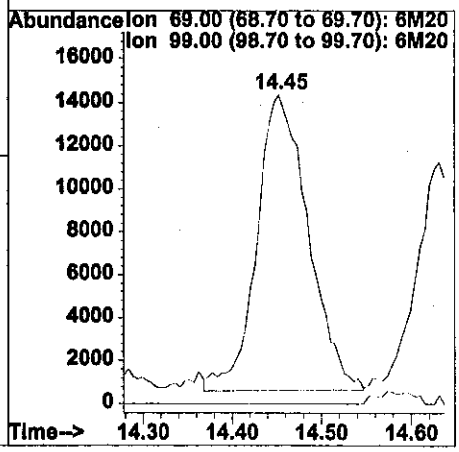


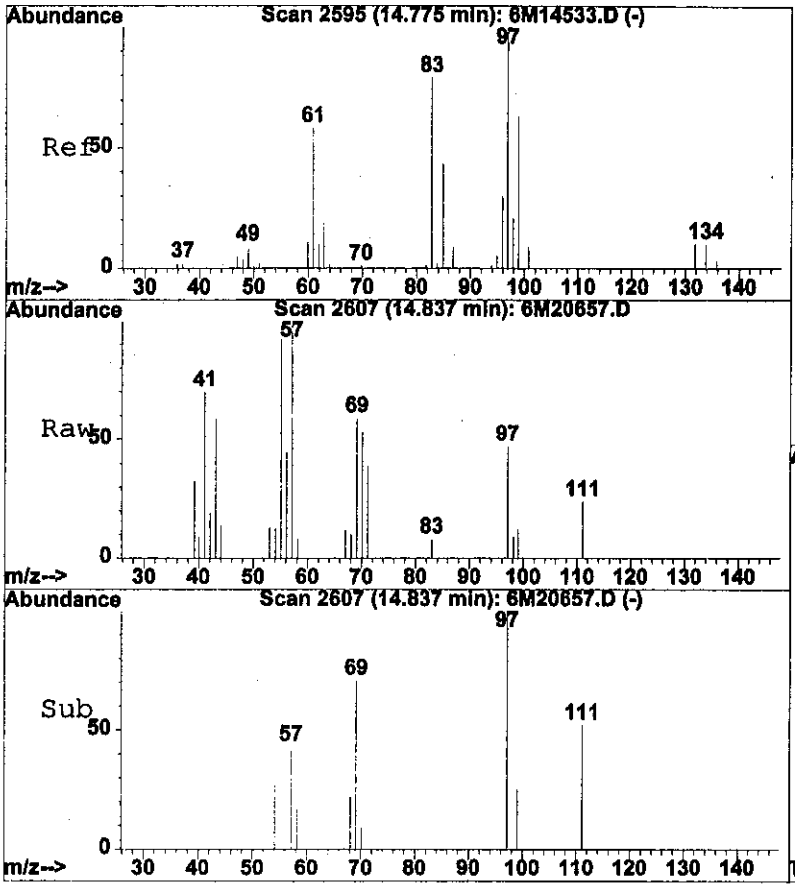


#47
Ethyl Methacrylate
Concen: 5.23 ug/kg
RT: 14.45 min Scan# 2534
Delta R.T. 0.04 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 69 Resp: 54915

Ion	Ratio	Lower	Upper
69	100		
99	0.0	14.2	21.2#

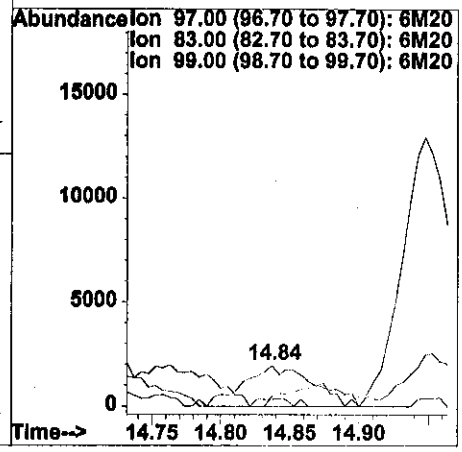


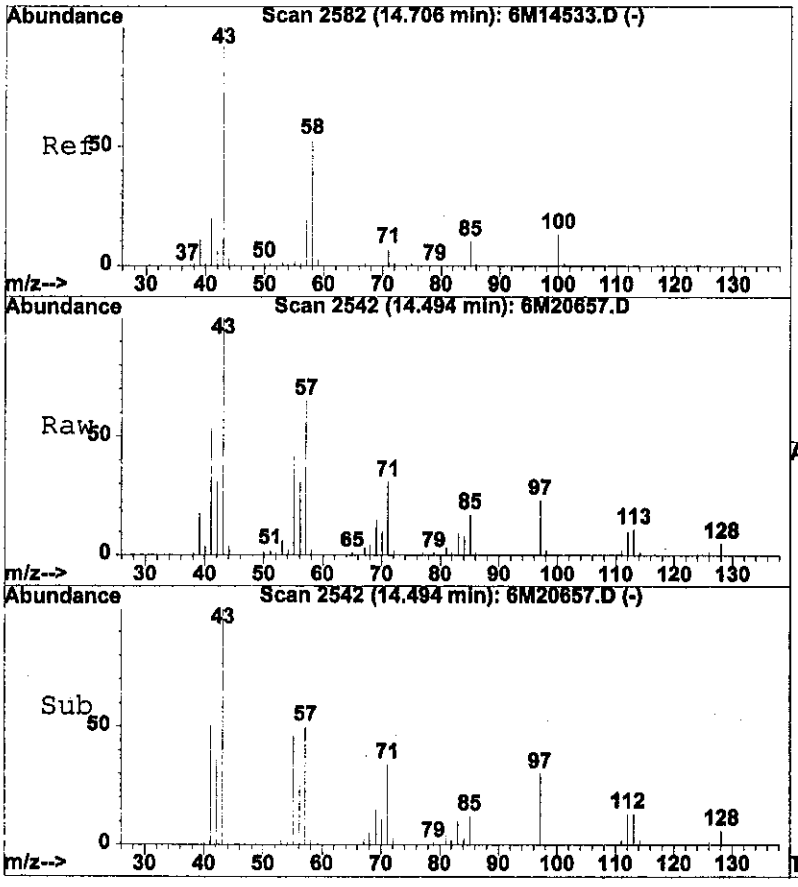


#49
1,1,2-Trichloroethane
Concen: 0.84 ug/kg
RT: 14.84 min Scan# 2607
Delta R.T. 0.09 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 97 Resp: 6621

Ion	Ratio	Lower	Upper
97	100		
83	0.0	70.5	105.7#
99	41.3	49.8	74.6#

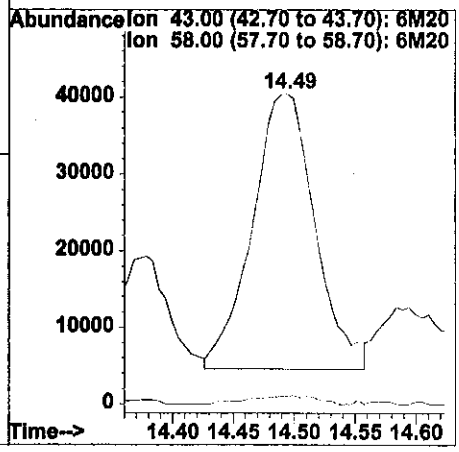


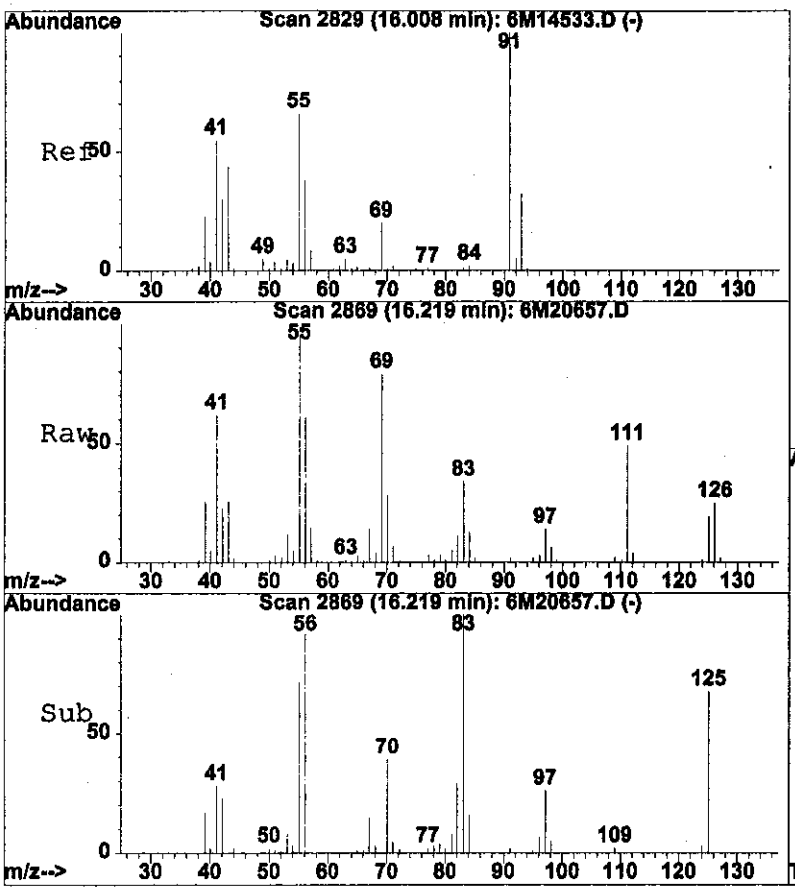


#50
2-Hexanone
Concen: 12.86 ug/kg
RT: 14.49 min Scan# 2542
Delta R.T. -0.20 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 43 Resp: 129625

Ion	Ratio	Lower	Upper
43	100		
58	0.0	5.5	8.3#

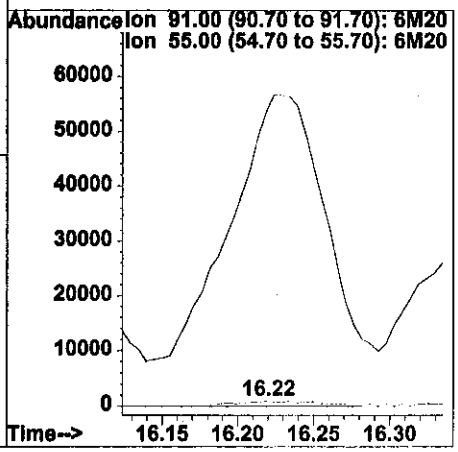


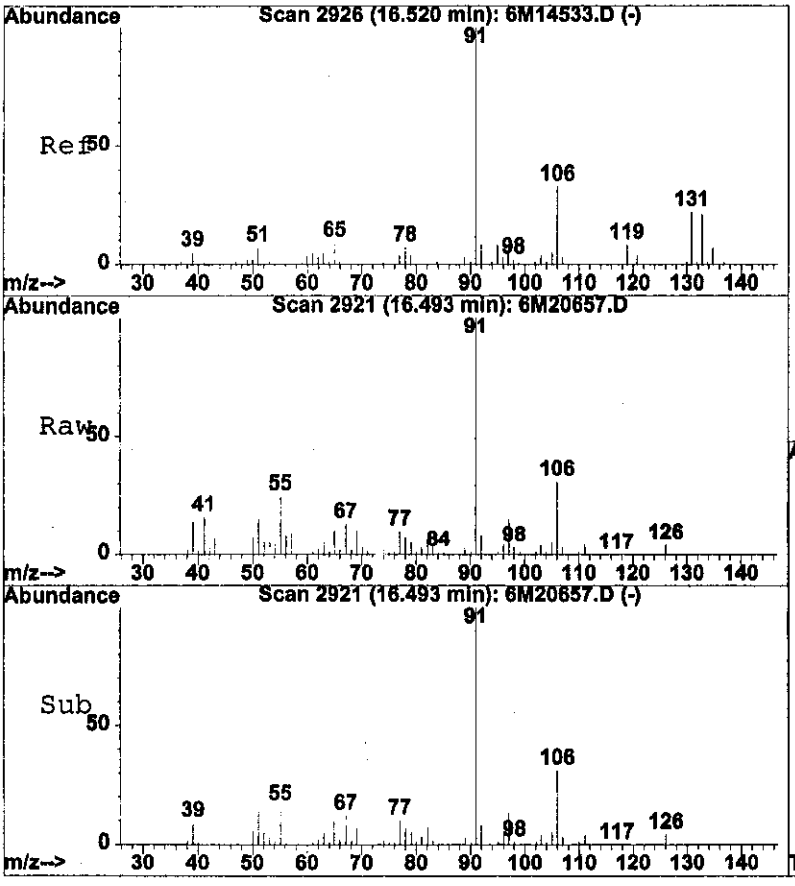


#55
1-Chlorohexane
Concen: 0.22 ug/kg
RT: 16.22 min Scan# 2869
Delta R.T. 0.24 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 2977

Ion	Ratio	Lower	Upper
91	100		
55	6693.2	62.2	93.4#

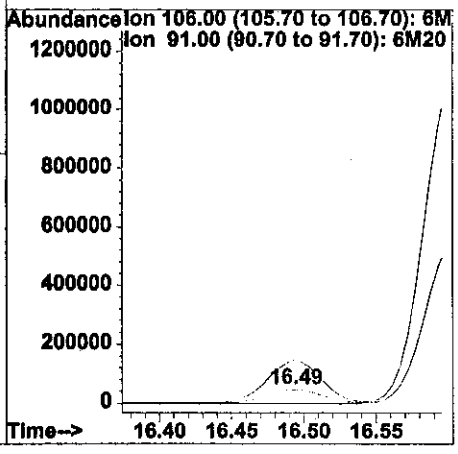


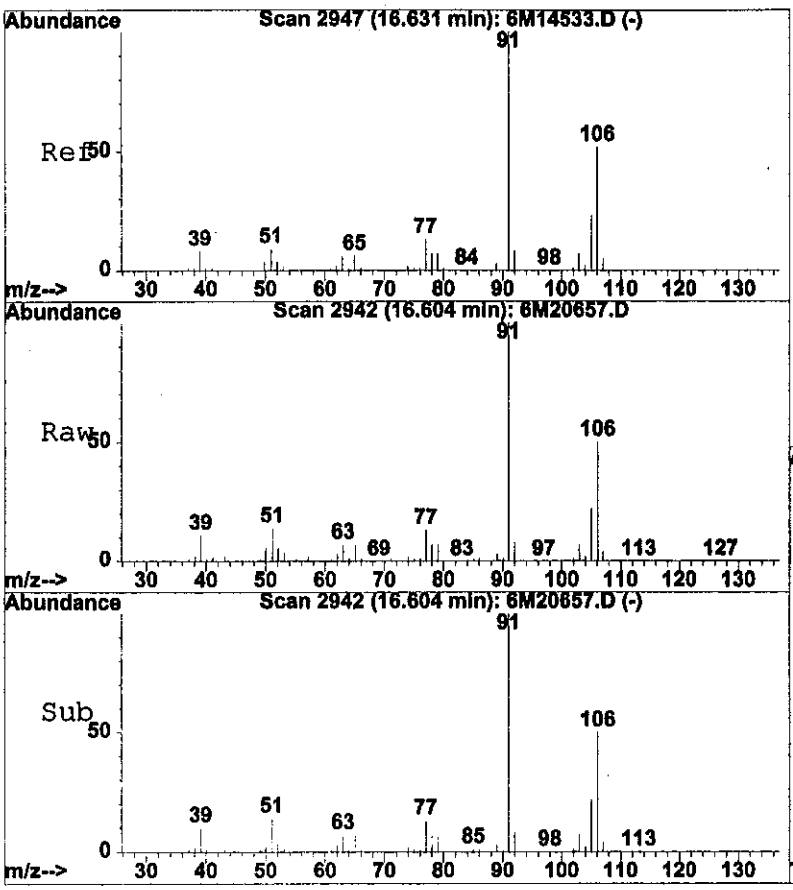


#58
Ethylbenzene
Concen: 7.61 ug/kg
RT: 16.49 min Scan# 2921
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:106 Resp: 116687

Ion	Ratio	Lower	Upper
106	100		
91	312.0	259.6	389.4

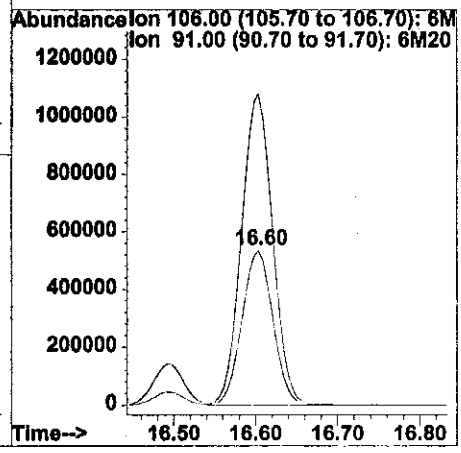


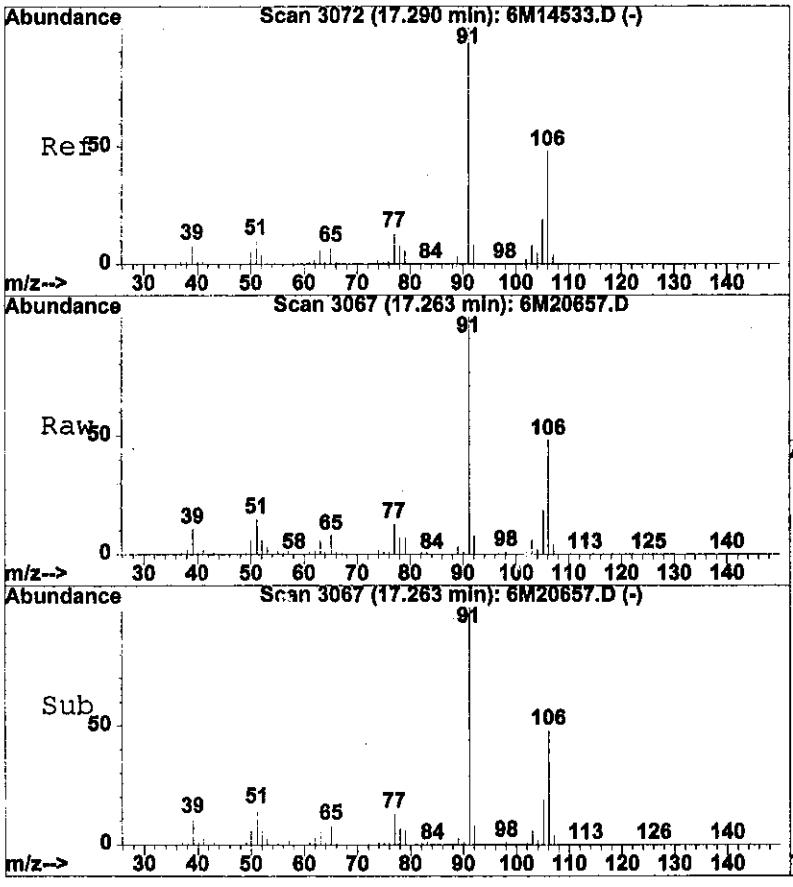


#59
m-,p-Xylene
Concen: 72.38 ug/kg
RT: 16.60 min Scan# 2942
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:106 Resp: 1399968

Ion	Ratio	Lower	Upper
106	100		
91	202.2	165.9	248.9

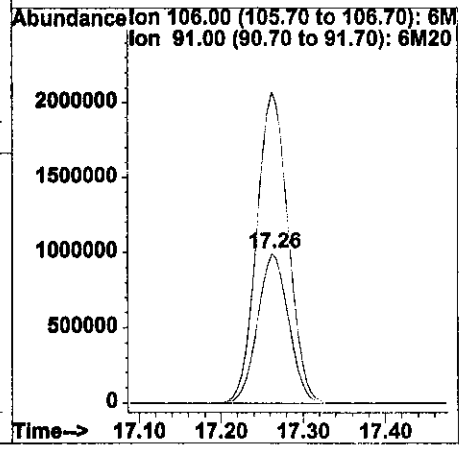


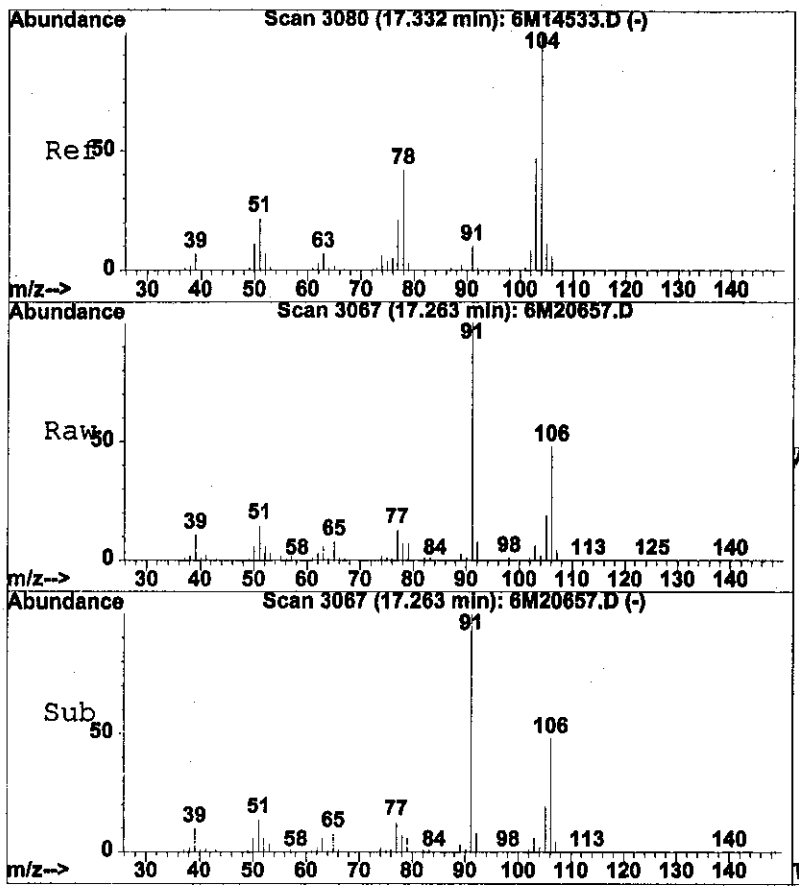


#60
o-Xylene
Concen: 140.63 ug/kg
RT: 17.26 min Scan# 3067
Delta R.T. -0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:106 Resp: 2601022

Ion	Ratio	Lower	Upper
106	100		
91	212.3	174.6	262.0

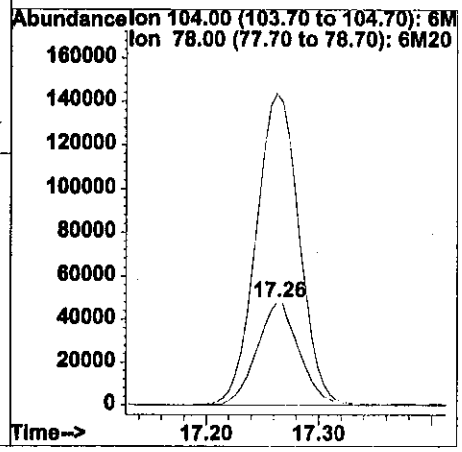


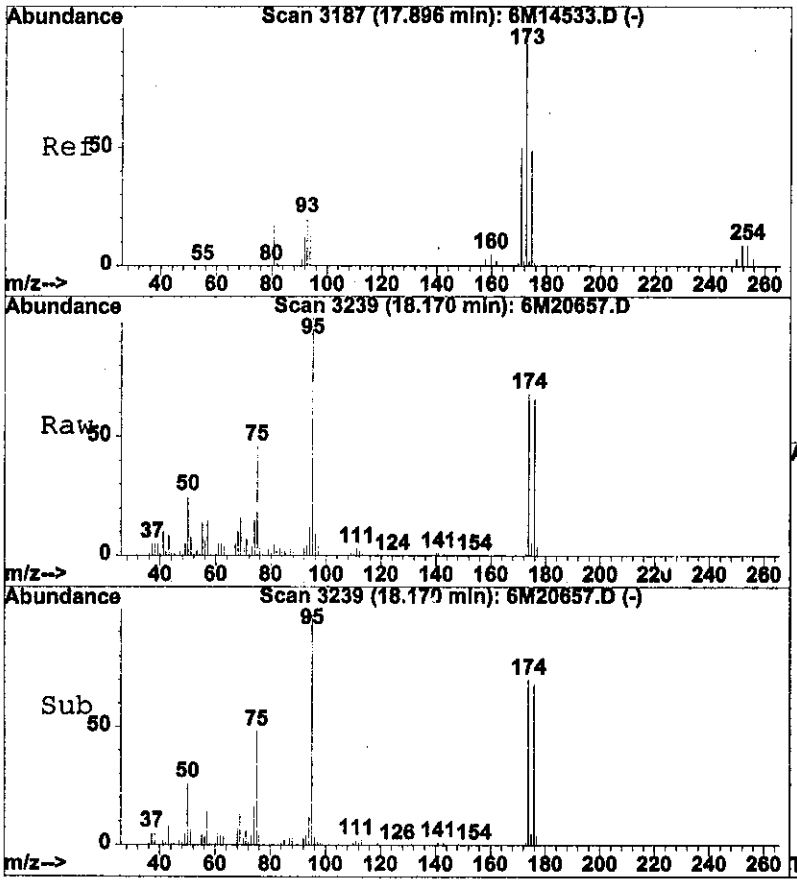


#61
Styrene
Concen: 4.00 ug/kg
RT: 17.26 min Scan# 3067
Delta R.T. -0.04 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:104 Resp: 124747

Ion	Ratio	Lower	Upper
104	100		
78	308.4	43.7	65.5#

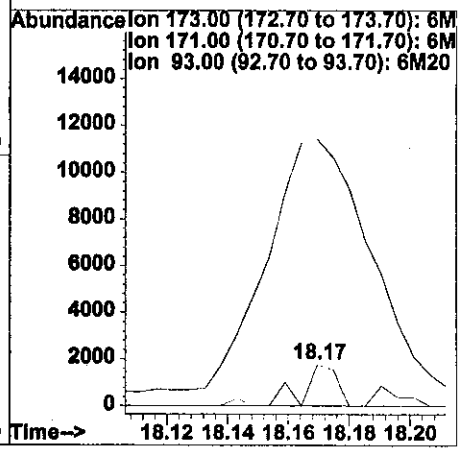


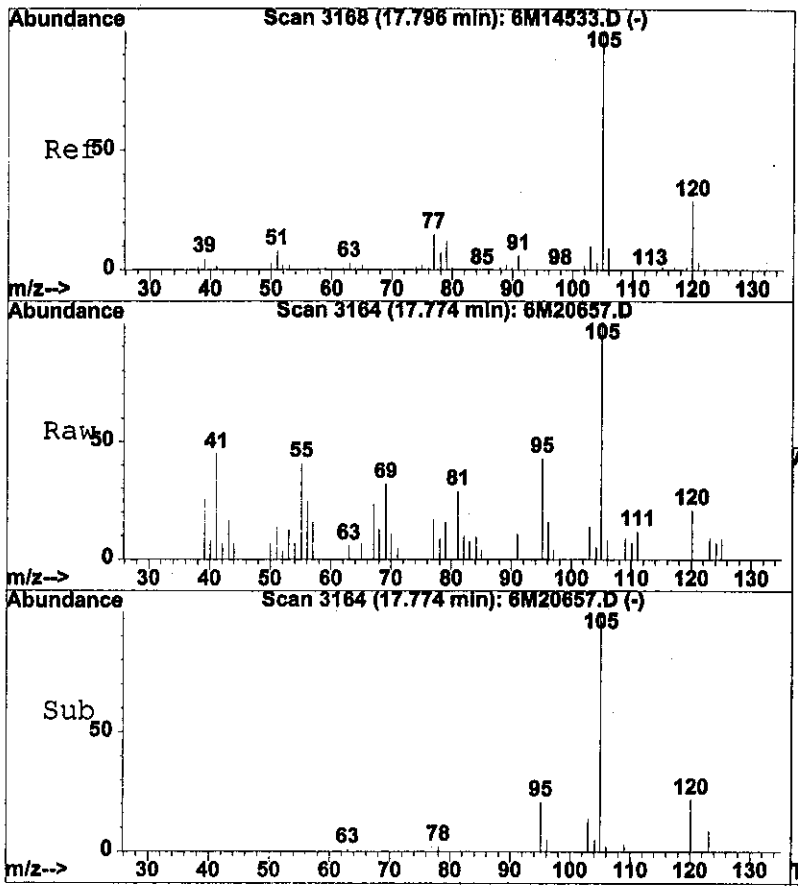


#62
Bromoform
Concen: 0.26 ug/kg
RT: 18.17 min Scan# 3239
Delta R.T. 0.30 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:173 Resp: 1467

Ion	Ratio	Lower	Upper
173	100		
171	0.0	41.2	61.8#
93	1811.9	19.1	28.7#

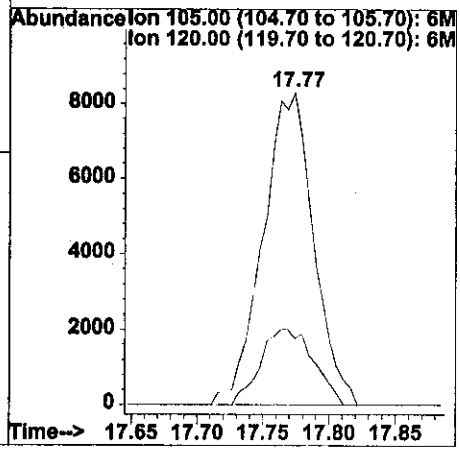


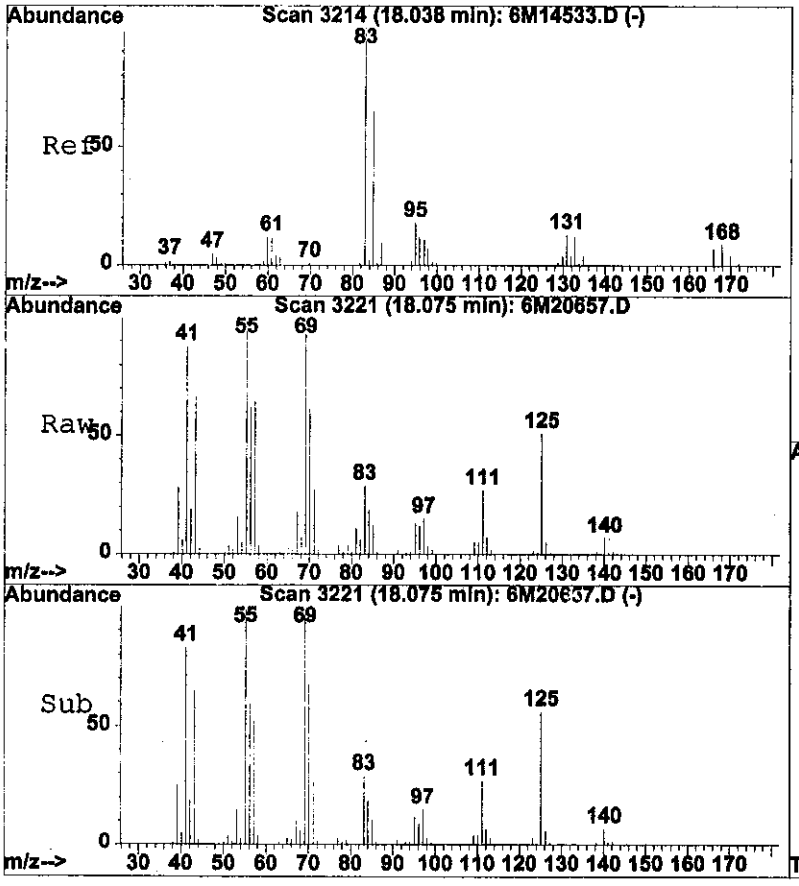


#63
Isopropylbenzene
Concen: 0.46 ug/kg
RT: 17.77 min Scan# 3164
Delta R.T. 0.00 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:105 Resp: 22131

Ion	Ratio	Lower	Upper
105	100		
120	25.4	21.3	31.9

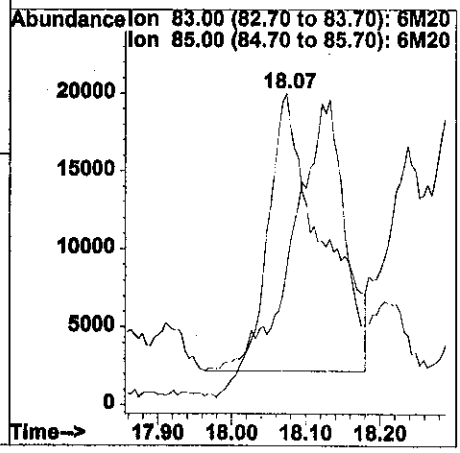


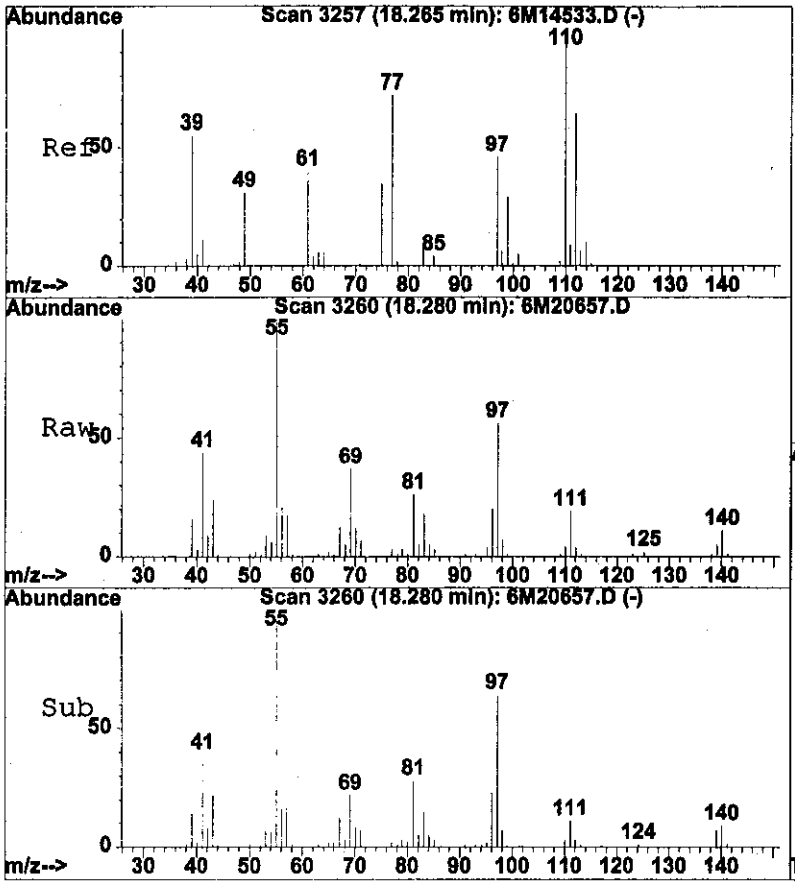


#65
1,1,2,2-Tetrachloroethane
Concen: 9.88 ug/kg
RT: 18.07 min Scan# 3221
Delta R.T. 0.06 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 83 Resp: 88836

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.0	76.4#

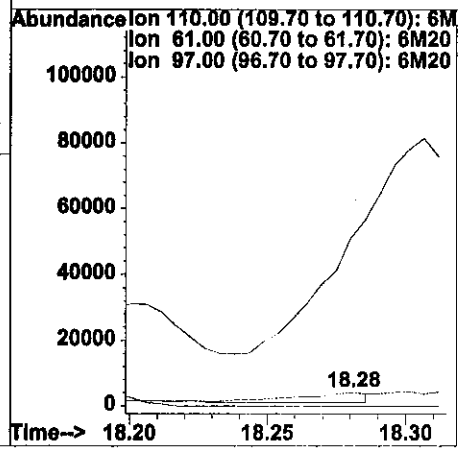


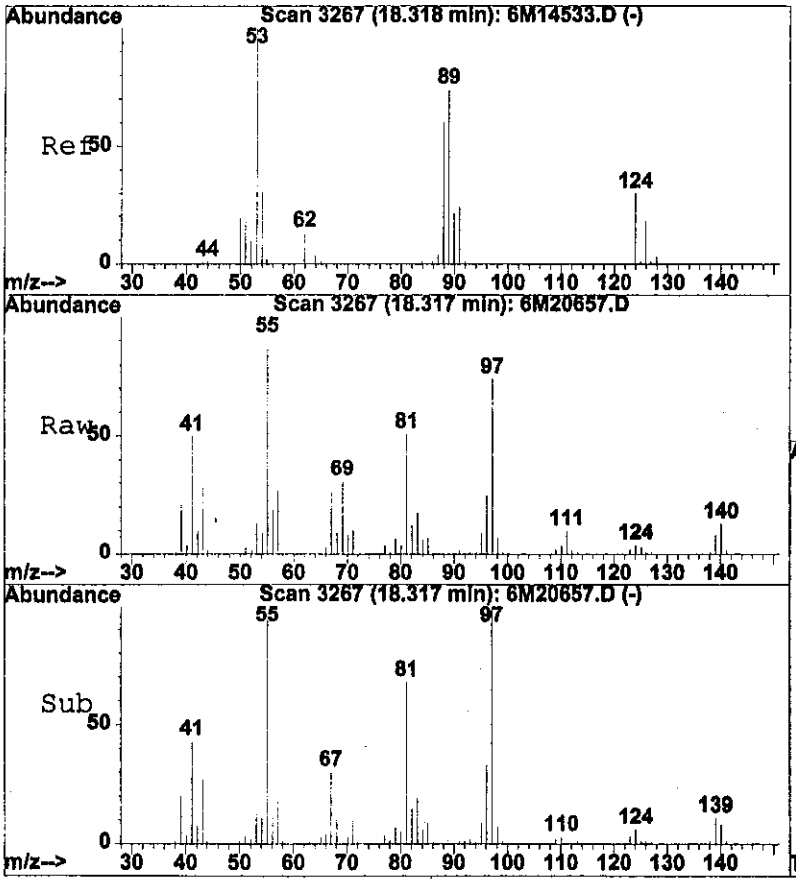


#67
1,2,3-Trichloropropane
Concen: 1.78 ug/kg
RT: 18.28 min Scan# 3260
Delta R.T. 0.05 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:110 Resp: 5438

Ion	Ratio	Lower	Upper
110	100		
61	0.0	47.3	70.9#
97	0.0	39.7	59.5#

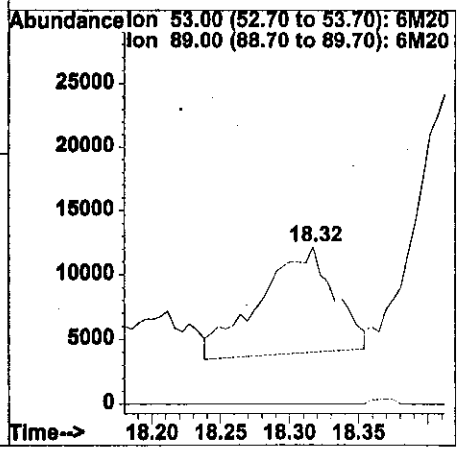


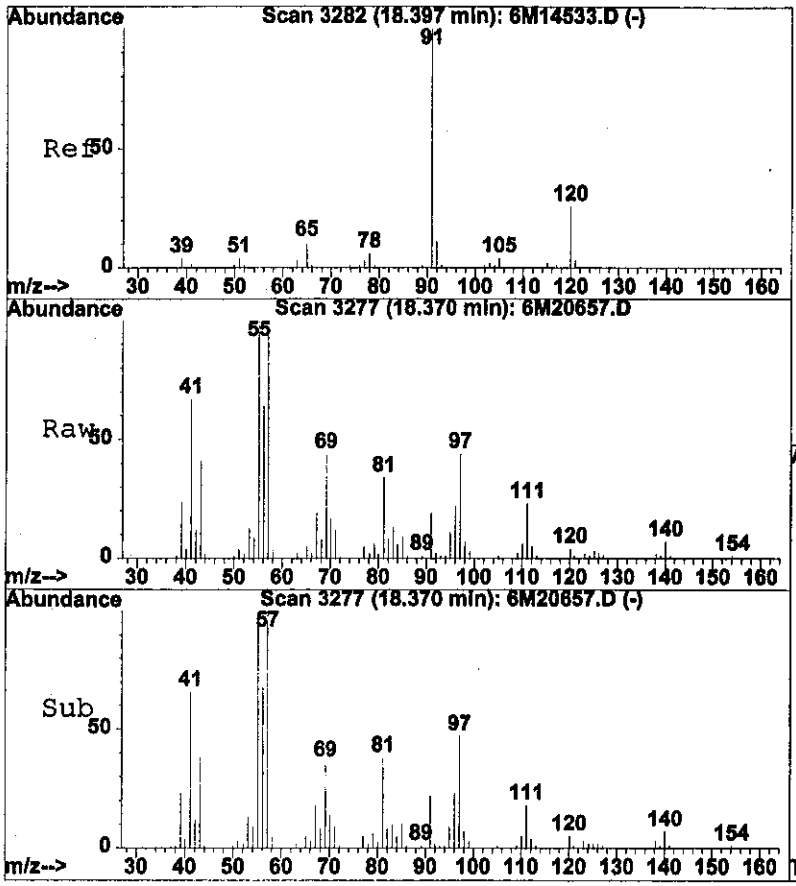


#68
trans-1,4-Dichloro-2-Butene
Concen: 8.35 ug/kg
RT: 18.32 min Scan# 3267
Delta R.T. 0.02 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 53 Resp: 30819

Ion	Ratio	Lower	Upper
53	100		
89	0.0	50.6	76.0#

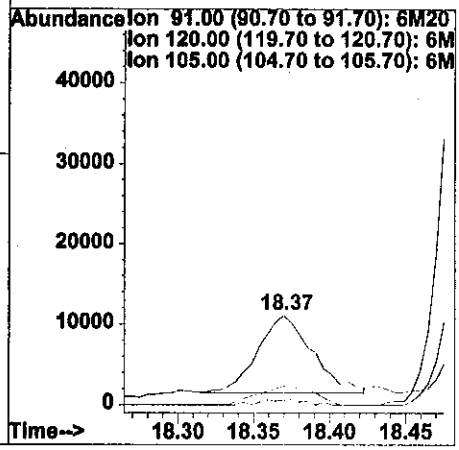


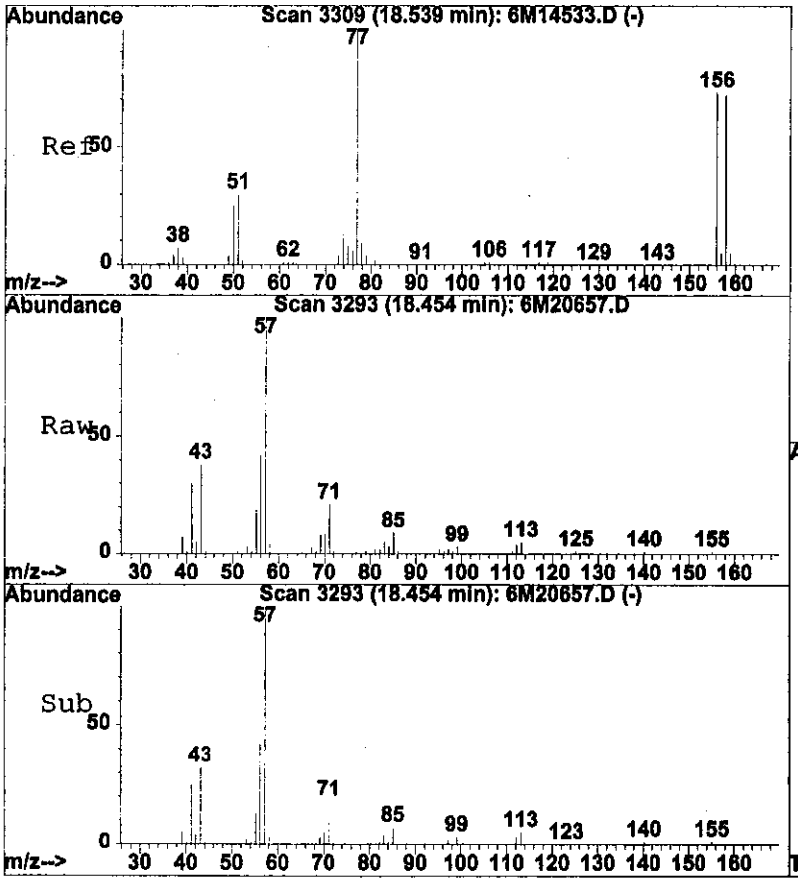


#69
n-Propylbenzene
Concen: 0.46 ug/kg
RT: 18.37 min Scan# 3277
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 23959

Ion	Ratio	Lower	Upper
91	100		
120	0.0	17.6	26.4#
105	0.0	2.8	4.2#

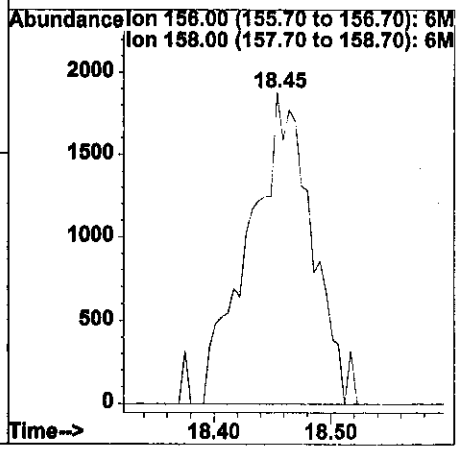


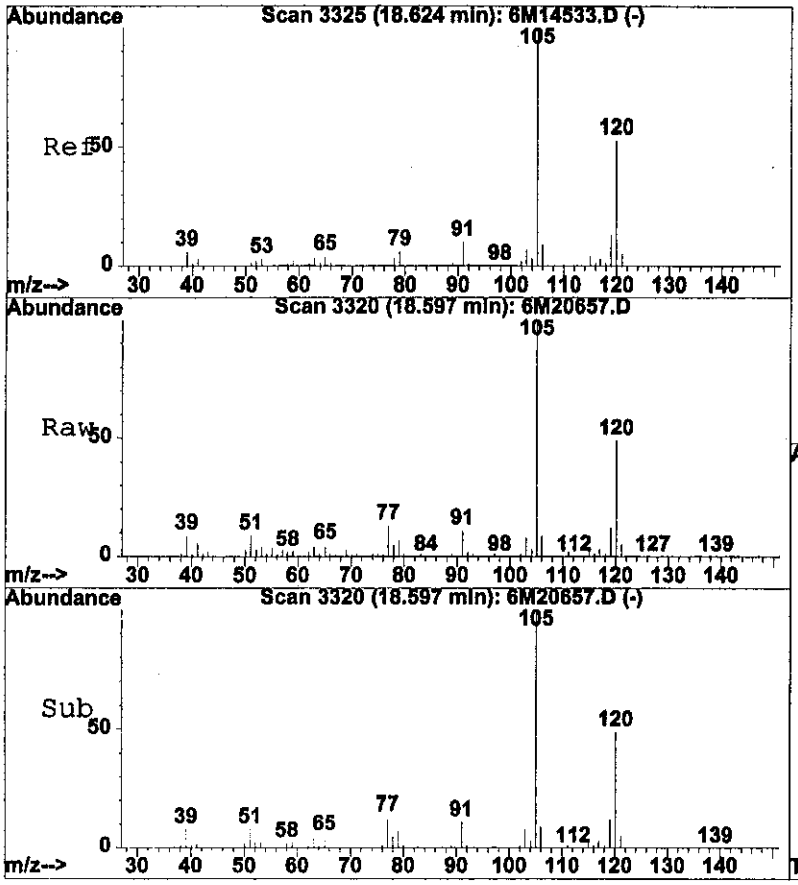


#70
Bromobenzene
Concen: 0.64 ug/kg
RT: 18.45 min Scan# 3293
Delta R.T. -0.06 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:156 Resp: 6958

Ion	Ratio	Lower	Upper
156	100		
158	0.0	77.8	116.8#

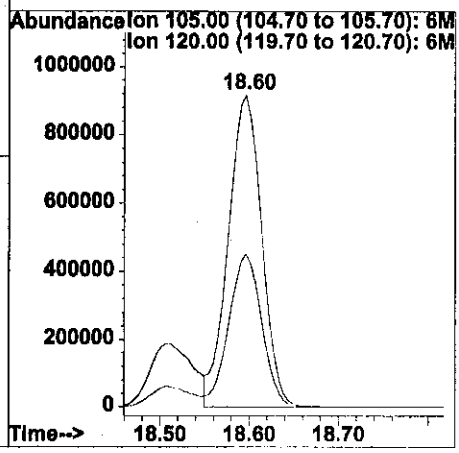


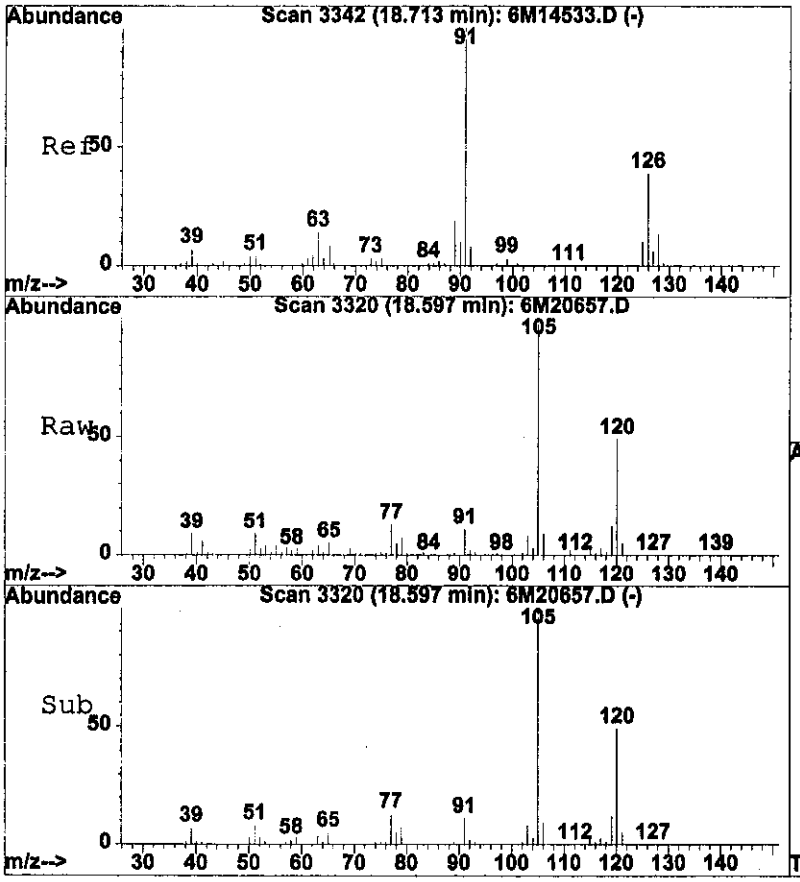


#71
1,3,5-Trimethylbenzene
Concen: 64.00 ug/kg
RT: 18.60 min Scan# 3320
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:105 Resp: 2386697

Ion	Ratio	Lower	Upper
105	100		
120	48.4	38.2	57.4

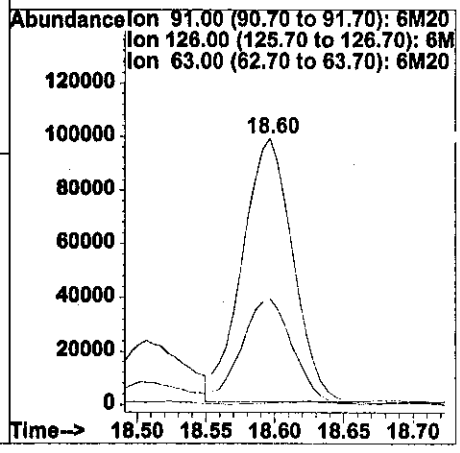


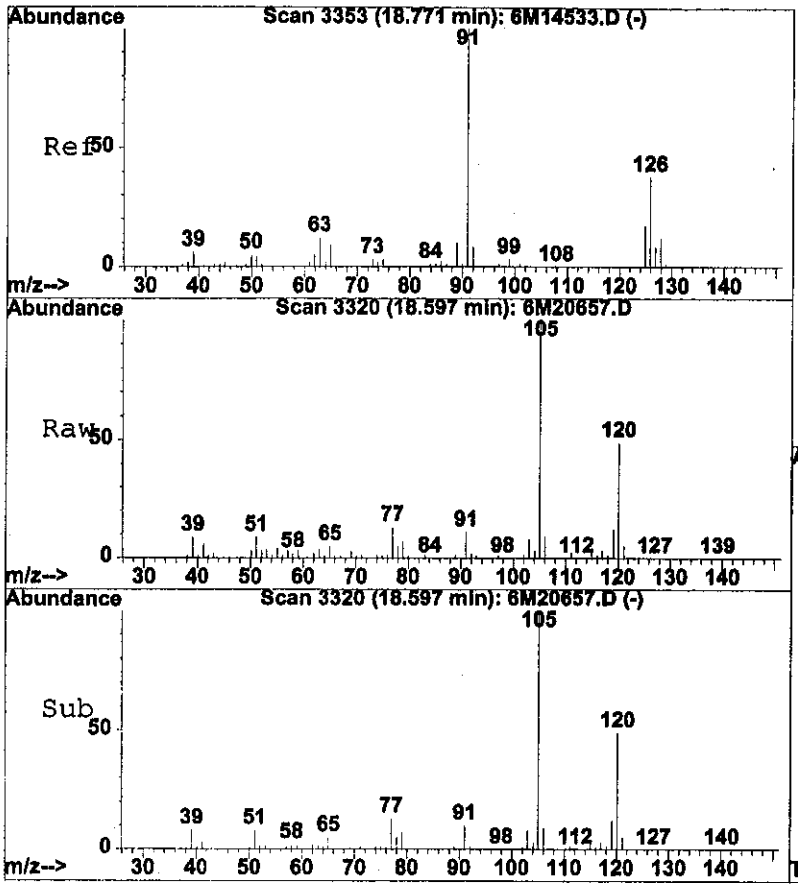


#72
2-Chlorotoluene
Concen: 7.57 ug/kg
RT: 18.60 min Scan# 3320
Delta R.T. -0.09 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 250046

Ion	Ratio	Lower	Upper
91	100		
126	1.6	25.4	38.0#
63	40.9	10.2	15.4#

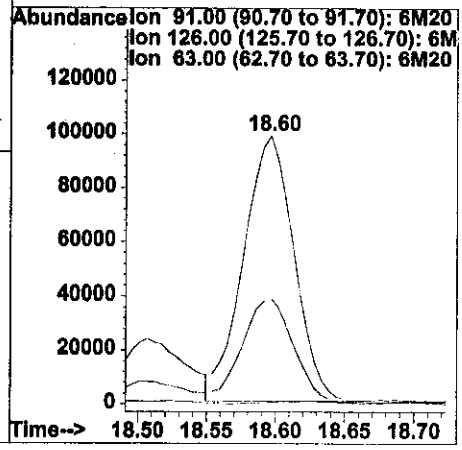


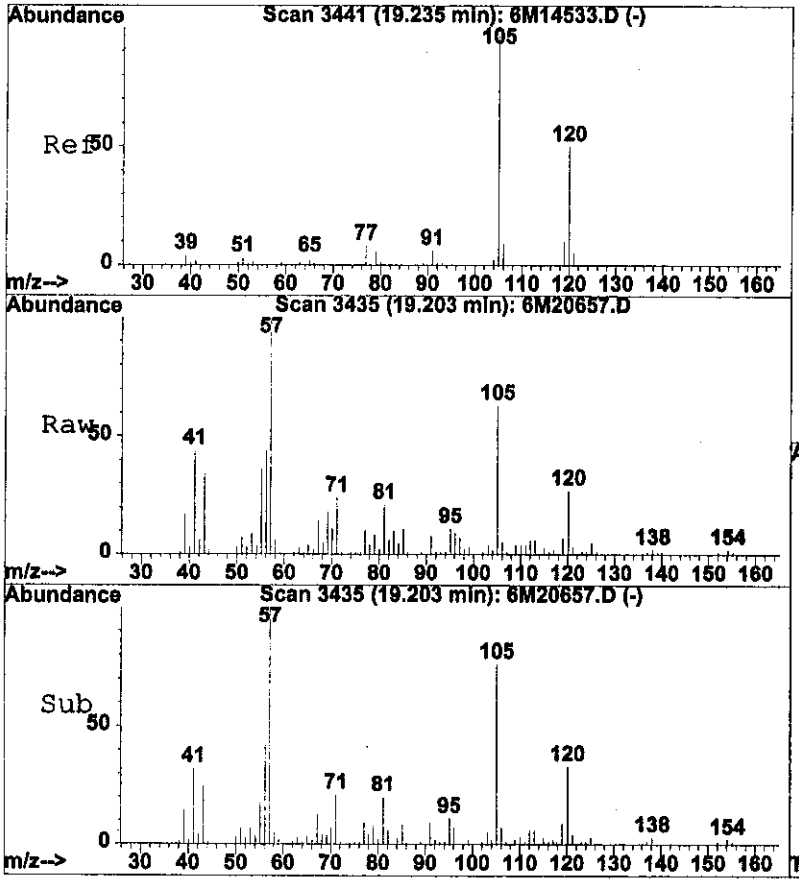


#73
4-Chlorotoluene
Concen: 7.48 ug/kg
RT: 18.60 min Scan# 3320
Delta R.T. -0.15 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 250046

Ion	Ratio	Lower	Upper
91	100		
126	1.6	24.3	36.5#
63	40.9	9.8	14.8#

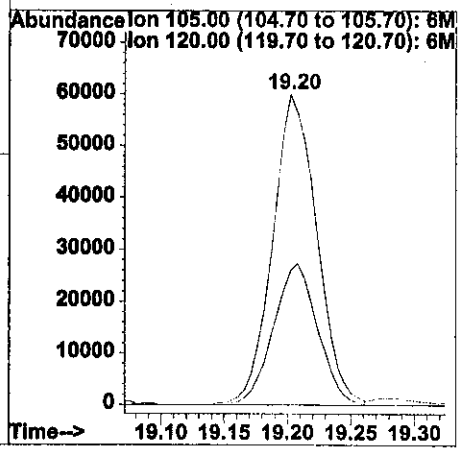


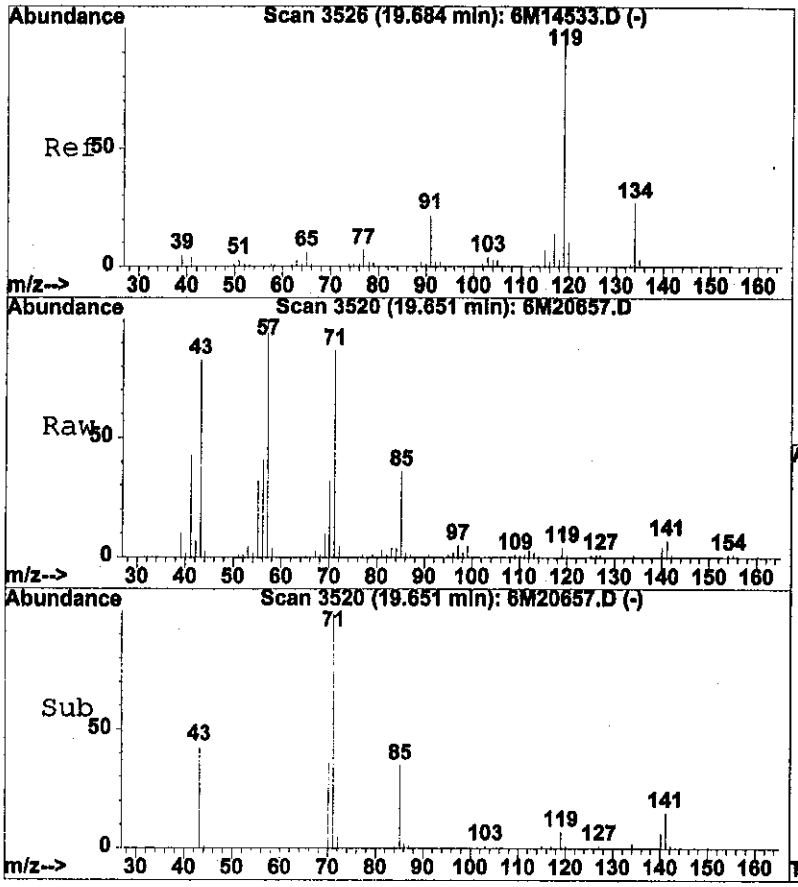


#76
1,2,4-Trimethylbenzene
Concen: 3.75 ug/kg
RT: 19.20 min Scan# 3435
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:105 Resp: 145518

Ion	Ratio	Lower	Upper
105	100		
120	45.5	35.9	53.9

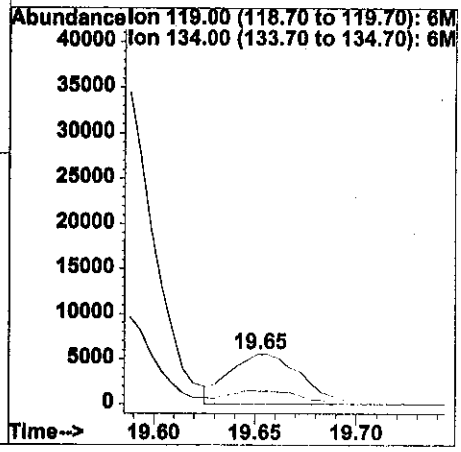


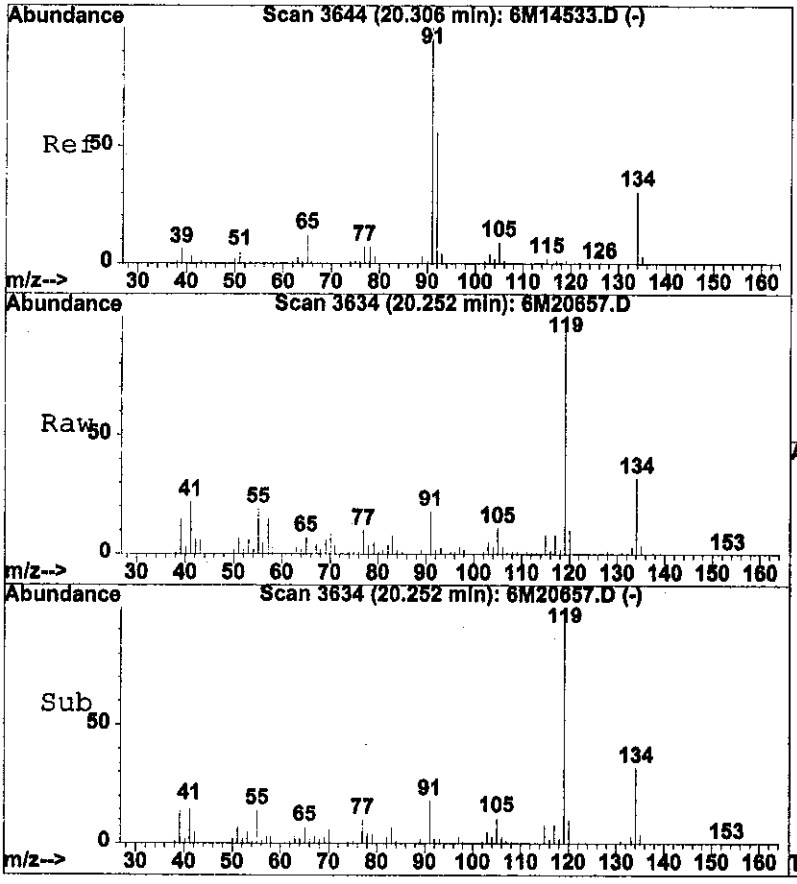


#78
p-Isopropyltoluene
Concen: 0.33 ug/kg
RT: 19.65 min Scan# 3520
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:119 Resp: 13608

Ion	Ratio	Lower	Upper
119	100		
134	24.8	21.4	32.2

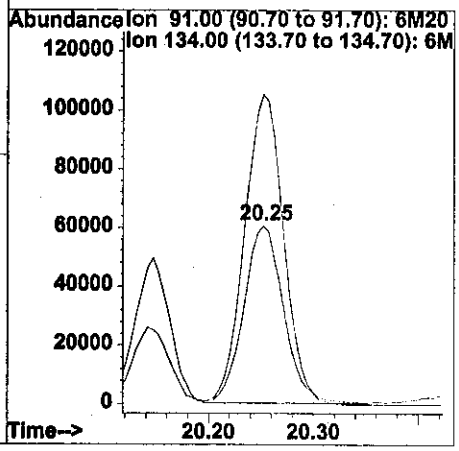


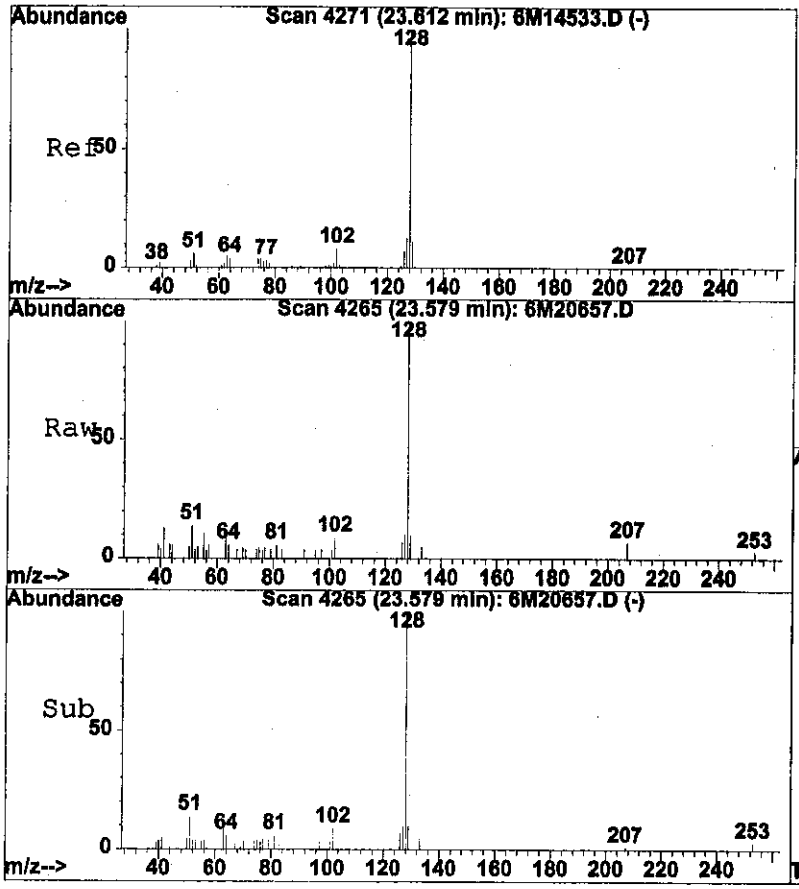


#81
n-Butylbenzene
Concen: 4.03 ug/kg
RT: 20.25 min Scan# 3634
Delta R.T. -0.03 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion: 91 Resp: 158558

Ion	Ratio	Lower	Upper
91	100		
134	172.8	19.5	29.3#

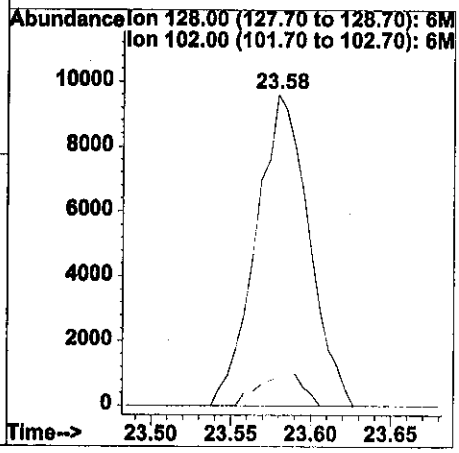




#86
Naphthalene
Concen: 0.64 ug/kg
RT: 23.58 min Scan# 4265
Delta R.T. -0.01 min
Lab File: 6M20657.D
Acq: 19 Jun 2000 18:20

Tgt Ion:128 Resp: 22054

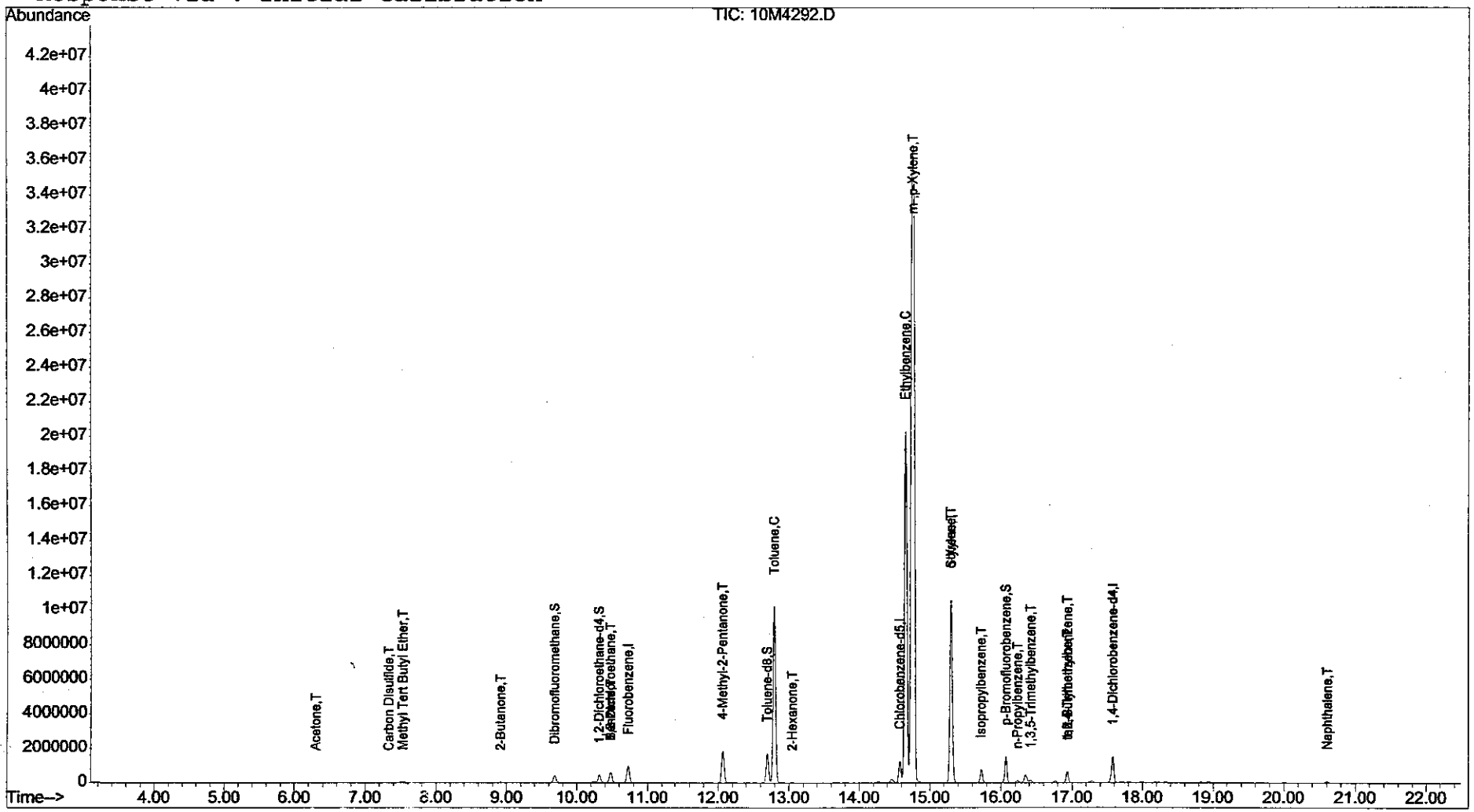
Ion	Ratio	Lower	Upper
128	100		
102	8.6	7.2	10.8



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4292.D Vial: 6
Acq On : 21 Jun 2000 00:18 Operator: MES
Sample : L0006193-16 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 0:41 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



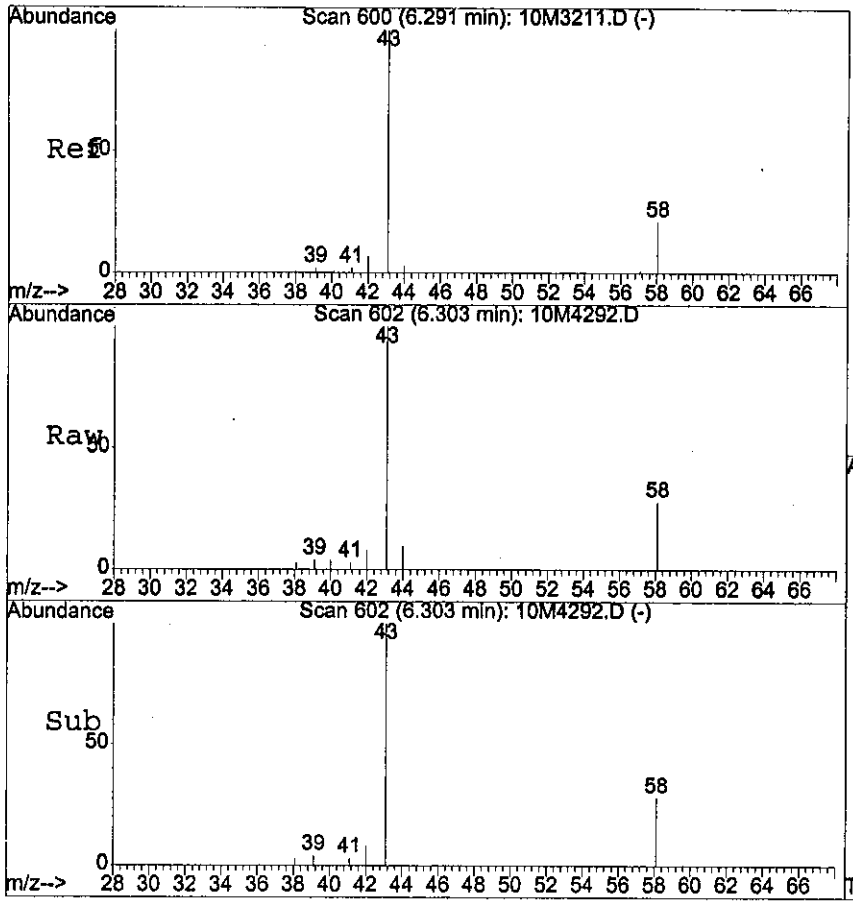
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4292.D Vial: 6
Acq On : 21 Jun 2000 00:18 Operator: MES
Sample : L0006193-16 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 0:41 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.73	96	1111188	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.58	117	791177	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	425604	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	369146	23.45	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.80%				
33) 1,2-Dichloroethane-d4	10.32	65	470790	22.42	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 89.68%				
45) Toluene-d8	12.70	98	1442385	25.73	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 102.92%				
66) p-Bromofluorobenzene	16.07	95	620265	26.99	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 107.96%				
Target Compounds							Qvalue
11) Acetone	6.30	43	38236	~~13.77~~	ug/L		97
16) Carbon Disulfide	7.33	76	19896	~~0.42~~	ug/L		98
18) Methyl Tert Butyl Ether	7.53	73	75907	~~2.40~~	ug/L		94
23) 2-Butanone	8.92	43	42957	~~10.81~~	ug/L		97
34) 1,2-Dichloroethane	10.48	62	10455	0.40	ug/L	#	1
35) Benzene	10.48	78	706173	10.92	ug/L		98
41) 4-Methyl-2-Pentanone	12.07	58	729196	226.23	ug/L	I	95
46) Toluene	12.79	91	10162138	52.48	ug/L		98
50) 2-Hexanone	13.04	43	15870	2.55	ug/L	#	35
58) Ethylbenzene	14.66	106	6790070	282.38	ug/L	I	89
59) m-,p-Xylene	14.76	106	24125065	811.74	ug/L	# I	1
60) o-Xylene	15.31	106	3867232	131.79	ug/L		80
61) Styrene	15.31	104	241865	5.25	ug/L	#	1
63) Isopropylbenzene	15.72	105	698266	8.66	ug/L		93
69) n-Propylbenzene	16.23	91	139777	1.56	ug/L		92
71) 1,3,5-Trimethylbenzene	16.42	105	108313	1.80	ug/L		94
75) tert-Butylbenzene	16.93	119	52423	0.99	ug/L	#	17
76) 1,2,4-Trimethylbenzene	16.93	105	481280	7.14	ug/L		90
86) Naphthalene	20.61	128	86489	3.07	ug/L		100

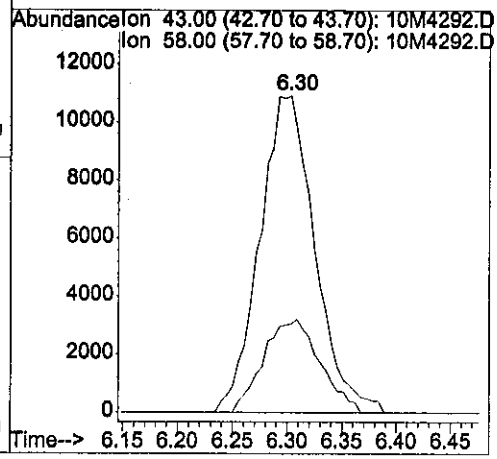
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10M4292.D 8260WTR.M Wed Jun 21 00:41:30 2000 Page 1

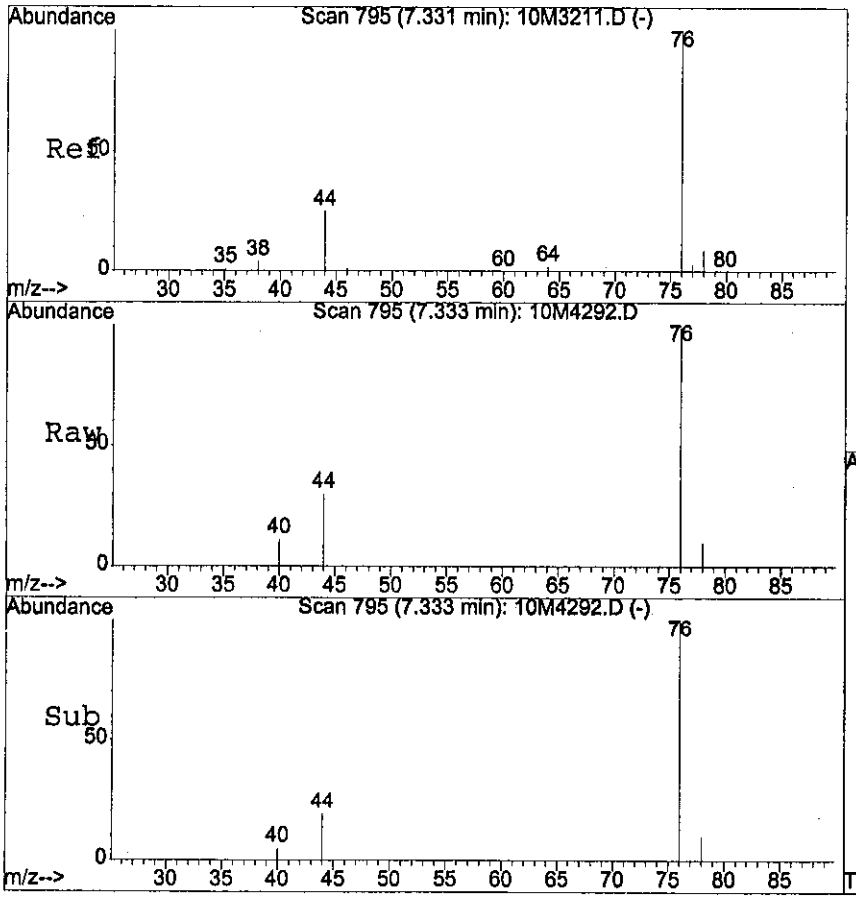


#11
Acetone
Concen: 13.77 ug/L
RT: 6.30 min Scan# 602
Delta R.T. -0.01 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 43 Resp: 38236

Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.6	34.0

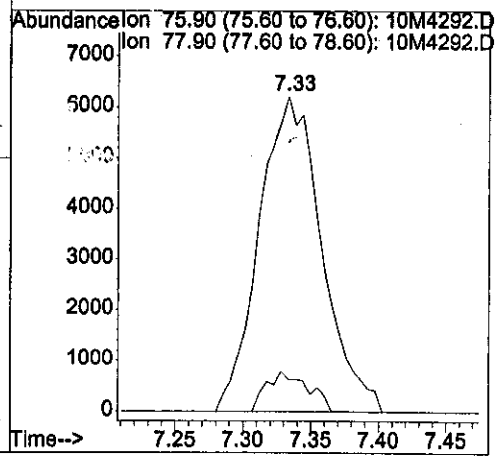


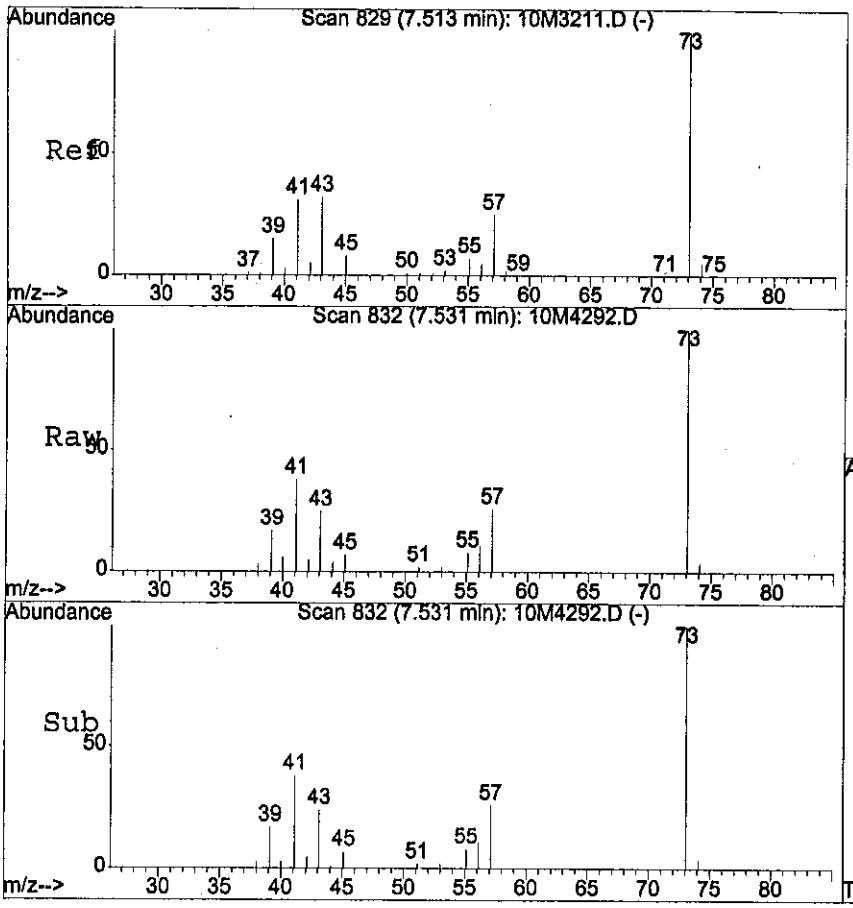


#16
Carbon Disulfide
Concen: 0.42 ug/L
RT: 7.33 min Scan# 795
Delta R.T. 0.01 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 76 Resp: 19896

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

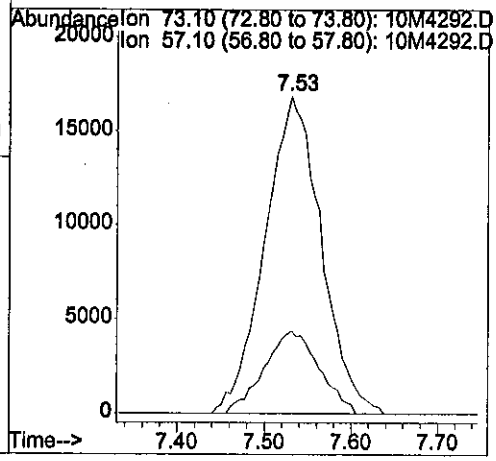


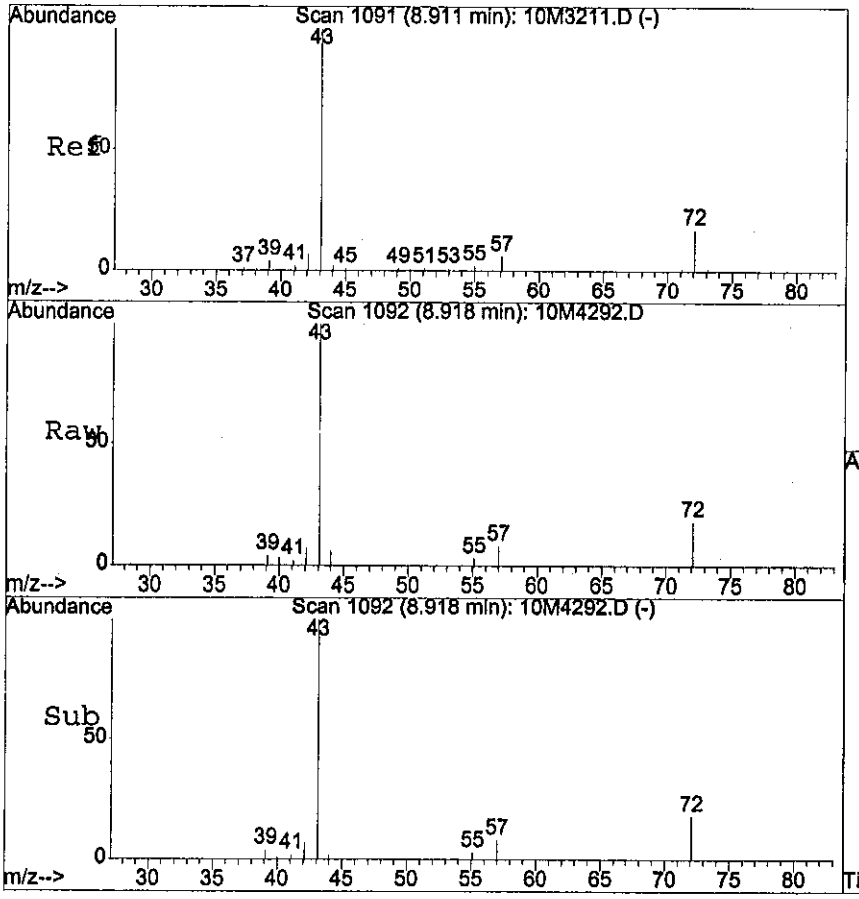


#18
Methyl Tert Butyl Ether
Concen: 2.40 ug/L
RT: 7.53 min Scan# 832
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 73 Resp: 75907

Ion	Ratio	Lower	Upper
73	100		
57	25.3	23.0	34.4

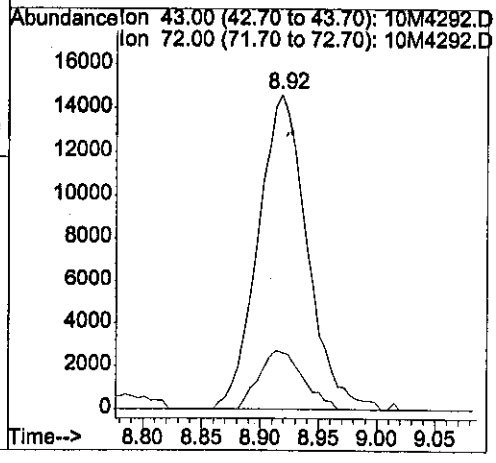


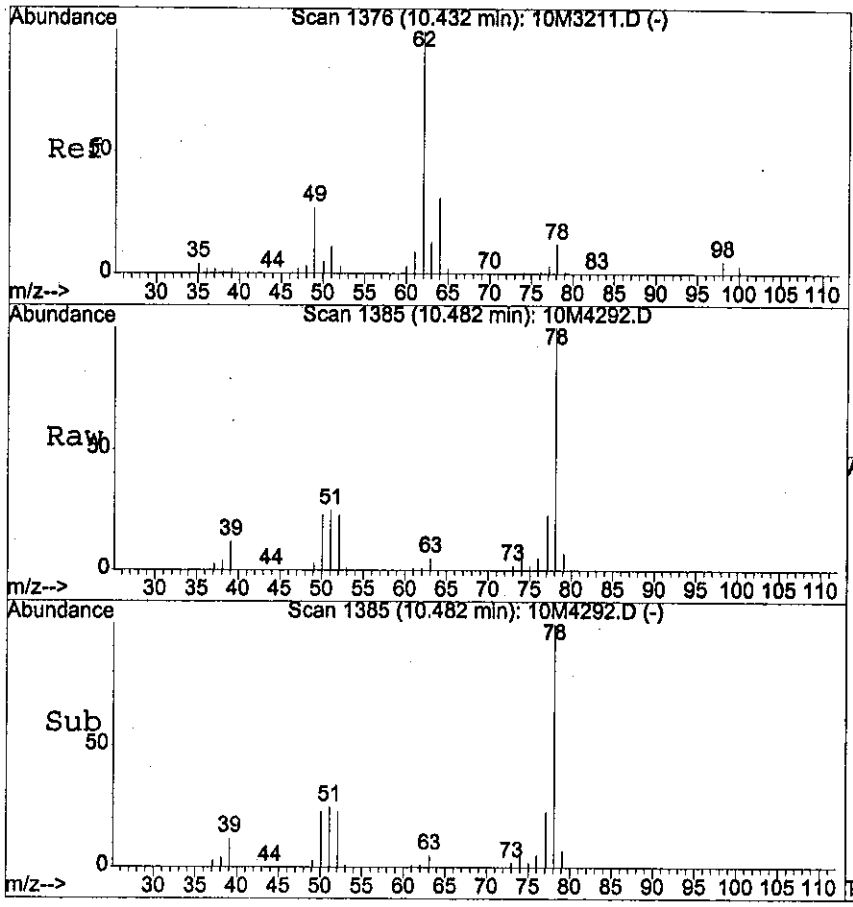


#23
2-Butanone
Concen: 10.81 ug/L
RT: 8.92 min Scan# 1092
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 43 Resp: 42957

Ion	Ratio	Lower	Upper
43	100		
72	16.5	14.4	21.6

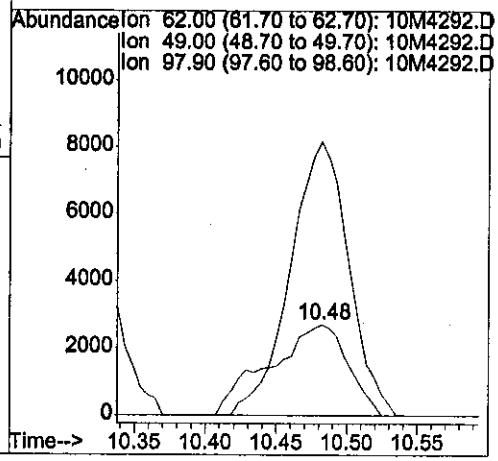


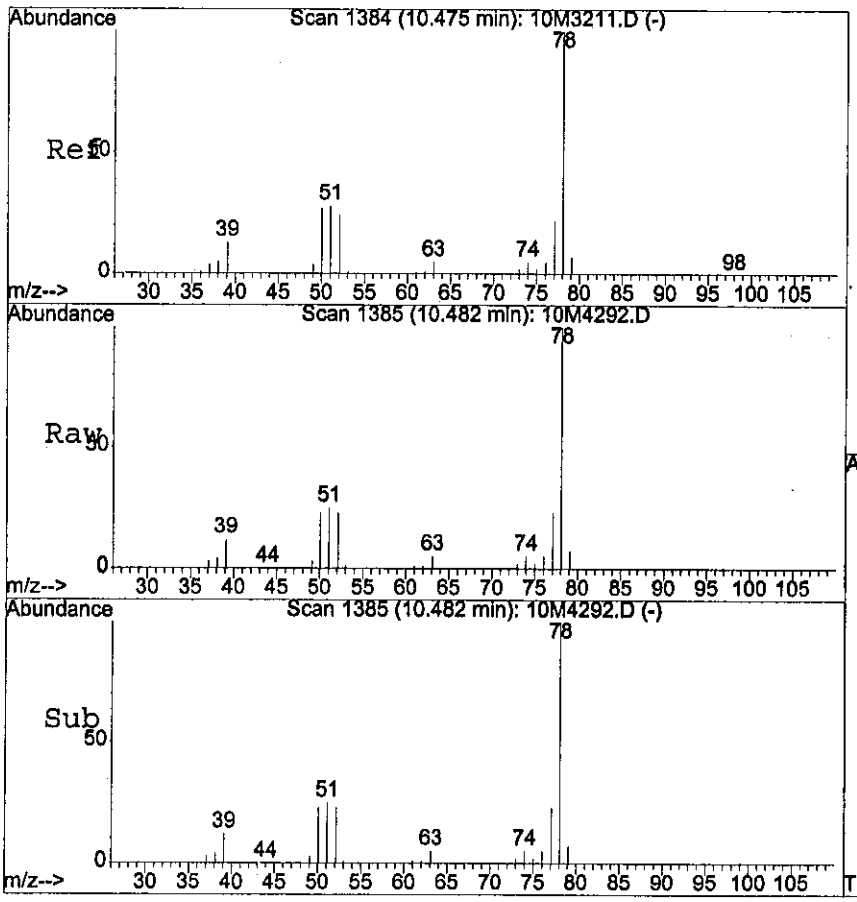


#34
1,2-Dichloroethane
Concen: 0.40 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.05 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 62 Resp: 10455

Ion	Ratio	Lower	Upper
62	100		
49	224.8	28.5	42.7#
98	0.0	6.2	9.4#

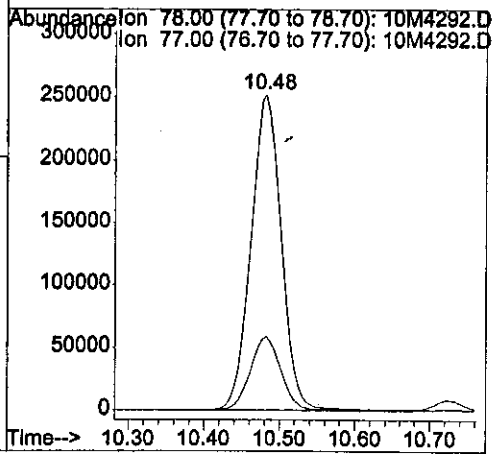


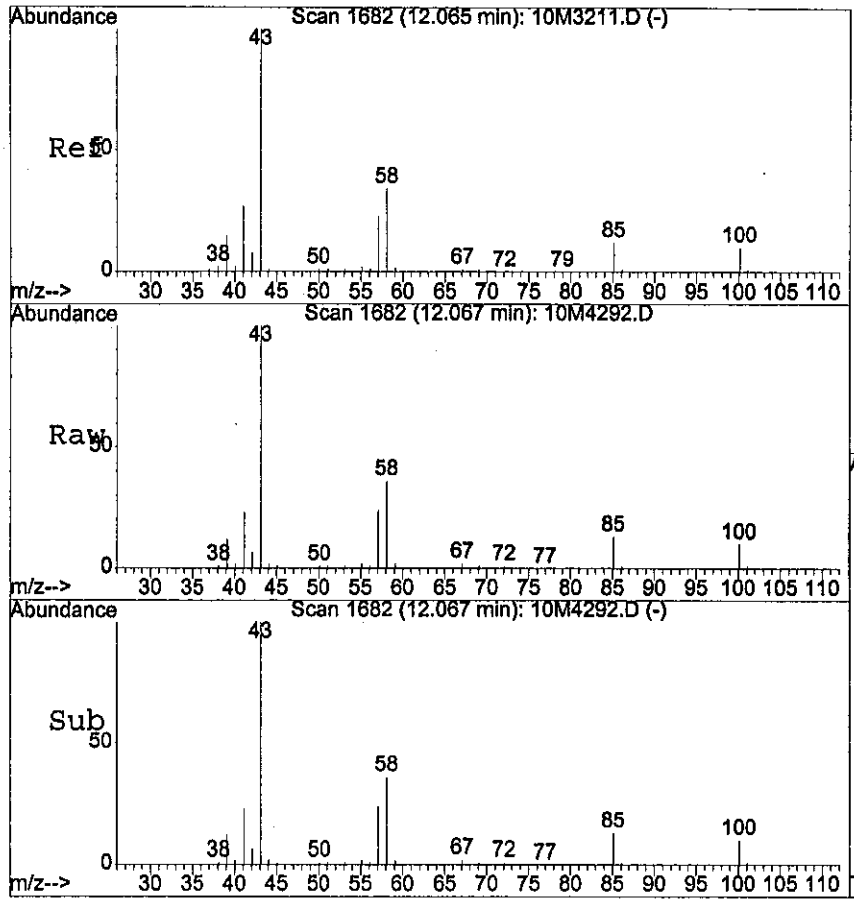


#35
Benzene
Concen: 10.92 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 78 Resp: 706173

Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9

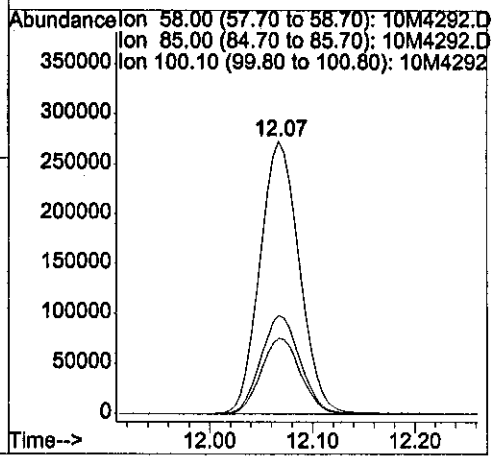


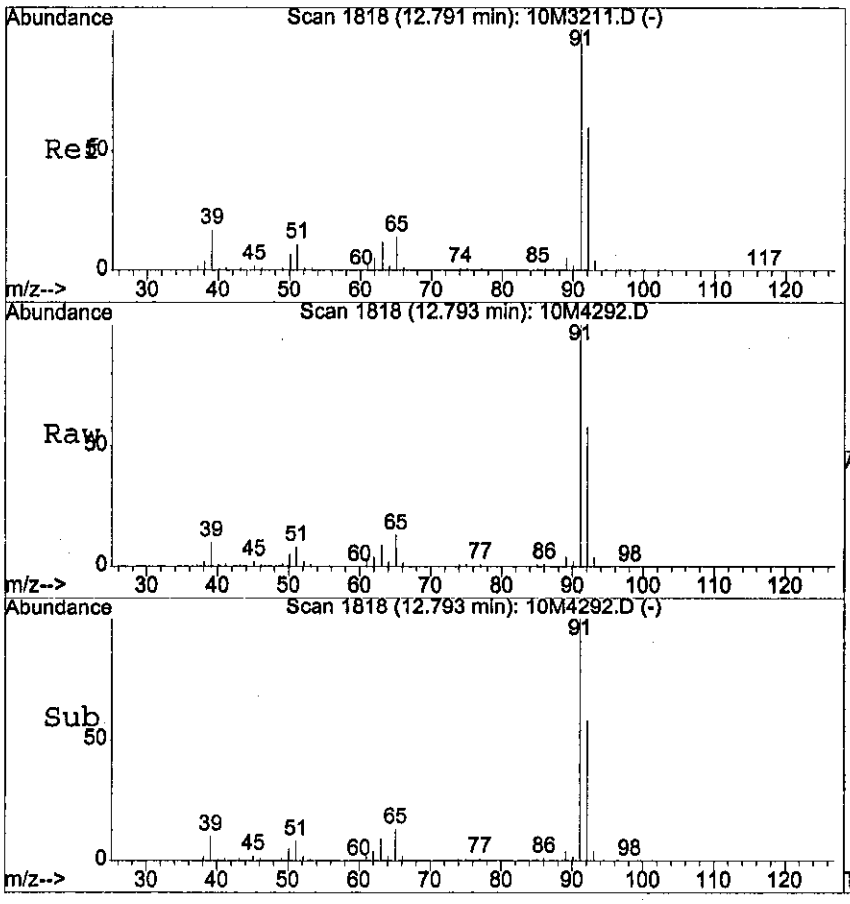


#41
4-Methyl-2-Pentanone
Concen: 226.23 ug/L
RT: 12.07 min Scan# 1682
Delta R.T. -0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 58 Resp: 729196

Ion	Ratio	Lower	Upper
58	100		
85	35.8	28.6	42.8
100	27.7	27.3	40.9

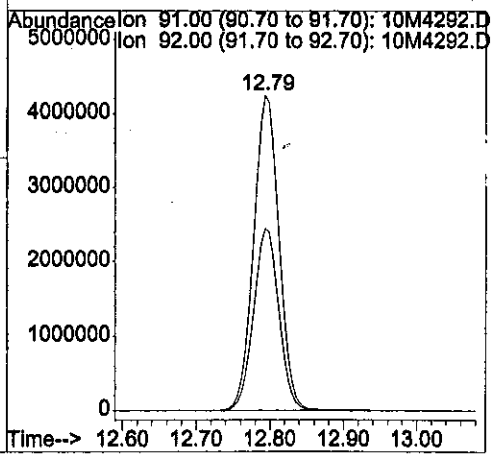


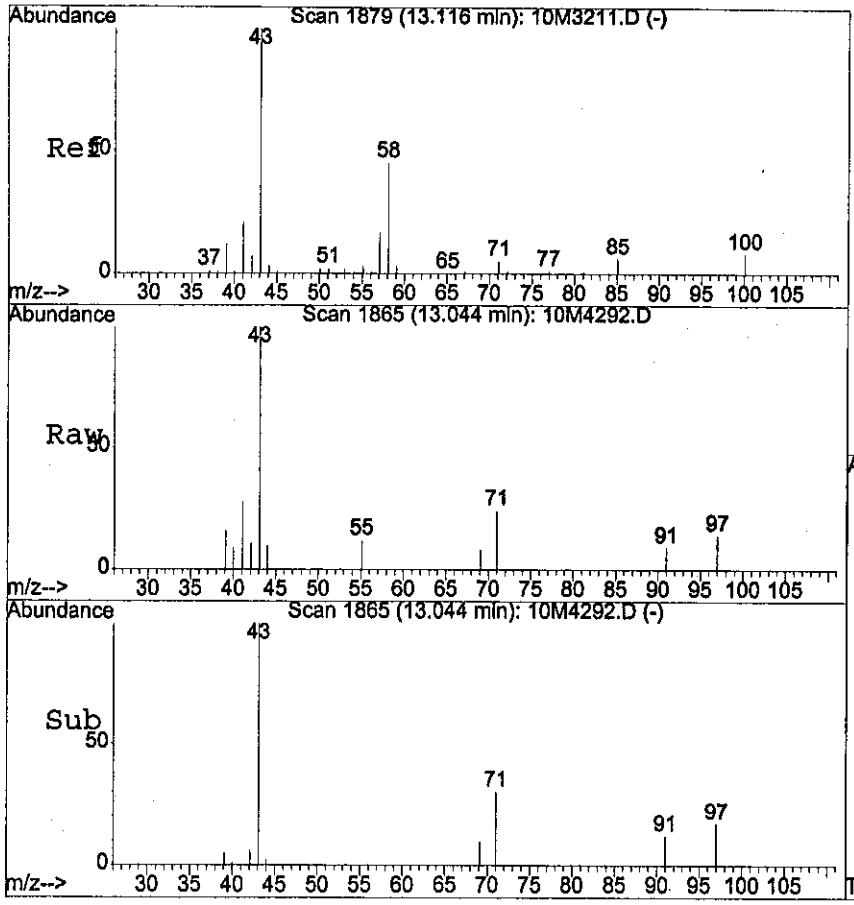


#46
Toluene
Concen: 152.48 ug/L
RT: 12.79 min Scan# 1818
Delta R.T. -0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 91 Resp:10162138

Ion	Ratio	Lower	Upper
91	100		
92	57.9	47.3	70.9

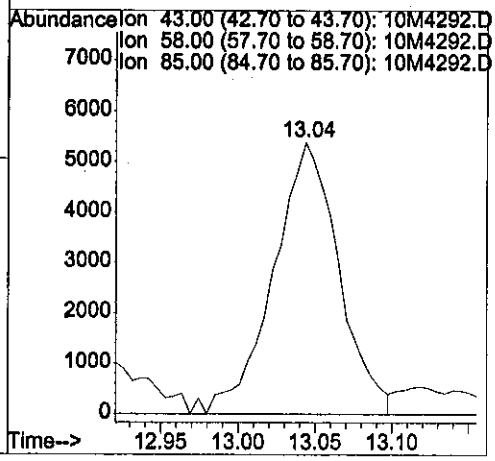


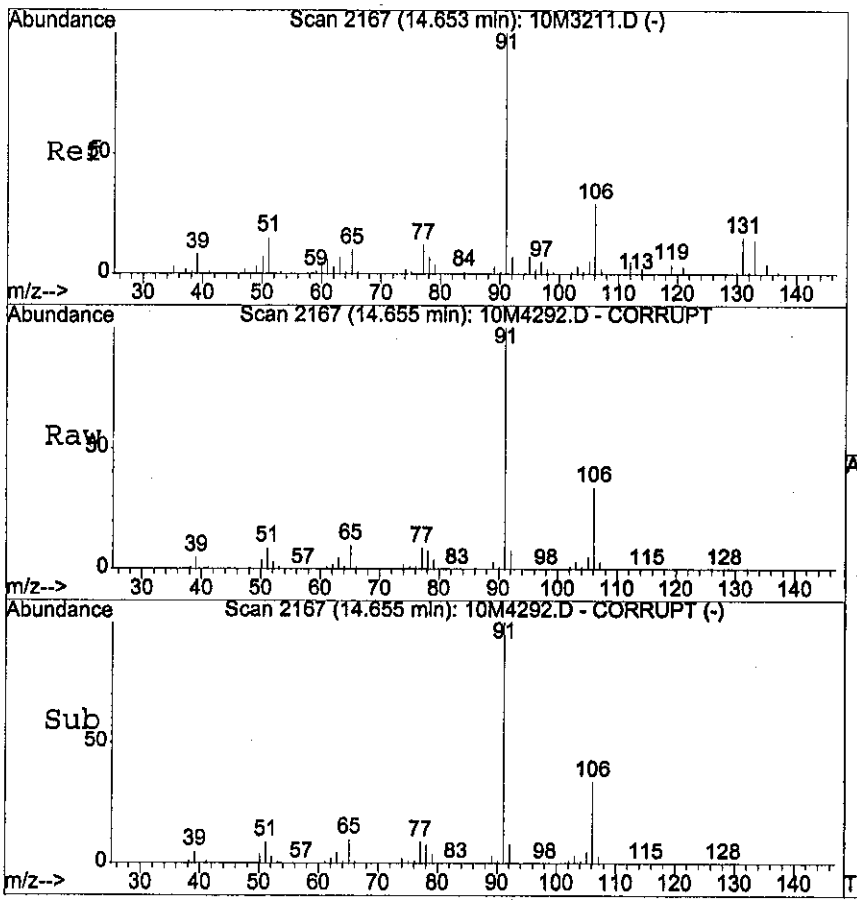


#50
2-Hexanone
Concen: 2.55 ug/L
RT: 13.04 min Scan# 1865
Delta R.T. -0.08 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 43 Resp: 15870

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.6	58.0#
85	0.0	4.7	7.1#

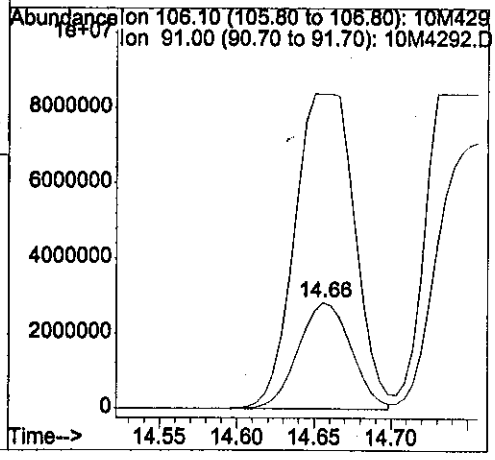


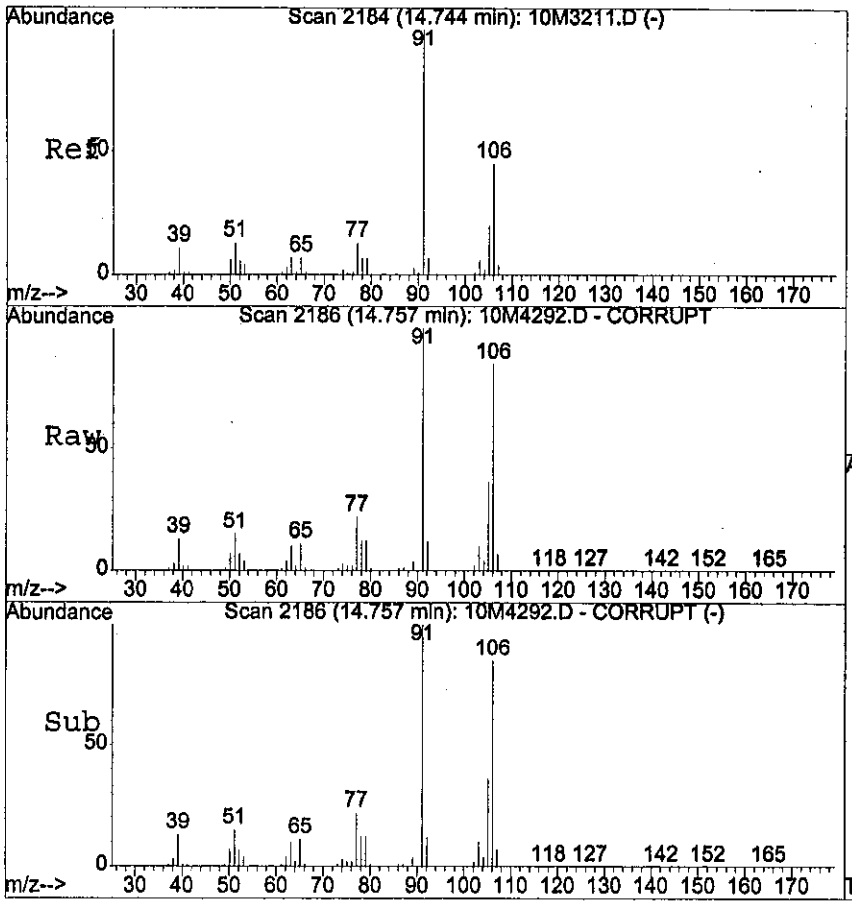


#58
Ethylbenzene
Concen: 282.38 ug/L
RT: 14.66 min Scan# 2167
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:106 Resp: 6790070

Ion	Ratio	Lower	Upper
106	100		
91	335.8	251.4	377.2

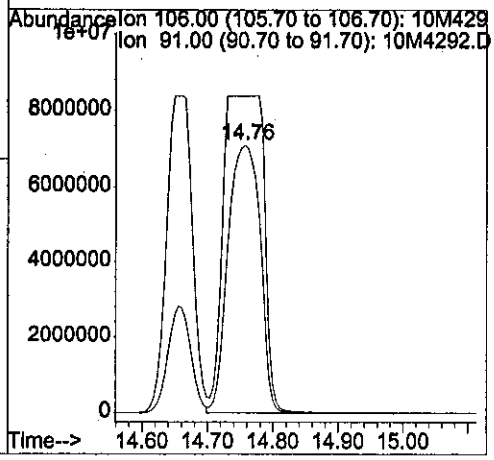


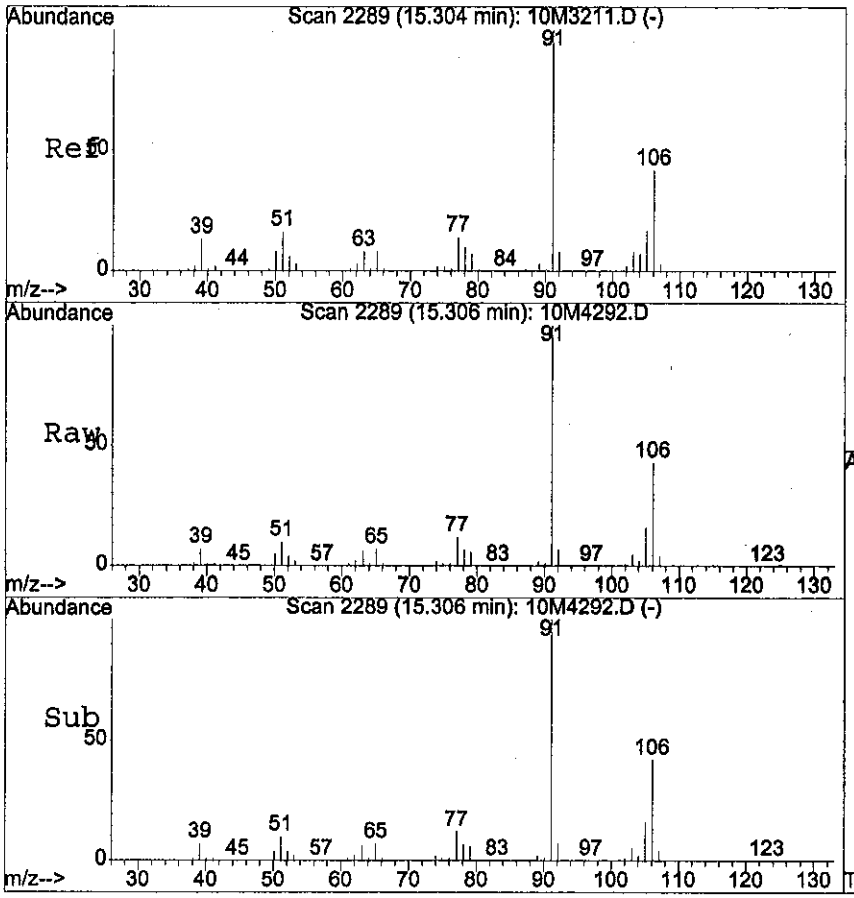


#59
m-,p-Xylene
Concen: 811.74 ug/L
RT: 14.76 min Scan# 2186
Delta R.T. 0.01 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:106 Resp:24125065

Ion	Ratio	Lower	Upper
106	100		
91	10.5	153.8	230.6#

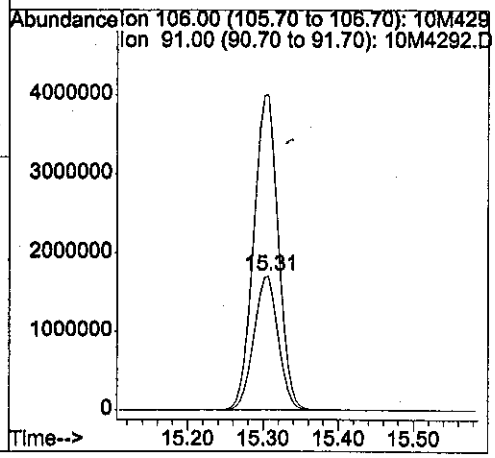


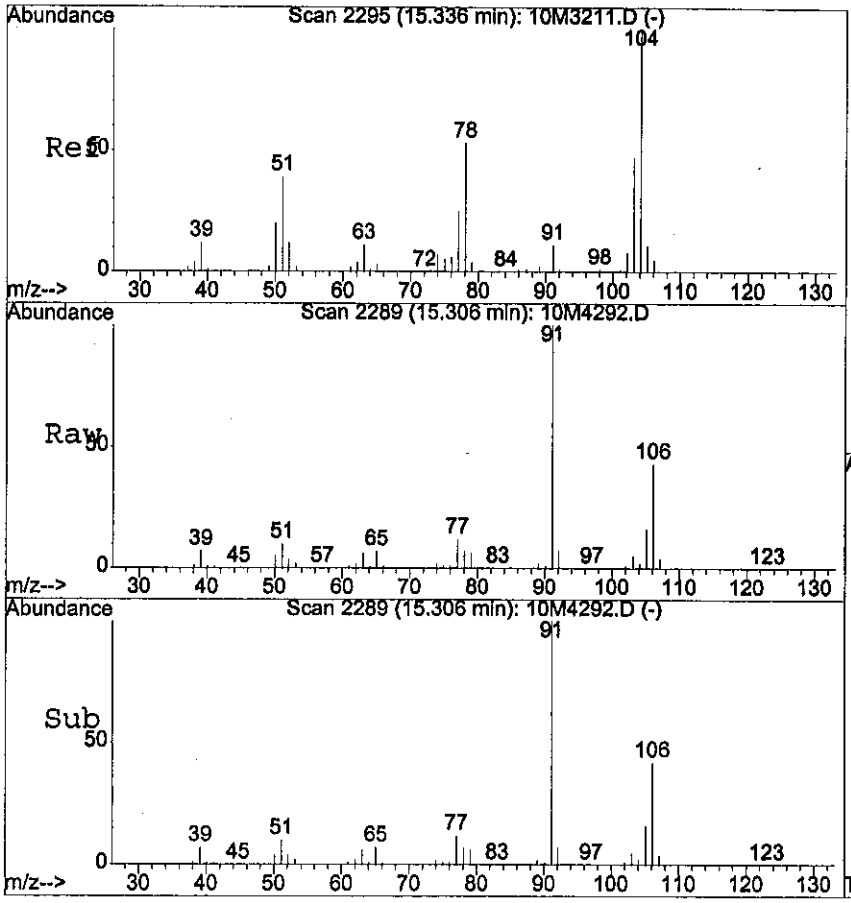


#60
o-Xylene
Concen: 131.79 ug/L
RT: 15.31 min Scan# 2289
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:106 Resp: 3867232

Ion	Ratio	Lower	Upper
106	100		
91	236.0	163.8	245.8

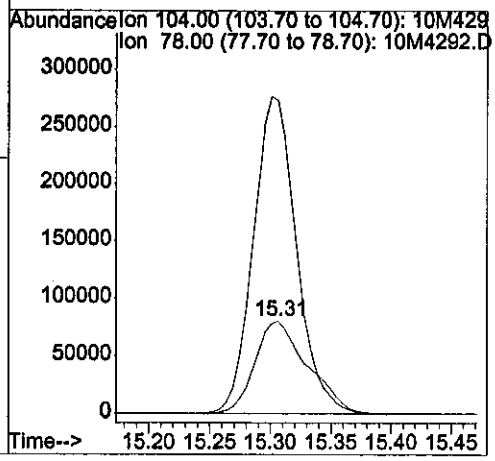


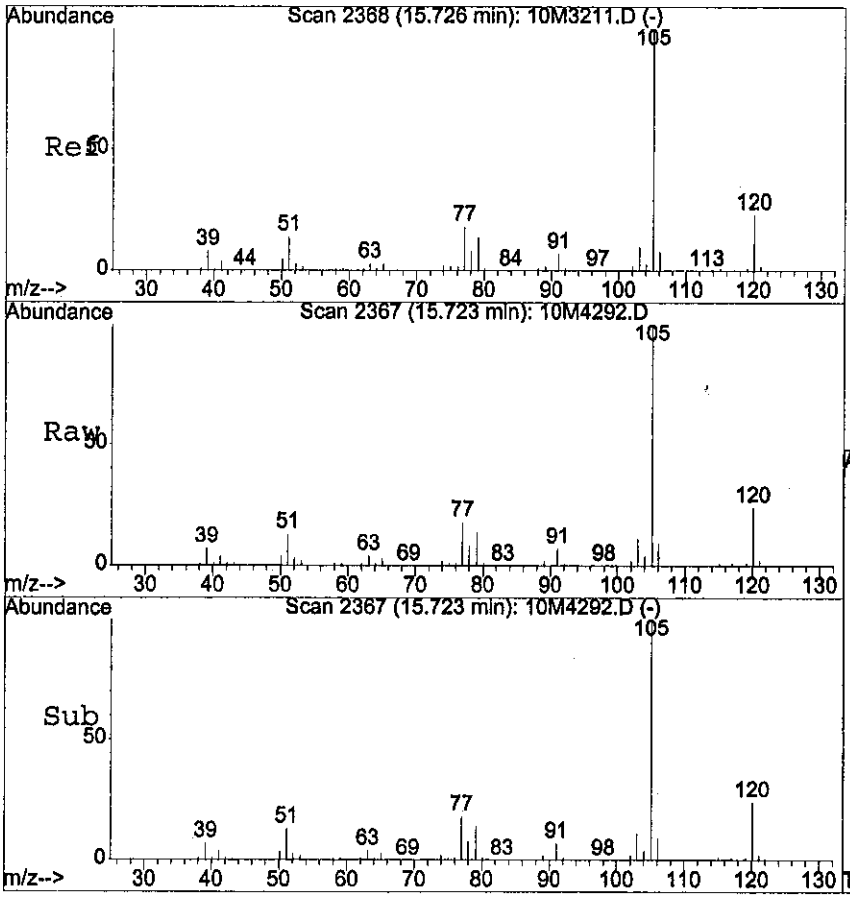


#61
Styrene
Concen: 5.25 ug/L
RT: 15.31 min Scan# 2289
Delta R.T. -0.03 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:104 Resp: 241865

Ion	Ratio	Lower	Upper
104	100		
78	282.5	38.4	57.6#

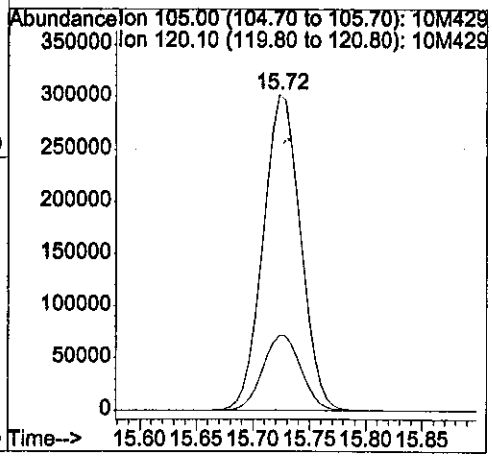


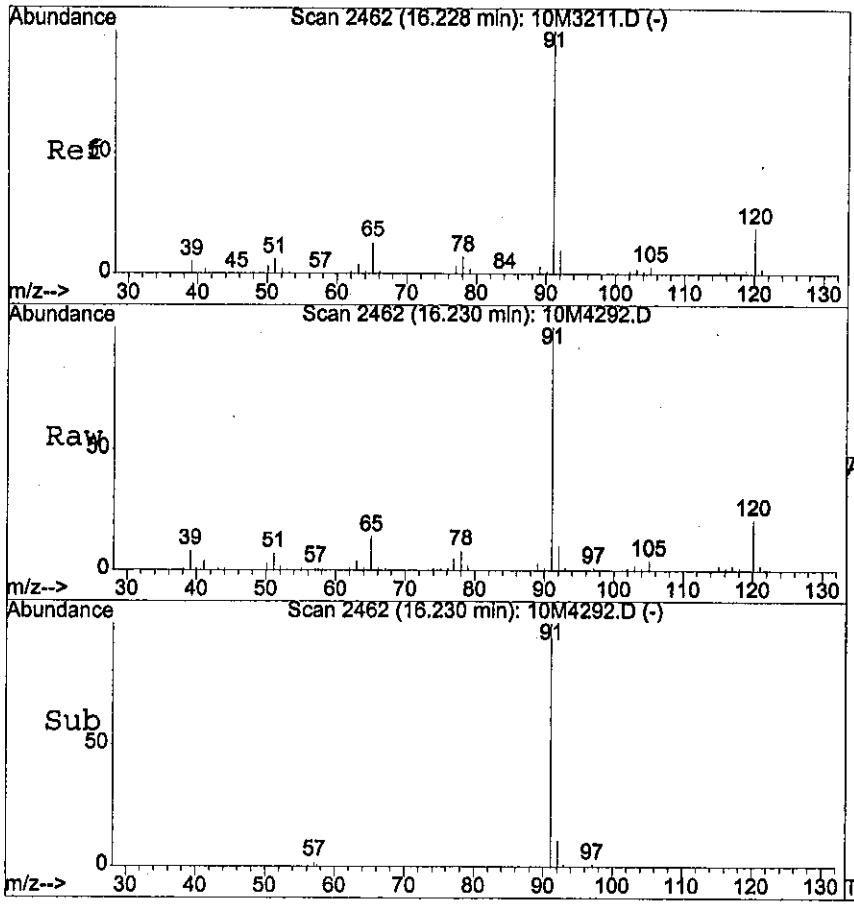


#63
Isopropylbenzene
Concen: 8.66 ug/L
RT: 15.72 min Scan# 2367
Delta R.T. -0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:105 Resp: 698266

Ion	Ratio	Lower	Upper
105	100		
120	24.2	22.2	33.4

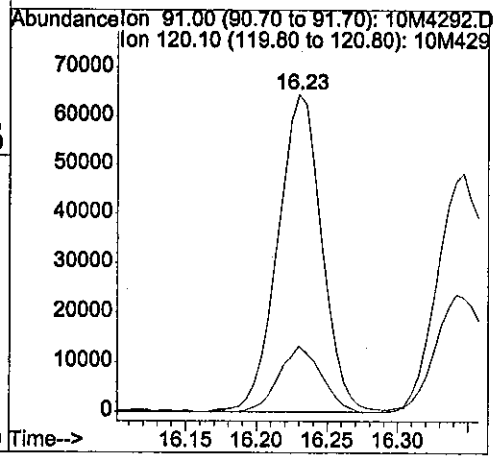


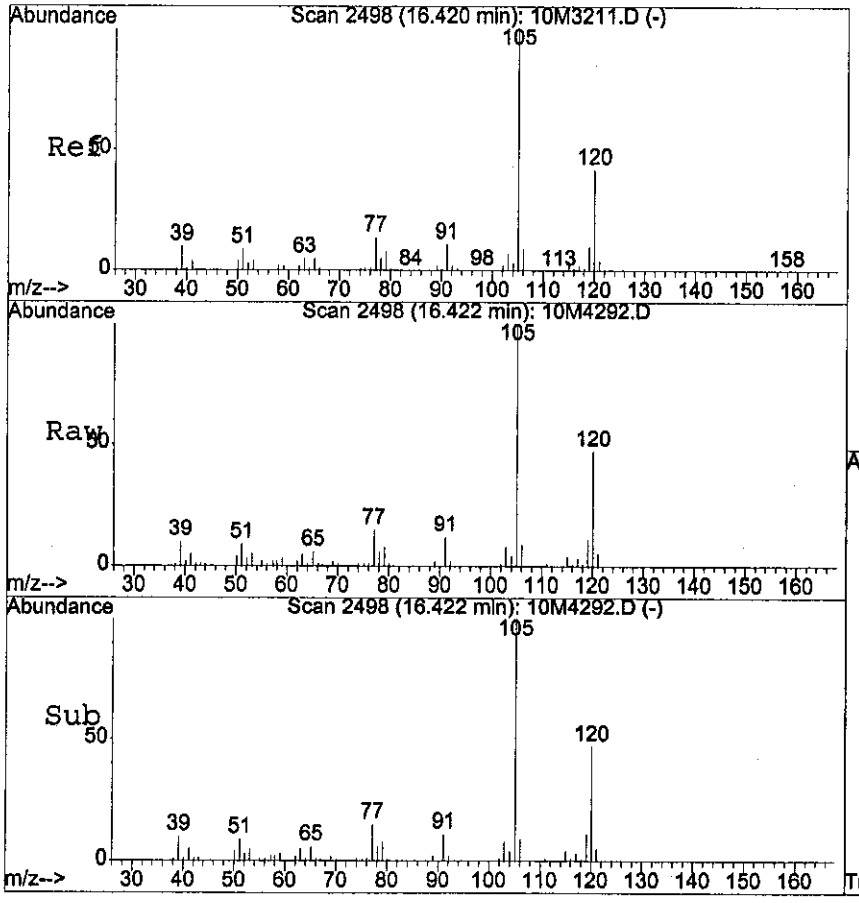


#69
n-Propylbenzene
Concen: 1.56 ug/L
RT: 16.23 min Scan# 2462
Delta R.T. 0.01 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion: 91 Resp: 139777

Ion	Ratio	Lower	Upper
91	100		
120	19.8	19.0	28.6

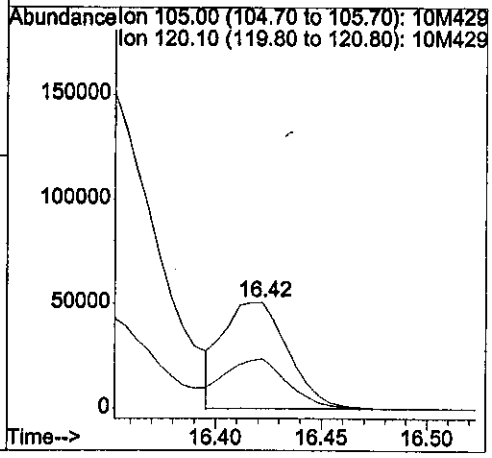


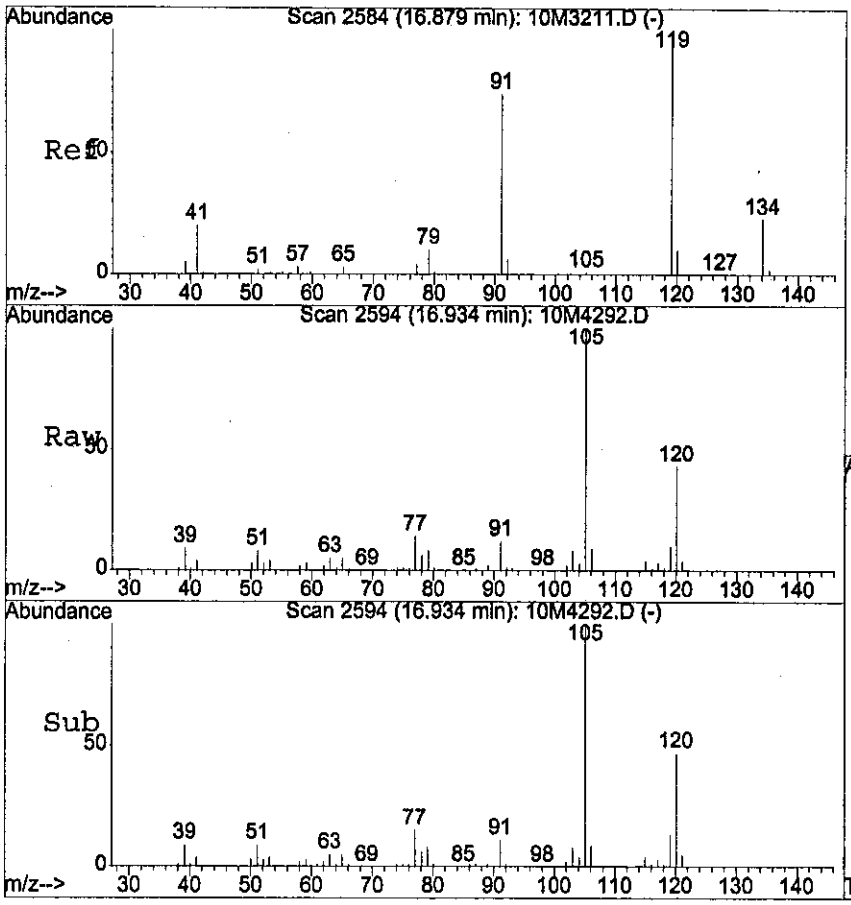


#71
1,3,5-Trimethylbenzene
Concen: 1.80 ug/L
RT: 16.42 min Scan# 2498
Delta R.T. -0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:105 Resp: 108313

Ion	Ratio	Lower	Upper
105	100		
120	47.8	41.4	62.2

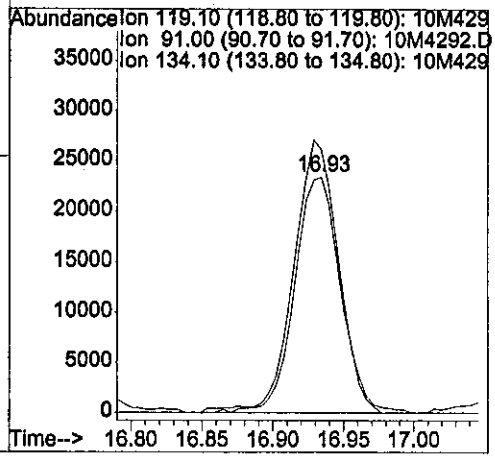


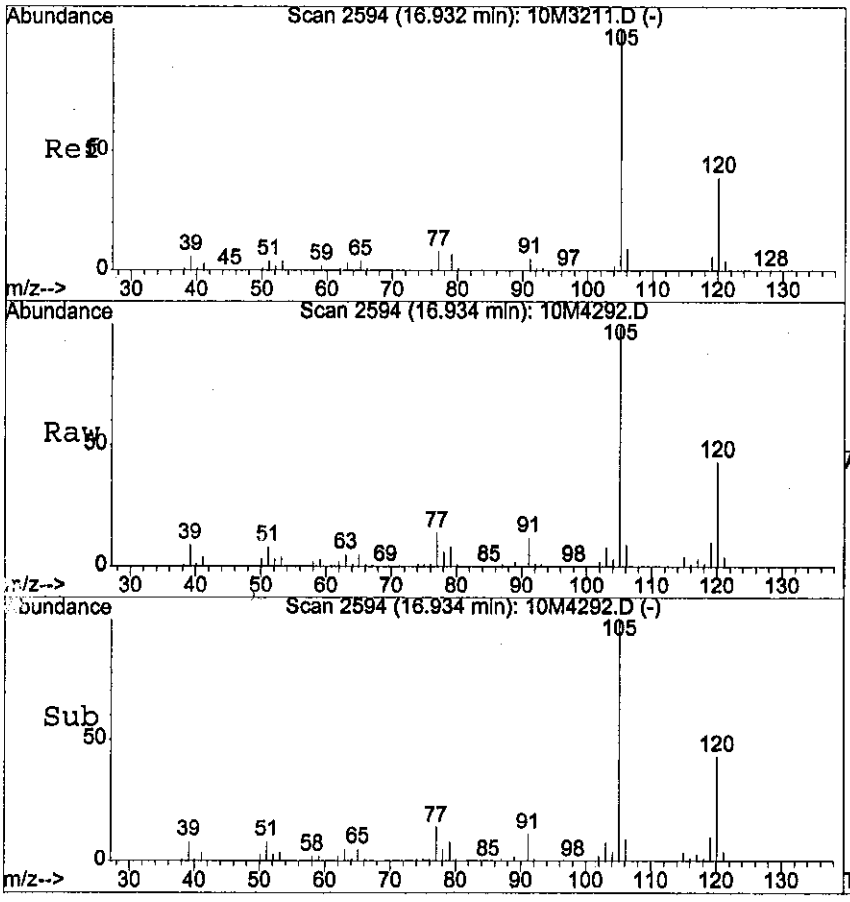


#75
tert-Butylbenzene
Concen: 0.99 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. 0.05 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:119 Resp: 52423

Ion	Ratio	Lower	Upper
119	100		
91	115.8	38.6	57.8#
134	0.0	18.9	28.3#

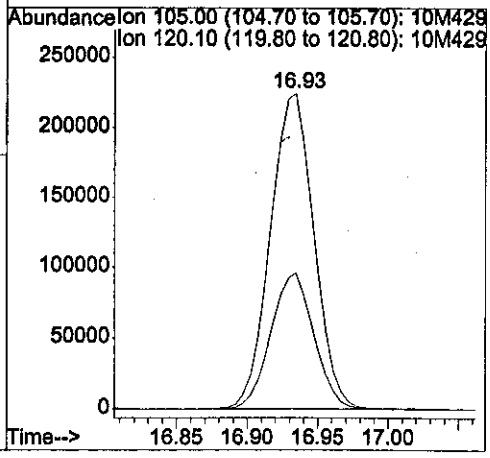


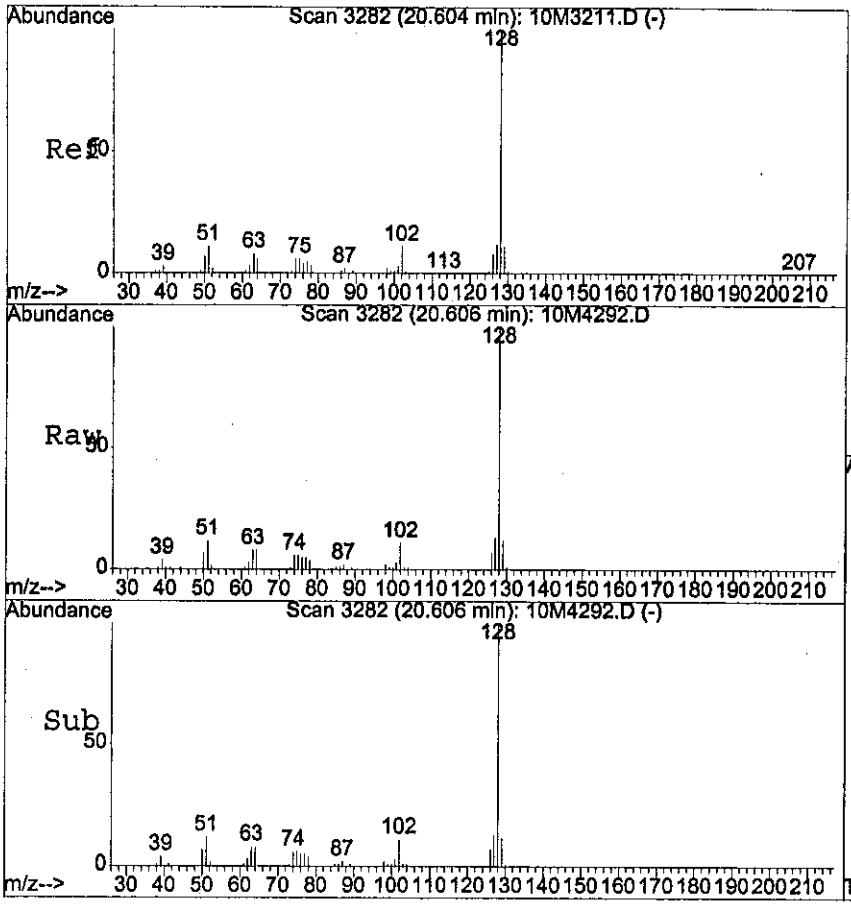


#76
1,2,4-Trimethylbenzene
Concen: 7.14 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. 0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:105 Resp: 481280

Ion	Ratio	Lower	Upper
105	100		
120	42.2	39.0	58.6

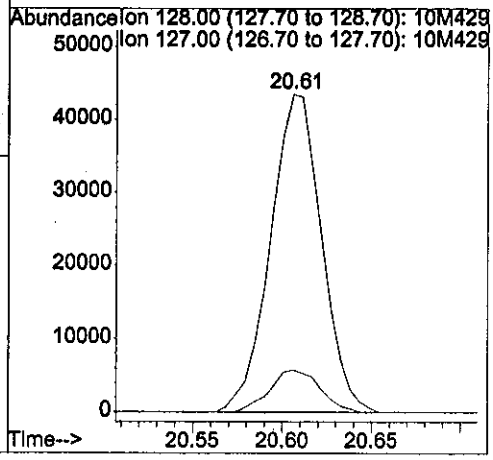




#86
Naphthalene
Concen: 3.07 ug/L
RT: 20.61 min Scan# 3282
Delta R.T. -0.00 min
Lab File: 10M4292.D
Acq: 21 Jun 2000 00:18

Tgt Ion:128 Resp: 86489

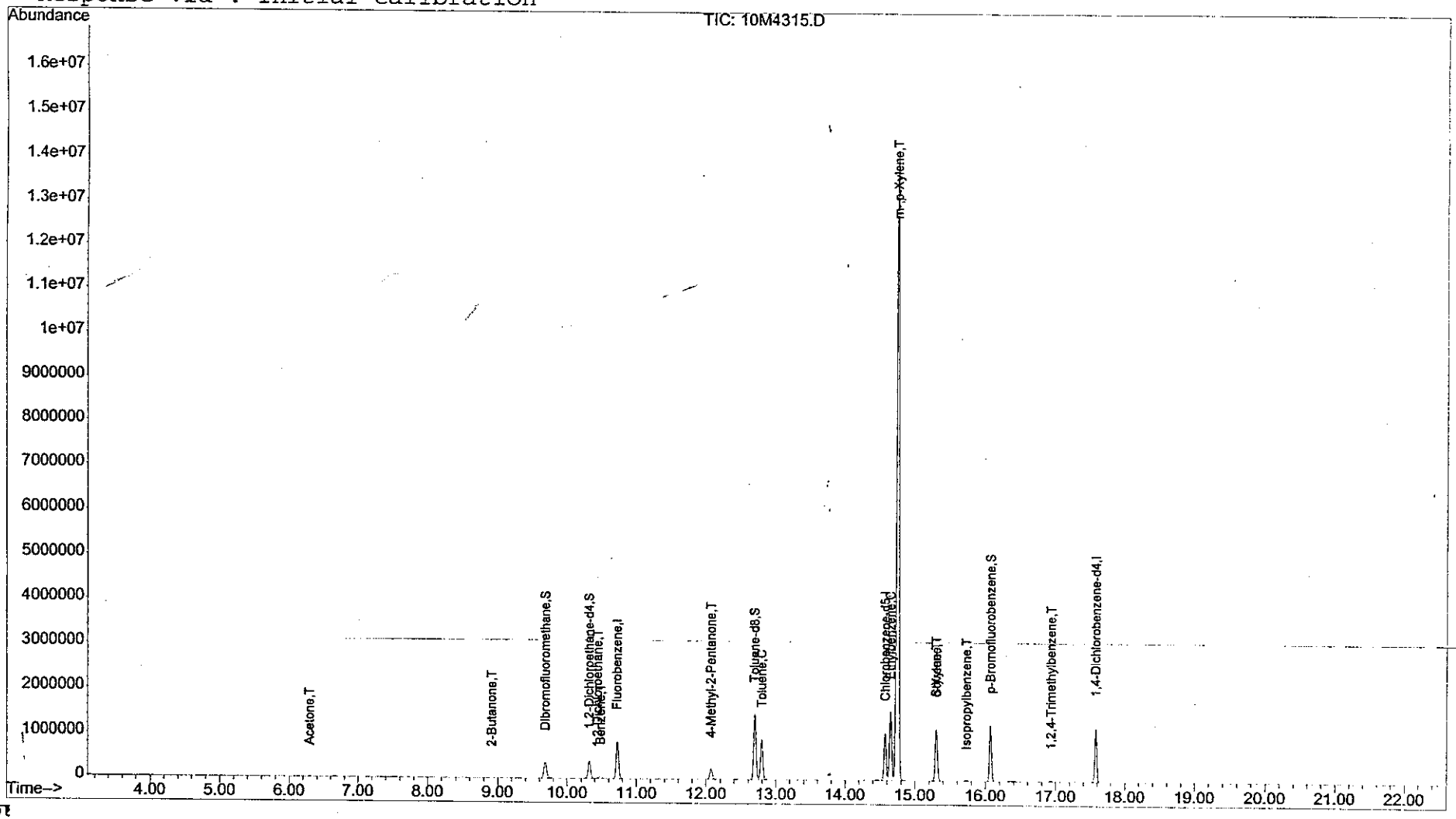
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4315.D Vial: 7
Acq On : 21 Jun 2000 12:04 Operator: MES
Sample : L0006193-16 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 12:26 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

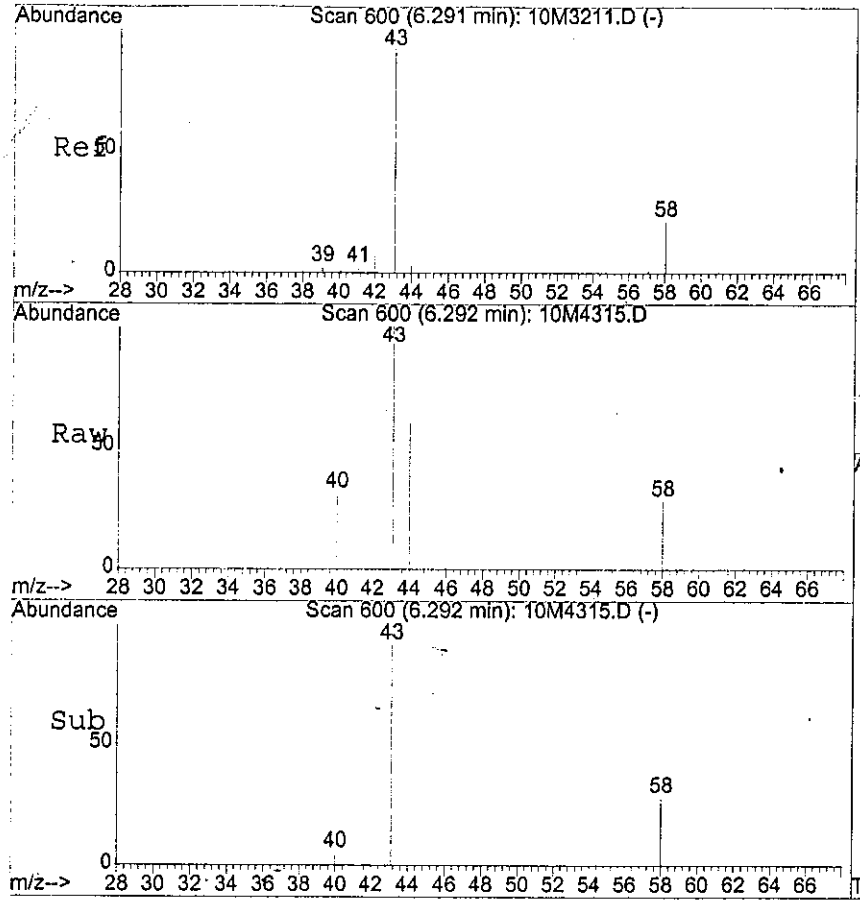
Data File : C:\HPCHEM\1\DATA\062100\10M4315.D Vial: 7
Acq On : 21 Jun 2000 12:04 Operator: MES
Sample : L0006193-16 10X 398-PPG-TANK ITCORP Inst : HPMS10
Misc : WATER,10 Multiplr: 10.00
MS Integration Params: rteint.p
Quant Time: Jun 21 12:26 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	914695	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	643891	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	343646	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.69	111	319276	24.64	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.56%			
33) 1,2-Dichloroethane-d4	10.32	65	426364	24.67	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.68%			
45) Toluene-d8	12.69	98	1203675	26.38	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 105.52%			
66) p-Bromofluorobenzene	16.07	95	514385	27.72	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 110.88%			
Target Compounds						Qvalue
11) Acetone	6.29	43	5213	22.81	ug/L #	46
18) Methyl Tert Butyl Ether	7.53	73	4026	1.54	ug/L #	46
23) 2-Butanone	8.91	43	4234	12.94	ug/L #	59
34) 1,2-Dichloroethane	10.43	62	3106	1.43	ug/L #	35
35) Benzene	10.48	78	62700	11.78	ug/L	99
41) 4-Methyl-2-Pentanone	12.07	58	83510	314.75	ug/L #	92
46) Toluene	12.79	91	820907	151.35	ug/L	99
56) Chlorobenzene	14.63	112	2777	0.74	ug/L #	43
58) Ethylbenzene	14.65	106	414755	211.94	ug/L	81
59) m-,p-Xylene	14.75	106	5351634	2212.56	ug/L	80
60) o-Xylene	15.30	106	381294	159.66	ug/L	77
61) Styrene	15.30	104	24383	6.51	ug/L #	1
63) Isopropylbenzene	15.73	105	18650	2.84	ug/L	92
69) n-Propylbenzene	16.23	91	3831	0.53	ug/L #	52
71) 1,3,5-Trimethylbenzene	16.42	105	9953	2.05	ug/L	92
72) 2-Chlorotoluene	16.42	91	1502	0.30	ug/L #	37
75) tert-Butylbenzene	16.93	119	2944	0.69	ug/L #	14
76) 1,2,4-Trimethylbenzene	16.93	105	26349	4.84	ug/L	89
86) Naphthalene	20.61	128	4658	2.05	ug/L #	68

(#) = qualifier out of range (m) = manual integration

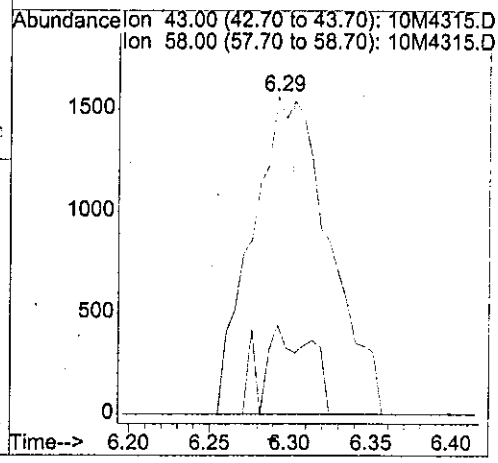
521

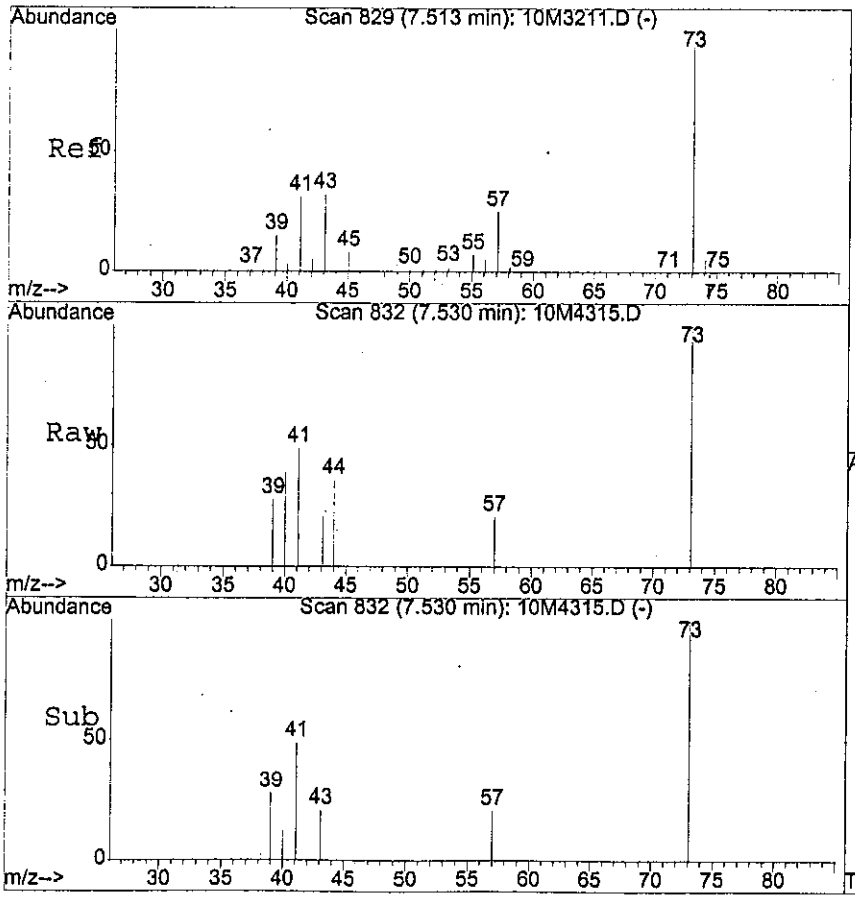


#11
Acetone
Concen: 22.81 ug/L
RT: 6.29 min Scan# 600
Delta R.T. -0.02 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 43 Resp: 5213

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.6	34.0#

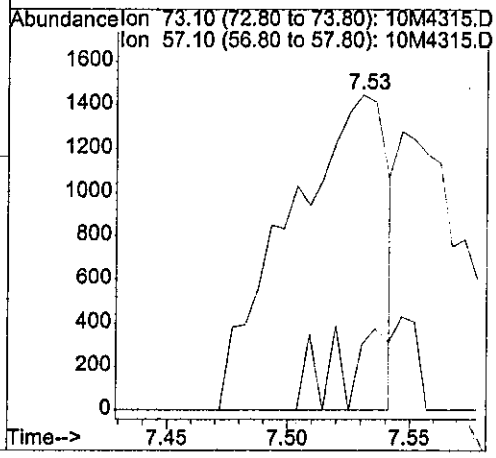


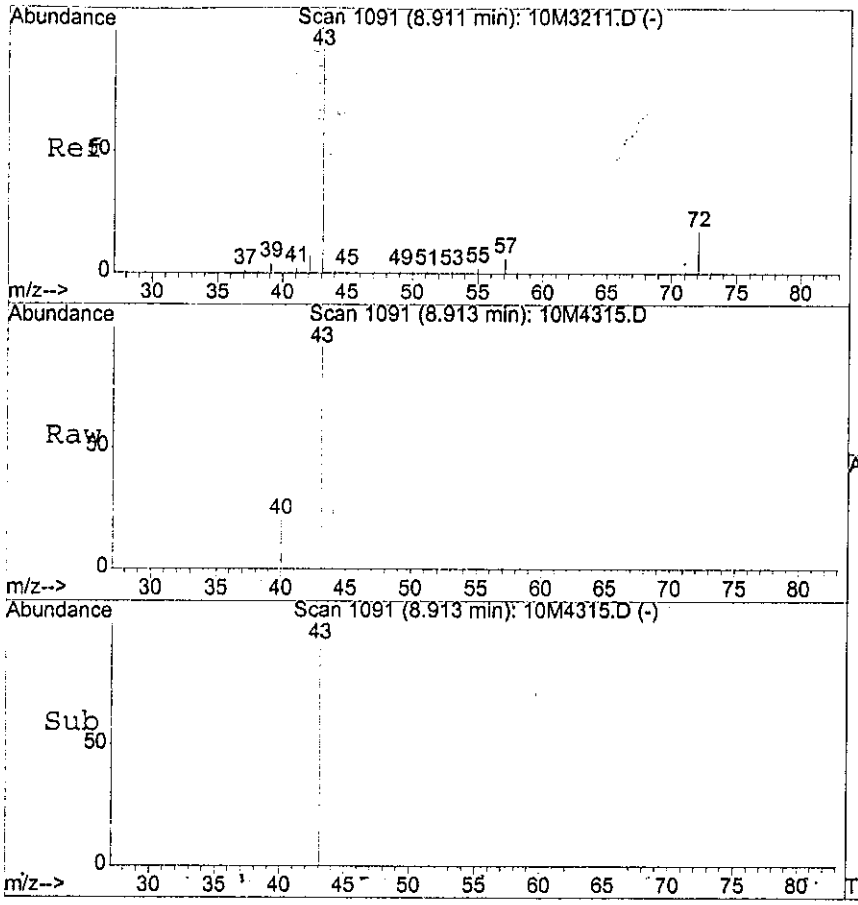


#18
Methyl Tert Butyl Ether
Concen: 1.54 ug/L
RT: 7.53 min Scan# 832
Delta R.T. 0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 73 Resp: 4026

Ion	Ratio	Lower	Upper
73	100		
57	0.0	23.0	34.4#

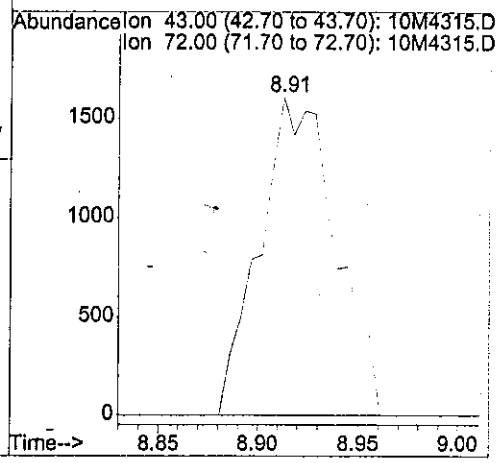


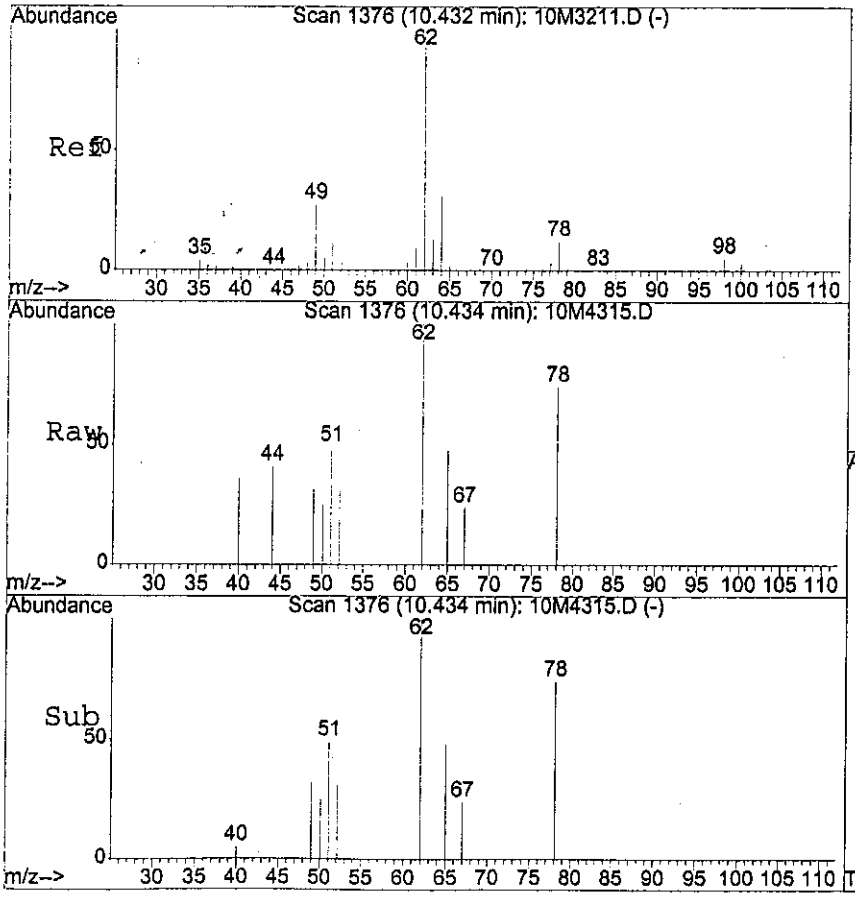


#23
2-Butanone
Concen: 12.94 ug/L
RT: 8.91 min Scan# 1091
Delta R.T. -0.01 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 43 Resp: 4234

Ion	Ratio	Lower	Upper
43	100		
72	0.0	14.4	21.6#

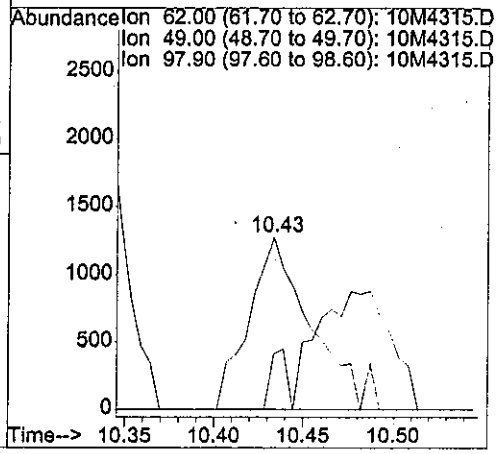


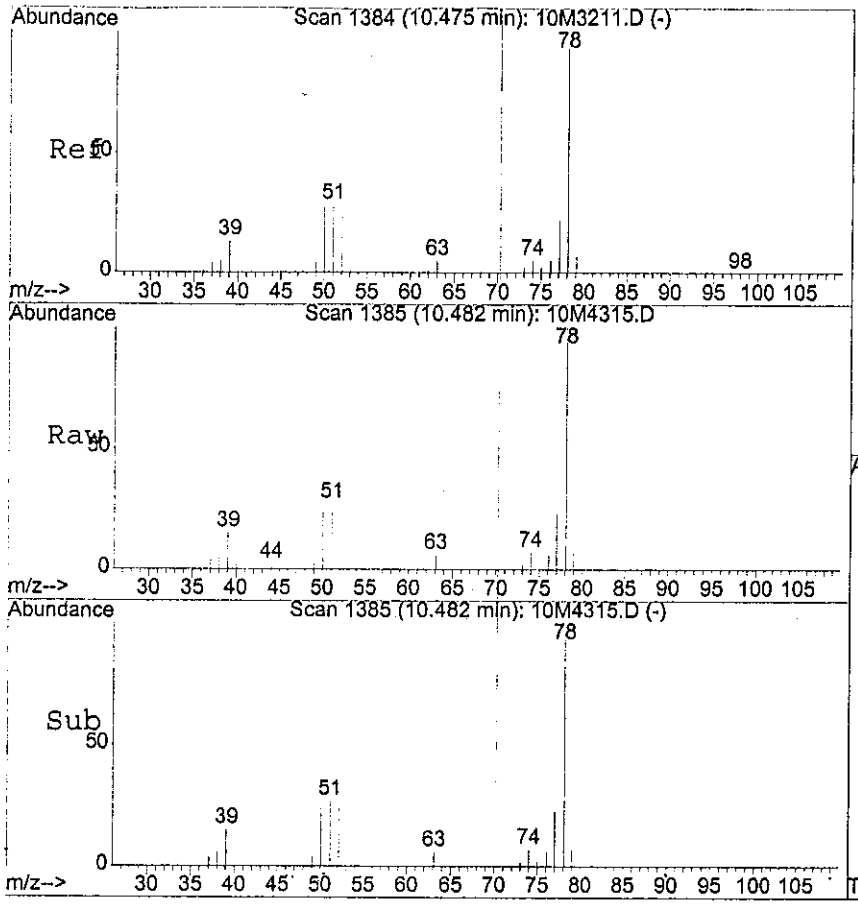


#34
1,2-Dichloroethane
Concen: 1.43 ug/L
RT: 10.43 min Scan# 1376
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 62 Resp: 3106

Ion	Ratio	Lower	Upper
62	100		
49	79.2	28.5	42.7#
98	0.0	6.2	9.4#

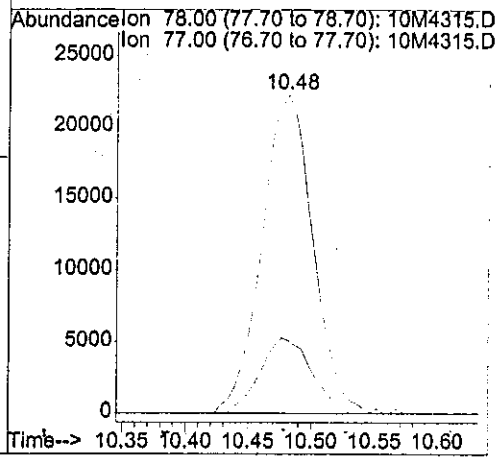


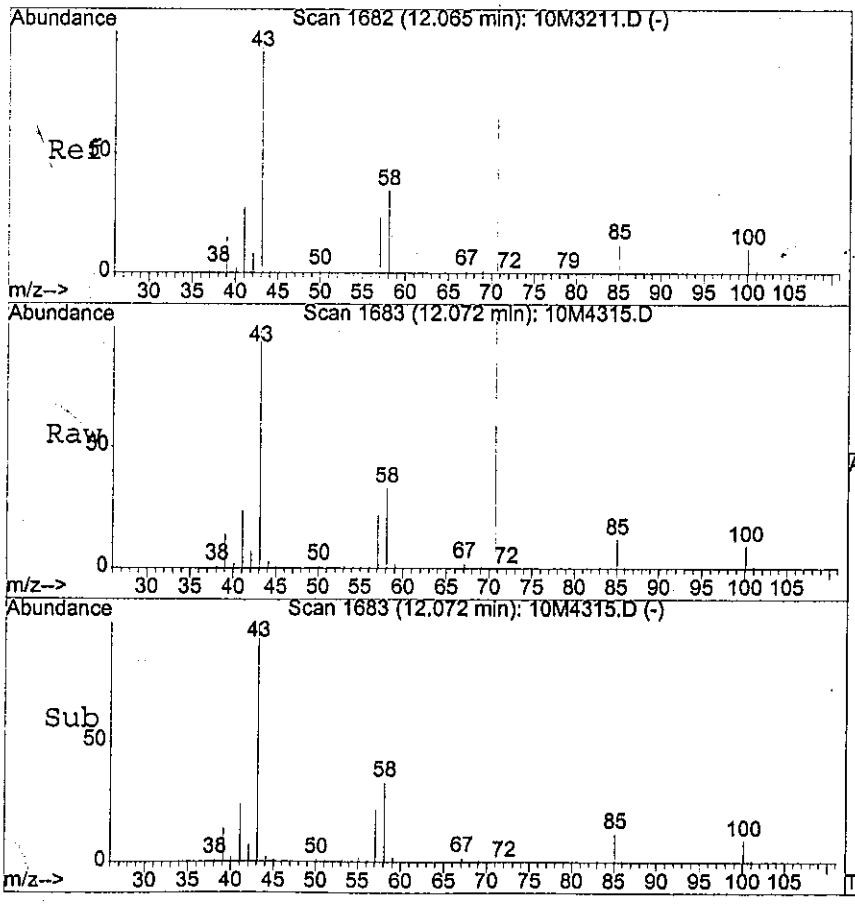


#35
Benzene
Concen: 11.78 ug/L
RT: 10.48 min Scan# 1385
Delta R.T. 0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 78 Resp: 62700

Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9

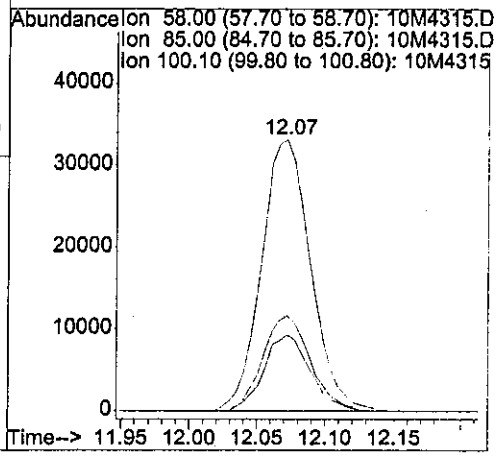


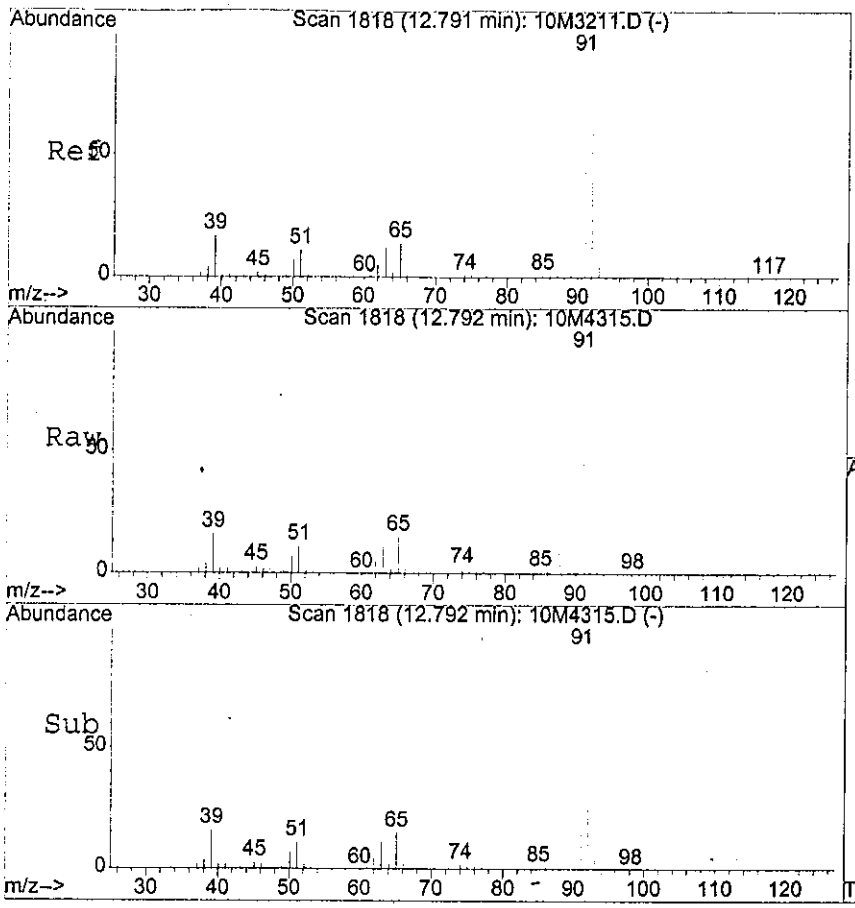


#41
4-Methyl-2-Pentanone
Concen: 314.75 ug/L
RT: 12.07 min Scan# 1683
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 58 Resp: 83510

Ion	Ratio	Lower	Upper
58	100		
85	33.8	28.6	42.8
100	26.4	27.3	40.9#

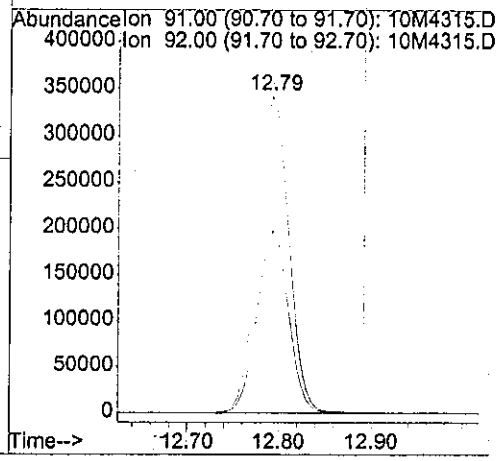


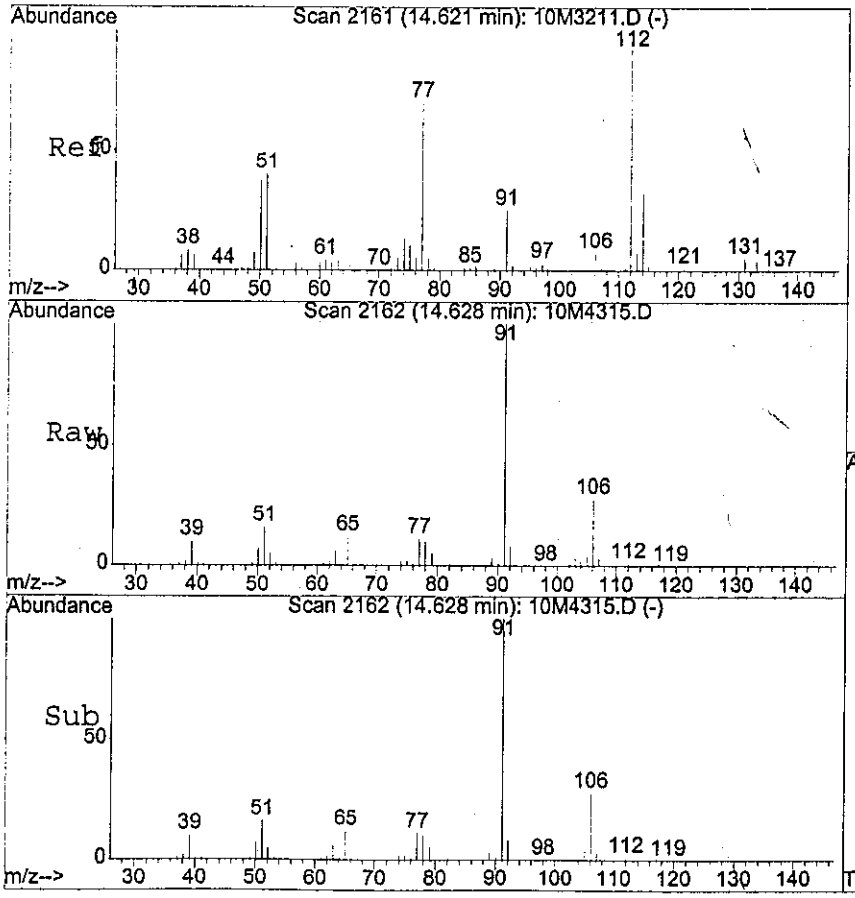


#46
Toluene
Concen: 151.35 ug/L
RT: 12.79 min Scan# 1818
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 91 Resp: 820907

Ion	Ratio	Lower	Upper
91	100		
92	58.0	47.3	70.9

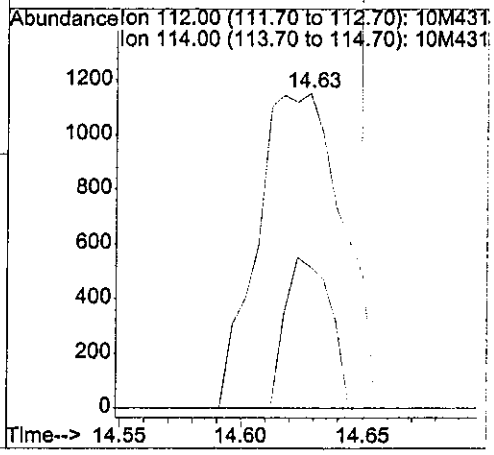


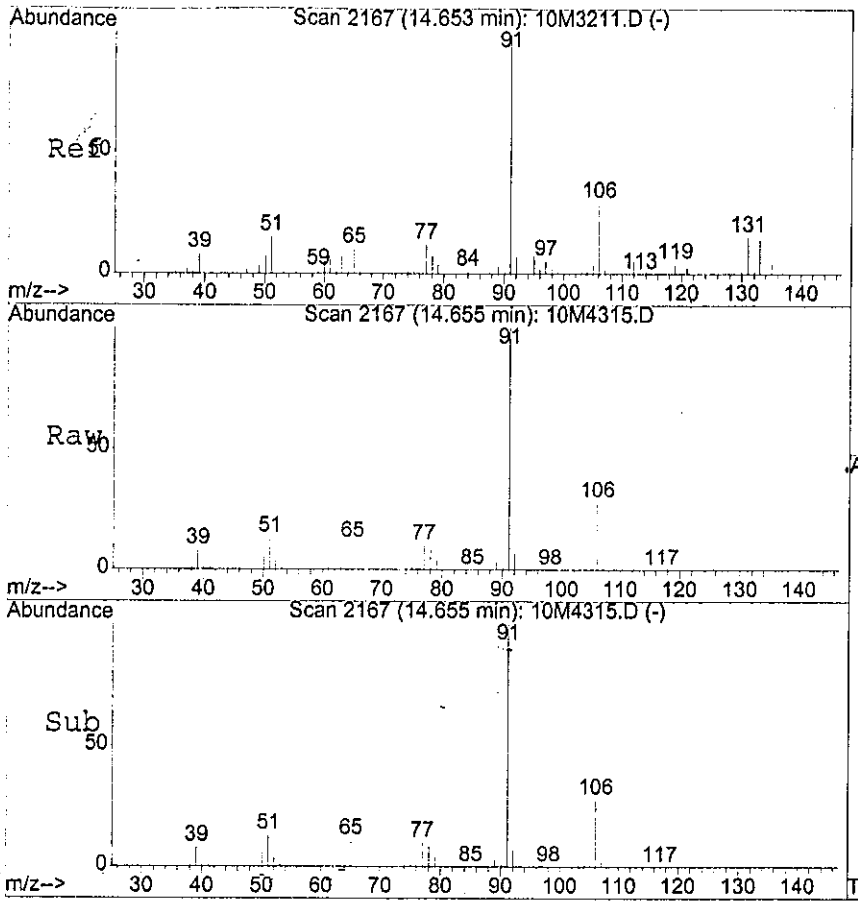


#56
Chlorobenzene
Concen: 0.74 ug/L
RT: 14.63 min Scan# 2162
Delta R.T. 0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:112 Resp: 2777

Ion	Ratio	Lower	Upper
112	100		
114	0.0	25.6	38.4#

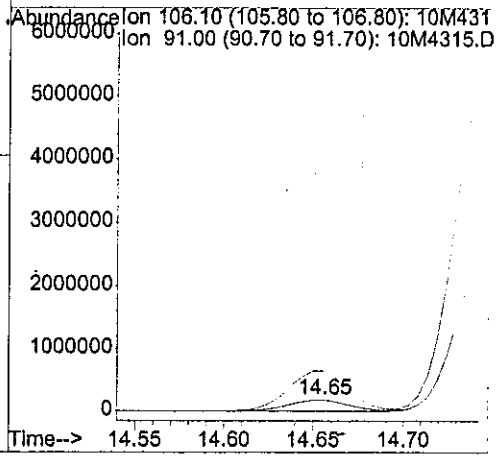


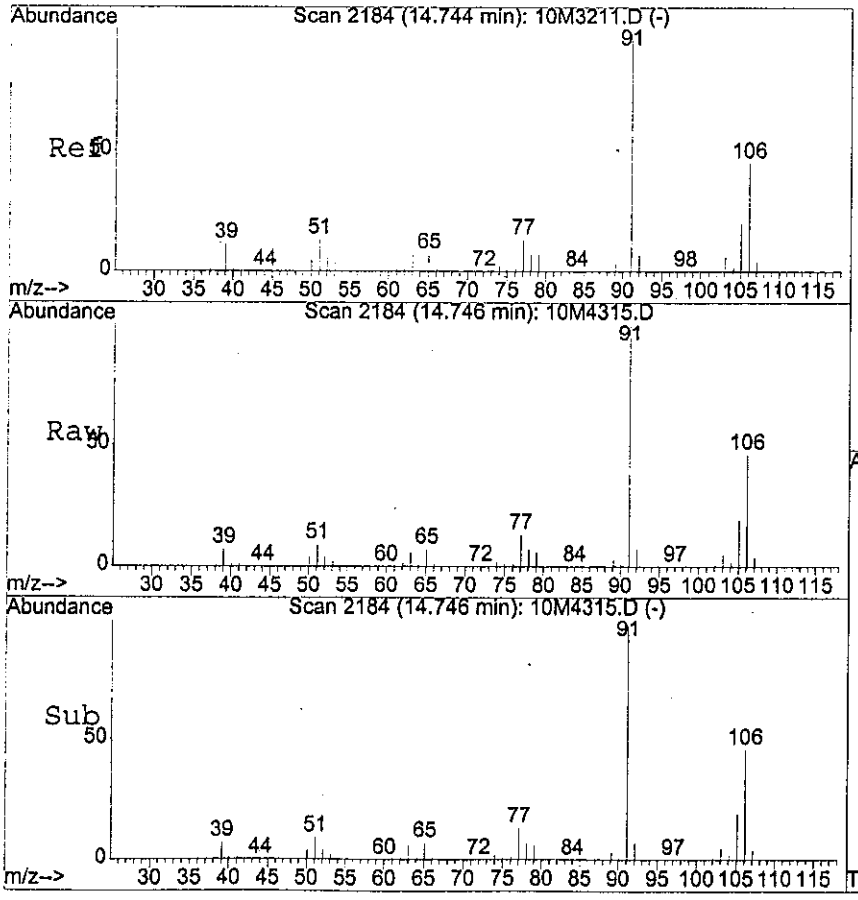


#58
Ethylbenzene
Concen: 211.94 ug/L
RT: 14.65 min Scan# 2167
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:106 Resp: 414755

Ion	Ratio	Lower	Upper
106	100		
91	353.6	251.4	377.2

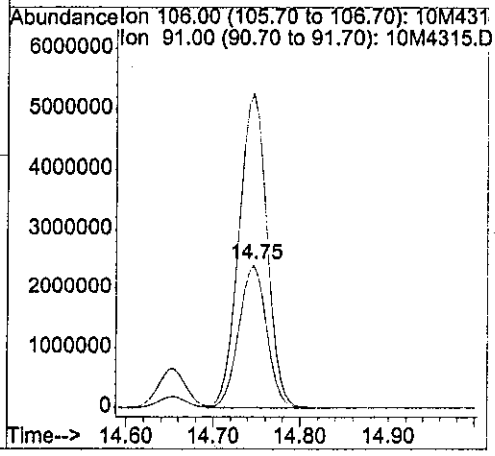


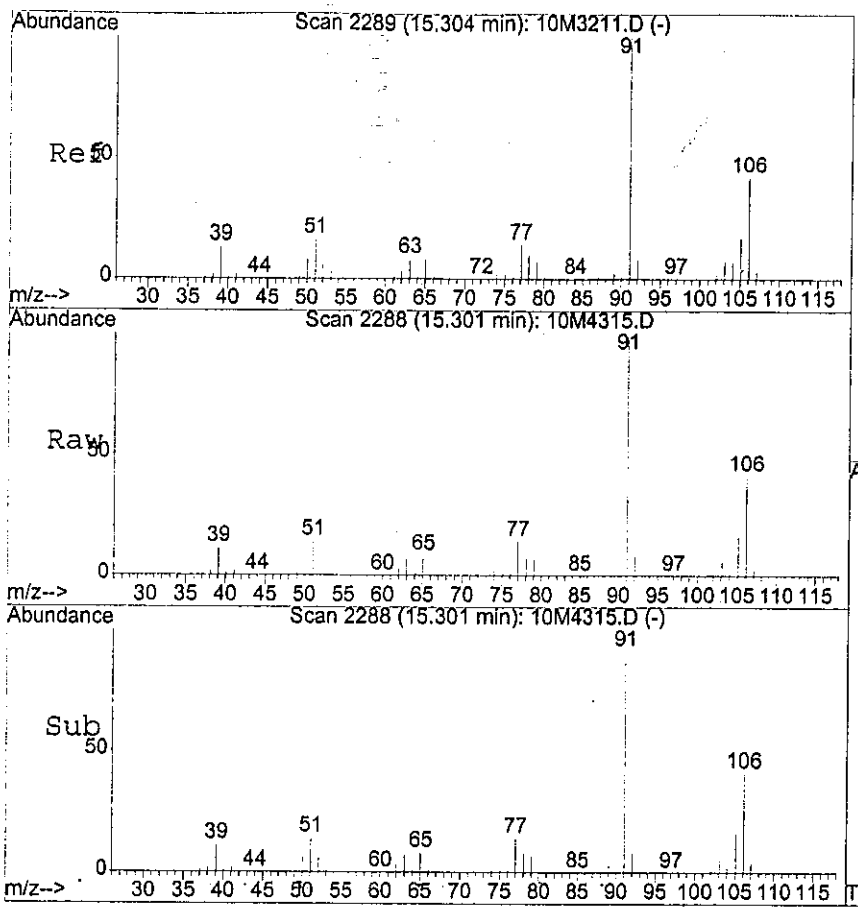


#59
m-,p-Xylene
Concen: 2212.56 ug/L
RT: 14.75 min Scan# 2184
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:106 Resp: 5351634

Ion	Ratio	Lower	Upper
106	100		
91	222.2	153.8	230.6

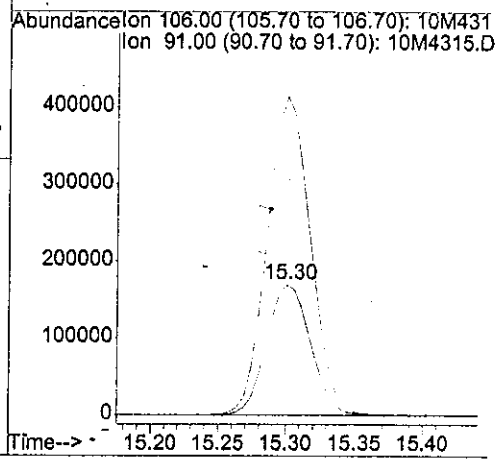


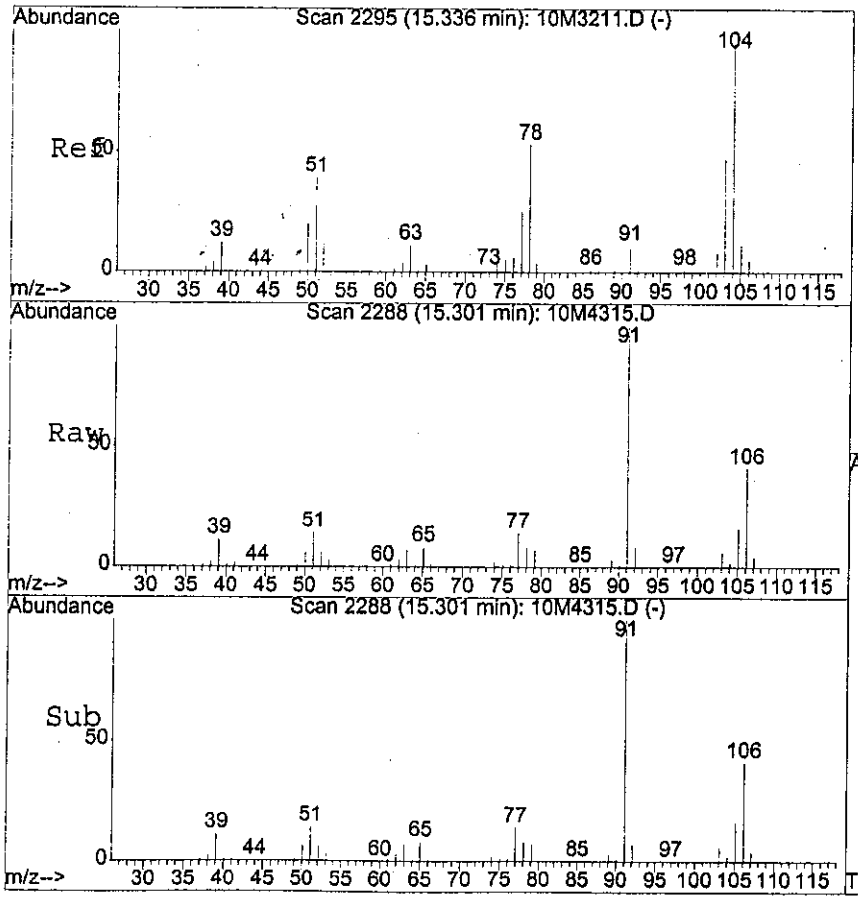


#60
o-Xylene
Concen: 159.66 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:106 Resp: 381294

Ion	Ratio	Lower	Upper
106	100		
91	240.7	163.8	245.8

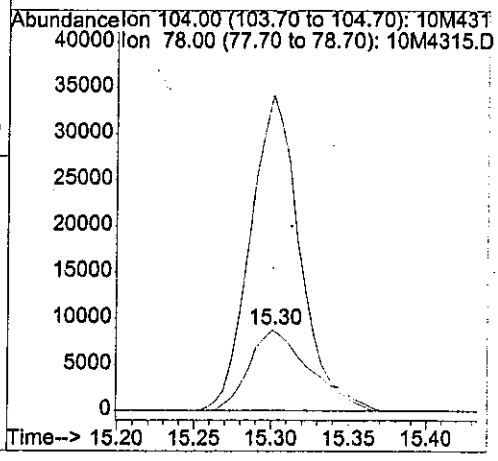


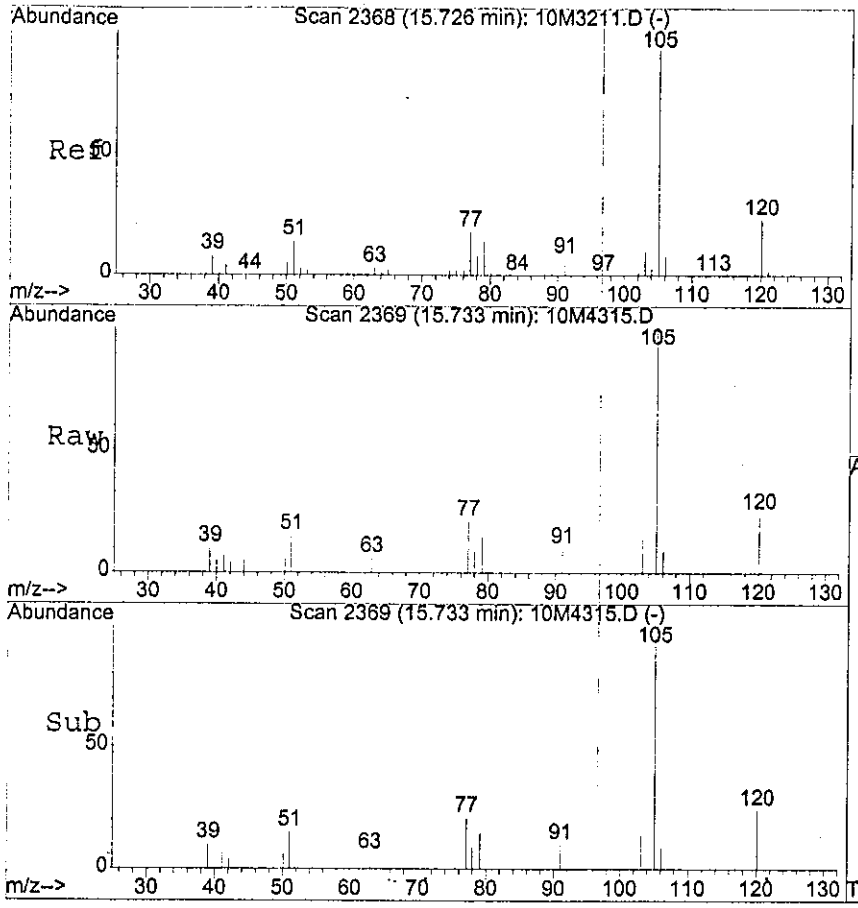


#61
Styrene
Concen: 6.51 ug/L
RT: 15.30 min Scan# 2288
Delta R.T. -0.04 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:104 Resp: 24383

Ion	Ratio	Lower	Upper
104	100		
78	313.0	38.4	57.6#

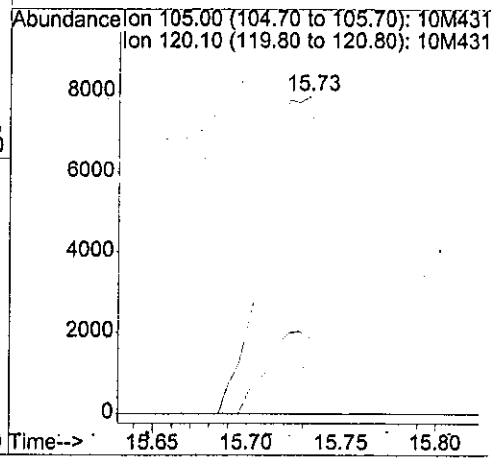


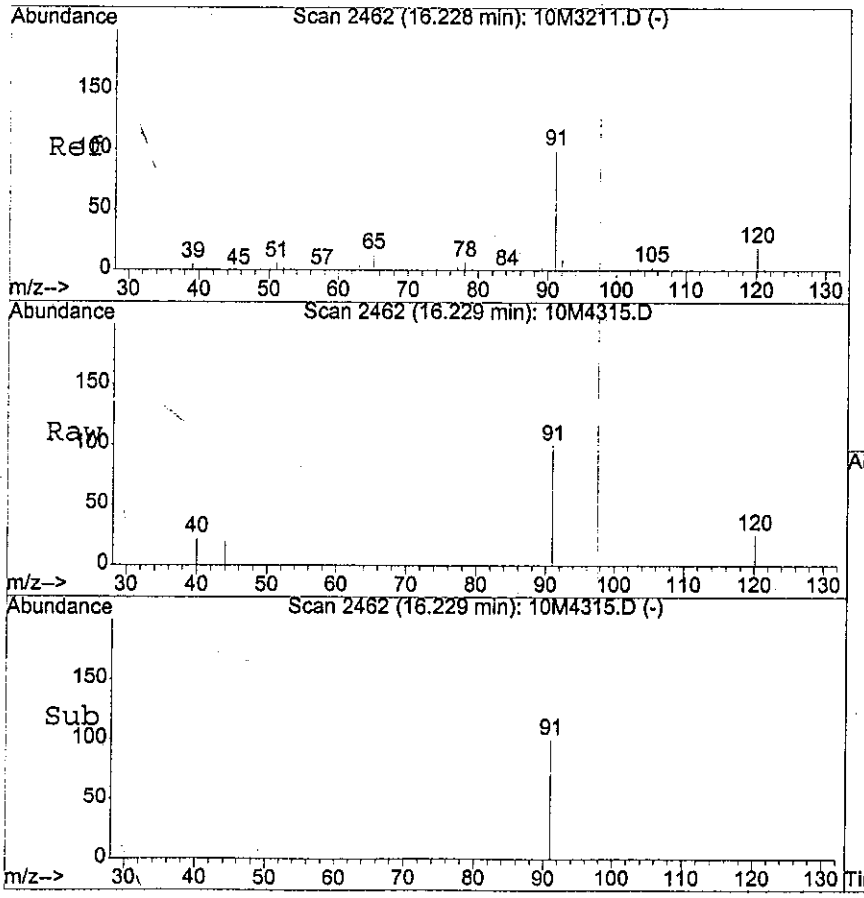


#63
Isopropylbenzene
Concen: 2.84 ug/L
RT: 15.73 min Scan# 2369
Delta R.T. 0.01 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:105 Resp: 18650

Ion	Ratio	Lower	Upper
105	100		
120	23.5	22.2	33.4

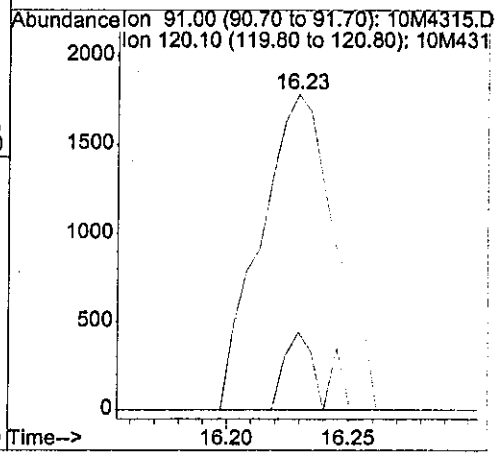


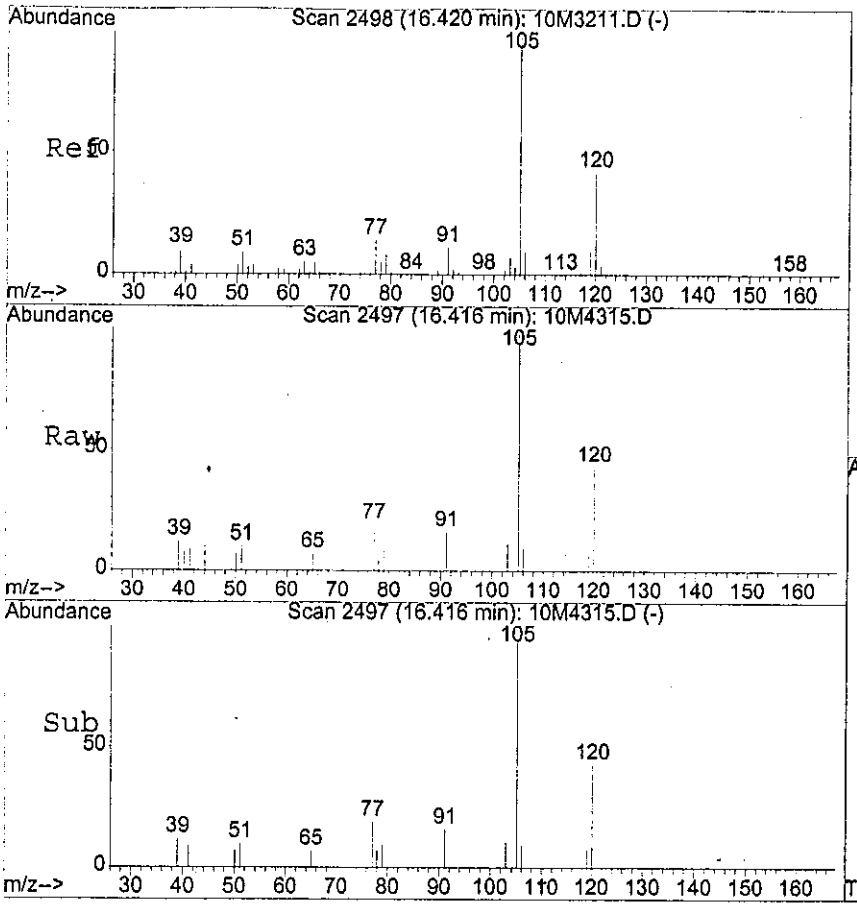


#69
n-Propylbenzene
Concen: 0.53 ug/L
RT: 16.23 min Scan# 2462
Delta R.T. 0.01 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 91 Resp: 3831

Ion	Ratio	Lower	Upper
91	100		
120	0.0	19.0	28.6#

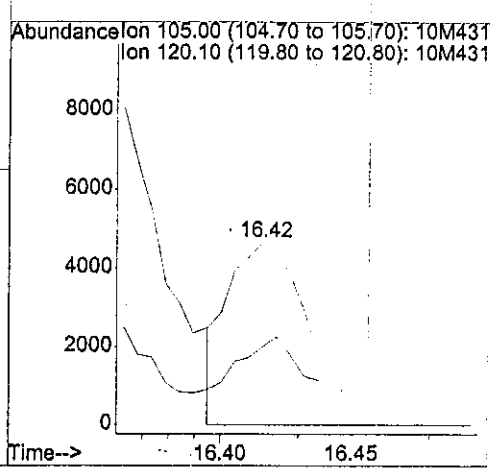


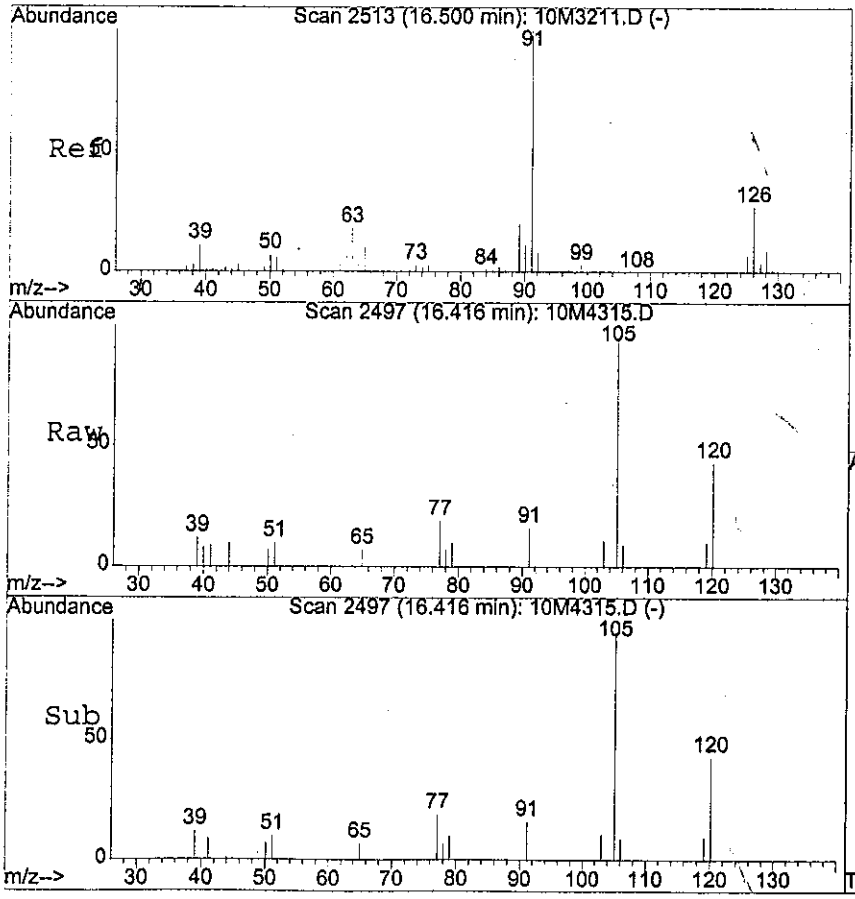


#71
1,3,5-Trimethylbenzene
Concen: 2.05 ug/L
RT: 16.42 min Scan# 2497
Delta R.T. -0.01 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:105 Resp: 9953

Ion	Ratio	Lower	Upper
105	100		
120	46.1	41.4	62.2

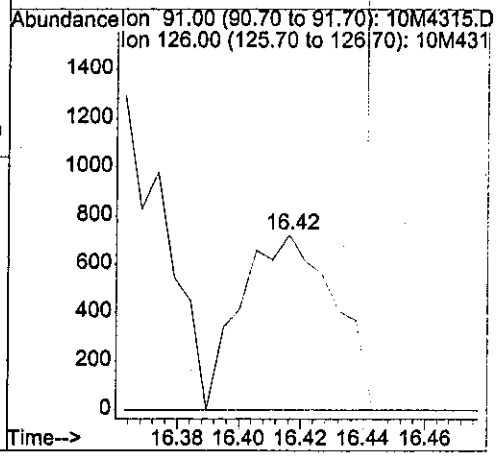


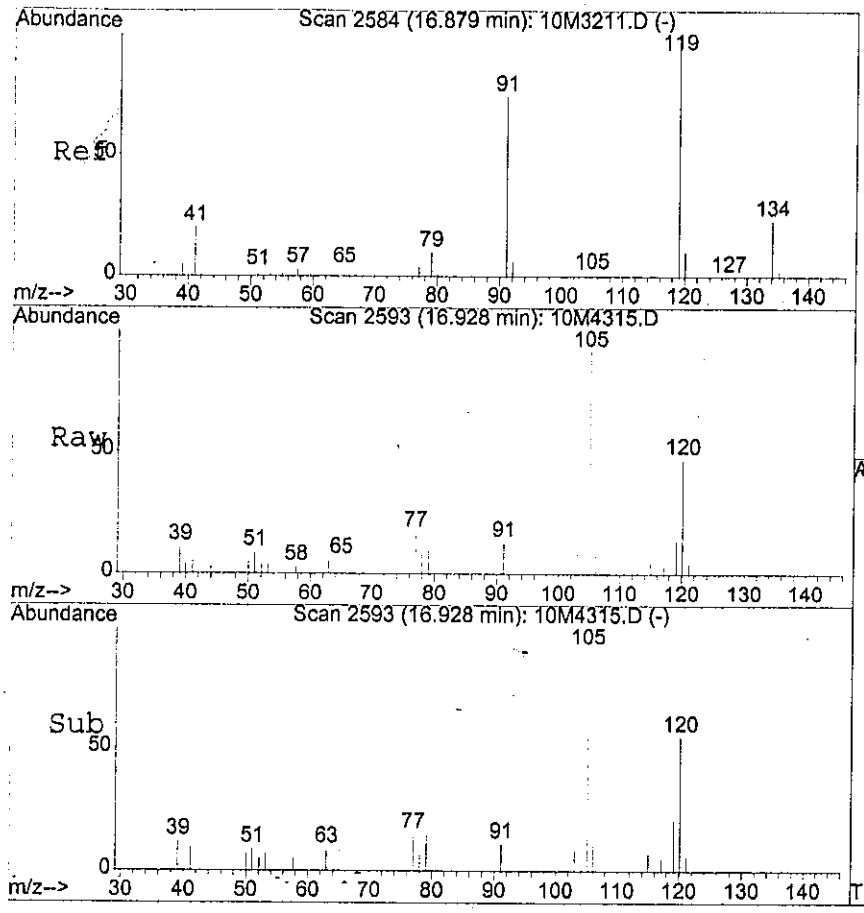


#72
2-Chlorotoluene
Concen: 0.30 ug/L
RT: 16.42 min Scan# 2497
Delta R.T. -0.09 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion: 91 Resp: 1502

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.7	46.1#

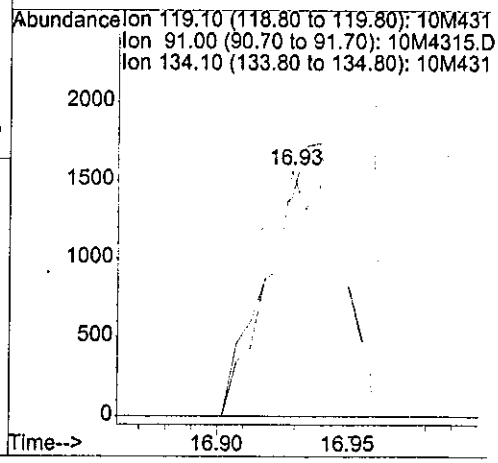


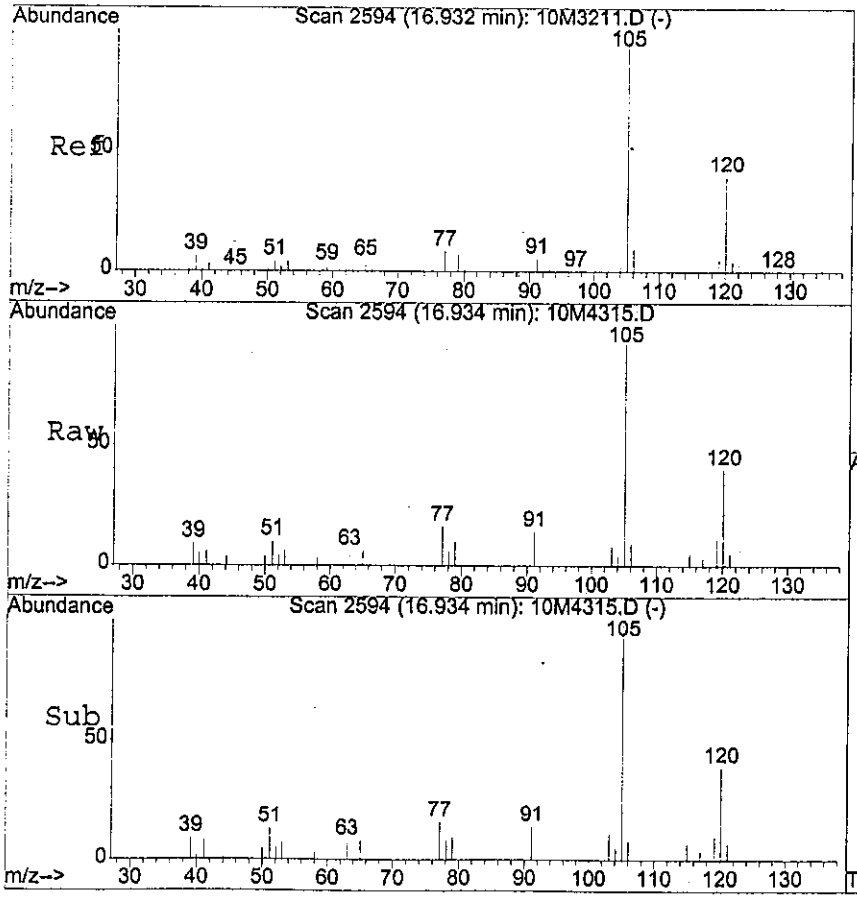


#75
tert-Butylbenzene
Concen: 0.69 ug/L
RT: 16.93 min Scan# 2593
Delta R.T. 0.05 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:119 Resp: 2944

Ion	Ratio	Lower	Upper
119	100		
91	119.1	38.6	57.8#
134	0.0	18.9	28.3#

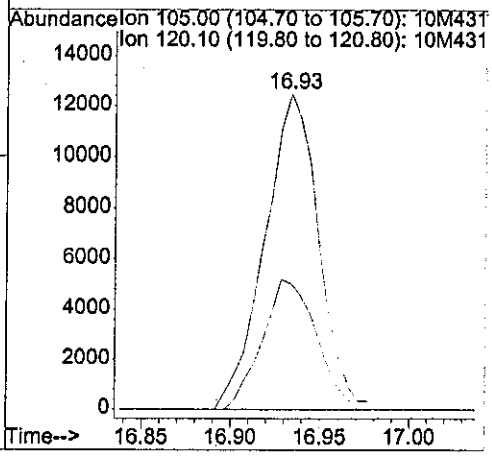


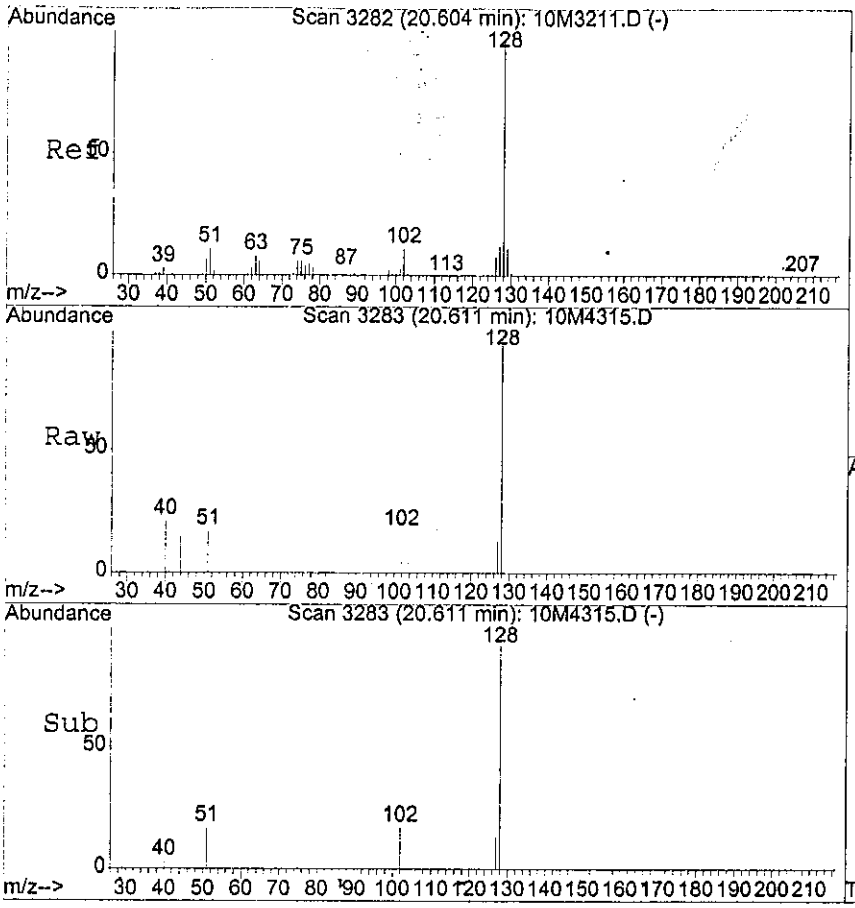


#76
1,2,4-Trimethylbenzene
Concen: 4.84 ug/L
RT: 16.93 min Scan# 2594
Delta R.T. -0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:105 Resp: 26349

Ion	Ratio	Lower	Upper
105	100		
120	41.5	39.0	58.6

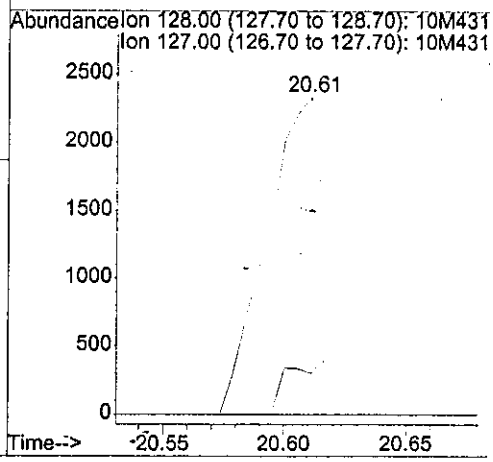




#86
Naphthalene
Concen: 2.05 ug/L
RT: 20.61 min Scan# 3283
Delta R.T. 0.00 min
Lab File: 10M4315.D
Acq: 21 Jun 2000 12:04

Tgt Ion:128 Resp: 4658

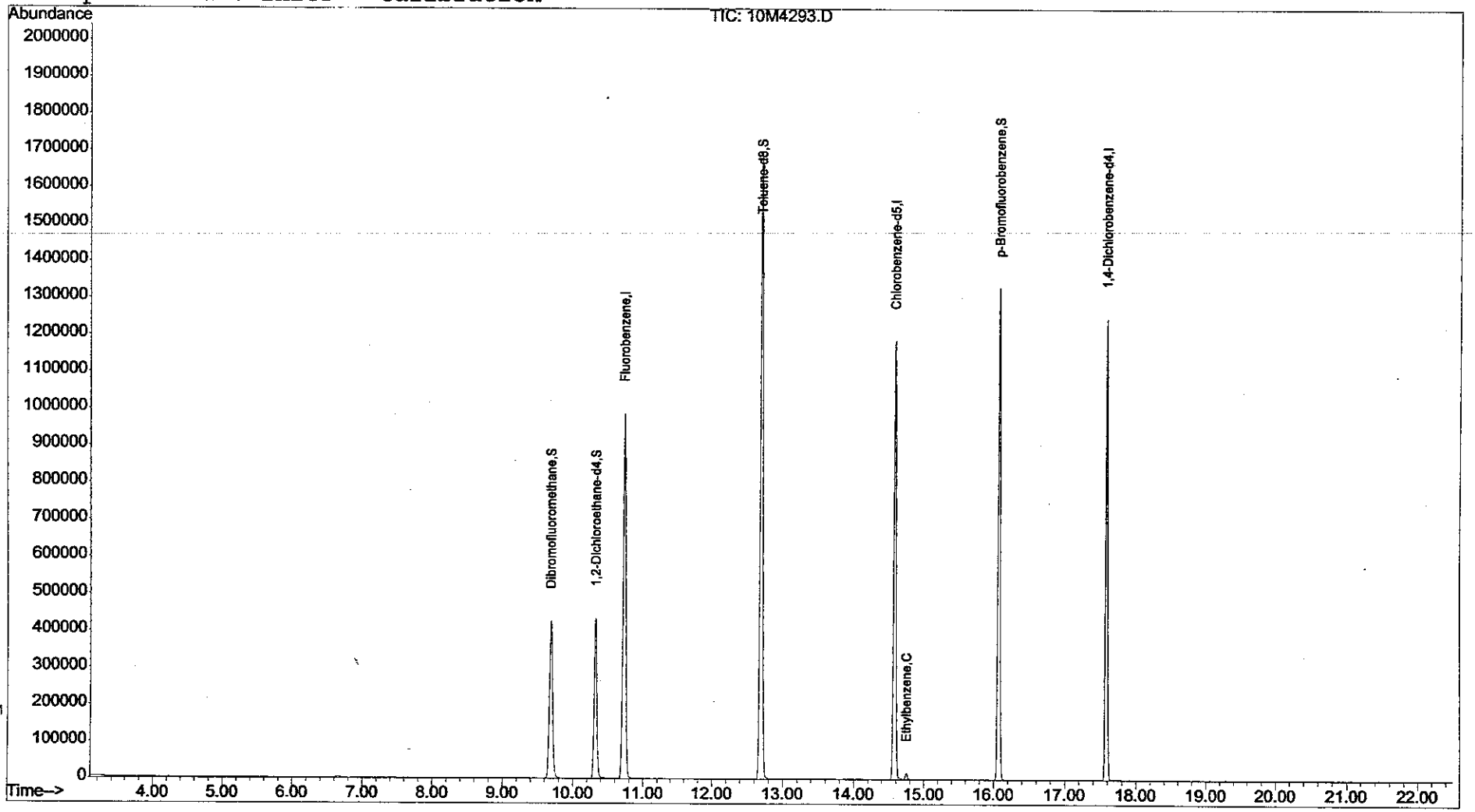
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4293.D Vial: 7
Acq On : 21 Jun 2000 00:51 Operator: MES
Sample : L0006193-17 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 1:13 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



532

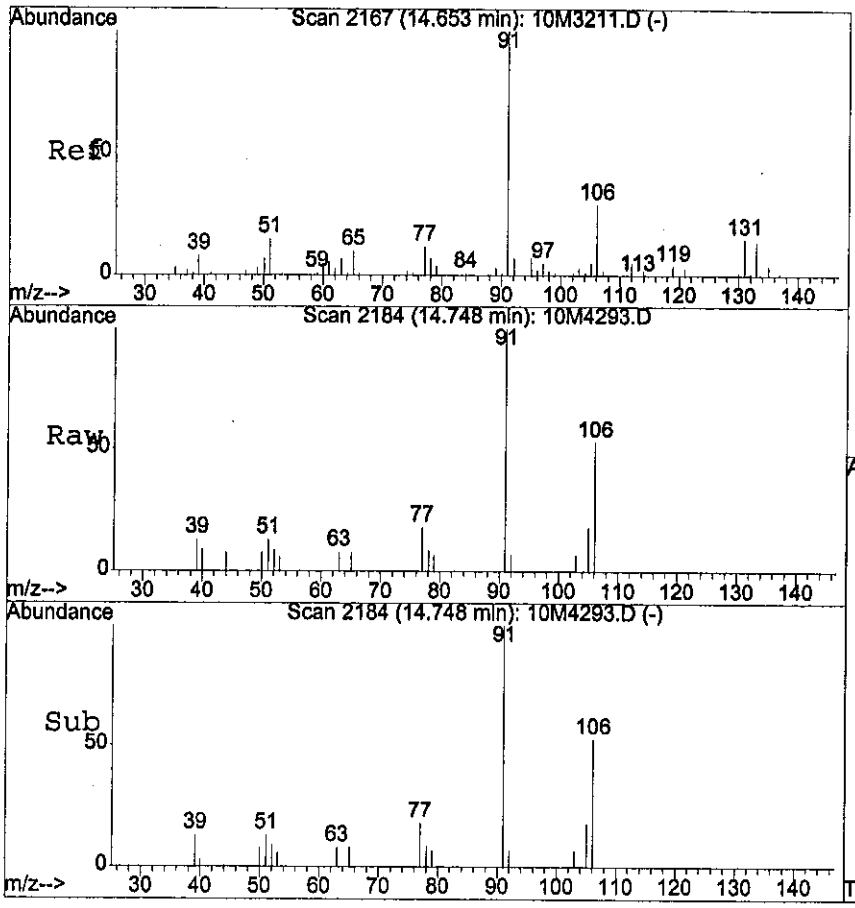
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4293.D Vial: 7
Acq On : 21 Jun 2000 00:51 Operator: MES
Sample : L0006193-17 ITCORP 826-SPE-VO Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 1:13 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	1110876	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	729732	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	361275	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	371898	23.63	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 94.52%			
33) 1,2-Dichloroethane-d4	10.32	65	448249	21.35	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 85.40%			
45) Toluene-d8	12.69	98	1400300	27.08	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 108.32%			
66) p-Bromofluorobenzene	16.07	95	551174	28.25	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 113.00%			
Target Compounds						Qvalue
58) Ethylbenzene	14.75	106	6803	~~0.31 ug/L~~		# 61

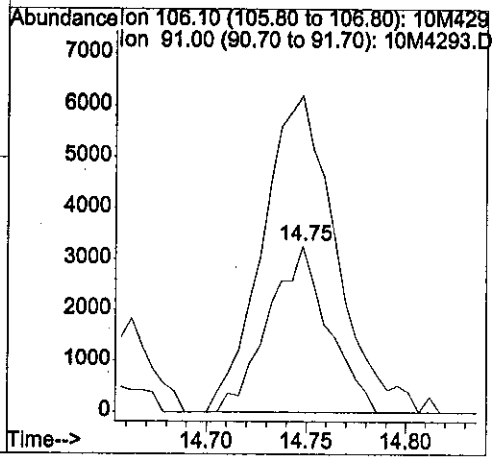
(#) = qualifier out of range (m) = manual integration
10M4293.D 8260WTR.M Wed Jun 21 01:13:48 2000 Page 1



#58
Ethylbenzene
Concen: 0.31 ug/L
RT: 14.75 min Scan# 2184
Delta R.T. 0.09 min
Lab File: 10M4293.D
Acq: 21 Jun 2000 00:51

Tgt Ion:106 Resp: 6803

Ion	Ratio	Lower	Upper
106	100		
91	235.3	251.4	377.2#



2.1.1.3 Standards Data

Calibration Table Report

Method: 8260PRES.M

Title: Method 8260B SOIL (NaHSO4) - ICAL 06/14/00

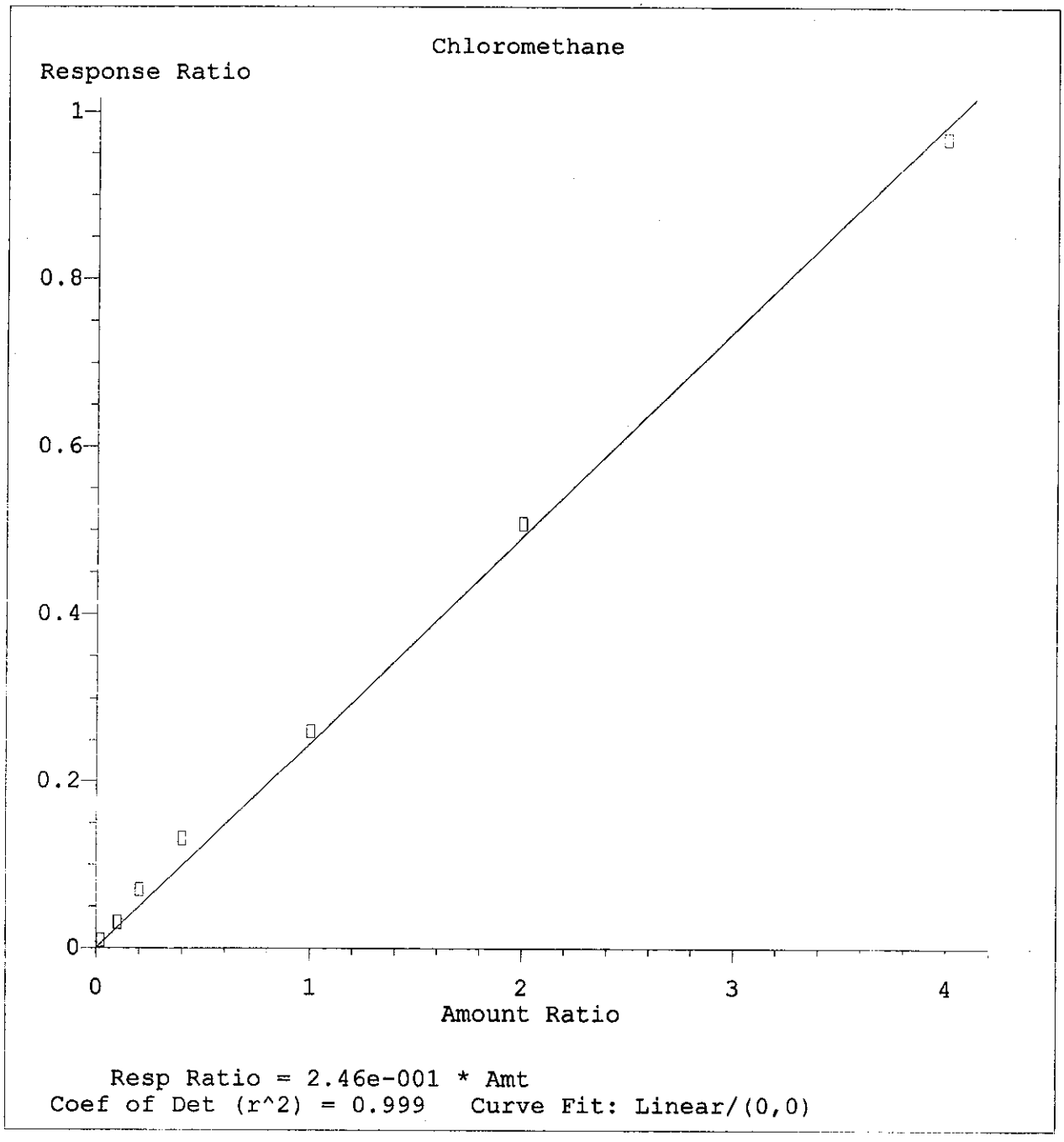
Last Calibration: Wed Jun 14 23:01:44 2000

Calibration Files

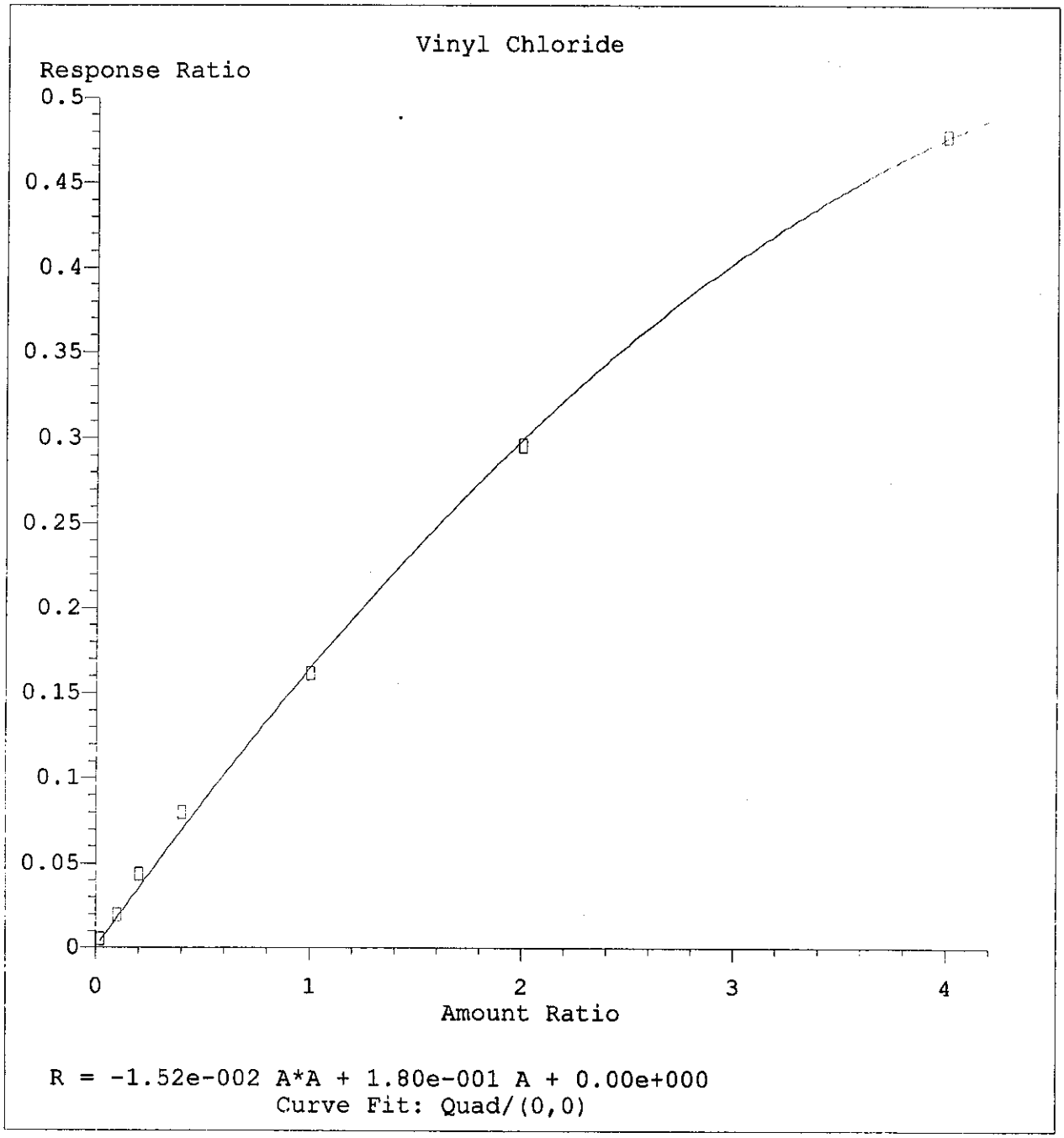
		1	5	10	20	50	200	100			
		6M20571.D	6M20570.D	6M20569.D	6M20568.D	6M20574.D	6M20573.D	6M20572.D			
	Compound								Avg	%RSD	
I	Fluorobenzene	ISTD									
T	Dichlorodifluoromethane	0.292	0.240	0.312	0.299	0.269	0.241	0.258	0.273	10.450	
P	Chloromethane	0.470	0.309	0.350	0.328	0.261	0.242	0.254	0.316	25.007	LR,F
C	Vinyl Chloride	0.263	0.196	0.219	0.200	0.161	0.119	0.148	0.186	25.684	QR,F
T	Bromomethane	0.105	0.086	0.101	0.093	0.104	0.101	0.091	0.097	7.456	
T	Chloroethane	0.199	0.145	0.164	0.152	0.135	0.120	0.126	0.149	17.913	LR,F
T	Trichlorofluoromethane	0.618	0.523	0.675	0.663	0.641	0.537	0.570	0.604	10.096	
T	Isoprene	0.435	0.313	0.399	0.418	0.432	0.384	0.377	0.394	10.686	
T	Acrolein								0.000	0.000	
T	1,1,2-Trichloro-1,2,2-Trifluoro	0.313	0.270	0.361	0.349	0.343	0.304	0.306	0.321	9.872	
T	Acetone		0.254	0.191	0.149	0.120	0.088	0.097	0.150	42.402	LR,F
C	1,1-Dichloroethene	0.265	0.228	0.308	0.302	0.303	0.264	0.265	0.276	10.596	
T	Dimethyl Sulfide	0.274	0.286	0.340	0.346	0.368	0.320	0.329	0.323	10.297	
T	Iodomethane	0.093	0.110	0.135	0.140	0.232	0.229	0.192	0.162	34.802	QR,F
T	Methylene Chloride	0.521	0.287	0.314	0.281	0.273	0.236	0.244	0.308	31.699	LR,F
T	Carbon Disulfide	1.176	0.868	1.017	1.009	1.022	0.840	0.882	0.973	12.163	
T	Acrylonitrile	0.132	0.128	0.152	0.150	0.146	0.127	0.131	0.138	7.905	
T	Methyl Tert Butyl Ether	0.708	0.663	0.762	0.777	0.807	0.729	0.720	0.738	6.497	
T	trans-1,2-Dichloroethene	0.296	0.265	0.334	0.326	0.329	0.290	0.290	0.305	8.439	
T	n-Hexane	0.662	0.510	0.623	0.611	0.593	0.556	0.568	0.589	8.440	
T	Vinyl Acetate	0.557	0.552	0.691	0.714	0.742	0.651	0.658	0.652	11.298	
P	1,1-Dichloroethane	0.654	0.554	0.704	0.676	0.679	0.593	0.600	0.637	8.655	
T	2-Butanone		0.212	0.213	0.199	0.185	0.157	0.166	0.189	12.526	
T	2,2-Dichloropropane	0.463	0.389	0.517	0.507	0.522	0.471	0.466	0.476	9.590	
T	cis-1,2-Dichloroethene	0.346	0.285	0.369	0.354	0.359	0.313	0.318	0.335	9.022	
C	Chloroform	0.581	0.474	0.601	0.581	0.581	0.506	0.517	0.549	8.879	
T	Bromochloromethane	0.167	0.134	0.165	0.159	0.161	0.134	0.140	0.152	9.755	
S	Dibromofluoromethane		0.417	0.411	0.382	0.381	0.330	0.331	0.375	10.068	
T	1,1,1-Trichloroethane	0.499	0.427	0.551	0.537	0.542	0.482	0.488	0.504	8.659	
T	Cyclohexane	0.590	0.568	0.713	0.725	0.748	0.676	0.682	0.672	10.147	
T	1,1-Dichloropropene	0.312	0.277	0.365	0.356	0.360	0.327	0.329	0.332	9.430	
T	Carbon Tetrachloride	0.417	0.361	0.467	0.475	0.490	0.443	0.445	0.445	10.266	
S	1,2-Dichloroethane-d4		0.522	0.500	0.456	0.450	0.382	0.393	0.450	12.453	
T	1,2-Dichloroethane	0.542	0.454	0.547	0.526	0.522	0.455	0.468	0.502	8.221	
T	Benzene	1.137	0.912	1.136	1.075	1.075	0.967	0.991	1.042	8.324	
T	Trichloroethene	0.317	0.258	0.335	0.319	0.321	0.291	0.292	0.305	8.562	
C	1,2-Dichloropropane	0.312	0.262	0.325	0.315	0.316	0.286	0.286	0.300	7.510	
T	Bromodichloromethane	0.359	0.303	0.381	0.378	0.389	0.345	0.351	0.358	8.158	
T	Dibromomethane	0.191	0.156	0.192	0.185	0.185	0.161	0.166	0.176	8.573	
T	2-Chloroethyl Vinyl Ether								0.000	0.000	
T	4-Methyl-2-Pentanone		0.101	0.122	0.124	0.115	0.113	0.113	0.115	7.099	
T	cis-1,3-Dichloropropene	0.335	0.303	0.396	0.393	0.402	0.366	0.369	0.3663	9.8793	
T	Dimethyl Disulfide		0.129	0.182	0.216	0.247	0.237	0.234	0.2076	21.65	LR,F
I	Chlorobenzene-d5	ISTD									
S	Toluene-d8		1.675	1.656	1.514	1.463	1.305	1.318	1.4884	10.707	
C	Toluene	1.587	1.291	1.632	1.545	1.539	1.37	1.417	1.483	8.4376	
T	Ethyl Methacrylate	0.305	0.327	0.406	0.423	0.435	0.411	0.415	0.3891	13.12	
T	trans-1,3-Dichloropropene	0.5	0.446	0.558	0.557	0.572	0.511	0.515	0.5228	8.3396	
T	1,1,2-Trichloroethane	0.322	0.272	0.323	0.306	0.301	0.264	0.268	0.2937	8.7267	
T	2-Hexanone		0.436	0.422	0.386	0.335	0.34	0.322	0.3734	12.955	
T	1,3-Dichloropropane	0.55	0.474	0.564	0.54	0.536	0.47	0.48	0.5163	7.7469	
T	Tetrachloroethene	0.283	0.256	0.314	0.304	0.295	0.269	0.273	0.2847	7.2311	
T	Dibromochloromethane	0.321	0.295	0.378	0.376	0.39	0.356	0.356	0.3532	9.6629	

T	1,2-Dibromoethane	0.317	0.277	0.339	0.329	0.324	0.288	0.292	0.3095	7.53
T	1-Chlorohexane	0.369	0.417	0.537	0.553	0.563	0.51	0.523	0.496	14.891
P	Chlorobenzene	1.151	0.936	1.138	1.074	1.054	0.926	0.96	1.0341	9.1059
T	1,1,1,2-Tetrachloroethane	0.339	0.311	0.392	0.379	0.377	0.323	0.341	0.3518	8.8643
C	Ethylbenzene	0.585	0.491	0.635	0.597	0.594	0.523	0.552	0.5681	8.6828
T	m-,p-Xylene	0.731	0.641	0.802	0.762	0.736	0.652	0.693	0.7167	8.119
T	o-Xylene	0.693	0.6	0.761	0.725	0.699	0.651	0.668	0.6853	7.6298
T	Styrene	1.109	0.999	1.268	1.232	1.206	1.122	1.157	1.1562	7.7943
P	Bromoform	0.164	0.169	0.219	0.221	0.228	0.224	0.218	0.206	13.307
T	Isopropylbenzene	1.626	1.516	2.02	1.936	1.878	1.71	1.793	1.7827	9.9697
I	1,4-Dichlorobenzene-d4	ISTD								
P	1,1,2,2-Tetrachloroethane	0.65	0.608	0.7	0.661	0.661	0.625	0.595	0.643	5.626
S	p-Bromofluorobenzene		1.306	1.245	1.121	1.134	0.94	0.974	1.12	12.892
T	1,2,3-Trichloropropane	0.214	0.211	0.246	0.229	0.225	0.202	0.201	0.2183	7.4374
T	trans-1,4-Dichloro-2-Butene	0.234	0.23	0.263	0.278	0.29	0.284	0.269	0.264	8.9755
T	n-Propylbenzene	3.576	3.316	4.197	4.059	4.03	3.333	3.608	3.7312	9.6861
T	Bromobenzene	0.834	0.704	0.851	0.807	0.83	0.697	0.729	0.7789	8.5414
T	1,3,5-Trimethylbenzene	2.475	2.338	3	2.9	2.869	2.459	2.623	2.6663	9.6397
T	2-Chlorotoluene	2.507	2.088	2.608	2.474	2.515	2.126	2.214	2.3618	8.9942
T	4-Chlorotoluene	2.571	2.155	2.627	2.513	2.509	2.082	2.272	2.3898	9.0718
T	a-Methylstyrene	1.135	1.09	1.363	1.428	1.559	1.373	1.368	1.331	12.352
T	tert-Butylbenzene	2.4	2.118	2.701	2.609	2.58	2.209	2.325	2.4204	9.0033
T	1,2,4-Trimethylbenzene	2.826	2.462	3.113	2.967	2.9	2.498	2.655	2.7745	8.813
T	sec-Butylbenzene	3.231	2.973	3.904	3.778	3.73	3.126	3.342	3.4407	10.504
T	p-Isopropyltoluene	2.691	2.555	3.386	3.249	3.169	2.743	2.905	2.9569	10.656
T	1,3-Dichlorobenzene	1.802	1.421	1.722	1.628	1.62	1.401	1.456	1.5785	9.8777
T	1,4-Dichlorobenzene	1.948	1.492	1.78	1.674	1.656	1.433	1.475	1.6368	11.374
T	n-Butylbenzene	2.765	2.449	3.205	3.081	2.923	2.555	2.707	2.8122	9.7461
T	1,2-Dichlorobenzene	1.699	1.342	1.606	1.521	1.501	1.338	1.367	1.482	9.4475
T	1,2-Dibromo-3-Chloropropane	0.134	0.138	0.182	0.177	0.179	0.18	0.173	0.1663	12.408
T	1,2,4-Trichlorobenzene	1.139	0.904	1.118	1.033	0.959	0.89	0.905	0.9926	10.553
T	Hexachlorobutadiene	0.488	0.411	0.511	0.494	0.446	0.417	0.421	0.4555	9.0617
T	Naphthalene	2.88	2.265	2.798	2.629	2.265	2.189	2.253	2.4685	11.83
T	1,2,3-Trichlorobenzene	1.112	0.888	1.056	1.002	0.901	0.834	0.864	0.9508	11.119

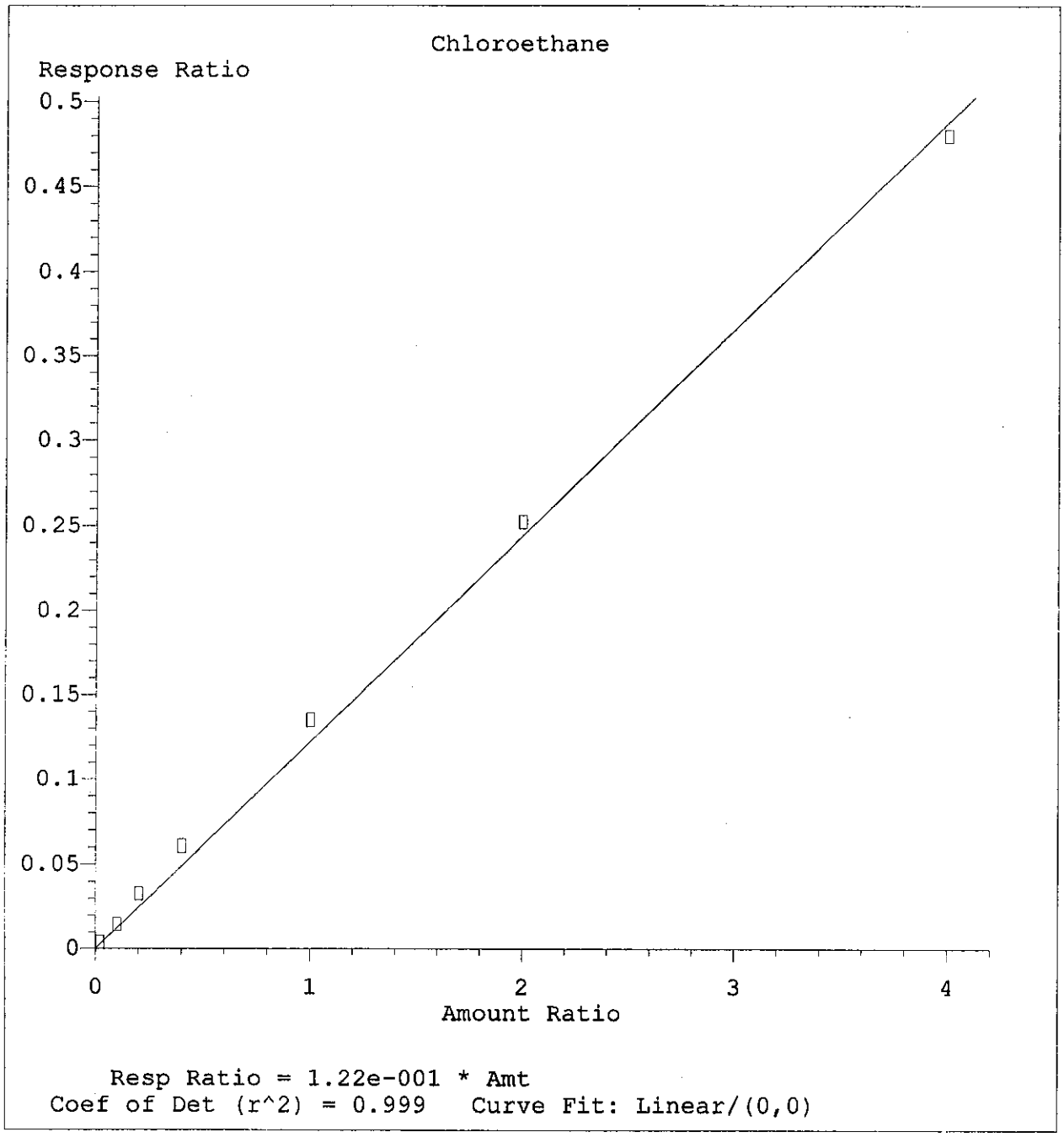
Wed Jun 14 23:05:37 2000



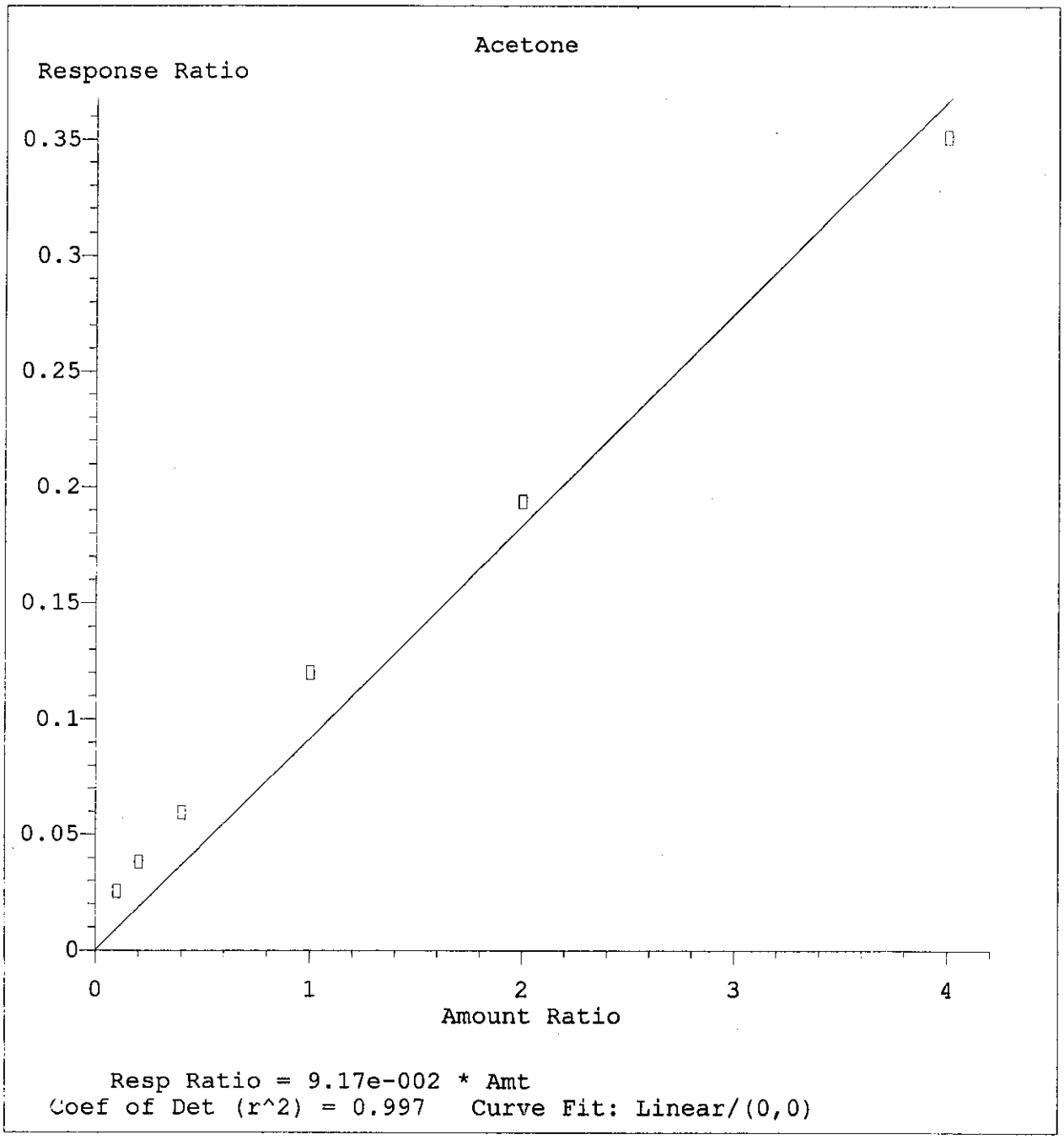
Method Name: C:\HPCHEM\1\METHODS\8260PRES.M
Calibration Table Last Updated: Wed Jun 14 23:04:36 2000



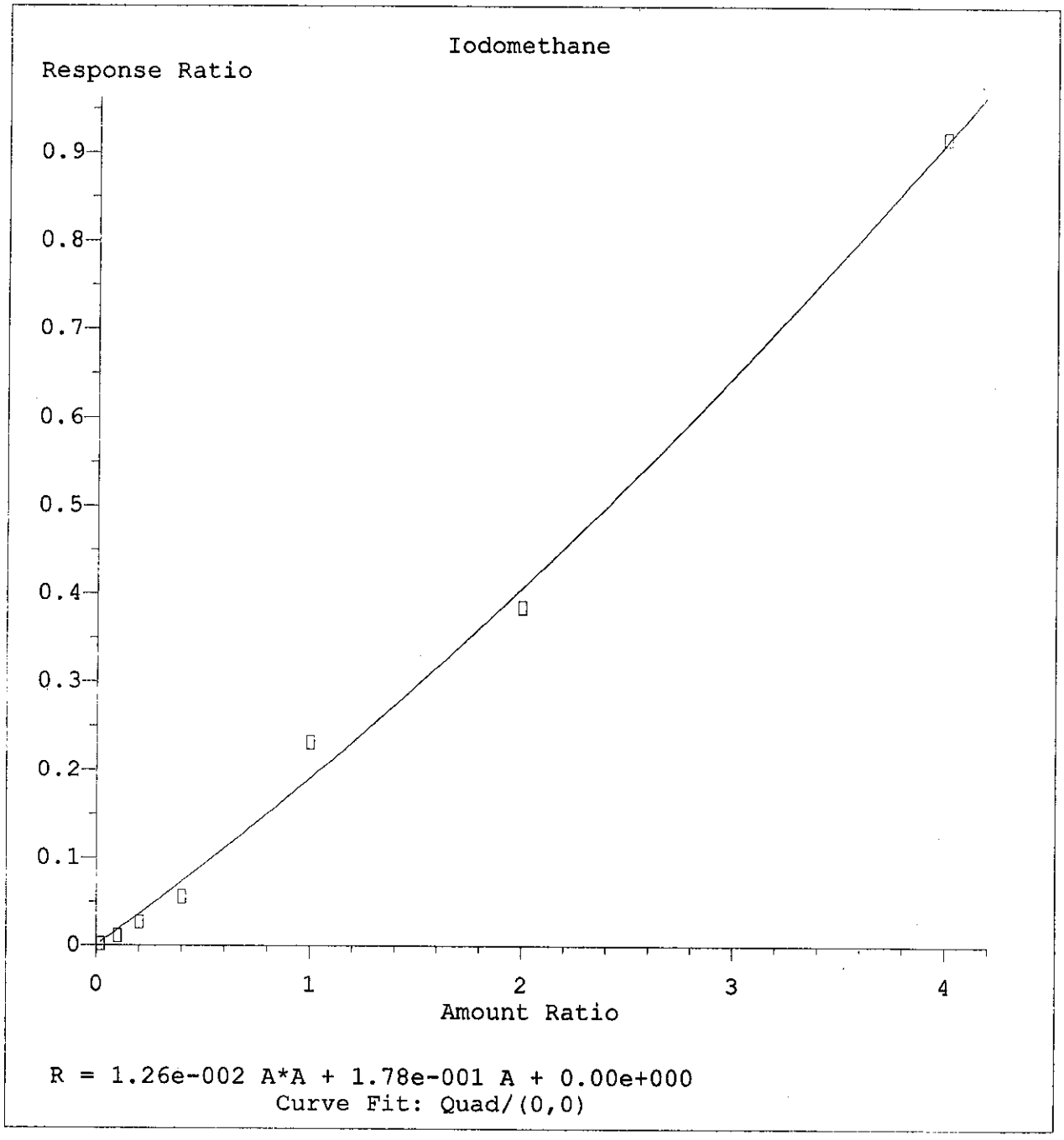
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Calibration Table Last Updated: Wed Jun 14 23:04:36 2000



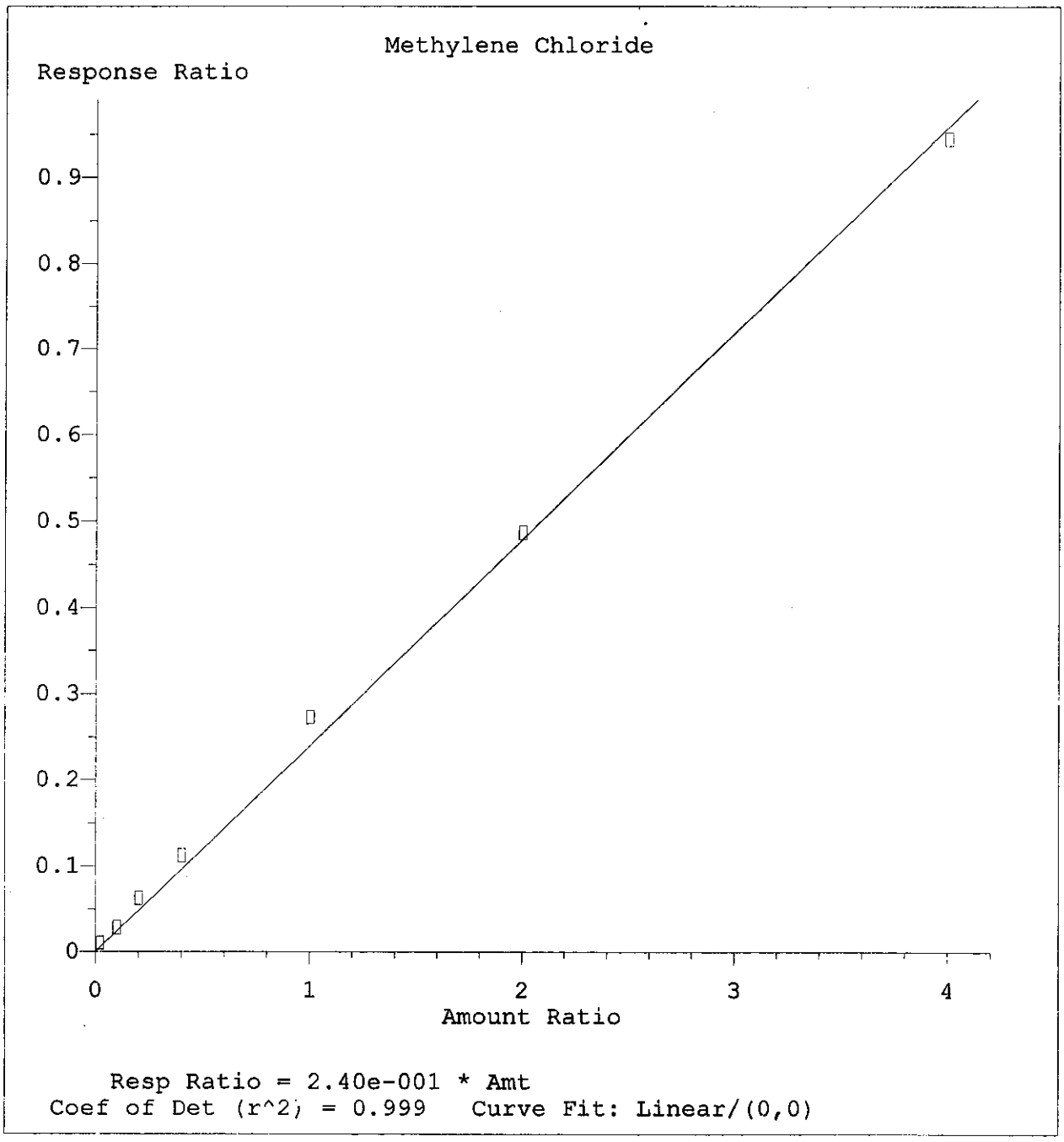
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Calibration Table Last Updated: Wed Jun 14 23:06:38 2000



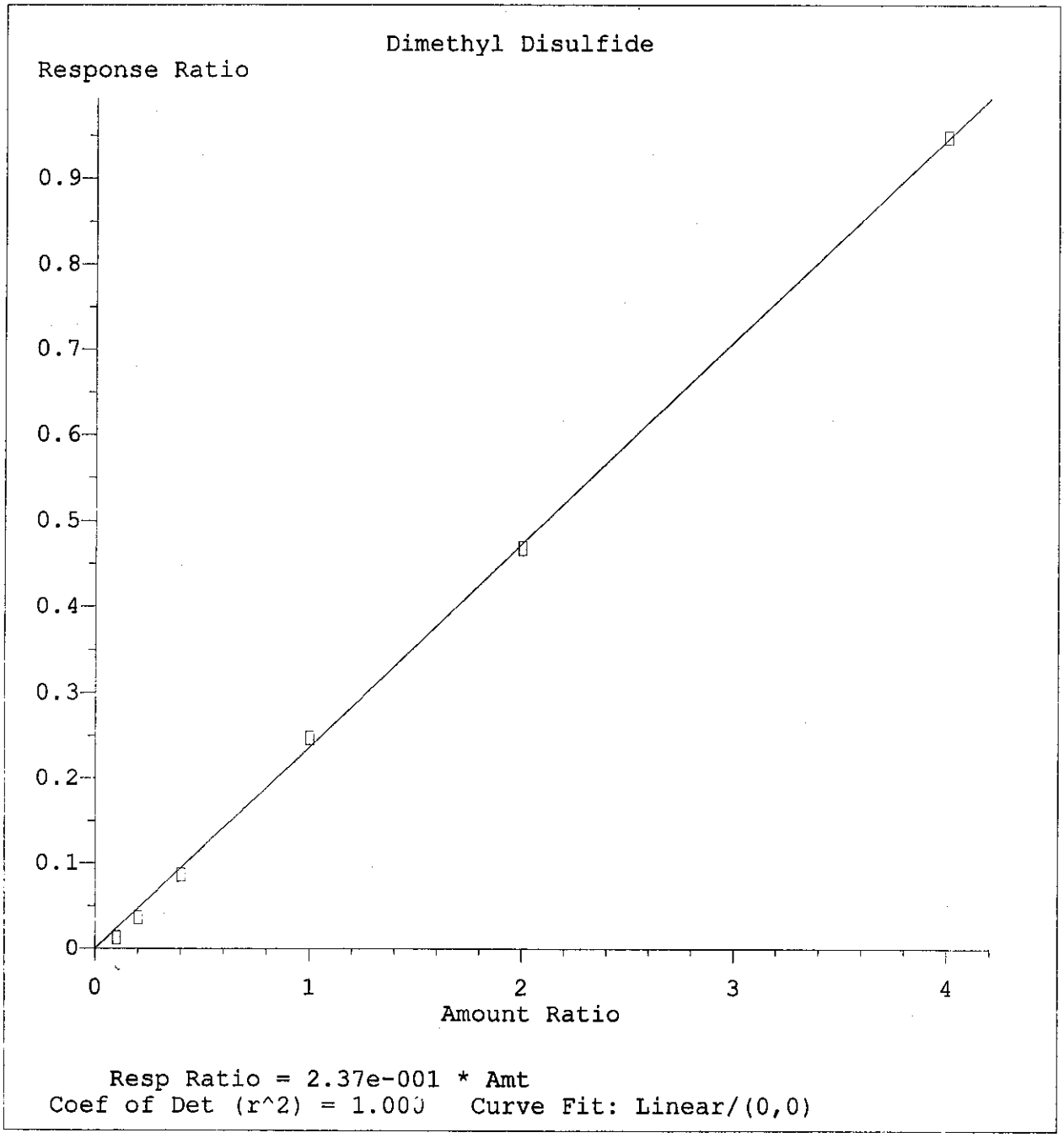
Method Name: C:\HPCHEM\1\METHODS\8260PRES.M
Calibration Table Last Updated: Wed Jun 14 23:06:53 2000



Method Name: C:\HPCHEM\1\METHODS\8260PRES.M
Calibration Table Last Updated: Wed Jun 14 23:07:12 2000



Method Name: C:\HPCHEM\1\METHODS\8260PRES.M
Calibration Table Last Updated: Wed Jun 14 23:07:54 2000

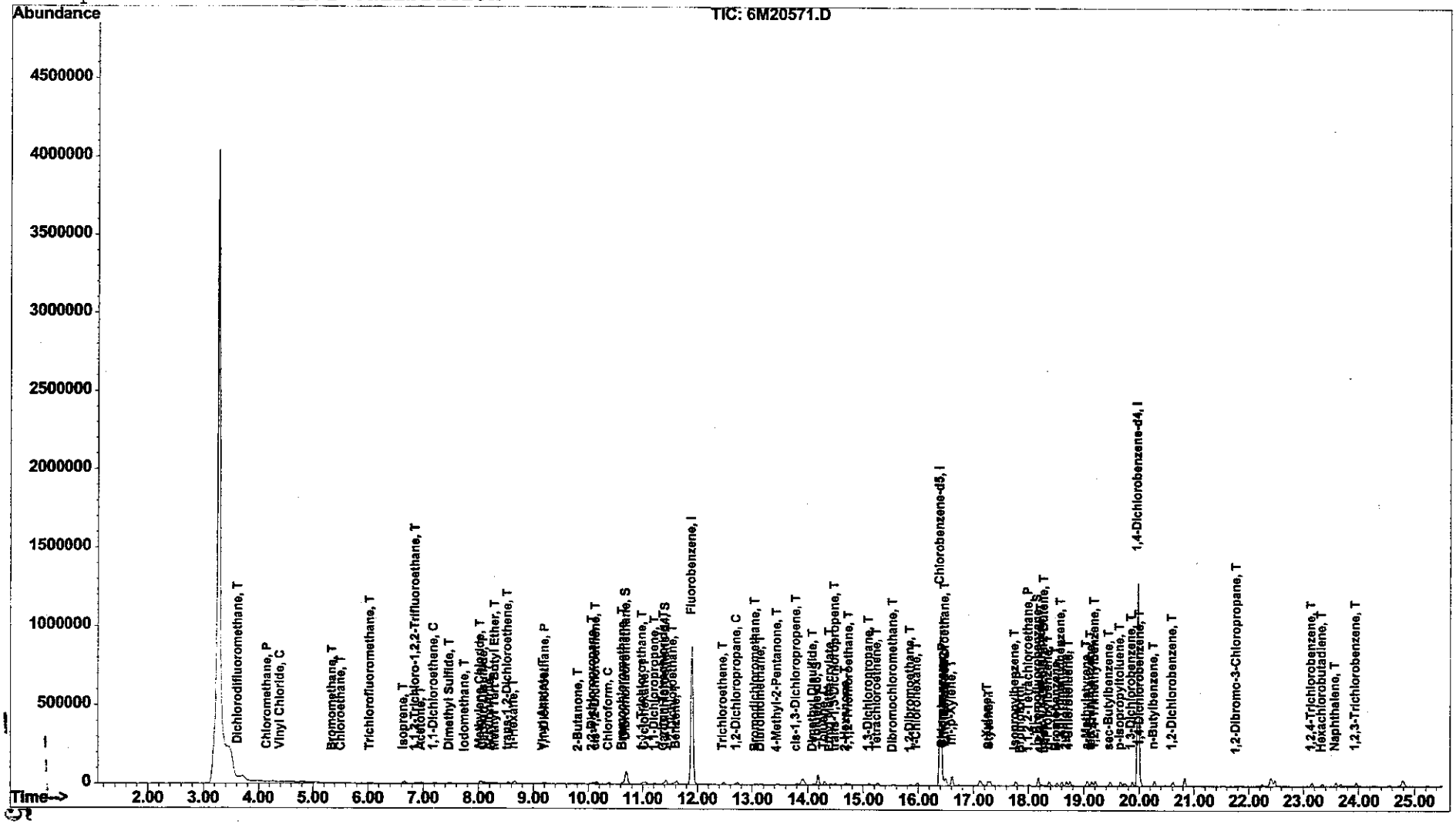


Method Name: C:\HPCHEM\1\METHODS\8260PRES.M
Calibration Table Last Updated: Wed Jun 14 23:08:05 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:26 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:26 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1159526	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	852946	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	478793	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	21472	2.47	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	4.94%#		
33) 1,2-Dichloroethane-d4	11.43	65	25905	2.48	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	4.96%#		
45) Toluene-d8	14.19	98	62046	2.44	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	4.88%#		
66) p-Bromofluorobenzene	18.18	95	27884	2.60	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	5.20%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	6775	1.07	ug/Kg#	88
3) Chloromethane	4.16	50	10905	1.91	ug/kg#	88
4) Vinyl Chloride	4.41	62	6096	1.47	ug/kg#	76
5) Bromomethane	5.35	94	1391	0.62	ug/kg#	59
6) Chloroethane	5.52	64	2426	0.86	ug/kg#	78
7) Trichlorofluoromethane	6.05	101	14325	1.02	ug/kg#	95
8) Isoprene	6.65	67	10080	1.10	ug/kg#	67
10) 1,1,2-Trichloro-1,2,2-Trif	6.87	101	3258	0.44	ug/Kg#	15
11) Acetone	6.97	43	18569	8.73	ug/kg#	63
12) 1,1-Dichloroethene	7.20	96	6143	0.96	ug/kg	80
13) Dimethyl Sulfide	7.49	62	6348	0.85	ug/kg#	1
14) Iodomethane	7.76	142	2166	0.52	ug/kg#	43
15) Methylene Chloride	8.04	84	12086	2.17	ug/kg#	65
16) Carbon Disulfide	8.10	76	27281	1.21	ug/kg	99
17) Acrylonitrile	8.22	53	3057	0.95	ug/kg	87
18) Methyl Tert Butyl Ether	8.31	73	16430	0.96	ug/kg	96
19) trans-1,2-Dichloroethene	8.54	96	6871	0.97	ug/kg	77
20) n-Hexane	8.65	57	15360	1.12	ug/kg	99
21) Vinyl Acetate	9.19	43	12910	0.85	ug/kg#	82
22) 1,1-Dichloroethane	9.22	63	15177	1.03	ug/kg	95
23) 2-Butanone	9.83	43	7992	1.83	ug/kg#	85
24) 2,2-Dichloropropane	10.09	77	10731	0.97	ug/kg#	70
25) cis-1,2-Dichloroethene	10.15	96	8030	1.03	ug/kg	88
26) Chloroform	10.39	83	13485	1.06	ug/kg	96
27) Bromochloromethane	10.64	128	3866	1.10	ug/kg	94
29) 1,1,1-Trichloroethane	10.99	97	11575	0.99	ug/kg	97
30) Cyclohexane	11.05	56	13675	0.88	ug/kg#	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:26 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31)	1,1-Dichloropropene	11.23	75	7238	0.94 ug/kg	98
32)	Carbon Tetrachloride	11.39	117	9673	0.94 ug/kg#	95
34)	1,2-Dichloroethane	11.56	62	12569	1.08 ug/kg#	97
35)	Benzene	11.62	78	26370	1.09 ug/kg#	87
36)	Trichloroethene	12.48	130	7362	1.04 ug/kg	100
37)	1,2-Dichloropropane	12.72	63	7227	1.04 ug/kg	89
38)	Bromodichloromethane	13.07	83	8325	1.00 ug/kg	99
39)	Dibromomethane	13.16	93	4418	1.08 ug/kg	99
41)	4-Methyl-2-Pentanone	13.45	58	2280	0.86 ug/kg#	51
42)	cis-1,3-Dichloropropene	13.80	75	7778	0.92 ug/kg#	78
43)	Dimethyl Disulfide	14.11	79	2611	0.48 ug/kg#	50
46)	Toluene	14.31	91	27065	1.07 ug/kg	97
47)	Ethyl Methacrylate	14.42	69	5204	0.78 ug/kg	92
48)	trans-1,3-Dichloropropene	14.50	75	8527	0.96 ug/kg	98
49)	1,1,2-Trichloroethane	14.75	97	5498	1.10 ug/kg	92
50)	2-Hexanone	14.69	43	14147	2.22 ug/kg#	1
51)	1,3-Dichloropropane	15.10	76	9381	1.07 ug/kg#	78
52)	Tetrachloroethene	15.27	164	4825	0.99 ug/kg	93
53)	Dibromochloromethane	15.56	129	5468	0.91 ug/kg	98
54)	1,2-Dibromoethane	15.86	107	5400	1.02 ug/kg	99
55)	1-Chlorohexane	15.98	91	6292	0.74 ug/kg#	45
56)	Chlorobenzene	16.46	112	19630	1.11 ug/kg	91
57)	1,1,1,2-Tetrachloroethane	16.49	131	5781	0.96 ug/kg#	47
58)	Ethylbenzene	16.50	106	9982	1.03 ug/kg	95
59)	m-,p-Xylene	16.61	106	24925	2.04 ug/kg	96
60)	o-Xylene	17.26	106	11822	1.01 ug/kg	100
61)	Styrene	17.31	104	18920	0.96 ug/kg	96
62)	Bromoform	17.86	173	2791	0.79 ug/kg#	87
63)	Isopropylbenzene	17.77	105	27740	0.91 ug/kg	98
65)	1,1,2,2-Tetrachloroethane	18.02	83	6229	1.01 ug/kg	95
67)	1,2,3-Trichloropropane	18.23	110	2049	0.98 ug/kg#	85
68)	trans-1,4-Dichloro-2-Buten	18.30	53	2236	0.88 ug/kg#	56
69)	n-Propylbenzene	18.38	91	34240	0.96 ug/kg	97
70)	Bromobenzene	18.51	156	7991	1.07 ug/kg	95
71)	1,3,5-Trimethylbenzene	18.60	105	23705	0.93 ug/kg	97
72)	2-Chlorotoluene	18.69	91	24002	1.06 ug/kg	95
73)	4-Chlorotoluene	18.75	91	24623	1.08 ug/kg	95
74)	a-Methylstyrene	19.07	118	10865	0.85 ug/kg	98
75)	tert-Butylbenzene	19.14	119	22985	0.99 ug/kg	99
76)	1,2,4-Trimethylbenzene	19.21	105	27062	1.02 ug/kg	97
77)	sec-Butylbenzene	19.47	105	30940	0.94 ug/kg	98
78)	p-Isopropyltoluene	19.66	119	25772	0.91 ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:26 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

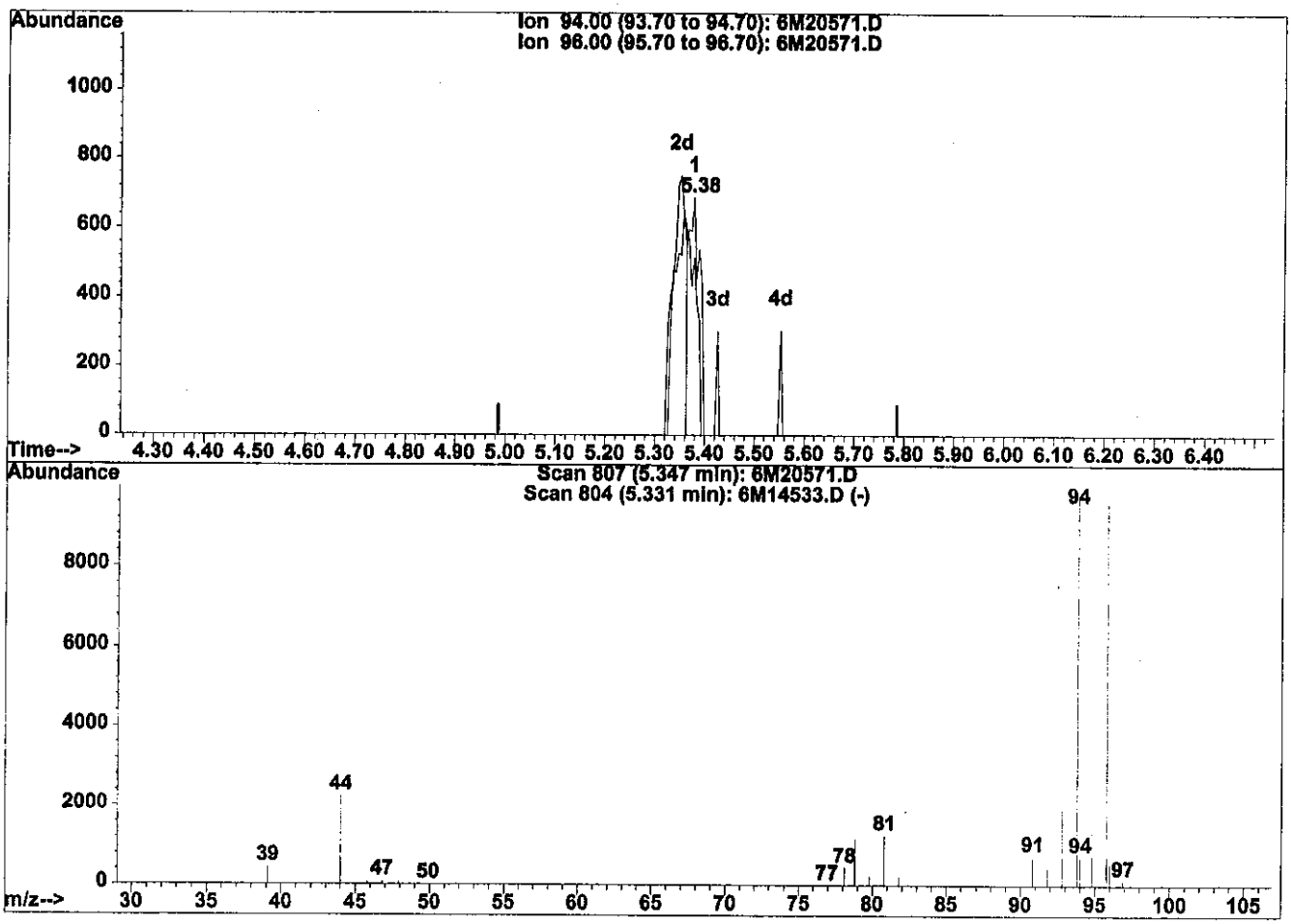
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79)	1,3-Dichlorobenzene	19.87	146	17254	1.14 ug/kg	99
80)	1,4-Dichlorobenzene	20.03	146	18654	1.19 ug/kg	98
81)	n-Butylbenzene	20.28	91	26473	0.98 ug/kg	97
82)	1,2-Dichlorobenzene	20.61	146	16265	1.15 ug/kg	99
83)	1,2-Dibromo-3-Chloropropan	21.78	157	1287	0.81 ug/kg	94
84)	1,2,4-Trichlorobenzene	23.15	180	10905	1.15 ug/kg	98
85)	Hexachlorobutadiene	23.34	225	4669	1.07 ug/kg	94
86)	Naphthalene	23.59	128	27583	1.17 ug/kg	100
87)	1,2,3-Trichlorobenzene	23.95	180	10644	1.17 ug/kg	96

(#) = qualifier out of range (m) = manual integration
6M20571.D 8260PRES.M Wed Jun 14 23:28:25 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 19:54 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(5) Bromomethane (T)

5.38min 0.43ug/kg

response 1048

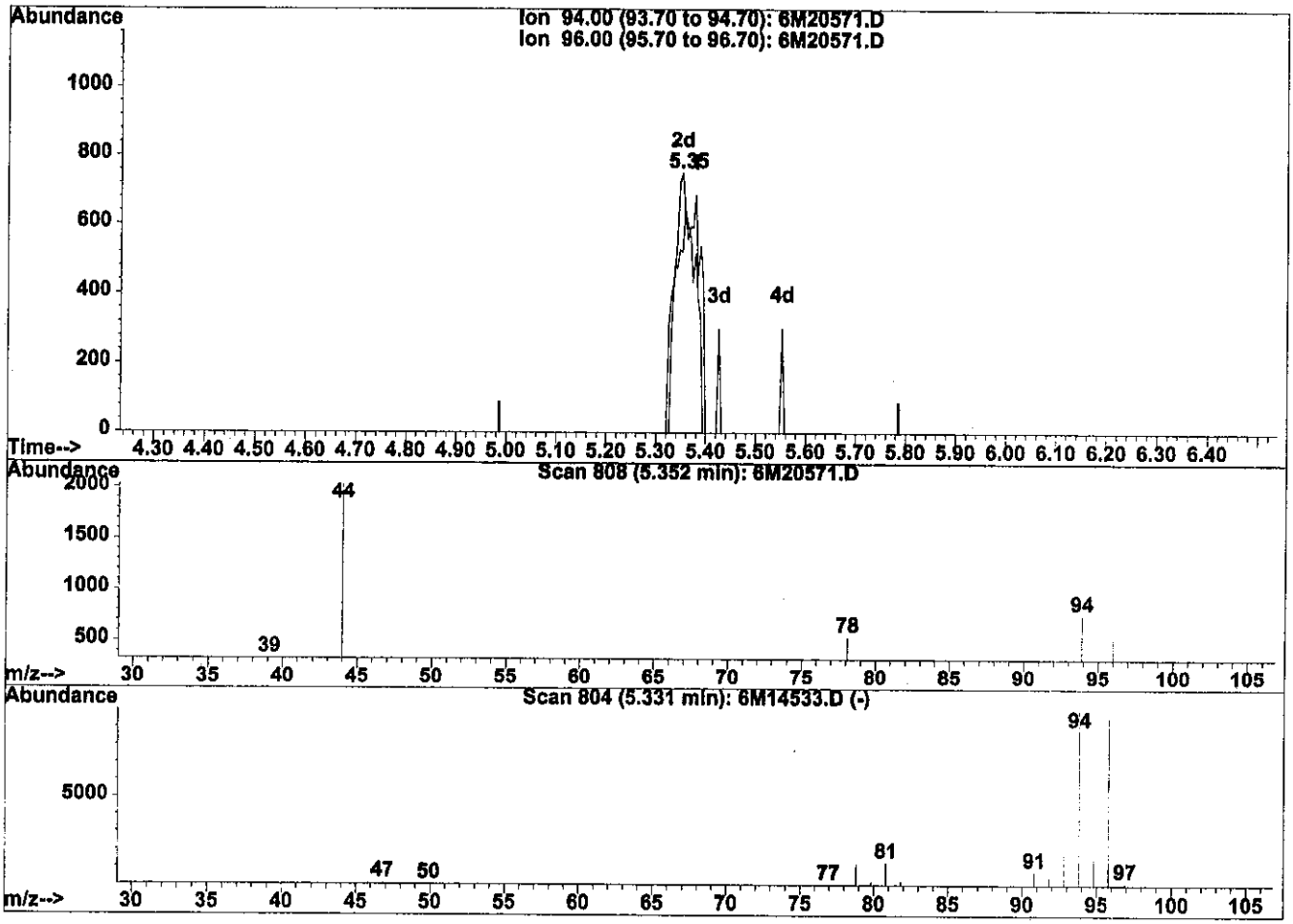
Ion	Exp%	Act%
94.00	100	100
96.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:07 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(5) Bromomethane (T)

5.35min 1.00ug/kg m

response 2438

Ion	Exp%	Act%
94.00	100	100
96.00	92.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

RP 6.14.00

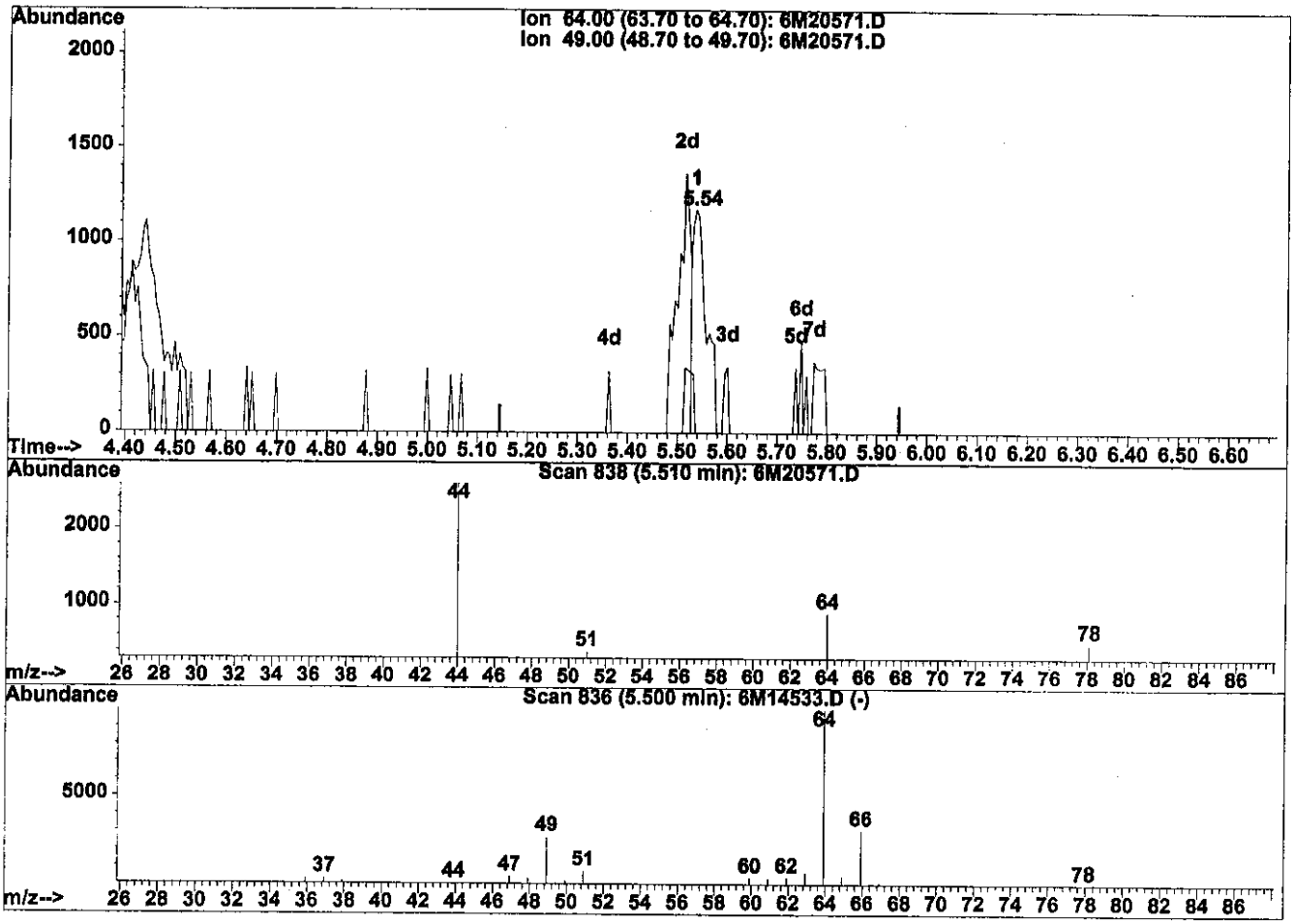
6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D
Acq On : 14 Jun 2000 19:28
Sample : WG78929-06 1 PPB STD M8260 5G/5ML
Misc : SOLID,1
Quant Time: Jun 14 20:07 2000

Vial: 6
Operator: CMS
Inst : HPMS6
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(6) Chloroethane (T)

5.54min 0.69ug/kg

response 2177

Ion	Exp%	Act%
64.00	100	100
49.00	28.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

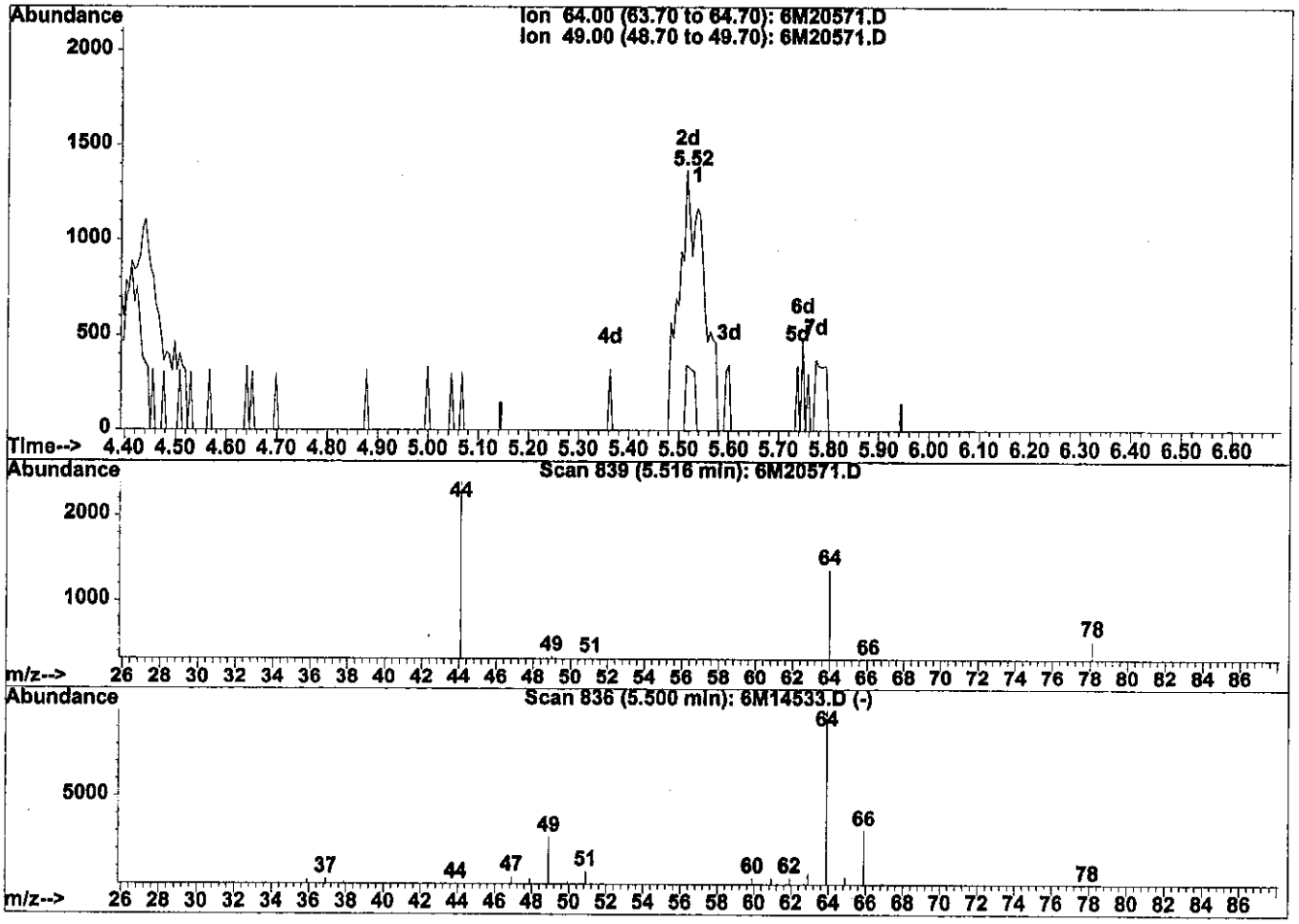
6.14.00

6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:07 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(6) Chloroethane (T)

5.52min 1.47ug/kg m

response 4604

Ion	Exp%	Act%
64.00	100	100
49.00	28.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

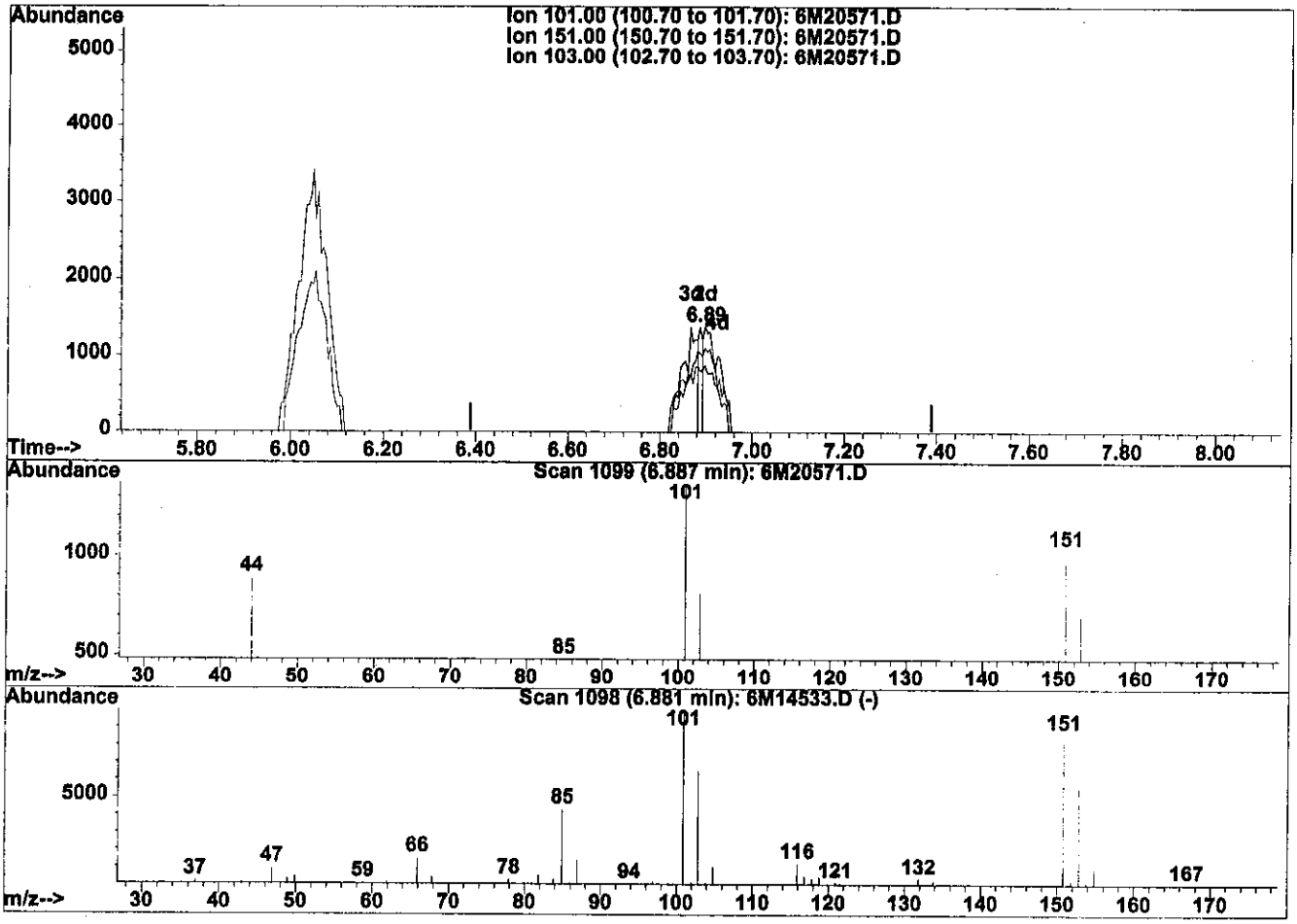
Ref 6.14.00

6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:07 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.89min 0.12ug/Kg

response 821

Ion	Exp%	Act%
101.00	100	100
151.00	74.80	0.00#
103.00	63.50	277.59#
0.00	0.00	0.00

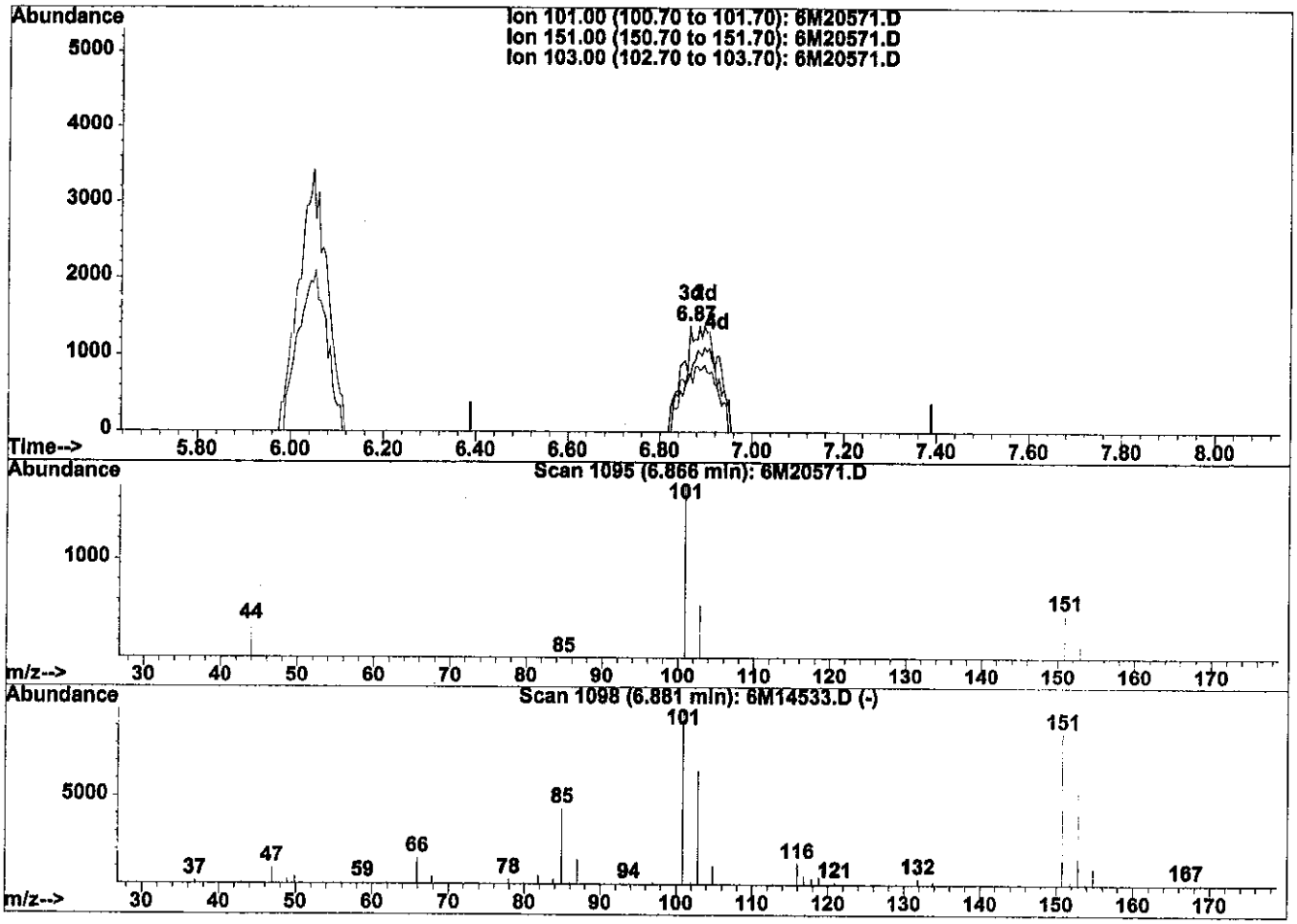
6/14/00

6M20571.D 8260PRES.M Wed Jun 14 20:07:58 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:08 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.87min 1.04ug/Kg m

response 7250

Ion	Exp%	Act%
101.00	100	100
151.00	74.80	0.00#
103.00	63.50	31.43#
0.00	0.00	0.00

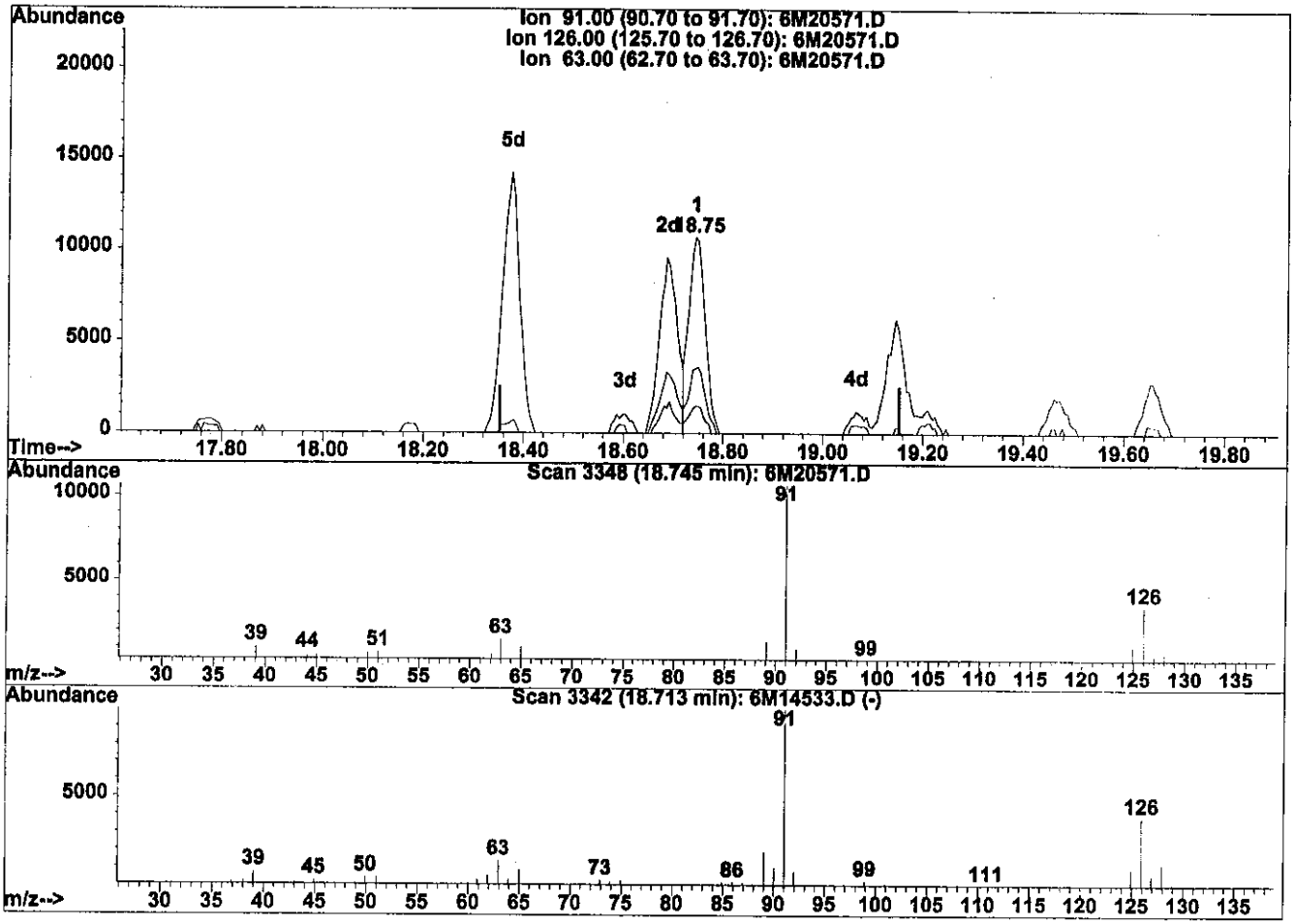
RP 6.14.00

6M20571.D 8260PRES.M Wed Jun 14 20:08:09 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:08 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(72) 2-Chlorotoluene (T)

18.75min 1.19ug/kg

response 24623

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.04
63.00	12.80	13.28
0.00	0.00	0.00

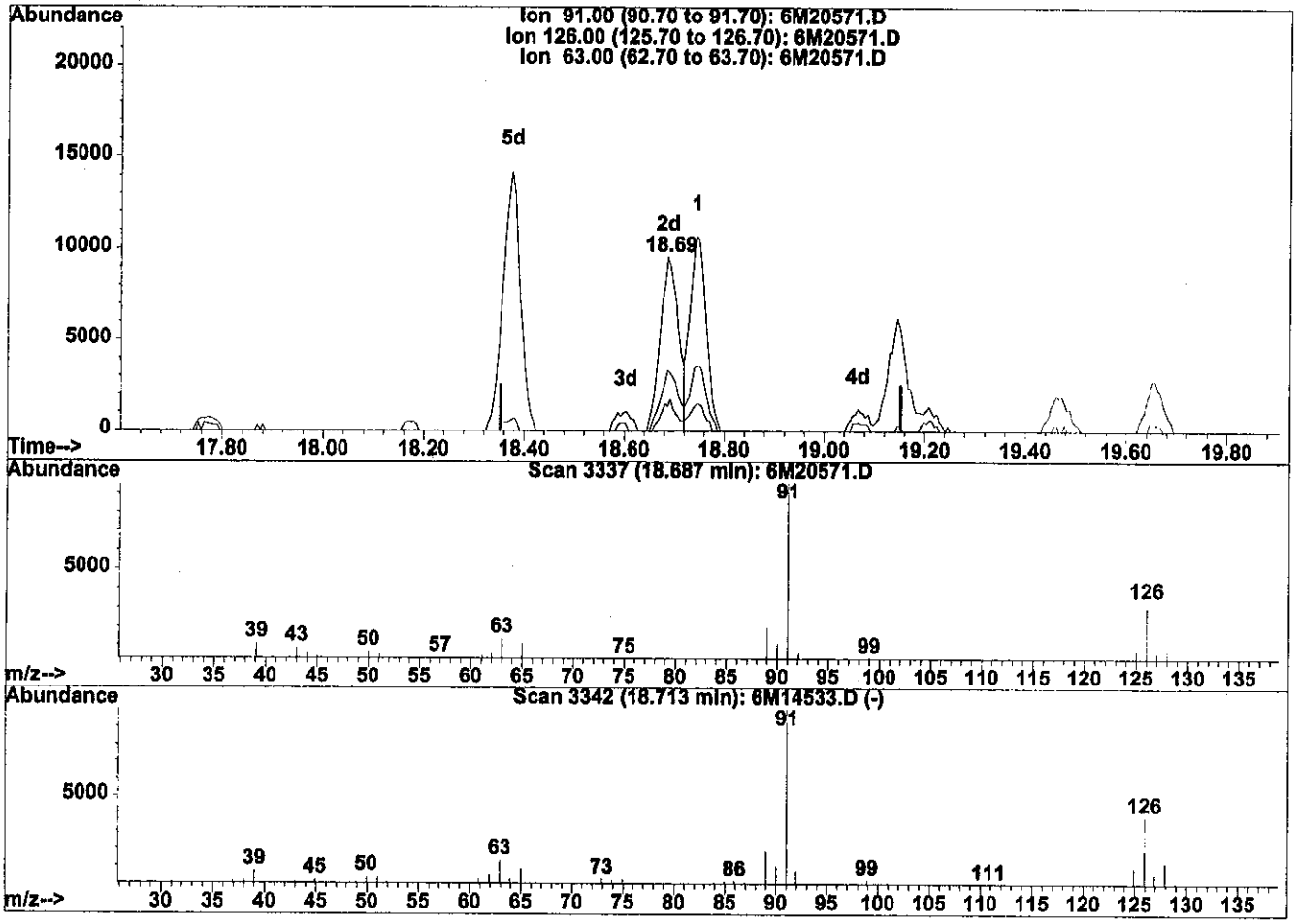
6/15/a

6M20571.D 8260PRES.M Wed Jun 14 20:10:15 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20571.D Vial: 6
Acq On : 14 Jun 2000 19:28 Operator: CMS
Sample : WG78929-06 1 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:10 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20571.D

(72) 2-Chlorotoluene (T)

18.69 min 1.16ug/kg m

response 24006

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.91
63.00	12.80	13.62
0.00	0.00	0.00

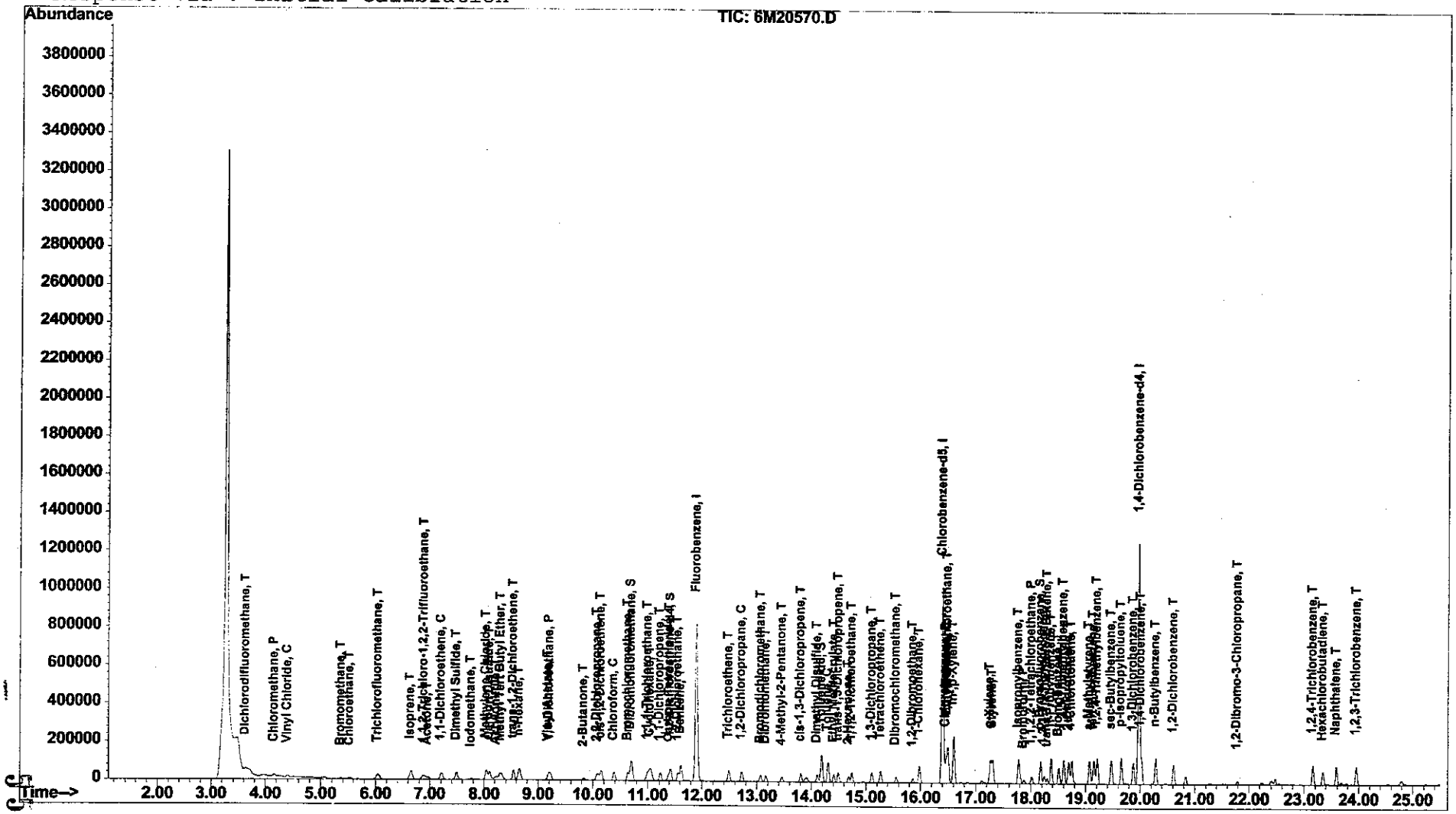
RH 6.14.00

CMS 6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:22 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:22 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1099337	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	816694	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	465180	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	45812	5.55	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 11.10%#			
33) 1,2-Dichloroethane-d4	11.43	65	57407	5.80	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 11.60%#			
45) Toluene-d8	14.19	98	136781	5.63	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 11.26%#			
66) p-Bromofluorobenzene	18.17	95	60769	5.83	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 11.66%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	26391	4.40	ug/Kg#	90
3) Chloromethane	4.16	50	33932	6.27	ug/kg	95
4) Vinyl Chloride	4.40	62	21516	5.50	ug/kg	90
5) Bromomethane	5.36	94	9474	4.43	ug/kg	91
6) Chloroethane	5.53	64	15982	5.95	ug/kg	90
7) Trichlorofluoromethane	6.05	101	57550	4.33	ug/kg	99
8) Isoprene	6.65	67	34400	3.97	ug/kg#	64
10) 1,1,2-Trichloro-1,2,2-Trif	6.89	101	29723	4.21	ug/Kg	94
11) Acetone	6.96	43	27968	13.87	ug/kg#	65
12) 1,1-Dichloroethene	7.21	96	25053	4.12	ug/kg	77
13) Dimethyl Sulfide	7.49	62	31431	4.42	ug/kg#	1
14) Iodomethane	7.77	142	12052	3.06	ug/kg	86
15) Methylene Chloride	8.04	84	31513	5.98	ug/kg#	66
16) Carbon Disulfide	8.10	76	95376	4.46	ug/kg	100
17) Acrylonitrile	8.22	53	14074	4.63	ug/kg	92
18) Methyl Tert Butyl Ether	8.31	73	72880	4.49	ug/kg#	88
19) trans-1,2-Dichloroethene	8.55	96	29152	4.35	ug/kg	85
20) n-Hexane	8.66	57	56022	4.33	ug/kg	95
21) Vinyl Acetate	9.18	43	60675	4.23	ug/kg	96
22) 1,1-Dichloroethane	9.21	63	60889	4.35	ug/kg	100
23) 2-Butanone	9.84	43	23276	5.61	ug/kg#	88
24) 2,2-Dichloropropane	10.09	77	42798	4.09	ug/kg	100
25) cis-1,2-Dichloroethene	10.15	96	31379	4.26	ug/kg	83
26) Chloroform	10.39	83	52101	4.32	ug/kg	96
27) Bromochloromethane	10.64	128	14752	4.43	ug/kg	93
29) 1,1,1-Trichloroethane	11.00	97	46954	4.24	ug/kg	94
30) Cyclohexane	11.05	56	62464	4.23	ug/kg#	82

(#) = qualifier out of range (m) = manual integration
6M20570.D 8260PRES.M Wed Jun 14 23:23:31 2000

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:22 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.21	75	30486	4.17 ug/kg	98
32) Carbon Tetrachloride	11.39	117	39679	4.05 ug/kg	98
34) 1,2-Dichloroethane	11.56	62	49930	4.52 ug/kg#	91
35) Benzene	11.63	78	100278	4.38 ug/kg#	84
36) Trichloroethene	12.49	130	28408	4.24 ug/kg	96
37) 1,2-Dichloropropane	12.72	63	28826	4.37 ug/kg	96
38) Bromodichloromethane	13.07	83	33356	4.24 ug/kg	100
39) Dibromomethane	13.16	93	17107	4.41 ug/kg	95
41) 4-Methyl-2-Pentanone	13.46	58	11121	4.41 ug/kg	89
42) cis-1,3-Dichloropropene	13.80	75	33298	4.13 ug/kg	100
43) Dimethyl Disulfide	14.11	79	14129	2.72 ug/kg	91
46) Toluene	14.30	91	105435	4.35 ug/kg	97
47) Ethyl Methacrylate	14.42	69	26731	4.21 ug/kg	95
48) trans-1,3-Dichloropropene	14.50	75	36453	4.27 ug/kg	97
49) 1,1,2-Trichloroethane	14.75	97	22179	4.62 ug/kg	96
50) 2-Hexanone	14.69	43	35604	5.84 ug/kg#	1
51) 1,3-Dichloropropane	15.11	76	38738	4.59 ug/kg	88
52) Tetrachloroethene	15.27	164	20868	4.49 ug/kg	94
53) Dibromochloromethane	15.56	129	24100	4.18 ug/kg	98
54) 1,2-Dibromoethane	15.86	107	22663	4.48 ug/kg	99
55) 1-Chlorohexane	15.98	91	34081	4.21 ug/kg#	69
56) Chlorobenzene	16.46	112	76431	4.53 ug/kg	92
57) 1,1,1,2-Tetrachloroethane	16.49	131	25395	4.42 ug/kg#	49
58) Ethylbenzene	16.50	106	40073	4.32 ug/kg	98
59) m-,p-Xylene	16.60	106	104708	8.94 ug/kg	95
60) o-Xylene	17.27	106	48967	4.37 ug/kg	98
61) Styrene	17.31	104	81608	4.32 ug/kg	95
62) Bromoform	17.87	173	13787	4.10 ug/kg	99
63) Isopropylbenzene	17.77	105	123845	4.25 ug/kg	100
65) 1,1,2,2-Tetrachloroethane	18.02	83	28266	4.72 ug/kg	99
67) 1,2,3-Trichloropropane	18.24	110	9825	4.84 ug/kg#	84
68) trans-1,4-Dichloro-2-Buten	18.30	53	10707	4.36 ug/kg#	74
69) n-Propylbenzene	18.38	91	154235	4.44 ug/kg	98
70) Bromobenzene	18.51	156	32741	4.52 ug/kg	99
71) 1,3,5-Trimethylbenzene	18.60	105	108766	4.38 ug/kg	99
72) 2-Chlorotoluene	18.69	91	97515m	4.44 ug/kg	
73) 4-Chlorotoluene	18.74	91	100268	4.51 ug/kg	94
74) a-Methylstyrene	19.07	118	50717	4.10 ug/kg	99
75) tert-Butylbenzene	19.15	119	98547	4.38 ug/kg	99
76) 1,2,4-Trimethylbenzene	19.21	105	114530	4.44 ug/kg	99
77) sec-Butylbenzene	19.47	105	138287	4.32 ug/kg	98
78) p-Isopropyltoluene	19.66	119	118848	4.32 ug/kg	100

(#) = qualifier out of range (m) = manual integration
6M20570.D 8260PRES.M Wed Jun 14 23:23:36 2000

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:22 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

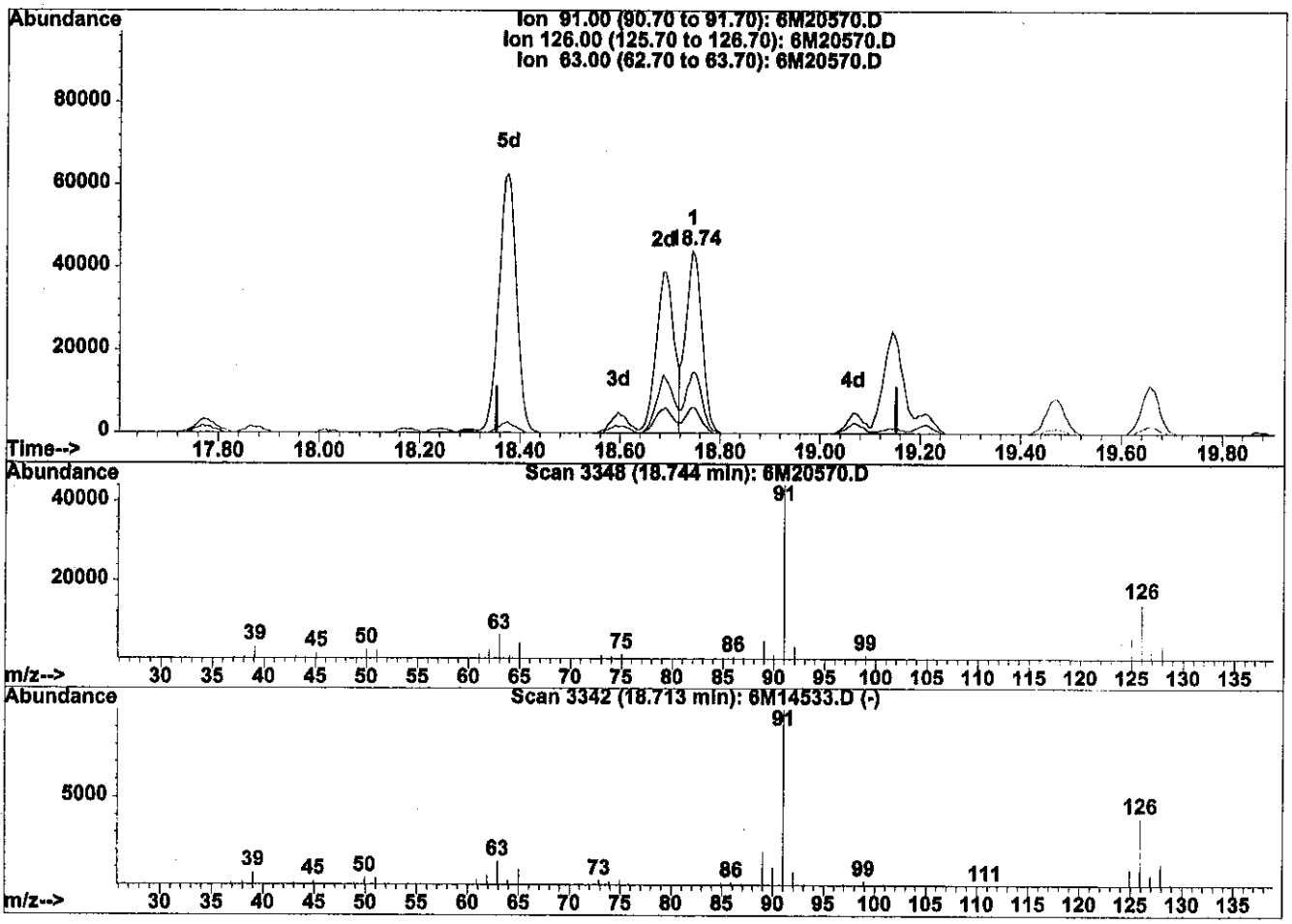
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) 1,3-Dichlorobenzene	19.88	146	66123	4.50 ug/kg	99
80) 1,4-Dichlorobenzene	20.03	146	69393	4.56 ug/kg	98
81) n-Butylbenzene	20.28	91	113921	4.35 ug/kg	95
82) 1,2-Dichlorobenzene	20.62	146	62411	4.53 ug/kg	100
83) 1,2-Dibromo-3-Chloropropan	21.79	157	6442	4.16 ug/kg	94
84) 1,2,4-Trichlorobenzene	23.15	180	42062	4.55 ug/kg	98
85) Hexachlorobutadiene	23.35	225	19119	4.51 ug/kg	98
86) Naphthalene	23.58	128	105367	4.59 ug/kg	100
87) 1,2,3-Trichlorobenzene	23.95	180	41325	4.67 ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 19:21 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20570.D

(72) 2-Chlorotoluene (T)

18.74min 5.00ug/kg

response 100268

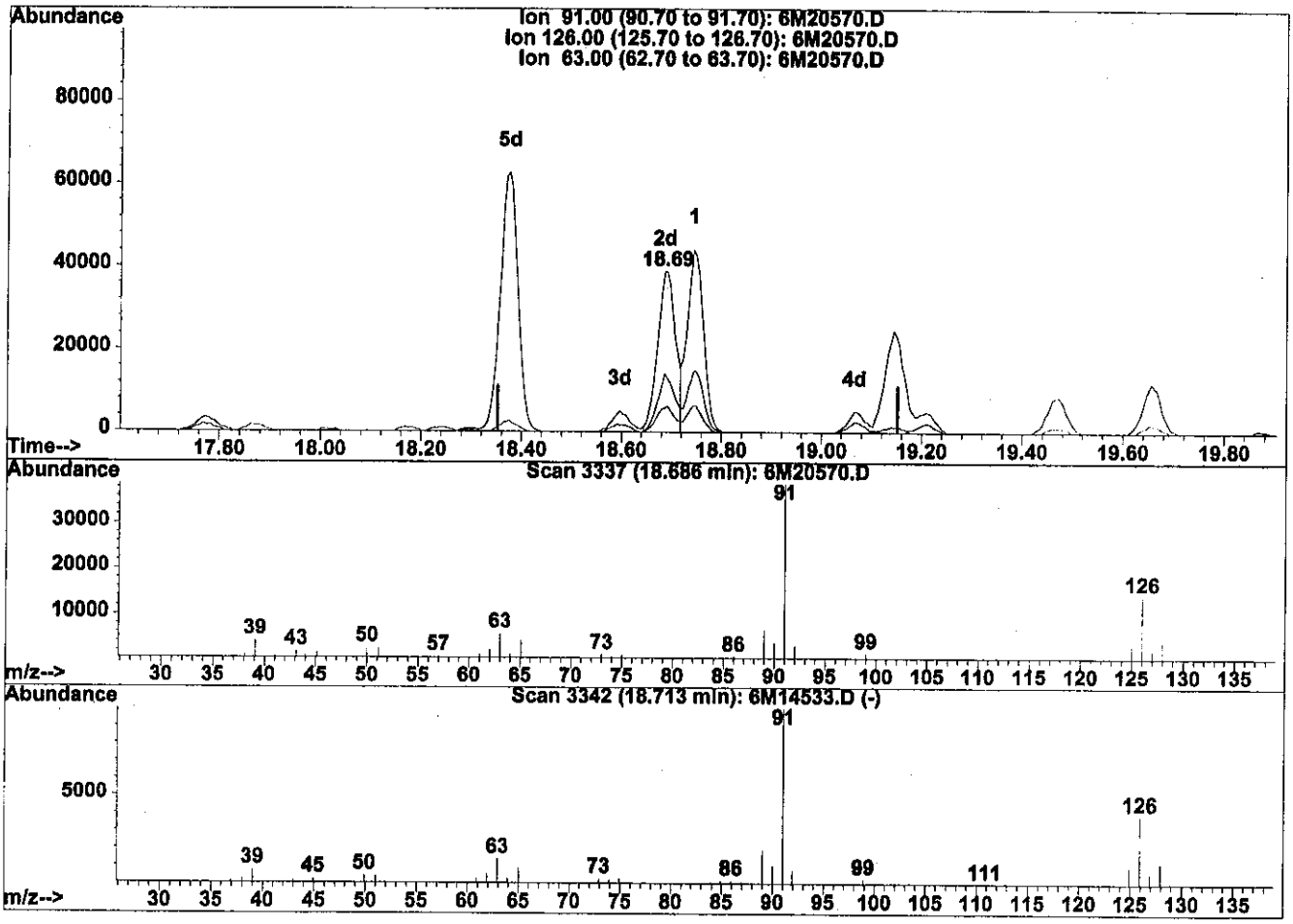
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.36
63.00	12.80	14.06
0.00	0.00	0.00

6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20570.D Vial: 5
Acq On : 14 Jun 2000 18:55 Operator: CMS
Sample : WG78929-05 5 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20570.D

(72) 2-Chlorotoluene (T)

18.69min 4.84ug/kg m

response 97109

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	35.48
63.00	12.80	14.51
0.00	0.00	0.00

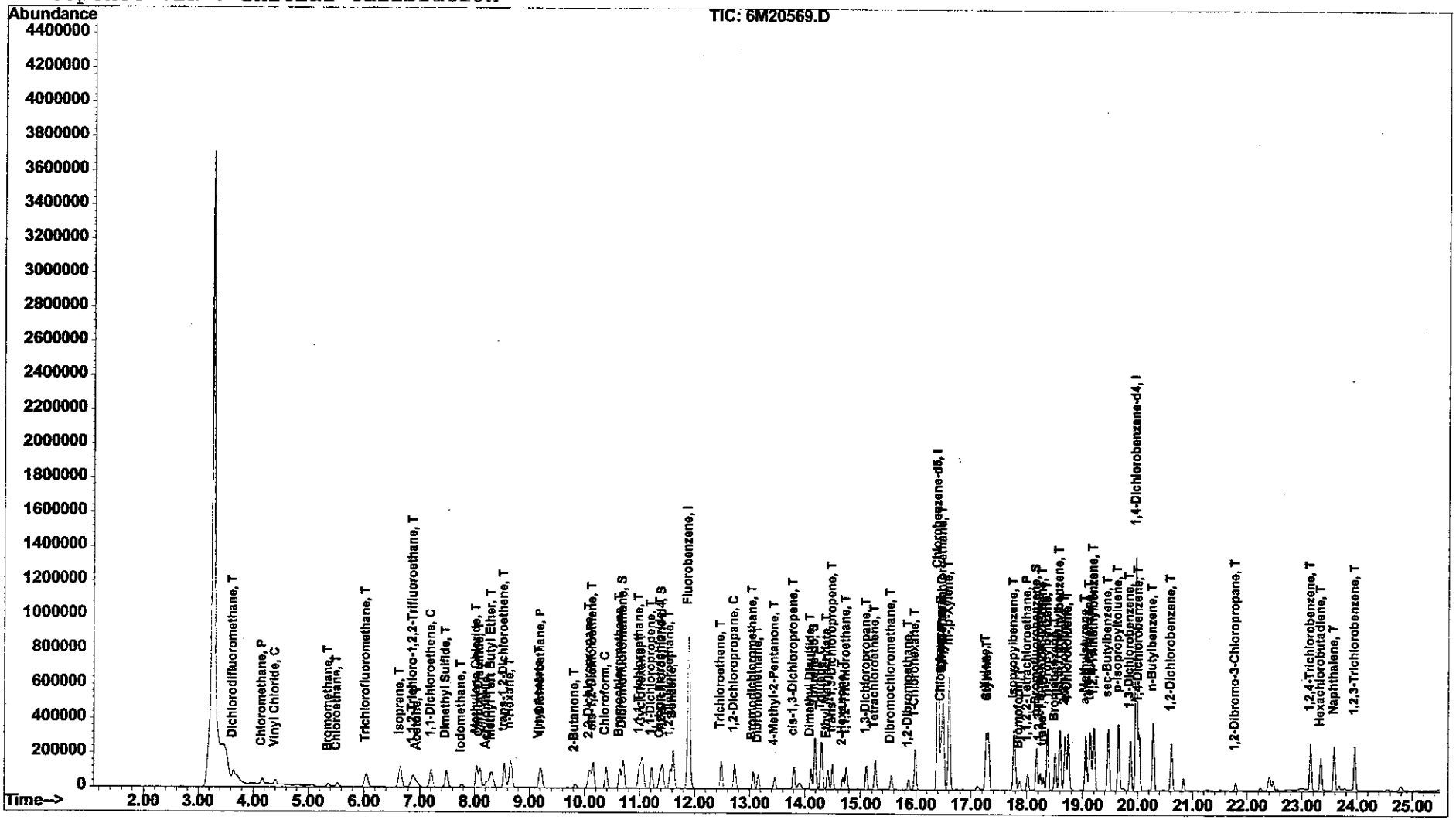
Ref 6-14-00

6/15/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:15 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:15 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1172958	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	874897	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	505713	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	96453	10.96	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 21.92%#			
33) 1,2-Dichloroethane-d4	11.43	65	117406	11.11	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 22.22%#			
45) Toluene-d8	14.18	98	289770	11.13	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 22.26%#			
66) p-Bromofluorobenzene	18.18	95	125941	11.12	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 22.24%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	73165	11.42	ug/Kg#	91
3) Chloromethane	4.16	50	82168	14.24	ug/kg	96
4) Vinyl Chloride	4.40	62	51285	12.42	ug/kg	93
5) Bromomethane	5.36	94	23805	10.42	ug/kg	98
6) Chloroethane	5.52	64	38488	13.43	ug/kg	97
7) Trichlorofluoromethane	6.04	101	158363	11.18	ug/kg	99
8) Isoprene	6.64	67	93618	10.13	ug/kg#	65
10) 1,1,2-Trichloro-1,2,2-Trif	6.89	101	84695	11.25	ug/Kg	96
11) Acetone	6.97	43	44742	20.80	ug/kg#	73
12) 1,1-Dichloroethene	7.20	96	72244	11.14	ug/kg	81
13) Dimethyl Sulfide	7.48	62	79766	10.52	ug/kg#	1
14) Iodomethane	7.77	142	31667	7.50	ug/kg	92
15) Methylene Chloride	8.04	84	73589	13.08	ug/kg#	62
16) Carbon Disulfide	8.11	76	238487	10.45	ug/kg	100
17) Acrylonitrile	8.22	53	35671	11.00	ug/kg	96
18) Methyl Tert Butyl Ether	8.31	73	178689	10.32	ug/kg#	85
19) trans-1,2-Dichloroethene	8.55	96	78335	10.97	ug/kg	80
20) n-Hexane	8.65	57	146051	10.57	ug/kg	95
21) Vinyl Acetate	9.18	43	162163	10.60	ug/kg	96
22) 1,1-Dichloroethane	9.21	63	165151	11.05	ug/kg	99
23) 2-Butanone	9.83	43	49998	11.30	ug/kg#	91
24) 2,2-Dichloropropane	10.09	77	121193	10.85	ug/kg	99
25) cis-1,2-Dichloroethene	10.15	96	86609	11.02	ug/kg	83
26) Chloroform	10.38	83	140946	10.95	ug/kg	98
27) Bromochloromethane	10.64	128	38790	10.91	ug/kg	98
29) 1,1,1-Trichloroethane	10.99	97	129279	10.94	ug/kg	94
30) Cyclohexane	11.05	56	167194	10.61	ug/kg#	83

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:15 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.22	75	85715	10.99 ug/kg	97
32) Carbon Tetrachloride	11.38	117	114290	10.94 ug/kg	98
34) 1,2-Dichloroethane	11.56	62	128360	10.90 ug/kg#	91
35) Benzene	11.62	78	266572	10.90 ug/kg#	85
36) Trichloroethene	12.49	130	78657	11.00 ug/kg	98
37) 1,2-Dichloropropane	12.72	63	76146	10.82 ug/kg	95
38) Bromodichloromethane	13.06	83	89364	10.64 ug/kg	100
39) Dibromomethane	13.16	93	44957	10.86 ug/kg	97
41) 4-Methyl-2-Pentanone	13.45	58	28545	10.61 ug/kg	87
42) cis-1,3-Dichloropropene	13.80	75	92845	10.81 ug/kg	97
43) Dimethyl Disulfide	14.11	79	42809	7.72 ug/kg	90
46) Toluene	14.31	91	285586	11.01 ug/kg	98
47) Ethyl Methacrylate	14.41	69	71078	10.44 ug/kg	93
48) trans-1,3-Dichloropropene	14.50	75	97701	10.68 ug/kg	98
49) 1,1,2-Trichloroethane	14.75	97	56549	11.00 ug/kg	96
50) 2-Hexanone	14.69	43	73843	11.30 ug/kg#	1
51) 1,3-Dichloropropane	15.11	76	98683	10.92 ug/kg	88
52) Tetrachloroethene	15.27	164	54879	11.02 ug/kg	94
53) Dibromochloromethane	15.56	129	66227	10.72 ug/kg	100
54) 1,2-Dibromoethane	15.86	107	59309	10.95 ug/kg	100
55) 1-Chlorohexane	15.98	91	93906	10.82 ug/kg#	74
56) Chlorobenzene	16.46	112	199114	11.00 ug/kg	94
57) 1,1,1,2-Tetrachloroethane	16.49	131	68658	11.15 ug/kg	98
58) Ethylbenzene	16.50	106	111101	11.18 ug/kg	95
59) m-,p-Xylene	16.60	106	280612	22.38 ug/kg	97
60) o-Xylene	17.27	106	133229	11.11 ug/kg	96
61) Styrene	17.31	104	221826	10.96 ug/kg	96
62) Bromoform	17.87	173	38263	10.62 ug/kg	100
63) Isopropylbenzene	17.77	105	353387	11.33 ug/kg	100
65) 1,1,2,2-Tetrachloroethane	18.01	83	70812	10.89 ug/kg	99
67) 1,2,3-Trichloropropane	18.24	110	24928	11.29 ug/kg#	84
68) trans-1,4-Dichloro-2-Buten	18.30	53	26630	9.97 ug/kg#	78
69) n-Propylbenzene	18.38	91	424507	11.25 ug/kg	97
70) Bromobenzene	18.51	156	86051	10.92 ug/kg	98
71) 1,3,5-Trimethylbenzene	18.60	105	303478	11.25 ug/kg	98
72) 2-Chlorotoluene	18.69	91	265266m	11.10 ug/kg	
73) 4-Chlorotoluene	18.75	91	265685	10.99 ug/kg	94
74) a-Methylstyrene	19.07	118	137890	10.24 ug/kg	99
75) tert-Butylbenzene	19.15	119	273186	11.16 ug/kg	99
76) 1,2,4-Trimethylbenzene	19.21	105	314864	11.22 ug/kg	99
77) sec-Butylbenzene	19.47	105	394856	11.35 ug/kg	98
78) p-Isopropyltoluene	19.66	119	342513	11.45 ug/kg	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:15 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

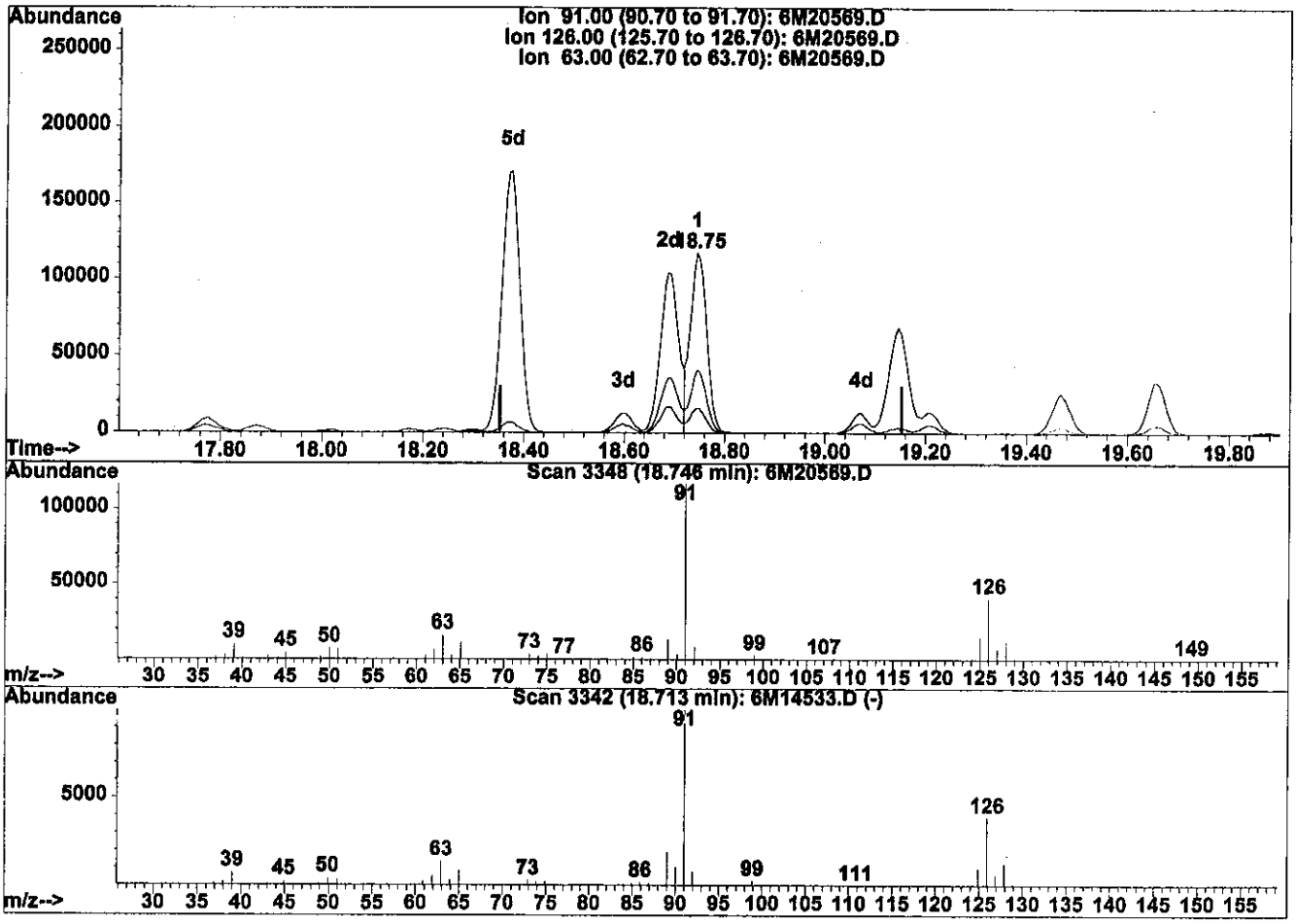
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79)	1,3-Dichlorobenzene	19.88	146	174170	10.91 ug/kg	99
80)	1,4-Dichlorobenzene	20.03	146	180017	10.87 ug/kg	95
81)	n-Butylbenzene	20.29	91	324194	11.40 ug/kg	94
82)	1,2-Dichlorobenzene	20.61	146	162402	10.83 ug/kg	99
83)	1,2-Dibromo-3-Chloropropan	21.79	157	18452	10.97 ug/kg	87
84)	1,2,4-Trichlorobenzene	23.15	180	113100	11.27 ug/kg	99
85)	Hexachlorobutadiene	23.35	225	51638	11.21 ug/kg	98
86)	Naphthalene	23.59	128	283031	11.34 ug/kg	99
87)	1,2,3-Trichlorobenzene	23.96	180	106766	11.10 ug/kg	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 18:49 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20569.D

(72) 2-Chlorotoluene (T)

18.75min 12.19ug/kg

response 265685

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.52
63.00	12.80	13.73
0.00	0.00	0.00

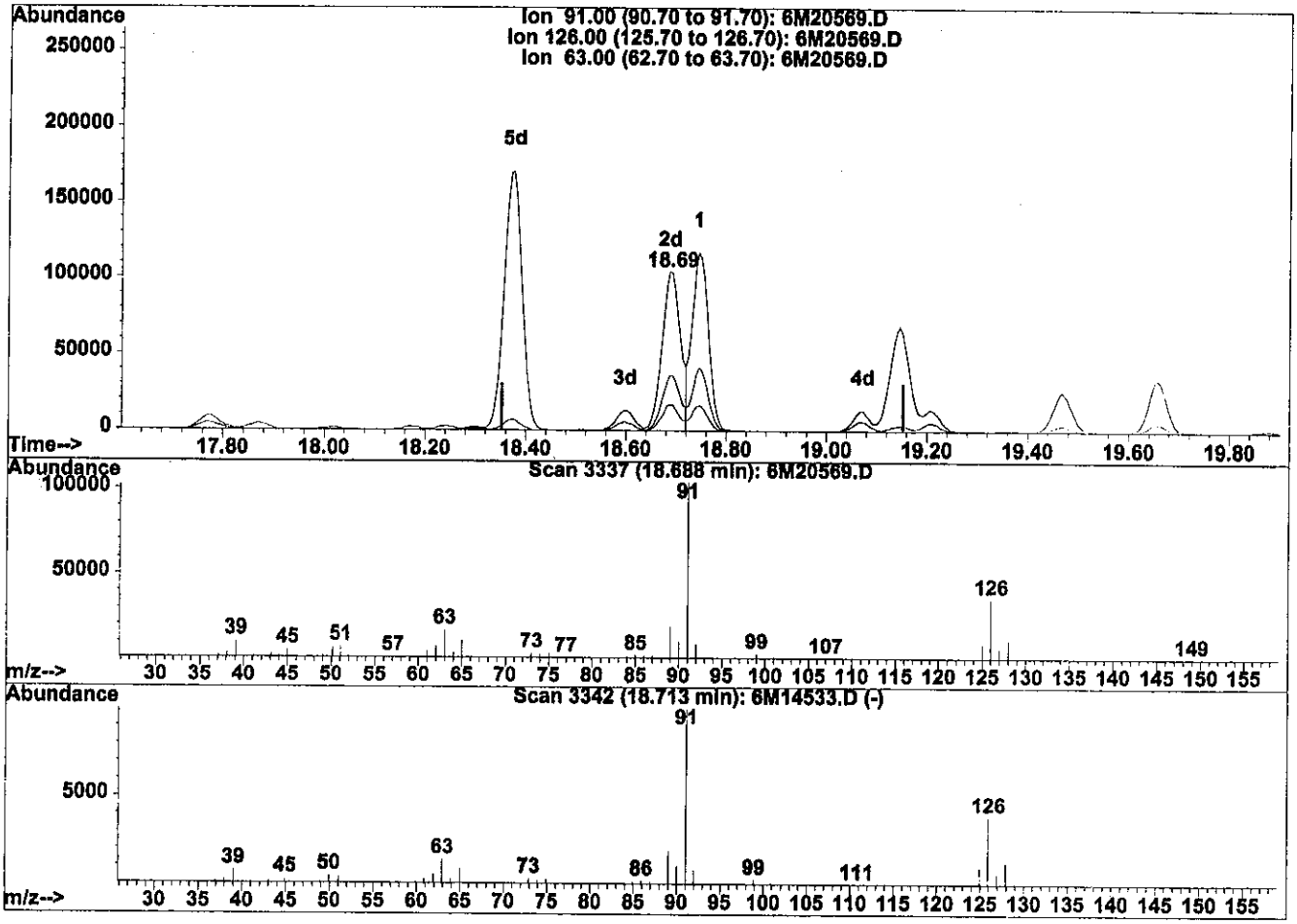
6/15/00

6M20569.D 8260PRES.M Wed Jun 14 19:59:13 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20569.D Vial: 4
Acq On : 14 Jun 2000 18:23 Operator: CMS
Sample : WG78929-04 10 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 19:59 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20569.D

(72) 2-Chlorotoluene (T)

18.69min 12.11ug/kg m

response 263815

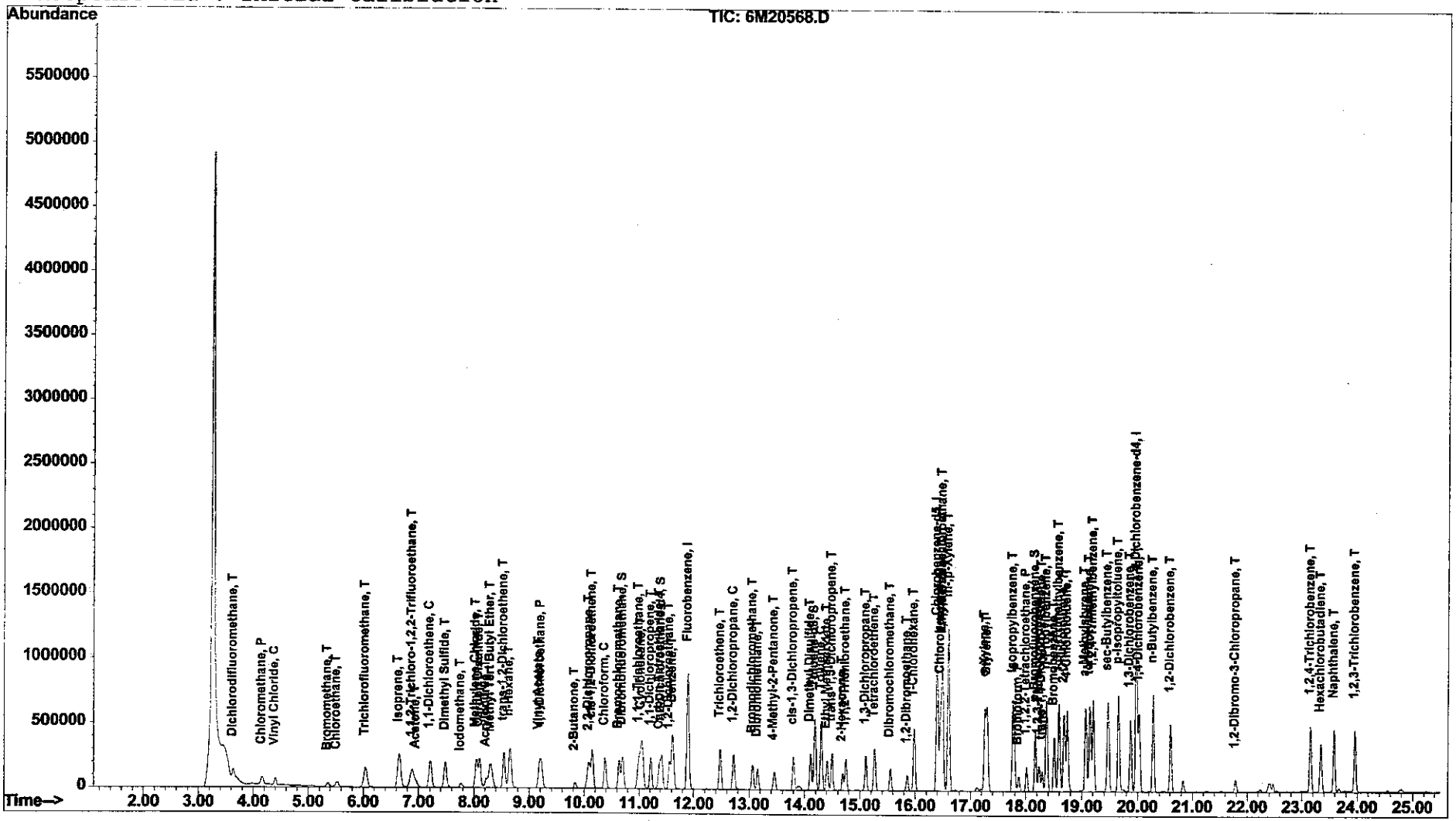
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.76
63.00	12.80	13.83
0.00	0.00	0.00

6M20569.D 8260PRES.M Wed Jun 14 19:59:26 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:19 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:19 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1200380	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	882895	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	508352	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	183192	20.34	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 40.68%#			
33) 1,2-Dichloroethane-d4	11.43	65	219066	20.26	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 40.52%#			
45) Toluene-d8	14.19	98	534544	20.34	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 40.68%#			
66) p-Bromofluorobenzene	18.17	95	227877	20.01	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 40.02%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	143342	21.87	ug/Kg#	89
3) Chloromethane	4.16	50	157586	26.69	ug/kg	97
4) Vinyl Chloride	4.40	62	95822	23.11	ug/kg	96
5) Bromomethane	5.36	94	44452	19.02	ug/kg	99
6) Chloroethane	5.52	64	72814	24.82	ug/kg	99
7) Trichlorofluoromethane	6.04	101	318467	21.97	ug/kg#	97
8) Isoprene	6.65	67	200708	21.22	ug/kg#	66
10) 1,1,2-Trichloro-1,2,2-Trif	6.89	101	167691	21.77	ug/Kg	96
11) Acetone	6.96	43	71400	32.43	ug/kg#	69
12) 1,1-Dichloroethene	7.20	96	145013	21.85	ug/kg	81
13) Dimethyl Sulfide	7.49	62	166128	21.41	ug/kg#	1
14) Iodomethane	7.77	142	67093	15.36	ug/kg	96
15) Methylene Chloride	8.04	84	135061	23.46	ug/kg#	63
16) Carbon Disulfide	8.10	76	484469	20.73	ug/kg	100
17) Acrylonitrile	8.22	53	72212	21.76	ug/kg	98
18) Methyl Tert Butyl Ether	8.30	73	373151	21.06	ug/kg#	89
19) trans-1,2-Dichloroethene	8.55	96	156561	21.42	ug/kg	80
20) n-Hexane	8.65	57	293501	20.76	ug/kg	94
21) Vinyl Acetate	9.18	43	342807	21.90	ug/kg	98
22) 1,1-Dichloroethane	9.22	63	324347	21.20	ug/kg	98
23) 2-Butanone	9.83	43	95675	21.12	ug/kg	91
24) 2,2-Dichloropropane	10.09	77	243479	21.29	ug/kg	100
25) cis-1,2-Dichloroethene	10.15	96	170170	21.16	ug/kg	82
26) Chloroform	10.39	83	278810	21.16	ug/kg	98
27) Bromochloromethane	10.63	128	76502	21.03	ug/kg	97
29) 1,1,1-Trichloroethane	10.99	97	257697	21.31	ug/kg	93
30) Cyclohexane	11.05	56	348177	21.59	ug/kg#	82

(#) = qualifier out of range (m) = manual integration
6M20568.D 8260PRES.M Wed Jun 14 23:21:24 2000

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:19 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.22	75	171139	21.45 ug/kg	97
32) Carbon Tetrachloride	11.38	117	227964	21.32 ug/kg	99
34) 1,2-Dichloroethane	11.56	62	252324	20.94 ug/kg#	90
35) Benzene	11.62	78	516224	20.63 ug/kg#	84
36) Trichloroethene	12.48	130	153345	20.95 ug/kg	97
37) 1,2-Dichloropropane	12.72	63	151047	20.96 ug/kg	95
38) Bromodichloromethane	13.07	83	181672	21.13 ug/kg	100
39) Dibromomethane	13.16	93	88793	20.97 ug/kg	97
41) 4-Methyl-2-Pentanone	13.45	58	59718	21.69 ug/kg	92
42) cis-1,3-Dichloropropene	13.80	75	188834	21.47 ug/kg	98
43) Dimethyl Disulfide	14.11	79	103800	18.28 ug/kg	91
46) Toluene	14.30	91	545790	20.84 ug/kg	97
47) Ethyl Methacrylate	14.41	69	149342	21.74 ug/kg#	91
48) trans-1,3-Dichloropropene	14.49	75	196556	21.29 ug/kg	98
49) 1,1,2-Trichloroethane	14.75	97	108039	20.83 ug/kg	97
50) 2-Hexanone	14.69	43	136296	20.67 ug/kg#	1
51) 1,3-Dichloropropane	15.11	76	190730	20.92 ug/kg	87
52) Tetrachloroethene	15.26	164	107225	21.33 ug/kg	95
53) Dibromochloromethane	15.56	129	132700	21.28 ug/kg	99
54) 1,2-Dibromoethane	15.85	107	116111	21.25 ug/kg	98
55) 1-Chlorohexane	15.98	91	195333	22.30 ug/kg#	76
56) Chlorobenzene	16.46	112	379341	20.77 ug/kg	92
57) 1,1,1,2-Tetrachloroethane	16.49	131	133921	21.56 ug/kg	97
58) Ethylbenzene	16.50	106	210880	21.02 ug/kg	97
59) m-,p-Xylene	16.60	106	538435	42.55 ug/kg	96
60) o-Xylene	17.27	106	255978	21.15 ug/kg	97
61) Styrene	17.30	104	435128	21.31 ug/kg	95
62) Bromoform	17.87	173	78204	21.50 ug/kg	99
63) Isopropylbenzene	17.77	105	683626	21.72 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.01	83	134437	20.56 ug/kg	98
67) 1,2,3-Trichloropropane	18.24	110	46547	20.97 ug/kg#	85
68) trans-1,4-Dichloro-2-Buten	18.30	53	56508	21.05 ug/kg#	79
69) n-Propylbenzene	18.37	91	825276	21.76 ug/kg	97
70) Bromobenzene	18.51	156	164125	20.72 ug/kg	100
71) 1,3,5-Trimethylbenzene	18.60	105	589715	21.75 ug/kg	99
72) 2-Chlorotoluene	18.69	91	503118m	20.95 ug/kg	
73) 4-Chlorotoluene	18.74	91	510897	21.03 ug/kg	94
74) a-Methylstyrene	19.07	118	290302	21.45 ug/kg	99
75) tert-Butylbenzene	19.14	119	530425	21.56 ug/kg	100
76) 1,2,4-Trimethylbenzene	19.21	105	603399	21.39 ug/kg	98
77) sec-Butylbenzene	19.47	105	768228	21.96 ug/kg	98
78) p-Isopropyltoluene	19.66	119	660653	21.98 ug/kg	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:19 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

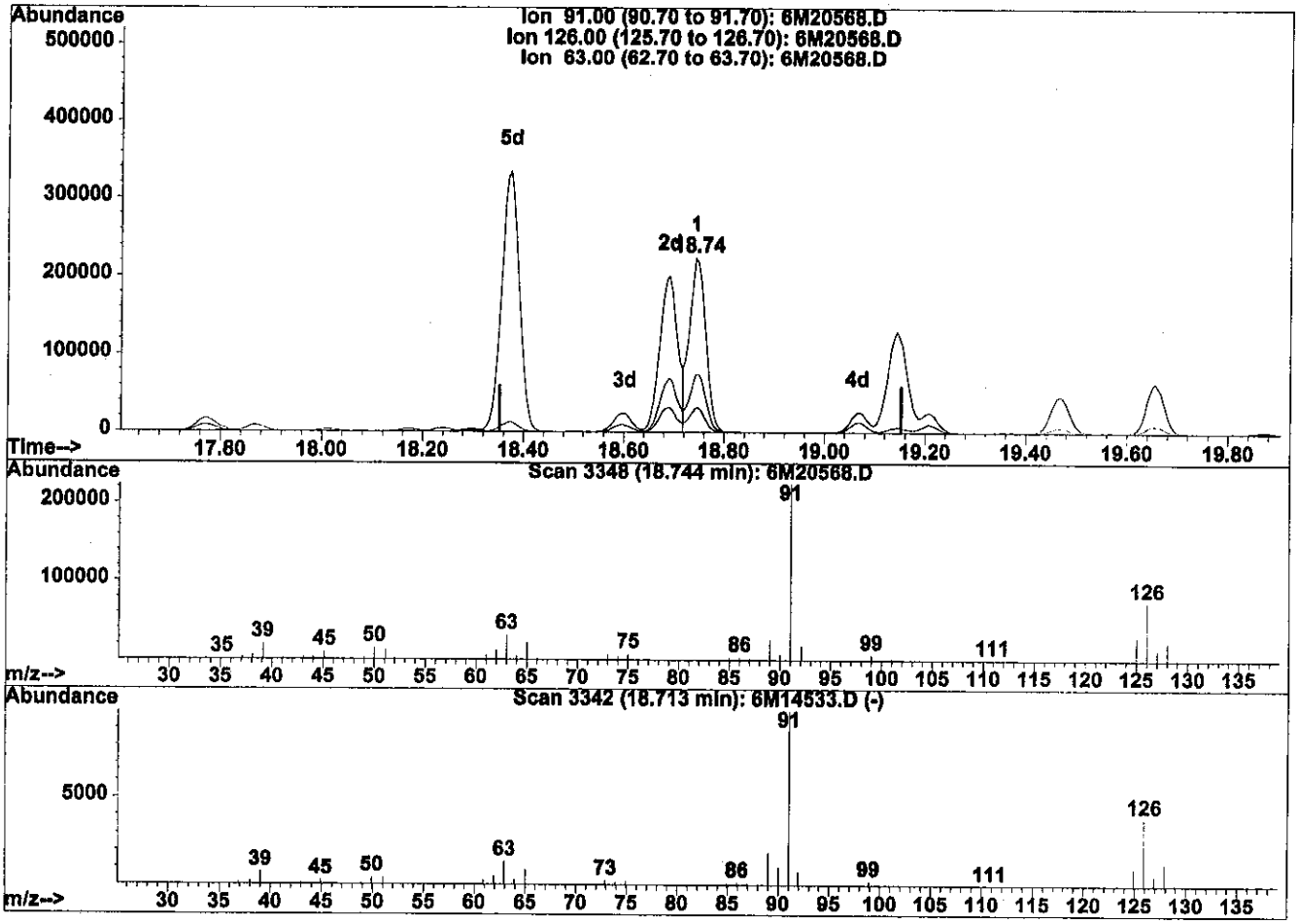
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	1,3-Dichlorobenzene	19.87	146	330955	20.62	ug/kg	99
80)	1,4-Dichlorobenzene	20.03	146	340425	20.46	ug/kg	99
81)	n-Butylbenzene	20.28	91	626535	21.91	ug/kg	94
82)	1,2-Dichlorobenzene	20.61	146	309337	20.53	ug/kg	100
83)	1,2-Dibromo-3-Chloropropan	21.79	157	35926	21.25	ug/kg	91
84)	1,2,4-Trichlorobenzene	23.15	180	209963	20.80	ug/kg	98
85)	Hexachlorobutadiene	23.34	225	100474	21.70	ug/kg	97
86)	Naphthalene	23.58	128	534559	21.30	ug/kg	100
87)	1,2,3-Trichlorobenzene	23.96	180	203716	21.07	ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 18:16 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20568.D

(72) 2-Chlorotoluene (T)

18.74min 23.32ug/kg

response 510897

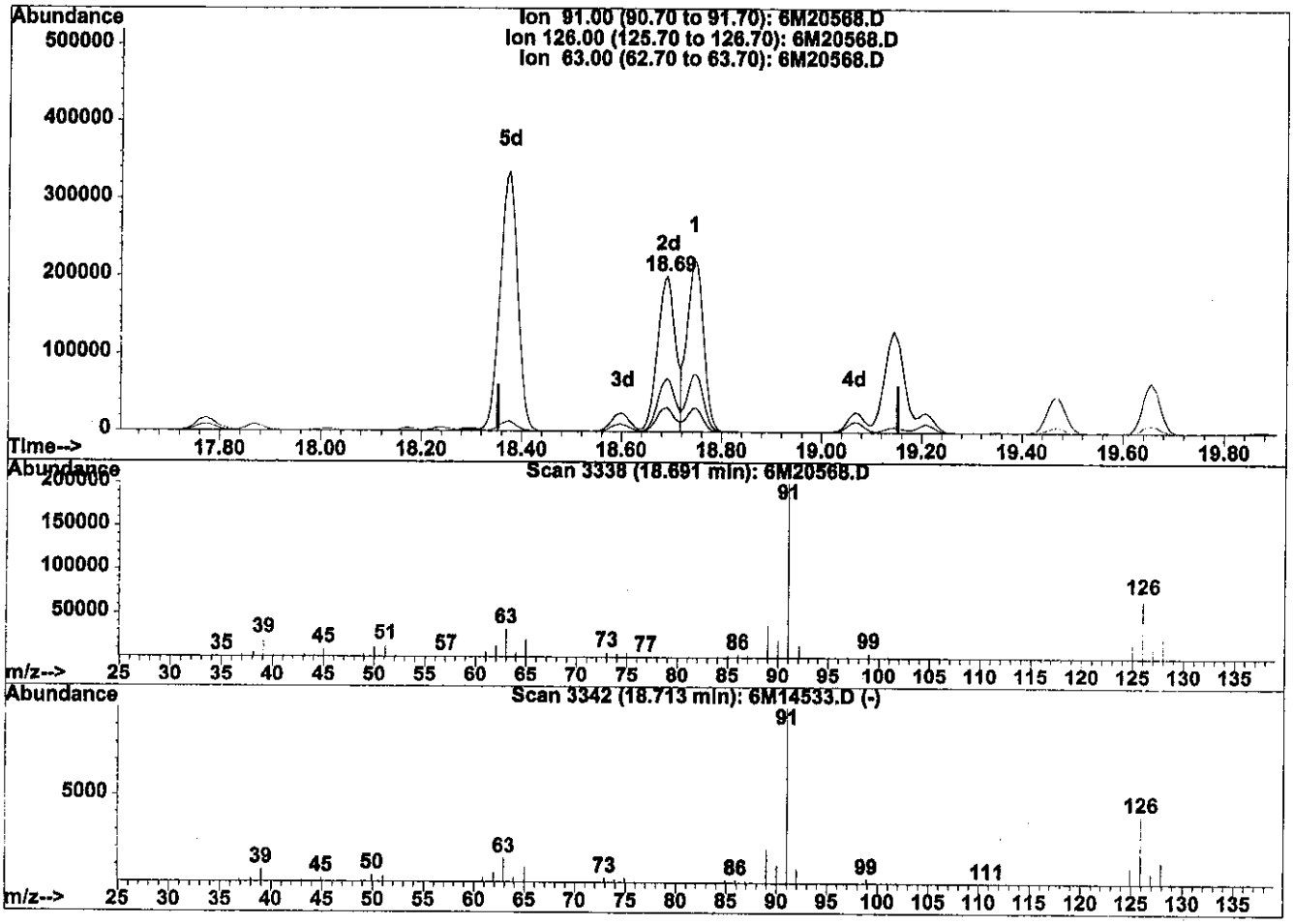
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.11
63.00	12.80	13.94
0.00	0.00	0.00

6M20568.D 8260PRES.M Wed Jun 14 19:50:17 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20568.D Vial: 3
Acq On : 14 Jun 2000 17:50 Operator: CMS
Sample : WG78929-03 20 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 19:50 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20568.D

(72) 2-Chlorotoluene (T)

18.69min 22.97ug/kg m

response 503118

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.63
63.00	12.80	14.16
0.00	0.00	0.00

6.14.00

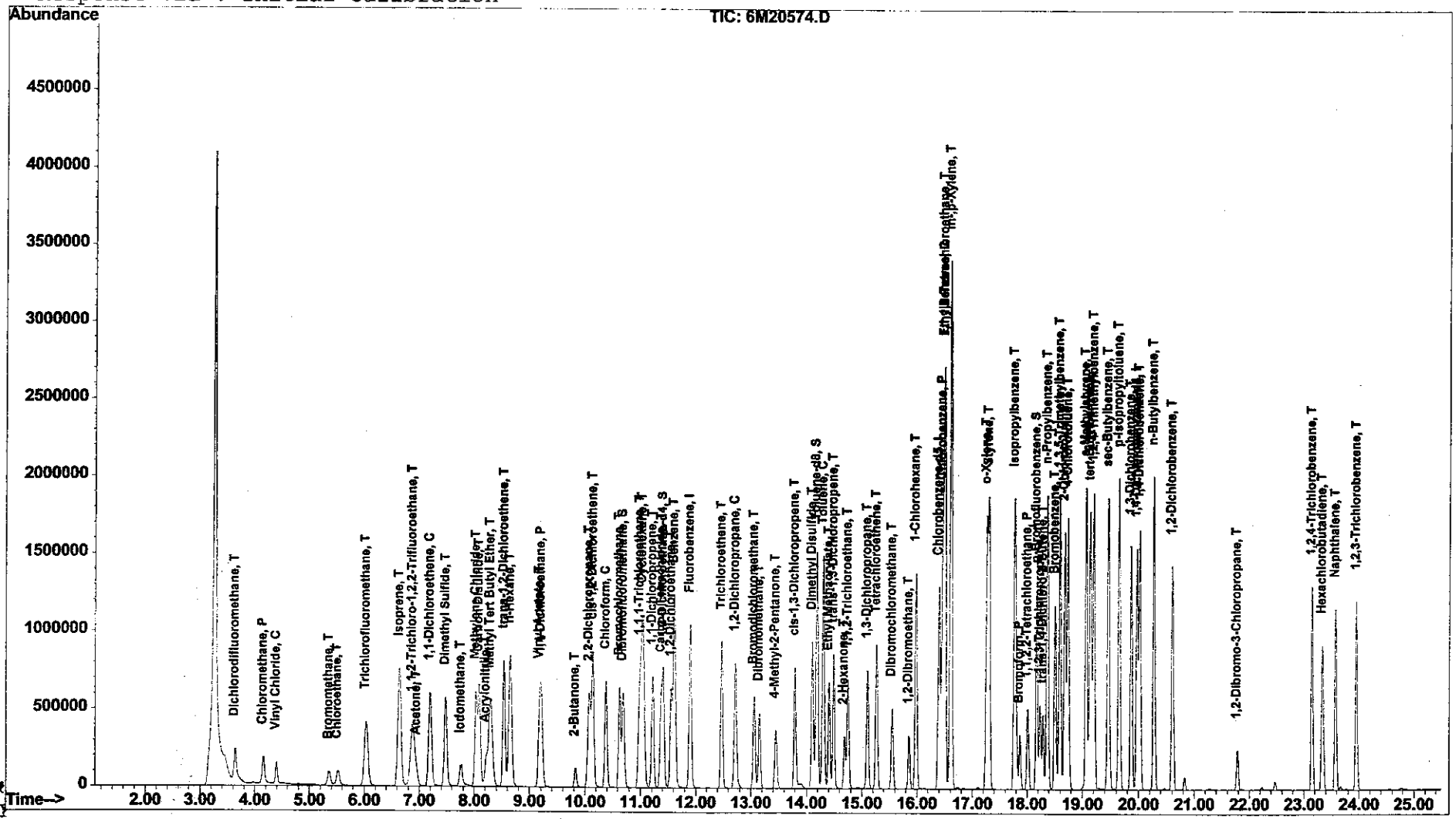
6/15/00

6M20568.D 8260PRES.M Wed Jun 14 19:50:31 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:34 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1420821	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	1041286	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	574430	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	541921	50.82	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.64%			
33) 1,2-Dichloroethane-d4	11.42	65	638723	49.89	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.78%			
45) Toluene-d8	14.19	98	1523746	49.16	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 98.32%			
66) p-Bromofluorobenzene	18.17	95	651199	50.61	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 101.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	382580	49.32	ug/Kg#	90
3) Chloromethane	4.16	50	371004	53.08	ug/kg	98
4) Vinyl Chloride	4.39	62	229360	48.95	ug/kg	100
5) Bromomethane	5.35	94	147520	53.32	ug/kg	98
6) Chloroethane	5.52	64	192040	55.31	ug/kg	98
7) Trichlorofluoromethane	6.03	101	911234	53.10	ug/kg	99
8) Isoprene	6.64	67	613278	54.79	ug/kg#	68
10) 1,1,2-Trichloro-1,2,2-Trif	6.88	101	486733	53.39	ug/Kg	95
11) Acetone	6.96	43	170681	65.49	ug/kg	94
12) 1,1-Dichloroethene	7.20	96	430947	54.86	ug/kg	82
13) Dimethyl Sulfide	7.48	62	522206	56.87	ug/kg#	1
14) Iodomethane	7.76	142	329249	59.98	ug/kg	87
15) Methylene Chloride	8.03	84	387936	56.93	ug/kg#	63
16) Carbon Disulfide	8.09	76	1451697	52.49	ug/kg	100
17) Acrylonitrile	8.21	53	208100	52.98	ug/kg	94
18) Methyl Tert Butyl Ether	8.30	73	1147143	54.69	ug/kg#	89
19) trans-1,2-Dichloroethene	8.54	96	467997	54.08	ug/kg	81
20) n-Hexane	8.64	57	842637	50.34	ug/kg	93
21) Vinyl Acetate	9.17	43	1053860	56.88	ug/kg	97
22) 1,1-Dichloroethane	9.21	63	965048	53.30	ug/kg	99
23) 2-Butanone	9.83	43	262956	49.05	ug/kg	92
24) 2,2-Dichloropropane	10.07	77	741162	54.76	ug/kg	100
25) cis-1,2-Dichloroethene	10.14	96	510211	53.59	ug/kg	82
26) Chloroform	10.38	83	825775	52.95	ug/kg	97
27) Bromochloromethane	10.63	128	229078	53.19	ug/kg	96
29) 1,1,1-Trichloroethane	10.99	97	770485	53.82	ug/kg	95
30) Cyclohexane	11.04	56	1062261	55.66	ug/kg#	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.21	75	510985	54.10 ug/kg	98
32) Carbon Tetrachloride	11.38	117	696322	55.01 ug/kg	99
34) 1,2-Dichloroethane	11.56	62	741205	51.96 ug/kg#	90
35) Benzene	11.61	78	1527813	51.59 ug/kg#	85
36) Trichloroethene	12.48	130	456473	52.68 ug/kg	97
37) 1,2-Dichloropropane	12.72	63	449275	52.68 ug/kg	95
38) Bromodichloromethane	13.06	83	553182	54.36 ug/kg	99
39) Dibromomethane	13.15	93	263444	52.56 ug/kg	97
41) 4-Methyl-2-Pentanone	13.45	58	163061	50.04 ug/kg	91
42) cis-1,3-Dichloropropene	13.80	75	571200	54.88 ug/kg	96
43) Dimethyl Disulfide	14.10	79	351647	52.32 ug/kg#	90
46) Toluene	14.30	91	1602437	51.88 ug/kg	97
47) Ethyl Methacrylate	14.41	69	453260	55.94 ug/kg	92
48) trans-1,3-Dichloropropene	14.49	75	595779	54.72 ug/kg	98
49) 1,1,2-Trichloroethane	14.75	97	313613	51.27 ug/kg	97
50) 2-Hexanone	14.68	43	348531	44.82 ug/kg#	1
51) 1,3-Dichloropropane	15.10	76	558415	51.93 ug/kg	89
52) Tetrachloroethene	15.26	164	307488	51.86 ug/kg	94
53) Dibromochloromethane	15.55	129	406469	55.26 ug/kg	100
54) 1,2-Dibromoethane	15.85	107	337100	52.31 ug/kg	100
55) 1-Chlorohexane	15.98	91	586627	56.79 ug/kg#	79
56) Chlorobenzene	16.45	112	1097278	50.95 ug/kg	91
57) 1,1,1,2-Tetrachloroethane	16.49	131	392935	53.63 ug/kg	97
58) Ethylbenzene	16.50	106	618668	52.29 ug/kg	95
59) m-,p-Xylene	16.60	106	1531764	102.63 ug/kg	96
60) o-Xylene	17.27	106	727869	51.00 ug/kg	96
61) Styrene	17.30	104	1256157	52.17 ug/kg	95
62) Bromoform	17.87	173	237003	55.25 ug/kg	100
63) Isopropylbenzene	17.77	105	1955570	52.67 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.01	83	379967	51.43 ug/kg	98
67) 1,2,3-Trichloropropane	18.24	110	129130	51.48 ug/kg#	82
68) trans-1,4-Dichloro-2-Buten	18.29	53	166612	54.93 ug/kg	85
69) n-Propylbenzene	18.37	91	2314793	54.00 ug/kg	97
70) Bromobenzene	18.51	156	477063	53.31 ug/kg	99
71) 1,3,5-Trimethylbenzene	18.59	105	1647772	53.79 ug/kg	98
72) 2-Chlorotoluene	18.68	91	1444902m	53.25 ug/kg	
73) 4-Chlorotoluene	18.74	91	1441036	52.49 ug/kg	94
74) a-Methylstyrene	19.06	118	895635	58.57 ug/kg	99
75) tert-Butylbenzene	19.14	119	1481970	53.30 ug/kg	100
76) 1,2,4-Trimethylbenzene	19.21	105	1665807	52.26 ug/kg	98
77) sec-Butylbenzene	19.46	105	2142751	54.21 ug/kg	99
78) p-Isopropyltoluene	19.65	119	1820443	53.59 ug/kg	100

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:34 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

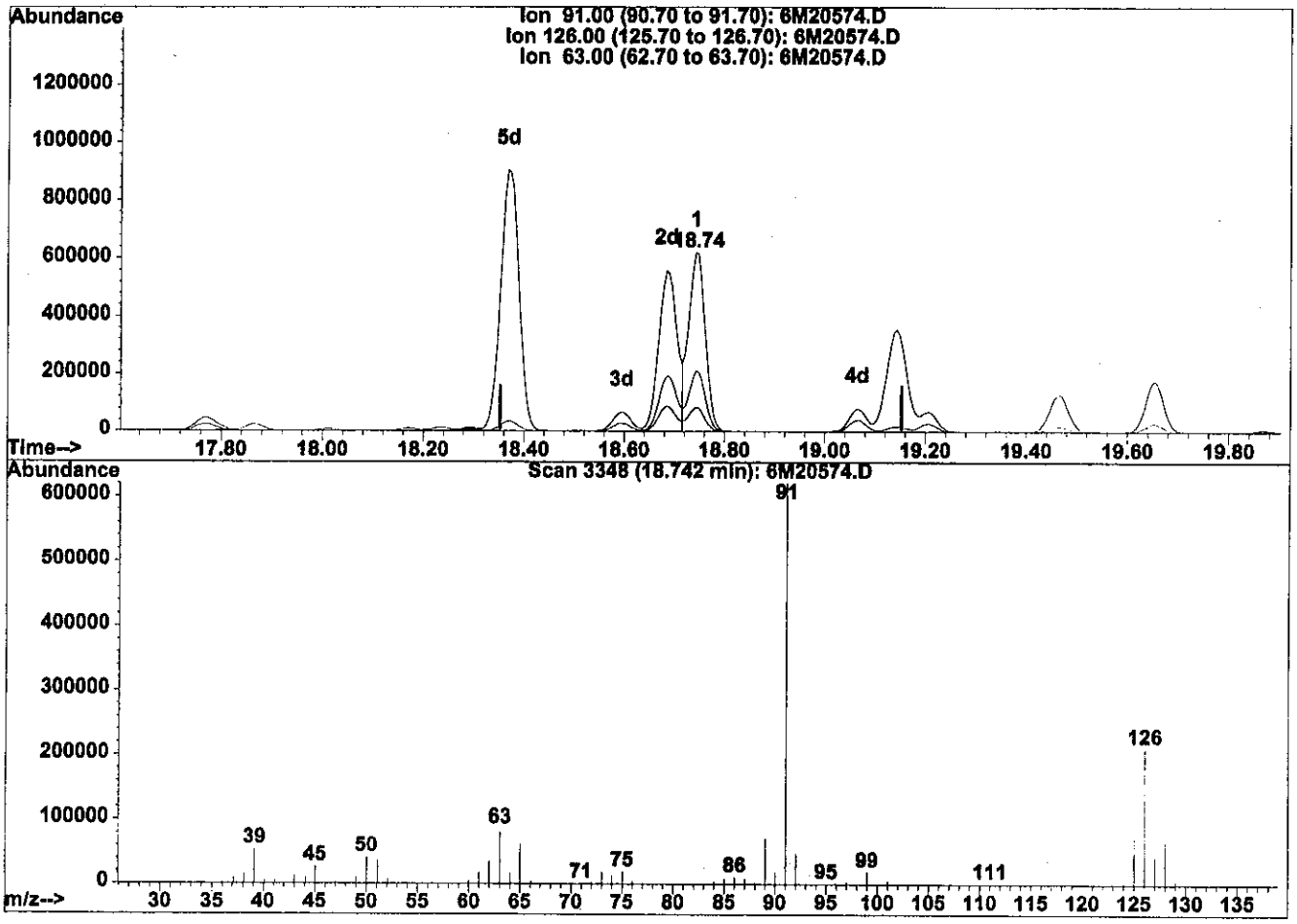
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79) 1,3-Dichlorobenzene	19.87	146	930541	51.31	ug/kg	99
80) 1,4-Dichlorobenzene	20.02	146	951198	50.58	ug/kg	99
81) n-Butylbenzene	20.28	91	1679241	51.98	ug/kg	94
82) 1,2-Dichlorobenzene	20.61	146	862420	50.65	ug/kg	100
83) 1,2-Dibromo-3-Chloropropan	21.78	157	102660	53.74	ug/kg	87
84) 1,2,4-Trichlorobenzene	23.15	180	551031	48.32	ug/kg	98
85) Hexachlorobutadiene	23.34	225	256426	49.00	ug/kg	97
86) Naphthalene	23.58	128	1300998	45.87	ug/kg	100
87) 1,2,3-Trichlorobenzene	23.95	180	517438	47.37	ug/kg	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 22:47 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 21:15:15 2000
Response via : Multiple Level Calibration



TIC: 6M20574.D

(72) 2-Chlorotoluene (T)

18.74min 58.22ug/kg

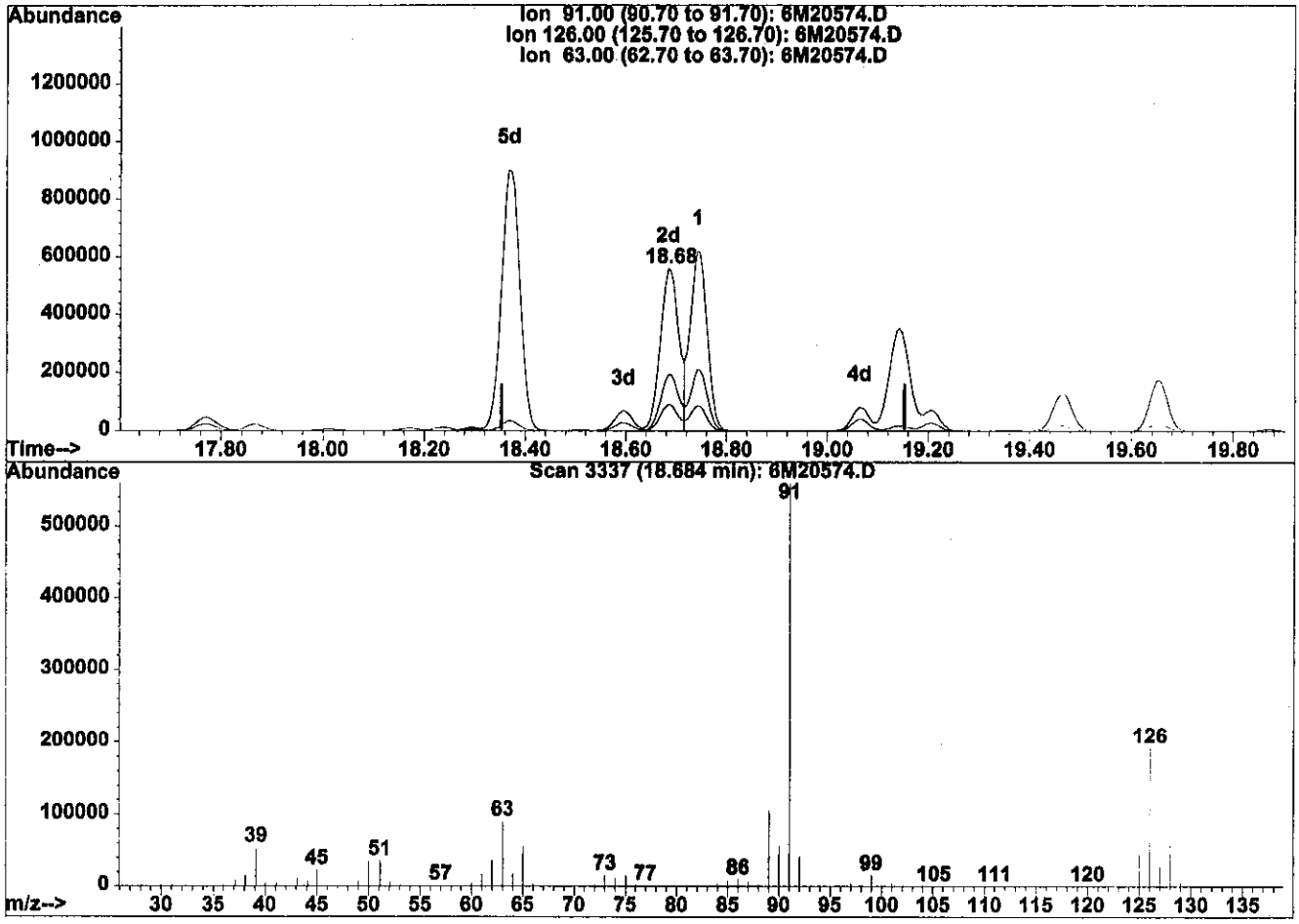
response 1441036

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.26
63.00	12.80	13.73
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20574.D Vial: 9
Acq On : 14 Jun 2000 22:21 Operator: CMS
Sample : WG78929-02 50PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 22:55 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 21:15:15 2000
Response via : Multiple Level Calibration



TIC: 6M20574.D

(72) 2-Chlorotoluene (T)

18.68min 58.37ug/kg m

response 1444902

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.17
63.00	12.80	13.69
0.00	0.00	0.00

6.14.00

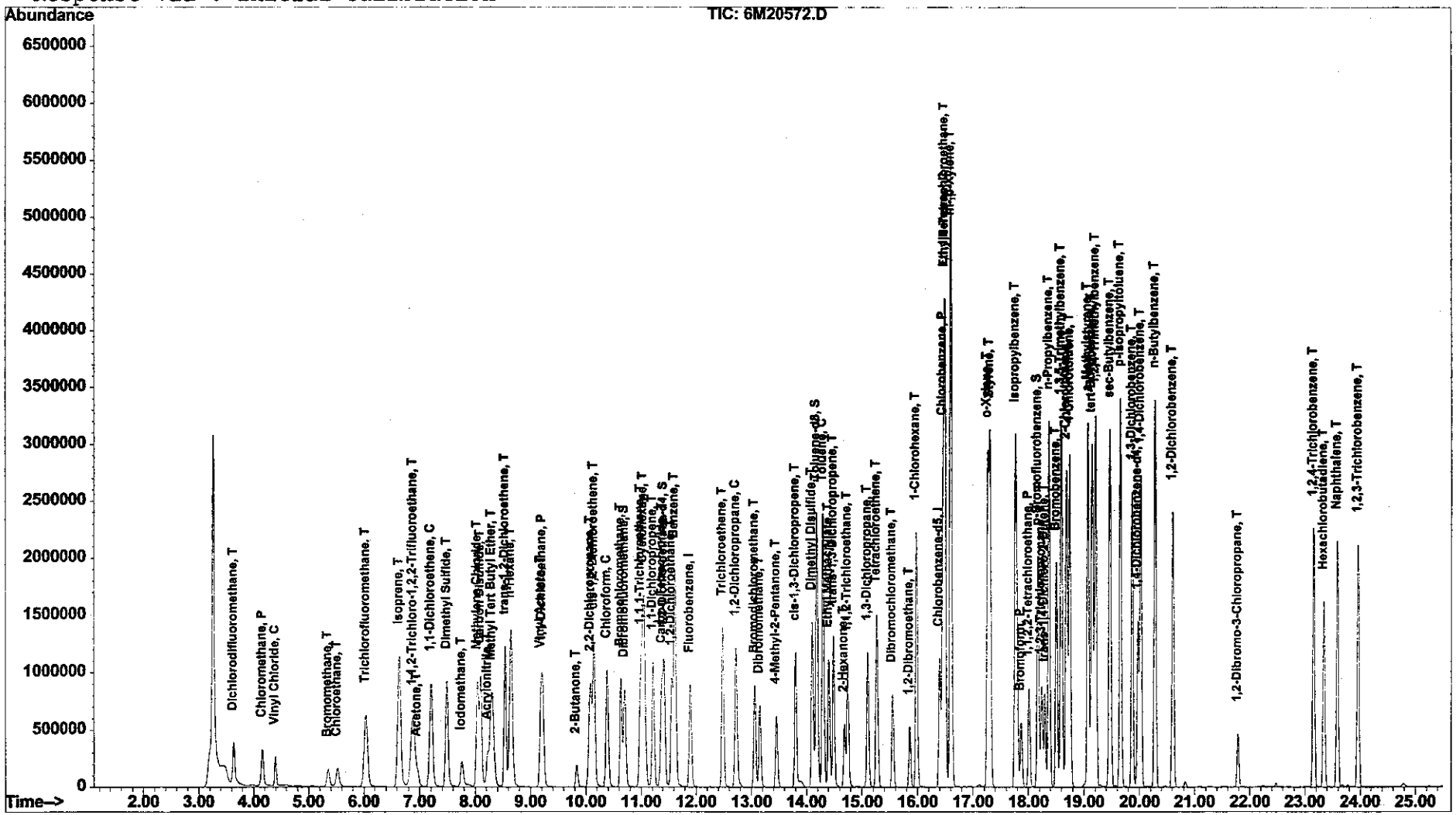
6/15/00

6M20574.D 8260PRES.M Wed Jun 14 22:57:04 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:30 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:30 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1180196	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	896445	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	532262	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	780694	88.15	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 176.30%#			
33) 1,2-Dichloroethane-d4	11.42	65	927257	87.20	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 174.40%#			
45) Toluene-d8	14.18	98	2362427	88.53	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 177.06%#			
66) p-Bromofluorobenzene	18.17	95	1036880	86.97	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 173.94%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	609485	94.59	ug/Kg#	90
3) Chloromethane	4.15	50	598871	103.15	ug/kg	97
4) Vinyl Chloride	4.39	62	348931	98.68	ug/kg	100
5) Bromomethane	5.35	94	215619	93.83	ug/kg	98
6) Chloroethane	5.51	64	297724	103.23	ug/kg	98
7) Trichlorofluoromethane	6.03	101	1344486	94.32	ug/kg	99
8) Isoprene	6.64	67	890577	95.79	ug/kg#	64
10) 1,1,2-Trichloro-1,2,2-Trif	6.88	101	721161	95.24	ug/Kg	95
11) Acetone	6.96	43	228483	105.55	ug/kg	96
12) 1,1-Dichloroethene	7.20	96	625993	95.94	ug/kg	80
13) Dimethyl Sulfide	7.49	62	775473	101.67	ug/kg#	1
14) Iodomethane	7.75	142	453687	95.14	ug/kg	96
15) Methylene Chloride	8.03	84	575106	101.61	ug/kg#	62
16) Carbon Disulfide	8.10	76	2080799	90.58	ug/kg	100
17) Acrylonitrile	8.22	53	310255	95.09	ug/kg	96
18) Methyl Tert Butyl Ether	8.30	73	1700568	97.60	ug/kg#	89
19) trans-1,2-Dichloroethene	8.54	96	685343	95.35	ug/kg	80
20) n-Hexane	8.65	57	1340830	96.44	ug/kg	93
21) Vinyl Acetate	9.18	43	1552544	100.87	ug/kg	97
22) 1,1-Dichloroethane	9.21	63	1416547	94.18	ug/kg	99
23) 2-Butanone	9.83	43	392134	88.06	ug/kg	92
24) 2,2-Dichloropropane	10.08	77	1099118	97.76	ug/kg	100
25) cis-1,2-Dichloroethene	10.15	96	750005	94.84	ug/kg	82
26) Chloroform	10.38	83	1220913	94.25	ug/kg	97
27) Bromochloromethane	10.63	128	329882	92.21	ug/kg	97
29) 1,1,1-Trichloroethane	10.99	97	1151854	96.86	ug/kg	95
30) Cyclohexane	11.05	56	1609690	101.54	ug/kg#	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:30 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.21	75	776627	98.98 ug/kg	97
32) Carbon Tetrachloride	11.38	117	1049206	99.80 ug/kg	99
34) 1,2-Dichloroethane	11.56	62	1105622	93.31 ug/kg#	90
35) Benzene	11.62	78	2339487	95.11 ug/kg#	83
36) Trichloroethene	12.48	130	688584	95.67 ug/kg	96
37) 1,2-Dichloropropane	12.72	63	674880	95.27 ug/kg	95
38) Bromodichloromethane	13.06	83	828429	98.00 ug/kg	99
39) Dibromomethane	13.15	93	391172	93.95 ug/kg	97
41) 4-Methyl-2-Pentanone	13.45	58	266565	98.49 ug/kg	91
42) cis-1,3-Dichloropropene	13.80	75	870979	100.74 ug/kg	97
43) Dimethyl Disulfide	14.10	79	552024	98.88 ug/kg#	90
46) Toluene	14.30	91	2540224	95.54 ug/kg	98
47) Ethyl Methacrylate	14.41	69	744689	106.76 ug/kg	93
48) trans-1,3-Dichloropropene	14.49	75	924219	98.60 ug/kg	98
49) 1,1,2-Trichloroethane	14.75	97	480723	91.29 ug/kg	97
50) 2-Hexanone	14.69	43	577550	86.27 ug/kg#	1
51) 1,3-Dichloropropane	15.11	76	860094	92.91 ug/kg	88
52) Tetrachloroethene	15.26	164	489200	95.84 ug/kg	94
53) Dibromochloromethane	15.55	129	637439	100.67 ug/kg	100
54) 1,2-Dibromoethane	15.86	107	523880	94.42 ug/kg	100
55) 1-Chlorohexane	15.98	91	937502	105.41 ug/kg#	77
56) Chlorobenzene	16.46	112	1721930	92.88 ug/kg	92
57) 1,1,1,2-Tetrachloroethane	16.49	131	611782	96.98 ug/kg	97
58) Ethylbenzene	16.50	106	990166	97.21 ug/kg	94
59) m-,p-Xylene	16.61	106	2486671	193.52 ug/kg	95
60) o-Xylene	17.27	106	1198429	97.53 ug/kg	96
61) Styrene	17.31	104	2073554	100.03 ug/kg	96
62) Bromoform	17.87	173	390672	105.78 ug/kg	100
63) Isopropylbenzene	17.77	105	3215184	100.60 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.02	83	633450	92.54 ug/kg	98
67) 1,2,3-Trichloropropane	18.24	110	214002	92.07 ug/kg#	81
68) trans-1,4-Dichloro-2-Buten	18.30	53	286736	102.02 ug/kg	85
69) n-Propylbenzene	18.37	91	3840816	96.70 ug/kg	97
70) Bromobenzene	18.51	156	775582	93.53 ug/kg	100
71) 1,3,5-Trimethylbenzene	18.60	105	2792271	98.38 ug/kg	98
72) 2-Chlorotoluene	18.69	91	2357164m	93.75 ug/kg	
73) 4-Chlorotoluene	18.75	91	2419116	95.09 ug/kg	94
74) a-Methylstyrene	19.07	118	1456747	102.82 ug/kg	99
75) tert-Butylbenzene	19.14	119	2475359	96.07 ug/kg	100
76) 1,2,4-Trimethylbenzene	19.21	105	2826385	95.70 ug/kg	97
77) sec-Butylbenzene	19.47	105	3557783	97.14 ug/kg	98
78) p-Isopropyltoluene	19.66	119	3092096	98.23 ug/kg	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:30 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

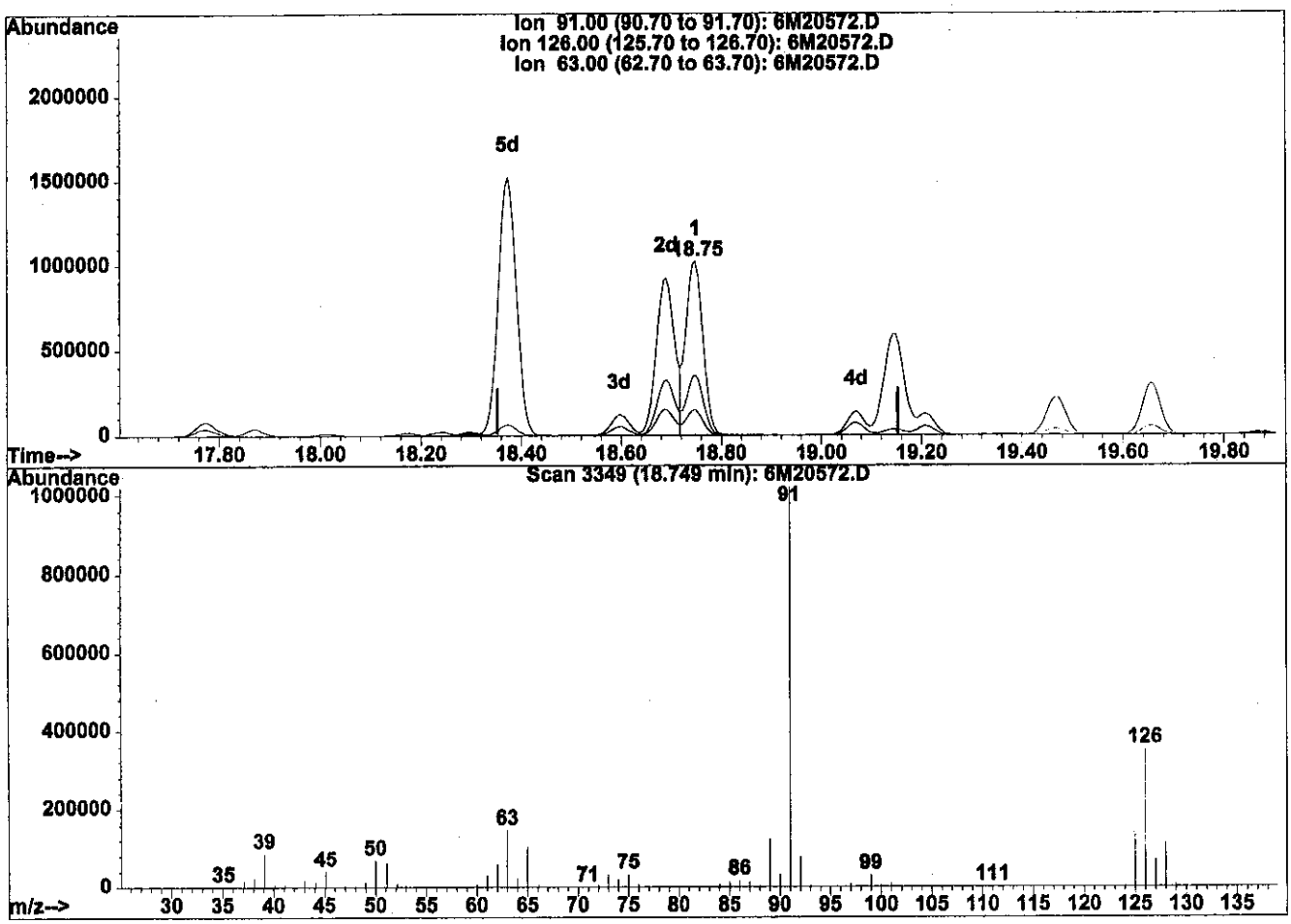
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79) 1,3-Dichlorobenzene	19.88	146	1550100	92.25	ug/kg	99
80) 1,4-Dichlorobenzene	20.03	146	1570330	90.13	ug/kg	100
81) n-Butylbenzene	20.28	91	2881284	96.25	ug/kg	95
82) 1,2-Dichlorobenzene	20.61	146	1455472	92.26	ug/kg	99
83) 1,2-Dibromo-3-Chloropropan	21.79	157	184246	104.08	ug/kg	88
84) 1,2,4-Trichlorobenzene	23.15	180	963785	91.21	ug/kg	98
85) Hexachlorobutadiene	23.34	225	448569	92.51	ug/kg	97
86) Naphthalene	23.58	128	2398714	91.28	ug/kg	100
87) 1,2,3-Trichlorobenzene	23.96	180	919556	90.85	ug/kg	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:26 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20572.D

(72) 2-Chlorotoluene (T)

18.75min 105.47ug/kg

response 2419116

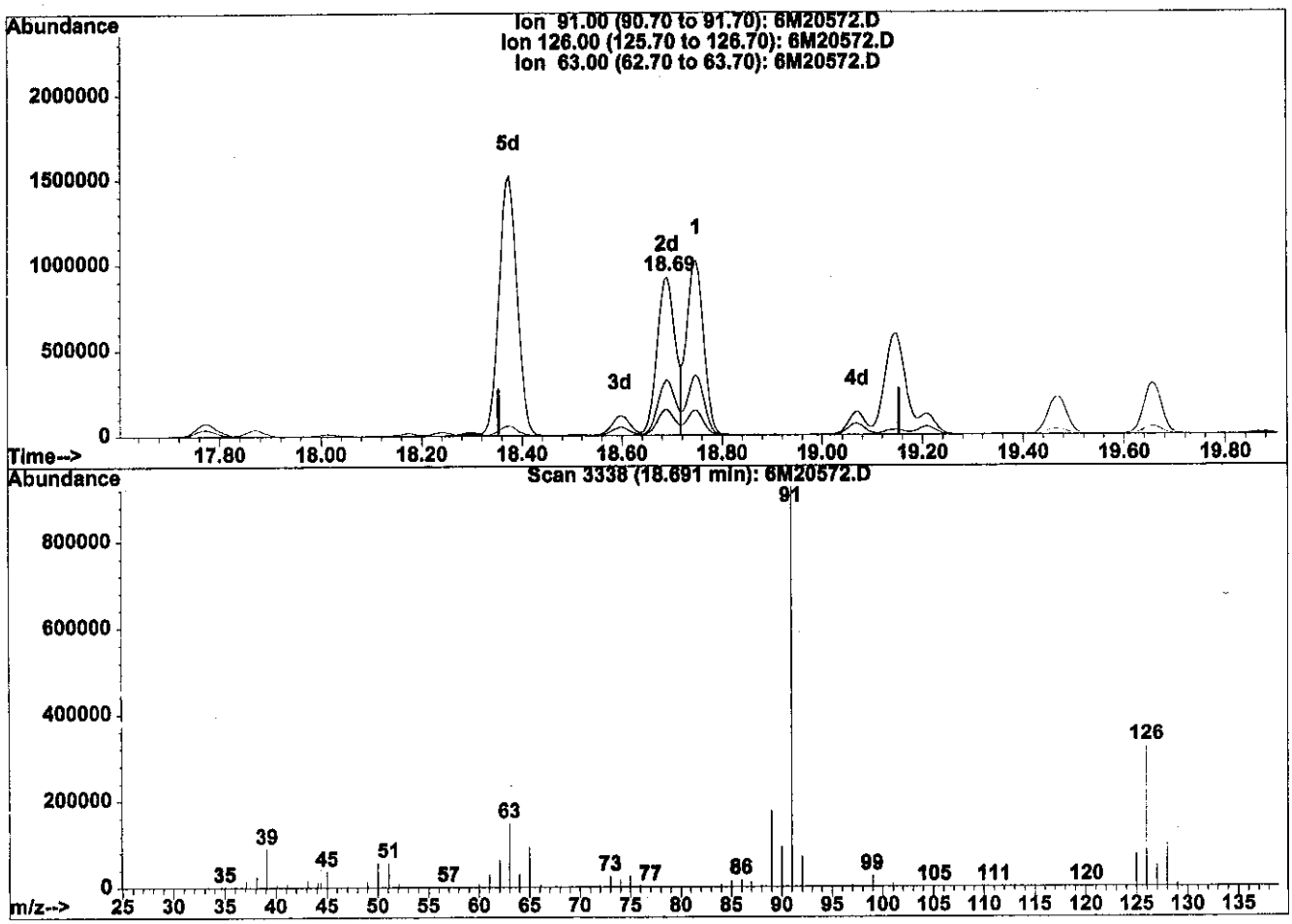
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.31
63.00	12.80	13.98
0.00	0.00	0.00

6/15/10

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20572.D Vial: 7
Acq On : 14 Jun 2000 20:00 Operator: CMS
Sample : WG78929-07 100 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:35 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20572.D

(72) 2-Chlorotoluene (T)

18.69min 102.77ug/kg m

response 2357164

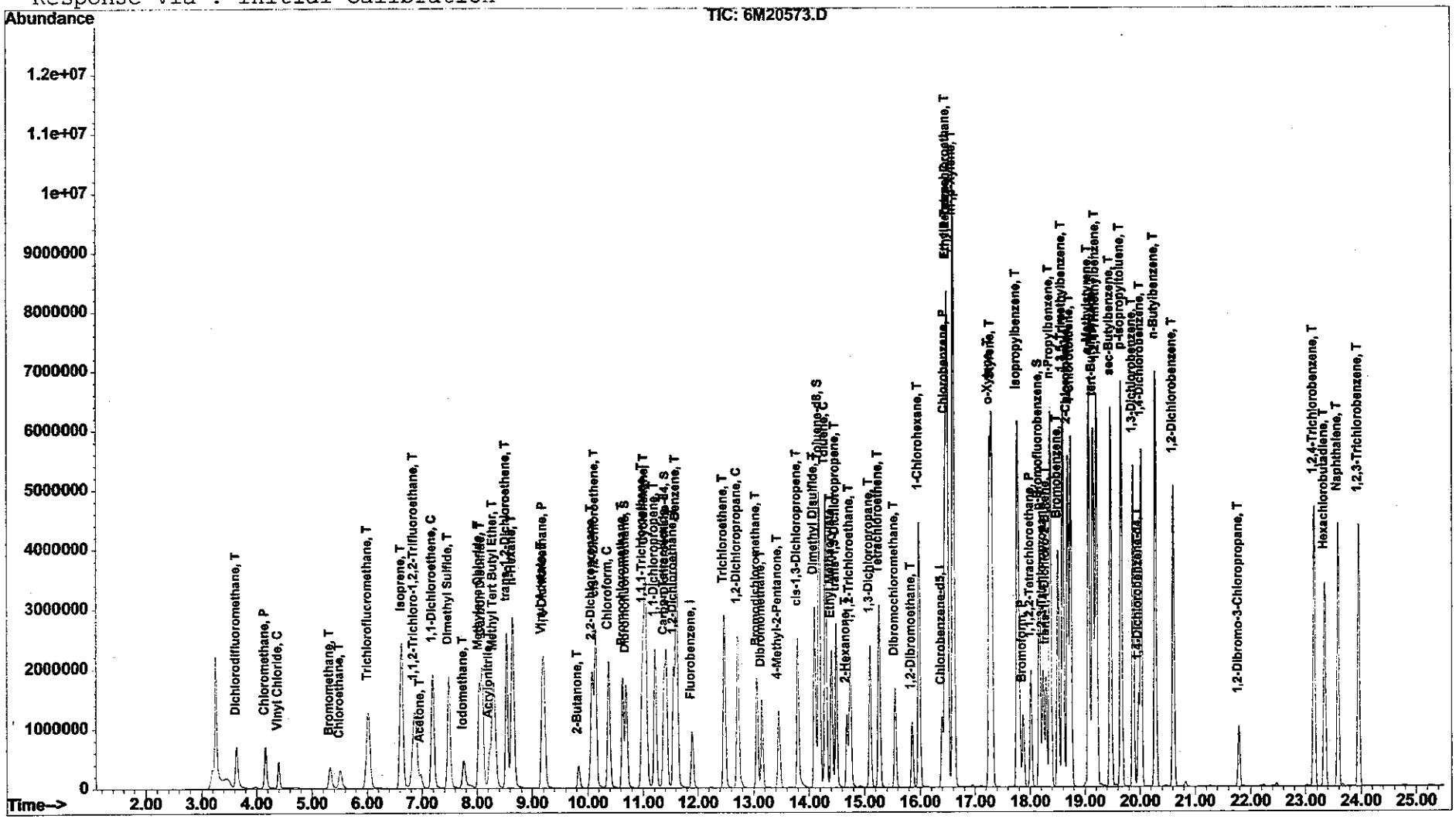
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	35.21
63.00	12.80	14.35
0.00	0.00	0.00

6M20572.D 8260PRES.M Wed Jun 14 20:35:24 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:37 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:37 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1262116	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	942001	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	578976	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	1664845	175.77	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	351.54%#		
33) 1,2-Dichloroethane-d4	11.42	65	1926787	169.44	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	338.88%#		
45) Toluene-d8	14.19	98	4916528	175.33	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery =	350.66%#		
66) p-Bromofluorobenzene	18.17	95	2177282	167.88	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery =	335.76%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.63	85	1215799	176.44	ug/Kg#	90
3) Chloromethane	4.16	50	1221441	196.74	ug/kg	98
4) Vinyl Chloride	4.39	62	602161	200.74	ug/kg	100
5) Bromomethane	5.33	94	509749	207.42	ug/kg	99
6) Chloroethane	5.51	64	605661	196.38	ug/kg	98
7) Trichlorofluoromethane	6.01	101	2710760	177.82	ug/kg	99
8) Isoprene	6.63	67	1937158	194.83	ug/kg#	66
10) 1,1,2-Trichloro-1,2,2-Trif	6.87	101	1536119	189.69	ug/Kg	95
11) Acetone	6.98	43	442953	191.35	ug/kg	96
12) 1,1-Dichloroethene	7.19	96	1331465	190.82	ug/kg	81
13) Dimethyl Sulfide	7.48	62	1616879	198.22	ug/kg#	1
14) Iodomethane	7.76	142	1157274	200.57	ug/kg#	85
15) Methylene Chloride	8.04	84	1192004	196.93	ug/kg#	65
16) Carbon Disulfide	8.09	76	4241163	172.63	ug/kg	99
17) Acrylonitrile	8.22	53	642974	184.28	ug/kg	95
18) Methyl Tert Butyl Ether	8.30	73	3680992	197.55	ug/kg#	88
19) trans-1,2-Dichloroethene	8.53	96	1466190	190.74	ug/kg	81
20) n-Hexane	8.64	57	2808541	188.89	ug/kg	92
21) Vinyl Acetate	9.18	43	3287199	199.71	ug/kg	98
22) 1,1-Dichloroethane	9.21	63	2994552	186.18	ug/kg	99
23) 2-Butanone	9.84	43	790544	166.01	ug/kg	93
24) 2,2-Dichloropropane	10.08	77	2379134	197.87	ug/kg	100
25) cis-1,2-Dichloroethene	10.14	96	1581183	186.96	ug/kg	81
26) Chloroform	10.38	83	2556078	184.51	ug/kg	97
27) Bromochloromethane	10.64	128	678161	177.27	ug/kg	95
29) 1,1,1-Trichloroethane	10.99	97	2434462	191.44	ug/kg	95
30) Cyclohexane	11.04	56	3413491	201.34	ug/kg#	82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:37 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.21	75	1650318	196.69 ug/kg	98
32) Carbon Tetrachloride	11.38	117	2238029	199.05 ug/kg	99
34) 1,2-Dichloroethane	11.56	62	2296296	181.23 ug/kg#	90
35) Benzene	11.62	78	4884279	185.68 ug/kg#	83
36) Trichloroethene	12.48	130	1468577	190.80 ug/kg	97
37) 1,2-Dichloropropane	12.72	63	1441965	190.35 ug/kg	94
38) Bromodichloromethane	13.06	83	1741493	192.64 ug/kg	99
39) Dibromomethane	13.16	93	812271	182.43 ug/kg	96
41) 4-Methyl-2-Pentanone	13.45	58	570932	197.25 ug/kg	91
42) cis-1,3-Dichloropropene	13.80	75	1845382	199.60 ug/kg	96
43) Dimethyl Disulfide	14.11	79	1196019	200.32 ug/kg#	89
46) Toluene	14.30	91	5163002	184.79 ug/kg	96
47) Ethyl Methacrylate	14.41	69	1550108	211.47 ug/kg	93
48) trans-1,3-Dichloropropene	14.50	75	1925214	195.46 ug/kg	98
49) 1,1,2-Trichloroethane	14.75	97	993249	179.51 ug/kg	97
50) 2-Hexanone	14.69	43	1279662	181.91 ug/kg#	1
51) 1,3-Dichloropropane	15.10	76	1771343	182.09 ug/kg	90
52) Tetrachloroethene	15.27	164	1014307	189.10 ug/kg	94
53) Dibromochloromethane	15.56	129	1343112	201.86 ug/kg	100
54) 1,2-Dibromoethane	15.86	107	1086882	186.43 ug/kg	100
55) 1-Chlorohexane	15.98	91	1922074	205.67 ug/kg#	78
56) Chlorobenzene	16.46	112	3488078	179.04 ug/kg	90
57) 1,1,1,2-Tetrachloroethane	16.49	131	1216527	183.53 ug/kg	97
58) Ethylbenzene	16.49	106	1968924	183.95 ug/kg	93
59) m-,p-Xylene	16.61	106	4914013	363.93 ug/kg	92
60) o-Xylene	17.26	106	2453246	190.00 ug/kg	95
61) Styrene	17.31	104	4228350	194.12 ug/kg	96
62) Bromoform	17.87	173	843707	217.40 ug/kg	100
63) Isopropylbenzene	17.77	105	6441433	191.79 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.01	83	1448085	194.48 ug/kg	99
67) 1,2,3-Trichloropropane	18.24	110	467727	185.00 ug/kg	93
68) trans-1,4-Dichloro-2-Buten	18.30	53	657358	215.02 ug/kg	87
69) n-Propylbenzene	18.37	91	7719953	178.68 ug/kg	95
70) Bromobenzene	18.51	156	1614681	179.02 ug/kg	99
71) 1,3,5-Trimethylbenzene	18.60	105	5693813	184.42 ug/kg	97
72) 2-Chlorotoluene	18.69	91	4912312m	179.62 ug/kg	
73) 4-Chlorotoluene	18.75	91	4820710	174.20 ug/kg	93
74) a-Methylstyrene	19.07	118	3180198	206.35 ug/kg	98
75) tert-Butylbenzene	19.15	119	5115624	182.53 ug/kg	100
76) 1,2,4-Trimethylbenzene	19.21	105	5784516	180.05 ug/kg	97
77) sec-Butylbenzene	19.47	105	7240552	181.74 ug/kg	97
78) p-Isopropyltoluene	19.66	119	6351592	185.51 ug/kg	100

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 14 23:37 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

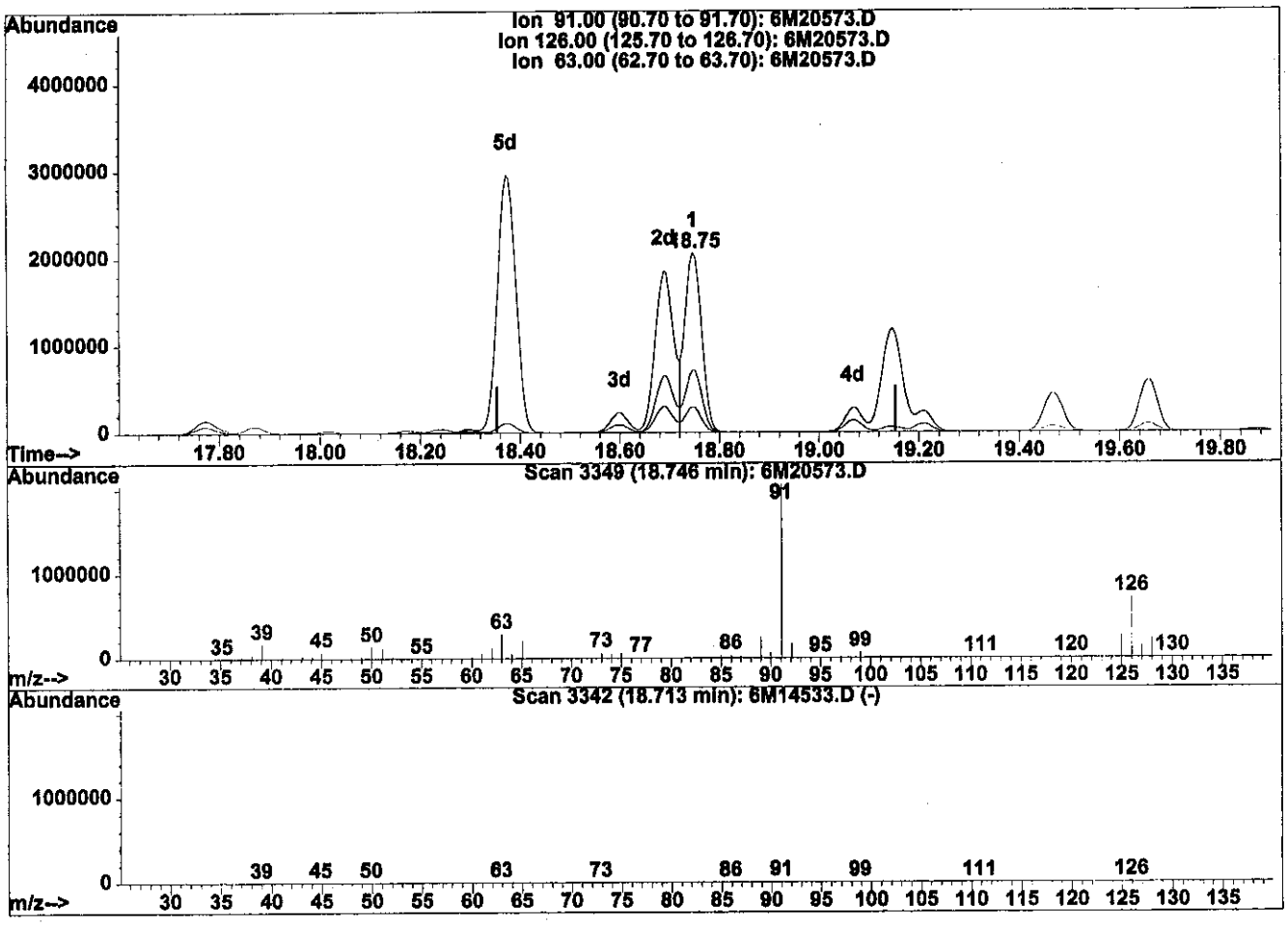
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
79) 1,3-Dichlorobenzene	19.87	146	3243751	177.46 ug/kg	98
80) 1,4-Dichlorobenzene	20.03	146	3317856	175.06 ug/kg	100
81) n-Butylbenzene	20.28	91	5917365	181.72 ug/kg	94
82) 1,2-Dichlorobenzene	20.61	146	3099349	180.61 ug/kg	98
83) 1,2-Dibromo-3-Chloropropan	21.79	157	417455	216.79 ug/kg	87
84) 1,2,4-Trichlorobenzene	23.15	180	2060860	179.30 ug/kg	98
85) Hexachlorobutadiene	23.34	225	966861	183.31 ug/kg	96
86) Naphthalene	23.59	128	5068935	177.33 ug/kg	100
87) 1,2,3-Trichlorobenzene	23.96	180	1931143	175.40 ug/kg	98

(#) = qualifier out of range (m) = manual integration
6M20573.D 8260PRES.M Wed Jun 14 23:38:51 2000 Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 20:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20573.D

(72) 2-Chlorotoluene (T)

18.75min 193.22ug/kg

response 4820710

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.90
63.00	12.80	14.05
0.00	0.00	0.00

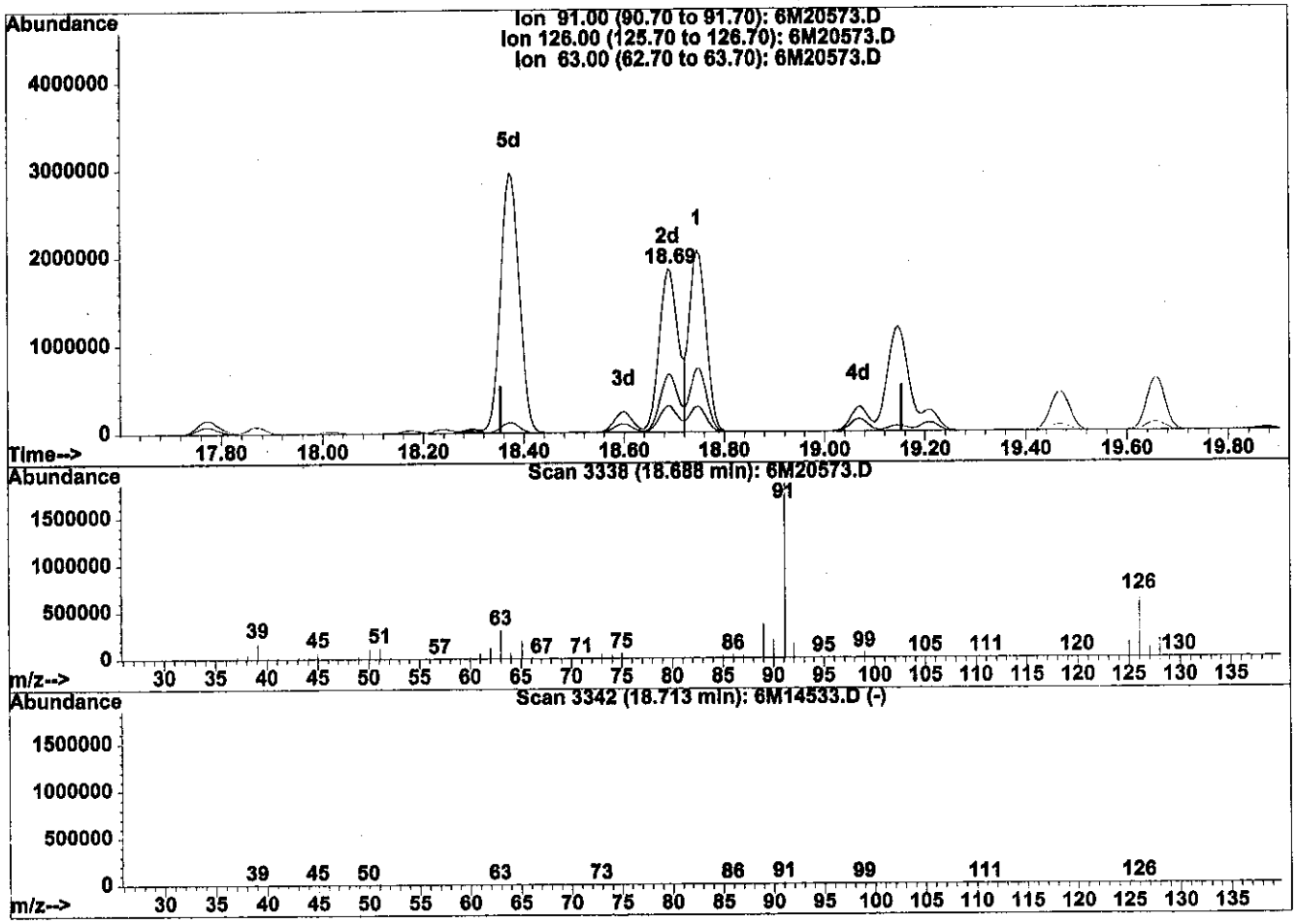
CMS 6/15/00

6M20573.D 8260PRES.M Wed Jun 14 21:11:15 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20573.D Vial: 8
Acq On : 14 Jun 2000 20:33 Operator: CMS
Sample : WG78929-08 200 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 14 21:11 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Tue May 09 16:53:07 2000
Response via : Multiple Level Calibration



TIC: 6M20573.D

(72) 2-Chlorotoluene (T)

18.69min 197.33ug/kg m

response 4923152

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.17
63.00	12.80	13.76
0.00	0.00	0.00

RH 6.14.00

6M20573.D 8260PRES.M Wed Jun 14 21:11:44 2000

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
MS Integration Params: rteint.p

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	121	-0.01
2	T	Dichlorodifluoromethane	20.000	20.569	-2.8	114	0.00
3	P	Chloromethane	20.000	23.182	-15.9	105	0.00
4	C	Vinyl Chloride	20.000	19.683	1.6	104	-0.02
5	T	Bromomethane	20.000	21.067	-5.3	134	0.00
6	T	Chloroethane	20.000	21.776	-8.9	106	0.00
7	T	Trichlorofluoromethane	20.000	20.870	-4.4	115	-0.02
8	T	Isoprene	20.000	0.000	100.0#	0	-6.65#
9	T	Acrolein	-1.000	0.000	0.0	0	-6.85#
10	T	1,1,2-Trichloro-1,2,2-Trifl	20.000	0.044	99.8#	0	0.00
11	T	Acetone	20.000	27.666	-38.3#	103	-0.01
12	C	1,1-Dichloroethene	20.000	22.562	-12.8	125	0.00
13	T	Dimethyl Sulfide	20.000	2.927	85.4#	17	-0.29
14	T	Iodomethane	20.000	30.737	-53.7#	247	0.00
15	T	Methylene Chloride	20.000	24.788	-23.9#	128	0.00
16	T	Carbon Disulfide	20.000	18.614	6.9	109	-0.01
17	T	Acrylonitrile	20.000	1.768	91.2#	10	0.07
18	T	Methyl Tert Butyl Ether	20.000	20.610	-3.0	119	-0.01
19	T	trans-1,2-Dichloroethene	20.000	22.801	-14.0	129	0.00
20	T	n-Hexane	20.000	20.452	-2.3	119	0.00
21	T	Vinyl Acetate	20.000	13.125	34.4#	73	-0.01
22	P	1,1-Dichloroethane	20.000	21.405	-7.0	122	-0.01
23	T	2-Butanone	20.000	20.865	-4.3	120	0.00
24	T	2,2-Dichloropropane	20.000	21.869	-9.3	124	0.00
25	T	cis-1,2-Dichloroethene	20.000	21.001	-5.0	120	0.00
26	C	Chloroform	20.000	21.900	-9.5	125	0.00
27	T	Bromochloromethane	20.000	21.437	-7.2	123	0.00
28	S	Dibromofluoromethane	20.000	49.157	-145.8#	293	0.00
29	T	1,1,1-Trichloroethane	20.000	21.663	-8.3	123	0.00
30	T	Cyclohexane	20.000	0.057	99.7#	0	0.00
31	T	1,1-Dichloropropene	20.000	25.308	-26.5#	143	-0.01
32	T	Carbon Tetrachloride	20.000	21.889	-9.4	124	0.00
33	S	1,2-Dichloroethane-d4	20.000	47.976	-139.9#	287	0.00
34	T	1,2-Dichloroethane	20.000	20.720	-3.6	120	0.00
35	T	Benzene	20.000	20.468	-2.3	120	0.00
36	T	Trichloroethene	20.000	21.447	-7.2	124	0.00
37	C	1,2-Dichloropropane	20.000	20.747	-3.7	120	0.00
38	T	Bromodichloromethane	20.000	22.445	-12.2	129	0.00
39	T	Dibromomethane	20.000	20.913	-4.6	121	-0.01
40	T	2-Chloroethyl Vinyl Ether	-1.000	0.000	0.0	140	0.00
41	T	4-Methyl-2-Pentanone	20.000	19.217	3.9	107	0.00
42	T	cis-1,3-Dichloropropene	20.000	23.825	-19.1	134	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
MS Integration Params: rteint.p

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
43	T	Dimethyl Disulfide	20.000	0.014	99.9#	0	0.07
44	I	Chlorobenzene-d5	50.000	50.000	0.0	112	0.00
45	S	Toluene-d8	20.000	49.386	-146.9#	271	0.00
46	C	Toluene	20.000	21.373	-6.9	115	0.00
47	T	Ethyl Methacrylate	20.000	0.501	97.5#	3	-0.23
48	T	trans-1,3-Dichloropropene	20.000	22.188	-10.9	116	0.00
49	T	1,1,2-Trichloroethane	20.000	22.076	-10.4	118	0.00
50	T	2-Hexanone	20.000	18.916	5.4	102	0.00
51	T	1,3-Dichloropropane	20.000	21.935	-9.7	117	0.00
52	T	Tetrachloroethene	20.000	21.967	-9.8	115	0.00
53	T	Dibromochloromethane	20.000	22.193	-11.0	116	0.00
54	T	1,2-Dibromoethane	20.000	21.504	-7.5	113	0.00
55	T	1-Chlorohexane	20.000	22.509	-12.5	113	0.00
56	P	Chlorobenzene	20.000	20.617	-3.1	111	0.00
57	T	1,1,1,2-Tetrachloroethane	20.000	22.722	-13.6	118	0.00
58	C	Ethylbenzene	20.000	20.816	-4.1	111	0.00
59	T	m-,p-Xylene	40.000	40.990	-2.5	108	0.00
60	T	o-Xylene	20.000	20.481	-2.4	108	0.00
61	T	Styrene	20.000	20.453	-2.3	107	0.00
62	P	Bromoform	20.000	19.509	2.5	101	0.00
63	T	Isopropylbenzene	20.000	20.114	-0.6	103	0.00
64	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	104	0.00
65	P	1,1,2,2-Tetrachloroethane	20.000	20.907	-4.5	106	0.00
66	S	p-Bromofluorobenzene	20.000	51.194	-156.0#	267	0.00
67	T	1,2,3-Trichloropropane	20.000	20.813	-4.1	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	20.000	1.976	90.1#	10	0.07
69	T	n-Propylbenzene	20.000	22.254	-11.3	107	0.00
70	T	Bromobenzene	20.000	21.410	-7.1	108	0.00
71	T	1,3,5-Trimethylbenzene	20.000	21.611	-8.1	104	0.00
72	T	2-Chlorotoluene	20.000	21.043	-5.2	105	0.00
73	T	4-Chlorotoluene	20.000	21.609	-8.0	107	0.00
74	T	a-Methylstyrene	20.000	0.156	99.2#	1	0.00
75	T	tert-Butylbenzene	20.000	20.969	-4.8	102	0.00
76	T	1,2,4-Trimethylbenzene	20.000	21.382	-6.9	104	0.00
77	T	sec-Butylbenzene	20.000	20.812	-4.1	99	0.00
78	T	p-Isopropyltoluene	20.000	20.755	-3.8	99	-0.01
79	T	1,3-Dichlorobenzene	20.000	20.693	-3.5	105	0.00
80	T	1,4-Dichlorobenzene	20.000	20.321	-1.6	104	0.00
81	T	n-Butylbenzene	20.000	21.392	-7.0	102	0.00
82	T	1,2-Dichlorobenzene	20.000	20.292	-1.5	103	0.00
83	T	1,2-Dibromo-3-Chloropropane	20.000	18.658	6.7	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
MS Integration Params: rteint.p

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	T	1,2,4-Trichlorobenzene	20.000	20.370	-1.9	102	0.00
85	T	Hexachlorobutadiene	20.000	19.892	0.5	96	0.00
86	T	Naphthalene	20.000	18.843	5.8	92	-0.01
87	T	1,2,3-Trichlorobenzene	20.000	19.463	2.7	96	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
MS Integration Params: rteint.p

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	121	-0.01
2	T	Dichlorodifluoromethane	0.273	0.281	-2.9	114	0.00
3	P	Chloromethane	0.316	0.285	9.8	105	0.00
4	C	Vinyl Chloride	0.186	0.171	8.1	104	-0.02
5	T	Bromomethane	0.097	0.103	-6.2	134	0.00
6	T	Chloroethane	0.149	0.133	10.7	106	0.00
7	T	Trichlorofluoromethane	0.604	0.630	-4.3	115	-0.02
8	T	Isoprene	0.394	0.000	100.0#	0#	-6.65#
9	T	Acrolein	0.000	0.000	0.0	0#	-6.85#
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.321	0.001	99.7#	0#	0.00
11	T	Acetone	0.150	0.127	15.3	103	-0.01
12	C	1,1-Dichloroethene	0.276	0.312	-13.0	125	0.00
13	T	Dimethyl Sulfide	0.323	0.047	85.4#	17#	-0.29
14	T	Iodomethane	0.162	0.286	-76.5#	247#	0.00
15	T	Methylene Chloride	0.308	0.297	3.6	128	0.00
16	T	Carbon Disulfide	0.973	0.906	6.9	109	-0.01
17	T	Acrylonitrile	0.138	0.012	91.3#	10#	0.07
18	T	Methyl Tert Butyl Ether	0.738	0.761	-3.1	119	-0.01
19	T	trans-1,2-Dichloroethene	0.305	0.347	-13.8	129	0.00
20	T	n-Hexane	0.589	0.602	-2.2	119	0.00
21	T	Vinyl Acetate	0.652	0.428	34.4#	73	-0.01
22	P	1,1-Dichloroethane	0.637	0.682	-7.1	122	-0.01
23	T	2-Butanone	0.189	0.197	-4.2	120	0.00
24	T	2,2-Dichloropropane	0.476	0.521	-9.5	124	0.00
25	T	cis-1,2-Dichloroethene	0.335	0.352	-5.1	120	0.00
26	C	Chloroform	0.549	0.601	-9.5	125	0.00
27	T	Bromochloromethane	0.152	0.162	-6.6	123	0.00
28	S	Dibromofluoromethane	0.375	0.922	-145.9#	293#	0.00
29	T	1,1,1-Trichloroethane	0.504	0.546	-8.3	123	0.00
30	T	Cyclohexane	0.672	0.002	99.7#	0#	0.00
31	T	1,1-Dichloropropene	0.332	0.421	-26.8#	143	-0.01
32	T	Carbon Tetrachloride	0.445	0.487	-9.4	124	0.00
33	S	1,2-Dichloroethane-d4	0.450	1.081	-140.2#	287#	0.00
34	T	1,2-Dichloroethane	0.502	0.520	-3.6	120	0.00
35	T	Benzene	1.042	1.066	-2.3	120	0.00
36	T	Trichloroethene	0.305	0.327	-7.2	124	0.00
37	C	1,2-Dichloropropane	0.300	0.311	-3.7	120	0.00
38	T	Bromodichloromethane	0.358	0.402	-12.3	129	0.00
39	T	Dibromomethane	0.176	0.184	-4.5	121	-0.01
40	T	2-Chloroethyl Vinyl Ether	0.000	0.000	0.0	140	0.00
41	T	4-Methyl-2-Pentanone	0.115	0.110	4.3	107	0.00
42	T	cis-1,3-Dichloropropene	0.366	0.436	-19.1	134	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
MS Integration Params: rteint.p

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	T	Dimethyl Disulfide	0.208	0.000	100.0#	0#	0.07
44	I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
45	S	Toluene-d8	1.488	3.675	-147.0#	271#	0.00
46	C	Toluene	1.483	1.585	-6.9	115	0.00
47	T	Ethyl Methacrylate	0.389	0.010	97.4#	3#	-0.23
48	T	trans-1,3-Dichloropropene	0.523	0.580	-10.9	116	0.00
49	T	1,1,2-Trichloroethane	0.294	0.324	-10.2	118	0.00
50	T	2-Hexanone	0.373	0.353	5.4	102	0.00
51	T	1,3-Dichloropropane	0.516	0.566	-9.7	117	0.00
52	T	Tetrachloroethene	0.285	0.313	-9.8	115	0.00
53	T	Dibromochloromethane	0.353	0.392	-11.0	116	0.00
54	T	1,2-Dibromoethane	0.309	0.333	-7.8	113	0.00
55	T	1-Chlorohexane	0.496	0.558	-12.5	113	0.00
56	P	Chlorobenzene	1.034	1.066	-3.1	111	0.00
57	T	1,1,1,2-Tetrachloroethane	0.352	0.400	-13.6	118	0.00
58	C	Ethylbenzene	0.568	0.591	-4.0	111	0.00
59	T	m-,p-Xylene	0.717	0.734	-2.4	108	0.00
60	T	o-Xylene	0.685	0.702	-2.5	108	0.00
61	T	Styrene	1.156	1.182	-2.2	107	0.00
62	P	Bromoform	0.206	0.201	2.4	101	0.00
63	T	Isopropylbenzene	1.783	1.793	-0.6	103	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
65	P	1,1,2,2-Tetrachloroethane	0.643	0.672	-4.5	106	0.00
66	S	p-Bromofluorobenzene	1.120	2.867	-156.0#	267#	0.00
67	T	1,2,3-Trichloropropane	0.218	0.227	-4.1	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.264	0.026	90.2#	10#	0.07
69	T	n-Propylbenzene	3.731	4.152	-11.3	107	0.00
70	T	Bromobenzene	0.779	0.834	-7.1	108	0.00
71	T	1,3,5-Trimethylbenzene	2.666	2.881	-8.1	104	0.00
72	T	2-Chlorotoluene	2.362	2.485	-5.2	105	0.00
73	T	4-Chlorotoluene	2.390	2.582	-8.0	107	0.00
74	T	a-Methylstyrene	1.331	0.010	99.2#	1#	0.00
75	T	tert-Butylbenzene	2.420	2.538	-4.9	102	0.00
76	T	1,2,4-Trimethylbenzene	2.774	2.966	-6.9	104	0.00
77	T	sec-Butylbenzene	3.441	3.580	-4.0	99	0.00
78	T	p-Isopropyltoluene	2.957	3.069	-3.8	99	-0.01
79	T	1,3-Dichlorobenzene	1.579	1.633	-3.4	105	0.00
80	T	1,4-Dichlorobenzene	1.637	1.663	-1.6	104	0.00
81	T	n-Butylbenzene	2.812	3.008	-7.0	102	0.00
82	T	1,2-Dichlorobenzene	1.482	1.504	-1.5	103	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.166	0.155	6.6	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

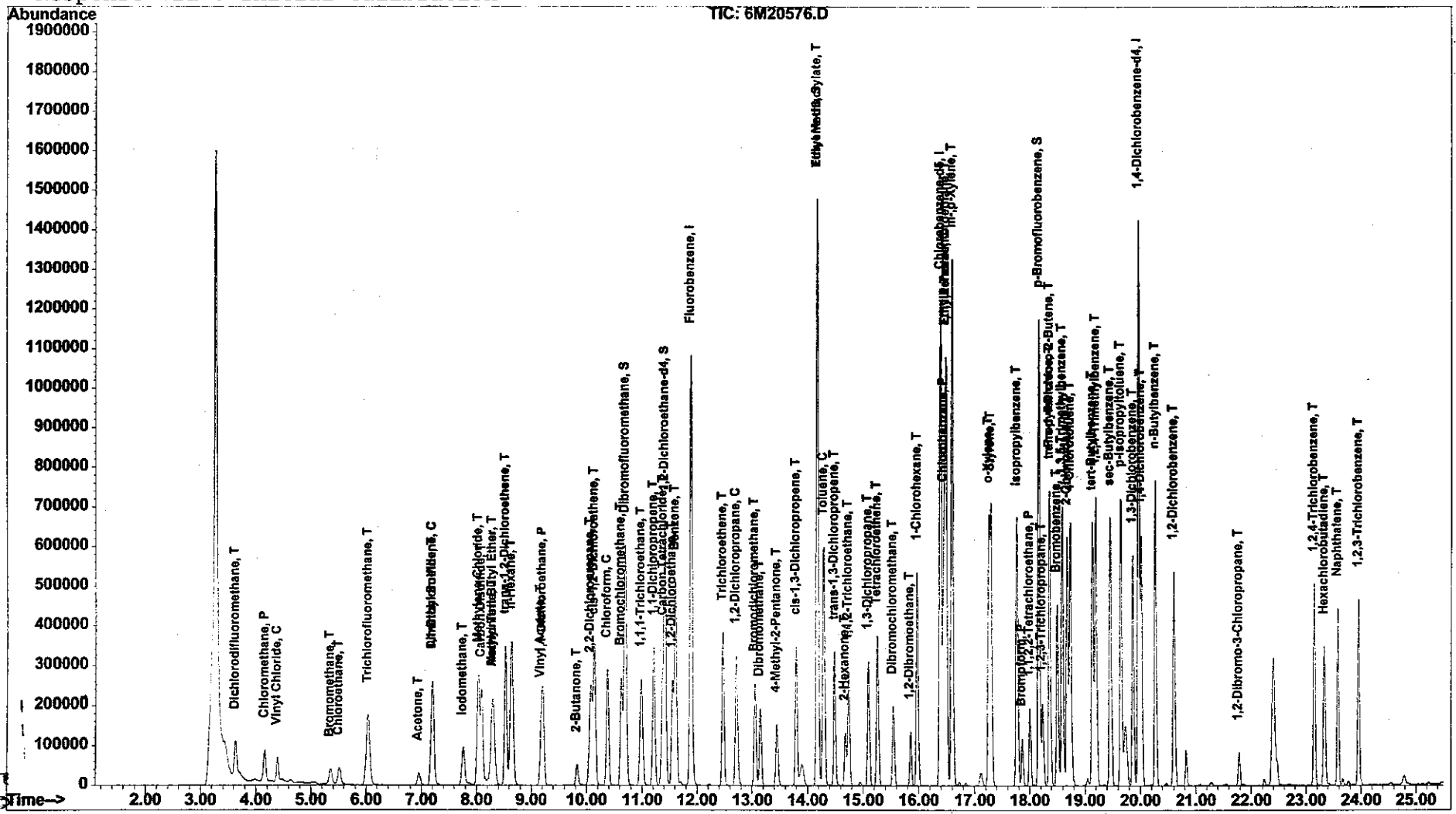
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	T	1,2,4-Trichlorobenzene	0.993	1.011	-1.8	102	0.00
85	T	Hexachlorobutadiene	0.456	0.453	0.7	96	0.00
86	T	Naphthalene	2.469	2.326	5.8	92	-0.01
87	T	1,2,3-Trichlorobenzene	0.951	0.925	2.7	96	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 8:20 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 8:20 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1453690	50.00	ug/Kg	-0.01
44) Chlorobenzene-d5	16.40	117	985963	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.97	152	531033	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	536259	49.16	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.32%			
33) 1,2-Dichloroethane-d4	11.42	65	628366	47.98	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.96%			
45) Toluene-d8	14.18	98	1449467	49.39	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 98.78%			
66) p-Bromofluorobenzene	18.17	95	608959	51.19	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 102.38%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	163250	20.57	ug/Kg#	89
3) Chloromethane	4.16	50	165773	23.18	ug/kg	97
4) Vinyl Chloride	4.39	62	99446	19.68	ug/kg	100
5) Bromomethane	5.36	94	59631	21.07	ug/kg	99
6) Chloroethane	5.51	64	77355	21.78	ug/kg	98
7) Trichlorofluoromethane	6.03	101	366437	20.87	ug/kg	99
11) Acetone	6.95	43	73766	27.67	ug/kg#	89
12) 1,1-Dichloroethene	7.20	96	181326	22.56	ug/kg	82
13) Dimethyl Sulfide	7.20	62	27496	2.93	ug/kg#	1
14) Iodomethane	7.76	142	166054	30.74	ug/kg	89
15) Methylene Chloride	8.04	84	172812	24.79	ug/kg#	63
16) Carbon Disulfide	8.09	76	526728	18.61	ug/kg	100
17) Acrylonitrile	8.29	53	7104	1.77	ug/kg#	14
18) Methyl Tert Butyl Ether	8.29	73	442324	20.61	ug/kg#	89
19) trans-1,2-Dichloroethene	8.54	96	201867	22.80	ug/kg	82
20) n-Hexane	8.65	57	350241	20.45	ug/kg	94
21) Vinyl Acetate	9.17	43	248832	13.13	ug/kg	97
22) 1,1-Dichloroethane	9.21	63	396540	21.41	ug/kg	99
23) 2-Butanone	9.83	43	114440	20.86	ug/kg#	91
24) 2,2-Dichloropropane	10.08	77	302853	21.87	ug/kg	100
25) cis-1,2-Dichloroethene	10.14	96	204570	21.00	ug/kg	82
26) Chloroform	10.38	83	349435	21.90	ug/kg	97
27) Bromochloromethane	10.63	128	94459	21.44	ug/kg	96
29) 1,1,1-Trichloroethane	10.99	97	317301	21.66	ug/kg	94
31) 1,1-Dichloropropene	11.21	75	244581	25.31	ug/kg	98
32) Carbon Tetrachloride	11.38	117	283459	21.89	ug/kg	99
34) 1,2-Dichloroethane	11.56	62	302393	20.72	ug/kg#	90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 8:20 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Benzene	11.62	78	620125	20.47	ug/kg#	85
36) Trichloroethene	12.48	130	190134	21.45	ug/kg	97
37) 1,2-Dichloropropane	12.72	63	181021	20.75	ug/kg	95
38) Bromodichloromethane	13.06	83	233702	22.44	ug/kg	100
39) Dibromomethane	13.15	93	107248	20.91	ug/kg	99
41) 4-Methyl-2-Pentanone	13.45	58	64065	19.22	ug/kg	92
42) cis-1,3-Dichloropropene	13.80	75	253711	23.83	ug/kg	96
46) Toluene	14.30	91	625038	21.37	ug/kg	98
47) Ethyl Methacrylate	14.18	69	3847	0.50	ug/kg#	1
48) trans-1,3-Dichloropropene	14.49	75	228753	22.19	ug/kg	98
49) 1,1,2-Trichloroethane	14.74	97	127854	22.08	ug/kg	97
50) 2-Hexanone	14.68	43	139278	18.92	ug/kg#	1
51) 1,3-Dichloropropane	15.10	76	223344	21.94	ug/kg	89
52) Tetrachloroethene	15.26	164	123326	21.97	ug/kg	95
53) Dibromochloromethane	15.55	129	154560	22.19	ug/kg	100
54) 1,2-Dibromoethane	15.85	107	131221	21.50	ug/kg	100
55) 1-Chlorohexane	15.98	91	220178	22.51	ug/kg#	77
56) Chlorobenzene	16.45	112	420408	20.62	ug/kg	93
57) 1,1,1,2-Tetrachloroethane	16.49	131	157644	22.72	ug/kg	98
58) Ethylbenzene	16.49	106	233197	20.82	ug/kg	96
59) m-,p-Xylene	16.60	106	579289	40.99	ug/kg	96
60) o-Xylene	17.26	106	276788	20.48	ug/kg	96
61) Styrene	17.30	104	466309	20.45	ug/kg	95
62) Bromoform	17.87	173	79245	19.51	ug/kg	99
63) Isopropylbenzene	17.77	105	707071	20.11	ug/kg	100
65) 1,1,2,2-Tetrachloroethane	18.01	83	142780	20.91	ug/kg	99
67) 1,2,3-Trichloropropane	18.24	110	48262	20.81	ug/kg#	83
68) trans-1,4-Dichloro-2-Buten	18.36	53	5541	1.98	ug/kg#	1
69) n-Propylbenzene	18.37	91	881865	22.25	ug/kg	97
70) Bromobenzene	18.51	156	177119	21.41	ug/kg	98
71) 1,3,5-Trimethylbenzene	18.60	105	611998	21.61	ug/kg	98
72) 2-Chlorotoluene	18.69	91	527840m	21.04	ug/kg	
73) 4-Chlorotoluene	18.74	91	548471	21.61	ug/kg	94
75) tert-Butylbenzene	19.14	119	539011	20.97	ug/kg	99
76) 1,2,4-Trimethylbenzene	19.21	105	630064	21.38	ug/kg	99
77) sec-Butylbenzene	19.47	105	760507	20.81	ug/kg	99
78) p-Isopropyltoluene	19.65	119	651801	20.76	ug/kg	99
79) 1,3-Dichlorobenzene	19.87	146	346912	20.69	ug/kg	100
80) 1,4-Dichlorobenzene	20.03	146	353248	20.32	ug/kg	98
81) n-Butylbenzene	20.28	91	638909	21.39	ug/kg	96
82) 1,2-Dichlorobenzene	20.61	146	319386	20.29	ug/kg	100
83) 1,2-Dibromo-3-Chloropropan	21.79	157	32953	18.66	ug/kg	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 8:20 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84) 1,2,4-Trichlorobenzene	23.15	180	214740	20.37	ug/kg	98
85) Hexachlorobutadiene	23.34	225	96232	19.89	ug/kg	98
86) Naphthalene	23.58	128	494027	18.84	ug/kg	100
87) 1,2,3-Trichlorobenzene	23.95	180	196551	19.46	ug/kg	98

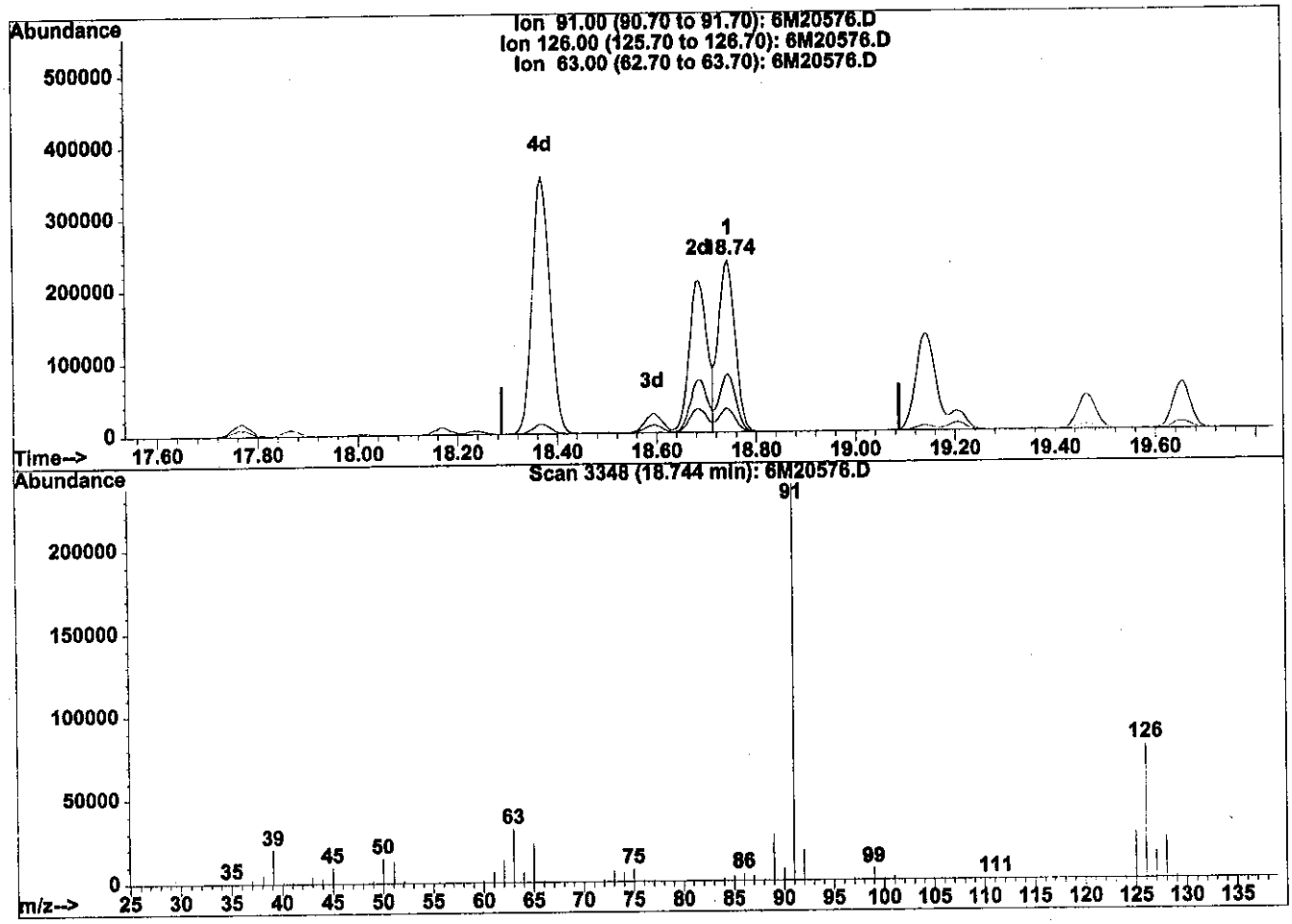
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D
Acq On : 15 Jun 2000 00:13
Sample : WG78929-09 20PPB ALT SOURCE
Misc : SOLID,1
Quant Time: Jun 15 0:39 2000

Vial: 11
Operator: CMS
Inst : HPMS6
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20576.D

(72) 2-Chlorotoluene (T)

18.74min 21.87ug/kg

response 548471

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.13
63.00	12.80	13.72
0.00	0.00	0.00

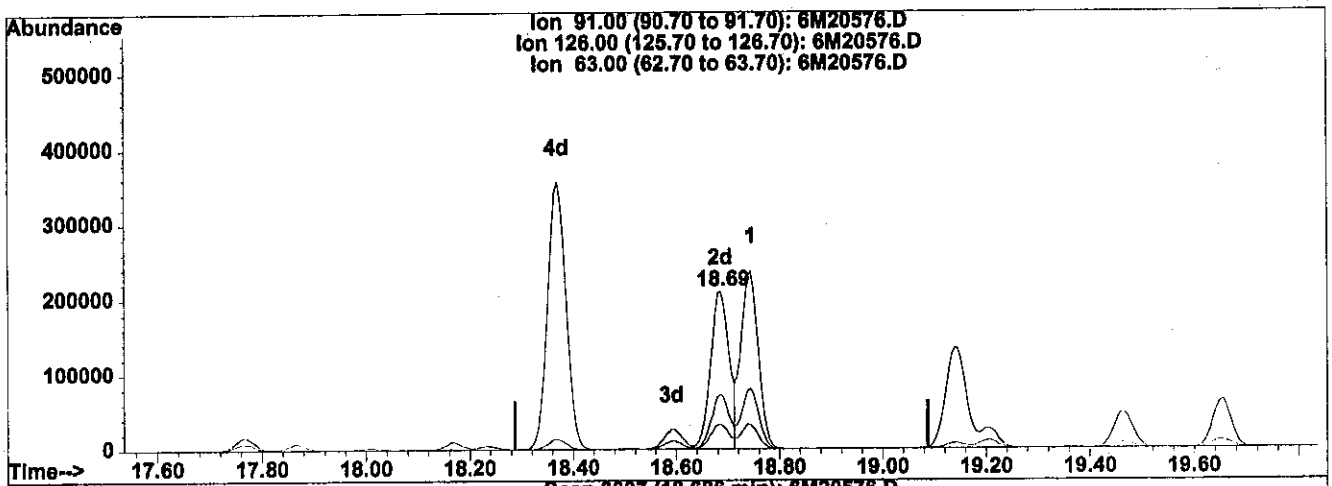
6-15-00 CMS

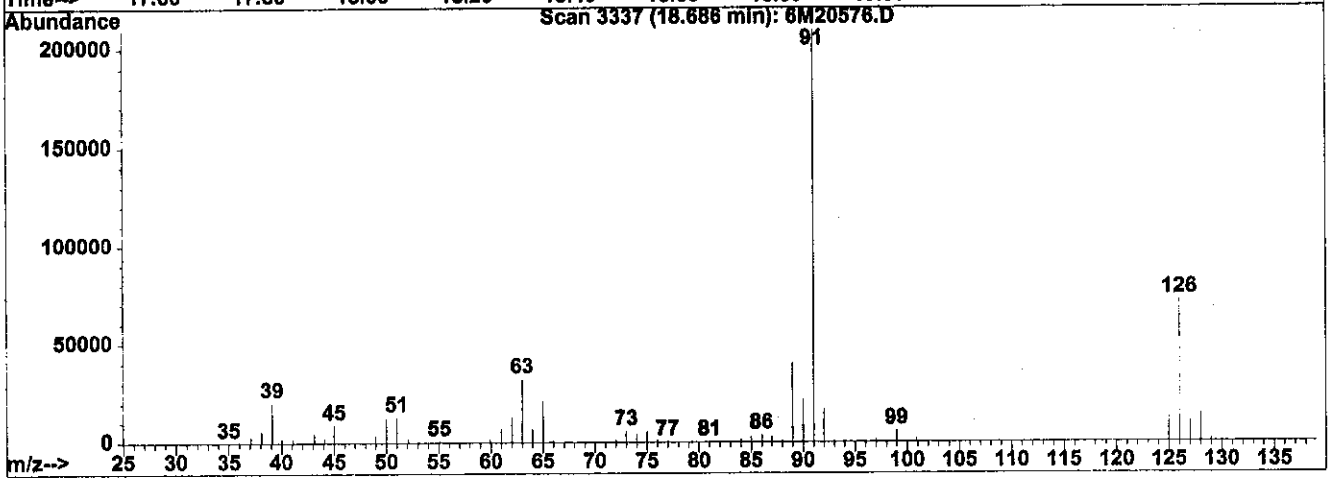
CMS 6/16/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061400\6M20576.D Vial: 11
Acq On : 15 Jun 2000 00:13 Operator: CMS
Sample : WG78929-09 20PPB ALT SOURCE Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 15 8:20 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration





TIC: 6M20576.D

(72) 2-Chlorotoluene (T)

18.69min 21.04ug/kg m

response 527840

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	35.46
63.00	12.80	14.26
0.00	0.00	0.00

6-15-00 ems

CMS 6/15/00

6M20576.D 8260PRES.M Thu Jun 15 08:20:14 2000

Calibration Table Report
Method: M8260WTR.M
Title: Method 8260BWT - 06/15/00 - HPMS2
Last Calibration: Sat Jul 08 10:20:37 2000

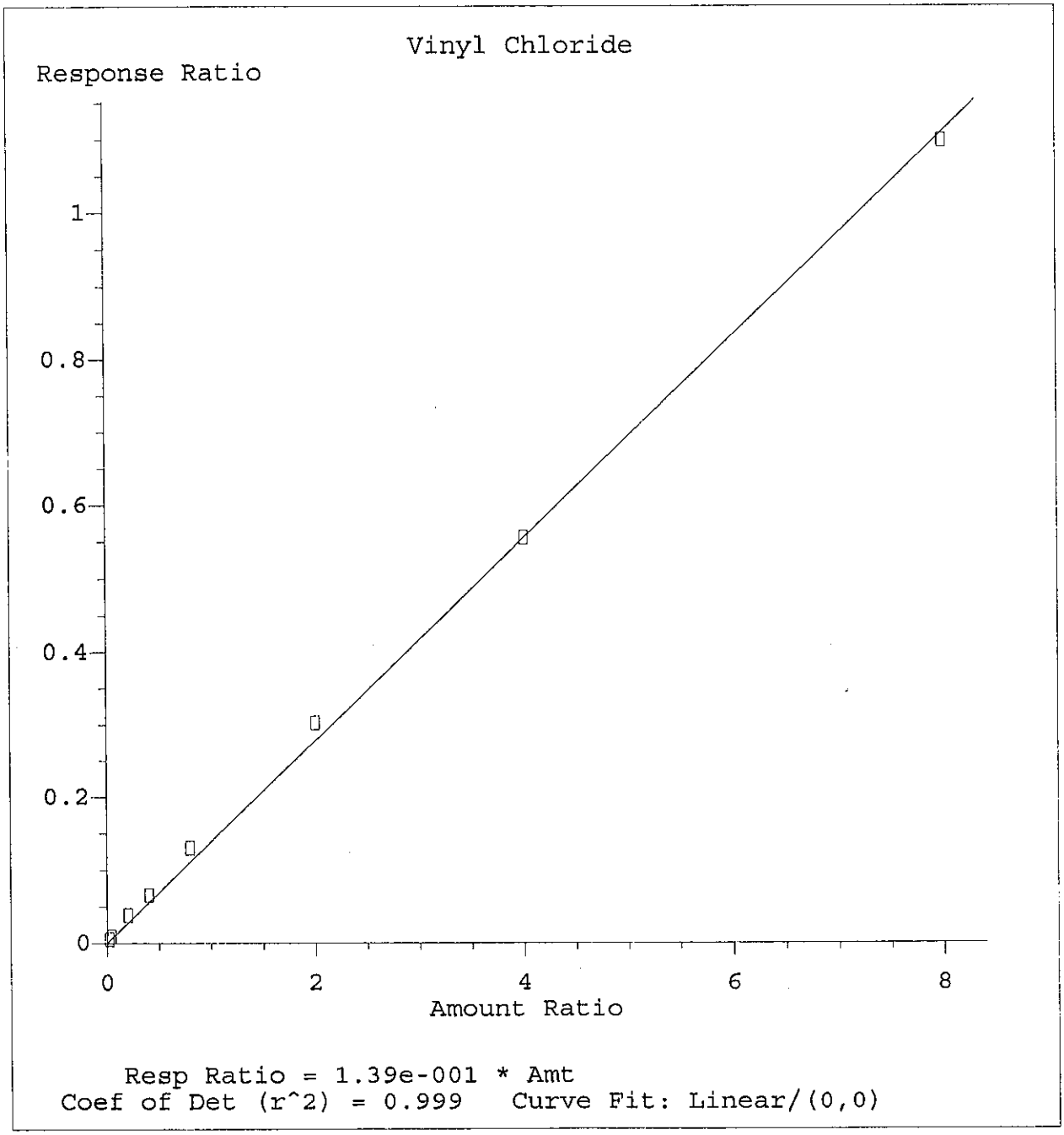
Calibration Files

		0.5	1	5	10	20	200	50	100		
		2M3640	2M364	2M364	2M364	2M364	2M364	2M363	2M36405.D		
	Compound									Avg	%RSD
I	Fluorobenzene	ISTD									
T	Dichlorodifluoromethane	0.303	0.247	0.246	0.222	0.232	0.221	0.237	0.233	0.243	10.8
P	Chloromethane	0.295	0.246	0.207	0.193	0.203	0.194	0.190	0.184	0.214	17.7
C	Vinyl Chloride	0.273	0.230	0.194	0.166	0.163	0.137	0.152	0.139	0.182	26.3
T	Bromomethane	0.215	0.184	0.119	0.106	0.127	0.112	0.101	0.104	0.133	31.7
T	Chloroethane	0.133	0.113	0.101	0.097	0.104	0.097	0.097	0.098	0.105	12.1
T	Trichlorofluoromethane	0.316	0.311	0.281	0.254	0.310	0.265	0.274	0.264	0.285	8.6
T	Isoprene	0.304	0.327	0.287	0.283	0.341	0.338	0.331	0.340	0.319	7.5
T	Acrolein			0.002	0.003	0.003	0.004	0.004	0.004	0.003	29.3
T	1,1,2-Trichloro-1,2,2-Trifluoroetha	0.202	0.226	0.199	0.179	0.223	0.215	0.219	0.220	0.210	7.6
T	Acetone	0.084	0.050	0.030	0.028	0.030	0.025	0.026	0.024	0.037	55.4
C	1,1-Dichloroethene	0.213	0.211	0.185	0.184	0.210	0.170	0.186	0.176	0.192	8.8
T	Dimethyl Sulfide	0.280	0.253	0.227	0.222	0.265	0.238	0.241	0.242	0.246	7.9
T	Iodomethane	0.214	0.183	0.190	0.204	0.226	0.213	0.218	0.215	0.208	7.0
T	Methylene Chloride	0.373	0.335	0.267	0.265	0.271	0.239	0.258	0.251	0.282	16.5
T	Carbon Disulfide	1.096	1.029	0.873	0.855	0.994	0.889	0.892	0.908	0.942	9.2
T	Acrylonitrile	0.038	0.039	0.040	0.041	0.047	0.043	0.043	0.043	0.042	7.2
T	Methyl Tert Butyl Ether	0.393	0.412	0.333	0.336	0.418	0.385	0.386	0.379	0.380	8.2
T	trans-1,2-Dichloroethene	0.243	0.249	0.220	0.213	0.247	0.222	0.233	0.233	0.232	5.7
T	n-Hexane	0.342	0.349	0.278	0.275	0.316	0.298	0.301	0.306	0.308	8.7
T	Vinyl Acetate	0.360	0.362	0.286	0.279	0.328	0.287	0.303	0.297	0.313	10.7
T	1,1-Dichloroethane	0.550	0.549	0.488	0.482	0.524	0.466	0.503	0.502	0.508	6.1
T	2-Butanone	0.089	0.081	0.056	0.055	0.061	0.054	0.058	0.054	0.064	21.6
T	2,2-Dichloropropane	0.409	0.395	0.369	0.355	0.392	0.394	0.401	0.406	0.390	4.8
T	cis-1,2-Dichloroethene	0.337	0.303	0.283	0.282	0.299	0.272	0.289	0.287	0.294	6.8
C	Chloroform	0.565	0.512	0.476	0.473	0.483	0.462	0.482	0.487	0.493	6.6
T	Bromochloromethane	0.136	0.121	0.114	0.118	0.120	0.110	0.115	0.115	0.118	6.8
S	Dibromofluoromethane	0.279	0.268	0.249	0.250	0.246	0.236	0.247	0.246	0.252	5.5
T	1,1,1-Trichloroethane	0.355	0.368	0.326	0.324	0.351	0.346	0.351	0.359	0.348	4.4
T	Cyclohexane	0.527	0.498	0.426	0.433	0.490	0.454	0.484	0.476	0.474	7.2
T	1,1-Dichloropropene	0.352	0.346	0.319	0.317	0.345	0.343	0.348	0.354	0.341	4.2
T	Carbon Tetrachloride	0.261	0.286	0.262	0.253	0.281	0.285	0.282	0.292	0.275	5.2
S	1,2-Dichloroethane-d4	0.245	0.232	0.215	0.212	0.212	0.199	0.208	0.214	0.217	6.7
T	1,2-Dichloroethane	0.340	0.306	0.280	0.283	0.285	0.263	0.283	0.288	0.291	7.9
T	Benzene	1.443	1.311	1.223	1.207	1.237	1.138	1.221	1.219	1.250	7.3
T	Trichloroethene	0.314	0.297	0.285	0.276	0.288	0.276	0.288	0.288	0.289	4.2
C	1,2-Dichloropropane	0.380	0.341	0.326	0.333	0.330	0.307	0.330	0.331	0.335	6.1
T	Bromodichloromethane	0.436	0.369	0.368	0.371	0.348	0.337	0.362	0.360	0.369	8.0
T	Dibromomethane	0.161	0.144	0.139	0.144	0.136	0.127	0.140	0.136	0.141	6.9
T	2-Chloroethyl Vinyl Ether	0.154	0.143	0.278	0.140	0.136	0.128	0.138	0.135	0.156	31.7
T	4-Methyl-2-Pentanone	0.048	0.059	0.055	0.058	0.057	0.050	0.057	0.054	0.055	7.1
T	cis-1,3-Dichloropropene	0.557	0.456	0.462	0.470	0.446	0.419	0.457	0.452	0.465	8.7
T	Dimethyl Disulfide	0.303	0.273	0.257	0.265	0.266	0.253	0.274	0.270	0.270	5.6
I	Chlorobenzene-d5	ISTD									
S	Toluene-d8	1.498	1.374	1.284	1.228	1.258	1.142	1.212	1.208	1.275	8.8
C	Toluene	2.025	1.866	1.705	1.672	1.680	1.531	1.645	1.656	1.722	8.9
T	Ethyl Methacrylate	0.442	0.384	0.350	0.354	0.365	0.317	0.362	0.346	0.365	10.0
T	trans-1,3-Dichloropropene	0.572	0.530	0.503	0.503	0.510	0.468	0.506	0.501	0.511	5.8
T	1,1,2-Trichloroethane	0.265	0.248	0.229	0.232	0.237	0.215	0.232	0.233	0.237	6.3
T	2-Hexanone	0.166	0.141	0.126	0.130	0.132	0.110	0.132	0.121	0.132	12.3
T	1,3-Dichloropropane	0.603	0.535	0.501	0.500	0.505	0.458	0.498	0.496	0.512	8.2
T	Tetrachloroethene	0.334	0.310	0.305	0.290	0.294	0.274	0.286	0.289	0.298	6.1

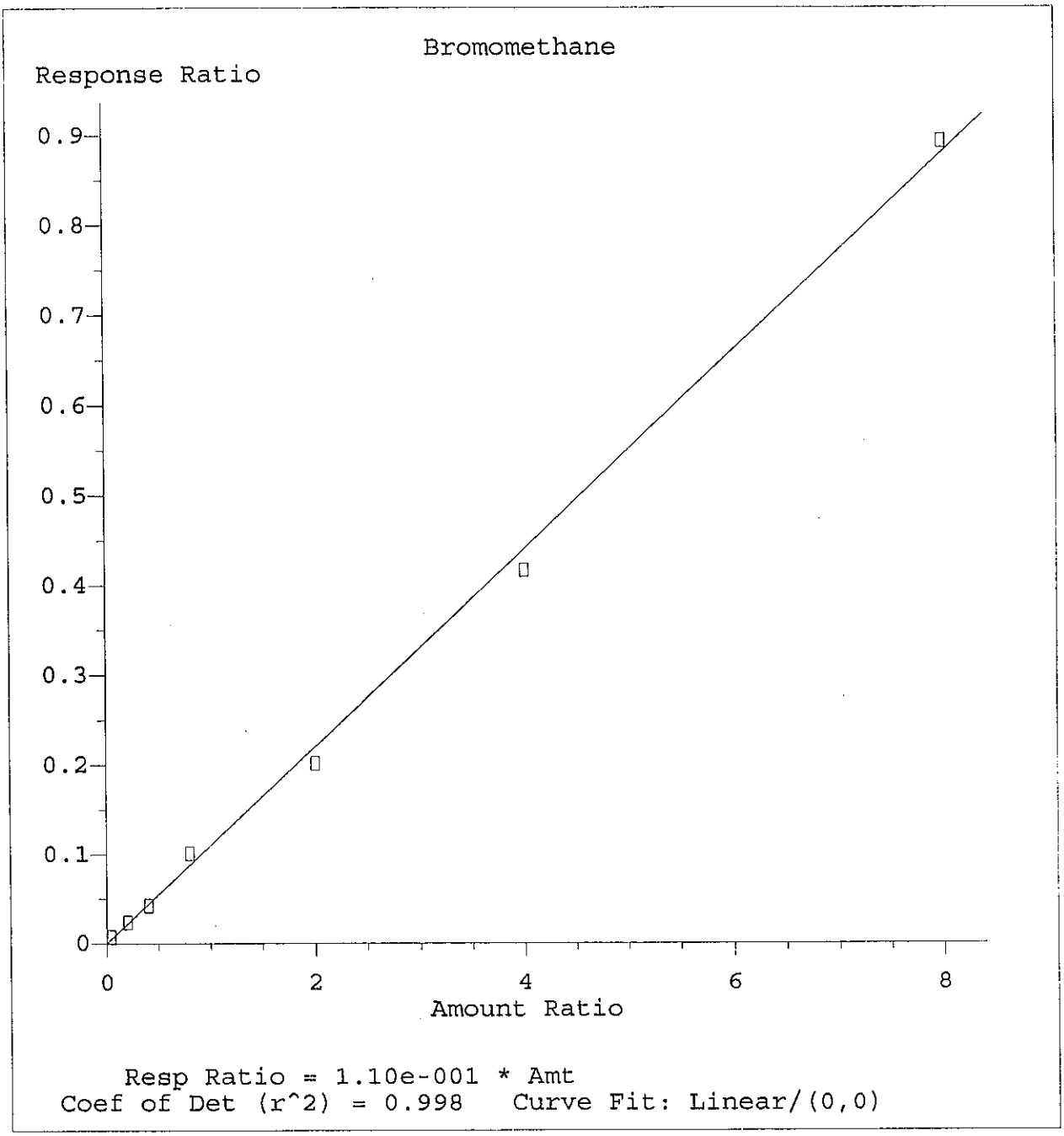
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T	Dibromochloromethane	0.315	0.291	0.279	0.282	0.288	0.277	0.289	0.294	0.289	4.1
T	1,2-Dibromoethane	0.272	0.259	0.238	0.244	0.247	0.227	0.243	0.246	0.247	5.5
T	1-Chlorohexane	0.749	0.640	0.584	0.577	0.596	0.552	0.588	0.587	0.609	10.1
P	Chlorobenzene	1.216	1.102	1.012	0.992	1.012	0.896	0.992	0.980	1.025	9.3
T	1,1,1,2-Tetrachloroethane	0.387	0.338	0.332	0.324	0.328	0.285	0.324	0.318	0.330	8.6
C	Ethylbenzene	0.661	0.572	0.551	0.535	0.536	0.450	0.517	0.511	0.542	11.1
T	m-,p-Xylene	0.778	0.701	0.668	0.650	0.650	0.541	0.619	0.608	0.652	10.7
T	o-Xylene	0.765	0.684	0.651	0.645	0.652	0.581	0.627	0.633	0.655	8.1
T	Styrene	1.278	1.165	1.138	1.130	1.128	0.988	1.095	1.086	1.126	7.2
P	Bromoform	0.151	0.150	0.139	0.146	0.150	0.141	0.148	0.147	0.146	3.1
T	Isopropylbenzene	1.942	1.732	1.650	1.609	1.645	1.490	1.587	1.600	1.657	8.1
I	1,4-Dichlorobenzene-d4	ISTD									
P	1,1,2,2-Tetrachloroethane	0.713	0.615	0.577	0.585	0.594	0.565	0.598	0.588	0.604	7.7
S	p-Bromofluorobenzene	1.188	1.059	1.041	0.987	1.029	0.994	1.009	1.023	1.041	6.1
T	1,2,3-Trichloropropane	0.116	0.129	0.123	0.133	0.133	0.126	0.132	0.132	0.128	4.8
T	trans-1,4-Dichloro-2-Butene	0.116	0.137	0.141	0.156	0.170	0.163	0.170	0.169	0.153	12.9
T	n-Propylbenzene	5.274	4.809	4.533	4.396	4.506	4.373	4.510	4.571	4.621	6.4
T	Bromobenzene	0.974	0.893	0.831	0.801	0.829	0.805	0.825	0.836	0.849	6.8
T	1,3,5-Trimethylbenzene	3.355	2.961	2.779	2.701	2.752	2.662	2.686	2.743	2.830	8.2
T	2-Chlorotoluene	3.183	3.097	2.801	2.848	2.933	2.625	2.723	2.886	2.887	6.4
T	4-Chlorotoluene	3.314	2.787	2.773	2.543	2.609	2.693	2.720	2.619	2.757	8.7
T	a-Methylstyrene	1.952	1.691	1.555	1.526	1.605	1.493	1.539	1.583	1.618	9.1
T	tert-Butylbenzene	2.902	2.832	2.660	2.534	2.632	2.519	2.563	2.617	2.658	5.2
T	1,2,4-Trimethylbenzene	3.366	2.968	2.819	2.680	2.757	2.617	2.675	2.757	2.830	8.5
T	sec-Butylbenzene	3.814	3.461	3.306	3.171	3.275	3.205	3.209	3.289	3.341	6.3
T	p-Isopropyltoluene	2.941	2.779	2.684	2.548	2.638	2.563	2.596	2.665	2.677	4.9
T	1,3-Dichlorobenzene	1.813	1.694	1.611	1.560	1.588	1.496	1.558	1.568	1.611	6.1
T	1,4-Dichlorobenzene	1.958	1.700	1.576	1.535	1.579	1.489	1.551	1.564	1.619	9.2
T	n-Butylbenzene	2.891	2.537	2.547	2.447	2.492	2.594	2.539	2.646	2.587	5.3
T	1,2-Dichlorobenzene	1.574	1.450	1.349	1.328	1.374	1.272	1.325	1.331	1.375	6.9
T	1,2-Dibromo-3-Chloropropane	0.069	0.082	0.080	0.085	0.081	0.085	0.083	1.331	0.081	6.8
T	1,2,4-Trichlorobenzene	0.643	0.604	0.622	0.612	0.640	0.679	0.660	0.678	0.642	4.4
T	Hexachlorobutadiene	0.296	0.311	0.272	0.260	0.270	0.282	0.260	0.269	0.278	6.5
T	Naphthalene	1.087	0.929	0.957	0.932	0.968	1.109	1.069	1.106	1.020	7.9
T	1,2,3-Trichlorobenzene	0.511	0.474	0.475	0.476	0.477	0.507	0.494	0.504	0.4897	3.2897

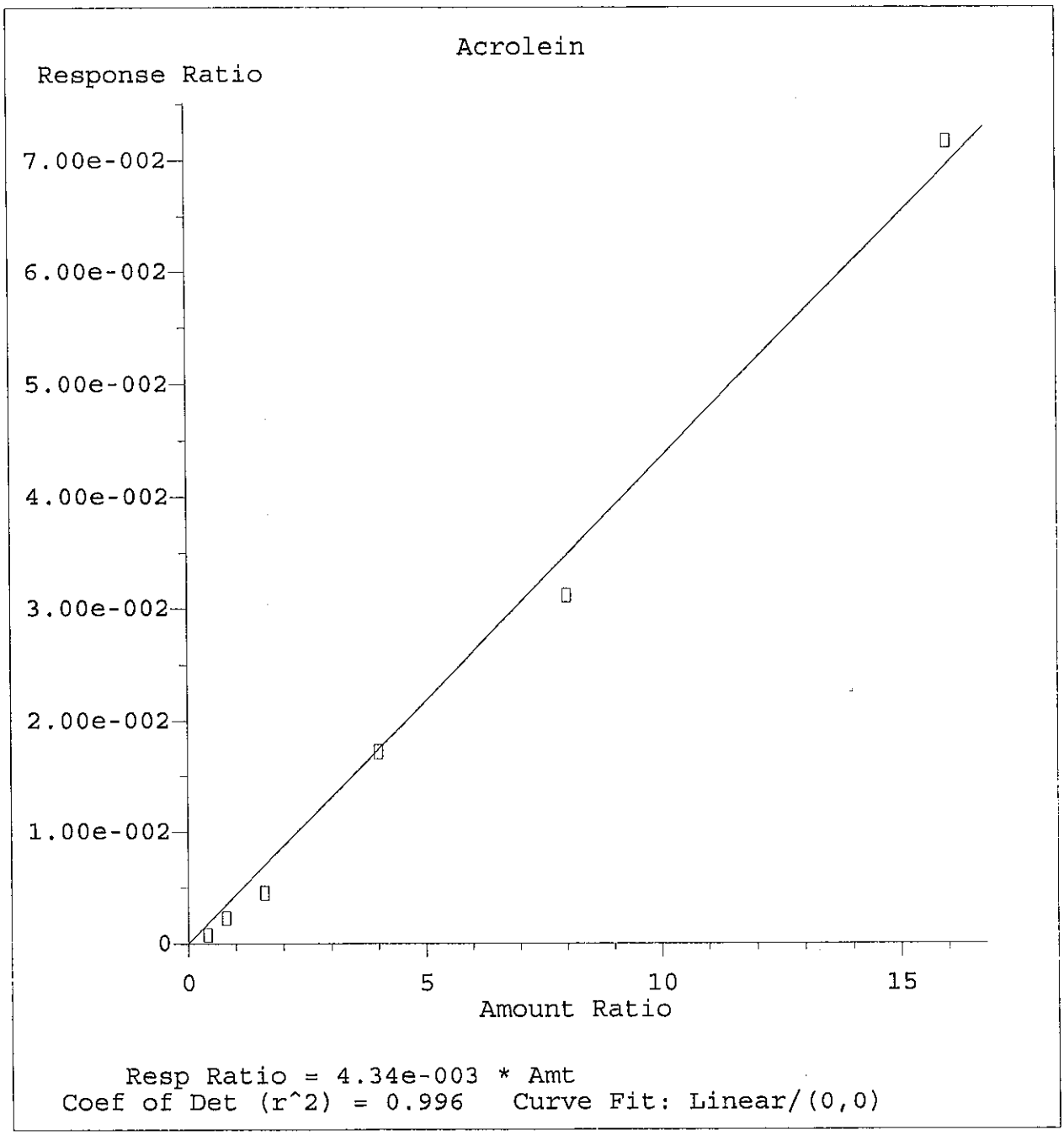
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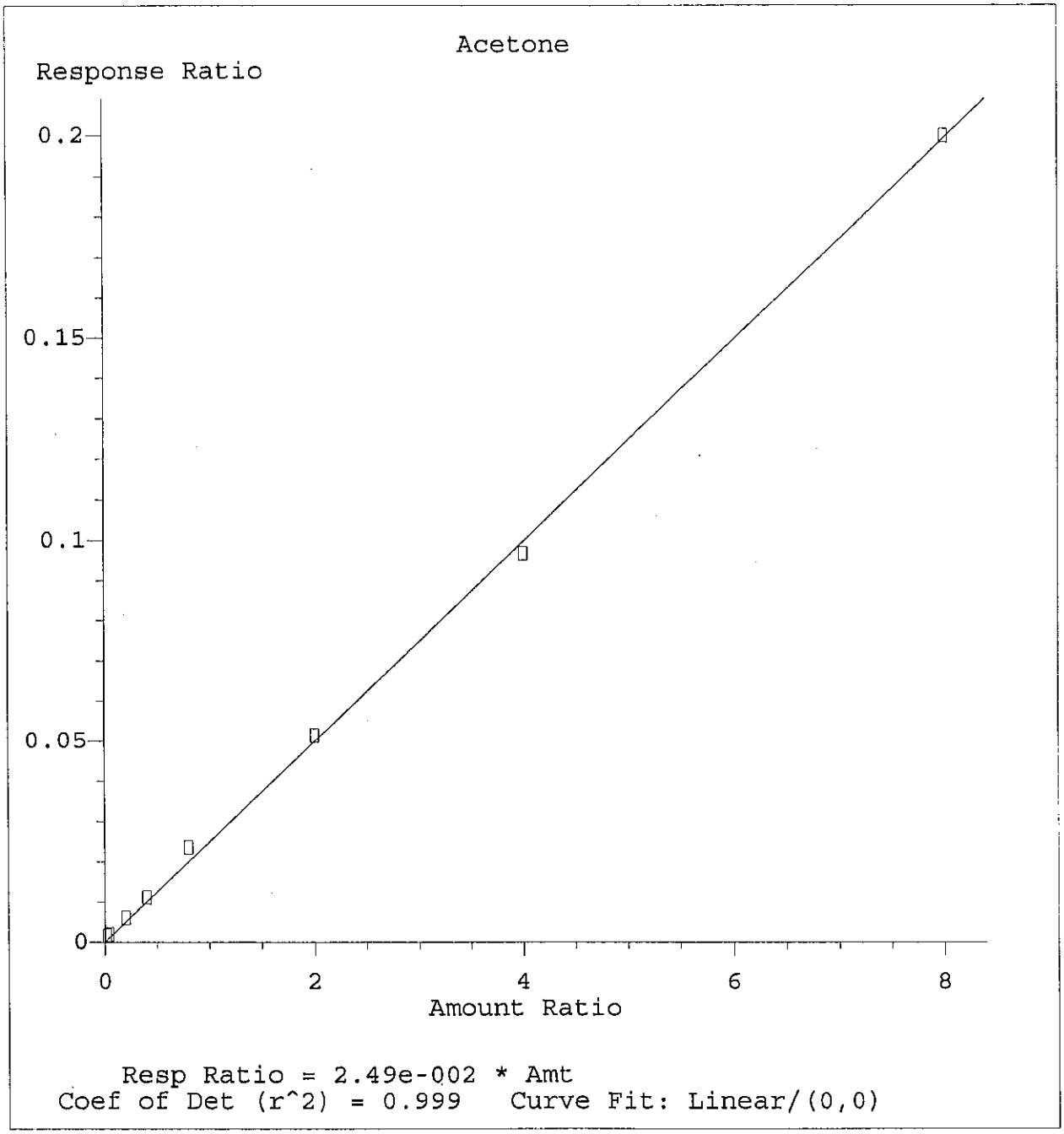
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Calibration Table Last Updated: Thu Jun 15 20:01:07 2000



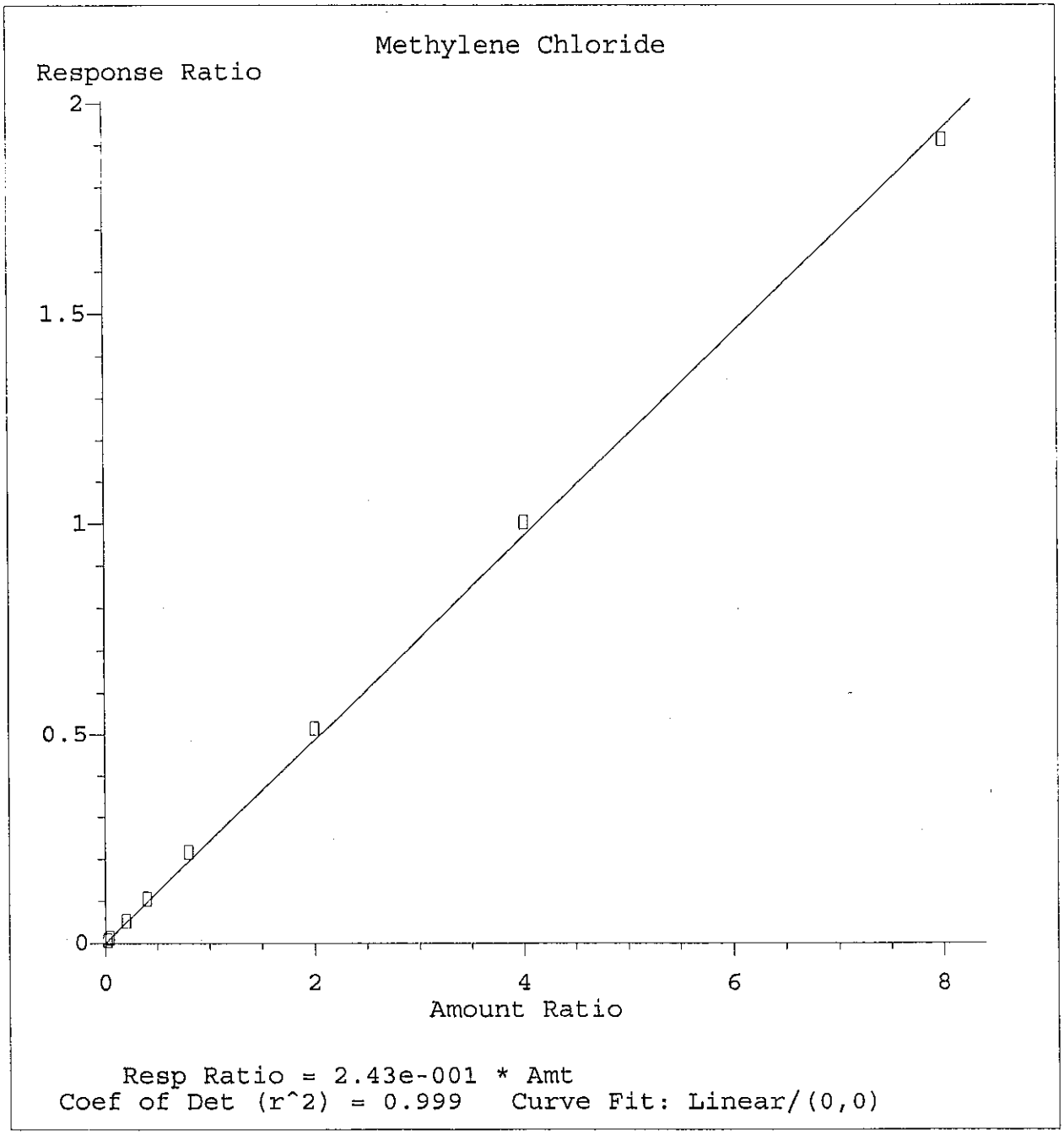
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Calibration Table Last Updated: Thu Jun 15 20:04:32 2000



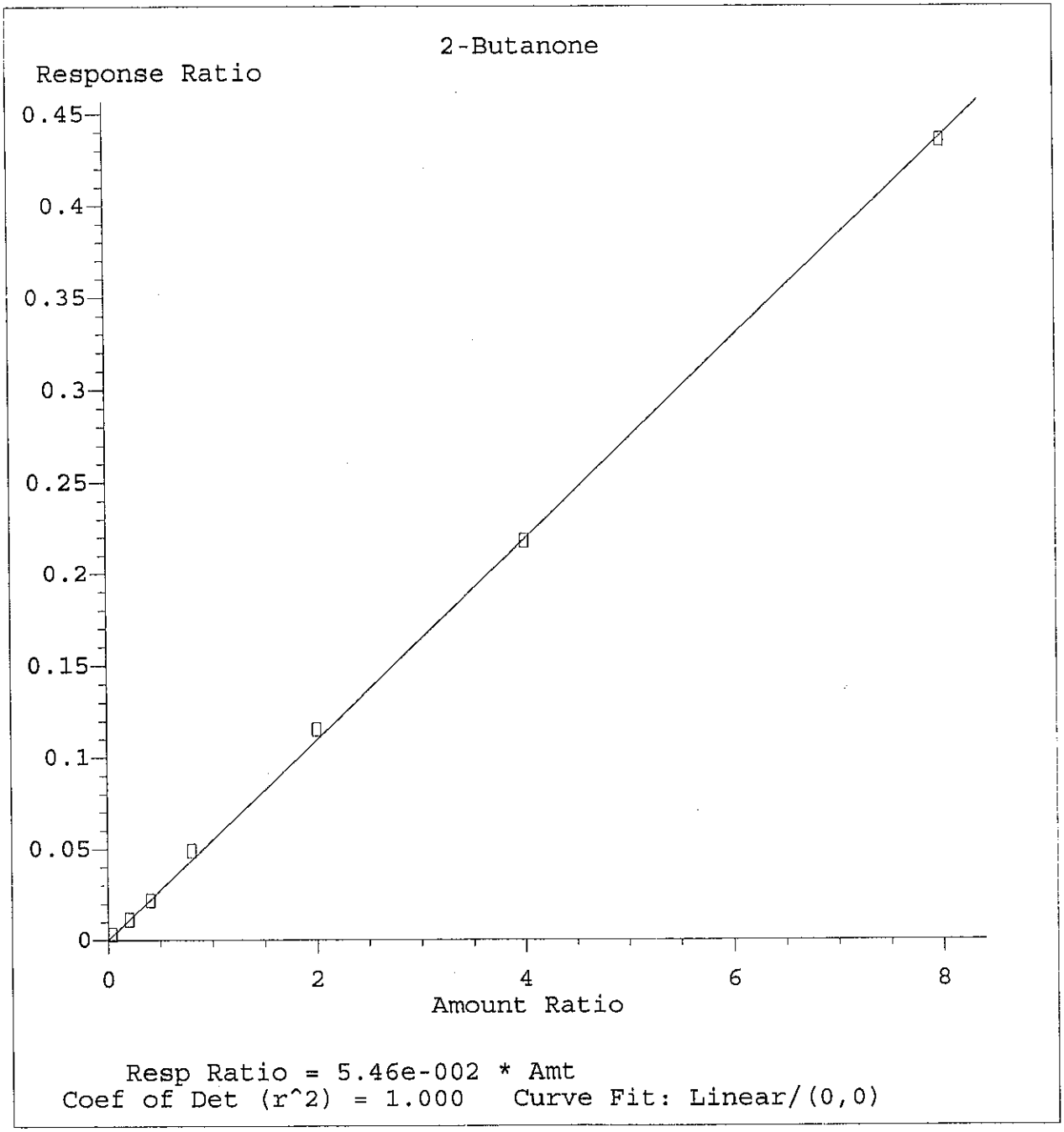
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Calibration Table Last Updated: Thu Jun 15 20:05:06 2000



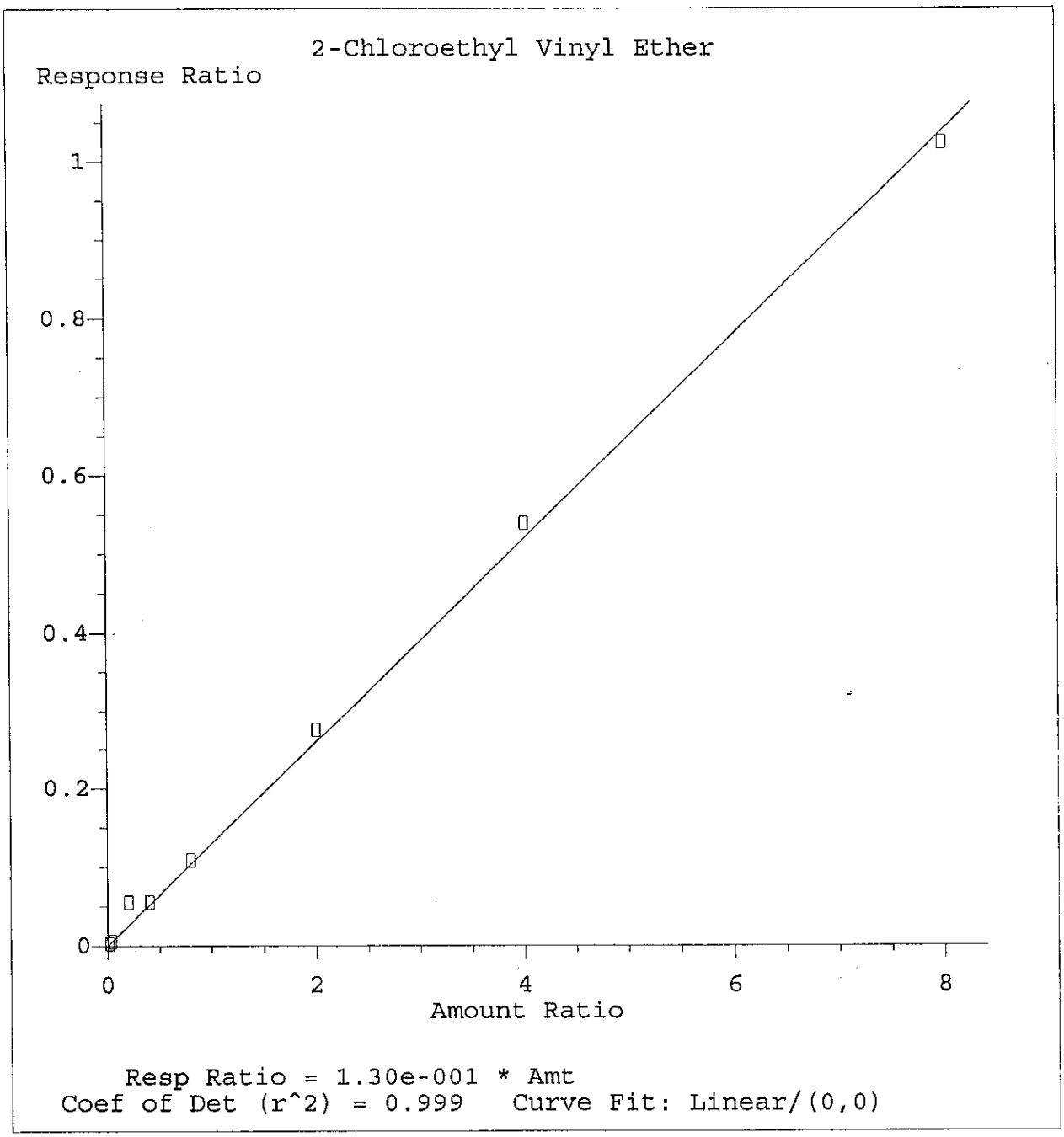
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Calibration Table Last Updated: Thu Jun 15 20:05:52 2000



Method Name: C:\HPCHEM\1\METHODS\M8260WT.M
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Calibration Table Last Updated: Thu Jun 15 20:06:27 2000

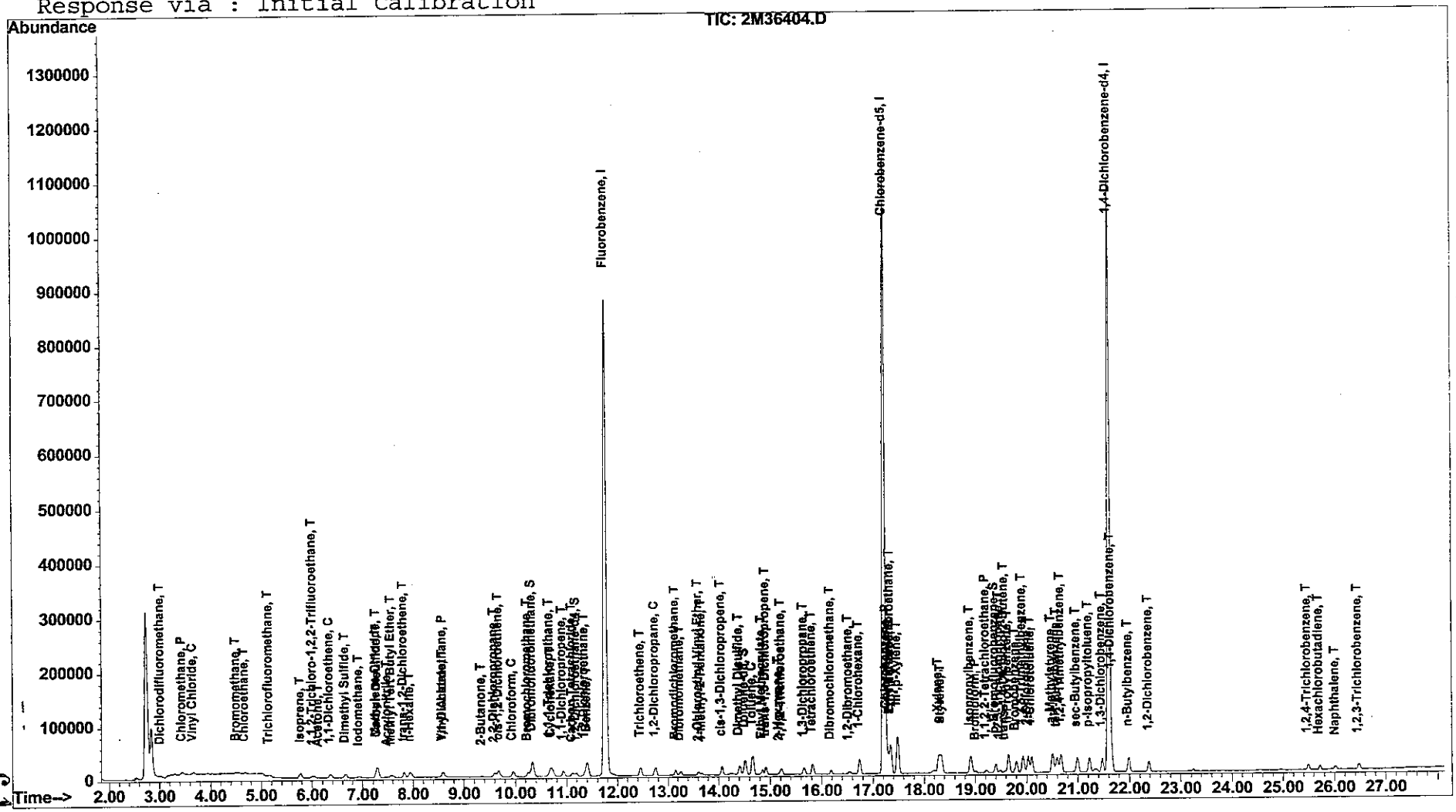
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36404.D
Acq On : 15 Jun 2000 17:41
Sample : WG78945-07 0.5 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 15 21:04 2000

Vial: 15
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36404.D Vial: 15
Acq On : 15 Jun 2000 17:41 Operator: CMS
Sample : WG78945-07 0.5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:04 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.76	96	1591849	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1279315	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	609493	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	8876	0.55	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 2.20%#			
33) 1,2-Dichloroethane-d4	11.19	65	7796	0.56	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 2.24%#			
45) Toluene-d8	14.52	98	38316	0.59	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 2.36%#			
66) p-Bromofluorobenzene	19.39	95	14481	0.57	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 2.28%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	9637	0.62	UG/L #	64
3) Chloromethane	3.45	50	9379	0.73	UG/L	93
4) Vinyl Chloride	3.67	62	8685	0.98	UG/L	97
5) Bromomethane	4.50	94	6836	0.98	UG/L #	71
6) Chloroethane	4.68	64	4236	0.63	UG/L #	41
7) Trichlorofluoromethane	5.15	101	10066	0.56	UG/L #	86
8) Isoprene	5.77	67	9675	0.48	UG/L	88
10) 1,1,2-Trichloro-1,2,2-Trif	6.01	101	6440	0.48	UG/L #	100
11) Acetone	6.14	43	2660	1.68	UG/L #	56
12) 1,1-Dichloroethene	6.35	96	6769	0.55	UG/L	92
13) Dimethyl Sulfide	6.67	62	8914	0.57	UG/L #	68
14) Iodomethane	6.94	142	6817	0.51	UG/L	92
15) Methylene Chloride	7.26	84	11889	0.77	UG/L	98
16) Carbon Disulfide	7.30	76	34898	0.58	UG/L	97
17) Acrylonitrile	7.49	53	1200	0.45	UG/L #	8
18) Methyl Tert Butyl Ether	7.58	73	12526	0.52	UG/L	97
19) trans-1,2-Dichloroethene	7.81	96	7723	0.52	UG/L	85
20) n-Hexane	7.95	57	10881	0.55	UG/L	97
21) Vinyl Acetate	8.58	43	11458	0.58	UG/L #	76
22) 1,1-Dichloroethane	8.59	63	17502	0.54	UG/L	98
23) 2-Butanone	9.35	43	2847	0.82	UG/L #	58
24) 2,2-Dichloropropane	9.60	77	13027	0.52	UG/L	95
25) cis-1,2-Dichloroethene	9.68	96	10726	0.57	UG/L #	76
26) Chloroform	9.95	83	17990	0.57	UG/L #	93
27) Bromochloromethane	10.25	128	4343	0.58	UG/L	93
29) 1,1,1-Trichloroethane	10.66	97	11305	0.51	UG/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36404.D Vial: 15
Acq On : 15 Jun 2000 17:41 Operator: CMS
Sample : WG78945-07 0.5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:04 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30) Cyclohexane	10.70	56	16776	0.56	UG/L		88
31) 1,1-Dichloropropene	10.93	75	11221	0.52	UG/L	#	82
32) Carbon Tetrachloride	11.11	117	8302	0.47	UG/L		95
34) 1,2-Dichloroethane	11.35	62	10825	0.58	UG/L	#	77
35) Benzene	11.40	78	45956	0.58	UG/L		94
36) Trichloroethene	12.46	130	9996	0.54	UG/L		99
37) 1,2-Dichloropropane	12.74	63	12084	0.57	UG/L	#	77
38) Bromodichloromethane	13.16	83	13875	0.59	UG/L		96
39) Dibromomethane	13.25	93	5130	0.57	UG/L	#	75
40) 2-Chloroethyl Vinyl Ether	13.61	63	4895	0.59	UG/L	#	46
41) 4-Methyl-2-Pentanone	13.68	58	1538	0.44	UG/L	#	31
42) cis-1,3-Dichloropropene	14.06	75	17736	0.60	UG/L	#	88
43) Dimethyl Disulfide	14.42	79	9644	0.56	UG/L		96
46) Toluene	14.66	91	51810	0.59	ug/L		99
47) Ethyl Methacrylate	14.85	69	11306	0.61	UG/L	#	56
48) trans-1,3-Dichloropropene	14.92	75	14636	0.56	ug/L	#	88
49) 1,1,2-Trichloroethane	15.23	97	6791	0.56	UG/L	#	87
50) 2-Hexanone	15.18	43	4250	0.63	UG/L		90
51) 1,3-Dichloropropane	15.65	76	15422	0.59	UG/L	#	80
52) Tetrachloroethene	15.83	164	8535	0.56	UG/L	#	70
53) Dibromochloromethane	16.17	129	8053	0.54	UG/L		98
54) 1,2-Dibromoethane	16.55	107	6961	0.55	UG/L		95
55) 1-Chlorohexane	16.74	91	19152	0.61	UG/L		98
56) Chlorobenzene	17.29	112	31104	0.59	UG/L	#	63
57) 1,1,1,2-Tetrachloroethane	17.33	131	9904	0.59	UG/L	#	84
58) Ethylbenzene	17.34	106	16918	0.61	UG/L		99
59) m-,p-Xylene	17.48	106	39812	1.04	UG/L		96
60) o-Xylene	18.28	106	19580	0.58	UG/L		99
61) Styrene	18.34	104	32709	0.57	UG/L	#	80
62) Bromoform	19.02	173	3860	0.52	UG/L	#	74
63) Isopropylbenzene	18.91	105	49693	0.59	ug/L		95
65) 1,1,2,2-Tetrachloroethane	19.22	83	8689	0.59	UG/L		98
67) 1,2,3-Trichloropropane	19.48	110	1414	0.45	UG/L	#	65
68) trans-1,4-Dichloro-2-Buten	19.58	53	1420	0.38	UG/L	#	16
69) n-Propylbenzene	19.65	91	64284	0.57	UG/L	#	99
70) Bromobenzene	19.81	156	11873	0.57	UG/L		92
71) 1,3,5-Trimethylbenzene	19.93	105	40892	0.59	UG/L		98
72) 2-Chlorotoluene	20.02	91	38796	0.55	UG/L	#	91
73) 4-Chlorotoluene	20.09	91	40398	0.60	UG/L		98
74) a-Methylstyrene	20.50	118	23798	0.60	UG/L		99
75) tert-Butylbenzene	20.60	119	35370	0.55	UG/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36404.D Vial: 15
Acq On : 15 Jun 2000 17:41 Operator: CMS
Sample : WG78945-07 0.5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:04 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) 1,2,4-Trimethylbenzene	20.68	105	41029	0.59	UG/L	#	81
77) sec-Butylbenzene	20.98	105	46495	0.57	UG/L		98
78) p-Isopropyltoluene	21.23	119	35855	0.55	UG/L		98
79) 1,3-Dichlorobenzene	21.47	146	22096	0.56	UG/L		92
80) 1,4-Dichlorobenzene	21.66	146	23864	0.60	UG/L		100
81) n-Butylbenzene	21.99	91	35238	0.56	UG/L		97
82) 1,2-Dichlorobenzene	22.37	146	19190	0.57	UG/L		98
84) 1,2,4-Trichlorobenzene	25.48	180	7839	0.50	UG/L		95
85) Hexachlorobutadiene	25.72	225	3613	0.53	UG/L	#	90
86) Naphthalene	26.02	128	13256	0.53	UG/L	#	76
87) 1,2,3-Trichlorobenzene	26.46	180	6223	0.52	UG/L		98

(#) = qualifier out of range (m) = manual integration

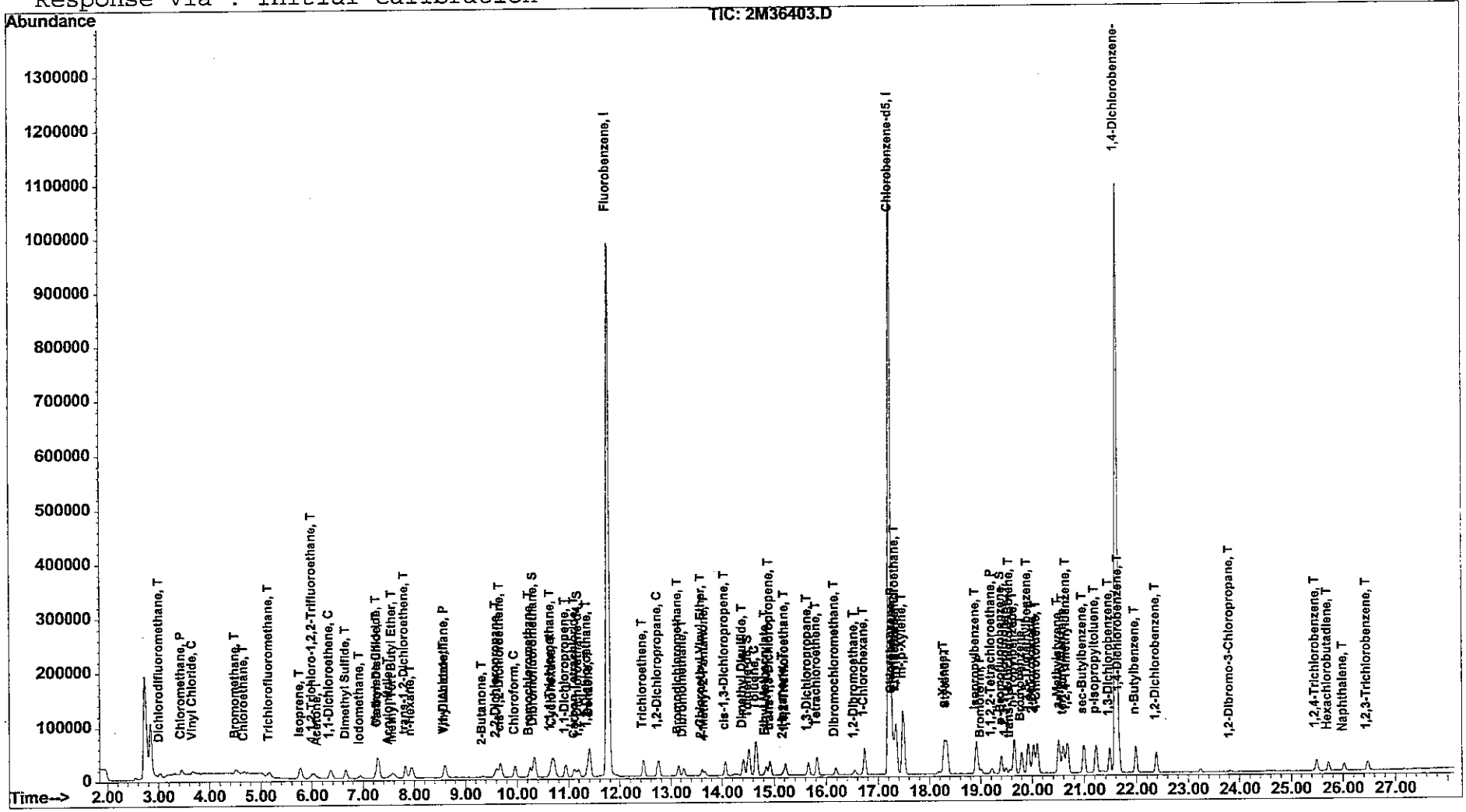
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36403.D
Acq On : 15 Jun 2000 17:06
Sample : WG78945-06 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 15 21:03 2000

Vial: 14
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36403.D Vial: 14
Acq On : 15 Jun 2000 17:06 Operator: CMS
Sample : WG78945-06 1 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:03 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.76	96	1769239	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1290296	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	615241	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	18947	1.06	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	4.24%#		
33) 1,2-Dichloroethane-d4	11.19	65	16396	1.07	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	4.28%#		
45) Toluene-d8	14.52	98	70916	1.08	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	4.32%#		
66) p-Bromofluorobenzene	19.40	95	26062	1.02	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	4.08%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	17503	1.02	UG/L #	86
3) Chloromethane	3.45	50	17412	1.22	UG/L	99
4) Vinyl Chloride	3.67	62	16305	1.66	UG/L	96
5) Bromomethane	4.50	94	13033	1.68	UG/L #	76
6) Chloroethane	4.69	64	7983	1.08	UG/L #	41
7) Trichlorofluoromethane	5.17	101	22036	1.09	UG/L	97
8) Isoprene	5.77	67	23161	1.03	UG/L	82
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	15973	1.07	UG/L #	100
11) Acetone	6.12	43	3511	1.99	UG/L #	56
12) 1,1-Dichloroethene	6.36	96	14918	1.10	UG/L	96
13) Dimethyl Sulfide	6.66	62	17912	1.03	UG/L	79
14) Iodomethane	6.95	142	12962	0.88	UG/L	97
15) Methylene Chloride	7.27	84	23695	1.38	UG/L	95
16) Carbon Disulfide	7.30	76	72799	1.09	UG/L	100
17) Acrylonitrile	7.50	53	2754	0.93	UG/L	95
18) Methyl Tert Butyl Ether	7.58	73	29123	1.08	UG/L	98
19) trans-1,2-Dichloroethene	7.82	96	17615	1.07	UG/L	87
20) n-Hexane	7.94	57	24710	1.13	UG/L	90
21) Vinyl Acetate	8.59	43	25651	1.16	UG/L #	90
22) 1,1-Dichloroethane	8.59	63	38845	1.08	UG/L	100
23) 2-Butanone	9.34	43	5761	1.49	UG/L #	58
24) 2,2-Dichloropropane	9.60	77	27922	1.01	UG/L	97
25) cis-1,2-Dichloroethene	9.69	96	21420	1.03	UG/L #	73
26) Chloroform	9.96	83	36219	1.04	UG/L #	95
27) Bromochloromethane	10.25	128	8532	1.02	UG/L	98
29) 1,1,1-Trichloroethane	10.65	97	26012	1.06	UG/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36403.D Vial: 14
Acq On : 15 Jun 2000 17:06 Operator: CMS
Sample : WG78945-06 1 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:03 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30) Cyclohexane	10.70	56	35255	1.05 UG/L		90
31) 1,1-Dichloropropene	10.94	75	24465	1.02 UG/L	#	81
32) Carbon Tetrachloride	11.13	117	20227	1.04 UG/L	#	92
34) 1,2-Dichloroethane	11.36	62	21689	1.05 UG/L	#	93
35) Benzene	11.40	78	92809	1.05 UG/L		94
36) Trichloroethene	12.45	130	21042	1.03 UG/L		90
37) 1,2-Dichloropropane	12.74	63	24114	1.02 UG/L	#	80
38) Bromodichloromethane	13.16	83	26082	1.00 UG/L		96
39) Dibromomethane	13.25	93	10171	1.02 UG/L	#	63
40) 2-Chloroethyl Vinyl Ether	13.61	63	10133	1.10 UG/L	#	79
41) 4-Methyl-2-Pentanone	13.68	58	4197	1.08 UG/L	#	31
42) cis-1,3-Dichloropropene	14.06	75	32267	0.98 UG/L	#	90
43) Dimethyl Disulfide	14.41	79	19289	1.01 UG/L		96
46) Toluene	14.65	91	96303	1.08 ug/L		98
47) Ethyl Methacrylate	14.84	69	19819	1.05 UG/L	#	84
48) trans-1,3-Dichloropropene	14.92	75	27375	1.04 ug/L		96
49) 1,1,2-Trichloroethane	15.22	97	12820	1.05 UG/L		91
50) 2-Hexanone	15.18	43	7262	1.06 UG/L		91
51) 1,3-Dichloropropane	15.66	76	27592	1.04 UG/L		83
52) Tetrachloroethene	15.83	164	16010	1.04 UG/L	#	73
53) Dibromochloromethane	16.17	129	15022	1.01 UG/L		97
54) 1,2-Dibromoethane	16.55	107	13361	1.05 UG/L		95
55) 1-Chlorohexane	16.73	91	33022	1.05 UG/L		97
56) Chlorobenzene	17.29	112	56871	1.08 UG/L	#	48
57) 1,1,1,2-Tetrachloroethane	17.34	131	17458	1.03 UG/L		91
58) Ethylbenzene	17.34	106	29546	1.06 UG/L		96
59) m-,p-Xylene	17.48	106	72372	1.87 UG/L		100
60) o-Xylene	18.28	106	35278	1.04 UG/L		96
61) Styrene	18.34	104	60131	1.03 UG/L	#	80
62) Bromoform	19.01	173	7723	1.02 UG/L	#	93
63) Isopropylbenzene	18.91	105	89394	1.05 ug/L		95
65) 1,1,2,2-Tetrachloroethane	19.23	83	15132	1.02 UG/L		97
67) 1,2,3-Trichloropropane	19.48	110	3177	1.01 UG/L		93
68) trans-1,4-Dichloro-2-Buten	19.57	53	3361	0.89 UG/L		90
69) n-Propylbenzene	19.65	91	118345	1.04 UG/L	#	100
70) Bromobenzene	19.80	156	21979	1.05 UG/L		97
71) 1,3,5-Trimethylbenzene	19.93	105	72864	1.05 UG/L		96
72) 2-Chlorotoluene	20.02	91	76216	1.07 UG/L		98
73) 4-Chlorotoluene	20.09	91	68587	1.01 UG/L		97
74) a-Methylstyrene	20.51	118	41627	1.05 UG/L		100
75) tert-Butylbenzene	20.60	119	69705	1.07 UG/L		90

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36403.D
Acq On : 15 Jun 2000 17:06
Sample : WG78945-06 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 15 21:03 2000

Vial: 14
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	20.67	105	73038	1.05	UG/L	#	84
77)	sec-Butylbenzene	20.99	105	85175	1.04	UG/L		98
78)	p-Isopropyltoluene	21.23	119	68386	1.04	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	41681	1.05	UG/L		93
80)	1,4-Dichlorobenzene	21.67	146	41844	1.05	UG/L	#	62
81)	n-Butylbenzene	21.99	91	62440	0.98	UG/L		97
82)	1,2-Dichlorobenzene	22.38	146	35686	1.05	UG/L		94
83)	1,2-Dibromo-3-Chloropropan	23.82	157	1702	0.86	UG/L	#	55
84)	1,2,4-Trichlorobenzene	25.49	180	14861	0.94	UG/L	#	92
85)	Hexachlorobutadiene	25.72	225	7657	1.12	UG/L		94
86)	Naphthalene	26.03	128	22866	0.91	UG/L	#	91
87)	1,2,3-Trichlorobenzene	26.47	180	11661	0.97	UG/L	#	96

(#) = qualifier out of range (m) = manual integration

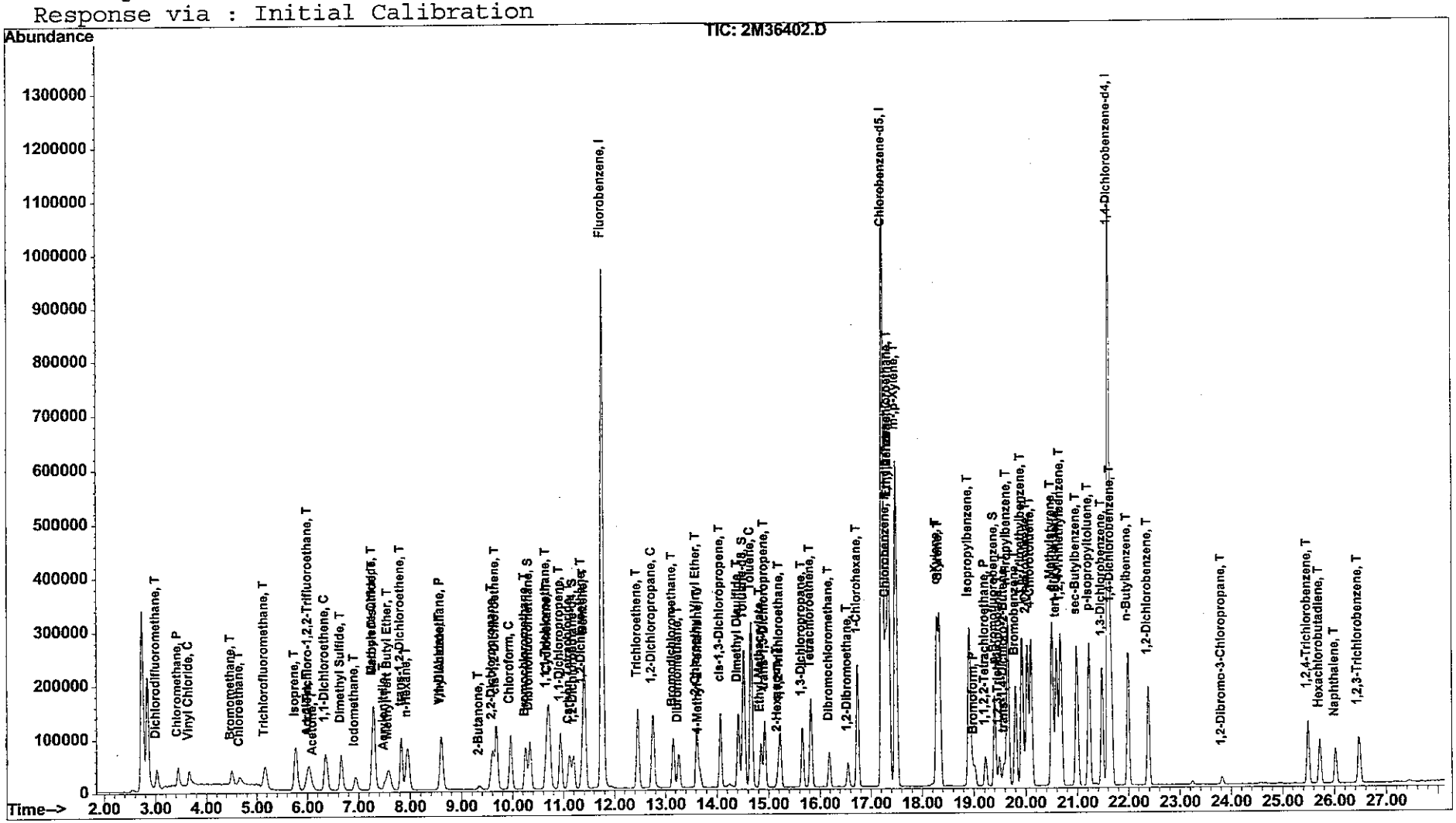
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36402.D
Acq On : 15 Jun 2000 16:32
Sample : WG78945-05 5 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 15 21:02 2000

Vial: 13
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36402.D Vial: 13
Acq On : 15 Jun 2000 16:32 Operator: CMS
Sample : WG78945-05 5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:02 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1710022	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1310999	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.61	152	617600	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.33	111	85215	4.93	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 19.72%#			
33) 1,2-Dichloroethane-d4	11.20	65	73380	4.94	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 19.76%#			
45) Toluene-d8	14.52	98	336582	5.03	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 20.12%#			
66) p-Bromofluorobenzene	19.40	95	128531	5.00	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 20.00%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	84146	5.07	UG/L	95
3) Chloromethane	3.44	50	70658	5.10	UG/L	99
4) Vinyl Chloride	3.66	62	66466	7.01	UG/L	95
5) Bromomethane	4.50	94	40836	5.44	UG/L	87
6) Chloroethane	4.67	64	34388	4.80	UG/L #	84
7) Trichlorofluoromethane	5.16	101	96240	4.94	UG/L	99
8) Isoprene	5.78	67	98265	4.51	UG/L #	80
9) Acrolein	6.01	56	1336	4.50	UG/L #	12
10) 1,1,2-Trichloro-1,2,2-Trif	6.03	101	68052	4.73	UG/L #	100
11) Acetone	6.12	43	10404	6.11	UG/L	92
12) 1,1-Dichloroethene	6.35	96	63207	4.82	UG/L	93
13) Dimethyl Sulfide	6.66	62	77466	4.61	UG/L #	74
14) Iodomethane	6.93	142	65140	4.58	UG/L	100
15) Methylene Chloride	7.27	84	91396	5.51	UG/L	99
16) Carbon Disulfide	7.30	76	298434	4.63	UG/L	98
17) Acrylonitrile	7.49	53	13820	4.85	UG/L	94
18) Methyl Tert Butyl Ether	7.58	73	113814	4.38	UG/L	97
19) trans-1,2-Dichloroethene	7.83	96	75408	4.74	UG/L	86
20) n-Hexane	7.95	57	94970	4.51	UG/L	94
21) Vinyl Acetate	8.59	43	97645	4.56	UG/L	98
22) 1,1-Dichloroethane	8.60	63	167024	4.81	UG/L	98
23) 2-Butanone	9.34	43	19251	5.15	UG/L	96
24) 2,2-Dichloropropane	9.60	77	126122	4.73	UG/L	97
25) cis-1,2-Dichloroethene	9.68	96	96668	4.81	UG/L #	66
26) Chloroform	9.96	83	162843	4.83	UG/L	96
27) Bromochloromethane	10.25	128	38905	4.80	UG/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36402.D Vial: 13
Acq On : 15 Jun 2000 16:32 Operator: CMS
Sample : WG78945-05 5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:02 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29) 1,1,1-Trichloroethane	10.66	97	111432	4.69	UG/L		89
30) Cyclohexane	10.71	56	145573	4.49	UG/L		88
31) 1,1-Dichloropropene	10.93	75	109250	4.69	UG/L	#	80
32) Carbon Tetrachloride	11.12	117	89669	4.76	UG/L		97
34) 1,2-Dichloroethane	11.36	62	95857	4.82	UG/L		100
35) Benzene	11.41	78	418190	4.89	UG/L		94
36) Trichloroethene	12.45	130	97524	4.93	UG/L		96
37) 1,2-Dichloropropane	12.74	63	111429	4.87	UG/L	#	82
38) Bromodichloromethane	13.15	83	125908	4.99	UG/L		95
39) Dibromomethane	13.26	93	47416	4.93	UG/L	#	70
40) 2-Chloroethyl Vinyl Ether	13.61	63	94943	10.69	UG/L	#	88
41) 4-Methyl-2-Pentanone	13.66	58	18895	5.03	UG/L		89
42) cis-1,3-Dichloropropene	14.07	75	157928	4.97	UG/L		92
43) Dimethyl Disulfide	14.41	79	87972	4.76	UG/L		99
46) Toluene	14.66	91	447021	4.95	ug/L		99
47) Ethyl Methacrylate	14.85	69	91826	4.80	UG/L	#	88
48) trans-1,3-Dichloropropene	14.93	75	131792	4.91	ug/L		97
49) 1,1,2-Trichloroethane	15.22	97	60041	4.84	UG/L	#	87
50) 2-Hexanone	15.17	43	33117	4.77	UG/L		90
51) 1,3-Dichloropropane	15.65	76	131481	4.90	UG/L	#	80
52) Tetrachloroethene	15.82	164	79973	5.12	UG/L	#	78
53) Dibromochloromethane	16.19	129	73046	4.81	UG/L		99
54) 1,2-Dibromoethane	16.55	107	62447	4.82	UG/L		98
55) 1-Chlorohexane	16.74	91	152994	4.79	UG/L		98
56) Chlorobenzene	17.29	112	265235	4.93	UG/L	#	64
57) 1,1,1,2-Tetrachloroethane	17.34	131	87030	5.04	UG/L		92
58) Ethylbenzene	17.34	106	144595	5.09	UG/L		98
59) m-,p-Xylene	17.48	106	350342	8.92	UG/L		99
60) o-Xylene	18.29	106	170779	4.97	UG/L		98
61) Styrene	18.35	104	298386	5.05	UG/L	#	83
62) Bromoform	19.02	173	36330	4.73	UG/L	#	96
63) Isopropylbenzene	18.91	105	432603	4.98	ug/L		96
65) 1,1,2,2-Tetrachloroethane	19.22	83	71273	4.77	UG/L		99
67) 1,2,3-Trichloropropane	19.49	110	15169	4.80	UG/L	#	80
68) trans-1,4-Dichloro-2-Buten	19.58	53	17378	4.61	UG/L		95
69) n-Propylbenzene	19.65	91	559901	4.90	UG/L		99
70) Bromobenzene	19.80	156	102611	4.89	UG/L		97
71) 1,3,5-Trimethylbenzene	19.92	105	343233	4.91	UG/L		97
72) 2-Chlorotoluene	20.02	91	345956	4.85	UG/L		98
73) 4-Chlorotoluene	20.10	91	342528	5.03	UG/L		97
74) a-Methylstyrene	20.50	118	192133	4.81	UG/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36402.D Vial: 13
Acq On : 15 Jun 2000 16:32 Operator: CMS
Sample : WG78945-05 5 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:02 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

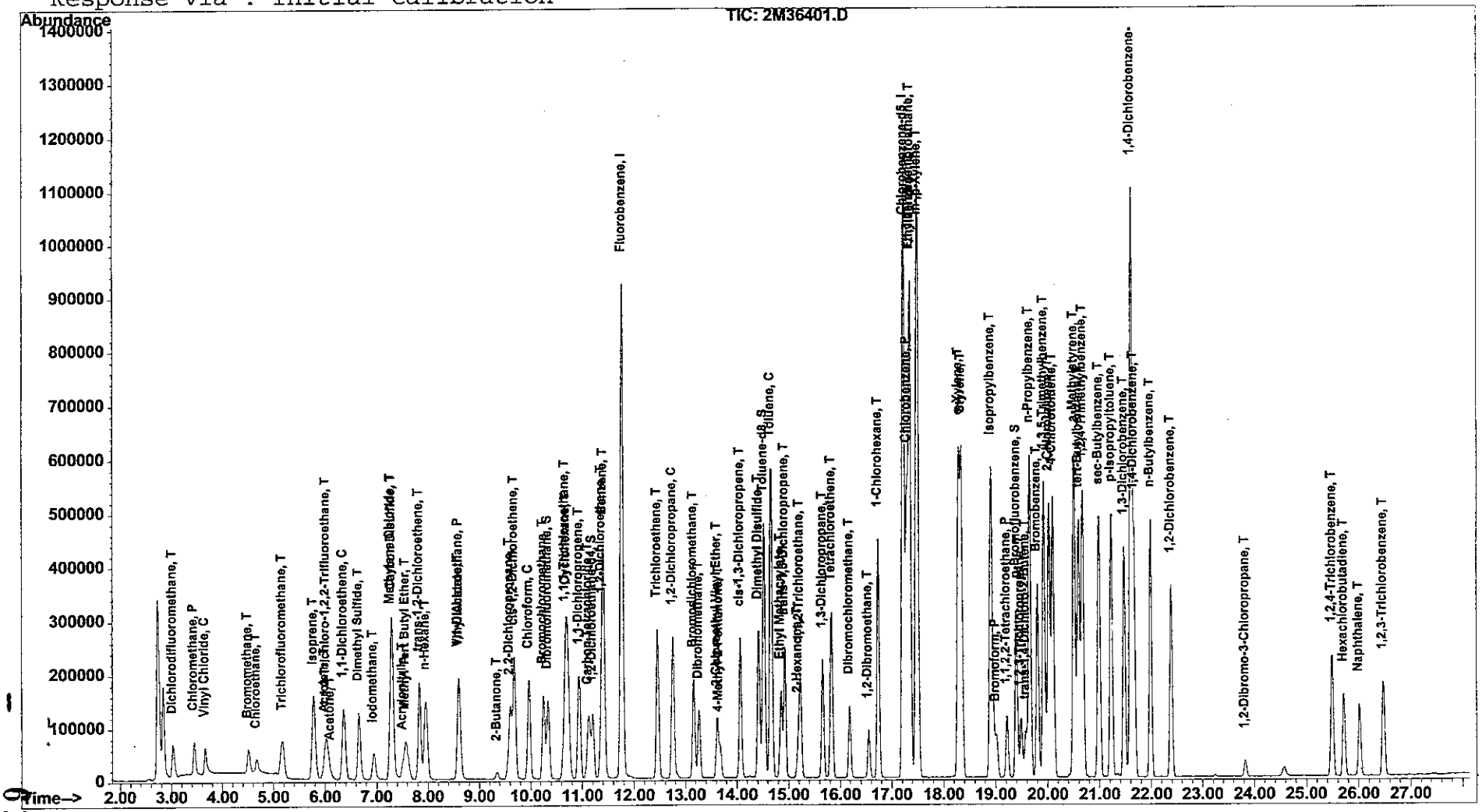
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.59	119	328579	5.00	UG/L		92
76)	1,2,4-Trimethylbenzene	20.67	105	348200	4.98	UG/L		94
77)	sec-Butylbenzene	20.99	105	408402	4.95	UG/L		99
78)	p-Isopropyltoluene	21.22	119	331477	5.01	UG/L		99
79)	1,3-Dichlorobenzene	21.48	146	198942	5.00	UG/L		92
80)	1,4-Dichlorobenzene	21.67	146	194717	4.87	UG/L	#	88
81)	n-Butylbenzene	21.98	91	314655	4.92	UG/L		98
82)	1,2-Dichlorobenzene	22.38	146	166634	4.90	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.82	157	10179	5.09	UG/L	#	79
84)	1,2,4-Trichlorobenzene	25.49	180	76828	4.84	UG/L	#	96
85)	Hexachlorobutadiene	25.72	225	33544	4.89	UG/L	#	92
86)	Naphthalene	26.02	128	118188	4.69	UG/L		97
87)	1,2,3-Trichlorobenzene	26.48	180	58640	4.85	UG/L	#	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36401.D Vial: 12
Acq On : 15 Jun 2000 15:45 Operator: CMS
Sample : WG78945-04 10 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:01 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36401.D Vial: 12
Acq On : 15 Jun 2000 15:45 Operator: CMS
Sample : WG78945-04 10 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:01 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1648526	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1287209	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	617250	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	164593	9.89	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 39.56%#				
33) 1,2-Dichloroethane-d4	11.19	65	140076	9.79	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 39.16%#				
45) Toluene-d8	14.52	98	632107	9.63	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 38.52%#				
66) p-Bromofluorobenzene	19.40	95	243797	9.48	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 37.92%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	146388	9.15	UG/L	#	93
3) Chloromethane	3.44	50	126952	9.51	UG/L		99
4) Vinyl Chloride	3.66	62	109521	11.98	UG/L		94
5) Bromomethane	4.50	94	69996	9.67	UG/L		93
6) Chloroethane	4.67	64	63781	9.23	UG/L	#	85
7) Trichlorofluoromethane	5.16	101	167756	8.94	UG/L		99
8) Isoprene	5.77	67	186403	8.86	UG/L	#	80
9) Acrolein	5.99	56	3782	13.20	UG/L		89
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	117749	8.50	UG/L	#	100
11) Acetone	6.12	43	18451	11.24	UG/L	#	89
12) 1,1-Dichloroethene	6.36	96	121058	9.58	UG/L		96
13) Dimethyl Sulfide	6.66	62	146346	9.03	UG/L	#	77
14) Iodomethane	6.94	142	134835	9.83	UG/L		100
15) Methylene Chloride	7.26	84	174874	10.93	UG/L		96
16) Carbon Disulfide	7.30	76	563719	9.08	UG/L		99
17) Acrylonitrile	7.50	53	26835	9.76	UG/L		94
18) Methyl Tert Butyl Ether	7.57	73	221507	8.83	UG/L		98
19) trans-1,2-Dichloroethene	7.82	96	140323	9.15	UG/L		85
20) n-Hexane	7.94	57	181607	8.94	UG/L		91
21) Vinyl Acetate	8.58	43	184145	8.93	UG/L		98
22) 1,1-Dichloroethane	8.59	63	317700	9.49	UG/L		98
23) 2-Butanone	9.35	43	36065	10.01	UG/L		92
24) 2,2-Dichloropropane	9.60	77	233814	9.09	UG/L		100
25) cis-1,2-Dichloroethene	9.69	96	185874	9.59	UG/L	#	69
26) Chloroform	9.96	83	312088	9.61	UG/L		95
27) Bromochloromethane	10.25	128	77698	9.94	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36401.D Vial: 12
Acq On : 15 Jun 2000 15:45 Operator: CMS
Sample : WG78945-04 10 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:01 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.66	97	213801	9.33	UG/L		89
30)	Cyclohexane	10.70	56	285738	9.15	UG/L		88
31)	1,1-Dichloropropene	10.93	75	208980	9.31	UG/L	#	80
32)	Carbon Tetrachloride	11.12	117	166726	9.19	UG/L		99
34)	1,2-Dichloroethane	11.36	62	186818	9.73	UG/L		97
35)	Benzene	11.41	78	795789	9.66	UG/L		94
36)	Trichloroethene	12.46	130	182219	9.56	UG/L		96
37)	1,2-Dichloropropane	12.74	63	219704	9.95	UG/L	#	79
38)	Bromodichloromethane	13.16	83	244903	10.07	UG/L		97
39)	Dibromomethane	13.26	93	94651	10.20	UG/L	#	69
40)	2-Chloroethyl Vinyl Ether	13.61	63	92075	10.75	UG/L	#	89
41)	4-Methyl-2-Pentanone	13.67	58	38302	10.57	UG/L	#	85
42)	cis-1,3-Dichloropropene	14.07	75	309905	10.11	UG/L		92
43)	Dimethyl Disulfide	14.42	79	174690	9.80	UG/L		100
46)	Toluene	14.66	91	860969	9.71	ug/L		98
47)	Ethyl Methacrylate	14.85	69	182402	9.71	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.93	75	258753	9.83	ug/L		99
49)	1,1,2-Trichloroethane	15.22	97	119609	9.82	UG/L	#	89
50)	2-Hexanone	15.18	43	67182	9.86	UG/L		88
51)	1,3-Dichloropropane	15.66	76	257505	9.77	UG/L	#	81
52)	Tetrachloroethene	15.83	164	149196	9.73	UG/L	#	77
53)	Dibromochloromethane	16.18	129	145452	9.76	UG/L		99
54)	1,2-Dibromoethane	16.55	107	125746	9.88	UG/L		100
55)	1-Chlorohexane	16.73	91	297314	9.48	UG/L		99
56)	Chlorobenzene	17.28	112	510812	9.68	UG/L	#	68
57)	1,1,1,2-Tetrachloroethane	17.34	131	166952	9.84	UG/L		93
58)	Ethylbenzene	17.34	106	275702	9.88	UG/L		97
59)	m-,p-Xylene	17.48	106	668989	17.34	UG/L		99
60)	o-Xylene	18.29	106	332214	9.86	UG/L		98
61)	Styrene	18.34	104	581942	10.04	UG/L	#	85
62)	Bromoform	19.02	173	75085	9.96	UG/L	#	95
63)	Isopropylbenzene	18.91	105	828321	9.71	ug/L		95
65)	1,1,2,2-Tetrachloroethane	19.22	83	144346	9.67	UG/L		97
67)	1,2,3-Trichloropropane	19.49	110	32894	10.41	UG/L	#	88
68)	trans-1,4-Dichloro-2-Buten	19.57	53	38529	10.22	UG/L		95
69)	n-Propylbenzene	19.65	91	1085273	9.51	UG/L		99
70)	Bromobenzene	19.80	156	197838	9.44	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	666900	9.55	UG/L		97
72)	2-Chlorotoluene	20.02	91	703159	9.86	UG/L		99
73)	4-Chlorotoluene	20.09	91	627874	9.22	UG/L		97
74)	a-Methylstyrene	20.51	118	376828	9.43	UG/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36401.D Vial: 12
Acq On : 15 Jun 2000 15:45 Operator: CMS
Sample : WG78945-04 10 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:01 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

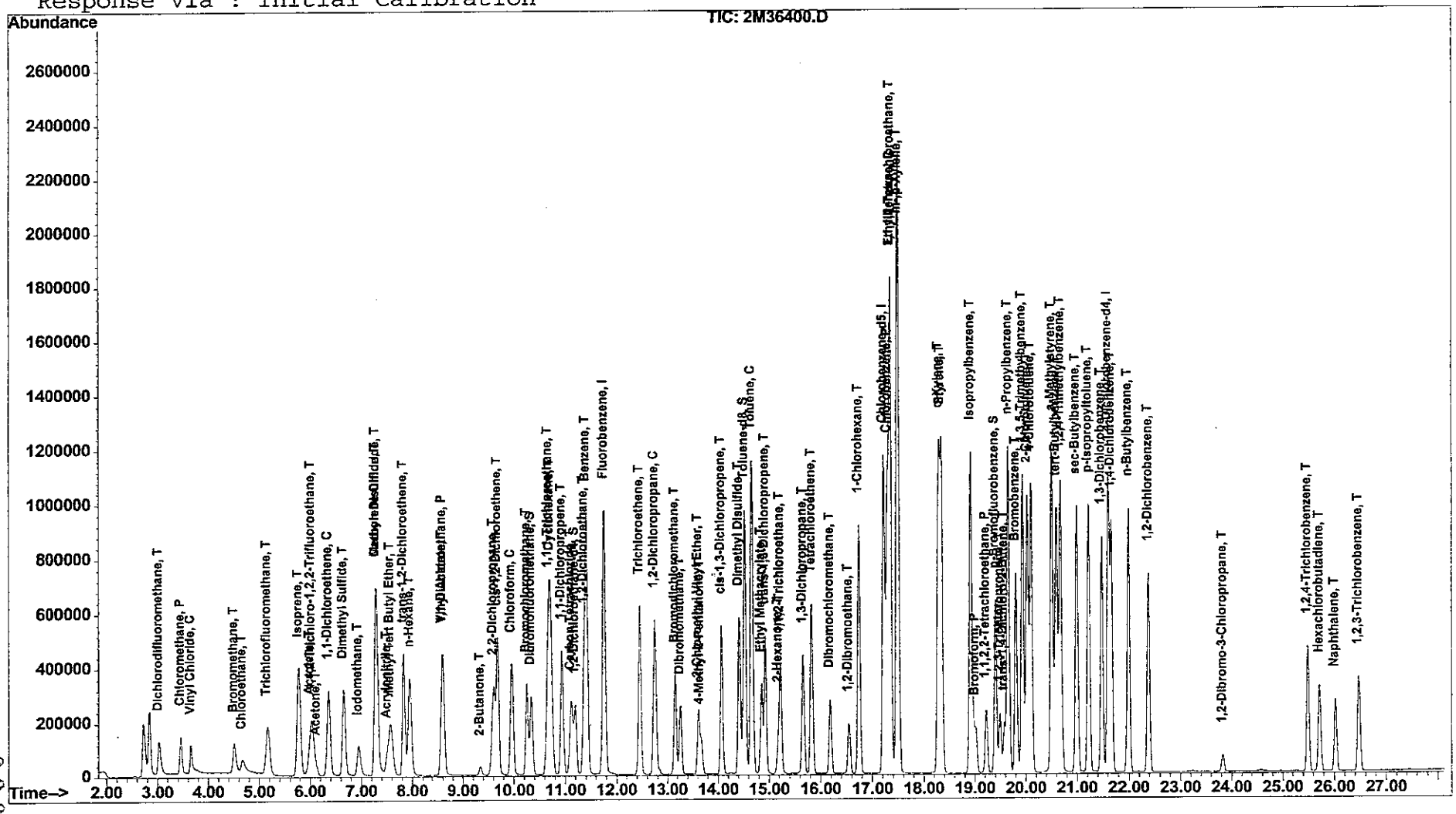
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.60	119	625767	9.54	UG/L		91
76)	1,2,4-Trimethylbenzene	20.68	105	661629	9.47	UG/L		94
77)	sec-Butylbenzene	20.99	105	782903	9.49	UG/L		99
78)	p-Isopropyltoluene	21.23	119	628996	9.52	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	385115	9.68	UG/L		92
80)	1,4-Dichlorobenzene	21.67	146	378960	9.48	UG/L		90
81)	n-Butylbenzene	21.99	91	604203	9.46	UG/L		98
82)	1,2-Dichlorobenzene	22.38	146	327860	9.65	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.82	157	19806	9.92	UG/L	#	76
84)	1,2,4-Trichlorobenzene	25.49	180	151091	9.53	UG/L	#	96
85)	Hexachlorobutadiene	25.72	225	64283	9.38	UG/L	#	91
86)	Naphthalene	26.02	128	230119	9.14	UG/L		97
87)	1,2,3-Trichlorobenzene	26.47	180	117543	9.72	UG/L	#	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36400.D Vial: 11
Acq On : 15 Jun 2000 15:11 Operator: CMS
Sample : WG78945-03 20 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:00 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36400.D Vial: 11
Acq On : 15 Jun 2000 15:11 Operator: CMS
Sample : WG78945-03 20 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:00 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1767771	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1289584	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	607423	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	348450	19.52	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 78.08%#				
33) 1,2-Dichloroethane-d4	11.19	65	299232	19.50	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 78.00%#				
45) Toluene-d8	14.52	98	1297756	19.73	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 78.92%#				
66) p-Bromofluorobenzene	19.39	95	500100	19.77	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 79.08%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	328278	19.14	UG/L		93
3) Chloromethane	3.45	50	287658	20.09	UG/L		99
4) Vinyl Chloride	3.66	62	230981	23.56	UG/L		97
5) Bromomethane	4.50	94	179325	23.09	UG/L		99
6) Chloroethane	4.66	64	147097	19.85	UG/L		89
7) Trichlorofluoromethane	5.16	101	438338	21.79	UG/L		98
8) Isoprene	5.77	67	482792	21.41	UG/L	#	81
9) Acrolein	5.99	56	8021	26.11	UG/L		96
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	315044	21.20	UG/L	#	100
11) Acetone	6.13	43	41825	23.75	UG/L	#	86
12) 1,1-Dichloroethene	6.36	96	296641	21.88	UG/L		95
13) Dimethyl Sulfide	6.65	62	375016	21.57	UG/L	#	76
14) Iodomethane	6.94	142	319505	21.72	UG/L		99
15) Methylene Chloride	7.27	84	383418	22.35	UG/L		96
16) Carbon Disulfide	7.29	76	1405618	21.11	UG/L		98
17) Acrylonitrile	7.50	53	67041	22.75	UG/L		92
18) Methyl Tert Butyl Ether	7.57	73	590971	21.98	UG/L		98
19) trans-1,2-Dichloroethene	7.82	96	349376	21.26	UG/L		87
20) n-Hexane	7.95	57	446483	20.49	UG/L		91
21) Vinyl Acetate	8.58	43	463691	20.96	UG/L		99
22) 1,1-Dichloroethane	8.59	63	741375	20.64	UG/L		98
23) 2-Butanone	9.34	43	86845	22.48	UG/L	#	92
24) 2,2-Dichloropropane	9.60	77	555044	20.12	UG/L		99
25) cis-1,2-Dichloroethene	9.68	96	422814	20.35	UG/L	#	67
26) Chloroform	9.95	83	683014	19.61	UG/L		96
27) Bromochloromethane	10.25	128	169772	20.26	UG/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36400.D Vial: 11
Acq On : 15 Jun 2000 15:11 Operator: CMS
Sample : WG78945-03 20 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:00 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.66	97	497094	20.22	UG/L		90
30)	Cyclohexane	10.71	56	693355	20.71	UG/L	#	88
31)	1,1-Dichloropropene	10.93	75	487531	20.24	UG/L	#	80
32)	Carbon Tetrachloride	11.12	117	396946	20.40	UG/L		98
34)	1,2-Dichloroethane	11.35	62	402471	19.56	UG/L		97
35)	Benzene	11.40	78	1748831	19.79	UG/L		94
36)	Trichloroethene	12.45	130	407911	19.95	UG/L		95
37)	1,2-Dichloropropane	12.74	63	467079	19.73	UG/L	#	81
38)	Bromodichloromethane	13.16	83	492688	18.88	UG/L		97
39)	Dibromomethane	13.26	93	192219	19.32	UG/L	#	69
40)	2-Chloroethyl Vinyl Ether	13.61	63	192301	20.94	UG/L	#	88
41)	4-Methyl-2-Pentanone	13.66	58	80789	20.79	UG/L	#	84
42)	cis-1,3-Dichloropropene	14.06	75	630804	19.19	UG/L		93
43)	Dimethyl Disulfide	14.41	79	376599	19.71	UG/L		98
46)	Toluene	14.65	91	1732733	19.50	ug/L		99
47)	Ethyl Methacrylate	14.85	69	376118	19.98	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.92	75	525698	19.92	ug/L		98
49)	1,1,2-Trichloroethane	15.22	97	244210	20.02	UG/L	#	88
50)	2-Hexanone	15.18	43	135975	19.93	UG/L		87
51)	1,3-Dichloropropane	15.66	76	521384	19.74	UG/L	#	81
52)	Tetrachloroethene	15.83	164	303352	19.75	UG/L	#	77
53)	Dibromochloromethane	16.18	129	297071	19.90	UG/L		99
54)	1,2-Dibromoethane	16.55	107	255173	20.02	UG/L		98
55)	1-Chlorohexane	16.73	91	614584	19.56	UG/L		100
56)	Chlorobenzene	17.29	112	1043838	19.74	UG/L	#	69
57)	1,1,1,2-Tetrachloroethane	17.34	131	338767	19.93	UG/L		92
58)	Ethylbenzene	17.34	106	552492	19.77	UG/L		97
59)	m-,p-Xylene	17.48	106	1342004	34.72	UG/L		99
60)	o-Xylene	18.29	106	672300	19.91	UG/L		99
61)	Styrene	18.34	104	1163361	20.03	UG/L	#	85
62)	Bromoform	19.02	173	155148	20.55	UG/L	#	95
63)	Isopropylbenzene	18.91	105	1696720	19.85	ug/L		96
65)	1,1,2,2-Tetrachloroethane	19.22	83	288878	19.67	UG/L		100
67)	1,2,3-Trichloropropane	19.49	110	64729	20.82	UG/L		90
68)	trans-1,4-Dichloro-2-Buten	19.57	53	82527	22.24	UG/L		98
69)	n-Propylbenzene	19.65	91	2189859	19.50	UG/L		100
70)	Bromobenzene	19.80	156	402836	19.53	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	1337187	19.45	UG/L		95
72)	2-Chlorotoluene	20.03	91	1425483	20.32	UG/L		99
73)	4-Chlorotoluene	20.09	91	1267632	18.92	UG/L		97
74)	a-Methylstyrene	20.51	118	780107	19.84	UG/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36400.D Vial: 11
Acq On : 15 Jun 2000 15:11 Operator: CMS
Sample : WG78945-03 20 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 21:00 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

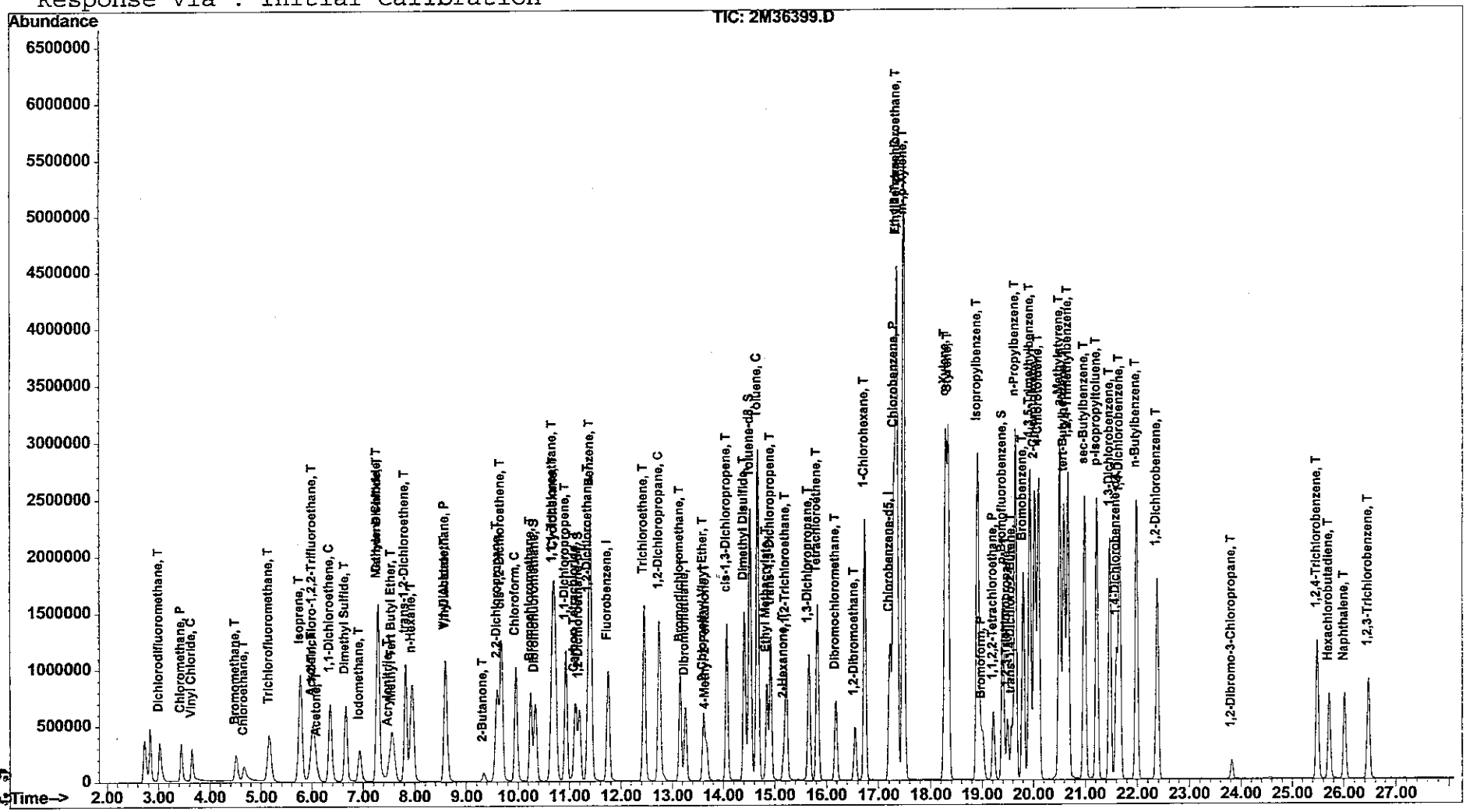
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.60	119	1279182	19.81	UG/L		92
76)	1,2,4-Trimethylbenzene	20.68	105	1339643	19.48	UG/L		95
77)	sec-Butylbenzene	20.99	105	1591661	19.61	UG/L		99
78)	p-Isopropyltoluene	21.23	119	1281710	19.71	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	771906	19.72	UG/L		93
80)	1,4-Dichlorobenzene	21.67	146	767539	19.51	UG/L		91
81)	n-Butylbenzene	21.99	91	1210904	19.27	UG/L		98
82)	1,2-Dichlorobenzene	22.38	146	667899	19.99	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.83	157	41177	20.95	UG/L	#	73
84)	1,2,4-Trichlorobenzene	25.49	180	310869	19.93	UG/L	#	94
85)	Hexachlorobutadiene	25.72	225	131373	19.48	UG/L	#	91
86)	Naphthalene	26.02	128	470207	18.98	UG/L		97
87)	1,2,3-Trichlorobenzene	26.47	180	231580	19.46	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36399.D Vial: 10
Acq On : 15 Jun 2000 14:36 Operator: CMS
Sample : WG78945-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 20:59 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36399.D Vial: 10
Acq On : 15 Jun 2000 14:36 Operator: CMS
Sample : WG78945-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 20:59 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.75	96	1759149	25.00	UG/L		0.00
44) Chlorobenzene-d5	17.22	117	1328074	25.00	UG/L		0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	612188	25.00	UG/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.33	111	867328	48.82	UG/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 195.28%#				
33) 1,2-Dichloroethane-d4	11.19	65	732931	48.00	UG/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 192.00%#				
45) Toluene-d8	14.52	98	3219493	47.52	UG/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 190.08%#				
66) p-Bromofluorobenzene	19.39	95	1235800	48.47	UG/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 193.88%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	832618	48.79	UG/L		93
3) Chloromethane	3.44	50	668177	46.90	UG/L		99
4) Vinyl Chloride	3.65	62	534879	54.82	UG/L		98
5) Bromomethane	4.49	94	354895	45.92	UG/L		100
6) Chloroethane	4.66	64	339763	46.08	UG/L		90
7) Trichlorofluoromethane	5.15	101	964662	48.18	UG/L		99
8) Isoprene	5.77	67	1163041	51.83	UG/L	#	81
9) Acrolein	5.99	56	30241	98.92	UG/L		86
10) 1,1,2-Trichloro-1,2,2-Trif	6.01	101	770082	52.07	UG/L	#	100
11) Acetone	6.11	43	90378	51.57	UG/L	#	83
12) 1,1-Dichloroethene	6.35	96	654006	48.48	UG/L		96
13) Dimethyl Sulfide	6.65	62	846261	48.92	UG/L	#	75
14) Iodomethane	6.94	142	766812	52.37	UG/L		99
15) Methylene Chloride	7.26	84	907981	53.18	UG/L		95
16) Carbon Disulfide	7.29	76	3136950	47.33	UG/L		99
17) Acrylonitrile	7.49	53	149988	51.15	UG/L		95
18) Methyl Tert Butyl Ether	7.56	73	1357797	50.75	UG/L		98
19) trans-1,2-Dichloroethene	7.82	96	819921	50.13	UG/L		88
20) n-Hexane	7.94	57	1058536	48.82	UG/L		91
21) Vinyl Acetate	8.58	43	1066083	48.43	UG/L		100
22) 1,1-Dichloroethane	8.59	63	1768088	49.47	UG/L		98
23) 2-Butanone	9.33	43	203041	52.80	UG/L	#	90
24) 2,2-Dichloropropane	9.59	77	1410932	51.41	UG/L		99
25) cis-1,2-Dichloroethene	9.68	96	1017097	49.20	UG/L	#	66
26) Chloroform	9.95	83	1696980	48.96	UG/L		95
27) Bromochloromethane	10.25	128	404960	48.57	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36399.D Vial: 10
Acq On : 15 Jun 2000 14:36 Operator: CMS
Sample : WG78945-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 20:59 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.66	97	1235847	50.52	UG/L		91
30)	Cyclohexane	10.70	56	1702930	51.11	UG/L	#	88
31)	1,1-Dichloropropene	10.93	75	1223593	51.06	UG/L	#	80
32)	Carbon Tetrachloride	11.12	117	990653	51.17	UG/L		99
34)	1,2-Dichloroethane	11.35	62	995650	48.62	UG/L		98
35)	Benzene	11.40	78	4294348	48.83	UG/L		94
36)	Trichloroethene	12.45	130	1012477	49.76	UG/L		94
37)	1,2-Dichloropropane	12.74	63	1162505	49.34	UG/L	#	81
38)	Bromodichloromethane	13.15	83	1274974	49.11	UG/L		97
39)	Dibromomethane	13.25	93	491507	49.64	UG/L	#	70
40)	2-Chloroethyl Vinyl Ether	13.61	63	484912	53.07	UG/L	#	89
41)	4-Methyl-2-Pentanone	13.67	58	201963	52.23	UG/L		87
42)	cis-1,3-Dichloropropene	14.06	75	1607855	49.16	UG/L		93
43)	Dimethyl Disulfide	14.41	79	965752	50.80	UG/L		98
46)	Toluene	14.65	91	4368432	47.74	ug/L		99
47)	Ethyl Methacrylate	14.84	69	961480	49.59	UG/L	#	90
48)	trans-1,3-Dichloropropene	14.92	75	1343338	49.44	ug/L		98
49)	1,1,2-Trichloroethane	15.22	97	617463	49.15	UG/L	#	89
50)	2-Hexanone	15.17	43	349336	49.72	UG/L		87
51)	1,3-Dichloropropane	15.65	76	1323771	48.66	UG/L	#	80
52)	Tetrachloroethene	15.82	164	760662	48.08	UG/L	#	77
53)	Dibromochloromethane	16.18	129	766596	49.87	UG/L		99
54)	1,2-Dibromoethane	16.55	107	646720	49.27	UG/L		98
55)	1-Chlorohexane	16.73	91	1561028	48.25	UG/L		99
56)	Chlorobenzene	17.29	112	2633730	48.37	UG/L	#	70
57)	1,1,1,2-Tetrachloroethane	17.34	131	860370	49.14	UG/L		93
58)	Ethylbenzene	17.34	106	1373365	47.72	UG/L		97
59)	m-,p-Xylene	17.48	106	3290204	82.66	UG/L		99
60)	o-Xylene	18.28	106	1665072	47.87	UG/L		98
61)	Styrene	18.34	104	2909270	48.64	UG/L	#	85
62)	Bromoform	19.01	173	392959	50.54	UG/L	#	96
63)	Isopropylbenzene	18.90	105	4215700	47.90	ug/L		95
65)	1,1,2,2-Tetrachloroethane	19.22	83	732210	49.48	UG/L		99
67)	1,2,3-Trichloropropane	19.49	110	161358	51.49	UG/L	#	87
68)	trans-1,4-Dichloro-2-Buten	19.57	53	208321	55.70	UG/L		98
69)	n-Propylbenzene	19.64	91	5521496	48.79	UG/L		100
70)	Bromobenzene	19.80	156	1009872	48.57	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	3288354	47.46	UG/L		95
72)	2-Chlorotoluene	20.02	91	3333857	47.16	UG/L		98
73)	4-Chlorotoluene	20.09	91	3330254	49.33	UG/L		97
74)	a-Methylstyrene	20.50	118	1883919	47.55	UG/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36399.D Vial: 10
Acq On : 15 Jun 2000 14:36 Operator: CMS
Sample : WG78945-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 20:59 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

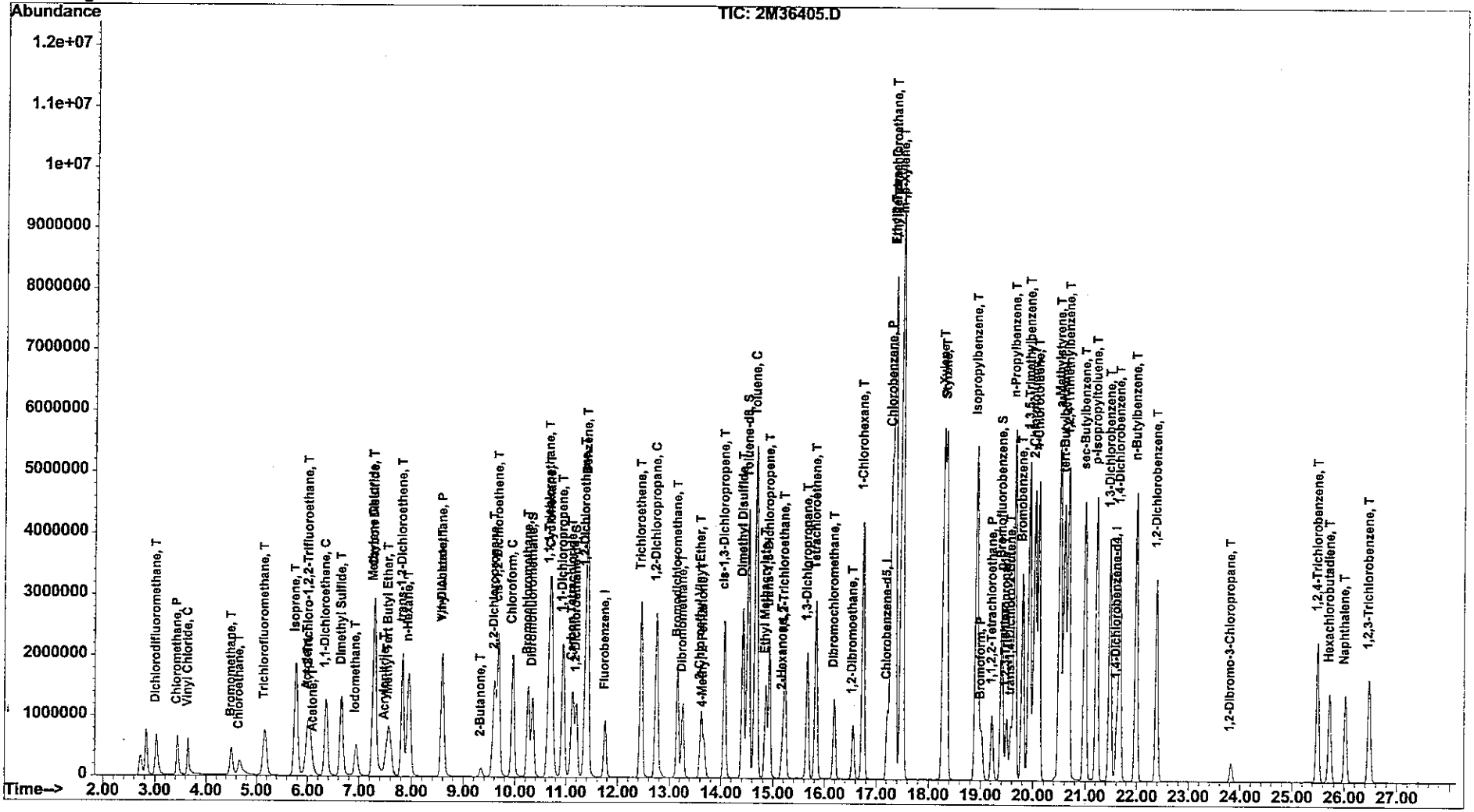
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) tert-Butylbenzene	20.59	119	3138267	48.22	UG/L		92
76) 1,2,4-Trimethylbenzene	20.67	105	3275477	47.27	UG/L		93
77) sec-Butylbenzene	20.98	105	3928525	48.01	UG/L		100
78) p-Isopropyltoluene	21.22	119	3179089	48.50	UG/L		99
79) 1,3-Dichlorobenzene	21.47	146	1907150	48.35	UG/L		93
80) 1,4-Dichlorobenzene	21.66	146	1898821	47.90	UG/L		93
81) n-Butylbenzene	21.98	91	3109030	49.08	UG/L		99
82) 1,2-Dichlorobenzene	22.37	146	1622143	48.16	UG/L		92
83) 1,2-Dibromo-3-Chloropropan	23.82	157	104284	52.65	UG/L	#	75
84) 1,2,4-Trichlorobenzene	25.49	180	808092	51.39	UG/L	#	95
85) Hexachlorobutadiene	25.72	225	317858	46.77	UG/L	#	92
86) Naphthalene	26.02	128	1308288	52.40	UG/L		98
87) 1,2,3-Trichlorobenzene	26.47	180	605303	50.47	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D Vial: 16
Acq On : 15 Jun 2000 18:15 Operator: CMS
Sample : WG78945-08 100 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:34 2000 Quant Results File: M8260WT.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D Vial: 16
Acq On : 15 Jun 2000 18:15 Operator: CMS
Sample : WG78945-08 100 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:34 2000 Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.76	96	1689259	25.00	UG/L		0.04
44) Chlorobenzene-d5	17.22	117	1243287	25.00	UG/L		0.03
64) 1,4-Dichlorobenzene-d4	21.60	152	567590	25.00	UG/L		0.02
System Monitoring Compounds							
28) Dibromofluoromethane	10.34	111	1660373	105.28	UG/L		0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 421.12%#				
33) 1,2-Dichloroethane-d4	11.19	65	1442832	108.02	UG/L		0.03
Spiked Amount 25.000	Range 80 - 120		Recovery = 432.08%#				
45) Toluene-d8	14.51	98	6009327	96.70	UG/L		0.03
Spiked Amount 25.000	Range 88 - 110		Recovery = 386.80%#				
66) p-Bromofluorobenzene	19.39	95	2322365	92.68	UG/L		0.02
Spiked Amount 25.000	Range 86 - 115		Recovery = 370.72%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.02	85	1572876	63.11	UG/L		94
3) Chloromethane	3.44	50	1246381	87.14	UG/L		100
4) Vinyl Chloride	3.64	62	939383	82.92	UG/L		98
5) Bromomethane	4.50	94	704366	82.72	UG/L		99
6) Chloroethane	4.66	64	662660	90.71	UG/L		91
7) Trichlorofluoromethane	5.16	101	1781656	80.10	UG/L		99
8) Isoprene	5.76	67	2296070	112.17	UG/L	#	82
9) Acrolein	5.99	56	52638	61.13	UG/L	#	80
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	1483332	93.29	UG/L	#	100
11) Acetone	6.12	43	163336	86.67	UG/L	#	82
12) 1,1-Dichloroethene	6.35	96	1189466	81.48	UG/L		95
13) Dimethyl Sulfide	6.65	62	1634320	116.75	UG/L	#	76
14) Iodomethane	6.94	142	1456004	76.28	UG/L		99
15) Methylene Chloride	7.26	84	1695174	112.35	UG/L		95
16) Carbon Disulfide	7.29	76	6138666	109.07	UG/L		99
17) Acrylonitrile	7.49	53	288533	118.04	UG/L		93
18) Methyl Tert Butyl Ether	7.56	73	2560555	118.62	UG/L		97
19) trans-1,2-Dichloroethene	7.82	96	1573578	96.95	UG/L		86
20) n-Hexane	7.94	57	2070548	123.62	UG/L		90
21) Vinyl Acetate	8.58	43	2008669	130.08	UG/L		100
22) 1,1-Dichloroethane	8.59	63	3394780	109.14	UG/L		98
23) 2-Butanone	9.34	43	368192	107.71	UG/L	#	87
24) 2,2-Dichloropropane	9.60	77	2742650	96.53	UG/L		99
25) cis-1,2-Dichloroethene	9.68	96	1937400	116.74	UG/L	#	65
26) Chloroform	9.95	83	3289934	120.90	UG/L		96
27) Bromochloromethane	10.25	128	775098	111.31	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D Vial: 16
Acq On : 15 Jun 2000 18:15 Operator: CMS
Sample : WG78945-08 100 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:34 2000 Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29) 1,1,1-Trichloroethane	10.66	97	2426233	94.16	UG/L		91
30) Cyclohexane	10.71	56	3213510	128.15	UG/L		88
31) 1,1-Dichloropropene	10.93	75	2394742	121.14	UG/L	#	80
32) Carbon Tetrachloride	11.11	117	1976392	92.93	UG/L		98
34) 1,2-Dichloroethane	11.36	62	1943073	118.78	UG/L		98
35) Benzene	11.40	78	8238699	112.12	UG/L		93
36) Trichloroethene	12.45	130	1949009	106.84	UG/L		96
37) 1,2-Dichloropropane	12.74	63	2237608	128.48	UG/L	#	82
38) Bromodichloromethane	13.15	83	2434724	110.78	UG/L		97
39) Dibromomethane	13.26	93	918111	109.99	UG/L	#	69
40) 2-Chloroethyl Vinyl Ether	13.61	63	910258	257.26	UG/L	#	89
41) 4-Methyl-2-Pentanone	13.67	58	362589	104.31	UG/L	#	86
42) cis-1,3-Dichloropropene	14.06	75	3050830	114.36	UG/L		93
43) Dimethyl Disulfide	14.42	79	1823610	111.60	UG/L		98
46) Toluene	14.65	91	8237153	108.15	ug/L		99
47) Ethyl Methacrylate	14.85	69	1719814	117.74	UG/L	#	90
48) trans-1,3-Dichloropropene	14.92	75	2489568	119.83	ug/L		97
49) 1,1,2-Trichloroethane	15.22	97	1157914	113.60	UG/L	#	89
50) 2-Hexanone	15.18	43	600970	113.07	UG/L		86
51) 1,3-Dichloropropane	15.66	76	2467755	122.66	UG/L	#	80
52) Tetrachloroethene	15.83	164	1438297	99.70	UG/L	#	76
53) Dibromochloromethane	16.18	129	1464165	104.90	UG/L		100
54) 1,2-Dibromoethane	16.55	107	1222442	107.92	UG/L		98
55) 1-Chlorohexane	16.73	91	2921693	107.28	UG/L		100
56) Chlorobenzene	17.28	112	4873498m	97.64	UG/L		
57) 1,1,1,2-Tetrachloroethane	17.34	131	1583235	98.50	UG/L		94
58) Ethylbenzene	17.34	106	2542357	98.94	UG/L		98
59) m-,p-Xylene	17.48	106	6050079	194.93	UG/L		99
60) o-Xylene	18.29	106	3148197	99.52	UG/L		99
61) Styrene	18.34	104	5400654	99.89	UG/L	#	84
62) Bromoform	19.02	173	731855	89.89	UG/L	#	95
63) Isopropylbenzene	18.91	105	7956702	100.18	ug/L		95
65) 1,1,2,2-Tetrachloroethane	19.22	83	1335320	110.13	UG/L		99
67) 1,2,3-Trichloropropane	19.49	110	299251	101.14	UG/L		91
68) trans-1,4-Dichloro-2-Buten	19.57	53	384493	109.54	UG/L		99
69) n-Propylbenzene	19.65	91	10378720	107.43	UG/L		100
70) Bromobenzene	19.80	156	1897173	97.60	UG/L		97
71) 1,3,5-Trimethylbenzene	19.93	105	6226830	101.40	UG/L		96
72) 2-Chlorotoluene	20.02	91	6552024	105.88	UG/L		98
73) 4-Chlorotoluene	20.09	91	5945332	99.40	UG/L		97
74) a-Methylstyrene	20.51	118	3592915	105.12	UG/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D Vial: 16
Acq On : 15 Jun 2000 18:15 Operator: CMS
Sample : WG78945-08 100 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:34 2000 Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

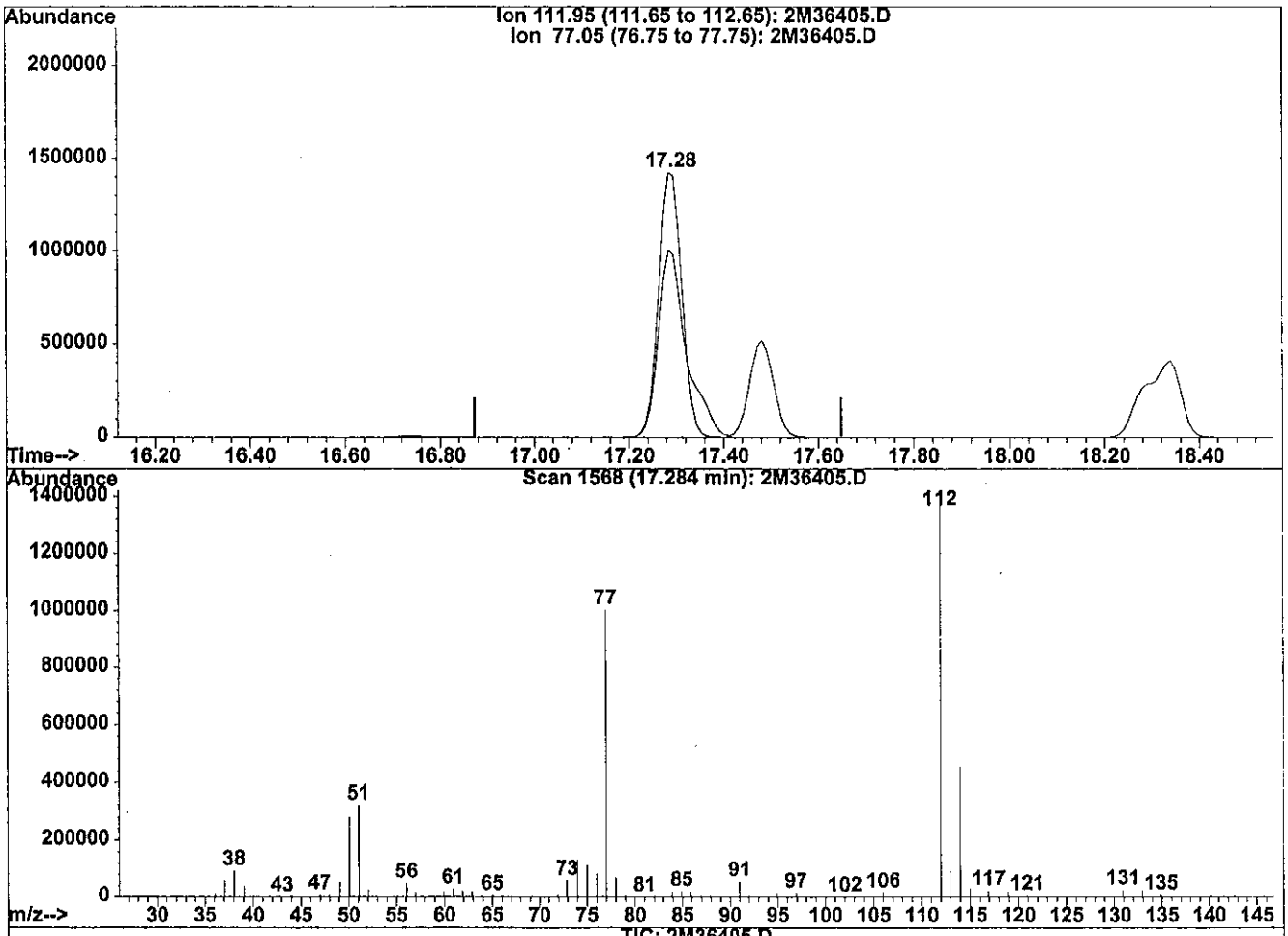
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.60	119	5942012	106.47	UG/L		91
76)	1,2,4-Trimethylbenzene	20.67	105	6258318	101.57	UG/L		95
77)	sec-Butylbenzene	20.99	105	7466465	107.74	UG/L		100
78)	p-Isopropyltoluene	21.23	119	6049896	105.50	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	3560734	103.10	UG/L		92
80)	1,4-Dichlorobenzene	21.67	146	3549943	104.23	UG/L		93
81)	n-Butylbenzene	21.99	91	6007117	111.90	UG/L		99
82)	1,2-Dichlorobenzene	22.38	146	3021631	103.61	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.83	157	189260	103.63	UG/L	#	74
84)	1,2,4-Trichlorobenzene	25.49	180	1538578	96.90	UG/L	#	95
85)	Hexachlorobutadiene	25.72	225	610186	88.80	UG/L	#	91
86)	Naphthalene	26.02	128	2510743	95.79	UG/L		97
87)	1,2,3-Trichlorobenzene	26.47	180	1145265	97.63	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D Vial: 16
Acq On : 15 Jun 2000 18:15 Operator: CMS
Sample : WG78945-08 100 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
Quant Time: Jun 15 19:33 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Multiple Level Calibration



(56) Chlorobenzene (P)

17.28min 97.89UG/L

response 4885838

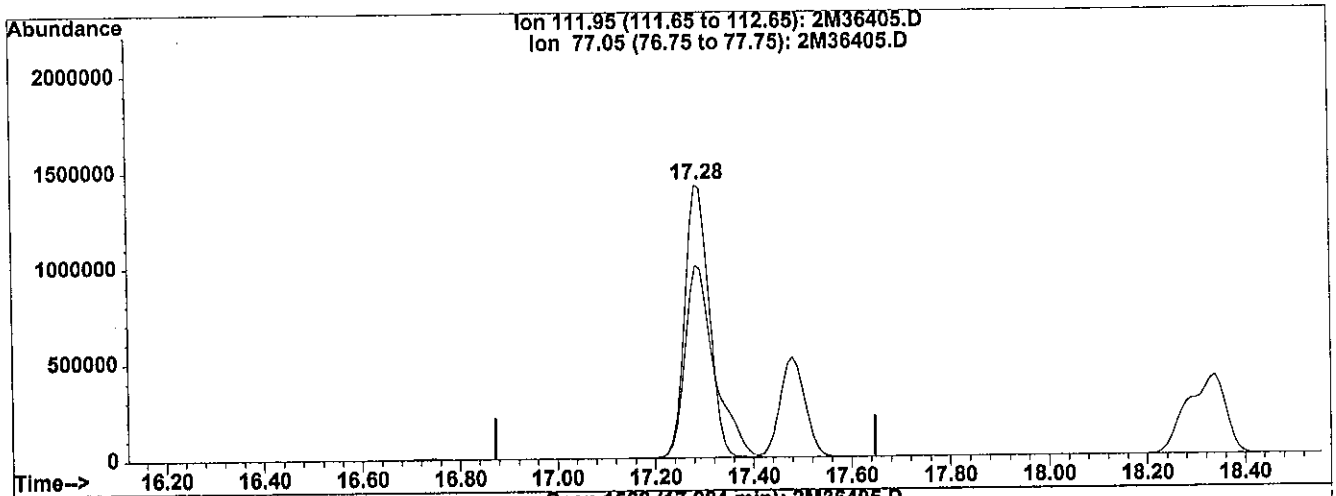
Ion	Exp%	Act%
111.95	100	100
77.05	63.40	85.76#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36405.D
Acq On : 15 Jun 2000 18:15
Sample : WG78945-08 100 PPB STD M8260 10ML
Misc : WATER,1
Quant Time: Jun 15 19:34 2000

Vial: 16
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Multiple Level Calibration



TIC: 2M36405.D

(56) Chlorobenzene (P)

17.28min 97.64UG/L m

response 4873498

Ion	Exp%	Act%
111.95	100	100
77.05	63.40	85.98#
0.00	0.00	0.00
0.00	0.00	0.00

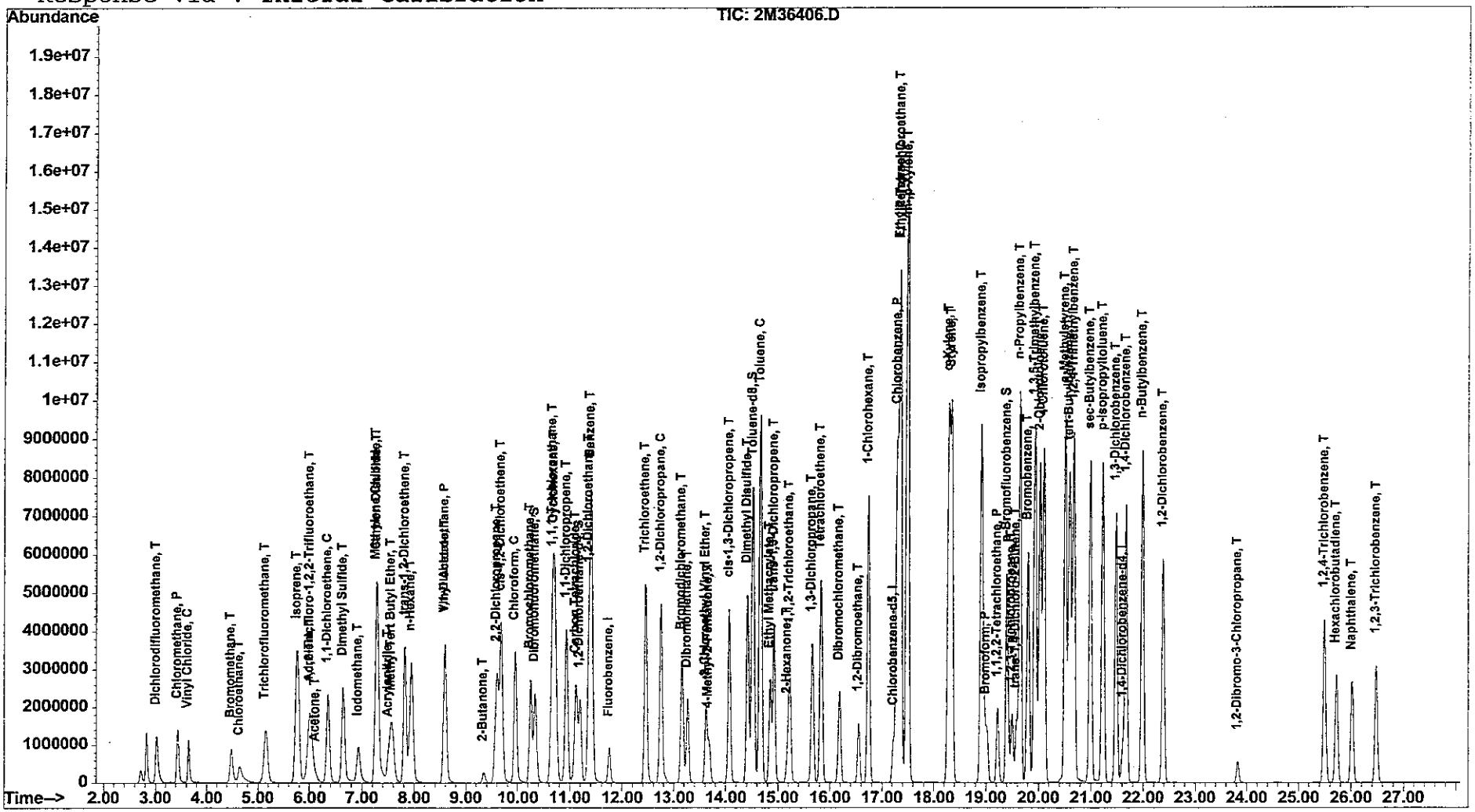
ff 6-15-00

Chris 6/16/00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D Vial: 17
Acq On : 15 Jun 2000 18:50 Operator: CMS
Sample : WG78945-09 200 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:32 2000 Quant Results File: M8260WT.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Thu Jun 15 20:18:36 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D
Acq On : 15 Jun 2000 18:50
Sample : WG78945-09 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 15 19:32 2000

Vial: 17
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1618356	25.00	UG/L	0.04
44) Chlorobenzene-d5	17.22	117	1200946	25.00	UG/L	0.04
64) 1,4-Dichlorobenzene-d4	21.61	152	534923	25.00	UG/L	0.03
System Monitoring Compounds						
28) Dibromofluoromethane	10.33	111	3052926	202.05	UG/L	0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 808.20%#			
33) 1,2-Dichloroethane-d4	11.19	65	2575650	201.28	UG/L	0.03
Spiked Amount 25.000	Range 80 - 120		Recovery = 805.12%#			
45) Toluene-d8	14.52	98	10975362	182.84	UG/L	0.04
Spiked Amount 25.000	Range 88 - 110		Recovery = 731.36%#			
66) p-Bromofluorobenzene	19.40	95	4251797	180.04	UG/L	0.03
Spiked Amount 25.000	Range 86 - 115		Recovery = 720.16%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	2856858	119.65	UG/L	93
3) Chloromethane	3.44	50	2514716	170.97	UG/L	99
4) Vinyl Chloride	3.63	62	1778863	152.60	UG/L	98
5) Bromomethane	4.48	94	1445012	177.13	UG/L	99
6) Chloroethane	4.65	64	1249945	178.60	UG/L	91
7) Trichlorofluoromethane	5.14	101	3434849	161.19	UG/L	99
8) Isoprene	5.76	67	4377325	286.10	UG/L #	81
9) Acrolein	6.00	56	116016	147.02	UG/L	94
10) 1,1,2-Trichloro-1,2,2-Trif	6.01	101	2780666	234.67	UG/L #	100
11) Acetone	6.13	43	323399	179.13	UG/L #	80
12) 1,1-Dichloroethene	6.34	96	2203755	178.85	UG/L	96
13) Dimethyl Sulfide	6.65	62	3075619	229.35	UG/L #	76
14) Iodomethane	6.93	142	2758484	150.85	UG/L	98
15) Methylene Chloride	7.26	84	3097428	214.28	UG/L	93
16) Carbon Disulfide	7.29	76	11507820	213.43	UG/L	99
17) Acrylonitrile	7.50	53	556113	237.47	UG/L	95
18) Methyl Tert Butyl Ether	7.56	73	4990088	241.30	UG/L	98
19) trans-1,2-Dichloroethene	7.82	96	2871660	227.86	UG/L	88
20) n-Hexane	7.94	57	3861815	240.67	UG/L	91
21) Vinyl Acetate	8.58	43	3719378	251.41	UG/L	100
22) 1,1-Dichloroethane	8.59	63	6027055	263.85	UG/L	98
23) 2-Butanone	9.34	43	704603	215.15	UG/L #	89
24) 2,2-Dichloropropane	9.59	77	5100873	187.39	UG/L	99
25) cis-1,2-Dichloroethene	9.67	96	3515844	221.14	UG/L #	67
26) Chloroform	9.95	83	5987683	229.68	UG/L	96
27) Bromochloromethane	10.25	128	1417908	212.54	UG/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D Vial: 17
Acq On : 15 Jun 2000 18:50 Operator: CMS
Sample : WG78945-09 200 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:32 2000 Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29) 1,1,1-Trichloroethane	10.66	97	4485075	181.69	UG/L		93
30) Cyclohexane	10.71	56	5881516	244.83	UG/L		89
31) 1,1-Dichloropropene	10.94	75	4443201	234.61	UG/L	#	80
32) Carbon Tetrachloride	11.11	117	3688150	181.02	UG/L		98
34) 1,2-Dichloroethane	11.36	62	3405076	217.27	UG/L		98
35) Benzene	11.41	78	14732612	209.27	UG/L		93
36) Trichloroethene	12.45	130	3570884	204.32	UG/L		94
37) 1,2-Dichloropropane	12.75	63	3979703	238.52	UG/L	#	82
38) Bromodichloromethane	13.15	83	4361678	207.14	UG/L		97
39) Dibromomethane	13.26	93	1647161	205.97	UG/L	#	71
40) 2-Chloroethyl Vinyl Ether	13.62	63	1656817	371.36	UG/L	#	88
41) 4-Methyl-2-Pentanone	13.67	58	653463	196.22	UG/L		87
42) cis-1,3-Dichloropropene	14.07	75	5422406	212.16	UG/L		93
43) Dimethyl Disulfide	14.41	79	3279177	209.47	UG/L		98
46) Toluene	14.66	91	14710964	199.97	ug/L		99
47) Ethyl Methacrylate	14.85	69	3048215	216.03	UG/L	#	91
48) trans-1,3-Dichloropropene	14.93	75	4500531	224.26	ug/L		98
49) 1,1,2-Trichloroethane	15.22	97	2064675	209.70	UG/L		89
50) 2-Hexanone	15.17	43	1060612	206.59	UG/L		87
51) 1,3-Dichloropropane	15.66	76	4399948	226.41	UG/L	#	80
52) Tetrachloroethene	15.82	164	2637128	189.25	UG/L	#	78
53) Dibromochloromethane	16.19	129	2662017	197.44	UG/L		99
54) 1,2-Dibromoethane	16.55	107	2177749	199.04	UG/L		98
55) 1-Chlorohexane	16.74	91	5305692	201.68	UG/L		98
56) Chlorobenzene	17.29	112	8603629m	178.46	UG/L		
57) 1,1,1,2-Tetrachloroethane	17.34	131	2734927	176.15	UG/L		94
58) Ethylbenzene	17.35	106	4322238	174.14	UG/L		96
59) m-,p-Xylene	17.49	106	10403345	347.02	UG/L		99
60) o-Xylene	18.29	106	5579313	182.58	UG/L		98
61) Styrene	18.35	104	9488985	181.70	UG/L	#	84
62) Bromoform	19.02	173	1349992	171.66	UG/L	#	95
63) Isopropylbenzene	18.91	105	14318393	186.64	ug/L		95
65) 1,1,2,2-Tetrachloroethane	19.22	83	2416401	211.46	UG/L		99
67) 1,2,3-Trichloropropane	19.50	110	538670	193.18	UG/L		90
68) trans-1,4-Dichloro-2-Buten	19.58	53	696018	210.40	UG/L		97
69) n-Propylbenzene	19.65	91	18711826	205.52	UG/L		99
70) Bromobenzene	19.80	156	3443372	187.96	UG/L		98
71) 1,3,5-Trimethylbenzene	19.93	105	11391399	196.83	UG/L		96
72) 2-Chlorotoluene	20.03	91	11234661	192.64	UG/L		98
73) 4-Chlorotoluene	20.10	91	11522589	204.41	UG/L		97
74) a-Methylstyrene	20.50	118	6387658	198.31	UG/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D Vial: 17
Acq On : 15 Jun 2000 18:50 Operator: CMS
Sample : WG78945-09 200 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 15 19:32 2000 Quant Results File: M8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Initial Calibration
DataAcq Meth : M8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.59	119	10778395	204.92	UG/L		91
76)	1,2,4-Trimethylbenzene	20.67	105	11199074	192.86	UG/L		93
77)	sec-Butylbenzene	20.99	105	13714533	209.99	UG/L		100
78)	p-Isopropyltoluene	21.22	119	10967078	202.92	UG/L		100
79)	1,3-Dichlorobenzene	21.48	146	6403377	196.73	UG/L		92
80)	1,4-Dichlorobenzene	21.67	146	6370602	198.47	UG/L		93
81)	n-Butylbenzene	21.98	91	11100063	219.40	UG/L		99
82)	1,2-Dichlorobenzene	22.39	146	5441921	198.00	UG/L		92
83)	1,2-Dibromo-3-Chloropropan	23.83	157	347114	201.67	UG/L	#	76
84)	1,2,4-Trichlorobenzene	25.49	180	2903660	194.04	UG/L	#	95
85)	Hexachlorobutadiene	25.72	225	1206446	186.29	UG/L	#	92
86)	Naphthalene	26.02	128	4746470	192.15	UG/L		98
87)	1,2,3-Trichlorobenzene	26.48	180	2171105	196.39	UG/L	#	95

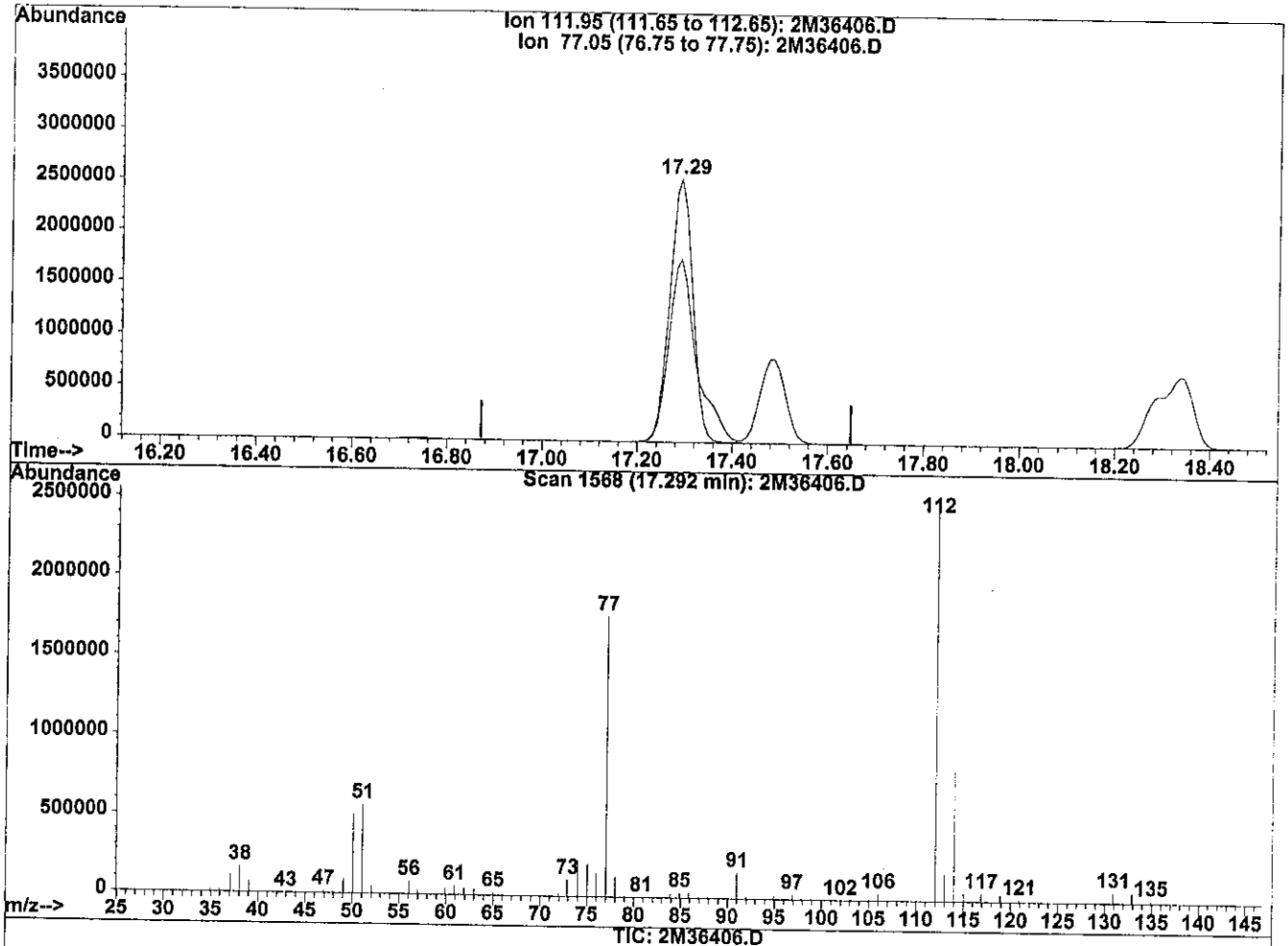
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D
Acq On : 15 Jun 2000 18:50
Sample : WG78945-09 200 PPB STD M8260 10ML
Misc : WATER,1
Quant Time: Jun 15 19:31 2000

Vial: 17
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Multiple Level Calibration



(56) Chlorobenzene (P)

17.29min 178.71UG/L

response 8615802

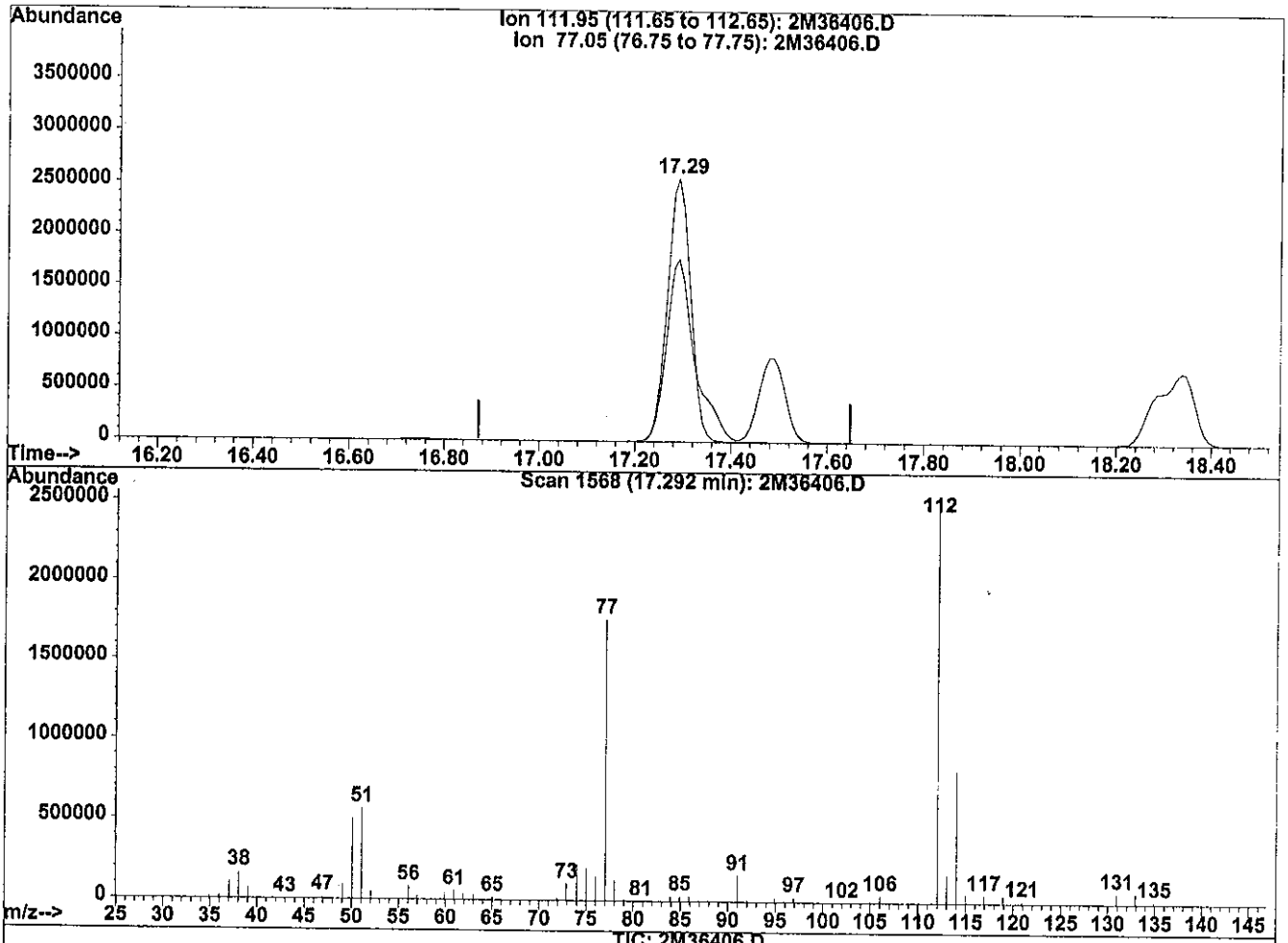
Ion	Exp%	Act%
111.95	100	100
77.05	63.40	84.58#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061500\2M36406.D
Acq On : 15 Jun 2000 18:50
Sample : WG78945-09 200 PPB STD M8260 10ML
Misc : WATER,1
Quant Time: Jun 15 19:32 2000

Vial: 17
Operator: CMS
Inst : HPMS2
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\M8260WT.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Wed Jun 14 07:25:29 2000
Response via : Multiple Level Calibration



(56) Chlorobenzene (P)

17.29min 178.46UG/L m

response 8603629

Ion	Exp%	Act%
111.95	100	100
77.05	63.40	84.70#
0.00	0.00	0.00
0.00	0.00	0.00

Rej 6.15.00
CMS 6/16/00

649

2M36406.D M8260WT.M Thu Jun 15 19:32:25 2000 HPMS2

Calibration Table Report

Method: 8260WTR.M

Title: Method 8260B Water Analysis 06/16/00 HPMS10

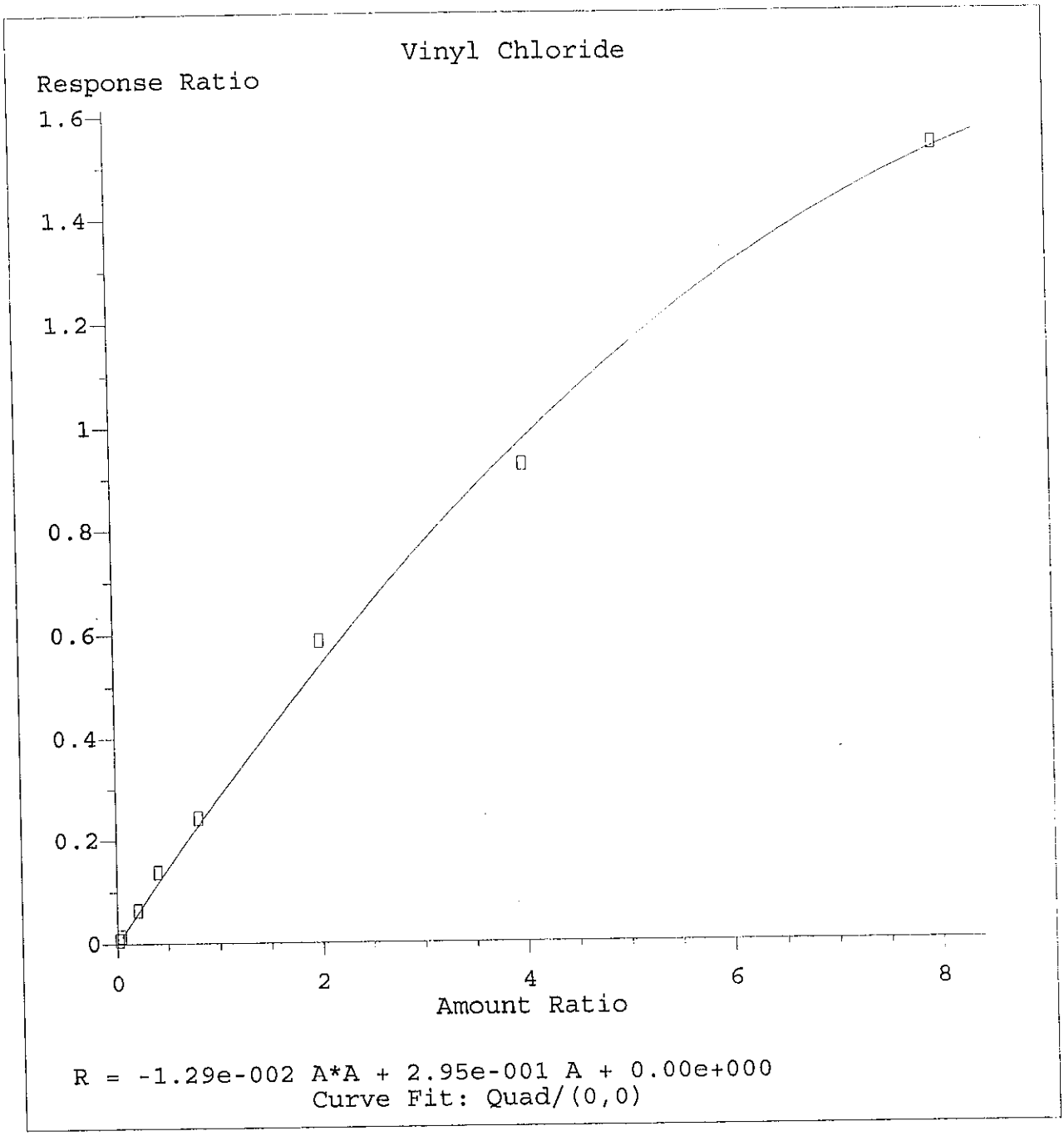
Last Calibration: Sat Jun 17 12:37:29 2000

Calibration Files

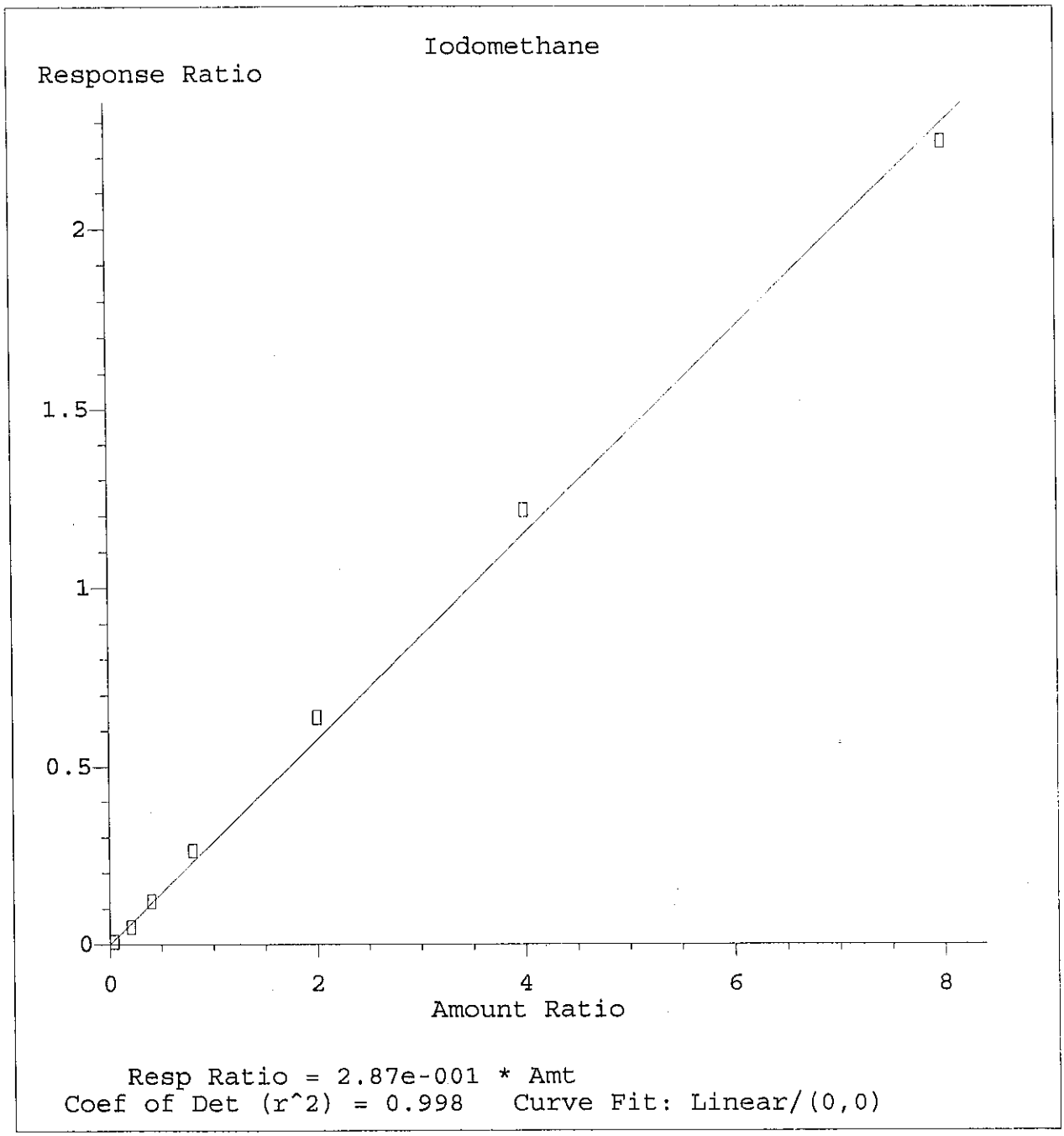
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I	Fluorobenzene	ISTD										
T	Dichlorodifluoromethane	0.424	0.441	0.410	0.478	0.446	0.392	0.465	0.371	0.428	8.487	
P	Chloromethane		0.321	0.262	0.293	0.278	0.250	0.270	0.230	0.272	10.876	
C	Vinyl Chloride	0.374	0.369	0.322	0.345	0.303	0.192	0.293	0.231	0.304	21.182	QR,F
T	Bromomethane	0.319	0.292	0.245	0.263	0.248	0.208	0.247	0.223	0.256	13.957	
T	Chloroethane	0.253	0.238	0.215	0.241	0.231	0.182	0.228	0.195	0.223	10.799	
T	Trichlorofluoromethane	0.534	0.561	0.513	0.591	0.547	0.458	0.558	0.445	0.526	9.733	
T	Isoprene		0.379	0.399	0.502	0.511	0.521	0.557	0.498	0.481	13.729	
T	Acrolein			0.023	0.025	0.030	0.031	0.031	0.031	0.028	12.154	
T	1,1,2-Trichloro-1,2,2-Trifluoroet	0.326	0.355	0.330	0.391	0.365	0.351	0.382	0.322	0.353	7.309	
T	Acetone			0.066	0.070	0.064	0.050	0.064	0.061	0.062	10.857	
C	1,1-Dichloroethene	0.207	0.240	0.245	0.284	0.281	0.289	0.309	0.280	0.267	12.383	
T	Dimethyl Sulfide			0.330	0.385	0.409	0.385	0.423	0.419	0.392	8.801	
T	Iodomethane		0.138	0.185	0.253	0.299	0.269	0.319	0.298	0.251	26.462	LR,F
T	Methylene Chloride	0.415	0.368	0.323	0.326	0.321	0.306	0.333	0.324	0.340	10.365	
T	Carbon Disulfide	0.974	1.017	0.973	1.121	1.122	1.104	1.188	1.103	1.075	7.272	
T	Acrylonitrile		0.061	0.073	0.086	0.087	0.080	0.087	0.088	0.080	12.761	
T	Methyl Tert Butyl Ether			0.569	0.663	0.726	0.744	0.763	0.808	0.712	11.904	
T	trans-1,2-Dichloroethene	0.259	0.278	0.288	0.319	0.321	0.329	0.351	0.330	0.309	10.011	
T	n-Hexane			0.504	0.650	0.636	0.638	0.700	0.607	0.623	10.553	
T	Vinyl Acetate		0.278	0.358	0.472	0.531	0.480	0.557	0.556	0.462	23.042	QR,F
P	1,1-Dichloroethane	0.770	0.827	0.814	0.847	0.831	0.759	0.859	0.799	0.813	4.354	
T	2-Butanone			0.068	0.088	0.090	0.093	0.096	0.101	0.089	12.691	
T	2,2-Dichloropropane	0.574	0.623	0.625	0.696	0.691	0.677	0.741	0.688	0.664	7.990	
T	cis-1,2-Dichloroethene	0.255	0.275	0.320	0.365	0.368	0.366	0.392	0.377	0.340	14.941	
C	Chloroform	0.760	0.769	0.732	0.759	0.733	0.686	0.758	0.720	0.740	3.744	
T	Bromochloromethane	0.118	0.120	0.119	0.124	0.123	0.119	0.129	0.127	0.122	3.323	
S	Dibromofluoromethane	0.342	0.321	0.354	0.370	0.367	0.344	0.376	0.359	0.354	5.070	
T	1,1,1-Trichloroethane	0.649	0.721	0.695	0.746	0.724	0.678	0.764	0.691	0.708	5.308	
T	Cyclohexane			0.632	0.821	0.812	0.752	0.883	0.762	0.777	10.951	
T	1,1-Dichloropropene		0.357	0.401	0.467	0.467	0.467	0.510	0.464	0.448	11.480	
T	Carbon Tetrachloride	0.507	0.579	0.562	0.617	0.587	0.552	0.627	0.554	0.573	6.729	
S	1,2-Dichloroethane-d4	0.483	0.459	0.492	0.505	0.491	0.412	0.481	0.457	0.472	6.234	
T	1,2-Dichloroethane	0.591	0.624	0.611	0.625	0.605	0.514	0.604	0.579	0.594	6.055	
T	Benzene	1.256	1.342	1.386	1.497	1.488	1.529	1.589	1.549	1.455	7.890	
T	Trichloroethene	0.258	0.268	0.272	0.314	0.319	0.336	0.350	0.334	0.306	11.528	
C	1,2-Dichloropropane	0.357	0.344	0.371	0.401	0.401	0.382	0.423	0.410	0.386	7.076	
T	Bromodichloromethane	0.568	0.489	0.477	0.501	0.497	0.485	0.520	0.510	0.506	5.669	
T	Dibromomethane	0.159	0.160	0.161	0.167	0.164	0.152	0.168	0.167	0.162	3.259	
T	2-Chloroethyl Vinyl Ether	0.102	0.055	0.096	0.128	0.149	0.164	0.163	0.171	0.129	31.937	LR,F
T	4-Methyl-2-Pentanone		0.059	0.057	0.077	0.076	0.078	0.079	0.082	0.073	13.977	
T	cis-1,3-Dichloropropene	0.352	0.329	0.419	0.494	0.516	0.529	0.557	0.557	0.4691	19.385	LR,F
T	Dimethyl Disulfide			0.2	0.268	0.307	0.329	0.332	0.35	0.2979	18.635	LR,F
I	Chlorobenzene-d5	ISTD										
S	Toluene-d8		1.21	1.708	1.839	1.878	1.887	1.975	1.906	1.7717	14.72	
C	Toluene	1.677	1.796	2.02	2.188	2.212	2.288	2.365	2.302	2.1059	11.96	
T	Ethyl Methacrylate			0.322	0.392	0.433	0.438	0.451	0.477	0.4187	13.103	
T	trans-1,3-Dichloropropene	0.73	0.569	0.678	0.739	0.745	0.705	0.764	0.766	0.712	9.1084	
T	1,1,2-Trichloroethane		0.32	0.303	0.306	0.304	0.294	0.306	0.311	0.3063	2.5662	
T	2-Hexanone		0.219	0.137	0.197	0.2	0.195	0.211	0.217	0.1965	14.206	
T	1,3-Dichloropropane	0.684	0.507	0.552	0.6	0.608	0.584	0.622	0.629	0.5982	8.8675	
T	Tetrachloroethene	0.361	0.365	0.371	0.409	0.405	0.419	0.44	0.413	0.3979	7.2448	

T Dibromochloromethane	0.554	0.353	0.355	0.375	0.382	0.385	0.402	0.411	0.4022	16.048	LR,F
T 1,2-Dibromoethane	0.314	0.242	0.243	0.268	0.279	0.289	0.292	0.304	0.2789	9.4906	
T 1-Chlorohexane	0.28	0.341	0.524	0.692	0.727	0.751	0.791	0.732	0.6047	32.876	LR,F
P Chlorobenzene	1.939	1.464	1.337	1.378	1.38	1.28	1.457	1.405	1.4551	14.06	
T 1,1,1,2-Tetrachloroethane	0.723	0.505	0.486	0.505	0.498	0.37	0.501	0.461	0.5061	19.474	QR,F
C Ethylbenzene	0.756	0.678	0.727	0.781	0.78	0.708	0.847	0.802	0.7598	7.1615	
T m-,p-Xylene	0.896	0.832	0.907	0.973	0.981	0.867	1.063	0.994	0.9391	8.1314	
T o-Xylene	0.625	0.51	0.763	0.876	0.904	0.916	0.982	0.959	0.817	20.796	LR,F
T Styrene	1.341	1.067	1.381	1.499	1.518	1.558	1.634	1.637	1.4544	13.026	
P Bromoform		0.209	0.229	0.238	0.244	0.244	0.249	0.26	0.2392	6.7431	
T Isopropylbenzene	1.499	1.416	2.098	2.414	2.473	2.534	2.693	2.568	2.2118	22.454	LR,F
I 1,4-Dichlorobenzene-d4	ISTD										
P 1,1,2,2-Tetrachloroethane	1.219	0.589	0.568	0.556	0.552	0.553	0.56	0.578	0.6468	35.813	LR,F
S p-Bromofluorobenzene			1.161	1.326	1.375	1.363	1.454	1.421	1.35	7.619	
T 1,2,3-Trichloropropane		0.174	0.183	0.183	0.18	0.172	0.182	0.183	0.1796	2.5184	
T trans-1,4-Dichloro-2-Butene	0.326	0.29	0.233	0.247	0.262	0.247	0.26	0.273	0.2672	11.04	
T n-Propylbenzene	4.348	3.997	5.043	5.545	5.58	5.62	6.154	5.852	5.2672	14.239	
T Bromobenzene	1.341	0.917	0.914	0.957	0.969	0.986	1.028	1.013	1.0157	13.549	
T 1,3,5-Trimethylbenzene	2.982	2.631	3.408	3.705	3.747	3.839	4.099	3.896	3.5381	14.147	
T 2-Chlorotoluene	4.035	3.062	3.557	3.533	3.482	3.655	3.948	3.591	3.6079	8.2611	
T 4-Chlorotoluene	4.505	3.351	3.258	3.639	3.681	3.432	3.782	3.752	3.6749	10.517	
T a-Methylstyrene		1.442	1.527	1.809	1.954	2.016	2.114	2.106	1.8525	14.722	
T tert-Butylbenzene	2.668	2.812	2.952	3.165	3.129	3.565	3.461	3.212	3.1205	9.7835	
T 1,2,4-Trimethylbenzene	4.463	3.502	3.695	3.921	3.902	3.916	4.221	4.056	3.9594	7.4971	
T sec-Butylbenzene		3.097	3.951	4.436	4.465	4.775	4.955	4.669	4.3356	14.579	
T p-Isopropyltoluene	2.655	2.528	3.375	3.771	3.82	3.944	4.23	4.001	3.5404	17.921	LR,F
T 1,3-Dichlorobenzene	2.681	1.818	1.801	1.887	1.888	1.964	2.03	2.009	2.0097	14.108	
T 1,4-Dichlorobenzene		2.105	1.903	1.923	1.909	1.943	2.03	2.005	1.9739	3.8171	
T n-Butylbenzene	3.189	2.745	3.359	3.752	3.764	3.94	4.167	3.906	3.6028	13.017	
T 1,2-Dichlorobenzene		1.523	1.535	1.6	1.596	1.658	1.698	1.697	1.6153	4.4409	
T 1,2-Dibromo-3-Chloropropane	0.09	0.127	0.071	0.073	0.08	0.101	0.091	0.101	0.0918	19.841	LR,F
T 1,2,4-Trichlorobenzene	1.406	0.838	0.996	1.106	1.168	1.293	1.288	1.33	1.1781	16.189	LR,F
T Hexachlorobutadiene		0.736	0.578	0.614	0.593	0.678	0.675	0.621	0.6423	8.7636	
T Naphthalene	1.619	0.811	1.196	1.395	1.478	1.651	1.589	1.687	1.4284	20.787	LR,F
T 1,2,3-Trichlorobenzene		0.735	0.844	0.901	0.914	0.979	0.975	1.009	0.908	10.42	

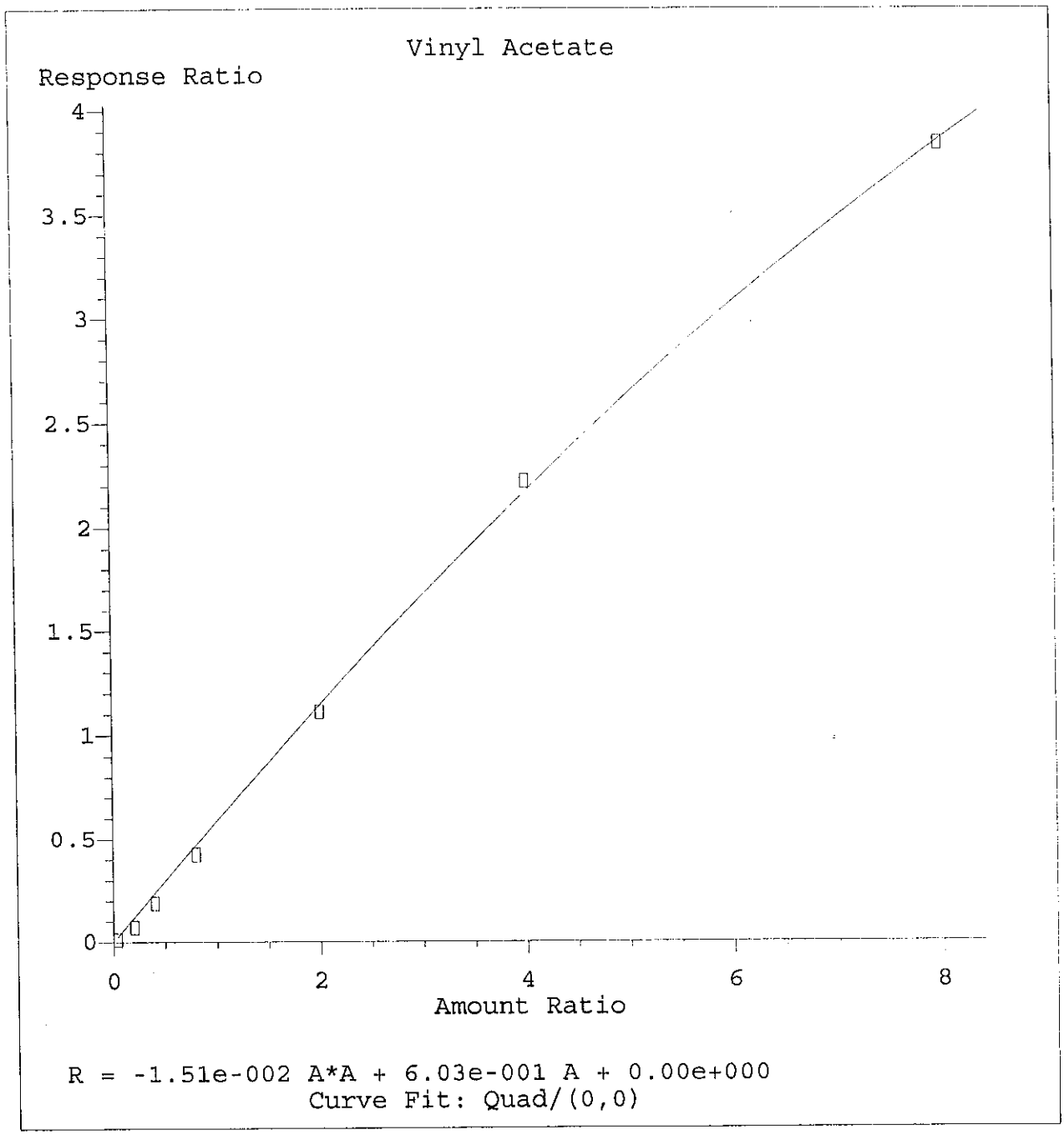
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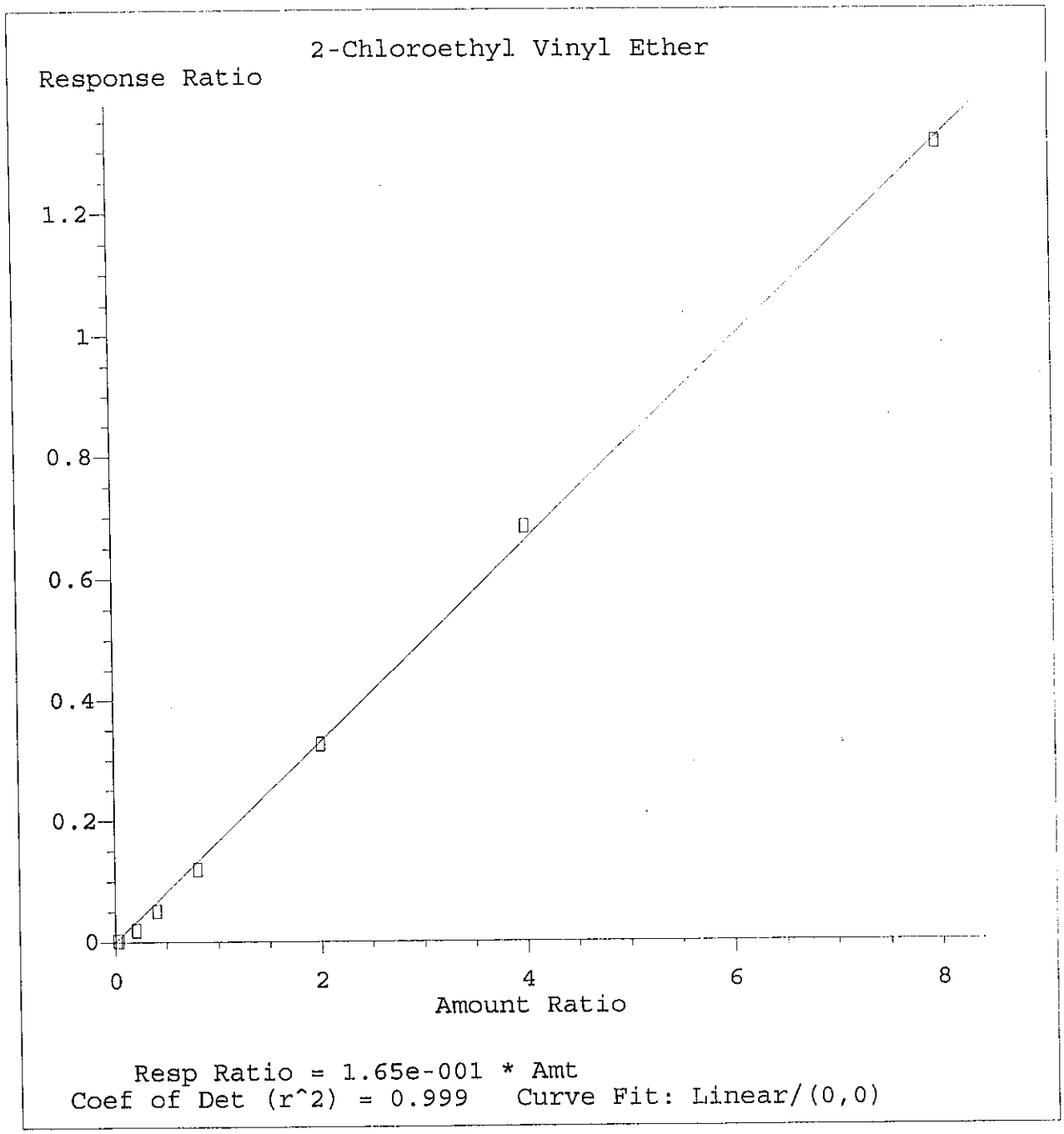
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Calibration Table Last Updated: Sat Jun 17 12:15:11 2000



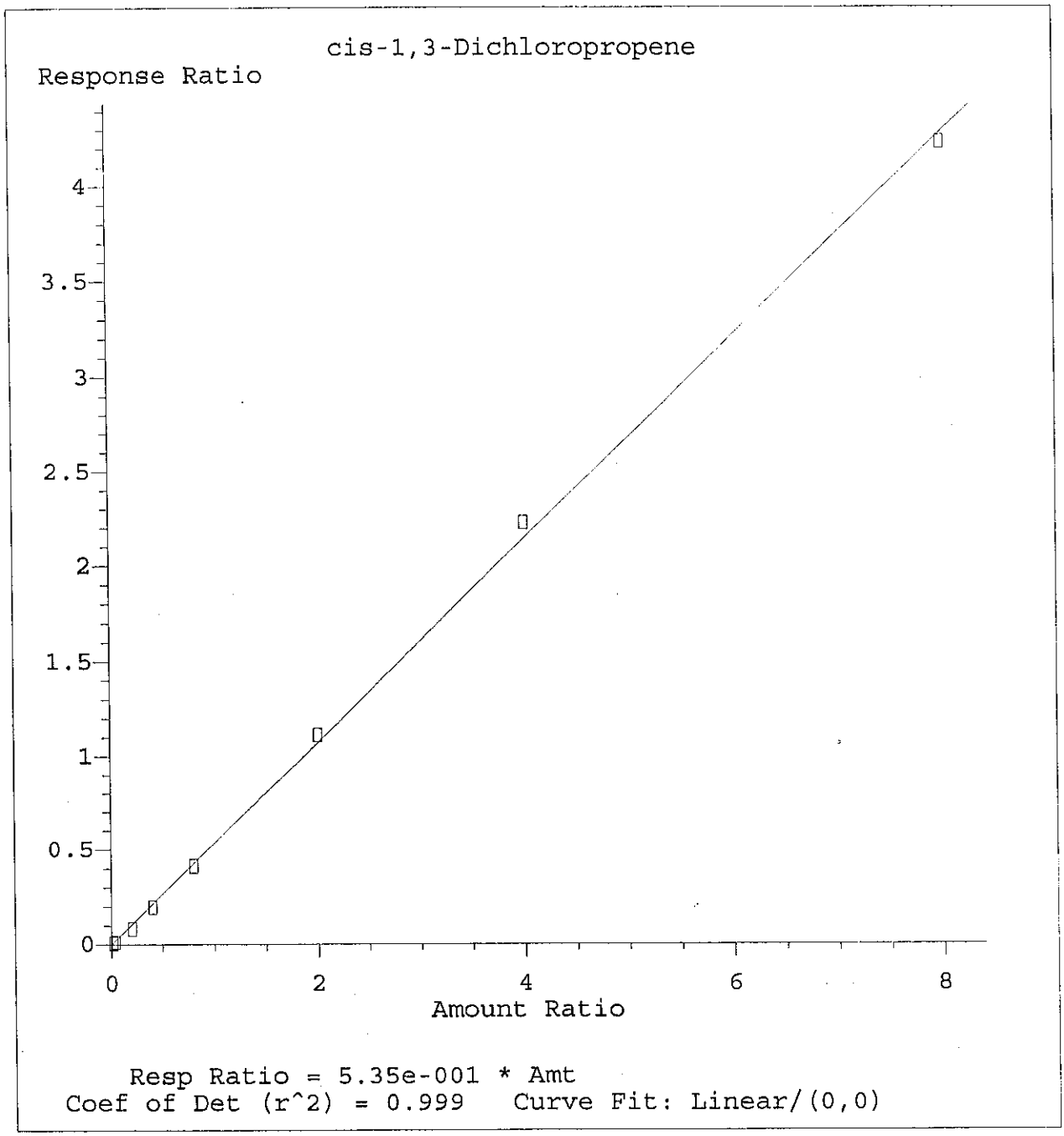
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Calibration Table Last Updated: Sat May 27 13:48:03 2000



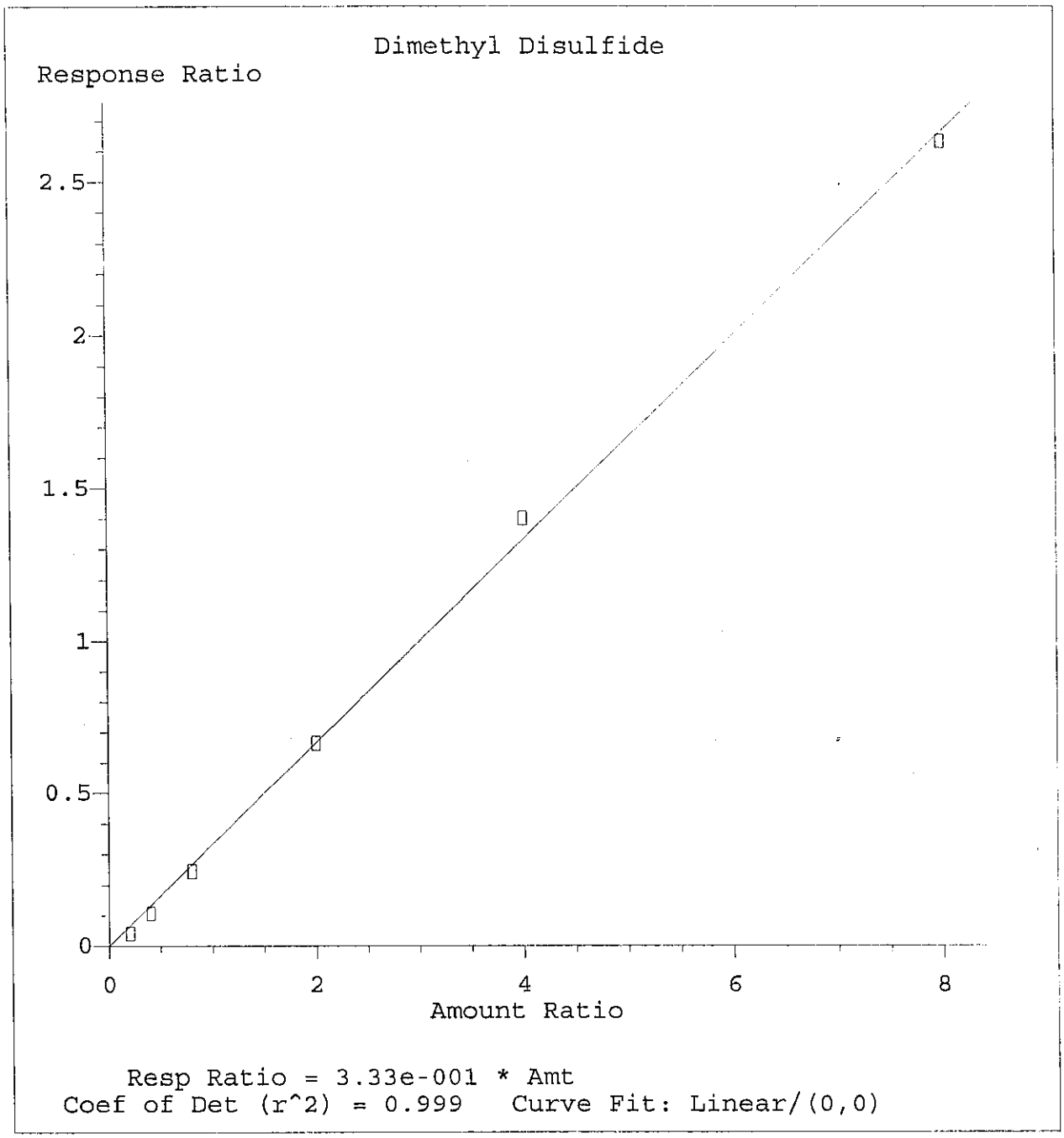
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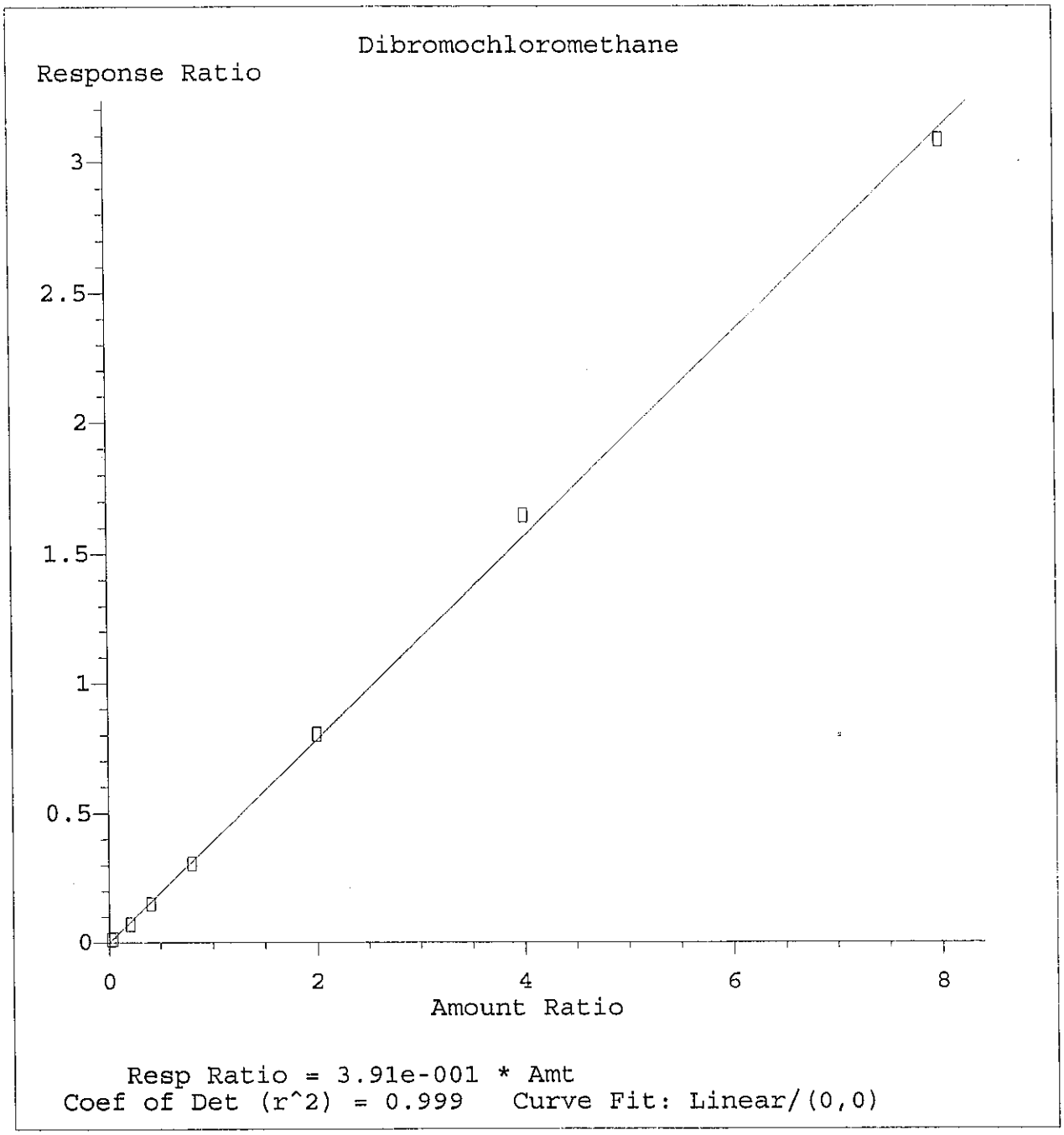
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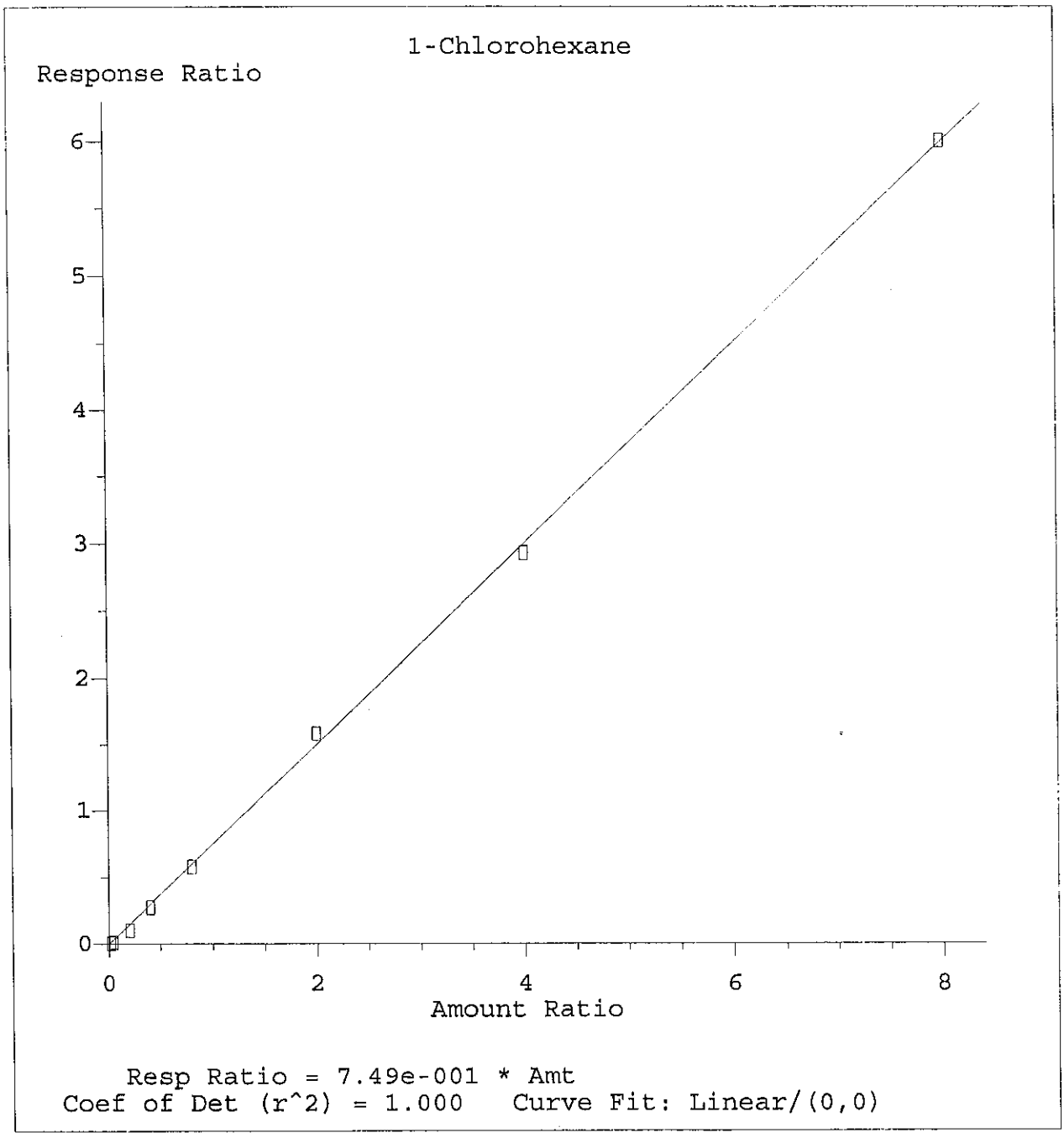
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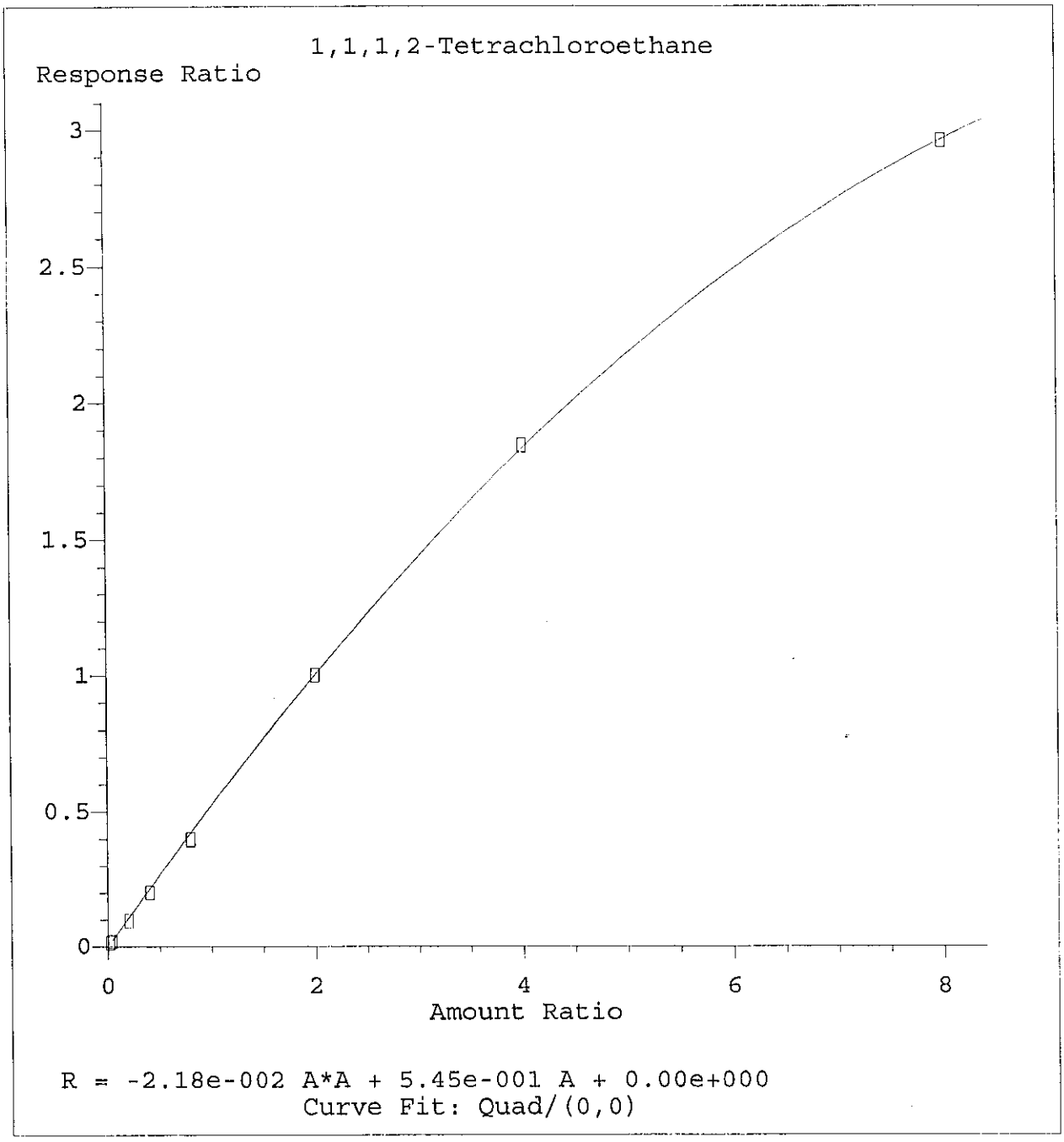
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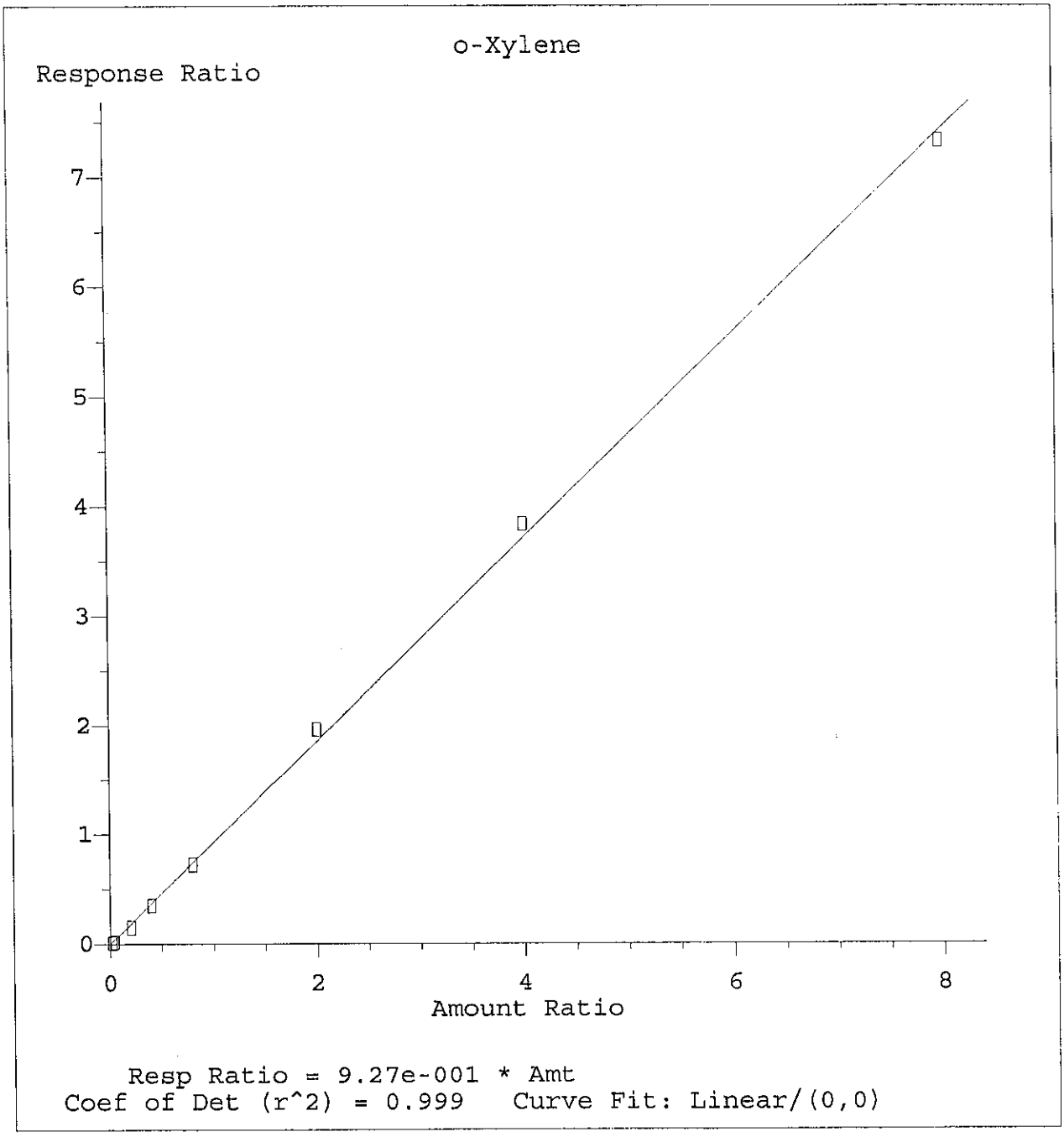
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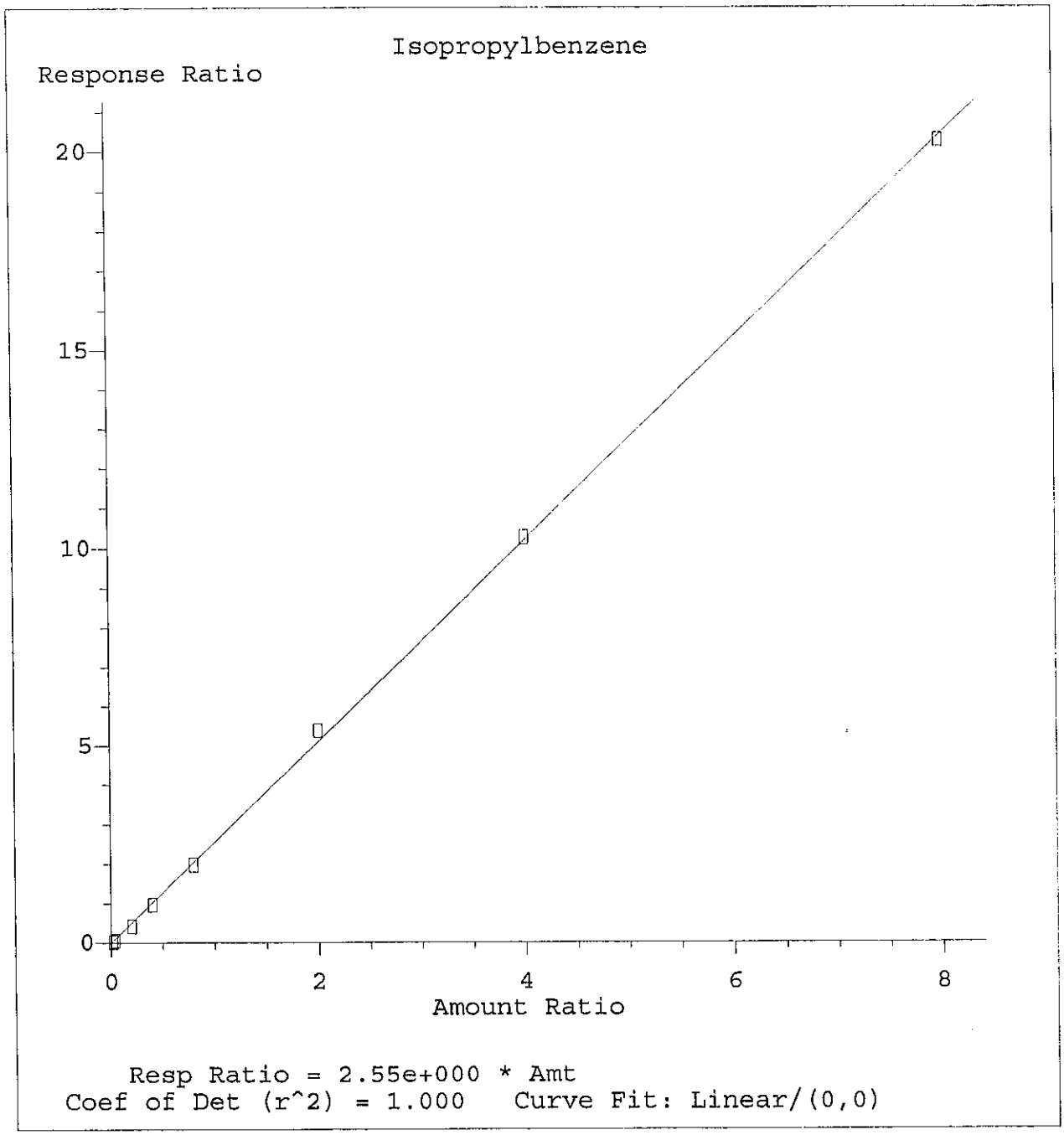
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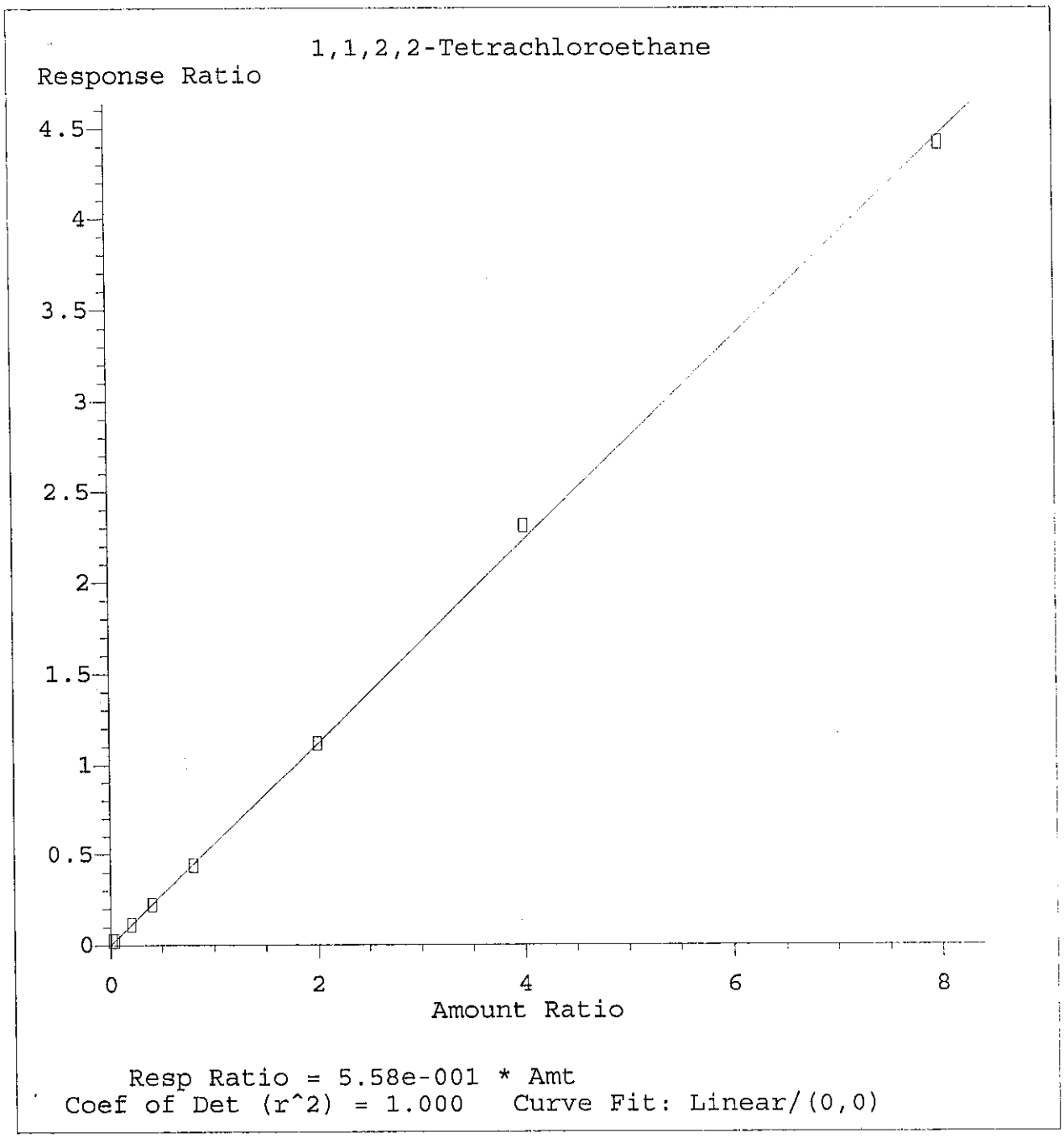
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Calibration Table Last Updated: Sat Jun 17 12:29:29 2000



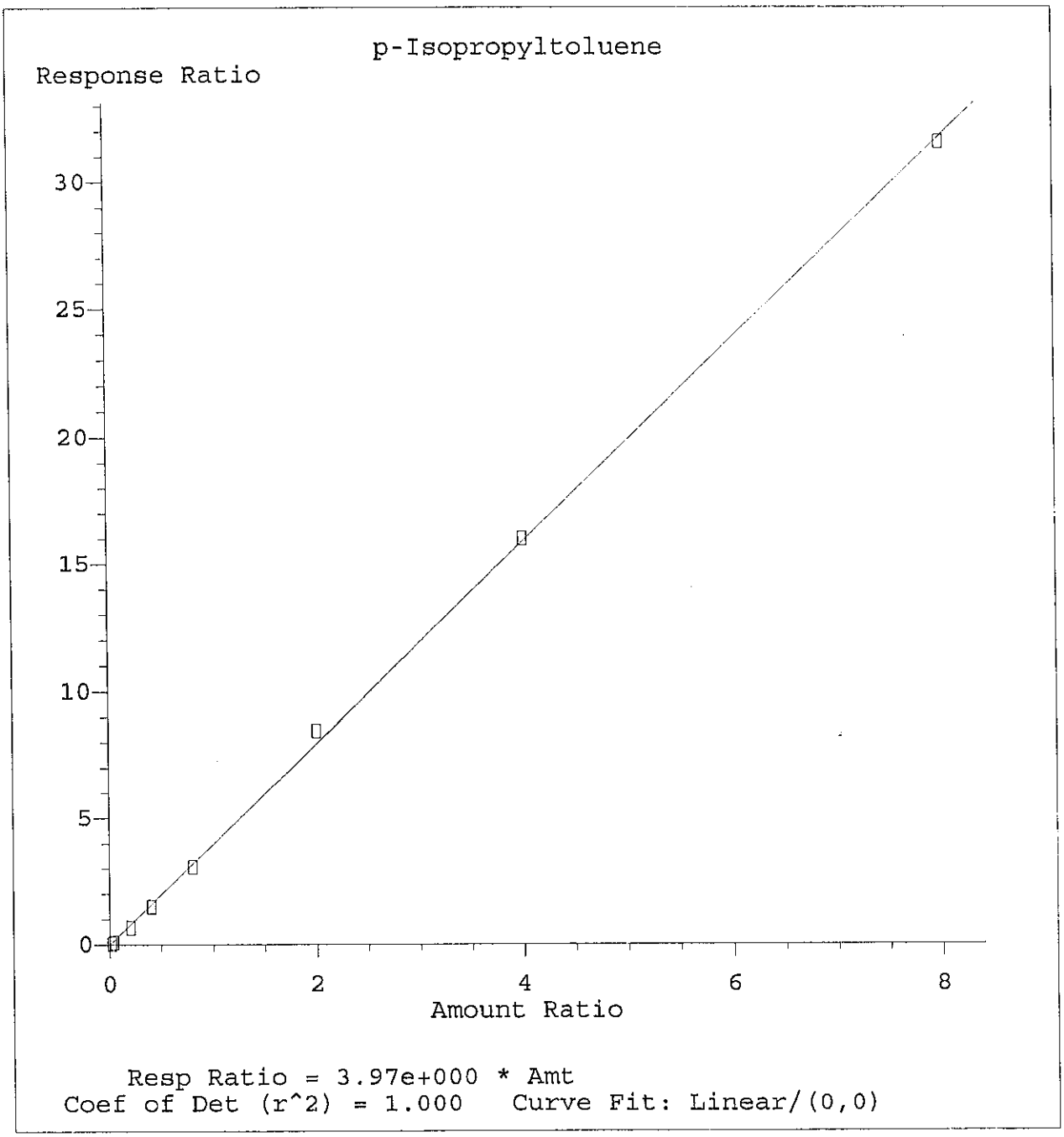
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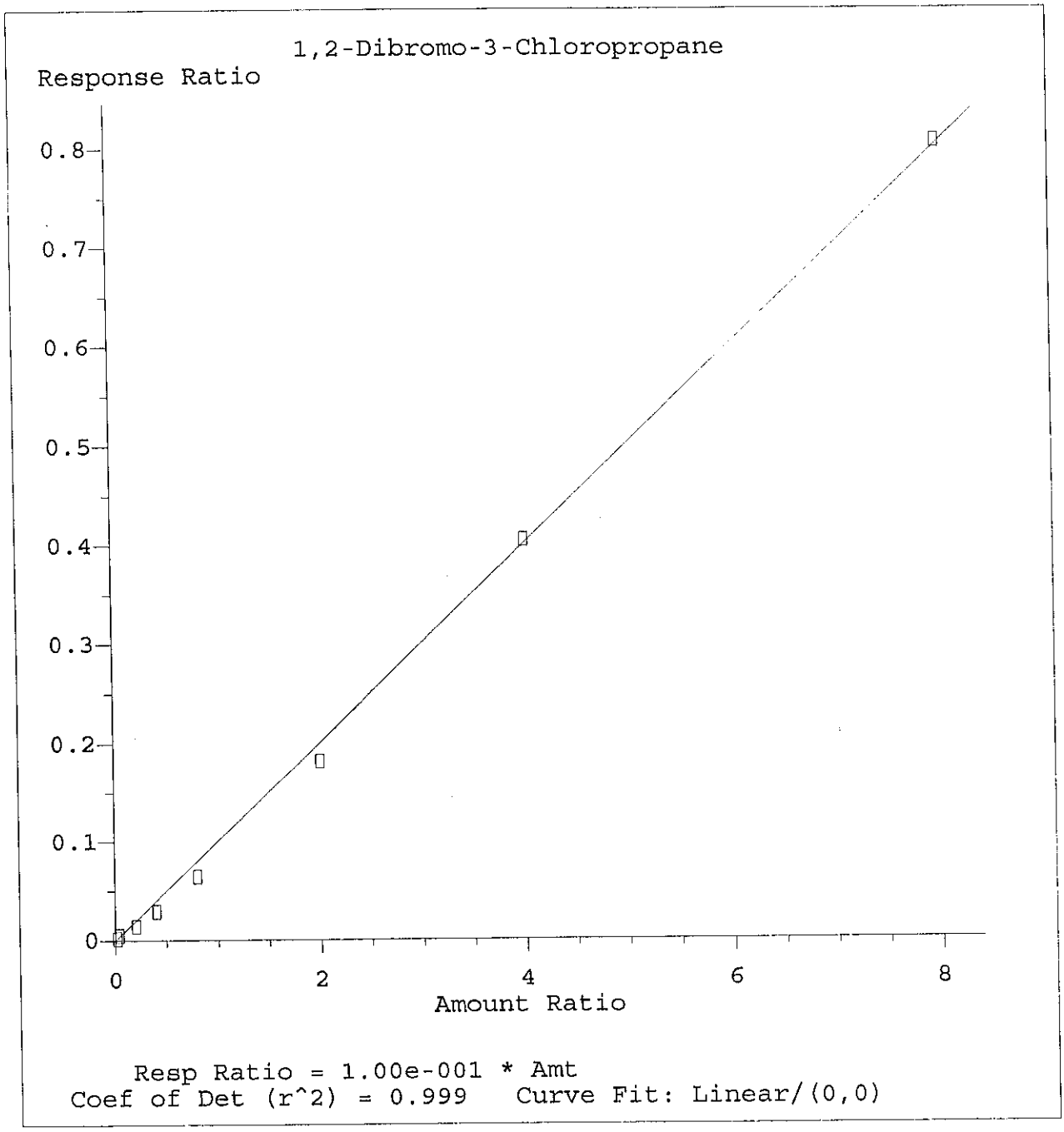
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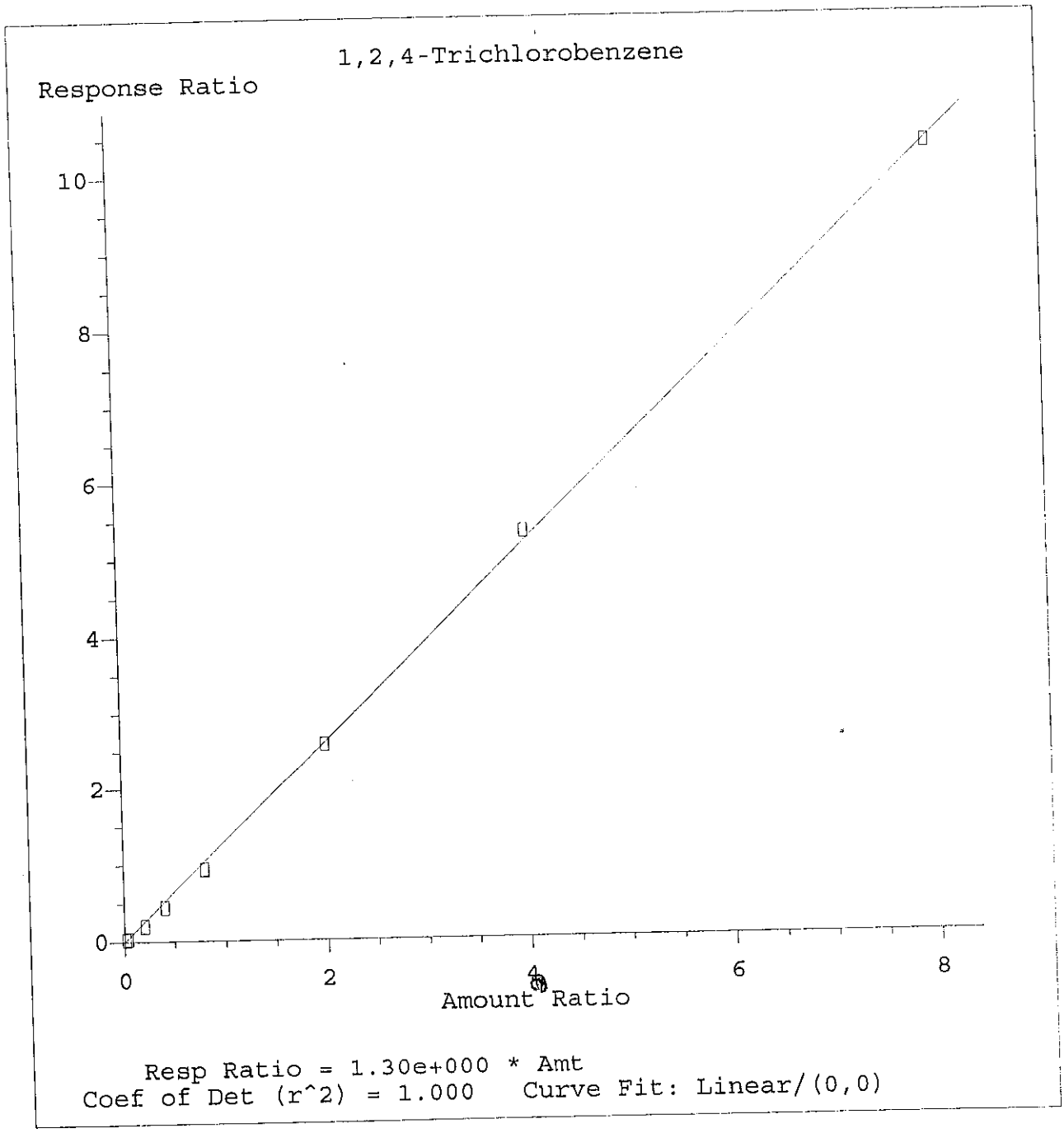
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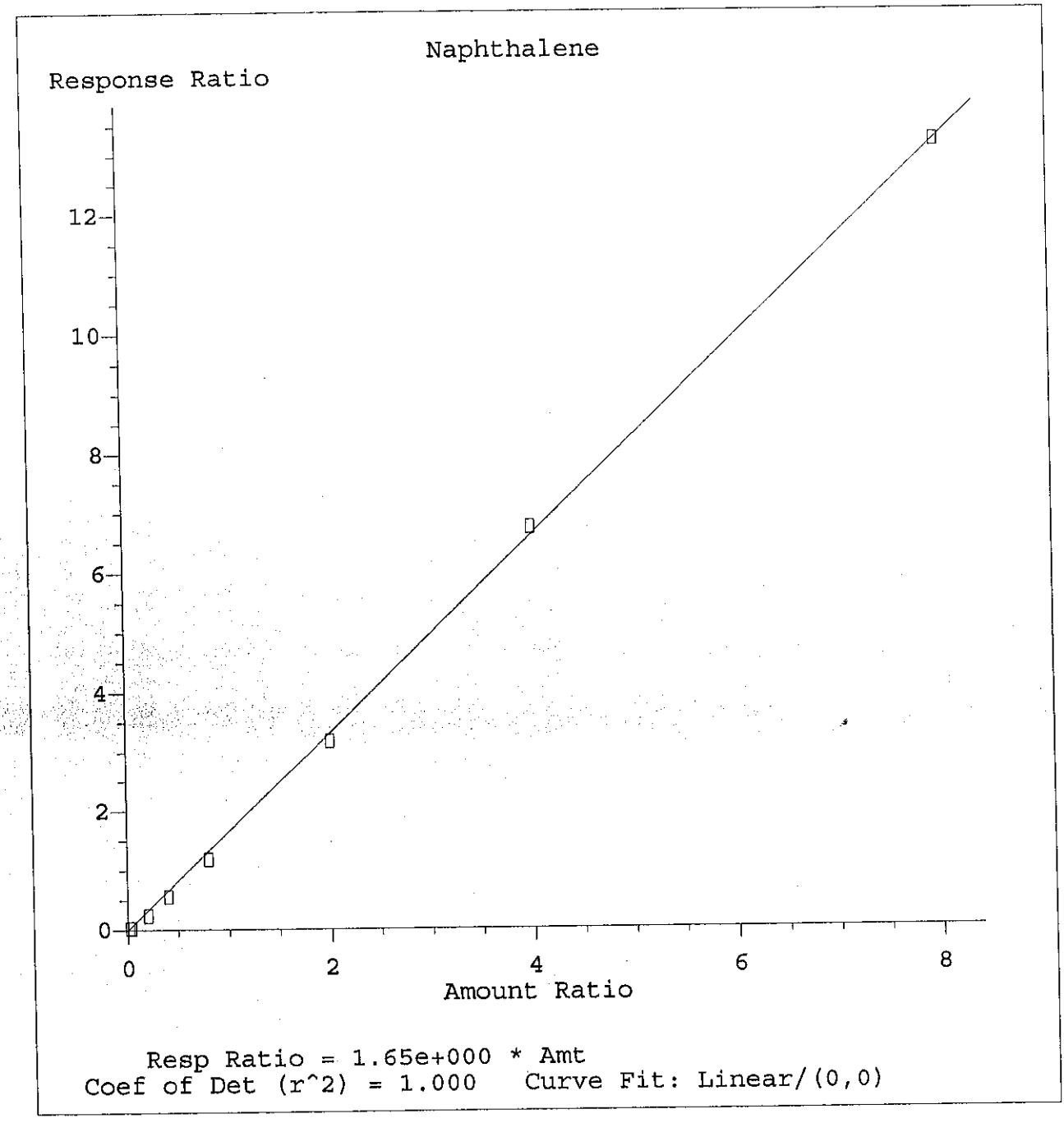
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Calibration Table Last Updated: Fri Jun 16 20:39:49 2000



Method Name: C:\HPCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Fri Jun 16 20:40:34 2000



Method Name: C:\HPCHEM\1\METHODS\8260WTR.M
Calibration Table Last Updated: Sat Jun 17 12:36:07 2000



Method Name: C:\HPCHEM\1\METHODS\8260WT.M
Calibration Table Last Updated: Fri Jun 16 20:41:02 2000

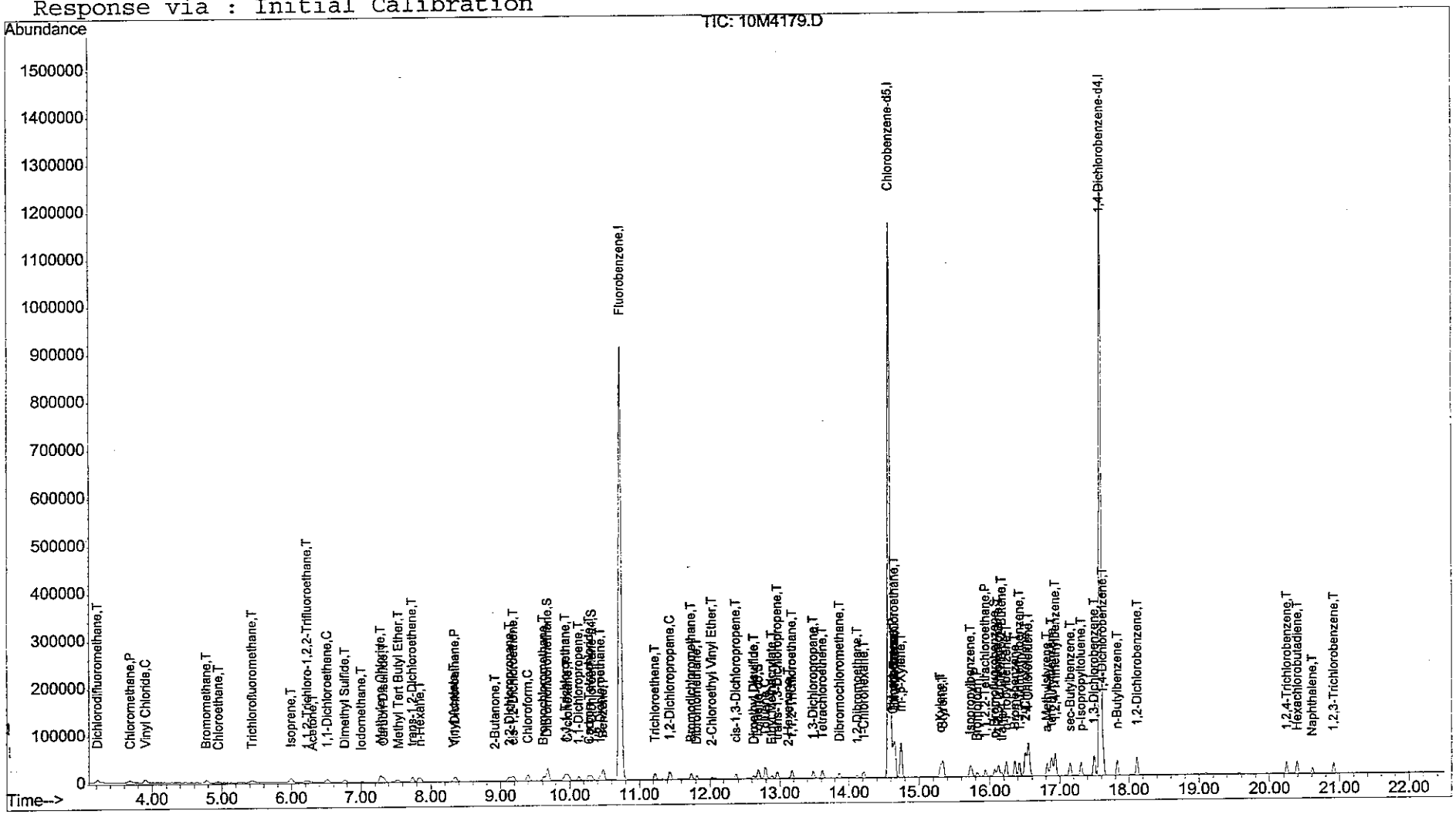
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D
Acq On : 16 Jun 2000 14:35
Sample : WG79035 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:12 2000

Vial: 5
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D Vial: 5
Acq On : 16 Jun 2000 14:35 Operator: MES
Sample : WG79035 0.5PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:12 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	993489	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	681341	25.00	ug/L	-0.01
64) 1,4-Dichlorobenzene-d4	17.58	152	368744	25.00	ug/L	-0.02
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	6792	0.53	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 2.12%#			
33) 1,2-Dichloroethane-d4	10.31	65	9591	0.56	ug/L	-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 2.24%#			
45) Toluene-d8	12.69	98	17038	0.35	ug/L	-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 1.40%#			
66) p-Bromofluorobenzene	16.07	95	6817	0.36	ug/L	-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 1.44%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	8424	0.34	ug/L #	62
3) Chloromethane	3.69	50	8266	0.45	ug/L #	86
4) Vinyl Chloride	3.90	62	7428	0.49	ug/L	94
5) Bromomethane	4.78	94	6335	0.61	ug/L	90
6) Chloroethane	4.94	64	5034	0.46	ug/L #	42
7) Trichlorofluoromethane	5.43	101	10613	0.46	ug/L	96
8) Isoprene	6.00	67	6821	0.34	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	6481	0.45	ug/L #	44
11) Acetone	6.30	43	2344	0.90	ug/L #	46
12) 1,1-Dichloroethene	6.51	96	4120	0.38	ug/L #	45
13) Dimethyl Sulfide	6.78	62	3887	0.25	ug/L	86
14) Iodomethane	7.01	142	3054	0.26	ug/L #	35
15) Methylene Chloride	7.28	84	8243	0.64	ug/L	94
16) Carbon Disulfide	7.33	76	19351	0.47	ug/L	98
18) Methyl Tert Butyl Ether	7.54	73	7289m	0.25	ug/L	
19) trans-1,2-Dichloroethene	7.74	96	5153	0.38	ug/L #	59
20) n-Hexane	7.85	57	6287	0.24	ug/L #	63
21) Vinyl Acetate	8.32	43	4996	0.22	ug/L #	77
22) 1,1-Dichloroethane	8.35	63	15309	0.49	ug/L #	91
23) 2-Butanone	8.92	43	2537	0.61	ug/L #	59
24) 2,2-Dichloropropane	9.12	77	11407	0.45	ug/L #	54
25) cis-1,2-Dichloroethene	9.18	96	5072	0.34	ug/L #	60
26) Chloroform	9.40	83	15103	0.53	ug/L	97
27) Bromochloromethane	9.62	128	2339	0.51	ug/L #	66
29) 1,1,1-Trichloroethane	9.93	97	12891	0.45	ug/L #	67
30) Cyclohexane	9.97	56	8152	0.25	ug/L	90
31) 1,1-Dichloropropene	10.13	75	5923	0.32	ug/L #	40

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D
Acq On : 16 Jun 2000 14:35
Sample : WG79035 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:12 2000

Vial: 5
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32) Carbon Tetrachloride	10.27	117	10072	0.41 ug/L		99
34) 1,2-Dichloroethane	10.43	62	11752	0.50 ug/L	#	88
35) Benzene	10.48	78	24952	0.39 ug/L		100
36) Trichloroethene	11.22	130	5120	0.43 ug/L	#	83
37) 1,2-Dichloropropane	11.44	63	7090	0.48 ug/L	#	79
38) Bromodichloromethane	11.73	83	11285	0.56 ug/L	#	91
39) Dibromomethane	11.82	93	3167	0.51 ug/L		97
40) 2-Chloroethyl Vinyl Ether	12.03	63	2031	0.32 ug/L	#	52
42) cis-1,3-Dichloropropene	12.37	75	6986	0.33 ug/L	#	52
43) Dimethyl Disulfide	12.64	79	1927	0.16 ug/L		80
46) Toluene	12.80	91	22851	0.35 ug/L		95
47) Ethyl Methacrylate	12.88	69	3796	0.32 ug/L	#	78
48) trans-1,3-Dichloropropene	12.96	75	9950	0.50 ug/L	#	83
49) 1,1,2-Trichloroethane	13.17	97	6100	0.72 ug/L		91
50) 2-Hexanone	13.12	43	1631	0.27 ug/L	#	1
51) 1,3-Dichloropropane	13.48	76	9320	0.59 ug/L		82
52) Tetrachloroethene	13.61	164	4916	0.43 ug/L		89
53) Dibromochloromethane	13.86	129	7548	0.69 ug/L		93
54) 1,2-Dibromoethane	14.13	107	4274	0.51 ug/L		100
55) 1-Chlorohexane	14.22	91	3812	0.19 ug/L	#	55
56) Chlorobenzene	14.63	112	26424	0.69 ug/L		98
57) 1,1,1,2-Tetrachloroethane	14.65	131	9849	0.74 ug/L		98
58) Ethylbenzene	14.65	106	10303	0.48 ug/L		78
59) m-,p-Xylene	14.75	106	24419	0.90 ug/L		76
60) o-Xylene	15.30	106	8523	0.32 ug/L		79
61) Styrene	15.34	104	18276	0.39 ug/L	#	77
62) Bromoform	15.82	173	5158	0.72 ug/L		100
63) Isopropylbenzene	15.73	105	20422	0.29 ug/L		92
65) 1,1,2,2-Tetrachloroethane	15.93	83	8991	1.04 ug/L	#	73
67) 1,2,3-Trichloropropane	16.13	110	3256	1.13 ug/L	#	77
68) trans-1,4-Dichloro-2-Buten	16.17	53	2404	0.56 ug/L	#	1
69) n-Propylbenzene	16.23	91	32063	0.35 ug/L	#	90
70) Bromobenzene	16.36	156	9891	0.73 ug/L		92
71) 1,3,5-Trimethylbenzene	16.42	105	21989	0.37 ug/L		87
72) 2-Chlorotoluene	16.50	91	29754	0.56 ug/L	#	80
73) 4-Chlorotoluene	16.55	91	33223	0.60 ug/L	#	88
74) a-Methylstyrene	16.81	118	9715	0.33 ug/L		90
75) tert-Butylbenzene	16.87	119	20912m	0.50 ug/L		
76) 1,2,4-Trimethylbenzene	16.93	105	32912	0.55 ug/L		90
77) sec-Butylbenzene	17.15	105	23990	0.32 ug/L	#	91
78) p-Isopropyltoluene	17.31	119	19583	0.32 ug/L		92

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D
Acq On : 16 Jun 2000 14:35
Sample : WG79035 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:12 2000

Vial: 5
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79) 1,3-Dichlorobenzene	17.50	146	19769	0.69	ug/L		92
80) 1,4-Dichlorobenzene	17.62	146	24762	0.83	ug/L	#	87
81) n-Butylbenzene	17.83	91	23515	0.40	ug/L	#	87
82) 1,2-Dichlorobenzene	18.12	146	18136	0.74	ug/L		92
84) 1,2,4-Trichlorobenzene	20.24	180	10366	0.61	ug/L		98
85) Hexachlorobutadiene	20.39	225	8134	0.88	ug/L		94
86) Naphthalene	20.61	128	11939	0.48	ug/L	#	68
87) 1,2,3-Trichlorobenzene	20.92	180	9589	0.67	ug/L		92

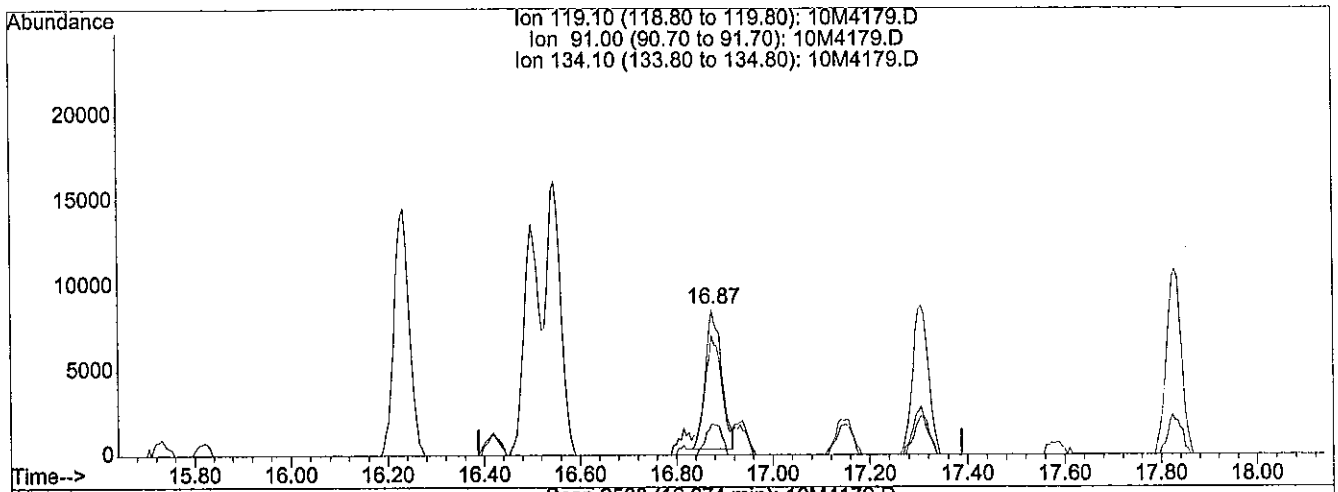
(#) = qualifier out of range (m) = manual integration

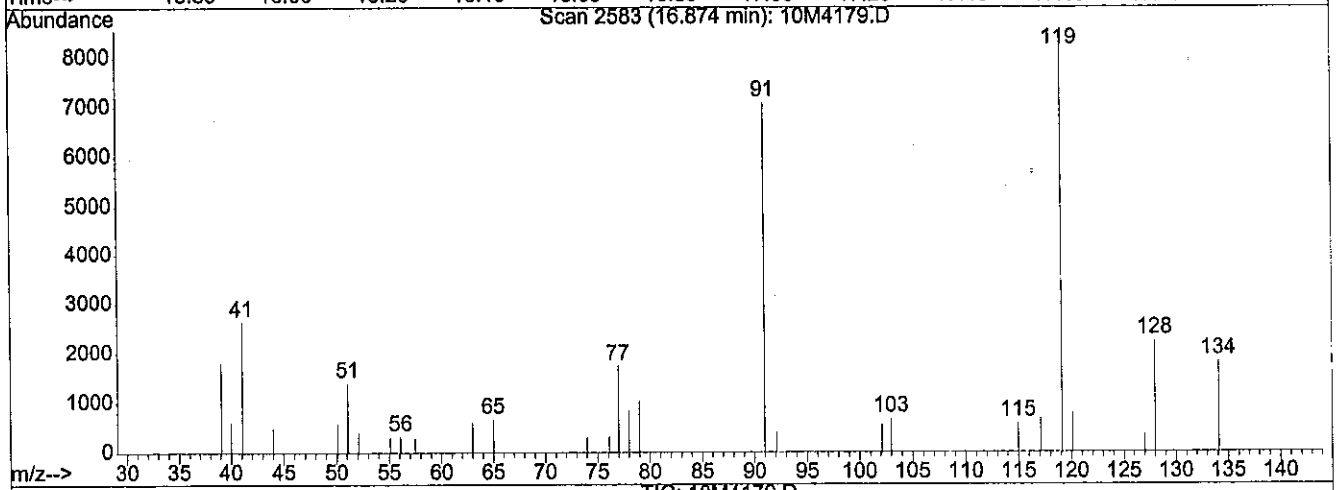
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D
Acq On : 16 Jun 2000 14:35
Sample : WG79035 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:10 2000

Vial: 5
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4179.D

(75) tert-Butylbenzene (T)

16.87min 0.47ug/L

response 19674

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	87.91#
134.10	23.60	21.51
0.00	0.00	0.00

Rpf 6.16.00
all ions ems

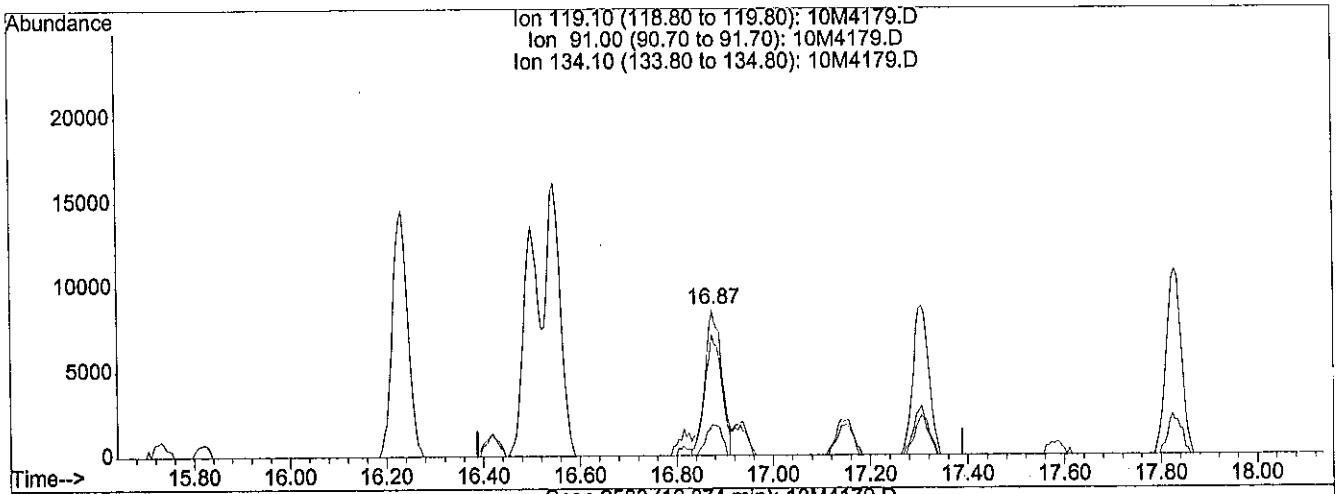
10M4179.D 8260WTR.M Fri Jun 16 21:11:20 2000

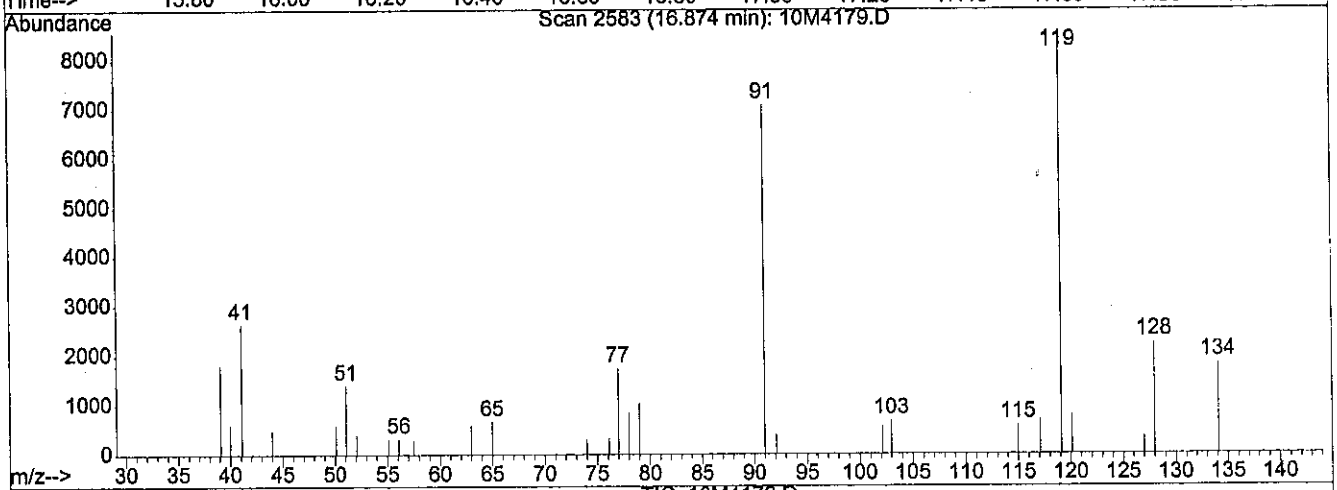
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4179.D
Acq On : 16 Jun 2000 14:35
Sample : WG79035 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:12 2000

Vial: 5
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(75) tert-Butylbenzene (T)

16.87min 0.50ug/L m

response 20912

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	82.71#
134.10	23.60	20.23
0.00	0.00	0.00

Rf 6/16/00
6/19/00 ccms

10M4179.D 8260WTR.M Fri Jun 16 21:12:14 2000

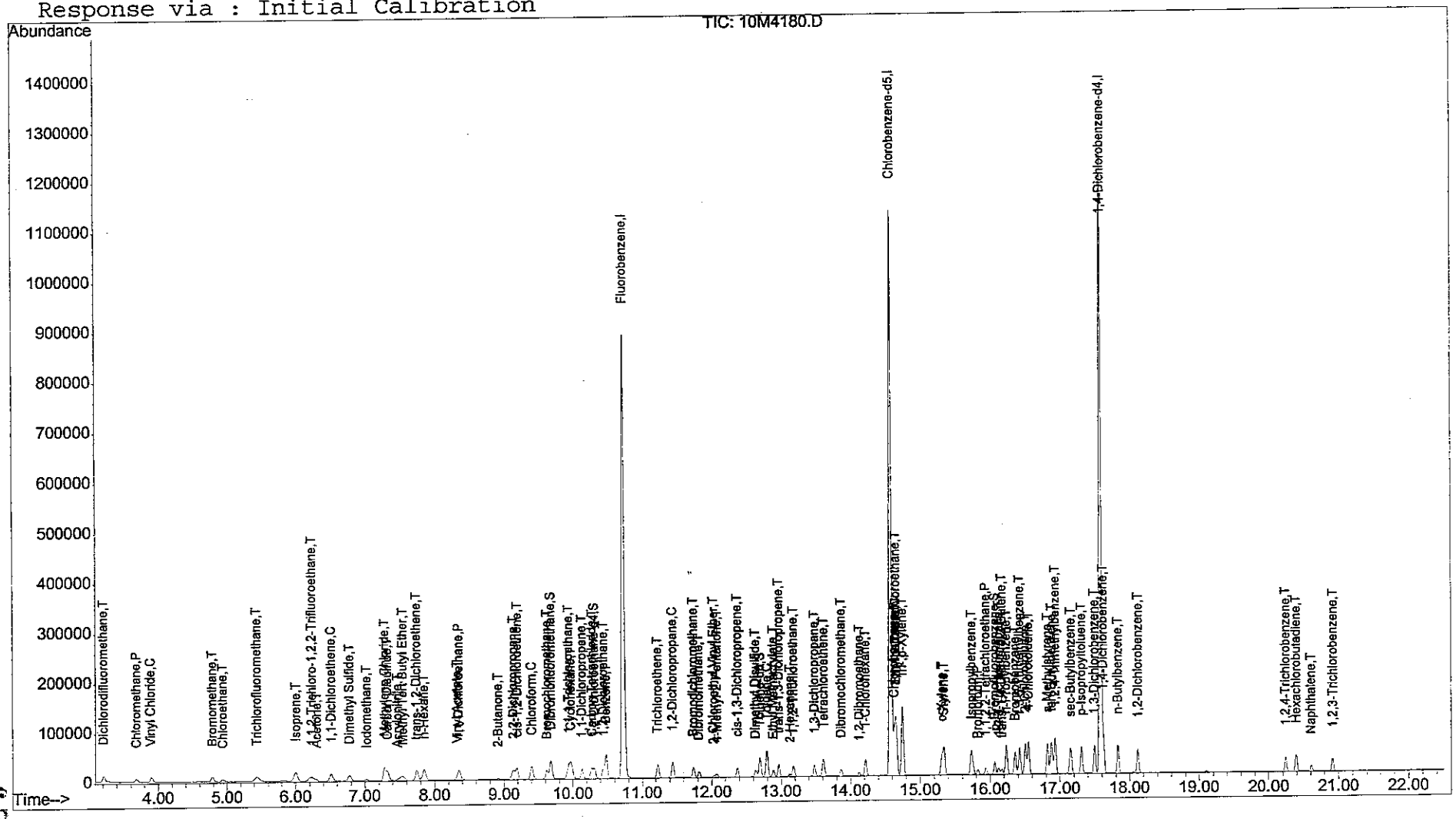
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D
Acq On : 16 Jun 2000 15:07
Sample : WG79035 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Data File : C:\HPCHEM\1\DATA\061600\10M4180.D
Acq On : 16 Jun 2000 15:07
Sample : WG79035 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	935878	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	656911	25.00	ug/L	-0.01
64) 1,4-Dichlorobenzene-d4	17.58	152	359253	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	12034	1.00	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 4.00%#			
33) 1,2-Dichloroethane-d4	10.31	65	17185	1.07	ug/L	-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 4.28%#			
45) Toluene-d8	12.69	98	31786	0.67	ug/L	-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 2.68%#			
66) p-Bromofluorobenzene	16.07	95	11672	0.64	ug/L	-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 2.56%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	16507	0.71	ug/L	97
3) Chloromethane	3.68	50	12035	0.70	ug/L	93
4) Vinyl Chloride	3.89	62	13816	0.96	ug/L	97
5) Bromomethane	4.79	94	10922	1.12	ug/L	93
6) Chloroethane	4.94	64	8892	0.86	ug/L	95
7) Trichlorofluoromethane	5.43	101	21007	0.96	ug/L	98
8) Isoprene	6.00	67	14189	0.76	ug/L	88
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	13291m	0.99	ug/L	
11) Acetone	6.30	43	4157	1.69	ug/L #	46
12) 1,1-Dichloroethene	6.51	96	8979	0.88	ug/L #	58
13) Dimethyl Sulfide	6.77	62	8826	0.60	ug/L	90
14) Iodomethane	7.02	142	5170	0.46	ug/L #	73
15) Methylene Chloride	7.29	84	13777	1.13	ug/L	82
16) Carbon Disulfide	7.33	76	38077	0.98	ug/L	99
17) Acrylonitrile	7.46	53	2268	0.70	ug/L	99
18) Methyl Tert Butyl Ether	7.54	73	15570	0.58	ug/L #	89
19) trans-1,2-Dichloroethene	7.74	96	10389	0.82	ug/L #	61
20) n-Hexane	7.85	57	14849	0.59	ug/L #	63
21) Vinyl Acetate	8.32	43	10393	0.48	ug/L #	77
22) 1,1-Dichloroethane	8.36	63	30961	1.05	ug/L	98
23) 2-Butanone	8.92	43	4334	1.11	ug/L #	59
24) 2,2-Dichloropropane	9.13	77	23321	0.98	ug/L #	82
25) cis-1,2-Dichloroethene	9.19	96	10279	0.72	ug/L #	60
26) Chloroform	9.40	83	28781	1.07	ug/L	97
27) Bromochloromethane	9.62	128	4481	1.03	ug/L #	68
29) 1,1,1-Trichloroethane	9.94	97	27009	1.01	ug/L #	88
30) Cyclohexane	9.97	56	18665	0.60	ug/L	95

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D Vial: 6
Acq On : 16 Jun 2000 15:07 Operator: MES
Sample : WG79035 1 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
31)	1,1-Dichloropropene	10.13	75	13349	0.77 ug/L	#	84
32)	Carbon Tetrachloride	10.28	117	21674	0.93 ug/L		99
34)	1,2-Dichloroethane	10.44	62	23372	1.06 ug/L	#	85
35)	Benzene	10.48	78	50256	0.84 ug/L		98
36)	Trichloroethene	11.23	130	10038	0.89 ug/L	#	86
37)	1,2-Dichloropropane	11.44	63	12893	0.92 ug/L	#	69
38)	Bromodichloromethane	11.74	83	18309	0.97 ug/L	#	97
39)	Dibromomethane	11.81	93	5974	1.02 ug/L		94
40)	2-Chloroethyl Vinyl Ether	12.03	63	2070	0.35 ug/L	#	52
41)	4-Methyl-2-Pentanone	12.08	58	2220	0.71 ug/L	#	40
42)	cis-1,3-Dichloropropene	12.37	75	12305	0.61 ug/L	#	89
43)	Dimethyl Disulfide	12.63	79	4243	0.37 ug/L	#	67
46)	Toluene	12.80	91	47199	0.75 ug/L		97
47)	Ethyl Methacrylate	12.88	69	8265	0.72 ug/L	#	78
48)	trans-1,3-Dichloropropene	12.96	75	14951	0.77 ug/L	#	86
49)	1,1,2-Trichloroethane	13.18	97	8404	1.03 ug/L		97
50)	2-Hexanone	13.13	43	5763	1.00 ug/L	#	60
51)	1,3-Dichloropropane	13.48	76	13310	0.87 ug/L		84
52)	Tetrachloroethene	13.61	164	9583	0.87 ug/L		96
53)	Dibromochloromethane	13.86	129	9283	0.88 ug/L		98
54)	1,2-Dibromoethane	14.13	107	6355	0.79 ug/L		91
55)	1-Chlorohexane	14.22	91	8954	0.45 ug/L	#	59
56)	Chlorobenzene	14.62	112	38466	1.04 ug/L		98
57)	1,1,1,2-Tetrachloroethane	14.65	131	13264	1.04 ug/L		97
58)	Ethylbenzene	14.65	106	17818	0.87 ug/L		79
59)	m-,p-Xylene	14.74	106	43740	1.68 ug/L		76
60)	o-Xylene	15.31	106	13412	0.52 ug/L		75
61)	Styrene	15.34	104	28024	0.63 ug/L	#	77
62)	Bromoform	15.82	173	5503	0.80 ug/L		99
63)	Isopropylbenzene	15.73	105	37198	0.55 ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.94	83	8467	1.01 ug/L	#	73
67)	1,2,3-Trichloropropane	16.12	110	2501	0.89 ug/L	#	52
68)	trans-1,4-Dichloro-2-Buten	16.17	53	4167	0.99 ug/L	#	26
69)	n-Propylbenzene	16.23	91	57431	0.64 ug/L		90
70)	Bromobenzene	16.36	156	13183	1.00 ug/L		89
71)	1,3,5-Trimethylbenzene	16.42	105	37805	0.65 ug/L		89
72)	2-Chlorotoluene	16.50	91	44003	0.85 ug/L	#	82
73)	4-Chlorotoluene	16.55	91	48149m	0.89 ug/L		
74)	a-Methylstyrene	16.82	118	20722	0.71 ug/L		86
75)	tert-Butylbenzene	16.88	119	40404	0.99 ug/L	#	65
76)	1,2,4-Trimethylbenzene	16.93	105	50324	0.86 ug/L		89

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D Vial: 6
Acq On : 16 Jun 2000 15:07 Operator: MES
Sample : WG79035 1 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

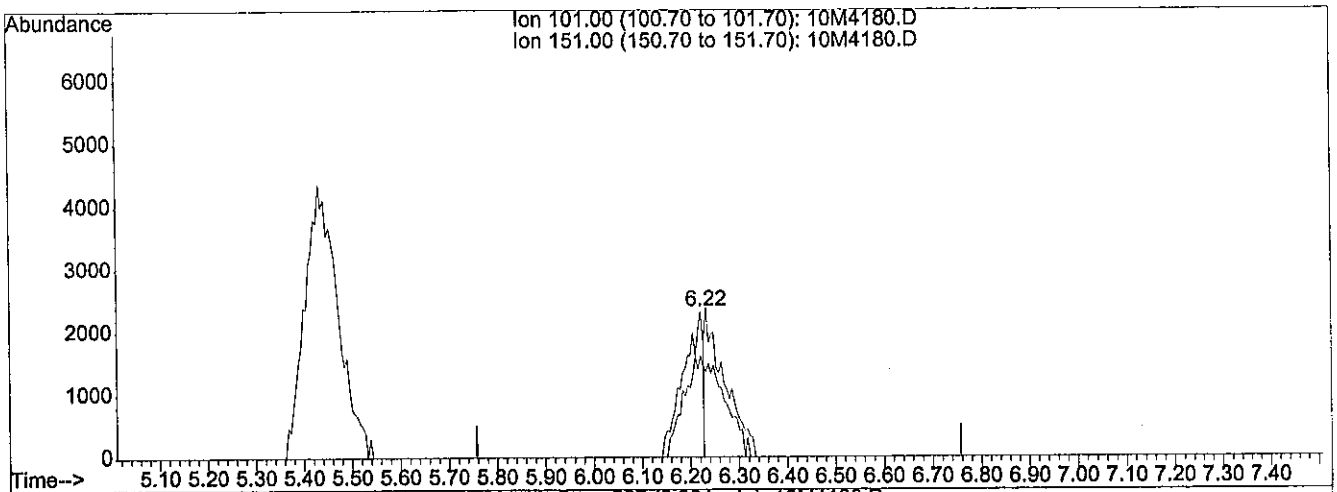
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
77)	sec-Butylbenzene	17.15	105	44507	0.62	ug/L		93
78)	p-Isopropyltoluene	17.31	119	36323	0.62	ug/L		94
79)	1,3-Dichlorobenzene	17.50	146	26123	0.94	ug/L		93
80)	1,4-Dichlorobenzene	17.62	146	30246	1.04	ug/L		91
81)	n-Butylbenzene	17.83	91	39444	0.69	ug/L	#	89
82)	1,2-Dichlorobenzene	18.12	146	21886	0.92	ug/L		91
84)	1,2,4-Trichlorobenzene	20.24	180	12038	0.72	ug/L		94
85)	Hexachlorobutadiene	20.39	225	10579	1.17	ug/L		95
86)	Naphthalene	20.61	128	11658	0.48	ug/L	#	68
87)	1,2,3-Trichlorobenzene	20.92	180	10568	0.76	ug/L		98

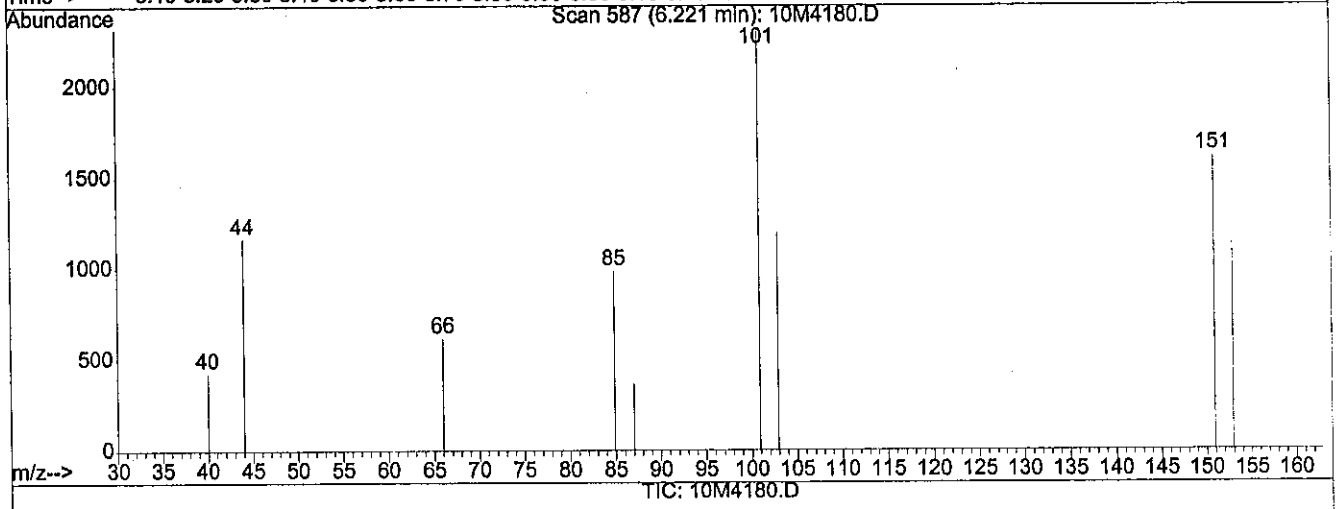
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D
Acq On : 16 Jun 2000 15:07
Sample : WG79035 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:04 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.22min 0.49ug/L

response 6568

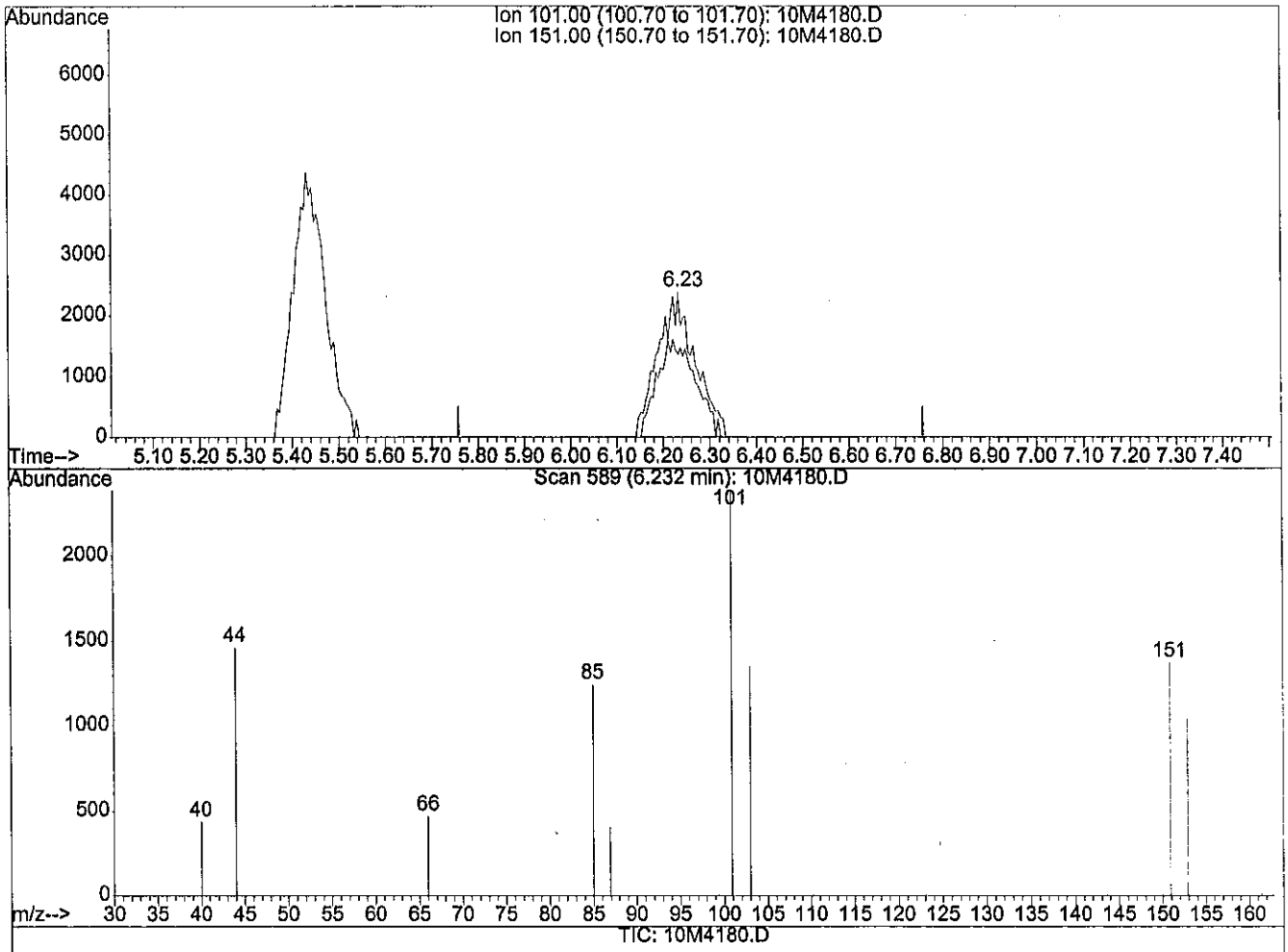
Ion	Exp%	Act%
101.00	100	100
151.00	78.60	75.84
0.00	0.00	0.00
0.00	0.00	0.00

cellulose ave

10M4180.D 8260WTR.M Fri Jun 16 21:14:04 2000

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D Vial: 6
Acq On : 16 Jun 2000 15:07 Operator: MES
Sample : WG79035 1 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration



(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.23min 0.99ug/L m

response 13291

Ion	Exp%	Act%
101.00	100	100
151.00	78.60	37.48#
0.00	0.00	0.00
0.00	0.00	0.00

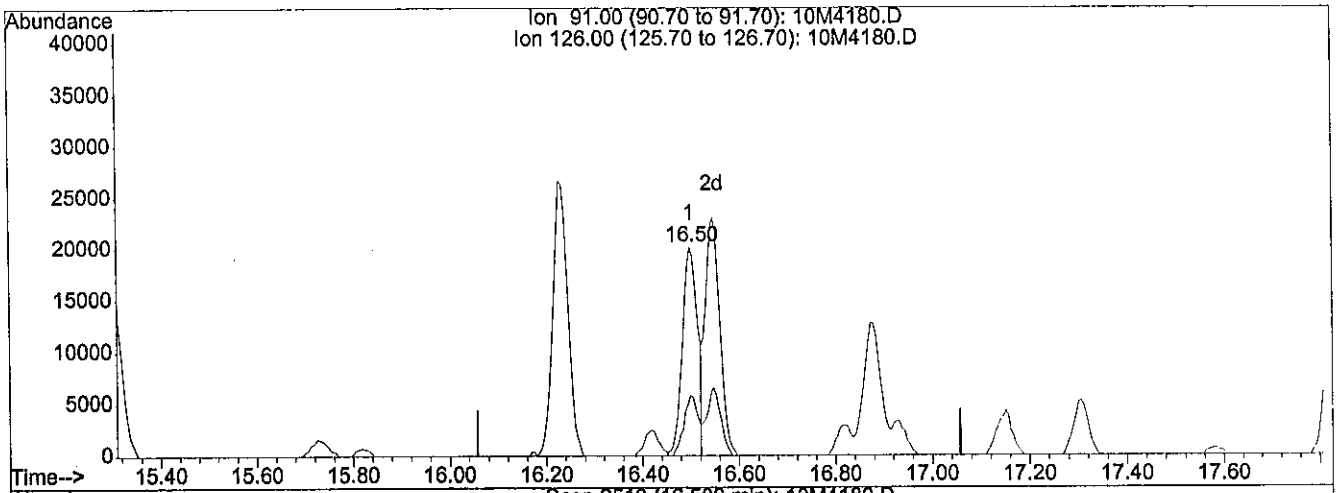
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6/19/00 cms

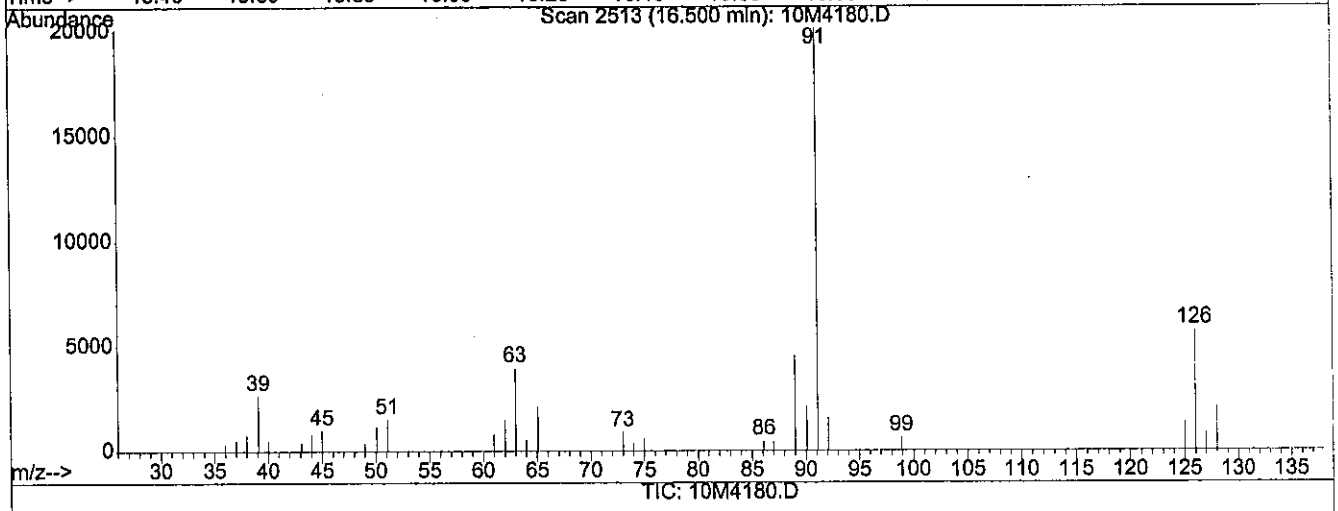
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Data File : C:\HPCHEM\1\DATA\061600\10M4180.D
Acq On : 16 Jun 2000 15:07
Sample : WG79035 1 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4180.D

(73) 4-Chlorotoluene (T)

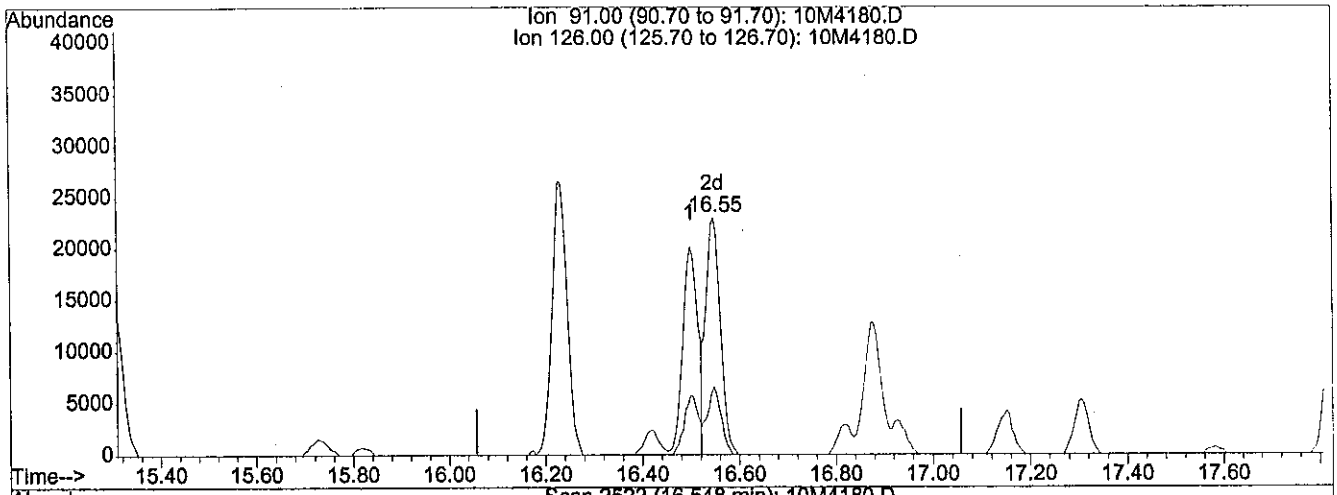
16.50min 0.81ug/L

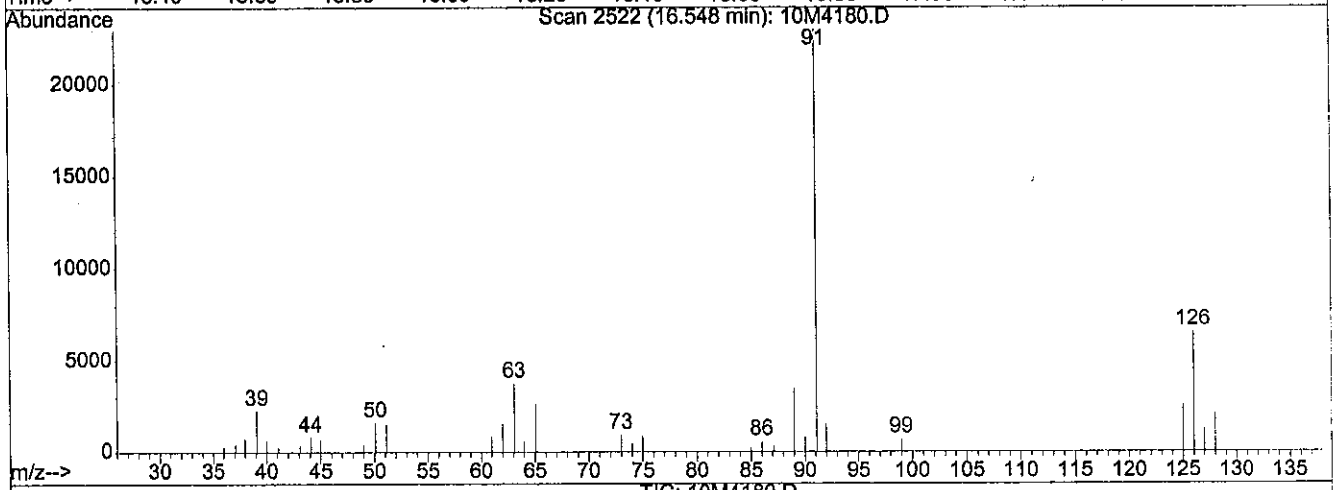
response 44003

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	27.33
0.00	0.00	0.00
0.00	0.00	0.00

Data File : C:\HPCHEM\1\DATA\061600\10M4180.D Vial: 6
Acq On : 16 Jun 2000 15:07 Operator: MES
Sample : WG79035 1 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:14 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(73) 4-Chlorotoluene (T)

16.55min 0.89ug/L m

response 48149

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	24.97#
0.00	0.00	0.00
0.00	0.00	0.00

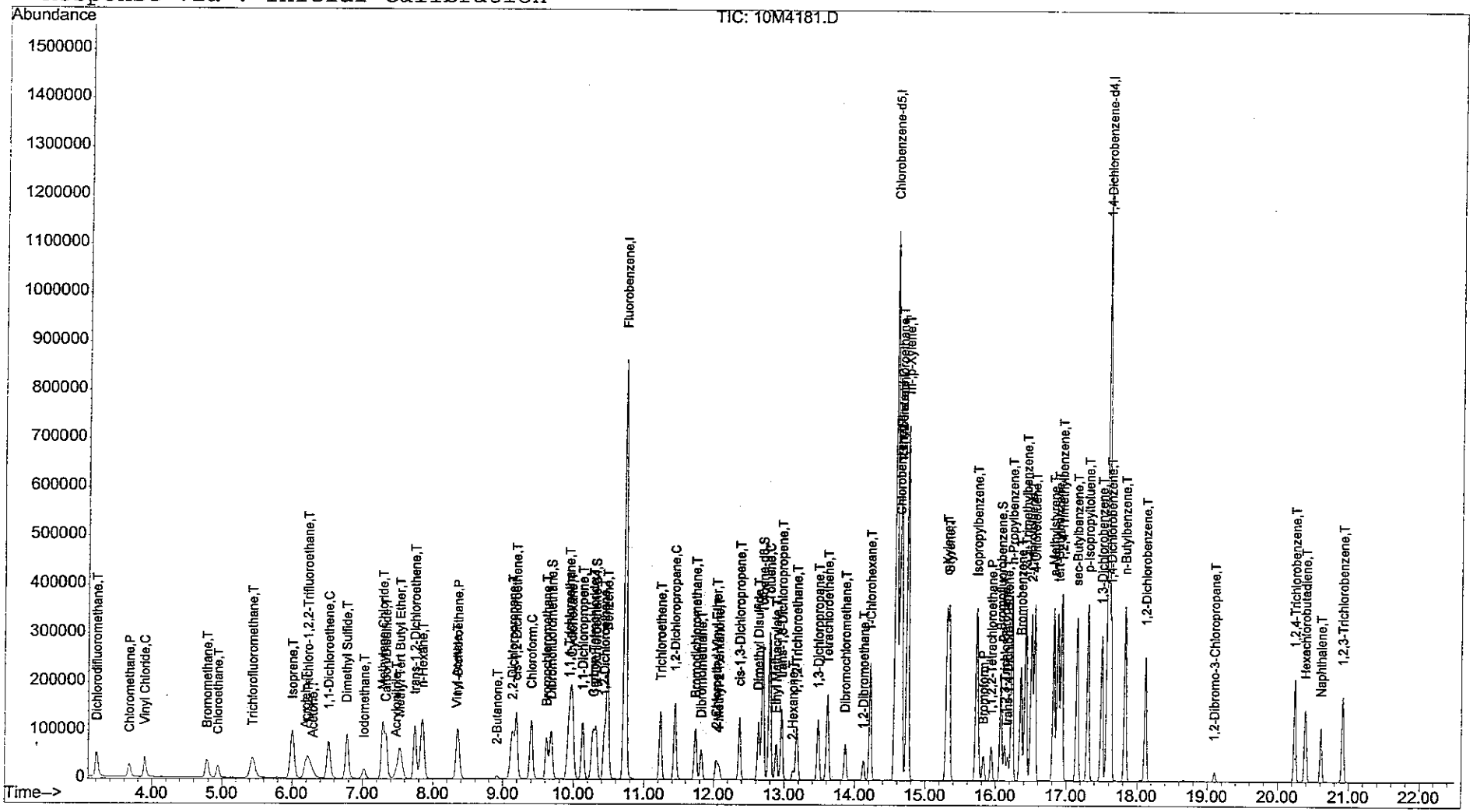
6.16.00
6/19/00 ans

10M4180.D 8260WTR.M Fri Jun 16 21:15:03 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:16 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.73	96	929070	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.57	117	664769	25.00	ug/L		-0.01
64) 1,4-Dichlorobenzene-d4	17.58	152	376390	25.00	ug/L		-0.01
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	65733	5.50	ug/L		-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 22.00%#				
33) 1,2-Dichloroethane-d4	10.31	65	91407	5.72	ug/L		-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 22.88%#				
45) Toluene-d8	12.69	98	227099	4.74	ug/L		-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 18.96%#				
66) p-Bromofluorobenzene	16.07	95	87392	4.56	ug/L		-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 18.24%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	76166	3.30	ug/L		96
3) Chloromethane	3.68	50	48710	2.84	ug/L		93
4) Vinyl Chloride	3.89	62	59826	4.20	ug/L		95
5) Bromomethane	4.78	94	45599	4.72	ug/L		99
6) Chloroethane	4.94	64	40001	3.90	ug/L		98
7) Trichlorofluoromethane	5.43	101	95303	4.38	ug/L		98
8) Isoprene	6.00	67	74085	3.97	ug/L		90
9) Acrolein	6.19	56	8565	10.27	ug/L		99
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	61296	4.59	ug/L		94
11) Acetone	6.30	43	12341	5.05	ug/L	#	46
12) 1,1-Dichloroethene	6.52	96	45518	4.52	ug/L	#	59
13) Dimethyl Sulfide	6.77	62	61315	4.17	ug/L		86
14) Iodomethane	7.02	142	34309	3.11	ug/L	#	70
15) Methylene Chloride	7.28	84	60065	4.95	ug/L		89
16) Carbon Disulfide	7.33	76	180727	4.68	ug/L		100
17) Acrylonitrile	7.47	53	13497	4.22	ug/L		85
18) Methyl Tert Butyl Ether	7.52	73	105708	3.94	ug/L		93
19) trans-1,2-Dichloroethene	7.75	96	53546	4.24	ug/L	#	62
20) n-Hexane	7.85	57	93587	3.77	ug/L		93
21) Vinyl Acetate	8.33	43	66443	3.10	ug/L	#	94
22) 1,1-Dichloroethane	8.36	63	151222	5.17	ug/L		100
23) 2-Butanone	8.92	43	12710	3.28	ug/L	#	89
24) 2,2-Dichloropropane	9.13	77	116072	4.92	ug/L	#	90
25) cis-1,2-Dichloroethene	9.19	96	59472	4.22	ug/L	#	62
26) Chloroform	9.40	83	136036	5.11	ug/L		99
27) Bromochloromethane	9.63	128	22165	5.15	ug/L	#	75
29) 1,1,1-Trichloroethane	9.93	97	129154	4.84	ug/L	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	9.98	56	117515	3.78	ug/L		92
31)	1,1-Dichloropropene	10.13	75	74448	4.34	ug/L	#	87
32)	Carbon Tetrachloride	10.28	117	104508	4.54	ug/L		99
34)	1,2-Dichloroethane	10.43	62	113602	5.17	ug/L	#	97
35)	Benzene	10.48	78	257581	4.35	ug/L		99
36)	Trichloroethene	11.23	130	50463	4.48	ug/L	#	87
37)	1,2-Dichloropropane	11.43	63	68880	4.95	ug/L	#	75
38)	Bromodichloromethane	11.74	83	88616	4.73	ug/L		99
39)	Dibromomethane	11.82	93	29913	5.14	ug/L		95
40)	2-Chloroethyl Vinyl Ether	12.04	63	17861	3.03	ug/L		93
41)	4-Methyl-2-Pentanone	12.07	58	10518	3.40	ug/L	#	90
42)	cis-1,3-Dichloropropene	12.37	75	77836	3.88	ug/L		91
43)	Dimethyl Disulfide	12.63	79	37204	3.23	ug/L	#	69
46)	Toluene	12.80	91	268504	4.22	ug/L		98
47)	Ethyl Methacrylate	12.89	69	42829	3.67	ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	90085	4.60	ug/L	#	87
49)	1,1,2-Trichloroethane	13.17	97	40324	4.86	ug/L		97
50)	2-Hexanone	13.13	43	18224	3.13	ug/L	#	50
51)	1,3-Dichloropropane	13.48	76	73368	4.74	ug/L		85
52)	Tetrachloroethene	13.61	164	49367	4.42	ug/L		97
53)	Dibromochloromethane	13.86	129	47190	4.44	ug/L		99
54)	1,2-Dibromoethane	14.12	107	32295	3.98	ug/L		100
55)	1-Chlorohexane	14.22	91	69695	3.49	ug/L	#	70
56)	Chlorobenzene	14.63	112	177765	4.77	ug/L		100
57)	1,1,1,2-Tetrachloroethane	14.66	131	64681	5.01	ug/L		99
58)	Ethylbenzene	14.65	106	96686	4.65	ug/L		83
59)	m-,p-Xylene	14.74	106	241049	9.15	ug/L		77
60)	o-Xylene	15.30	106	101405	3.91	ug/L		77
61)	Styrene	15.34	104	183613	4.07	ug/L	#	74
62)	Bromoform	15.82	173	30475	4.39	ug/L		100
63)	Isopropylbenzene	15.73	105	279002	4.08	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	42779	4.86	ug/L		95
67)	1,2,3-Trichloropropane	16.12	110	13749	4.66	ug/L		88
68)	trans-1,4-Dichloro-2-Buten	16.17	53	17540	3.97	ug/L	#	1
69)	n-Propylbenzene	16.23	91	379651	4.04	ug/L		91
70)	Bromobenzene	16.36	156	68839	4.96	ug/L		90
71)	1,3,5-Trimethylbenzene	16.41	105	256553	4.20	ug/L		88
72)	2-Chlorotoluene	16.50	91	267790	4.96	ug/L	#	82
73)	4-Chlorotoluene	16.55	91	245245	4.32	ug/L		88
74)	a-Methylstyrene	16.81	118	114931	3.78	ug/L		91
75)	tert-Butylbenzene	16.88	119	222246m	5.17	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

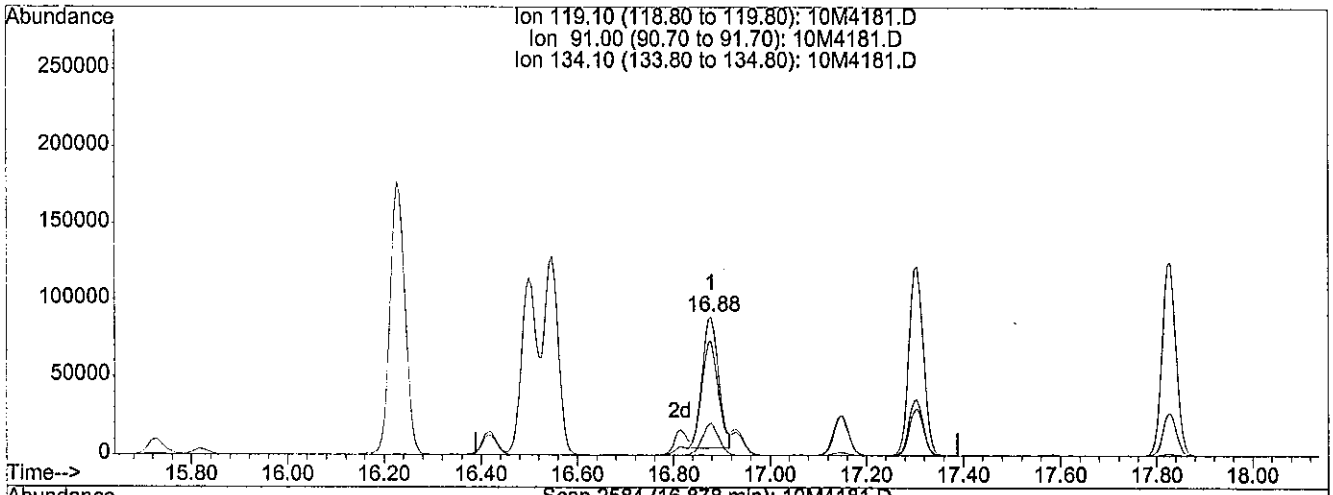
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	278152	4.56	ug/L		90
77)	sec-Butylbenzene	17.15	105	297406	3.93	ug/L		93
78)	p-Isopropyltoluene	17.31	119	254038	4.13	ug/L		94
79)	1,3-Dichlorobenzene	17.50	146	135600	4.65	ug/L		92
80)	1,4-Dichlorobenzene	17.62	146	143228	4.68	ug/L	#	85
81)	n-Butylbenzene	17.83	91	252886	4.22	ug/L	#	91
82)	1,2-Dichlorobenzene	18.12	146	115582	4.61	ug/L		91
83)	1,2-Dibromo-3-Chloropropan	19.10	157	5354	3.26	ug/L	#	49
84)	1,2,4-Trichlorobenzene	20.24	180	74951	4.30	ug/L		97
85)	Hexachlorobutadiene	20.39	225	43485	4.59	ug/L		96
86)	Naphthalene	20.61	128	90054	3.52	ug/L		99
87)	1,2,3-Trichlorobenzene	20.91	180	63502	4.34	ug/L		97

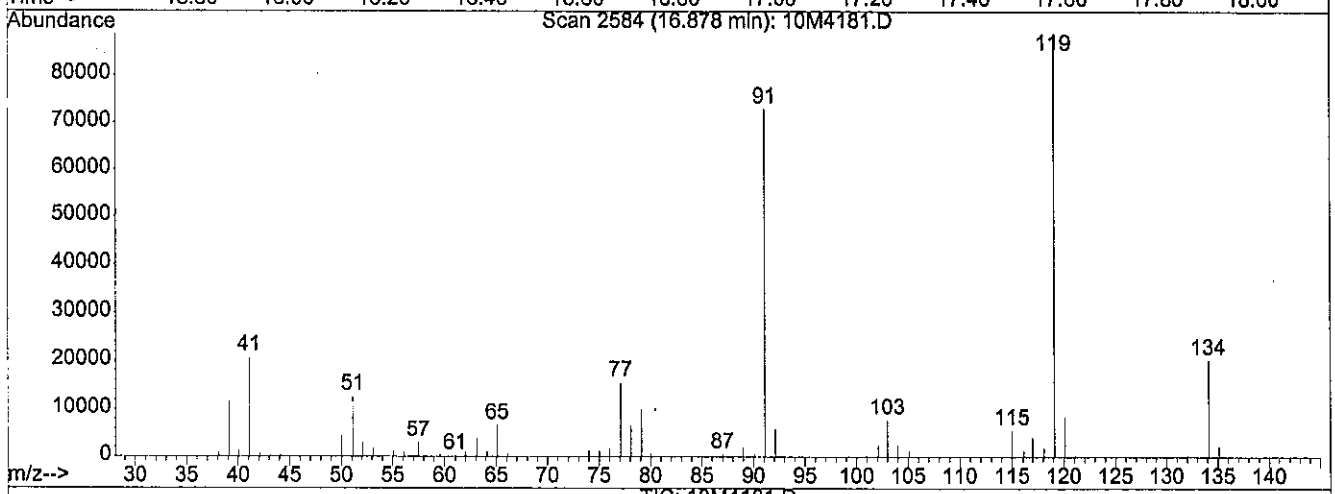
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4181.D

(75) tert-Butylbenzene (T)

16.88min 4.62ug/L

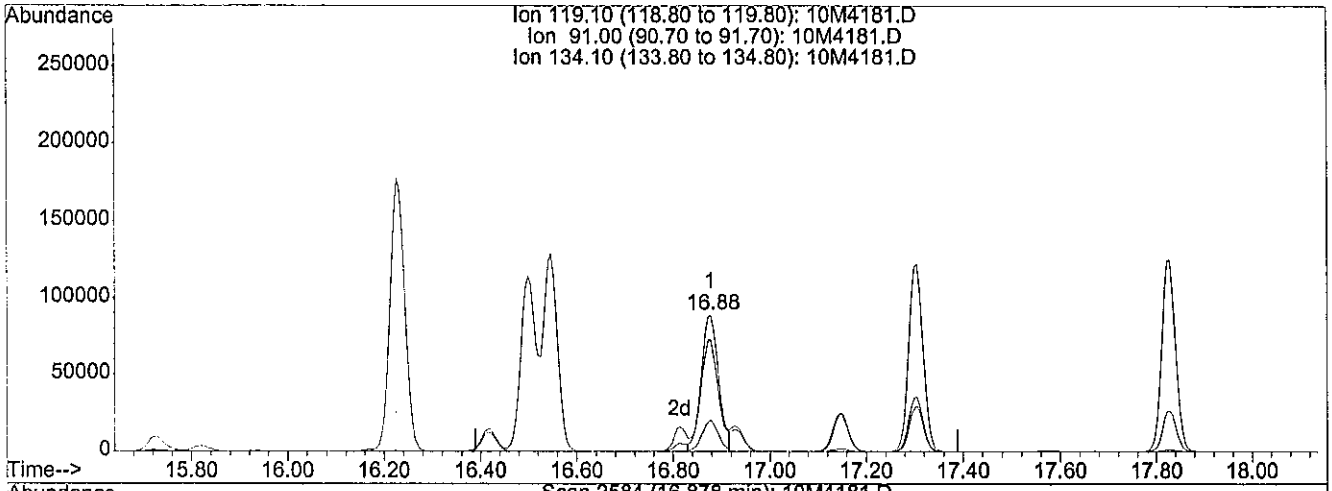
response 198571

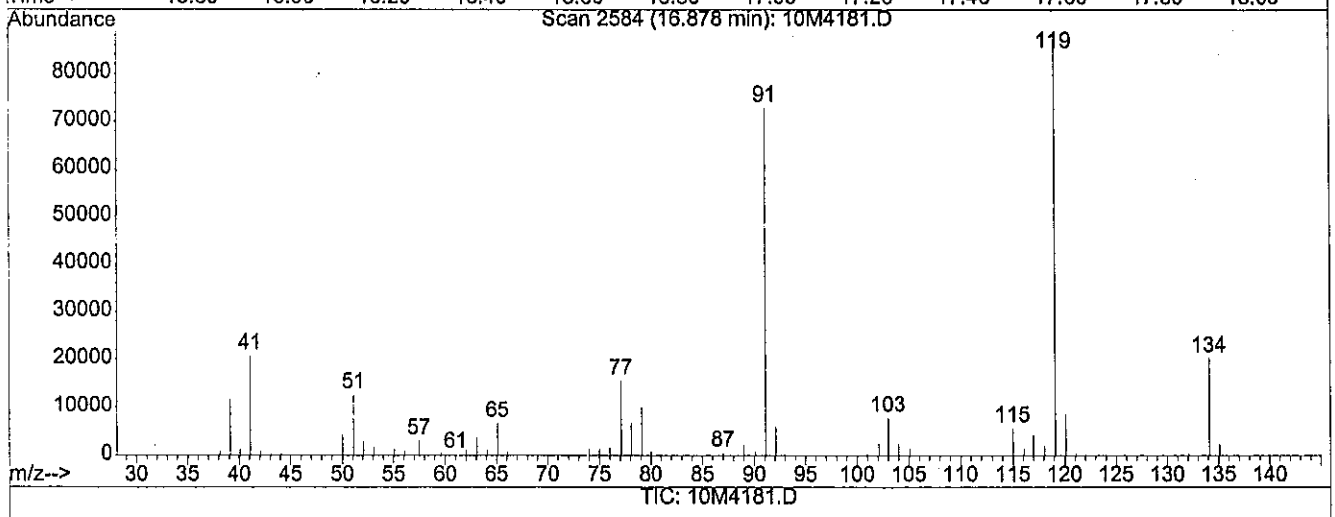
Ion	Exp%	Act%
119.10	100	100
91.00	48.20	73.97#
134.10	23.60	24.54
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4181.D Vial: 7
Acq On : 16 Jun 2000 15:39 Operator: MES
Sample : WG79035 5 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:16 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(75) tert-Butylbenzene (T)

16.88min 5.17ug/L m

response 222246

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	66.09#
134.10	23.60	21.92
0.00	0.00	0.00

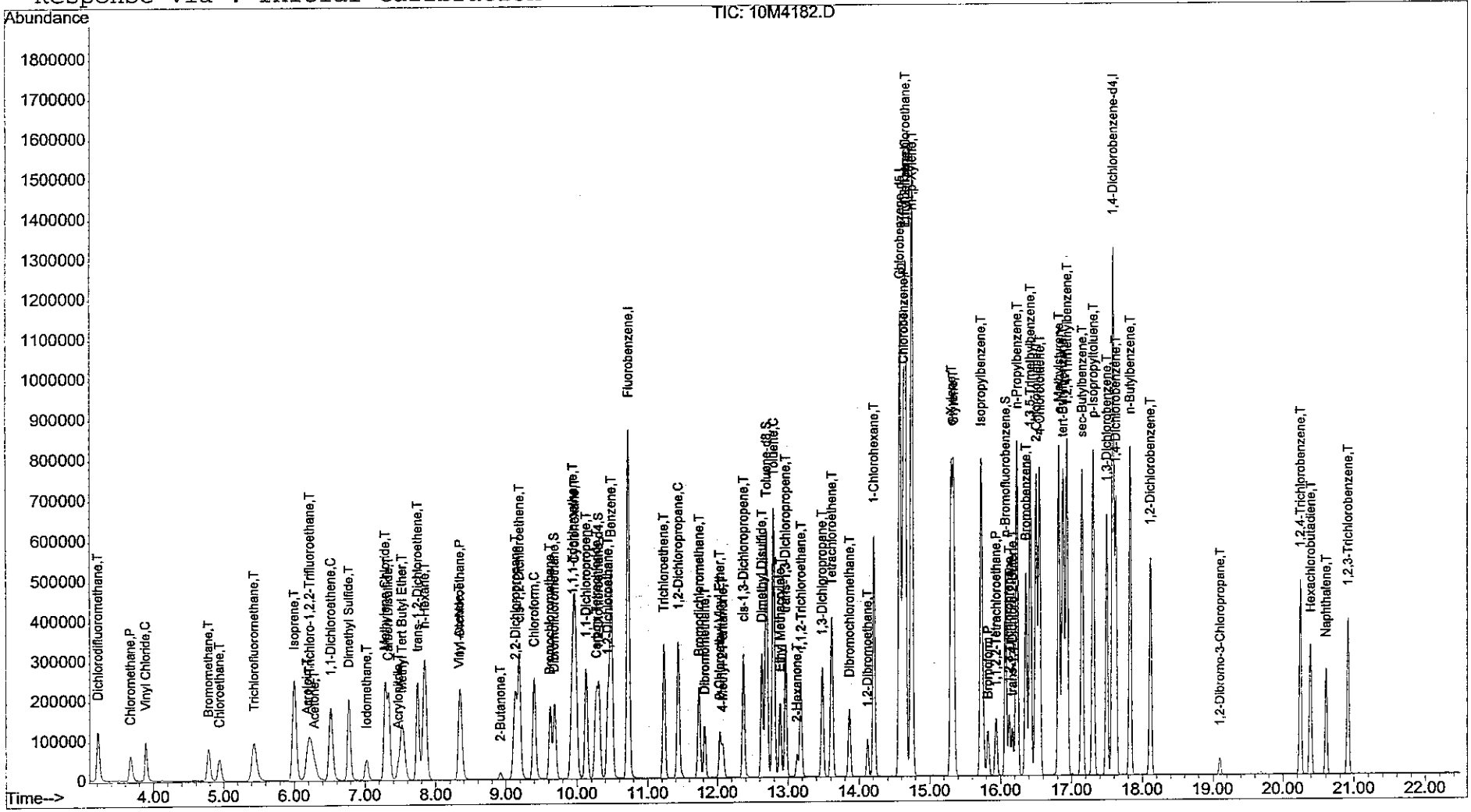
Rlf 6.16.00
Ul9(a) ans

10M4181.D 8260WTR.M Fri Jun 16 21:16:42 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:20 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:20 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	948603	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	686956	25.00	ug/L	-0.01
64) 1,4-Dichlorobenzene-d4	17.58	152	391091	25.00	ug/L	-0.02
System Monitoring Compounds						
28) Dibromofluoromethane	9.69	111	140517	11.51	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 46.04%#			
33) 1,2-Dichloroethane-d4	10.31	65	191553	11.73	ug/L	-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 46.92%#			
45) Toluene-d8	12.70	98	505397	10.21	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 40.84%#			
66) p-Bromofluorobenzene	16.07	95	207478	10.42	ug/L	-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 41.68%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	181418	7.69	ug/L	96
3) Chloromethane	3.68	50	111132	6.35	ug/L	95
4) Vinyl Chloride	3.89	62	130895	8.99	ug/L	97
5) Bromomethane	4.78	94	99725	10.10	ug/L	98
6) Chloroethane	4.94	64	91287	8.72	ug/L	99
7) Trichlorofluoromethane	5.43	101	224238	10.10	ug/L	97
8) Isoprene	6.00	67	190523	10.01	ug/L	90
9) Acrolein	6.18	56	19125	22.46	ug/L	97
10) 1,1,2-Trichloro-1,2,2-Trif	6.22	101	148439	10.89	ug/L	93
11) Acetone	6.29	43	26685	10.69	ug/L #	89
12) 1,1-Dichloroethene	6.52	96	107809	10.48	ug/L #	61
13) Dimethyl Sulfide	6.78	62	145943	9.73	ug/L	91
14) Iodomethane	7.02	142	95823	8.50	ug/L #	73
15) Methylene Chloride	7.28	84	123834	10.00	ug/L	89
16) Carbon Disulfide	7.33	76	425304	10.80	ug/L	100
17) Acrylonitrile	7.46	53	32456	9.94	ug/L	88
18) Methyl Tert Butyl Ether	7.52	73	251686	9.20	ug/L	94
19) trans-1,2-Dichloroethene	7.74	96	120999	9.39	ug/L #	61
20) n-Hexane	7.84	57	246731	9.74	ug/L	93
21) Vinyl Acetate	8.33	43	179198	8.19	ug/L #	95
22) 1,1-Dichloroethane	8.35	63	321317	10.76	ug/L	99
23) 2-Butanone	8.92	43	33204	8.39	ug/L	94
24) 2,2-Dichloropropane	9.14	77	264023	10.95	ug/L	91
25) cis-1,2-Dichloroethene	9.19	96	138402	9.62	ug/L #	63
26) Chloroform	9.40	83	287927	10.60	ug/L	100
27) Bromochloromethane	9.62	128	47231	10.75	ug/L #	77
29) 1,1,1-Trichloroethane	9.94	97	282919	10.39	ug/L #	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:20 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	9.97	56	311550	9.83	ug/L		92
31)	1,1-Dichloropropene	10.13	75	177284	10.12	ug/L	#	87
32)	Carbon Tetrachloride	10.27	117	233967	9.96	ug/L		99
34)	1,2-Dichloroethane	10.43	62	237239	10.57	ug/L	#	98
35)	Benzene	10.48	78	568053	9.40	ug/L		98
36)	Trichloroethene	11.23	130	119032	10.36	ug/L	#	87
37)	1,2-Dichloropropane	11.44	63	152204	10.71	ug/L	#	77
38)	Bromodichloromethane	11.74	83	190187	9.94	ug/L		99
39)	Dibromomethane	11.81	93	63471	10.69	ug/L		95
40)	2-Chloroethyl Vinyl Ether	12.03	63	48474	8.06	ug/L		95
41)	4-Methyl-2-Pentanone	12.07	58	29333	9.28	ug/L	#	91
42)	cis-1,3-Dichloropropene	12.37	75	187561	9.16	ug/L	#	90
43)	Dimethyl Disulfide	12.63	79	101756	8.65	ug/L	#	67
46)	Toluene	12.79	91	601327	9.15	ug/L		98
47)	Ethyl Methacrylate	12.89	69	107579	8.92	ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	203033	10.02	ug/L	#	86
49)	1,1,2-Trichloroethane	13.18	97	84204	9.82	ug/L		96
50)	2-Hexanone	13.12	43	54219	9.02	ug/L	#	64
51)	1,3-Dichloropropane	13.48	76	164780	10.30	ug/L		88
52)	Tetrachloroethene	13.61	164	112396	9.74	ug/L		97
53)	Dibromochloromethane	13.86	129	102969	9.37	ug/L		99
54)	1,2-Dibromoethane	14.12	107	73710	8.78	ug/L		98
55)	1-Chlorohexane	14.21	91	190092	9.22	ug/L	#	77
56)	Chlorobenzene	14.62	112	378632	9.82	ug/L		100
57)	1,1,1,2-Tetrachloroethane	14.65	131	138636	10.38	ug/L		99
58)	Ethylbenzene	14.65	106	214528	9.98	ug/L		83
59)	m-,p-Xylene	14.74	106	534527	19.64	ug/L		76
60)	o-Xylene	15.30	106	240634	8.97	ug/L		78
61)	Styrene	15.34	104	411798	8.83	ug/L	#	75
62)	Bromoform	15.82	173	65429	9.11	ug/L		99
63)	Isopropylbenzene	15.73	105	663219	9.38	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	86971	9.52	ug/L		98
67)	1,2,3-Trichloropropane	16.13	110	28687	9.36	ug/L		87
68)	trans-1,4-Dichloro-2-Buten	16.17	53	38568	8.41	ug/L	#	6
69)	n-Propylbenzene	16.23	91	867385	8.88	ug/L		92
70)	Bromobenzene	16.36	156	149715	10.39	ug/L		87
71)	1,3,5-Trimethylbenzene	16.41	105	579560	9.13	ug/L		89
72)	2-Chlorotoluene	16.50	91	552648	9.86	ug/L	#	82
73)	4-Chlorotoluene	16.55	91	569342	9.64	ug/L		88
74)	a-Methylstyrene	16.82	118	282942	8.96	ug/L		91
75)	tert-Butylbenzene	16.88	119	495155m	11.09	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:20 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

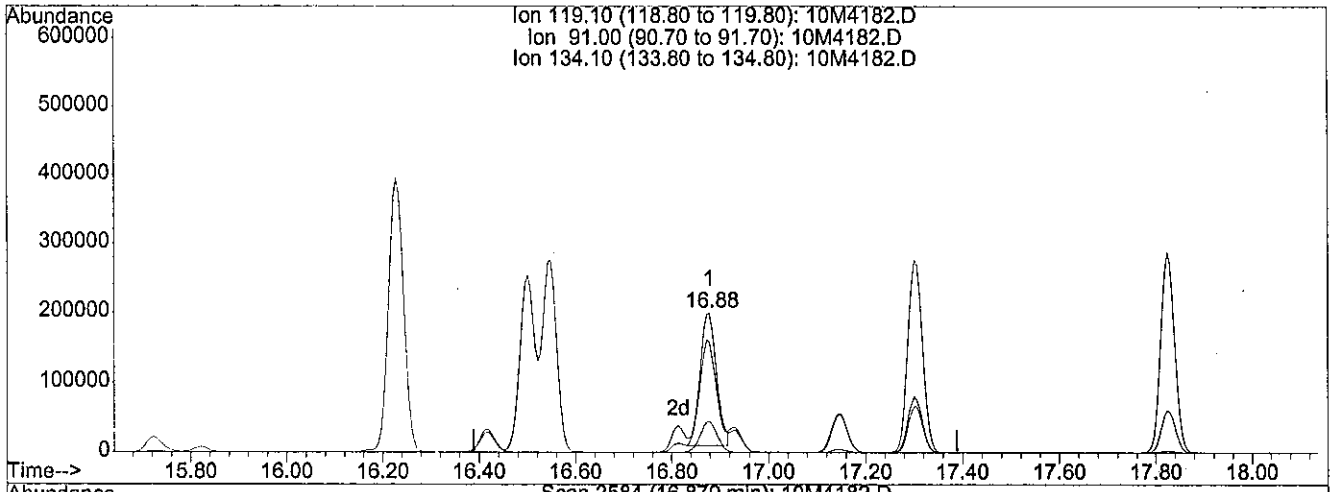
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	613409	9.67	ug/L		89
77)	sec-Butylbenzene	17.15	105	693992	8.83	ug/L		93
78)	p-Isopropyltoluene	17.30	119	589947	9.23	ug/L		94
79)	1,3-Dichlorobenzene	17.49	146	295154	9.75	ug/L		91
80)	1,4-Dichlorobenzene	17.62	146	300838	9.47	ug/L		88
81)	n-Butylbenzene	17.82	91	586983	9.43	ug/L	#	91
82)	1,2-Dichlorobenzene	18.11	146	250260	9.61	ug/L		91
83)	1,2-Dibromo-3-Chloropropan	19.10	157	11432	6.70	ug/L	#	48
84)	1,2,4-Trichlorobenzene	20.24	180	173045	9.56	ug/L		96
85)	Hexachlorobutadiene	20.40	225	96128	9.76	ug/L		96
86)	Naphthalene	20.60	128	218271	8.22	ug/L		100
87)	1,2,3-Trichlorobenzene	20.91	180	140898	9.27	ug/L		97

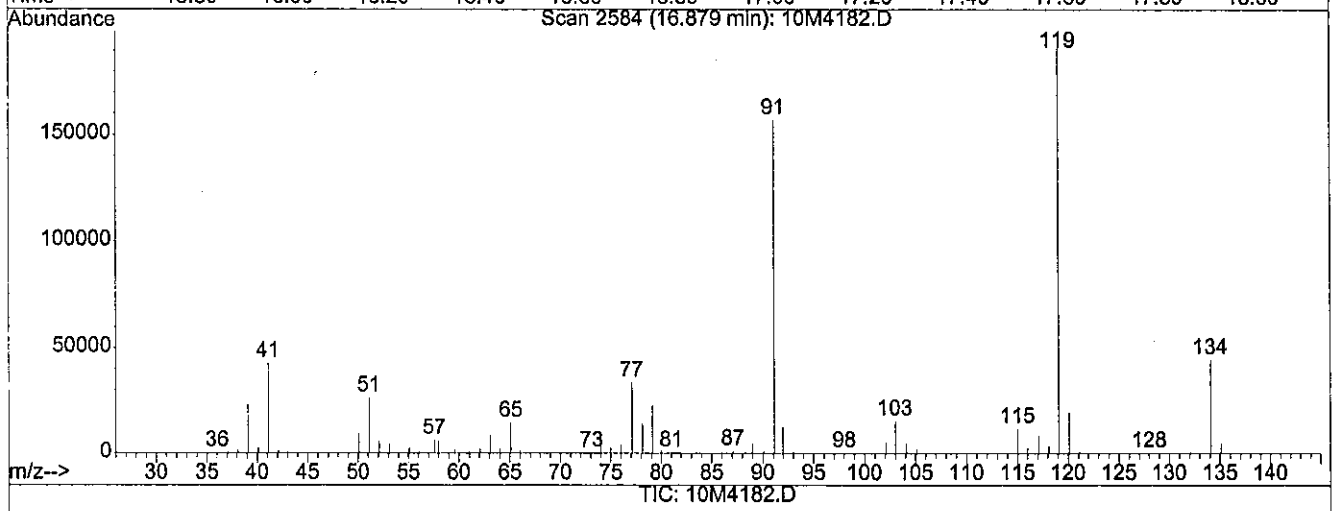
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:05 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4182.D

(75) tert-Butylbenzene (T)

16.88min 10.02ug/L

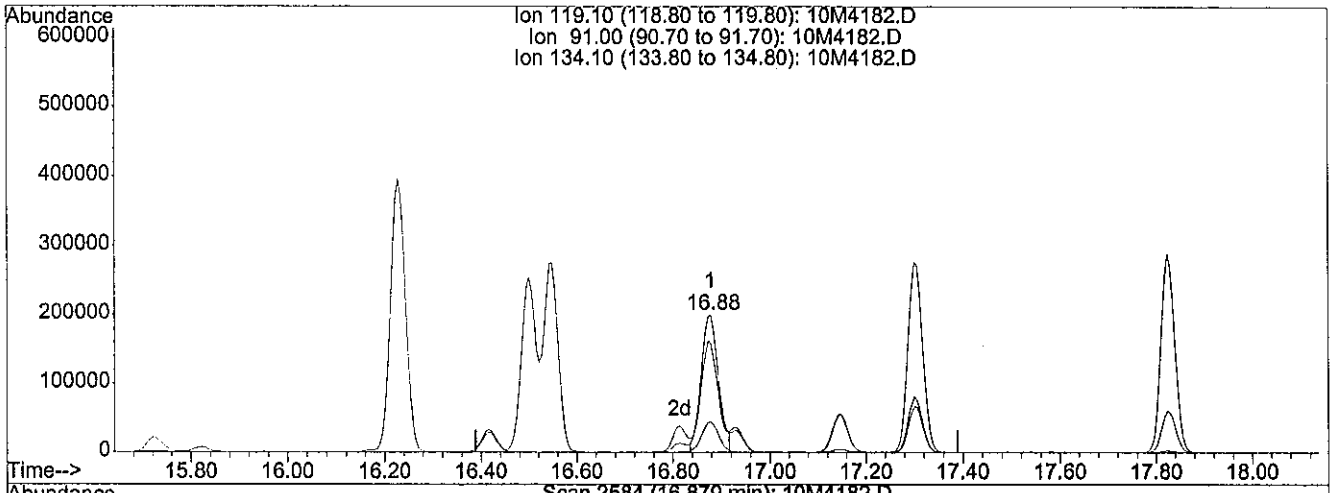
response 447353

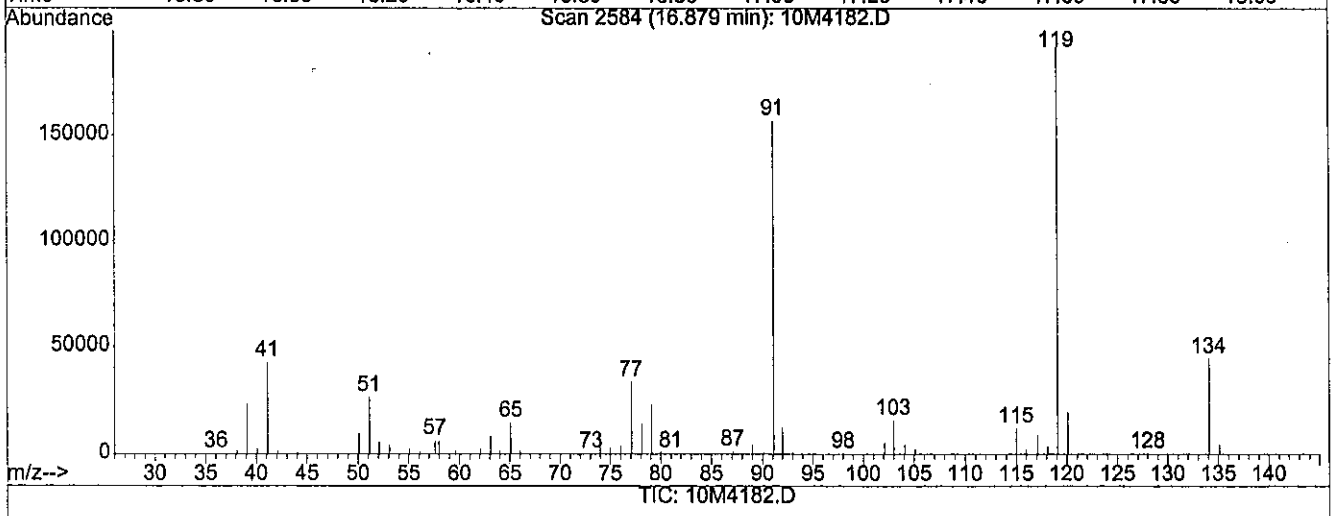
Ion	Exp%	Act%
119.10	100	100
91.00	48.20	71.40#
134.10	23.60	24.59
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4182.D Vial: 8
Acq On : 16 Jun 2000 16:12 Operator: MES
Sample : WG79035 10 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:20 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4182.D

(75) tert-Butylbenzene (T)

16.88min 11.09ug/L m

response 495155

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	64.51#
134.10	23.60	22.22
0.00	0.00	0.00

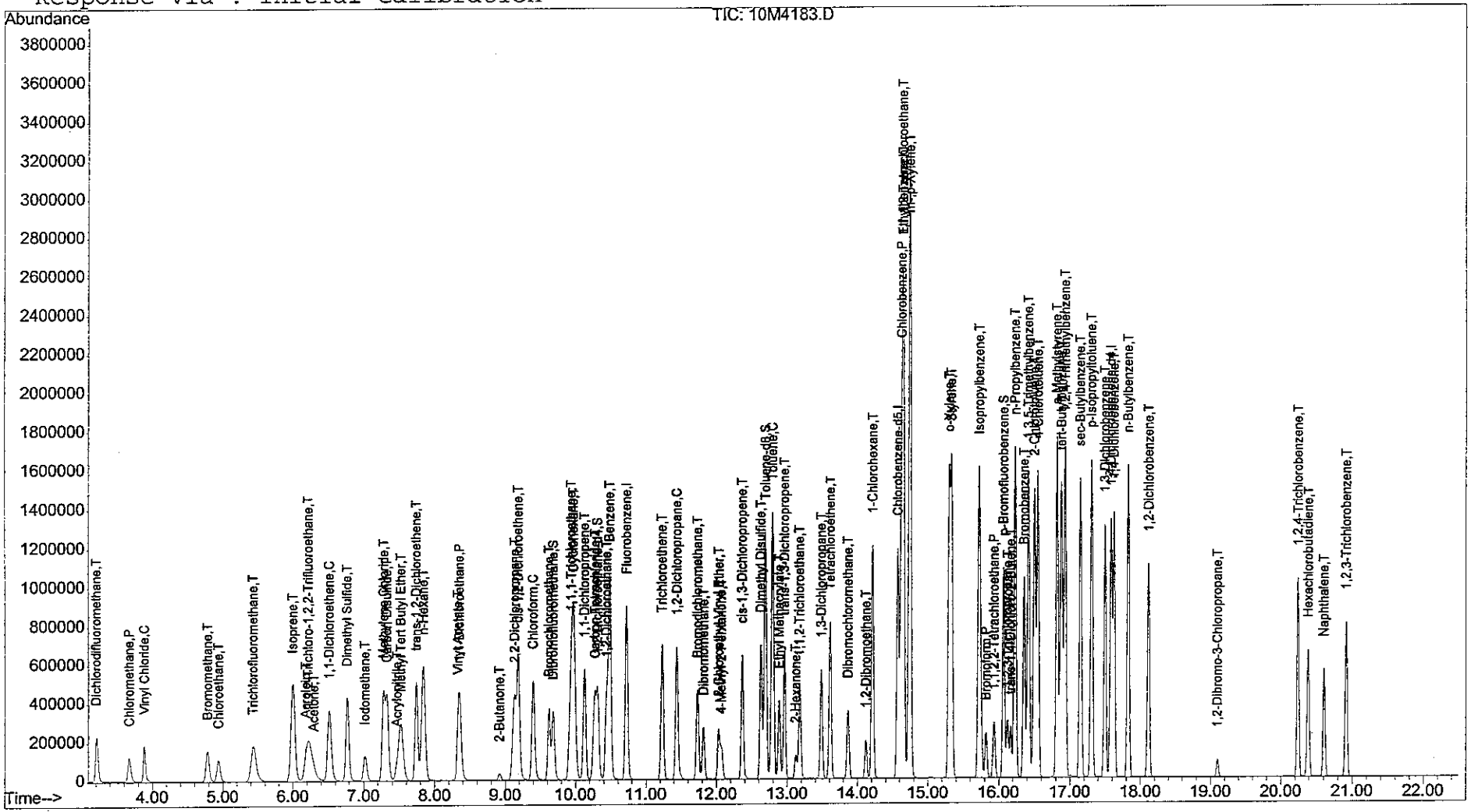
RJ 6-16-00
6611900 cells

10M4182.D 8260WTR.M Fri Jun 16 21:20:13 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D Vial: 9
Acq On : 16 Jun 2000 16:51 Operator: MES
Sample : WG79035 20 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:22 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D Vial: 9
Acq On : 16 Jun 2000 16:51 Operator: MES
Sample : WG79035 20 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:22 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	983979	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	707204	25.00	ug/L	-0.01
64) 1,4-Dichlorobenzene-d4	17.58	152	401546	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	288985	22.82	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 91.28%			
33) 1,2-Dichloroethane-d4	10.31	65	386451	22.81	ug/L	-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 91.24%			
45) Toluene-d8	12.69	98	1062229	20.83	ug/L	-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 83.32%#			
66) p-Bromofluorobenzene	16.07	95	441542	21.60	ug/L	-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 86.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	351469	14.37	ug/L	95
3) Chloromethane	3.67	50	218908	12.05	ug/L	95
4) Vinyl Chloride	3.89	62	238707	15.81	ug/L	95
5) Bromomethane	4.78	94	195062	19.05	ug/L	99
6) Chloroethane	4.94	64	182210	16.79	ug/L	99
7) Trichlorofluoromethane	5.43	101	430234	18.68	ug/L	98
8) Isoprene	6.00	67	402054	20.36	ug/L	91
9) Acrolein	6.18	56	47011	53.23	ug/L	97
10) 1,1,2-Trichloro-1,2,2-Trif	6.22	101	287270	20.32	ug/L	96
11) Acetone	6.30	43	49999	19.30	ug/L	94
12) 1,1-Dichloroethene	6.51	96	221406	20.76	ug/L #	62
13) Dimethyl Sulfide	6.77	62	322241	20.70	ug/L	93
14) Iodomethane	7.02	142	235356	20.12	ug/L #	74
15) Methylene Chloride	7.28	84	252539	19.66	ug/L	93
16) Carbon Disulfide	7.33	76	883474	21.62	ug/L	99
17) Acrylonitrile	7.46	53	68339	20.17	ug/L	87
18) Methyl Tert Butyl Ether	7.52	73	571383	20.13	ug/L	93
19) trans-1,2-Dichloroethene	7.74	96	252828	18.92	ug/L #	62
20) n-Hexane	7.84	57	500395	19.04	ug/L	94
21) Vinyl Acetate	8.32	43	418348	18.44	ug/L #	95
22) 1,1-Dichloroethane	8.36	63	654535	21.13	ug/L	99
23) 2-Butanone	8.92	43	70804	17.26	ug/L	95
24) 2,2-Dichloropropane	9.13	77	543925	21.75	ug/L	91
25) cis-1,2-Dichloroethene	9.19	96	289590	19.40	ug/L #	65
26) Chloroform	9.40	83	576782	20.47	ug/L	98
27) Bromochloromethane	9.62	128	96767	21.24	ug/L #	78
29) 1,1,1-Trichloroethane	9.93	97	570057	20.19	ug/L #	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D
Acq On : 16 Jun 2000 16:51
Sample : WG79035 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:22 2000

Vial: 9
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	9.97	56	639287	19.44	ug/L		92
31)	1,1-Dichloropropene	10.13	75	367705	20.24	ug/L	#	87
32)	Carbon Tetrachloride	10.27	117	462034	18.95	ug/L		100
34)	1,2-Dichloroethane	10.43	62	475874	20.45	ug/L	#	98
35)	Benzene	10.48	78	1171474	18.68	ug/L		98
36)	Trichloroethene	11.23	130	250967	21.05	ug/L	#	88
37)	1,2-Dichloropropane	11.43	63	315827	21.43	ug/L	#	80
38)	Bromodichloromethane	11.73	83	390898	19.70	ug/L		99
39)	Dibromomethane	11.81	93	128740	20.91	ug/L		97
40)	2-Chloroethyl Vinyl Ether	12.03	63	117498	18.84	ug/L		96
41)	4-Methyl-2-Pentanone	12.07	58	59795	18.24	ug/L		93
42)	cis-1,3-Dichloropropene	12.36	75	406496	19.14	ug/L	#	90
43)	Dimethyl Disulfide	12.63	79	242046	19.83	ug/L	#	68
46)	Toluene	12.79	91	1251198	18.49	ug/L		98
47)	Ethyl Methacrylate	12.89	69	244979	19.72	ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	421471	20.21	ug/L	#	87
49)	1,1,2-Trichloroethane	13.17	97	171824	19.47	ug/L		96
50)	2-Hexanone	13.12	43	112990	18.26	ug/L	#	68
51)	1,3-Dichloropropane	13.48	76	344133	20.89	ug/L		91
52)	Tetrachloroethene	13.61	164	229232	19.29	ug/L		97
53)	Dibromochloromethane	13.86	129	216394	19.13	ug/L		99
54)	1,2-Dibromoethane	14.12	107	158039	18.29	ug/L		97
55)	1-Chlorohexane	14.22	91	411458	19.39	ug/L		82
56)	Chlorobenzene	14.63	112	780952	19.68	ug/L		100
57)	1,1,1,2-Tetrachloroethane	14.65	131	281923	20.51	ug/L		99
58)	Ethylbenzene	14.65	106	441178	19.94	ug/L		81
59)	m-,p-Xylene	14.74	106	1109515	39.59	ug/L		78
60)	o-Xylene	15.30	106	511471	18.52	ug/L		79
61)	Styrene	15.34	104	858797	17.88	ug/L	#	76
62)	Bromoform	15.82	173	138277	18.71	ug/L		98
63)	Isopropylbenzene	15.73	105	1398966	19.22	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	177217	18.89	ug/L		98
67)	1,2,3-Trichloropropane	16.13	110	57788	18.37	ug/L		81
68)	trans-1,4-Dichloro-2-Buten	16.17	53	84110	17.87	ug/L	#	9
69)	n-Propylbenzene	16.23	91	1792424	17.88	ug/L		91
70)	Bromobenzene	16.36	156	311194	21.03	ug/L		85
71)	1,3,5-Trimethylbenzene	16.42	105	1203527	18.47	ug/L		89
72)	2-Chlorotoluene	16.50	91	1118565	19.44	ug/L	#	85
73)	4-Chlorotoluene	16.55	91	1182474m	19.51	ug/L		
74)	a-Methylstyrene	16.81	118	627610	19.37	ug/L		91
75)	tert-Butylbenzene	16.88	119	1005228m	21.93	ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D
Acq On : 16 Jun 2000 16:51
Sample : WG79035 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:22 2000

Vial: 9
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	1253360	19.24	ug/L		90
77)	sec-Butylbenzene	17.15	105	1434420	17.78	ug/L		93
78)	p-Isopropyltoluene	17.31	119	1227086	18.70	ug/L		94
79)	1,3-Dichlorobenzene	17.50	146	606449	19.50	ug/L		92
80)	1,4-Dichlorobenzene	17.62	146	613263	18.80	ug/L		90
81)	n-Butylbenzene	17.83	91	1209193	18.93	ug/L	#	91
82)	1,2-Dichlorobenzene	18.12	146	512674	19.18	ug/L		92
83)	1,2-Dibromo-3-Chloropropan	19.10	157	25830	14.75	ug/L	#	61
84)	1,2,4-Trichlorobenzene	20.24	180	375273	20.19	ug/L		96
85)	Hexachlorobutadiene	20.39	225	190542	18.83	ug/L		95
86)	Naphthalene	20.60	128	474668	17.41	ug/L		99
87)	1,2,3-Trichlorobenzene	20.91	180	293574	18.82	ug/L		96

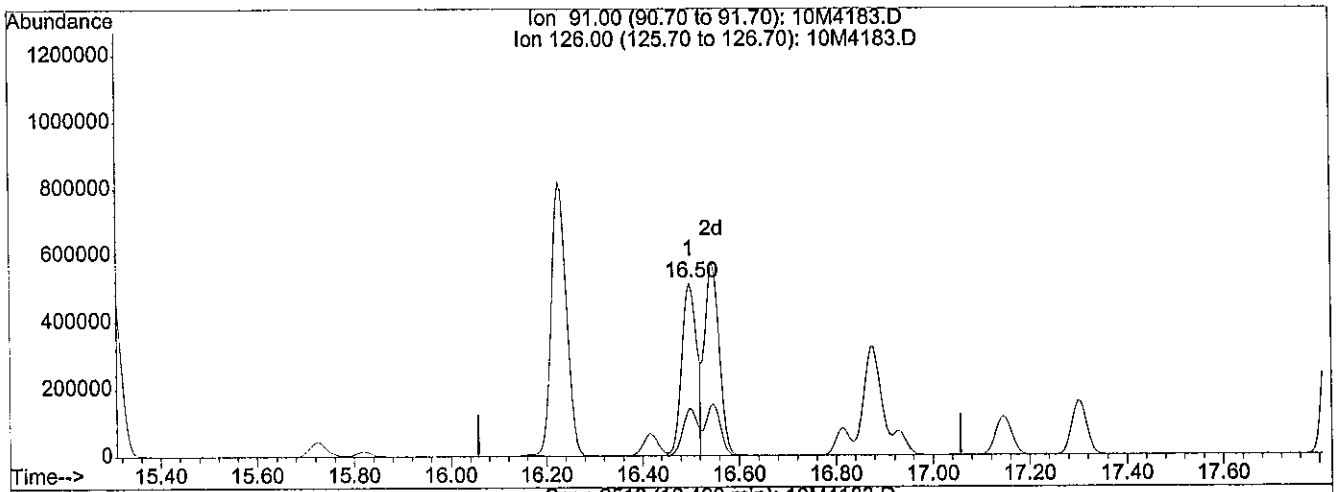
(#) = qualifier out of range (m) = manual integration

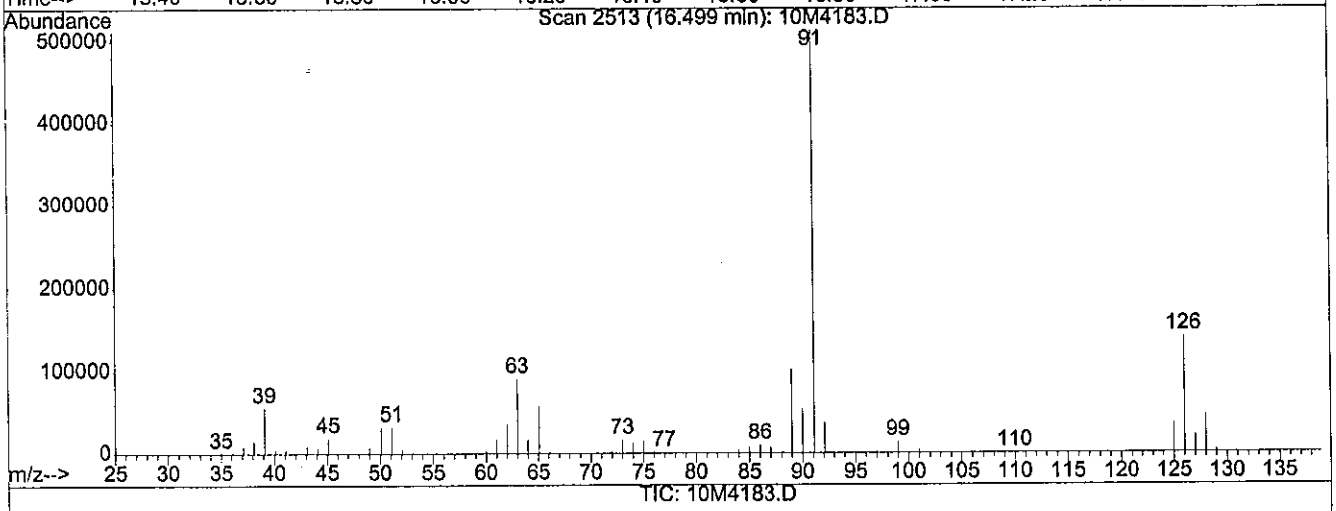
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D
Acq On : 16 Jun 2000 16:51
Sample : WG79035 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:05 2000

Vial: 9
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4183.D

(73) 4-Chlorotoluene (T)

16.50min 18.46ug/L

response 1118565

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	29.24
0.00	0.00	0.00
0.00	0.00	0.00

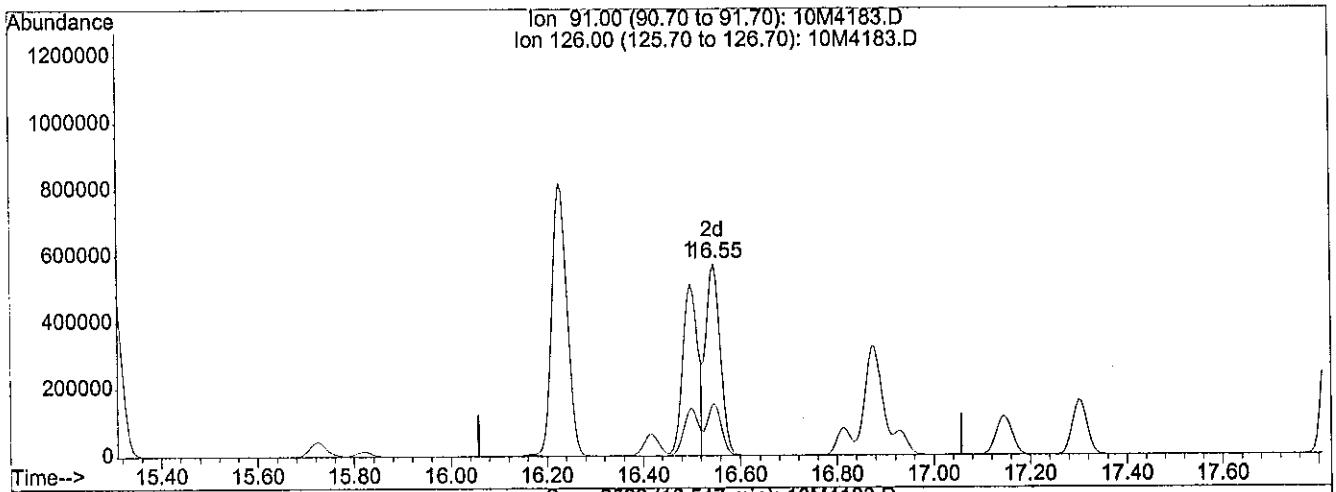
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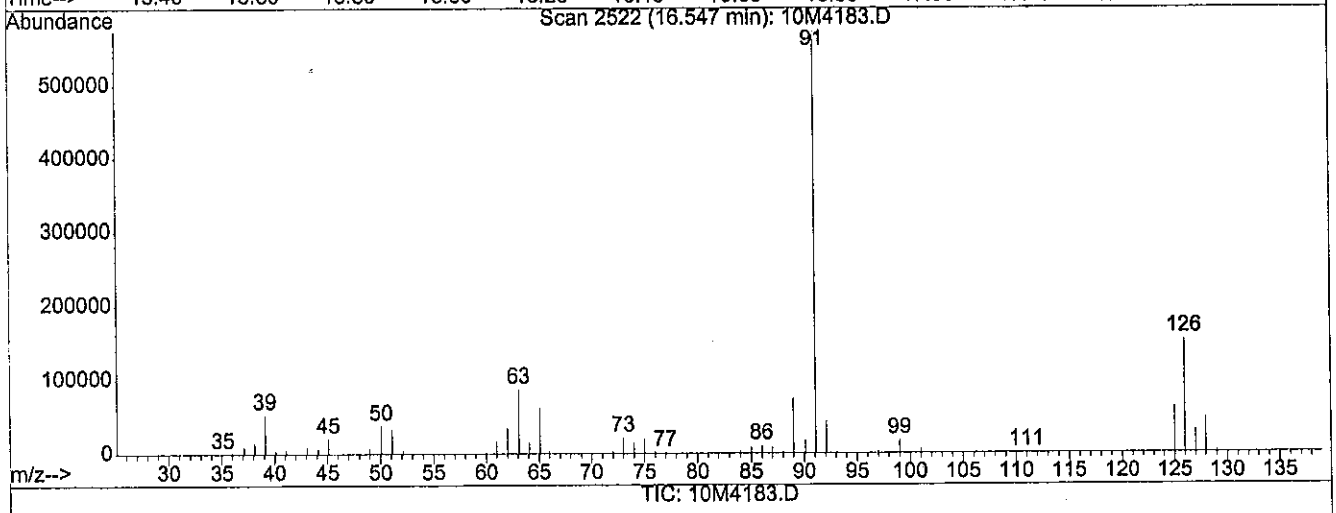
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D
Acq On : 16 Jun 2000 16:51
Sample : WG79035 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:21 2000

Vial: 9
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4183.D

(73) 4-Chlorotoluene (T)

16.55min 19.51ug/L m

response 1182474

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	27.66
0.00	0.00	0.00
0.00	0.00	0.00

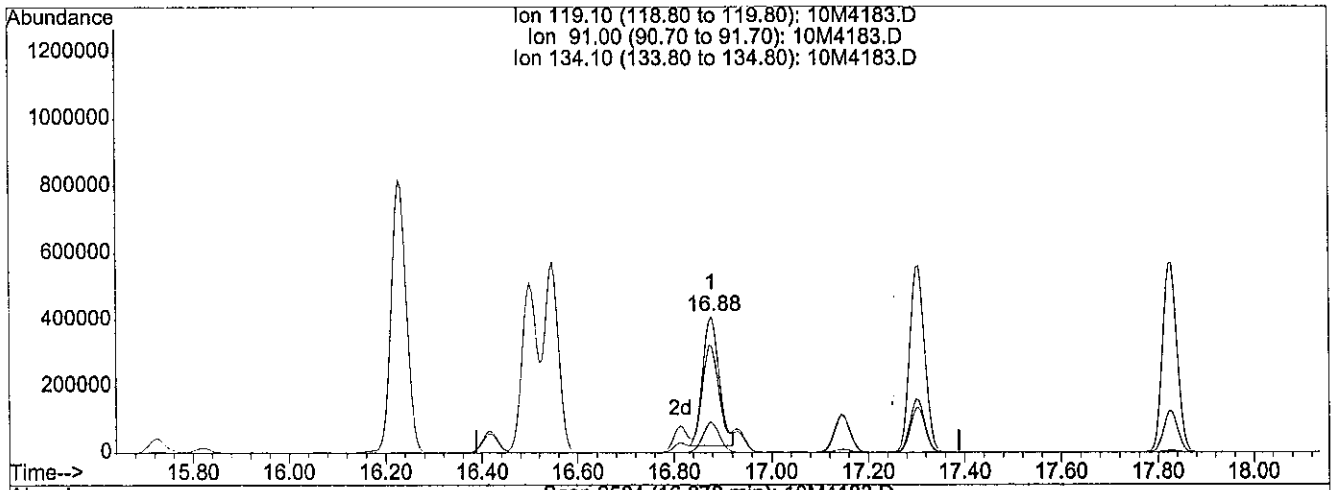
RLJ 6.16.00
6/19/00 ans

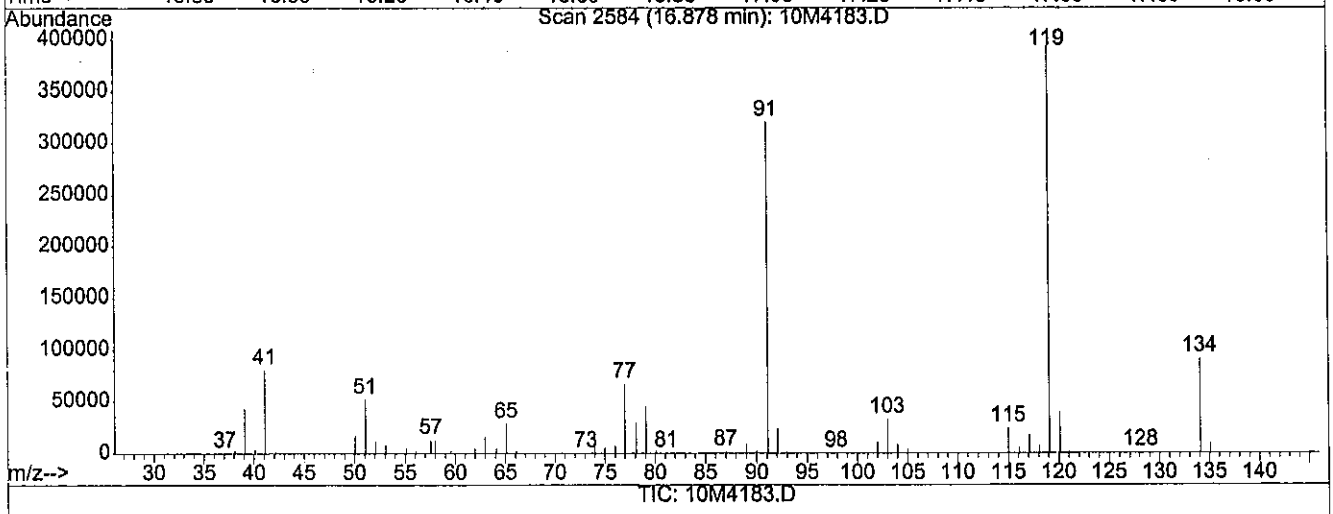
10M4183.D 8260WTR.M Fri Jun 16 21:21:46 2000

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D Vial: 9
Acq On : 16 Jun 2000 16:51 Operator: MES
Sample : WG79035 20 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:21 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4183.D

(75) tert-Butylbenzene (T)

16.88min 20.02ug/L

response 917890

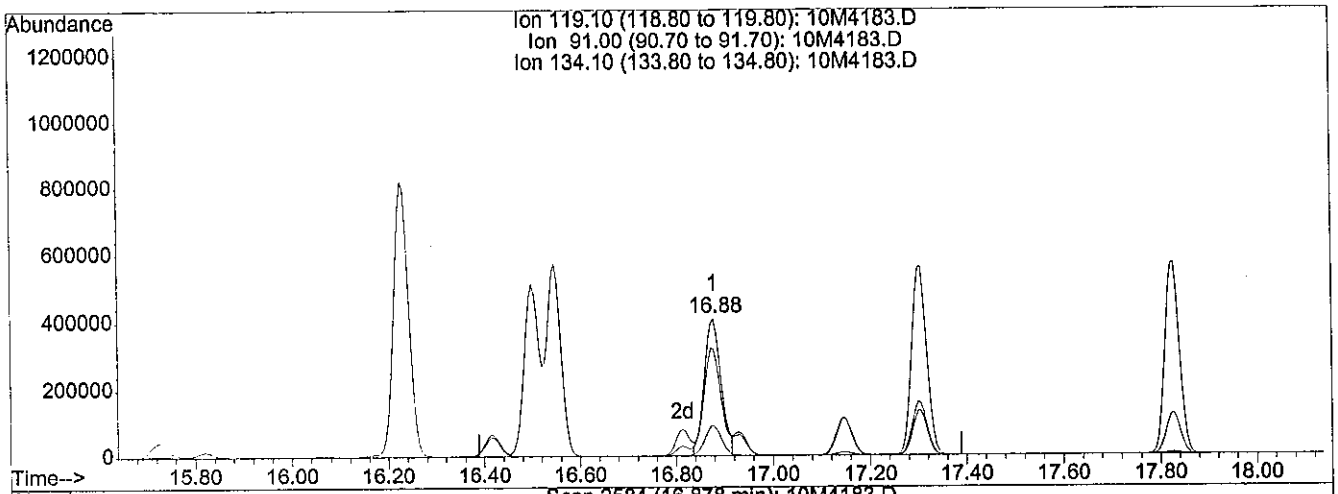
Ion	Exp%	Act%
119.10	100	100
91.00	48.20	70.18#
134.10	23.60	24.24
0.00	0.00	0.00

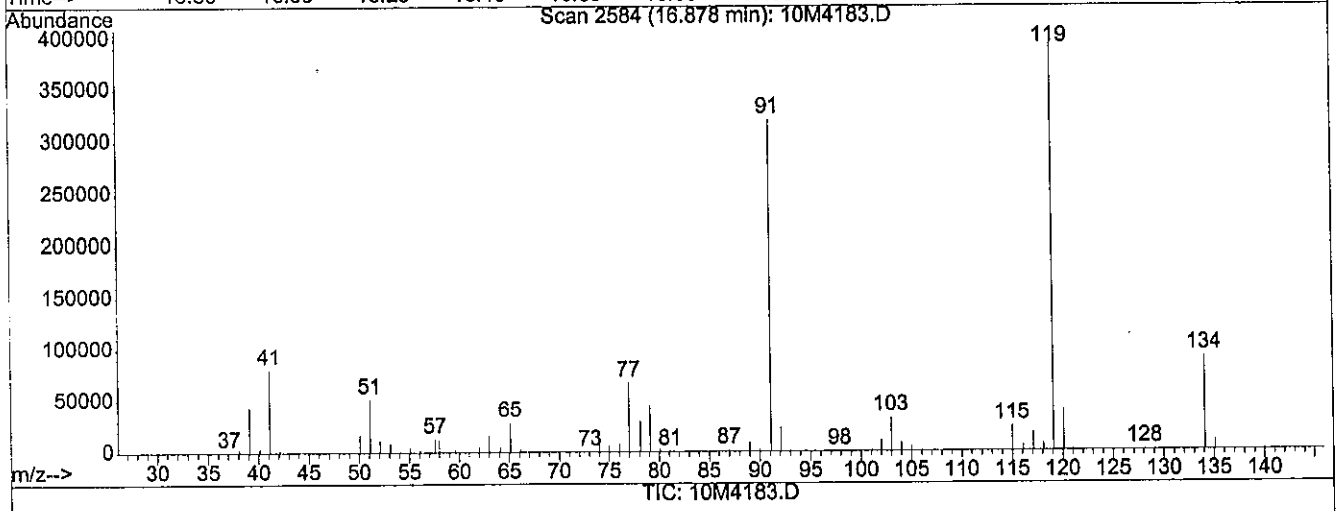
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4183.D
Acq On : 16 Jun 2000 16:51
Sample : WG79035 20 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:22 2000

Vial: 9
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4183.D

(75) tert-Butylbenzene (T)

16.88min 21.93ug/L m

response 1005228

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	64.09#
134.10	23.60	22.13
0.00	0.00	0.00

6/16/00
6/19/00 ams

10M4183.D 8260WTR.M Fri Jun 16 21:22:28 2000

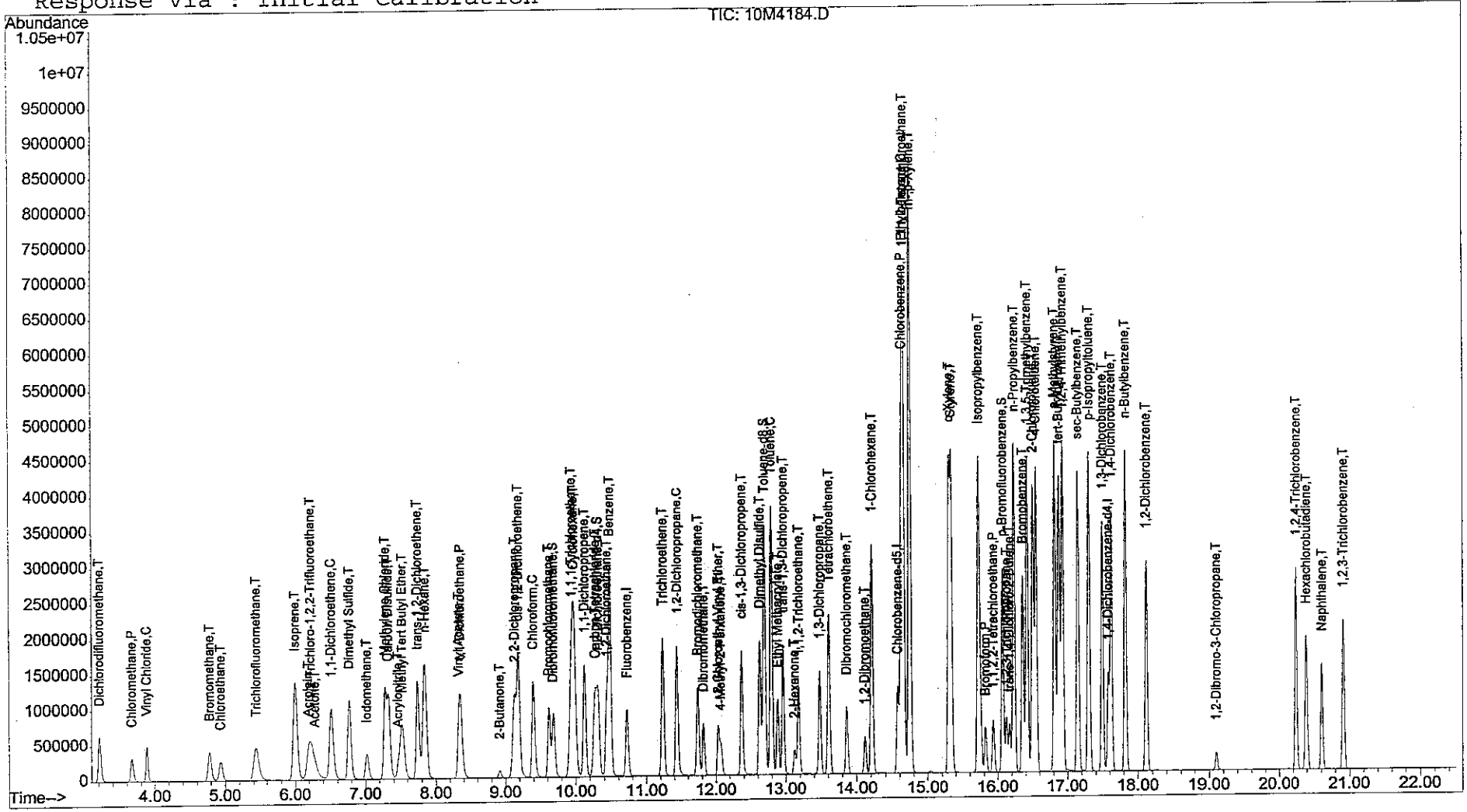
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D
Acq On : 16 Jun 2000 17:39
Sample : WG79035 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:37 2000

Vial: 10
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D Vial: 10
Acq On : 16 Jun 2000 17:39 Operator: MES
Sample : WG79035 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:37 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.72	96	1041244	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.58	117	754976	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	415460	25.00	ug/L		-0.01
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	782841	58.41	ug/L		-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 233.64%#				
33) 1,2-Dichloroethane-d4	10.31	65	1002184	55.91	ug/L		-0.01
Spiked Amount 25.000	Range 80 - 120		Recovery = 223.64%#				
45) Toluene-d8	12.69	98	2981789	54.78	ug/L		-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 219.12%#				
66) p-Bromofluorobenzene	16.07	95	1207782	57.11	ug/L		-0.01
Spiked Amount 25.000	Range 86 - 115		Recovery = 228.44%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	967369	37.37	ug/L		95
3) Chloromethane	3.67	50	561502	29.22	ug/L		96
4) Vinyl Chloride	3.88	62	610778	38.24	ug/L		96
5) Bromomethane	4.78	94	514402	47.47	ug/L		99
6) Chloroethane	4.93	64	473835	41.26	ug/L		98
7) Trichlorofluoromethane	5.43	101	1162677	47.70	ug/L		97
8) Isoprene	5.99	67	1159655	55.49	ug/L		92
9) Acrolein	6.18	56	127142	136.04	ug/L		96
10) 1,1,2-Trichloro-1,2,2-Trif	6.22	101	795276	53.17	ug/L		97
11) Acetone	6.29	43	132577	48.37	ug/L		92
12) 1,1-Dichloroethene	6.51	96	642656	56.93	ug/L	#	65
13) Dimethyl Sulfide	6.77	62	880936	53.48	ug/L		95
14) Iodomethane	7.01	142	663857	53.63	ug/L	#	78
15) Methylene Chloride	7.28	84	693973	51.05	ug/L		97
16) Carbon Disulfide	7.32	76	2473973	57.22	ug/L		99
17) Acrylonitrile	7.46	53	182065	50.78	ug/L		90
18) Methyl Tert Butyl Ether	7.52	73	1589256	52.91	ug/L		93
19) trans-1,2-Dichloroethene	7.74	96	730935	51.69	ug/L	#	67
20) n-Hexane	7.84	57	1458336	52.44	ug/L		94
21) Vinyl Acetate	8.32	43	1158934	48.26	ug/L		96
22) 1,1-Dichloroethane	8.35	63	1789264	54.59	ug/L		99
23) 2-Butanone	8.91	43	200439	46.16	ug/L		98
24) 2,2-Dichloropropane	9.13	77	1543270	58.33	ug/L		92
25) cis-1,2-Dichloroethene	9.19	96	816584	51.70	ug/L	#	67
26) Chloroform	9.39	83	1579478	52.97	ug/L		98
27) Bromochloromethane	9.62	128	267750	55.54	ug/L		83
29) 1,1,1-Trichloroethane	9.93	97	1591397	53.26	ug/L	#	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D
Acq On : 16 Jun 2000 17:39
Sample : WG79035 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:37 2000

Vial: 10
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30) Cyclohexane	9.97	56	1839535	52.86 ug/L		93
31) 1,1-Dichloropropene	10.13	75	1062789	55.29 ug/L	#	88
32) Carbon Tetrachloride	10.27	117	1306650	50.65 ug/L		100
34) 1,2-Dichloroethane	10.43	62	1257644	51.07 ug/L	#	98
35) Benzene	10.48	78	3309155	49.86 ug/L		98
36) Trichloroethene	11.22	130	728125	57.71 ug/L	#	88
37) 1,2-Dichloropropane	11.44	63	879939	56.42 ug/L	#	82
38) Bromodichloromethane	11.74	83	1082645	51.57 ug/L		99
39) Dibromomethane	11.82	93	349643	53.65 ug/L		97
40) 2-Chloroethyl Vinyl Ether	12.03	63	339824	51.50 ug/L		97
41) 4-Methyl-2-Pentanone	12.07	58	165132	47.60 ug/L	#	94
42) cis-1,3-Dichloropropene	12.37	75	1159676	51.60 ug/L	#	90
43) Dimethyl Disulfide	12.63	79	691796	53.57 ug/L	#	70
46) Toluene	12.79	91	3571772	49.44 ug/L		99
47) Ethyl Methacrylate	12.88	69	680689	51.33 ug/L		100
48) trans-1,3-Dichloropropene	12.96	75	1153252	51.81 ug/L	#	88
49) 1,1,2-Trichloroethane	13.18	97	462382	49.09 ug/L		97
50) 2-Hexanone	13.12	43	318084	48.15 ug/L	#	98
51) 1,3-Dichloropropane	13.48	76	938783	53.39 ug/L		96
52) Tetrachloroethene	13.61	164	664223	52.36 ug/L		95
53) Dibromochloromethane	13.86	129	606274	50.22 ug/L		100
54) 1,2-Dibromoethane	14.12	107	440644	47.77 ug/L		97
55) 1-Chlorohexane	14.21	91	1194020	52.71 ug/L		88
56) Chlorobenzene	14.62	112	2200331	51.95 ug/L		99
57) 1,1,1,2-Tetrachloroethane	14.66	131	756094	51.52 ug/L		98
58) Ethylbenzene	14.65	106	1279470	54.17 ug/L		83
59) m-,p-Xylene	14.74	106	3211243	107.34 ug/L		79
60) o-Xylene	15.30	106	1483187	50.30 ug/L		80
61) Styrene	15.33	104	2467985	48.14 ug/L	#	79
62) Bromoform	15.82	173	376220	47.68 ug/L		99
63) Isopropylbenzene	15.72	105	4066489	52.34 ug/L		93
65) 1,1,2,2-Tetrachloroethane	15.94	83	465018	47.90 ug/L		98
67) 1,2,3-Trichloropropane	16.12	110	151003	46.39 ug/L		80
68) trans-1,4-Dichloro-2-Buten	16.17	53	215959	44.34 ug/L	#	8
69) n-Propylbenzene	16.23	91	5113380	49.31 ug/L		91
70) Bromobenzene	16.35	156	854425	55.79 ug/L		85
71) 1,3,5-Trimethylbenzene	16.42	105	3405881	50.51 ug/L		89
72) 2-Chlorotoluene	16.50	91	3280192	55.09 ug/L	#	81
73) 4-Chlorotoluene	16.55	91	3142624	50.11 ug/L	#	88
74) a-Methylstyrene	16.81	118	1756832	52.40 ug/L		93
75) tert-Butylbenzene	16.88	119	2875911m	60.64 ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D
Acq On : 16 Jun 2000 17:39
Sample : WG79035 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:37 2000

Vial: 10
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	3507021	52.04	ug/L		90
77)	sec-Butylbenzene	17.14	105	4117612	49.34	ug/L		93
78)	p-Isopropyltoluene	17.30	119	3514622	51.76	ug/L		93
79)	1,3-Dichlorobenzene	17.50	146	1687020	52.44	ug/L		93
80)	1,4-Dichlorobenzene	17.62	146	1686776	49.98	ug/L		93
81)	n-Butylbenzene	17.83	91	3462707	52.38	ug/L	#	91
82)	1,2-Dichlorobenzene	18.11	146	1410820	51.02	ug/L		93
83)	1,2-Dibromo-3-Chloropropan	19.10	157	75605	41.73	ug/L	#	69
84)	1,2,4-Trichlorobenzene	20.24	180	1069902	55.63	ug/L		95
85)	Hexachlorobutadiene	20.39	225	561164	53.61	ug/L		95
86)	Naphthalene	20.61	128	1320653	46.83	ug/L		99
87)	1,2,3-Trichlorobenzene	20.92	180	809986	50.19	ug/L		95

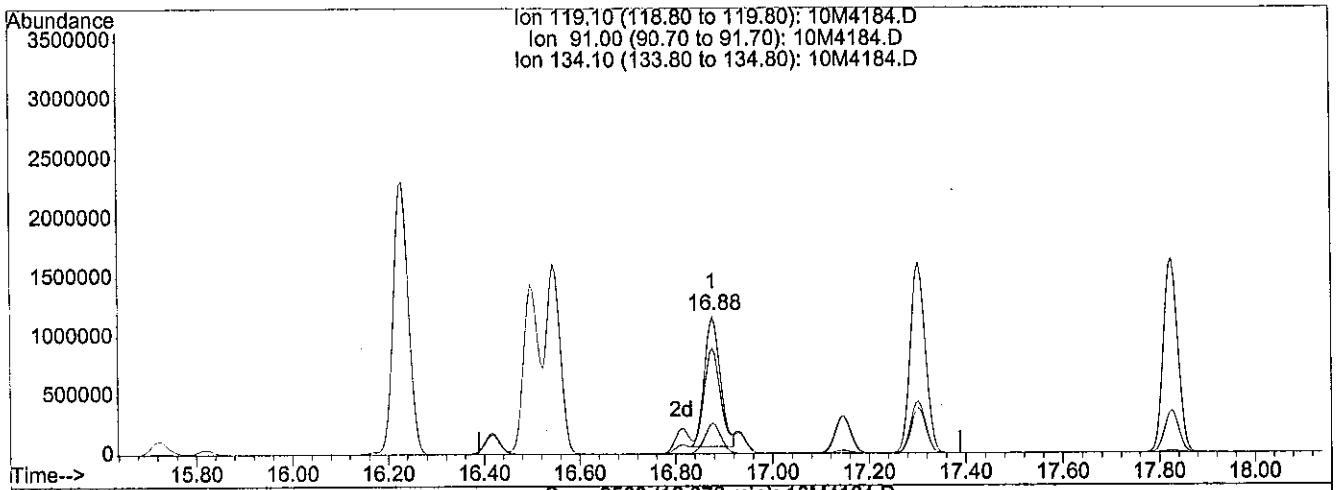
(#) = qualifier out of range (m) = manual integration

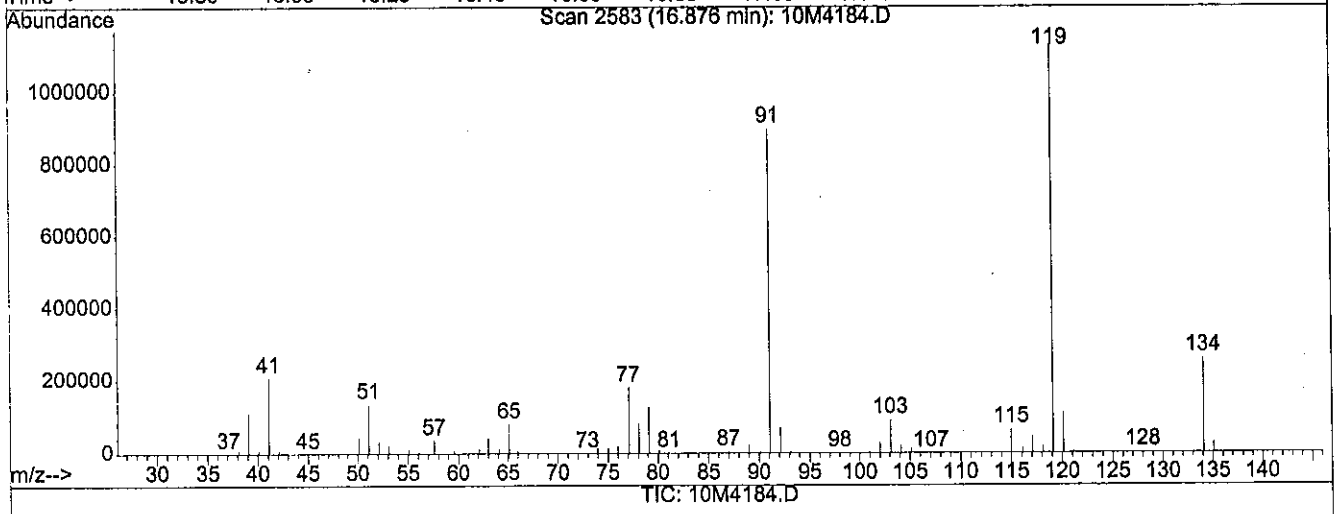
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D
Acq On : 16 Jun 2000 17:39
Sample : WG79035 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:05 2000

Vial: 10
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4184.D

(75) tert-Butylbenzene (T)

16.88min 53.91ug/L

response 2556975

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	68.30#
134.10	23.60	24.40
0.00	0.00	0.00

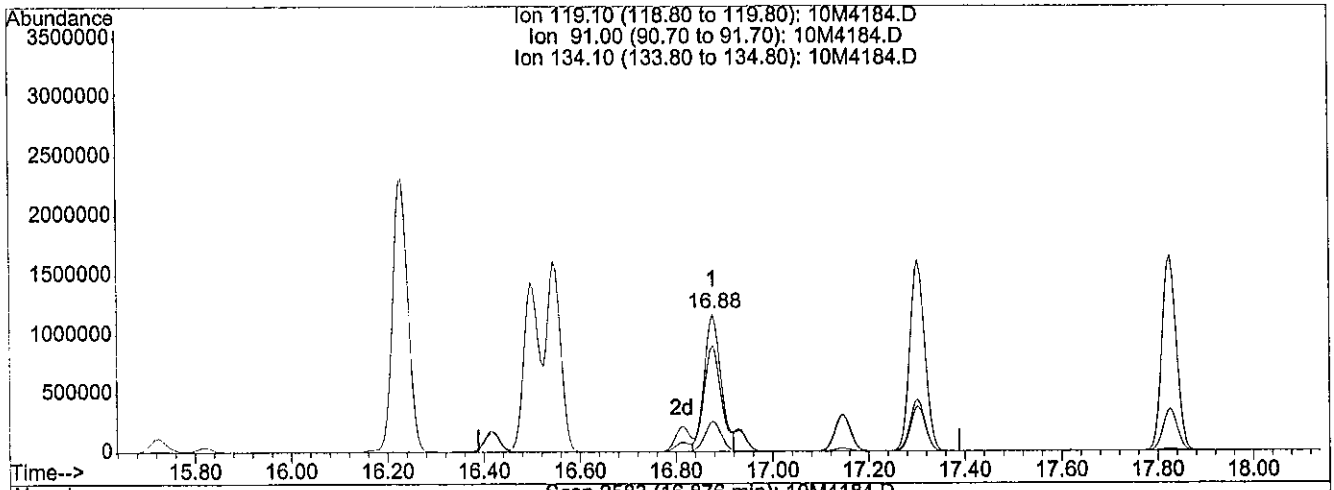
10M4184.D 8260WTR.M Fri Jun 16 21:37:21 2000

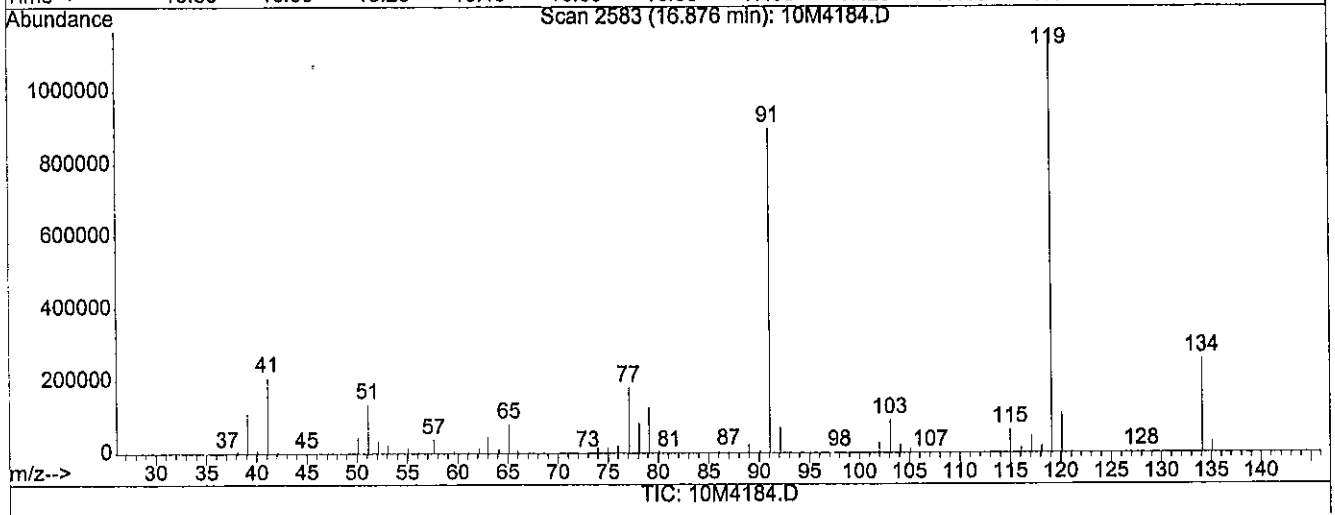
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4184.D
Acq On : 16 Jun 2000 17:39
Sample : WG79035 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:37 2000

Vial: 10
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4184.D

(75) tert-Butylbenzene (T)

16.88min 60.64ug/L m

response 2875911

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	60.73#
134.10	23.60	21.69
0.00	0.00	0.00

RH 6-16-00
6/19/00 ans

70

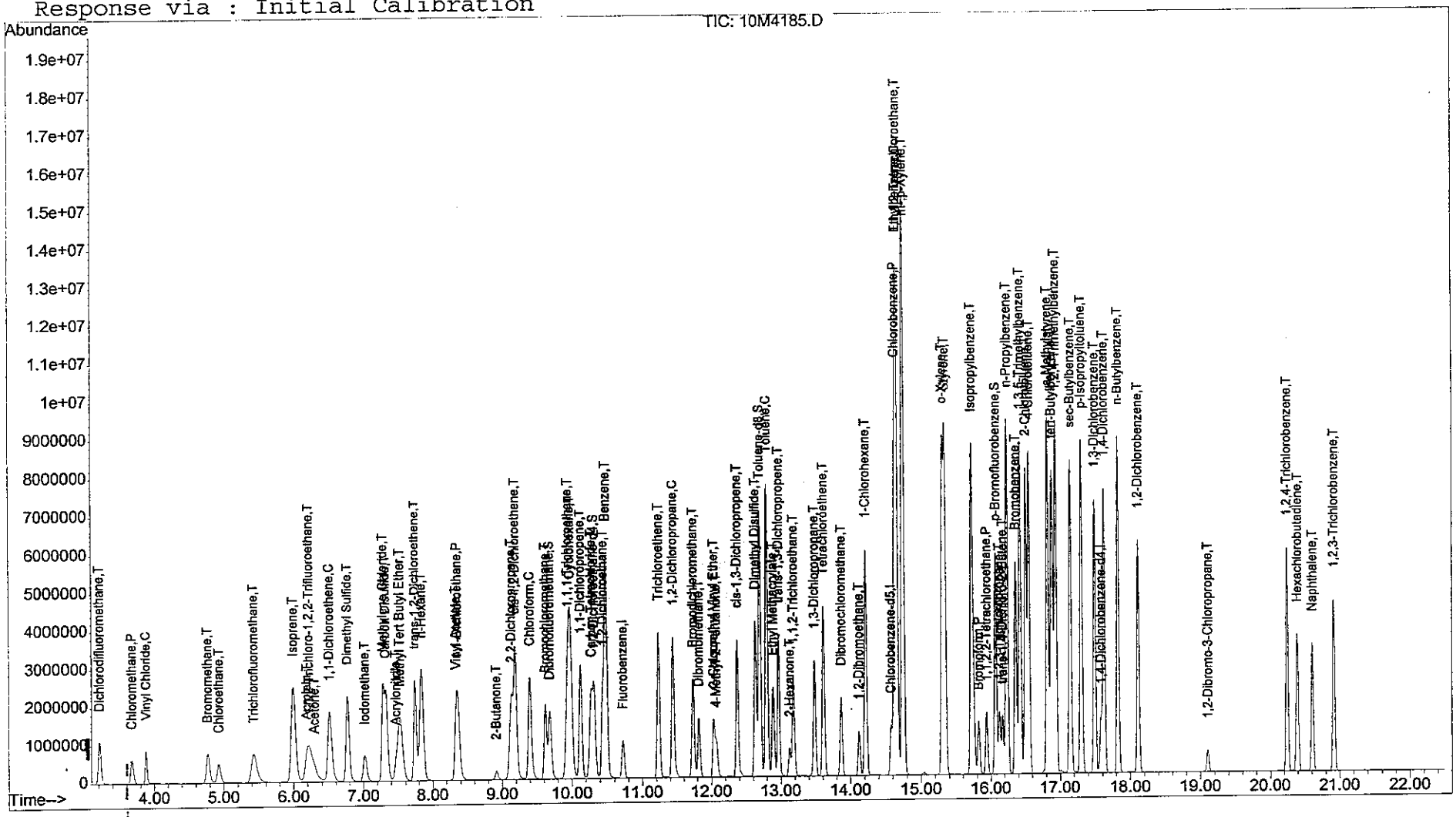
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:40 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



8260

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:40 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	1123778	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	812385	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	447528	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	1613455	111.54	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 446.16%#			
33) 1,2-Dichloroethane-d4	10.32	65	2053160	106.13	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 424.52%#			
45) Toluene-d8	12.69	98	6192323	105.73	ug/L	-0.01
Spiked Amount 25.000	Range 88 - 110		Recovery = 422.92%#			
66) p-Bromofluorobenzene	16.07	95	2544269	111.68	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 446.72%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	1667409	59.69	ug/L	94
3) Chloromethane	3.67	50	1034403	49.87	ug/L	96
4) Vinyl Chloride	3.88	62	1039964	60.32	ug/L	96
5) Bromomethane	4.77	94	1002603	85.72	ug/L	99
6) Chloroethane	4.93	64	877378	70.78	ug/L	99
7) Trichlorofluoromethane	5.43	101	2002321	76.11	ug/L	98
8) Isoprene	5.99	67	2238811	99.27	ug/L	95
9) Acrolein	6.18	56	279354	276.95	ug/L	93
10) 1,1,2-Trichloro-1,2,2-Trif	6.22	101	1448074	89.70	ug/L	96
11) Acetone	6.30	43	272221	92.03	ug/L	93
12) 1,1-Dichloroethene	6.51	96	1259266	103.36	ug/L #	69
13) Dimethyl Sulfide	6.77	62	1883441	105.94	ug/L	99
14) Iodomethane	7.01	142	1338406	100.18	ug/L #	82
15) Methylene Chloride	7.28	84	1455564	99.22	ug/L	95
16) Carbon Disulfide	7.32	76	4957205	106.23	ug/L	99
17) Acrylonitrile	7.46	53	395934	102.31	ug/L	90
18) Methyl Tert Butyl Ether	7.53	73	3633249	112.08	ug/L	92
19) trans-1,2-Dichloroethene	7.74	96	1481574	97.08	ug/L #	71
20) n-Hexane	7.84	57	2730745	90.99	ug/L	95
21) Vinyl Acetate	8.33	43	2498405	96.40	ug/L	97
22) 1,1-Dichloroethane	8.35	63	3592544	101.56	ug/L	99
23) 2-Butanone	8.91	43	454539	96.99	ug/L	99
24) 2,2-Dichloropropane	9.13	77	3090928	108.24	ug/L	92
25) cis-1,2-Dichloroethene	9.19	96	1696170	99.51	ug/L #	73
26) Chloroform	9.40	83	3235865	100.54	ug/L	99
27) Bromochloromethane	9.62	128	572556	110.04	ug/L	88
29) 1,1,1-Trichloroethane	9.93	97	3104988	96.28	ug/L #	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4185.D Vial: 11
Acq On : 16 Jun 2000 18:11 Operator: MES
Sample : WG79035 100 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 16 21:40 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30)	Cyclohexane	9.98	56	3427465	91.26 ug/L		95
31)	1,1-Dichloropropene	10.12	75	2086485	100.58 ug/L		89
32)	Carbon Tetrachloride	10.27	117	2488400	89.37 ug/L		100
34)	1,2-Dichloroethane	10.43	62	2604049	97.98 ug/L	#	97
35)	Benzene	10.48	78	6960862	97.19 ug/L		97
36)	Trichloroethene	11.23	130	1499256	110.11 ug/L	#	88
37)	1,2-Dichloropropane	11.44	63	1845176	109.62 ug/L	#	84
38)	Bromodichloromethane	11.74	83	2294297	101.26 ug/L		99
39)	Dibromomethane	11.82	93	748666	106.45 ug/L		98
40)	2-Chloroethyl Vinyl Ether	12.03	63	768409	107.90 ug/L		97
41)	4-Methyl-2-Pentanone	12.07	58	366817	97.96 ug/L	#	94
42)	cis-1,3-Dichloropropene	12.37	75	2501950	103.15 ug/L		91
43)	Dimethyl Disulfide	12.63	79	1574459	112.96 ug/L	#	71
46)	Toluene	12.79	91	7479618	96.21 ug/L		99
47)	Ethyl Methacrylate	12.88	69	1549485	108.59 ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	2489682	103.95 ug/L	#	88
49)	1,1,2-Trichloroethane	13.18	97	1009592	99.61 ug/L		97
50)	2-Hexanone	13.12	43	704161	99.06 ug/L		99
51)	1,3-Dichloropropane	13.48	76	2043776	108.02 ug/L		98
52)	Tetrachloroethene	13.61	164	1341827	98.30 ug/L		93
53)	Dibromochloromethane	13.87	129	1336614	102.89 ug/L		100
54)	1,2-Dibromoethane	14.12	107	989054	99.65 ug/L		97
55)	1-Chlorohexane	14.21	91	2380179	97.64 ug/L		94
56)	Chlorobenzene	14.62	112	4566838	100.20 ug/L		99
57)	1,1,1,2-Tetrachloroethane	14.66	131	1497897	94.85 ug/L		98
58)	Ethylbenzene	14.66	106	2604980	102.50 ug/L		84
59)	m-,p-Xylene	14.75	106	6462170	200.74 ug/L		80
60)	o-Xylene	15.30	106	3117551	98.25 ug/L		81
61)	Styrene	15.34	104	5319939	96.43 ug/L	#	85
62)	Bromoform	15.82	173	844009	99.40 ug/L		99
63)	Isopropylbenzene	15.72	105	8344662	99.81 ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.94	83	1034591	98.92 ug/L		98
67)	1,2,3-Trichloropropane	16.12	110	327774	93.47 ug/L		80
68)	trans-1,4-Dichloro-2-Buten	16.17	53	488836	93.17 ug/L	#	12
69)	n-Propylbenzene	16.23	91	10475828	93.77 ug/L		91
70)	Bromobenzene	16.36	156	1812921	109.90 ug/L		83
71)	1,3,5-Trimethylbenzene	16.42	105	6973850	96.00 ug/L		90
72)	2-Chlorotoluene	16.50	91	6429109	100.25 ug/L	#	82
73)	4-Chlorotoluene	16.55	91	6715836m	99.42 ug/L		
74)	a-Methylstyrene	16.82	118	3769586	104.37 ug/L		94
75)	tert-Butylbenzene	16.88	119	5750280m	112.56 ug/L		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:40 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	7260892	100.03	ug/L		90
77)	sec-Butylbenzene	17.15	105	8357540	92.97	ug/L		92
78)	p-Isopropyltoluene	17.30	119	7162403	97.92	ug/L		93
79)	1,3-Dichlorobenzene	17.49	146	3595849	103.76	ug/L		95
80)	1,4-Dichlorobenzene	17.62	146	3588711	98.72	ug/L		95
81)	n-Butylbenzene	17.83	91	6991563	98.19	ug/L	#	91
82)	1,2-Dichlorobenzene	18.11	146	3038542	102.01	ug/L		94
83)	1,2-Dibromo-3-Chloropropan	19.10	157	181247	92.87	ug/L	#	73
84)	1,2,4-Trichlorobenzene	20.24	180	2381237	114.93	ug/L		93
85)	Hexachlorobutadiene	20.39	225	1111973	98.61	ug/L		94
86)	Naphthalene	20.61	128	3020772	99.43	ug/L		99
87)	1,2,3-Trichlorobenzene	20.92	180	1805836	103.88	ug/L		94

(#) = qualifier out of range (m) = manual integration

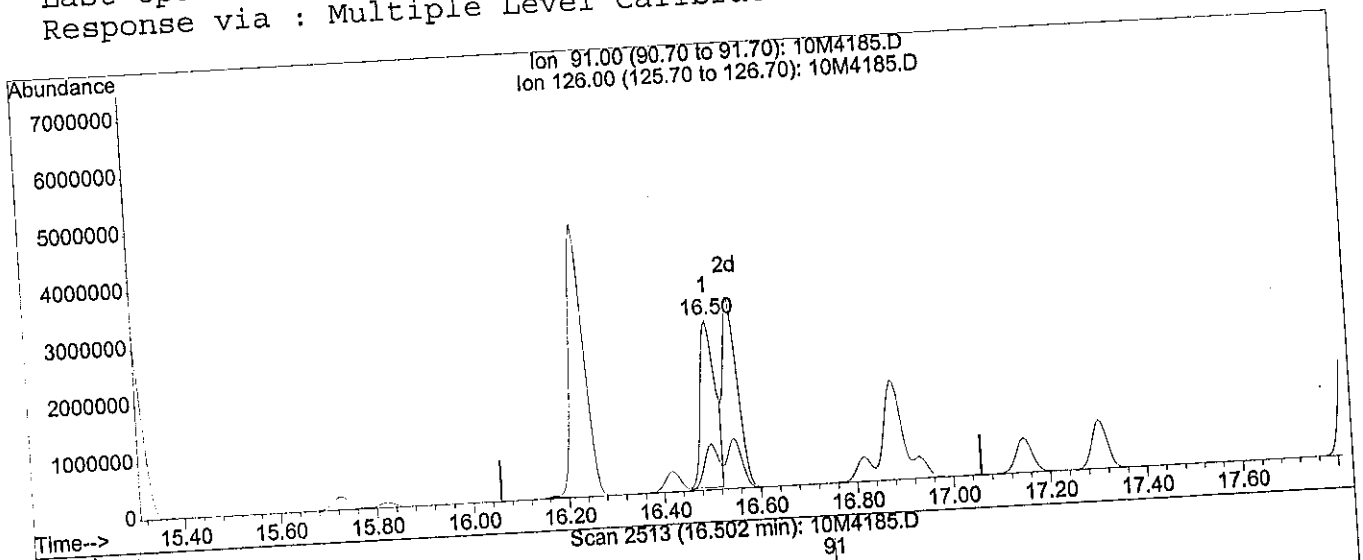
Quantitation Report (Qedit)

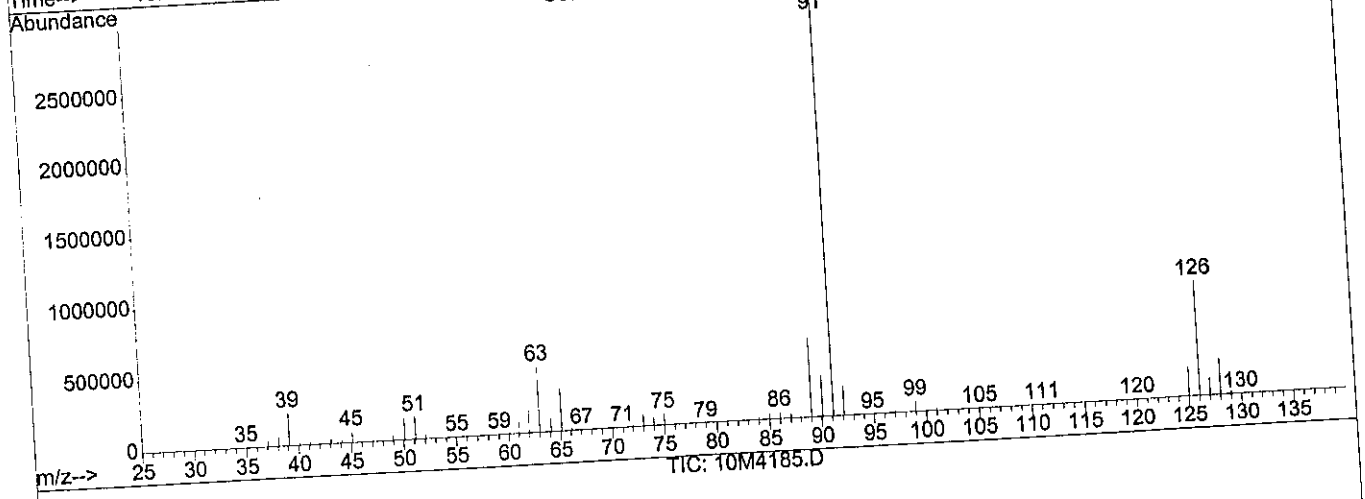
Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:06 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(73) 4-Chlorotoluene (T)

16.50min 95.18ug/L

response 6429109

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	27.34
0.00	0.00	0.00
0.00	0.00	0.00

712

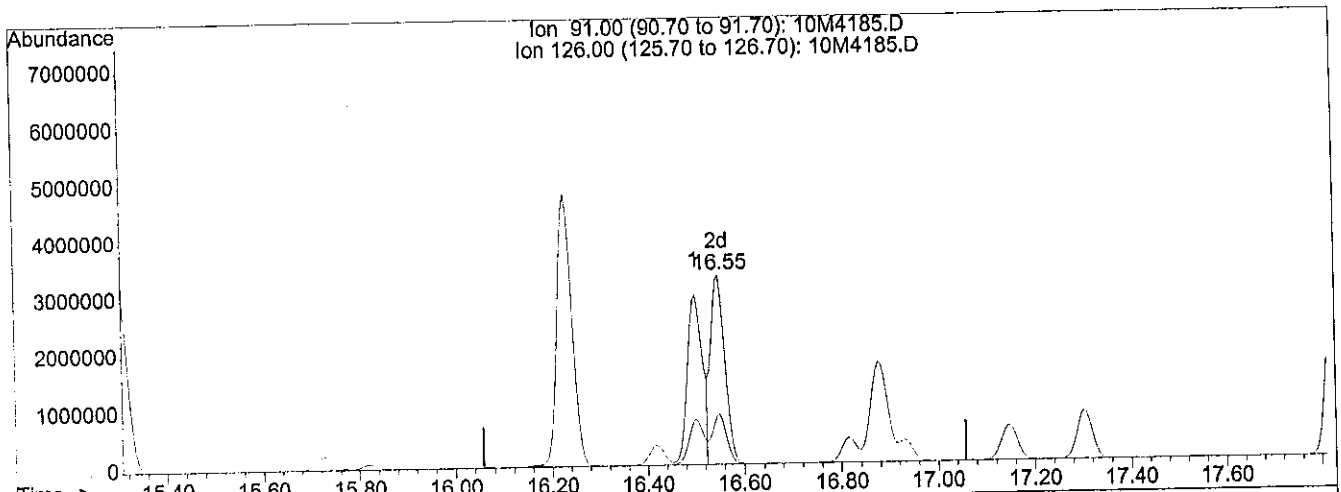
Quantitation Report (Qedit)

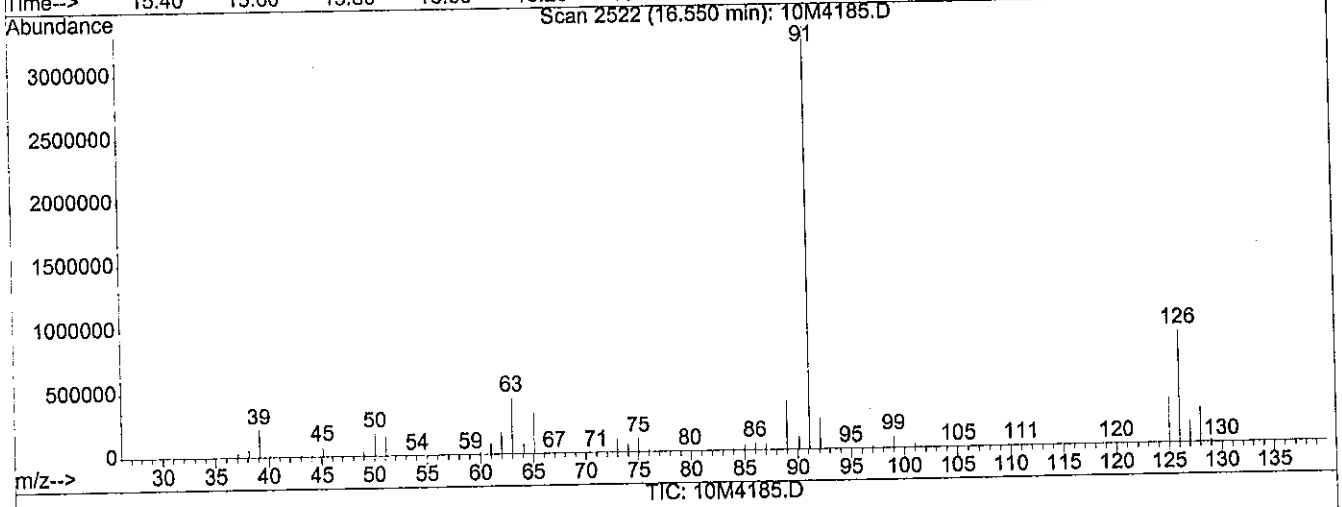
Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:39 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(73) 4-Chlorotoluene (T)

16.55min 99.42ug/L m

response 6715836

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	26.18#
0.00	0.00	0.00
0.00	0.00	0.00

RM 6-16-00
6/19/00 ams

713

10M4185.D 8260WTR.M Fri Jun 16 21:39:52 2000

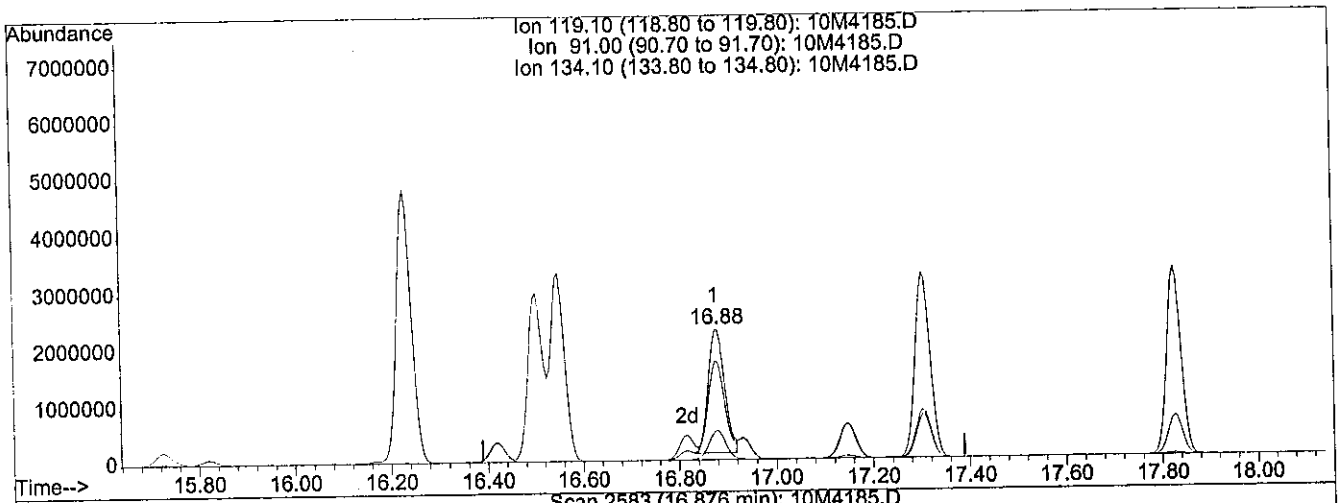
Quantitation Report (Qedit)

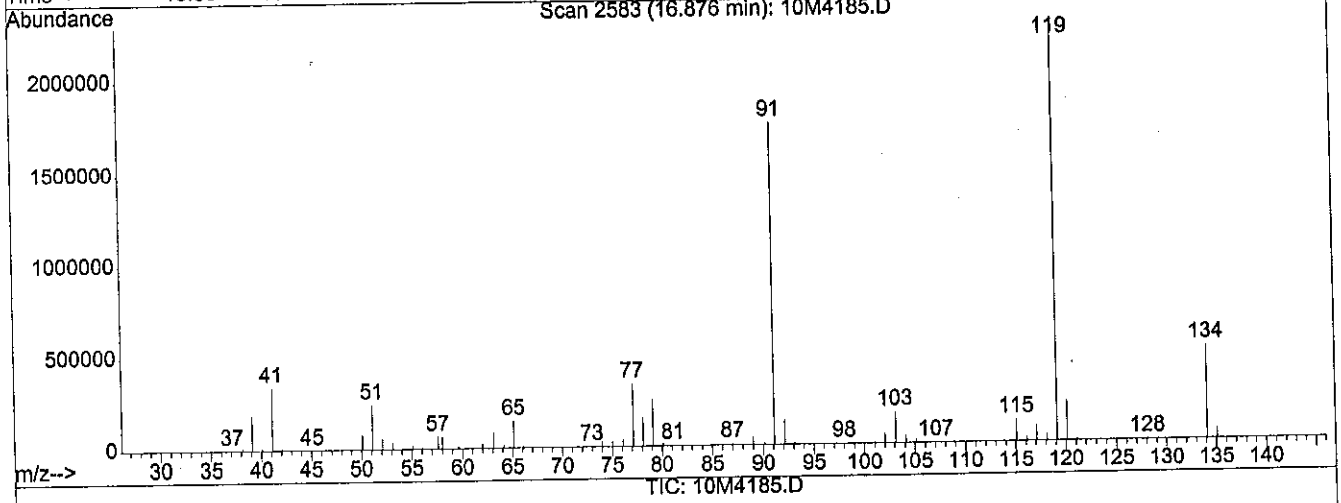
Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:39 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





(75) tert-Butylbenzene (T)

16.88min 101.13ug/L

response 5166546

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	66.64#
134.10	23.60	24.41
0.00	0.00	0.00

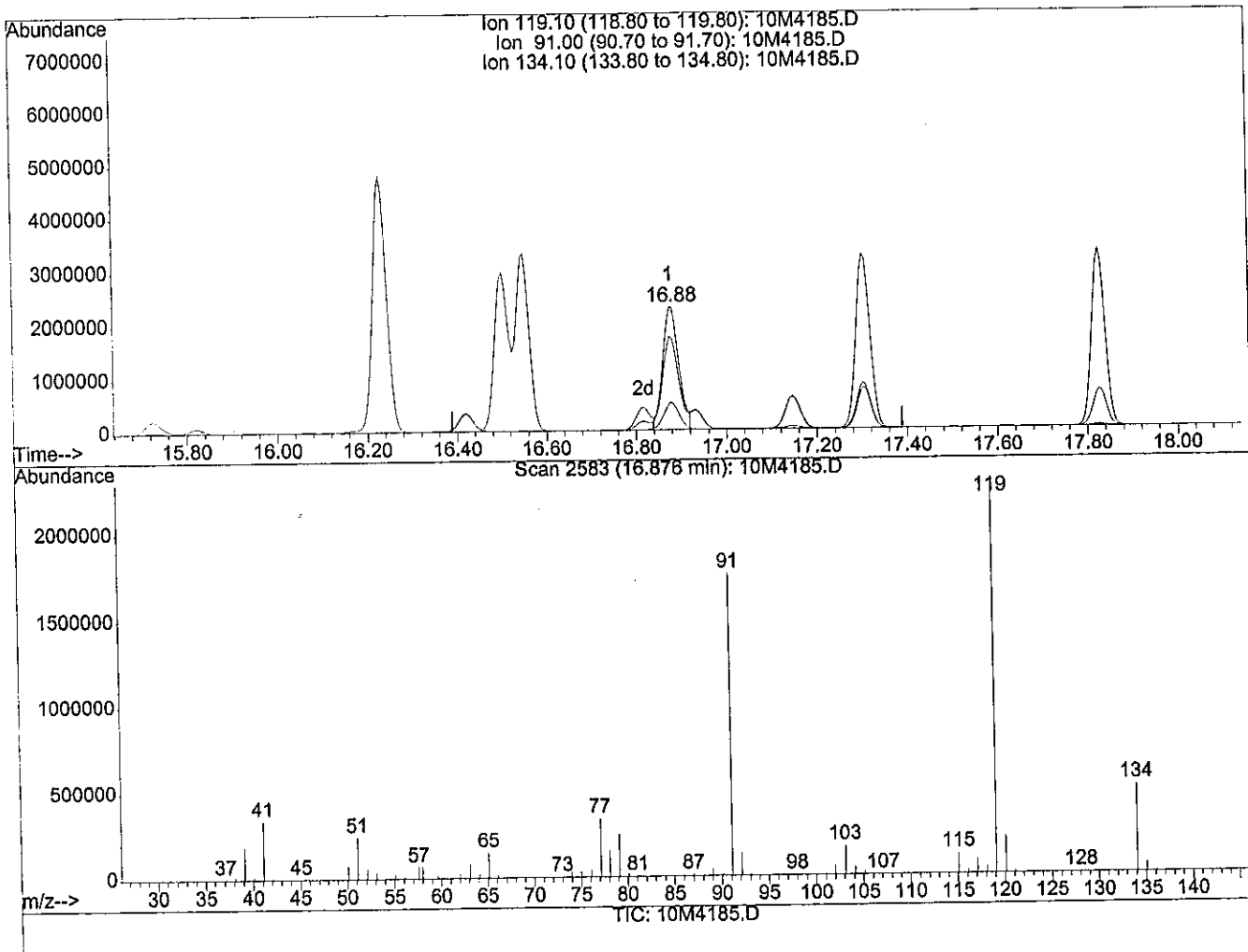
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4185.D
Acq On : 16 Jun 2000 18:11
Sample : WG79035 100 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:40 2000

Vial: 11
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration



TIC: 10M4185.D

(75) tert-Butylbenzene (T)

16.88min 112.56ug/L m

response 5750280

Ion	Exp%	Act%
119.10	100	100
91.00	48.20	59.87#
134.10	23.60	21.93
0.00	0.00	0.00

PJF 6/16/00
cells/100 cells

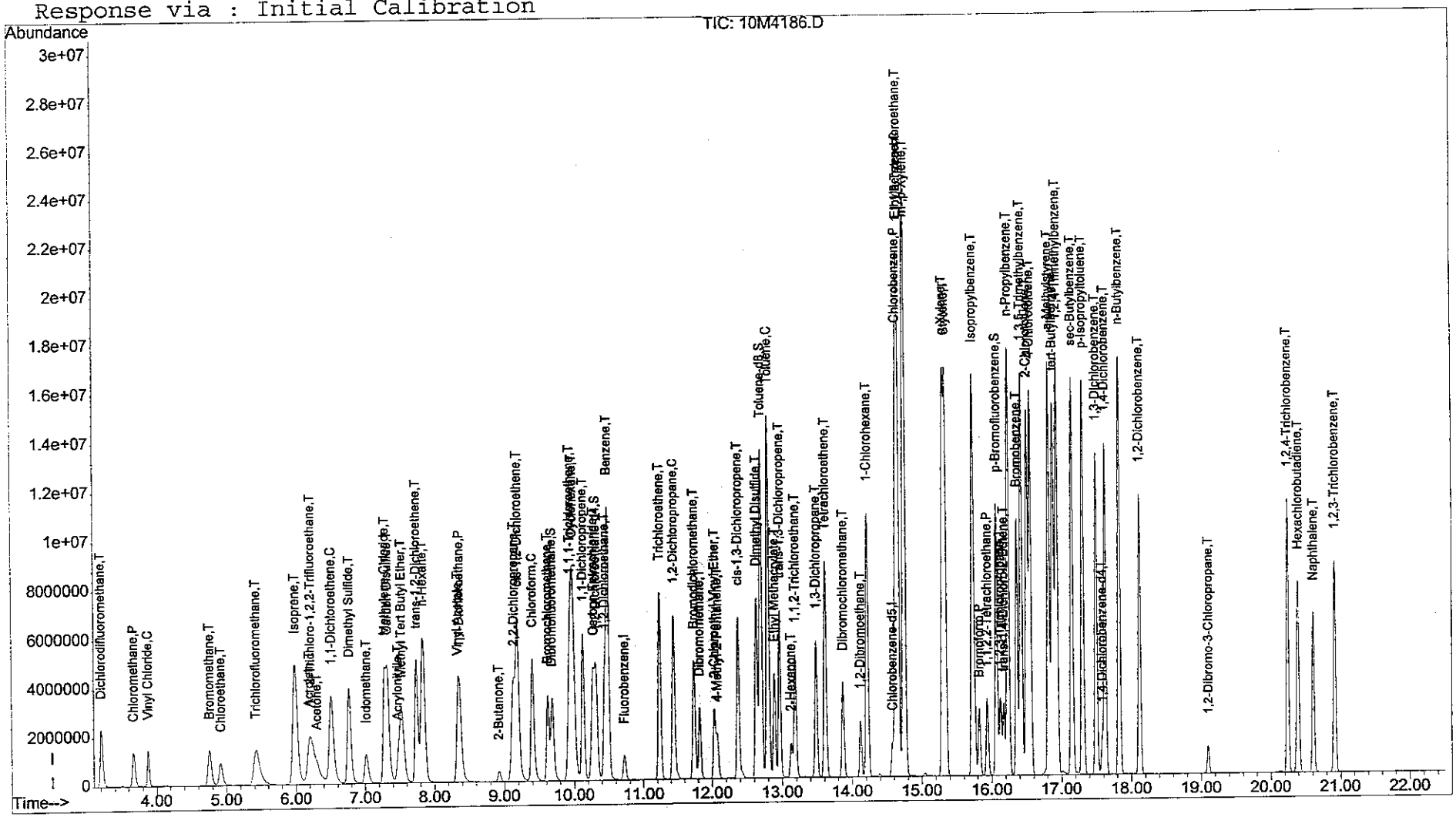
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:41 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:41 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	1166378	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	856658	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	467379	25.00	ug/L	-0.01
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	3206998	213.60	ug/L	-0.02
Spiked Amount 25.000	Range 86 - 118		Recovery = 854.40%#			
33) 1,2-Dichloroethane-d4	10.32	65	3841358	191.31	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 765.24%#			
45) Toluene-d8	12.70	98	12929376	209.36	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 837.44%#			
66) p-Bromofluorobenzene	16.07	95	5097536	214.25	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 857.00%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.20	85	3657697	126.15	ug/L	93
3) Chloromethane	3.67	50	2334756	108.46	ug/L	96
4) Vinyl Chloride	3.88	62	1794436	100.28	ug/L	97
5) Bromomethane	4.76	94	1942156	159.98	ug/L	99
6) Chloroethane	4.92	64	1697508	131.94	ug/L	98
7) Trichlorofluoromethane	5.42	101	4269179	156.35	ug/L	97
8) Isoprene	5.99	67	4862838	207.74	ug/L	100
9) Acrolein	6.19	56	580041	554.05	ug/L	93
10) 1,1,2-Trichloro-1,2,2-Trif	6.22	101	3270815	195.21	ug/L	97
11) Acetone	6.31	43	469946	153.07	ug/L	98
12) 1,1-Dichloroethene	6.51	96	2692186	212.91	ug/L	74
13) Dimethyl Sulfide	6.77	62	3590450	194.58	ug/L	95
14) Iodomethane	7.01	142	2506144	180.73	ug/L #	85
15) Methylene Chloride	7.28	84	2857161	187.64	ug/L	83
16) Carbon Disulfide	7.32	76	10305461	212.77	ug/L	99
17) Acrylonitrile	7.47	53	750086	186.75	ug/L	90
18) Methyl Tert Butyl Ether	7.53	73	6940973	206.30	ug/L	92
19) trans-1,2-Dichloroethene	7.74	96	3067026	193.63	ug/L	78
20) n-Hexane	7.84	57	5953084	191.12	ug/L	96
21) Vinyl Acetate	8.33	43	4479683	166.54	ug/L	99
22) 1,1-Dichloroethane	8.36	63	7078227	192.78	ug/L	99
23) 2-Butanone	8.92	43	869974	178.86	ug/L	100
24) 2,2-Dichloropropane	9.13	77	6315255	213.08	ug/L	93
25) cis-1,2-Dichloroethene	9.19	96	3415998	193.08	ug/L	81
26) Chloroform	9.40	83	6400894	191.62	ug/L	99
27) Bromochloromethane	9.62	128	1113382	206.17	ug/L	97
29) 1,1,1-Trichloroethane	9.93	97	6324092	188.93	ug/L #	93

(#) = qualifier out of range (m) = manual integration

717

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:41 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) Cyclohexane	9.98	56	7016522	179.99 ug/L	97
31) 1,1-Dichloropropene	10.12	75	4357779	202.39 ug/L	90
32) Carbon Tetrachloride	10.27	117	5147392	178.12 ug/L	99
34) 1,2-Dichloroethane	10.43	62	4794080	173.79 ug/L #	94
35) Benzene	10.48	78	14270530	191.97 ug/L	95
36) Trichloroethene	11.23	130	3131423	221.57 ug/L #	89
37) 1,2-Dichloropropane	11.44	63	3564407	204.02 ug/L #	85
38) Bromodichloromethane	11.74	83	4520997	192.24 ug/L	98
39) Dibromomethane	11.82	93	1420012	194.53 ug/L	100
40) 2-Chloroethyl Vinyl Ether	12.03	63	1532779	207.37 ug/L	98
41) 4-Methyl-2-Pentanone	12.07	58	723553	186.17 ug/L	94
42) cis-1,3-Dichloropropene	12.37	75	4937417	196.13 ug/L	92
43) Dimethyl Disulfide	12.63	79	3071171	212.29 ug/L	75
46) Toluene	12.79	91	15677697	191.25 ug/L	98
47) Ethyl Methacrylate	12.89	69	3001295	199.46 ug/L	100
48) trans-1,3-Dichloropropene	12.96	75	4832962	191.36 ug/L #	89
49) 1,1,2-Trichloroethane	13.18	97	2014497	188.48 ug/L	98
50) 2-Hexanone	13.12	43	1334330	178.01 ug/L #	95
51) 1,3-Dichloropropane	13.48	76	4005584	200.77 ug/L	90
52) Tetrachloroethene	13.62	164	2874176	199.67 ug/L	91
53) Dibromochloromethane	13.87	129	2639839	192.70 ug/L	100
54) 1,2-Dibromoethane	14.12	107	1979437	189.14 ug/L	97
55) 1-Chlorohexane	14.21	91	5146701	200.23 ug/L	96
56) Chlorobenzene	14.62	112	8771789	182.51 ug/L	98
57) 1,1,1,2-Tetrachloroethane	14.66	131	2535566	152.26 ug/L	98
58) Ethylbenzene	14.66	106	4849649	180.95 ug/L	86
59) m-,p-Xylene	14.75	106	11887057	350.17 ug/L	92
60) o-Xylene	15.30	106	6279338	187.67 ug/L	82
61) Styrene	15.34	104	10677333	183.54 ug/L	90
62) Bromoform	15.82	173	1673974	186.96 ug/L	99
63) Isopropylbenzene	15.72	105	17368357	197.01 ug/L	92
65) 1,1,2,2-Tetrachloroethane	15.94	83	2065865	189.14 ug/L	97
67) 1,2,3-Trichloropropane	16.13	110	644715	176.05 ug/L	87
68) trans-1,4-Dichloro-2-Buten	16.17	53	923899	168.60 ug/L #	16
69) n-Propylbenzene	16.22	91	21011954	180.10 ug/L	92
70) Bromobenzene	16.36	156	3685699	213.94 ug/L	80
71) 1,3,5-Trimethylbenzene	16.42	105	14352554	189.19 ug/L	90
72) 2-Chlorotoluene	16.50	91	13665923	204.03 ug/L #	81
73) 4-Chlorotoluene	16.55	91	12831997m	181.89 ug/L	
74) a-Methylstyrene	16.82	118	7539018	199.88 ug/L	95
75) tert-Butylbenzene	16.88	119	13328261	249.81 ug/L	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:41 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76) 1,2,4-Trimethylbenzene	16.93	105	14640445	193.13	ug/L		90
77) sec-Butylbenzene	17.15	105	17854333	190.17	ug/L		92
78) p-Isopropyltoluene	17.31	119	14746110	193.03	ug/L		93
79) 1,3-Dichlorobenzene	17.50	146	7345266	202.96	ug/L		98
80) 1,4-Dichlorobenzene	17.62	146	7264138	191.33	ug/L		98
81) n-Butylbenzene	17.83	91	14732307	198.11	ug/L	#	91
82) 1,2-Dichlorobenzene	18.12	146	6198073	199.24	ug/L		97
83) 1,2-Dibromo-3-Chloropropan	19.10	157	376448	184.69	ug/L	#	79
84) 1,2,4-Trichlorobenzene	20.24	180	4836385	223.52	ug/L		93
85) Hexachlorobutadiene	20.39	225	2535950	215.35	ug/L		94
86) Naphthalene	20.61	128	6173128	194.56	ug/L		99
87) 1,2,3-Trichlorobenzene	20.92	180	3661246	201.67	ug/L		93

(#) = qualifier out of range (m) = manual integration

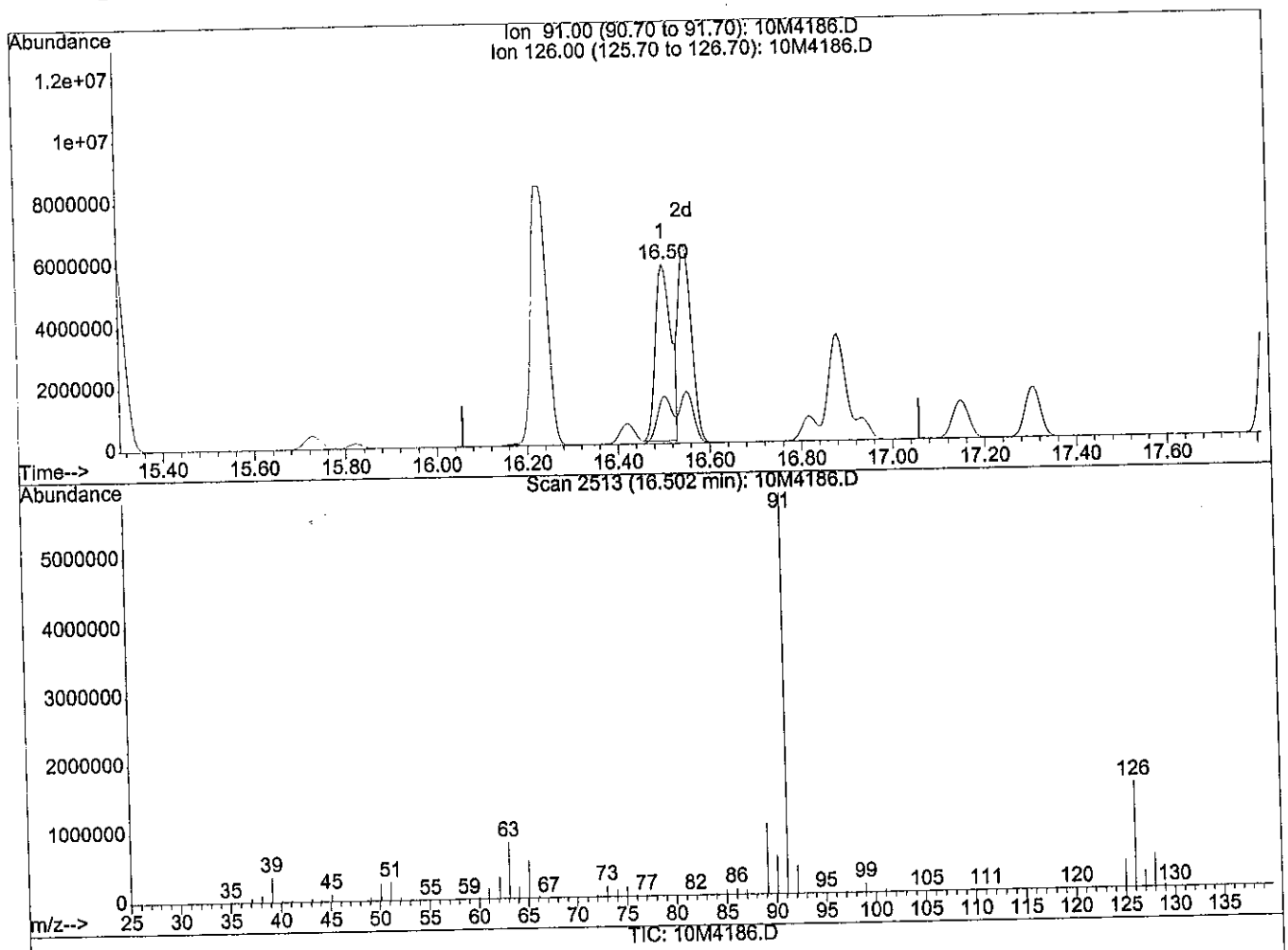
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:07 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration



(73) 4-Chlorotoluene (T)

16.50min 193.72ug/L

response 13665923

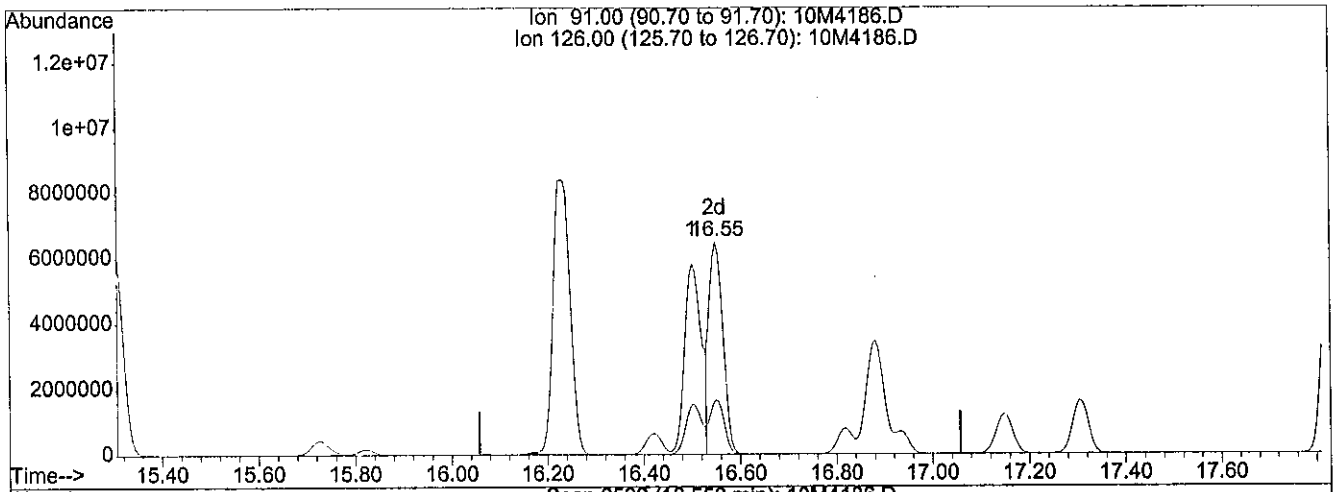
Ion	Exp%	Act%
91.00	100	100
126.00	33.80	27.13
0.00	0.00	0.00
0.00	0.00	0.00

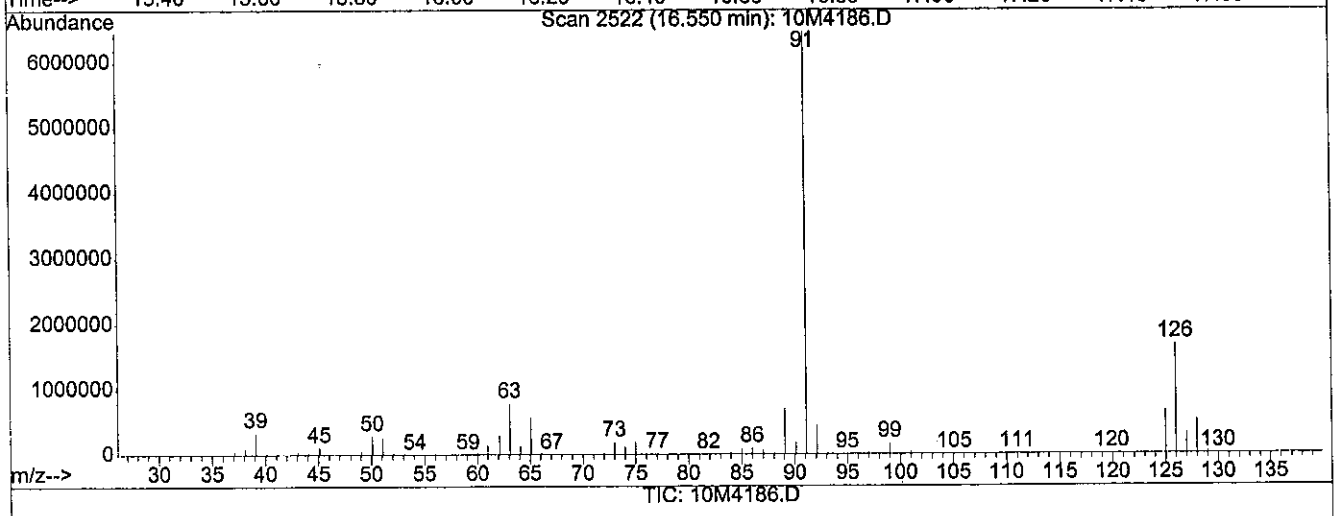
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\061600\10M4186.D
Acq On : 16 Jun 2000 18:43
Sample : WG79035 200 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 16 21:41 2000

Vial: 12
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat May 27 13:48:03 2000
Response via : Multiple Level Calibration





TIC: 10M4186.D

(73) 4-Chlorotoluene (T)

16.55min 181.89ug/L m

response 12831997

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	28.90
0.00	0.00	0.00
0.00	0.00	0.00

RJ 6-16-00
6/19/00 ans

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	0.428	0.431	-0.7	100	0.00
3	P	Chloromethane	0.272	0.288	-5.9	108	0.00
4	C	Vinyl Chloride	0.304	0.266	12.5	91	0.01
5	T	Bromomethane	0.256	0.246	3.9	103	0.03
6	T	Chloroethane	0.223	0.214	4.0	96	0.02
7	T	Trichlorofluoromethane	0.526	0.508	3.4	96	0.02
8	T	Isoprene	0.481	0.000	100.0#	0#	-5.99#
9	T	Acrolein	0.028	0.000	100.0#	0#	-6.19#
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.353	0.000	100.0#	0#	-6.22#
11	T	Acetone	0.062	0.062	0.0	101	-0.02
12	C	1,1-Dichloroethene	0.267	0.294	-10.1	108	0.01
13	T	Dimethyl Sulfide	0.392	0.000	100.0#	0#	-6.77#
14	T	Iodomethane	0.251	0.438	-74.5#	152#	0.00
15	T	Methylene Chloride	0.340	0.322	5.3	104	0.00
16	T	Carbon Disulfide	1.075	1.014	5.7	94	0.00
17	T	Acrylonitrile	0.080	0.011	86.3#	14#	0.06
18	T	Methyl Tert Butyl Ether	0.712	0.716	-0.6	102	0.00
19	T	trans-1,2-Dichloroethene	0.309	0.343	-11.0	111	0.00
20	T	n-Hexane	0.623	0.700	-12.4	114	0.01
21	T	Vinyl Acetate	0.462	0.298	35.5#	58	0.00
22	P	1,1-Dichloroethane	0.813	0.819	-0.7	102	0.00
23	T	2-Butanone	0.089	0.097	-9.0	112	0.00
24	T	2,2-Dichloropropane	0.664	0.691	-4.1	104	0.00
25	T	cis-1,2-Dichloroethene	0.340	0.361	-6.2	102	0.00
26	C	Chloroform	0.740	0.740	0.0	105	0.00
27	T	Bromochloromethane	0.122	0.124	-1.6	104	0.00
28	S	Dibromofluoromethane	0.354	0.408	-15.3	115	0.00
29	T	1,1,1-Trichloroethane	0.708	0.724	-2.3	104	0.00
30	T	Cyclohexane	0.777	0.002	99.7#	0#	-0.04
31	T	1,1-Dichloropropene	0.448	0.555	-23.9	123	0.00
32	T	Carbon Tetrachloride	0.573	0.608	-6.1	107	0.00
33	S	1,2-Dichloroethane-d4	0.472	0.519	-10.0	110	0.00
34	T	1,2-Dichloroethane	0.594	0.579	2.5	99	0.00
35	T	Benzene	1.455	1.482	-1.9	103	0.00
36	T	Trichloroethene	0.306	0.327	-6.9	106	0.00
37	C	1,2-Dichloropropane	0.386	0.392	-1.6	101	0.00
38	T	Bromodichloromethane	0.506	0.513	-1.4	107	0.00
39	T	Dibromomethane	0.162	0.159	1.9	101	0.00
40	T	2-Chloroethyl Vinyl Ether	0.129	0.156	-20.9	108	0.00
41	T	4-Methyl-2-Pentanone	0.073	0.079	-8.2	107	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.469	0.576	-22.8	116	0.00
43	T	Dimethyl Disulfide	0.298	0.000	100.0#	0#	-12.63#
44	I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
45	S	Toluene-d8	1.772	2.138	-20.7	117	0.00
46	C	Toluene	2.106	2.225	-5.7	103	0.00
47	T	Ethyl Methacrylate	0.419	0.000	100.0#	0#	-12.89#
48	T	trans-1,3-Dichloropropene	0.712	0.705	1.0	97	0.00
49	T	1,1,2-Trichloroethane	0.306	0.302	1.3	102	0.00
50	T	2-Hexanone	0.196	0.192	2.0	98	0.00
51	T	1,3-Dichloropropane	0.598	0.591	1.2	100	0.00
52	T	Tetrachloroethene	0.398	0.416	-4.5	105	0.00
53	T	Dibromochloromethane	0.402	0.378	6.0	101	0.00
54	T	1,2-Dibromoethane	0.279	0.275	1.4	101	0.00
55	T	1-Chlorohexane	0.605	0.777	-28.4#	110	0.00
56	P	Chlorobenzene	1.455	1.365	6.2	101	0.00
57	T	1,1,1,2-Tetrachloroethane	0.506	0.487	3.8	100	0.00
58	C	Ethylbenzene	0.760	0.784	-3.2	103	0.00
59	T	m-,p-Xylene	0.939	0.979	-4.3	102	0.00
60	T	o-Xylene	0.817	0.907	-11.0	103	0.00
61	T	Styrene	1.454	1.509	-3.8	102	0.00
62	P	Bromoform	0.239	0.222	7.1	93	0.00
63	T	Isopropylbenzene	2.212	2.397	-8.4	99	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
65	P	1,1,2,2-Tetrachloroethane	0.647	0.553	14.5	99	0.00
66	S	p-Bromofluorobenzene	1.350	1.614	-19.6	116	0.00
67	T	1,2,3-Trichloropropane	0.180	0.180	0.0	99	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.267	0.037	86.1#	14#	0.06
69	T	n-Propylbenzene	5.267	5.837	-10.8	104	0.00
70	T	Bromobenzene	1.016	0.971	4.4	99	0.00
71	T	1,3,5-Trimethylbenzene	3.538	3.865	-9.2	102	0.00
72	T	2-Chlorotoluene	3.608	3.609	-0.0	103	0.00
73	T	4-Chlorotoluene	3.675	3.673	0.1	99	0.00
74	T	a-Methylstyrene	1.853	0.055	97.0#	3#	0.06
75	T	tert-Butylbenzene	3.121	3.212	-2.9	102	0.00
76	T	1,2,4-Trimethylbenzene	3.959	4.000	-1.0	102	0.00
77	T	sec-Butylbenzene	4.336	4.440	-2.4	99	0.00
78	T	p-Isopropyltoluene	3.540	3.846	-8.6	100	0.00
79	T	1,3-Dichlorobenzene	2.010	1.907	5.1	100	0.00
80	T	1,4-Dichlorobenzene	1.974	1.913	3.1	99	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	3.603	3.946	-9.5	104	0.00
82	T	1,2-Dichlorobenzene	1.615	1.622	-0.4	101	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.092	0.080	13.0	98	0.00
84	T	1,2,4-Trichlorobenzene	1.178	1.202	-2.0	102	0.00
85	T	Hexachlorobutadiene	0.642	0.620	3.4	104	0.00
86	T	Naphthalene	1.428	1.479	-3.6	99	0.00
87	T	1,2,3-Trichlorobenzene	0.908	0.916	-0.9	99	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
10M4201.D 8260WTR.M Sat Jun 17 15:07:02 2000 Page 24

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	104	0.00
2	T	Dichlorodifluoromethane	20.000	20.125	-0.6	100	0.00
3	P	Chloromethane	20.000	21.197	-6.0	108	0.00
4	C	Vinyl Chloride	20.000	18.644	6.8	91	0.01
5	T	Bromomethane	20.000	19.282	3.6	103	0.03
6	T	Chloroethane	20.000	19.216	3.9	96	0.02
7	T	Trichlorofluoromethane	20.000	19.307	3.5	96	0.02
8	T	Isoprene	20.000	0.000	100.0#	0	-5.99#
9	T	Acrolein	40.000	0.000	100.0#	0	-6.19#
10	T	1,1,2-Trichloro-1,2,2-Trifl	20.000	0.000	100.0#	0	-6.22#
11	T	Acetone	20.000	19.706	1.5	101	-0.02
12	C	1,1-Dichloroethene	20.000	22.029	-10.1	108	0.01
13	T	Dimethyl Sulfide	20.000	0.000	100.0#	0	-6.77#
14	T	Iodomethane	20.000	31.661	-58.3#	152	0.00
15	T	Methylene Chloride	20.000	18.979	5.1	104	0.00
16	T	Carbon Disulfide	20.000	18.860	5.7	94	0.00
17	T	Acrylonitrile	20.000	2.852	85.7#	14	0.06
18	T	Methyl Tert Butyl Ether	20.000	20.098	-0.5	102	0.00
19	T	trans-1,2-Dichloroethene	20.000	22.155	-10.8	111	0.00
20	T	n-Hexane	20.000	22.489	-12.4	114	0.01
21	T	Vinyl Acetate	20.000	10.000	50.0#	58	0.00
22	P	1,1-Dichloroethane	20.000	20.140	-0.7	102	0.00
23	T	2-Butanone	20.000	21.677	-8.4	112	0.00
24	T	2,2-Dichloropropane	20.000	20.802	-4.0	104	0.00
25	T	cis-1,2-Dichloroethene	20.000	21.222	-6.1	102	0.00
26	C	Chloroform	20.000	20.017	-0.1	105	0.00
27	T	Bromochloromethane	20.000	20.225	-1.1	104	0.00
28	S	Dibromofluoromethane	20.000	23.065	-15.3	115	0.00
29	T	1,1,1-Trichloroethane	20.000	20.441	-2.2	104	0.00
30	T	Cyclohexane	20.000	0.062	99.7#	0	-0.04
31	T	1,1-Dichloropropene	20.000	24.814	-24.1	123	0.00
32	T	Carbon Tetrachloride	20.000	21.226	-6.1	107	0.00
33	S	1,2-Dichloroethane-d4	20.000	21.994	-10.0	110	0.00
34	T	1,2-Dichloroethane	20.000	19.481	2.6	99	0.00
35	T	Benzene	20.000	20.374	-1.9	103	0.00
36	T	Trichloroethene	20.000	21.383	-6.9	106	0.00
37	C	1,2-Dichloropropane	20.000	20.295	-1.5	101	0.00
38	T	Bromodichloromethane	20.000	20.299	-1.5	107	0.00
39	T	Dibromomethane	20.000	19.619	1.9	101	0.00
40	T	2-Chloroethyl Vinyl Ether	20.000	18.846	5.8	108	0.00
41	T	4-Methyl-2-Pentanone	20.000	21.666	-8.3	107	0.00

725

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	20.000	21.529	-7.6	116	0.00
43	T	Dimethyl Disulfide	20.000	0.000	100.0#	0	-12.63#
44	I	Chlorobenzene-d5	25.000	25.000	0.0	102	0.00
45	S	Toluene-d8	20.000	24.140	-20.7	117	0.00
46	C	Toluene	20.000	21.131	-5.7	103	0.00
47	T	Ethyl Methacrylate	20.000	0.000	100.0#	0	-12.89#
48	T	trans-1,3-Dichloropropene	20.000	19.818	0.9	97	0.00
49	T	1,1,2-Trichloroethane	20.000	19.751	1.2	102	0.00
50	T	2-Hexanone	20.000	19.498	2.5	98	0.00
51	T	1,3-Dichloropropane	20.000	19.770	1.2	100	0.00
52	T	Tetrachloroethene	20.000	20.933	-4.7	105	0.00
53	T	Dibromochloromethane	20.000	19.337	3.3	101	0.00
54	T	1,2-Dibromoethane	20.000	19.704	1.5	101	0.00
55	T	1-Chlorohexane	20.000	20.761	-3.8	110	0.00
56	P	Chlorobenzene	20.000	18.763	6.2	101	0.00
57	T	1,1,1,2-Tetrachloroethane	20.000	18.418	7.9	100	0.00
58	C	Ethylbenzene	20.000	20.647	-3.2	103	0.00
59	T	m-,p-Xylene	40.000	41.689	-4.2	102	0.00
60	T	o-Xylene	20.000	19.562	2.2	103	0.00
61	T	Styrene	20.000	20.745	-3.7	102	0.00
62	P	Bromoform	20.000	18.582	7.1	93	0.00
63	T	Isopropylbenzene	20.000	18.822	5.9	99	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	99	0.00
65	P	1,1,2,2-Tetrachloroethane	20.000	19.841	0.8	99	0.00
66	S	p-Bromofluorobenzene	20.000	23.905	-19.5	116	0.00
67	T	1,2,3-Trichloropropane	20.000	20.047	-0.2	99	0.00
68	T	trans-1,4-Dichloro-2-Butene	20.000	2.775	86.1#	14	0.06
69	T	n-Propylbenzene	20.000	22.165	-10.8	104	0.00
70	T	Bromobenzene	20.000	19.126	4.4	99	0.00
71	T	1,3,5-Trimethylbenzene	20.000	21.846	-9.2	102	0.00
72	T	2-Chlorotoluene	20.000	20.004	-0.0	103	0.00
73	T	4-Chlorotoluene	20.000	19.990	0.1	99	0.00
74	T	a-Methylstyrene	20.000	0.598	97.0#	3	0.06
75	T	tert-Butylbenzene	20.000	20.584	-2.9	102	0.00
76	T	1,2,4-Trimethylbenzene	20.000	20.203	-1.0	102	0.00
77	T	sec-Butylbenzene	20.000	20.483	-2.4	99	0.00
78	T	p-Isopropyltoluene	20.000	19.393	3.0	100	0.00
79	T	1,3-Dichlorobenzene	20.000	18.978	5.1	100	0.00
80	T	1,4-Dichlorobenzene	20.000	19.380	3.1	99	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D Vial: 6
Acq On : 17 Jun 2000 14:43 Operator: MES
Sample : WG79122 20PPB ALT SOURCE M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	20.000	21.907	-9.5	104	0.00
82	T	1,2-Dichlorobenzene	20.000	20.088	-0.4	101	0.00
83	T	1,2-Dibromo-3-Chloropropane	20.000	15.946	20.3	98	0.00
84	T	1,2,4-Trichlorobenzene	20.000	18.517	7.4	102	0.00
85	T	Hexachlorobutadiene	20.000	19.299	3.5	104	0.00
86	T	Naphthalene	20.000	17.895	10.5	99	0.00
87	T	1,2,3-Trichlorobenzene	20.000	20.169	-0.8	99	0.00

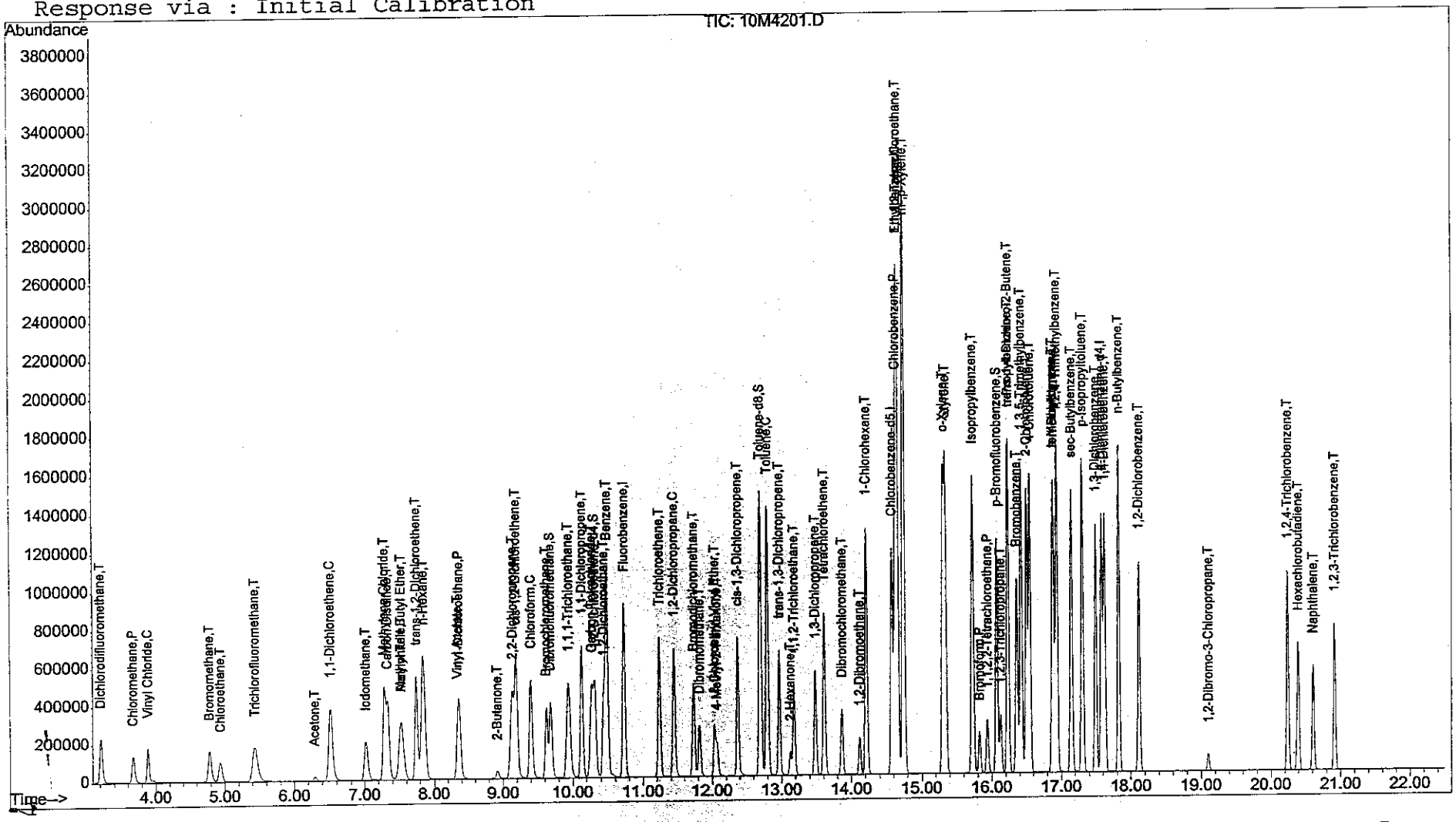
Quantitation Report

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D
Acq On : 17 Jun 2000 14:43
Sample : WG79122 20PPB ALT SOURCE M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 17 15:05 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D
Acq On : 17 Jun 2000 14:43
Sample : WG79122 20PPB ALT SOURCE M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 17 15:05 2000

Vial: 6
Operator: MES
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Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.73	96	1020659	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.58	117	724826	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	397840	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	333466	23.06	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 92.24%				
33) 1,2-Dichloroethane-d4	10.32	65	424183	21.99	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 87.96%				
45) Toluene-d8	12.70	98	1239967	24.14	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 96.56%				
66) p-Bromofluorobenzene	16.07	95	513548	23.90	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 95.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	351961	20.13	ug/L		95
3) Chloromethane	3.67	50	235456	21.20	ug/L		94
4) Vinyl Chloride	3.89	62	217079	18.64	ug/L		95
5) Bromomethane	4.78	94	201210	19.28	ug/L		99
6) Chloroethane	4.94	64	174835	19.22	ug/L		99
7) Trichlorofluoromethane	5.43	101	414514	19.31	ug/L		98
11) Acetone	6.29	43	50261	19.71	ug/L		94
12) 1,1-Dichloroethene	6.52	96	240003	22.03	ug/L	#	64
14) Iodomethane	7.02	142	357542	31.66	ug/L	#	77
15) Methylene Chloride	7.28	84	263108	18.98	ug/L		96
16) Carbon Disulfide	7.33	76	827937	18.86	ug/L		100
17) Acrylonitrile	7.53	53	9340	2.85	ug/L	#	7
18) Methyl Tert Butyl Ether	7.53	73	584394	20.10	ug/L		93
19) trans-1,2-Dichloroethene	7.74	96	279758	22.15	ug/L	#	67
20) n-Hexane	7.85	57	571597	22.49	ug/L		94
21) Vinyl Acetate	8.33	43	243531	10.00	ug/L		96
22) 1,1-Dichloroethane	8.36	63	668771	20.14	ug/L		99
23) 2-Butanone	8.92	43	79127	21.68	ug/L		97
24) 2,2-Dichloropropane	9.13	77	564137	20.80	ug/L		91
25) cis-1,2-Dichloroethene	9.19	96	294378	21.22	ug/L	#	65
26) Chloroform	9.40	83	604418	20.02	ug/L		98
27) Bromochloromethane	9.62	128	101086	20.23	ug/L		83
29) 1,1,1-Trichloroethane	9.93	97	591255	20.44	ug/L	#	92
31) 1,1-Dichloropropene	10.13	75	453442	24.81	ug/L	#	88
32) Carbon Tetrachloride	10.27	117	496602	21.23	ug/L		100
34) 1,2-Dichloroethane	10.43	62	472614	19.48	ug/L	#	98
35) Benzene	10.48	78	1209942	20.37	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D
Acq On : 17 Jun 2000 14:43
Sample : WG79122 20PPB ALT SOURCE M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 17 15:05 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Trichloroethene	11.23	130	267211	21.38 ug/L #	88
37) 1,2-Dichloropropane	11.44	63	319963	20.30 ug/L #	81
38) Bromodichloromethane	11.74	83	419197	20.30 ug/L	99
39) Dibromomethane	11.82	93	129896	19.62 ug/L	98
40) 2-Chloroethyl Vinyl Ether	12.03	63	127153	18.85 ug/L	97
41) 4-Methyl-2-Pentanone	12.07	58	64143	21.67 ug/L #	93
42) cis-1,3-Dichloropropene	12.37	75	470587	21.53 ug/L #	90
46) Toluene	12.79	91	1290195	21.13 ug/L	98
48) trans-1,3-Dichloropropene	12.96	75	409080	19.82 ug/L #	88
49) 1,1,2-Trichloroethane	13.18	97	175398	19.75 ug/L	97
50) 2-Hexanone	13.12	43	111079	19.50 ug/L #	68
51) 1,3-Dichloropropane	13.48	76	342872	19.77 ug/L	94
52) Tetrachloroethene	13.61	164	241485	20.93 ug/L	97
53) Dibromochloromethane	13.87	129	219114	19.34 ug/L	100
54) 1,2-Dibromoethane	14.12	107	159313	19.70 ug/L	97
55) 1-Chlorohexane	14.21	91	450827	20.76 ug/L	84
56) Chlorobenzene	14.62	112	791596	18.76 ug/L	99
57) 1,1,1,2-Tetrachloroethane	14.66	131	282483	18.42 ug/L	99
58) Ethylbenzene	14.65	106	454841	20.65 ug/L	82
59) m-,p-Xylene	14.74	106	1135095	41.69 ug/L	79
60) o-Xylene	15.30	106	525895	19.56 ug/L	79
61) Styrene	15.34	104	874732	20.74 ug/L #	78
62) Bromoform	15.82	173	128863	18.58 ug/L	100
63) Isopropylbenzene	15.72	105	1390062	18.82 ug/L	93
65) 1,1,2,2-Tetrachloroethane	15.94	83	176075	19.84 ug/L	98
67) 1,2,3-Trichloropropane	16.12	110	57297	20.05 ug/L	80
68) trans-1,4-Dichloro-2-Buten	16.23	53	11800	2.78 ug/L #	1
69) n-Propylbenzene	16.23	91	1857900	22.17 ug/L	91
70) Bromobenzene	16.36	156	309135	19.13 ug/L	86
71) 1,3,5-Trimethylbenzene	16.42	105	1230018	21.85 ug/L	89
72) 2-Chlorotoluene	16.50	91	1148497	20.00 ug/L #	82
73) 4-Chlorotoluene	16.55	91	1169068	19.99 ug/L	88
74) a-Methylstyrene	16.88	118	17621	0.60 ug/L #	1
75) tert-Butylbenzene	16.88	119	1022195	20.58 ug/L #	67
76) 1,2,4-Trimethylbenzene	16.93	105	1272973	20.20 ug/L	91
77) sec-Butylbenzene	17.15	105	1413211	20.48 ug/L	93
78) p-Isopropyltoluene	17.30	119	1224136	19.39 ug/L	94
79) 1,3-Dichlorobenzene	17.49	146	606955	18.98 ug/L	93
80) 1,4-Dichlorobenzene	17.62	146	608749	19.38 ug/L	90
81) n-Butylbenzene	17.83	91	1256009	21.91 ug/L #	91
82) 1,2-Dichlorobenzene	18.11	146	516359	20.09 ug/L	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061700\10M4201.D
Acq On : 17 Jun 2000 14:43
Sample : WG79122 20PPB ALT SOURCE M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 17 15:05 2000

Vial: 6
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
83) 1,2-Dibromo-3-Chloropropan	19.10	157	25404	15.95	ug/L	#	62
84) 1,2,4-Trichlorobenzene	20.24	180	382681	18.52	ug/L		96
85) Hexachlorobutadiene	20.39	225	197271	19.30	ug/L		95
86) Naphthalene	20.61	128	470708	17.89	ug/L		100
87) 1,2,3-Trichlorobenzene	20.92	180	291449	20.17	ug/L		96

(#) = qualifier out of range (m) = manual integration
10M4201.D 8260WTR.M Sat Jun 17 15:06:00 2000

Calibration Table Report

Method: 8260WTR.M

Title: Method 8260B Water Analysis 06/20/2000 - HPMS 9

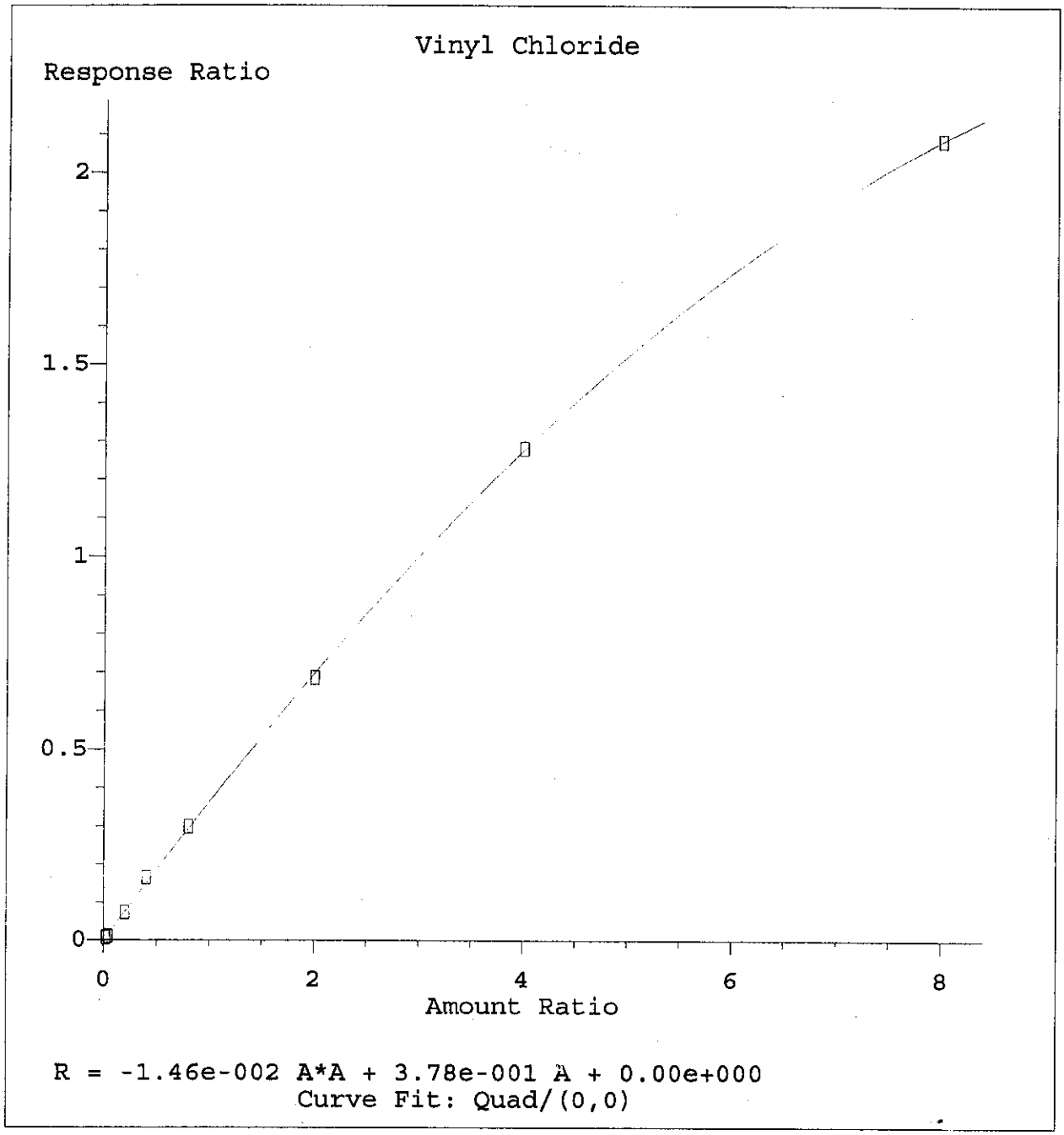
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Calibration Files

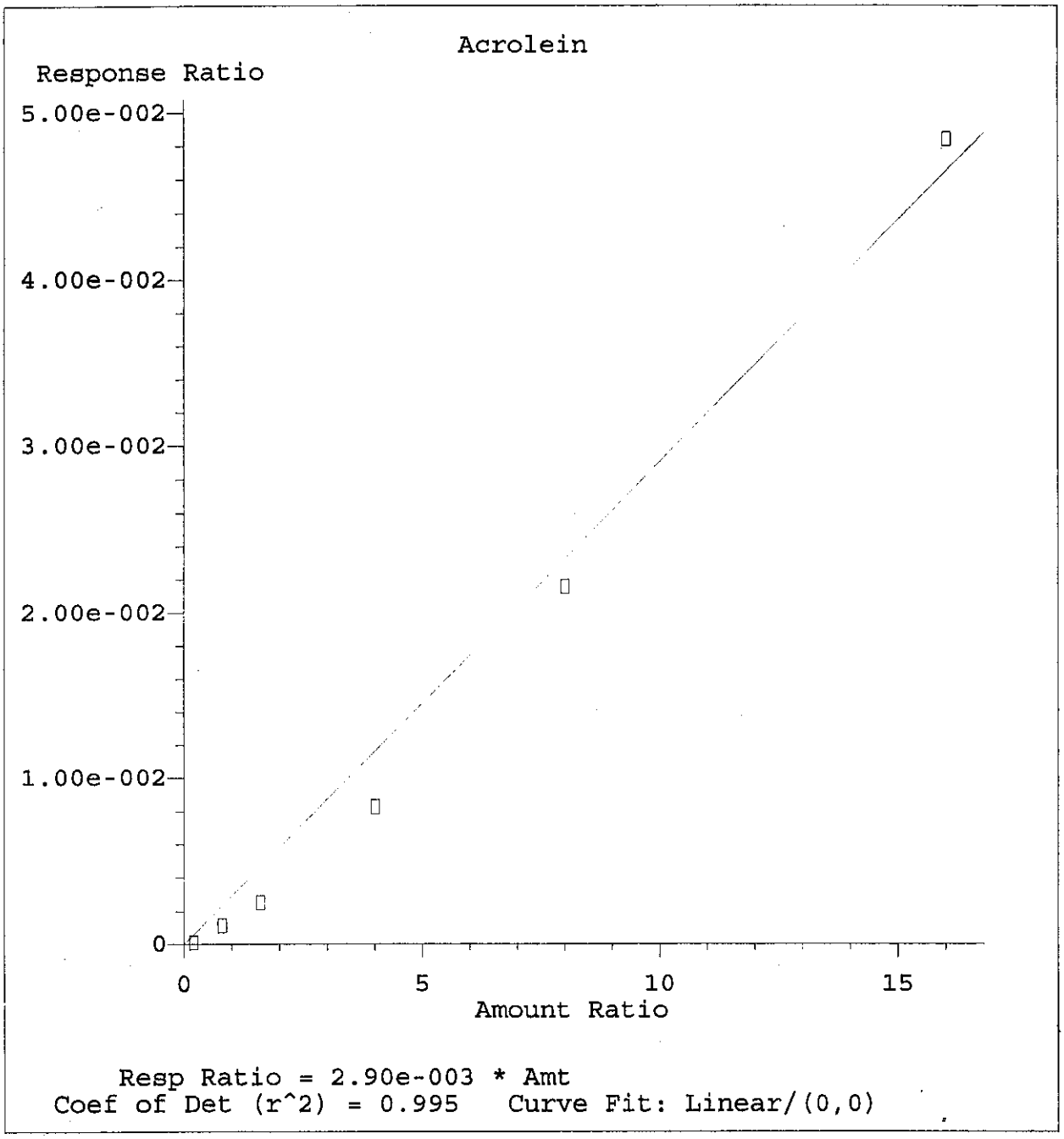
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I	Fluorobenzene	ISTD										
T	Dichlorodifluoromethane	0.409	0.300	0.387	0.445	0.423	0.349	0.391	0.388	0.387	11.615	
P	Chloromethane		0.244	0.270	0.287	0.283	0.251	0.269	0.265	0.267	5.906	
C	Vinyl Chloride	0.412	0.300	0.368	0.414	0.374	0.261	0.342	0.320	0.349	15.461	QR,F
T	Bromomethane	0.182	0.165	0.167	0.191	0.185	0.178	0.184	0.185	0.180	5.131	
T	Chloroethane		0.244	0.243	0.250	0.236	0.183	0.219	0.209	0.226	10.563	
T	Trichlorofluoromethane	0.684	0.498	0.629	0.709	0.670	0.560	0.646	0.631	0.628	10.993	
T	Isoprene			0.277	0.329	0.350	0.374	0.363	0.384	0.346	11.286	
T	Acrolein			0.001	0.001	0.002	0.003	0.002	0.003	0.002	47.285	LR,F
T	1,1,2-Trichloro-1,2,2-Trifluoroet	0.277	0.230	0.287	0.328	0.318	0.294	0.308	0.309	0.294	10.405	
T	Acetone			0.044	0.039	0.033	0.033	0.035	0.036	0.037	11.880	
C	1,1-Dichloroethene	0.172	0.201	0.220	0.247	0.255	0.261	0.256	0.270	0.235	14.581	
T	Dimethyl Sulfide			0.180	0.216	0.226	0.236	0.238	0.240	0.223	10.258	
T	Iodomethane		0.061	0.123	0.196	0.245	0.279	0.288	0.307	0.214	43.317	LR,F
T	Methylene Chloride	0.281	0.261	0.260	0.277	0.281	0.275	0.278	0.280	0.274	3.228	
T	Carbon Disulfide	0.825	0.774	0.820	0.903	0.899	0.888	0.893	0.913	0.864	5.879	
T	Acrylonitrile			0.029	0.028	0.029	0.040	0.033	0.035	0.032	14.630	
T	Methyl Tert Butyl Ether		0.441	0.584	0.682	0.725	0.701	0.745	0.752	0.661	16.985	LR,F
T	trans-1,2-Dichloroethene	0.220	0.226	0.242	0.273	0.288	0.300	0.295	0.306	0.269	12.911	
T	n-Hexane			0.222	0.269	0.274	0.304	0.277	0.302	0.275	10.821	
T	Vinyl Acetate			0.180	0.206	0.222	0.243	0.245	0.257	0.226	12.767	
P	1,1-Dichloroethane	0.419	0.464	0.454	0.493	0.501	0.502	0.507	0.517	0.482	6.905	
T	2-Butanone			0.048	0.044	0.048	0.052	0.049	0.050	0.048	6.113	
T	2,2-Dichloropropane	0.362	0.450	0.491	0.555	0.567	0.545	0.556	0.581	0.513	14.651	
T	cis-1,2-Dichloroethene		0.239	0.274	0.310	0.321	0.336	0.328	0.336	0.306	11.974	
C	Chloroform	0.551	0.614	0.612	0.633	0.639	0.573	0.609	0.602	0.604	4.852	
T	Bromochloromethane	0.100	0.113	0.126	0.137	0.145	0.138	0.142	0.143	0.131	12.308	
S	Dibromofluoromethane	0.266	0.228	0.295	0.315	0.316	0.285	0.312	0.311	0.291	10.634	
T	1,1,1-Trichloroethane	0.532	0.575	0.569	0.628	0.628	0.549	0.604	0.592	0.585	5.974	
T	Cyclohexane			0.270	0.320	0.332	0.381	0.341	0.371	0.336	11.856	
T	1,1-Dichloropropene		0.288	0.328	0.365	0.380	0.371	0.371	0.382	0.355	9.708	
T	Carbon Tetrachloride	0.410	0.454	0.494	0.541	0.541	0.470	0.517	0.509	0.492	9.223	
S	1,2-Dichloroethane-d4	0.348	0.313	0.368	0.390	0.386	0.304	0.368	0.349	0.353	8.933	
T	1,2-Dichloroethane	0.401	0.455	0.464	0.474	0.485	0.394	0.450	0.432	0.444	7.427	
T	Benzene	0.885	0.974	1.011	1.128	1.148	1.172	1.142	1.182	1.080	10.120	
T	Trichloroethene	0.236	0.276	0.273	0.300	0.319	0.327	0.319	0.328	0.297	11.107	
C	1,2-Dichloropropane	0.161	0.191	0.187	0.208	0.221	0.237	0.224	0.233	0.208	12.594	
T	Bromodichloromethane	0.331	0.392	0.399	0.421	0.444	0.394	0.422	0.417	0.403	8.403	
T	Dibromomethane	0.115	0.138	0.139	0.151	0.160	0.143	0.150	0.149	0.143	9.360	
T	2-Chloroethyl Vinyl Ether		0.024	0.055	0.068	0.090	0.099	0.097	0.098	0.076	37.695	LR,F
T	4-Methyl-2-Pentanone			0.033	0.036	0.043	0.059	0.045	0.046	0.044	20.373	QR,F
T	cis-1,3-Dichloropropene	0.239	0.25	0.318	0.379	0.42	0.423	0.42	0.43	0.3599	22.337	LR,F
T	Dimethyl Disulfide		0.057	0.139	0.19	0.228	0.261	0.251	0.261	0.1982	38.608	LR,F
I	Chlorobenzene-d5	ISTD										
S	Toluene-d8			1.105	1.241	1.251	1.094	1.293	1.276	1.2099	7.2284	
C	Toluene		1.111	1.312	1.475	1.548	1.366	1.535	1.531	1.4111	11.381	
T	Ethyl Methacrylate			0.251	0.269	0.31	0.32	0.317	0.312	0.2966	9.8355	
T	trans-1,3-Dichloropropene		0.316	0.392	0.455	0.504	0.431	0.486	0.479	0.4374	14.961	
T	1,1,2-Trichloroethane	0.171	0.194	0.202	0.217	0.234	0.21	0.223	0.22	0.2089	9.4119	
T	2-Hexanone		0.035	0.071	0.07	0.08	0.111	0.087	0.088	0.0775	29.981	QR,F
T	1,3-Dichloropropane	0.328	0.337	0.37	0.403	0.443	0.382	0.421	0.413	0.3871	10.541	
T	Tetrachloroethene	0.241	0.252	0.265	0.295	0.314	0.281	0.308	0.31	0.2833	9.8496	

T	Dibromochloromethane	0.226	0.25	0.263	0.292	0.324	0.304	0.315	0.313	0.2861	12.413	
T	1,2-Dibromoethane	0.162	0.175	0.193	0.208	0.233	0.217	0.226	0.226	0.2051	12.683	
T	1-Chlorohexane		0.26	0.403	0.485	0.515	0.489	0.518	0.527	0.4566	21.111	LR,F
P	Chlorobenzene	0.959	1.019	1.006	1.082	1.159	1.061	1.133	1.147	1.0707	6.7738	
T	1,1,1,2-Tetrachloroethane	0.281	0.346	0.354	0.384	0.409	0.357	0.391	0.383	0.3632	10.905	
C	Ethylbenzene	0.456	0.555	0.551	0.608	0.651	0.619	0.654	0.67	0.5957	12.005	
T	m-,p-Xylene	0.629	0.703	0.74	0.831	0.874	0.742	0.864	0.867	0.7814	11.619	
T	o-Xylene		0.554	0.677	0.78	0.845	0.815	0.836	0.851	0.7654	14.486	
T	Styrene		0.985	1.231	1.395	1.499	1.41	1.463	1.496	1.3541	13.791	
P	Bromoform		0.149	0.166	0.193	0.225	0.253	0.22	0.238	0.2063	18.625	LR,F
T	Isopropylbenzene	1.178	1.523	1.914	2.21	2.339	1.955	2.247	2.256	1.9527	21.038	QR,F
I	1,4-Dichlorobenzene-d4	ISTD										
P	1,1,2,2-Tetrachloroethane	0.286	0.349	0.332	0.346	0.401	0.415	0.391	0.41	0.3663	12.411	
S	p-Bromofluorobenzene			0.651	0.746	0.769	0.806	0.798	0.818	0.7648	8.0188	
T	1,2,3-Trichloropropane	0.101	0.122	0.122	0.129	0.141	0.145	0.136	0.141	0.1294	11.056	
T	trans-1,4-Dichloro-2-Butene			0.064	0.064	0.078	0.101	0.084	0.095	0.0809	18.924	LR,F
T	n-Propylbenzene		2.494	2.869	3.198	3.354	2.758	3.268	3.274	3.0307	10.748	
T	Bromobenzene	0.477	0.607	0.614	0.65	0.701	0.732	0.683	0.703	0.6459	12.565	
T	1,3,5-Trimethylbenzene	1.479	1.91	2.253	2.518	2.672	2.358	2.626	2.671	2.3109	18.362	LR,F
T	2-Chlorotoluene	1.381	1.817	1.942	2.188	2.302	1.974	2.123	2.165	1.9864	14.595	
T	4-Chlorotoluene	1.44	1.963	2.018	2.148	2.223	2.052	2.242	2.264	2.0437	13.115	
T	a-Methylstyrene			1.238	1.327	1.436	1.449	1.464	1.509	1.4039	7.1952	
T	tert-Butylbenzene	1.522	2.1	1.886	2.116	2.188	2.012	2.115	2.161	2.0126	10.932	
T	1,2,4-Trimethylbenzene	1.799	2.299	2.463	2.684	2.832	2.395	2.78	2.804	2.5069	13.964	
T	sec-Butylbenzene		2.372	2.736	3.112	3.277	2.785	3.212	3.276	2.9672	11.621	
T	p-Isopropyltoluene		2.165	2.587	2.892	3.062	2.536	3.01	3.039	2.7557	12.244	
T	1,3-Dichlorobenzene	1.168	1.372	1.403	1.54	1.637	1.51	1.599	1.62	1.4811	10.764	
T	1,4-Dichlorobenzene	1.393	1.534	1.459	1.583	1.674	1.512	1.636	1.641	1.5541	6.2711	
T	n-Butylbenzene		1.969	2.253	2.549	2.664	2.312	2.657	2.708	2.4446	11.256	
T	1,2-Dichlorobenzene	1.078	1.265	1.273	1.401	1.501	1.337	1.456	1.443	1.3444	10.233	
T	1,2-Dibromo-3-Chloropropane	0.025	0.06	0.065	0.073	0.09	0.089	0.088	0.09	0.0724	31.153	LR,F
T	1,2,4-Trichlorobenzene	0.66	0.709	0.793	0.902	0.984	0.927	0.974	0.984	0.8666	14.904	
T	Hexachlorobutadiene	0.355	0.418	0.396	0.44	0.459	0.452	0.449	0.463	0.4289	8.6843	
T	Naphthalene		0.897	1.106	1.213	1.39	1.269	1.355	1.349	1.2259	14.259	
T	1,2,3-Trichlorobenzene	0.514	0.608	0.65	0.707	0.783	0.713	0.757	0.761	0.6868	13.29	

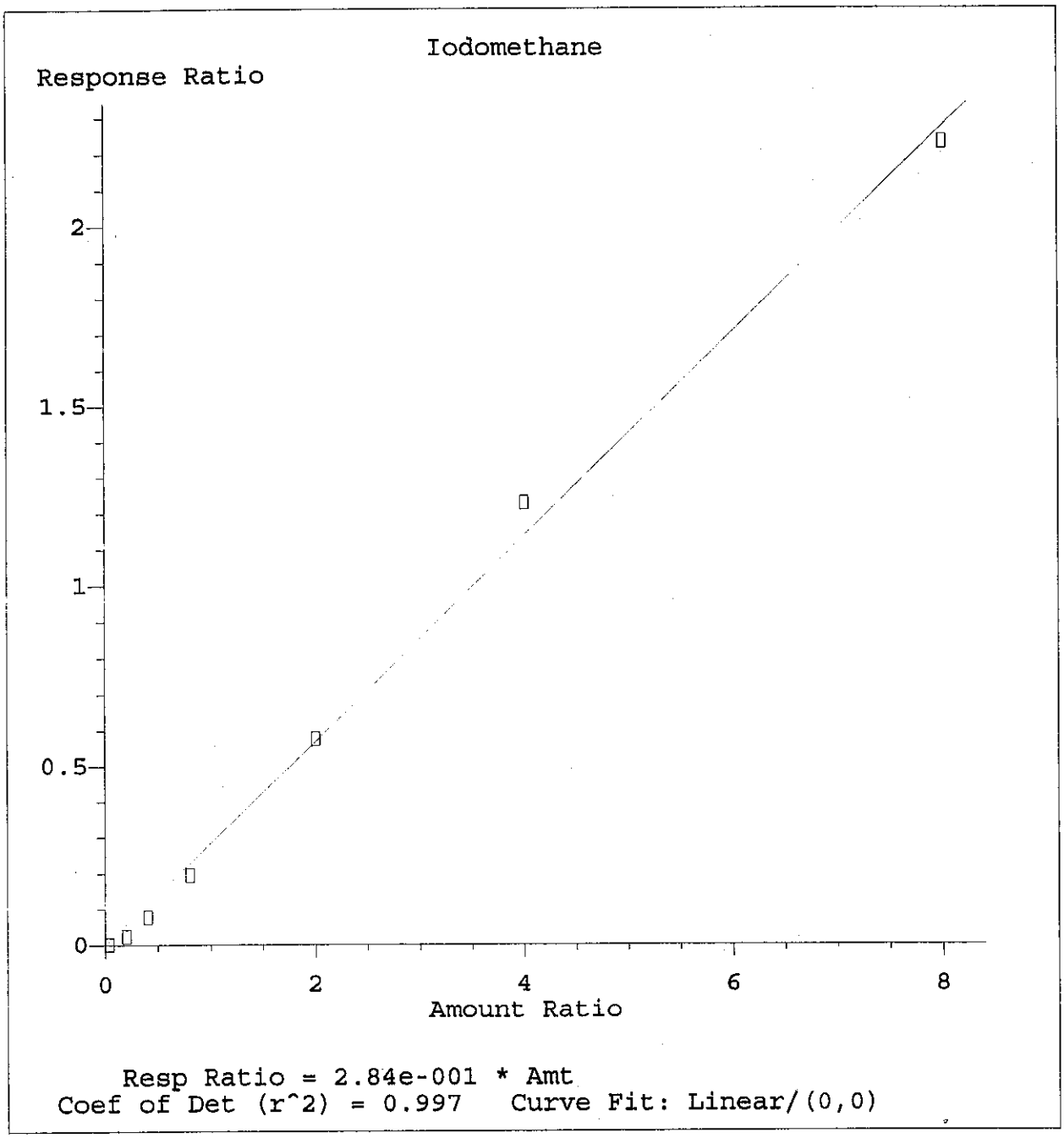
Tue Jun 20 16:32:24 2000



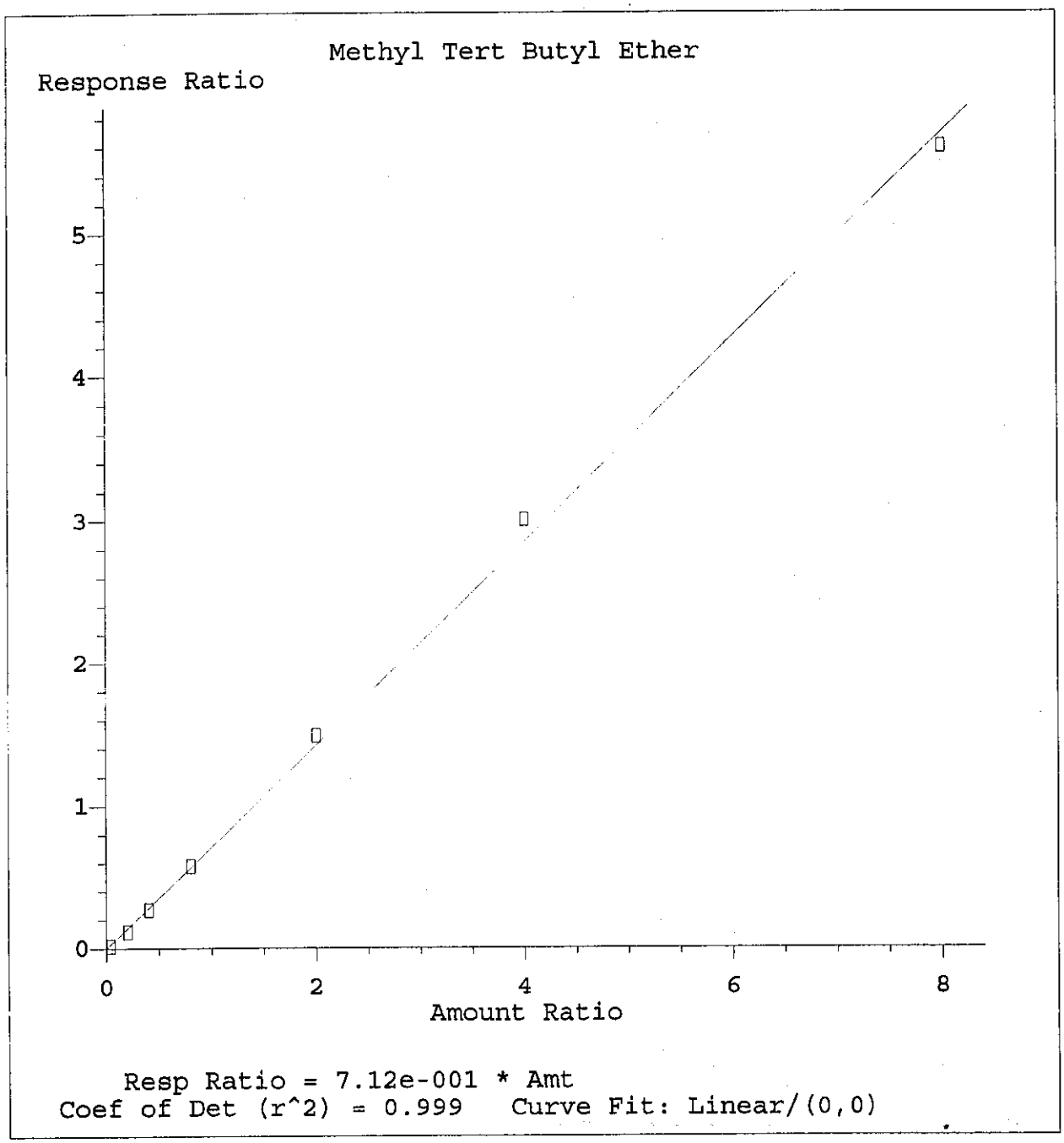
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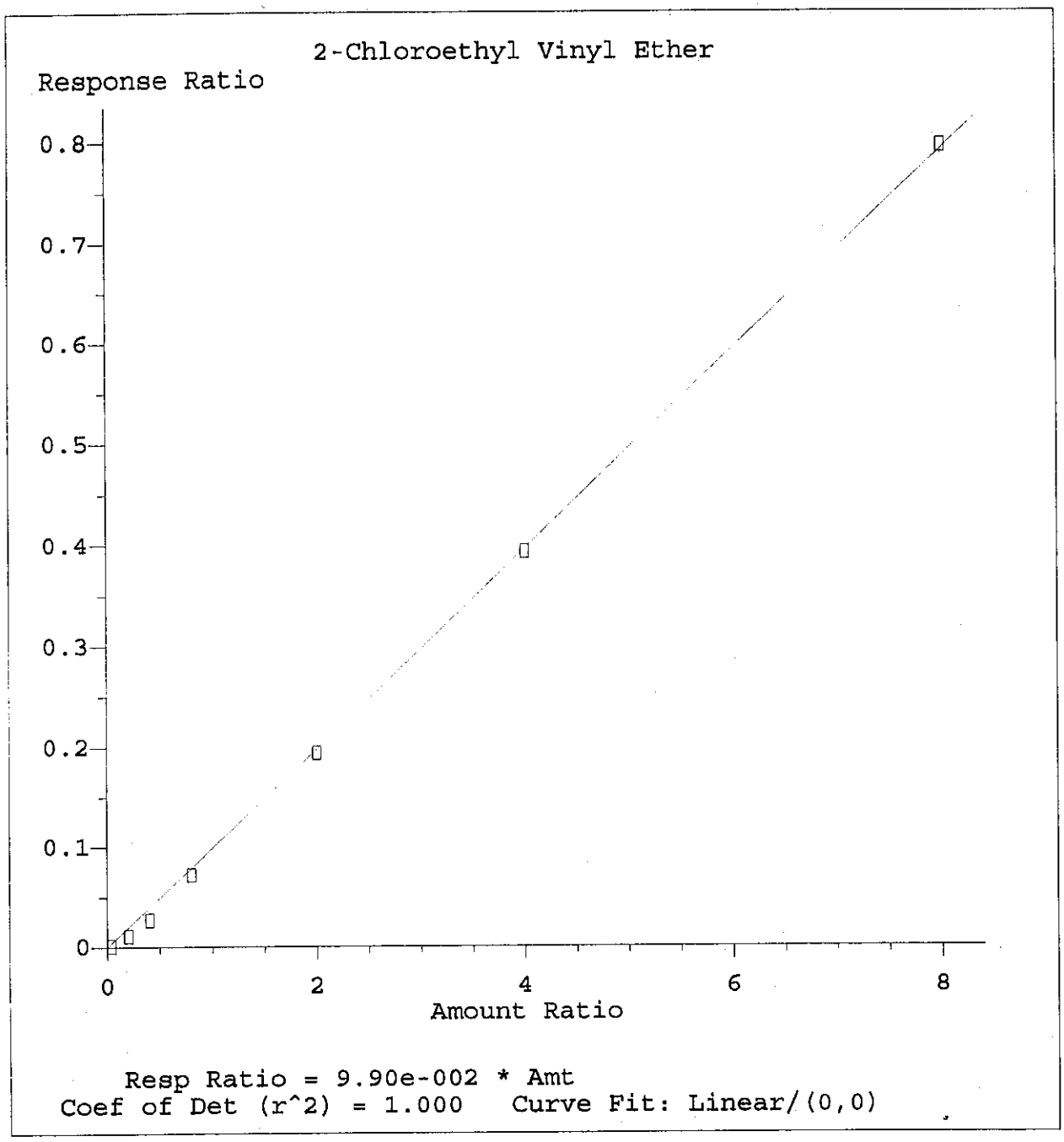
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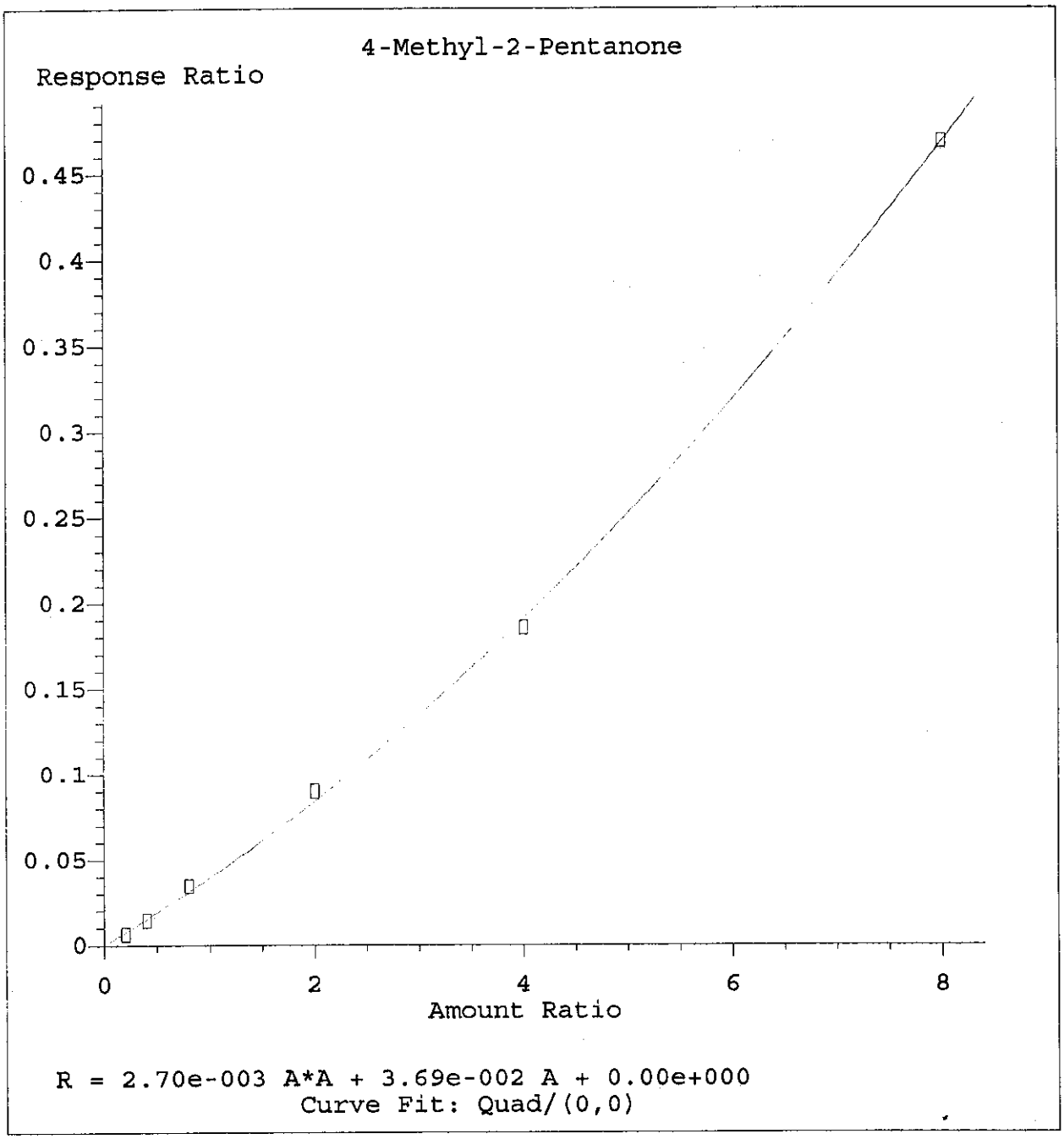
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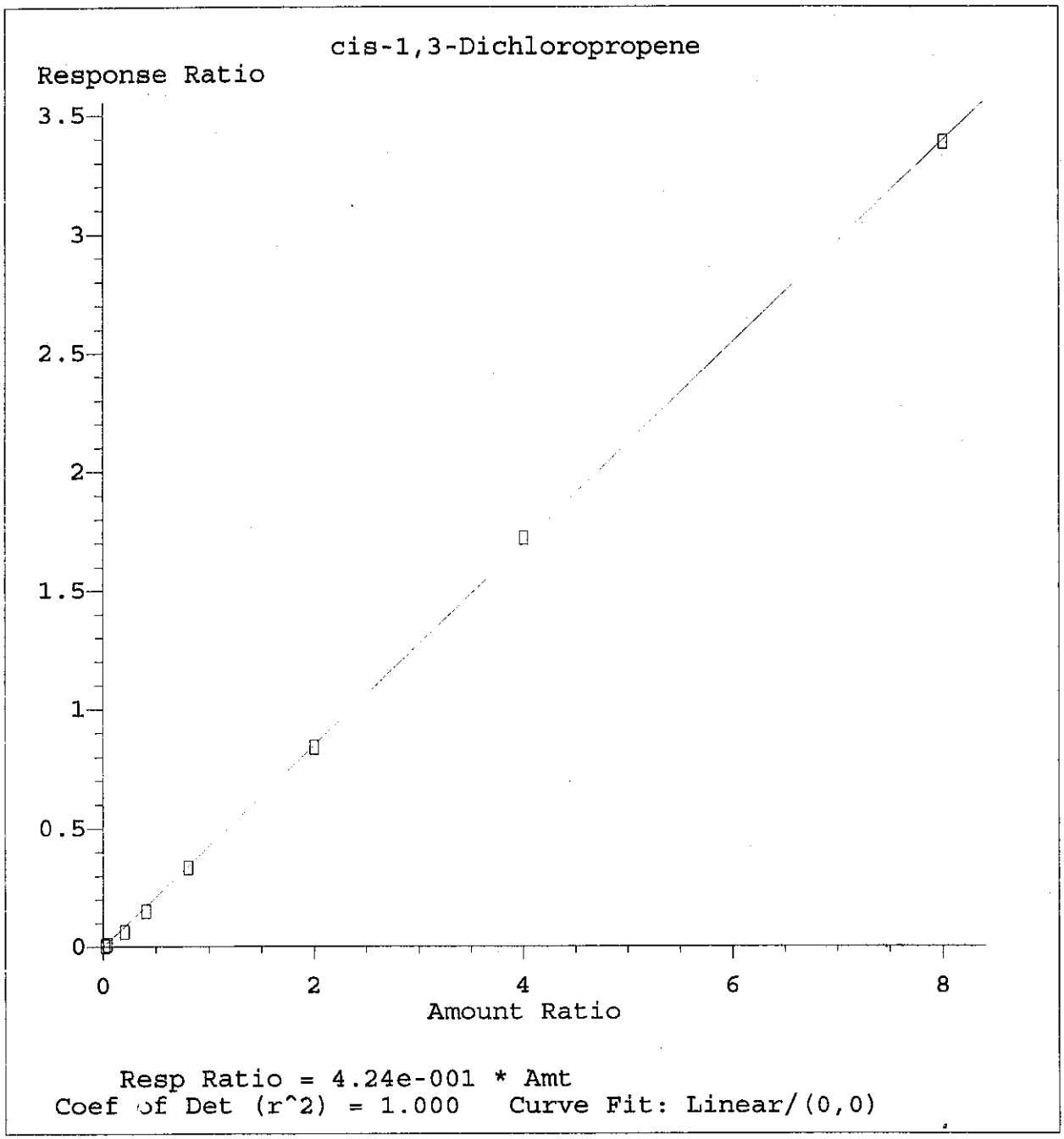
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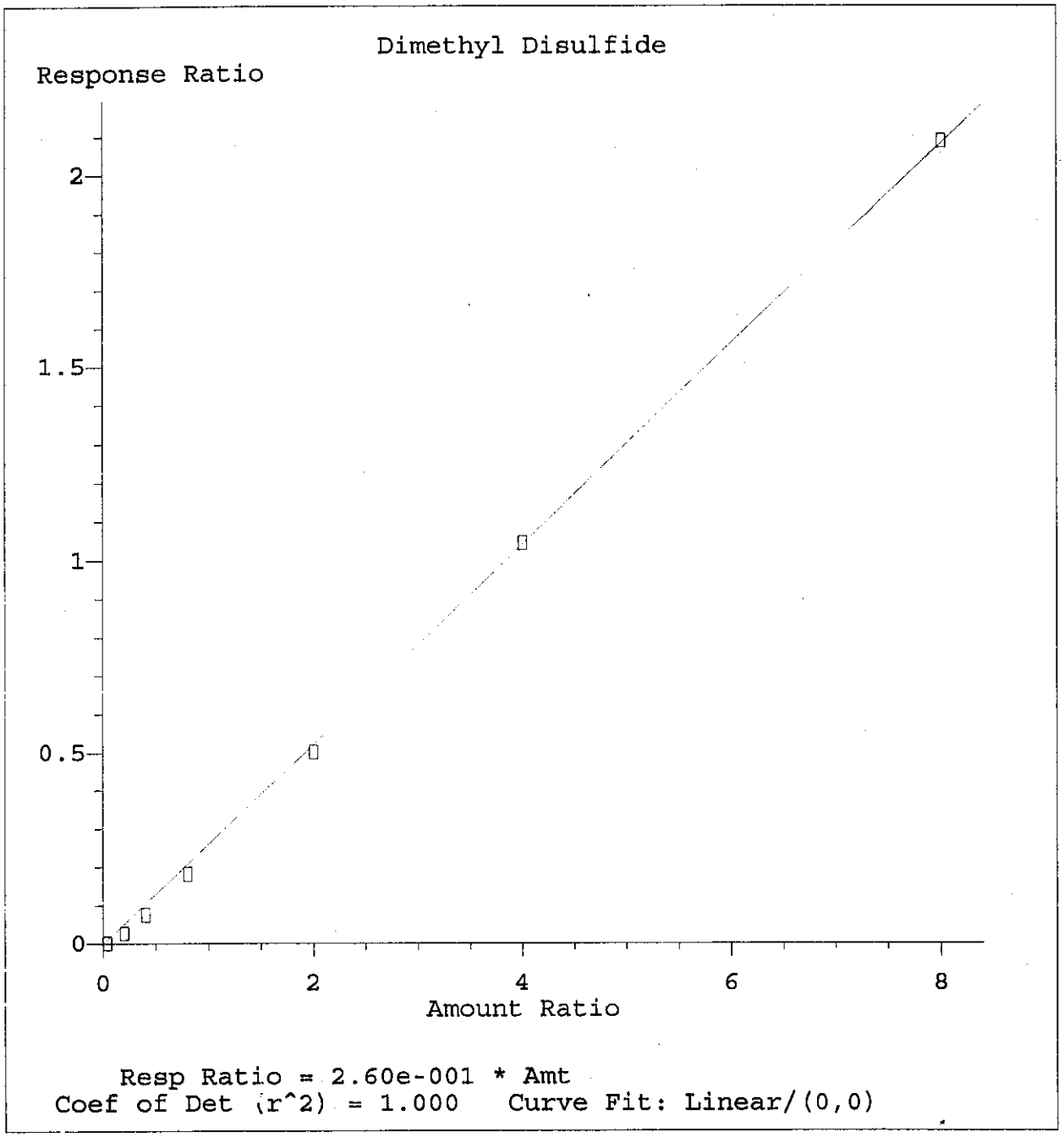
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Calibration Table Last Updated: Tue Jun 20 16:15:17 2000



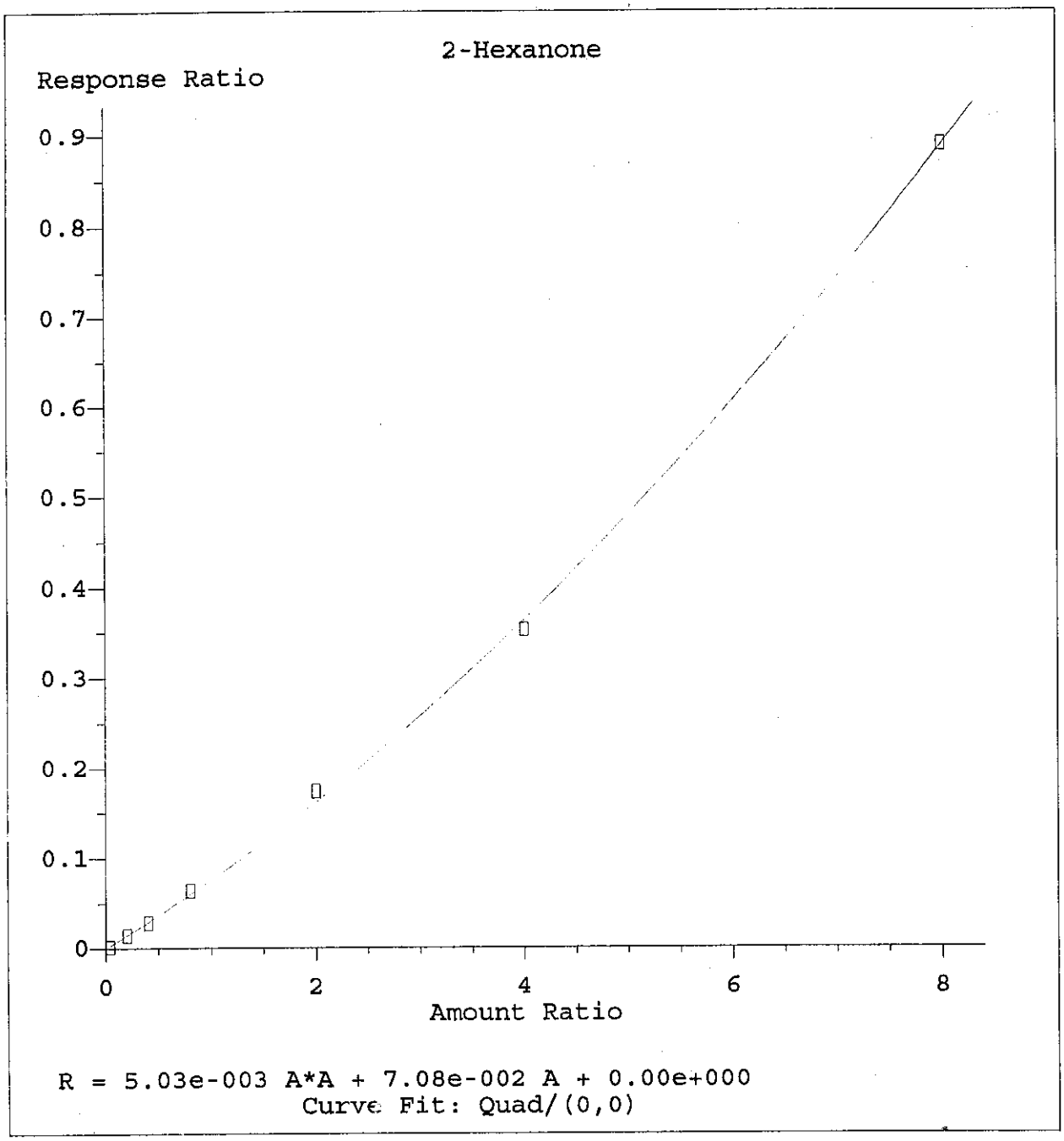
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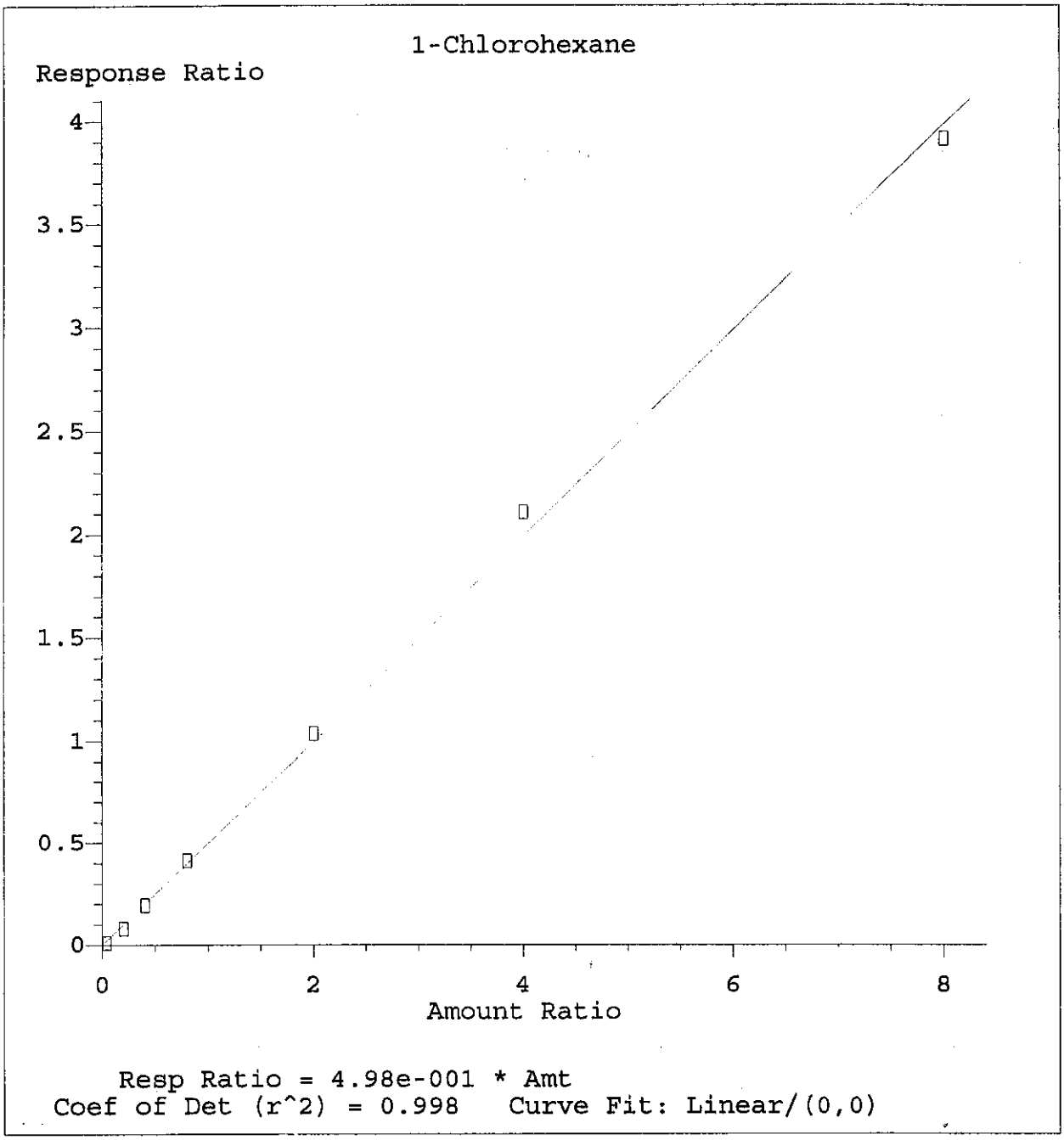
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Calibration Table Last Updated: Tue Jun 20 16:16:48 2000



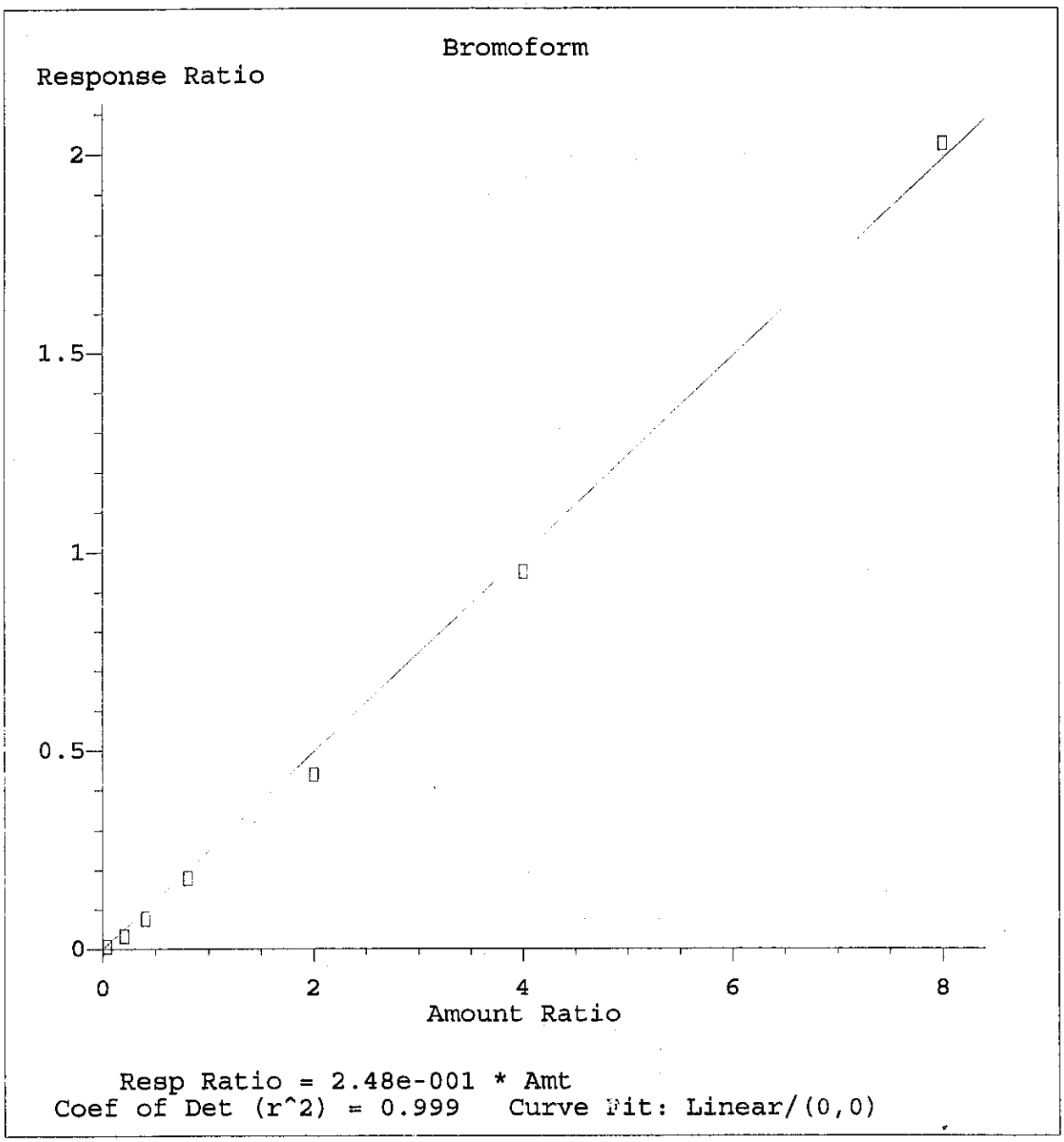
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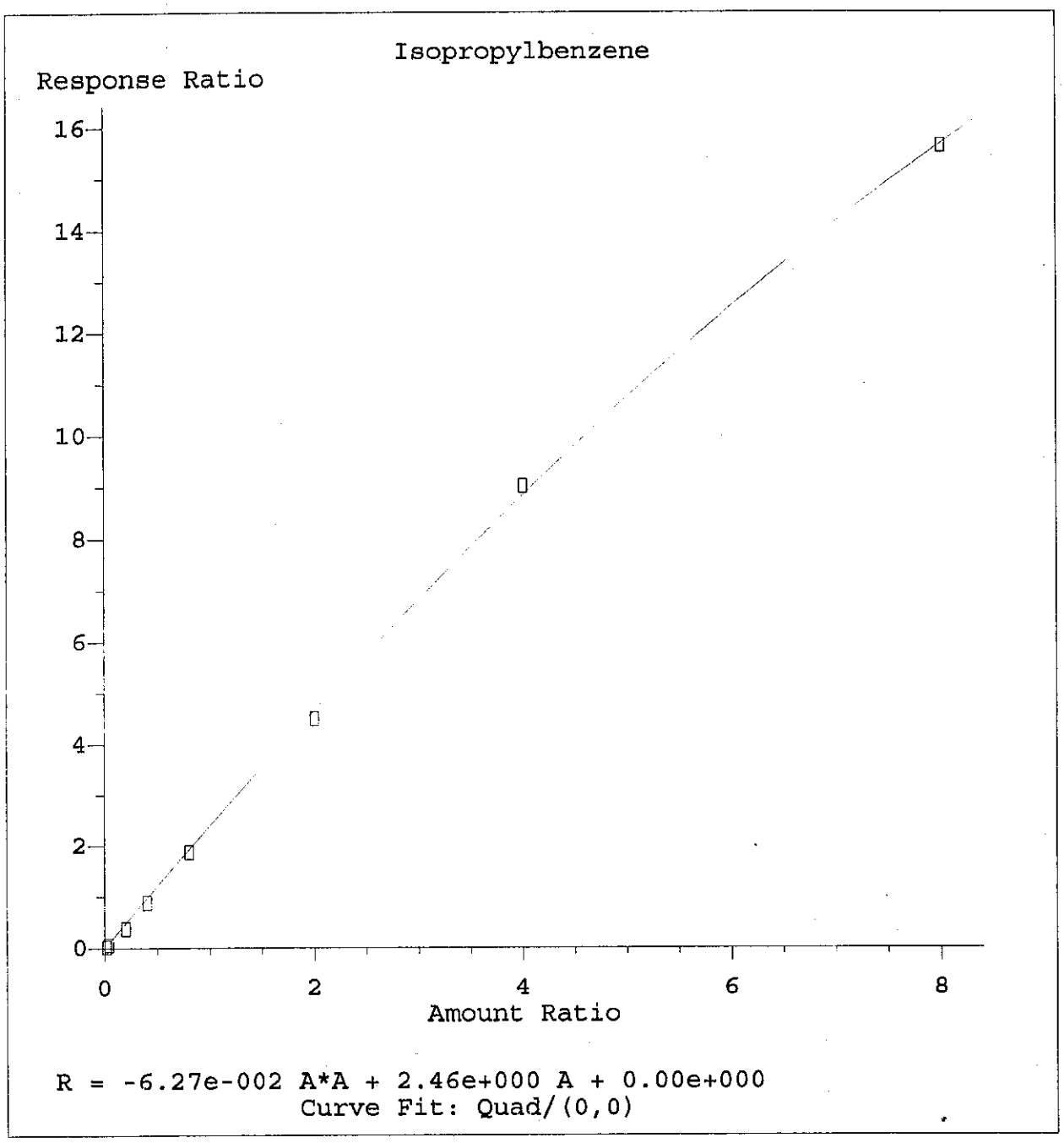
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Calibration Table Last Updated: Tue Jun 20 16:20:15 2000



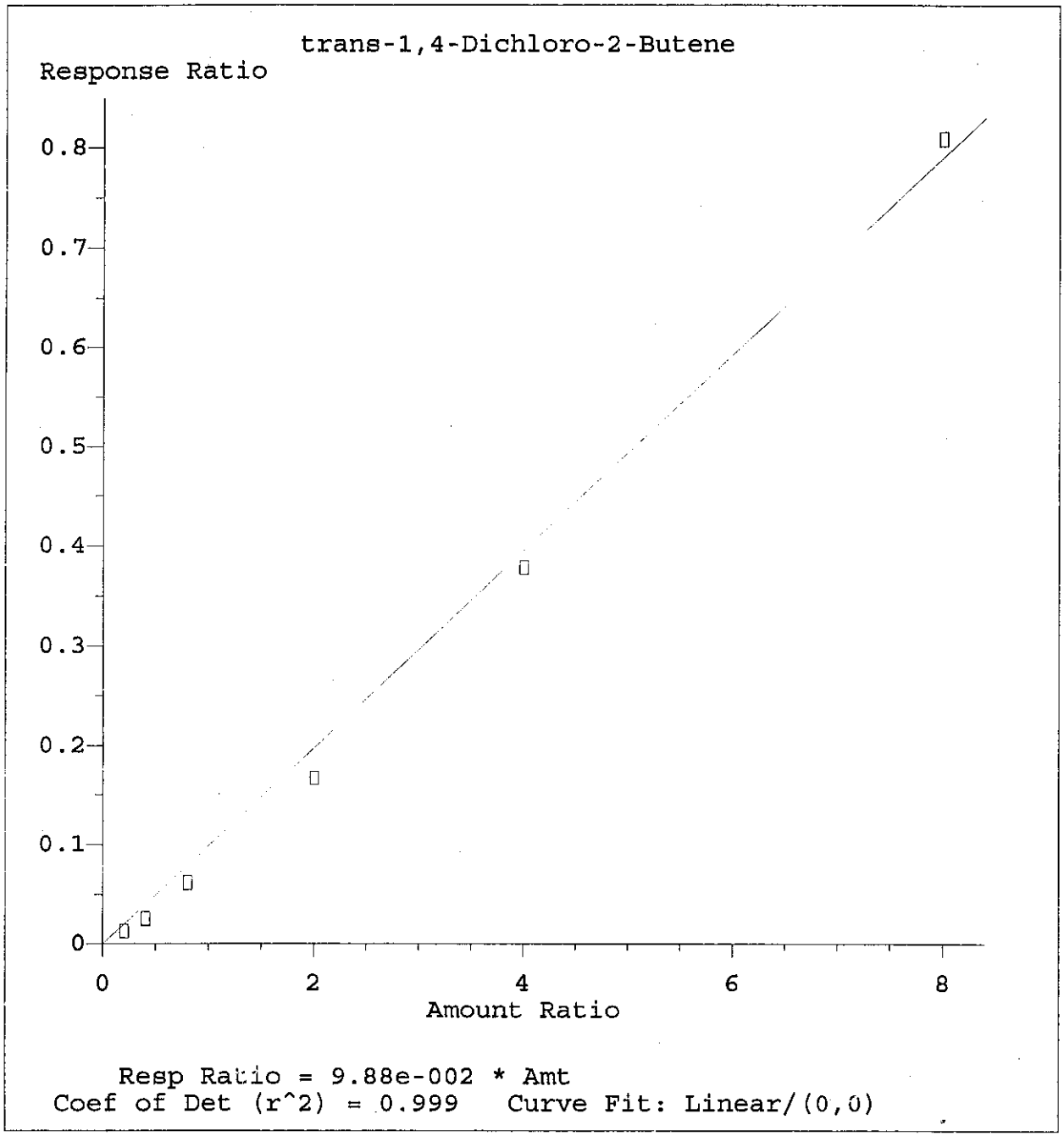
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Calibration Table Last Updated: Tue Jun 20 16:20:42 2000



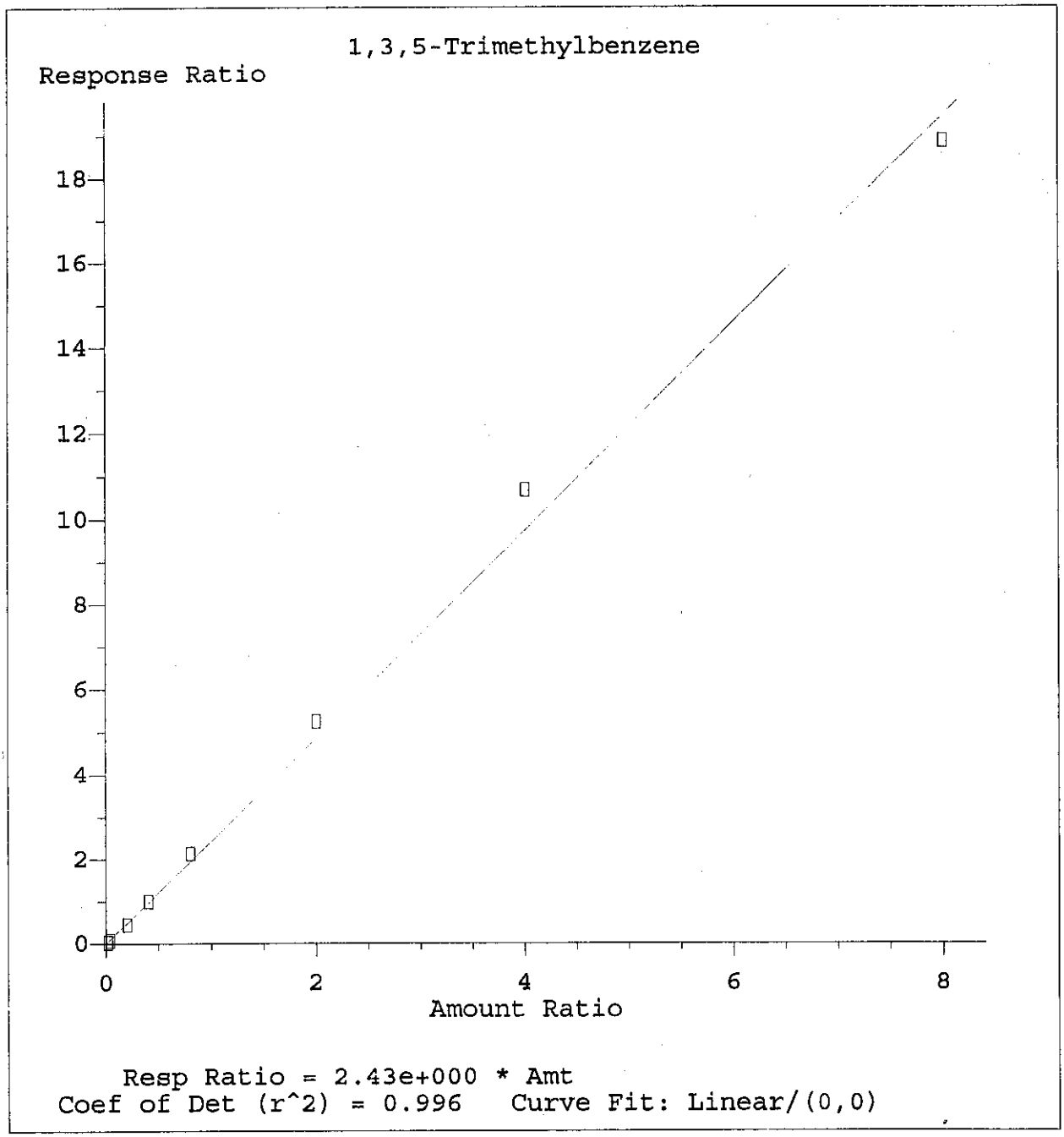
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Calibration Table Last Updated: Tue Jun 20 16:22:21 2000



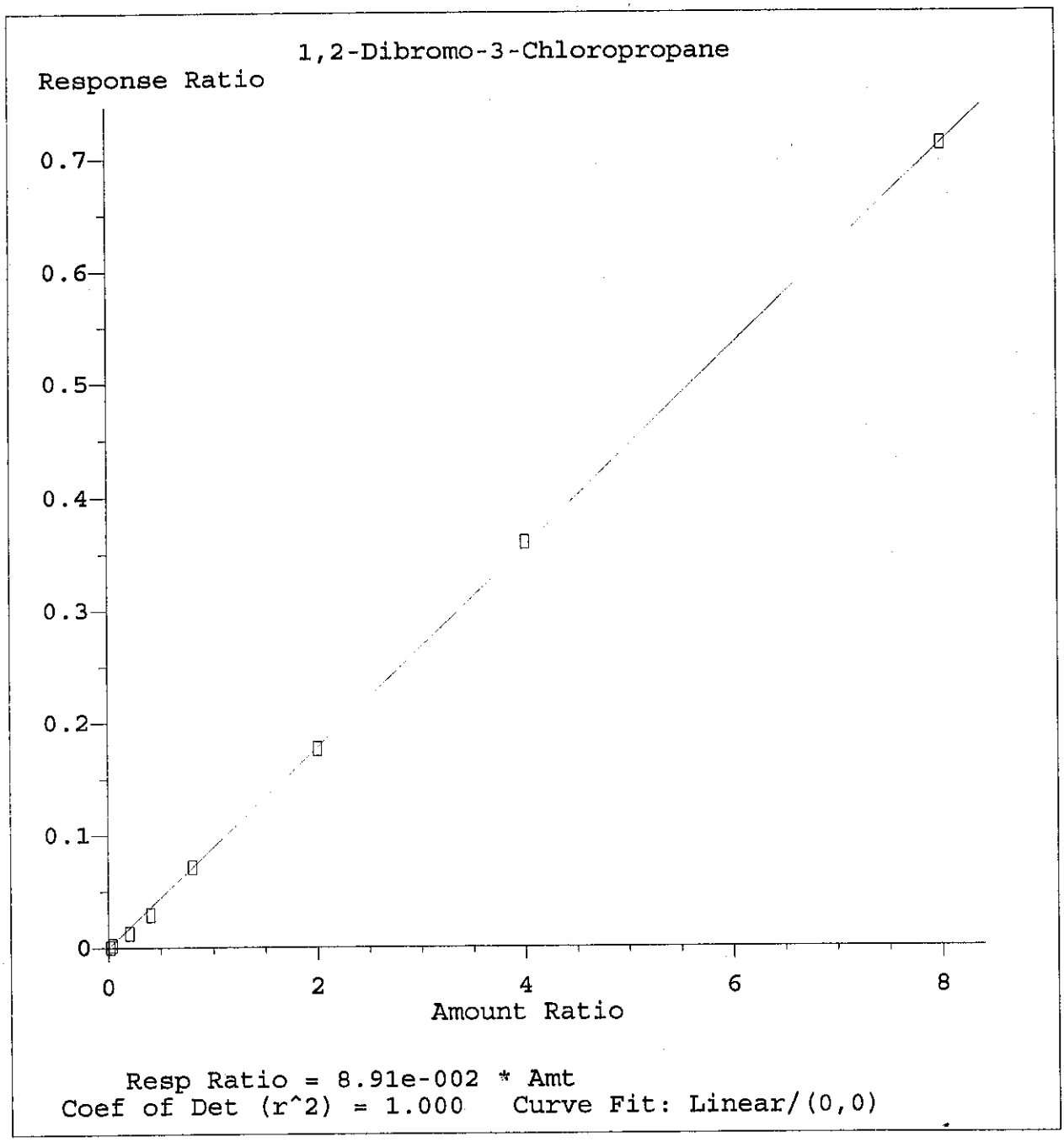
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Calibration Table Last Updated: Tue Jun 20 16:22:51 2000



Method Name: C:\HPCHEM\1\METHODS\8260WTR.M
Calibration Table Last Updated: Tue Jun 20 16:24:10 2000



Method Name: C:\HPCHEM\1\METHODS\8260WTR.M
Calibration Table Last Updated: Tue Jun 20 16:24:48 2000

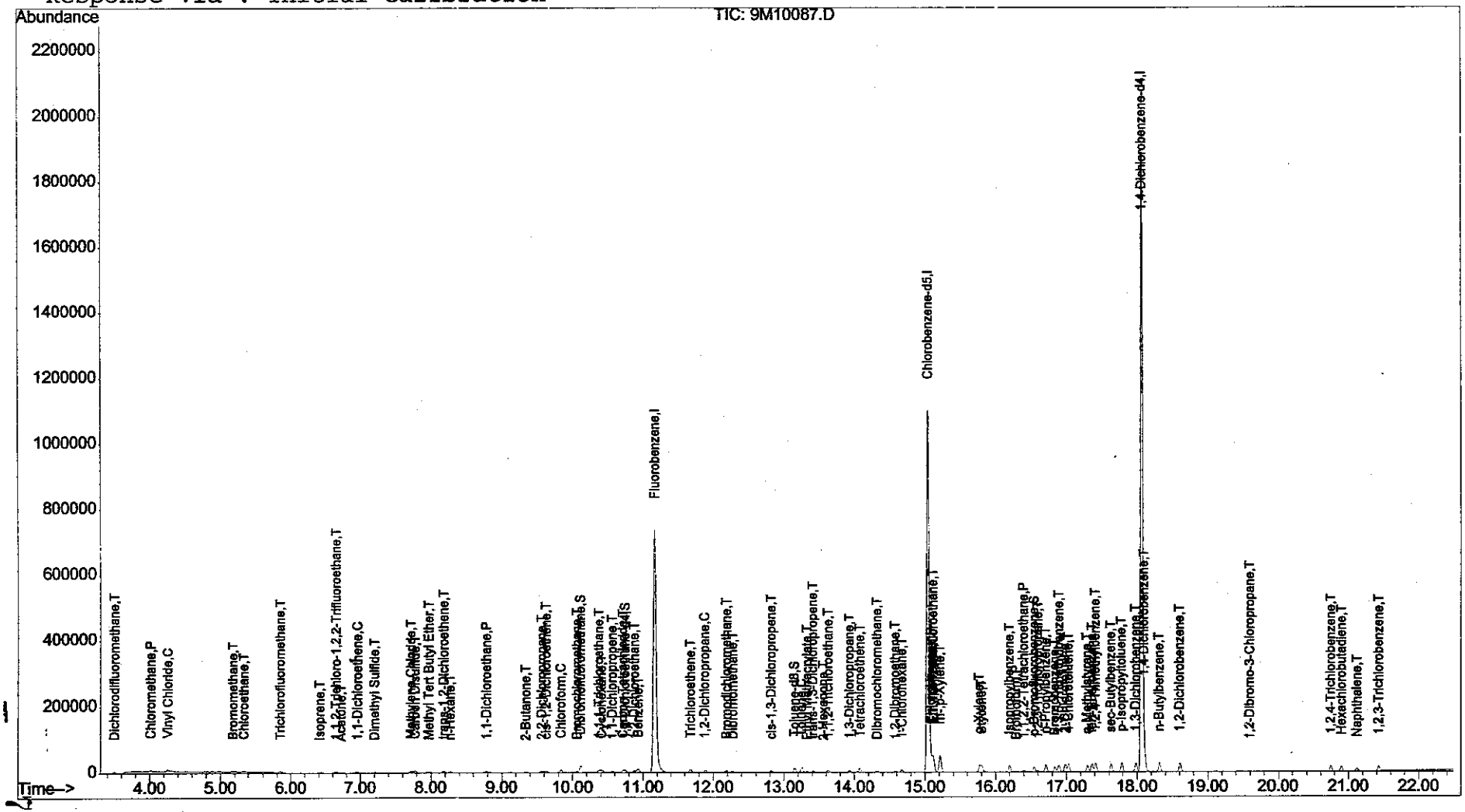


Method Name: C:\HPCHEM\1\METHODS\8260WTR.M
Calibration Table Last Updated: Tue Jun 20 16:26:04 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	923548	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.05	117	821263	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	662066	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	4921	0.39	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 1.56%#			
33) 1,2-Dichloroethane-d4	10.76	65	6435	0.43	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 1.72%#			
45) Toluene-d8	13.15	98	12974	0.37	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 1.48%#			
66) p-Bromofluorobenzene	16.54	95	7698	0.35	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 1.40%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	7552	0.45	ug/L #	89
3) Chloromethane	4.02	50	7024m	0.41	ug/L	
4) Vinyl Chloride	4.26	62	7610	0.54	ug/L	99
5) Bromomethane	5.17	94	3354	0.42	ug/L	94
6) Chloroethane	5.33	64	6592	0.77	ug/L	99
7) Trichlorofluoromethane	5.85	101	12639m	0.49	ug/L	
8) Isoprene	6.41	67	3597m	0.33	ug/L	
10) 1,1,2-Trichloro-1,2,2-Trif	6.65	101	5109m	0.46	ug/L	
11) Acetone	6.72	43	1945m	0.68	ug/L	
12) 1,1-Dichloroethene	6.96	96	3183	0.39	ug/L	98
13) Dimethyl Sulfide	7.20	62	2037	0.21	ug/L #	76
15) Methylene Chloride	7.72	84	5195	0.56	ug/L #	40
16) Carbon Disulfide	7.78	76	15239	0.54	ug/L #	93
18) Methyl Tert Butyl Ether	7.98	73	8326	0.35	ug/L #	63
19) trans-1,2-Dichloroethene	8.18	96	4062	0.44	ug/L	87
20) n-Hexane	8.26	57	2501	0.17	ug/L #	76
22) 1,1-Dichloroethane	8.79	63	7740m	0.38	ug/L	
23) 2-Butanone	9.34	43	1429	0.38	ug/L #	61
24) 2,2-Dichloropropane	9.57	77	6686	0.32	ug/L #	88
25) cis-1,2-Dichloroethene	9.63	96	3909	0.38	ug/L #	68
26) Chloroform	9.84	83	10180	0.47	ug/L	96
27) Bromochloromethane	10.07	128	1856	0.36	ug/L #	59
29) 1,1,1-Trichloroethane	10.37	97	9833m	0.43	ug/L	
30) Cyclohexane	10.42	56	3889m	0.22	ug/L	
31) 1,1-Dichloropropene	10.57	75	4090	0.33	ug/L #	53
32) Carbon Tetrachloride	10.71	117	7568	0.37	ug/L	97
34) 1,2-Dichloroethane	10.88	62	7413	0.37	ug/L #	72

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000

Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
35)	Benzene	10.94	78	16351	0.45	ug/L		99
36)	Trichloroethene	11.69	130	4354	0.37	ug/L	#	78
37)	1,2-Dichloropropane	11.88	63	2977	0.34	ug/L	#	49
38)	Bromodichloromethane	12.19	83	6108	0.40	ug/L	#	96
39)	Dibromomethane	12.28	93	2129	0.40	ug/L		90
42)	cis-1,3-Dichloropropene	12.82	75	4407	0.32	ug/L	#	81
46)	Toluene	13.25	91	15820	0.40	ug/L		93
47)	Ethyl Methacrylate	13.33	69	2163	0.25	ug/L	#	78
48)	trans-1,3-Dichloropropene	13.41	75	4698	0.35	ug/L	#	78
49)	1,1,2-Trichloroethane	13.63	97	2816	0.44	ug/L		88
50)	2-Hexanone	13.56	43	619	0.12	ug/L	#	1
51)	1,3-Dichloropropane	13.93	76	5381	0.46	ug/L	#	64
52)	Tetrachloroethene	14.08	164	3964	0.43	ug/L		99
53)	Dibromochloromethane	14.32	129	3712	0.35	ug/L		88
54)	1,2-Dibromoethane	14.59	107	2655	0.38	ug/L		94
55)	1-Chlorohexane	14.68	91	3511	0.24	ug/L		84
56)	Chlorobenzene	15.10	112	15758	0.44	ug/L		99
57)	1,1,1,2-Tetrachloroethane	15.12	131	4611	0.34	ug/L		89
58)	Ethylbenzene	15.12	106	7492	0.39	ug/L		70
59)	m-,p-Xylene	15.21	106	20665	0.82	ug/L		88
60)	o-Xylene	15.77	106	7488	0.31	ug/L		78
61)	Styrene	15.81	104	12655	0.30	ug/L		88
62)	Bromoform	16.30	173	2200	0.26	ug/L	#	79
63)	Isopropylbenzene	16.20	105	19345	0.29	ug/L		100
65)	1,1,2,2-Tetrachloroethane	16.41	83	3789	0.36	ug/L	#	75
67)	1,2,3-Trichloropropane	16.60	110	1341	0.30	ug/L	#	71
69)	n-Propylbenzene	16.71	91	25686	0.34	ug/L		93
70)	Bromobenzene	16.84	156	6320	0.33	ug/L	#	76
71)	1,3,5-Trimethylbenzene	16.90	105	19582	0.29	ug/L		91
72)	2-Chlorotoluene	16.98	91	18286	0.33	ug/L		93
73)	4-Chlorotoluene	17.03	91	19062	0.34	ug/L		97
74)	a-Methylstyrene	17.29	118	8795	0.23	ug/L		91
75)	tert-Butylbenzene	17.36	119	20152	0.35	ug/L	#	82
76)	1,2,4-Trimethylbenzene	17.41	105	23825	0.33	ug/L		95
77)	sec-Butylbenzene	17.64	105	24177	0.30	ug/L		99
78)	p-Isopropyltoluene	17.79	119	22044	0.29	ug/L		100
79)	1,3-Dichlorobenzene	17.99	146	15464	0.37	ug/L		90
80)	1,4-Dichlorobenzene	18.11	146	18450	0.42	ug/L		90
81)	n-Butylbenzene	18.31	91	22219	0.35	ug/L	#	92
82)	1,2-Dichlorobenzene	18.61	146	14271	0.38	ug/L		91
83)	1,2-Dibromo-3-Chloropropan	19.60	157	337	0.13	ug/L	#	21

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

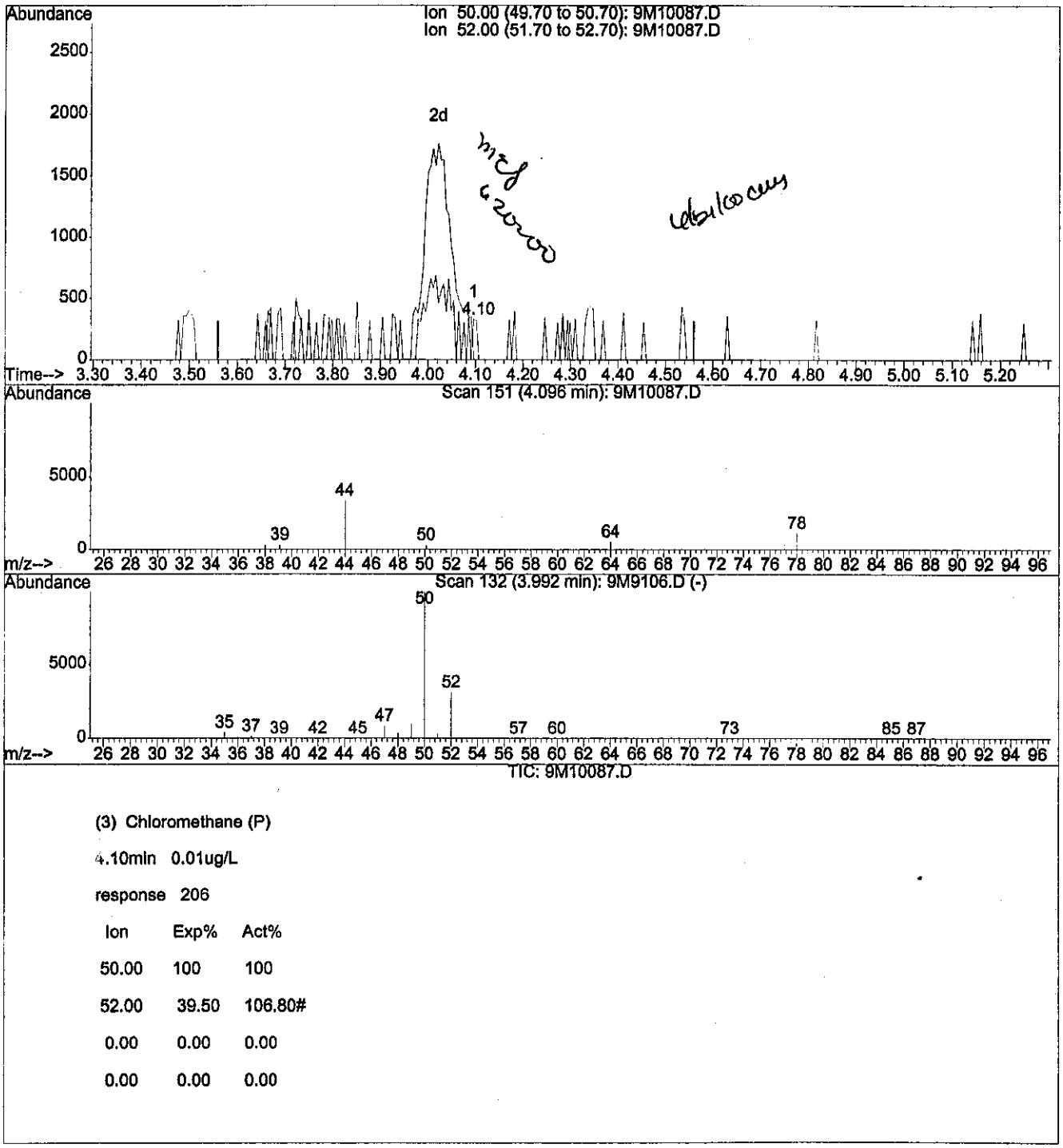
Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84) 1,2,4-Trichlorobenzene	20.75	180	8743	0.33	ug/L	97
85) Hexachlorobutadiene	20.90	225	4706	0.39	ug/L	95
86) Naphthalene	21.13	128	10587	0.26	ug/L	99
87) 1,2,3-Trichlorobenzene	21.43	180	6810	0.30	ug/L	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 11:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(3) Chloromethane (P)

4.10min 0.01ug/L

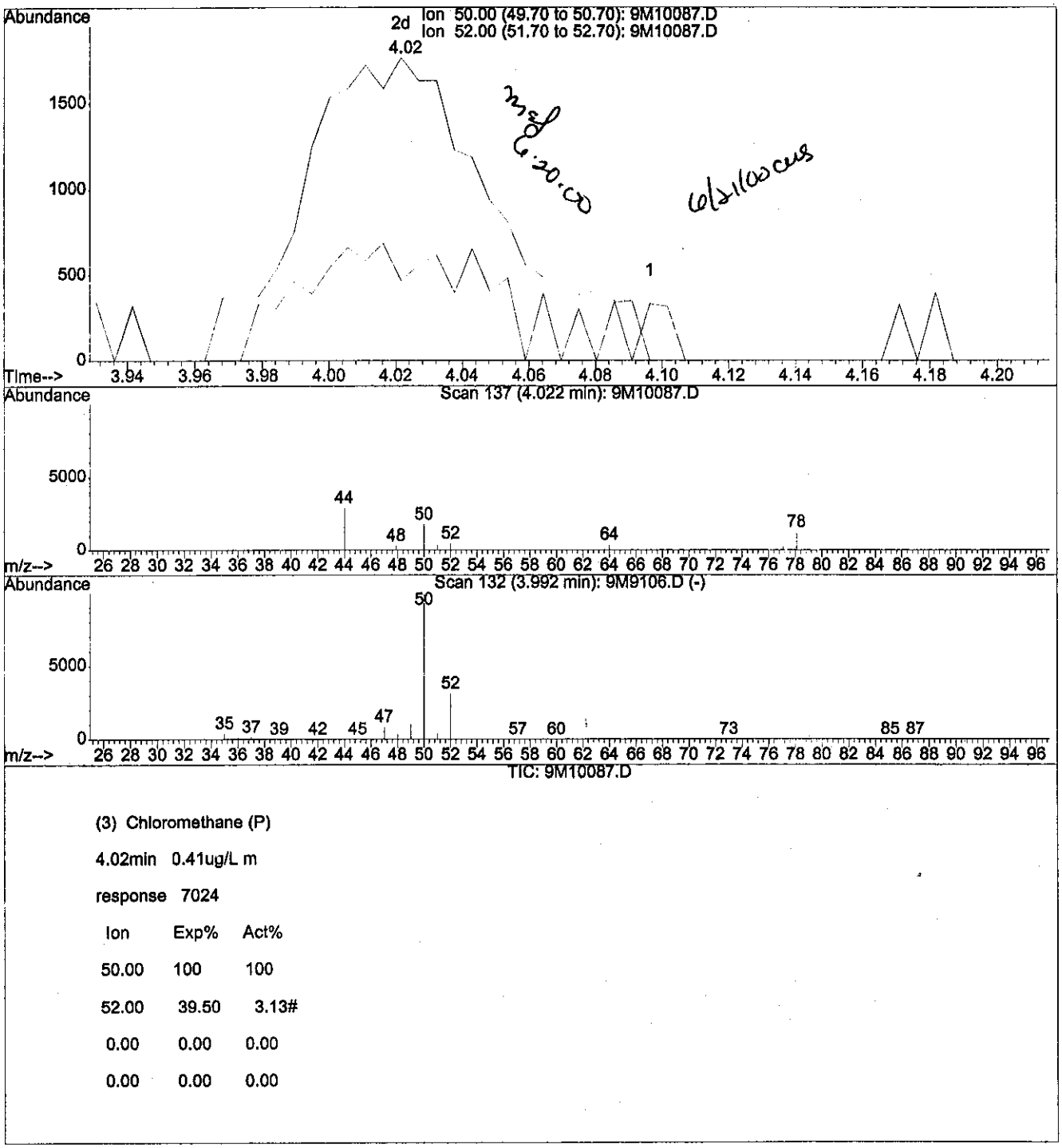
response 206

Ion	Exp%	Act%
50.00	100	100
52.00	39.50	106.80#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:57 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(3) Chloromethane (P)

4.02min 0.41ug/L m

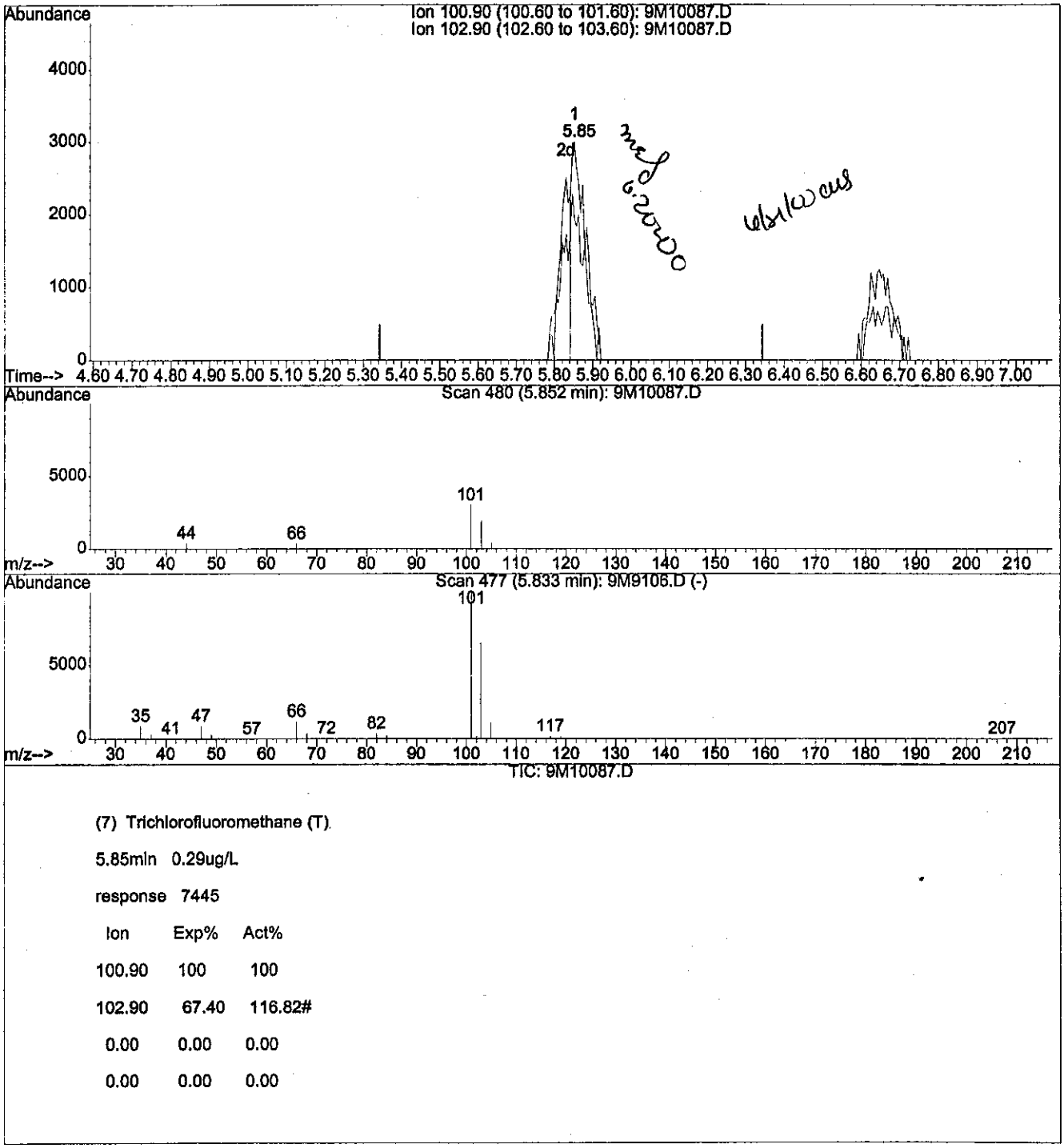
response 7024

Ion	Exp%	Act%
50.00	100	100
52.00	39.50	3.13#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:57 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(7) Trichlorofluoromethane (T)

5.85min 0.29ug/L

response 7445

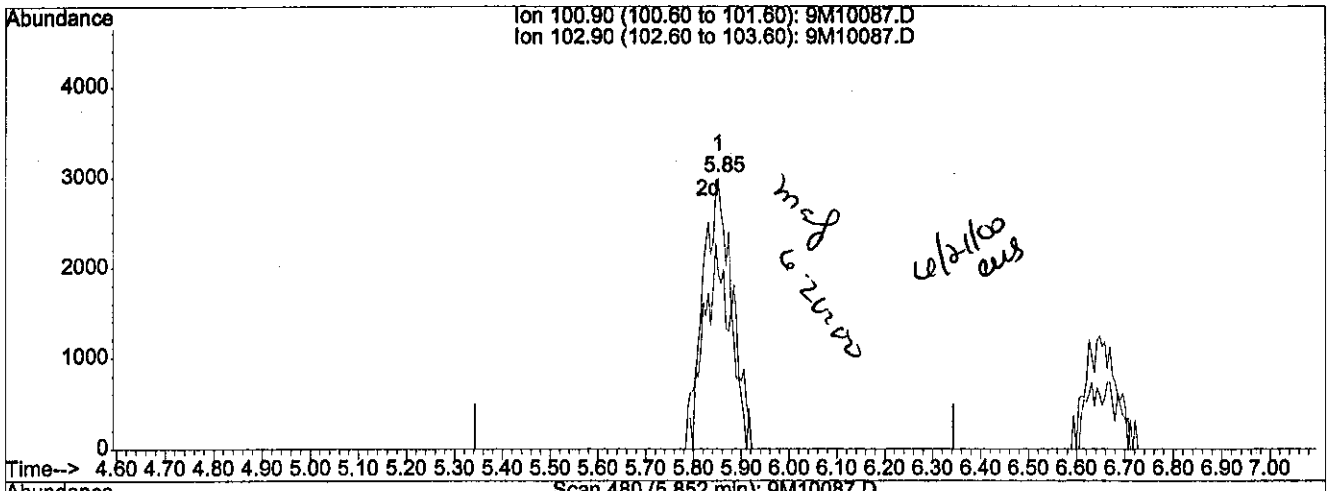
Ion	Exp%	Act%
100.90	100	100
102.90	67.40	116.82#
0.00	0.00	0.00
0.00	0.00	0.00

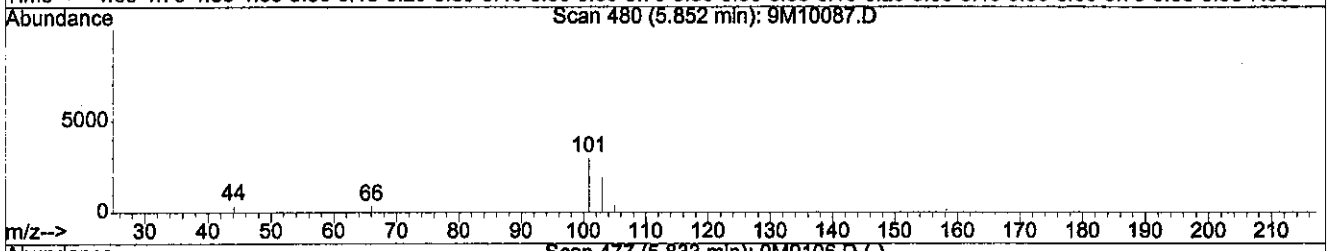
9M10087.D 8260WT.M Tue Jun 20 13:57:53 2000 HPMS_9

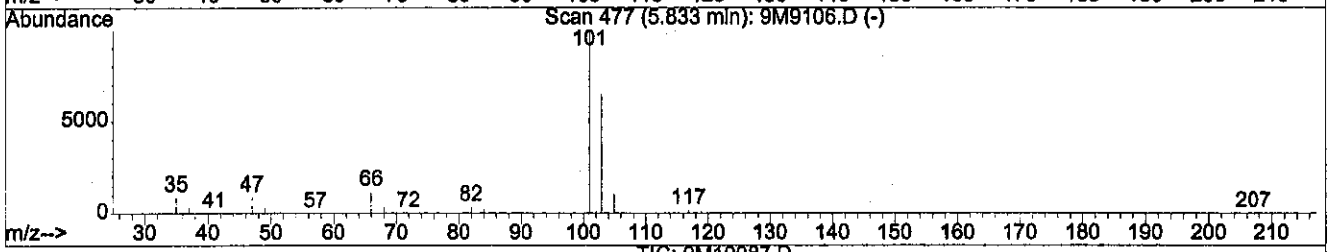
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:57 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(7) Trichlorofluoromethane (T)

5.85min 0.49ug/L m

response 12639

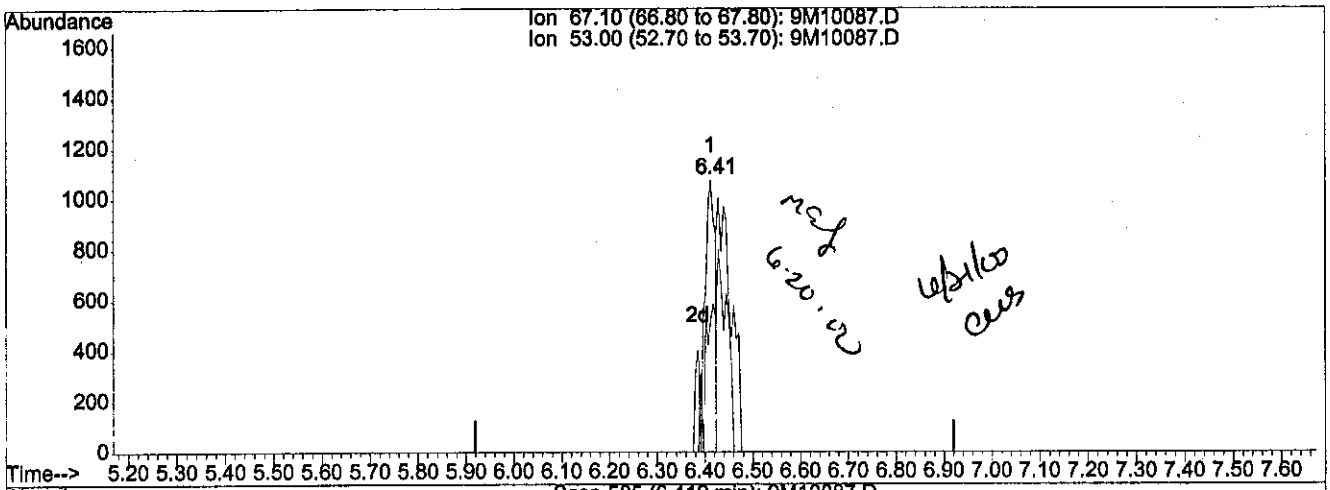
Ion	Exp%	Act%
100.90	100	100
102.90	67.40	68.81
0.00	0.00	0.00
0.00	0.00	0.00

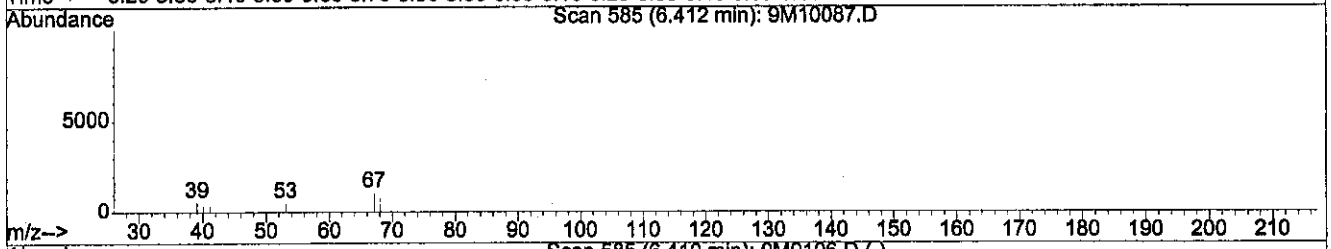
Quantitation Report (Qedit)

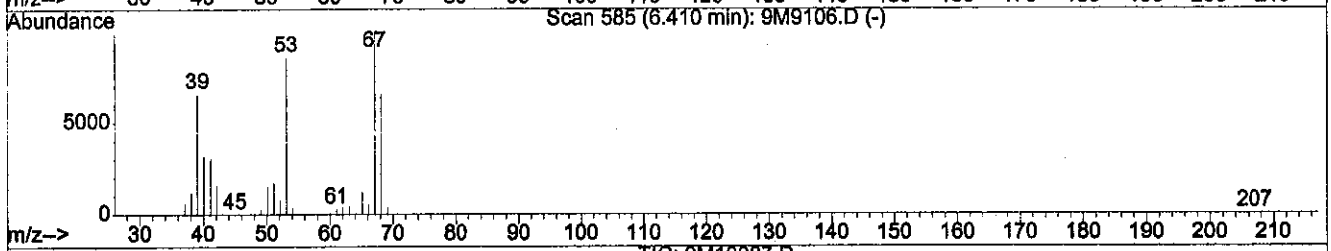
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:57 2000

Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(8) Isoprene (T)

6.41min 0.15ug/L

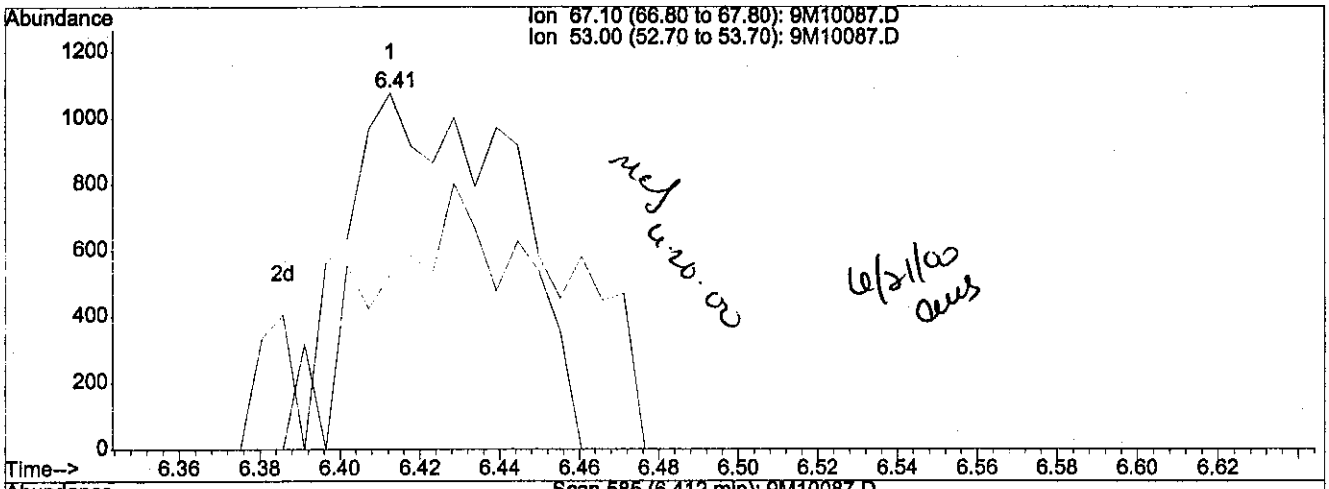
response 1606

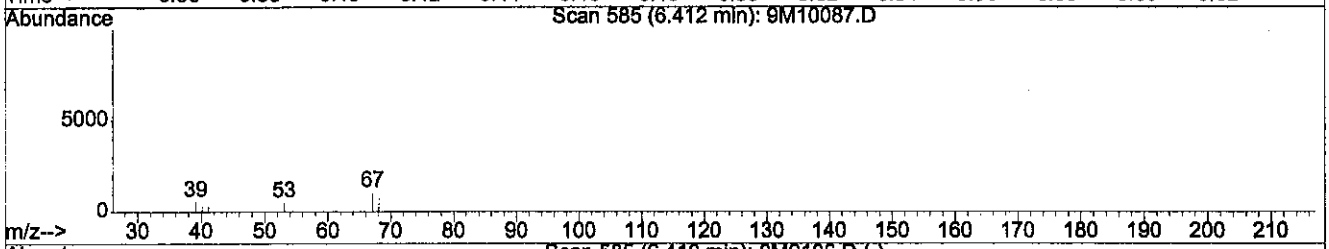
Ion	Exp%	Act%
67.10	100	100
53.00	82.70	127.58#
0.00	0.00	0.00
0.00	0.00	0.00

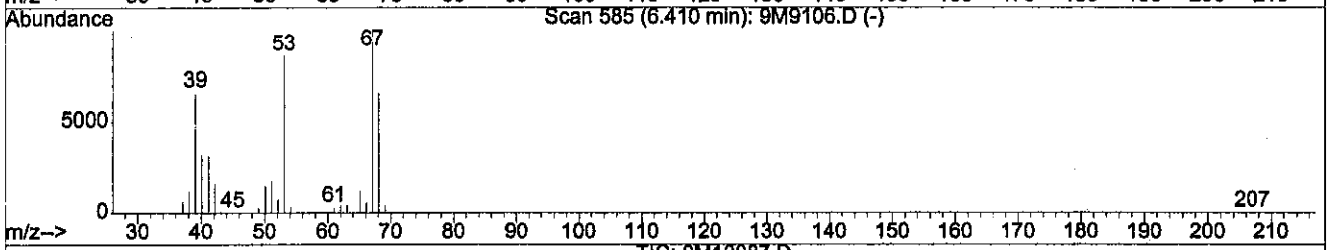
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(8) Isoprene (T)

6.41min 0.33ug/L m

response 3597

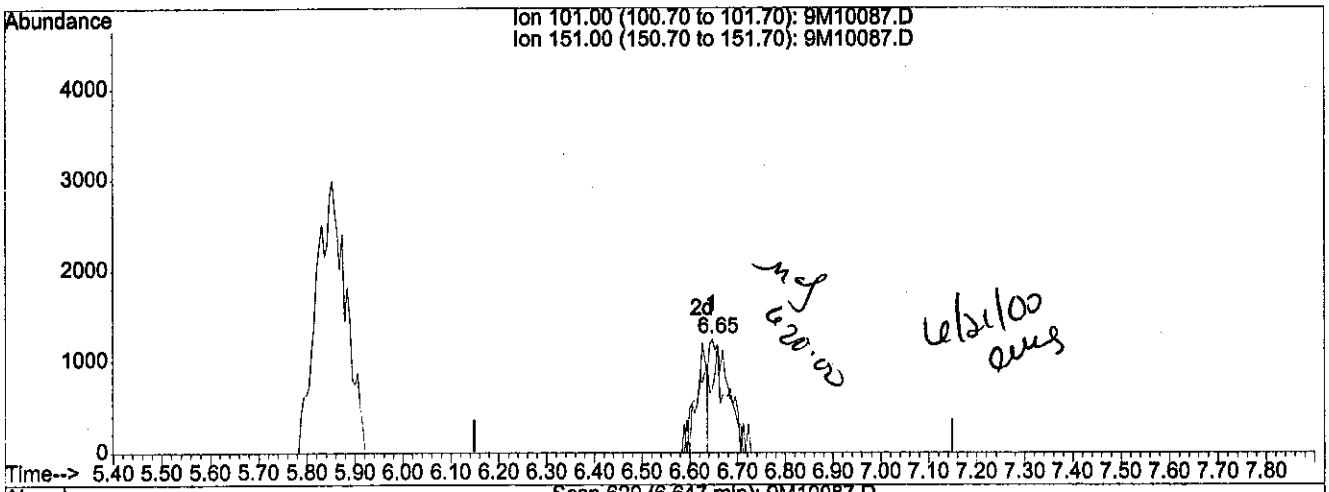
Ion	Exp%	Act%
67.10	100	100
53.00	82.70	56.96#
0.00	0.00	0.00
0.00	0.00	0.00

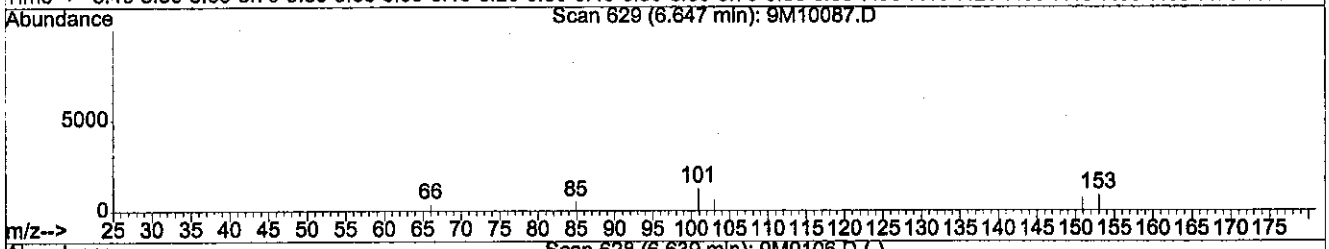
9M10087.D 8260WT.M Tue Jun 20 13:58:13 2000 HPMS_9

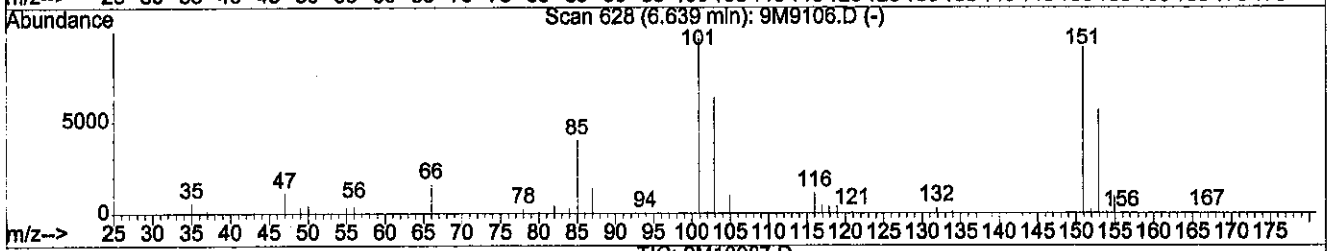
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.65min 0.30ug/L

response 3352

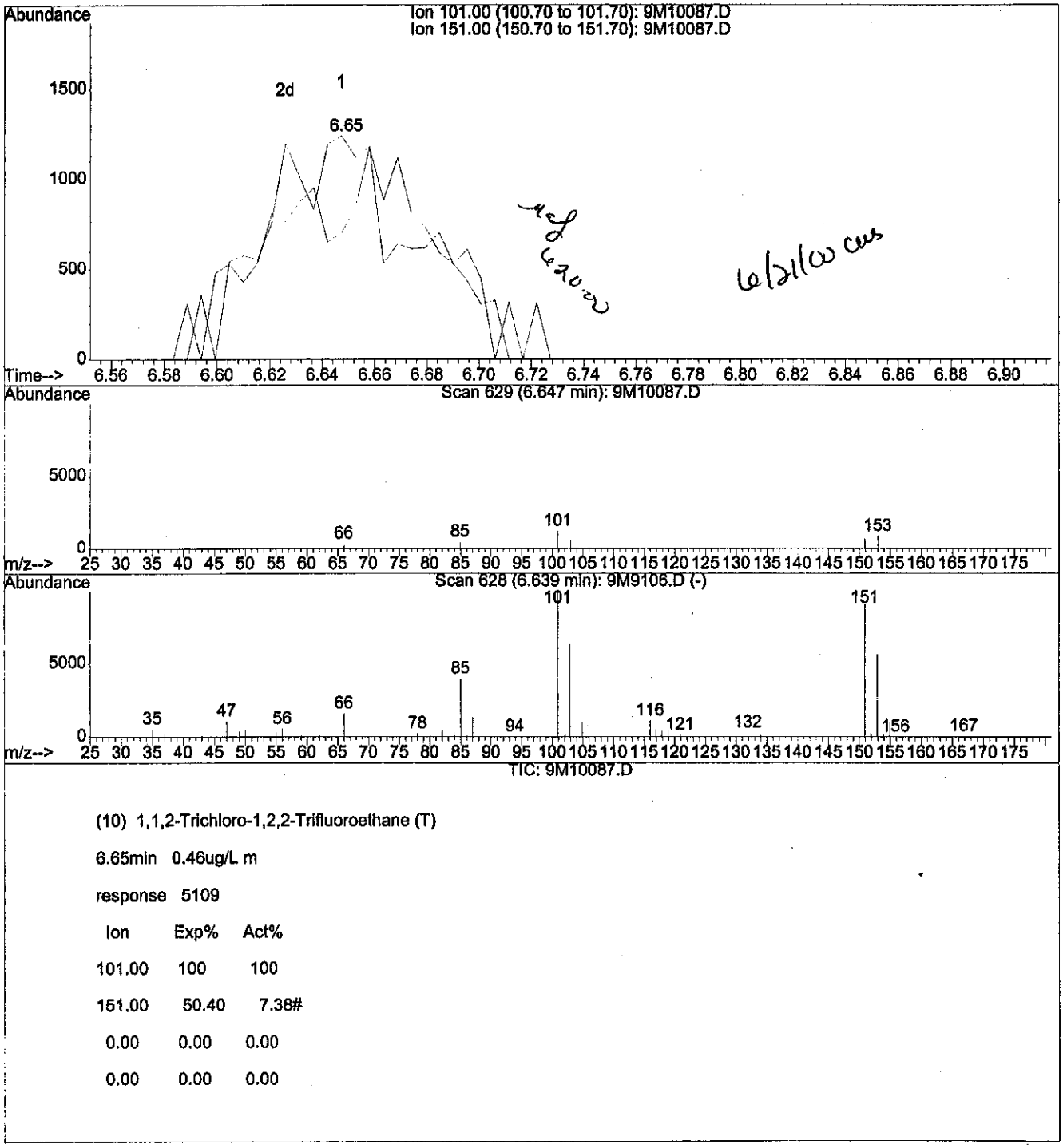
Ion	Exp%	Act%
101.00	100	100
151.00	50.40	11.25#
0.00	0.00	0.00
0.00	0.00	0.00

9M10087.D 8260WT.M Tue Jun 20 13:58:17 2000 HPMS_9

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



TIC: 9M10087.D

(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.65min 0.46ug/L m

response 5109

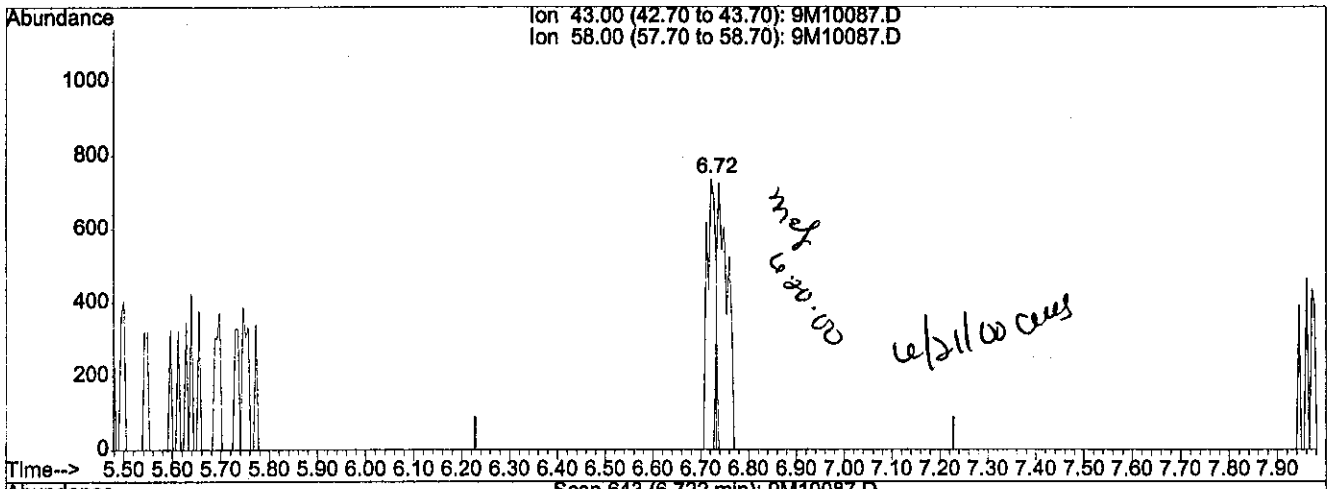
Ion	Exp%	Act%
101.00	100	100
151.00	50.40	7.38#
0.00	0.00	0.00
0.00	0.00	0.00

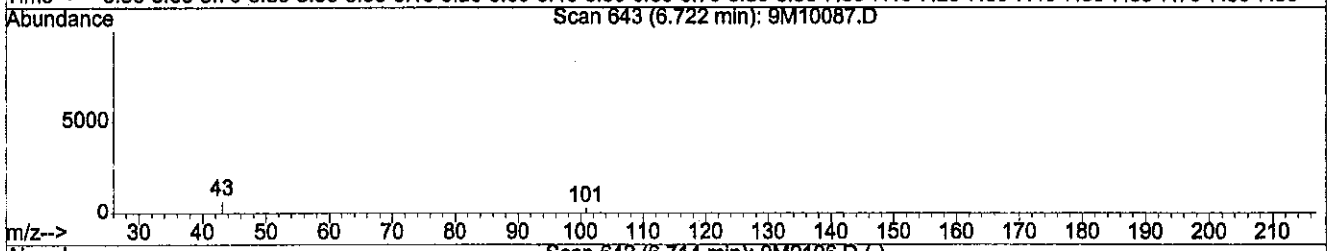
9M10087.D 8260WT.M Tue Jun 20 13:58:37 2000 HPMS_9

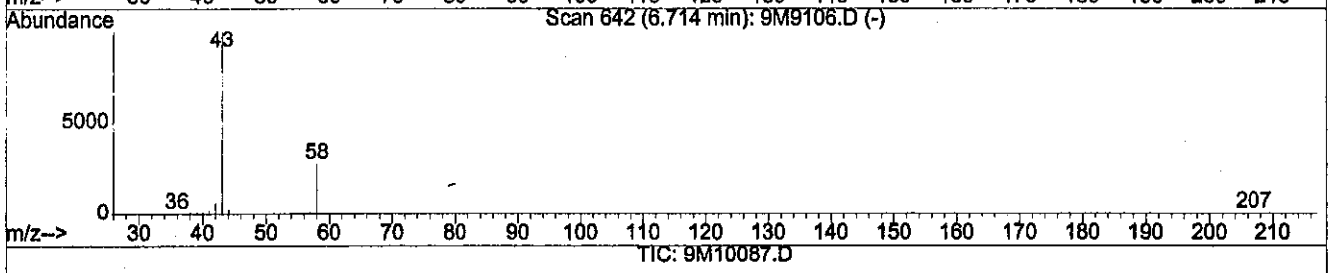
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Single Level Calibration







TIC: 9M10087.D

(11) Acetone (T)

6.72min 0.33ug/L

response 953

Ion	Exp%	Act%
43.00	100	100
58.00	25.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

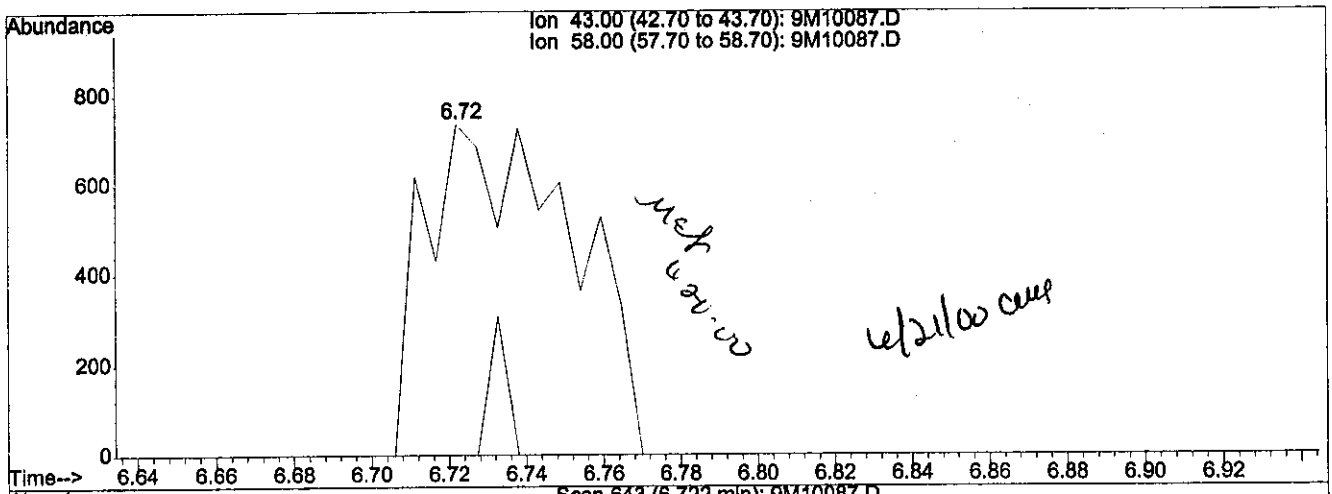
9M10087.D 8260WT.M Tue Jun 20 13:58:41 2000 HPMS_9

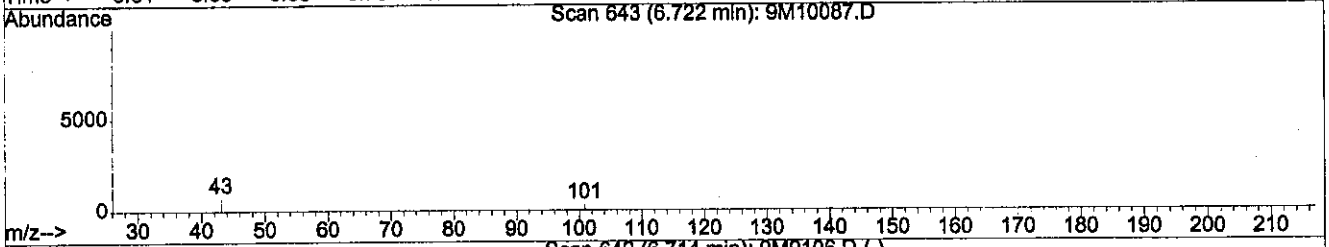
Quantitation Report (Qedit)

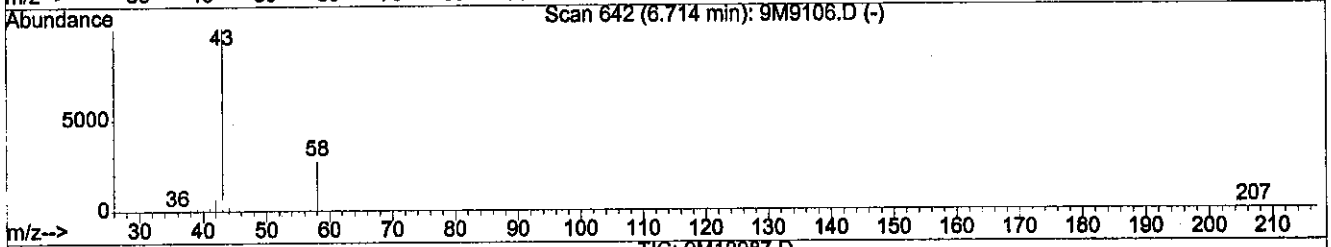
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000

Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Single Level Calibration







TIC: 9M10087.D

(11) Acetone (T)

6.72min 0.68ug/L m

response 1945

Ion	Exp%	Act%
43.00	100	100
58.00	25.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

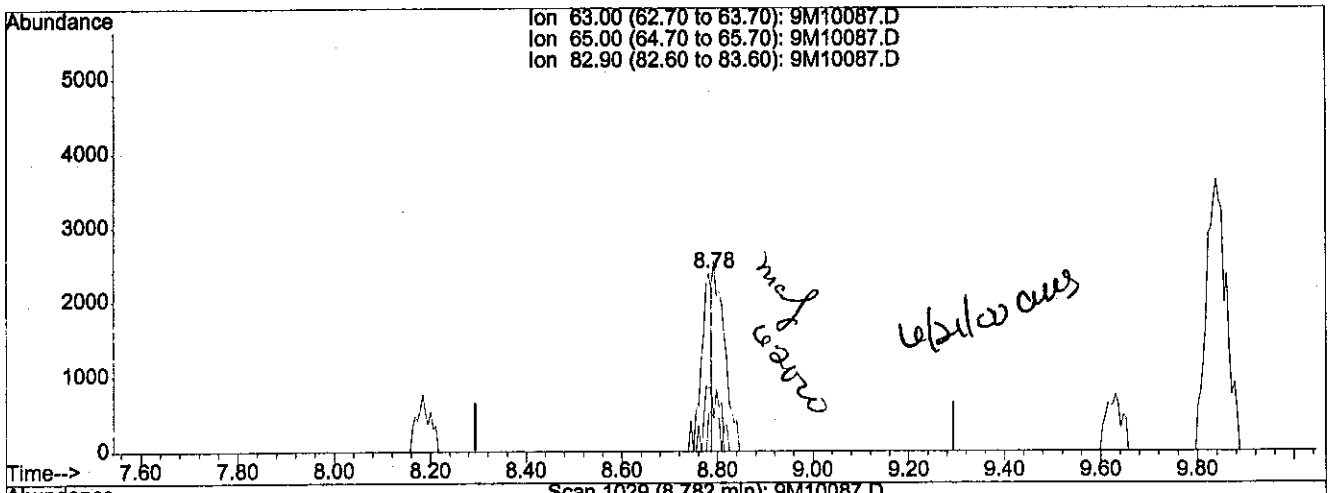
Quantitation Report (Qedit)

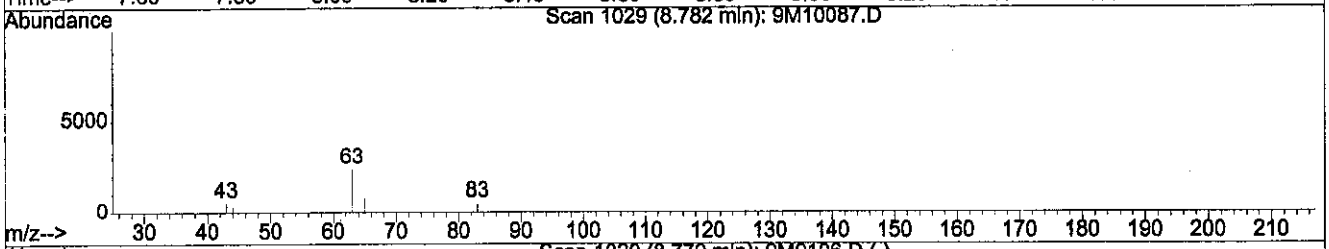
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:58 2000

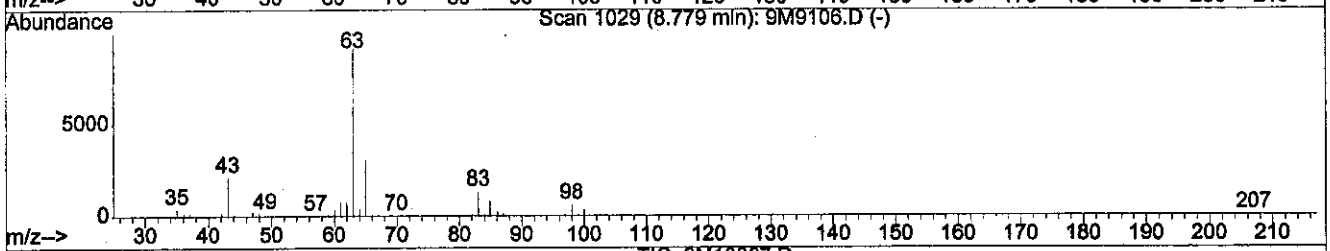
Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(22) 1,1-Dichloroethane (P)

8.78min 0.18ug/L

response 3561

Ion	Exp%	Act%
63.00	100	100
65.00	29.80	33.89
82.90	11.30	20.78#
0.00	0.00	0.00

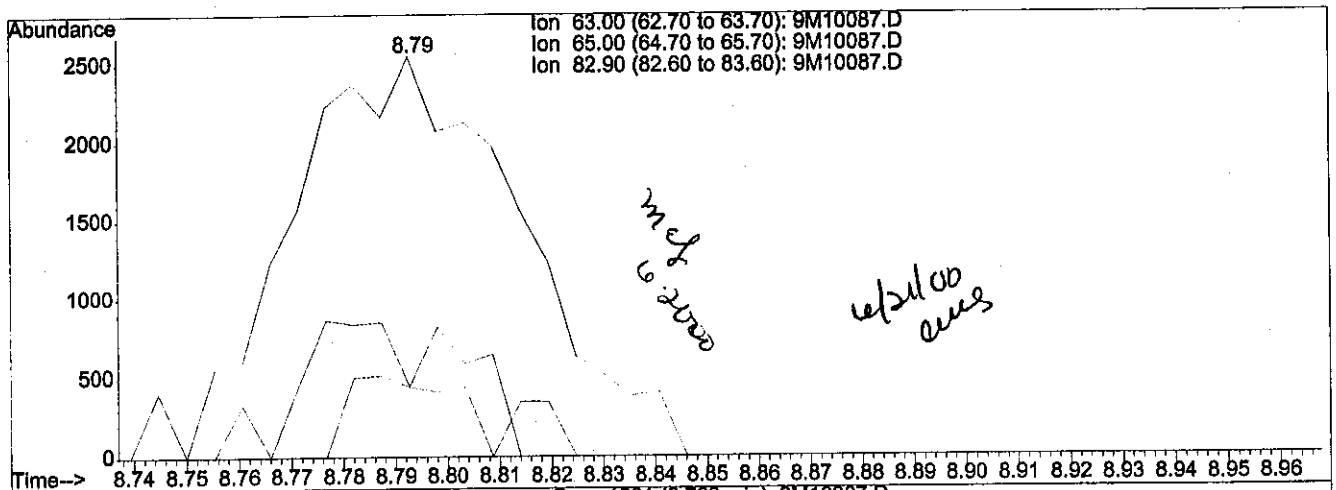
Quantitation Report (Qedit)

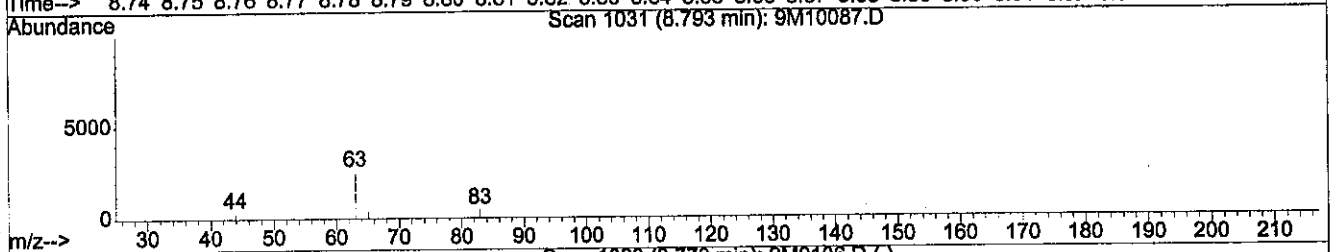
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000

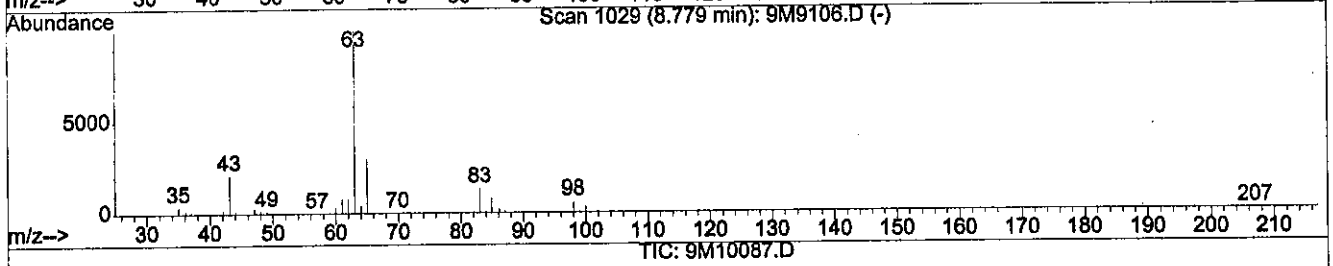
Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(22) 1,1-Dichloroethane (P)

8.79min 0.38ug/L m

response 7740

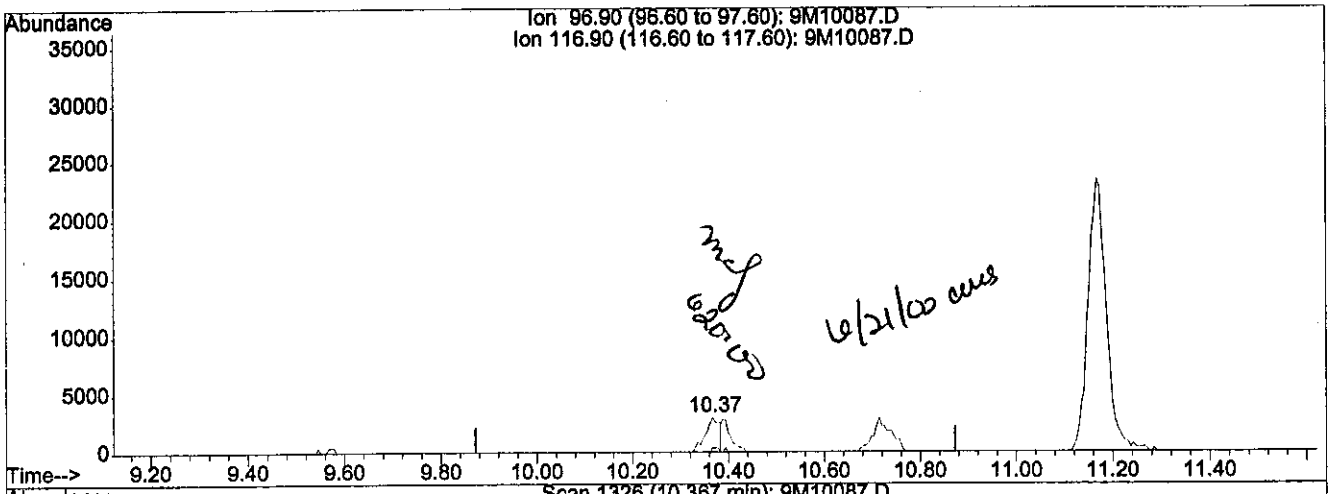
Ion	Exp%	Act%
63.00	100	100
65.00	29.80	15.59#
82.90	11.30	9.56
0.00	0.00	0.00

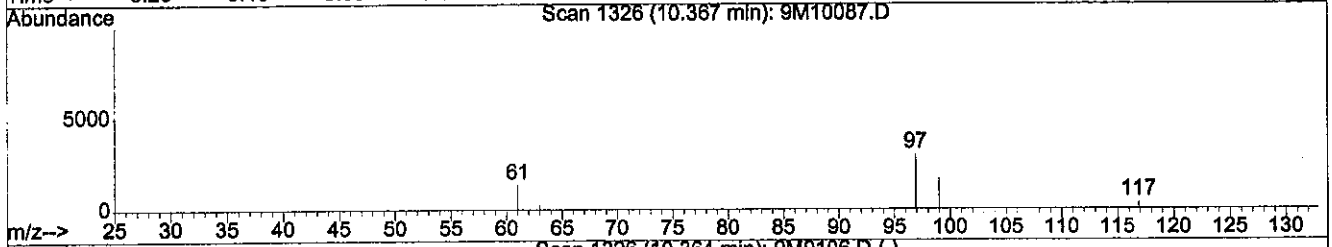
Quantitation Report (Qedit)

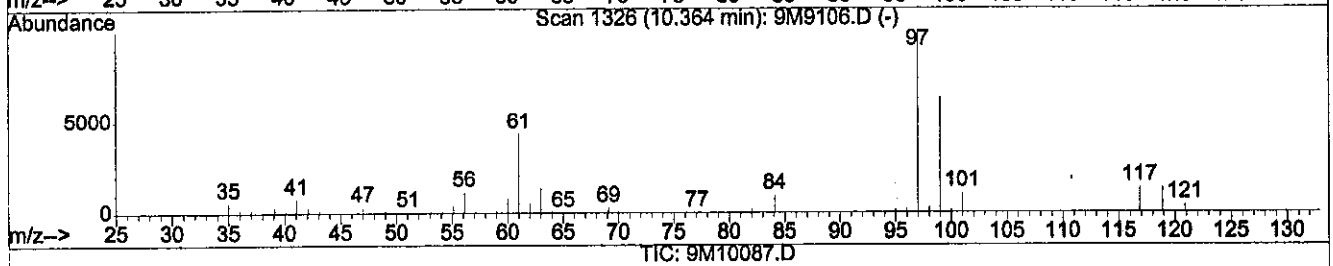
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000

Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(29) 1,1,1-Trichloroethane (T)

10.37min 0.27ug/L

response 6246

Ion	Exp%	Act%
96.90	100	100
116.90	11.30	5.62#
0.00	0.00	0.00
0.00	0.00	0.00

9M10087.D 8260WT.M Tue Jun 20 13:59:39 2000 HPMS_9

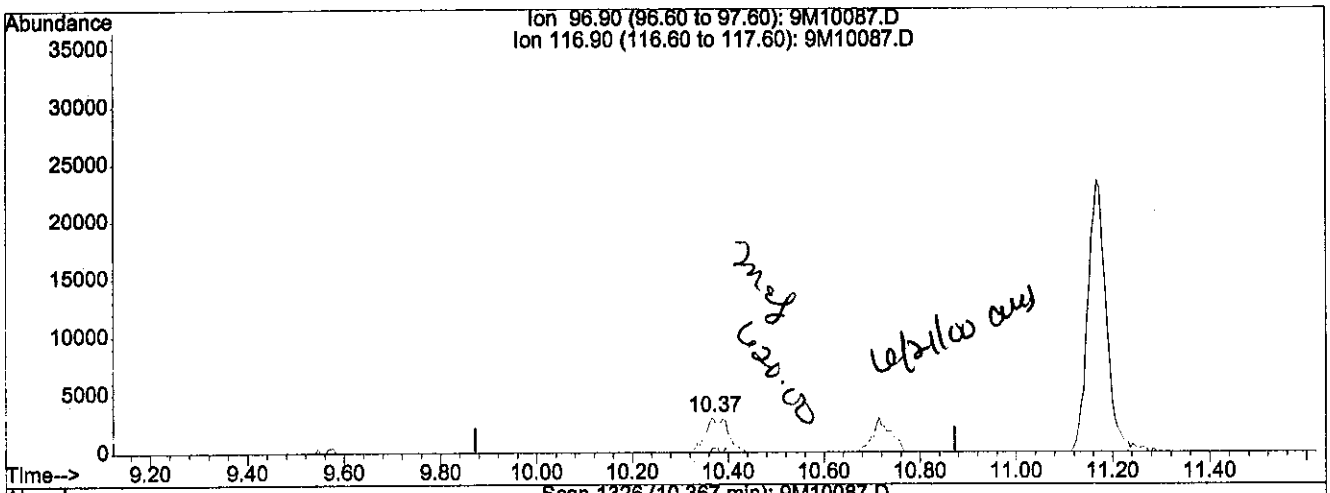
Quantitation Report (Qedit)

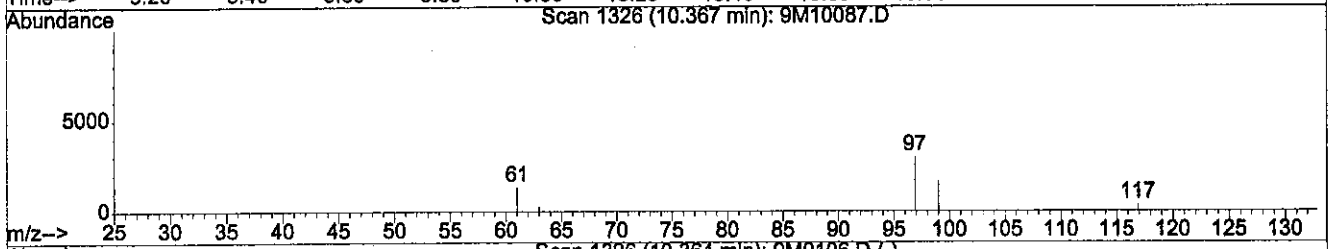
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000

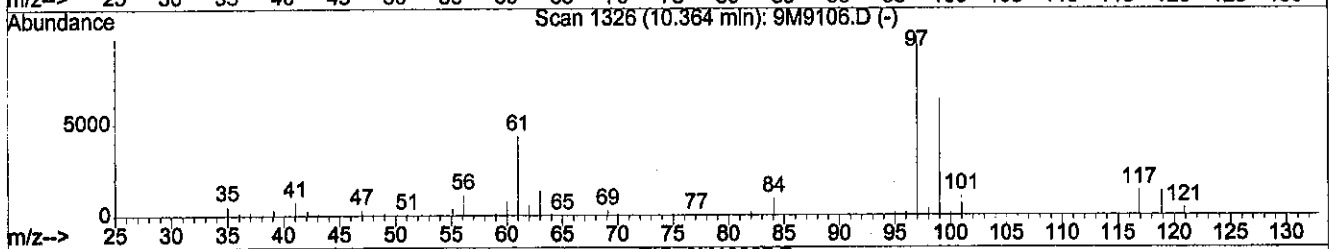
Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(29) 1,1,1-Trichloroethane (T)

10.37min 0.43ug/L m

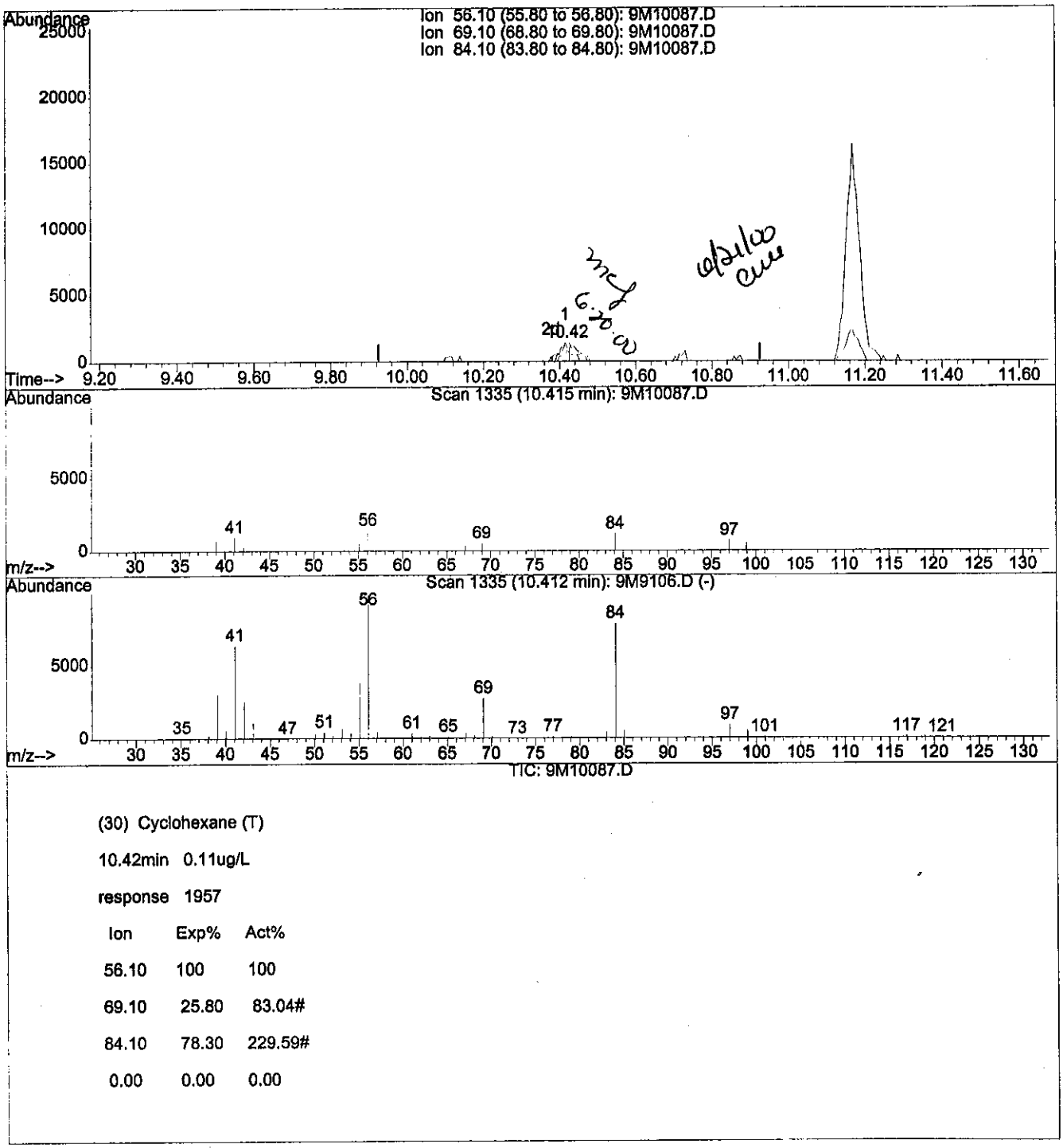
response 9833

Ion	Exp%	Act%
96.90	100	100
116.90	11.30	3.57#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10087.D Vial: 5
Acq On : 20 Jun 2000 11:35 Operator: MES
Sample : WG79282 0.5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(30) Cyclohexane (T)

10.42min 0.11ug/L

response 1957

Ion	Exp%	Act%
56.10	100	100
69.10	25.80	83.04#
84.10	78.30	229.59#
0.00	0.00	0.00

9M10087.D 8260WT.M Tue Jun 20 13:59:48 2000 HPMS_9

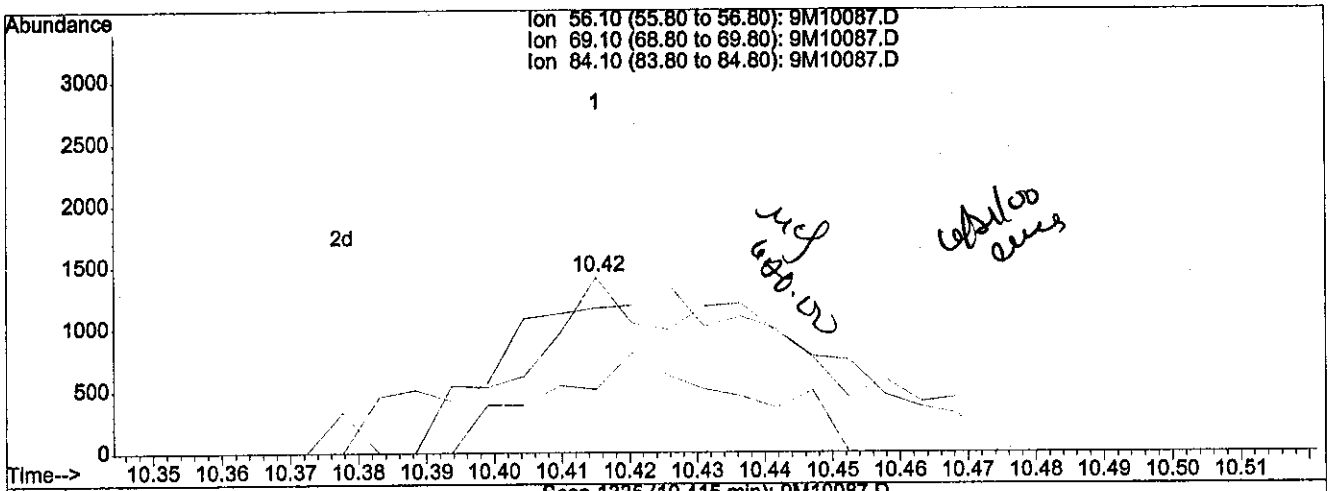
Quantitation Report (Qedit)

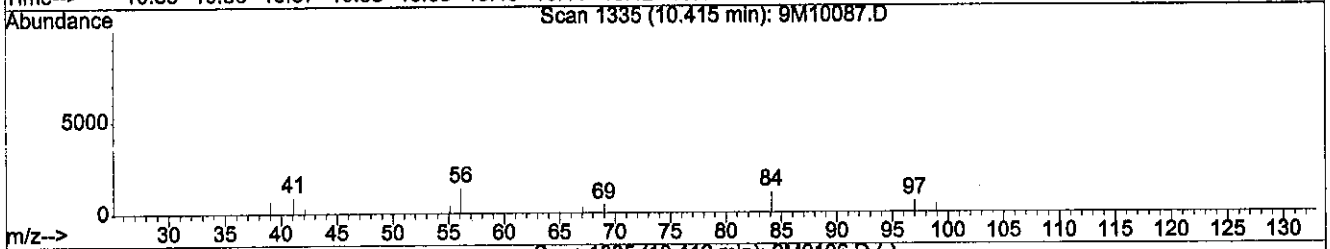
Data File : C:\HPCHEM\1\DATA\062000\9M10087.D
Acq On : 20 Jun 2000 11:35
Sample : WG79282 0.5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:59 2000

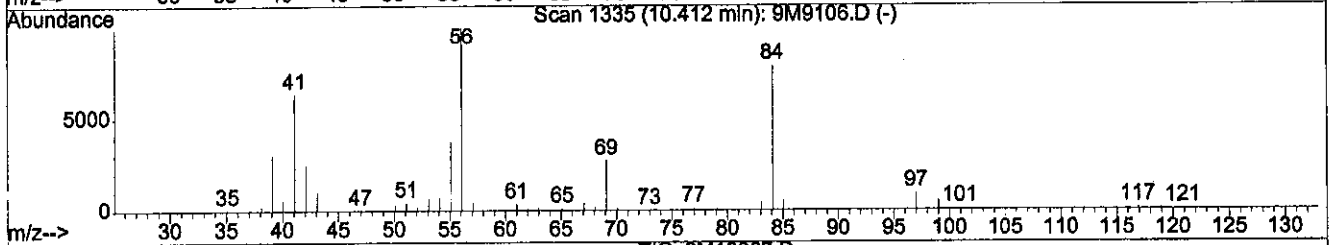
Vial: 5
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10087.D

(30) Cyclohexane (T)

10.42min 0.22ug/L m

response 3889

Ion	Exp%	Act%
56.10	100	100
69.10	25.80	41.78#
84.10	78.30	115.53#
0.00	0.00	0.00

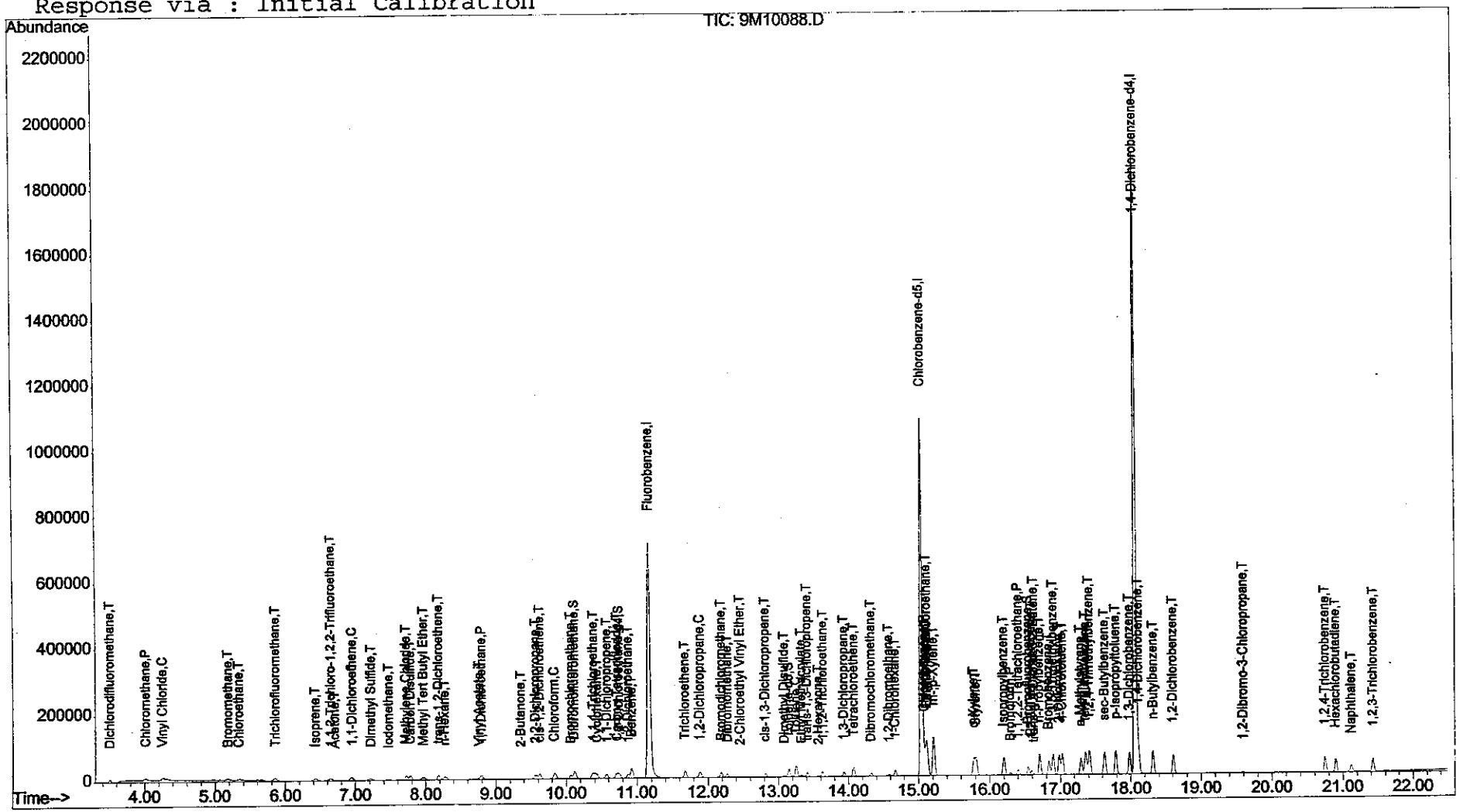
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D
Acq On : 20 Jun 2000 12:06
Sample : WG79282 1PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 14:07 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:07 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	908768	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.05	117	808719	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	661514	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	8280	0.67	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery =	2.68%#		
33) 1,2-Dichloroethane-d4	10.75	65	11392	0.77	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery =	3.08%#		
45) Toluene-d8	13.15	98	22026	0.63	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery =	2.52%#		
66) p-Bromofluorobenzene	16.55	95	11915	0.54	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery =	2.16%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	10911	0.66	ug/L #	83
3) Chloromethane	4.01	50	8860m	0.53	ug/L	
4) Vinyl Chloride	4.25	62	10891	0.78	ug/L #	68
5) Bromomethane	5.18	94	6012	0.77	ug/L	97
6) Chloroethane	5.34	64	8856	1.05	ug/L #	79
7) Trichlorofluoromethane	5.86	101	18089	0.71	ug/L	96
8) Isoprene	6.43	67	7160	0.68	ug/L #	78
10) 1,1,2-Trichloro-1,2,2-Trif	6.65	101	8375m	0.76	ug/L	
11) Acetone	6.71	43	473	0.17	ug/L #	50
12) 1,1-Dichloroethene	6.95	96	7301	0.91	ug/L	89
13) Dimethyl Sulfide	7.22	62	4664	0.50	ug/L #	26
14) Iodomethane	7.47	142	2201	0.32	ug/L #	68
15) Methylene Chloride	7.72	84	9470	1.04	ug/L #	48
16) Carbon Disulfide	7.78	76	28142	1.01	ug/L	95
18) Methyl Tert Butyl Ether	7.97	73	16032m	0.68	ug/L	
19) trans-1,2-Dichloroethene	8.18	96	8209	0.91	ug/L	91
20) n-Hexane	8.27	57	5605	0.40	ug/L #	92
21) Vinyl Acetate	8.76	43	5193	0.36	ug/L #	80
22) 1,1-Dichloroethane	8.80	63	16852	0.85	ug/L #	97
23) 2-Butanone	9.36	43	916	0.25	ug/L #	61
24) 2,2-Dichloropropane	9.56	77	16344	0.79	ug/L #	89
25) cis-1,2-Dichloroethene	9.62	96	8691	0.86	ug/L #	73
26) Chloroform	9.84	83	22312	1.05	ug/L	95
27) Bromochloromethane	10.07	128	4124	0.82	ug/L #	61
29) 1,1,1-Trichloroethane	10.38	97	20885	0.93	ug/L #	86
30) Cyclohexane	10.44	56	7135	0.42	ug/L #	42
31) 1,1-Dichloropropene	10.57	75	10479	0.86	ug/L #	85

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D
Acq On : 20 Jun 2000 12:06
Sample : WG79282 1PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 14:07 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
32)	Carbon Tetrachloride	10.72	117	16493	0.81 ug/L	#	55
34)	1,2-Dichloroethane	10.87	62	16527	0.84 ug/L	#	79
35)	Benzene	10.93	78	35411	0.99 ug/L		98
36)	Trichloroethene	11.68	130	10026	0.86 ug/L		89
37)	1,2-Dichloropropane	11.89	63	6946	0.79 ug/L	#	55
38)	Bromodichloromethane	12.19	83	14267	0.95 ug/L	#	95
39)	Dibromomethane	12.28	93	5017	0.96 ug/L		87
40)	2-Chloroethyl Vinyl Ether	12.46	63	860	0.23 ug/L	#	49
42)	cis-1,3-Dichloropropene	12.82	75	9073	0.67 ug/L		96
43)	Dimethyl Disulfide	13.09	79	2063	0.25 ug/L		96
46)	Toluene	13.25	91	35928	0.92 ug/L		97
47)	Ethyl Methacrylate	13.33	69	4748	0.55 ug/L	#	78
48)	trans-1,3-Dichloropropene	13.41	75	10210	0.77 ug/L	#	86
49)	1,1,2-Trichloroethane	13.63	97	6283	0.99 ug/L		92
50)	2-Hexanone	13.58	43	1139	0.22 ug/L	#	1
51)	1,3-Dichloropropane	13.93	76	10895	0.95 ug/L	#	71
52)	Tetrachloroethene	14.07	164	8153	0.90 ug/L		86
53)	Dibromochloromethane	14.33	129	8089	0.77 ug/L		92
54)	1,2-Dibromoethane	14.59	107	5675	0.82 ug/L		99
55)	1-Chlorohexane	14.67	91	8395	0.59 ug/L	#	78
56)	Chlorobenzene	15.09	112	32979	0.94 ug/L		97
57)	1,1,1,2-Tetrachloroethane	15.12	131	11188	0.84 ug/L		89
58)	Ethylbenzene	15.11	106	17969	0.96 ug/L		90
59)	m-,p-Xylene	15.21	106	45508	1.83 ug/L		81
60)	o-Xylene	15.77	106	17916	0.75 ug/L		81
61)	Styrene	15.81	104	31855	0.77 ug/L		85
62)	Bromoform	16.29	173	4809	0.58 ug/L		93
63)	Isopropylbenzene	16.20	105	49253	0.76 ug/L		96
65)	1,1,2,2-Tetrachloroethane	16.40	83	9224	0.87 ug/L		95
67)	1,2,3-Trichloropropane	16.60	110	3225	0.72 ug/L		88
68)	trans-1,4-Dichloro-2-Buten	16.63	53	534	0.13 ug/L	#	1
69)	n-Propylbenzene	16.71	91	65984	0.87 ug/L		92
70)	Bromobenzene	16.84	156	16051	0.85 ug/L		87
71)	1,3,5-Trimethylbenzene	16.90	105	50549	0.76 ug/L		90
72)	2-Chlorotoluene	16.98	91	48076	0.88 ug/L		94
73)	4-Chlorotoluene	17.03	91	51950m	0.93 ug/L		
74)	a-Methylstyrene	17.29	118	21562	0.56 ug/L		99
75)	tert-Butylbenzene	17.36	119	55577	0.96 ug/L		95
76)	1,2,4-Trimethylbenzene	17.41	105	60822	0.85 ug/L		91
77)	sec-Butylbenzene	17.63	105	62758	0.79 ug/L		100
78)	p-Isopropyltoluene	17.79	119	57276	0.74 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D
Acq On : 20 Jun 2000 12:06
Sample : WG79282 1PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 14:07 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
79) 1,3-Dichlorobenzene	17.99	146	36313	0.86	ug/L		99
80) 1,4-Dichlorobenzene	18.11	146	40599	0.93	ug/L		100
81) n-Butylbenzene	18.32	91	52096	0.82	ug/L		96
82) 1,2-Dichlorobenzene	18.61	146	33480	0.88	ug/L		96
83) 1,2-Dibromo-3-Chloropropan	19.60	157	1579	0.62	ug/L	#	76
84) 1,2,4-Trichlorobenzene	20.75	180	18765	0.71	ug/L	#	88
85) Hexachlorobutadiene	20.90	225	11059	0.91	ug/L		98
86) Naphthalene	21.12	128	23743	0.59	ug/L		99
87) 1,2,3-Trichlorobenzene	21.43	180	16081	0.70	ug/L		95

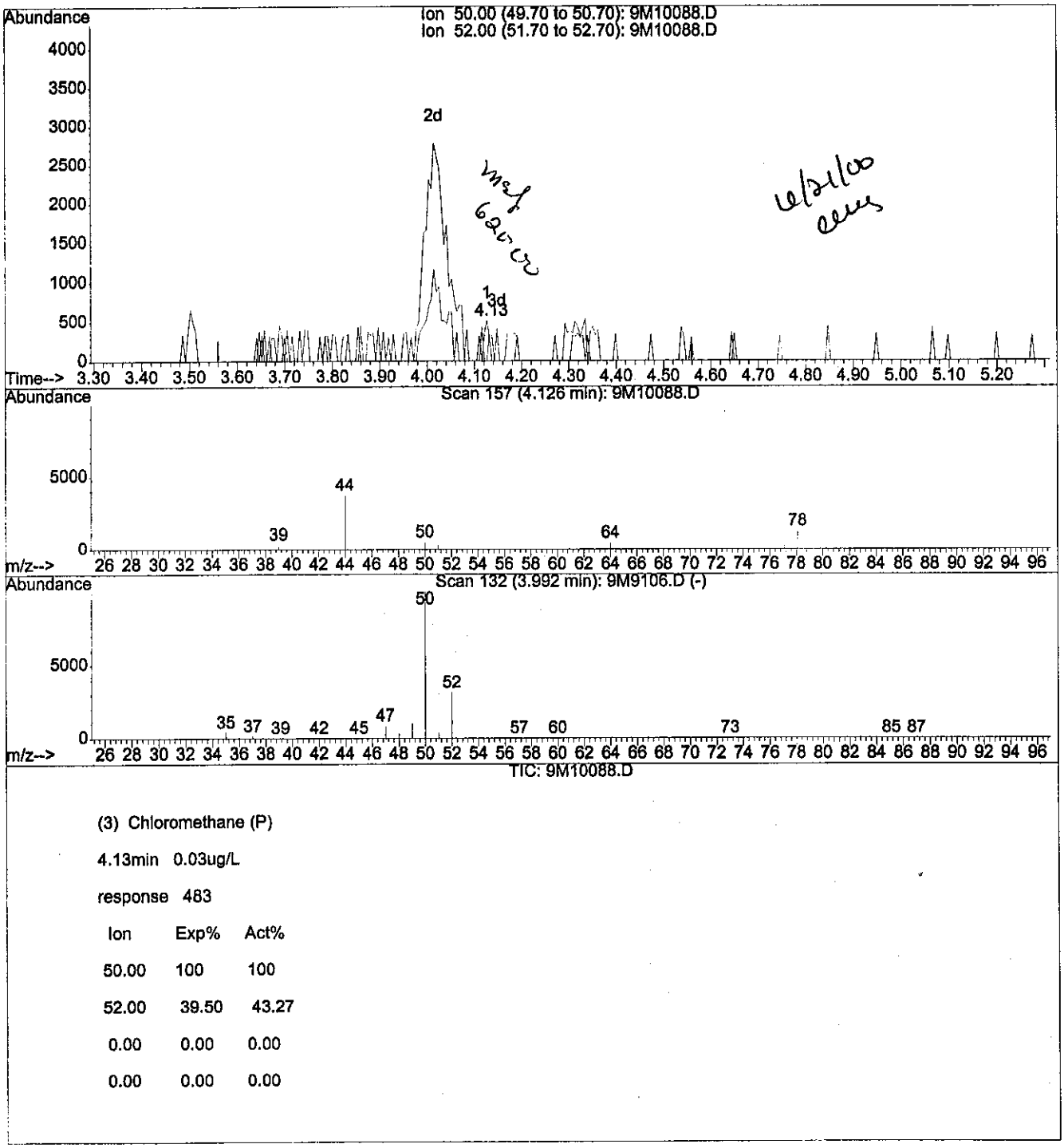
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D
Acq On : 20 Jun 2000 12:06
Sample : WG79282 1PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 12:29 2000

Vial: 6
Operator: MES
Inst : HPMS_9
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(3) Chloromethane (P)

4.13min 0.03ug/L

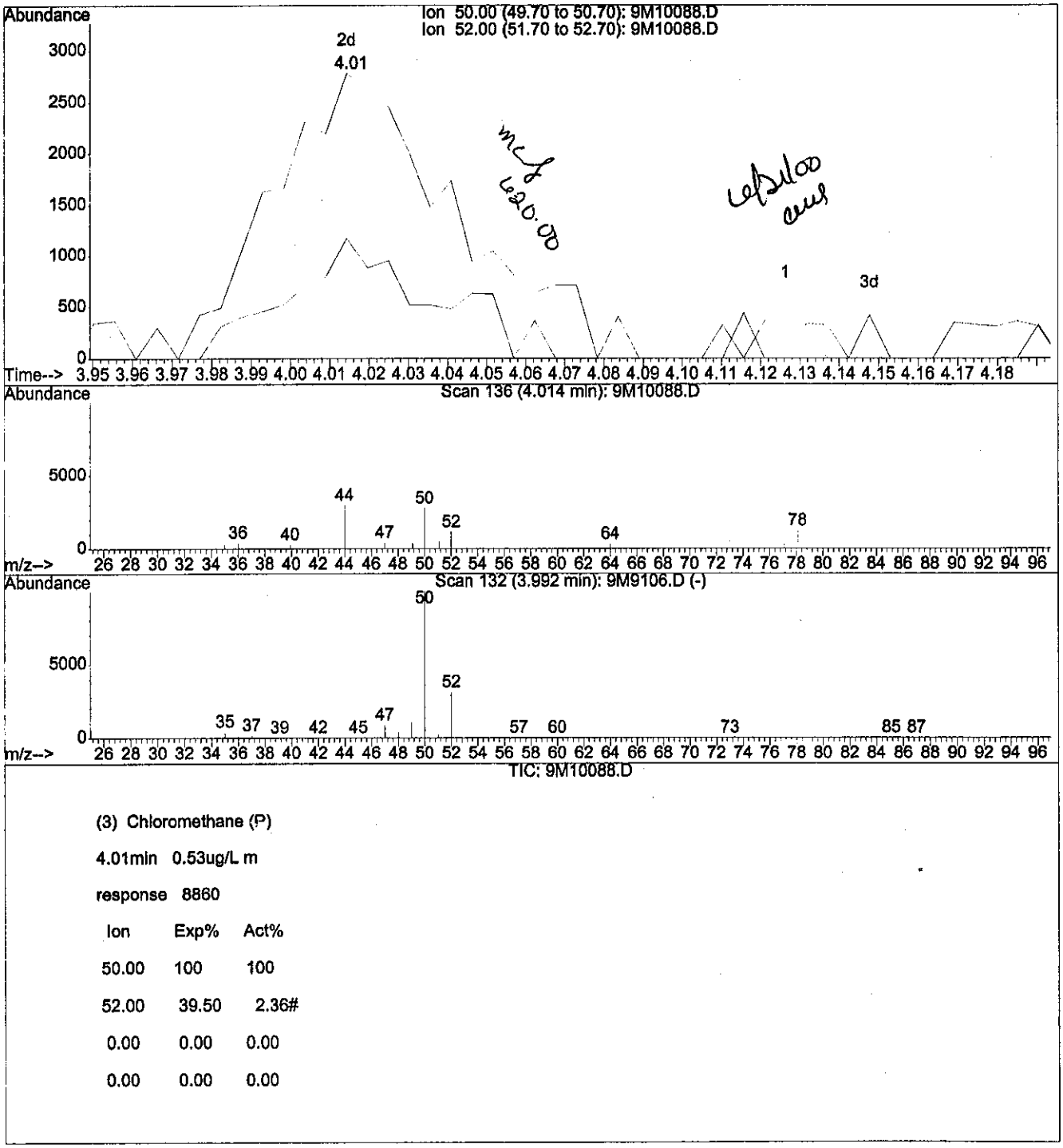
response 483

Ion	Exp%	Act%
50.00	100	100
52.00	39.50	43.27
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:03 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(3) Chloromethane (P)

4.01min 0.53ug/L m

response 8860

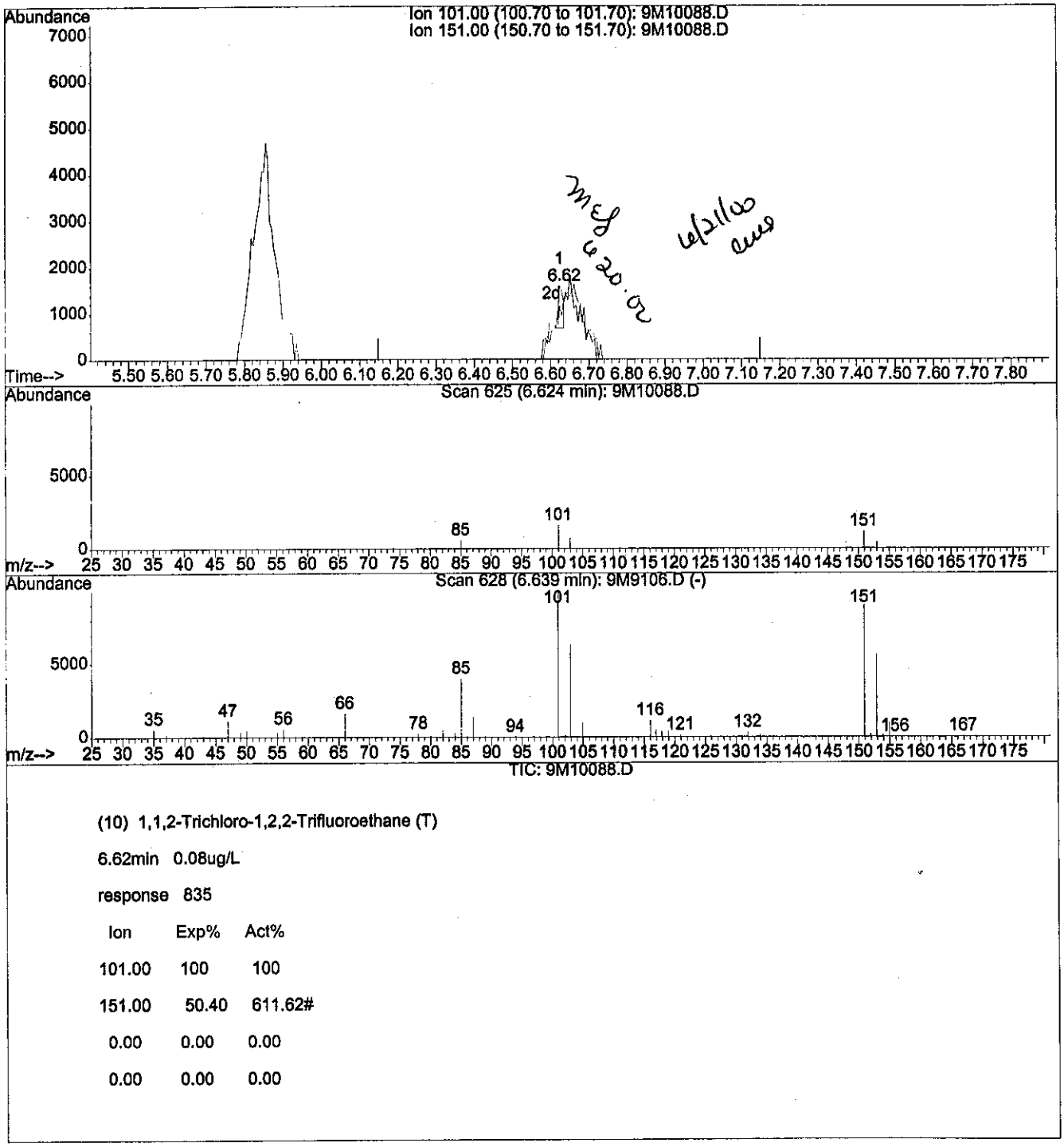
Ion	Exp%	Act%
50.00	100	100
52.00	39.50	2.36#
0.00	0.00	0.00
0.00	0.00	0.00

9M10088.D 8260WT.M Tue Jun 20 14:03:47 2000 HPMS_9

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:03 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.62min 0.08ug/L

response 835

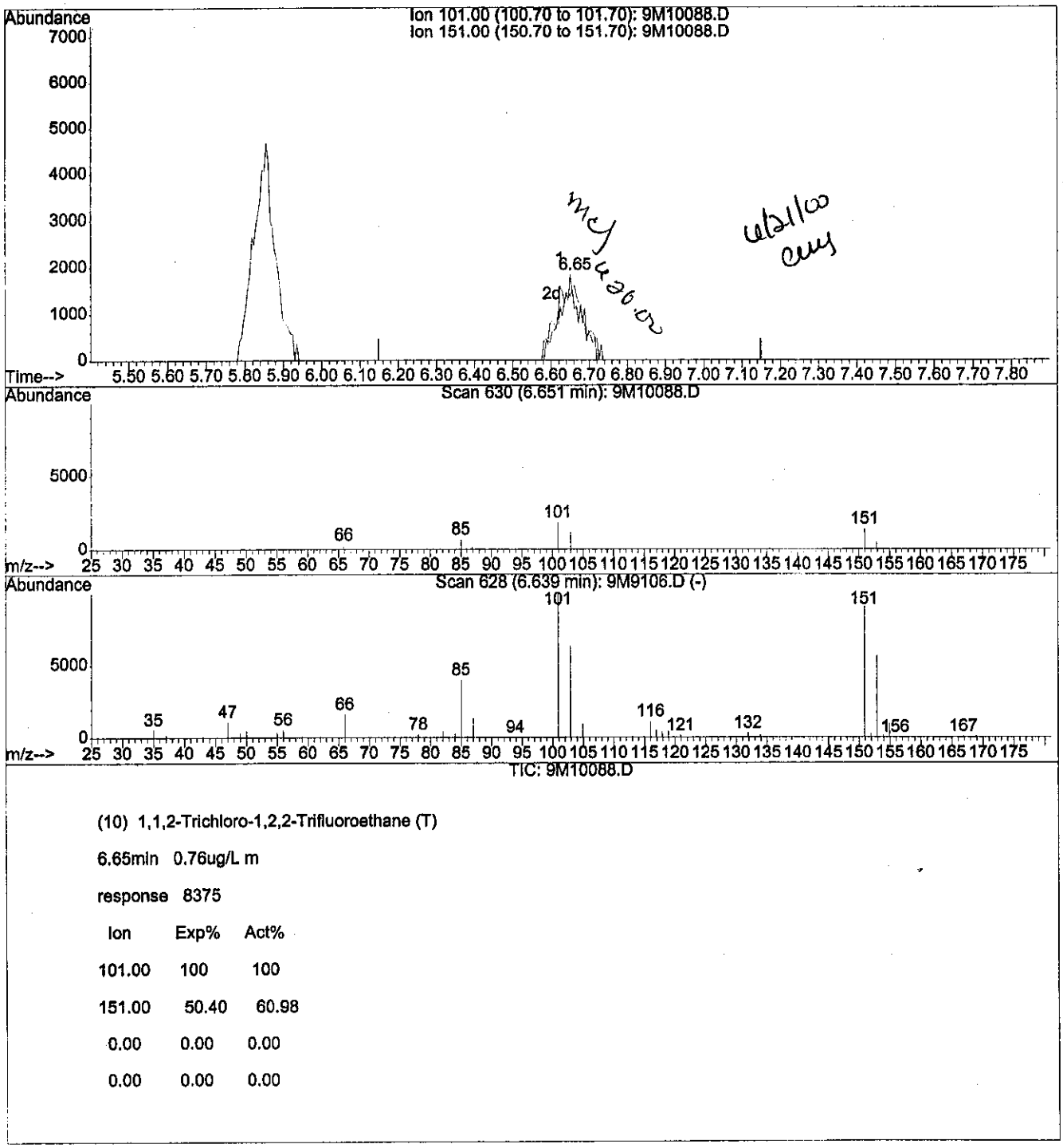
Ion	Exp%	Act%
101.00	100	100
151.00	50.40	611.62#
0.00	0.00	0.00
0.00	0.00	0.00

9M10088.D 8260WT.M Tue Jun 20 14:04:03 2000 HPMS_9

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(10) 1,1,2-Trichloro-1,2,2-Trifluoroethane (T)

6.65min 0.76ug/L m

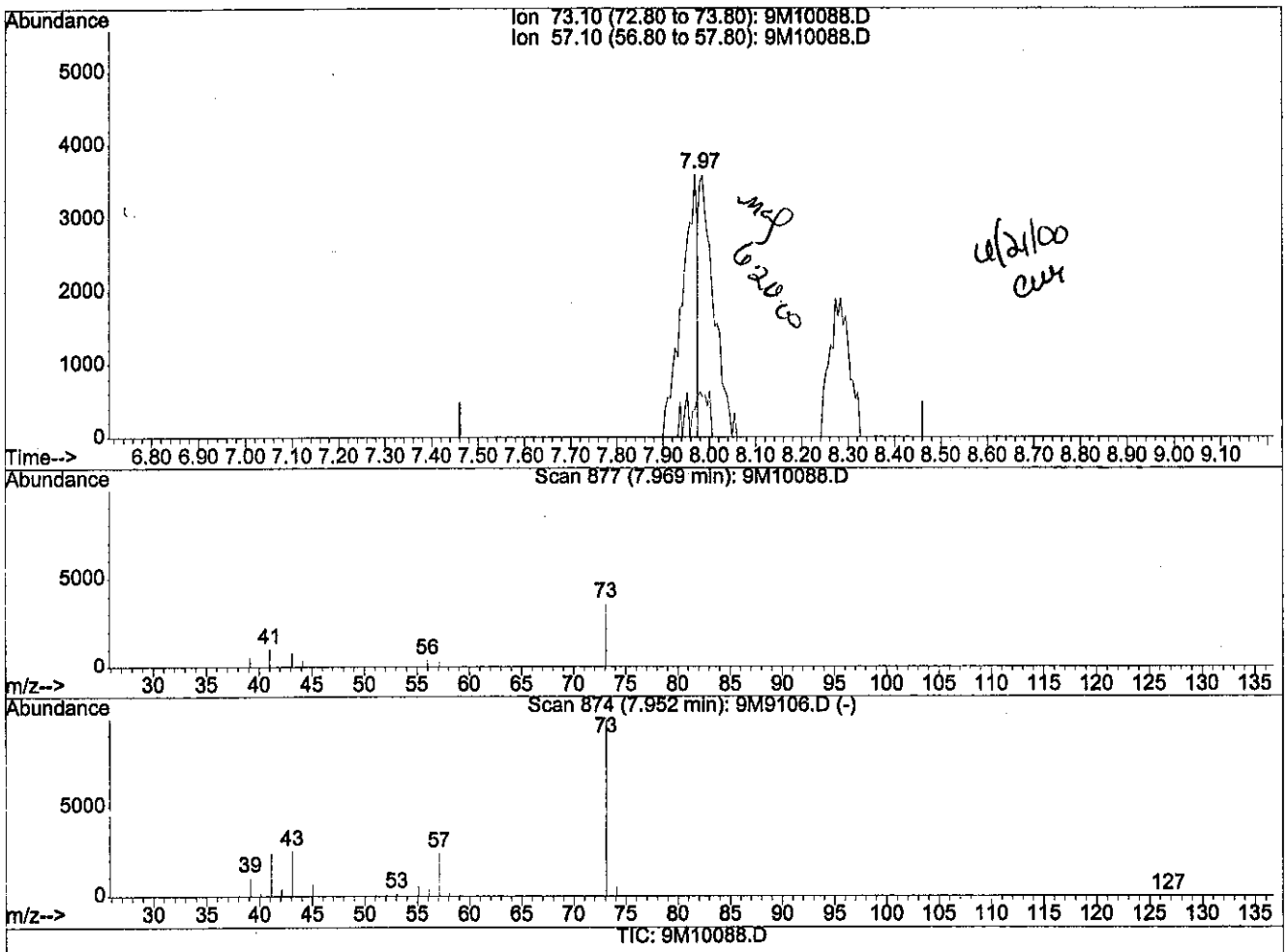
response 8375

Ion	Exp%	Act%
101.00	100	100
151.00	50.40	60.98
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(18) Methyl Tert Butyl Ether (T)

7.97min 0.35ug/L

response 8226

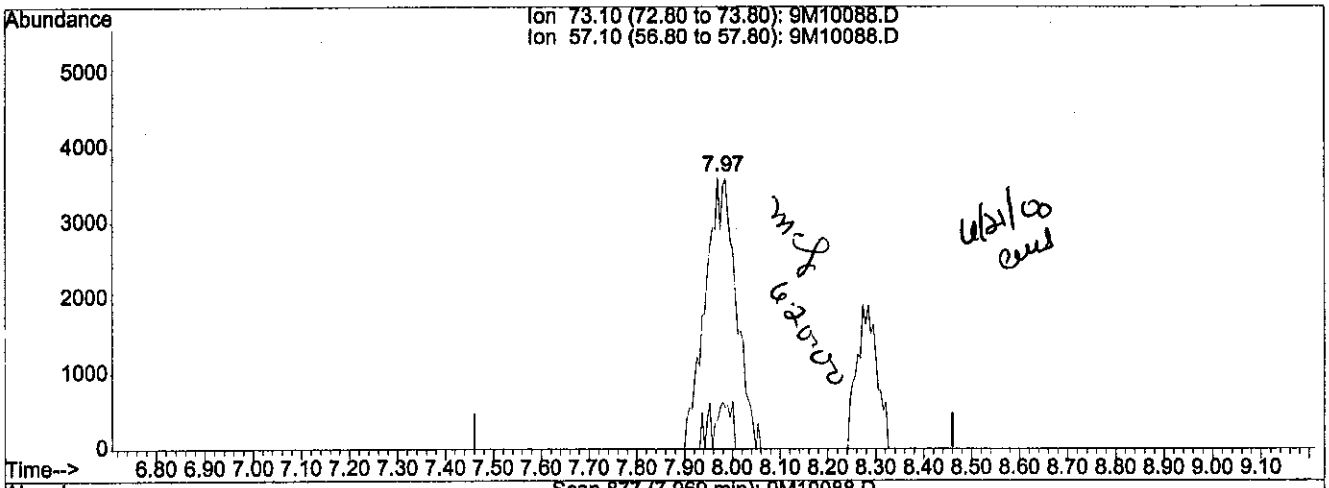
Ion	Exp%	Act%
73.10	100	100
57.10	21.30	5.75#
0.00	0.00	0.00
0.00	0.00	0.00

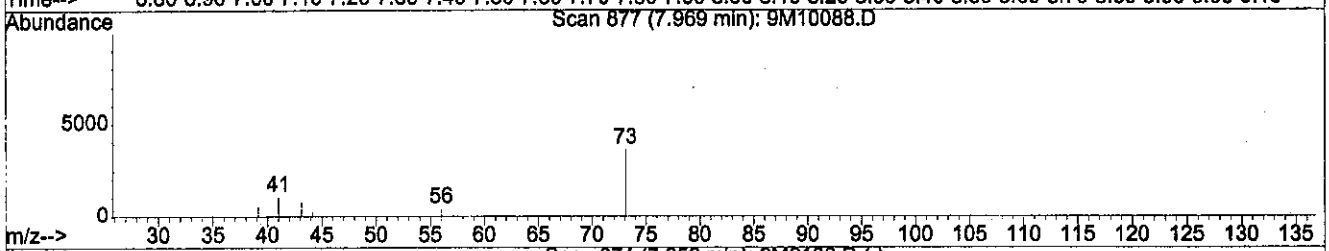
9M10088.D 8260WT.M Tue Jun 20 14:04:44 2000 HPMS_9

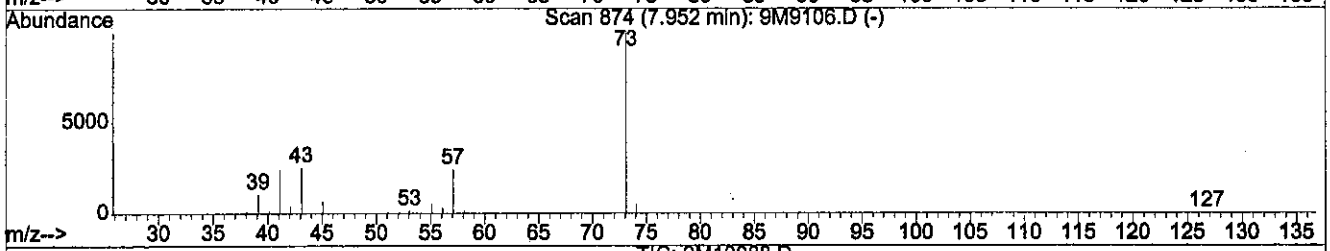
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration







TIC: 9M10088.D

(18) Methyl Tert Butyl Ether (T)

7.97min 0.68ug/L m

response 16032

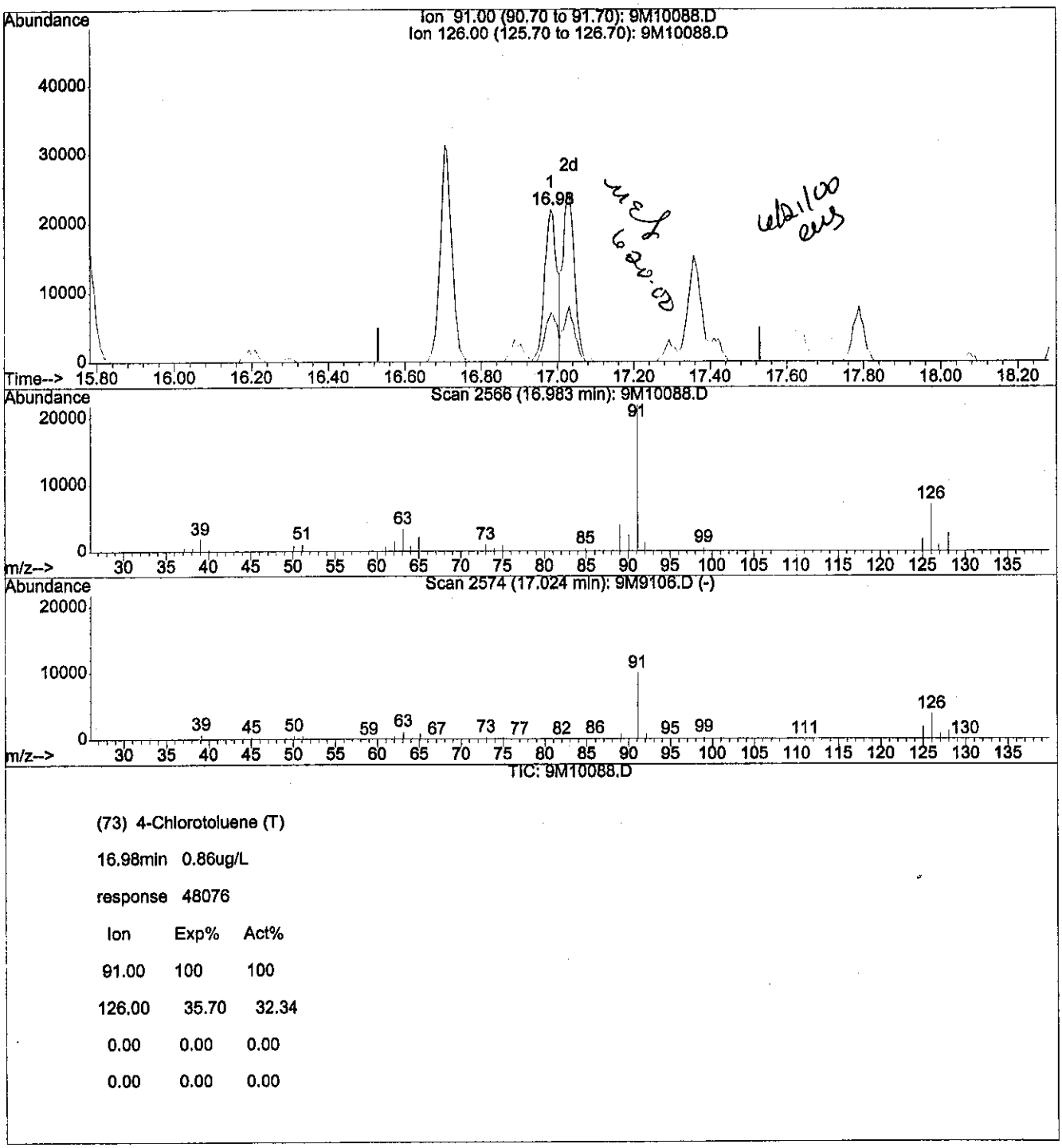
Ion	Exp%	Act%
73.10	100	100
57.10	21.30	2.95#
0.00	0.00	0.00
0.00	0.00	0.00

9M10088.D 8260WT.M Tue Jun 20 14:04:50 2000 HPMS_9

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:04 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(73) 4-Chlorotoluene (T)

16.98min 0.86ug/L

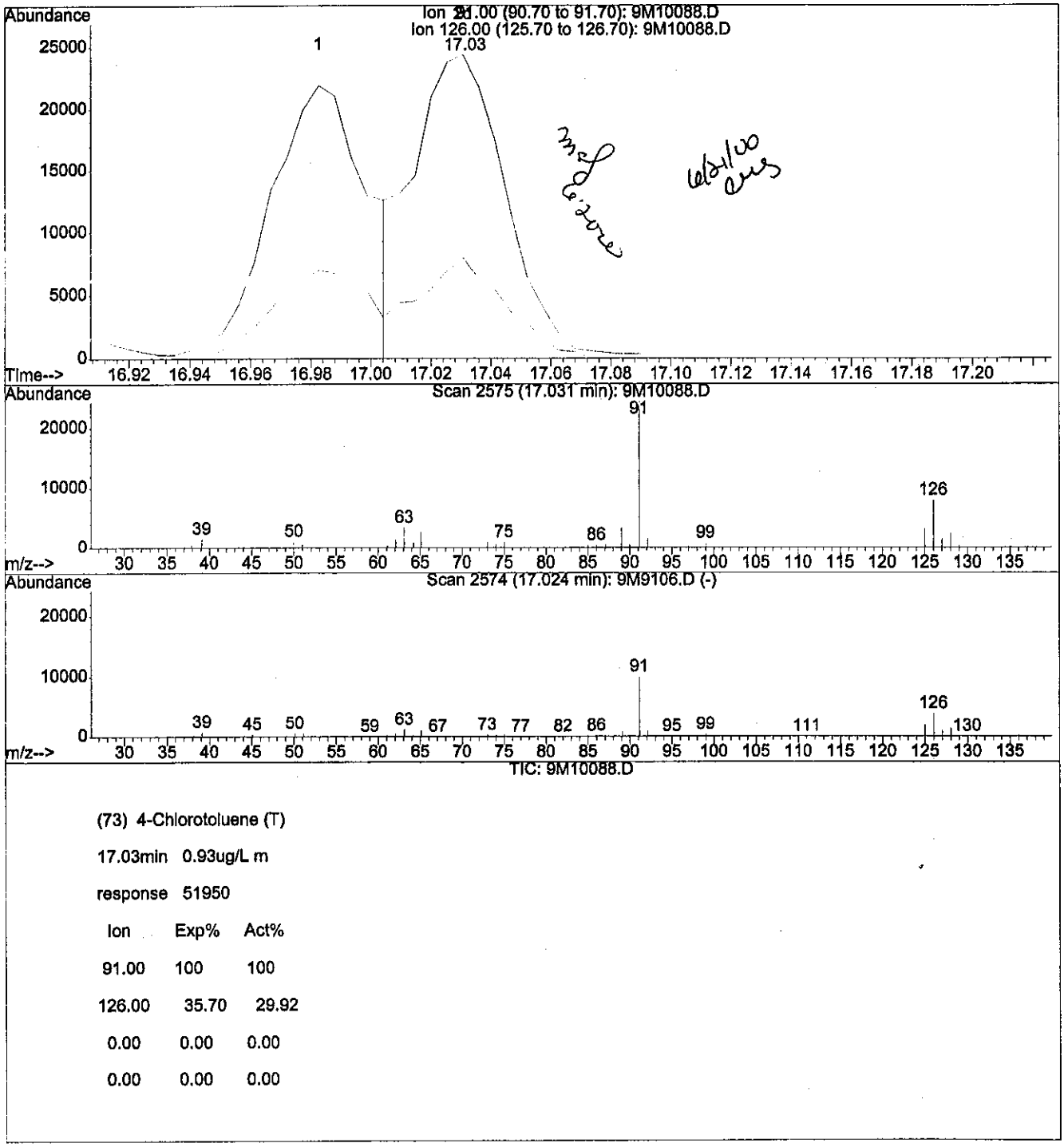
response 48076

Ion	Exp%	Act%
91.00	100	100
126.00	35.70	32.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062000\9M10088.D Vial: 6
Acq On : 20 Jun 2000 12:06 Operator: MES
Sample : WG79282 1PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:07 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Multiple Level Calibration



(73) 4-Chlorotoluene (T)

17.03min 0.93ug/L m

response 51950

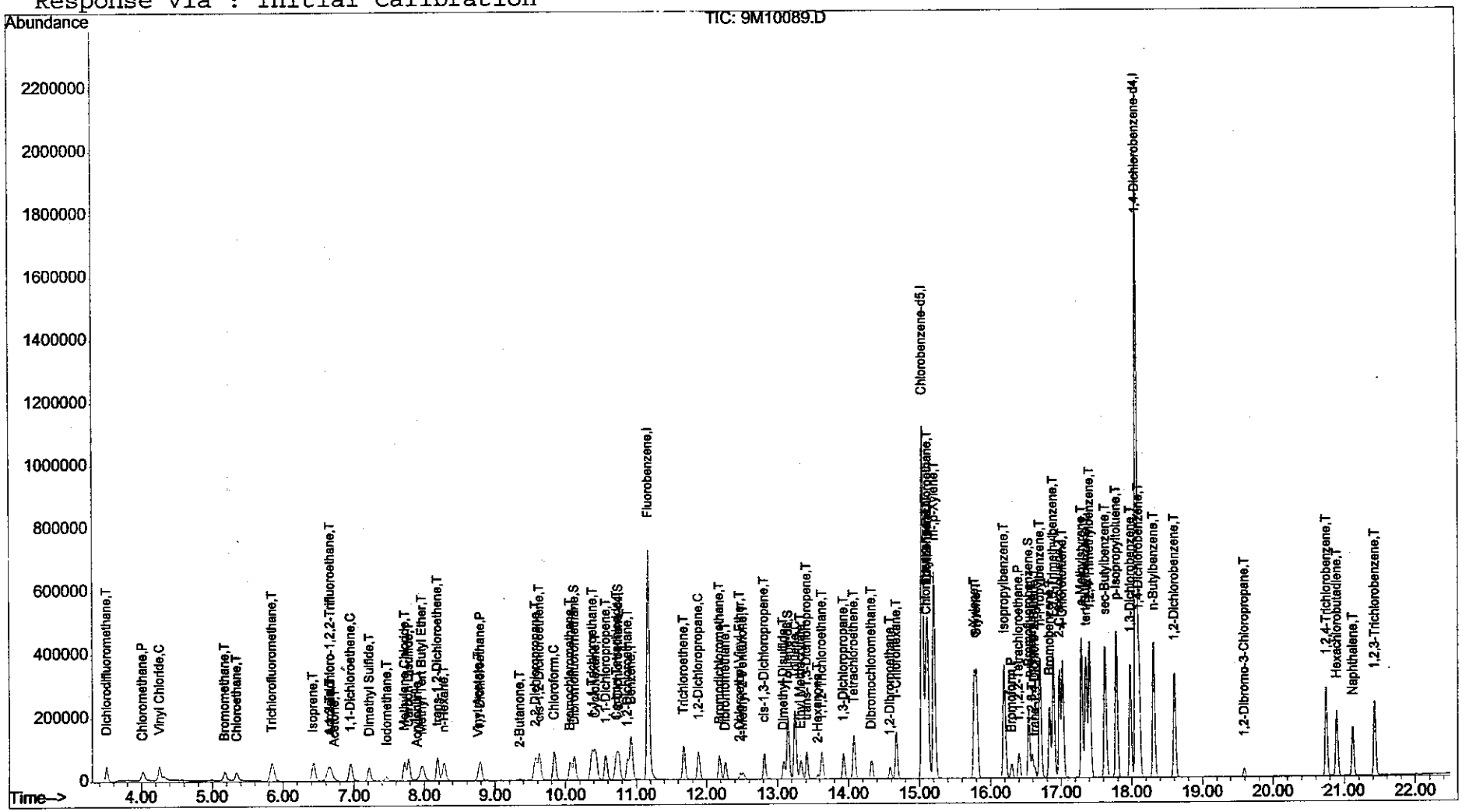
Ion	Exp%	Act%
91.00	100	100
126.00	35.70	29.92
0.00	0.00	0.00
0.00	0.00	0.00

9M10088.D 8260WT.M Tue Jun 20 14:07:12 2000 HPMS_9

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10089.D Vial: 7
Acq On : 20 Jun 2000 12:38 Operator: MES
Sample : WG79282 5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:00 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10089.D Vial: 7
Acq On : 20 Jun 2000 12:38 Operator: MES
Sample : WG79282 5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:00 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	909179	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.05	117	830582	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	707255	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	53642	4.32	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 17.28%#			
33) 1,2-Dichloroethane-d4	10.75	65	66848	4.50	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 18.00%#			
45) Toluene-d8	13.15	98	183616	5.13	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 20.52%#			
66) p-Bromofluorobenzene	16.55	95	92143	3.90	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 15.60%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	70443	4.26	ug/L #	92
3) Chloromethane	4.01	50	49032	2.94	ug/L	91
4) Vinyl Chloride	4.25	62	67003	4.79	ug/L	96
5) Bromomethane	5.17	94	30294	3.89	ug/L #	74
6) Chloroethane	5.34	64	44128	5.22	ug/L #	76
7) Trichlorofluoromethane	5.85	101	114445	4.52	ug/L	97
8) Isoprene	6.42	67	50374	4.76	ug/L #	74
9) Acrolein	6.66	56	105	0.14	ug/L #	13
10) 1,1,2-Trichloro-1,2,2-Trif	6.66	101	52227	4.74	ug/L #	49
11) Acetone	6.73	43	8028	2.87	ug/L	90
12) 1,1-Dichloroethene	6.94	96	39924	4.97	ug/L	90
13) Dimethyl Sulfide	7.21	62	32679	3.49	ug/L	84
14) Iodomethane	7.46	142	22291	3.22	ug/L #	77
15) Methylene Chloride	7.72	84	47201	5.16	ug/L #	45
16) Carbon Disulfide	7.78	76	149162	5.36	ug/L	99
17) Acrylonitrile	7.89	53	5186	2.18	ug/L	93
18) Methyl Tert Butyl Ether	7.96	73	106237	4.51	ug/L #	85
19) trans-1,2-Dichloroethene	8.18	96	44057	4.86	ug/L	92
20) n-Hexane	8.27	57	40430	2.87	ug/L #	76
21) Vinyl Acetate	8.76	43	32799	2.29	ug/L #	84
22) 1,1-Dichloroethane	8.79	63	82605	4.14	ug/L #	92
23) 2-Butanone	9.35	43	8646	2.31	ug/L #	76
24) 2,2-Dichloropropane	9.57	77	89254	4.29	ug/L #	83
25) cis-1,2-Dichloroethene	9.63	96	49759	4.92	ug/L	87
26) Chloroform	9.84	83	111343	5.23	ug/L	98
27) Bromochloromethane	10.06	128	22970	4.58	ug/L #	64
29) 1,1,1-Trichloroethane	10.38	97	103486	4.62	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10089.D
Acq On : 20 Jun 2000 12:38
Sample : WG79282 5PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 13:00 2000

Vial: 7
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.43	56	49117	2.87	ug/L	#	42
31)	1,1-Dichloropropene	10.57	75	59648	4.90	ug/L		88
32)	Carbon Tetrachloride	10.72	117	89829	4.42	ug/L		96
34)	1,2-Dichloroethane	10.88	62	84315	4.29	ug/L	#	79
35)	Benzene	10.93	78	183895	5.13	ug/L		98
36)	Trichloroethene	11.68	130	49659	4.27	ug/L		85
37)	1,2-Dichloropropane	11.89	63	34047	3.89	ug/L	#	49
38)	Bromodichloromethane	12.19	83	72593	4.82	ug/L		98
39)	Dibromomethane	12.27	93	25277	4.83	ug/L		94
40)	2-Chloroethyl Vinyl Ether	12.47	63	10041	2.68	ug/L	#	84
41)	4-Methyl-2-Pentanone	12.52	58	6000	2.22	ug/L	#	63
42)	cis-1,3-Dichloropropene	12.82	75	57790	4.27	ug/L		96
43)	Dimethyl Disulfide	13.09	79	25341	3.09	ug/L		87
46)	Toluene	13.25	91	217932	5.45	ug/L		99
47)	Ethyl Methacrylate	13.33	69	41659	4.73	ug/L		97
48)	trans-1,3-Dichloropropene	13.41	75	65157	4.76	ug/L	#	89
49)	1,1,2-Trichloroethane	13.63	97	33495	5.14	ug/L		94
50)	2-Hexanone	13.57	43	11727	2.21	ug/L	#	99
51)	1,3-Dichloropropane	13.93	76	61439	5.21	ug/L	#	70
52)	Tetrachloroethene	14.07	164	44035	4.72	ug/L		98
53)	Dibromochloromethane	14.33	129	43757	4.07	ug/L		95
54)	1,2-Dibromoethane	14.58	107	32119	4.53	ug/L		100
55)	1-Chlorohexane	14.67	91	66896	4.54	ug/L		83
56)	Chlorobenzene	15.09	112	167033	4.61	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	58866	4.31	ug/L		94
58)	Ethylbenzene	15.11	106	91579	4.75	ug/L		85
59)	m-,p-Xylene	15.21	106	245954	9.63	ug/L		76
60)	o-Xylene	15.78	106	112542	4.60	ug/L		79
61)	Styrene	15.80	104	204557	4.82	ug/L		88
62)	Bromoform	16.30	173	27592	3.26	ug/L		100
63)	Isopropylbenzene	16.20	105	317885	4.77	ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.40	83	46990	4.15	ug/L		100
67)	1,2,3-Trichloropropane	16.60	110	17212	3.60	ug/L		94
68)	trans-1,4-Dichloro-2-Buten	16.64	53	9098	2.05	ug/L	#	27
69)	n-Propylbenzene	16.71	91	405882	4.98	ug/L		95
70)	Bromobenzene	16.84	156	86851	4.28	ug/L		82
71)	1,3,5-Trimethylbenzene	16.89	105	318716	4.48	ug/L		92
72)	2-Chlorotoluene	16.98	91	274634	4.69	ug/L		93
73)	4-Chlorotoluene	17.03	91	285417	4.77	ug/L		94
74)	a-Methylstyrene	17.29	118	175169	4.24	ug/L		94
75)	tert-Butylbenzene	17.36	119	266714	4.29	ug/L		89

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10089.D Vial: 7
Acq On : 20 Jun 2000 12:38 Operator: MES
Sample : WG79282 5PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:00 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

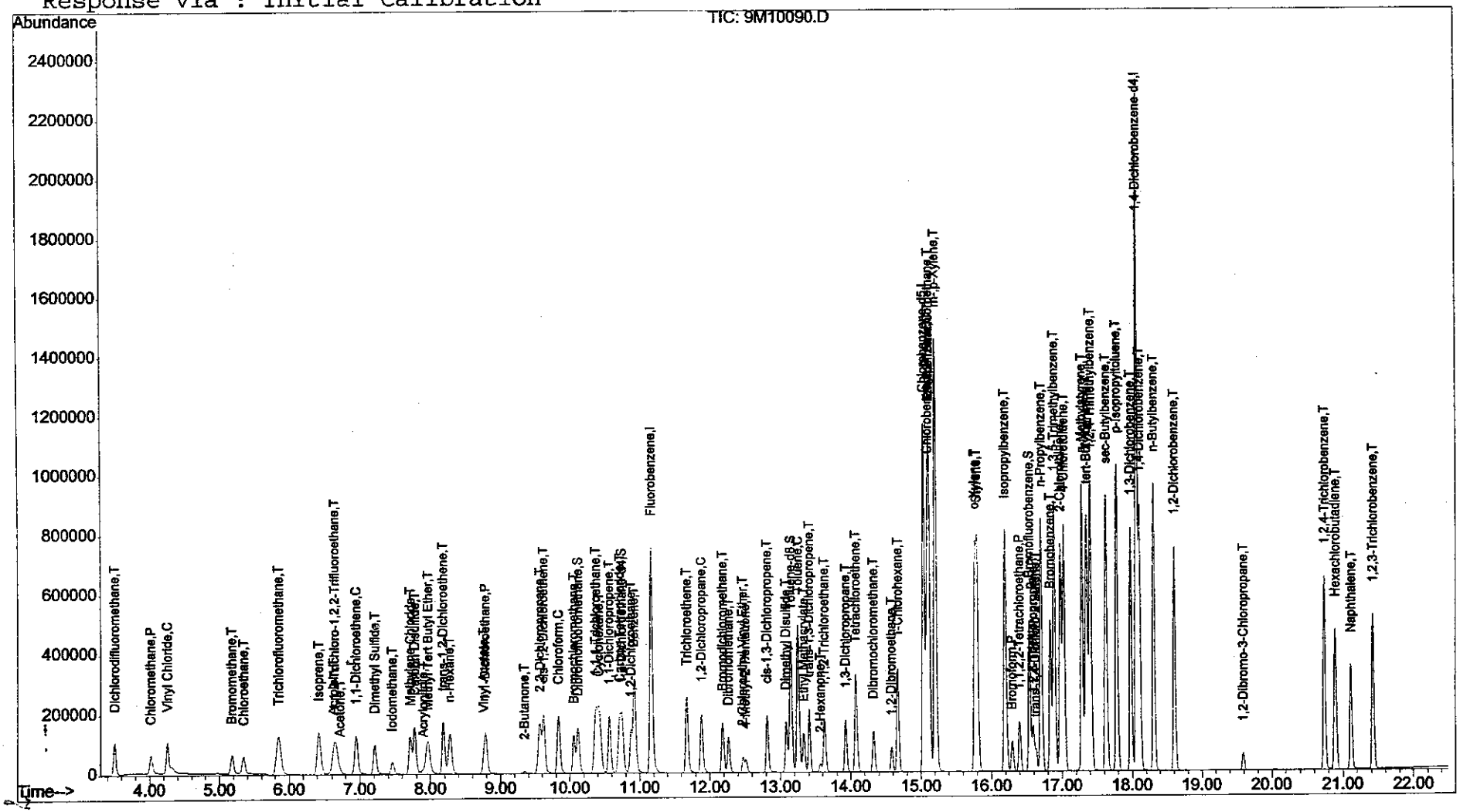
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	17.41	105	348445	4.54	ug/L		94
77)	sec-Butylbenzene	17.63	105	387041	4.53	ug/L		100
78)	p-Isopropyltoluene	17.78	119	365876	4.45	ug/L		100
79)	1,3-Dichlorobenzene	17.99	146	198407	4.39	ug/L		97
80)	1,4-Dichlorobenzene	18.11	146	206402	4.41	ug/L		91
81)	n-Butylbenzene	18.31	91	318661	4.69	ug/L		96
82)	1,2-Dichlorobenzene	18.61	146	180123	4.44	ug/L		95
83)	1,2-Dibromo-3-Chloropropan	19.60	157	9133	3.37	ug/L	#	63
84)	1,2,4-Trichlorobenzene	20.75	180	112151	3.97	ug/L		96
85)	Hexachlorobutadiene	20.90	225	55963	4.31	ug/L		99
86)	Naphthalene	21.12	128	156495	3.66	ug/L		99
87)	1,2,3-Trichlorobenzene	21.42	180	91909	3.74	ug/L		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10090.D Vial: 8
Acq On : 20 Jun 2000 13:16 Operator: MES
Sample : WG79282 10PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:38 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10090.D Vial: 8
Acq On : 20 Jun 2000 13:16 Operator: MES
Sample : WG79282 10PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:38 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	952339	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.04	117	857131	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	731817	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	120033	9.22	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 36.88%#			
33) 1,2-Dichloroethane-d4	10.76	65	148700	9.56	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 38.24%#			
45) Toluene-d8	13.15	98	425345	11.50	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 46.00%#			
66) p-Bromofluorobenzene	16.54	95	218511	8.94	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 35.76%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	169424	9.77	ug/L #	90
3) Chloromethane	4.01	50	109355	6.26	ug/L	90
4) Vinyl Chloride	4.25	62	157813	10.78	ug/L	99
5) Bromomethane	5.17	94	72682	8.90	ug/L #	73
6) Chloroethane	5.34	64	95172	10.74	ug/L #	68
7) Trichlorofluoromethane	5.85	101	269940	10.17	ug/L	96
8) Isoprene	6.42	67	125183	11.30	ug/L #	75
9) Acrolein	6.62	56	1090	1.37	ug/L #	41
10) 1,1,2-Trichloro-1,2,2-Trif	6.64	101	124941	10.83	ug/L #	47
11) Acetone	6.73	43	15017	5.12	ug/L	96
12) 1,1-Dichloroethene	6.95	96	93977	11.17	ug/L	92
13) Dimethyl Sulfide	7.21	62	82442	8.41	ug/L #	79
14) Iodomethane	7.46	142	74632	10.30	ug/L #	81
15) Methylene Chloride	7.72	84	105559	11.02	ug/L #	44
16) Carbon Disulfide	7.78	76	344112	11.81	ug/L	99
17) Acrylonitrile	7.90	53	10804	4.34	ug/L	90
18) Methyl Tert Butyl Ether	7.97	73	259676	10.51	ug/L #	85
19) trans-1,2-Dichloroethene	8.18	96	103872	10.93	ug/L	94
20) n-Hexane	8.28	57	102571	6.96	ug/L #	73
21) Vinyl Acetate	8.76	43	78299	5.22	ug/L #	80
22) 1,1-Dichloroethane	8.79	63	187729	8.99	ug/L #	91
23) 2-Butanone	9.35	43	16638	4.25	ug/L #	65
24) 2,2-Dichloropropane	9.57	77	211477	9.71	ug/L #	80
25) cis-1,2-Dichloroethene	9.62	96	118049	11.15	ug/L	83
26) Chloroform	9.84	83	241002	10.81	ug/L	96
27) Bromochloromethane	10.06	128	52300	9.96	ug/L #	65
29) 1,1,1-Trichloroethane	10.37	97	239198	10.20	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10090.D Vial: 8
Acq On : 20 Jun 2000 13:16 Operator: MES
Sample : WG79282 10PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:38 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.43	56	122080	6.81	ug/L	#	46
31)	1,1-Dichloropropene	10.57	75	139063	10.91	ug/L		90
32)	Carbon Tetrachloride	10.72	117	206024	9.68	ug/L		96
34)	1,2-Dichloroethane	10.88	62	180509	8.77	ug/L	#	80
35)	Benzene	10.93	78	429681	11.44	ug/L		99
36)	Trichloroethene	11.68	130	114139	9.37	ug/L		83
37)	1,2-Dichloropropane	11.89	63	79082	8.63	ug/L	#	52
38)	Bromodichloromethane	12.18	83	160322	10.17	ug/L		100
39)	Dibromomethane	12.27	93	57463	10.48	ug/L		89
40)	2-Chloroethyl Vinyl Ether	12.47	63	26019	6.62	ug/L	#	83
41)	4-Methyl-2-Pentanone	12.51	58	13894	4.91	ug/L	#	66
42)	cis-1,3-Dichloropropene	12.82	75	144494	10.18	ug/L		95
43)	Dimethyl Disulfide	13.08	79	72315	8.41	ug/L		85
46)	Toluene	13.25	91	505708	12.25	ug/L		99
47)	Ethyl Methacrylate	13.33	69	92302	10.16	ug/L		97
48)	trans-1,3-Dichloropropene	13.41	75	155933	11.03	ug/L	#	90
49)	1,1,2-Trichloroethane	13.63	97	74232	11.05	ug/L		99
50)	2-Hexanone	13.57	43	24074	4.40	ug/L	#	96
51)	1,3-Dichloropropane	13.93	76	138152	11.34	ug/L	#	68
52)	Tetrachloroethene	14.08	164	101242	10.52	ug/L		97
53)	Dibromochloromethane	14.33	129	100129	9.02	ug/L		95
54)	1,2-Dibromoethane	14.58	107	71160	9.72	ug/L		99
55)	1-Chlorohexane	14.67	91	166199	10.94	ug/L	#	78
56)	Chlorobenzene	15.09	112	371038	9.93	ug/L		99
57)	1,1,1,2-Tetrachloroethane	15.12	131	131628	9.33	ug/L		93
58)	Ethylbenzene	15.12	106	208401	10.46	ug/L		85
59)	m-,p-Xylene	15.21	106	569755	21.62	ug/L		82
60)	o-Xylene	15.77	106	267281	10.57	ug/L		80
61)	Styrene	15.80	104	478313	10.91	ug/L		90
62)	Bromoform	16.30	173	66175	7.58	ug/L		98
63)	Isopropylbenzene	16.19	105	757826	11.02	ug/L		96
65)	1,1,2,2-Tetrachloroethane	16.40	83	101189	8.65	ug/L		100
67)	1,2,3-Trichloropropane	16.59	110	37755	7.63	ug/L		94
68)	trans-1,4-Dichloro-2-Buten	16.63	53	18753	4.08	ug/L	#	30
69)	n-Propylbenzene	16.71	91	936060	11.10	ug/L		94
70)	Bromobenzene	16.83	156	190346	9.06	ug/L		83
71)	1,3,5-Trimethylbenzene	16.89	105	737092	10.00	ug/L		91
72)	2-Chlorotoluene	16.98	91	640470	10.58	ug/L		94
73)	4-Chlorotoluene	17.03	91	628857	10.15	ug/L		93
74)	a-Methylstyrene	17.29	118	388480	9.09	ug/L		94
75)	tert-Butylbenzene	17.36	119	619335	9.62	ug/L		92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10090.D Vial: 8
Acq On : 20 Jun 2000 13:16 Operator: MES
Sample : WG79282 10PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 13:38 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

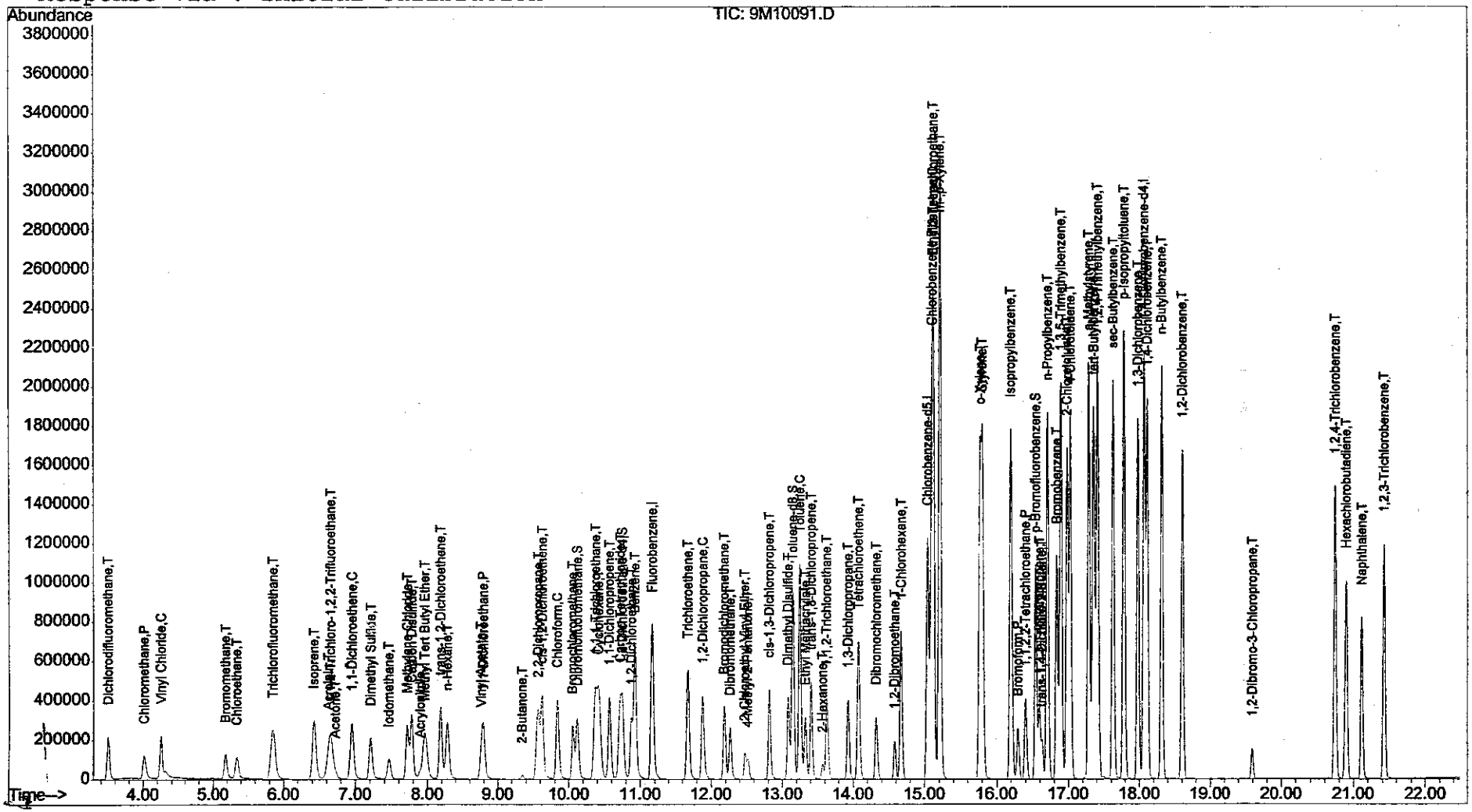
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	17.41	105	785722	9.89	ug/L		94
77)	sec-Butylbenzene	17.63	105	911109	10.30	ug/L		100
78)	p-Isopropyltoluene	17.78	119	846421	9.94	ug/L		100
79)	1,3-Dichlorobenzene	17.98	146	450758	9.64	ug/L		98
80)	1,4-Dichlorobenzene	18.11	146	463305	9.58	ug/L		94
81)	n-Butylbenzene	18.31	91	746231	10.61	ug/L		97
82)	1,2-Dichlorobenzene	18.61	146	410029	9.77	ug/L		97
83)	1,2-Dibromo-3-Chloropropan	19.60	157	21241	7.58	ug/L	#	73
84)	1,2,4-Trichlorobenzene	20.75	180	264006	9.02	ug/L		98
85)	Hexachlorobutadiene	20.90	225	128877	9.59	ug/L		99
86)	Naphthalene	21.11	128	355167	8.03	ug/L		100
87)	1,2,3-Trichlorobenzene	21.42	180	206981	8.15	ug/L		96

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10091.D Vial: 9
Acq On : 20 Jun 2000 13:47 Operator: MES
Sample : WG79282 20PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:10 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10091.D Vial: 9
Acq On : 20 Jun 2000 13:47 Operator: MES
Sample : WG79282 20PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:10 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.17	96	999499	25.00	ug/L		0.00
44) Chlorobenzene-d5	15.04	117	907769	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	774368	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.12	111	252330	18.47	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 73.88%#				
33) 1,2-Dichloroethane-d4	10.76	65	308684	18.90	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 75.60%#				
45) Toluene-d8	13.15	98	908473	23.20	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 92.80%				
66) p-Bromofluorobenzene	16.54	95	476623	18.44	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 73.76%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.50	85	338593	18.61	ug/L	#	91
3) Chloromethane	4.01	50	226428	12.36	ug/L		89
4) Vinyl Chloride	4.25	62	298686	19.44	ug/L		98
5) Bromomethane	5.18	94	148302	17.31	ug/L	#	72
6) Chloroethane	5.35	64	188430	20.26	ug/L	#	69
7) Trichlorofluoromethane	5.84	101	535992	19.24	ug/L		97
8) Isoprene	6.42	67	280068	24.08	ug/L	#	74
9) Acrolein	6.62	56	2508	3.00	ug/L	#	48
10) 1,1,2-Trichloro-1,2,2-Trif	6.65	101	253940	20.97	ug/L	#	47
11) Acetone	6.73	43	26490	8.60	ug/L		94
12) 1,1-Dichloroethene	6.95	96	204056	23.10	ug/L		93
13) Dimethyl Sulfide	7.21	62	180562	17.55	ug/L		80
14) Iodomethane	7.46	142	195814	25.76	ug/L	#	84
15) Methylene Chloride	7.72	84	224329	22.31	ug/L	#	45
16) Carbon Disulfide	7.78	76	718721	23.50	ug/L		99
17) Acrylonitrile	7.90	53	23339	8.94	ug/L		91
18) Methyl Tert Butyl Ether	7.97	73	579985	22.37	ug/L	#	85
19) trans-1,2-Dichloroethene	8.18	96	230568	23.13	ug/L		93
20) n-Hexane	8.28	57	219424	14.18	ug/L	#	73
21) Vinyl Acetate	8.76	43	177704	11.28	ug/L	#	78
22) 1,1-Dichloroethane	8.79	63	400955	18.30	ug/L	#	92
23) 2-Butanone	9.35	43	38003	9.25	ug/L	#	64
24) 2,2-Dichloropropane	9.57	77	453645	19.85	ug/L	#	80
25) cis-1,2-Dichloroethene	9.63	96	256609	23.09	ug/L		85
26) Chloroform	9.84	83	511223	21.85	ug/L		96
27) Bromochloromethane	10.06	128	116259	21.10	ug/L	#	65
29) 1,1,1-Trichloroethane	10.38	97	502171	20.41	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10091.D Vial: 9
Acq On : 20 Jun 2000 13:47 Operator: MES
Sample : WG79282 20PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:10 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.43	56	265077	14.09	ug/L	#	45
31)	1,1-Dichloropropene	10.57	75	303698	22.71	ug/L		89
32)	Carbon Tetrachloride	10.72	117	432718	19.37	ug/L		98
34)	1,2-Dichloroethane	10.87	62	387808	17.96	ug/L	#	81
35)	Benzene	10.93	78	918315	23.29	ug/L		98
36)	Trichloroethene	11.68	130	255279	19.96	ug/L		84
37)	1,2-Dichloropropane	11.89	63	176952	18.40	ug/L	#	58
38)	Bromodichloromethane	12.18	83	355376	21.48	ug/L		100
39)	Dibromomethane	12.27	93	127994	22.24	ug/L		91
40)	2-Chloroethyl Vinyl Ether	12.47	63	72274	17.52	ug/L	#	81
41)	4-Methyl-2-Pentanone	12.52	58	34733	11.70	ug/L	#	73
42)	cis-1,3-Dichloropropene	12.82	75	335709	22.55	ug/L		96
43)	Dimethyl Disulfide	13.09	79	182464	20.21	ug/L		86
46)	Toluene	13.25	91	1124098	25.71	ug/L		99
47)	Ethyl Methacrylate	13.33	69	225102	23.41	ug/L		96
48)	trans-1,3-Dichloropropene	13.41	75	366073	24.45	ug/L		90
49)	1,1,2-Trichloroethane	13.63	97	170292	23.93	ug/L		98
50)	2-Hexanone	13.57	43	58100	10.03	ug/L	#	91
51)	1,3-Dichloropropane	13.93	76	321787	24.94	ug/L	#	68
52)	Tetrachloroethene	14.08	164	227834	22.36	ug/L		96
53)	Dibromochloromethane	14.33	129	235350	20.02	ug/L		94
54)	1,2-Dibromoethane	14.59	107	169526	21.85	ug/L		99
55)	1-Chlorohexane	14.67	91	374010	23.24	ug/L	#	75
56)	Chlorobenzene	15.10	112	841373	21.27	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	297363	19.91	ug/L		92
58)	Ethylbenzene	15.12	106	472665	22.41	ug/L		88
59)	m-,p-Xylene	15.21	106	1268840	45.47	ug/L		83
60)	o-Xylene	15.77	106	613585	22.92	ug/L		83
61)	Styrene	15.81	104	1088731	23.45	ug/L		91
62)	Bromoform	16.30	173	163522	17.69	ug/L		99
63)	Isopropylbenzene	16.19	105	1698774	23.33	ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.40	83	248516	20.07	ug/L		99
67)	1,2,3-Trichloropropane	16.60	110	87049	16.62	ug/L		94
68)	trans-1,4-Dichloro-2-Buten	16.63	53	48062	9.87	ug/L	#	35
69)	n-Propylbenzene	16.71	91	2077620	23.29	ug/L		96
70)	Bromobenzene	16.84	156	434435	19.54	ug/L		83
71)	1,3,5-Trimethylbenzene	16.89	105	1655184	21.23	ug/L		93
72)	2-Chlorotoluene	16.98	91	1426291	22.26	ug/L		94
73)	4-Chlorotoluene	17.03	91	1377133	21.01	ug/L		95
74)	a-Methylstyrene	17.29	118	889395	19.67	ug/L		95
75)	tert-Butylbenzene	17.36	119	1355686	19.90	ug/L		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10091.D Vial: 9
Acq On : 20 Jun 2000 13:47 Operator: MES
Sample : WG79282 20PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:10 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

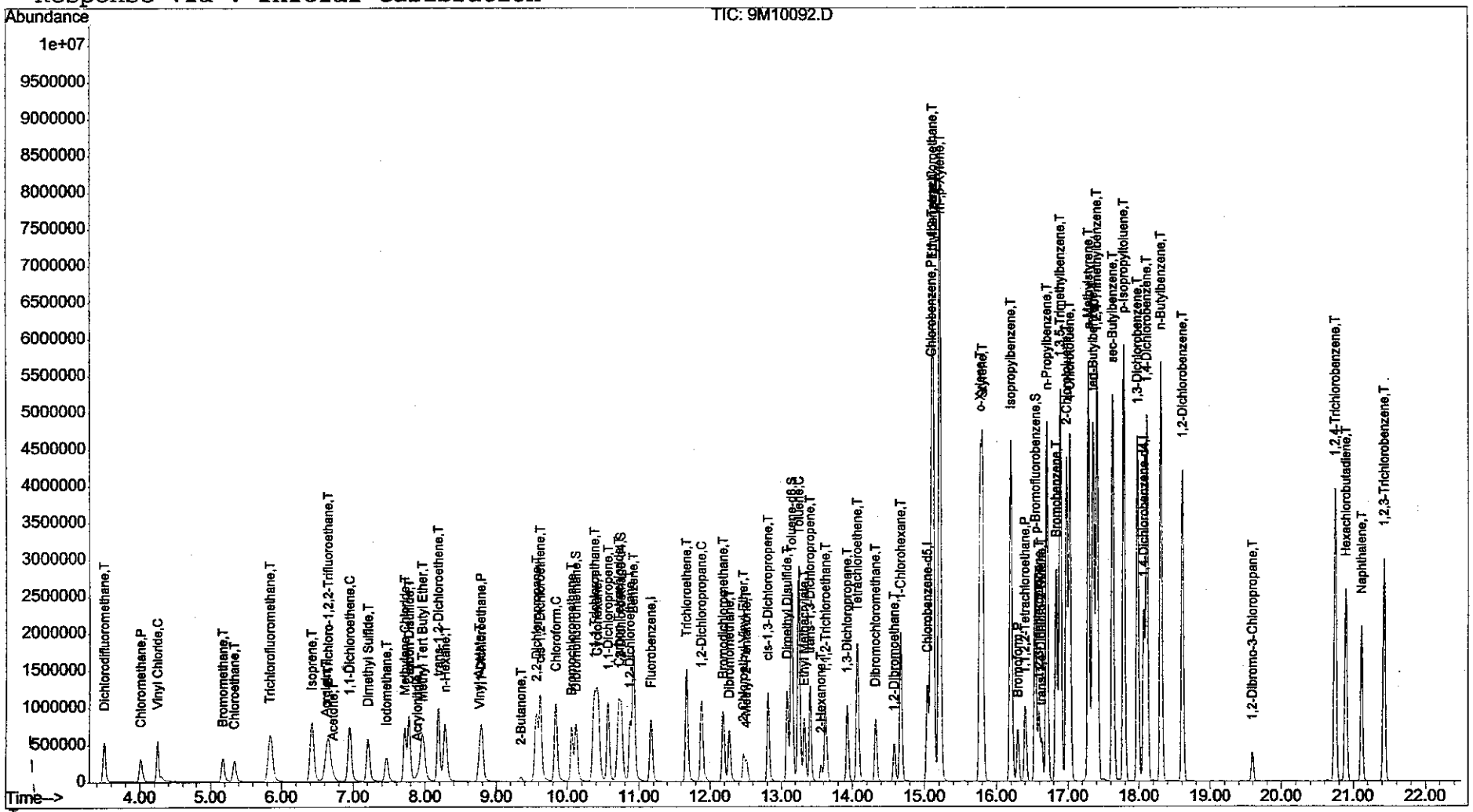
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	17.41	105	1754232	20.86	ug/L		95
77)	sec-Butylbenzene	17.63	105	2030067	21.69	ug/L		100
78)	p-Isopropyltoluene	17.79	119	1896835	21.05	ug/L		99
79)	1,3-Dichlorobenzene	17.98	146	1014263	20.51	ug/L		98
80)	1,4-Dichlorobenzene	18.11	146	1037115	20.26	ug/L		97
81)	n-Butylbenzene	18.31	91	1650493	22.18	ug/L		98
82)	1,2-Dichlorobenzene	18.61	146	929857	20.94	ug/L		96
83)	1,2-Dibromo-3-Chloropropan	19.59	157	55464	18.72	ug/L	#	77
84)	1,2,4-Trichlorobenzene	20.75	180	609780	19.70	ug/L		98
85)	Hexachlorobutadiene	20.90	225	284104	19.99	ug/L		99
86)	Naphthalene	21.12	128	861354	18.41	ug/L		100
87)	1,2,3-Trichlorobenzene	21.42	180	485340	18.05	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10092.D Vial: 10
Acq On : 20 Jun 2000 14:18 Operator: MES
Sample : WG79282 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:41 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10092.D Vial: 10
Acq On : 20 Jun 2000 14:18 Operator: MES
Sample : WG79282 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:41 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	1086196	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.05	117	990381	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	822997	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	678730	45.73	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 182.92%#			
33) 1,2-Dichloroethane-d4	10.75	65	800388	45.11	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 180.44%#			
45) Toluene-d8	13.15	98	2560910	59.95	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 239.80%#			
66) p-Bromofluorobenzene	16.54	95	1313634	47.81	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 191.24%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	850185	43.00	ug/L #	91
3) Chloromethane	4.01	50	583744	29.31	ug/L	89
4) Vinyl Chloride	4.24	62	743931	44.55	ug/L	97
5) Bromomethane	5.18	94	400651	43.02	ug/L #	72
6) Chloroethane	5.34	64	474848	46.98	ug/L #	68
7) Trichlorofluoromethane	5.84	101	1403381	46.35	ug/L	97
8) Isoprene	6.42	67	788306	62.38	ug/L #	73
9) Acrolein	6.61	56	8952	9.87	ug/L	99
10) 1,1,2-Trichloro-1,2,2-Trif	6.65	101	669675	50.89	ug/L #	47
11) Acetone	6.73	43	75685	22.62	ug/L	98
12) 1,1-Dichloroethene	6.95	96	555175	57.84	ug/L	91
13) Dimethyl Sulfide	7.21	62	516239	46.18	ug/L #	77
14) Iodomethane	7.46	142	626067	75.78	ug/L #	85
15) Methylene Chloride	7.72	84	604601	55.34	ug/L #	45
16) Carbon Disulfide	7.78	76	1939008	58.34	ug/L	99
17) Acrylonitrile	7.89	53	71659	25.25	ug/L	95
18) Methyl Tert Butyl Ether	7.96	73	1619208	57.48	ug/L #	86
19) trans-1,2-Dichloroethene	8.18	96	640981	59.16	ug/L	88
20) n-Hexane	8.28	57	601938	35.79	ug/L #	72
21) Vinyl Acetate	8.76	43	532441	31.10	ug/L #	79
22) 1,1-Dichloroethane	8.79	63	1100369	46.21	ug/L #	93
23) 2-Butanone	9.35	43	107422	24.07	ug/L #	60
24) 2,2-Dichloropropane	9.57	77	1208052	48.65	ug/L #	79
25) cis-1,2-Dichloroethene	9.62	96	712504	59.00	ug/L	82
26) Chloroform	9.84	83	1323000	52.02	ug/L	95
27) Bromochloromethane	10.06	128	308375	51.49	ug/L #	65
29) 1,1,1-Trichloroethane	10.38	97	1311431	49.05	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10092.D Vial: 10
Acq On : 20 Jun 2000 14:18 Operator: MES
Sample : WG79282 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:41 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.42	56	740720	36.23	ug/L	#	46
31)	1,1-Dichloropropene	10.57	75	806545	55.50	ug/L		91
32)	Carbon Tetrachloride	10.72	117	1122144	46.23	ug/L		98
34)	1,2-Dichloroethane	10.88	62	977625	41.65	ug/L	#	89
35)	Benzene	10.93	78	2481537	57.90	ug/L		99
36)	Trichloroethene	11.68	130	692275	49.81	ug/L		85
37)	1,2-Dichloropropane	11.89	63	486733	46.58	ug/L	#	65
38)	Bromodichloromethane	12.19	83	916525	50.97	ug/L		99
39)	Dibromomethane	12.27	93	326769	52.25	ug/L		95
40)	2-Chloroethyl Vinyl Ether	12.47	63	211186	47.10	ug/L	#	83
41)	4-Methyl-2-Pentanone	12.51	58	97955	30.36	ug/L	#	69
42)	cis-1,3-Dichloropropene	12.81	75	912533	56.39	ug/L		97
43)	Dimethyl Disulfide	13.09	79	544397	55.49	ug/L		88
46)	Toluene	13.25	91	3041268	63.76	ug/L		98
47)	Ethyl Methacrylate	13.33	69	628720	59.92	ug/L		97
48)	trans-1,3-Dichloropropene	13.41	75	961974	58.90	ug/L		92
49)	1,1,2-Trichloroethane	13.63	97	441377	56.84	ug/L		99
50)	2-Hexanone	13.57	43	172568	27.30	ug/L	#	89
51)	1,3-Dichloropropane	13.94	76	834847	59.32	ug/L	#	67
52)	Tetrachloroethene	14.08	164	610468	54.90	ug/L		98
53)	Dibromochloromethane	14.33	129	624380	48.69	ug/L		94
54)	1,2-Dibromoethane	14.59	107	446987	52.82	ug/L		97
55)	1-Chlorohexane	14.67	91	1025935	58.44	ug/L	#	75
56)	Chlorobenzene	15.09	112	2243589	51.98	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	774718	47.53	ug/L		93
58)	Ethylbenzene	15.12	106	1295758	56.31	ug/L		92
59)	m-,p-Xylene	15.21	106	3424353	112.47	ug/L		88
60)	o-Xylene	15.78	106	1656121	56.71	ug/L		88
61)	Styrene	15.80	104	2897314	57.21	ug/L		94
62)	Bromoform	16.30	173	435544	43.19	ug/L		99
63)	Isopropylbenzene	16.20	105	4450959	56.03	ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.40	83	644328	48.95	ug/L		99
67)	1,2,3-Trichloropropane	16.59	110	223470	40.14	ug/L		95
68)	trans-1,4-Dichloro-2-Buten	16.63	53	137648	26.60	ug/L	#	57
69)	n-Propylbenzene	16.71	91	5379662	56.74	ug/L		96
70)	Bromobenzene	16.84	156	1123836	47.56	ug/L		81
71)	1,3,5-Trimethylbenzene	16.89	105	4322963	52.16	ug/L		94
72)	2-Chlorotoluene	16.98	91	3493895	51.31	ug/L		96
73)	4-Chlorotoluene	17.03	91	3690286	52.98	ug/L		95
74)	a-Methylstyrene	17.29	118	2409886	50.15	ug/L		96
75)	tert-Butylbenzene	17.36	119	3481516	48.09	ug/L		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10092.D Vial: 10
Acq On : 20 Jun 2000 14:18 Operator: MES
Sample : WG79282 50PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 14:41 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

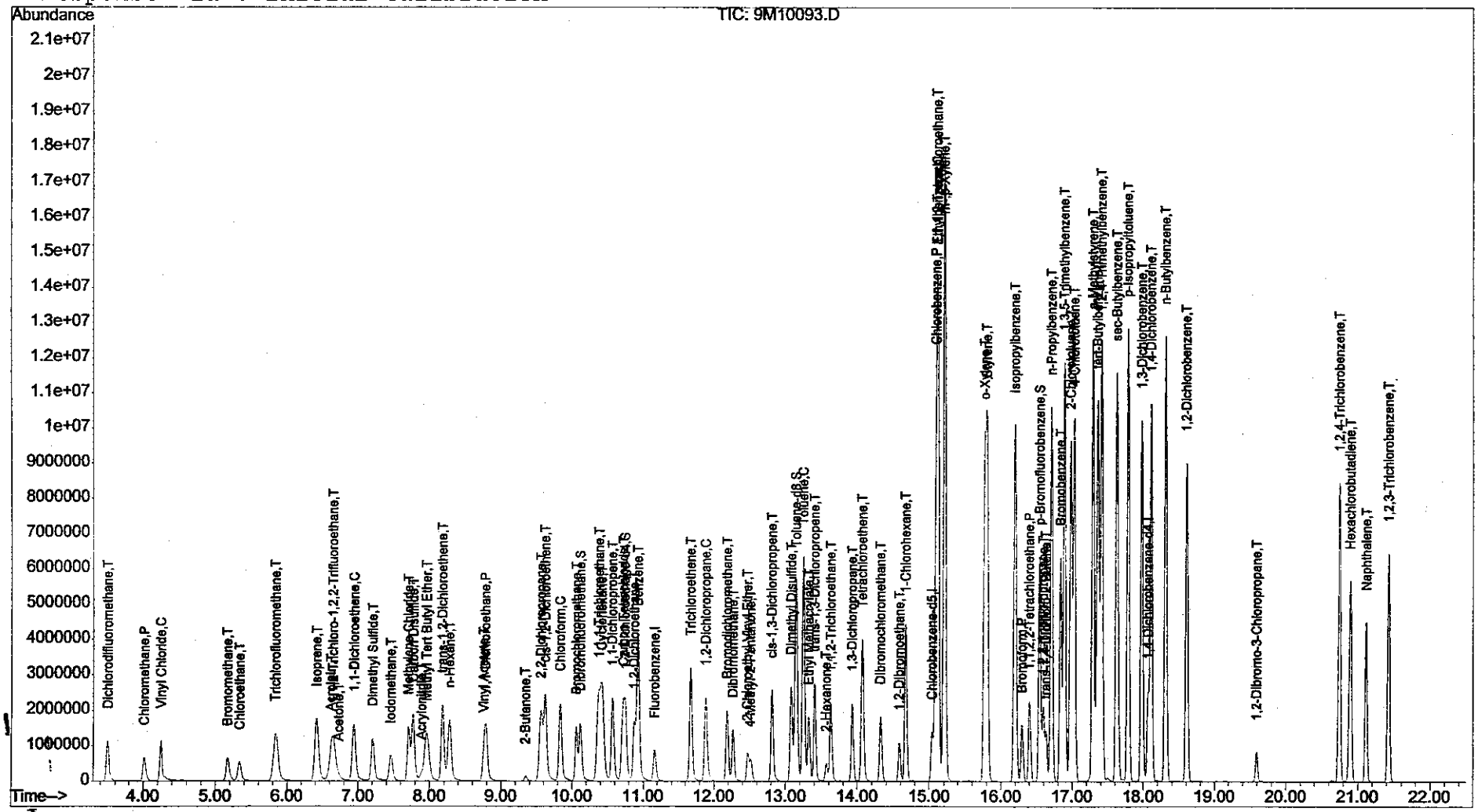
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.41	105	4575166	51.19	ug/L	96
77)	sec-Butylbenzene	17.63	105	5286303	53.15	ug/L	99
78)	p-Isopropyltoluene	17.78	119	4954422	51.73	ug/L	98
79)	1,3-Dichlorobenzene	17.99	146	2631690	50.06	ug/L	98
80)	1,4-Dichlorobenzene	18.11	146	2693289	49.50	ug/L	99
81)	n-Butylbenzene	18.31	91	4373928	55.30	ug/L	98
82)	1,2-Dichlorobenzene	18.61	146	2397194	50.78	ug/L	97
83)	1,2-Dibromo-3-Chloropropan	19.59	157	145530	46.21	ug/L	82
84)	1,2,4-Trichlorobenzene	20.75	180	1602620	48.71	ug/L	99
85)	Hexachlorobutadiene	20.90	225	739075	48.92	ug/L	98
86)	Naphthalene	21.12	128	2230585	44.87	ug/L	100
87)	1,2,3-Trichlorobenzene	21.42	180	1245580	43.59	ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10093.D Vial: 11
Acq On : 20 Jun 2000 14:50 Operator: MES
Sample : WG79282 100PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:12 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10093.D Vial: 11
Acq On : 20 Jun 2000 14:50 Operator: MES
Sample : WG79282 100PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:12 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	1159617	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.05	117	1076414	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	894058	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	1444196	91.14	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 364.56%#			
33) 1,2-Dichloroethane-d4	10.76	65	1619861	85.51	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 342.04%#			
45) Toluene-d8	13.15	98	5492421	118.30	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 473.20%#			
66) p-Bromofluorobenzene	16.54	95	2924588	97.98	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 391.92%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	1801177	85.33	ug/L #	90
3) Chloromethane	4.01	50	1228863	57.79	ug/L	89
4) Vinyl Chloride	4.24	62	1483865	83.24	ug/L	96
5) Bromomethane	5.17	94	860127	86.52	ug/L #	70
6) Chloroethane	5.33	64	971215	90.00	ug/L #	70
7) Trichlorofluoromethane	5.84	101	2928430	90.59	ug/L	97
8) Isoprene	6.42	67	1782648	132.13	ug/L #	73
9) Acrolein	6.61	56	25038	25.85	ug/L	94
10) 1,1,2-Trichloro-1,2,2-Trif	6.65	101	1435247	102.17	ug/L #	45
11) Acetone	6.73	43	165560	46.34	ug/L	99
12) 1,1-Dichloroethene	6.94	96	1253688	122.35	ug/L	87
13) Dimethyl Sulfide	7.21	62	1115268	93.46	ug/L #	76
14) Iodomethane	7.46	142	1424283	161.49	ug/L	88
15) Methylene Chloride	7.72	84	1297465	111.24	ug/L #	45
16) Carbon Disulfide	7.78	76	4236378	119.40	ug/L	99
17) Acrylonitrile	7.89	53	162453	53.62	ug/L	98
18) Methyl Tert Butyl Ether	7.96	73	3485974	115.91	ug/L #	86
19) trans-1,2-Dichloroethene	8.18	96	1420985	122.85	ug/L	88
20) n-Hexane	8.27	57	1402429	78.10	ug/L #	73
21) Vinyl Acetate	8.75	43	1193376	65.29	ug/L #	81
22) 1,1-Dichloroethane	8.79	63	2396337	94.26	ug/L #	93
23) 2-Butanone	9.35	43	234154	49.14	ug/L #	59
24) 2,2-Dichloropropane	9.57	77	2696177	101.70	ug/L #	78
25) cis-1,2-Dichloroethene	9.63	96	1559228	120.94	ug/L	81
26) Chloroform	9.84	83	2790181	102.77	ug/L	96
27) Bromochloromethane	10.06	128	661325	103.44	ug/L #	65
29) 1,1,1-Trichloroethane	10.38	97	2748128	96.28	ug/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10093.D Vial: 11
Acq On : 20 Jun 2000 14:50 Operator: MES
Sample : WG79282 100PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:12 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.42	56	1722602	78.91	ug/L	#	51
31)	1,1-Dichloropropene	10.57	75	1770551	114.12	ug/L		92
32)	Carbon Tetrachloride	10.72	117	2361754	91.13	ug/L		98
34)	1,2-Dichloroethane	10.88	62	2002344	79.91	ug/L	#	90
35)	Benzene	10.93	78	5484367	119.87	ug/L		99
36)	Trichloroethene	11.68	130	1523455	102.67	ug/L		86
37)	1,2-Dichloropropane	11.89	63	1079796	96.78	ug/L	#	73
38)	Bromodichloromethane	12.19	83	1932734	100.69	ug/L		99
39)	Dibromomethane	12.27	93	692843	103.76	ug/L		95
40)	2-Chloroethyl Vinyl Ether	12.47	63	455910	95.24	ug/L	#	81
41)	4-Methyl-2-Pentanone	12.51	58	215101	62.45	ug/L	#	71
42)	cis-1,3-Dichloropropene	12.82	75	1995836	115.53	ug/L		98
43)	Dimethyl Disulfide	13.09	79	1211879	115.70	ug/L		90
46)	Toluene	13.25	91	6591787	127.15	ug/L		98
47)	Ethyl Methacrylate	13.33	69	1345177	117.96	ug/L		98
48)	trans-1,3-Dichloropropene	13.41	75	2061331	116.12	ug/L		93
49)	1,1,2-Trichloroethane	13.63	97	948029	112.33	ug/L		99
50)	2-Hexanone	13.57	43	379864	55.29	ug/L	#	86
51)	1,3-Dichloropropane	13.93	76	1779551	116.34	ug/L	#	66
52)	Tetrachloroethene	14.07	164	1332779	110.29	ug/L		98
53)	Dibromochloromethane	14.33	129	1348874	96.79	ug/L		94
54)	1,2-Dibromoethane	14.59	107	974085	105.90	ug/L		99
55)	1-Chlorohexane	14.67	91	2270027	118.97	ug/L	#	74
56)	Chlorobenzene	15.09	112	4937031	105.25	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	1650447	93.17	ug/L		93
58)	Ethylbenzene	15.12	106	2885971	115.39	ug/L		96
59)	m-,p-Xylene	15.21	106	7467119	225.66	ug/L		96
60)	o-Xylene	15.77	106	3663232	115.41	ug/L		91
61)	Styrene	15.80	104	6441686	117.02	ug/L		96
62)	Bromoform	16.30	173	1023761	93.40	ug/L		100
63)	Isopropylbenzene	16.20	105	9712077	112.48	ug/L		99
65)	1,1,2,2-Tetrachloroethane	16.40	83	1466318	102.55	ug/L		99
67)	1,2,3-Trichloropropane	16.59	110	502472	83.07	ug/L		88
68)	trans-1,4-Dichloro-2-Buten	16.63	53	338090	60.15	ug/L	#	65
69)	n-Propylbenzene	16.71	91	11708423	113.68	ug/L		98
70)	Bromobenzene	16.84	156	2513156	97.91	ug/L		83
71)	1,3,5-Trimethylbenzene	16.89	105	9550664	106.08	ug/L		96
72)	2-Chlorotoluene	16.98	91	7742331	104.66	ug/L		97
73)	4-Chlorotoluene	17.03	91	8095010	106.97	ug/L		97
74)	a-Methylstyrene	17.29	118	5396504	103.38	ug/L		97
75)	tert-Butylbenzene	17.36	119	7729603	98.27	ug/L		93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10093.D Vial: 11
Acq On : 20 Jun 2000 14:50 Operator: MES
Sample : WG79282 100PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:12 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

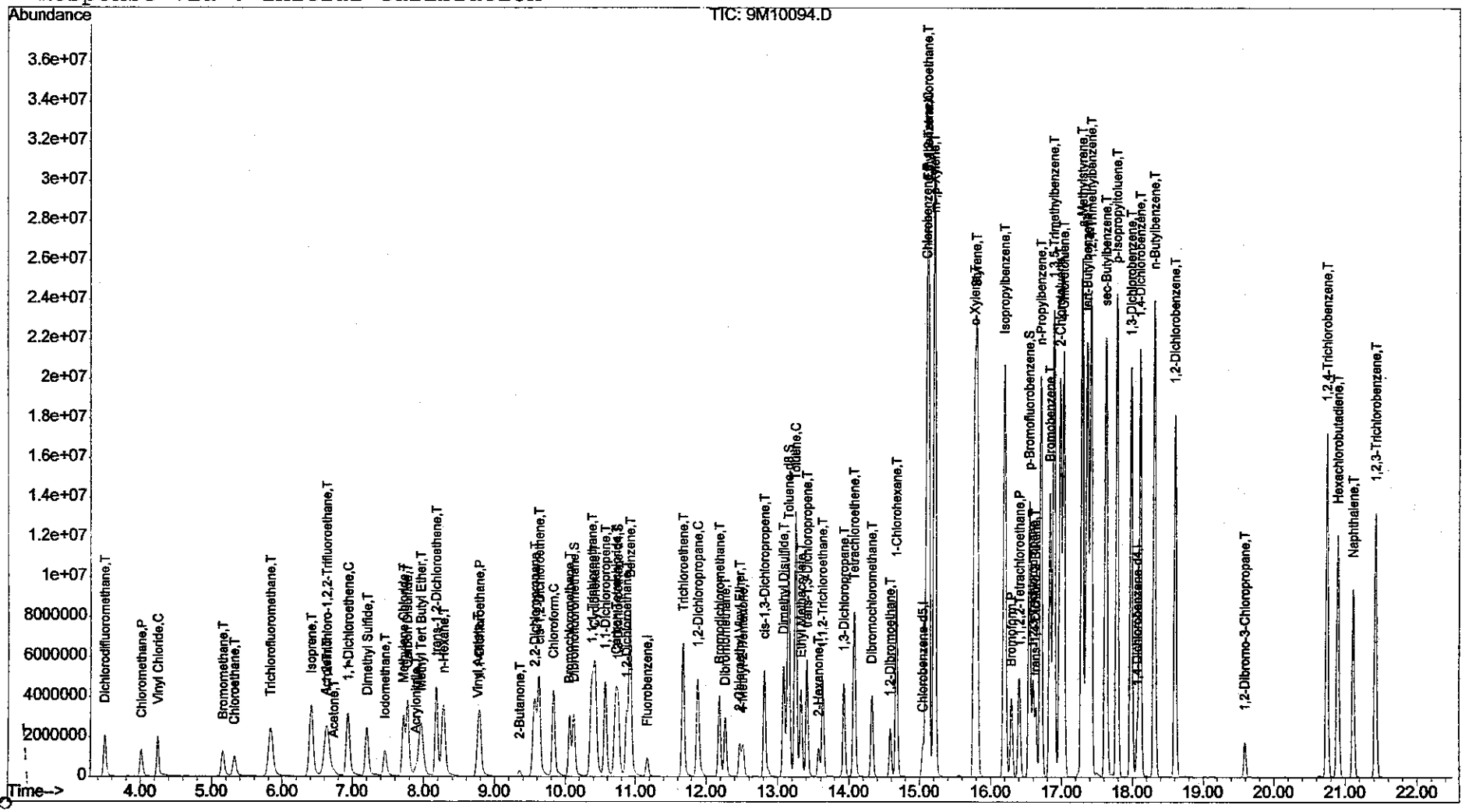
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.42	105	10026200	103.27	ug/L	98
77)	sec-Butylbenzene	17.63	105	11717070	108.45	ug/L	98
78)	p-Isopropyltoluene	17.78	119	10867188	104.45	ug/L	96
79)	1,3-Dichlorobenzene	17.99	146	5793197	101.44	ug/L	98
80)	1,4-Dichlorobenzene	18.11	146	5867308	99.27	ug/L	99
81)	n-Butylbenzene	18.31	91	9683336	112.69	ug/L	100
82)	1,2-Dichlorobenzene	18.61	146	5161845	100.66	ug/L	97
83)	1,2-Dibromo-3-Chloropropan	19.59	157	321829	94.07	ug/L	89
84)	1,2,4-Trichlorobenzene	20.75	180	3519270	98.46	ug/L	99
85)	Hexachlorobutadiene	20.90	225	1655090	100.84	ug/L	96
86)	Naphthalene	21.12	128	4825607	89.35	ug/L	100
87)	1,2,3-Trichlorobenzene	21.43	180	2723279	87.72	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10094.D Vial: 12
Acq On : 20 Jun 2000 15:21 Operator: MES
Sample : WG79282 200PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:44 2000 Quant Results File: 8260WT.RES

Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10094.D Vial: 12
Acq On : 20 Jun 2000 15:21 Operator: MES
Sample : WG79282 200PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:44 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	1228184	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.04	117	1249975	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	993285	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	2802257	166.97	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 667.88%#			
33) 1,2-Dichloroethane-d4	10.76	65	2983675	148.71	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 594.84%#			
45) Toluene-d8	13.15	98	10938056	202.87	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 811.48%#			
66) p-Bromofluorobenzene	16.54	95	6402787	193.08	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 772.32%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	3432603	153.53	ug/L #	90
3) Chloromethane	4.01	50	2461884	109.32	ug/L	89
4) Vinyl Chloride	4.24	62	2560009	135.59	ug/L	96
5) Bromomethane	5.15	94	1747422	165.95	ug/L #	73
6) Chloroethane	5.32	64	1798904	157.39	ug/L #	68
7) Trichlorofluoromethane	5.83	101	5502823	160.72	ug/L	96
8) Isoprene	6.41	67	3678565	257.43	ug/L #	69
9) Acrolein	6.62	56	59434	57.93	ug/L	90
10) 1,1,2-Trichloro-1,2,2-Trif	6.63	101	2888922	194.17	ug/L #	47
11) Acetone	6.74	43	322770	85.30	ug/L	99
12) 1,1-Dichloroethene	6.94	96	2566963	236.52	ug/L	83
13) Dimethyl Sulfide	7.20	62	2317660	183.37	ug/L #	74
14) Iodomethane	7.46	142	2740896	293.42	ug/L	92
15) Methylene Chloride	7.71	84	2704846	218.96	ug/L #	45
16) Carbon Disulfide	7.77	76	8725477	232.19	ug/L	100
17) Acrylonitrile	7.89	53	396639	123.61	ug/L	90
18) Methyl Tert Butyl Ether	7.97	73	6883444	216.10	ug/L #	88
19) trans-1,2-Dichloroethene	8.18	96	2951650	240.94	ug/L	87
20) n-Hexane	8.27	57	2991579	157.30	ug/L #	75
21) Vinyl Acetate	8.76	43	2388441	123.37	ug/L #	79
22) 1,1-Dichloroethane	8.79	63	4929028	183.06	ug/L #	93
23) 2-Butanone	9.35	43	513279	101.70	ug/L #	60
24) 2,2-Dichloropropane	9.57	77	5359517	190.88	ug/L #	75
25) cis-1,2-Dichloroethene	9.63	96	3304100	241.96	ug/L	79
26) Chloroform	9.83	83	5631292	195.83	ug/L	96
27) Bromochloromethane	10.06	128	1356599	200.34	ug/L #	66
29) 1,1,1-Trichloroethane	10.37	97	5392635	178.37	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10094.D Vial: 12
Acq On : 20 Jun 2000 15:21 Operator: MES
Sample : WG79282 200PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:44 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.42	56	3746769	162.06	ug/L	#	55
31)	1,1-Dichloropropene	10.57	75	3644024	221.76	ug/L		93
32)	Carbon Tetrachloride	10.72	117	4620635	168.34	ug/L		97
34)	1,2-Dichloroethane	10.87	62	3867563	145.74	ug/L	#	83
35)	Benzene	10.93	78	11516513	237.66	ug/L		98
36)	Trichloroethene	11.68	130	3211518	204.36	ug/L		86
37)	1,2-Dichloropropane	11.89	63	2327327	196.96	ug/L	#	82
38)	Bromodichloromethane	12.19	83	3874190	190.56	ug/L		100
39)	Dibromomethane	12.27	93	1404505	198.60	ug/L		96
40)	2-Chloroethyl Vinyl Ether	12.47	63	977031	192.71	ug/L	#	81
41)	4-Methyl-2-Pentanone	12.52	58	576070	157.91	ug/L	#	73
42)	cis-1,3-Dichloropropene	12.82	75	4160026	227.37	ug/L		99
43)	Dimethyl Disulfide	13.08	79	2565404	231.26	ug/L		91
46)	Toluene	13.25	91	13659887	226.90	ug/L		95
47)	Ethyl Methacrylate	13.33	69	3199269	241.59	ug/L		97
48)	trans-1,3-Dichloropropene	13.41	75	4309498	209.06	ug/L		95
49)	1,1,2-Trichloroethane	13.63	97	2102068	214.48	ug/L		98
50)	2-Hexanone	13.57	43	1112241	139.42	ug/L	#	84
51)	1,3-Dichloropropane	13.93	76	3815423	214.80	ug/L	#	65
52)	Tetrachloroethene	14.08	164	2814802	200.58	ug/L		100
53)	Dibromochloromethane	14.33	129	3044086	188.10	ug/L		94
54)	1,2-Dibromoethane	14.58	107	2173791	203.52	ug/L		98
55)	1-Chlorohexane	14.67	91	4888808	220.65	ug/L	#	72
56)	Chlorobenzene	15.10	112	10610760	194.79	ug/L		98
57)	1,1,1,2-Tetrachloroethane	15.12	131	3566116	173.36	ug/L		93
58)	Ethylbenzene	15.12	106	6192661	213.23	ug/L		90
59)	m-,p-Xylene	15.21	106	14846382	386.36	ug/L		84
60)	o-Xylene	15.77	106	8149736	221.11	ug/L		100
61)	Styrene	15.81	104	14095063	220.50	ug/L		95
62)	Bromoform	16.30	173	2533087	199.00	ug/L		100
63)	Isopropylbenzene	16.20	105	19549918	194.98	ug/L		94
65)	1,1,2,2-Tetrachloroethane	16.40	83	3298533	207.64	ug/L		98
67)	1,2,3-Trichloropropane	16.60	110	1150975	171.28	ug/L		74
68)	trans-1,4-Dichloro-2-Buten	16.64	53	803405	128.65	ug/L	#	1
69)	n-Propylbenzene	16.71	91	21916223	191.54	ug/L		92
70)	Bromobenzene	16.84	156	5817650	204.01	ug/L		84
71)	1,3,5-Trimethylbenzene	16.90	105	18737736	187.34	ug/L		97
72)	2-Chlorotoluene	16.98	91	15685635	190.86	ug/L		97
73)	4-Chlorotoluene	17.03	91	16309646	194.00	ug/L		97
74)	a-Methylstyrene	17.29	118	11515113	198.56	ug/L		96
75)	tert-Butylbenzene	17.36	119	15987867	182.96	ug/L		91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10094.D Vial: 12
Acq On : 20 Jun 2000 15:21 Operator: MES
Sample : WG79282 200PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 15:44 2000 Quant Results File: 8260WT.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9
Last Update : Thu May 25 08:35:37 2000
Response via : Initial Calibration
DataAcq Meth : 8260WT

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	17.42	105	19031358	176.44	ug/L		95
77)	sec-Butylbenzene	17.63	105	22131670	184.39	ug/L	#	91
78)	p-Isopropyltoluene	17.79	119	20154857	174.36	ug/L	#	88
79)	1,3-Dichlorobenzene	17.99	146	12001246	189.15	ug/L		96
80)	1,4-Dichlorobenzene	18.12	146	12014120	182.96	ug/L		97
81)	n-Butylbenzene	18.31	91	18374335	192.47	ug/L		95
82)	1,2-Dichlorobenzene	18.61	146	10623458	186.47	ug/L		96
83)	1,2-Dibromo-3-Chloropropan	19.59	157	706583	185.89	ug/L		95
84)	1,2,4-Trichlorobenzene	20.75	180	7364636	185.45	ug/L		99
85)	Hexachlorobutadiene	20.90	225	3589028	196.83	ug/L		94
86)	Naphthalene	21.12	128	10087125	168.11	ug/L		99
87)	1,2,3-Trichlorobenzene	21.42	180	5669393	164.38	ug/L		98

(#) = qualifier out of range (m) = manual integration

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	116	0.00
2	T	Dichlorodifluoromethane	20.000	23.803	-19.0	126	0.00
3	P	Chloromethane	20.000	23.486	-17.4	128	-0.05
4	C	Vinyl Chloride	20.000	18.550	7.2	105	0.00
5	T	Bromomethane	20.000	30.701	-53.5#	172	0.00
6	T	Chloroethane	20.000	18.670	6.6	104	0.00
7	T	Trichlorofluoromethane	20.000	19.989	0.1	108	0.00
8	T	Isoprene	20.000	0.000	100.0#	0	-6.42#
9	T	Acrolein	40.000	0.000	100.0#	0	-6.61#
10	T	1,1,2-Trichloro-1,2,2-Trifl	20.000	0.047	99.8#	0	0.00
11	T	Acetone	20.000	19.432	2.8	124	0.00
12	C	1,1-Dichloroethene	20.000	23.091	-15.5	123	0.00
13	T	Dimethyl Sulfide	20.000	0.000	100.0#	0	-7.21#
14	T	Iodomethane	20.000	21.171	-5.9	142	0.00
15	T	Methylene Chloride	20.000	21.313	-6.6	120	0.00
16	T	Carbon Disulfide	20.000	17.645	11.8	98	0.00
17	T	Acrylonitrile	20.000	3.610	82.0#	23	0.07
18	T	Methyl Tert Butyl Ether	20.000	18.619	6.9	106	0.00
19	T	trans-1,2-Dichloroethene	20.000	23.656	-18.3	128	0.00
20	T	n-Hexane	20.000	20.565	-2.8	119	0.00
21	T	Vinyl Acetate	20.000	6.035	69.8#	35	0.00
22	P	1,1-Dichloroethane	20.000	21.126	-5.6	117	0.00
23	T	2-Butanone	20.000	18.594	7.0	110	0.00
24	T	2,2-Dichloropropane	20.000	22.243	-11.2	116	0.00
25	T	cis-1,2-Dichloroethene	20.000	21.683	-8.4	120	0.00
26	C	Chloroform	20.000	21.298	-6.5	116	0.00
27	T	Bromochloromethane	20.000	22.545	-12.7	117	0.00
28	S	Dibromofluoromethane	20.000	24.979	-24.9	133	0.00
29	T	1,1,1-Trichloroethane	20.000	21.183	-5.9	114	0.00
30	T	Cyclohexane	20.000	0.008	100.0#	0	-0.01
31	T	1,1-Dichloropropene	20.000	25.287	-26.4#	137	0.00
32	T	Carbon Tetrachloride	20.000	21.661	-8.3	114	-0.01
33	S	1,2-Dichloroethane-d4	20.000	23.158	-15.8	123	0.00
34	T	1,2-Dichloroethane	20.000	20.148	-0.7	107	0.00
35	T	Benzene	20.000	22.022	-10.1	120	0.00
36	T	Trichloroethene	20.000	22.592	-13.0	122	0.00
37	C	1,2-Dichloropropane	20.000	21.828	-9.1	119	0.00
38	T	Bromodichloromethane	20.000	21.654	-8.3	113	0.00
39	T	Dibromomethane	20.000	20.954	-4.8	108	0.00
40	T	2-Chloroethyl Vinyl Ether	20.000	17.625	11.9	112	0.00
41	T	4-Methyl-2-Pentanone	20.000	21.425	-7.1	112	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	20.000	21.776	-8.9	127	0.00
43	T	Dimethyl Disulfide	20.000	0.027	99.9#	0	0.06
44	I	Chlorobenzene-d5	25.000	25.000	0.0	114	0.00
45	S	Toluene-d8	20.000	25.196	-26.0#	139	0.00
46	C	Toluene	20.000	22.461	-12.3	117	0.00
47	T	Ethyl Methacrylate	20.000	0.000	100.0#	0	-13.33#
48	T	trans-1,3-Dichloropropene	20.000	21.518	-7.6	107	0.00
49	T	1,1,2-Trichloroethane	20.000	21.049	-5.2	107	0.00
50	T	2-Hexanone	20.000	19.367	3.2	103	0.00
51	T	1,3-Dichloropropane	20.000	21.611	-8.1	108	0.00
52	T	Tetrachloroethene	20.000	22.640	-13.2	117	0.00
53	T	Dibromochloromethane	20.000	20.969	-4.8	106	0.00
54	T	1,2-Dibromoethane	20.000	21.807	-9.0	109	0.00
55	T	1-Chlorohexane	20.000	20.831	-4.2	115	0.00
56	P	Chlorobenzene	20.000	21.626	-8.1	114	0.00
57	T	1,1,1,2-Tetrachloroethane	20.000	21.272	-6.4	108	0.00
58	C	Ethylbenzene	20.000	22.048	-10.2	115	0.00
59	T	m-,p-Xylene	40.000	45.581	-14.0	116	0.00
60	T	o-Xylene	20.000	22.538	-12.7	117	0.00
61	T	Styrene	20.000	21.937	-9.7	113	0.00
62	P	Bromoform	20.000	15.257	23.7	96	0.00
63	T	Isopropylbenzene	20.000	18.615	6.9	110	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	108	0.00
65	P	1,1,2,2-Tetrachloroethane	20.000	21.059	-5.3	104	0.00
66	S	p-Bromofluorobenzene	20.000	25.184	-25.9#	136	0.00
67	T	1,2,3-Trichloropropane	20.000	20.353	-1.8	102	0.00
68	T	trans-1,4-Dichloro-2-Butene	20.000	2.844	85.8#	20	0.07
69	T	n-Propylbenzene	20.000	23.404	-17.0	115	0.00
70	T	Bromobenzene	20.000	21.795	-9.0	109	0.00
71	T	1,3,5-Trimethylbenzene	20.000	22.560	-12.8	111	0.00
72	T	2-Chlorotoluene	20.000	22.325	-11.6	104	0.00
73	T	4-Chlorotoluene	20.000	23.538	-17.7	117	0.00
74	T	a-Methylstyrene	20.000	0.041	99.8#	0	0.00
75	T	tert-Butylbenzene	20.000	24.157	-20.8	120	0.00
76	T	1,2,4-Trimethylbenzene	20.000	23.167	-15.8	111	0.00
77	T	sec-Butylbenzene	20.000	21.831	-9.2	107	0.00
78	T	p-Isopropyltoluene	20.000	22.107	-10.5	108	0.00
79	T	1,3-Dichlorobenzene	20.000	22.162	-10.8	109	0.00
80	T	1,4-Dichlorobenzene	20.000	21.468	-7.3	108	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	20.000	22.372	-11.9	111	0.00
82	T	1,2-Dichlorobenzene	20.000	22.069	-10.3	107	0.00
83	T	1,2-Dibromo-3-Chloropropane	20.000	17.961	10.2	97	0.00
84	T	1,2,4-Trichlorobenzene	20.000	22.163	-10.8	106	0.00
85	T	Hexachlorobutadiene	20.000	21.218	-6.1	107	0.00
86	T	Naphthalene	20.000	20.988	-4.9	100	0.00
87	T	1,2,3-Trichlorobenzene	20.000	20.897	-4.5	99	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	116	0.00
2	T	Dichlorodifluoromethane	0.387	0.460	-18.9	126	0.00
3	P	Chloromethane	0.267	0.313	-17.2	128	-0.05
4	C	Vinyl Chloride	0.349	0.340	2.6	105	0.00
5	T	Bromomethane	0.180	0.276	-53.3#	172	0.00
6	T	Chloroethane	0.226	0.211	6.6	104	0.00
7	T	Trichlorofluoromethane	0.628	0.628	0.0	108	0.00
8	T	Isoprene	0.346	0.000	100.0#	0#	-6.42#
9	T	Acrolein	0.002	0.000	100.0#	0#	-6.61#
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.294	0.001	99.7#	0#	0.00
11	T	Acetone	0.037	0.036	2.7	124	0.00
12	C	1,1-Dichloroethene	0.235	0.272	-15.7	123	0.00
13	T	Dimethyl Sulfide	0.223	0.000	100.0#	0#	-7.21#
14	T	Iodomethane	0.214	0.301	-40.7#	142	0.00
15	T	Methylene Chloride	0.274	0.292	-6.6	120	0.00
16	T	Carbon Disulfide	0.864	0.763	11.7	98	0.00
17	T	Acrylonitrile	0.032	0.006	81.3#	23#	0.07
18	T	Methyl Tert Butyl Ether	0.661	0.663	-0.3	106	0.00
19	T	trans-1,2-Dichloroethene	0.269	0.318	-18.2	128	0.00
20	T	n-Hexane	0.275	0.283	-2.9	119	0.00
21	T	Vinyl Acetate	0.226	0.068	69.9#	35#	0.00
22	P	1,1-Dichloroethane	0.482	0.509	-5.6	117	0.00
23	T	2-Butanone	0.048	0.045	6.3	110	0.00
24	T	2,2-Dichloropropane	0.513	0.571	-11.3	116	0.00
25	T	cis-1,2-Dichloroethene	0.306	0.332	-8.5	120	0.00
26	C	Chloroform	0.604	0.643	-6.5	116	0.00
27	T	Bromochloromethane	0.131	0.147	-12.2	117	0.00
28	S	Dibromofluoromethane	0.291	0.364	-25.1#	133	0.00
29	T	1,1,1-Trichloroethane	0.585	0.619	-5.8	114	0.00
30	T	Cyclohexane	0.336	0.000	100.0#	0#	-0.01
31	T	1,1-Dichloropropene	0.355	0.449	-26.5#	137	0.00
32	T	Carbon Tetrachloride	0.492	0.533	-8.3	114	-0.01
33	S	1,2-Dichloroethane-d4	0.353	0.409	-15.9	123	0.00
34	T	1,2-Dichloroethane	0.444	0.448	-0.9	107	0.00
35	T	Benzene	1.080	1.190	-10.2	120	0.00
36	T	Trichloroethene	0.297	0.336	-13.1	122	0.00
37	C	1,2-Dichloropropane	0.208	0.227	-9.1	119	0.00
38	T	Bromodichloromethane	0.403	0.436	-8.2	113	0.00
39	T	Dibromomethane	0.143	0.150	-4.9	108	0.00
40	T	2-Chloroethyl Vinyl Ether	0.076	0.087	-14.5	112	0.00
41	T	4-Methyl-2-Pentanone	0.044	0.042	4.5	112	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.360	0.462	-28.3#	127	0.00
43	T	Dimethyl Disulfide	0.198	0.000	100.0#	0#	0.06
44	I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
45	S	Toluene-d8	1.210	1.524	-26.0#	139	0.00
46	C	Toluene	1.411	1.585	-12.3	117	0.00
47	T	Ethyl Methacrylate	0.297	0.000	100.0#	0#	-13.33#
48	T	trans-1,3-Dichloropropene	0.437	0.471	-7.8	107	0.00
49	T	1,1,2-Trichloroethane	0.209	0.220	-5.3	107	0.00
50	T	2-Hexanone	0.078	0.072	7.7	103	0.00
51	T	1,3-Dichloropropane	0.387	0.418	-8.0	108	0.00
52	T	Tetrachloroethene	0.283	0.321	-13.4	117	0.00
53	T	Dibromochloromethane	0.286	0.300	-4.9	106	0.00
54	T	1,2-Dibromoethane	0.205	0.224	-9.3	109	0.00
55	T	1-Chlorohexane	0.457	0.518	-13.3	115	0.00
56	P	Chlorobenzene	1.071	1.158	-8.1	114	0.00
57	T	1,1,1,2-Tetrachloroethane	0.363	0.386	-6.3	108	0.00
58	C	Ethylbenzene	0.596	0.657	-10.2	115	0.00
59	T	m-,p-Xylene	0.781	0.890	-14.0	116	0.00
60	T	o-Xylene	0.765	0.863	-12.8	117	0.00
61	T	Styrene	1.354	1.485	-9.7	113	0.00
62	P	Bromoform	0.206	0.190	7.8	96	0.00
63	T	Isopropylbenzene	1.953	2.247	-15.1	110	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	108	0.00
65	P	1,1,2,2-Tetrachloroethane	0.366	0.386	-5.5	104	0.00
66	S	p-Bromofluorobenzene	0.765	0.963	-25.9#	136	0.00
67	T	1,2,3-Trichloropropane	0.129	0.132	-2.3	102	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.081	0.014	82.7#	20#	0.07
69	T	n-Propylbenzene	3.031	3.547	-17.0	115	0.00
70	T	Bromobenzene	0.646	0.704	-9.0	109	0.00
71	T	1,3,5-Trimethylbenzene	2.311	2.744	-18.7	111	0.00
72	T	2-Chlorotoluene	1.986	2.217	-11.6	104	0.00
73	T	4-Chlorotoluene	2.044	2.405	-17.7	117	0.00
74	T	a-Methylstyrene	1.404	0.003	99.8#	0#	0.00
75	T	tert-Butylbenzene	2.013	2.431	-20.8	120	0.00
76	T	1,2,4-Trimethylbenzene	2.507	2.904	-15.8	111	0.00
77	T	sec-Butylbenzene	2.967	3.239	-9.2	107	0.00
78	T	p-Isopropyltoluene	2.756	3.046	-10.5	108	0.00
79	T	1,3-Dichlorobenzene	1.481	1.641	-10.8	109	0.00
80	T	1,4-Dichlorobenzene	1.554	1.668	-7.3	108	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

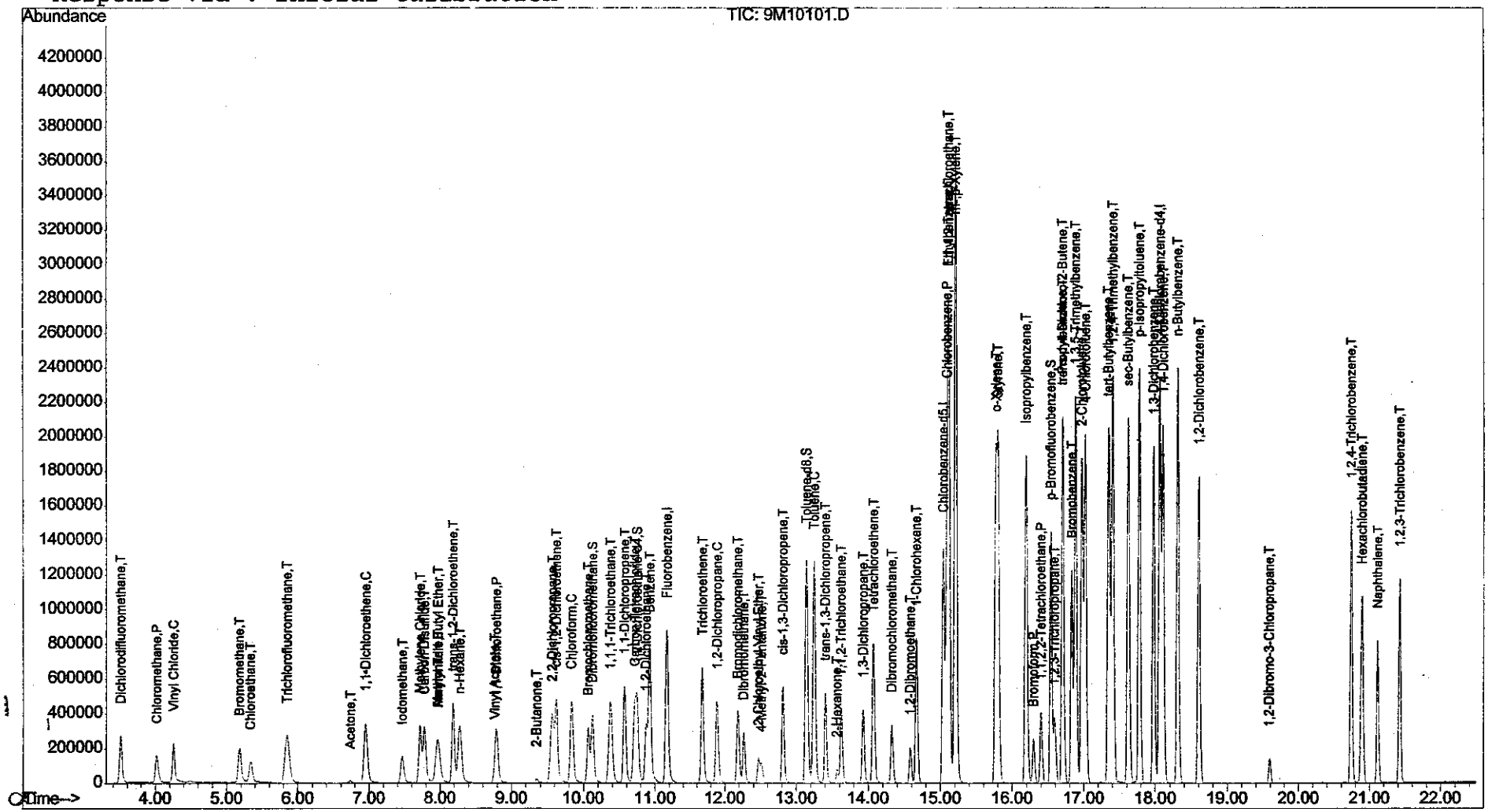
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.445	2.735	-11.9	111	0.00
82	T	1,2-Dichlorobenzene	1.344	1.483	-10.3	107	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.072	0.080	-11.1	97	0.00
84	T	1,2,4-Trichlorobenzene	0.867	0.960	-10.7	106	0.00
85	T	Hexachlorobutadiene	0.429	0.455	-6.1	107	0.00
86	T	Naphthalene	1.226	1.286	-4.9	100	0.00
87	T	1,2,3-Trichlorobenzene	0.687	0.718	-4.5	99	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:16 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.17	96	1156166	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.04	117	1036078	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	838602	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	336290	24.98	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.92%			
33) 1,2-Dichloroethane-d4	10.76	65	378470	23.16	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 92.64%			
45) Toluene-d8	13.15	98	1263351	25.20	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 100.80%			
66) p-Bromofluorobenzene	16.54	95	646103	25.18	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 100.72%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.50	85	425697	23.80	ug/L #	91
3) Chloromethane	4.01	50	289818	23.49	ug/L	89
4) Vinyl Chloride	4.25	62	314552	18.55	ug/L	96
5) Bromomethane	5.18	94	255135	30.70	ug/L #	72
6) Chloroethane	5.34	64	195234	18.67	ug/L #	68
7) Trichlorofluoromethane	5.84	101	580943	19.99	ug/L	97
11) Acetone	6.73	43	32964	19.43	ug/L	94
12) 1,1-Dichloroethene	6.95	96	251180	23.09	ug/L	88
14) Iodomethane	7.46	142	278263	21.17	ug/L #	87
15) Methylene Chloride	7.72	84	270112	21.31	ug/L #	45
16) Carbon Disulfide	7.77	76	705404	17.64	ug/L	98
17) Acrylonitrile	7.97	53	5411	3.61	ug/L #	13
18) Methyl Tert Butyl Ether	7.97	73	613424	18.62	ug/L #	86
19) trans-1,2-Dichloroethene	8.18	96	294134	23.66	ug/L	89
20) n-Hexane	8.28	57	261528	20.56	ug/L #	74
21) Vinyl Acetate	8.76	43	62970	6.04	ug/L #	75
22) 1,1-Dichloroethane	8.79	63	470905	21.13	ug/L #	92
23) 2-Butanone	9.35	43	41695	18.59	ug/L #	57
24) 2,2-Dichloropropane	9.57	77	528180	22.24	ug/L #	79
25) cis-1,2-Dichloroethene	9.63	96	307127	21.68	ug/L	82
26) Chloroform	9.84	83	595031	21.30	ug/L	97
27) Bromochloromethane	10.06	128	136267	22.55	ug/L #	65
29) 1,1,1-Trichloroethane	10.37	97	572724	21.18	ug/L	99
31) 1,1-Dichloropropene	10.57	75	415161	25.29	ug/L	91
32) Carbon Tetrachloride	10.71	117	492785	21.66	ug/L	98
34) 1,2-Dichloroethane	10.87	62	413936	20.15	ug/L #	81
35) Benzene	10.93	78	1100397	22.02	ug/L	98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Trichloroethene	11.68	130	310505	22.59	ug/L		87
37)	1,2-Dichloropropane	11.89	63	209734	21.83	ug/L	#	66
38)	Bromodichloromethane	12.18	83	403141	21.65	ug/L		100
39)	Dibromomethane	12.27	93	138809	20.95	ug/L		93
40)	2-Chloroethyl Vinyl Ether	12.47	63	80668	17.62	ug/L	#	79
41)	4-Methyl-2-Pentanone	12.52	58	38833	21.43	ug/L	#	70
42)	cis-1,3-Dichloropropene	12.82	75	427364	21.78	ug/L		97
46)	Toluene	13.25	91	1313555	22.46	ug/L		98
48)	trans-1,3-Dichloropropene	13.41	75	390107	21.52	ug/L		91
49)	1,1,2-Trichloroethane	13.63	97	182266	21.05	ug/L		97
50)	2-Hexanone	13.57	43	59942	19.37	ug/L	#	90
51)	1,3-Dichloropropane	13.93	76	346679	21.61	ug/L	#	67
52)	Tetrachloroethene	14.08	164	265844	22.64	ug/L		98
53)	Dibromochloromethane	14.33	129	248600	20.97	ug/L		95
54)	1,2-Dibromoethane	14.58	107	185345	21.81	ug/L		99
55)	1-Chlorohexane	14.67	91	429599	20.83	ug/L	#	74
56)	Chlorobenzene	15.09	112	959610	21.63	ug/L		99
57)	1,1,1,2-Tetrachloroethane	15.12	131	320169	21.27	ug/L		92
58)	Ethylbenzene	15.12	106	544279	22.05	ug/L		89
59)	m-,p-Xylene	15.21	106	1476048	45.58	ug/L		86
60)	o-Xylene	15.77	106	714910	22.54	ug/L		86
61)	Styrene	15.81	104	1231070	21.94	ug/L		93
62)	Bromoform	16.30	173	157088	15.26	ug/L		99
63)	Isopropylbenzene	16.20	105	1862648	18.62	ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.40	83	258746	21.06	ug/L		99
67)	1,2,3-Trichloropropane	16.59	110	88366	20.35	ug/L		73
68)	trans-1,4-Dichloro-2-Buten	16.70	53	9423	2.84	ug/L	#	1
69)	n-Propylbenzene	16.70	91	2379329	23.40	ug/L		96
70)	Bromobenzene	16.84	156	472197	21.79	ug/L		81
71)	1,3,5-Trimethylbenzene	16.89	105	1840625	22.56	ug/L		93
72)	2-Chlorotoluene	16.98	91	1487575	22.33	ug/L		95
73)	4-Chlorotoluene	17.03	91	1613673	23.54	ug/L		91
75)	tert-Butylbenzene	17.36	119	1630836	24.16	ug/L	#	85
76)	1,2,4-Trimethylbenzene	17.41	105	1948176	23.17	ug/L		95
77)	sec-Butylbenzene	17.63	105	2172926	21.83	ug/L		100
78)	p-Isopropyltoluene	17.79	119	2043466	22.11	ug/L		99
79)	1,3-Dichlorobenzene	17.98	146	1101081	22.16	ug/L		99
80)	1,4-Dichlorobenzene	18.11	146	1119102	21.47	ug/L		98
81)	n-Butylbenzene	18.31	91	1834542	22.37	ug/L		98
82)	1,2-Dichlorobenzene	18.61	146	995224	22.07	ug/L		97
83)	1,2-Dibromo-3-Chloropropan	19.60	157	53658	17.96	ug/L		82

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\9M10101.D Vial: 19
Acq On : 20 Jun 2000 19:24 Operator: MES
Sample : WG79282-04 20PPB ALT SOURCE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:16 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84) 1,2,4-Trichlorobenzene	20.75	180	644279	22.16	ug/L	99
85) Hexachlorobutadiene	20.90	225	305274	21.22	ug/L	97
86) Naphthalene	21.12	128	863082	20.99	ug/L	100
87) 1,2,3-Trichlorobenzene	21.43	180	481389	20.90	ug/L	98

(#) = qualifier out of range (m) = manual integration

Ical Date: 6/14/00 Ical Filename: 6M20574.D Instrument: HPMS 6
CCV Date: 6/19/00 CCV Filename: 6M20645.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.89	1420821	16.4	1041286	19.98	574430
CCV	11.9	1213621	16.4	952605	19.97	560030
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	50.000	49.928	0.1	86	0.01
3	P	Chloromethane	50.000	60.712	-21.4#	98	0.02
4	C	Vinyl Chloride	50.000	55.984	-12.0	96	0.00
5	T	Bromomethane	50.000	53.603	-7.2	86	0.02
6	T	Chloroethane	50.000	60.363	-20.7#	93	0.02
7	T	Trichlorofluoromethane	50.000	37.656	24.7#	61	0.00
8	T	Isoprene	50.000	42.919	14.2	67	0.00
9	T	Acrolein	-1.000	0.000	0.0	0	-6.85#
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	37.433	25.1#	60	0.03
11	T	Acetone	50.000	51.063	-2.1	67	0.00
12	C	1,1-Dichloroethene	50.000	42.750	14.5	67	0.00
13	T	Dimethyl Sulfide	50.000	45.975	8.0	69	0.00
14	T	Iodomethane	50.000	21.023	58.0#	28	0.02
15	T	Methylene Chloride	50.000	57.775	-15.6	87	0.00
16	T	Carbon Disulfide	50.000	42.058	15.9	68	0.00
17	T	Acrylonitrile	50.000	44.580	10.8	72	0.00
18	T	Methyl Tert Butyl Ether	50.000	44.724	10.6	70	-0.01
19	T	trans-1,2-Dichloroethene	50.000	43.039	13.9	68	0.00
20	T	n-Hexane	50.000	49.674	0.7	84	0.00
21	T	Vinyl Acetate	50.000	41.426	17.1	62	-0.01
22	P	1,1-Dichloroethane	50.000	43.766	12.5	70	-0.01
23	T	2-Butanone	50.000	41.118	17.8	72	0.00
24	T	2,2-Dichloropropane	50.000	41.064	17.9	64	0.00
25	T	cis-1,2-Dichloroethene	50.000	42.553	14.9	68	0.00
26	C	Chloroform	50.000	45.535	8.9	73	-0.01
27	T	Bromochloromethane	50.000	38.886	22.2#	62	0.00
28	S	Dibromofluoromethane	50.000	40.357	19.3	68	0.00
29	T	1,1,1-Trichloroethane	50.000	50.403	-0.8	80	0.00
30	T	Cyclohexane	50.000	48.699	2.6	75	0.00
31	T	1,1-Dichloropropene	50.000	51.096	-2.2	81	-0.01
32	T	Carbon Tetrachloride	50.000	51.691	-3.4	80	-0.01
33	S	1,2-Dichloroethane-d4	50.000	44.682	10.6	76	0.00
34	T	1,2-Dichloroethane	50.000	47.654	4.7	78	0.00
35	T	Benzene	50.000	51.748	-3.5	86	0.00
36	T	Trichloroethene	50.000	47.148	5.7	76	0.00
37	C	1,2-Dichloropropane	50.000	50.537	-1.1	82	0.00
38	T	Bromodichloromethane	50.000	51.283	-2.6	81	0.00
39	T	Dibromomethane	50.000	44.790	10.4	73	-0.01
40	T	2-Chloroethyl Vinyl Ether	-1.000	0.000	0.0	75	0.00
41	T	4-Methyl-2-Pentanone	50.000	52.478	-5.0	90	0.00
42	T	cis-1,3-Dichloropropene	50.000	52.964	-5.9	82	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
43	T	Dimethyl Disulfide	50.000	48.424	3.2	79	0.00
44	I	Chlorobenzene-d5	50.000	50.000	0.0	91	0.00
45	S	Toluene-d8	50.000	47.878	4.2	89	0.00
46	C	Toluene	50.000	52.899	-5.8	93	0.00
47	T	Ethyl Methacrylate	50.000	55.758	-11.5	91	0.00
48	T	trans-1,3-Dichloropropene	50.000	54.070	-8.1	90	0.00
49	T	1,1,2-Trichloroethane	50.000	49.556	0.9	88	0.00
50	T	2-Hexanone	50.000	52.864	-5.7	108	0.00
51	T	1,3-Dichloropropane	50.000	51.335	-2.7	90	0.00
52	T	Tetrachloroethene	50.000	52.218	-4.4	92	0.00
53	T	Dibromochloromethane	50.000	53.889	-7.8	89	0.00
54	T	1,2-Dibromoethane	50.000	50.813	-1.6	89	0.00
55	T	1-Chlorohexane	50.000	54.284	-8.6	87	0.00
56	P	Chlorobenzene	50.000	50.657	-1.3	91	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	55.155	-10.3	94	0.00
58	C	Ethylbenzene	50.000	52.473	-4.9	92	0.00
59	T	m-,p-Xylene	100.000	102.719	-2.7	92	0.00
60	T	o-Xylene	50.000	51.376	-2.8	92	0.00
61	T	Styrene	50.000	52.466	-4.9	92	0.00
62	P	Bromoform	50.000	62.238	-24.5#	103	0.00
63	T	Isopropylbenzene	50.000	54.004	-8.0	94	0.00
64	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	97	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	56.477	-13.0	107	0.00
66	S	p-Bromofluorobenzene	50.000	47.977	4.0	92	0.00
67	T	1,2,3-Trichloropropane	50.000	55.126	-10.3	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	59.852	-19.7	106	0.00
69	T	n-Propylbenzene	50.000	53.630	-7.3	97	0.00
70	T	Bromobenzene	50.000	50.542	-1.1	92	0.00
71	T	1,3,5-Trimethylbenzene	50.000	52.711	-5.4	96	0.00
72	T	2-Chlorotoluene	50.000	51.647	-3.3	95	0.00
73	T	4-Chlorotoluene	50.000	53.913	-7.8	100	0.00
74	T	a-Methylstyrene	50.000	53.035	-6.1	88	0.00
75	T	tert-Butylbenzene	50.000	52.052	-4.1	95	0.00
76	T	1,2,4-Trimethylbenzene	50.000	52.148	-4.3	97	0.00
77	T	sec-Butylbenzene	50.000	53.780	-7.6	97	0.00
78	T	p-Isopropyltoluene	50.000	52.333	-4.7	95	-0.01
79	T	1,3-Dichlorobenzene	50.000	50.508	-1.0	96	0.00
80	T	1,4-Dichlorobenzene	50.000	49.920	0.2	96	0.00
81	T	n-Butylbenzene	50.000	54.194	-8.4	102	0.00
82	T	1,2-Dichlorobenzene	50.000	49.984	0.0	96	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	54.034	-8.1	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
84	T	1,2,4-Trichlorobenzene	50.000	48.554	2.9	98	0.00
85	T	Hexachlorobutadiene	50.000	52.650	-5.3	105	0.00
86	T	Naphthalene	50.000	46.565	6.9	99	-0.01
87	T	1,2,3-Trichlorobenzene	50.000	47.712	4.6	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	0.273	0.273	0.0	86	0.01
3	P	Chloromethane	0.316	0.299	5.4	98	0.02
4	C	Vinyl Chloride	0.186	0.182	2.2	96	0.00
5	T	Bromomethane	0.097	0.104	-7.2	86	0.02
6	T	Chloroethane	0.149	0.148	0.7	93	0.02
7	T	Trichlorofluoromethane	0.604	0.455	24.7#	61	0.00
8	T	Isoprene	0.394	0.338	14.2	67	0.00
9	T	Acrolein	0.000	0.000	0.0	0#	-6.85#
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.321	0.240	25.2#	60	0.03
11	T	Acetone	0.150	0.094	37.3#	67	0.00
12	C	1,1-Dichloroethene	0.276	0.236	14.5	67	0.00
13	T	Dimethyl Sulfide	0.323	0.297	8.0	69	0.00
14	T	Iodomethane	0.162	0.077	52.5#	28#	0.02
15	T	Methylene Chloride	0.308	0.277	10.1	87	0.00
16	T	Carbon Disulfide	0.973	0.819	15.8	68	0.00
17	T	Acrylonitrile	0.138	0.123	10.9	72	0.00
18	T	Methyl Tert Butyl Ether	0.738	0.660	10.6	70	-0.01
19	T	trans-1,2-Dichloroethene	0.305	0.262	14.1	68	0.00
20	T	n-Hexane	0.589	0.585	0.7	84	0.00
21	T	Vinyl Acetate	0.652	0.540	17.2	62	-0.01
22	P	1,1-Dichloroethane	0.637	0.558	12.4	70	-0.01
23	T	2-Butanone	0.189	0.155	18.0	72	0.00
24	T	2,2-Dichloropropane	0.476	0.391	17.9	64	0.00
25	T	cis-1,2-Dichloroethene	0.335	0.285	14.9	68	0.00
26	C	Chloroform	0.549	0.500	8.9	73	-0.01
27	T	Bromochloromethane	0.152	0.118	22.4#	62	0.00
28	S	Dibromofluoromethane	0.375	0.303	19.2	68	0.00
29	T	1,1,1-Trichloroethane	0.504	0.508	-0.8	80	0.00
30	T	Cyclohexane	0.672	0.654	2.7	75	0.00
31	T	1,1-Dichloropropene	0.332	0.340	-2.4	81	-0.01
32	T	Carbon Tetrachloride	0.445	0.460	-3.4	80	-0.01
33	S	1,2-Dichloroethane-d4	0.450	0.403	10.4	76	0.00
34	T	1,2-Dichloroethane	0.502	0.478	4.8	78	0.00
35	T	Benzene	1.042	1.079	-3.6	86	0.00
36	T	Trichloroethene	0.305	0.288	5.6	76	0.00
37	C	1,2-Dichloropropane	0.300	0.303	-1.0	82	0.00
38	T	Bromodichloromethane	0.358	0.367	-2.5	81	0.00
39	T	Dibromomethane	0.176	0.158	10.2	73	-0.01
40	T	2-Chloroethyl Vinyl Ether	0.000	0.000	0.0	75	0.00
41	T	4-Methyl-2-Pentanone	0.115	0.120	-4.3	90	0.00
42	T	cis-1,3-Dichloropropene	0.366	0.388	-6.0	82	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
43	T	Dimethyl Disulfide	0.208	0.229	-10.1	79	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
45	S	Toluene-d8	1.488	1.425	4.2	89	0.00
46	C	Toluene	1.483	1.569	-5.8	93	0.00
47	T	Ethyl Methacrylate	0.389	0.434	-11.6	91	0.00
48	T	trans-1,3-Dichloropropene	0.523	0.565	-8.0	90	0.00
49	T	1,1,2-Trichloroethane	0.294	0.291	1.0	88	0.00
50	T	2-Hexanone	0.373	0.395	-5.9	108	0.00
51	T	1,3-Dichloropropane	0.516	0.530	-2.7	90	0.00
52	T	Tetrachloroethene	0.285	0.297	-4.2	92	0.00
53	T	Dibromochloromethane	0.353	0.381	-7.9	89	0.00
54	T	1,2-Dibromoethane	0.309	0.314	-1.6	89	0.00
55	T	1-Chlorohexane	0.496	0.539	-8.7	87	0.00
56	P	Chlorobenzene	1.034	1.048	-1.4	91	0.00
57	T	1,1,1,2-Tetrachloroethane	0.352	0.388	-10.2	94	0.00
58	C	Ethylbenzene	0.568	0.596	-4.9	92	0.00
59	T	m-,p-Xylene	0.717	0.736	-2.6	92	0.00
60	T	o-Xylene	0.685	0.704	-2.8	92	0.00
61	T	Styrene	1.156	1.213	-4.9	92	0.00
62	P	Bromoform	0.206	0.256	-24.3#	103	0.00
63	T	Isopropylbenzene	1.783	1.925	-8.0	94	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
65	P	1,1,2,2-Tetrachloroethane	0.643	0.726	-12.9	107	0.00
66	S	p-Bromofluorobenzene	1.120	1.075	4.0	92	0.00
67	T	1,2,3-Trichloropropane	0.218	0.241	-10.6	104	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.264	0.316	-19.7	106	0.00
69	T	n-Propylbenzene	3.731	4.002	-7.3	97	0.00
70	T	Bromobenzene	0.779	0.787	-1.0	92	0.00
71	T	1,3,5-Trimethylbenzene	2.666	2.811	-5.4	96	0.00
72	T	2-Chlorotoluene	2.362	2.440	-3.3	95	0.00
73	T	4-Chlorotoluene	2.390	2.577	-7.8	100	0.00
74	T	a-Methylstyrene	1.331	1.412	-6.1	88	0.00
75	T	tert-Butylbenzene	2.420	2.520	-4.1	95	0.00
76	T	1,2,4-Trimethylbenzene	2.774	2.894	-4.3	97	0.00
77	T	sec-Butylbenzene	3.441	3.701	-7.6	97	0.00
78	T	p-Isopropyltoluene	2.957	3.095	-4.7	95	-0.01
79	T	1,3-Dichlorobenzene	1.579	1.595	-1.0	96	0.00
80	T	1,4-Dichlorobenzene	1.637	1.634	0.2	96	0.00
81	T	n-Butylbenzene	2.812	3.048	-8.4	102	0.00
82	T	1,2-Dichlorobenzene	1.482	1.482	0.0	96	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.166	0.180	-8.4	98	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

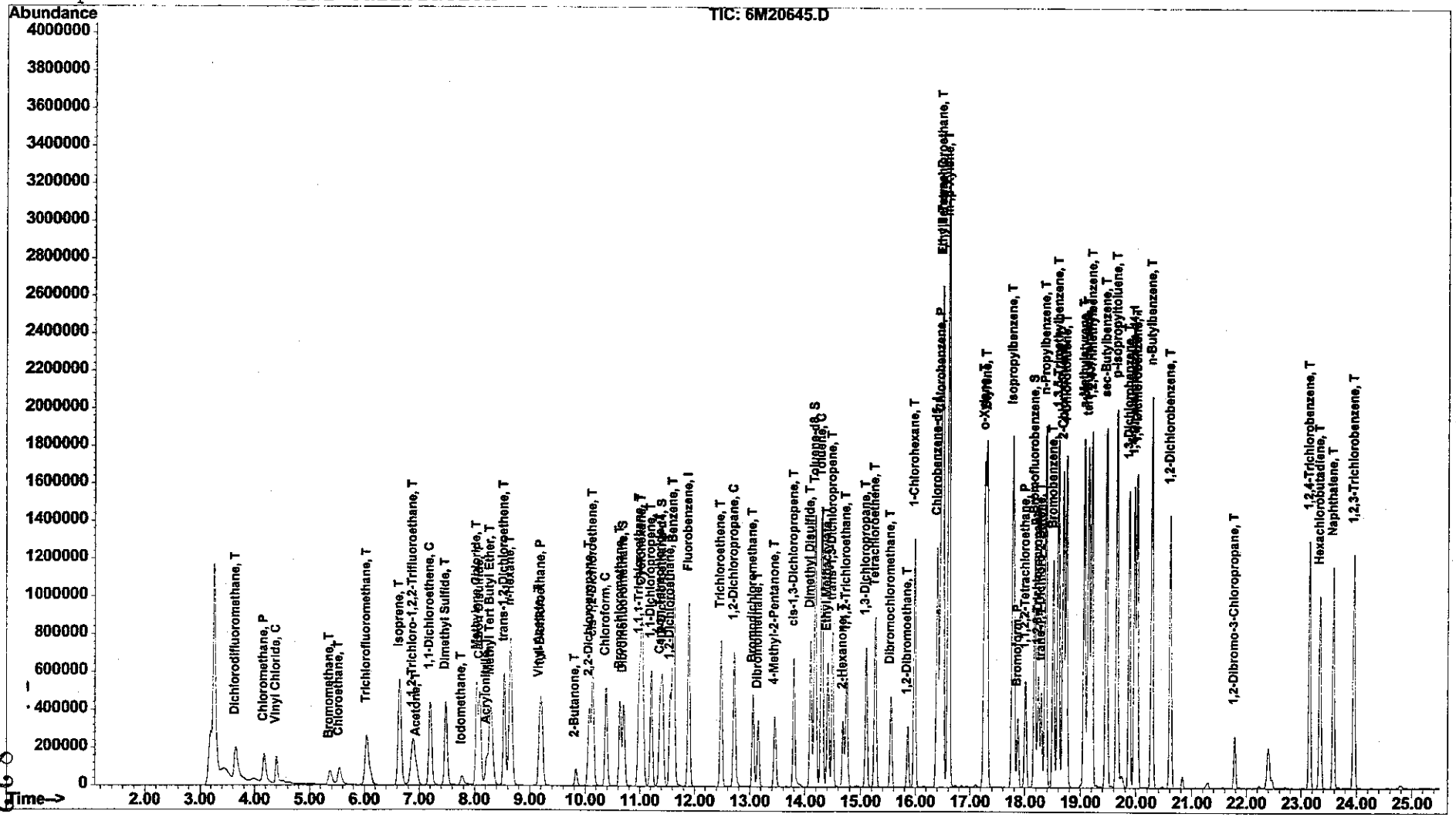
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
84	T	1,2,4-Trichlorobenzene	0.993	0.964	2.9	98	0.00
85	T	Hexachlorobutadiene	0.456	0.480	-5.3	105	0.00
86	T	Naphthalene	2.469	2.299	6.9	99	-0.01
87	T	1,2,3-Trichlorobenzene	0.951	0.907	4.6	98	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:55 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



6M20645.D 8260PRES.M Mon Jun 19 11:55:59 2000 Page 4

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:55 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1213621	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	952605	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.97	152	560030	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	367553	40.36	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.72%			
33) 1,2-Dichloroethane-d4	11.43	65	488581	44.68	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.36%			
45) Toluene-d8	14.18	98	1357675	47.88	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 95.76%			
66) p-Bromofluorobenzene	18.17	95	601853	47.98	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 95.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	330827	49.93	ug/Kg#	87
3) Chloromethane	4.18	50	362449	60.71	ug/kg	98
4) Vinyl Chloride	4.40	62	221174	55.98	ug/kg	100
5) Bromomethane	5.37	94	126671	53.60	ug/kg	96
6) Chloroethane	5.53	64	179018	60.36	ug/kg	92
7) Trichlorofluoromethane	6.04	101	551985	37.66	ug/kg	99
8) Isoprene	6.64	67	410343	42.92	ug/kg#	65
10) 1,1,2-Trichloro-1,2,2-Trif	6.89	101	291480	37.43	ug/Kg	98
11) Acetone	6.96	43	113665	51.06	ug/kg	99
12) 1,1-Dichloroethene	7.21	96	286838	42.75	ug/kg#	73
13) Dimethyl Sulfide	7.49	62	360599	45.97	ug/kg#	1
14) Iodomethane	7.77	142	93569	21.02	ug/kg	99
15) Methylene Chloride	8.04	84	336270	57.78	ug/kg#	51
16) Carbon Disulfide	8.10	76	993572	42.06	ug/kg	100
17) Acrylonitrile	8.22	53	149565	44.58	ug/kg	94
18) Methyl Tert Butyl Ether	8.29	73	801330	44.72	ug/kg#	89
19) trans-1,2-Dichloroethene	8.54	96	318116	43.04	ug/kg	76
20) n-Hexane	8.65	57	710201	49.67	ug/kg	97
21) Vinyl Acetate	9.17	43	655654	41.43	ug/kg#	95
22) 1,1-Dichloroethane	9.21	63	676899	43.77	ug/kg	99
23) 2-Butanone	9.82	43	188281	41.12	ug/kg#	89
24) 2,2-Dichloropropane	10.08	77	474764	41.06	ug/kg	100
25) cis-1,2-Dichloroethene	10.14	96	346060	42.55	ug/kg	78
26) Chloroform	10.38	83	606565	45.53	ug/kg#	96
27) Bromochloromethane	10.64	128	143046	38.89	ug/kg	94
29) 1,1,1-Trichloroethane	10.99	97	616338	50.40	ug/kg	92
30) Cyclohexane	11.04	56	793912	48.70	ug/kg#	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:55 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
31) 1,1-Dichloropropene	11.22	75	412248	51.10 ug/kg	93
32) Carbon Tetrachloride	11.38	117	558852	51.69 ug/kg	100
34) 1,2-Dichloroethane	11.56	62	580615	47.65 ug/kg#	92
35) Benzene	11.62	78	1308924	51.75 ug/kg#	82
36) Trichloroethene	12.48	130	348948	47.15 ug/kg#	85
37) 1,2-Dichloropropane	12.72	63	368132	50.54 ug/kg	99
38) Bromodichloromethane	13.06	83	445793	51.28 ug/kg	100
39) Dibromomethane	13.15	93	191764	44.79 ug/kg	96
41) 4-Methyl-2-Pentanone	13.45	58	146060	52.48 ug/kg	90
42) cis-1,3-Dichloropropene	13.80	75	470862	52.96 ug/kg	99
43) Dimethyl Disulfide	14.10	79	278003	48.42 ug/kg#	90
46) Toluene	14.30	91	1494634	52.90 ug/kg	99
47) Ethyl Methacrylate	14.41	69	413312	55.76 ug/kg	96
48) trans-1,3-Dichloropropene	14.49	75	538582	54.07 ug/kg	99
49) 1,1,2-Trichloroethane	14.74	97	277291	49.56 ug/kg	97
50) 2-Hexanone	14.68	43	376069	52.86 ug/kg#	1
51) 1,3-Dichloropropane	15.10	76	505006	51.34 ug/kg#	79
52) Tetrachloroethene	15.26	164	283246	52.22 ug/kg	91
53) Dibromochloromethane	15.55	129	362604	53.89 ug/kg	99
54) 1,2-Dibromoethane	15.86	107	299577	50.81 ug/kg	100
55) 1-Chlorohexane	15.98	91	513016	54.28 ug/kg#	73
56) Chlorobenzene	16.46	112	998021	50.66 ug/kg	97
57) 1,1,1,2-Tetrachloroethane	16.49	131	369717	55.16 ug/kg	98
58) Ethylbenzene	16.49	106	567962	52.47 ug/kg	100
59) m-,p-Xylene	16.60	106	1402575	102.72 ug/kg	99
60) o-Xylene	17.26	106	670821	51.38 ug/kg	100
61) Styrene	17.31	104	1155702	52.47 ug/kg	100
62) Bromoform	17.87	173	244259	62.24 ug/kg	98
63) Isopropylbenzene	17.77	105	1834166	54.00 ug/kg	98
65) 1,1,2,2-Tetrachloroethane	18.01	83	406763	56.48 ug/kg	99
67) 1,2,3-Trichloropropane	18.24	110	134811	55.13 ug/kg#	80
68) trans-1,4-Dichloro-2-Buten	18.29	53	176990	59.85 ug/kg#	83
69) n-Propylbenzene	18.37	91	2241280	53.63 ug/kg	99
70) Bromobenzene	18.51	156	440955	50.54 ug/kg	99
71) 1,3,5-Trimethylbenzene	18.60	105	1574183	52.71 ug/kg	99
72) 2-Chlorotoluene	18.69	91	1366237m	51.65 ug/kg	
73) 4-Chlorotoluene	18.74	91	1443121	53.91 ug/kg#	95
74) a-Methylstyrene	19.07	118	790620	53.04 ug/kg	99
75) tert-Butylbenzene	19.15	119	1411110	52.05 ug/kg	99
76) 1,2,4-Trimethylbenzene	19.21	105	1620555	52.15 ug/kg	100
77) sec-Butylbenzene	19.47	105	2072540	53.78 ug/kg	100
78) p-Isopropyltoluene	19.65	119	1733203	52.33 ug/kg	99

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:55 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

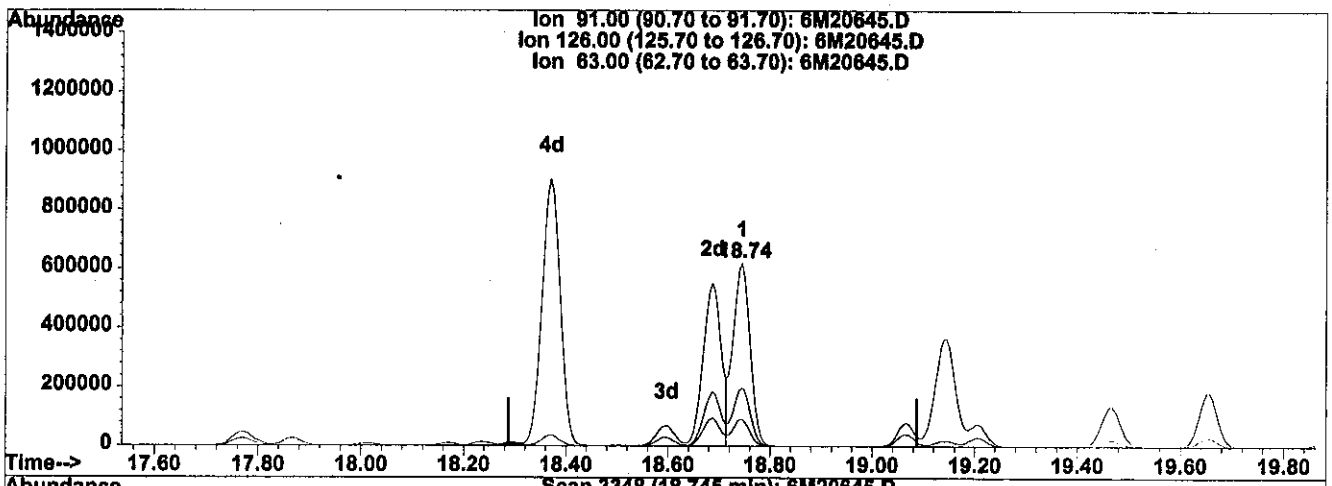
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
79)	1,3-Dichlorobenzene	19.87	146	893003	50.51	ug/kg	99
80)	1,4-Dichlorobenzene	20.03	146	915184	49.92	ug/kg	99
81)	n-Butylbenzene	20.28	91	1706980	54.19	ug/kg	98
82)	1,2-Dichlorobenzene	20.61	146	829705	49.98	ug/kg	99
83)	1,2-Dibromo-3-Chloropropan	21.79	157	100642	54.03	ug/kg	99
84)	1,2,4-Trichlorobenzene	23.15	180	539823	48.55	ug/kg	98
85)	Hexachlorobutadiene	23.34	225	268617	52.65	ug/kg	96
86)	Naphthalene	23.58	128	1287473	46.56	ug/kg	99
87)	1,2,3-Trichlorobenzene	23.95	180	508123	47.71	ug/kg	98

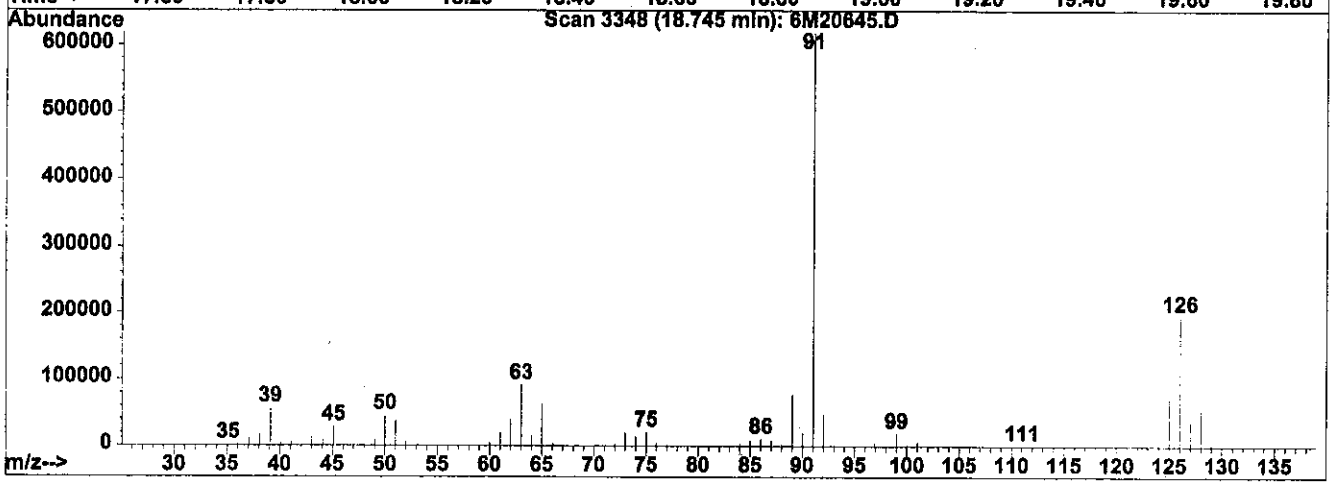
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 19 11:53 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration





TIC: 6M20645.D

(72) 2-Chlorotoluene (T)

18.74min 54.55ug/kg

response 1443121

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	32.48
63.00	12.80	14.83
0.00	0.00	0.00

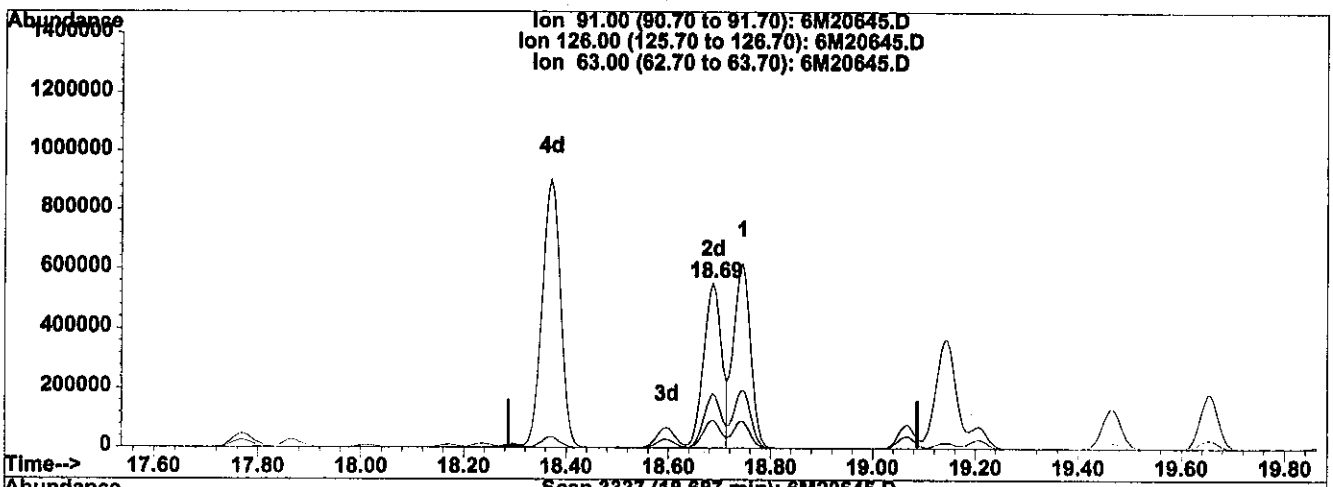
6-19-00 cmes

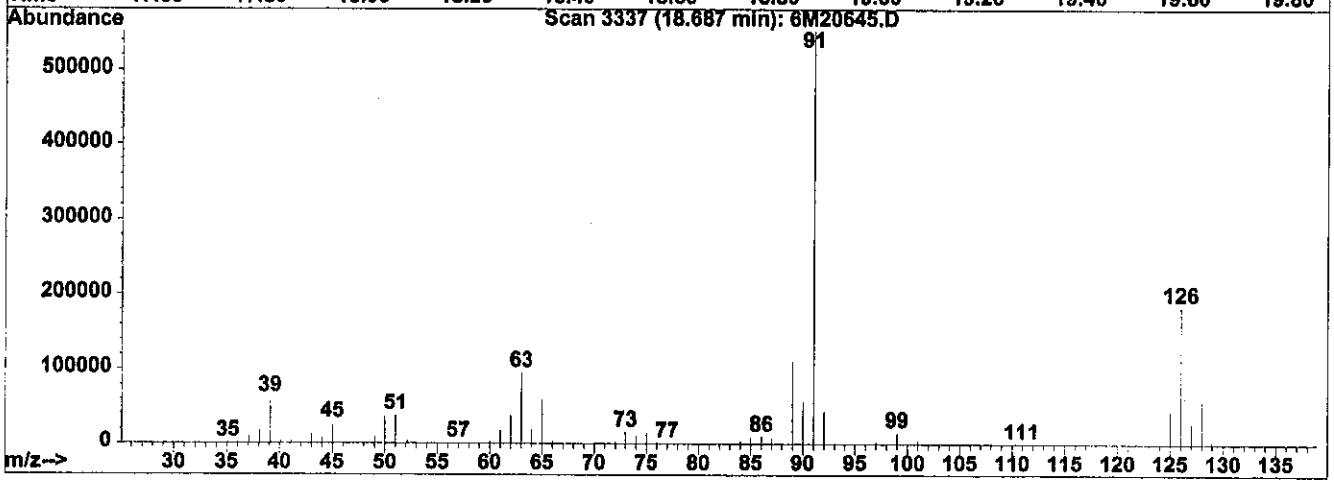
6M20645.D 8260PRES.M Mon Jun 19 11:54:56 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20645.D Vial: 6
Acq On : 19 Jun 2000 11:27 Operator: CMS
Sample : WG79172-02 50 PPB STD M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 19 11:55 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration





TIC: 6M20645.D

(72) 2-Chlorotoluene (T)

18.69min 51.65ug/kg m

response 1366237

619.00 cwm

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	34.31
63.00	12.80	15.66#
0.00	0.00	0.00

6M20645.D 8260PRES.M Mon Jun 19 11:55:02 2000

Ical Date:	6/15/00	Ical Filename:	2M36399.D	Instrument:	HPMS 2
CCV Date:	6/19/00	CCV Filename:	2M36514.D		

	Fluorbenzene		**Chlorobenzene-d5**		**1,4-Dichlorobenzene-d**	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.75	1759149	17.22	1328074	21.6	612188
CCV	11.69	1608013	17.15	1253519	21.54	594904
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	91	-0.06
2	T	Dichlorodifluoromethane	50.000	47.183	5.6	88	-0.02
3	P	Chloromethane	50.000	45.746	8.5	89	-0.03
4	C	Vinyl Chloride	50.000	48.674	2.7	81	-0.05
5	T	Bromomethane	50.000	45.837	8.3	91	-0.04
6	T	Chloroethane	50.000	47.605	4.8	94	-0.06
7	T	Trichlorofluoromethane	50.000	42.764	14.5	81	-0.03
8	T	Isoprene	50.000	54.840	-9.7	97	-0.05
9	T	Acrolein	100.000	65.125	34.9#	60	-0.04
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	54.874	-9.7	96	-0.03
11	T	Acetone	50.000	66.824	-33.6#	118	-0.05
12	C	1,1-Dichloroethene	50.000	51.393	-2.8	97	-0.03
13	T	Dimethyl Sulfide	50.000	53.363	-6.7	100	-0.06
14	T	Iodomethane	50.000	55.707	-11.4	97	-0.05
15	T	Methylene Chloride	50.000	55.397	-10.8	95	-0.04
16	T	Carbon Disulfide	50.000	50.181	-0.4	97	-0.05
17	T	Acrylonitrile	50.000	58.902	-17.8	105	-0.04
18	T	Methyl Tert Butyl Ether	50.000	55.146	-10.3	99	-0.05
19	T	trans-1,2-Dichloroethene	50.000	51.403	-2.8	94	-0.04
20	T	n-Hexane	50.000	49.940	0.1	94	-0.06
21	T	Vinyl Acetate	50.000	48.328	3.3	91	-0.05
22	P	1,1-Dichloroethane	50.000	51.889	-3.8	96	-0.05
23	T	2-Butanone	50.000	63.157	-26.3#	109	-0.05
24	T	2,2-Dichloropropane	50.000	52.007	-4.0	92	-0.05
25	T	cis-1,2-Dichloroethene	50.000	50.095	-0.2	93	-0.05
26	C	Chloroform	50.000	49.494	1.0	92	-0.05
27	T	Bromochloromethane	50.000	51.042	-2.1	96	-0.05
28	S	Dibromofluoromethane	50.000	25.264	49.5#	47	-0.05
29	T	1,1,1-Trichloroethane	50.000	50.786	-1.6	92	-0.05
30	T	Cyclohexane	50.000	51.326	-2.7	92	-0.05
31	T	1,1-Dichloropropene	50.000	51.390	-2.8	92	-0.05
32	T	Carbon Tetrachloride	50.000	51.770	-3.5	92	-0.04
33	S	1,2-Dichloroethane-d4	50.000	24.866	50.3#	47	-0.05
34	T	1,2-Dichloroethane	50.000	50.295	-0.6	95	-0.05
35	T	Benzene	50.000	49.265	1.5	92	-0.05
36	T	Trichloroethene	50.000	49.366	1.3	91	-0.06
37	C	1,2-Dichloropropane	50.000	50.463	-0.9	93	-0.05
38	T	Bromodichloromethane	50.000	48.971	2.1	91	-0.05
39	T	Dibromomethane	50.000	49.962	0.1	92	-0.05
40	T	2-Chloroethyl Vinyl Ether	50.000	52.105	-4.2	90	-0.05
41	T	4-Methyl-2-Pentanone	50.000	56.670	-13.3	99	-0.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	49.215	1.6	92	-0.05
43	T	Dimethyl Disulfide	50.000	50.089	-0.2	90	-0.06
44	I	Chlorobenzene-d5	25.000	25.000	0.0	94	-0.06
45	S	Toluene-d8	50.000	23.536	52.9#	47	-0.05
46	C	Toluene	50.000	46.173	7.7	91	-0.06
47	T	Ethyl Methacrylate	50.000	49.294	1.4	94	-0.06
48	T	trans-1,3-Dichloropropene	50.000	49.047	1.9	94	-0.05
49	T	1,1,2-Trichloroethane	50.000	48.767	2.5	94	-0.06
50	T	2-Hexanone	50.000	52.638	-5.3	100	-0.06
51	T	1,3-Dichloropropane	50.000	48.153	3.7	93	-0.05
52	T	Tetrachloroethene	50.000	44.407	11.2	87	-0.06
53	T	Dibromochloromethane	50.000	49.713	0.6	94	-0.05
54	T	1,2-Dibromoethane	50.000	49.118	1.8	94	-0.06
55	T	1-Chlorohexane	50.000	45.337	9.3	89	-0.06
56	P	Chlorobenzene	50.000	46.728	6.5	91	-0.05
57	T	1,1,1,2-Tetrachloroethane	50.000	47.488	5.0	91	-0.05
58	C	Ethylbenzene	50.000	45.076	9.8	89	-0.06
59	T	m-,p-Xylene	100.000	92.081	7.9	91	-0.06
60	T	o-Xylene	50.000	46.406	7.2	91	-0.05
61	T	Styrene	50.000	47.130	5.7	91	-0.06
62	P	Bromoform	50.000	51.155	-2.3	96	-0.06
63	T	Isopropylbenzene	50.000	46.168	7.7	91	-0.06
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	97	-0.06
65	P	1,1,2,2-Tetrachloroethane	50.000	50.861	-1.7	100	-0.06
66	S	p-Bromofluorobenzene	50.000	24.921	50.2#	50	-0.06
67	T	1,2,3-Trichloropropane	50.000	51.180	-2.4	97	-0.05
68	T	trans-1,4-Dichloro-2-Butene	50.000	57.503	-15.0	100	-0.07
69	T	n-Propylbenzene	50.000	45.918	8.2	91	-0.06
70	T	Bromobenzene	50.000	46.180	7.6	92	-0.07
71	T	1,3,5-Trimethylbenzene	50.000	44.897	10.2	92	-0.06
72	T	2-Chlorotoluene	50.000	43.863	12.3	90	-0.06
73	T	4-Chlorotoluene	50.000	48.592	2.8	96	-0.06
74	T	a-Methylstyrene	50.000	45.327	9.3	93	-0.05
75	T	tert-Butylbenzene	50.000	45.243	9.5	91	-0.07
76	T	1,2,4-Trimethylbenzene	50.000	44.891	10.2	92	-0.07
77	T	sec-Butylbenzene	50.000	45.303	9.4	92	-0.06
78	T	p-Isopropyltoluene	50.000	45.466	9.1	91	-0.07
79	T	1,3-Dichlorobenzene	50.000	45.963	8.1	92	-0.06
80	T	1,4-Dichlorobenzene	50.000	45.709	8.6	93	-0.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	45.945	8.1	91	-0.06
82	T	1,2-Dichlorobenzene	50.000	46.715	6.6	94	-0.05
83	T	1,2-Dibromo-3-Chloropropane	50.000	53.344	-6.7	98	-0.07
84	T	1,2,4-Trichlorobenzene	50.000	47.565	4.9	90	-0.06
85	T	Hexachlorobutadiene	50.000	42.162	15.7	88	-0.06
86	T	Naphthalene	50.000	52.099	-4.2	97	-0.06
87	T	1,2,3-Trichlorobenzene	50.000	47.724	4.6	92	-0.05

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	91	-0.06
2	T	Dichlorodifluoromethane	0.243	0.229	5.8	88	-0.02
3	P	Chloromethane	0.202	0.185	8.4	89	-0.03
4	C	Vinyl Chloride	0.182	0.135	25.8#	81	-0.05
5	T	Bromomethane	0.133	0.101	24.1	91	-0.04
6	T	Chloroethane	0.105	0.100	4.8	94	-0.06
7	T	Trichlorofluoromethane	0.285	0.243	14.7	81	-0.03
8	T	Isoprene	0.319	0.350	-9.7	97	-0.05
9	T	Acrolein	0.003	0.003	0.0	60	-0.04
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.210	0.231	-10.0	96	-0.03
11	T	Acetone	0.037	0.033	10.8	118	-0.05
12	C	1,1-Dichloroethene	0.192	0.197	-2.6	97	-0.03
13	T	Dimethyl Sulfide	0.246	0.262	-6.5	100	-0.06
14	T	Iodomethane	0.208	0.232	-11.5	97	-0.05
15	T	Methylene Chloride	0.282	0.269	4.6	95	-0.04
16	T	Carbon Disulfide	0.942	0.945	-0.3	97	-0.05
17	T	Acrylonitrile	0.042	0.049	-16.7	105	-0.04
18	T	Methyl Tert Butyl Ether	0.380	0.419	-10.3	99	-0.05
19	T	trans-1,2-Dichloroethene	0.232	0.239	-3.0	94	-0.04
20	T	n-Hexane	0.308	0.308	0.0	94	-0.06
21	T	Vinyl Acetate	0.313	0.302	3.5	91	-0.05
22	P	1,1-Dichloroethane	0.508	0.527	-3.7	96	-0.05
23	T	2-Butanone	0.060	0.069	-15.0	109	-0.05
24	T	2,2-Dichloropropane	0.390	0.406	-4.1	92	-0.05
25	T	cis-1,2-Dichloroethene	0.294	0.294	0.0	93	-0.05
26	C	Chloroform	0.493	0.488	1.0	92	-0.05
27	T	Bromochloromethane	0.118	0.121	-2.5	96	-0.05
28	S	Dibromofluoromethane	0.252	0.128	49.2#	47#	-0.05
29	T	1,1,1-Trichloroethane	0.348	0.353	-1.4	92	-0.05
30	T	Cyclohexane	0.474	0.486	-2.5	92	-0.05
31	T	1,1-Dichloropropene	0.341	0.350	-2.6	92	-0.05
32	T	Carbon Tetrachloride	0.275	0.285	-3.6	92	-0.04
33	S	1,2-Dichloroethane-d4	0.217	0.108	50.2#	47#	-0.05
34	T	1,2-Dichloroethane	0.291	0.293	-0.7	95	-0.05
35	T	Benzene	1.250	1.231	1.5	92	-0.05
36	T	Trichloroethene	0.289	0.285	1.4	91	-0.06
37	C	1,2-Dichloropropane	0.335	0.338	-0.9	93	-0.05
38	T	Bromodichloromethane	0.369	0.361	2.2	91	-0.05
39	T	Dibromomethane	0.141	0.141	0.0	92	-0.05
40	T	2-Chloroethyl Vinyl Ether	0.156	0.135	13.5	90	-0.05
41	T	4-Methyl-2-Pentanone	0.055	0.062	-12.7	99	-0.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.465	0.457	1.7	92	-0.05
43	T	Dimethyl Disulfide	0.270	0.271	-0.4	90	-0.06
44	I	Chlorobenzene-d5	1.000	1.000	0.0	94	-0.06
45	S	Toluene-d8	1.275	0.600	52.9#	47#	-0.05
46	C	Toluene	1.722	1.591	7.6	91	-0.06
47	T	Ethyl Methacrylate	0.365	0.360	1.4	94	-0.06
48	T	trans-1,3-Dichloropropene	0.511	0.502	1.8	94	-0.05
49	T	1,1,2-Trichloroethane	0.237	0.231	2.5	94	-0.06
50	T	2-Hexanone	0.132	0.139	-5.3	100	-0.06
51	T	1,3-Dichloropropane	0.512	0.493	3.7	93	-0.05
52	T	Tetrachloroethene	0.298	0.265	11.1	87	-0.06
53	T	Dibromochloromethane	0.289	0.288	0.3	94	-0.05
54	T	1,2-Dibromoethane	0.247	0.243	1.6	94	-0.06
55	T	1-Chlorohexane	0.609	0.552	9.4	89	-0.06
56	P	Chlorobenzene	1.025	0.958	6.5	91	-0.05
57	T	1,1,1,2-Tetrachloroethane	0.330	0.313	5.2	91	-0.05
58	C	Ethylbenzene	0.542	0.488	10.0	89	-0.06
59	T	m-,p-Xylene	0.652	0.600	8.0	91	-0.06
60	T	o-Xylene	0.655	0.608	7.2	91	-0.05
61	T	Styrene	1.126	1.061	5.8	91	-0.06
62	P	Bromoform	0.146	0.150	-2.7	96	-0.06
63	T	Isopropylbenzene	1.657	1.530	7.7	91	-0.06
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	-0.06
65	P	1,1,2,2-Tetrachloroethane	0.604	0.615	-1.8	100	-0.06
66	S	p-Bromofluorobenzene	1.041	0.519	50.1#	50#	-0.06
67	T	1,2,3-Trichloropropane	0.128	0.131	-2.3	97	-0.05
68	T	trans-1,4-Dichloro-2-Butene	0.153	0.176	-15.0	100	-0.07
69	T	n-Propylbenzene	4.621	4.244	8.2	91	-0.06
70	T	Bromobenzene	0.849	0.784	7.7	92	-0.07
71	T	1,3,5-Trimethylbenzene	2.830	2.541	10.2	92	-0.06
72	T	2-Chlorotoluene	2.887	2.533	12.3	90	-0.06
73	T	4-Chlorotoluene	2.757	2.679	2.8	96	-0.06
74	T	a-Methylstyrene	1.618	1.467	9.3	93	-0.05
75	T	tert-Butylbenzene	2.658	2.405	9.5	91	-0.07
76	T	1,2,4-Trimethylbenzene	2.830	2.541	10.2	92	-0.07
77	T	sec-Butylbenzene	3.341	3.027	9.4	92	-0.06
78	T	p-Isopropyltoluene	2.677	2.434	9.1	91	-0.07
79	T	1,3-Dichlorobenzene	1.611	1.481	8.1	92	-0.06
80	T	1,4-Dichlorobenzene	1.619	1.480	8.6	93	-0.06

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

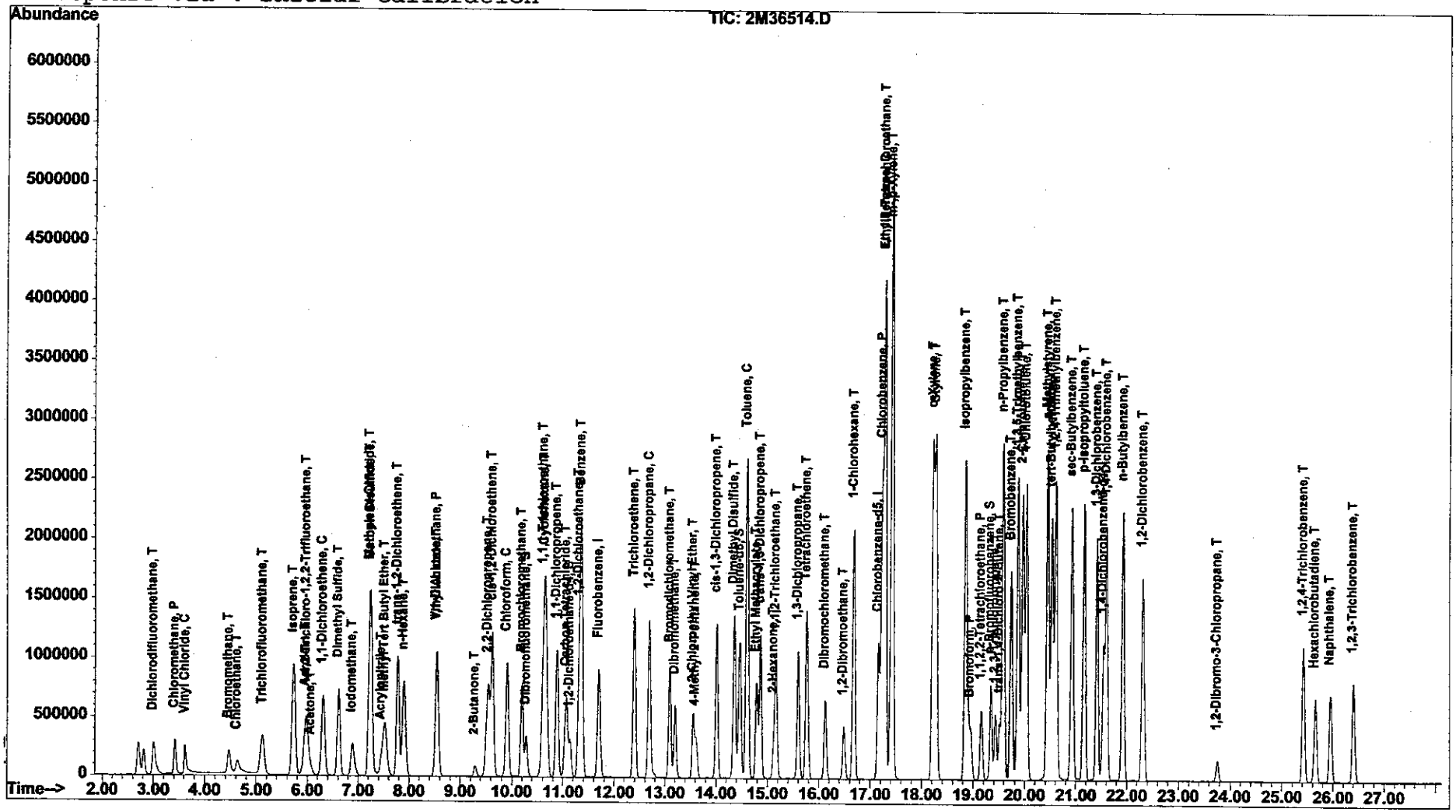
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.587	2.377	8.1	91	-0.06
82	T	1,2-Dichlorobenzene	1.375	1.285	6.5	94	-0.05
83	T	1,2-Dibromo-3-Chloropropane	0.081	0.086	-6.2	98	-0.07
84	T	1,2,4-Trichlorobenzene	0.642	0.611	4.8	90	-0.06
85	T	Hexachlorobutadiene	0.278	0.234	15.8	88	-0.06
86	T	Naphthalene	1.020	1.062	-4.1	97	-0.06
87	T	1,2,3-Trichlorobenzene	0.490	0.467	4.7	92	-0.05

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 10:55 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 10:55 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.69	96	1608013	25.00	UG/L		-0.06
44) Chlorobenzene-d5	17.15	117	1253519	25.00	UG/L		-0.06
64) 1,4-Dichlorobenzene-d4	21.54	152	594904	25.00	UG/L		-0.06
System Monitoring Compounds							
28) Dibromofluoromethane	10.28	111	410258	25.26	UG/L		-0.05
Spiked Amount 25.000	Range 86 - 118		Recovery = 101.04%				
33) 1,2-Dichloroethane-d4	11.14	65	347056	24.87	UG/L		-0.05
Spiked Amount 25.000	Range 80 - 120		Recovery = 99.48%				
45) Toluene-d8	14.46	98	1505168	23.54	UG/L		-0.05
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.16%				
66) p-Bromofluorobenzene	19.33	95	617489	24.92	UG/L		-0.06
Spiked Amount 25.000	Range 86 - 115		Recovery = 99.68%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	736048	47.18	UG/L		94
3) Chloromethane	3.42	50	595701	45.75	UG/L		99
4) Vinyl Chloride	3.61	62	434076	48.67	UG/L		97
5) Bromomethane	4.46	94	323793	45.84	UG/L		100
6) Chloroethane	4.62	64	320868	47.61	UG/L		89
7) Trichlorofluoromethane	5.12	101	782653	42.76	UG/L		99
8) Isoprene	5.72	67	1124782	54.84	UG/L	#	82
9) Acrolein	5.96	56	18200	65.13	UG/L		93
10) 1,1,2-Trichloro-1,2,2-Trif	5.98	101	741855	54.87	UG/L	#	100
11) Acetone	6.09	43	107041	66.82	UG/L	#	80
12) 1,1-Dichloroethene	6.31	96	633729	51.39	UG/L		93
13) Dimethyl Sulfide	6.61	62	843781	53.36	UG/L	#	75
14) Iodomethane	6.88	142	745568	55.71	UG/L		98
15) Methylene Chloride	7.22	84	864502	55.40	UG/L		96
16) Carbon Disulfide	7.25	76	3040088	50.18	UG/L		99
17) Acrylonitrile	7.45	53	157891	58.90	UG/L		94
18) Methyl Tert Butyl Ether	7.52	73	1348677	55.15	UG/L		97
19) trans-1,2-Dichloroethene	7.77	96	768524	51.40	UG/L		84
20) n-Hexane	7.89	57	989880	49.94	UG/L		91
21) Vinyl Acetate	8.53	43	972397	48.33	UG/L		99
22) 1,1-Dichloroethane	8.54	63	1695254	51.89	UG/L		99
23) 2-Butanone	9.29	43	221984	63.16	UG/L	#	89
24) 2,2-Dichloropropane	9.54	77	1304796	52.01	UG/L		99
25) cis-1,2-Dichloroethene	9.62	96	946686	50.10	UG/L	#	64
26) Chloroform	9.90	83	1568235	49.49	UG/L		96
27) Bromochloromethane	10.20	128	389015	51.04	UG/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 10:55 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
29)	1,1,1-Trichloroethane	10.61	97	1135536	50.79	UG/L		89
30)	Cyclohexane	10.65	56	1563272	51.33	UG/L		87
31)	1,1-Dichloropropene	10.88	75	1125766	51.39	UG/L	#	80
32)	Carbon Tetrachloride	11.06	117	916232	51.77	UG/L		98
34)	1,2-Dichloroethane	11.30	62	941480	50.30	UG/L		99
35)	Benzene	11.35	78	3960517	49.27	UG/L		94
36)	Trichloroethene	12.39	130	918149	49.37	UG/L		95
37)	1,2-Dichloropropane	12.69	63	1086736	50.46	UG/L	#	80
38)	Bromodichloromethane	13.10	83	1162242	48.97	UG/L		97
39)	Dibromomethane	13.20	93	452213	49.96	UG/L	#	68
40)	2-Chloroethyl Vinyl Ether	13.56	63	435215	52.10	UG/L	#	88
41)	4-Methyl-2-Pentanone	13.62	58	200300	56.67	UG/L	#	85
42)	cis-1,3-Dichloropropene	14.01	75	1471246	49.22	UG/L		92
43)	Dimethyl Disulfide	14.35	79	870500	50.09	UG/L		99
46)	Toluene	14.60	91	3987741	46.17	ug/L		98
47)	Ethyl Methacrylate	14.79	69	902144	49.29	UG/L	#	89
48)	trans-1,3-Dichloropropene	14.87	75	1257899	49.05	ug/L		98
49)	1,1,2-Trichloroethane	15.16	97	578294	48.77	UG/L	#	88
50)	2-Hexanone	15.11	43	349101	52.64	UG/L		87
51)	1,3-Dichloropropane	15.60	76	1236443	48.15	UG/L	#	81
52)	Tetrachloroethene	15.76	164	663151	44.41	UG/L	#	73
53)	Dibromochloromethane	16.12	129	721295	49.71	UG/L		99
54)	1,2-Dibromoethane	16.48	107	608505	49.12	UG/L		98
55)	1-Chlorohexane	16.68	91	1384524	45.34	UG/L		98
56)	Chlorobenzene	17.23	112	2401562	46.73	UG/L	#	70
57)	1,1,1,2-Tetrachloroethane	17.28	131	784806	47.49	UG/L		93
58)	Ethylbenzene	17.28	106	1224503	45.08	UG/L		95
59)	m-,p-Xylene	17.42	106	3010476	92.08	UG/L		98
60)	o-Xylene	18.23	106	1523390	46.41	UG/L		97
61)	Styrene	18.28	104	2660944	47.13	UG/L	#	83
62)	Bromoform	18.96	173	375407	51.15	UG/L	#	95
63)	Isopropylbenzene	18.85	105	3835442	46.17	ug/L		95
65)	1,1,2,2-Tetrachloroethane	19.15	83	731426	50.86	UG/L		98
67)	1,2,3-Trichloropropane	19.43	110	155860	51.18	UG/L	#	86
68)	trans-1,4-Dichloro-2-Buten	19.51	53	208977	57.50	UG/L		96
69)	n-Propylbenzene	19.59	91	5049687	45.92	UG/L		99
70)	Bromobenzene	19.74	156	933135	46.18	UG/L		98
71)	1,3,5-Trimethylbenzene	19.86	105	3023163	44.90	UG/L		95
72)	2-Chlorotoluene	19.96	91	3013388	43.86	UG/L		95
73)	4-Chlorotoluene	20.03	91	3188074	48.59	UG/L		99
74)	a-Methylstyrene	20.44	118	1745293	45.33	UG/L		95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36514.D Vial: 2
Acq On : 19 Jun 2000 10:27 Operator: CMS
Sample : WG79178-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 10:55 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75)	tert-Butylbenzene	20.52	119	2861124	45.24	UG/L		91
76)	1,2,4-Trimethylbenzene	20.60	105	3022859	44.89	UG/L		94
77)	sec-Butylbenzene	20.92	105	3602037	45.30	UG/L		100
78)	p-Isopropyltoluene	21.15	119	2895848	45.47	UG/L		99
79)	1,3-Dichlorobenzene	21.41	146	1761949	45.96	UG/L		91
80)	1,4-Dichlorobenzene	21.60	146	1760975	45.71	UG/L		92
81)	n-Butylbenzene	21.92	91	2828046	45.94	UG/L		99
82)	1,2-Dichlorobenzene	22.32	146	1528928	46.71	UG/L		91
83)	1,2-Dibromo-3-Chloropropan	23.76	157	102669	53.34	UG/L	#	74
84)	1,2,4-Trichlorobenzene	25.42	180	726772	47.56	UG/L	#	95
85)	Hexachlorobutadiene	25.66	225	278428	42.16	UG/L	#	90
86)	Naphthalene	25.95	128	1264026	52.10	UG/L		97
87)	1,2,3-Trichlorobenzene	26.41	180	556169	47.72	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Ical Date: 06/16/2000 Ical Filename: 10M4184.D Instrument: HPMS 10
CCV Date: 06/20/2000 CCV Filename: 10M4266.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	10.72	1041244	14.58	754976	17.58	415460
CCV	10.72	1046209	14.57	740015	17.58	398935
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D
Acq On : 20 Jun 2000 9:01
Sample : WG79271-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	0.428	0.430	-0.5	93	0.00
3	P	Chloromethane	0.272	0.254	6.6	94	0.00
4	C	Vinyl Chloride	0.304	0.282	7.2	97	0.00
5	T	Bromomethane	0.256	0.234	8.6	95	0.02
6	T	Chloroethane	0.223	0.217	2.7	96	0.02
7	T	Trichlorofluoromethane	0.526	0.538	-2.3	97	0.01
8	T	Isoprene	0.481	0.530	-10.2	96	0.00
9	T	Acrolein	0.028	0.028	0.0	91	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.353	0.366	-3.7	96	0.00
11	T	Acetone	0.062	0.060	3.2	94	-0.02
12	C	1,1-Dichloroethene	0.267	0.300	12.4	98	0.00
13	T	Dimethyl Sulfide	0.392	0.406	-3.6	97	0.00
14	T	Iodomethane	0.251	0.274	-9.2	87	0.00
15	T	Methylene Chloride	0.340	0.322	5.3	97	0.00
16	T	Carbon Disulfide	1.075	1.123	-4.5	95	0.00
17	T	Acrylonitrile	0.080	0.084	-5.0	96	-0.01
18	T	Methyl Tert Butyl Ether	0.712	0.717	-0.7	94	0.00
19	T	trans-1,2-Dichloroethene	0.309	0.339	-9.7	97	0.00
20	T	n-Hexane	0.623	0.675	-8.3	97	0.00
21	T	Vinyl Acetate	0.462	0.487	-5.4	88	0.00
22	P	1,1-Dichloroethane	0.813	0.827	-1.7	97	0.00
23	T	2-Butanone	0.089	0.087	2.2	91	0.00
24	T	2,2-Dichloropropane	0.664	0.697	-5.0	94	0.00
25	T	cis-1,2-Dichloroethene	0.340	0.377	-10.9	97	0.00
26	C	Chloroform	0.740	0.733	0.9	97	0.00
27	T	Bromochloromethane	0.122	0.124	-1.6	97	0.00
28	S	Dibromofluoromethane	0.354	0.161	54.5#	43#	0.00
29	T	1,1,1-Trichloroethane	0.708	0.733	-3.5	96	0.00
30	T	Cyclohexane	0.777	0.845	-8.8	96	0.00
31	T	1,1-Dichloropropene	0.448	0.494	-10.3	97	0.00
32	T	Carbon Tetrachloride	0.573	0.597	-4.2	96	0.00
33	S	1,2-Dichloroethane-d4	0.472	0.206	56.4#	43#	0.00
34	T	1,2-Dichloroethane	0.594	0.583	1.9	97	0.00
35	T	Benzene	1.455	1.528	-5.0	97	0.00
36	T	Trichloroethene	0.306	0.335	-9.5	96	0.00
37	C	1,2-Dichloropropane	0.386	0.405	-4.9	96	0.00
38	T	Bromodichloromethane	0.506	0.504	0.4	97	0.00
39	T	Dibromomethane	0.162	0.160	1.2	96	0.00
40	T	2-Chloroethyl Vinyl Ether	0.129	0.147	-14.0	91	0.00
41	T	4-Methyl-2-Pentanone	0.073	0.075	-2.7	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D
Acq On : 20 Jun 2000 9:01
Sample : WG79271-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.469	0.534	-13.9	96	0.00
43	T	Dimethyl Disulfide	0.298	0.320	-7.4	97	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
45	S	Toluene-d8	1.772	0.865	51.2#	43#	0.00
46	C	Toluene	2.106	2.307	✓9.5	96	0.00
47	T	Ethyl Methacrylate	0.419	0.433	-3.3	94	0.00
48	T	trans-1,3-Dichloropropene	0.712	0.751	-5.5	96	0.00
49	T	1,1,2-Trichloroethane	0.306	0.297	2.9	95	0.00
50	T	2-Hexanone	0.196	0.199	-1.5	93	0.00
51	T	1,3-Dichloropropane	0.598	0.612	-2.3	96	0.00
52	T	Tetrachloroethene	0.398	0.433	-8.8	97	0.00
53	T	Dibromochloromethane	0.402	0.393	2.2	96	0.00
54	T	1,2-Dibromoethane	0.279	0.286	-2.5	96	0.00
55	T	1-Chlorohexane	0.605	0.773	✓-27.8#	96	0.00
56	P	Chlorobenzene	1.455	1.423 ✓	2.2	96	0.00
57	T	1,1,1,2-Tetrachloroethane	0.506	0.493	2.6	97	0.00
58	C	Ethylbenzene	0.760	0.837	✓10.1	97	0.00
59	T	m-,p-Xylene	0.939	1.037	-10.4	96	0.00
60	T	o-Xylene	0.817	0.960	-17.5	96	0.00
61	T	Styrene	1.454	1.593	-9.6	96	0.00
62	P	Bromoform	0.239	0.245 ✓	-2.5	96	0.00
63	T	Isopropylbenzene	2.212	2.625	-18.7	96	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
65	P	1,1,2,2-Tetrachloroethane	0.647	0.557 ✓	13.9	96	0.00
66	S	p-Bromofluorobenzene	1.350	0.660	51.1#	44#	0.00
67	T	1,2,3-Trichloropropane	0.180	0.179	0.6	95	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.267	0.262	1.9	97	0.00
69	T	n-Propylbenzene	5.267	6.127	-16.3	96	0.00
70	T	Bromobenzene	1.016	1.019	-0.3	95	0.00
71	T	1,3,5-Trimethylbenzene	3.538	4.091	-15.6	96	0.00
72	T	2-Chlorotoluene	3.608	3.852	-6.8	94	0.00
73	T	4-Chlorotoluene	3.675	3.839	-4.5	97	0.00
74	T	a-Methylstyrene	1.853	2.093	-13.0	95	0.00
75	T	tert-Butylbenzene	3.121	3.084	1.2	86	0.00
76	T	1,2,4-Trimethylbenzene	3.959	4.194	-5.9	95	0.00
77	T	sec-Butylbenzene	4.336	4.933	-13.8	96	0.00
78	T	p-Isopropyltoluene	3.540	4.200	-18.6	95	0.00
79	T	1,3-Dichlorobenzene	2.010	2.009	0.0	95	0.00
80	T	1,4-Dichlorobenzene	1.974	2.012	-1.9	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D
Acq On : 20 Jun 2000 9:01
Sample : WG79271-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	3.603	4.161	-15.5	96	0.00
82	T	1,2-Dichlorobenzene	1.615	1.685	-4.3	95	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.092	0.089	3.3	94	0.00
84	T	1,2,4-Trichlorobenzene	1.178	1.274	-8.1	95	0.00
85	T	Hexachlorobutadiene	0.642	0.675	-5.1	96	0.00
86	T	Naphthalene	1.428	1.549	-8.5	94	0.00
87	T	1,2,3-Trichlorobenzene	0.908	0.953	-5.0	94	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D
Acq On : 20 Jun 2000 9:01
Sample : WG79271-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	100	0.00
2	T	Dichlorodifluoromethane	50.000	50.212	-0.4	93	0.00
3	P	Chloromethane	50.000	46.599	6.8	94	0.00
4	C	Vinyl Chloride	50.000	52.799	-5.6	97	0.00
5	T	Bromomethane	50.000	45.850	8.3	95	0.02
6	T	Chloroethane	50.000	48.754	2.5	96	0.02
7	T	Trichlorofluoromethane	50.000	51.113	-2.2	97	0.01
8	T	Isoprene	50.000	55.077	-10.2	96	0.00
9	T	Acrolein	100.000	97.150	2.8	91	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	51.952	-3.9	96	0.00
11	T	Acetone	50.000	47.866	4.3	94	-0.02
12	C	1,1-Dichloroethene	50.000	56.174	-12.3	98	0.00
13	T	Dimethyl Sulfide	50.000	51.850	-3.7	97	0.00
14	T	Iodomethane	50.000	49.618	0.8	87	0.00
15	T	Methylene Chloride	50.000	47.374	5.3	97	0.00
16	T	Carbon Disulfide	50.000	52.237	-4.5	95	0.00
17	T	Acrylonitrile	50.000	52.208	-4.4	96	-0.01
18	T	Methyl Tert Butyl Ether	50.000	50.334	-0.7	94	0.00
19	T	trans-1,2-Dichloroethene	50.000	54.871	-9.7	97	0.00
20	T	n-Hexane	50.000	54.179	-8.4	97	0.00
21	T	Vinyl Acetate	50.000	42.197	15.6	88	0.00
22	P	1,1-Dichloroethane	50.000	50.822	-1.6	97	0.00
23	T	2-Butanone	50.000	48.839	2.3	91	0.00
24	T	2,2-Dichloropropane	50.000	52.432	-4.9	94	0.00
25	T	cis-1,2-Dichloroethene	50.000	55.488	-11.0	97	0.00
26	C	Chloroform	50.000	49.521	1.0	97	0.00
27	T	Bromochloromethane	50.000	50.476	-1.0	97	0.00
28	S	Dibromofluoromethane	50.000	22.770	54.5#	43	0.00
29	T	1,1,1-Trichloroethane	50.000	51.708	-3.4	96	0.00
30	T	Cyclohexane	50.000	54.367	-8.7	96	0.00
31	T	1,1-Dichloropropene	50.000	55.168	-10.3	97	0.00
32	T	Carbon Tetrachloride	50.000	52.125	-4.3	96	0.00
33	S	1,2-Dichloroethane-d4	50.000	21.769	56.5#	43	0.00
34	T	1,2-Dichloroethane	50.000	49.039	1.9	97	0.00
35	T	Benzene	50.000	52.509	-5.0	97	0.00
36	T	Trichloroethene	50.000	54.753	-9.5	96	0.00
37	C	1,2-Dichloropropane	50.000	52.501	-5.0	96	0.00
38	T	Bromodichloromethane	50.000	49.773	0.5	97	0.00
39	T	Dibromomethane	50.000	49.284	1.4	96	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	44.568	10.9	91	0.00
41	T	4-Methyl-2-Pentanone	50.000	51.437	-2.9	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D Vial: 2
Acq On : 20 Jun 2000 9:01 Operator: MES
Sample : WG79271-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	49.849	0.3	96	0.00
43	T	Dimethyl Disulfide	50.000	48.017	4.0	97	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	98	0.00
45	S	Toluene-d8	50.000	24.425	51.1#	43	0.00
46	C	Toluene	50.000	54.765	-9.5	96	0.00
47	T	Ethyl Methacrylate	50.000	51.702	-3.4	94	0.00
48	T	trans-1,3-Dichloropropene	50.000	52.719	-5.4	96	0.00
49	T	1,1,2-Trichloroethane	50.000	48.406	3.2	95	0.00
50	T	2-Hexanone	50.000	50.688	-1.4	93	0.00
51	T	1,3-Dichloropropane	50.000	51.127	-2.3	96	0.00
52	T	Tetrachloroethene	50.000	54.451	-8.9	97	0.00
53	T	Dibromochloromethane	50.000	50.283	-0.6	96	0.00
54	T	1,2-Dibromoethane	50.000	51.193	-2.4	96	0.00
55	T	1-Chlorohexane	50.000	51.589	-3.2	96	0.00
56	P	Chlorobenzene	50.000	48.905	2.2	96	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	49.084	1.8	97	0.00
58	C	Ethylbenzene	50.000	55.057	-10.1	97	0.00
59	T	m-,p-Xylene	100.000	110.466	-10.5	96	0.00
60	T	o-Xylene	50.000	51.753	-3.5	96	0.00
61	T	Styrene	50.000	54.775	-9.5	96	0.00
62	P	Bromoform	50.000	51.245	-2.5	96	0.00
63	T	Isopropylbenzene	50.000	51.536	-3.1	96	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	96	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	49.967	0.1	96	0.00
66	S	p-Bromofluorobenzene	50.000	24.428	51.1#	44	0.00
67	T	1,2,3-Trichloropropane	50.000	49.967	0.1	95	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	48.983	2.0	97	0.00
69	T	n-Propylbenzene	50.000	58.161	-16.3	96	0.00
70	T	Bromobenzene	50.000	50.156	-0.3	95	0.00
71	T	1,3,5-Trimethylbenzene	50.000	57.814	-15.6	96	0.00
72	T	2-Chlorotoluene	50.000	53.387	-6.8	94	0.00
73	T	4-Chlorotoluene	50.000	52.233	-4.5	97	0.00
74	T	a-Methylstyrene	50.000	56.498	-13.0	95	0.00
75	T	tert-Butylbenzene	50.000	49.409	1.2	86	0.00
76	T	1,2,4-Trimethylbenzene	50.000	52.964	-5.9	95	0.00
77	T	sec-Butylbenzene	50.000	56.890	-13.8	96	0.00
78	T	p-Isopropyltoluene	50.000	52.938	-5.9	95	0.00
79	T	1,3-Dichlorobenzene	50.000	49.974	0.1	95	0.00
80	T	1,4-Dichlorobenzene	50.000	50.977	-2.0	95	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D
Acq On : 20 Jun 2000 9:01
Sample : WG79271-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

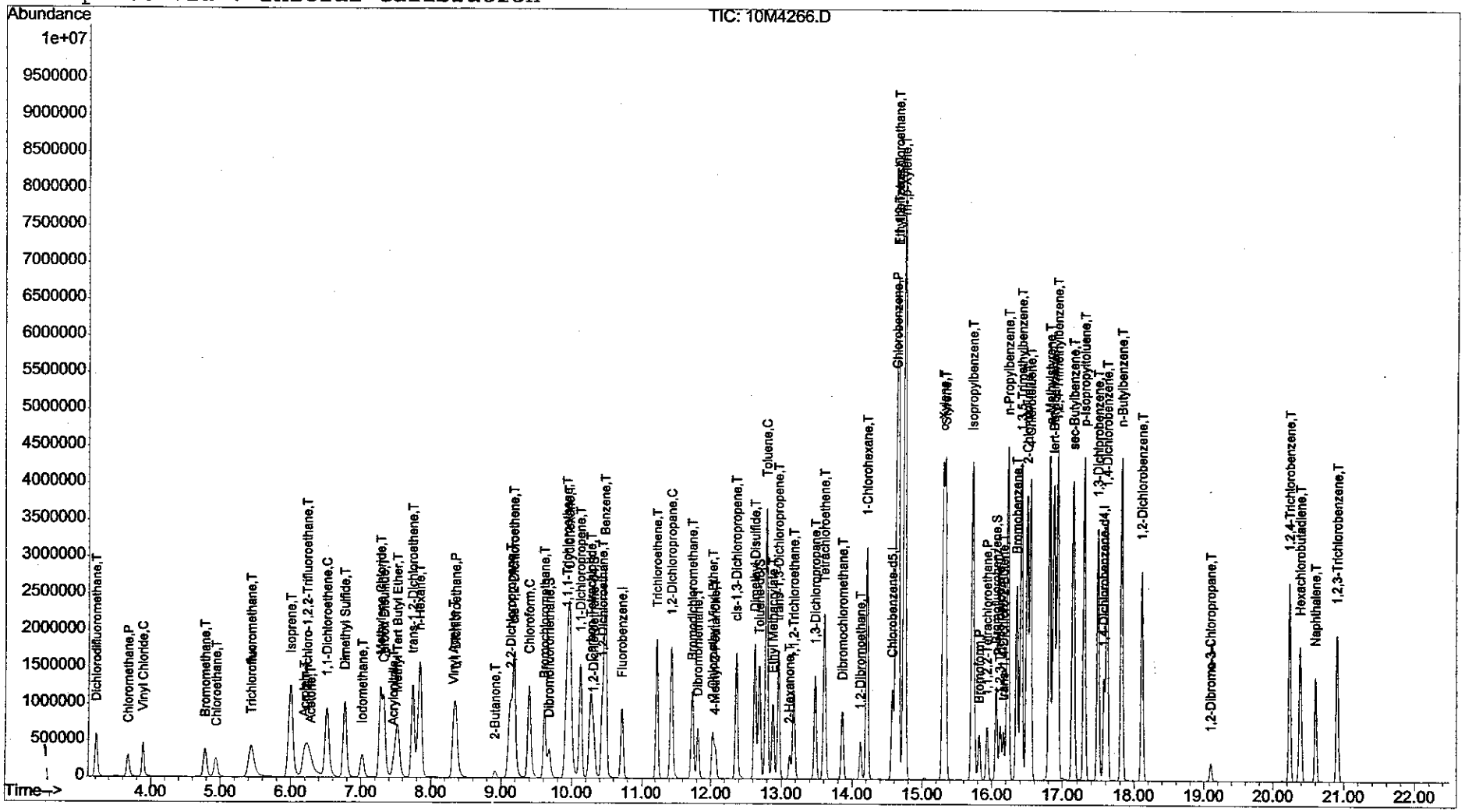
		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	57.749	-15.5	96	0.00
82	T	1,2-Dichlorobenzene	50.000	52.144	-4.3	95	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	44.443	11.1	94	0.00
84	T	1,2,4-Trichlorobenzene	50.000	49.037	1.9	95	0.00
85	T	Hexachlorobutadiene	50.000	52.555	-5.1	96	0.00
86	T	Naphthalene	50.000	46.857	6.3	94	0.00
87	T	1,2,3-Trichlorobenzene	50.000	52.494	-5.0	94	0.00

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D Vial: 2
Acq On : 20 Jun 2000 9:01 Operator: MES
Sample : WG79271-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 9:24 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D Vial: 2
Acq On : 20 Jun 2000 9:01 Operator: MES
Sample : WG79271-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 9:24 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.72	96	1046209	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.57	117	740015	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	398935	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	337444	22.77	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 91.08%				
33) 1,2-Dichloroethane-d4	10.32	65	430341	21.77	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 87.08%				
45) Toluene-d8	12.69	98	1280893	24.43	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.72%				
66) p-Bromofluorobenzene	16.07	95	526242	24.43	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 97.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	900116	50.21	ug/L		95
3) Chloromethane	3.67	50	530589	46.60	ug/L		96
4) Vinyl Chloride	3.88	62	591046	52.80	ug/L		97
5) Bromomethane	4.78	94	490434	45.85	ug/L		99
6) Chloroethane	4.94	64	454683	48.75	ug/L		99
7) Trichlorofluoromethane	5.43	101	1124836	51.11	ug/L		98
8) Isoprene	6.00	67	1108537	55.08	ug/L		93
9) Acrolein	6.18	56	115726	97.15	ug/L		91
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	766866	51.95	ug/L		95
11) Acetone	6.29	43	125143	47.87	ug/L		93
12) 1,1-Dichloroethene	6.51	96	627318	56.17	ug/L	#	65
13) Dimethyl Sulfide	6.77	62	850129	51.85	ug/L		97
14) Iodomethane	7.01	142	574355	49.62	ug/L	#	77
15) Methylene Chloride	7.28	84	673210	47.37	ug/L		97
16) Carbon Disulfide	7.33	76	2350552	52.24	ug/L		100
17) Acrylonitrile	7.45	53	175242	52.21	ug/L		89
18) Methyl Tert Butyl Ether	7.52	73	1500227	50.33	ug/L		93
19) trans-1,2-Dichloroethene	7.74	96	710229	54.87	ug/L	#	68
20) n-Hexane	7.84	57	1411539	54.18	ug/L		94
21) Vinyl Acetate	8.32	43	1018965	42.20	ug/L		97
22) 1,1-Dichloroethane	8.36	63	1729819	50.82	ug/L		99
23) 2-Butanone	8.91	43	182738	48.84	ug/L		98
24) 2,2-Dichloropropane	9.13	77	1457502	52.43	ug/L		91
25) cis-1,2-Dichloroethene	9.18	96	788952	55.49	ug/L	#	68
26) Chloroform	9.40	83	1532756	49.52	ug/L		98
27) Bromochloromethane	9.62	128	258597	50.48	ug/L		83
29) 1,1,1-Trichloroethane	9.93	97	1533069	51.71	ug/L	#	93

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D Vial: 2
Acq On : 20 Jun 2000 9:01 Operator: MES
Sample : WG79271-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 9:24 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
30)	Cyclohexane	9.97	56	1768327	54.37 ug/L		93
31)	1,1-Dichloropropene	10.12	75	1033339	55.17 ug/L	#	87
32)	Carbon Tetrachloride	10.27	117	1250065	52.13 ug/L		100
34)	1,2-Dichloroethane	10.43	62	1219510	49.04 ug/L	#	98
35)	Benzene	10.48	78	3196350	52.51 ug/L		98
36)	Trichloroethene	11.23	130	701347	54.75 ug/L	#	87
37)	1,2-Dichloropropane	11.44	63	848432	52.50 ug/L	#	82
38)	Bromodichloromethane	11.73	83	1053568	49.77 ug/L		99
39)	Dibromomethane	11.81	93	334480	49.28 ug/L		97
40)	2-Chloroethyl Vinyl Ether	12.03	63	308224	44.57 ug/L		96
41)	4-Methyl-2-Pentanone	12.07	58	156097	51.44 ug/L	#	93
42)	cis-1,3-Dichloropropene	12.36	75	1116909	49.85 ug/L	#	90
43)	Dimethyl Disulfide	12.63	79	668985	48.02 ug/L	#	72
46)	Toluene	12.79	91	3413851	54.76 ug/L		99
47)	Ethyl Methacrylate	12.88	69	640783	51.70 ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	1111030	52.72 ug/L	#	87
49)	1,1,2-Trichloroethane	13.18	97	438889	48.41 ug/L		96
50)	2-Hexanone	13.12	43	294823	50.69 ug/L	#	98
51)	1,3-Dichloropropane	13.48	76	905277	51.13 ug/L		97
52)	Tetrachloroethene	13.61	164	641325	54.45 ug/L		95
53)	Dibromochloromethane	13.86	129	581729	50.28 ug/L		100
54)	1,2-Dibromoethane	14.12	107	422596	51.19 ug/L		97
55)	1-Chlorohexane	14.21	91	1143723	51.59 ug/L		87
56)	Chlorobenzene	14.62	112	2106435	48.90 ug/L		99
57)	1,1,1,2-Tetrachloroethane	14.65	131	729673	49.08 ug/L		99
58)	Ethylbenzene	14.65	106	1238290	55.06 ug/L		83
59)	m-,p-Xylene	14.74	106	3070777	110.47 ug/L		79
60)	o-Xylene	15.30	106	1420475	51.75 ug/L		80
61)	Styrene	15.34	104	2358052	54.77 ug/L	#	79
62)	Bromoform	15.82	173	362823	51.25 ug/L		98
63)	Isopropylbenzene	15.72	105	3885796	51.54 ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	444641	49.97 ug/L		99
67)	1,2,3-Trichloropropane	16.12	110	143204	49.97 ug/L		80
68)	trans-1,4-Dichloro-2-Buten	16.17	53	208837	48.98 ug/L	#	8
69)	n-Propylbenzene	16.23	91	4888467	58.16 ug/L		91
70)	Bromobenzene	16.36	156	812918	50.16 ug/L		86
71)	1,3,5-Trimethylbenzene	16.42	105	3264145	57.81 ug/L		89
72)	2-Chlorotoluene	16.50	91	3073583	53.39 ug/L	#	81
73)	4-Chlorotoluene	16.54	91	3063093	52.23 ug/L	#	88
74)	a-Methylstyrene	16.82	118	1670156	56.50 ug/L		92
75)	tert-Butylbenzene	16.87	119	2460324	49.41 ug/L	#	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4266.D Vial: 2
Acq On : 20 Jun 2000 9:01 Operator: MES
Sample : WG79271-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 9:24 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	3346337	52.96	ug/L		90
77)	sec-Butylbenzene	17.15	105	3935856	56.89	ug/L		92
78)	p-Isopropyltoluene	17.30	119	3350746	52.94	ug/L		94
79)	1,3-Dichlorobenzene	17.49	146	1602684	49.97	ug/L		93
80)	1,4-Dichlorobenzene	17.62	146	1605658	50.98	ug/L		93
81)	n-Butylbenzene	17.82	91	3320024	57.75	ug/L	#	91
82)	1,2-Dichlorobenzene	18.11	146	1344060	52.14	ug/L		93
83)	1,2-Dibromo-3-Chloropropan	19.10	157	70999	44.44	ug/L	#	65
84)	1,2,4-Trichlorobenzene	20.24	180	1016234	49.04	ug/L		95
85)	Hexachlorobutadiene	20.39	225	538677	52.56	ug/L		95
86)	Naphthalene	20.60	128	1235942	46.86	ug/L		100
87)	1,2,3-Trichlorobenzene	20.91	180	760636	52.49	ug/L		96

(#) = qualifier out of range (m) = manual integration

Ical Date: 06/16/2000 Ical Filename: 10M4184.D Instrument: HPMS 10
CCV Date: 06/20/2000 CCV Filename: 10M4288.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	10.72	1041244	14.58	754976	17.58	415460
CCV	10.72	1161466	14.57	803062	17.58	419594
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D
Acq On : 20 Jun 2000 21:31
Sample : WG79341-02 50PPB STD
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	112	0.00
2	T	Dichlorodifluoromethane	50.000	47.450	5.1	98	0.00
3	P	Chloromethane	50.000	48.815	2.4	110	0.00
4	C	Vinyl Chloride	50.000	49.197	1.6	101	0.01
5	T	Bromomethane	50.000	43.053	13.9	99	0.02
6	T	Chloroethane	50.000	49.145	1.7	107	0.02
7	T	Trichlorofluoromethane	50.000	49.545	0.9	104	0.02
8	T	Isoprene	50.000	57.044	-14.1	110	0.01
9	T	Acrolein	100.000	81.373	18.6	85	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	50.467	-0.9	104	0.01
11	T	Acetone	50.000	42.313	15.4	93	-0.02
12	C	1,1-Dichloroethene	50.000	54.654	-9.3	105	0.00
13	T	Dimethyl Sulfide	50.000	50.683	-1.4	105	0.00
14	T	Iodomethane	50.000	58.501	-17.0	113	0.00
15	T	Methylene Chloride	50.000	45.567	8.9	104	0.00
16	T	Carbon Disulfide	50.000	54.001	-8.0	109	0.00
17	T	Acrylonitrile	50.000	46.037	7.9	94	0.00
18	T	Methyl Tert Butyl Ether	50.000	45.050	9.9	94	0.00
19	T	trans-1,2-Dichloroethene	50.000	53.626	-7.3	105	0.00
20	T	n-Hexane	50.000	55.039	-10.1	109	0.00
21	T	Vinyl Acetate	50.000	35.363	29.3#	82	0.00
22	P	1,1-Dichloroethane	50.000	48.933	2.1	103	0.00
23	T	2-Butanone	50.000	43.236	13.5	90	0.00
24	T	2,2-Dichloropropane	50.000	50.768	-1.5	102	0.00
25	T	cis-1,2-Dichloroethene	50.000	54.341	-8.7	105	0.00
26	C	Chloroform	50.000	47.196	5.6	103	0.00
27	T	Bromochloromethane	50.000	48.089	3.8	102	0.00
28	S	Dibromofluoromethane	50.000	23.488	53.0#	49	0.00
29	T	1,1,1-Trichloroethane	50.000	49.303	1.4	102	0.00
30	T	Cyclohexane	50.000	54.795	-9.6	108	0.00
31	T	1,1-Dichloropropene	50.000	53.430	-6.9	105	0.00
32	T	Carbon Tetrachloride	50.000	50.147	-0.3	102	0.00
33	S	1,2-Dichloroethane-d4	50.000	20.941	58.1#	46	0.00
34	T	1,2-Dichloroethane	50.000	43.370	13.3	95	0.00
35	T	Benzene	50.000	51.615	-3.2	105	0.00
36	T	Trichloroethene	50.000	53.925	-7.8	105	0.00
37	C	1,2-Dichloropropane	50.000	50.535	-1.1	103	0.00
38	T	Bromodichloromethane	50.000	45.987	8.0	100	0.00
39	T	Dibromomethane	50.000	45.136	9.7	97	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	42.870	14.3	97	0.00
41	T	4-Methyl-2-Pentanone	50.000	43.954	12.1	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	46.579	6.8	100	0.00
43	T	Dimethyl Disulfide	50.000	44.498	11.0	99	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	106	0.00
45	S	Toluene-d8	50.000	26.728	46.5#	51	0.00
46	C	Toluene	50.000	55.207	-10.4	105	0.00
47	T	Ethyl Methacrylate	50.000	47.394	5.2	94	0.00
48	T	trans-1,3-Dichloropropene	50.000	47.727	4.5	95	0.00
49	T	1,1,2-Trichloroethane	50.000	45.217	9.6	96	0.00
50	T	2-Hexanone	50.000	43.583	12.8	86	0.00
51	T	1,3-Dichloropropane	50.000	47.206	5.6	97	0.00
52	T	Tetrachloroethene	50.000	54.670	-9.3	105	0.00
53	T	Dibromochloromethane	50.000	46.415	7.2	96	0.00
54	T	1,2-Dibromoethane	50.000	47.732	4.5	97	0.00
55	T	1-Chlorohexane	50.000	53.287	-6.6	107	0.00
56	P	Chlorobenzene	50.000	48.087	3.8	102	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	45.695	8.6	98	0.00
58	C	Ethylbenzene	50.000	54.297	-8.6	104	0.00
59	T	m-,p-Xylene	100.000	109.304	-9.3	103	0.00
60	T	o-Xylene	50.000	51.216	-2.4	103	0.00
61	T	Styrene	50.000	53.511	-7.0	101	0.00
62	P	Bromoform	50.000	45.275	9.5	92	0.00
63	T	Isopropylbenzene	50.000	51.603	-3.2	104	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	101	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	46.535	6.9	94	0.00
66	S	p-Bromofluorobenzene	50.000	27.080	45.8#	51	0.00
67	T	1,2,3-Trichloropropane	50.000	45.393	9.2	91	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	44.249	11.5	92	0.00
69	T	n-Propylbenzene	50.000	60.189	-20.4	104	0.00
70	T	Bromobenzene	50.000	49.692	0.6	99	0.00
71	T	1,3,5-Trimethylbenzene	50.000	59.372	-18.7	104	0.00
72	T	2-Chlorotoluene	50.000	56.364	-12.7	104	0.00
73	T	4-Chlorotoluene	50.000	51.015	-2.0	100	0.00
74	T	a-Methylstyrene	50.000	58.714	-17.4	104	0.00
75	T	tert-Butylbenzene	50.000	50.861	-1.7	93	0.00
76	T	1,2,4-Trimethylbenzene	50.000	54.107	-8.2	103	0.00
77	T	sec-Butylbenzene	50.000	59.214	-18.4	105	0.00
78	T	p-Isopropyltoluene	50.000	54.742	-9.5	104	0.00
79	T	1,3-Dichlorobenzene	50.000	50.466	-0.9	101	0.00
80	T	1,4-Dichlorobenzene	50.000	50.741	-1.5	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	60.101	-20.2	105	0.00
82	T	1,2-Dichlorobenzene	50.000	51.216	-2.4	98	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	40.857	18.3	91	0.00
84	T	1,2,4-Trichlorobenzene	50.000	47.361	5.3	96	0.00
85	T	Hexachlorobutadiene	50.000	56.723	-13.4	109	0.00
86	T	Naphthalene	50.000	42.447	15.1	89	0.00
87	T	1,2,3-Trichlorobenzene	50.000	47.445	5.1	89	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	112	0.00
2	T	Dichlorodifluoromethane	0.428	0.407	4.9	98	0.00
3	P	Chloromethane	0.272	0.266	2.2	110	0.00
4	C	Vinyl Chloride	0.304	0.265	12.8	101	0.01
5	T	Bromomethane	0.256	0.220	14.1	99	0.02
6	T	Chloroethane	0.223	0.219	1.8	107	0.02
7	T	Trichlorofluoromethane	0.526	0.521	1.0	104	0.02
8	T	Isoprene	0.481	0.549	-14.1	110	0.01
9	T	Acrolein	0.028	0.023	17.9	85	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.353	0.356	-0.8	104	0.01
11	T	Acetone	0.062	0.053	14.5	93	-0.02
12	C	1,1-Dichloroethene	0.267	0.292	-9.4	105	0.00
13	T	Dimethyl Sulfide	0.392	0.397	-1.3	105	0.00
14	T	Iodomethane	0.251	0.324	-29.1#	113	0.00
15	T	Methylene Chloride	0.340	0.309	9.1	104	0.00
16	T	Carbon Disulfide	1.075	1.161	-8.0	109	0.00
17	T	Acrylonitrile	0.080	0.074	7.5	94	0.00
18	T	Methyl Tert Butyl Ether	0.712	0.642	9.8	94	0.00
19	T	trans-1,2-Dichloroethene	0.309	0.332	-7.4	105	0.00
20	T	n-Hexane	0.623	0.685	-10.0	109	0.00
21	T	Vinyl Acetate	0.462	0.411	11.0	82	0.00
22	P	1,1-Dichloroethane	0.813	0.796	2.1	103	0.00
23	T	2-Butanone	0.089	0.077	13.5	90	0.00
24	T	2,2-Dichloropropane	0.664	0.674	-1.5	102	0.00
25	T	cis-1,2-Dichloroethene	0.340	0.369	-8.5	105	0.00
26	C	Chloroform	0.740	0.698	5.7	103	0.00
27	T	Bromochloromethane	0.122	0.118	3.3	102	0.00
28	S	Dibromofluoromethane	0.354	0.166	53.1#	49#	0.00
29	T	1,1,1-Trichloroethane	0.708	0.699	1.3	102	0.00
30	T	Cyclohexane	0.777	0.852	-9.7	103	0.00
31	T	1,1-Dichloropropene	0.448	0.478	-6.7	105	0.00
32	T	Carbon Tetrachloride	0.573	0.575	-0.3	102	0.00
33	S	1,2-Dichloroethane-d4	0.472	0.198	58.1#	46#	0.00
34	T	1,2-Dichloroethane	0.594	0.515	13.3	95	0.00
35	T	Benzene	1.455	1.502	-3.2	105	0.00
36	T	Trichloroethene	0.306	0.330	-7.8	105	0.00
37	C	1,2-Dichloropropane	0.386	0.390	-1.0	103	0.00
38	T	Bromodichloromethane	0.506	0.465	8.1	100	0.00
39	T	Dibromomethane	0.162	0.146	9.9	97	0.00
40	T	2-Chloroethyl Vinyl Ether	0.129	0.142	-10.1	97	0.00
41	T	4-Methyl-2-Pentanone	0.073	0.064	12.3	90	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.469	0.499	-6.4	100	0.00
43	T	Dimethyl Disulfide	0.298	0.296	0.7	99	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
45	S	Toluene-d8	1.772	0.947	~~46.6#~~	51	0.00
46	C	Toluene	2.106	2.325	-10.4	105	0.00
47	T	Ethyl Methacrylate	0.419	0.397	5.3	94	0.00
48	T	trans-1,3-Dichloropropene	0.712	0.680	4.5	95	0.00
49	T	1,1,2-Trichloroethane	0.306	0.277	9.5	96	0.00
50	T	2-Hexanone	0.196	0.171	12.8	86	0.00
51	T	1,3-Dichloropropane	0.598	0.565	5.5	97	0.00
52	T	Tetrachloroethene	0.398	0.435	-9.3	105	0.00
53	T	Dibromochloromethane	0.402	0.363	9.7	96	0.00
54	T	1,2-Dibromoethane	0.279	0.266	4.7	97	0.00
55	T	1-Chlorohexane	0.605	0.798	-31.9#	107	0.00
56	P	Chlorobenzene	1.455	1.399	3.8	102	0.00
57	T	1,1,1,2-Tetrachloroethane	0.506	0.462	8.7	98	0.00
58	C	Ethylbenzene	0.760	0.825	-8.6	104	0.00
59	T	m-,p-Xylene	0.939	1.026	-9.3	103	0.00
60	T	o-Xylene	0.817	0.950	-16.3	103	0.00
61	T	Styrene	1.454	1.556	-7.0	101	0.00
62	P	Bromoform	0.239	0.217	9.2	92	0.00
63	T	Isopropylbenzene	2.212	2.629	-18.9	104	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
65	P	1,1,2,2-Tetrachloroethane	0.647	0.519	19.8	94	0.00
66	S	p-Bromofluorobenzene	1.350	0.731	~~45.9#~~	51	0.00
67	T	1,2,3-Trichloropropane	0.180	0.163	9.4	91	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.267	0.236	11.6	92	0.00
69	T	n-Propylbenzene	5.267	6.341	-20.4	104	0.00
70	T	Bromobenzene	1.016	1.009	0.7	99	0.00
71	T	1,3,5-Trimethylbenzene	3.538	4.201	-18.7	104	0.00
72	T	2-Chlorotoluene	3.608	4.067	-12.7	104	0.00
73	T	4-Chlorotoluene	3.675	3.750	-2.0	100	0.00
74	T	a-Methylstyrene	1.853	2.175	-17.4	104	0.00
75	T	tert-Butylbenzene	3.121	3.174	-1.7	93	0.00
76	T	1,2,4-Trimethylbenzene	3.959	4.285	-8.2	103	0.00
77	T	sec-Butylbenzene	4.336	5.134	-18.4	105	0.00
78	T	p-Isopropyltoluene	3.540	4.343	-22.7	104	0.00
79	T	1,3-Dichlorobenzene	2.010	2.028	-0.9	101	0.00
80	T	1,4-Dichlorobenzene	1.974	2.003	-1.5	100	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

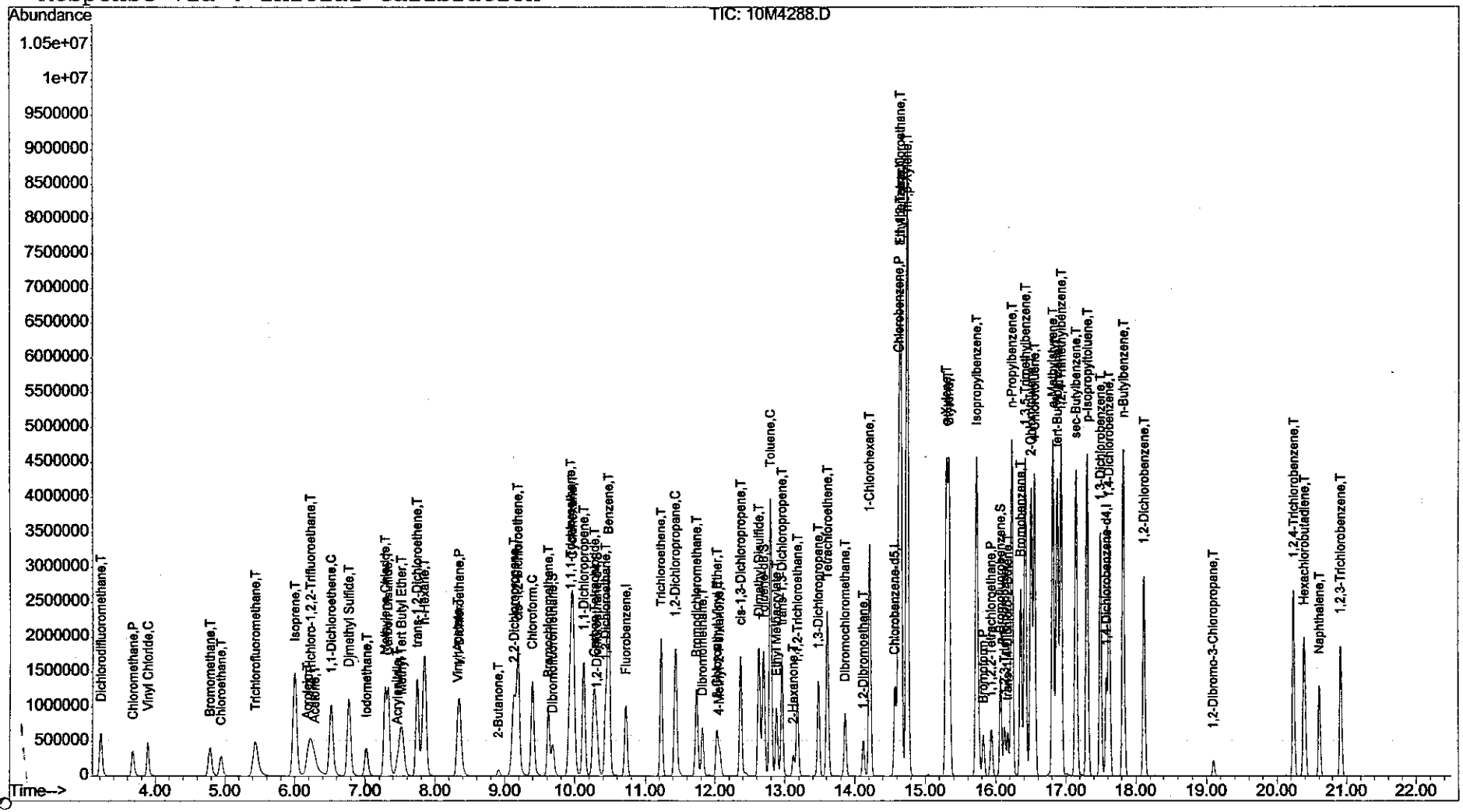
		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	3.603	4.331	-20.2	105	0.00
82	T	1,2-Dichlorobenzene	1.615	1.655	-2.5	98	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.092	0.082	10.9	91	0.00
84	T	1,2,4-Trichlorobenzene	1.178	1.230	-4.4	96	0.00
85	T	Hexachlorobutadiene	0.642	0.729	-13.6	109	0.00
86	T	Naphthalene	1.428	1.403	1.8	89	0.00
87	T	1,2,3-Trichlorobenzene	0.908	0.862	5.1	89	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0
10M4288.D 8260WTR.M Tue Jun 20 21:55:27 2000 Page 536

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 21:53 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 21:53 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.72	96	1161466	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.57	117	803062	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	419594	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	386431	23.49	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.96%				
33) 1,2-Dichloroethane-d4	10.31	65	459575	20.94	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 83.76%				
45) Toluene-d8	12.69	98	1521097	26.73	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.92%				
66) p-Bromofluorobenzene	16.07	95	613563	27.08	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	944305	47.45	ug/L		94
3) Chloromethane	3.68	50	617053	48.82	ug/L		95
4) Vinyl Chloride	3.89	62	615657	49.20	ug/L		96
5) Bromomethane	4.78	94	511247	43.05	ug/L		99
6) Chloroethane	4.94	64	508828	49.15	ug/L		98
7) Trichlorofluoromethane	5.44	101	1210459	49.55	ug/L		98
8) Isoprene	6.00	67	1274618	57.04	ug/L		94
9) Acrolein	6.18	56	107611	81.37	ug/L		97
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	827002	50.47	ug/L		96
11) Acetone	6.29	43	122813	42.31	ug/L		93
12) 1,1-Dichloroethene	6.51	96	677583	54.65	ug/L	#	68
13) Dimethyl Sulfide	6.77	62	922542	50.68	ug/L		100
14) Iodomethane	7.02	142	751777	58.50	ug/L	#	82
15) Methylene Chloride	7.28	84	718857	45.57	ug/L		99
16) Carbon Disulfide	7.33	76	2697605	54.00	ug/L		99
17) Acrylonitrile	7.46	53	171552	46.04	ug/L		89
18) Methyl Tert Butyl Ether	7.52	73	1490654	45.05	ug/L		93
19) trans-1,2-Dichloroethene	7.74	96	770586	53.63	ug/L	#	70
20) n-Hexane	7.84	57	1591893	55.04	ug/L		94
21) Vinyl Acetate	8.32	43	954806	35.36	ug/L		97
22) 1,1-Dichloroethane	8.36	63	1848984	48.93	ug/L		99
23) 2-Butanone	8.91	43	179595	43.24	ug/L		99
24) 2,2-Dichloropropane	9.13	77	1566704	50.77	ug/L		92
25) cis-1,2-Dichloroethene	9.19	96	857767	54.34	ug/L	#	72
26) Chloroform	9.40	83	1621714	47.20	ug/L		99
27) Bromochloromethane	9.62	128	273510	48.09	ug/L		85
29) 1,1,1-Trichloroethane	9.94	97	1622805	49.30	ug/L	#	93

(#) = qualifier out of range (m) = manual integration
10M4288.D 8260WTR.M Tue Jun 20 21:53:54 2000 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 21:53 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	9.97	56	1978594	54.79	ug/L		94
31)	1,1-Dichloropropene	10.13	75	1111047	53.43	ug/L		89
32)	Carbon Tetrachloride	10.27	117	1335118	50.15	ug/L		100
34)	1,2-Dichloroethane	10.43	62	1197335	43.37	ug/L	#	99
35)	Benzene	10.48	78	3488064	51.62	ug/L		97
36)	Trichloroethene	11.23	130	766829	53.92	ug/L	#	89
37)	1,2-Dichloropropane	11.44	63	906615	50.53	ug/L	#	85
38)	Bromodichloromethane	11.73	83	1080664	45.99	ug/L		99
39)	Dibromomethane	11.82	93	340076	45.14	ug/L		99
40)	2-Chloroethyl Vinyl Ether	12.03	63	329139	42.87	ug/L		97
41)	4-Methyl-2-Pentanone	12.06	58	148083	43.95	ug/L		94
42)	cis-1,3-Dichloropropene	12.37	75	1158615	46.58	ug/L		91
43)	Dimethyl Disulfide	12.63	79	688257	44.50	ug/L	#	70
46)	Toluene	12.79	91	3734641	55.21	ug/L		99
47)	Ethyl Methacrylate	12.88	69	637444	47.39	ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	1091523	47.73	ug/L	#	88
49)	1,1,2-Trichloroethane	13.18	97	444901	45.22	ug/L		97
50)	2-Hexanone	13.12	43	275093	43.58	ug/L	#	98
51)	1,3-Dichloropropane	13.48	76	907049	47.21	ug/L		100
52)	Tetrachloroethene	13.61	164	698764	54.67	ug/L		94
53)	Dibromochloromethane	13.86	129	582719	46.41	ug/L		100
54)	1,2-Dibromoethane	14.12	107	427596	47.73	ug/L		97
55)	1-Chlorohexane	14.22	91	1282012	53.29	ug/L		91
56)	Chlorobenzene	14.63	112	2247686	48.09	ug/L		99
57)	1,1,1,2-Tetrachloroethane	14.65	131	741517	45.69	ug/L		99
58)	Ethylbenzene	14.65	106	1325241	54.30	ug/L		83
59)	m-,p-Xylene	14.74	106	3297339	109.30	ug/L		79
60)	o-Xylene	15.30	106	1525505	51.22	ug/L		80
61)	Styrene	15.34	104	2499930	53.51	ug/L	#	81
62)	Bromoform	15.82	173	347865	45.28	ug/L		99
63)	Isopropylbenzene	15.73	105	4222345	51.60	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	435548	46.53	ug/L		98
67)	1,2,3-Trichloropropane	16.13	110	136834	45.39	ug/L		87
68)	trans-1,4-Dichloro-2-Buten	16.17	53	198420	44.25	ug/L	#	12
69)	n-Propylbenzene	16.23	91	5320872	60.19	ug/L		91
70)	Bromobenzene	16.36	156	847101	49.69	ug/L		85
71)	1,3,5-Trimethylbenzene	16.42	105	3525717	59.37	ug/L		90
72)	2-Chlorotoluene	16.50	91	3413000	56.36	ug/L	#	81
73)	4-Chlorotoluene	16.55	91	3146536	51.01	ug/L	#	88
74)	a-Methylstyrene	16.81	118	1825530	58.71	ug/L		94
75)	tert-Butylbenzene	16.88	119	2663820	50.86	ug/L	#	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4288.D Vial: 2
Acq On : 20 Jun 2000 21:31 Operator: MES
Sample : WG79341-02 50PPB STD Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 21:53 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	3595592	54.11	ug/L		90
77)	sec-Butylbenzene	17.15	105	4308792	59.21	ug/L		92
78)	p-Isopropyltoluene	17.31	119	3644378	54.74	ug/L		93
79)	1,3-Dichlorobenzene	17.50	146	1702277	50.47	ug/L		94
80)	1,4-Dichlorobenzene	17.63	146	1680984	50.74	ug/L		93
81)	n-Butylbenzene	17.83	91	3634219	60.10	ug/L	#	91
82)	1,2-Dichlorobenzene	18.12	146	1388493	51.22	ug/L		93
83)	1,2-Dibromo-3-Chloropropan	19.10	157	68651	40.86	ug/L	#	73
84)	1,2,4-Trichlorobenzene	20.24	180	1032317	47.36	ug/L		94
85)	Hexachlorobutadiene	20.40	225	611509	56.72	ug/L		94
86)	Naphthalene	20.61	128	1177585	42.45	ug/L		99
87)	1,2,3-Trichlorobenzene	20.91	180	723087	47.45	ug/L		95

(#) = qualifier out of range (m) = manual integration
10M4288.D 8260WTR.M Tue Jun 20 21:53:55 2000

Ical Date: 6/15/00 Ical Filename: 2M36399.D Instrument: HPMS 2
CCV Date: 6/21/00 CCV Filename: 2M36589.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.75	1759149	17.22	1328074	21.6	612188
CCV	11.75	1493960	17.22	1107033	21.6	499932
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	50.000	44.074	11.9	77	0.00
3	P	Chloromethane	50.000	48.784	2.4	88	0.00
4	C	Vinyl Chloride	50.000	59.301	-18.6	92	-0.02
5	T	Bromomethane	50.000	46.541	6.9	86	0.00
6	T	Chloroethane	50.000	49.233	1.5	91	0.00
7	T	Trichlorofluoromethane	50.000	49.278	1.4	87	0.01
8	T	Isoprene	50.000	52.245	-4.5	86	0.00
9	T	Acrolein	100.000	39.339	60.7#	34	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	51.276	-2.6	84	0.01
11	T	Acetone	50.000	53.148	-6.3	88	0.00
12	C	1,1-Dichloroethene	50.000	49.010	2.0	86	0.01
13	T	Dimethyl Sulfide	50.000	47.897	4.2	83	-0.02
14	T	Iodomethane	50.000	60.195	-20.4	98	0.00
15	T	Methylene Chloride	50.000	50.521	-1.0	81	0.00
16	T	Carbon Disulfide	50.000	45.986	8.0	83	0.00
17	T	Acrylonitrile	50.000	50.619	-1.2	84	0.00
18	T	Methyl Tert Butyl Ether	50.000	44.988	10.0	75	-0.02
19	T	trans-1,2-Dichloroethene	50.000	48.205	3.6	82	0.01
20	T	n-Hexane	50.000	49.666	0.7	86	0.00
21	T	Vinyl Acetate	50.000	39.734	20.5	70	0.00
22	P	1,1-Dichloroethane	50.000	52.534	-5.1	90	0.00
23	T	2-Butanone	50.000	47.994	4.0	77	0.00
24	T	2,2-Dichloropropane	50.000	51.073	-2.1	84	0.00
25	T	cis-1,2-Dichloroethene	50.000	47.122	5.8	81	0.00
26	C	Chloroform	50.000	47.081	5.8	82	0.00
27	T	Bromochloromethane	50.000	45.579	8.8	80	0.00
28	S	Dibromofluoromethane	50.000	26.353	47.3#	46	0.00
29	T	1,1,1-Trichloroethane	50.000	49.381	1.2	83	0.00
30	T	Cyclohexane	50.000	50.910	-1.8	85	0.00
31	T	1,1-Dichloropropene	50.000	50.358	-0.7	84	0.00
32	T	Carbon Tetrachloride	50.000	50.952	-1.9	85	0.01
33	S	1,2-Dichloroethane-d4	50.000	27.134	45.7#	48	0.00
34	T	1,2-Dichloroethane	50.000	48.781	2.4	85	0.00
35	T	Benzene	50.000	47.302	5.4	82	0.00
36	T	Trichloroethene	50.000	47.566	4.9	81	0.00
37	C	1,2-Dichloropropane	50.000	49.088	1.8	84	0.00
38	T	Bromodichloromethane	50.000	45.170	9.7	78	0.00
39	T	Dibromomethane	50.000	44.372	11.3	76	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	44.054	11.9	71	0.00
41	T	4-Methyl-2-Pentanone	50.000	46.714	6.6	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	46.046	7.9	80	0.00
43	T	Dimethyl Disulfide	50.000	45.629	8.7	76	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	83	0.00
45	S	Toluene-d8	50.000	27.222	45.6#	48	0.00
46	C	Toluene	50.000	46.320	7.4	81	0.00
47	T	Ethyl Methacrylate	50.000	44.804	10.4	75	0.00
48	T	trans-1,3-Dichloropropene	50.000	47.105	5.8	79	0.00
49	T	1,1,2-Trichloroethane	50.000	45.770	8.5	78	0.00
50	T	2-Hexanone	50.000	45.314	9.4	76	0.00
51	T	1,3-Dichloropropane	50.000	45.774	8.5	78	0.01
52	T	Tetrachloroethene	50.000	44.764	10.5	78	0.00
53	T	Dibromochloromethane	50.000	47.538	4.9	79	0.01
54	T	1,2-Dibromoethane	50.000	45.447	9.1	77	0.00
55	T	1-Chlorohexane	50.000	45.167	9.7	78	0.00
56	P	Chlorobenzene	50.000	46.460	7.1	80	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	46.495	7.0	79	0.00
58	C	Ethylbenzene	50.000	47.119	5.8	82	0.00
59	T	m-,p-Xylene	100.000	95.792	4.2	84	0.00
60	T	o-Xylene	50.000	48.015	4.0	84	0.00
61	T	Styrene	50.000	47.592	4.8	82	0.00
62	P	Bromoform	50.000	44.901	10.2	74	0.00
63	T	Isopropylbenzene	50.000	48.136	3.7	84	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	82	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	47.284	5.4	78	0.00
66	S	p-Bromofluorobenzene	50.000	28.404	43.2#	48	0.00
67	T	1,2,3-Trichloropropane	50.000	48.766	2.5	77	0.01
68	T	trans-1,4-Dichloro-2-Butene	50.000	56.420	-12.8	83	0.00
69	T	n-Propylbenzene	50.000	50.050	-0.1	84	0.00
70	T	Bromobenzene	50.000	46.366	7.3	78	0.00
71	T	1,3,5-Trimethylbenzene	50.000	48.845	2.3	84	0.00
72	T	2-Chlorotoluene	50.000	48.211	3.6	83	0.00
73	T	4-Chlorotoluene	50.000	49.923	0.2	83	0.00
74	T	a-Methylstyrene	50.000	49.145	1.7	84	0.00
75	T	tert-Butylbenzene	50.000	50.241	-0.5	85	0.00
76	T	1,2,4-Trimethylbenzene	50.000	49.315	1.4	85	0.00
77	T	sec-Butylbenzene	50.000	50.368	-0.7	86	0.00
78	T	p-Isopropyltoluene	50.000	50.733	-1.5	85	0.00
79	T	1,3-Dichlorobenzene	50.000	47.968	4.1	81	0.00
80	T	1,4-Dichlorobenzene	50.000	47.421	5.2	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	51.622	-3.2	86	0.00
82	T	1,2-Dichlorobenzene	50.000	47.320	5.4	80	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	46.228	7.5	72	0.00
84	T	1,2,4-Trichlorobenzene	50.000	47.808	4.4	76	0.00
85	T	Hexachlorobutadiene	50.000	46.273	7.5	81	0.00
86	T	Naphthalene	50.000	53.247	-6.5	83	0.00
87	T	1,2,3-Trichlorobenzene	50.000	46.650	6.7	75	0.01

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	85	0.00
2	T	Dichlorodifluoromethane	0.243	0.214	11.9	77	0.00
3	P	Chloromethane	0.202	0.198	2.0	88	0.00
4	C	Vinyl Chloride	0.182	0.164	9.9	92	-0.02
5	T	Bromomethane	0.133	0.102	23.3	86	0.00
6	T	Chloroethane	0.105	0.103	1.9	91	0.00
7	T	Trichlorofluoromethane	0.285	0.280	1.8	87	0.01
8	T	Isoprene	0.319	0.333	-4.4	86	0.00
9	T	Acrolein	0.003	0.002	33.3#	34#	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.210	0.216	-2.9	84	0.01
11	T	Acetone	0.037	0.026	29.7#	88	0.00
12	C	1,1-Dichloroethene	0.192	0.188	2.1	86	0.01
13	T	Dimethyl Sulfide	0.246	0.235	4.5	83	-0.02
14	T	Iodomethane	0.208	0.251	-20.7	98	0.00
15	T	Methylene Chloride	0.282	0.245	13.1	81	0.00
16	T	Carbon Disulfide	0.942	0.866	8.1	83	0.00
17	T	Acrylonitrile	0.042	0.042	0.0	84	0.00
18	T	Methyl Tert Butyl Ether	0.380	0.342	10.0	75	-0.02
19	T	trans-1,2-Dichloroethene	0.232	0.224	3.4	82	0.01
20	T	n-Hexane	0.308	0.306	0.6	86	0.00
21	T	Vinyl Acetate	0.313	0.249	20.4	70	0.00
22	P	1,1-Dichloroethane	0.508	0.534	-5.1	90	0.00
23	T	2-Butanone	0.060	0.052	13.3	77	0.00
24	T	2,2-Dichloropropane	0.390	0.398	-2.1	84	0.00
25	T	cis-1,2-Dichloroethene	0.294	0.277	5.8	81	0.00
26	C	Chloroform	0.493	0.464	5.9	82	0.00
27	T	Bromochloromethane	0.118	0.108	8.5	80	0.00
28	S	Dibromofluoromethane	0.252	0.133	~~47.2#~~	46#	0.00
29	T	1,1,1-Trichloroethane	0.348	0.343	1.4	83	0.00
30	T	Cyclohexane	0.474	0.482	-1.7	85	0.00
31	T	1,1-Dichloropropene	0.341	0.343	-0.6	84	0.00
32	T	Carbon Tetrachloride	0.275	0.280	-1.8	85	0.01
33	S	1,2-Dichloroethane-d4	0.217	0.118	~~45.6#~~	48#	0.00
34	T	1,2-Dichloroethane	0.291	0.284	2.4	85	0.00
35	T	Benzene	1.250	1.182	5.4	82	0.00
36	T	Trichloroethene	0.289	0.275	4.8	81	0.00
37	C	1,2-Dichloropropane	0.335	0.329	1.8	84	0.00
38	T	Bromodichloromethane	0.369	0.333	9.8	78	0.00
39	T	Dibromomethane	0.141	0.125	11.3	76	0.00
40	T	2-Chloroethyl Vinyl Ether	0.156	0.114	26.9#	71	0.00
41	T	4-Methyl-2-Pentanone	0.055	0.051	7.3	76	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.465	0.428	8.0	80	0.00
43	T	Dimethyl Disulfide	0.270	0.247	8.5	76	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
45	S	Toluene-d8	1.275	0.694	~~45.6#~~	48#	0.00
46	C	Toluene	1.722	1.596	7.3	81	0.00
47	T	Ethyl Methacrylate	0.365	0.327	10.4	75	0.00
48	T	trans-1,3-Dichloropropene	0.511	0.482	5.7	79	0.00
49	T	1,1,2-Trichloroethane	0.237	0.216	8.9	78	0.00
50	T	2-Hexanone	0.132	0.120	9.1	76	0.00
51	T	1,3-Dichloropropane	0.512	0.469	8.4	78	0.01
52	T	Tetrachloroethene	0.298	0.267	10.4	78	0.00
53	T	Dibromochloromethane	0.289	0.275	4.8	79	0.01
54	T	1,2-Dibromoethane	0.247	0.225	8.9	77	0.00
55	T	1-Chlorohexane	0.609	0.550	9.7	78	0.00
56	P	Chlorobenzene	1.025	0.952	7.1	80	0.00
57	T	1,1,1,2-Tetrachloroethane	0.330	0.306	7.3	79	0.00
58	C	Ethylbenzene	0.542	0.511	5.7	82	0.00
59	T	m-,p-Xylene	0.652	0.625	4.1	84	0.00
60	T	o-Xylene	0.655	0.629	4.0	84	0.00
61	T	Styrene	1.126	1.072	4.8	82	0.00
62	P	Bromoform	0.146	0.131	10.3	74	0.00
63	T	Isopropylbenzene	1.657	1.595	3.7	84	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
65	P	1,1,2,2-Tetrachloroethane	0.604	0.572	5.3	78	0.00
66	S	p-Bromofluorobenzene	1.041	0.592	~~43.1#~~	48#	0.00
67	T	1,2,3-Trichloropropane	0.128	0.125	2.3	77	0.01
68	T	trans-1,4-Dichloro-2-Butene	0.153	0.172	-12.4	83	0.00
69	T	n-Propylbenzene	4.621	4.626	-0.1	84	0.00
70	T	Bromobenzene	0.849	0.787	7.3	78	0.00
71	T	1,3,5-Trimethylbenzene	2.830	2.764	2.3	84	0.00
72	T	2-Chlorotoluene	2.887	2.784	3.6	83	0.00
73	T	4-Chlorotoluene	2.757	2.753	0.1	83	0.00
74	T	a-Methylstyrene	1.618	1.590	1.7	84	0.00
75	T	tert-Butylbenzene	2.658	2.670	-0.5	85	0.00
76	T	1,2,4-Trimethylbenzene	2.830	2.791	1.4	85	0.00
77	T	sec-Butylbenzene	3.341	3.366	-0.7	86	0.00
78	T	p-Isopropyltoluene	2.677	2.716	-1.5	85	0.00
79	T	1,3-Dichlorobenzene	1.611	1.545	4.1	81	0.00
80	T	1,4-Dichlorobenzene	1.619	1.535	5.2	81	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.587	2.671	-3.2	86	0.00
82	T	1,2-Dichlorobenzene	1.375	1.302	5.3	80	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.081	0.075	7.4	72	0.00
84	T	1,2,4-Trichlorobenzene	0.642	0.614	4.4	76	0.00
85	T	Hexachlorobutadiene	0.278	0.257	7.6	81	0.00
86	T	Naphthalene	1.020	1.086	-6.5	83	0.00
87	T	1,2,3-Trichlorobenzene	0.490	0.457	6.7	75	0.01

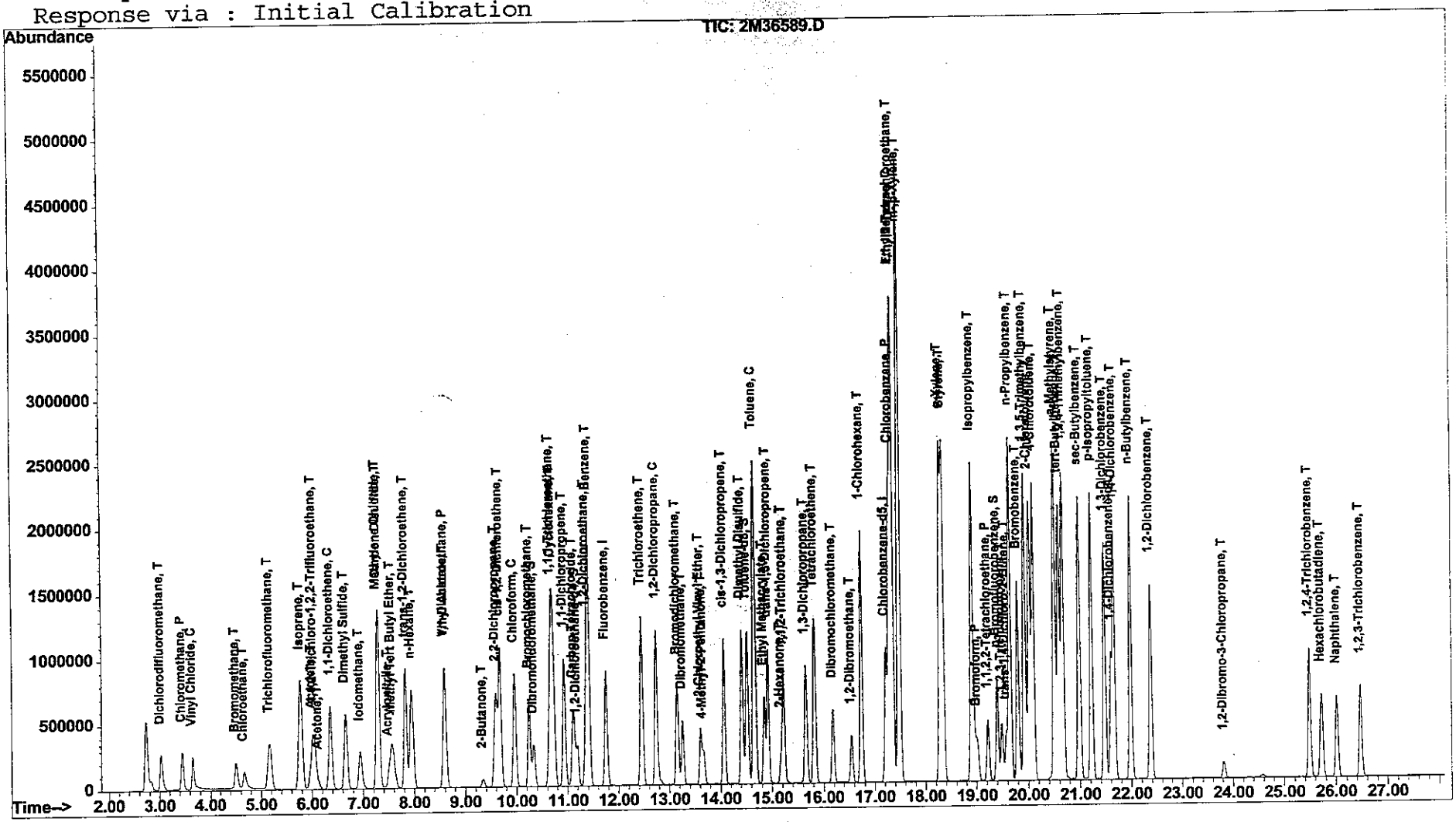
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 21 10:11 2000

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 21 10:11 2000

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1493960	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1107033	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	499932	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	397586	26.35	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 105.40%			
33) 1,2-Dichloroethane-d4	11.19	65	351841	27.13	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 108.52%			
45) Toluene-d8	14.52	98	1537494	27.22	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 108.88%			
66) p-Bromofluorobenzene	19.39	95	591422	28.40	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 113.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.02	85	638777	44.07	UG/L	96
3) Chloromethane	3.44	50	590202	48.78	UG/L	99
4) Vinyl Chloride	3.65	62	491337	59.30	UG/L	97
5) Bromomethane	4.50	94	305445	46.54	UG/L	100
6) Chloroethane	4.67	64	308304	49.23	UG/L	91
7) Trichlorofluoromethane	5.16	101	837917	49.28	UG/L #	98
8) Isoprene	5.77	67	995553	52.24	UG/L	83
9) Acrolein	5.99	56	10214	39.34	UG/L	97
10) 1,1,2-Trichloro-1,2,2-Trif	6.02	101	644038	51.28	UG/L #	100
11) Acetone	6.13	43	79096	53.15	UG/L #	80
12) 1,1-Dichloroethene	6.36	96	561484	49.01	UG/L	83
13) Dimethyl Sulfide	6.65	62	703643	47.90	UG/L #	78
14) Iodomethane	6.94	142	748493	60.19	UG/L	95
15) Methylene Chloride	7.26	84	732478	50.52	UG/L	97
16) Carbon Disulfide	7.29	76	2588308	45.99	UG/L	98
17) Acrylonitrile	7.49	53	126064	50.62	UG/L	94
18) Methyl Tert Butyl Ether	7.56	73	1022208	44.99	UG/L	96
19) trans-1,2-Dichloroethene	7.82	96	669585	48.20	UG/L #	75
20) n-Hexane	7.94	57	914627	49.67	UG/L	92
21) Vinyl Acetate	8.58	43	742768	39.73	UG/L	98
22) 1,1-Dichloroethane	8.59	63	1594581	52.53	UG/L	99
23) 2-Butanone	9.33	43	156725	47.99	UG/L #	90
24) 2,2-Dichloropropane	9.60	77	1190477	51.07	UG/L	98
25) cis-1,2-Dichloroethene	9.68	96	827336	47.12	UG/L #	55
26) Chloroform	9.95	83	1385968	47.08	UG/L	97
27) Bromochloromethane	10.25	128	322739	45.58	UG/L	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D
Acq On : 21 Jun 2000 9:42
Sample : WG79363-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 21 10:11 2000

Vial: 2
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
29) 1,1,1-Trichloroethane	10.66	97	1025809	49.38 UG/L #	84
30) Cyclohexane	10.70	56	1440612	50.91 UG/L	86
31) 1,1-Dichloropropene	10.93	75	1024901	50.36 UG/L #	81
32) Carbon Tetrachloride	11.12	117	837784	50.95 UG/L	99
34) 1,2-Dichloroethane	11.35	62	848375	48.78 UG/L	99
35) Benzene	11.40	78	3532957	47.30 UG/L	96
36) Trichloroethene	12.45	130	821915	47.57 UG/L	98
37) 1,2-Dichloropropane	12.74	63	982148	49.09 UG/L #	79
38) Bromodichloromethane	13.16	83	996000	45.17 UG/L	97
39) Dibromomethane	13.25	93	373129	44.37 UG/L #	64
40) 2-Chloroethyl Vinyl Ether	13.61	63	341869	44.05 UG/L #	85
41) 4-Methyl-2-Pentanone	13.67	58	153398	46.71 UG/L #	82
42) cis-1,3-Dichloropropene	14.06	75	1278881	46.05 UG/L	92
43) Dimethyl Disulfide	14.41	79	736745	45.63 UG/L	99
46) Toluene	14.65	91	3532937	46.32 ug/L	99
47) Ethyl Methacrylate	14.84	69	724146	44.80 UG/L #	87
48) trans-1,3-Dichloropropene	14.92	75	1066905	47.10 ug/L	97
49) 1,1,2-Trichloroethane	15.22	97	479332	45.77 UG/L #	89
50) 2-Hexanone	15.17	43	265403	45.31 UG/L	88
51) 1,3-Dichloropropane	15.66	76	1038008	45.77 UG/L	84
52) Tetrachloroethene	15.82	164	590368	44.76 UG/L #	71
53) Dibromochloromethane	16.18	129	609133	47.54 UG/L	100
54) 1,2-Dibromoethane	16.55	107	497229	45.45 UG/L	99
55) 1-Chlorohexane	16.73	91	1218130	45.17 UG/L	92
56) Chlorobenzene	17.29	112	2108765	46.46 UG/L #	68
57) 1,1,1,2-Tetrachloroethane	17.33	131	678611	46.50 UG/L	92
58) Ethylbenzene	17.34	106	1130443	47.12 UG/L	98
59) m-,p-Xylene	17.47	106	2765809	95.79 UG/L	100
60) o-Xylene	18.28	106	1392001	48.01 UG/L	100
61) Styrene	18.34	104	2373063	47.59 UG/L #	83
62) Bromoform	19.01	173	291008	44.90 UG/L #	93
63) Isopropylbenzene	18.90	105	3531655	48.14 ug/L	95
65) 1,1,2,2-Tetrachloroethane	19.22	83	571425	47.28 UG/L	98
67) 1,2,3-Trichloropropane	19.49	110	124800	48.77 UG/L	91
68) trans-1,4-Dichloro-2-Buten	19.57	53	172309	56.42 UG/L	94
69) n-Propylbenzene	19.64	91	4625329	50.05 UG/L	99
70) Bromobenzene	19.80	156	787321	46.37 UG/L	98
71) 1,3,5-Trimethylbenzene	19.93	105	2763935	48.85 UG/L	95
72) 2-Chlorotoluene	20.02	91	2783341	48.21 UG/L	98
73) 4-Chlorotoluene	20.09	91	2752488	49.92 UG/L	97
74) a-Methylstyrene	20.50	118	1590189	49.14 UG/L	96

(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\062100\2M36589.D Vial: 2
Acq On : 21 Jun 2000 9:42 Operator: CMS
Sample : WG79363-02 50 PPB STD M8260 10ML Inst : HPMS2
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 10:11 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
75) tert-Butylbenzene	20.59	119	2669968	50.24	UG/L		90
76) 1,2,4-Trimethylbenzene	20.67	105	2790578	49.31	UG/L		93
77) sec-Butylbenzene	20.98	105	3365391	50.37	UG/L		99
78) p-Isopropyltoluene	21.22	119	2715488	50.73	UG/L		98
79) 1,3-Dichlorobenzene	21.47	146	1545267	47.97	UG/L		90
80) 1,4-Dichlorobenzene	21.66	146	1535267	47.42	UG/L		91
81) n-Butylbenzene	21.98	91	2670210	51.62	UG/L		98
82) 1,2-Dichlorobenzene	22.37	146	1301512	47.32	UG/L		90
83) 1,2-Dibromo-3-Chloropropan	23.82	157	74769	46.23	UG/L	#	64
84) 1,2,4-Trichlorobenzene	25.48	180	613869	47.81	UG/L	#	94
85) Hexachlorobutadiene	25.72	225	256789	46.27	UG/L	#	90
86) Naphthalene	26.02	128	1085655	53.25	UG/L		98
87) 1,2,3-Trichlorobenzene	26.47	180	456864	46.65	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Ical Date: 06/16/2000 Ical Filename: 10M4184.D Instrument: HPMS 10
CCV Date: 06/21/2000 CCV Filename: 10M4310.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	10.72	1041244	14.58	754976	17.58	415460
CCV	10.73	968030	14.57	689370	17.58	372447
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	0.428	0.424	0.9	85	0.00
3	P	Chloromethane	0.272	0.283	-4.0	98	0.00
4	C	Vinyl Chloride	0.304	0.305	-0.3	97	0.01
5	T	Bromomethane	0.256	0.234	8.6	88	0.02
6	T	Chloroethane	0.223	0.242	-8.5	99	0.02
7	T	Trichlorofluoromethane	0.526	0.606	-15.2	101	0.02
8	T	Isoprene	0.481	0.525	-9.1	88	0.00
9	T	Acrolein	0.028	0.024	14.3	75	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.353	0.379	-7.4	92	0.01
11	T	Acetone	0.062	0.056	9.7	82	-0.01
12	C	1,1-Dichloroethene	0.267	0.302	13.1	91	0.00
13	T	Dimethyl Sulfide	0.392	0.394	-0.5	87	0.00
14	T	Iodomethane	0.251	0.256	-2.0	75	0.00
15	T	Methylene Chloride	0.340	0.323	5.0	90	0.00
16	T	Carbon Disulfide	1.075	1.116	-3.8	87	0.00
17	T	Acrylonitrile	0.080	0.082	-2.5	87	0.00
18	T	Methyl Tert Butyl Ether	0.712	0.657	7.7	80	0.00
19	T	trans-1,2-Dichloroethene	0.309	0.343	-11.0	91	0.00
20	T	n-Hexane	0.623	0.676	-8.5	90	0.00
21	T	Vinyl Acetate	0.462	0.456	1.3	76	0.00
22	P	1,1-Dichloroethane	0.813	0.857	-5.4	93	0.00
23	T	2-Butanone	0.089	0.084	5.6	81	0.00
24	T	2,2-Dichloropropane	0.664	0.718	-8.1	90	0.00
25	T	cis-1,2-Dichloroethene	0.340	0.386	-13.5	91	0.00
26	C	Chloroform	0.740	0.755	-2.0	93	0.00
27	T	Bromochloromethane	0.122	0.123	-0.8	89	0.00
28	S	Dibromofluoromethane	0.354	0.173	51.1#	43#	0.00
29	T	1,1,1-Trichloroethane	0.708	0.759	-7.2	92	0.00
30	T	Cyclohexane	0.777	0.865	-11.3	91	0.00
31	T	1,1-Dichloropropene	0.448	0.509	-13.6	93	0.00
32	T	Carbon Tetrachloride	0.573	0.634	-10.6	94	0.00
33	S	1,2-Dichloroethane-d4	0.472	0.221	53.2#	43#	0.00
34	T	1,2-Dichloroethane	0.594	0.595	-0.2	92	0.00
35	T	Benzene	1.455	1.581	-8.7	93	0.00
36	T	Trichloroethene	0.306	0.343	-12.1	91	0.00
37	C	1,2-Dichloropropane	0.386	0.415	-7.5	91	0.00
38	T	Bromodichloromethane	0.506	0.510	-0.8	91	0.00
39	T	Dibromomethane	0.162	0.159	1.9	88	0.00
40	T	2-Chloroethyl Vinyl Ether	0.129	0.146	-13.2	83	0.00
41	T	4-Methyl-2-Pentanone	0.073	0.071	2.7	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF		%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.469	0.537		-14.5	90	0.00
43	T	Dimethyl Disulfide	0.298	0.308		-3.4	86	0.00
44	I	Chlorobenzene-d5	1.000	1.000		0.0	91	0.00
45	S	Toluene-d8	1.772	0.942		46.8#	44#	0.00
46	C	Toluene	2.106	2.405	✓	-14.2	93	0.00
47	T	Ethyl Methacrylate	0.419	0.410		2.1	83	0.00
48	T	trans-1,3-Dichloropropene	0.712	0.745		-4.6	89	0.00
49	T	1,1,2-Trichloroethane	0.306	0.296		3.3	88	0.00
50	T	2-Hexanone	0.196	0.193		1.5	84	0.00
51	T	1,3-Dichloropropane	0.598	0.610		-2.0	90	0.00
52	T	Tetrachloroethene	0.398	0.444		-11.6	92	0.00
53	T	Dibromochloromethane	0.402	0.388		3.5	88	0.00
54	T	1,2-Dibromoethane	0.279	0.280		-0.4	88	0.00
55	T	1-Chlorohexane	0.605	0.784		-29.6#	91	0.00
56	P	Chlorobenzene	1.455	1.490	✓	-2.4	93	0.00
57	T	1,1,1,2-Tetrachloroethane	0.506	0.507		-0.2	92	0.00
58	C	Ethylbenzene	0.760	0.877	✓	-15.4	95	0.00
59	T	m-,p-Xylene	0.939	1.095		-16.6	94	0.00
60	T	o-Xylene	0.817	0.998		-22.2	93	0.00
61	T	Styrene	1.454	1.653		-13.7	92	0.00
62	P	Bromoform	0.239	0.237	✓	0.8	87	0.00
63	T	Isopropylbenzene	2.212	2.764		-25.0	94	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000		0.0	90	0.00
65	P	1,1,2,2-Tetrachloroethane	0.647	0.548	✓	15.3	88	0.00
66	S	p-Bromofluorobenzene	1.350	0.732		45.8#	45#	0.00
67	T	1,2,3-Trichloropropane	0.180	0.176		2.2	87	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.267	0.253		5.2	87	0.00
69	T	n-Propylbenzene	5.267	6.478		-23.0	94	0.00
70	T	Bromobenzene	1.016	1.035		-1.9	90	0.00
71	T	1,3,5-Trimethylbenzene	3.538	4.308		-21.8	94	0.00
72	T	2-Chlorotoluene	3.608	3.916		-8.5	89	0.00
73	T	4-Chlorotoluene	3.675	4.170		-13.5	99	0.00
74	T	a-Methylstyrene	1.853	2.149		-16.0	91	0.00
75	T	tert-Butylbenzene	3.121	3.292		-5.5	85	0.00
76	T	1,2,4-Trimethylbenzene	3.959	4.446		-12.3	94	0.00
77	T	sec-Butylbenzene	4.336	5.254		-21.2	95	0.00
78	T	p-Isopropyltoluene	3.540	4.481		-26.6#	95	0.00
79	T	1,3-Dichlorobenzene	2.010	2.092		-4.1	92	0.00
80	T	1,4-Dichlorobenzene	1.974	2.075		-5.1	92	0.00

(#) = Out of Range

874

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	3.603	4.483	-24.4	96	0.00
82	T	1,2-Dichlorobenzene	1.615	1.714	-6.1	90	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.092	0.083	9.8	82	0.00
84	T	1,2,4-Trichlorobenzene	1.178	1.264	-7.3	88	0.00
85	T	Hexachlorobutadiene	0.642	0.722	-12.5	96	0.00
86	T	Naphthalene	1.428	1.460	-2.2	82	0.00
87	T	1,2,3-Trichlorobenzene	0.908	0.909	-0.1	84	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	93	0.00
2	T	Dichlorodifluoromethane	50.000	49.497	1.0	85	0.00
3	P	Chloromethane	50.000	51.986	-4.0	98	0.00
4	C	Vinyl Chloride	50.000	57.573	-15.1	97	0.01
5	T	Bromomethane	50.000	45.862	8.3	88	0.02
6	T	Chloroethane	50.000	54.388	-8.8	99	0.02
7	T	Trichlorofluoromethane	50.000	57.609	-15.2	101	0.02
8	T	Isoprene	50.000	54.599	-9.2	88	0.00
9	T	Acrolein	100.000	86.018	14.0	75	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	53.665	-7.3	92	0.01
11	T	Acetone	50.000	44.928	10.1	82	-0.01
12	C	1,1-Dichloroethene	50.000	56.526	-13.1	91	0.00
13	T	Dimethyl Sulfide	50.000	50.321	-0.6	87	0.00
14	T	Iodomethane	50.000	46.235	7.5	75	0.00
15	T	Methylene Chloride	50.000	47.620	4.8	90	0.00
16	T	Carbon Disulfide	50.000	51.908	-3.8	87	0.00
17	T	Acrylonitrile	50.000	50.919	-1.8	87	0.00
18	T	Methyl Tert Butyl Ether	50.000	46.109	7.8	80	0.00
19	T	trans-1,2-Dichloroethene	50.000	55.488	-11.0	91	0.00
20	T	n-Hexane	50.000	54.320	-8.6	90	0.00
21	T	Vinyl Acetate	50.000	39.406	21.2	76	0.00
22	P	1,1-Dichloroethane	50.000	52.680	-5.4	93	0.00
23	T	2-Butanone	50.000	46.954	6.1	81	0.00
24	T	2,2-Dichloropropane	50.000	54.059	-8.1	90	0.00
25	T	cis-1,2-Dichloroethene	50.000	56.746	-13.5	91	0.00
26	C	Chloroform	50.000	51.067	-2.1	93	0.00
27	T	Bromochloromethane	50.000	50.084	-0.2	89	0.00
28	S	Dibromofluoromethane	50.000	24.385	51.2#	43	0.00
29	T	1,1,1-Trichloroethane	50.000	53.536	-7.1	92	0.00
30	T	Cyclohexane	50.000	55.636	-11.3	91	0.00
31	T	1,1-Dichloropropene	50.000	56.909	-13.8	93	0.00
32	T	Carbon Tetrachloride	50.000	55.354	-10.7	94	0.00
33	S	1,2-Dichloroethane-d4	50.000	23.384	53.2#	43	0.00
34	T	1,2-Dichloroethane	50.000	50.066	-0.1	92	0.00
35	T	Benzene	50.000	54.359	-8.7	93	0.00
36	T	Trichloroethene	50.000	56.025	-12.0	91	0.00
37	C	1,2-Dichloropropane	50.000	53.701	-7.4	91	0.00
38	T	Bromodichloromethane	50.000	50.427	-0.9	91	0.00
39	T	Dibromomethane	50.000	49.174	1.7	88	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	44.223	11.6	83	0.00
41	T	4-Methyl-2-Pentanone	50.000	48.634	2.7	83	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	50.150	-0.3	90	0.00
43	T	Dimethyl Disulfide	50.000	46.308	7.4	86	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	91	0.00
45	S	Toluene-d8	50.000	26.596	46.8#	44	0.00
46	C	Toluene	50.000	57.094	-14.2	93	0.00
47	T	Ethyl Methacrylate	50.000	48.927	2.1	83	0.00
48	T	trans-1,3-Dichloropropene	50.000	52.296	-4.6	89	0.00
49	T	1,1,2-Trichloroethane	50.000	48.243	3.5	88	0.00
50	T	2-Hexanone	50.000	49.223	1.6	84	0.00
51	T	1,3-Dichloropropane	50.000	50.963	-1.9	90	0.00
52	T	Tetrachloroethene	50.000	55.824	-11.6	92	0.00
53	T	Dibromochloromethane	50.000	49.660	0.7	88	0.00
54	T	1,2-Dibromoethane	50.000	50.246	-0.5	88	0.00
55	T	1-Chlorohexane	50.000	52.326	-4.7	91	0.00
56	P	Chlorobenzene	50.000	51.210	-2.4	93	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	50.605	-1.2	92	0.00
58	C	Ethylbenzene	50.000	57.730	-15.5	95	0.00
59	T	m-,p-Xylene	100.000	116.553	-16.6	94	0.00
60	T	o-Xylene	50.000	53.824	-7.6	93	0.00
61	T	Styrene	50.000	56.816	-13.6	92	0.00
62	P	Bromoform	50.000	49.621	0.8	87	0.00
63	T	Isopropylbenzene	50.000	54.257	-8.5	94	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	90	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	49.113	1.8	88	0.00
66	S	p-Bromofluorobenzene	50.000	27.112	45.8#	45	0.00
67	T	1,2,3-Trichloropropane	50.000	49.093	1.8	87	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	47.393	5.2	87	0.00
69	T	n-Propylbenzene	50.000	61.494	-23.0	94	0.00
70	T	Bromobenzene	50.000	50.947	-1.9	90	0.00
71	T	1,3,5-Trimethylbenzene	50.000	60.880	-21.8	94	0.00
72	T	2-Chlorotoluene	50.000	54.275	-8.5	89	0.00
73	T	4-Chlorotoluene	50.000	56.742	-13.5	99	0.00
74	T	a-Methylstyrene	50.000	58.014	-16.0	91	0.00
75	T	tert-Butylbenzene	50.000	52.754	-5.5	85	0.00
76	T	1,2,4-Trimethylbenzene	50.000	56.151	-12.3	94	0.00
77	T	sec-Butylbenzene	50.000	60.594	-21.2	95	0.00
78	T	p-Isopropyltoluene	50.000	56.486	-13.0	95	0.00
79	T	1,3-Dichlorobenzene	50.000	52.045	-4.1	92	0.00
80	T	1,4-Dichlorobenzene	50.000	52.567	-5.1	92	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration

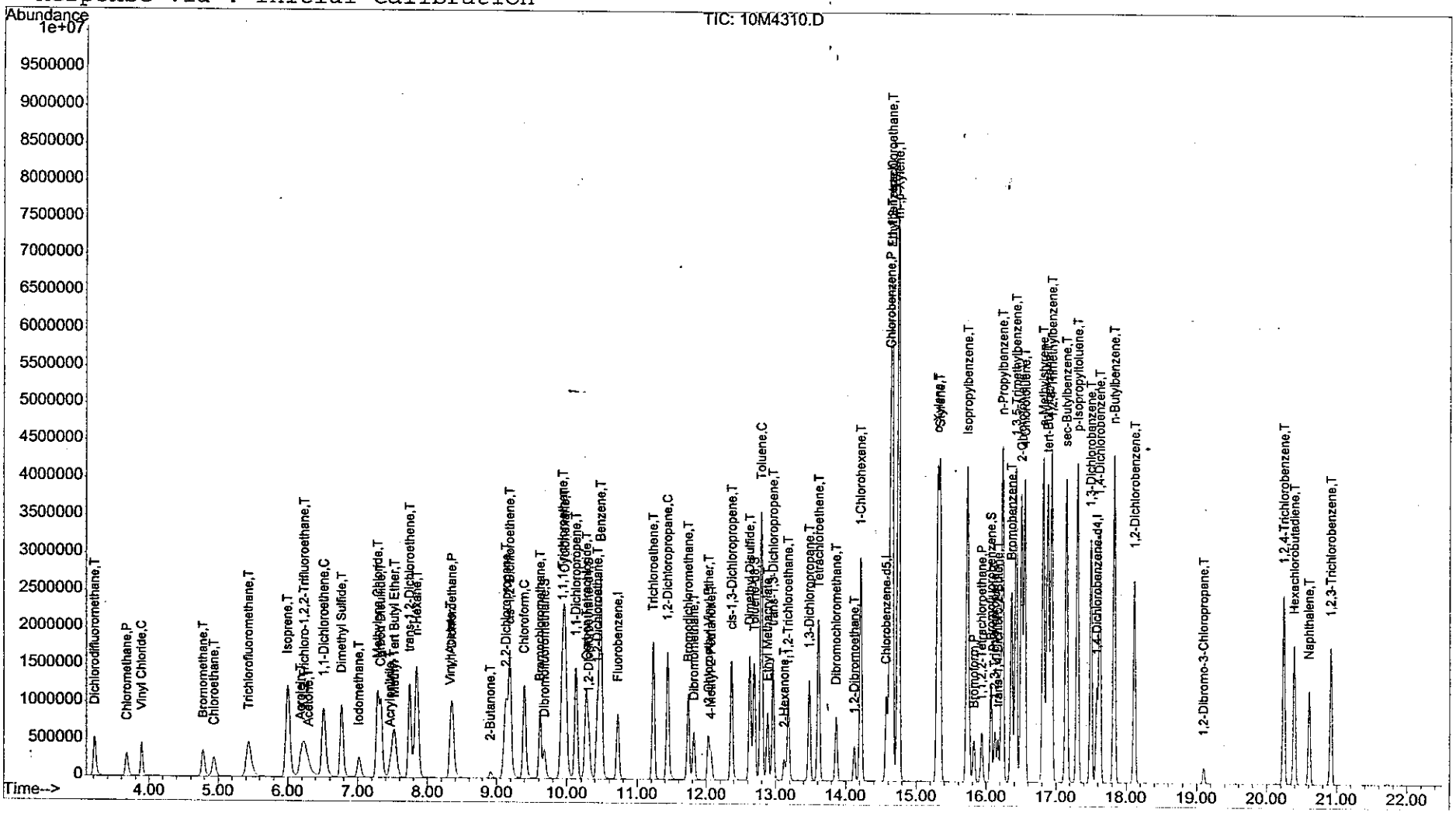
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	62.214	-24.4	96	0.00
82	T	1,2-Dichlorobenzene	50.000	53.048	-6.1	90	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	41.486	17.0	82	0.00
84	T	1,2,4-Trichlorobenzene	50.000	48.669	2.7	88	0.00
85	T	Hexachlorobutadiene	50.000	56.221	-12.4	96	0.00
86	T	Naphthalene	50.000	44.171	11.7	82	0.00
87	T	1,2,3-Trichlorobenzene	50.000	50.041	-0.1	84	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:38 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:38 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	968030	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	689370	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	372447	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	334379	24.39	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 97.56%			
33) 1,2-Dichloroethane-d4	10.31	65	427728	23.38	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 93.52%			
45) Toluene-d8	12.69	98	1299301	26.60	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.40%			
66) p-Bromofluorobenzene	16.07	95	545276	27.11	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	820993	49.50	ug/L	96
3) Chloromethane	3.68	50	547691	51.99	ug/L	96
4) Vinyl Chloride	3.89	62	590817	57.57	ug/L	96
5) Bromomethane	4.78	94	453905	45.86	ug/L	99
6) Chloroethane	4.94	64	469328	54.39	ug/L	99
7) Trichlorofluoromethane	5.44	101	1173058	57.61	ug/L	97
8) Isoprene	6.00	67	1016795	54.60	ug/L	90
9) Acrolein	6.18	56	94809	86.02	ug/L	96
10) 1,1,2-Trichloro-1,2,2-Trif	6.23	101	732945	53.66	ug/L	94
11) Acetone	6.30	43	108685	44.93	ug/L	94
12) 1,1-Dichloroethene	6.51	96	584075	56.53	ug/L #	61
13) Dimethyl Sulfide	6.77	62	763407	50.32	ug/L	94
14) Iodomethane	7.02	142	495200	46.23	ug/L #	75
15) Methylene Chloride	7.28	84	626135	47.62	ug/L	94
16) Carbon Disulfide	7.33	76	2161201	51.91	ug/L	99
17) Acrylonitrile	7.46	53	158144	50.92	ug/L	88
18) Methyl Tert Butyl Ether	7.52	73	1271610	46.11	ug/L	93
19) trans-1,2-Dichloroethene	7.74	96	664547	55.49	ug/L #	64
20) n-Hexane	7.84	57	1309438	54.32	ug/L	94
21) Vinyl Acetate	8.32	43	883032	39.41	ug/L	96
22) 1,1-Dichloroethane	8.36	63	1659048	52.68	ug/L	99
23) 2-Butanone	8.91	43	162556	46.95	ug/L	96
24) 2,2-Dichloropropane	9.14	77	1390433	54.06	ug/L	91
25) cis-1,2-Dichloroethene	9.19	96	746548	56.75	ug/L #	65
26) Chloroform	9.40	83	1462495	51.07	ug/L	98
27) Bromochloromethane	9.62	128	237414	50.08	ug/L #	79
29) 1,1,1-Trichloroethane	9.94	97	1468668	53.54	ug/L #	92

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:38 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	9.97	56	1674390	55.64	ug/L		92
31)	1,1-Dichloropropene	10.13	75	986304	56.91	ug/L	#	87
32)	Carbon Tetrachloride	10.27	117	1228288	55.35	ug/L		100
34)	1,2-Dichloroethane	10.43	62	1151993	50.07	ug/L	#	98
35)	Benzene	10.48	78	3061688	54.36	ug/L		98
36)	Trichloroethene	11.23	130	664012	56.03	ug/L	#	87
37)	1,2-Dichloropropane	11.44	63	802968	53.70	ug/L	#	81
38)	Bromodichloromethane	11.73	83	987649	50.43	ug/L		98
39)	Dibromomethane	11.81	93	308796	49.17	ug/L		96
40)	2-Chloroethyl Vinyl Ether	12.03	63	282982	44.22	ug/L		96
41)	4-Methyl-2-Pentanone	12.07	58	136561	48.63	ug/L	#	92
42)	cis-1,3-Dichloropropene	12.37	75	1039696	50.15	ug/L	#	90
43)	Dimethyl Disulfide	12.63	79	596972	46.31	ug/L	#	68
46)	Toluene	12.79	91	3315477	57.09	ug/L		99
47)	Ethyl Methacrylate	12.88	69	564897	48.93	ug/L		100
48)	trans-1,3-Dichloropropene	12.96	75	1026681	52.30	ug/L	#	87
49)	1,1,2-Trichloroethane	13.18	97	407475	48.24	ug/L		96
50)	2-Hexanone	13.12	43	266709	49.22	ug/L	#	95
51)	1,3-Dichloropropane	13.48	76	840607	50.96	ug/L		94
52)	Tetrachloroethene	13.61	164	612501	55.82	ug/L		96
53)	Dibromochloromethane	13.86	129	535204	49.66	ug/L		100
54)	1,2-Dibromoethane	14.12	107	386392	50.25	ug/L		97
55)	1-Chlorohexane	14.22	91	1080670	52.33	ug/L		85
56)	Chlorobenzene	14.63	112	2054763	51.21	ug/L		99
57)	1,1,1,2-Tetrachloroethane	14.65	131	698955	50.61	ug/L		98
58)	Ethylbenzene	14.65	106	1209553	57.73	ug/L		83
59)	m-,p-Xylene	14.74	106	3018246	116.55	ug/L		78
60)	o-Xylene	15.30	106	1376200	53.82	ug/L		78
61)	Styrene	15.34	104	2278548	56.82	ug/L	#	78
62)	Bromoform	15.82	173	327279	49.62	ug/L		99
63)	Isopropylbenzene	15.73	105	3810985	54.26	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	408023	49.11	ug/L		97
67)	1,2,3-Trichloropropane	16.13	110	131358	49.09	ug/L		85
68)	trans-1,4-Dichloro-2-Buten	16.17	53	188641	47.39	ug/L	#	9
69)	n-Propylbenzene	16.23	91	4825454	61.49	ug/L		91
70)	Bromobenzene	16.36	156	770908	50.95	ug/L		87
71)	1,3,5-Trimethylbenzene	16.42	105	3209013	60.88	ug/L		89
72)	2-Chlorotoluene	16.50	91	2917231	54.27	ug/L	#	84
73)	4-Chlorotoluene	16.55	91	3106558m	56.74	ug/L		
74)	a-Methylstyrene	16.81	118	1601105	58.01	ug/L		93
75)	tert-Butylbenzene	16.88	119	2452465	52.75	ug/L	#	79

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:38 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

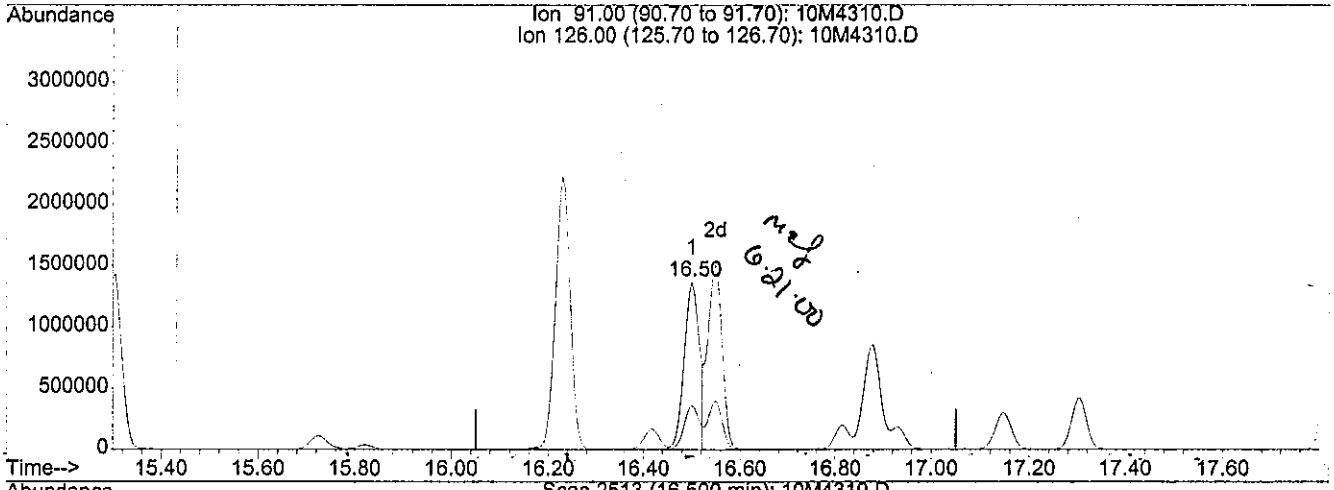
	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
76)	1,2,4-Trimethylbenzene	16.93	105	3312127	56.15	ug/L		89
77)	sec-Butylbenzene	17.15	105	3913795	60.59	ug/L		92
78)	p-Isopropyltoluene	17.31	119	3337956	56.49	ug/L		93
79)	1,3-Dichlorobenzene	17.50	146	1558266	52.04	ug/L		93
80)	1,4-Dichlorobenzene	17.63	146	1545812	52.57	ug/L		92
81)	n-Butylbenzene	17.82	91	3339242	62.21	ug/L	#	90
82)	1,2-Dichlorobenzene	18.12	146	1276568	53.05	ug/L		92
83)	1,2-Dibromo-3-Chloropropan	19.10	157	61875	41.49	ug/L	#	62
84)	1,2,4-Trichlorobenzene	20.24	180	941626	48.67	ug/L		95
85)	Hexachlorobutadiene	20.39	225	537993	56.22	ug/L		95
86)	Naphthalene	20.60	128	1087725	44.17	ug/L		100
87)	1,2,3-Trichlorobenzene	20.91	180	676957	50.04	ug/L		96

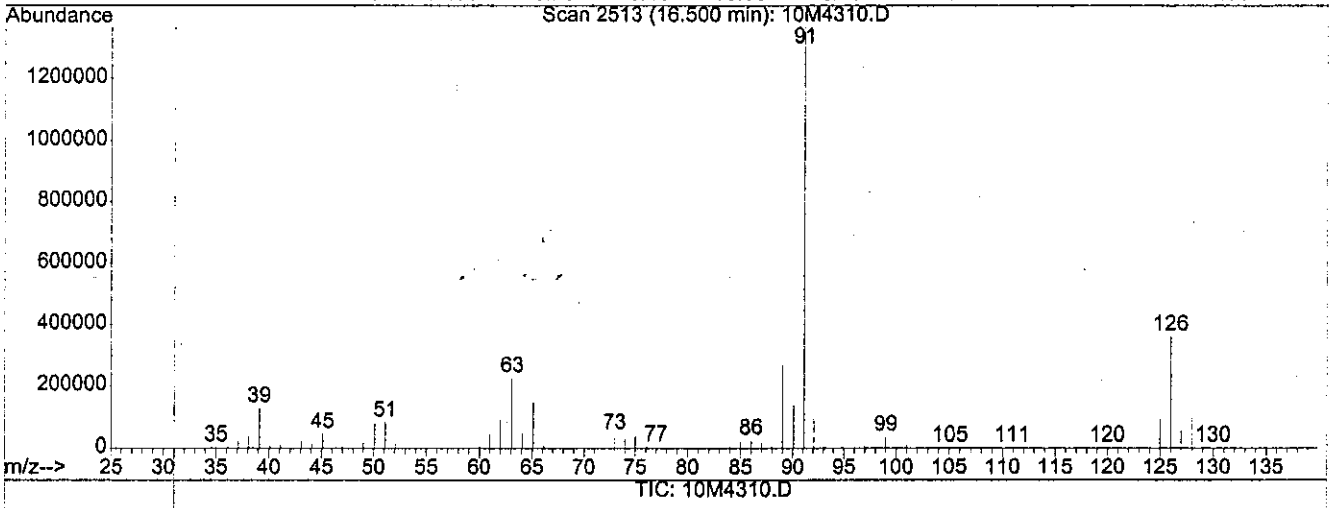
(#) = qualifier out of range (m) = manual integration

Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D Vial: 2
Acq On : 21 Jun 2000 9:14 Operator: MES
Sample : WG79355-02 50 PPB STD M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 9:37 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration





(73) 4-Chlorotoluene (T)

16.50min 53.29ug/L

response 2917299

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	28.64
0.00	0.00	0.00
0.00	0.00	0.00

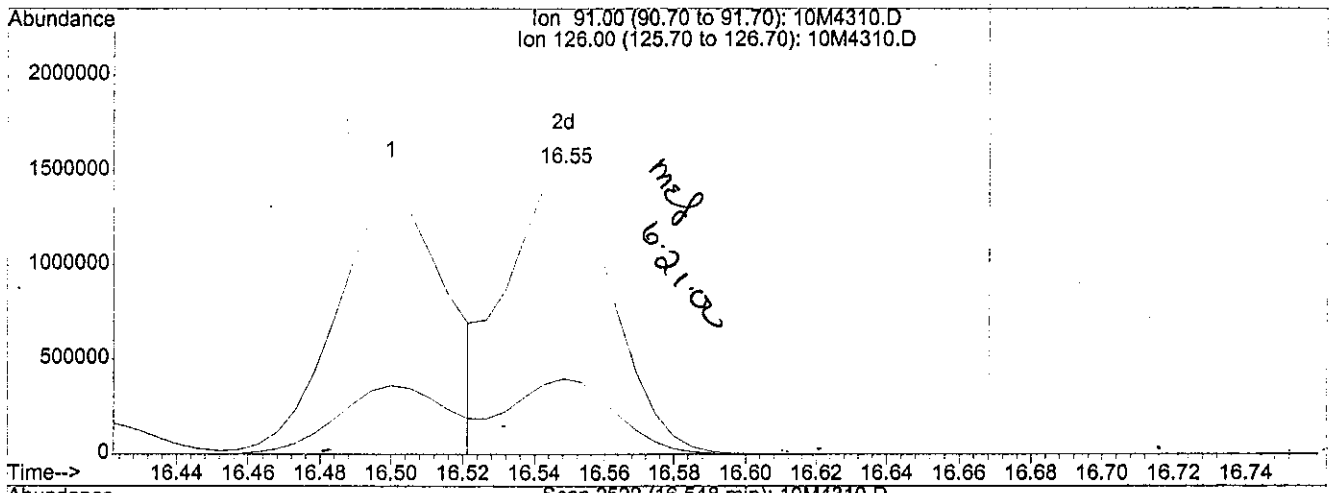
10M4310.D 8260WTR.M Wed Jun 21 09:38:06 2000

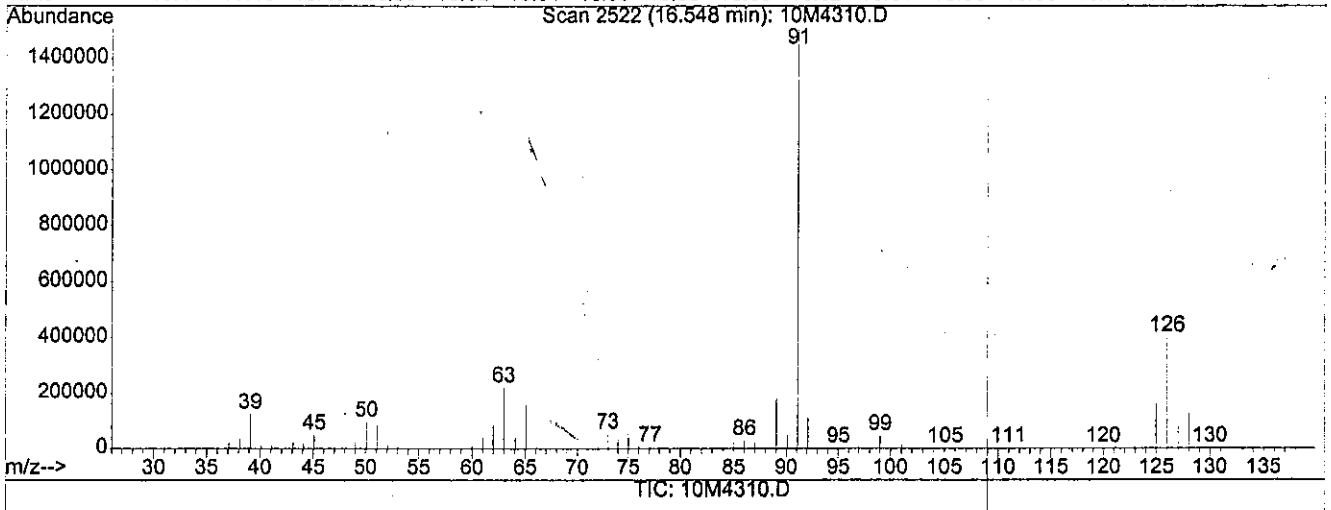
Quantitation Report (Qedit)

Data File : C:\HPCHEM\1\DATA\062100\10M4310.D
Acq On : 21 Jun 2000 9:14
Sample : WG79355-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 21 9:38 2000

Vial: 2
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration





TIC: 10M4310.D

(73) 4-Chlorotoluene (T)

16.55min 56.74ug/L m

response 3106558

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	26.89#
0.00	0.00	0.00
0.00	0.00	0.00

Ical Date: 6/20/00 Ical Filename: 9M10092.D Instrument: HPMS_9
CCV Date: 6/29/00 CCV Filename: 9M10344.D

	Fluorbenzene		Chlorobenzene-d5		1,4-Dichlorobenzene-d4	
	Ret. Time	Response	Ret. Time	Response	Ret. Time	Response
Ical	11.17	1086196	15.05	990381	18.07	822997
CCV	11.17	1490327	15.04	1284379	18.07	1020753
	Pass	Pass	Pass	Pass	Pass	Pass

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D
Acq On : 29 Jun 2000 7:38
Sample : WG79903-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	25.000	25.000	0.0	137	0.00
2	T	Dichlorodifluoromethane	50.000	47.322	5.4	128	0.00
3	P	Chloromethane	50.000	43.470	13.1	118	-0.05
4	C	Vinyl Chloride	50.000	40.946	18.1	116	0.00
5	T	Bromomethane	50.000	36.010	28.0#	96	0.00
6	T	Chloroethane	50.000	41.357	17.3	117	0.00
7	T	Trichlorofluoromethane	50.000	47.067	5.9	126	0.00
8	T	Isoprene	50.000	50.818	-1.6	133	0.00
9	T	Acrolein	100.000	84.512	15.5	163	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	50.000	49.697	0.6	130	0.00
11	T	Acetone	50.000	49.538	0.9	143	0.00
12	C	1,1-Dichloroethene	50.000	52.310	-4.6	132	0.00
13	T	Dimethyl Sulfide	50.000	49.376	1.2	127	0.00
14	T	Iodomethane	50.000	55.146	-10.3	149	0.00
15	T	Methylene Chloride	50.000	48.168	3.7	130	0.00
16	T	Carbon Disulfide	50.000	49.712	0.6	132	0.00
17	T	Acrylonitrile	50.000	60.805	-21.6	164	0.00
18	T	Methyl Tert Butyl Ether	50.000	49.302	1.4	129	0.00
19	T	trans-1,2-Dichloroethene	50.000	52.108	-4.2	130	0.00
20	T	n-Hexane	50.000	51.476	-3.0	140	0.00
21	T	Vinyl Acetate	50.000	49.802	0.4	126	0.00
22	P	1,1-Dichloroethane	50.000	50.067	-0.1	131	0.00
23	T	2-Butanone	50.000	51.710	-3.4	139	0.00
24	T	2,2-Dichloropropane	50.000	55.162	-10.3	140	0.00
25	T	cis-1,2-Dichloroethene	50.000	51.940	-3.9	133	0.00
26	C	Chloroform	50.000	47.809	4.4	130	0.00
27	T	Bromochloromethane	50.000	51.771	-3.5	131	0.00
28	S	Dibromofluoromethane	50.000	22.394	~~55.2#~~	57	0.00
29	T	1,1,1-Trichloroethane	50.000	48.707	2.6	129	0.00
30	T	Cyclohexane	50.000	51.417	-2.8	139	0.00
31	T	1,1-Dichloropropene	50.000	51.100	-2.2	134	0.00
32	T	Carbon Tetrachloride	50.000	49.403	1.2	129	0.00
33	S	1,2-Dichloroethane-d4	50.000	20.443	~~59.1#~~	54	0.00
34	T	1,2-Dichloroethane	50.000	46.495	7.0	126	0.00
35	T	Benzene	50.000	51.531	-3.1	134	0.00
36	T	Trichloroethene	50.000	52.017	-4.0	133	0.00
37	C	1,2-Dichloropropane	50.000	52.579	-5.2	134	0.00
38	T	Bromodichloromethane	50.000	49.059	1.9	128	0.00
39	T	Dibromomethane	50.000	46.739	6.5	122	0.00
40	T	2-Chloroethyl Vinyl Ether	50.000	39.460	21.1	110	0.00
41	T	4-Methyl-2-Pentanone	50.000	50.252	-0.5	129	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D
Acq On : 29 Jun 2000 7:38
Sample : WG79903-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	50.000	46.919	6.2	130	0.00
43	T	Dimethyl Disulfide	50.000	46.882	6.2	134	0.00
44	I	Chlorobenzene-d5	25.000	25.000	0.0	130	0.00
45	S	Toluene-d8	50.000	24.417	~~51.2#~~	59	0.00
46	C	Toluene	50.000	55.083	-10.2	131	0.00
47	T	Ethyl Methacrylate	50.000	52.355	-4.7	127	0.00
48	T	trans-1,3-Dichloropropene	50.000	54.248	-8.5	127	0.00
49	T	1,1,2-Trichloroethane	50.000	51.915	-3.8	126	0.00
50	T	2-Hexanone	50.000	54.297	-8.6	132	0.00
51	T	1,3-Dichloropropane	50.000	52.941	-5.9	126	0.00
52	T	Tetrachloroethene	50.000	54.422	-8.8	130	0.00
53	T	Dibromochloromethane	50.000	53.077	-6.2	125	0.00
54	T	1,2-Dibromoethane	50.000	53.464	-6.9	126	0.00
55	T	1-Chlorohexane	50.000	53.263	-6.5	133	0.00
56	P	Chlorobenzene	50.000	52.502	-5.0	129	0.00
57	T	1,1,1,2-Tetrachloroethane	50.000	51.690	-3.4	124	0.00
58	C	Ethylbenzene	50.000	54.680	-9.4	129	0.00
59	T	m-,p-Xylene	100.000	109.205	-9.2	128	0.00
60	T	o-Xylene	50.000	53.990	-8.0	128	0.00
61	T	Styrene	50.000	53.508	-7.0	128	0.00
62	P	Bromoform	50.000	42.914	14.2	126	0.00
63	T	Isopropylbenzene	50.000	47.675	4.7	129	0.00
64	I	1,4-Dichlorobenzene-d4	25.000	25.000	0.0	124	0.00
65	P	1,1,2,2-Tetrachloroethane	50.000	54.068	-8.1	126	0.00
66	S	p-Bromofluorobenzene	50.000	25.069	~~49.9#~~	60	0.00
67	T	1,2,3-Trichloropropane	50.000	52.208	-4.4	123	0.00
68	T	trans-1,4-Dichloro-2-Butene	50.000	44.674	10.7	131	0.00
69	T	n-Propylbenzene	50.000	56.094	-12.2	129	0.00
70	T	Bromobenzene	50.000	53.773	-7.5	126	0.00
71	T	1,3,5-Trimethylbenzene	50.000	55.732	-11.5	128	0.00
72	T	2-Chlorotoluene	50.000	57.392	-14.8	133	0.00
73	T	4-Chlorotoluene	50.000	55.199	-10.4	125	0.00
74	T	a-Methylstyrene	50.000	53.304	-6.6	127	0.00
75	T	tert-Butylbenzene	50.000	54.342	-8.7	128	0.00
76	T	1,2,4-Trimethylbenzene	50.000	56.321	-12.6	126	0.00
77	T	sec-Butylbenzene	50.000	55.435	-10.9	127	0.00
78	T	p-Isopropyltoluene	50.000	55.884	-11.8	127	0.00
79	T	1,3-Dichlorobenzene	50.000	54.820	-9.6	126	0.00
80	T	1,4-Dichlorobenzene	50.000	52.829	-5.7	124	0.00

(#) = Out of Range

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D
Acq On : 29 Jun 2000 7:38
Sample : WG79903-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	50.000	55.256	-10.5	126	0.00
82	T	1,2-Dichlorobenzene	50.000	53.987	-8.0	124	0.00
83	T	1,2-Dibromo-3-Chloropropane	50.000	49.073	1.9	123	0.00
84	T	1,2,4-Trichlorobenzene	50.000	54.421	-8.8	120	0.00
85	T	Hexachlorobutadiene	50.000	52.951	-5.9	125	0.00
86	T	Naphthalene	50.000	53.720	-7.4	121	0.00
87	T	1,2,3-Trichlorobenzene	50.000	52.978	-6.0	119	0.00

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D
Acq On : 29 Jun 2000 7:38
Sample : WG79903-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	1.000	1.000	0.0	137	0.00
2	T	Dichlorodifluoromethane	0.387	0.366	5.4	128	0.00
3	P	Chloromethane	0.267	0.232	13.1	118	-0.05
4	C	Vinyl Chloride	0.349	0.290	16.9	116	0.00
5	T	Bromomethane	0.180	0.129	28.3#	96	0.00
6	T	Chloroethane	0.226	0.187	17.3	117	0.00
7	T	Trichlorofluoromethane	0.628	0.592	5.7	126	0.00
8	T	Isoprene	0.346	0.352	-1.7	133	0.00
9	T	Acrolein	0.002	0.002	0.0	163	0.00
10	T	1,1,2-Trichloro-1,2,2-Trifl	0.294	0.292	0.7	130	0.00
11	T	Acetone	0.037	0.036	2.7	143	0.00
12	C	1,1-Dichloroethene	0.235	0.246	-4.7	132	0.00
13	T	Dimethyl Sulfide	0.223	0.220	1.3	127	0.00
14	T	Iodomethane	0.214	0.313	-46.3#	149	0.00
15	T	Methylene Chloride	0.274	0.264	3.6	130	0.00
16	T	Carbon Disulfide	0.864	0.859	0.6	132	0.00
17	T	Acrylonitrile	0.032	0.039	-21.9	164	0.00
18	T	Methyl Tert Butyl Ether	0.661	0.702	-6.2	129	0.00
19	T	trans-1,2-Dichloroethene	0.269	0.280	-4.1	130	0.00
20	T	n-Hexane	0.275	0.283	-2.9	140	0.00
21	T	Vinyl Acetate	0.226	0.225	0.4	126	0.00
22	P	1,1-Dichloroethane	0.482	0.483	-0.2	131	0.00
23	T	2-Butanone	0.048	0.050	-4.2	139	0.00
24	T	2,2-Dichloropropane	0.513	0.566	-10.3	140	0.00
25	T	cis-1,2-Dichloroethene	0.306	0.318	-3.9	133	0.00
26	C	Chloroform	0.604	0.578	4.3	130	0.00
27	T	Bromochloromethane	0.131	0.135	-3.1	131	0.00
28	S	Dibromofluoromethane	0.291	0.130	~~55.3#~~	57	0.00
29	T	1,1,1-Trichloroethane	0.585	0.570	2.6	129	0.00
30	T	Cyclohexane	0.336	0.345	-2.7	139	0.00
31	T	1,1-Dichloropropene	0.355	0.363	-2.3	134	0.00
32	T	Carbon Tetrachloride	0.492	0.486	1.2	129	0.00
33	S	1,2-Dichloroethane-d4	0.353	0.144	~~59.2#~~	54	0.00
34	T	1,2-Dichloroethane	0.444	0.413	7.0	126	0.00
35	T	Benzene	1.080	1.114	-3.1	134	0.00
36	T	Trichloroethene	0.297	0.309	-4.0	133	0.00
37	C	1,2-Dichloropropane	0.208	0.218	-4.8	134	0.00
38	T	Bromodichloromethane	0.403	0.395	2.0	128	0.00
39	T	Dibromomethane	0.143	0.134	6.3	122	0.00
40	T	2-Chloroethyl Vinyl Ether	0.076	0.078	-2.6	110	0.00
41	T	4-Methyl-2-Pentanone	0.044	0.043	2.3	129	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D
Acq On : 29 Jun 2000 7:38
Sample : WG79903-02 50 PPB STD M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p

Vial: 2
Operator: MES
Inst : HPMS_9
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
42	T	cis-1,3-Dichloropropene	0.360	0.398	-10.6	130	0.00
43	T	Dimethyl Disulfide	0.198	0.244	-23.2	134	0.00
44	I	Chlorobenzene-d5	1.000	1.000	0.0	130	0.00
45	S	Toluene-d8	1.210	0.591	~~51.2~~#	59	0.00
46	C	Toluene	1.411	1.555	-10.2	131	0.00
47	T	Ethyl Methacrylate	0.297	0.311	-4.7	127	0.00
48	T	trans-1,3-Dichloropropene	0.437	0.475	-8.7	127	0.00
49	T	1,1,2-Trichloroethane	0.209	0.217	-3.8	126	0.00
50	T	2-Hexanone	0.078	0.089	-14.1	132	0.00
51	T	1,3-Dichloropropane	0.387	0.410	-5.9	126	0.00
52	T	Tetrachloroethene	0.283	0.308	-8.8	130	0.00
53	T	Dibromochloromethane	0.286	0.304	-6.3	125	0.00
54	T	1,2-Dibromoethane	0.205	0.219	-6.8	126	0.00
55	T	1-Chlorohexane	0.457	0.530	-16.0	133	0.00
56	P	Chlorobenzene	1.071	1.124	-4.9	129	0.00
57	T	1,1,1,2-Tetrachloroethane	0.363	0.375	-3.3	124	0.00
58	C	Ethylbenzene	0.596	0.651	-9.2	129	0.00
59	T	m-,p-Xylene	0.781	0.853	-9.2	128	0.00
60	T	o-Xylene	0.765	0.826	-8.0	128	0.00
61	T	Styrene	1.354	1.449	-7.0	128	0.00
62	P	Bromoform	0.206	0.213	-3.4	126	0.00
63	T	Isopropylbenzene	1.953	2.233	-14.3	129	0.00
64	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	124	0.00
65	P	1,1,2,2-Tetrachloroethane	0.366	0.396	-8.2	126	0.00
66	S	p-Bromofluorobenzene	0.765	0.383	49.9#	60	0.00
67	T	1,2,3-Trichloropropane	0.129	0.135	-4.7	123	0.00
68	T	trans-1,4-Dichloro-2-Butene	0.081	0.088	-8.6	131	0.00
69	T	n-Propylbenzene	3.031	3.400	-12.2	129	0.00
70	T	Bromobenzene	0.646	0.695	-7.6	126	0.00
71	T	1,3,5-Trimethylbenzene	2.311	2.711	-17.3	128	0.00
72	T	2-Chlorotoluene	1.986	2.280	-14.8	133	0.00
73	T	4-Chlorotoluene	2.044	2.256	-10.4	125	0.00
74	T	a-Methylstyrene	1.404	1.497	-6.6	127	0.00
75	T	tert-Butylbenzene	2.013	2.187	-8.6	128	0.00
76	T	1,2,4-Trimethylbenzene	2.507	2.824	-12.6	126	0.00
77	T	sec-Butylbenzene	2.967	3.290	-10.9	127	0.00
78	T	p-Isopropyltoluene	2.756	3.080	-11.8	127	0.00
79	T	1,3-Dichlorobenzene	1.481	1.624	-9.7	126	0.00
80	T	1,4-Dichlorobenzene	1.554	1.642	-5.7	124	0.00

(#) = Out of Range

Evaluate Continuing Calibration Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D Vial: 2
Acq On : 29 Jun 2000 7:38 Operator: MES
Sample : WG79903-02 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Multiple Level Calibration

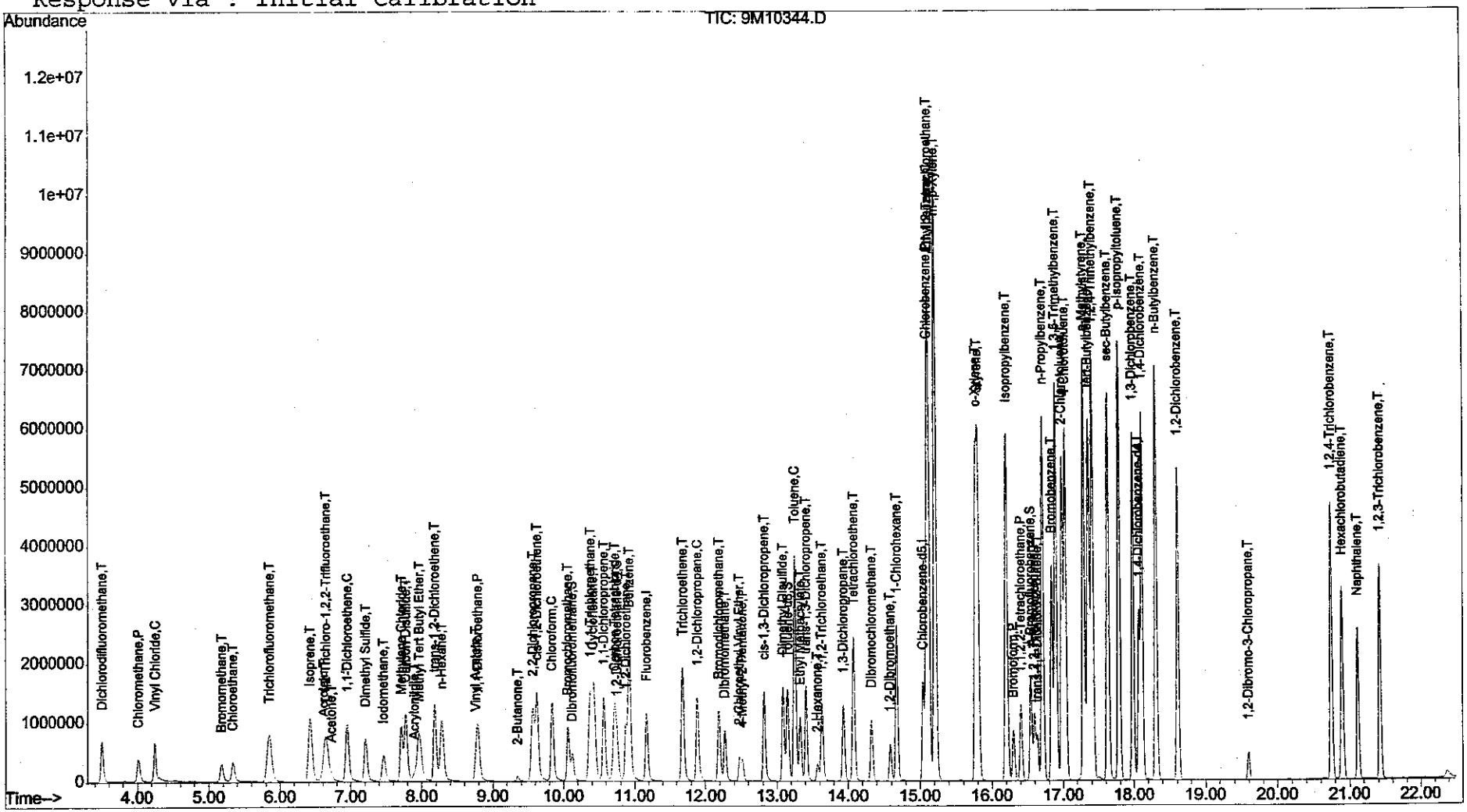
Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 200%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	T	n-Butylbenzene	2.445	2.702	-10.5	126	0.00
82	T	1,2-Dichlorobenzene	1.344	1.452	-8.0	124	0.00
83	T	1,2-Dibromo-3-Chloropropane	0.072	0.087	-20.8	123	0.00
84	T	1,2,4-Trichlorobenzene	0.867	0.943	-8.8	120	0.00
85	T	Hexachlorobutadiene	0.429	0.454	-5.8	125	0.00
86	T	Naphthalene	1.226	1.317	-7.4	121	0.00
87	T	1,2,3-Trichlorobenzene	0.687	0.728	-6.0	119	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D Vial: 2
Acq On : 29 Jun 2000 7:38 Operator: MES
Sample : WG79903-02 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 8:01 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D Vial: 2
Acq On : 29 Jun 2000 7:38 Operator: MES
Sample : WG79903-02 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 8:01 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.17	96	1490327	25.00	ug/L		0.00
44) Chlorobenzene-d5	15.04	117	1284379	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	1020753	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.12	111	388621	22.39	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 89.56%				
33) 1,2-Dichloroethane-d4	10.76	65	430659	20.44	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 81.76%				
45) Toluene-d8	13.16	98	1517724	24.42	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.68%				
66) p-Bromofluorobenzene	16.54	95	782829	25.07	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 100.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.50	85	1090912	47.32	ug/L	#	91
3) Chloromethane	4.01	50	691463	43.47	ug/L		88
4) Vinyl Chloride	4.25	62	863026	40.95	ug/L		96
5) Bromomethane	5.18	94	385739	36.01	ug/L	#	73
6) Chloroethane	5.34	64	557488	41.36	ug/L	#	70
7) Trichlorofluoromethane	5.85	101	1763302	47.07	ug/L		96
8) Isoprene	6.42	67	1048934	50.82	ug/L	#	73
9) Acrolein	6.61	56	14627	84.51	ug/L		94
10) 1,1,2-Trichloro-1,2,2-Trif	6.64	101	870809	49.70	ug/L	#	47
11) Acetone	6.74	43	108322	49.54	ug/L		98
12) 1,1-Dichloroethene	6.94	96	733484	52.31	ug/L		90
13) Dimethyl Sulfide	7.21	62	655364	49.38	ug/L	#	79
14) Iodomethane	7.46	142	934298	55.15	ug/L		91
15) Methylene Chloride	7.72	84	786894	48.17	ug/L	#	45
16) Carbon Disulfide	7.78	76	2561800	49.71	ug/L		99
17) Acrylonitrile	7.89	53	117471	60.80	ug/L		85
18) Methyl Tert Butyl Ether	7.97	73	2093724	49.30	ug/L	#	87
19) trans-1,2-Dichloroethene	8.18	96	835155	52.11	ug/L		90
20) n-Hexane	8.28	57	843840	51.48	ug/L	#	73
21) Vinyl Acetate	8.76	43	669777	49.80	ug/L	#	79
22) 1,1-Dichloroethane	8.79	63	1438582	50.07	ug/L	#	93
23) 2-Butanone	9.35	43	149465	51.71	ug/L	#	63
24) 2,2-Dichloropropane	9.57	77	1688482	55.16	ug/L	#	78
25) cis-1,2-Dichloroethene	9.63	96	948329	51.94	ug/L		81
26) Chloroform	9.84	83	1721773	47.81	ug/L		96
27) Bromochloromethane	10.07	128	403348	51.77	ug/L	#	66
29) 1,1,1-Trichloroethane	10.37	97	1697498	48.71	ug/L		99

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D Vial: 2
Acq On : 29 Jun 2000 7:38 Operator: MES
Sample : WG79903-02 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 8:01 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
30)	Cyclohexane	10.42	56	1029767	51.42	ug/L	#	51
31)	1,1-Dichloropropene	10.57	75	1081416	51.10	ug/L		91
32)	Carbon Tetrachloride	10.72	117	1448762	49.40	ug/L		98
34)	1,2-Dichloroethane	10.88	62	1231273	46.49	ug/L	#	82
35)	Benzene	10.93	78	3319148	51.53	ug/L		99
36)	Trichloroethene	11.68	130	921543	52.02	ug/L		85
37)	1,2-Dichloropropane	11.89	63	651214	52.58	ug/L	#	70
38)	Bromodichloromethane	12.19	83	1177337	49.06	ug/L		100
39)	Dibromomethane	12.27	93	399109	46.74	ug/L		95
40)	2-Chloroethyl Vinyl Ether	12.47	63	232807	39.46	ug/L	#	83
41)	4-Methyl-2-Pentanone	12.52	58	126749	50.25	ug/L	#	70
42)	cis-1,3-Dichloropropene	12.82	75	1186968	46.92	ug/L		97
43)	Dimethyl Disulfide	13.09	79	727176	46.88	ug/L		93
46)	Toluene	13.25	91	3993305	55.08	ug/L		98
47)	Ethyl Methacrylate	13.33	69	797836	52.35	ug/L		98
48)	trans-1,3-Dichloropropene	13.41	75	1219153	54.25	ug/L		92
49)	1,1,2-Trichloroethane	13.63	97	557276	51.91	ug/L		99
50)	2-Hexanone	13.57	43	227914	54.30	ug/L	#	88
51)	1,3-Dichloropropane	13.93	76	1052810	52.94	ug/L	#	67
52)	Tetrachloroethene	14.08	164	792189	54.42	ug/L		98
53)	Dibromochloromethane	14.33	129	780042	53.08	ug/L		94
54)	1,2-Dibromoethane	14.59	107	563321	53.46	ug/L		98
55)	1-Chlorohexane	14.68	91	1361716	53.26	ug/L	#	75
56)	Chlorobenzene	15.10	112	2887968	52.50	ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	964448	51.69	ug/L		93
58)	Ethylbenzene	15.12	106	1673352	54.68	ug/L		92
59)	m-,p-Xylene	15.22	106	4383941	109.21	ug/L		88
60)	o-Xylene	15.78	106	2122999	53.99	ug/L		87
61)	Styrene	15.81	104	3722426	53.51	ug/L		94
62)	Bromoform	16.30	173	547738	42.91	ug/L		100
63)	Isopropylbenzene	16.20	105	5734989	47.68	ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.41	83	808638	54.07	ug/L		99
67)	1,2,3-Trichloropropane	16.60	110	275900	52.21	ug/L		80
68)	trans-1,4-Dichloro-2-Buten	16.64	53	180176	44.67	ug/L	#	48
69)	n-Propylbenzene	16.71	91	6941236	56.09	ug/L		96
70)	Bromobenzene	16.84	156	1418078	53.77	ug/L		82
71)	1,3,5-Trimethylbenzene	16.90	105	5534661	55.73	ug/L		94
72)	2-Chlorotoluene	16.99	91	4654777	57.39	ug/L		95
73)	4-Chlorotoluene	17.03	91	4606189	55.20	ug/L		95
74)	a-Methylstyrene	17.30	118	3055456	53.30	ug/L		96
75)	tert-Butylbenzene	17.36	119	4465445	54.34	ug/L		94

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10344.D Vial: 2
Acq On : 29 Jun 2000 7:38 Operator: MES
Sample : WG79903-02 50 PPB STD M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 8:01 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

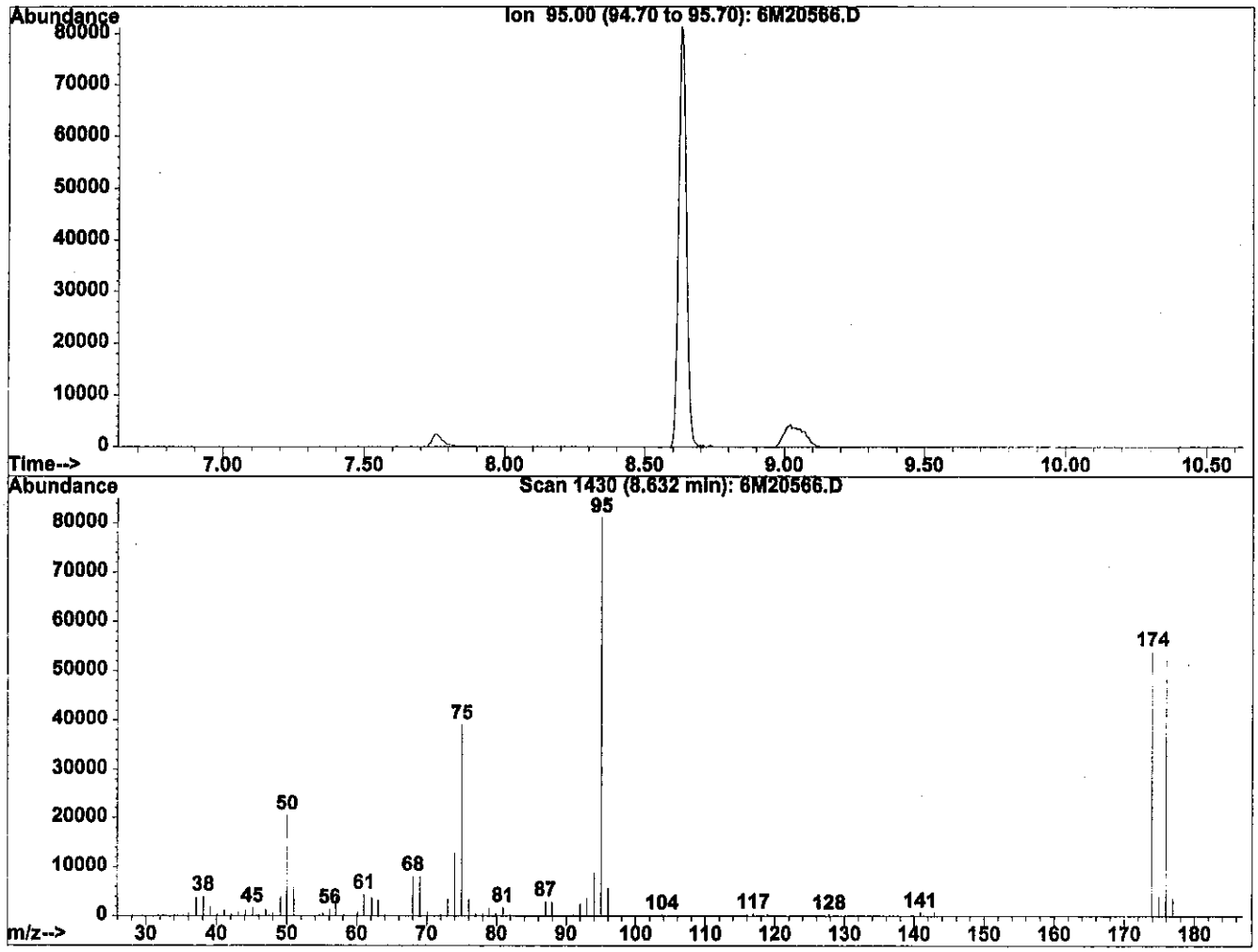
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
76)	1,2,4-Trimethylbenzene	17.41	105	5764874	56.32	ug/L	95
77)	sec-Butylbenzene	17.63	105	6716111	55.44	ug/L	100
78)	p-Isopropyltoluene	17.79	119	6287777	55.88	ug/L	99
79)	1,3-Dichlorobenzene	17.99	146	3315189	54.82	ug/L	98
80)	1,4-Dichlorobenzene	18.11	146	3352157	52.83	ug/L	98
81)	n-Butylbenzene	18.32	91	5515354	55.26	ug/L	98
82)	1,2-Dichlorobenzene	18.61	146	2963356	53.99	ug/L	96
83)	1,2-Dibromo-3-Chloropropan	19.60	157	178444	49.07	ug/L	84
84)	1,2,4-Trichlorobenzene	20.75	180	1925655	54.42	ug/L	98
85)	Hexachlorobutadiene	20.90	225	927308	52.95	ug/L	97
86)	Naphthalene	21.12	128	2688897	53.72	ug/L	100
87)	1,2,3-Trichlorobenzene	21.43	180	1485518	52.98	ug/L	97

(#) = qualifier out of range (m) = manual integration

2.1.1.4 Raw QC Data

BFB

Data File : C:\HPCHEM\1\DATA\061400\6M20566.D Vial: 1
Acq On : 14 Jun 2000 16:40 Operator: CMS
Sample : WG78929-01 BFB 50NG STD SV-63-14 Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00



Spectrum Information: Scan 1430

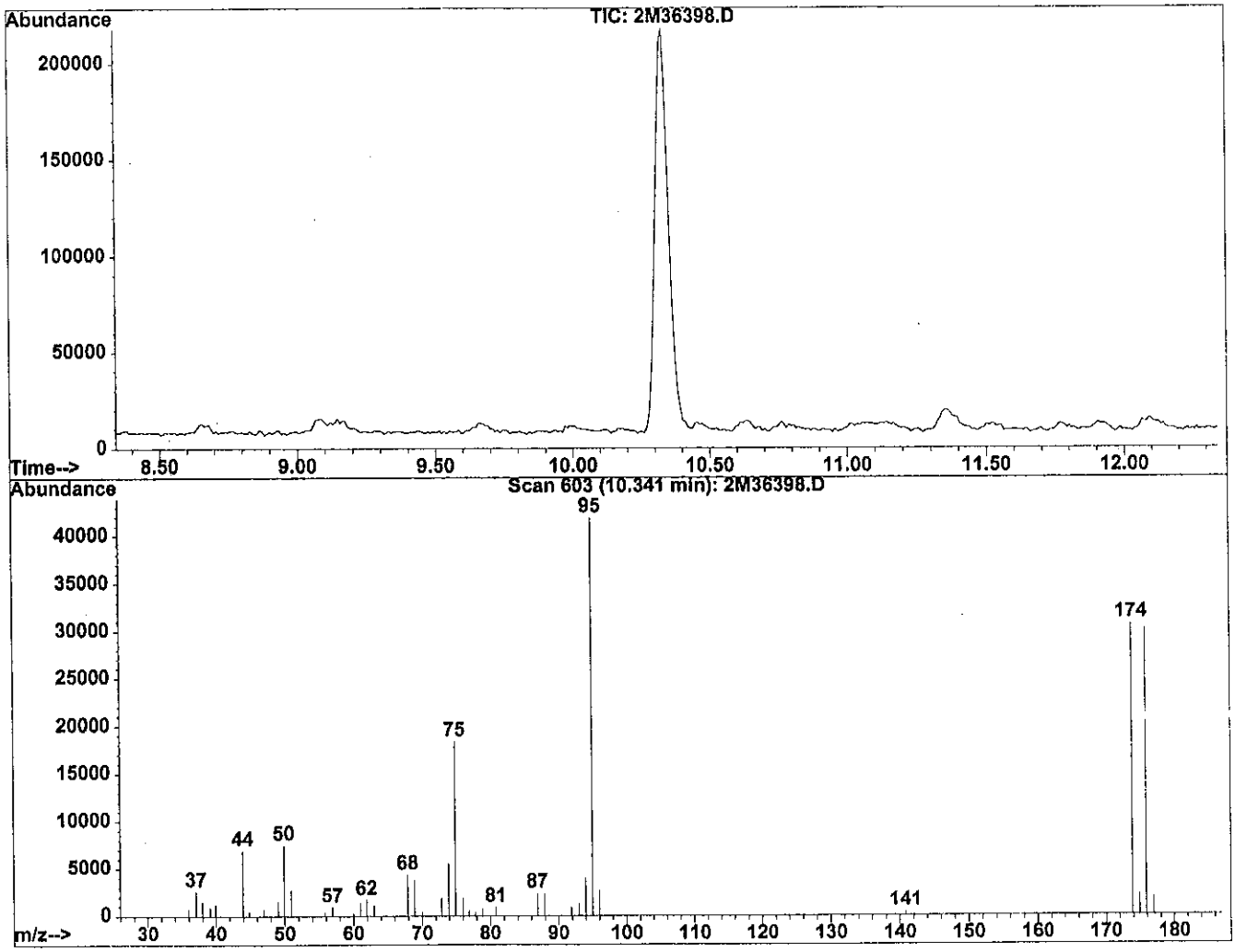
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.3	20536	PASS
75	95	30	60	48.2	39064	PASS
95	95	100	100	100.0	81128	PASS
96	95	5	9	7.2	5829	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	66.6	54008	PASS
175	174	5	9	7.7	4173	PASS
176	174	95	101	96.9	52328	PASS
177	176	5	9	7.2	3742	PASS

6M20566.D 8260PRES.M Wed Jun 14 23:10:19 2000

BFB

Data File : C:\HPCHEM\1\DATA\061500\2M36398.D
Acq On : 15 Jun 2000 14:04
Sample : WG78945-01 BFB 50NG STD SV-63-14
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2

Vial: 9
Operator: CMS
Inst : HPMS2
Multiplr: 1.00



Spectrum Information: Scan 603

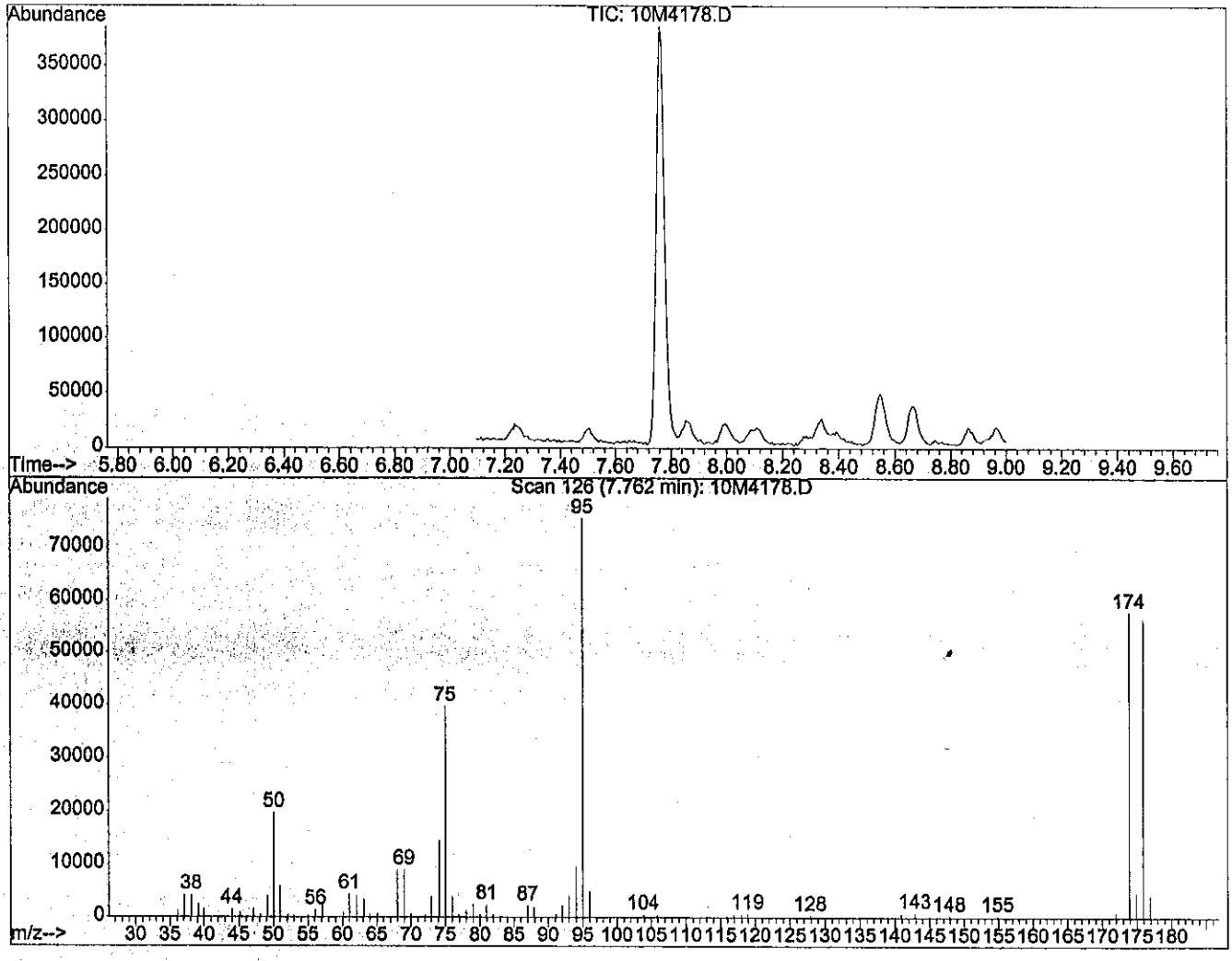
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.9	7517	PASS
75	95	30	60	43.9	18384	PASS
95	95	100	100	100.0	41880	PASS
96	95	5	9	6.5	2733	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	73.1	30632	PASS
175	174	5	9	7.4	2256	PASS
176	174	95	101	98.5	30184	PASS
177	176	5	9	6.3	1891	PASS

2M36398.D M8260WTR.M Thu Jun 15 20:34:06 2000 HPMS2

BFB

Data File : C:\HPCHEM\1\DATA\061600\10M4178.D
Acq On : 16 Jun 2000 14:04
Sample : WG79035-01 50NG BFB SV6314
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00



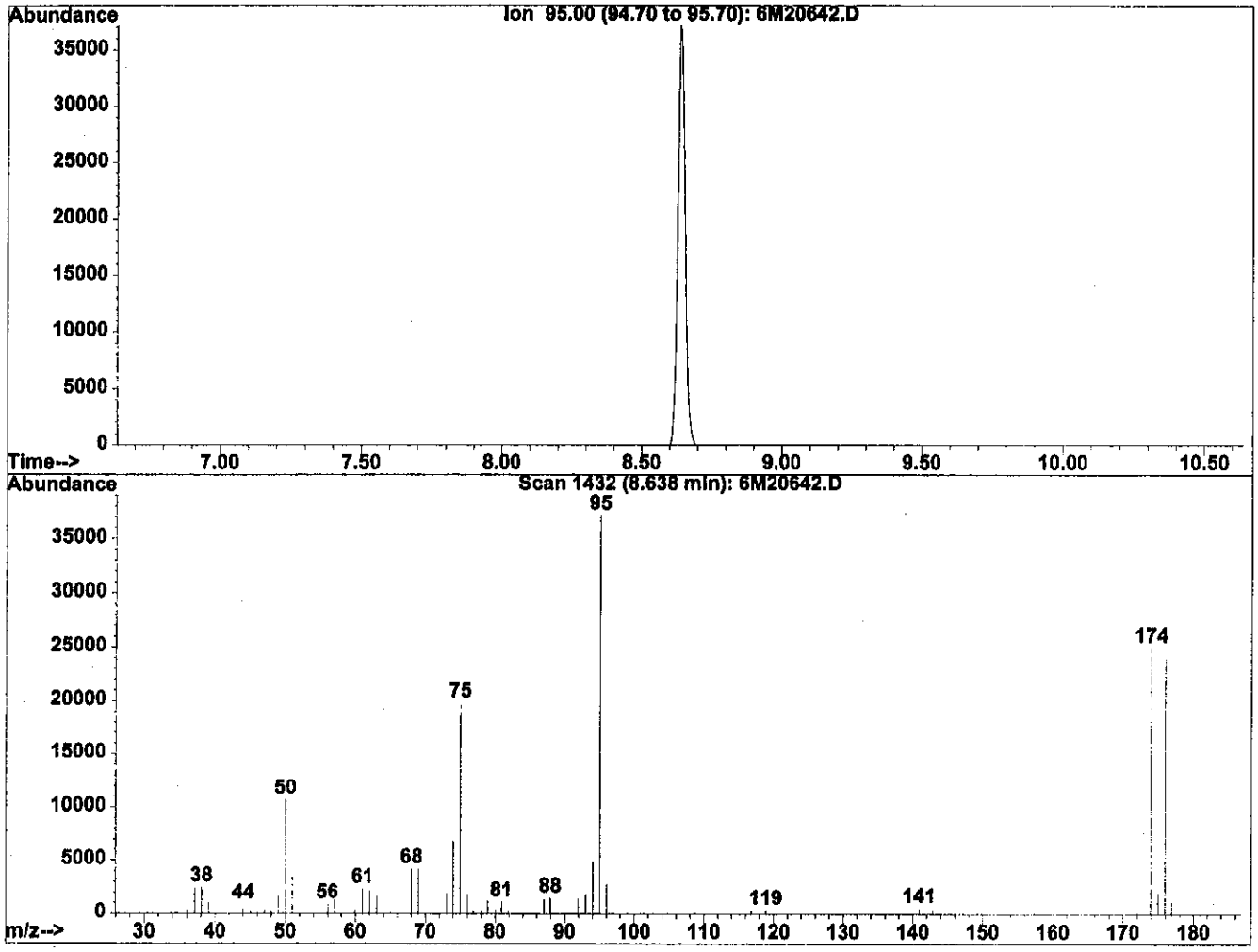
Spectrum Information: Scan 126

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.1	19704	PASS
75	95	30	60	52.5	39712	PASS
95	95	100	100	100.0	75600	PASS
96	95	5	9	6.6	4953	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.4	57768	PASS
175	174	5	9	8.0	4640	PASS
176	174	95	101	97.8	56504	PASS
177	176	5	9	7.2	4091	PASS

10M4178.D 8260WTR.M Fri Jun 16 21:00:18 2000

BFB

Data File : C:\HPCHEM\1\DATA\061900\6M20642.D Vial: 3
Acq On : 19 Jun 2000 9:12 Operator: CMS
Sample : WG79172-01 BFB 50NG STD SV-63-14 Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00



Spectrum Information: Scan 1432

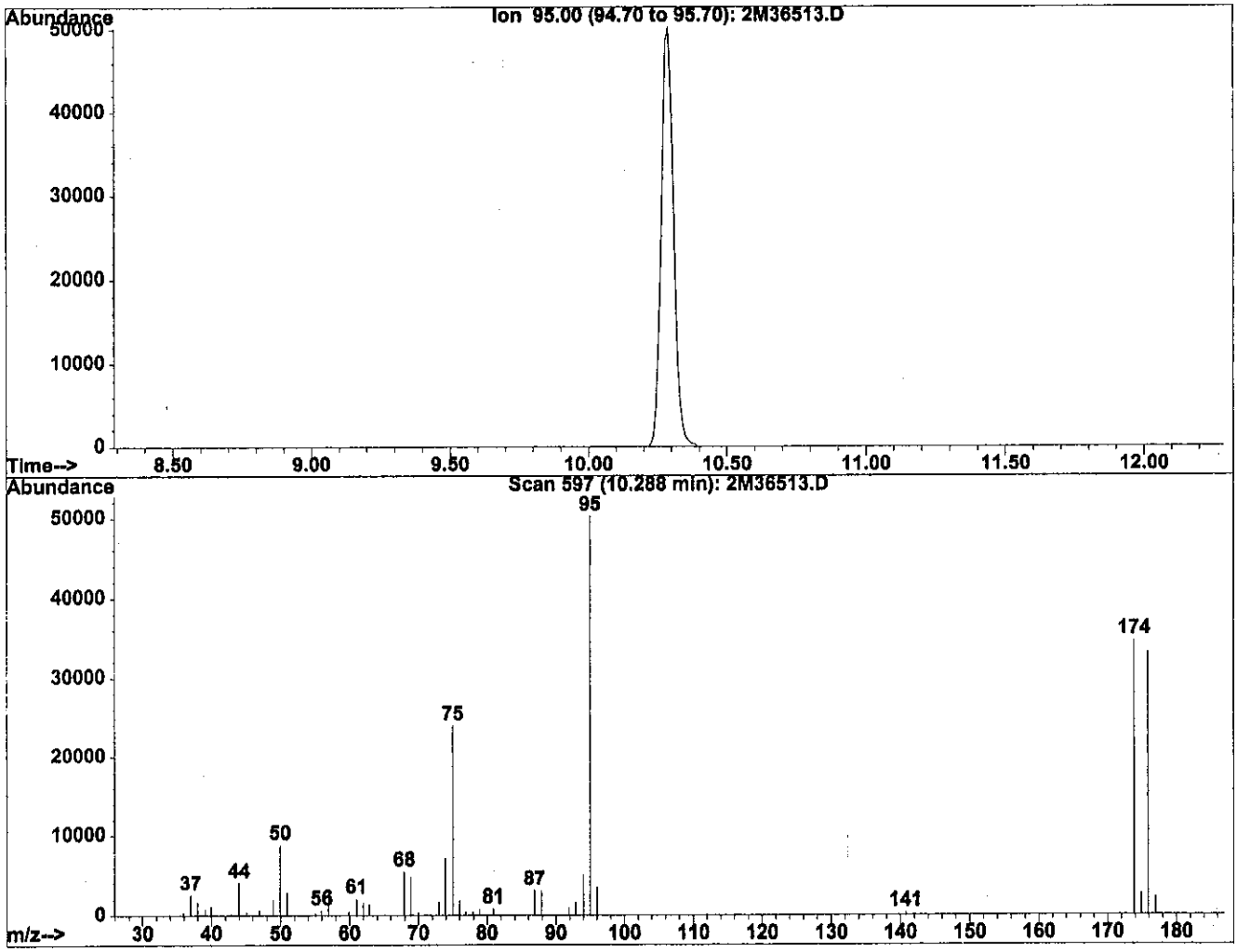
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	28.9	10722	PASS
75	95	30	60	53.4	19840	PASS
95	95	100	100	100.0	37160	PASS
96	95	5	9	7.6	2832	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	67.4	25040	PASS
175	174	5	9	7.8	1964	PASS
176	174	95	101	95.9	24024	PASS
177	176	5	9	6.3	1508	PASS

6M20642.D 8260PRES.M Mon Jun 19 09:21:52 2000

BFB

Data File : C:\HPCHEM\1\DATA\061900\2M36513.D
Acq On : 19 Jun 2000 9:45
Sample : WG79178-01 BFB 50NG STD SV-63-14
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2

Vial: 1
Operator: CMS
Inst : HPMS2
Multiplr: 1.00



Spectrum Information: Scan 597

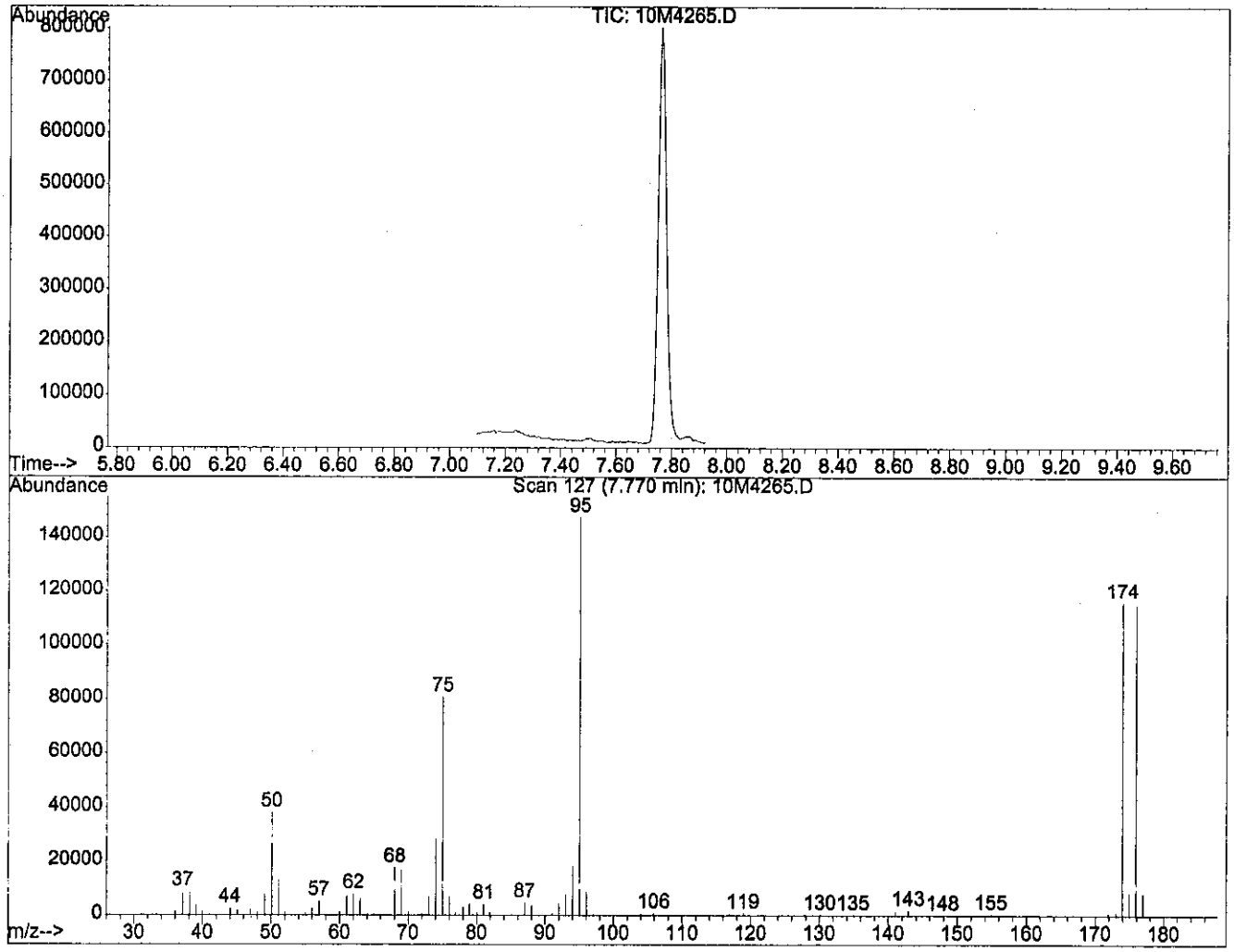
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	17.6	8869	PASS
75	95	30	60	47.8	24016	PASS
95	95	100	100	100.0	50288	PASS
96	95	5	9	7.0	3517	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	68.9	34656	PASS
175	174	5	9	7.9	2725	PASS
176	174	95	101	96.0	33272	PASS
177	176	5	9	6.7	2237	PASS

2M36513.D M8260WTR.M Mon Jun 19 10:04:49 2000 HPMS2

BFB

Data File : C:\HPCHEM\1\DATA\062000\10M4265.D
Acq On : 20 Jun 2000 8:30
Sample : WG79271-01 50NG BFB SV6314
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10

Vial: 1
Operator: MES
Inst : HPMS10
Multiplr: 1.00

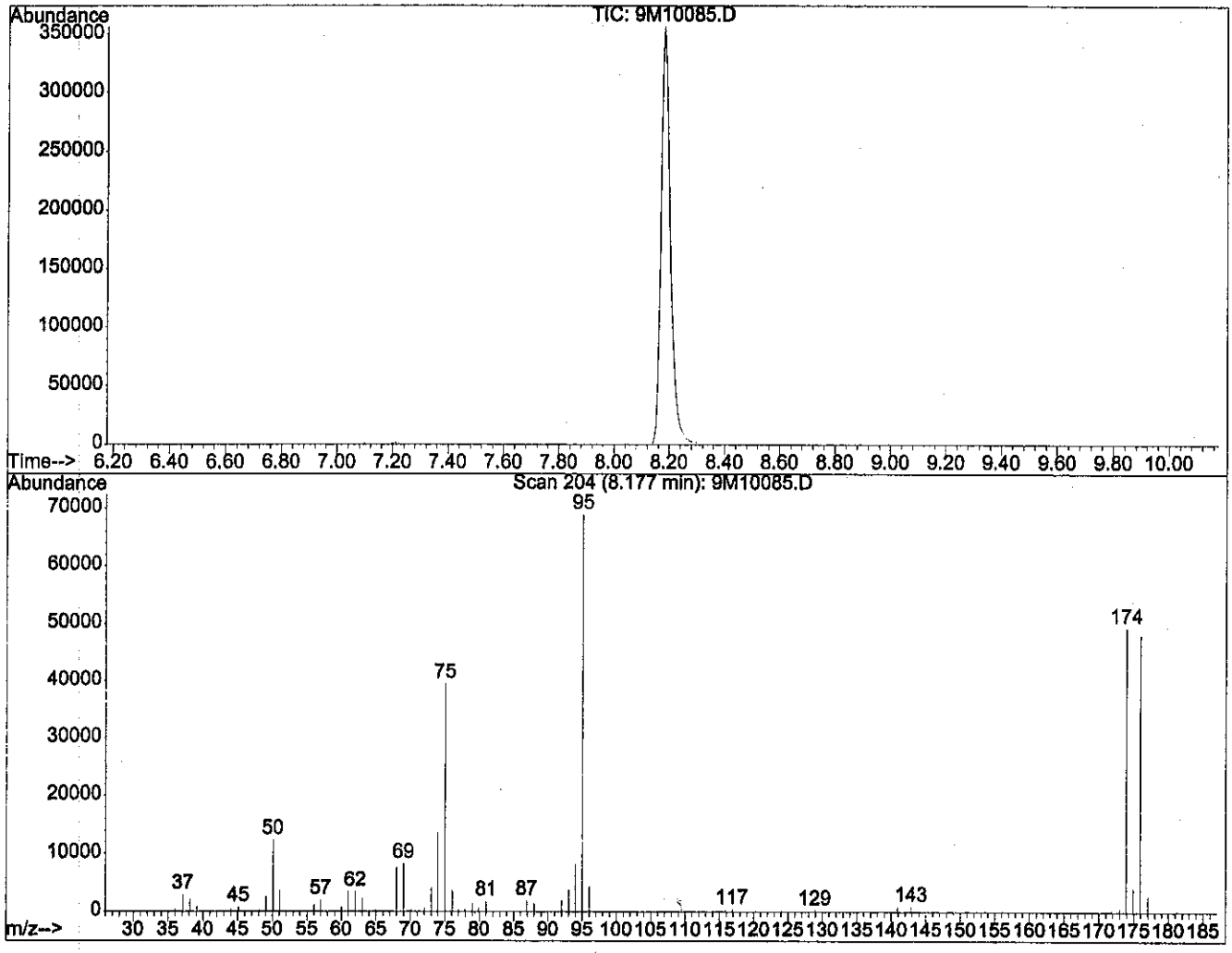


Spectrum Information: Scan 127

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.8	38064	PASS
75	95	30	60	54.8	80848	PASS
95	95	100	100	100.0	147584	PASS
96	95	5	9	6.4	9457	PASS
173	174	0.00	2	0.9	1050	PASS
174	95	50	100	78.5	115912	PASS
175	174	5	9	7.1	8286	PASS
176	174	95	101	99.2	114976	PASS
177	176	5	9	7.2	8255	PASS

10M4265.D 8260WTR.M Tue Jun 20 08:39:08 2000

Data File : C:\HPCHEM\1\DATA\062000\9M10085.D Vial: 3
Acq On : 20 Jun 2000 10:25 Operator: MES
Sample : WG79282-01 50NG BFB SV-63-14 Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WT.M (RTE Integrator)
Title : Method 8260B Water Analysis 05/24/2000 - HPMS 9



Spectrum Information: Scan 204

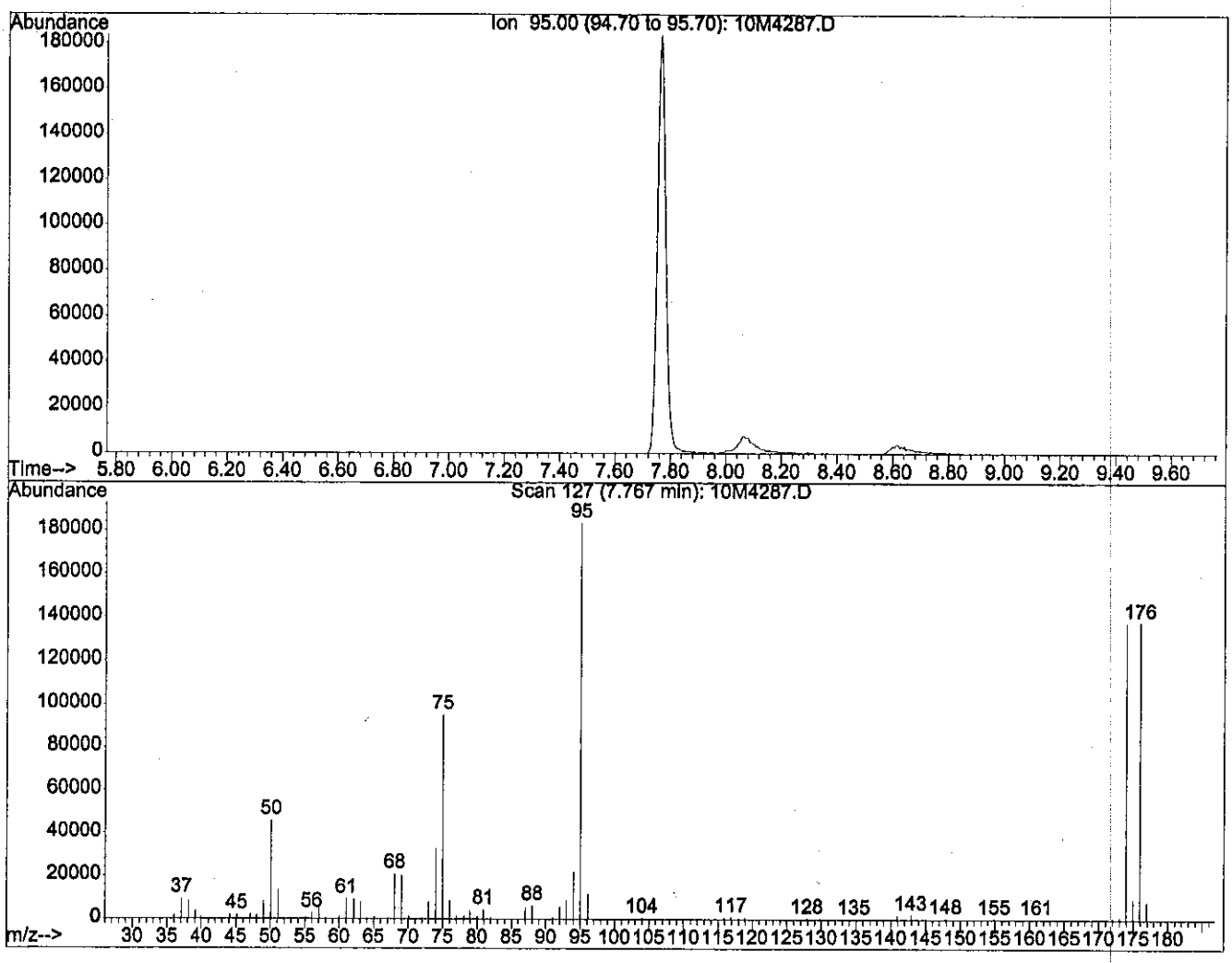
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.0	12407	PASS
75	95	30	60	57.4	39576	PASS
95	95	100	100	100.0	68968	PASS
96	95	5	9	6.2	4250	PASS
173	174	0.00	2	1.4	709	PASS
174	95	50	100	71.5	49344	PASS
175	174	5	9	8.2	4023	PASS
176	174	95	101	97.3	48008	PASS
177	176	5	9	5.9	2812	PASS

9M10085.D 8260WT.M Tue Jun 20 10:34:32 2000 HPMS_9

BFB

Data File : C:\HPCHEM\1\DATA\062000\10M4287.D
Acq On : 20 Jun 2000 20:36
Sample : WG79341-01 50NG BFB
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10

Vial: 1
Operator: MES
Inst : HPMS10
Multiplr: 1.00



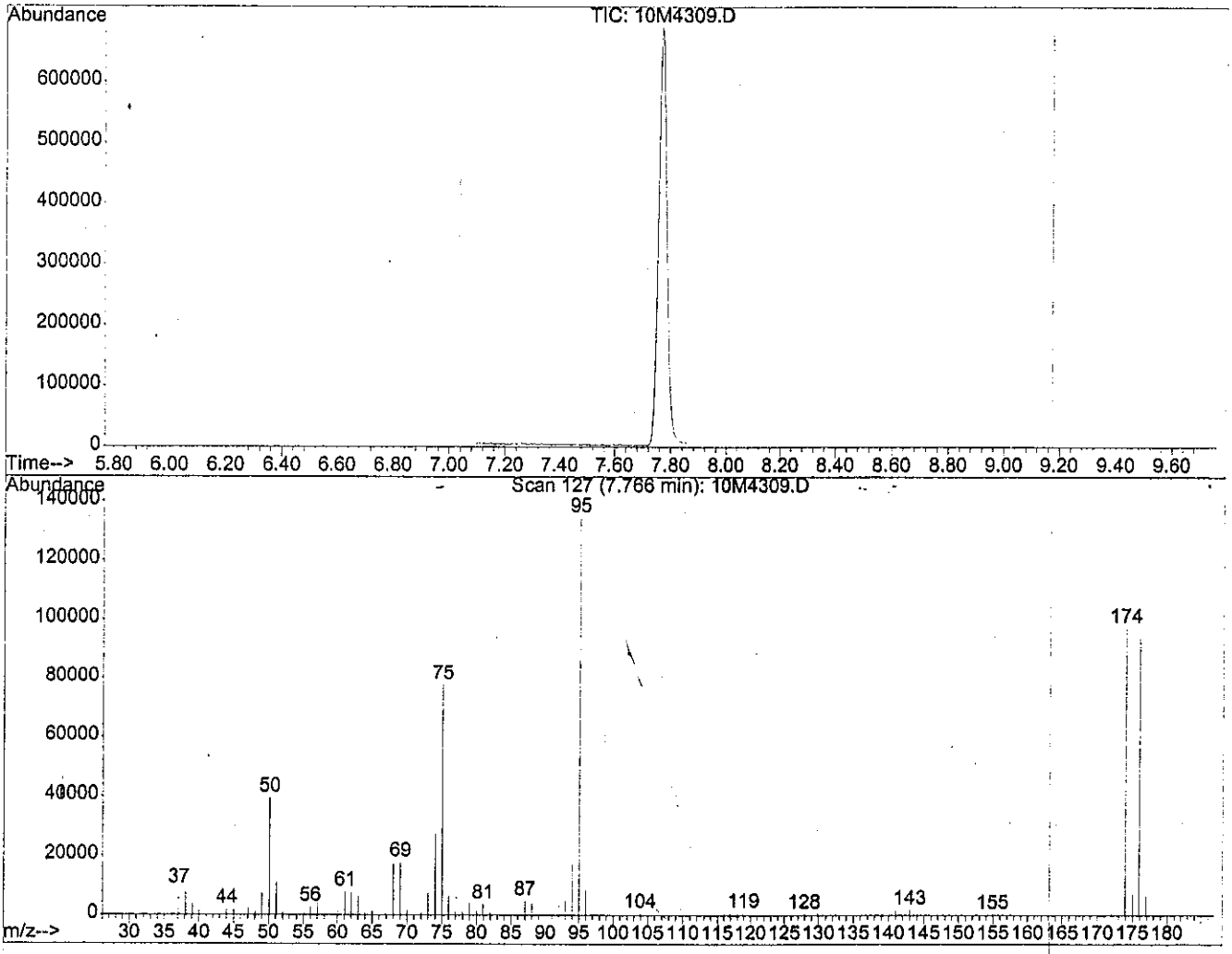
Spectrum Information: Scan 127

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	25.1	46080	PASS
75	95	30	60	51.7	95088	PASS
95	95	100	100	100.0	183936	PASS
96	95	5	9	6.4	11777	PASS
173	174	0.00	2	0.8	1065	PASS
174	95	50	100	74.8	137664	PASS
175	174	5	9	7.1	9769	PASS
176	174	95	101	100.2	137984	PASS
177	176	5	9	6.0	8326	PASS

10M4287.D 8260WTR.M Tue Jun 20 21:08:47 2000

BFB

Data File : C:\HPCHEM\1\DATA\062100\10M4309.D Vial: 1
Acq On : 21 Jun 2000 8:44 Operator: MES
Sample : WG79355-01 50NG BFB SV6314 Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10



Spectrum Information: Scan 127

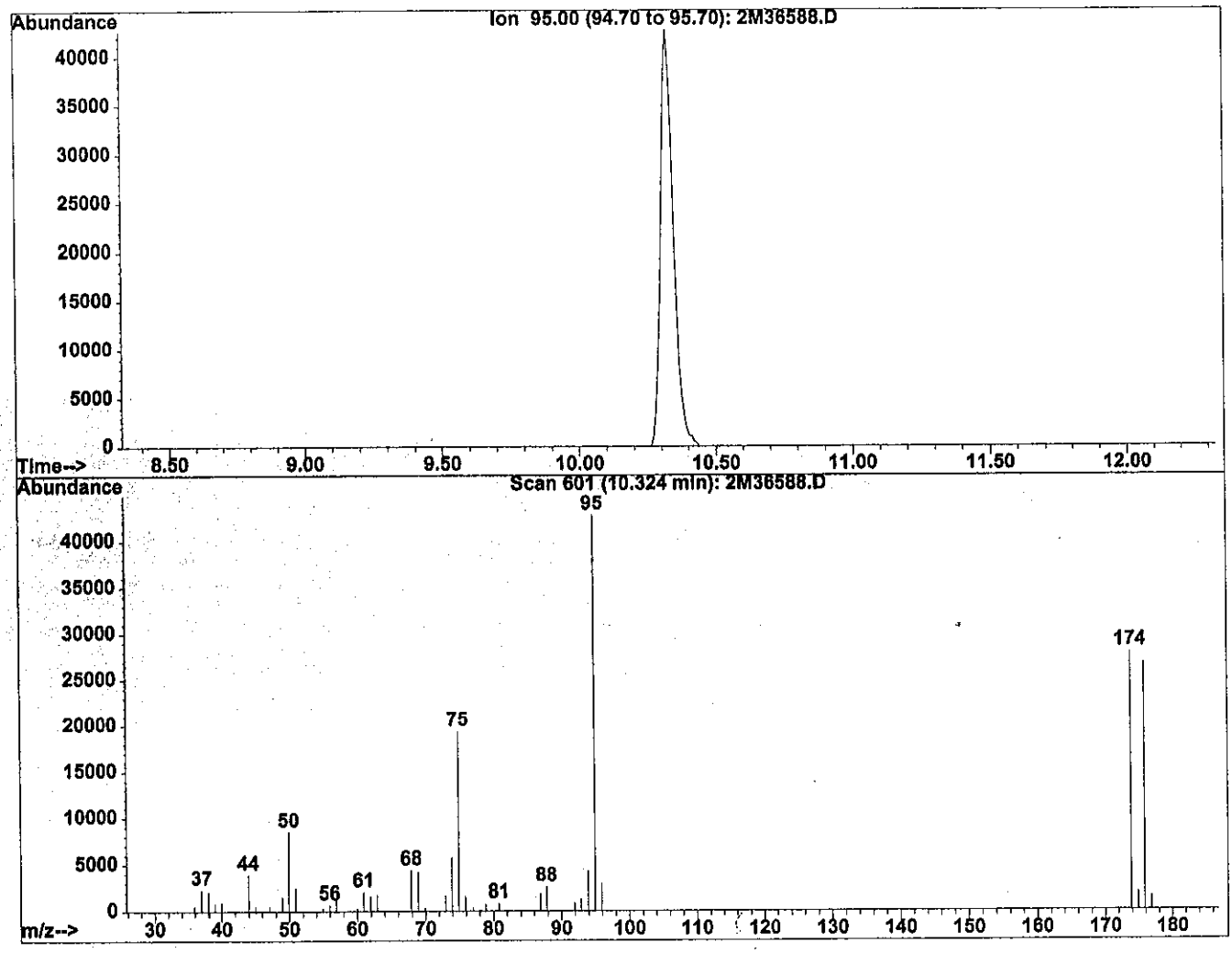
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	29.3	39472	PASS
75	95	30	60	57.9	77832	PASS
95	95	100	100	100.0	134528	PASS
96	95	5	9	6.4	8571	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	72.2	97104	PASS
175	174	5	9	7.4	7179	PASS
176	174	95	101	96.7	93872	PASS
177	176	5	9	6.9	6486	PASS

10M4309.D 8260WTR.M Wed Jun 21 08:52:30 2000

BFB

Data File : C:\HPCHEM\1\DATA\062100\2M36588.D
Acq On : 21 Jun 2000 9:07
Sample : WG79363-01 BFB 50NG STD SV-63-14
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2

Vial: 1
Operator: CMS
Inst : HPMS2
Multiplr: 1.00

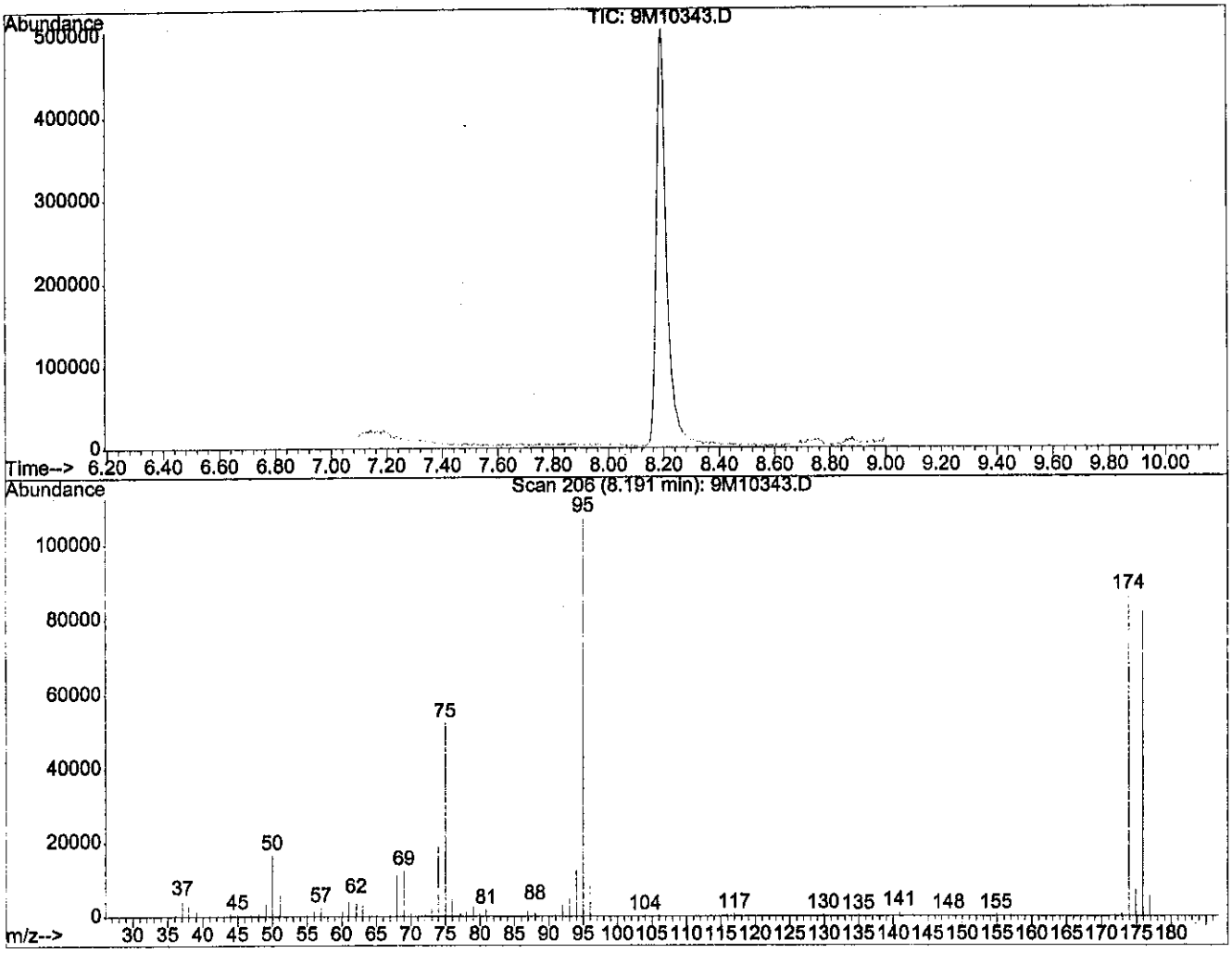


Spectrum Information: Scan 601

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	19.9	8511	PASS
75	95	30	60	45.4	19392	PASS
95	95	100	100	100.0	42712	PASS
96	95	5	9	6.9	2931	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	65.3	27888	PASS
175	174	5	9	7.0	1939	PASS
176	174	95	101	96.2	26832	PASS
177	176	5	9	5.7	1540	PASS

Data File : C:\HPCHEM\1\DATA\062900\9M10343.D
Acq On : 29 Jun 2000 7:09
Sample : WG79903-01 50NG BFB SV-65-01
Misc : WATER,1
MS Integration Params: rteint.p
Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9

Vial: 1
Operator: MES
Inst : HPMS_9
Multiplr: 1.00



Spectrum Information: Scan 206

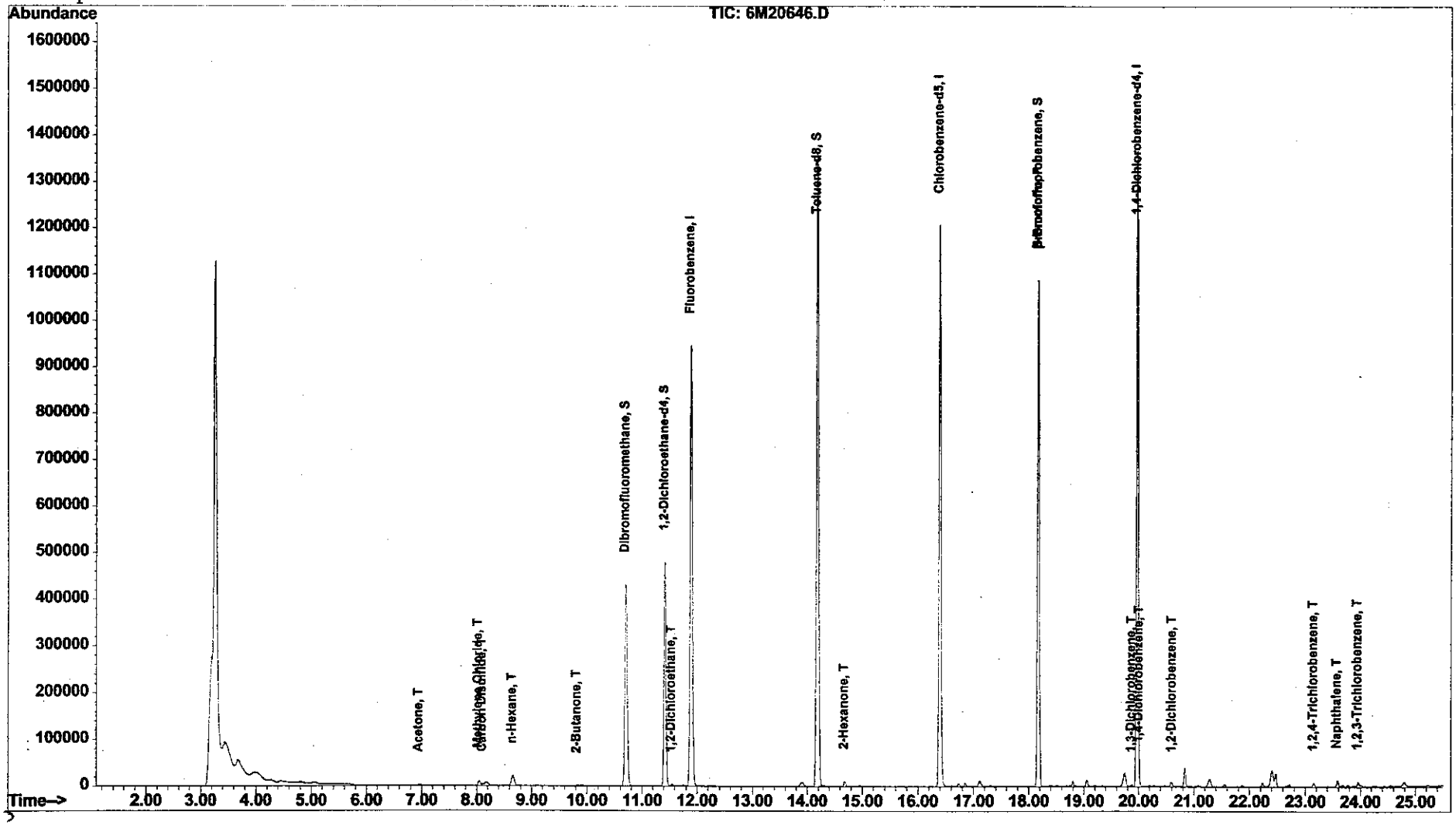
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	15.6	16752	PASS
75	95	30	60	48.7	52200	PASS
95	95	100	100	100.0	107216	PASS
96	95	5	9	7.7	8241	PASS
173	174	0.00	2	1.0	826	PASS
174	95	50	100	80.3	86136	PASS
175	174	5	9	8.2	7084	PASS
176	174	95	101	95.4	82192	PASS
177	176	5	9	6.6	5456	PASS

9M10343.D 8260WTR.M Thu Jun 29 07:19:21 2000 HPMS_9

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20646.D Vial: 7
Acq On : 19 Jun 2000 12:16 Operator: CMS
Sample : WG79172-03 VBLK0619 BLANK M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:42 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



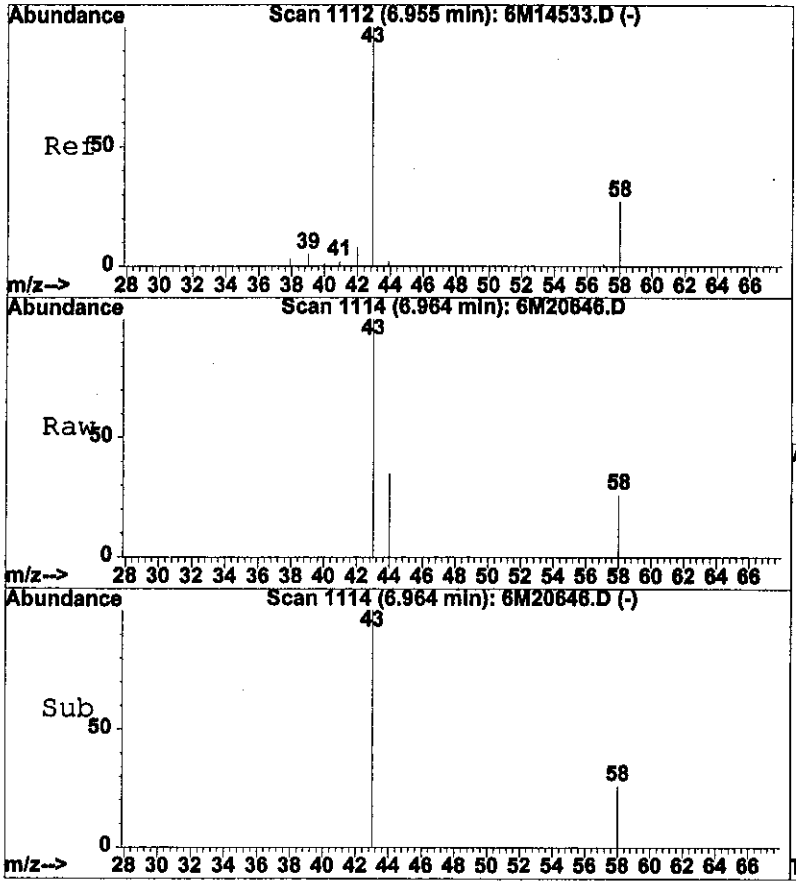
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20646.D Vial: 7
Acq On : 19 Jun 2000 12:16 Operator: CMS
Sample : WG79172-03 VBLK0619 BLANK M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:42 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.90	96	1187029	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	884469	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	478691	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	371366	41.69	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.38%			
33) 1,2-Dichloroethane-d4	11.43	65	496907	46.46	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.92%			
45) Toluene-d8	14.18	98	1262343	47.95	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 95.90%			
66) p-Bromofluorobenzene	18.17	95	531339	49.55	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 99.10%			
Target Compounds						Qvalue
11) Acetone	6.96	43	6496	2.98	ug/kg#	77
15) Methylene Chloride	8.05	84	5994	1.05	ug/kg#J	45
16) Carbon Disulfide	8.11	76	7834	0.34	ug/kg#	78
20) n-Hexane	8.65	57	18041	1.29	ug/kg	94
23) 2-Butanone	9.84	43	2752	0.61	ug/kg#	56
34) 1,2-Dichloroethane	11.56	62	4073	0.34	ug/kg#	99
50) 2-Hexanone	14.69	43	13379	2.03	ug/kg#	5
62) Bromoform	18.17	173	1213	0.33	ug/kg#	1
79) 1,3-Dichlorobenzene	19.88	146	3251	0.22	ug/kg#	84
80) 1,4-Dichlorobenzene	20.03	146	4370	0.28	ug/kg#J	83
82) 1,2-Dichlorobenzene	20.62	146	2907	0.20	ug/kg#	82
84) 1,2,4-Trichlorobenzene	23.15	180	4029	0.42	ug/kg	90
86) Naphthalene	23.58	128	16174	0.68	ug/kg J	99
87) 1,2,3-Trichlorobenzene	23.95	180	4575	0.50	ug/kg#J	95

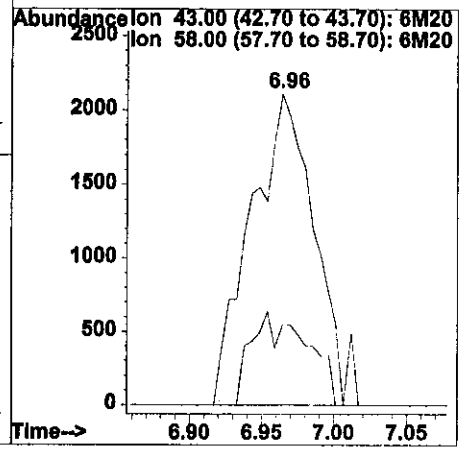
(#) = qualifier out of range (m) = manual integration

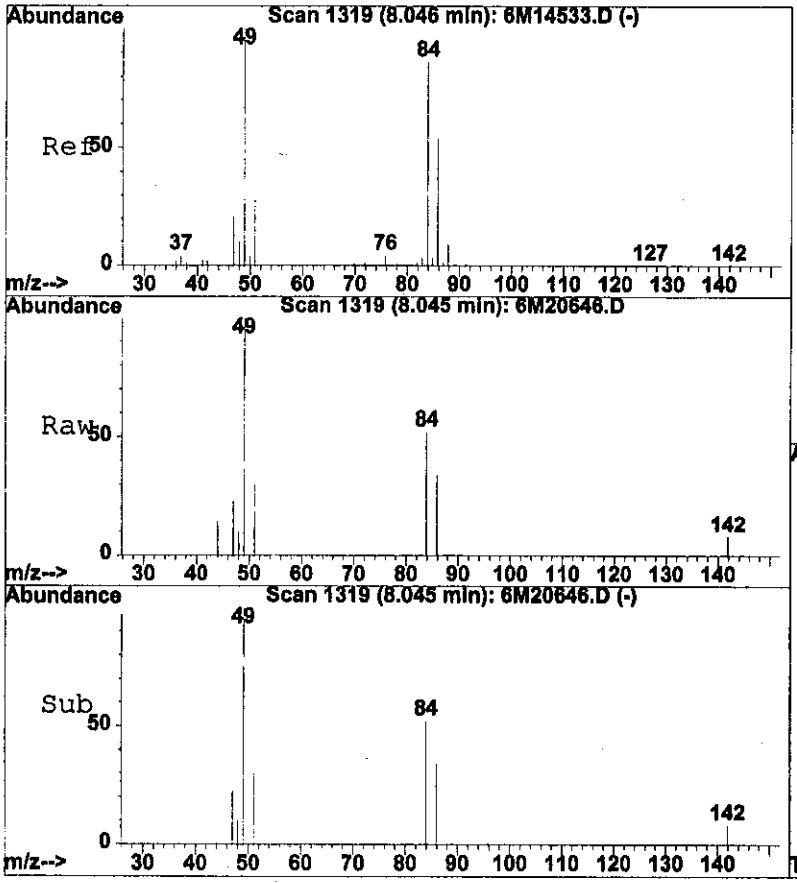


#11
Acetone
Concen: 2.98 ug/kg
RT: 6.96 min Scan# 1114
Delta R.T. -0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 43 Resp: 6496

Ion	Ratio	Lower	Upper
43	100		
58	14.9	21.1	31.7#

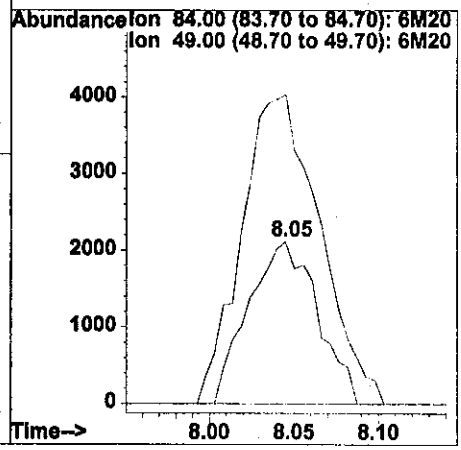


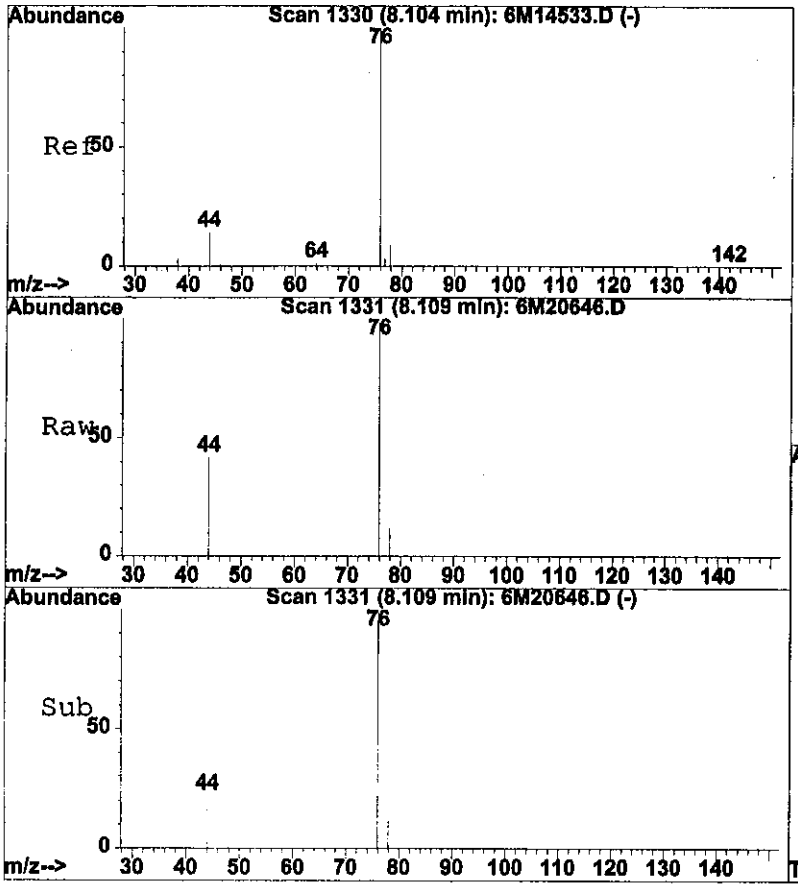


#15
Methylene Chloride
Concen: 1.05 ug/kg
RT: 8.05 min Scan# 1319
Delta R.T. 0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 84 Resp: 5994

Ion	Ratio	Lower	Upper
84	100		
49	216.1	117.8	176.8#

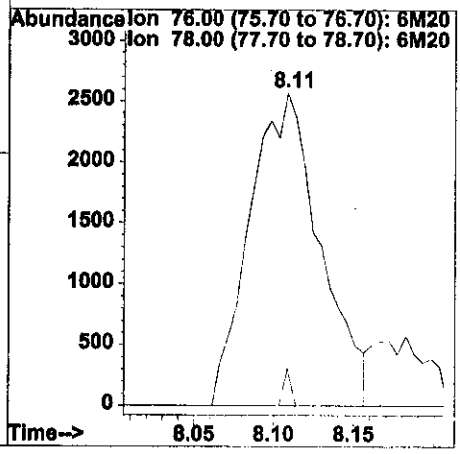


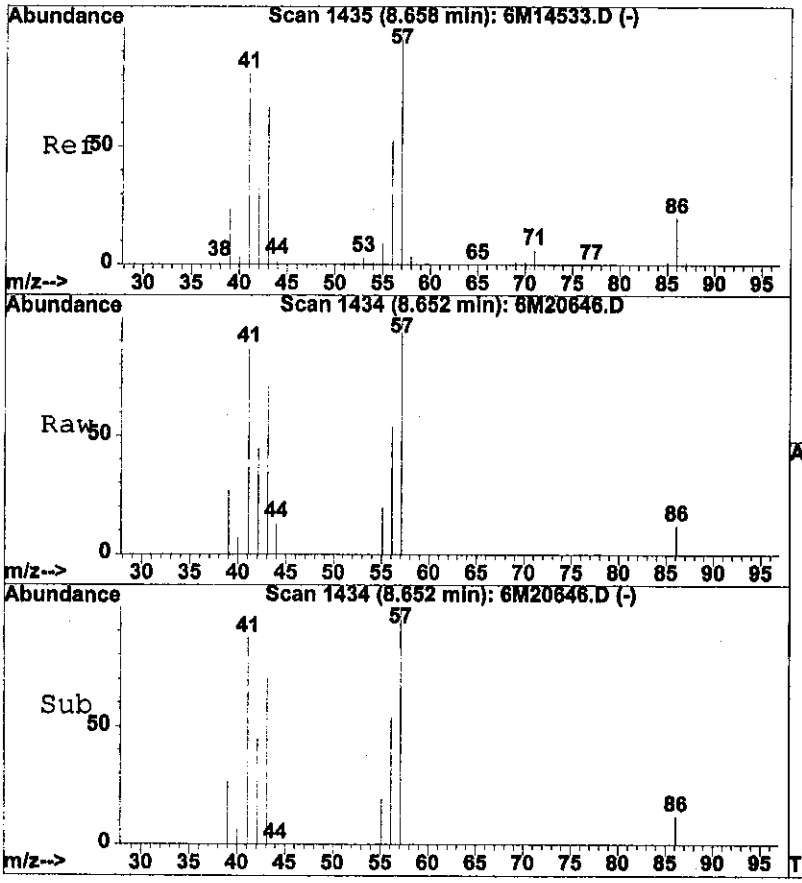


#16
Carbon Disulfide
Concen: 0.34 ug/kg
RT: 8.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 76 Resp: 7834

Ion	Ratio	Lower	Upper
76	100		
78	1.2	7.2	10.8#

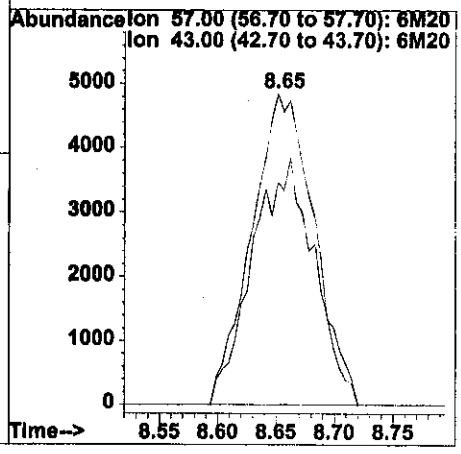


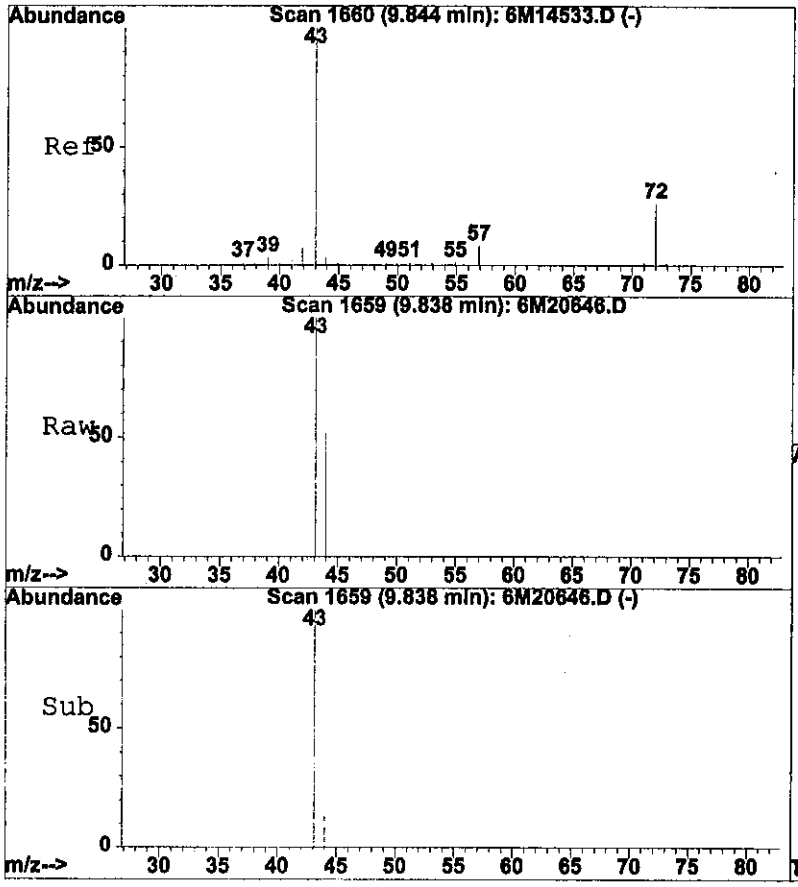


#20
n-Hexane
Concen: 1.29 ug/kg
RT: 8.65 min Scan# 1434
Delta R.T. -0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 57 Resp: 18041

Ion	Ratio	Lower	Upper
57	100		
43	78.6	59.0	88.6

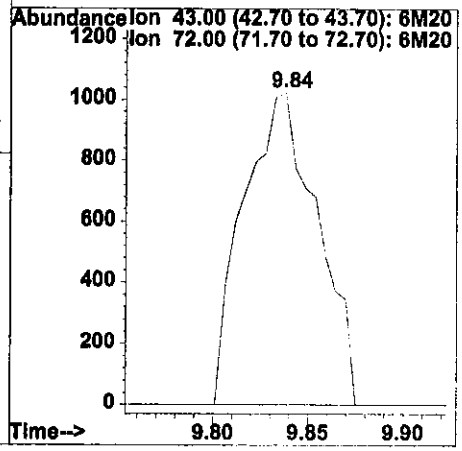


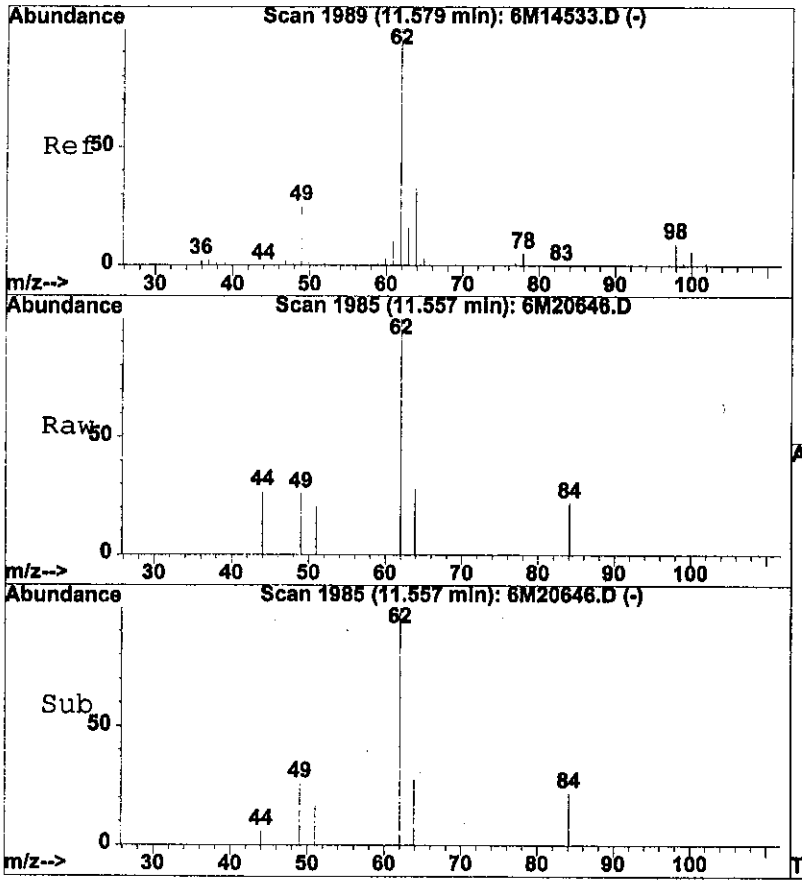


#23
2-Butanone
Concen: 0.61 ug/kg
RT: 9.84 min Scan# 1659
Delta R.T. 0.01 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 43 Resp: 2752

Ion	Ratio	Lower	Upper
43	100		
72	0.0	16.2	24.4#

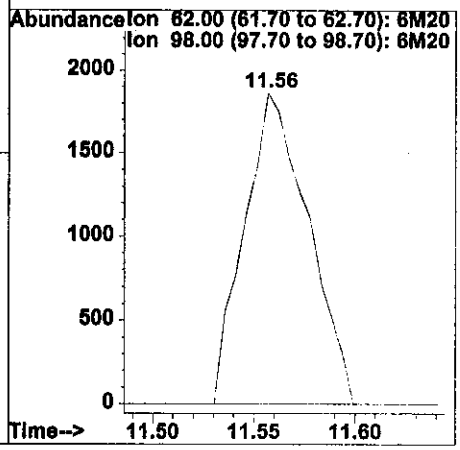


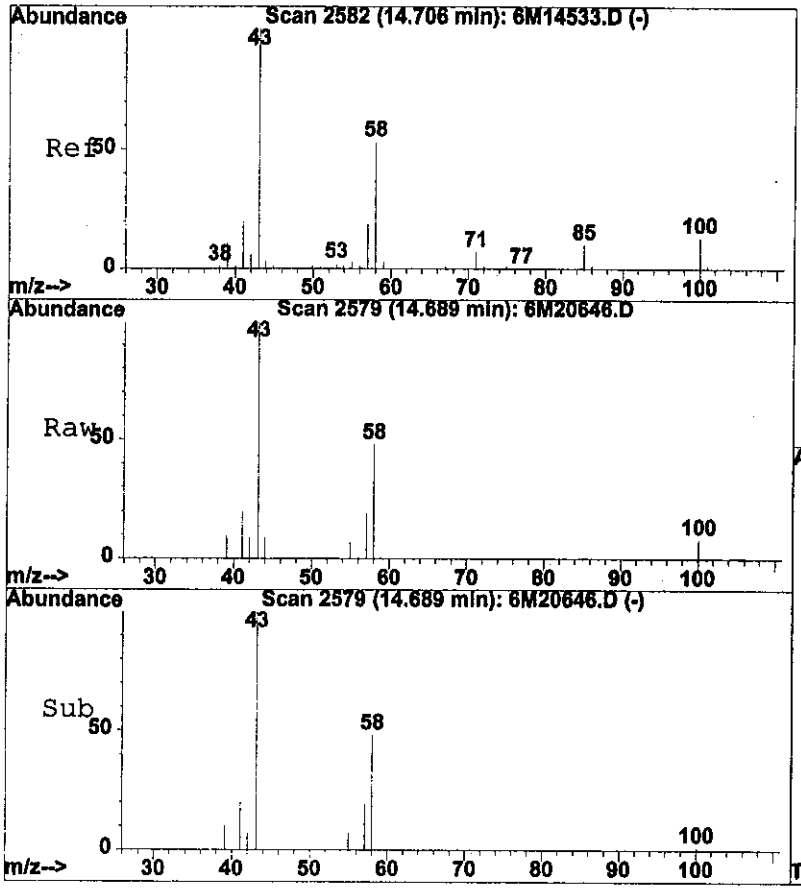


#34
1,2-Dichloroethane
Concen: 0.34 ug/kg
RT: 11.56 min Scan# 1985
Delta R.T. -0.01 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 62 Resp: 4073

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.4	0.6#

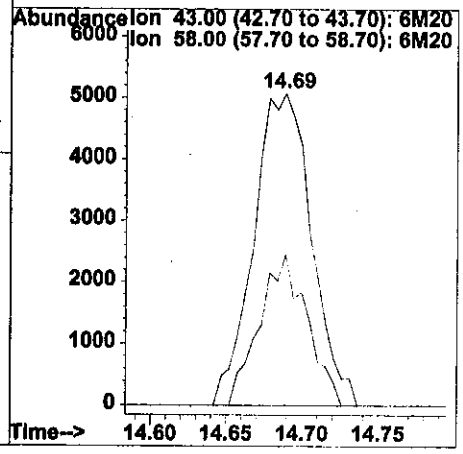


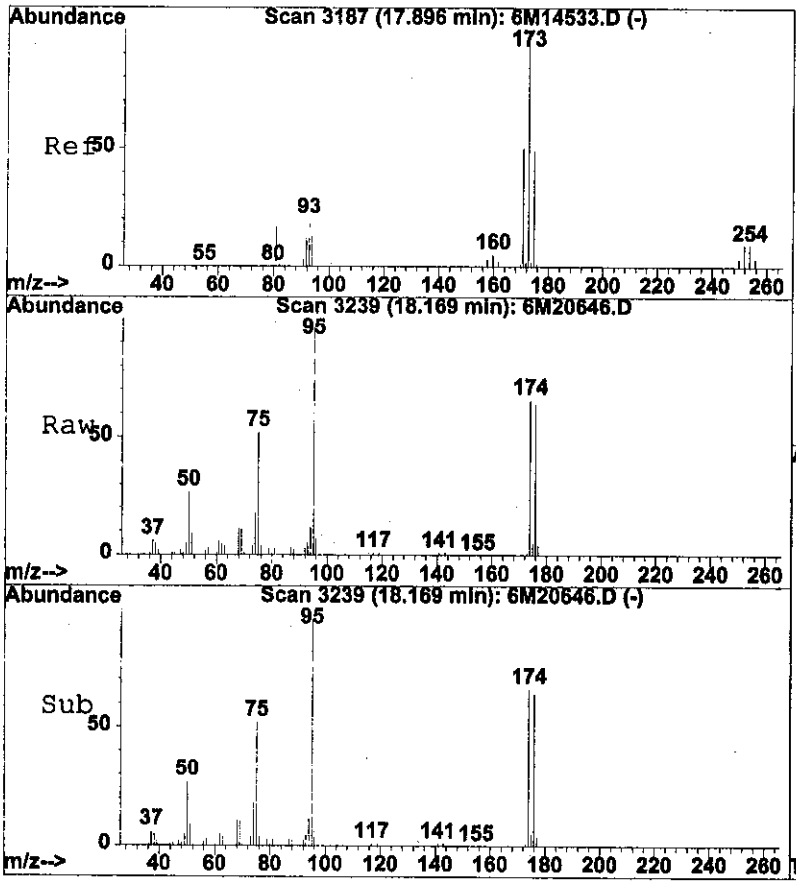


#50
2-Hexanone
Concen: 2.03 ug/kg
RT: 14.69 min Scan# 2579
Delta R.T. -0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion: 43 Resp: 13379

Ion	Ratio	Lower	Upper
43	100		
58	39.7	5.5	8.3#

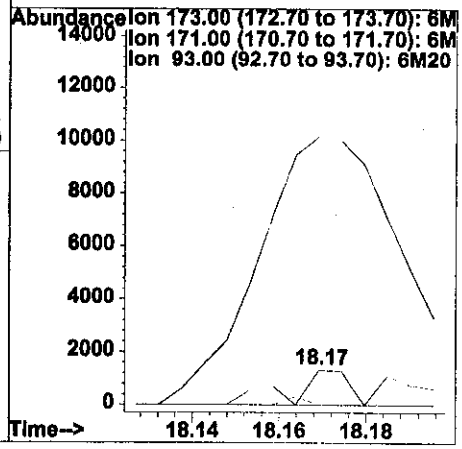


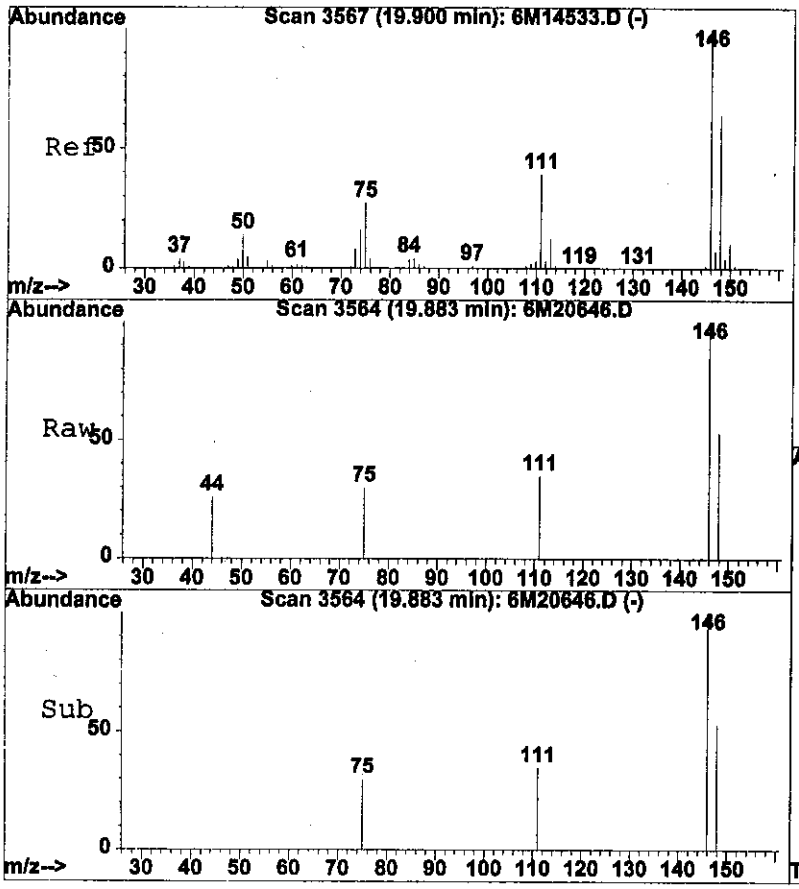


#62
Bromoform
Concen: 0.33 ug/kg
RT: 18.17 min Scan# 3239
Delta R.T. 0.30 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:173 Resp: 1213

Ion	Ratio	Lower	Upper
173	100		
171	8.1	41.2	61.8#
93	1932.2	19.1	28.7#

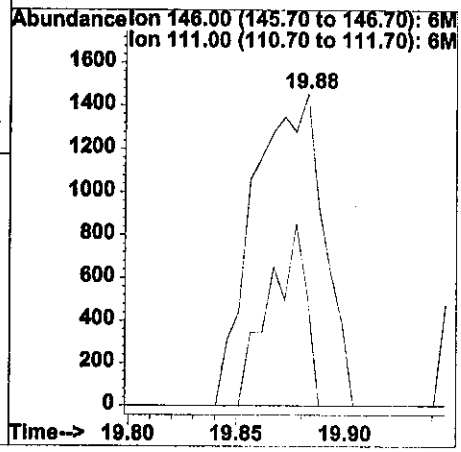


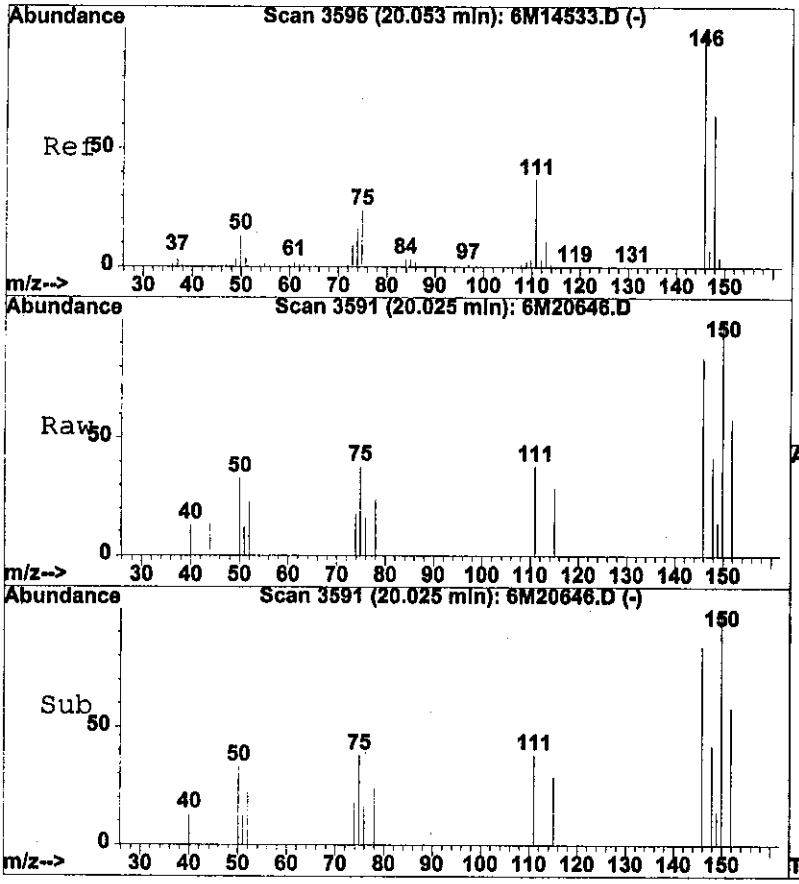


#79
1,3-Dichlorobenzene
Concen: 0.22 ug/kg
RT: 19.88 min Scan# 3564
Delta R.T. 0.01 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:146 Resp: 3251

Ion	Ratio	Lower	Upper
146	100		
111	31.0	32.6	48.8#

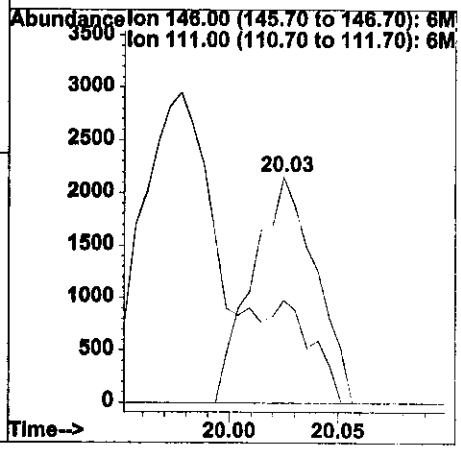


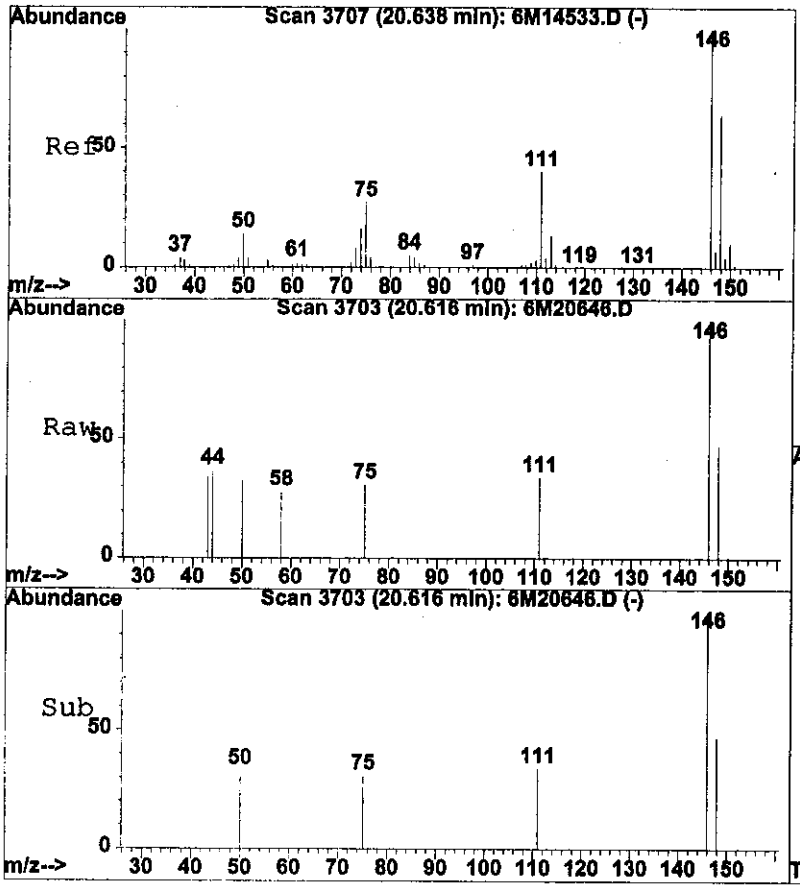


#80
1,4-Dichlorobenzene
Concen: 0.28 ug/kg
RT: 20.03 min Scan# 3591
Delta R.T. -0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:146 Resp: 4370

Ion	Ratio	Lower	Upper
146	100		
111	30.0	32.3	48.5#

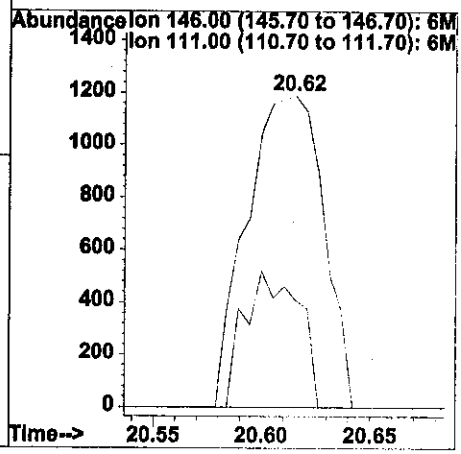


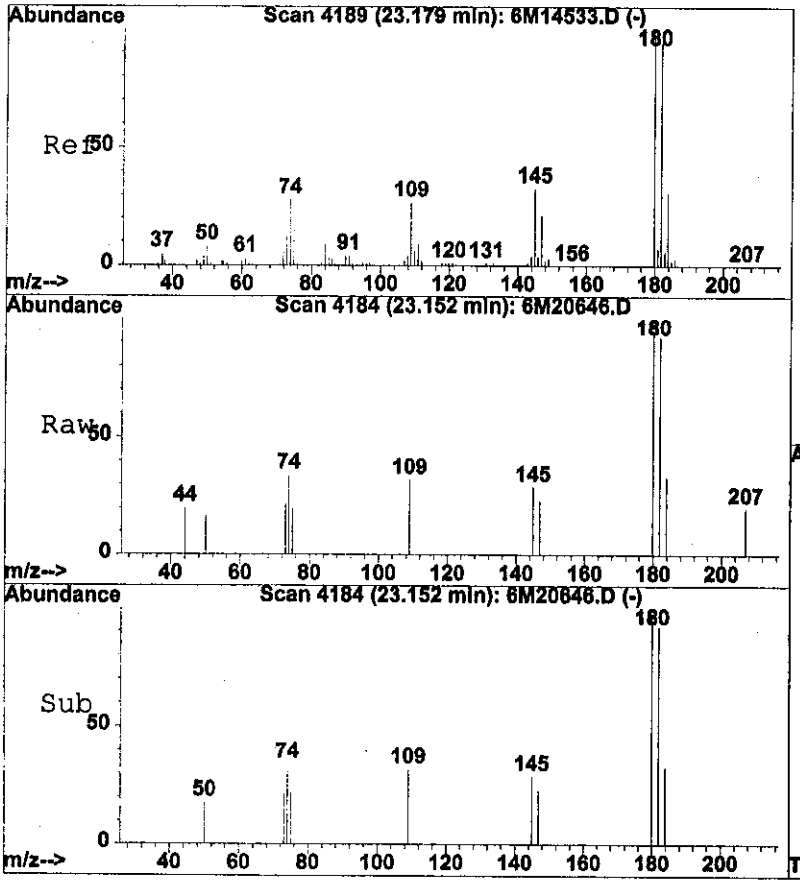


#82
1,2-Dichlorobenzene
Concen: 0.20 ug/kg
RT: 20.62 min Scan# 3703
Delta R.T. 0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:146 Resp: 2907

Ion	Ratio	Lower	Upper
146	100		
111	31.2	33.9	50.9#

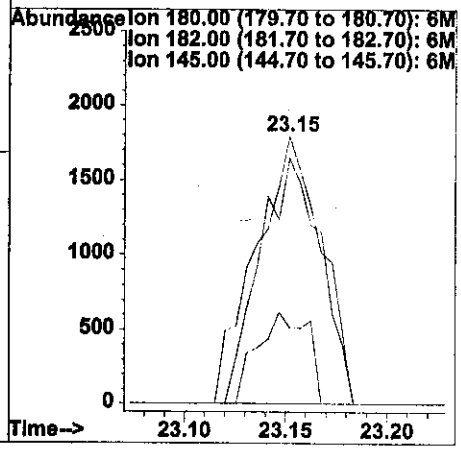


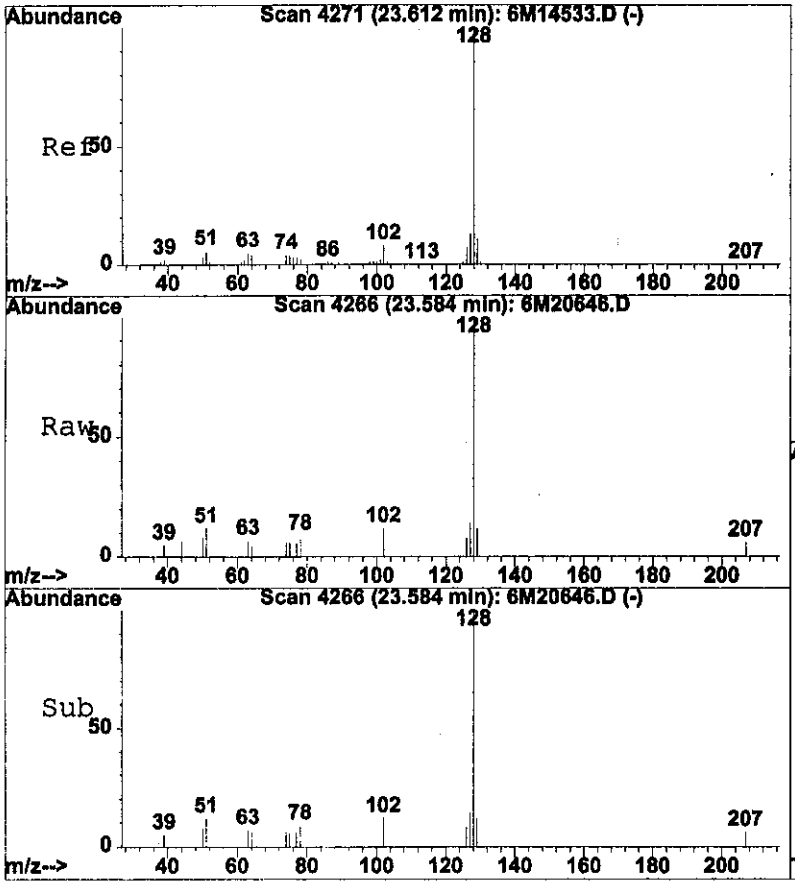


#84
1,2,4-Trichlorobenzene
Concen: 0.42 ug/kg
RT: 23.15 min Scan# 4184
Delta R.T. 0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:180 Resp: 4029

Ion	Ratio	Lower	Upper
180	100		
182	86.2	76.6	115.0
145	26.5	25.7	38.5

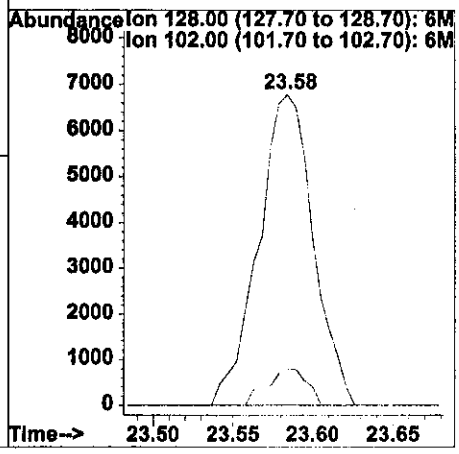


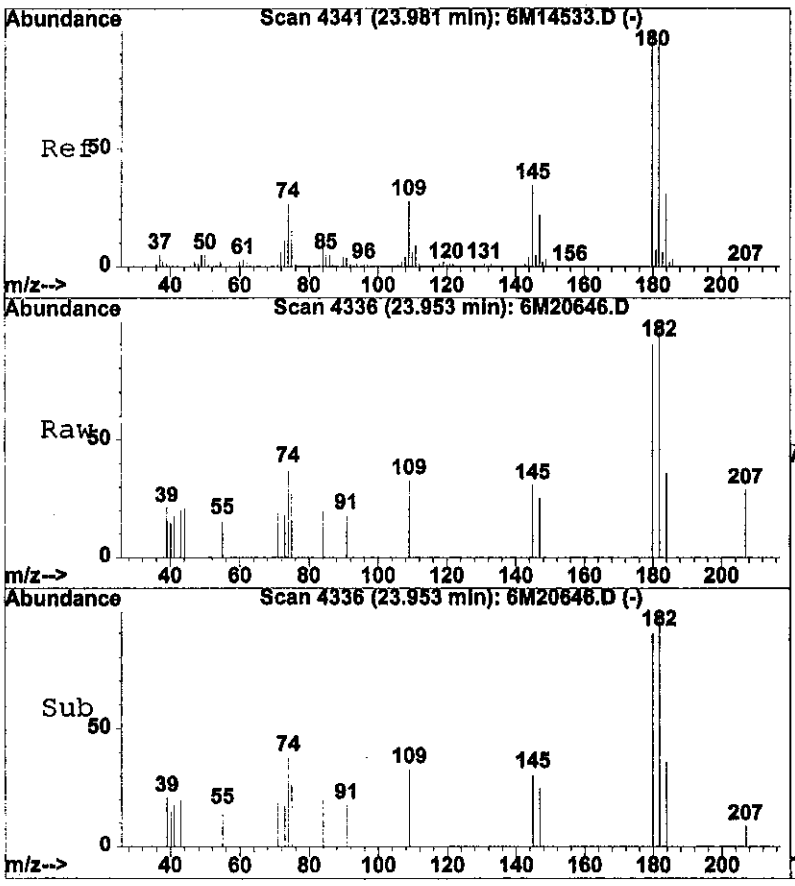


#86
Naphthalene
Concen: 0.68 ug/kg
RT: 23.58 min Scan# 4266
Delta R.T. -0.01 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:128 Resp: 16174

Ion	Ratio	Lower	Upper
128	100		
102	8.6	7.2	10.8

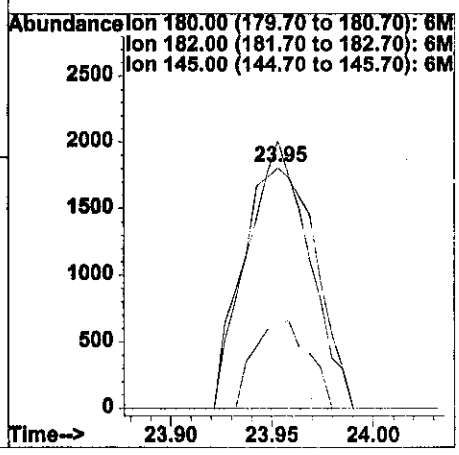




#87
1,2,3-Trichlorobenzene
Concen: 0.50 ug/kg
RT: 23.95 min Scan# 4336
Delta R.T. -0.00 min
Lab File: 6M20646.D
Acq: 19 Jun 2000 12:16

Tgt Ion:180 Resp: 4575

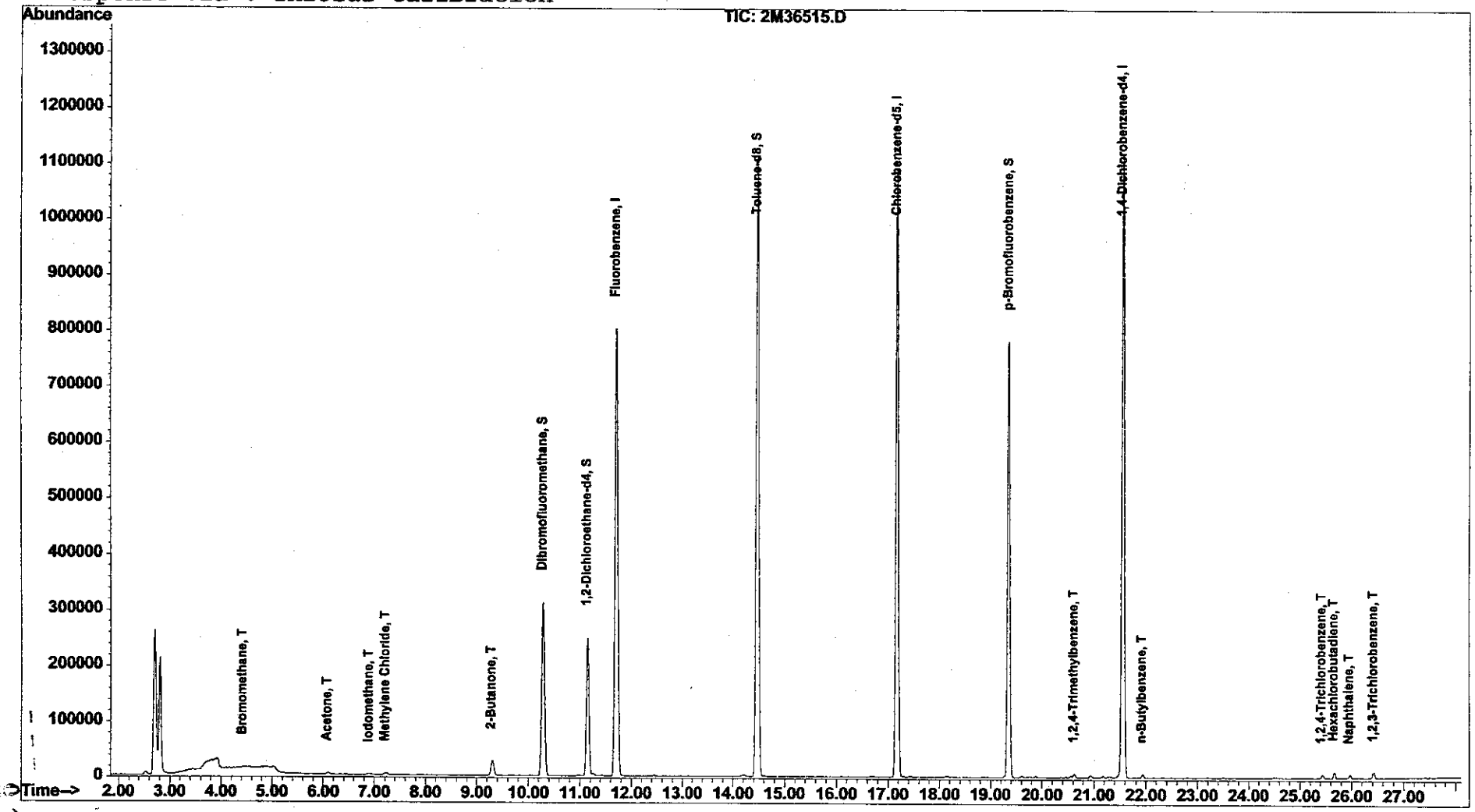
Ion	Ratio	Lower	Upper
180	100		
182	93.5	76.7	115.1
145	26.7	26.9	40.3#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36515.D Vial: 3
Acq On : 19 Jun 2000 11:14 Operator: CMS
Sample : WG79178-03 EXTRACT BLANK 100X M8260 5G/1 Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:43 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36515.D Vial: 3
Acq On : 19 Jun 2000 11:14 Operator: CMS
Sample : WG79178-03 EXTRACT BLANK 100X M8260 5G/1 Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:43 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
1) Fluorobenzene	11.71	96	1430637	25.00 UG/L	-0.05
44) Chlorobenzene-d5	17.17	117	1202556	25.00 UG/L	-0.05
64) 1,4-Dichlorobenzene-d4	21.55	152	611196	25.00 UG/L	-0.05
System Monitoring Compounds					
28) Dibromofluoromethane	10.29	111	370823	25.67 UG/L	-0.05
Spiked Amount 25.000	Range 86 - 118		Recovery = 102.68%		
33) 1,2-Dichloroethane-d4	11.15	65	305949	24.64 UG/L	-0.05
Spiked Amount 25.000	Range 80 - 120		Recovery = 98.56%		
45) Toluene-d8	14.47	98	1452589	23.68 UG/L	-0.05
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.72%		
66) p-Bromofluorobenzene	19.34	95	600876	23.60 UG/L	-0.05
Spiked Amount 25.000	Range 86 - 115		Recovery = 94.40%		
Target Compounds					Qvalue
3) Chloromethane	3.42	50	1150	9.93 UG/L #	41
5) Bromomethane	4.42	94	6408	101.96 UG/L #J	44
11) Acetone	6.10	43	9119	639.87 UG/L #J	83
14) Iodomethane	6.90	142	8922	74.93 UG/L #J	79
15) Methylene Chloride	7.22	84	4437	31.96 UG/L	93
16) Carbon Disulfide	7.23	76	1407	2.61 UG/L #	74
20) n-Hexane	7.90	57	1232	6.99 UG/L #	54
23) 2-Butanone	9.31	43	73568	2352.60 UG/L J	92
34) 1,2-Dichloroethane	11.31	62	1690	10.15 UG/L #	77
35) Benzene	11.36	78	1645	2.30 UG/L #	59
46) Toluene	14.59	91	2141	2.58 ug/L #	20
55) 1-Chlorohexane	16.68	91	1099	3.75 UG/L #	15
56) Chlorobenzene	17.25	112	1220	2.47 UG/L #	19
59) m-,p-Xylene	17.42	106	1905	6.07 UG/L	78
61) Styrene	18.29	104	1105	2.04 UG/L #	31
63) Isopropylbenzene	18.86	105	3257	4.09 ug/L #	52
69) n-Propylbenzene	19.60	91	6596	5.84 UG/L #	62
71) 1,3,5-Trimethylbenzene	19.89	105	5794	8.38 UG/L	99
72) 2-Chlorotoluene	19.98	91	2510	3.56 UG/L #	52
73) 4-Chlorotoluene	20.05	91	2712	4.02 UG/L #	53
75) tert-Butylbenzene	20.55	119	3625	5.58 UG/L #	49
76) 1,2,4-Trimethylbenzene	20.63	105	10869	15.71 UG/L	99
77) sec-Butylbenzene	20.94	105	8797	10.77 UG/L #	83
78) p-Isopropyltoluene	21.18	119	6762	10.33 UG/L #	81
79) 1,3-Dichlorobenzene	21.42	146	1722	4.37 UG/L #	41
80) 1,4-Dichlorobenzene	21.62	146	2131	5.38 UG/L #	42

(#) = qualifier out of range (m) = manual integration

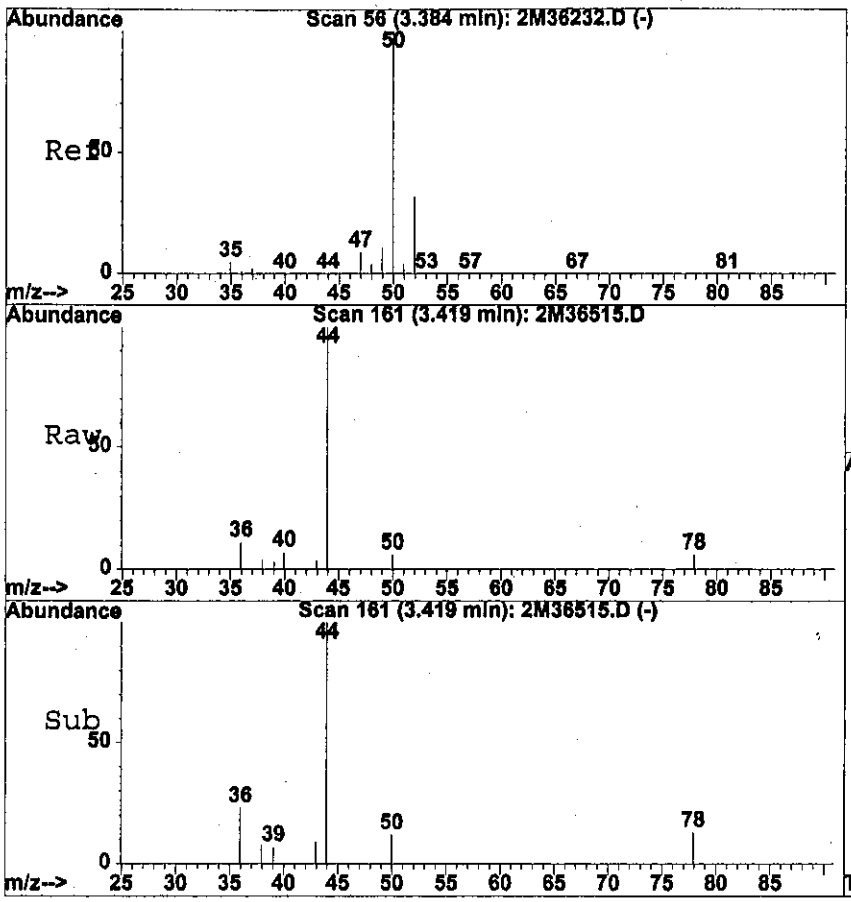
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36515.D Vial: 3
Acq On : 19 Jun 2000 11:14 Operator: CMS
Sample : WG79178-03 EXTRACT BLANK 100X M8260 5G/1 Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 11:43 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
81) n-Butylbenzene	21.95	91	10870	17.19 UG/L	100
82) 1,2-Dichlorobenzene	22.33	146	1679	4.99 UG/L #	39
84) 1,2,4-Trichlorobenzene	25.44	180	5897	37.57 UG/L	89
85) Hexachlorobutadiene	25.67	225	5774	85.10 UG/L #J	87
86) Naphthalene	25.97	128	13513	54.21 UG/L #	76
87) 1,2,3-Trichlorobenzene	26.42	180	8252	68.92 UG/LJ	97

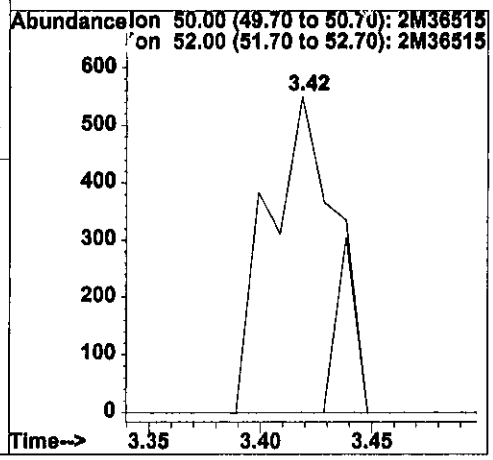
(#) = qualifier out of range (m) = manual integration
2M36515.D M8260WTR.M Mon Jun 19 11:43:38 2000 HPMS2 Page 919

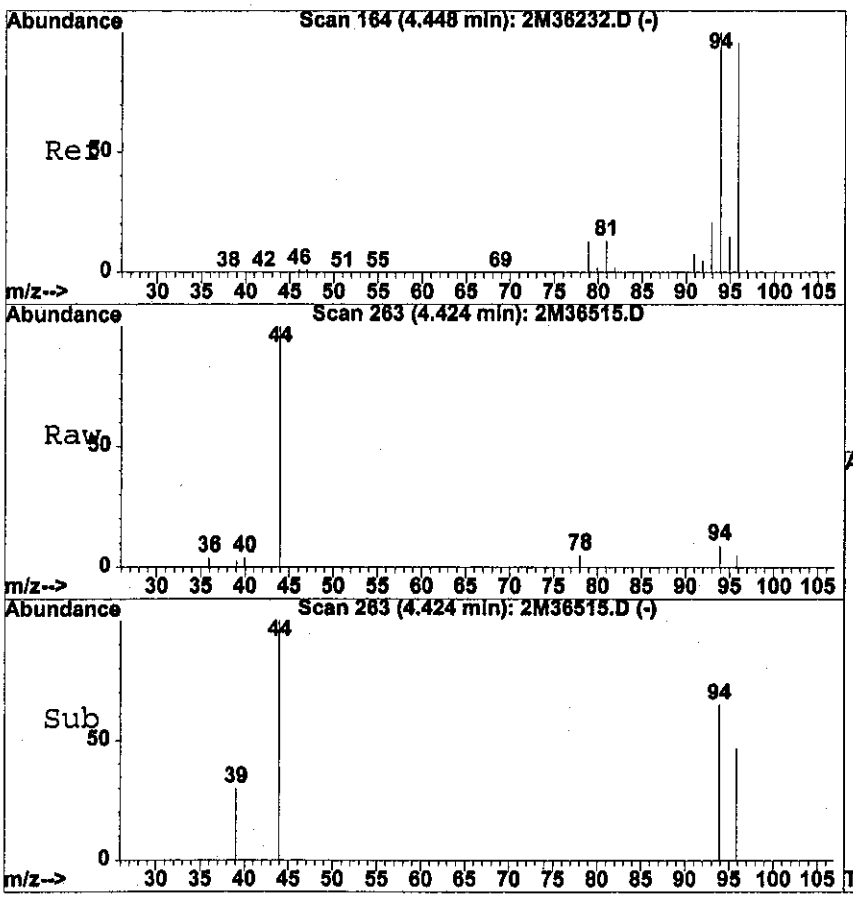


#3
Chloromethane
Concen: 9.93 UG/L
RT: 3.42 min Scan# 161
Delta R.T. -0.03 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 50 Resp: 1150

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.9	40.3#

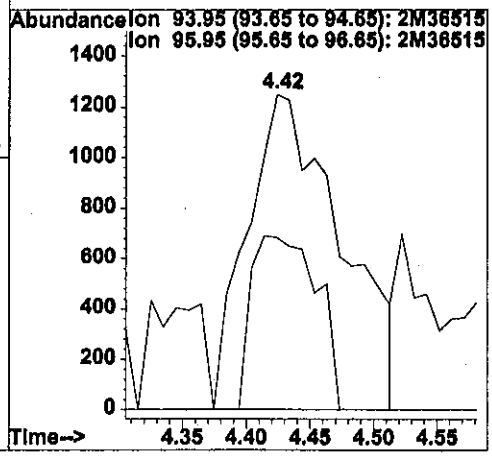


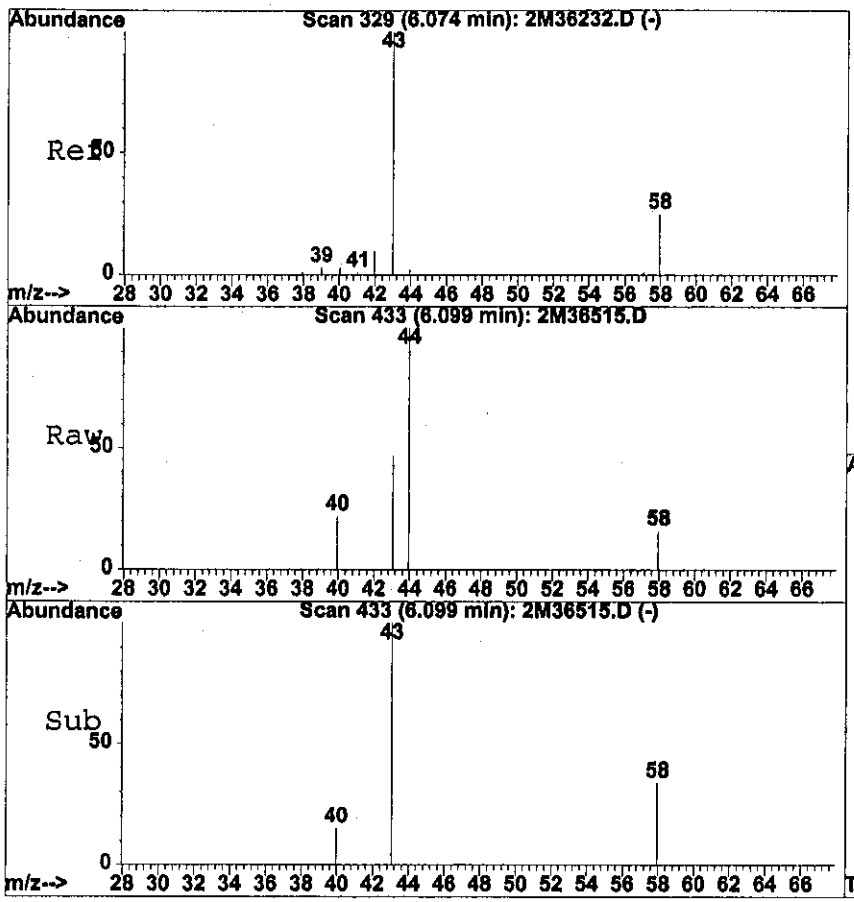


#5
Bromomethane
Concen: 101.96 UG/L
RT: 4.42 min Scan# 263
Delta R.T. -0.08 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 94 Resp: 6408

Ion	Ratio	Lower	Upper
94	100		
96	38.6	73.7	110.5#

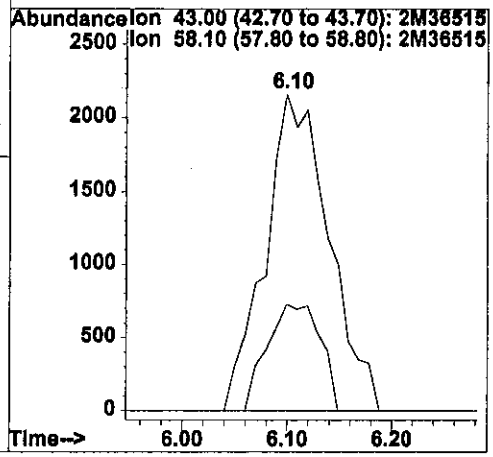


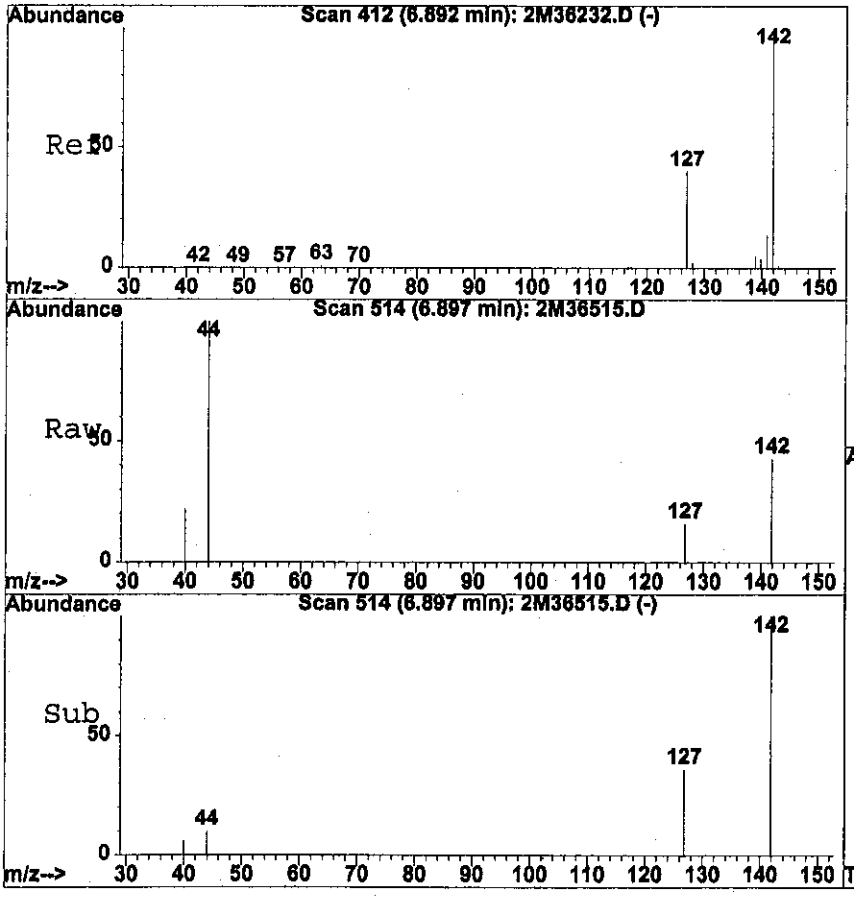


#11
Acetone
Concen: 639.87 UG/L
RT: 6.10 min Scan# 433
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 43 Resp: 9119

Ion	Ratio	Lower	Upper
43	100		
58	28.3	16.3	24.5#

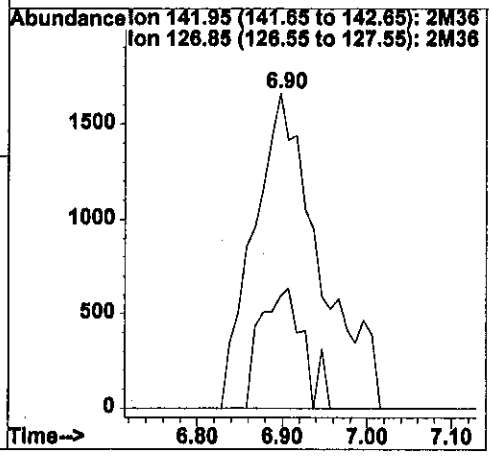


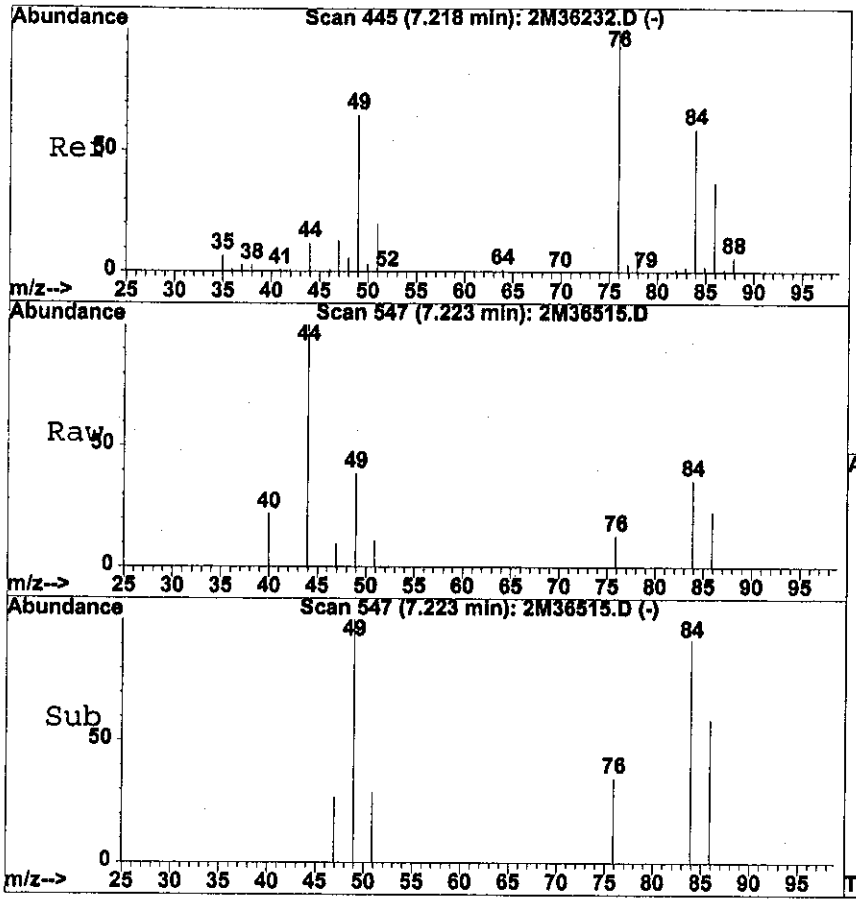


#14
Iodomethane
Concen: 74.93 UG/L
RT: 6.90 min Scan# 514
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:142 Resp: 8922

Ion	Ratio	Lower	Upper
142	100		
127	25.2	30.4	45.6#

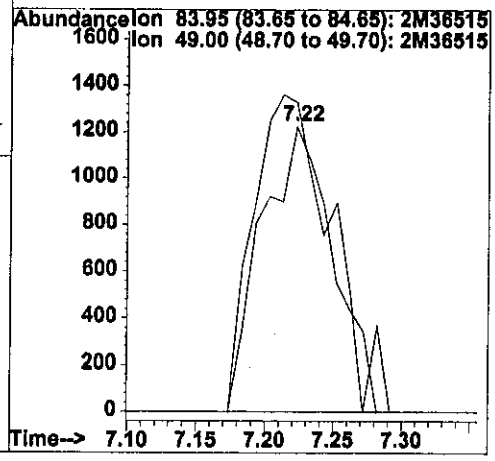


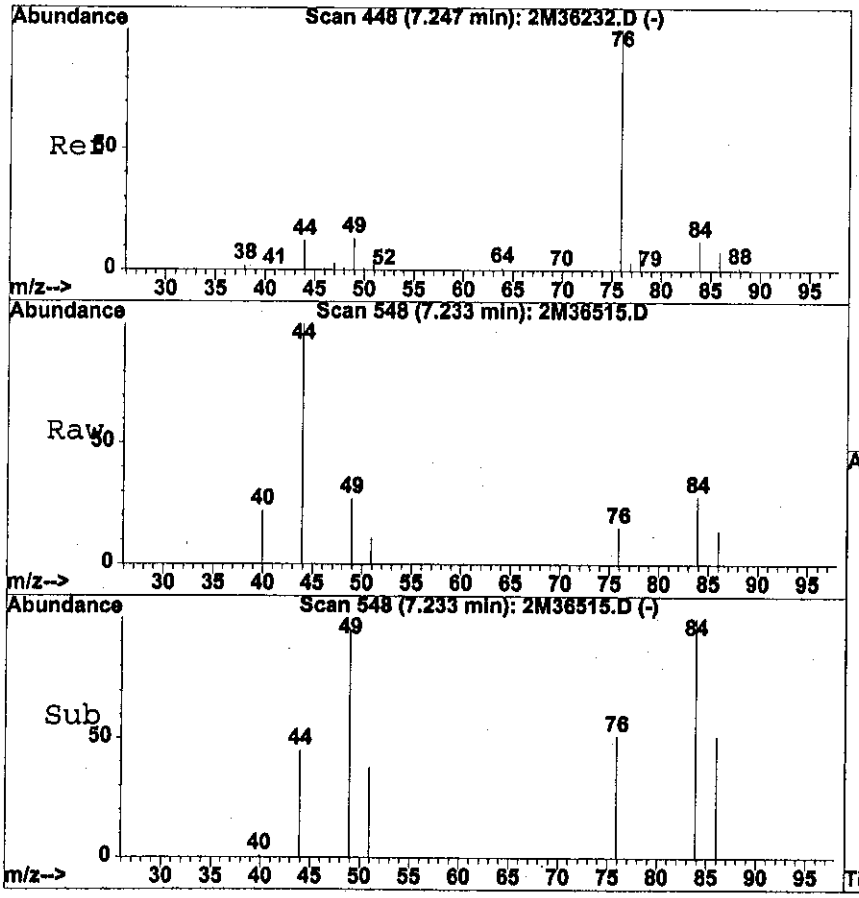


#15
Methylene Chloride
Concen: 31.96 UG/L
RT: 7.22 min Scan# 547
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 84 Resp: 4437

Ion	Ratio	Lower	Upper
84	100		
49	120.2	102.2	153.4

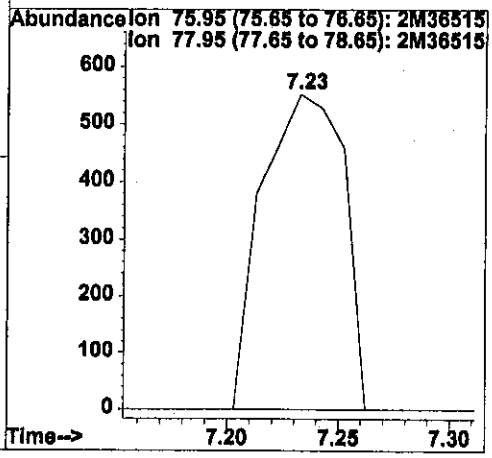


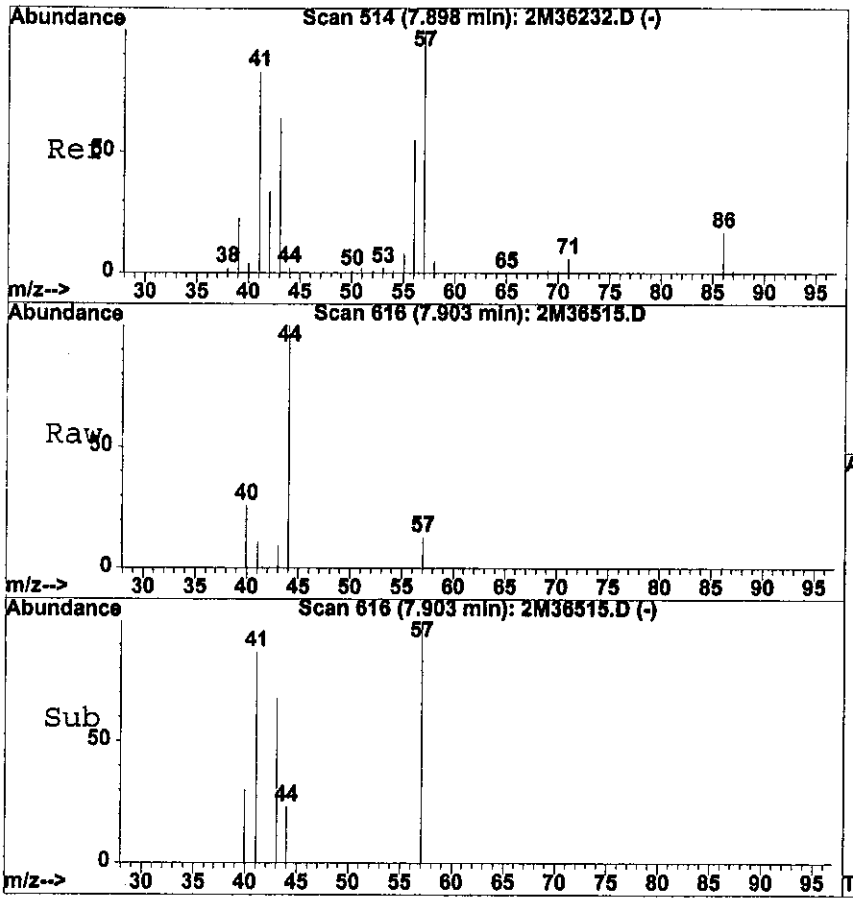


#16
Carbon Disulfide
Concen: 2.61 UG/L
RT: 7.23 min Scan# 548
Delta R.T. -0.07 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 76 Resp: 1407

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.6	11.4#

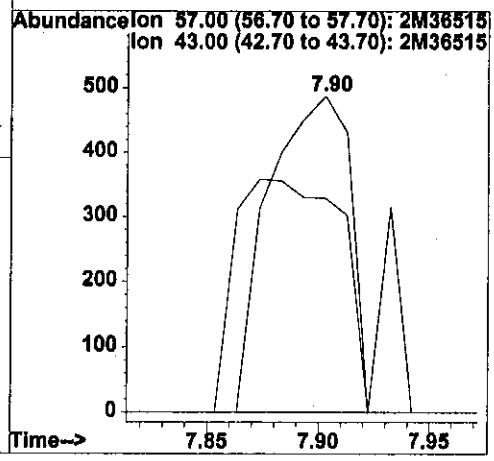


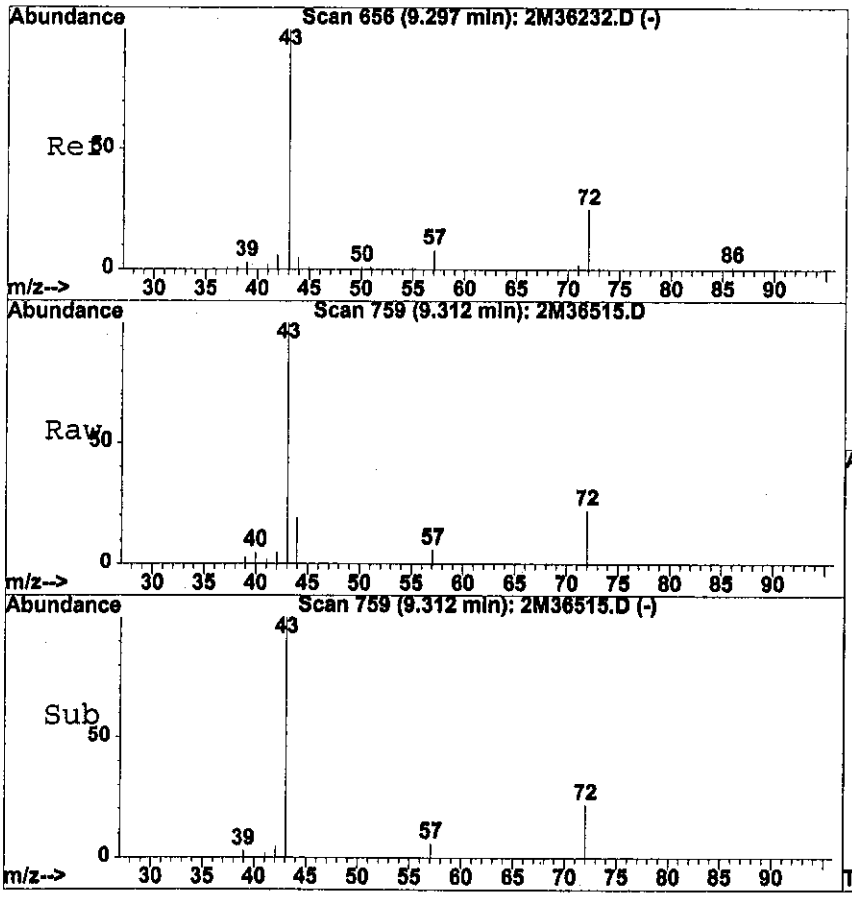


#20
n-Hexane
Concen: 6.99 UG/L
RT: 7.90 min Scan# 616
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 57 Resp: 1232

Ion	Ratio	Lower	Upper
57	100		
43	110.6	57.9	86.9#

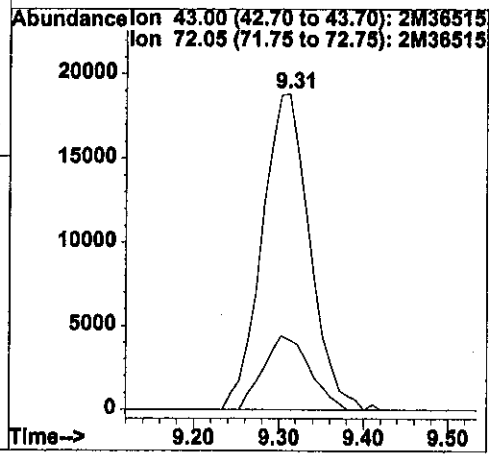


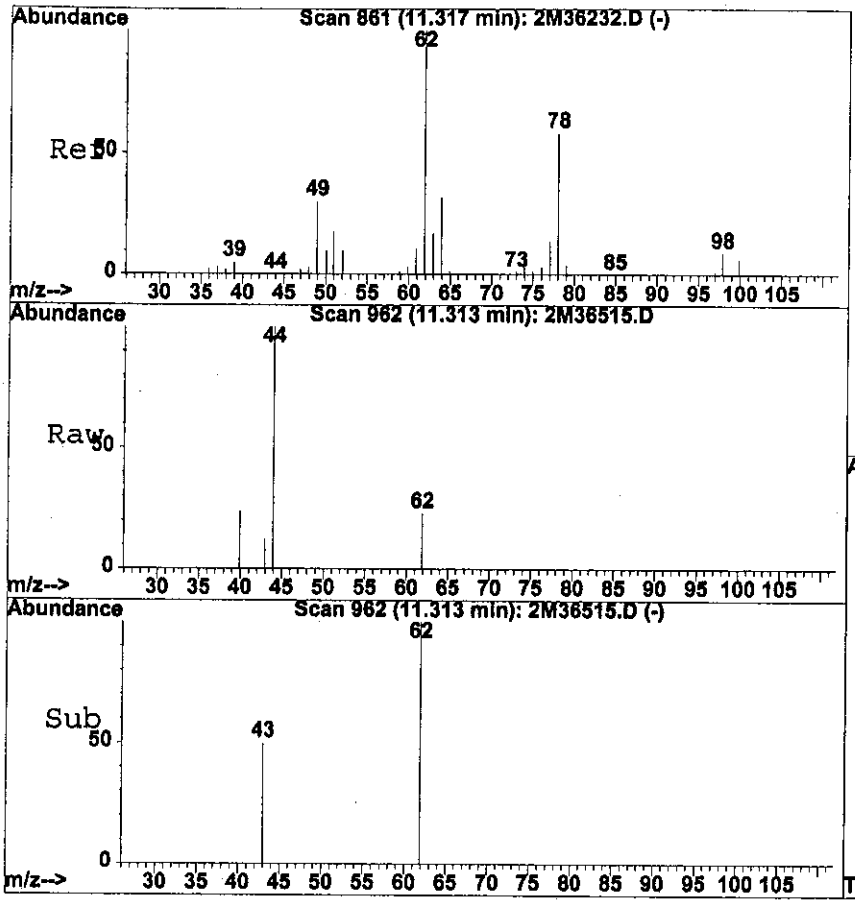


#23
2-Butanone
Concen: 2352.60 UG/L
RT: 9.31 min Scan# 759
Delta R.T. -0.03 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 43 Resp: 73568

Ion	Ratio	Lower	Upper
43	100		
72	22.7	15.3	22.9

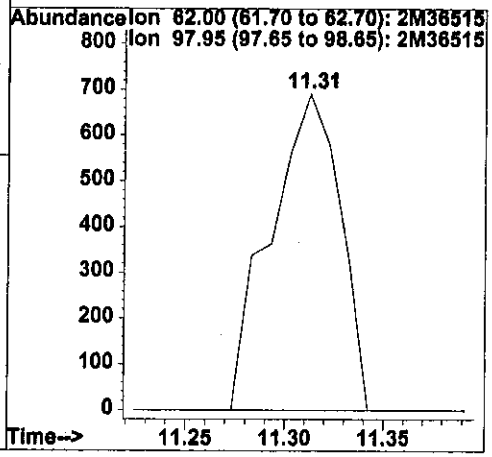


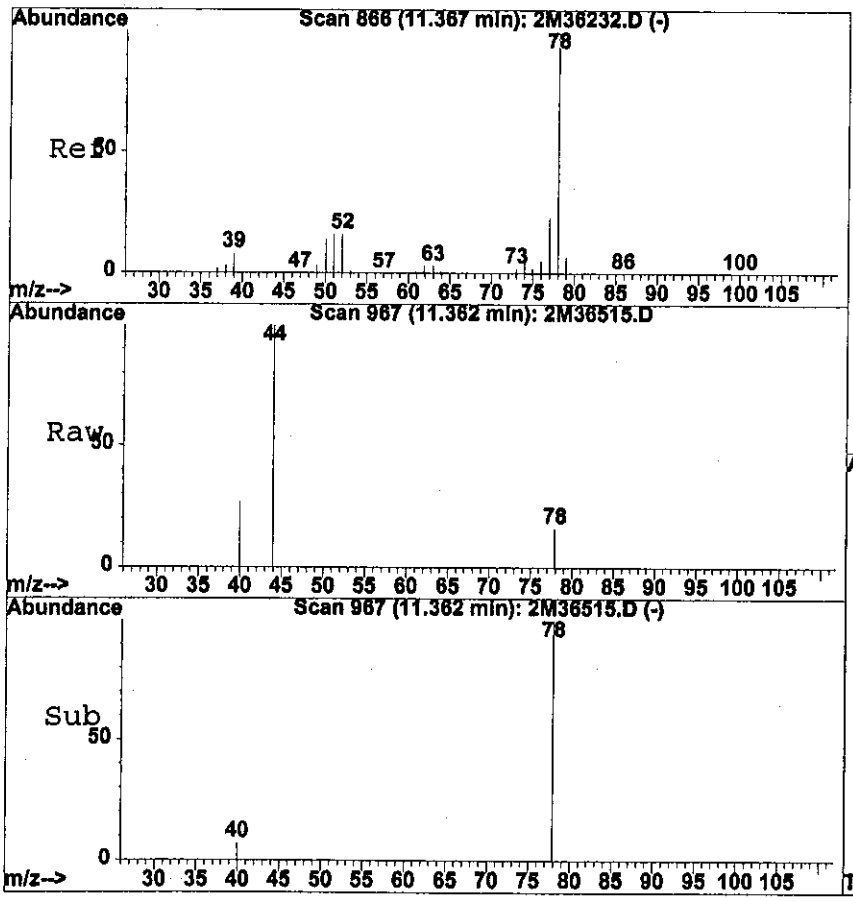


#34
1,2-Dichloroethane
Concen: 10.15 UG/L
RT: 11.31 min Scan# 962
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 62 Resp: 1690

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

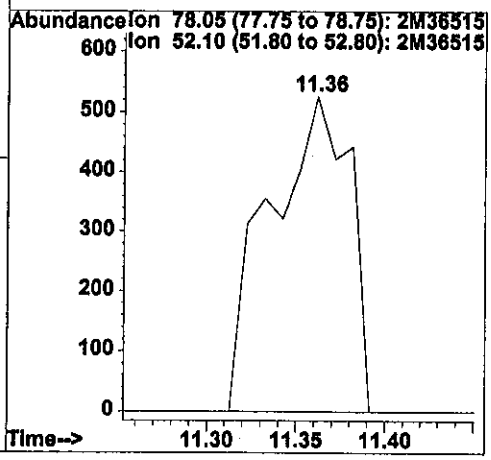


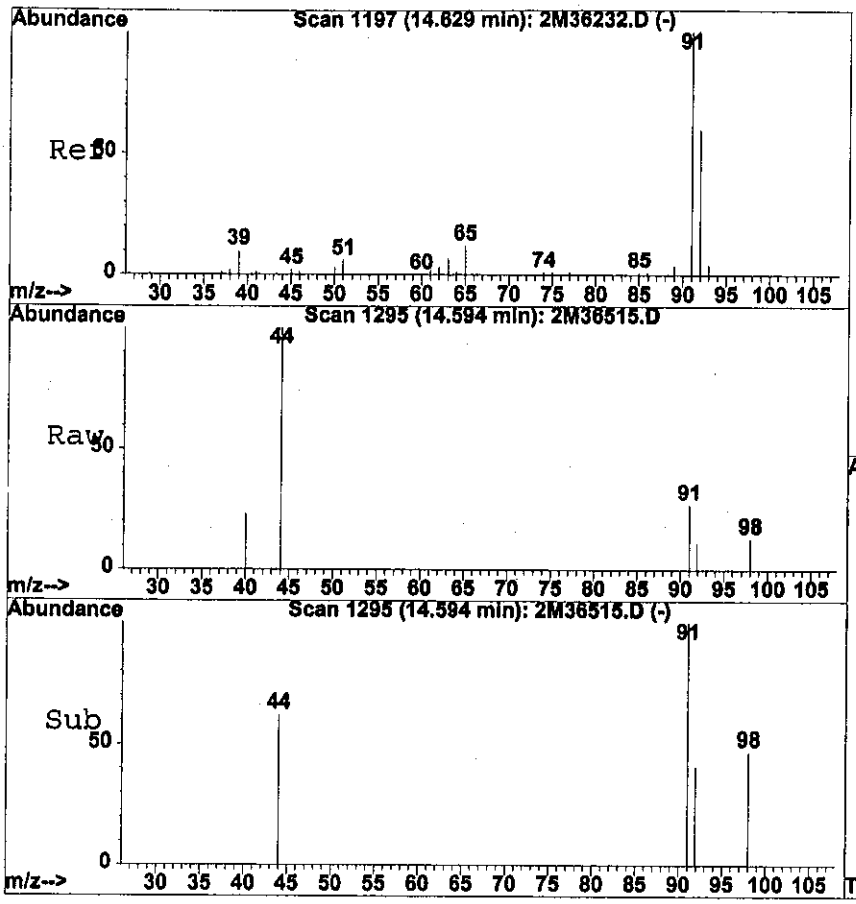


#35
Benzene
Concen: 2.30 UG/L
RT: 11.36 min Scan# 967
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 78 Resp: 1645

Ion	Ratio	Lower	Upper
78	100		
52	0.0	14.8	22.2#

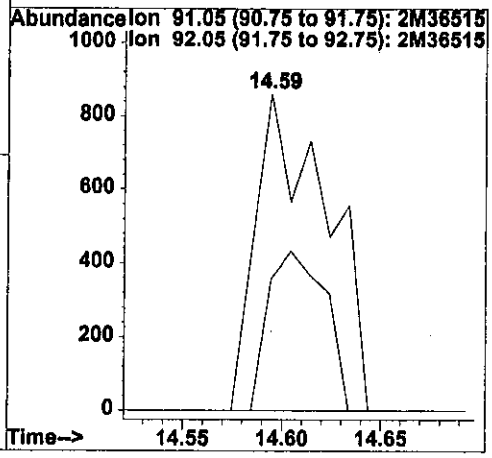


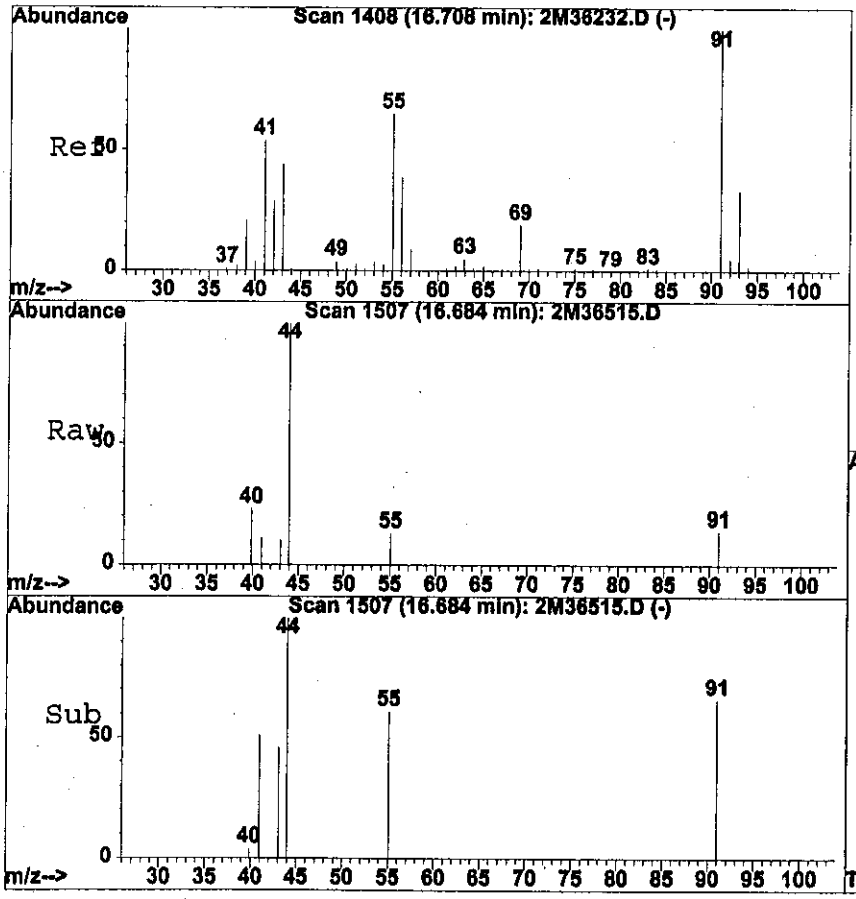


#46
Toluene
Concen: 2.58 ug/L
RT: 14.59 min Scan# 1295
Delta R.T. -0.07 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 2141

Ion	Ratio	Lower	Upper
91	100		
92	0.0	48.3	72.5#

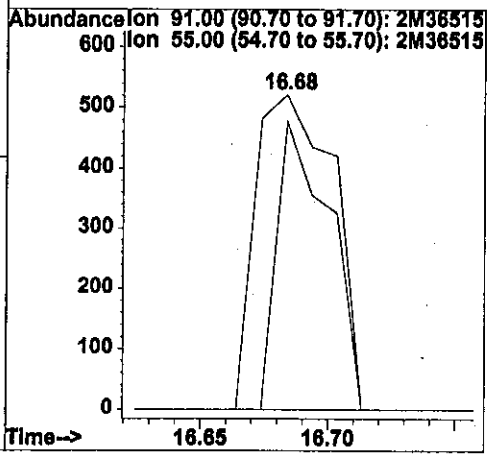


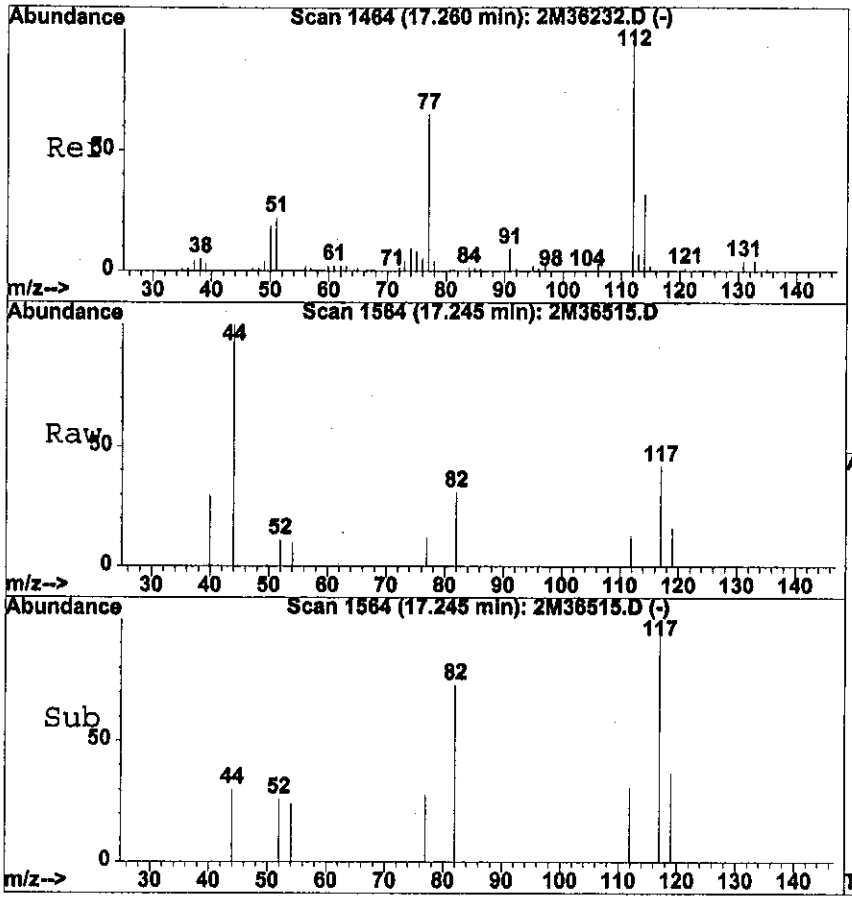


#55
1-Chlorohexane
Concen: 3.75 UG/L
RT: 16.68 min Scan# 1507
Delta R.T. -0.06 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 1099

Ion	Ratio	Lower	Upper
91	100		
55	0.0	56.2	84.2#

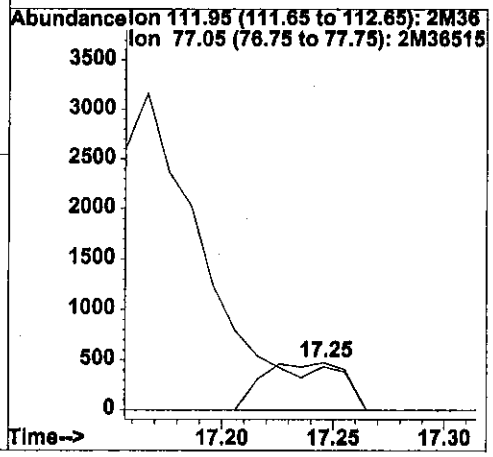


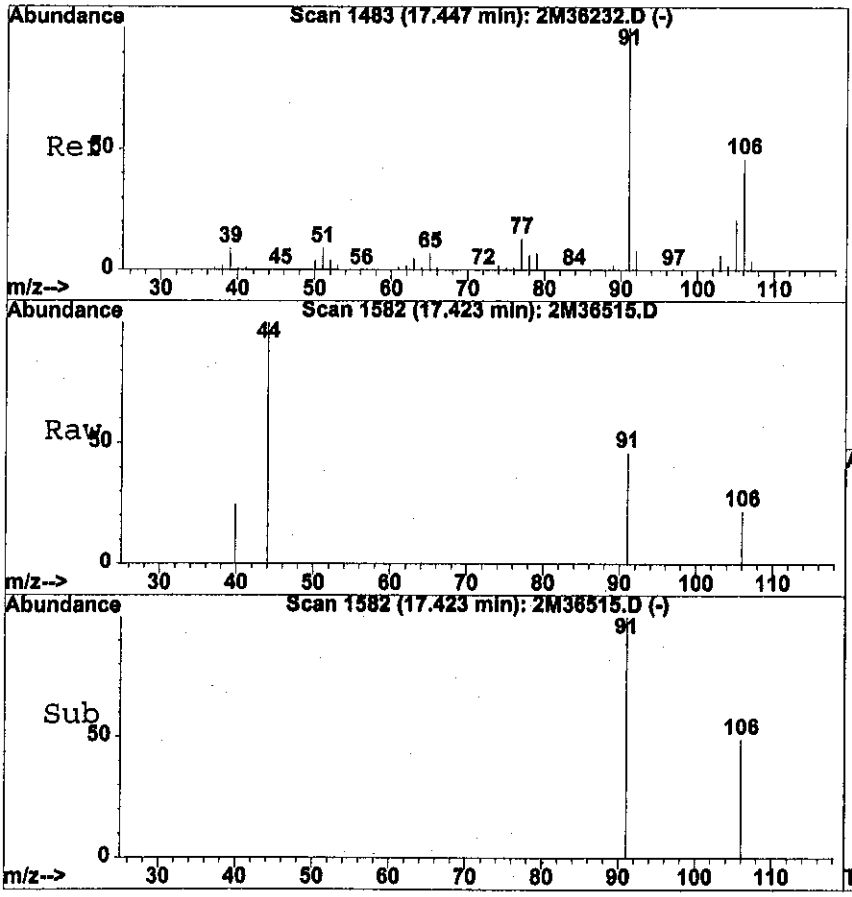


#56
Chlorobenzene
Concen: 2.47 UG/L
RT: 17.25 min Scan# 1564
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:112 Resp: 1220

Ion	Ratio	Lower	Upper
112	100		
77	0.0	50.7	76.1#

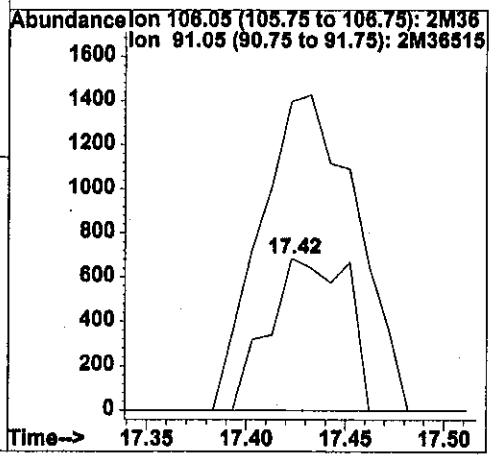


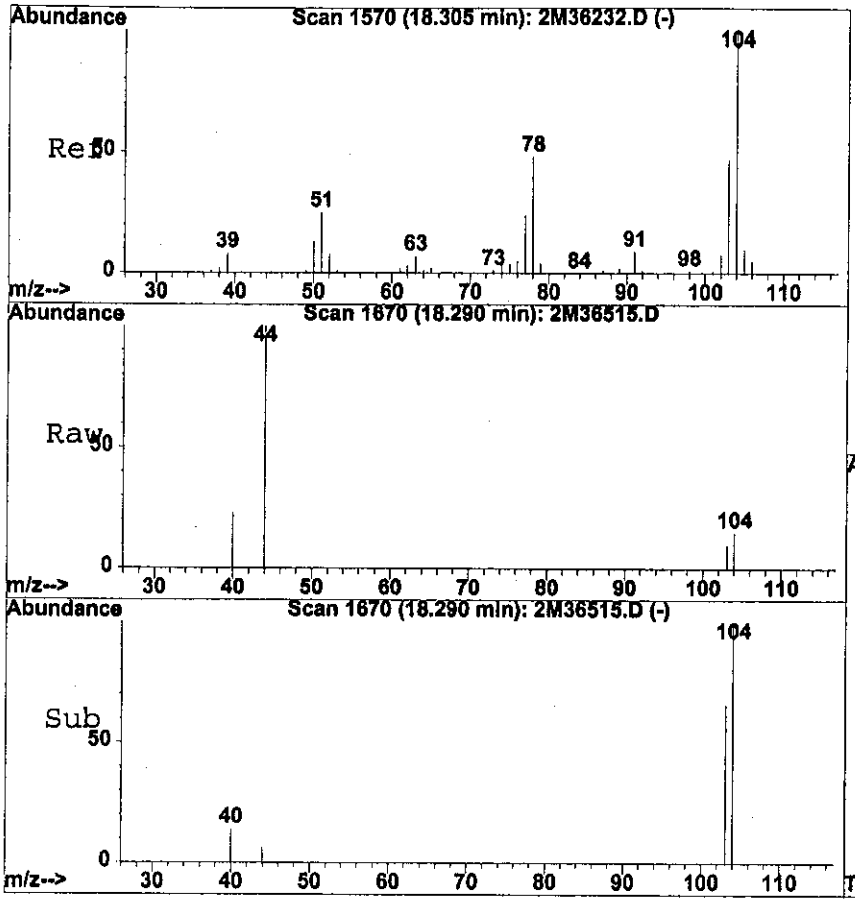


#59
m-,p-Xylene
Concen: 6.07 UG/L
RT: 17.42 min Scan# 1582
Delta R.T. -0.06 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:106 Resp: 1905

Ion	Ratio	Lower	Upper
106	100		
91	252.2	173.4	260.2

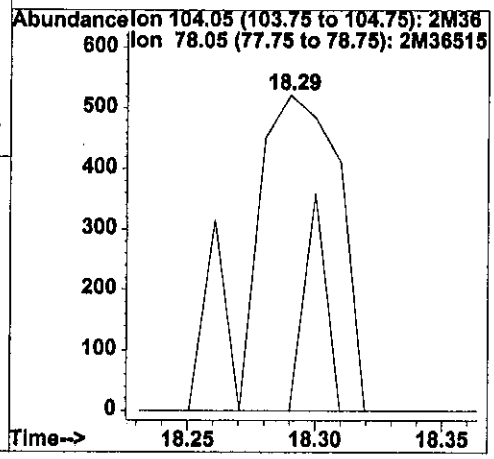


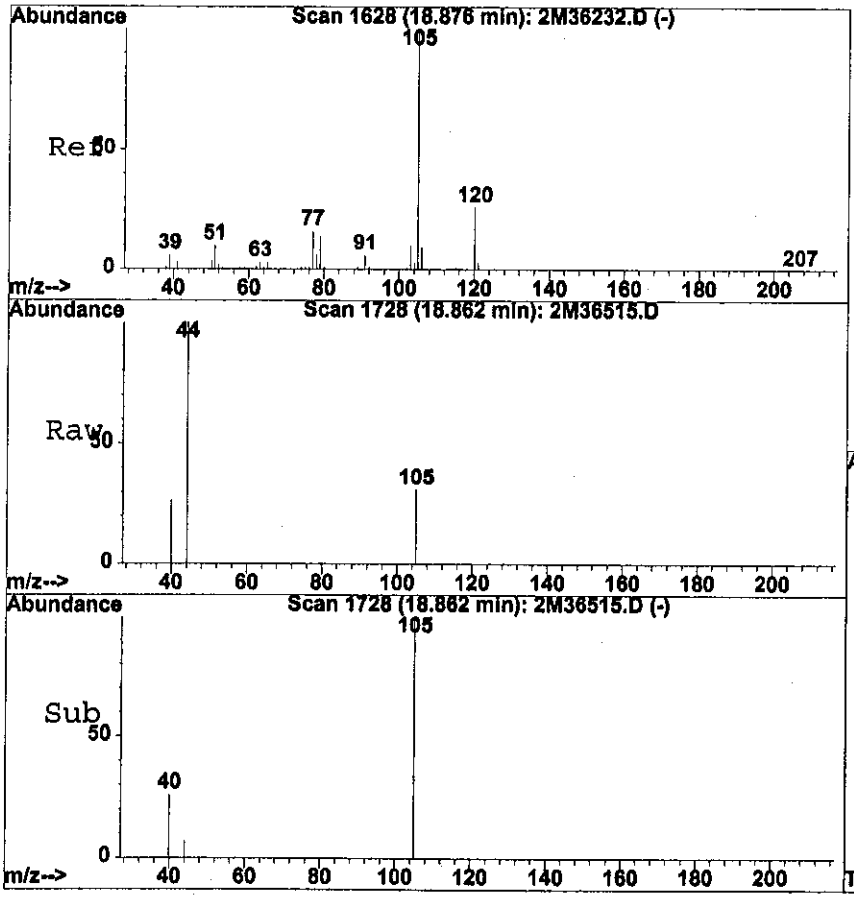


#61
Styrene
Concen: 2.04 UG/L
RT: 18.29 min Scan# 1670
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:104 Resp: 1105

Ion	Ratio	Lower	Upper
104	100		
78	0.0	36.0	54.0#

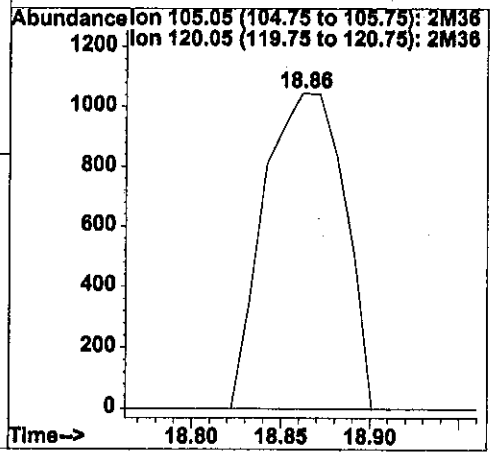


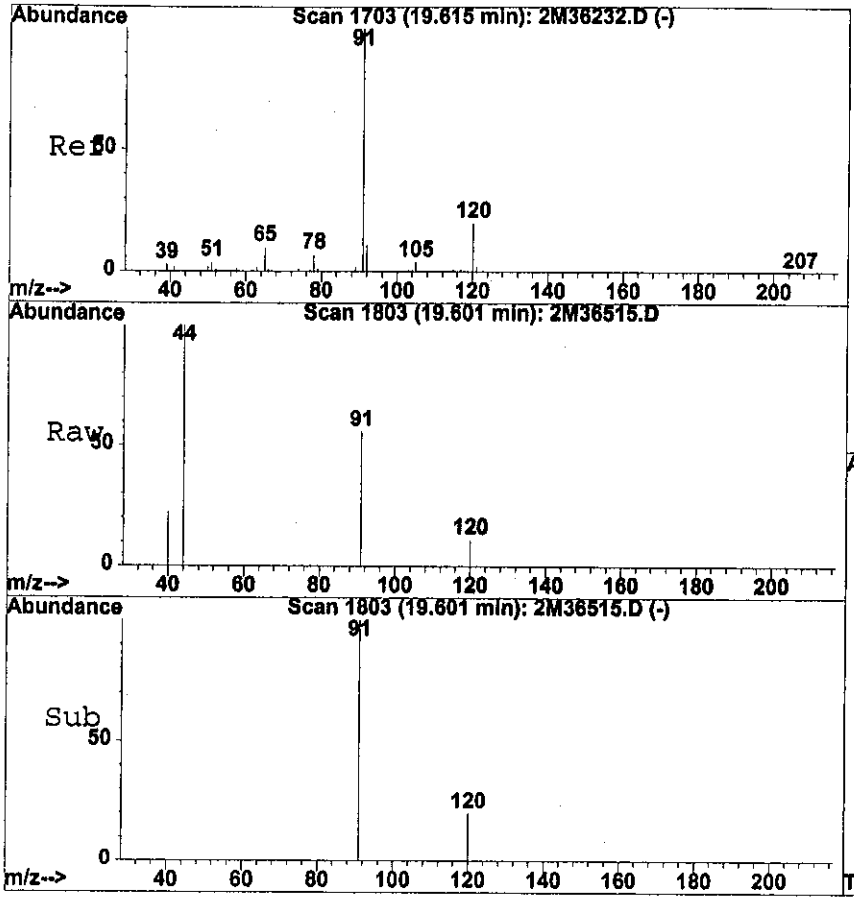


#63
Isopropylbenzene
Concen: 4.09 ug/L
RT: 18.86 min Scan# 1728
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:105 Resp: 3257

Ion	Ratio	Lower	Upper
105	100		
120	0.0	18.7	28.1#

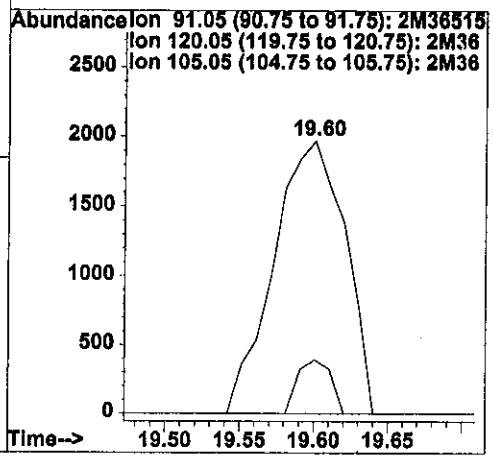


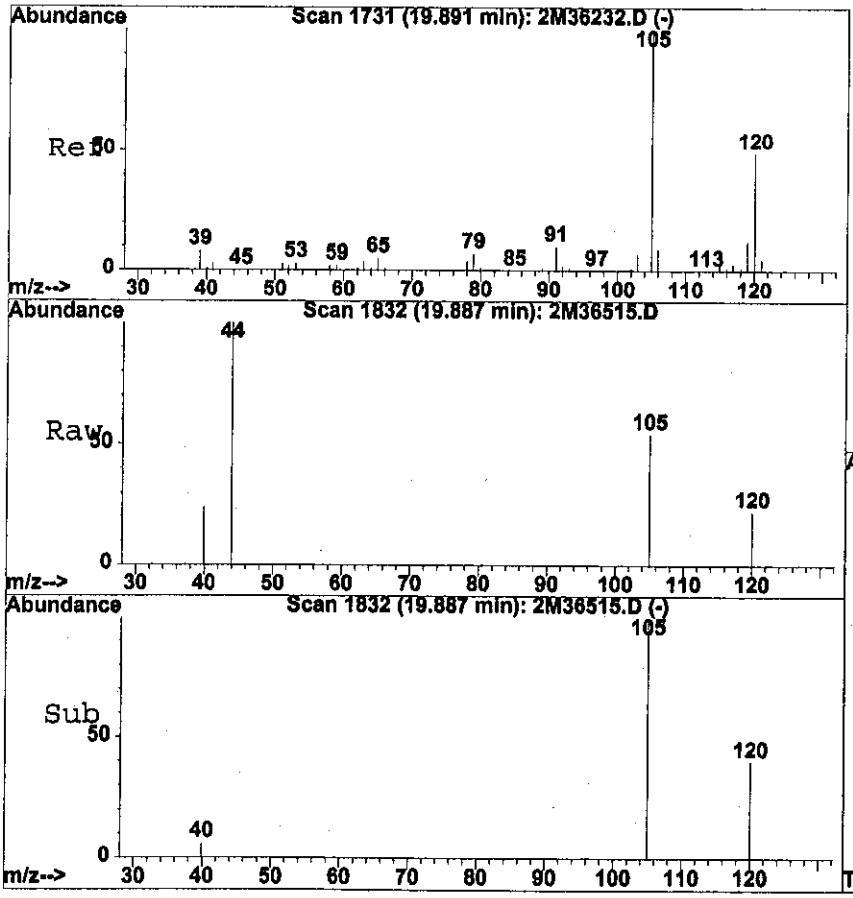


#69
n-Propylbenzene
Concen: 5.84 UG/L
RT: 19.60 min Scan# 1803
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 6596

Ion	Ratio	Lower	Upper
91	100		
120	0.0	15.5	23.3#
105	0.0	3.0	4.4#

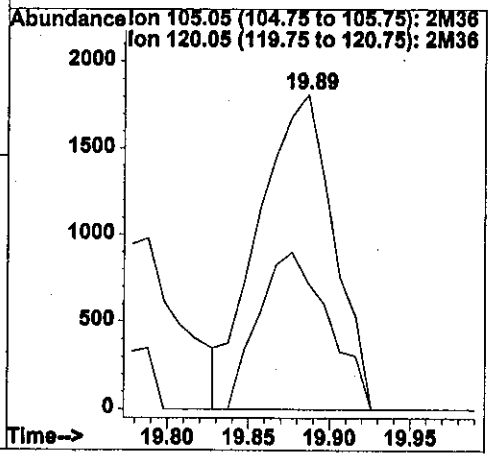


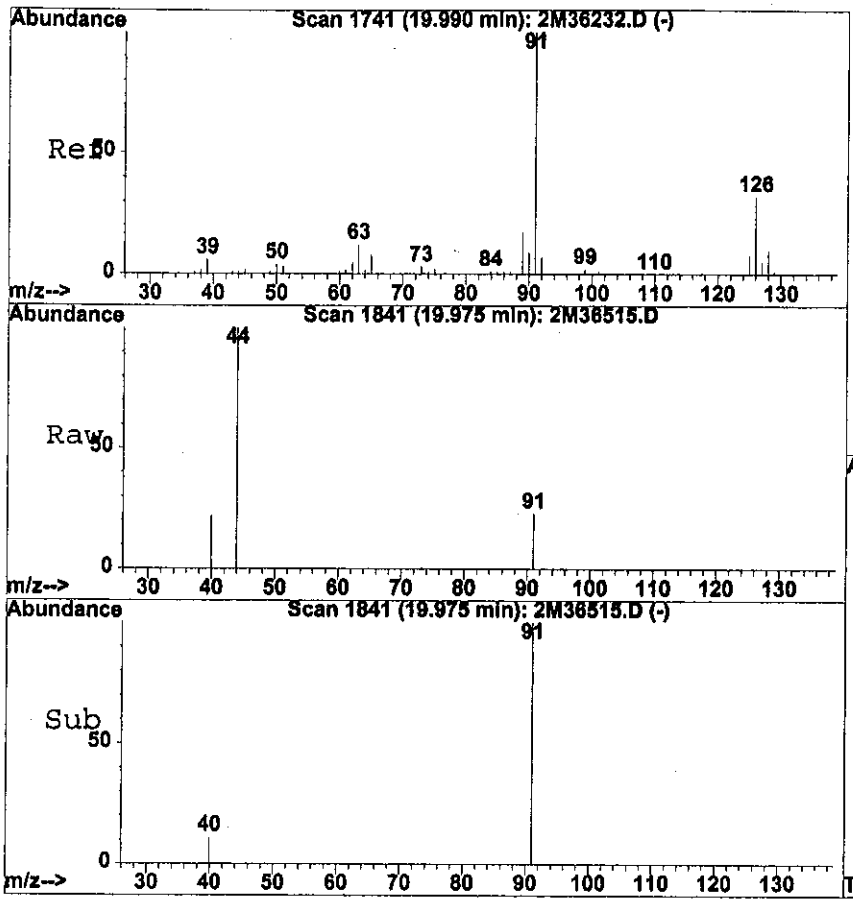


#71
1,3,5-Trimethylbenzene
Concen: 8.38 UG/L
RT: 19.89 min Scan# 1832
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:105 Resp: 5794

Ion	Ratio	Lower	Upper
105	100		
120	46.6	37.0	55.4

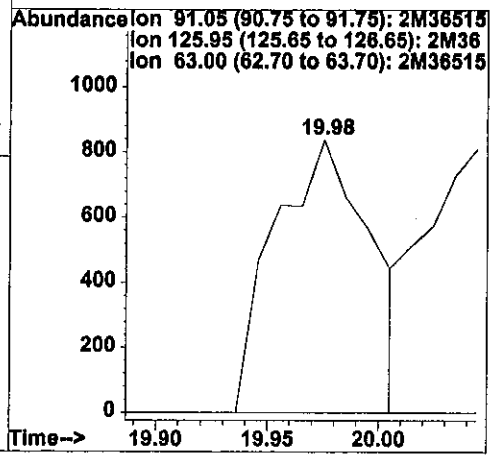


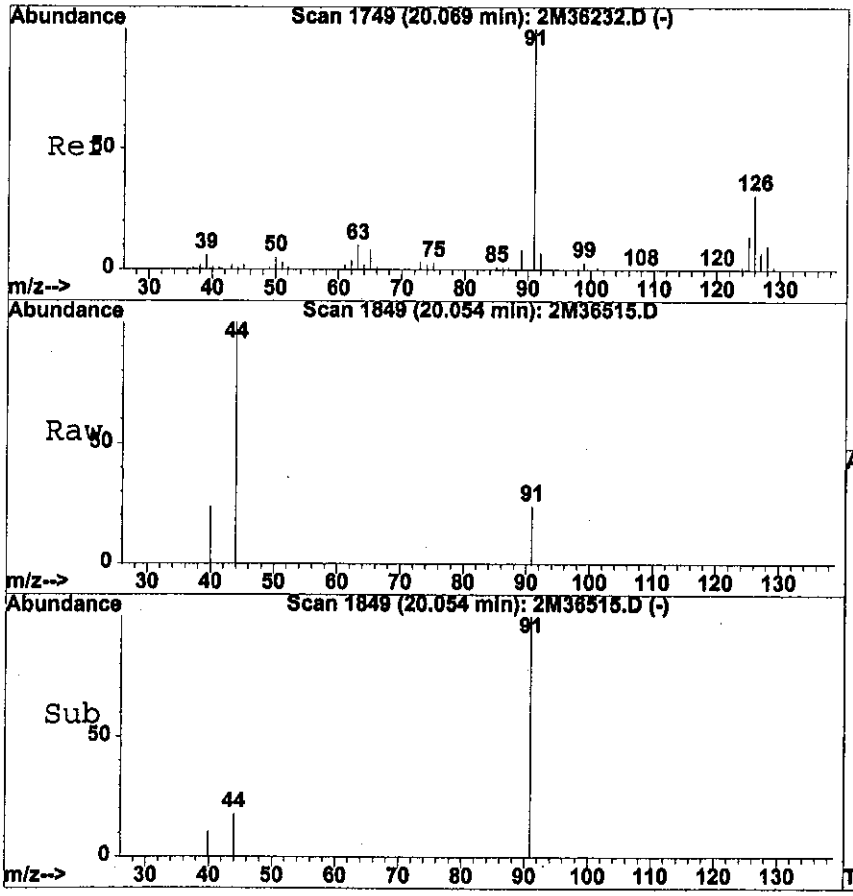


#72
2-Chlorotoluene
Concen: 3.56 UG/L
RT: 19.98 min Scan# 1841
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 2510

Ion	Ratio	Lower	Upper
91	100		
126	0.0	23.5	35.3#
63	0.0	10.7	16.1#

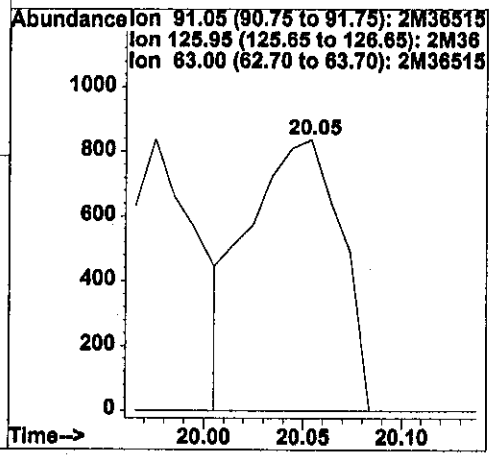


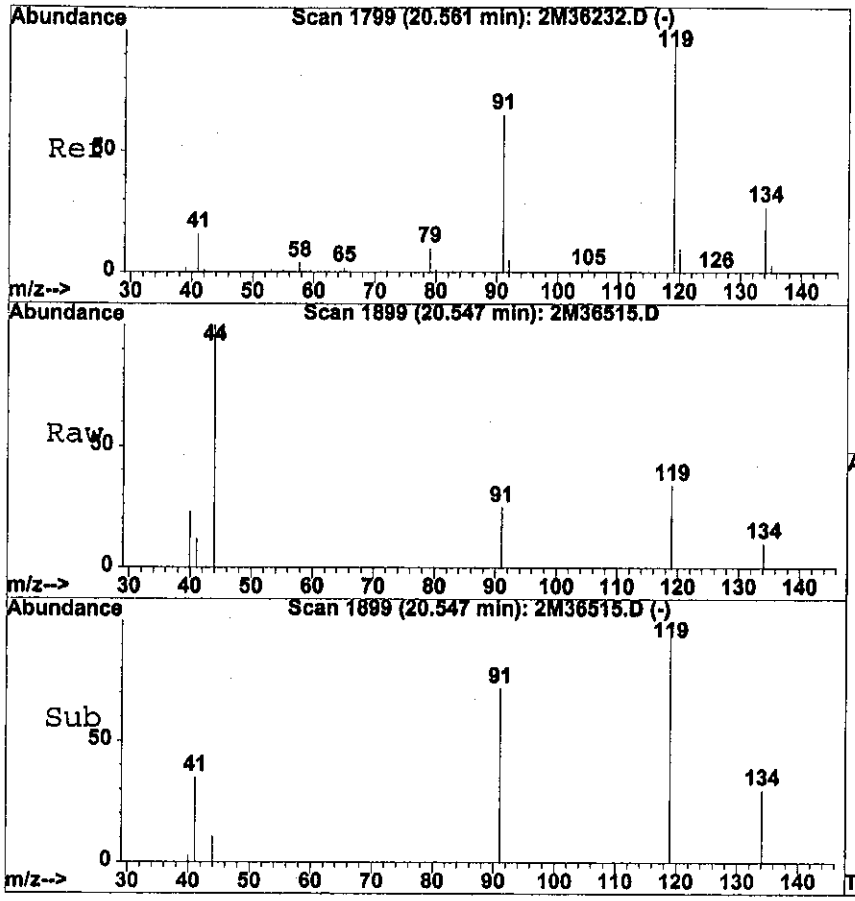


#73
4-Chlorotoluene
Concen: 4.02 UG/L
RT: 20.05 min Scan# 1849
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 2712

Ion	Ratio	Lower	Upper
91	100		
126	0.0	23.1	34.7#
63	0.0	9.2	13.8#

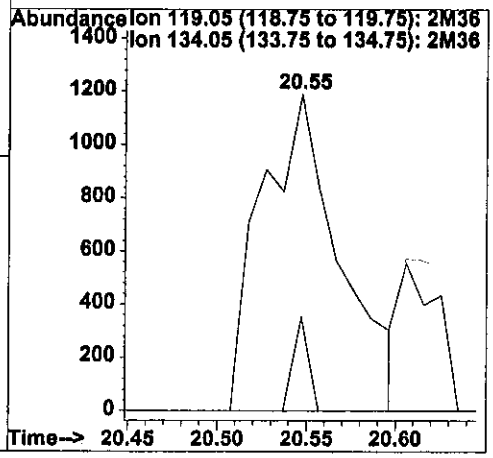


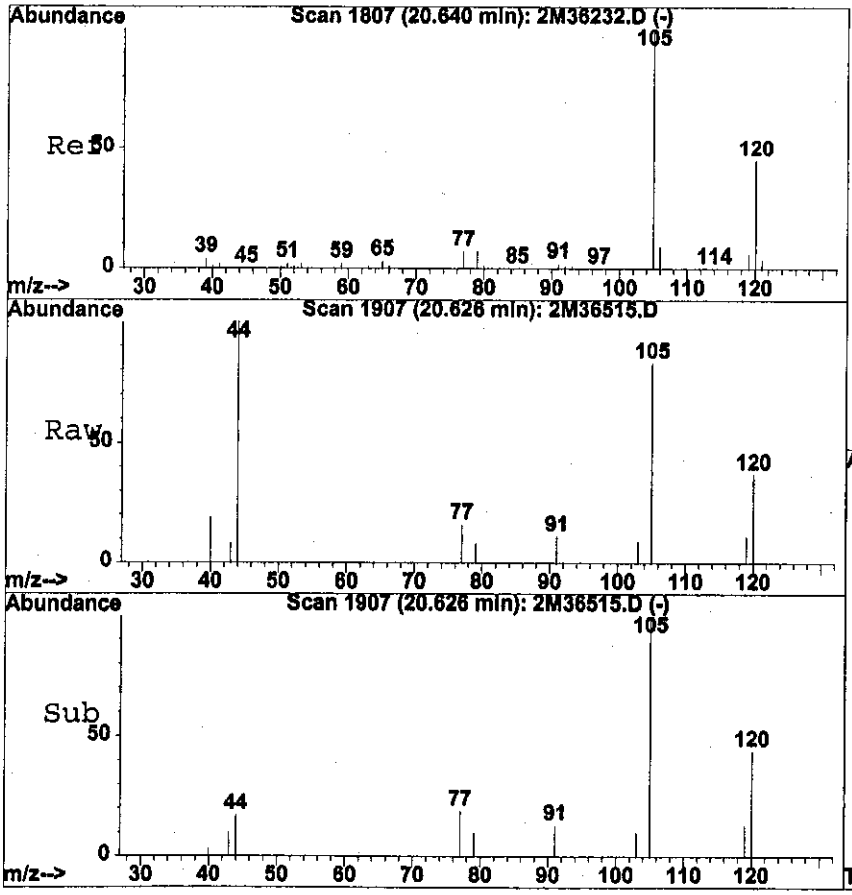


#75
tert-Butylbenzene
Concen: 5.58 UG/L
RT: 20.55 min Scan# 1899
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:119 Resp: 3625

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.7	31.1#

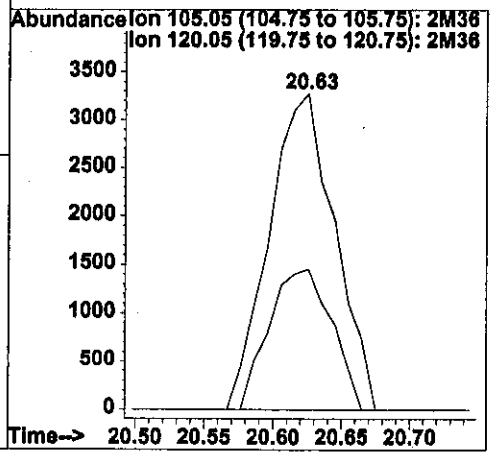


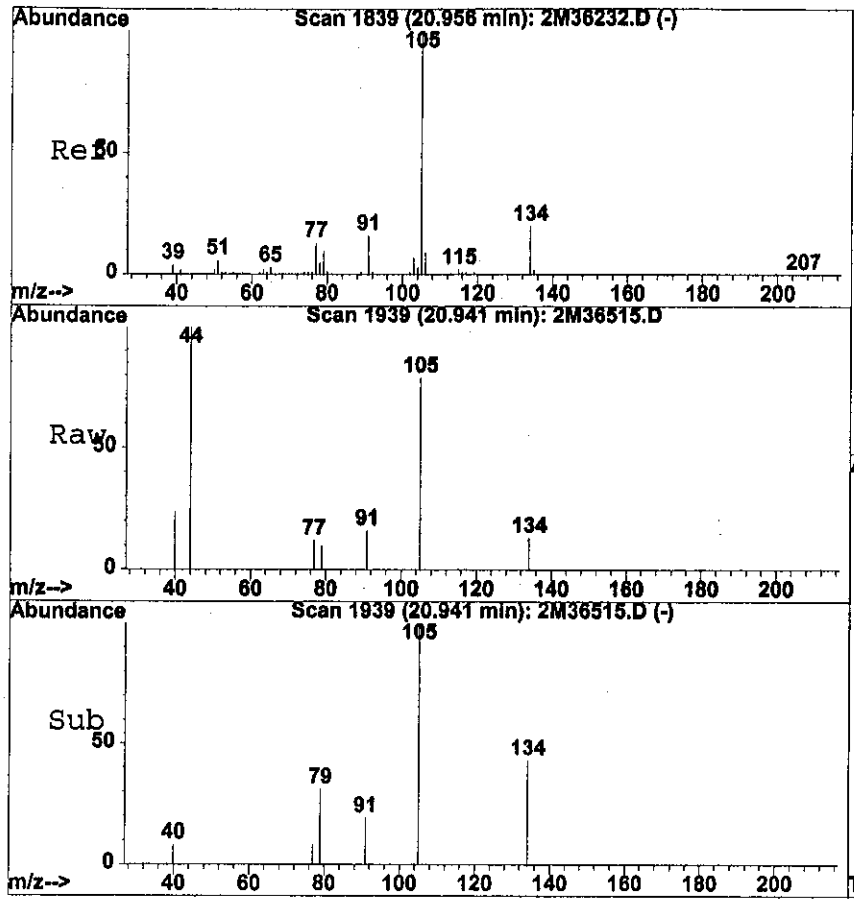


#76
1,2,4-Trimethylbenzene
Concen: 15.71 UG/L
RT: 20.63 min Scan# 1907
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:105 Resp: 10869

Ion	Ratio	Lower	Upper
105	100		
120	42.6	33.7	50.5

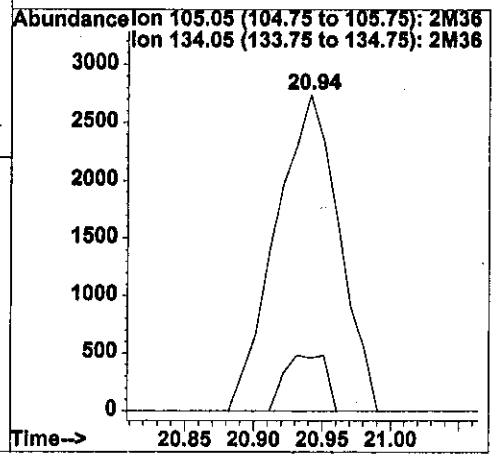


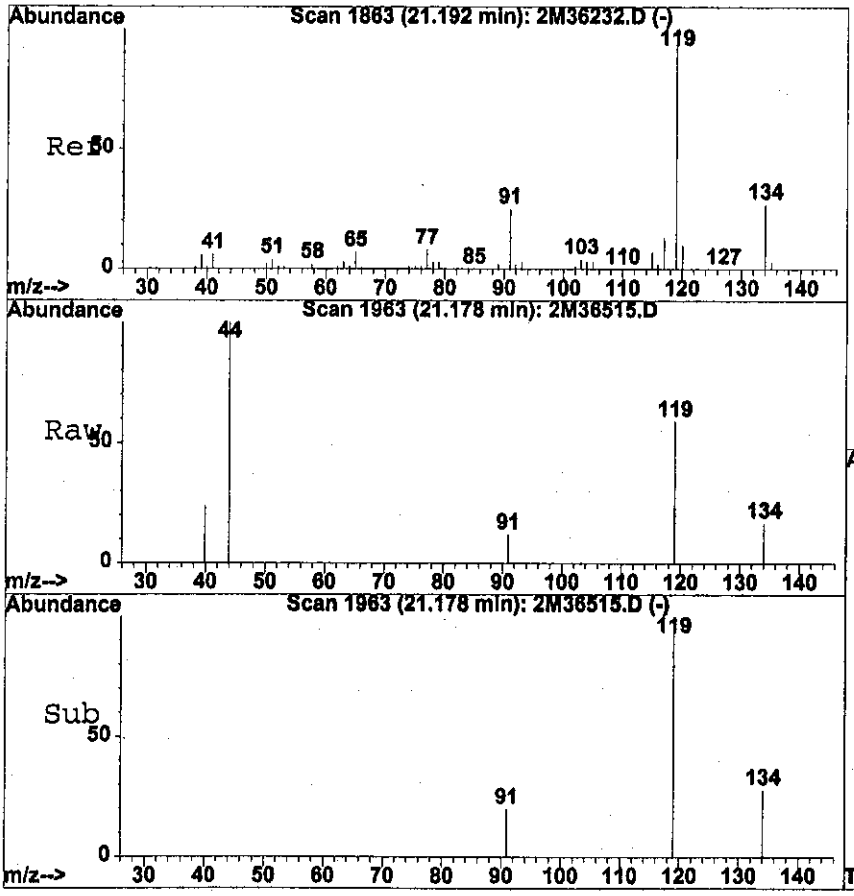


#77
sec-Butylbenzene
Concen: 10.77 UG/L
RT: 20.94 min Scan# 1939
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:105 Resp: 8797

Ion	Ratio	Lower	Upper
105	100		
134	11.7	15.4	23.0#

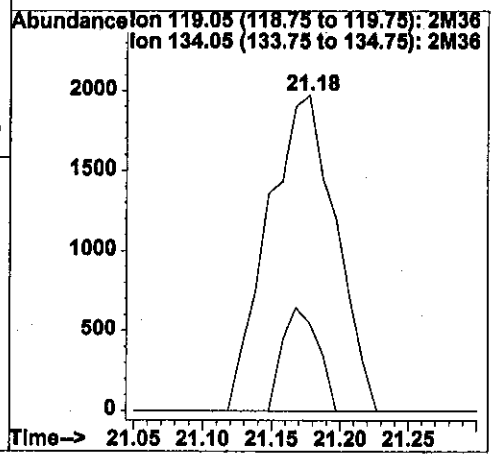


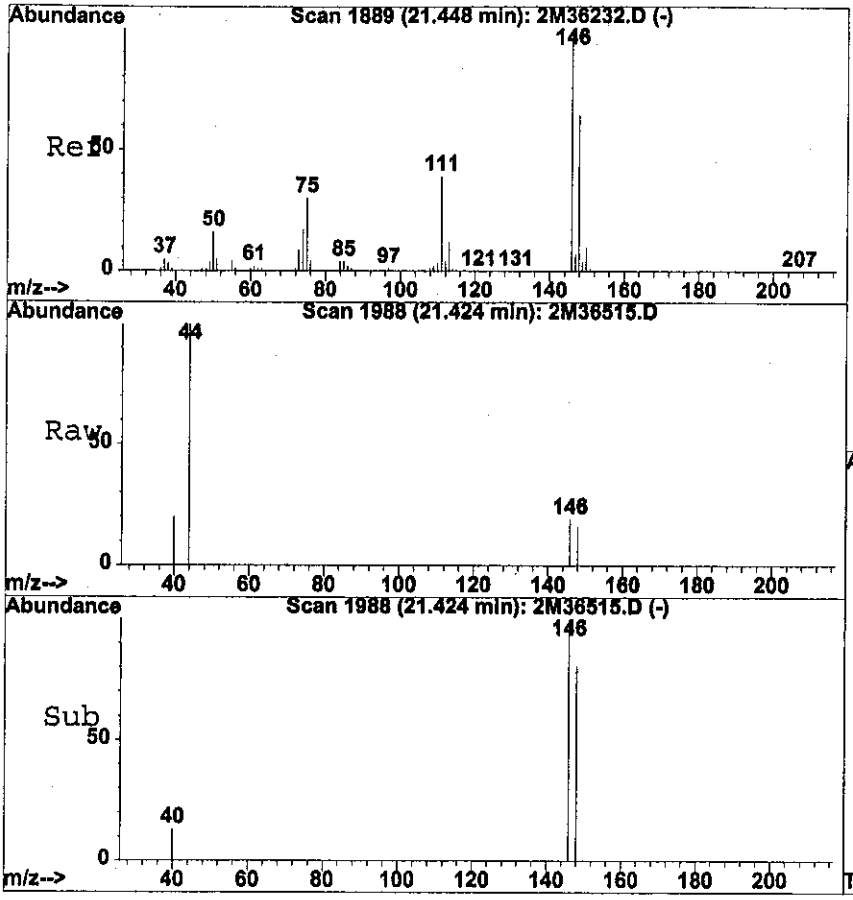


#78
p-Isopropyltoluene
Concen: 10.33 UG/L
RT: 21.18 min Scan# 1963
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:119 Resp: 6762

Ion	Ratio	Lower	Upper
119	100		
134	17.3	21.6	32.4#

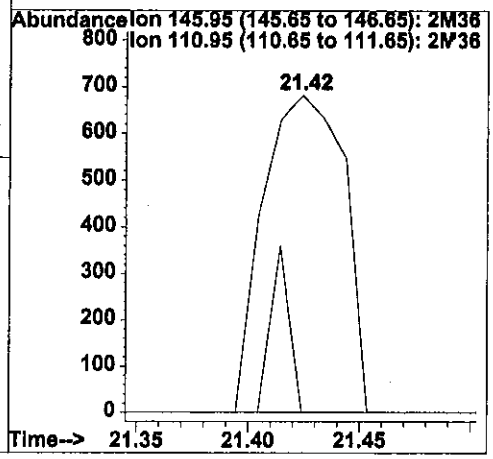


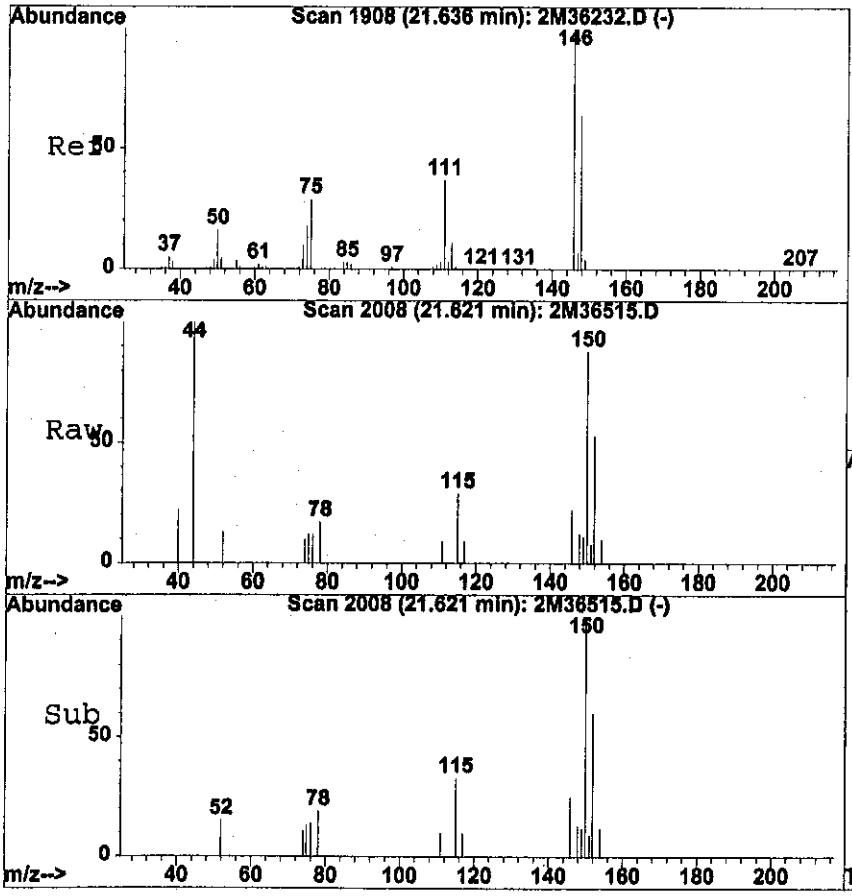


#79
1,3-Dichlorobenzene
Concen: 4.37 UG/L
RT: 21.42 min Scan# 1988
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:146 Resp: 1722

Ion	Ratio	Lower	Upper
146	100		
111	0.0	27.1	40.7#

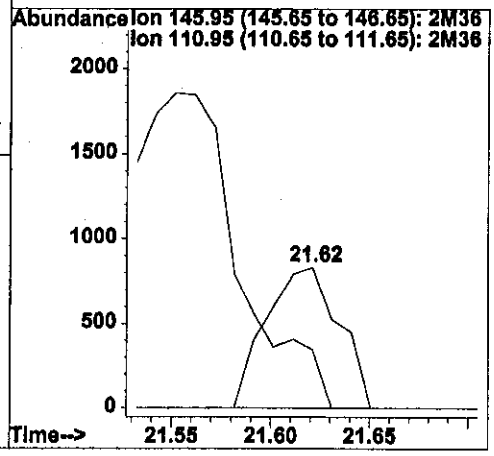


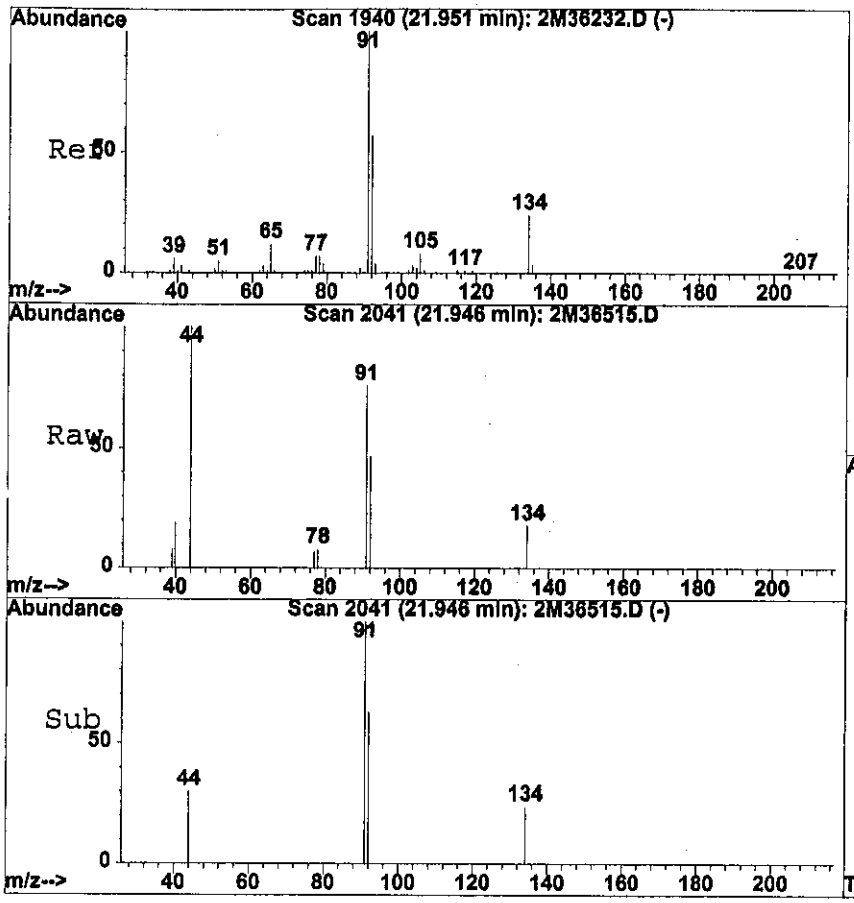


#80
1,4-Dichlorobenzene
Concen: 5.38 UG/L
RT: 21.62 min Scan# 2008
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:146 Resp: 2131

Ion	Ratio	Lower	Upper
146	100		
111	0.0	26.3	39.5#

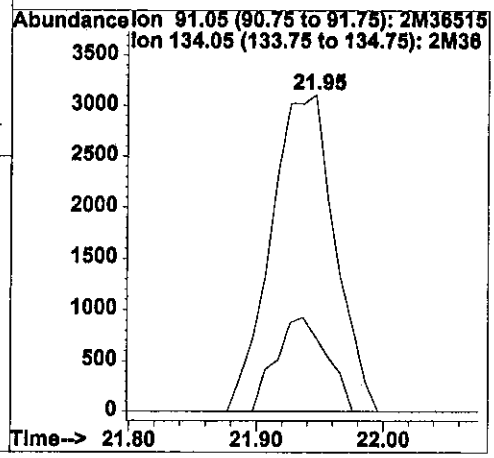


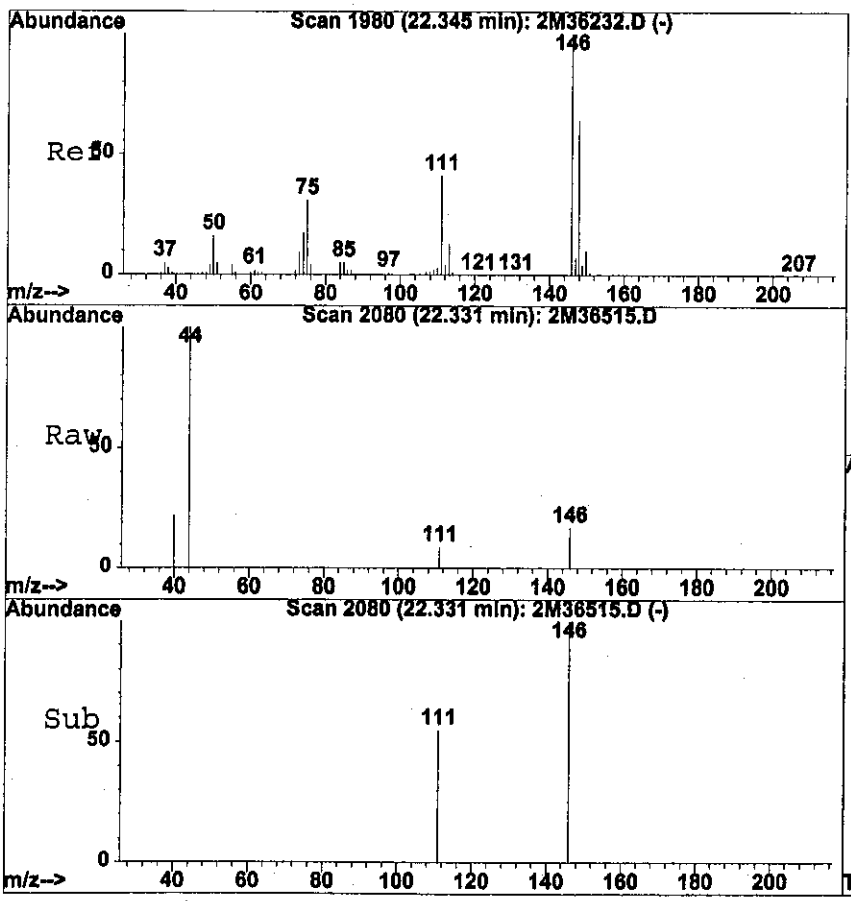


#81
n-Butylbenzene
Concen: 17.19 UG/L
RT: 21.95 min Scan# 2041
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion: 91 Resp: 10870

Ion	Ratio	Lower	Upper
91	100		
134	23.9	19.0	28.6

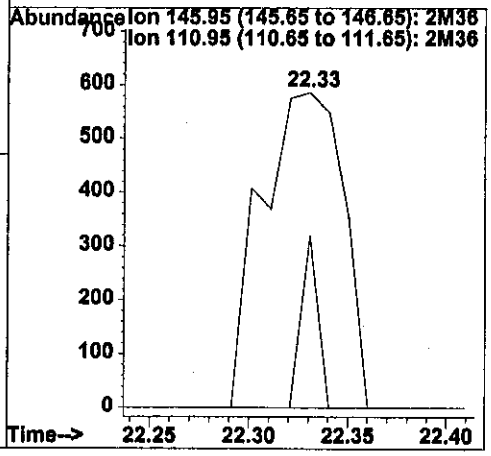


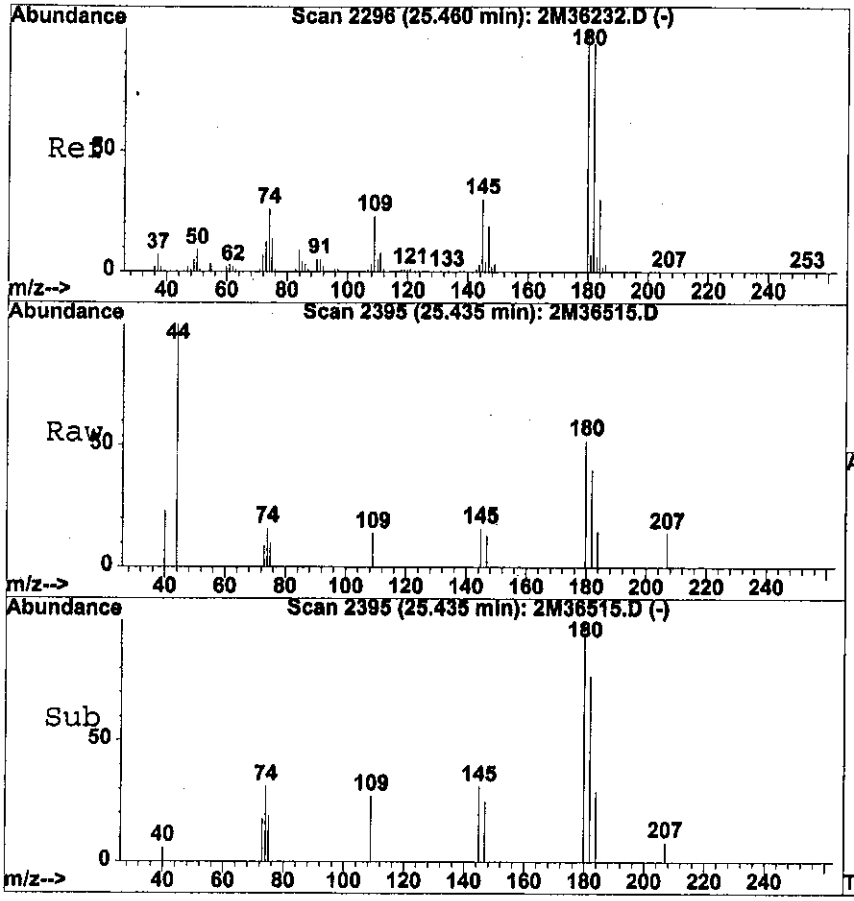


#82
1,2-Dichlorobenzene
Concen: 4.99 UG/L
RT: 22.33 min Scan# 2080
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:146 Resp: 1679

Ion	Ratio	Lower	Upper
146	100		
111	0.0	28.4	42.6#

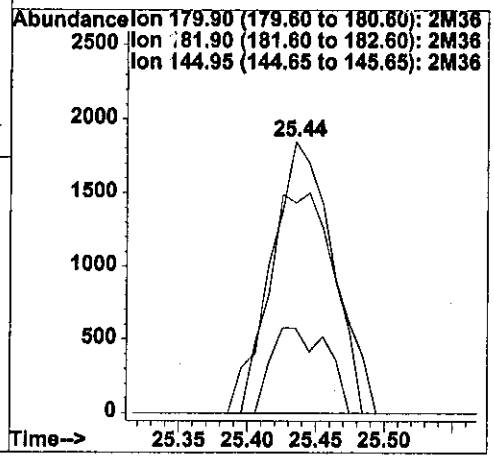


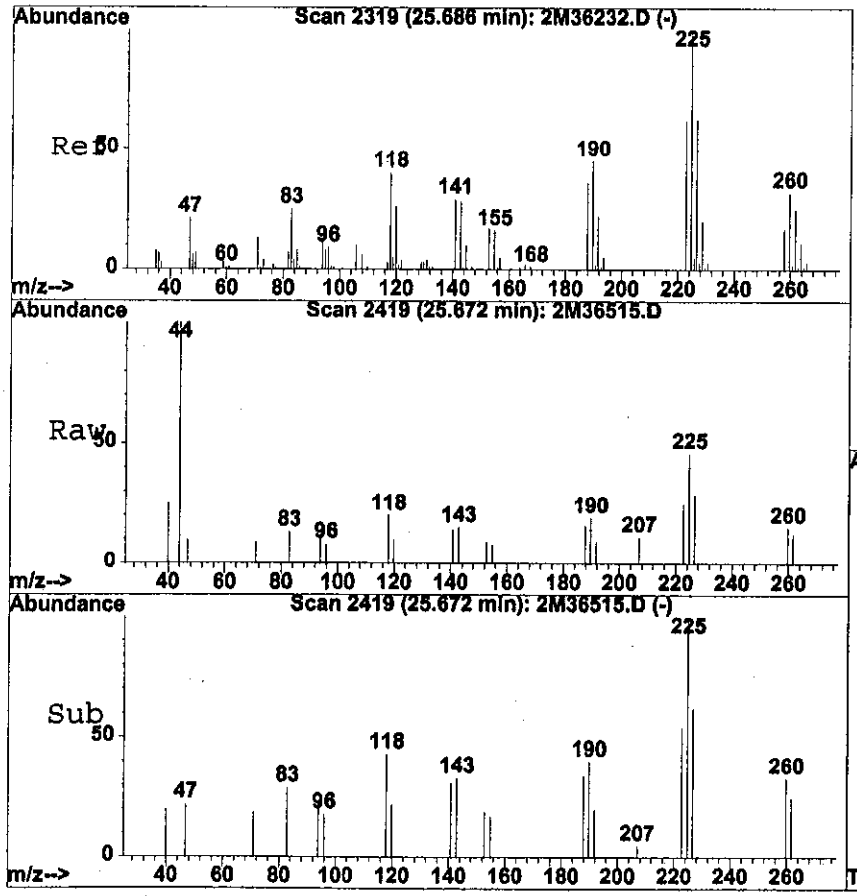


#84
1,2,4-Trichlorobenzene
Concen: 37.57 UG/L
RT: 25.44 min Scan# 2395
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:180 Resp: 5897

Ion	Ratio	Lower	Upper
180	100		
182	84.2	77.4	116.2
145	27.9	20.2	30.2

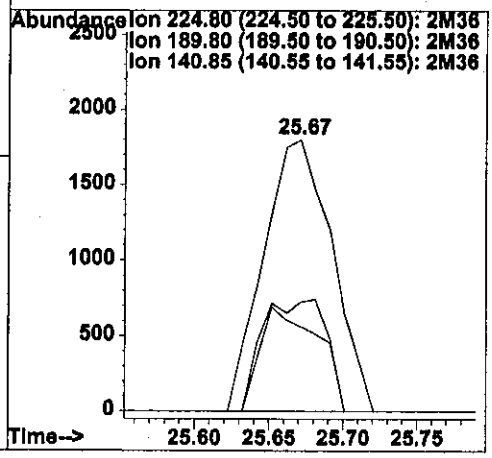


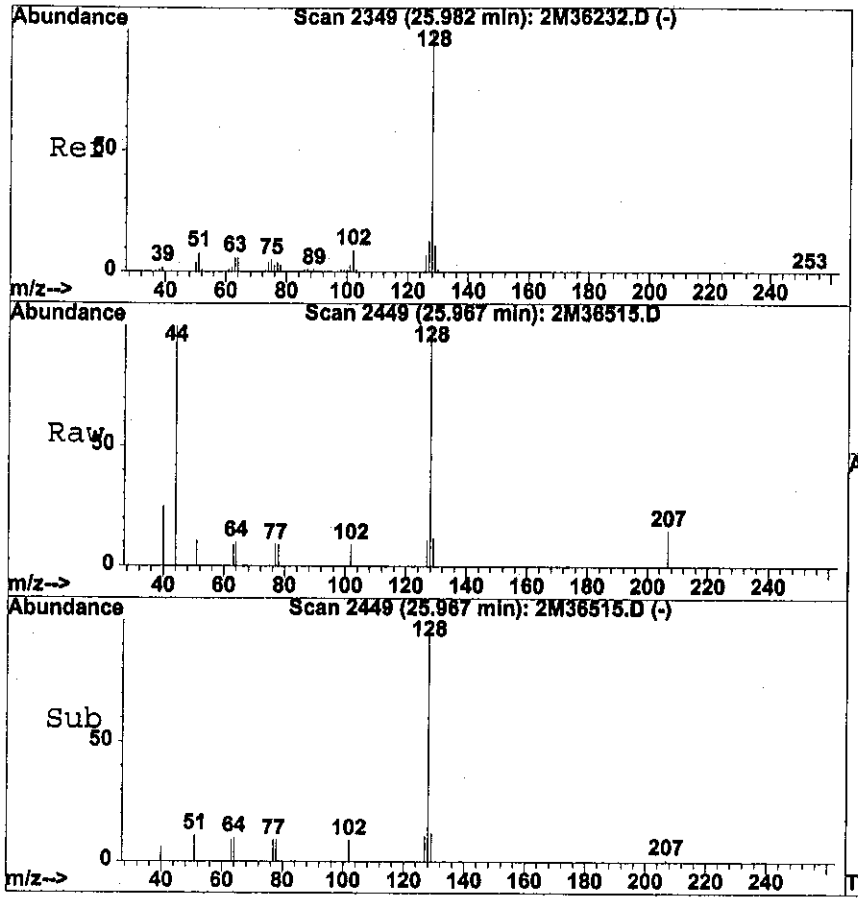


#85
Hexachlorobutadiene
Concen: 85.10 UG/L
RT: 25.67 min Scan# 2419
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:225 Resp: 5774

Ion	Ratio	Lower	Upper
225	100		
190	38.6	36.4	54.6
141	32.5	19.4	29.2#

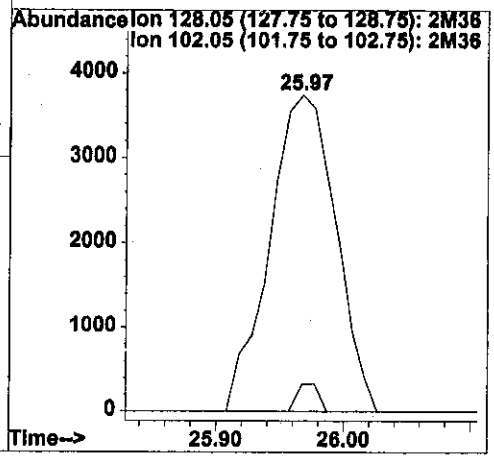


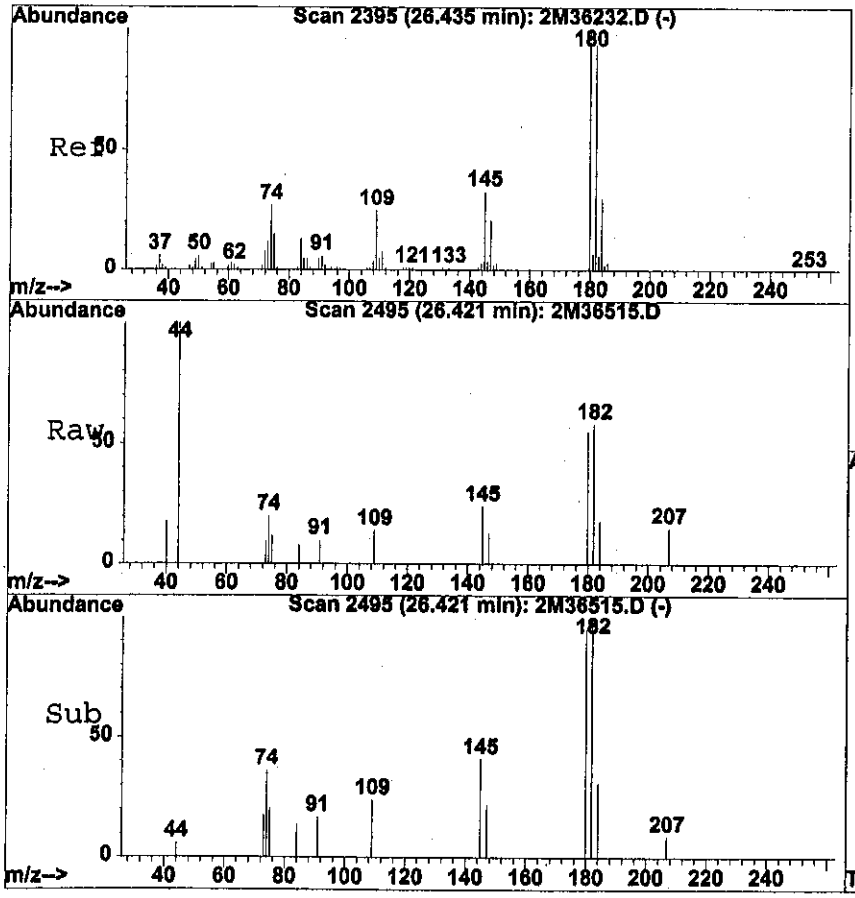


#86
Naphthalene
Concen: 54.21 UG/L
RT: 25.97 min Scan# 2449
Delta R.T. -0.05 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:128 Resp: 13513

Ion	Ratio	Lower	Upper
128	100		
102	0.0	7.0	10.6#

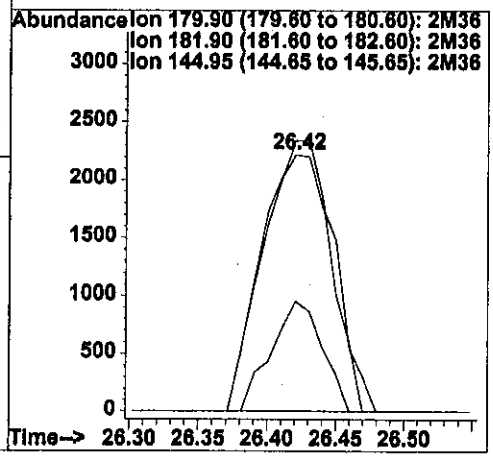




#87
1,2,3-Trichlorobenzene
Concen: 68.92 UG/L
RT: 26.42 min Scan# 2495
Delta R.T. -0.04 min
Lab File: 2M36515.D
Acq: 19 Jun 2000 11:14

Tgt Ion:180 Resp: 8252

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.5	113.3
145	30.0	20.4	30.6



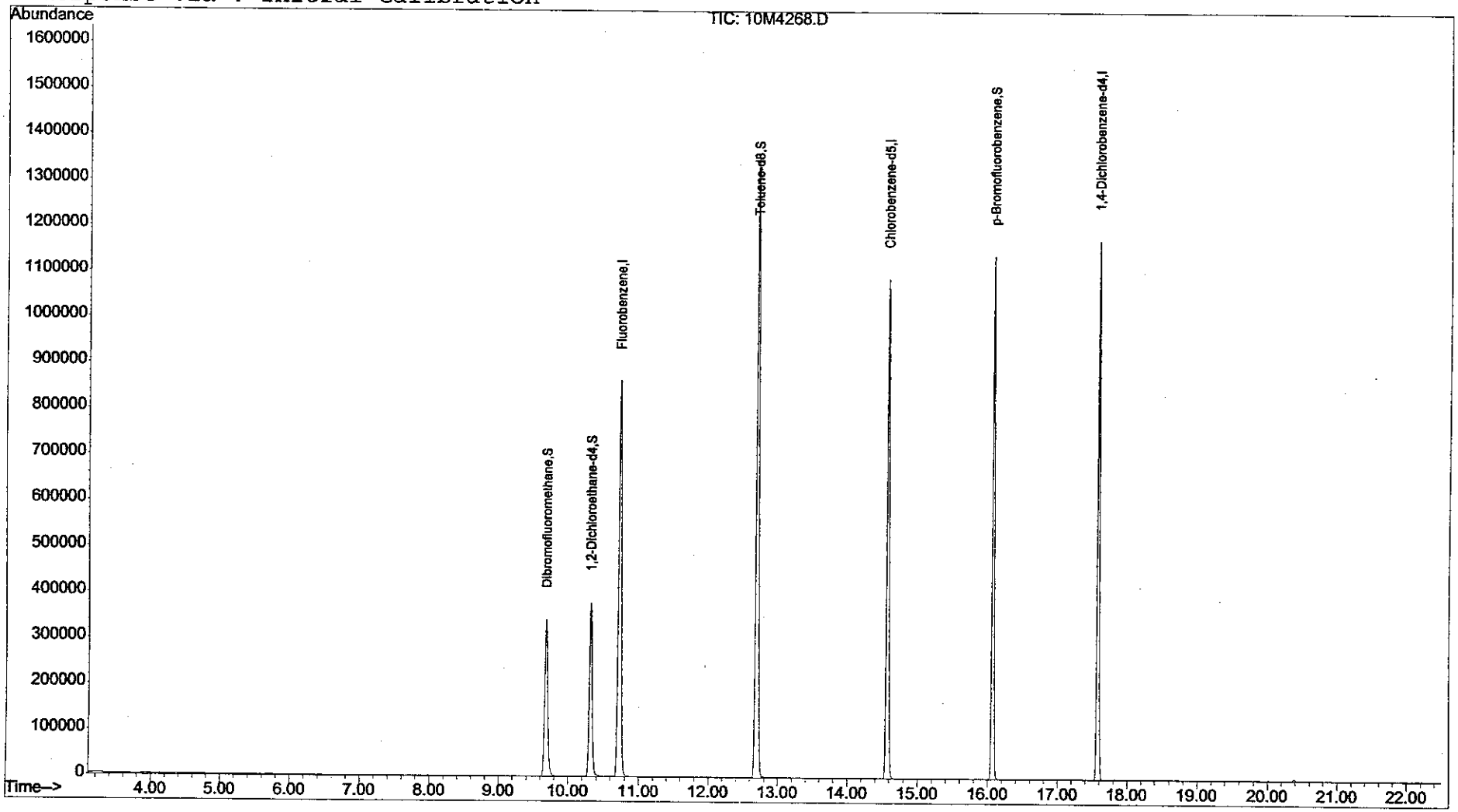
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4268.D
Acq On : 20 Jun 2000 10:06
Sample : WG79271-03 VBLK 0620 M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 10:29 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4268.D
Acq On : 20 Jun 2000 10:06
Sample : WG79271-03 VBLK 0620 M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 10:29 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	923037	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	616667	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	317260	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	299486	22.91	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 91.64%			
33) 1,2-Dichloroethane-d4	10.31	65	406176	23.29	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 93.16%			
45) Toluene-d8	12.70	98	1067169	24.42	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.68%			
66) p-Bromofluorobenzene	16.07	95	439938	25.68	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 102.72%			

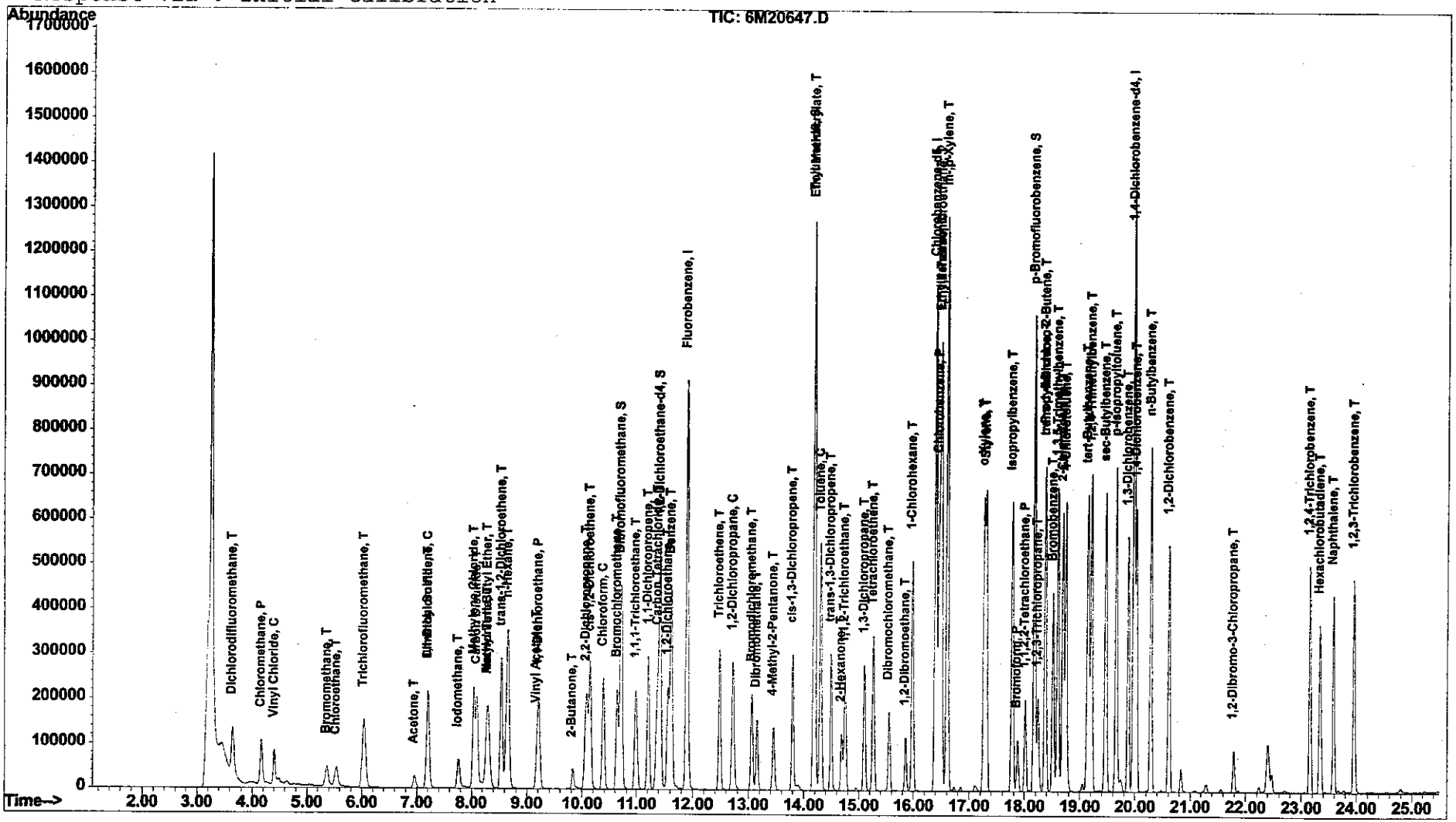
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 17:18 2000 Quant Results File: 8260PRES.RES

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 17:18 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.89	96	1143715	50.00	ug/Kg	0.00
44) Chlorobenzene-d5	16.40	117	829260	50.00	ug/kg	0.00
64) 1,4-Dichlorobenzene-d4	19.98	152	494300	50.00	ug/kg	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.70	111	395038	46.03	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.06%			
33) 1,2-Dichloroethane-d4	11.42	65	519625	50.43	ug/kg	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.86%			
45) Toluene-d8	14.18	98	1178912	47.76	ug/kg	0.00
Spiked Amount 50.000	Range 81 - 117		Recovery = 95.52%			
66) p-Bromofluorobenzene	18.17	95	524927	47.41	ug/kg	0.00
Spiked Amount 50.000	Range 74 - 121		Recovery = 94.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	186215	29.82	ug/Kg#	87
3) Chloromethane	4.16	50	194787	34.62	ug/kg	98
4) Vinyl Chloride	4.40	62	108968	27.81	ug/kg	100
5) Bromomethane	5.36	94	67799	30.44	ug/kg	97
6) Chloroethane	5.53	64	81521	29.17	ug/kg#	89
7) Trichlorofluoromethane	6.04	101	305192	22.09	ug/kg	100
11) Acetone	6.96	43	63615	30.33	ug/kg	99
12) 1,1-Dichloroethene	7.20	96	140955	22.29	ug/kg	76
13) Dimethyl Sulfide	7.20	62	22980	3.11	ug/kg#	1
14) Iodomethane	7.76	142	77368	18.51	ug/kg	98
15) Methylene Chloride	8.04	84	137442	25.06	ug/kg#	50
16) Carbon Disulfide	8.10	76	418787	18.81	ug/kg	100
17) Acrylonitrile	8.29	53	5857	1.85	ug/kg#	23
18) Methyl Tert Butyl Ether	8.29	73	345483	20.46	ug/kg#	89
19) trans-1,2-Dichloroethene	8.54	96	157994	22.68	ug/kg	78
20) n-Hexane	8.65	57	311875	23.15	ug/kg	96
21) Vinyl Acetate	9.17	43	133406	8.94	ug/kg#	95
22) 1,1-Dichloroethane	9.21	63	318896	21.88	ug/kg	99
23) 2-Butanone	9.83	43	97872	22.68	ug/kg#	88
24) 2,2-Dichloropropane	10.08	77	244235	22.42	ug/kg	100
25) cis-1,2-Dichloroethene	10.15	96	157765	20.59	ug/kg	76
26) Chloroform	10.38	83	286515	22.82	ug/kg#	96
27) Bromochloromethane	10.63	128	68510	19.76	ug/kg	94
29) 1,1,1-Trichloroethane	10.99	97	259005	22.48	ug/kg	90
31) 1,1-Dichloropropene	11.21	75	197794	26.01	ug/kg	92
32) Carbon Tetrachloride	11.39	117	235442	23.11	ug/kg	99
34) 1,2-Dichloroethane	11.56	62	257238	22.40	ug/kg#	91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 17:18 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Benzene	11.61	78	535662	22.47 ug/kg#	84
36) Trichloroethene	12.48	130	141871	20.34 ug/kg#	85
37) 1,2-Dichloropropane	12.72	63	147757	21.52 ug/kg	98
38) Bromodichloromethane	13.06	83	196910	24.04 ug/kg	99
39) Dibromomethane	13.15	93	86993	21.56 ug/kg	94
41) 4-Methyl-2-Pentanone	13.45	58	53233	20.30 ug/kg	91
42) cis-1,3-Dichloropropene	13.80	75	208094	24.84 ug/kg	99
46) Toluene	14.30	91	555263	22.58 ug/kg	98
47) Ethyl Methacrylate	14.19	69	3459	0.54 ug/kg#	1
48) trans-1,3-Dichloropropene	14.49	75	198487	22.89 ug/kg	99
49) 1,1,2-Trichloroethane	14.75	97	109907	22.56 ug/kg	99
50) 2-Hexanone	14.69	43	137641	22.23 ug/kg#	1
51) 1,3-Dichloropropane	15.10	76	193795	22.63 ug/kg#	79
52) Tetrachloroethene	15.27	164	106497	22.55 ug/kg	92
53) Dibromochloromethane	15.55	129	130791	22.33 ug/kg	99
54) 1,2-Dibromoethane	15.85	107	111292	21.68 ug/kg	99
55) 1-Chlorohexane	15.98	91	189939	23.09 ug/kg#	71
56) Chlorobenzene	16.46	112	365182	21.29 ug/kg	100
57) 1,1,1,2-Tetrachloroethane	16.50	131	136104	23.32 ug/kg	99
58) Ethylbenzene	16.50	106	210065	22.29 ug/kg	99
59) m-,p-Xylene	16.60	106	523156	44.01 ug/kg	98
60) o-Xylene	17.27	106	249131	21.92 ug/kg	98
61) Styrene	17.31	104	421346	21.97 ug/kg	100
62) Bromoform	17.87	173	75918	22.22 ug/kg	97
63) Isopropylbenzene	17.77	105	643065	21.75 ug/kg	99
65) 1,1,2,2-Tetrachloroethane	18.01	83	141223	22.22 ug/kg	100
67) 1,2,3-Trichloropropane	18.24	110	46630	21.60 ug/kg#	81
68) trans-1,4-Dichloro-2-Buten	18.37	53	6060	2.32 ug/kg#	1
69) n-Propylbenzene	18.37	91	846988	22.96 ug/kg	100
70) Bromobenzene	18.51	156	159976	20.77 ug/kg	99
71) 1,3,5-Trimethylbenzene	18.59	105	579385	21.98 ug/kg	98
72) 2-Chlorotoluene	18.69	91	513197m	21.98 ug/kg	
73) 4-Chlorotoluene	18.74	91	528828	22.38 ug/kg	96
75) tert-Butylbenzene	19.14	119	501940	20.98 ug/kg	99
76) 1,2,4-Trimethylbenzene	19.21	105	601065	21.91 ug/kg	100
77) sec-Butylbenzene	19.47	105	730145	21.47 ug/kg	99
78) p-Isopropyltoluene	19.65	119	609725	20.86 ug/kg	98
79) 1,3-Dichlorobenzene	19.88	146	323593	20.74 ug/kg	99
80) 1,4-Dichlorobenzene	20.02	146	338003	20.89 ug/kg	97
81) n-Butylbenzene	20.28	91	635196	22.85 ug/kg	99
82) 1,2-Dichlorobenzene	20.61	146	309508	21.13 ug/kg	99
83) 1,2-Dibromo-3-Chloropropan	21.78	157	32197	19.58 ug/kg	96

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 17:18 2000 Quant Results File: 8260PRES.RES

Quant Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260PRES

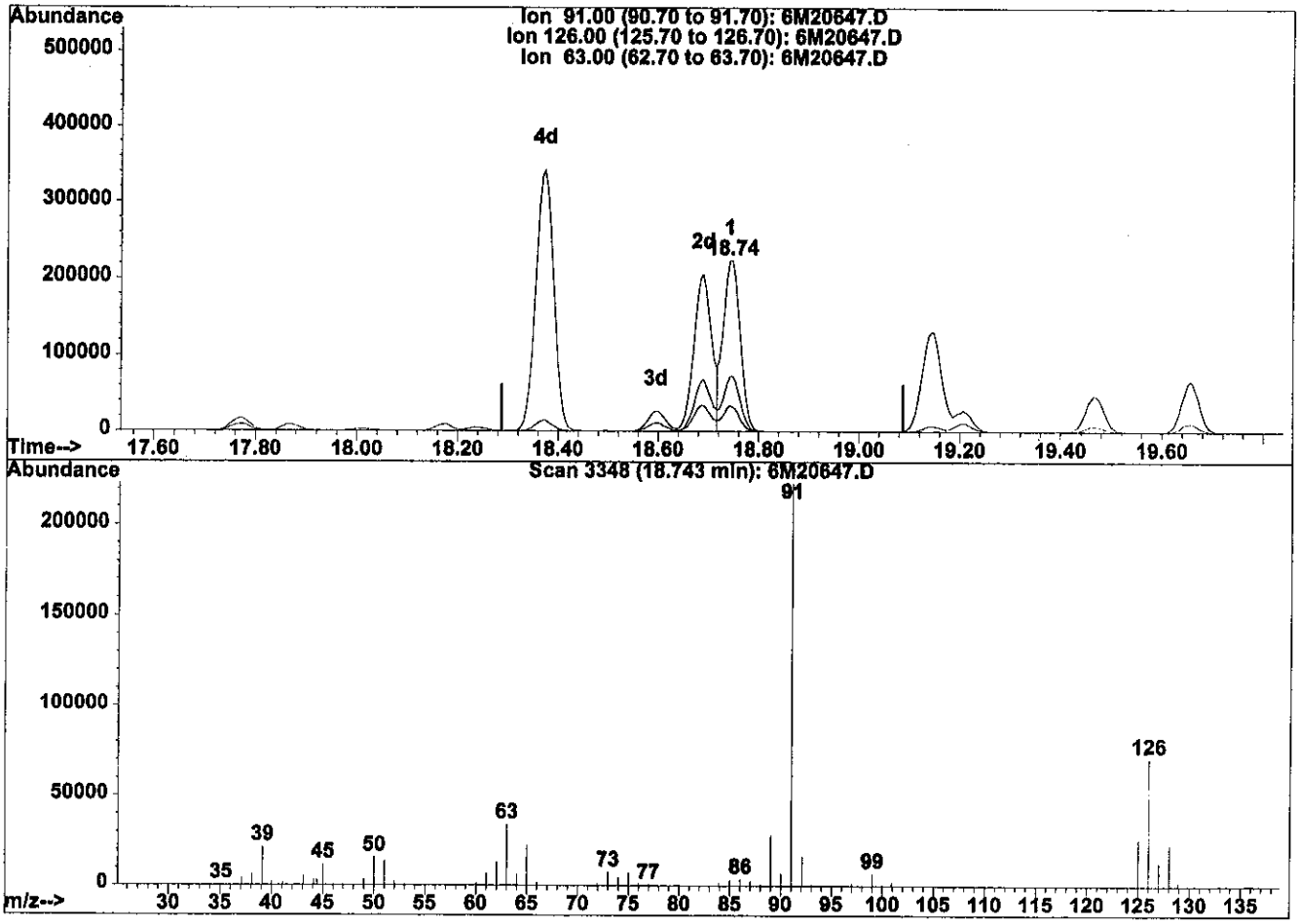
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	1,2,4-Trichlorobenzene	23.16	180	203687	20.76	ug/kg	98
85)	Hexachlorobutadiene	23.34	225	95431	21.19	ug/kg	94
86)	Naphthalene	23.58	128	469013	19.22	ug/kg	99
87)	1,2,3-Trichlorobenzene	23.96	180	190239	20.24	ug/kg	99

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 19 13:14 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20647.D

(72) 2-Chlorotoluene (T)

18.74min 22.65ug/kg

response 528828

Ion	Exp%	Act%
91.00	100	100
126.00	31.70	32.25
63.00	12.80	14.74
0.00	0.00	0.00

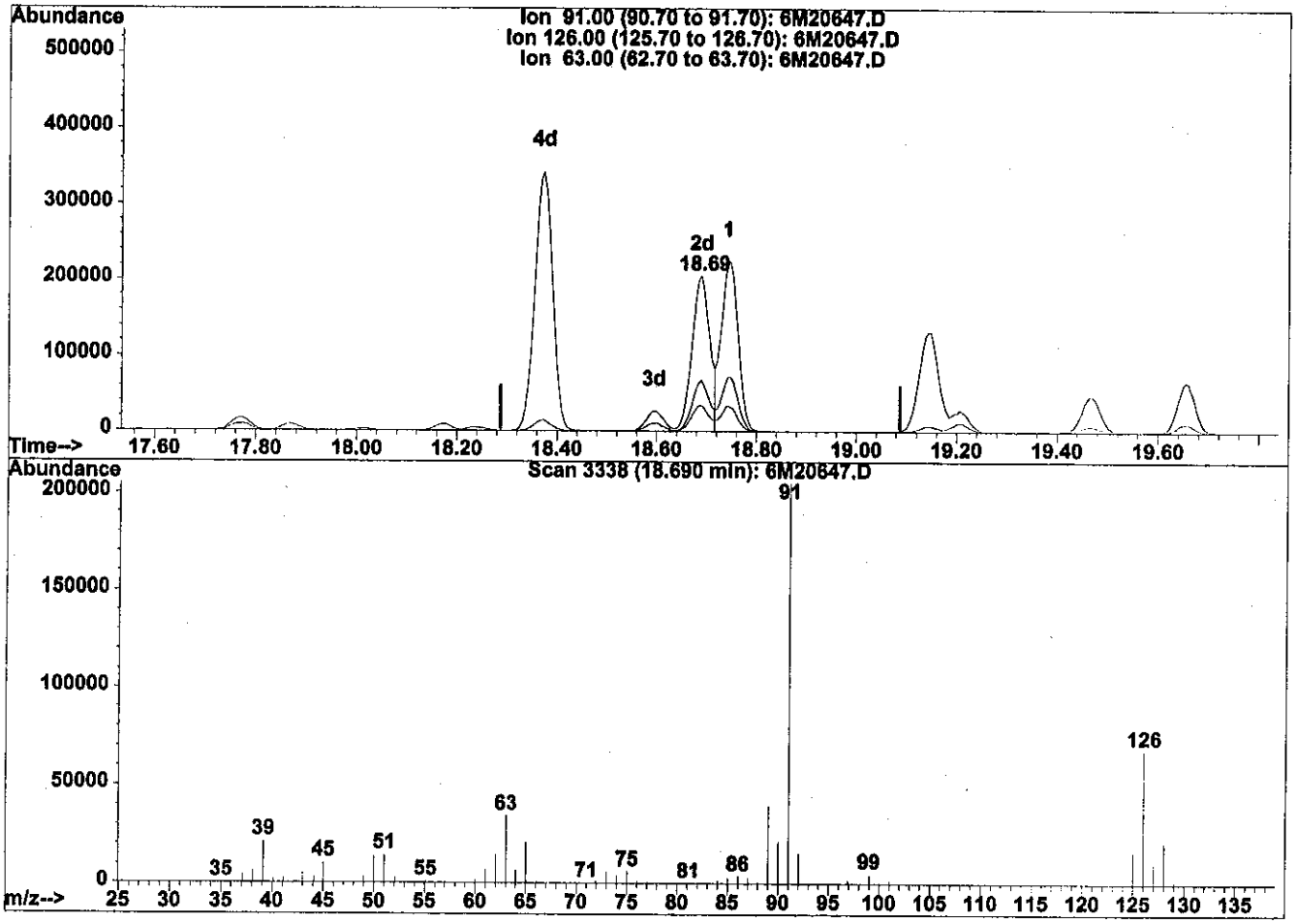
6-20-00 ans

6M20647.D 8260PRES.M Tue Jun 20 17:18:53 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\6M20647.D Vial: 8
Acq On : 19 Jun 2000 12:48 Operator: CMS
Sample : WG79172-04 20PPB LCS SPIKE M8260 5G/5ML Inst : HPMS6
Misc : SOLID,1 Multiplr: 1.00
Quant Time: Jun 20 17:18 2000 Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260PRES.M (RTE Integrator)
Title : Method 8260B SOIL (NaHSO4) - ICAL 06/14/00
Last Update : Wed Jun 14 23:08:29 2000
Response via : Multiple Level Calibration



TIC: 6M20647.D

(72) 2-Chlorotoluene (T)

18.69min 21.98ug/kg m

response 513197

630.00 ans

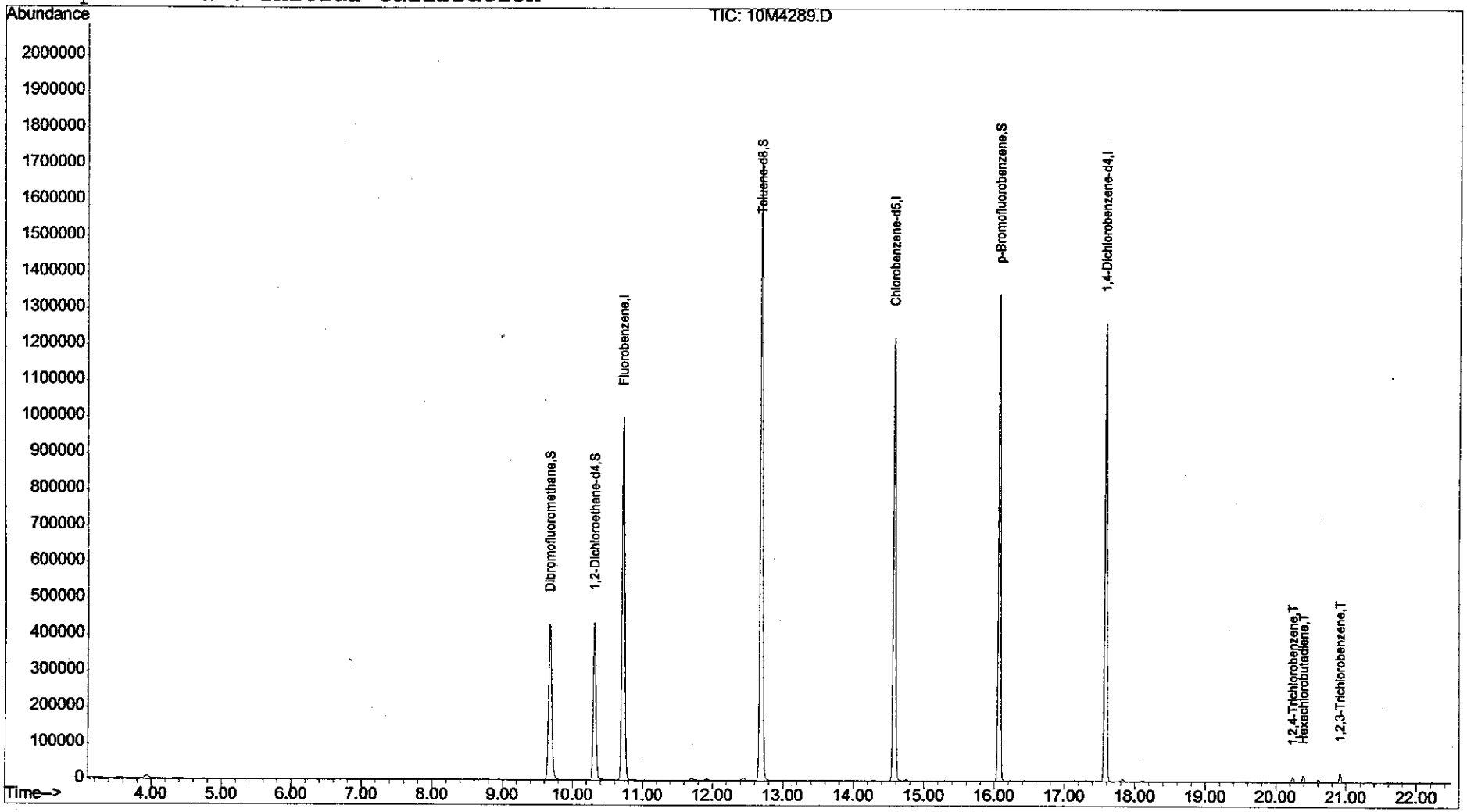
Ion	Exp%	Act%
91.00	100	100
126.00	31.70	33.23
63.00	12.80	15.19
0.00	0.00	0.00

6M20647.D 8260PRES.M Tue Jun 20 17:18:58 2000

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4289.D Vial: 3
Acq On : 20 Jun 2000 22:19 Operator: MES
Sample : WG79341-03 VBLK 0620 Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 22:42 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



944

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4289.D
Acq On : 20 Jun 2000 22:19
Sample : WG79341-03 VBLK 0620
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 22:42 2000

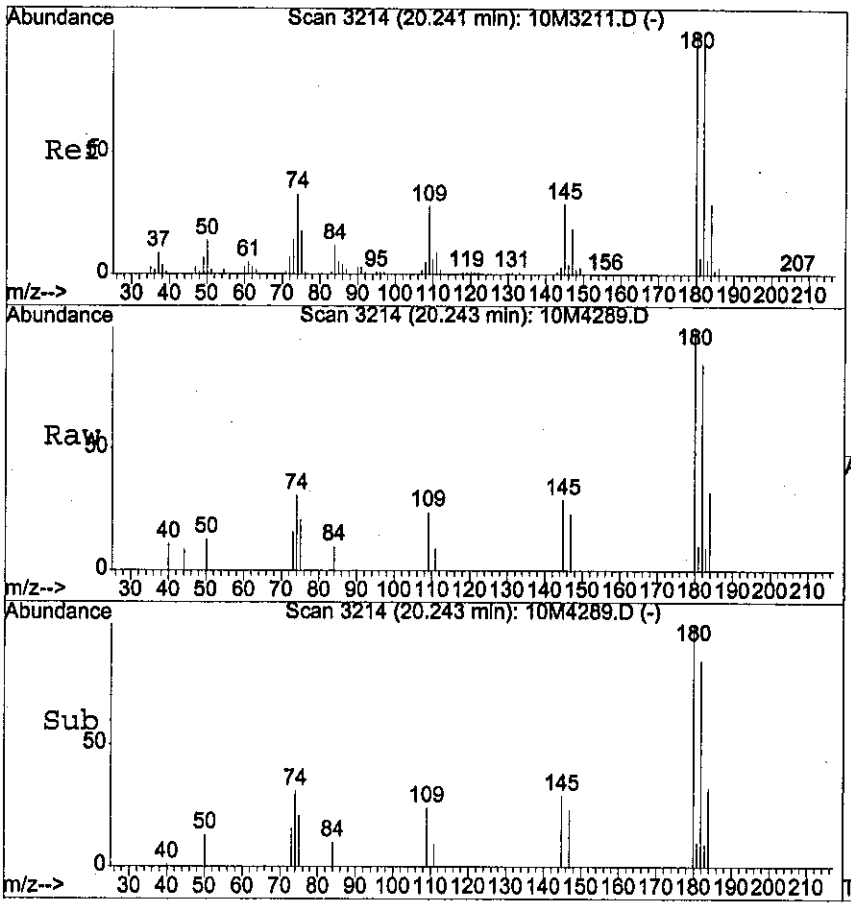
Vial: 3
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.72	96	1135036	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.58	117	747728	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	368018	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	375659	23.36	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 93.44%			
33) 1,2-Dichloroethane-d4	10.31	65	449974	20.98	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 83.92%			
45) Toluene-d8	12.69	98	1444298	27.26	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 109.04%			
66) p-Bromofluorobenzene	16.07	95	557468	28.05	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 112.20%			
Target Compounds						Qvalue
84) 1,2,4-Trichlorobenzene	20.24	180	7220	0.38	ug/L	#J 88
85) Hexachlorobutadiene	20.39	225	6601	0.70	ug/L	J 92
87) 1,2,3-Trichlorobenzene	20.92	180	11058	0.83	ug/L	J 95

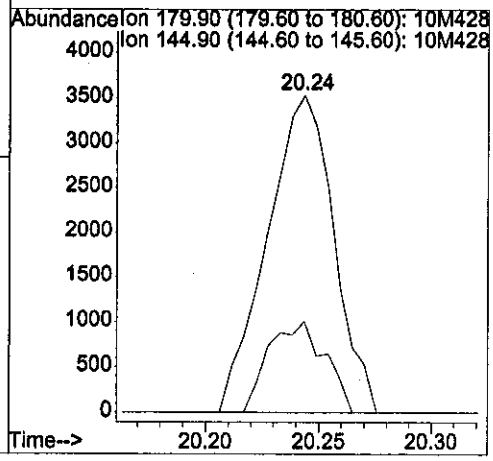
(#) = qualifier out of range (m) = manual integration

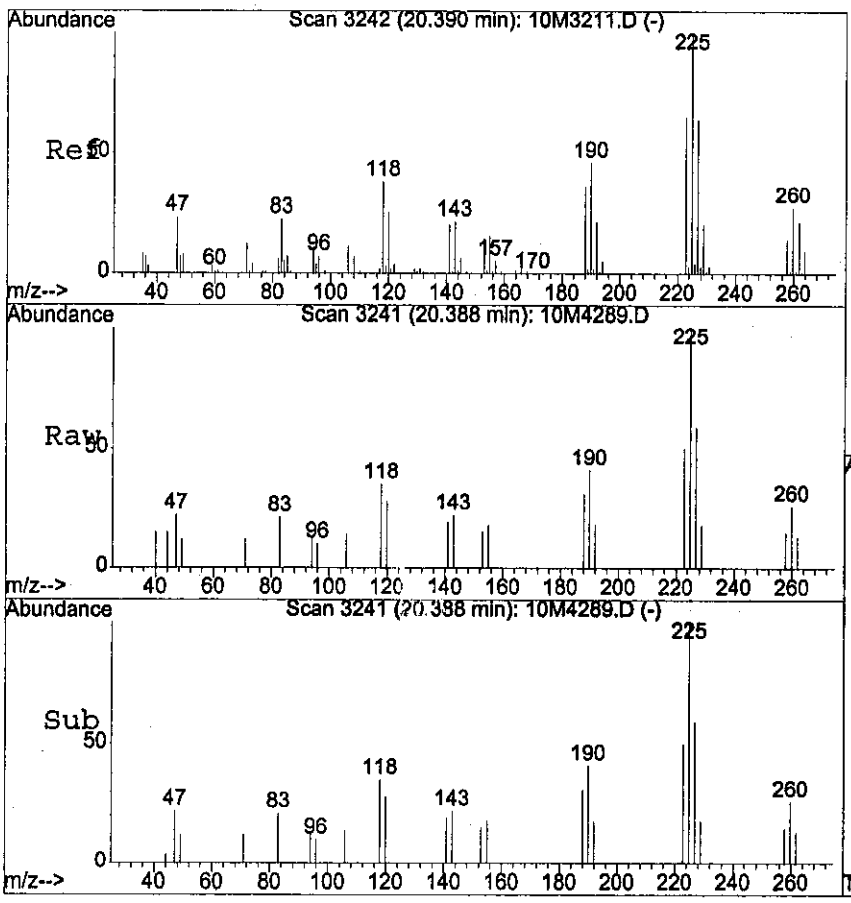


#84
1,2,4-Trichlorobenzene
Concen: 0.38 ug/L
RT: 20.24 min Scan# 3214
Delta R.T. 0.00 min
Lab File: 10M4289.D
Acq: 20 Jun 2000 22:19

Tgt Ion:180 Resp: 7220

Ion	Ratio	Lower	Upper
180	100		
145	24.1	24.6	37.0#

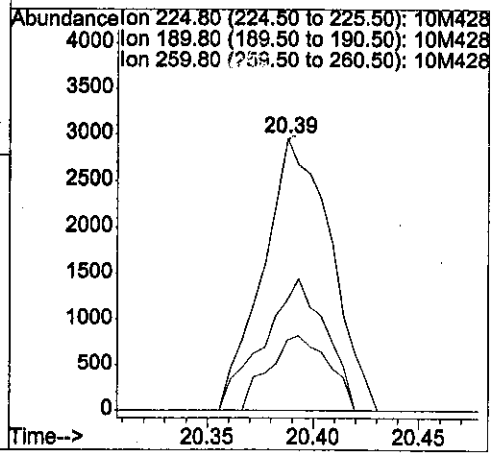


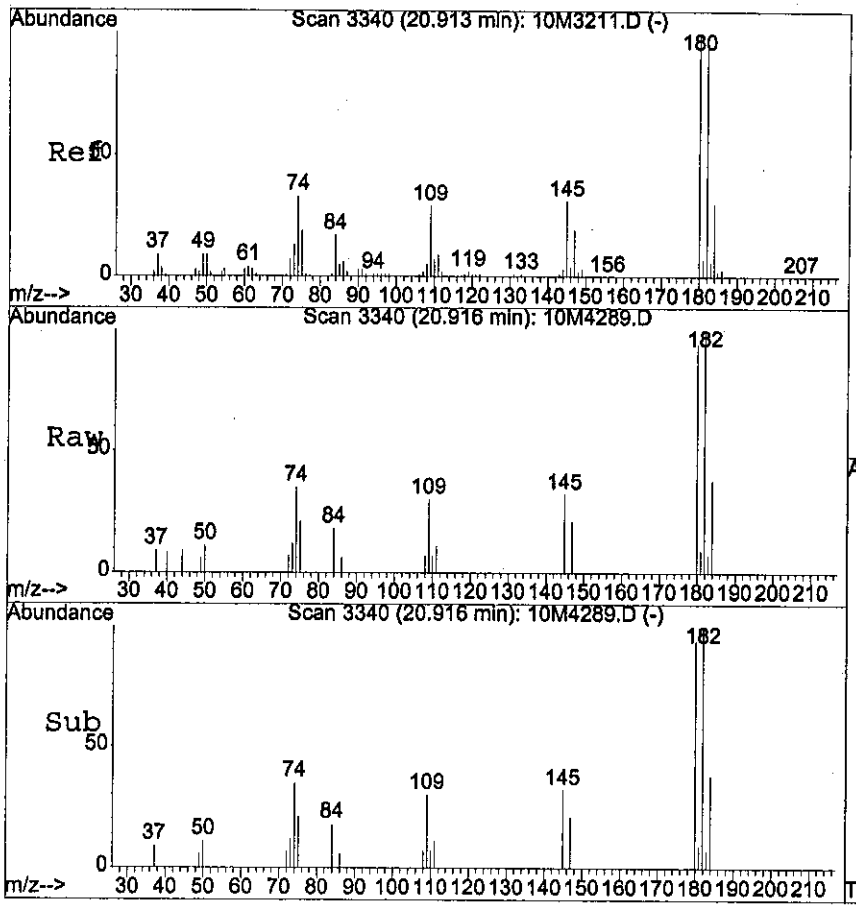


#85
Hexachlorobutadiene
Concen: 0.70 ug/L
RT: 20.39 min Scan# 3241
Delta R.T. -0.00 min
Lab File: 10M4289.D
Acq: 20 Jun 2000 22:19

Tgt Ion:225 Resp: 6601

Ion	Ratio	Lower	Upper
225	100		
190	45.0	39.9	59.9
260	24.6	23.3	34.9

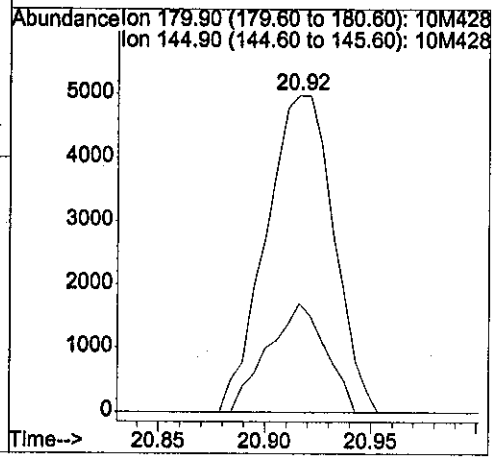




#87
1,2,3-Trichlorobenzene
Concen: 0.83 ug/L
RT: 20.92 min Scan# 3340
Delta R.T. 0.00 min
Lab File: 10M4289.D
Acq: 20 Jun 2000 22:19

Tgt Ion:180 Resp: 11058

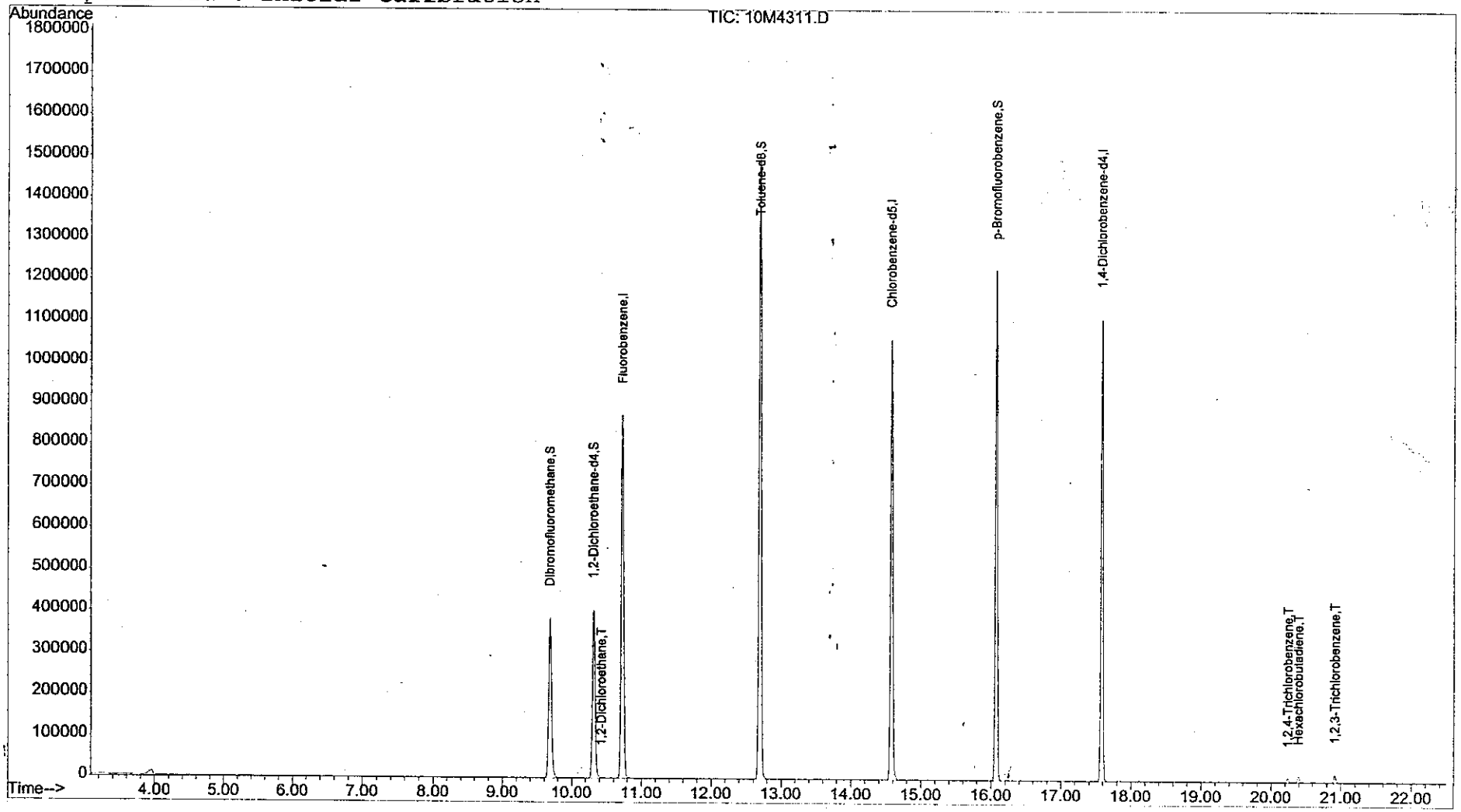
Ion	Ratio	Lower	Upper
180	100		
145	29.1	25.7	38.5



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4311.D Vial: 3
Acq On : 21 Jun 2000 9:46 Operator: MES
Sample : WG79355-03 VBLK0621 M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 10:09 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



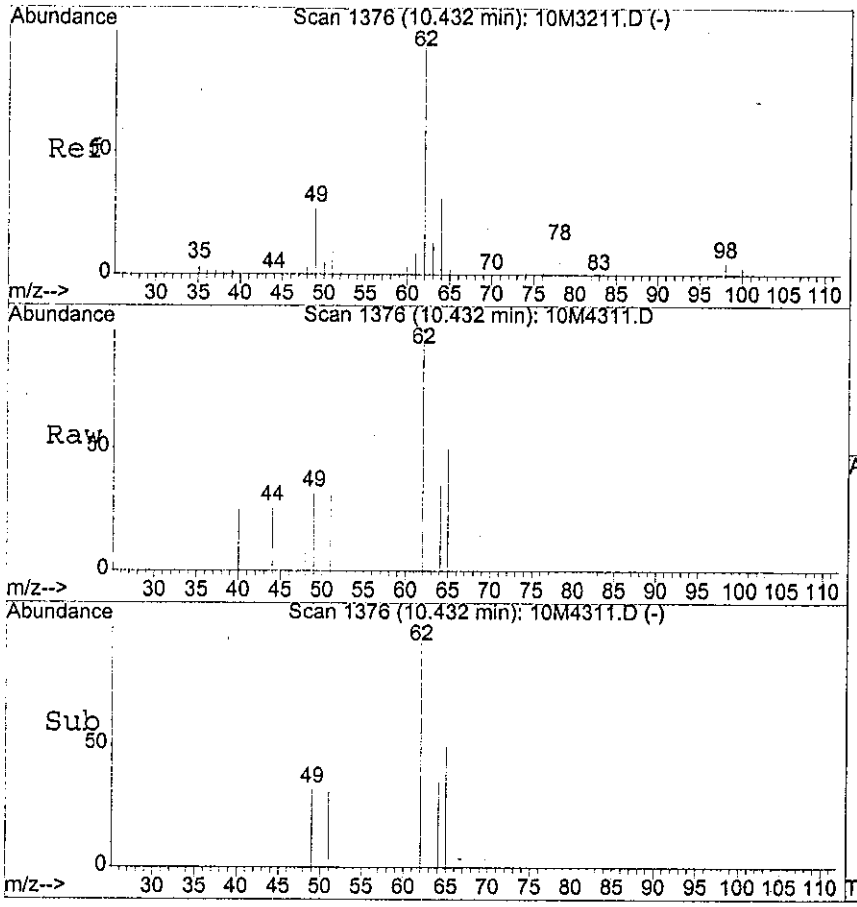
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4311.D Vial: 3
Acq On : 21 Jun 2000 9:46 Operator: MES
Sample : WG79355-03 VBLK0621 M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 21 10:09 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	951398	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	624788	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	310508	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.69	111	331927	24.63	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 98.52%			
33) 1,2-Dichloroethane-d4	10.32	65	424082	23.59	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 94.36%			
45) Toluene-d8	12.70	98	1210253	27.33	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 109.32%			
66) p-Bromofluorobenzene	16.07	95	487283	29.06	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 116.24%#			
Target Compounds						Qvalue
34) 1,2-Dichloroethane	10.43	62	2720	0.12	ug/L #	46
84) 1,2,4-Trichlorobenzene	20.25	180	5129	0.32	ug/L # J	44
85) Hexachlorobutadiene	20.39	225	5228	0.66	ug/L # J	73
87) 1,2,3-Trichlorobenzene	20.92	180	7899	0.70	ug/L J	97

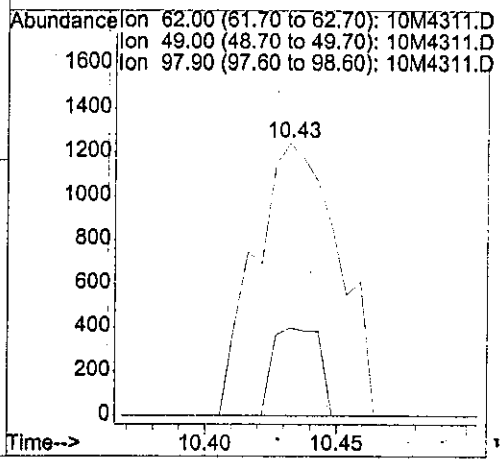
(#) = qualifier out of range (m) = manual integration
10M4311.D 8260WTR.M Wed Jun 21 10:09:35 2000 Page 1

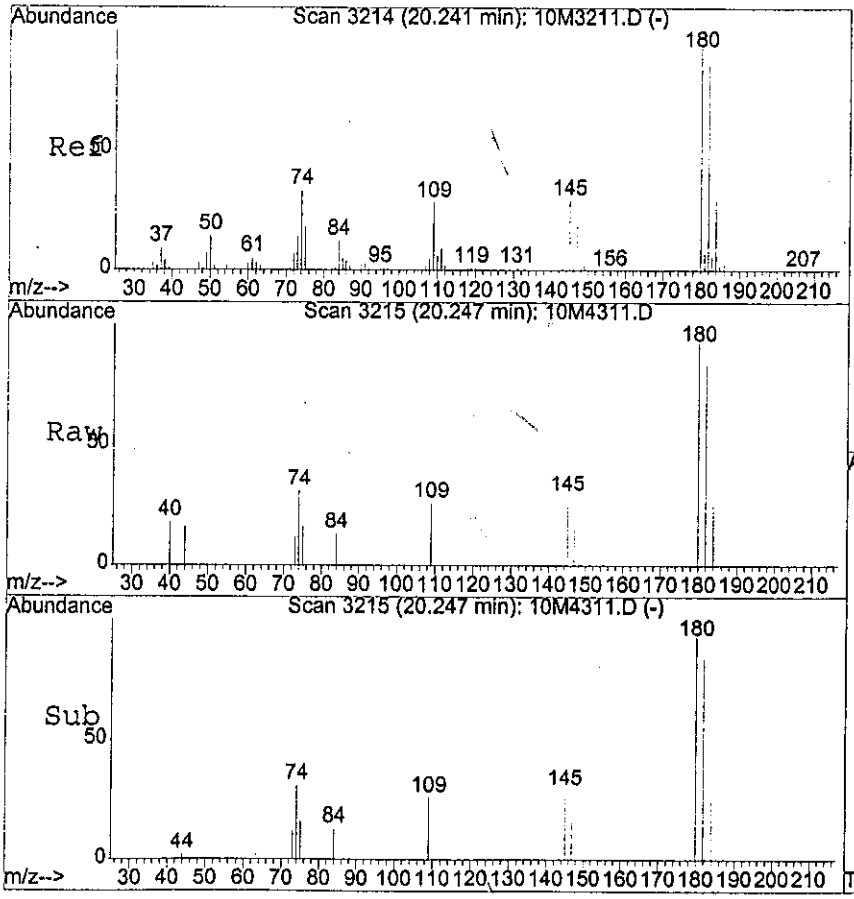


#34
1,2-Dichloroethane
Concen: 0.12 ug/L
RT: 10.43 min Scan# 1376
Delta R.T. -0.00 min
Lab File: 10M4311.D
Acq: 21 Jun 2000 9:46

Tgt Ion: 62 Resp: 2720

Ion	Ratio	Lower	Upper
62	100		
49	0.0	28.5	42.7#
98	0.0	6.2	9.4#

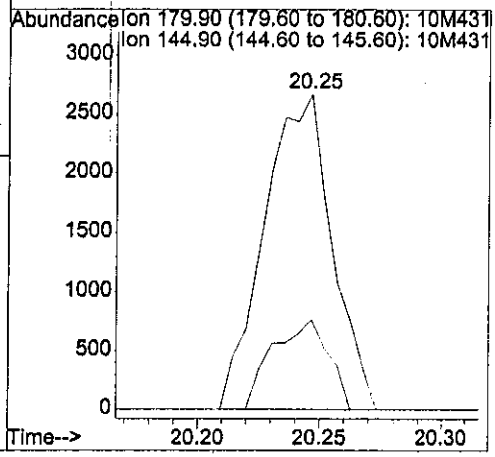


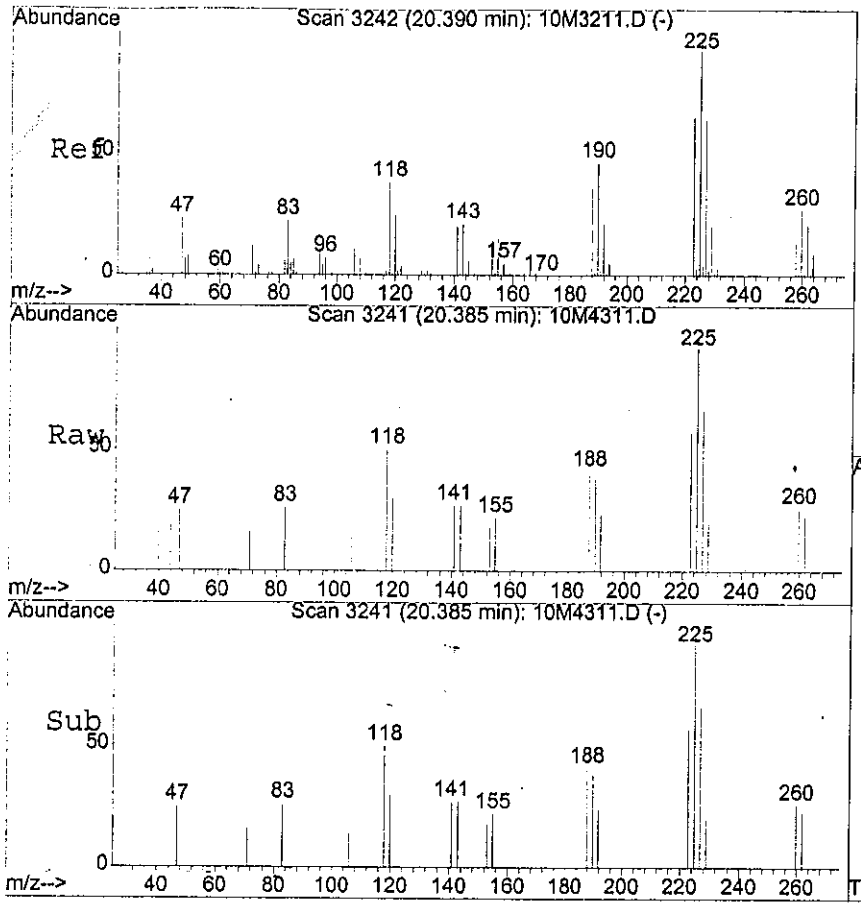


#84
1,2,4-Trichlorobenzene
Concen: 0.32 ug/L
RT: 20.25 min Scan# 3215
Delta R.T. 0.00 min
Lab File: 10M4311.D
Acq: 21 Jun 2000 9:46

Tgt Ion:180 Resp: 5129

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.6	37.0#

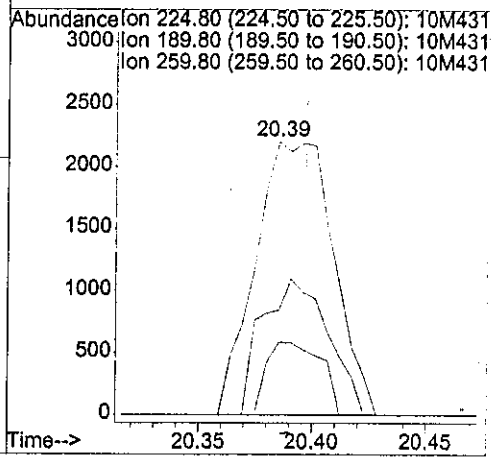


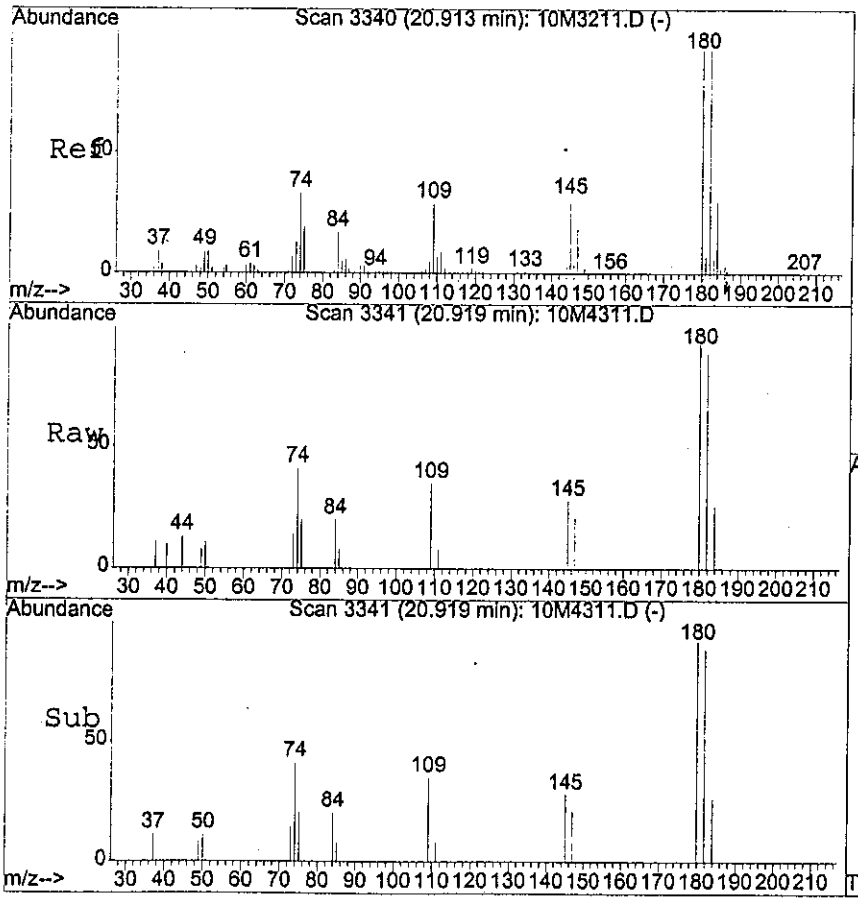


#85
Hexachlorobutadiene
Concen: 0.66 ug/L
RT: 20.39 min Scan# 3241
Delta R.T. -0.01 min
Lab File: 10M4311.D
Acq: 21 Jun 2000 9:46

Tgt Ion:225 Resp: 5228

Ion	Ratio	Lower	Upper
225	100		
190	42.1	39.9	59.9
260	0.0	23.3	34.9#

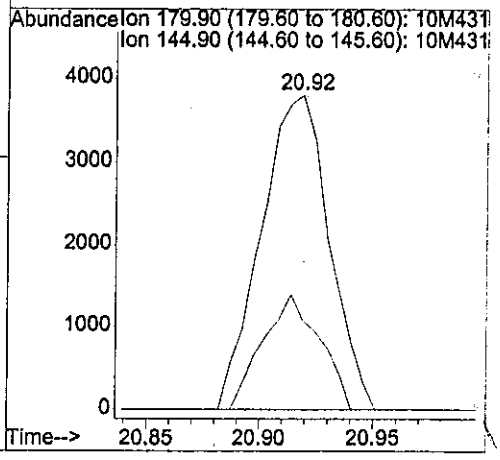




#87
1,2,3-Trichlorobenzene
Concen: 0.70 ug/L
RT: 20.92 min Scan# 3341
Delta R.T. 0.00 min
Lab File: 10M4311.D
Acq: 21 Jun 2000 9:46

Tgt Ion:180 Resp: 7899

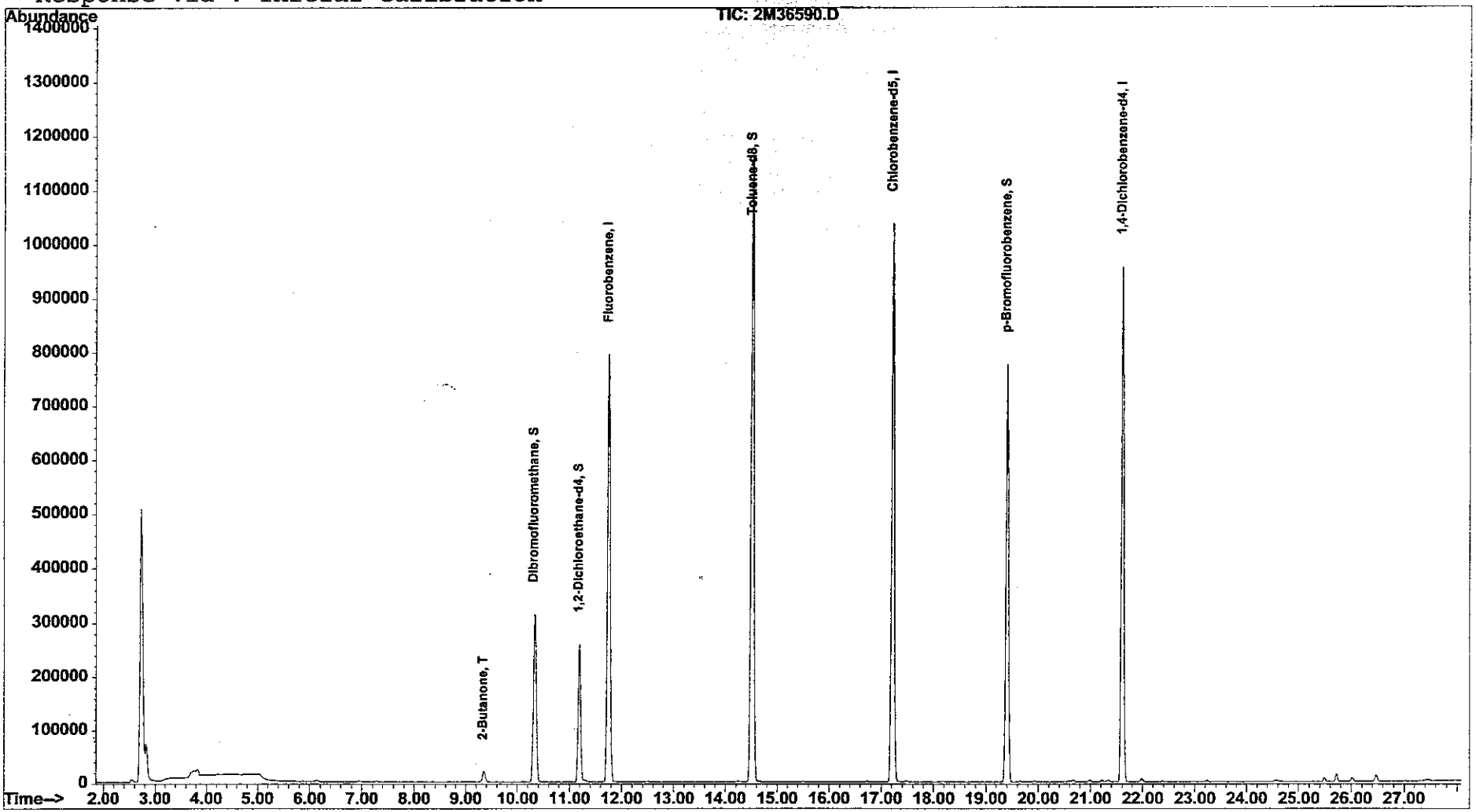
Ion	Ratio	Lower	Upper
180	100		
145	30.5	25.7	38.5



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\2M36590.D Vial: 3
Acq On : 21 Jun 2000 10:32 Operator: CMS
Sample : WG79363-03 EXT BLK 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:00 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



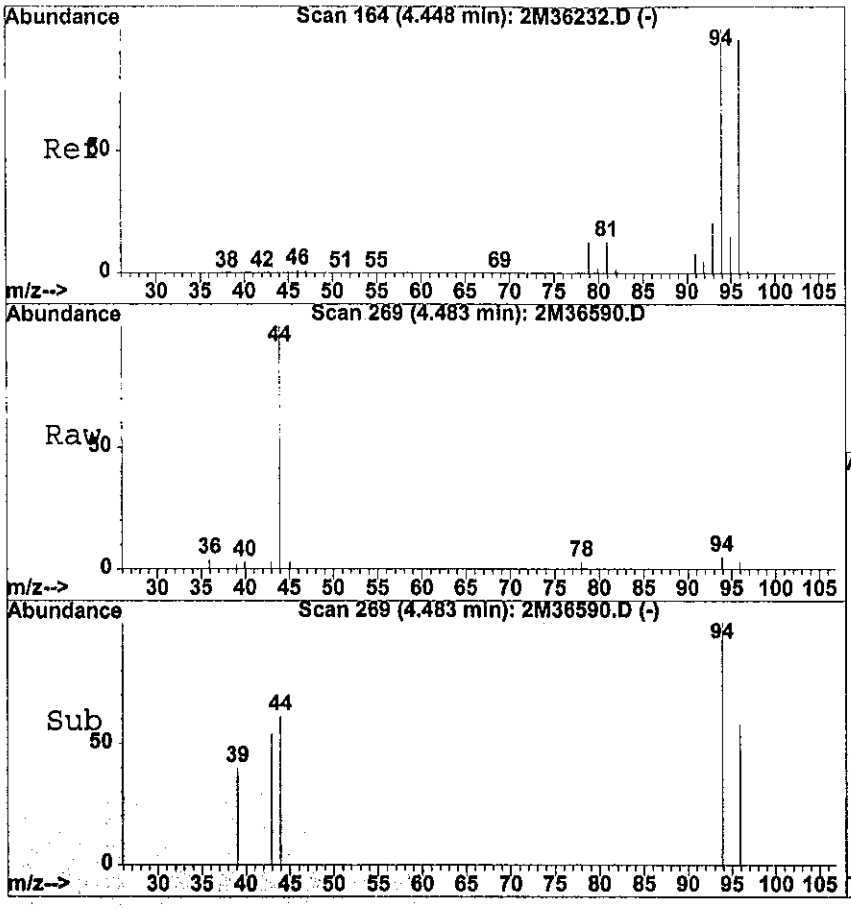
Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36590.D Vial: 3
Acq On : 21 Jun 2000 10:32 Operator: CMS
Sample : WG79363-03 EXT BLK 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:00 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1382773	25.00	UG/L	0.00
44) Chlorobenzene-d5	17.22	117	1123049	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	515023	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.34	111	382323	27.38	UG/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 109.52%			
33) 1,2-Dichloroethane-d4	11.19	65	317123	26.42	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 105.68%			
45) Toluene-d8	14.52	98	1530510	26.71	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 106.84%			
66) p-Bromofluorobenzene	19.39	95	597948	27.88	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 111.52%			
Target Compounds						Qvalue
5) Bromomethane	4.48	94	5134	84.52	UG/L #	39
11) Acetone	6.14	43	7340	532.86	UG/L #J	83
14) Iodomethane	6.95	142	4752	41.29	UG/L #	76
23) 2-Butanone	9.34	43	56319	1863.35	UG/L #J	91
34) 1,2-Dichloroethane	11.34	62	2248	13.97	UG/L #	77
81) n-Butylbenzene	21.99	91	9857	18.50	UG/L	97
84) 1,2,4-Trichlorobenzene	25.48	180	5505	41.62	UG/L	98
85) Hexachlorobutadiene	25.71	225	6131	107.24	UG/L #J	93
86) Naphthalene	26.02	128	13521	64.37	UG/L #J	76
87) 1,2,3-Trichlorobenzene	26.47	180	8909	88.30	UG/L #J	94

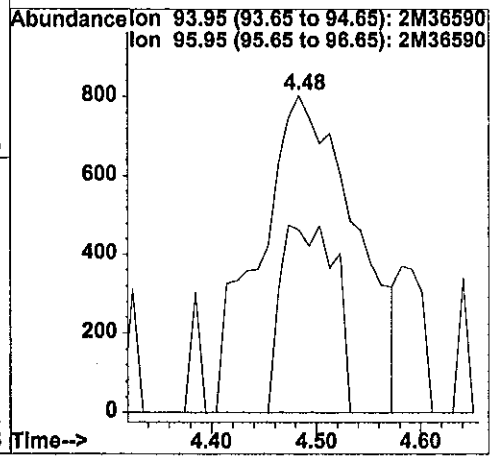
(#) = qualifier out of range (m) = manual integration

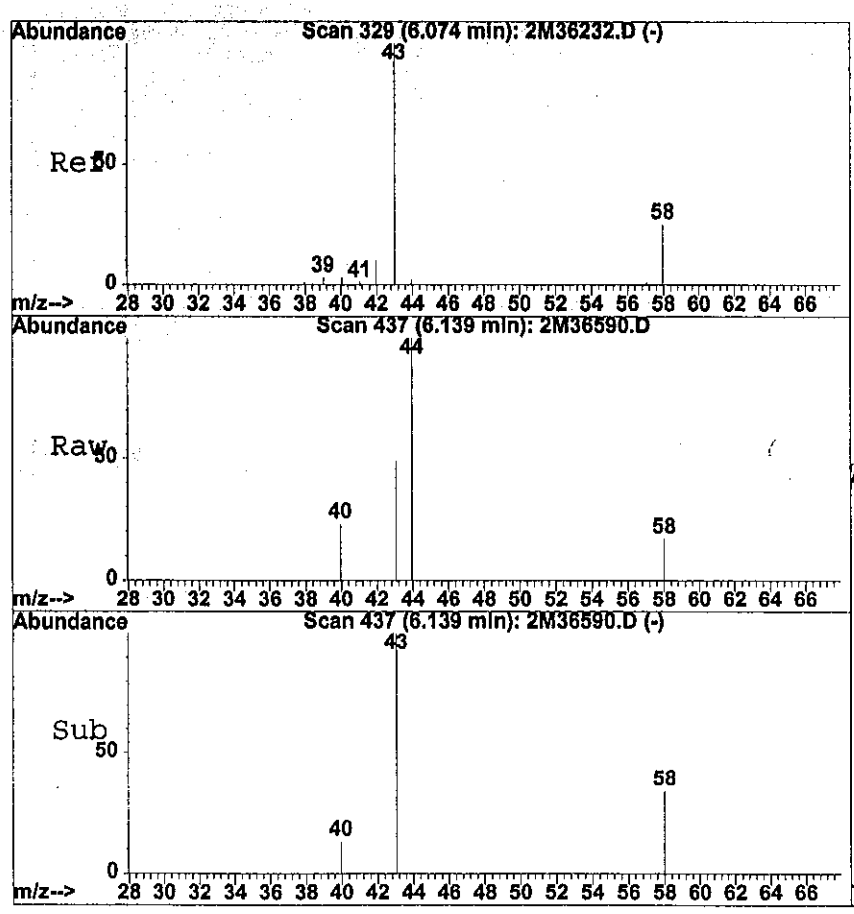


#5
Bromomethane
Concen: 84.52 UG/L
RT: 4.48 min Scan# 269
Delta R.T. -0.02 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion: 94 Resp: 5134

Ion	Ratio	Lower	Upper
94	100		
96	33.5	73.7	110.5#

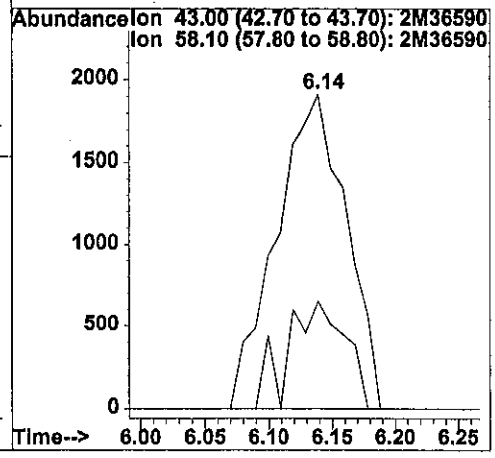


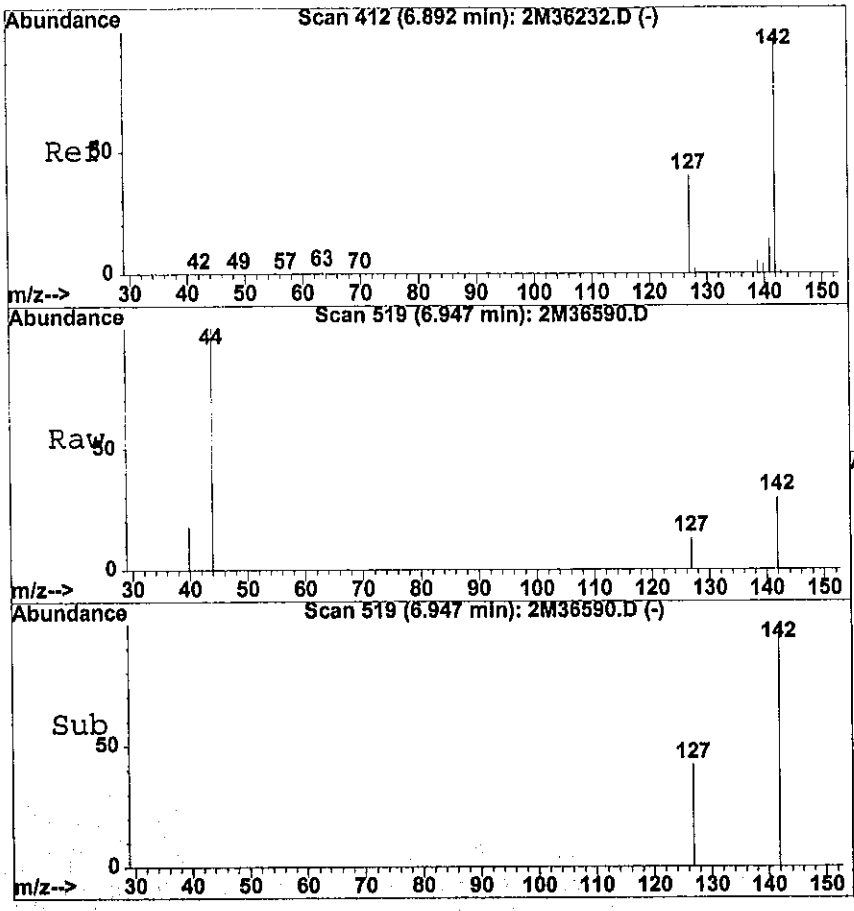


#11
Acetone
Concen: 532.86 UG/L
RT: 6.14 min Scan# 437
Delta R.T. 0.00 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion: 43 Resp: 7340

Ion	Ratio	Lower	Upper
43	100		
58	28.1	16.3	24.5#

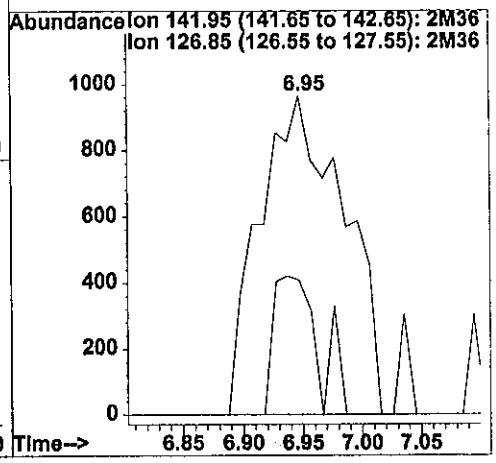


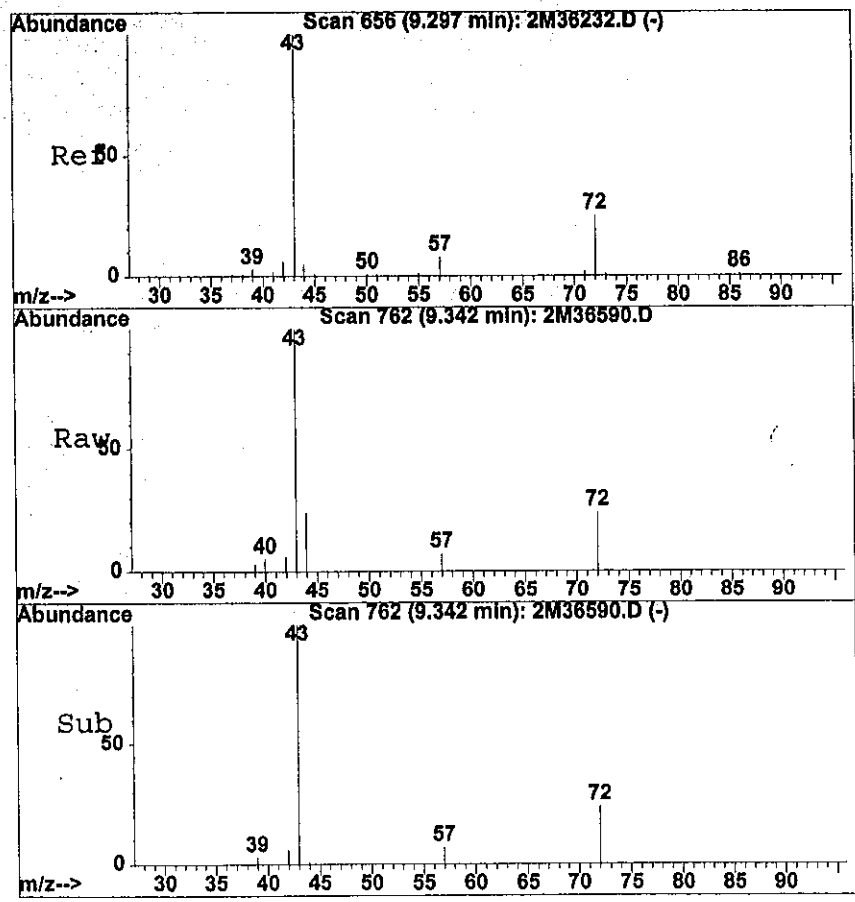


#14
Iodomethane
Concen: 41.29 UG/L
RT: 6.95 min Scan# 519
Delta R.T. 0.01 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion:142 Resp: 4752

Ion	Ratio	Lower	Upper
142	100		
127	23.4	30.4	45.6#

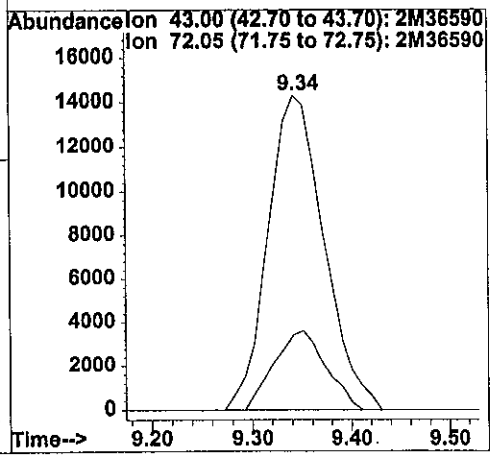


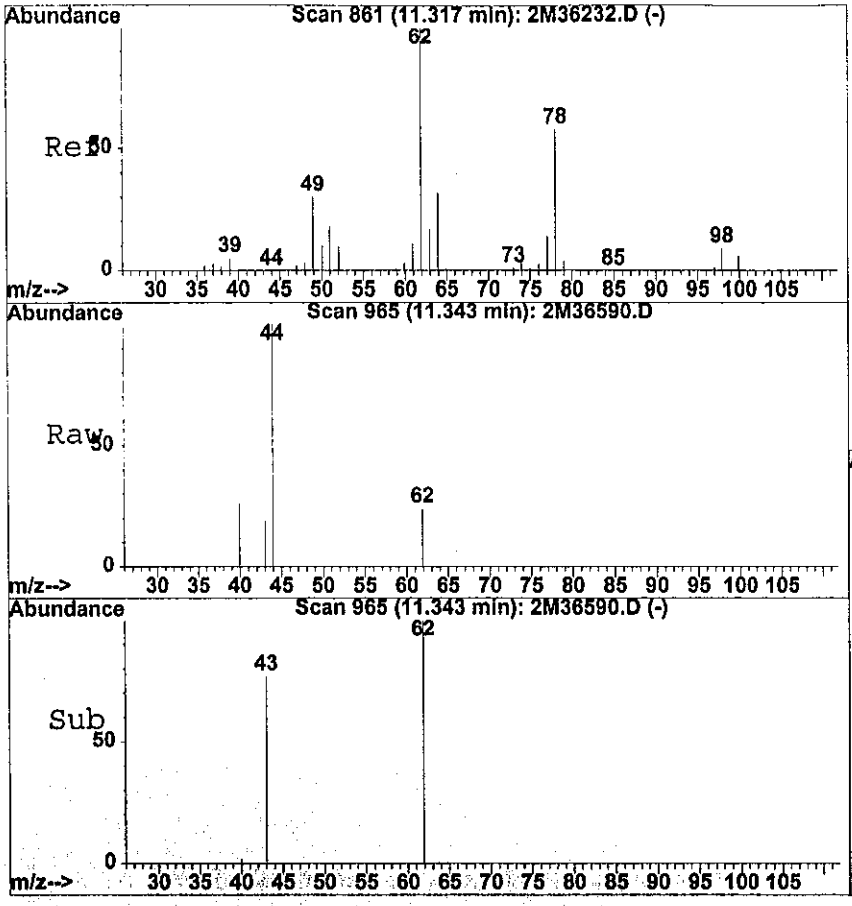


#23
2-Butanone
Concen: 1863.35 UG/L
RT: 9.34 min Scan# 762
Delta R.T. 0.00 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion: 43 Resp: 56319

Ion	Ratio	Lower	Upper
43	100		
72	23.2	15.3	22.9#

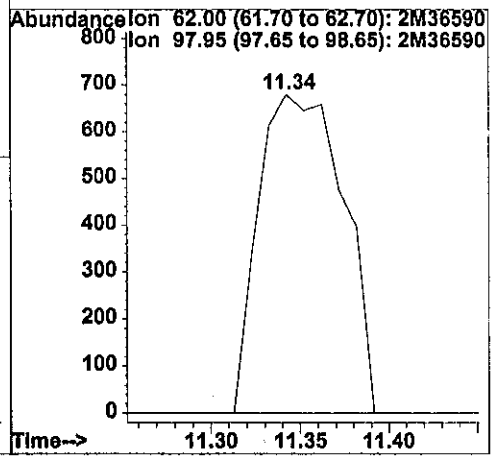


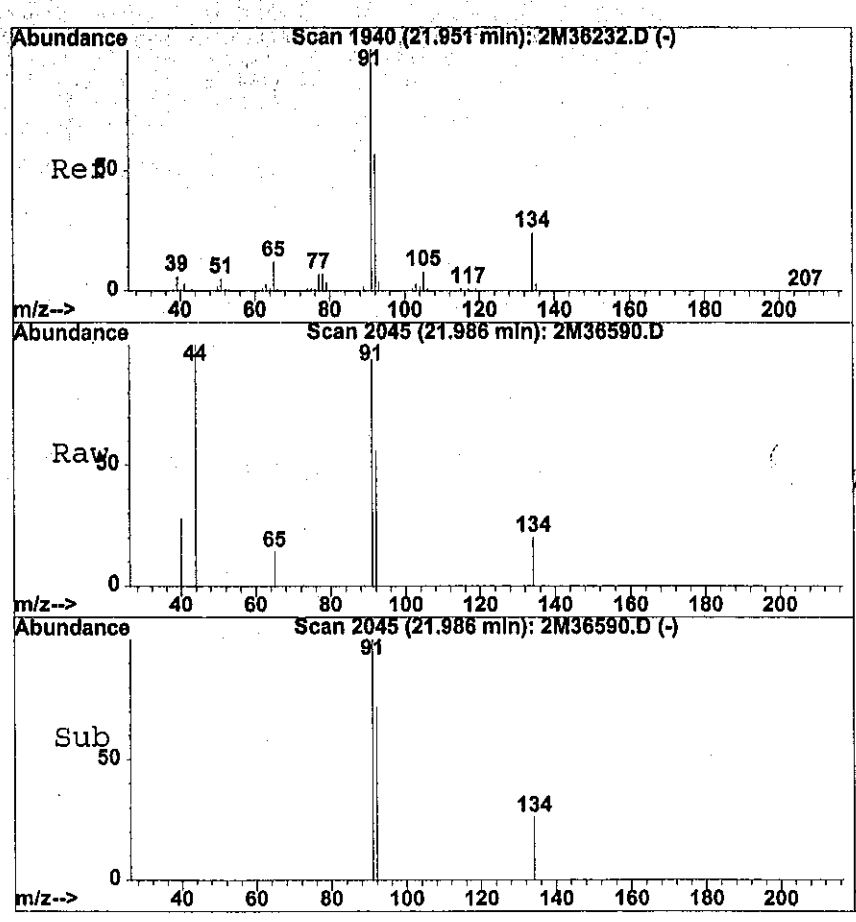


#34
1,2-Dichloroethane
Concen: 13.97 UG/L
RT: 11.34 min Scan# 965
Delta R.T. -0.01 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion: 62 Resp: 2248

Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

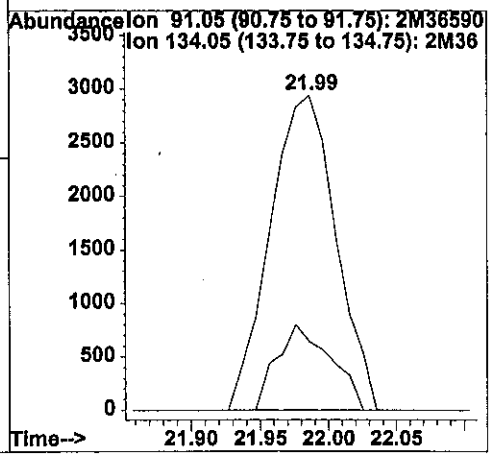


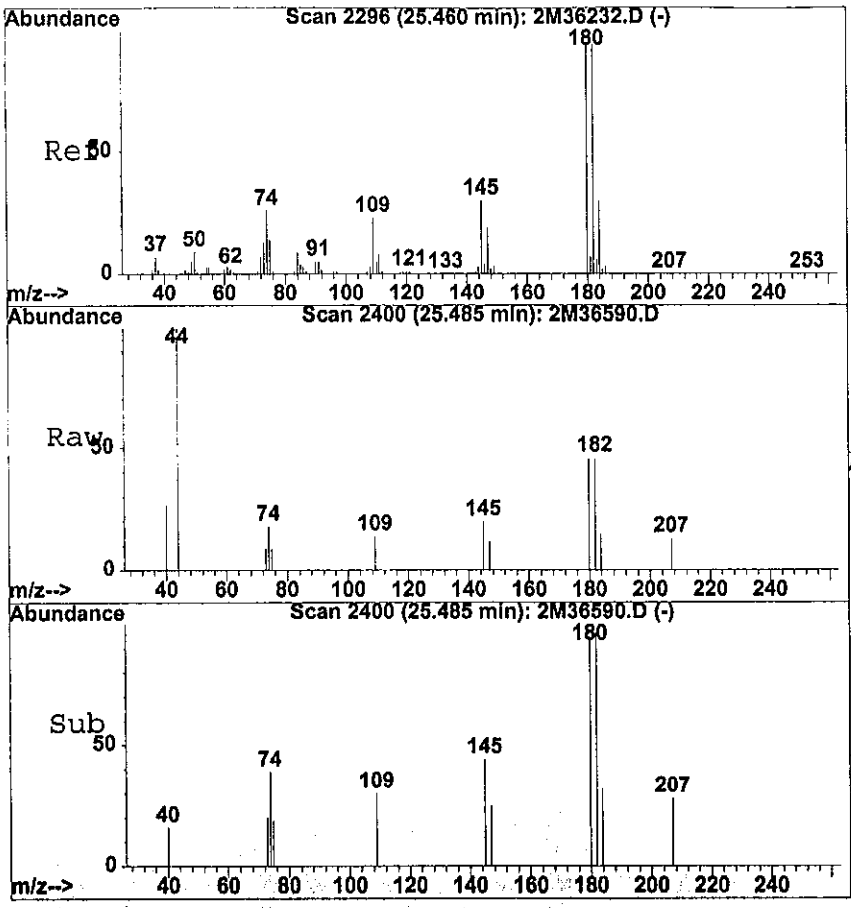


#81
n-Butylbenzene
Concen: 18.50 UG/L
RT: 21.99 min Scan# 2045
Delta R.T. 0.00 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion: 91 Resp: 9857

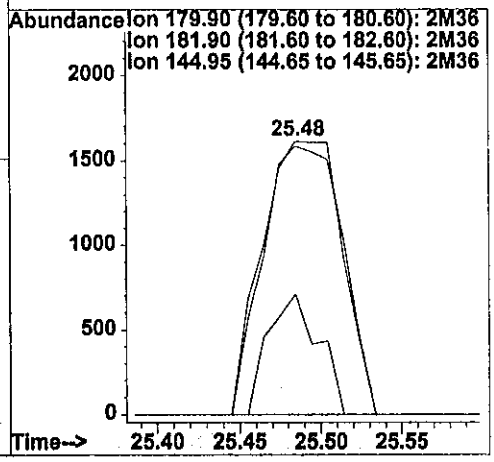
Ion	Ratio	Lower	Upper
91	100		
134	22.3	19.0	28.6

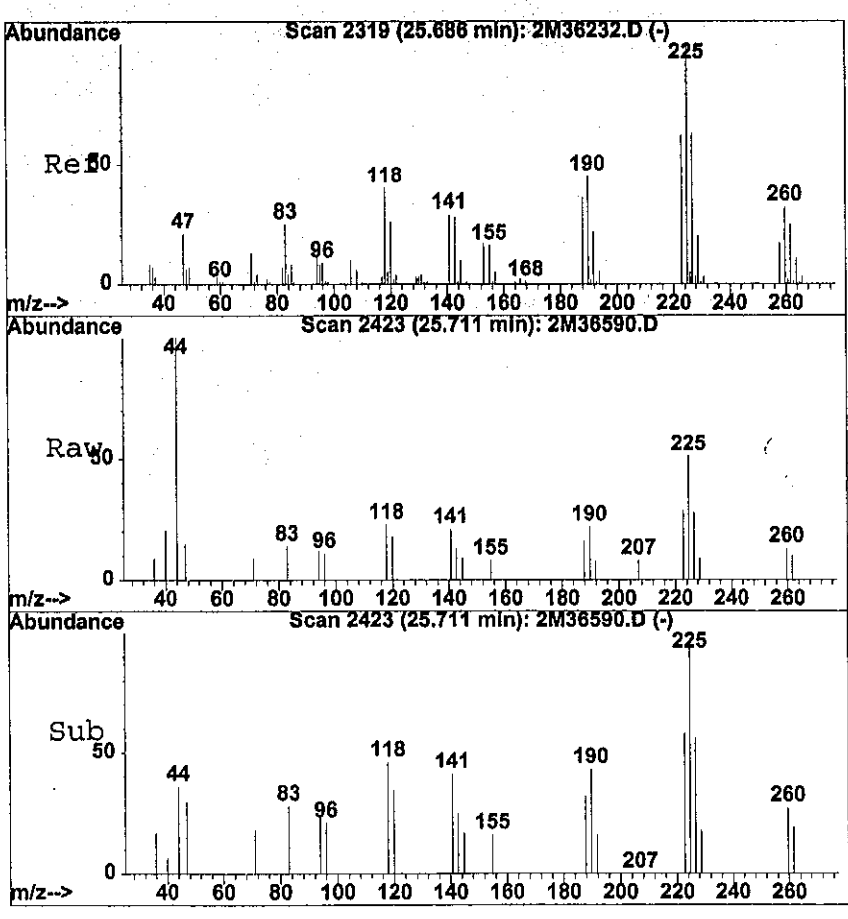




#84
1,2,4-Trichlorobenzene
Concen: 41.62 UG/L
RT: 25.48 min Scan# 2400
Delta R.T. 0.00 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

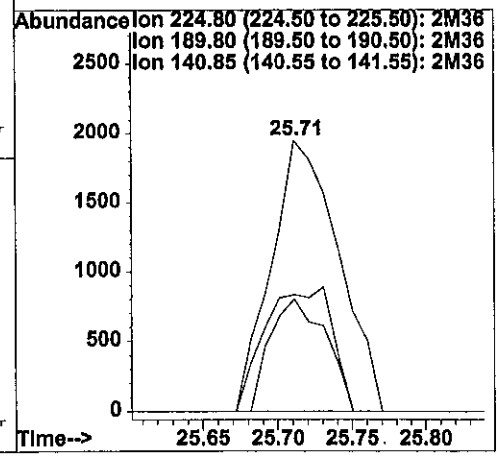
Tgt Ion:180	Resp:	5505	
Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.4	116.2
145	27.8	20.2	30.2

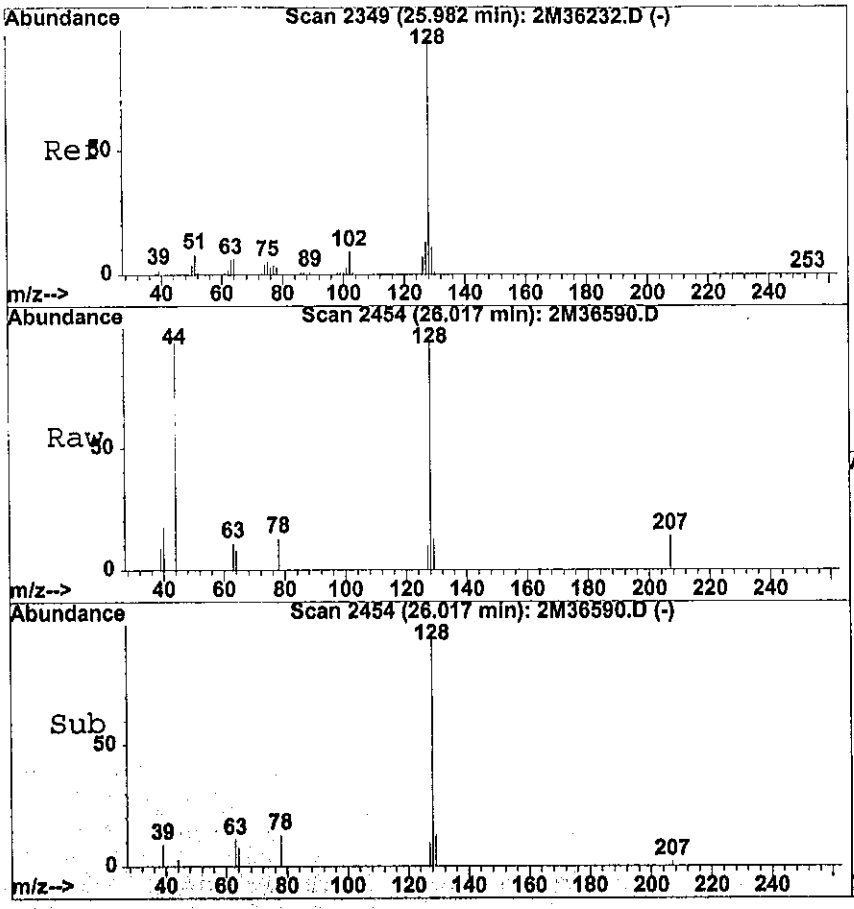




#85
Hexachlorobutadiene
Concen: 107.24 UG/L
RT: 25.71 min Scan# 2423
Delta R.T. -0.01 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion:225	Resp:	6131	
Ion	Ratio	Lower	Upper
225	100		
190	45.1	36.4	54.6
141	34.0	19.4	29.2#

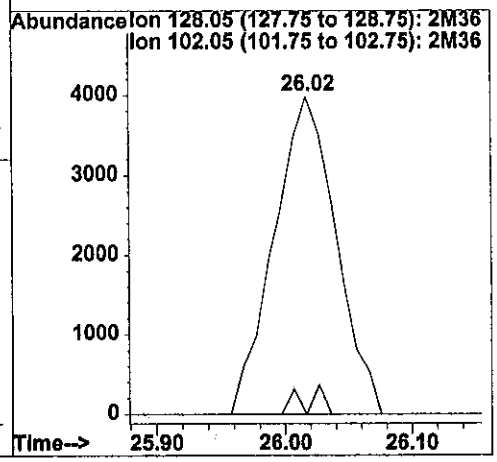


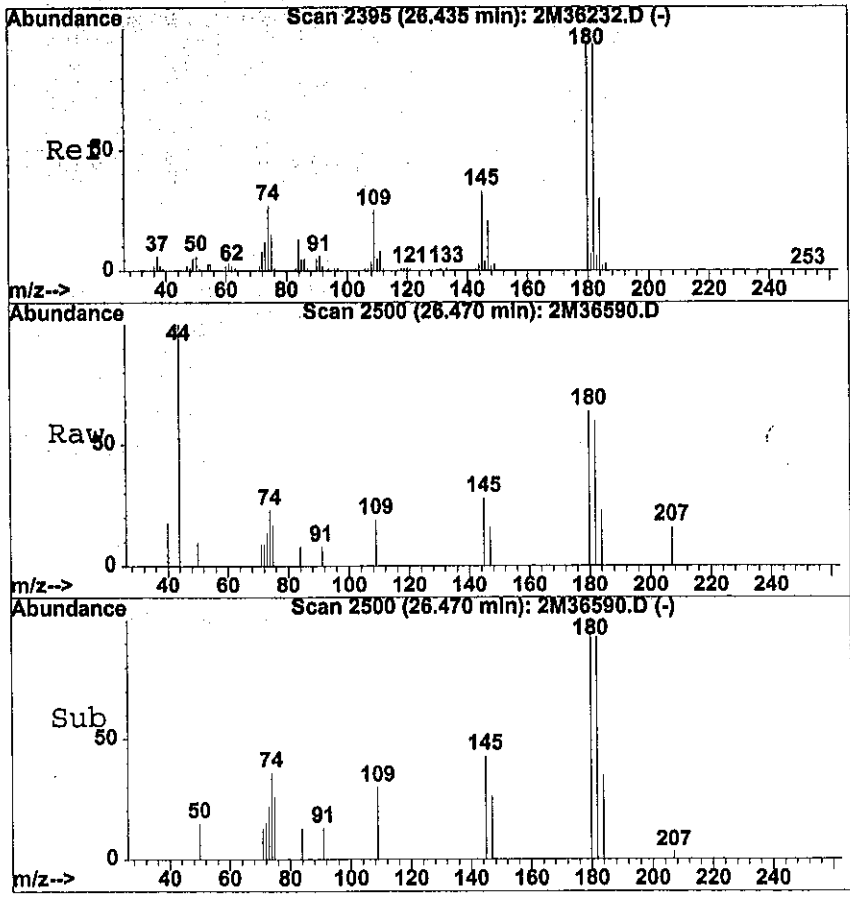


#86
Naphthalene
Concen: 64.37 UG/L
RT: 26.02 min Scan# 2454
Delta R.T. 0.00 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion:128 Resp: 13521

Ion	Ratio	Lower	Upper
128	100		
102	0.0	7.0	10.6#

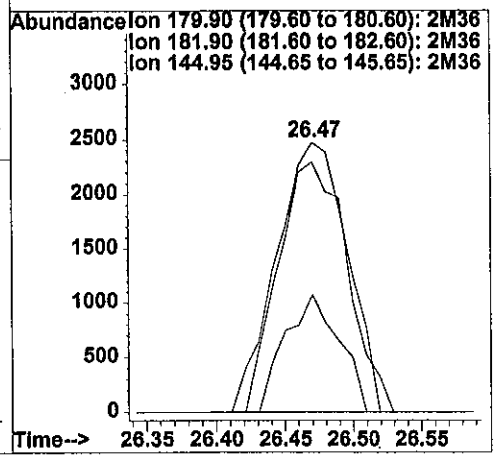




#87
1,2,3-Trichlorobenzene
Concen: 88.30 UG/L
RT: 26.47 min Scan# 2500
Delta R.T. 0.01 min
Lab File: 2M36590.D
Acq: 21 Jun 2000 10:32

Tgt Ion:180 Resp: 8909

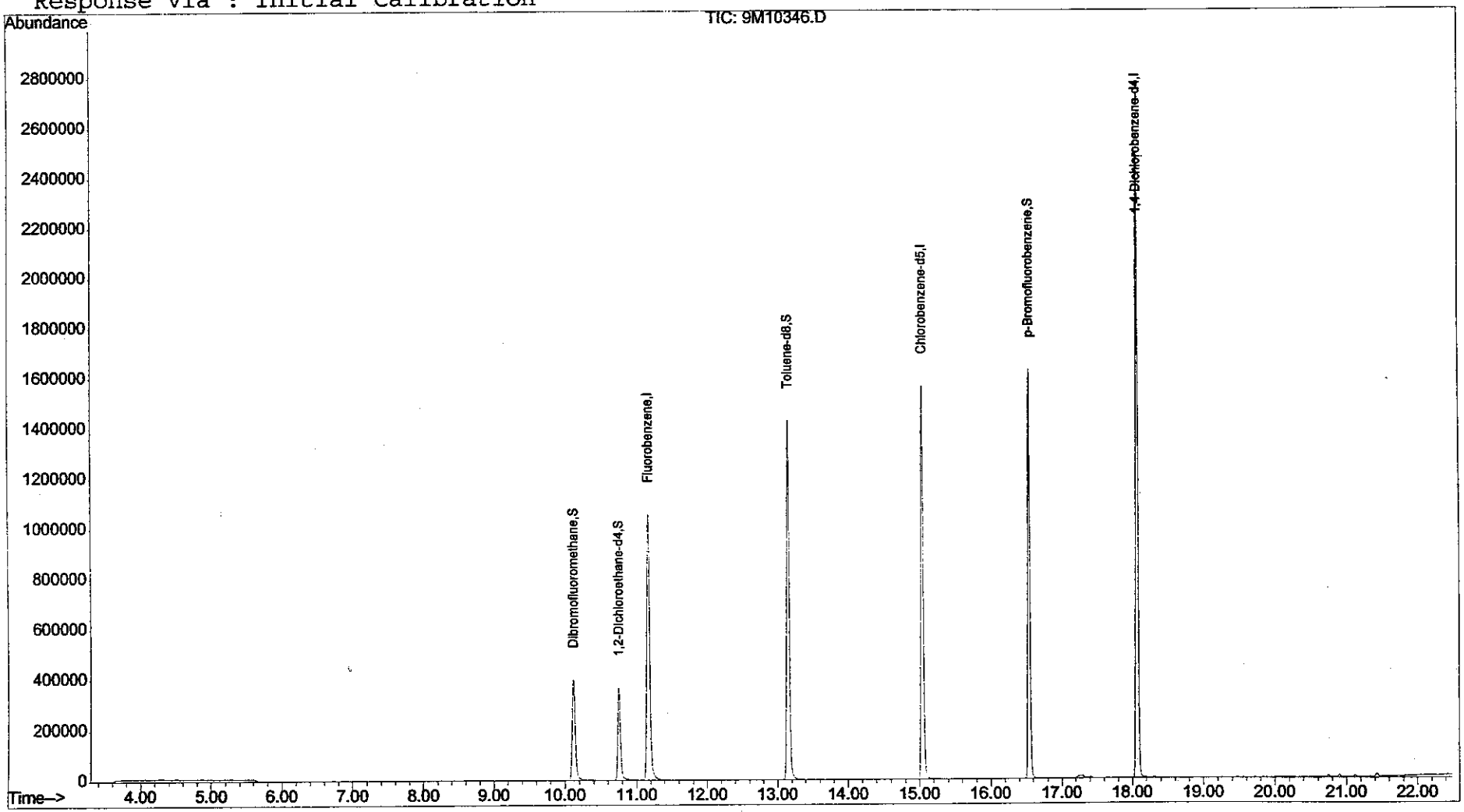
Ion	Ratio	Lower	Upper
180	100		
182	90.5	75.5	113.3
145	33.3	20.4	30.6#



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062900\9M10346.D Vial: 4
Acq On : 29 Jun 2000 8:51 Operator: MES
Sample : WG79903-03 VBLK0629 BLANK M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:14 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



656

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10346.D Vial: 4
Acq On : 29 Jun 2000 8:51 Operator: MES
Sample : WG79903-03 VBLK0629 BLANK M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:14 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.16	96	1384544	25.00	ug/L	0.00
44) Chlorobenzene-d5	15.04	117	1186362	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	893418	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.12	111	356516	22.11	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 88.44%			
33) 1,2-Dichloroethane-d4	10.76	65	418248	21.37	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 85.48%			
45) Toluene-d8	13.15	98	1357862	23.65	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.60%			
66) p-Bromofluorobenzene	16.54	95	715086	26.16	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 104.64%			

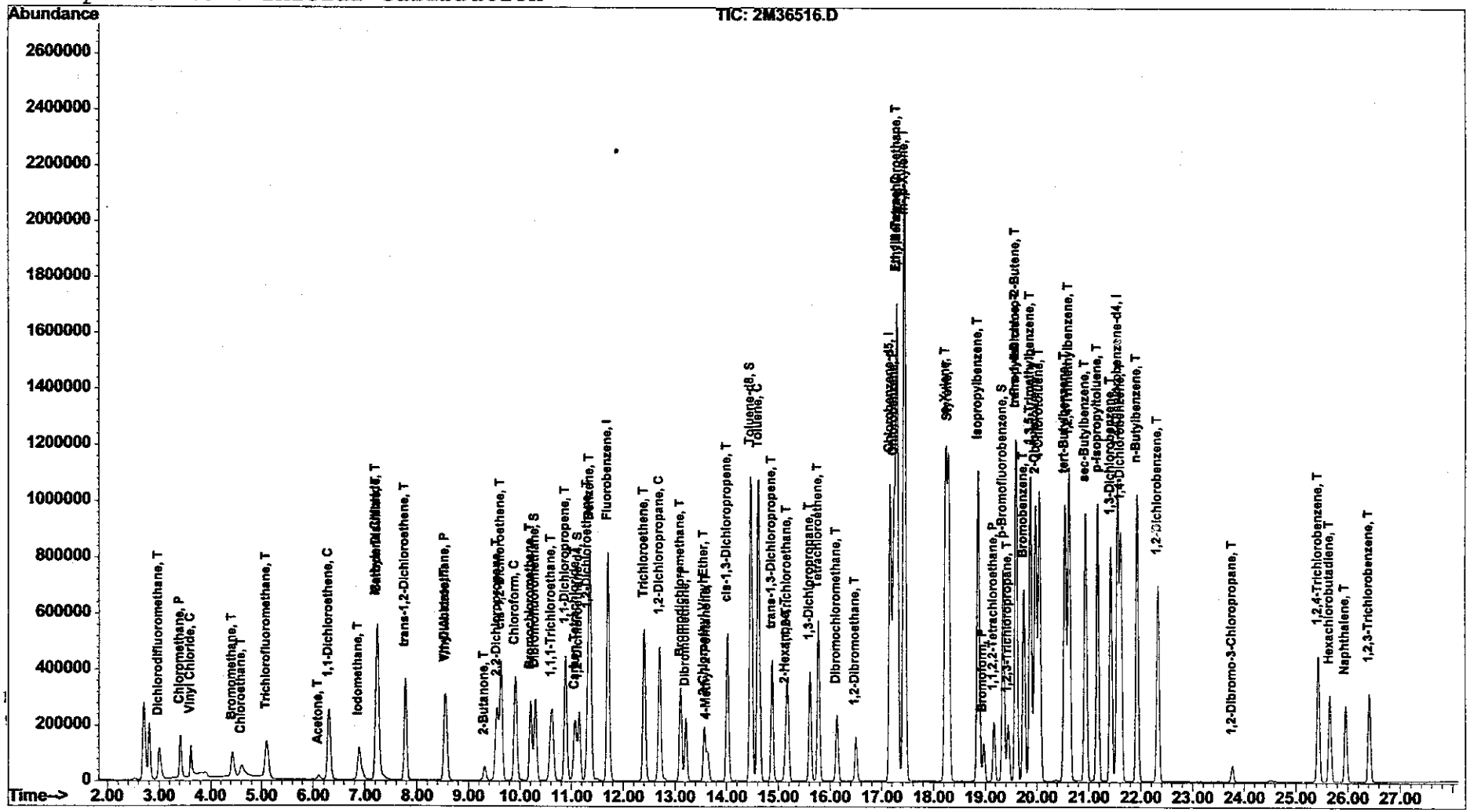
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration
9M10346.D 8260WTR.M Thu Jun 29 09:14:16 2000 HPMS_9 Page 1

Quantitation Report

Data File : C:\HPCHEM\1\DATA\061900\2M36516.D Vial: 4
Acq On : 19 Jun 2000 11:48 Operator: CMS
Sample : WG79178-04 EXTRACT LCS ALT 100X M8260 5G Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:17 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



961

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36516.D Vial: 4
Acq On : 19 Jun 2000 11:48 Operator: CMS
Sample : WG79178-04 EXTRACT LCS ALT 100X M8260 5G Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:17 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.71	96	1415402	25.00	UG/L		-0.05
44) Chlorobenzene-d5	17.17	117	1159074	25.00	UG/L		-0.05
64) 1,4-Dichlorobenzene-d4	21.55	152	579080	25.00	UG/L		-0.05
System Monitoring Compounds							
28) Dibromofluoromethane	10.30	111	357465	25.01	UG/L		-0.04
Spiked Amount 25.000	Range 86 - 118		Recovery = 100.04%				
33) 1,2-Dichloroethane-d4	11.16	65	291015	23.69	UG/L		-0.04
Spiked Amount 25.000	Range 80 - 120		Recovery = 94.76%				
45) Toluene-d8	14.47	98	1441165	24.37	UG/L		-0.05
Spiked Amount 25.000	Range 88 - 110		Recovery = 97.48%				
66) p-Bromofluorobenzene	19.34	95	575820	23.87	UG/L		-0.05
Spiked Amount 25.000	Range 86 - 115		Recovery = 95.48%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.00	85	282817	2059.65	UG/L		94
3) Chloromethane	3.42	50	275224	2401.17	UG/L		98
4) Vinyl Chloride	3.62	62	167289	2131.14	UG/L		97
5) Bromomethane	4.43	94	139949	2250.76	UG/L		98
6) Chloroethane	4.61	64	124949	2106.07	UG/L		91
7) Trichlorofluoromethane	5.10	101	305839	1898.49	UG/L		99
11) Acetone	6.11	43	42590	3020.64	UG/L	#	78
12) 1,1-Dichloroethene	6.31	96	235753	2172.03	UG/L		97
14) Iodomethane	6.89	142	320311	2718.96	UG/L		99
15) Methylene Chloride	7.22	84	338632	2465.25	UG/L		94
16) Carbon Disulfide	7.24	76	938865	1760.63	UG/L		98
19) trans-1,2-Dichloroethene	7.77	96	274467	2085.61	UG/L		86
21) Vinyl Acetate	8.55	43	143258	808.88	UG/L		100
22) 1,1-Dichloroethane	8.55	63	599022	2083.02	UG/L		98
23) 2-Butanone	9.31	43	131234	4241.86	UG/L	#	91
24) 2,2-Dichloropropane	9.56	77	429365	1944.28	UG/L		99
25) cis-1,2-Dichloroethene	9.64	96	339500	2040.98	UG/L	#	66
26) Chloroform	9.91	83	606383	2174.19	UG/L		95
27) Bromochloromethane	10.21	128	140339	2091.94	UG/L		100
29) 1,1,1-Trichloroethane	10.62	97	391685	1990.19	UG/L		89
31) 1,1-Dichloropropene	10.89	75	457414	2372.21	UG/L	#	80
32) Carbon Tetrachloride	11.08	117	312113	2003.54	UG/L		98
34) 1,2-Dichloroethane	11.31	62	337903	2050.77	UG/L		99
35) Benzene	11.36	78	1463375	2068.02	UG/L		94
36) Trichloroethene	12.41	130	357861	2185.95	UG/L		94
37) 1,2-Dichloropropane	12.70	63	391208	2063.78	UG/L	#	81

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36516.D Vial: 4
Acq On : 19 Jun 2000 11:48 Operator: CMS
Sample : WG79178-04 EXTRACT LCS ALT 100X M8260 5G Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:17 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
38)	Bromodichloromethane	13.11	83	449042	2149.50	UG/L		97
39)	Dibromomethane	13.21	93	164937	2070.26	UG/L	#	69
40)	2-Chloroethyl Vinyl Ether	13.57	63	160414	2181.86	UG/L	#	88
41)	4-Methyl-2-Pentanone	13.63	58	65755	2113.54	UG/L	#	86
42)	cis-1,3-Dichloropropene	14.02	75	603714	2294.33	UG/L		93
46)	Toluene	14.61	91	1590996	1992.29	ug/L		98
48)	trans-1,3-Dichloropropene	14.88	75	458087	1931.68	ug/L		97
49)	1,1,2-Trichloroethane	15.18	97	214317	1954.57	UG/L	#	89
50)	2-Hexanone	15.14	43	110325	1799.06	UG/L		86
51)	1,3-Dichloropropane	15.61	76	448566	1889.27	UG/L	#	81
52)	Tetrachloroethene	15.78	164	276863	2005.03	UG/L	#	76
53)	Dibromochloromethane	16.13	129	259476	1934.09	UG/L		99
54)	1,2-Dibromoethane	16.50	107	220136	1921.70	UG/L		99
56)	Chlorobenzene	17.24	112	963190	2026.82	UG/L	#	68
57)	1,1,1,2-Tetrachloroethane	17.29	131	303786	1987.95	UG/L		93
58)	Ethylbenzene	17.29	106	511914	2037.97	UG/L		96
59)	m-,p-Xylene	17.43	106	1277056	4224.41	UG/L		98
60)	o-Xylene	18.23	106	636620	2097.32	UG/L		97
61)	Styrene	18.29	104	1091494	2090.74	UG/L	#	84
62)	Bromoform	18.96	173	128862	1899.01	UG/L	#	94
63)	Isopropylbenzene	18.86	105	1566028	2038.64	ug/L		95
65)	1,1,2,2-Tetrachloroethane	19.17	83	262107	1872.43	UG/L		97
67)	1,2,3-Trichloropropane	19.44	110	56293	1899.02	UG/L	#	78
68)	trans-1,4-Dichloro-2-Buten	19.60	53	9844	278.27	UG/L	#	1
69)	n-Propylbenzene	19.59	91	2166611	2024.00	UG/L		99
70)	Bromobenzene	19.75	156	372107	1891.85	UG/L		97
71)	1,3,5-Trimethylbenzene	19.88	105	1293455	1973.41	UG/L		95
72)	2-Chlorotoluene	19.98	91	1282844	1918.36	UG/L		98
73)	4-Chlorotoluene	20.04	91	1294613	2027.15	UG/L		97
75)	tert-Butylbenzene	20.54	119	1178864	1915.09	UG/L		93
76)	1,2,4-Trimethylbenzene	20.62	105	1337929	2041.21	UG/L		93
77)	sec-Butylbenzene	20.93	105	1494518	1931.05	UG/L		100
78)	p-Isopropyltoluene	21.17	119	1227532	1979.92	UG/L		100
79)	1,3-Dichlorobenzene	21.42	146	740528	1984.55	UG/L		93
80)	1,4-Dichlorobenzene	21.61	146	733887	1956.98	UG/L		91
81)	n-Butylbenzene	21.93	91	1263462	2108.73	UG/L		98
82)	1,2-Dichlorobenzene	22.32	146	622075	1952.61	UG/L		91
83)	1,2-Dibromo-3-Chloropropan	23.77	157	35896	1916.01	UG/L	#	77
84)	1,2,4-Trichlorobenzene	25.44	180	295148	1984.44	UG/L	#	95
85)	Hexachlorobutadiene	25.66	225	122890	1911.77	UG/L	#	90
86)	Naphthalene	25.96	128	469203	1986.73	UG/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\061900\2M36516.D Vial: 4
Acq On : 19 Jun 2000 11:48 Operator: CMS
Sample : WG79178-04 EXTRACT LCS ALT 100X M8260 5G Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 19 12:17 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

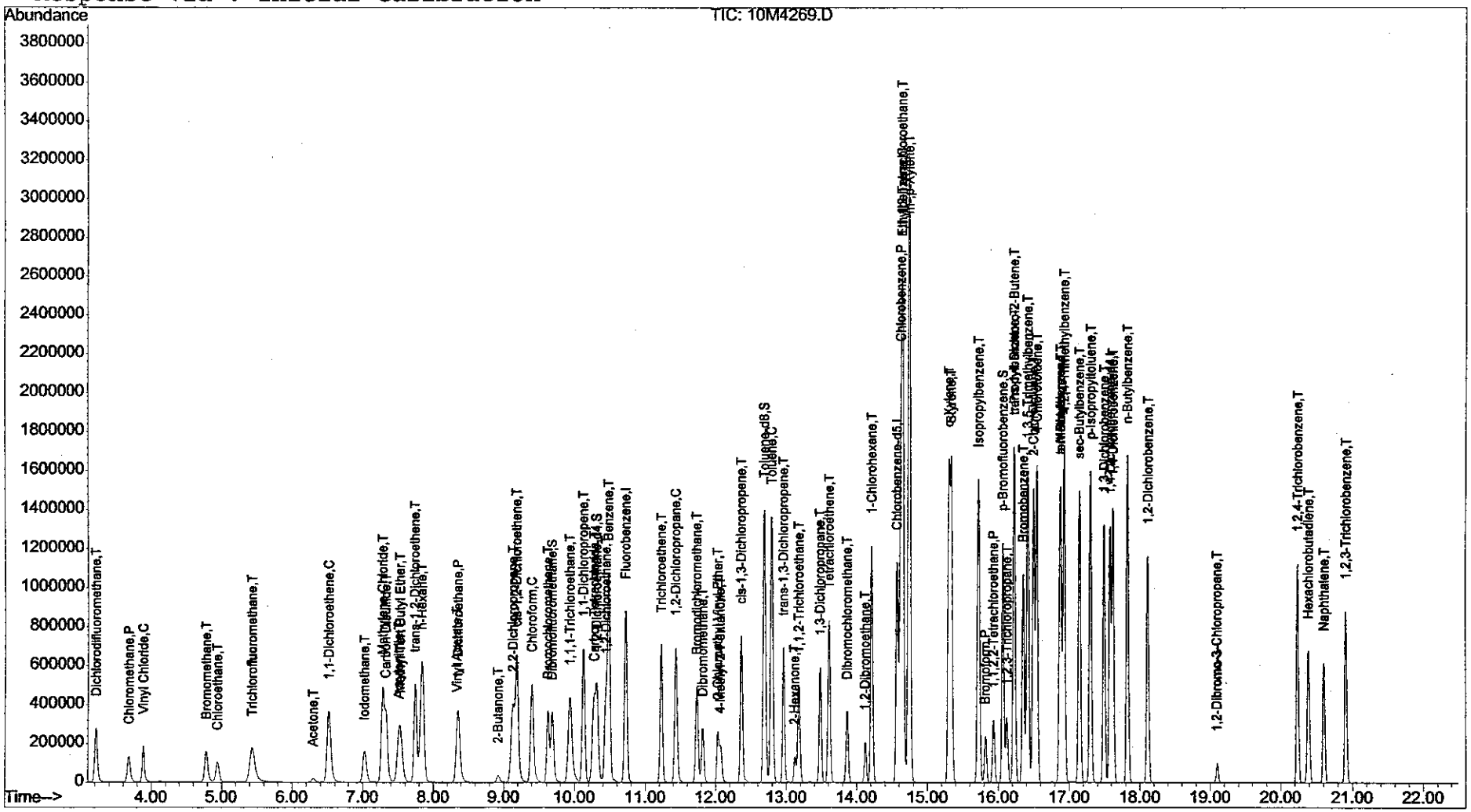
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
87) 1,2,3-Trichlorobenzene	26.41	180	207695	1830.91	UG/L	#	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4269.D Vial: 5
Acq On : 20 Jun 2000 10:38 Operator: MES
Sample : WG79271-04 20PPB LCS M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 11:03 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



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Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4269.D Vial: 5
Acq On : 20 Jun 2000 10:38 Operator: MES
Sample : WG79271-04 20PPB LCS M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 11:03 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	10.72	96	941577	25.00	ug/L		0.00
44) Chlorobenzene-d5	14.57	117	675550	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	381096	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	9.68	111	309578	23.21	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 92.84%				
33) 1,2-Dichloroethane-d4	10.32	65	419624	23.59	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 94.36%				
45) Toluene-d8	12.69	98	1124866	23.50	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 94.00%				
66) p-Bromofluorobenzene	16.07	95	499143	24.26	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 97.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.21	85	416384	25.81	ug/L		96
3) Chloromethane	3.68	50	244984	23.91	ug/L		96
4) Vinyl Chloride	3.89	62	244754	22.97	ug/L		96
5) Bromomethane	4.78	94	197771	20.54	ug/L		99
6) Chloroethane	4.93	64	177195	21.11	ug/L		99
7) Trichlorofluoromethane	5.43	101	428318	21.63	ug/L		98
11) Acetone	6.29	43	47751	20.29	ug/L		92
12) 1,1-Dichloroethene	6.51	96	223013	22.19	ug/L	#	57
14) Iodomethane	7.02	142	261919	25.14	ug/L	#	72
15) Methylene Chloride	7.28	84	251471	19.66	ug/L		90
16) Carbon Disulfide	7.33	76	723334	17.86	ug/L		100
17) Acrylonitrile	7.51	53	4506	1.49	ug/L	#	7
18) Methyl Tert Butyl Ether	7.52	73	544142	20.29	ug/L		93
19) trans-1,2-Dichloroethene	7.74	96	262979	22.58	ug/L	#	61
20) n-Hexane	7.84	57	519494	22.16	ug/L		93
21) Vinyl Acetate	8.33	43	122241	5.42	ug/L		96
22) 1,1-Dichloroethane	8.35	63	638560	20.85	ug/L		99
23) 2-Butanone	8.92	43	73904	21.95	ug/L		94
24) 2,2-Dichloropropane	9.13	77	517755	20.70	ug/L		91
25) cis-1,2-Dichloroethene	9.19	96	279359	21.83	ug/L	#	62
26) Chloroform	9.40	83	594656	21.35	ug/L		98
27) Bromochloromethane	9.62	128	98103	21.28	ug/L	#	77
29) 1,1,1-Trichloroethane	9.93	97	562191	21.07	ug/L	#	92
31) 1,1-Dichloropropene	10.13	75	432250	25.64	ug/L	#	87
32) Carbon Tetrachloride	10.28	117	471718	21.86	ug/L		100
34) 1,2-Dichloroethane	10.44	62	496706	22.19	ug/L	#	96
35) Benzene	10.48	78	1153376	21.05	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4269.D Vial: 5
Acq On : 20 Jun 2000 10:38 Operator: MES
Sample : WG79271-04 20PPB LCS M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 11:03 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
36)	Trichloroethene	11.23	130	249035	21.60	ug/L	#	86
37)	1,2-Dichloropropane	11.44	63	311279	21.40	ug/L	#	78
38)	Bromodichloromethane	11.74	83	420895	22.09	ug/L		99
39)	Dibromomethane	11.82	93	133625	21.88	ug/L		96
40)	2-Chloroethyl Vinyl Ether	12.03	63	117629	18.90	ug/L		95
41)	4-Methyl-2-Pentanone	12.07	58	64321	23.55	ug/L	#	93
42)	cis-1,3-Dichloropropene	12.37	75	468581	23.24	ug/L	#	90
46)	Toluene	12.79	91	1236411	21.73	ug/L		98
48)	trans-1,3-Dichloropropene	12.96	75	424153	22.05	ug/L	#	86
49)	1,1,2-Trichloroethane	13.17	97	181594	21.94	ug/L		96
50)	2-Hexanone	13.12	43	118791	22.37	ug/L	#	94
51)	1,3-Dichloropropane	13.48	76	356619	22.06	ug/L		89
52)	Tetrachloroethene	13.61	164	228393	21.24	ug/L		98
53)	Dibromochloromethane	13.87	129	225638	21.36	ug/L		100
54)	1,2-Dibromoethane	14.12	107	163553	21.70	ug/L		98
55)	1-Chlorohexane	14.21	91	402261	19.88	ug/L	#	78
56)	Chlorobenzene	14.63	112	782824	19.91	ug/L		99
57)	1,1,1,2-Tetrachloroethane	14.65	131	284711	19.97	ug/L		99
58)	Ethylbenzene	14.65	106	441812	21.52	ug/L		82
59)	m-,p-Xylene	14.74	106	1099454	43.33	ug/L		76
60)	o-Xylene	15.30	106	512733	20.46	ug/L		77
61)	Styrene	15.34	104	871239	22.17	ug/L	#	76
62)	Bromoform	15.82	173	137728	21.31	ug/L		99
63)	Isopropylbenzene	15.72	105	1345271	19.54	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	193595	22.77	ug/L		98
67)	1,2,3-Trichloropropane	16.12	110	61852	22.59	ug/L		79
68)	trans-1,4-Dichloro-2-Buten	16.23	53	12448	3.06	ug/L	#	1
69)	n-Propylbenzene	16.23	91	1803556	22.46	ug/L		91
70)	Bromobenzene	16.35	156	312700	20.20	ug/L		88
71)	1,3,5-Trimethylbenzene	16.42	105	1203801	22.32	ug/L		89
72)	2-Chlorotoluene	16.50	91	1109996	20.18	ug/L	#	85
73)	4-Chlorotoluene	16.55	91	1113816	19.88	ug/L		88
74)	a-Methylstyrene	16.88	118	18088	0.64	ug/L	#	1
75)	tert-Butylbenzene	16.88	119	1008975	21.21	ug/L	#	67
76)	1,2,4-Trimethylbenzene	16.93	105	1264554	20.95	ug/L		89
77)	sec-Butylbenzene	17.14	105	1382481	20.92	ug/L		93
78)	p-Isopropyltoluene	17.30	119	1189462	19.67	ug/L		94
79)	1,3-Dichlorobenzene	17.50	146	609486	19.89	ug/L		92
80)	1,4-Dichlorobenzene	17.62	146	620562	20.62	ug/L		90
81)	n-Butylbenzene	17.82	91	1242953	22.63	ug/L	#	91
82)	1,2-Dichlorobenzene	18.12	146	528250	21.45	ug/L		91

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4269.D Vial: 5
Acq On : 20 Jun 2000 10:38 Operator: MES
Sample : WG79271-04 20PPB LCS M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 11:03 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
83)	1,2-Dibromo-3-Chloropropan	19.10	157	27799	18.22	ug/L	#	54
84)	1,2,4-Trichlorobenzene	20.24	180	395704	19.99	ug/L		97
85)	Hexachlorobutadiene	20.39	225	194843	19.90	ug/L		95
86)	Naphthalene	20.61	128	522347	20.73	ug/L		100
87)	1,2,3-Trichlorobenzene	20.91	180	315151	22.77	ug/L		97

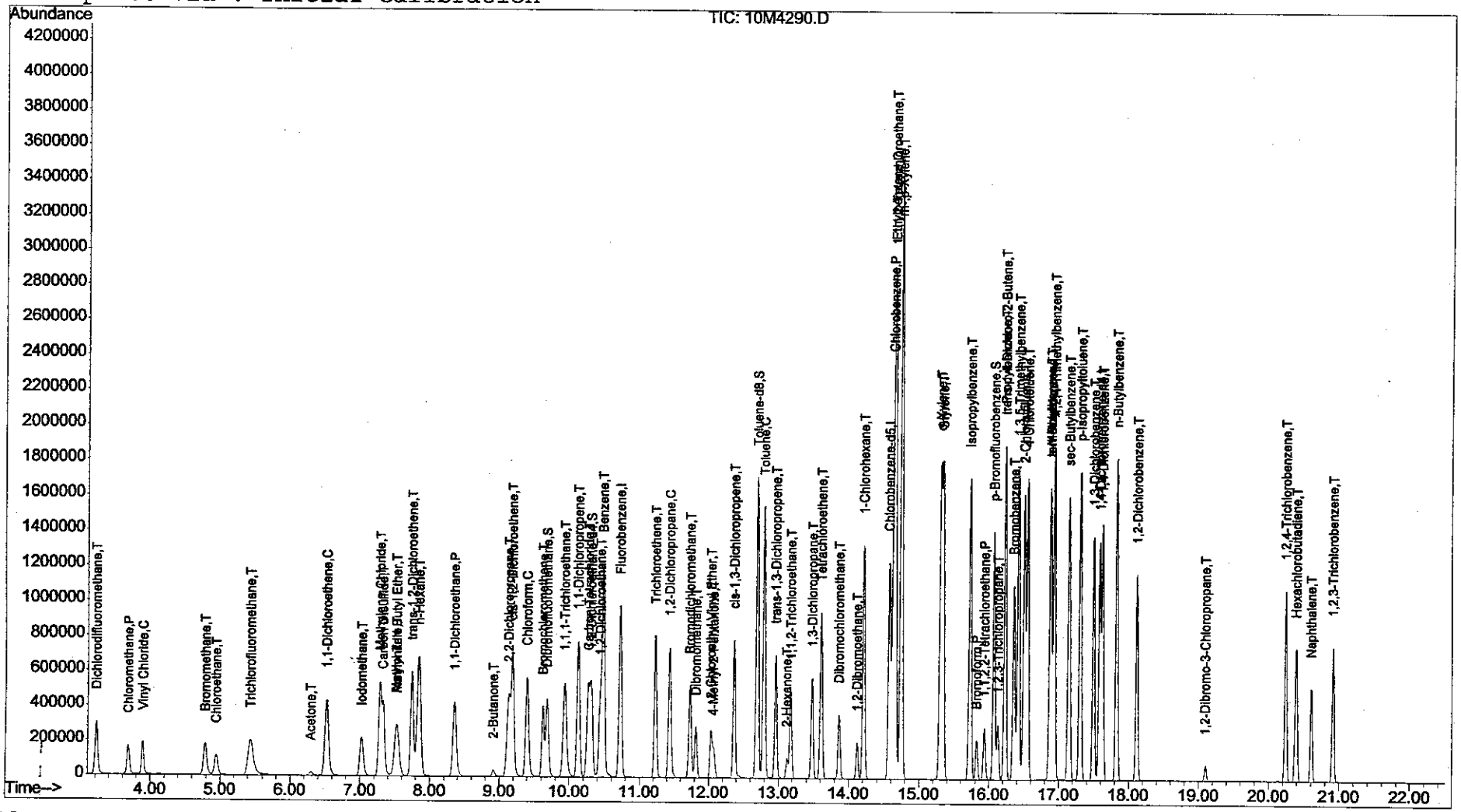
968

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062000\10M4290.D Vial: 4
Acq On : 20 Jun 2000 22:52 Operator: MES
Sample : WG79341-04 20PPB LCS Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 20 23:14 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4290.D
Acq On : 20 Jun 2000 22:52
Sample : WG79341-04 20PPB LCS
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 23:14 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00
Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	1109356	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	762991	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	404689	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	376912	23.99	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 95.96%			
33) 1,2-Dichloroethane-d4	10.32	65	462594	22.07	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 88.28%			
45) Toluene-d8	12.69	98	1431029	26.47	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 105.88%			
66) p-Bromofluorobenzene	16.07	95	593323	27.15	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.60%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	464949	24.46	ug/L	94
3) Chloromethane	3.68	50	286334	23.72	ug/L	96
4) Vinyl Chloride	3.89	62	253546	20.09	ug/L	94
5) Bromomethane	4.79	94	223784	19.73	ug/L	99
6) Chloroethane	4.94	64	198772	20.10	ug/L	99
7) Trichlorofluoromethane	5.44	101	480420	20.59	ug/L	98
11) Acetone	6.30	43	48090	17.35	ug/L	93
12) 1,1-Dichloroethene	6.52	96	277418	23.43	ug/L #	67
14) Iodomethane	7.02	142	378199	30.81	ug/L #	80
15) Methylene Chloride	7.28	84	292973	19.44	ug/L	97
16) Carbon Disulfide	7.33	76	855245	17.92	ug/L	99
17) Acrylonitrile	7.52	53	5032	1.41	ug/L #	7
18) Methyl Tert Butyl Ether	7.53	73	580292	18.36	ug/L	93
19) trans-1,2-Dichloroethene	7.75	96	319022	23.24	ug/L #	68
20) n-Hexane	7.85	57	610800	22.11	ug/L	93
22) 1,1-Dichloroethane	8.36	63	734491	20.35	ug/L	99
23) 2-Butanone	8.92	43	75039	18.91	ug/L	97
24) 2,2-Dichloropropane	9.14	77	606545	20.58	ug/L	92
25) cis-1,2-Dichloroethene	9.19	96	331667	22.00	ug/L #	69
26) Chloroform	9.40	83	668392	20.37	ug/L	99
27) Bromochloromethane	9.63	128	111493	20.52	ug/L	83
29) 1,1,1-Trichloroethane	9.94	97	646595	20.57	ug/L #	93
31) 1,1-Dichloropropene	10.13	75	511287	25.74	ug/L #	88
32) Carbon Tetrachloride	10.27	117	547538	21.53	ug/L	100
34) 1,2-Dichloroethane	10.44	62	502089	19.04	ug/L #	99
35) Benzene	10.48	78	1357048	21.02	ug/L	98
36) Trichloroethene	11.23	130	298934	22.01	ug/L #	88

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4290.D
Acq On : 20 Jun 2000 22:52
Sample : WG79341-04 20PPB LCS
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 23:14 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
37)	1,2-Dichloropropane	11.44	63	355415	20.74	ug/L	#	83
38)	Bromodichloromethane	11.74	83	458759	20.44	ug/L		98
39)	Dibromomethane	11.82	93	141121	19.61	ug/L		98
40)	2-Chloroethyl Vinyl Ether	12.03	63	126859	17.30	ug/L		97
41)	4-Methyl-2-Pentanone	12.07	58	62996	19.58	ug/L	#	93
42)	cis-1,3-Dichloropropene	12.37	75	513737	21.62	ug/L	#	90
46)	Toluene	12.80	91	1433062	22.30	ug/L		99
48)	trans-1,3-Dichloropropene	12.96	75	437620	20.14	ug/L	#	88
49)	1,1,2-Trichloroethane	13.18	97	186818	19.98	ug/L		97
50)	2-Hexanone	13.12	43	104953	17.50	ug/L	#	67
51)	1,3-Dichloropropane	13.48	76	369796	20.26	ug/L		97
52)	Tetrachloroethene	13.61	164	269666	22.21	ug/L		96
53)	Dibromochloromethane	13.87	129	232831	19.52	ug/L		100
54)	1,2-Dibromoethane	14.12	107	171427	20.14	ug/L		97
55)	1-Chlorohexane	14.22	91	475775	20.81	ug/L		86
56)	Chlorobenzene	14.63	112	876414	19.73	ug/L		100
57)	1,1,1,2-Tetrachloroethane	14.66	131	302319	18.73	ug/L		99
58)	Ethylbenzene	14.65	106	504514	21.76	ug/L		83
59)	m-,p-Xylene	14.74	106	1253894	43.75	ug/L		79
60)	o-Xylene	15.30	106	581565	20.55	ug/L		78
61)	Styrene	15.34	104	958586	21.60	ug/L	#	77
62)	Bromoform	15.83	173	131771	18.05	ug/L		99
63)	Isopropylbenzene	15.73	105	1530984	19.69	ug/L		93
65)	1,1,2,2-Tetrachloroethane	15.93	83	182301	20.19	ug/L		98
67)	1,2,3-Trichloropropane	16.13	110	57986	19.94	ug/L		79
68)	trans-1,4-Dichloro-2-Buten	16.23	53	13163	3.04	ug/L	#	1
69)	n-Propylbenzene	16.23	91	2035698	23.88	ug/L		92
70)	Bromobenzene	16.36	156	337595	20.53	ug/L		87
71)	1,3,5-Trimethylbenzene	16.42	105	1342952	23.45	ug/L		90
72)	2-Chlorotoluene	16.50	91	1311521	22.46	ug/L	#	81
73)	4-Chlorotoluene	16.55	91	1230560	20.69	ug/L		89
74)	a-Methylstyrene	16.87	118	19632	0.65	ug/L	#	1
75)	tert-Butylbenzene	16.88	119	1127062	22.31	ug/L	#	69
76)	1,2,4-Trimethylbenzene	16.93	105	1396670	21.79	ug/L		90
77)	sec-Butylbenzene	17.15	105	1548925	22.07	ug/L		93
78)	p-Isopropyltoluene	17.31	119	1334855	20.79	ug/L		94
79)	1,3-Dichlorobenzene	17.50	146	655379	20.15	ug/L		93
80)	1,4-Dichlorobenzene	17.63	146	658314	20.60	ug/L		91
81)	n-Butylbenzene	17.83	91	1378307	23.63	ug/L	#	91
82)	1,2-Dichlorobenzene	18.12	146	550263	21.04	ug/L		92
83)	1,2-Dibromo-3-Chloropropan	19.10	157	25064	15.47	ug/L	#	60

(#) = qualifier out of range (m) = manual integration

971

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062000\10M4290.D
Acq On : 20 Jun 2000 22:52
Sample : WG79341-04 20PPB LCS
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 20 23:14 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84)	1,2,4-Trichlorobenzene	20.24	180	401625	19.10	ug/L	95
85)	Hexachlorobutadiene	20.39	225	220628	21.22	ug/L	95
86)	Naphthalene	20.61	128	466321	17.43	ug/L	99
87)	1,2,3-Trichlorobenzene	20.91	180	288612	19.63	ug/L	96

(#) = qualifier out of range (m) = manual integration

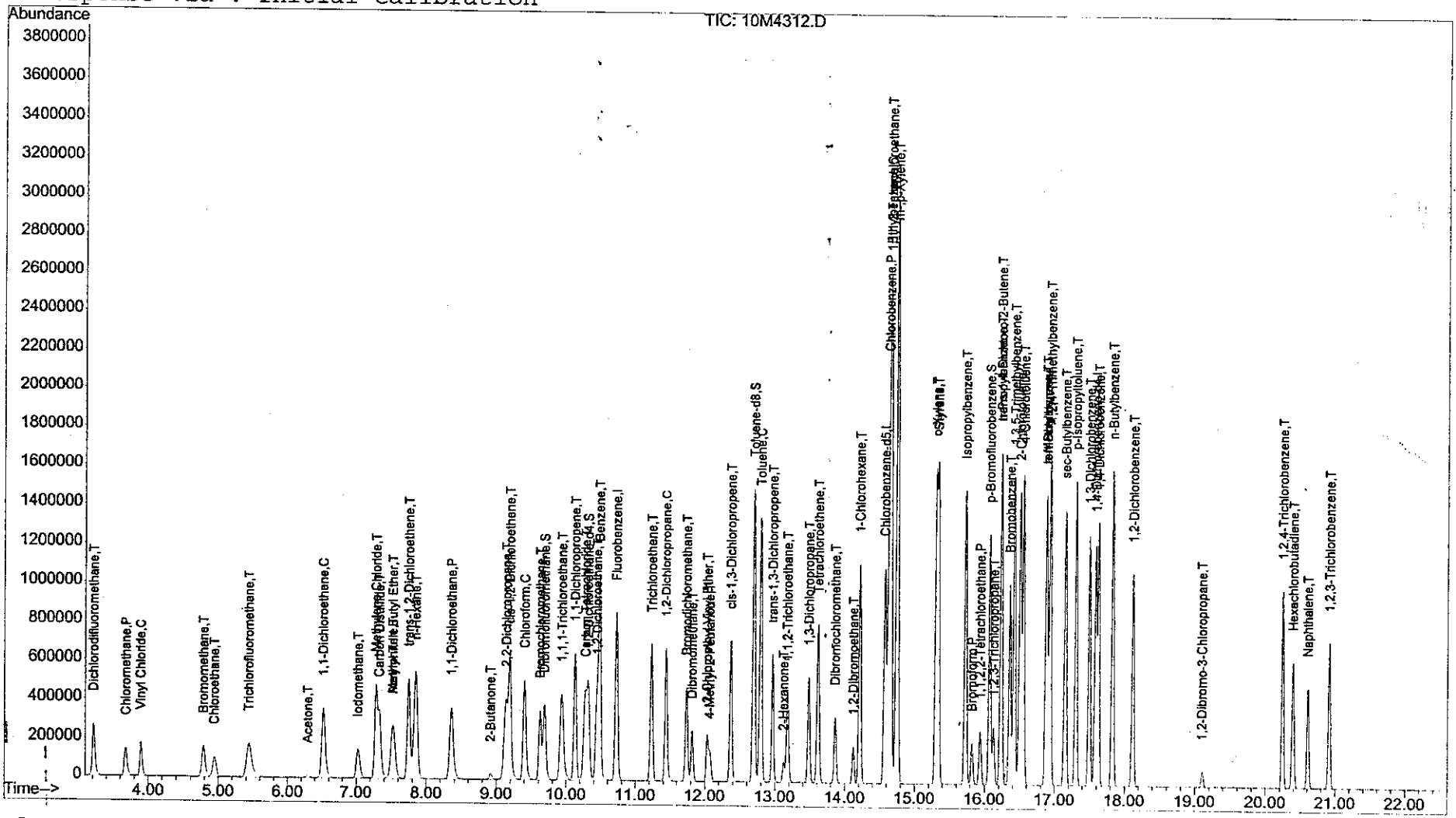
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\10M4312.D
Acq On : 21 Jun 2000 10:19
Sample : WG79355-04 20PPB LCS M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 26 16:44 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4312.D Vial: 4
Acq On : 21 Jun 2000 10:19 Operator: MES
Sample : WG79355-04 20PPB LCS M8260 10ML Inst : HPMS10
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 26 16:44 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	10.73	96	938604	25.00	ug/L	0.00
44) Chlorobenzene-d5	14.57	117	657077	25.00	ug/L	0.00
64) 1,4-Dichlorobenzene-d4	17.58	152	361152	25.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	9.68	111	331345	24.92	ug/L	0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 99.68%			
33) 1,2-Dichloroethane-d4	10.32	65	428995	24.19	ug/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 96.76%			
45) Toluene-d8	12.69	98	1232575	26.47	ug/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 105.88%			
66) p-Bromofluorobenzene	16.07	95	530738	27.21	ug/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.21	85	401693	24.98	ug/L	95
3) Chloromethane	3.68	50	265487	25.99	ug/L	97
4) Vinyl Chloride	3.89	62	237015	22.28	ug/L	96
5) Bromomethane	4.79	94	203476	21.20	ug/L	99
6) Chloroethane	4.94	64	186061	22.24	ug/L	98
7) Trichlorofluoromethane	5.44	101	425278	21.54	ug/L	97
11) Acetone	6.30	43	42235	18.01	ug/L	91
12) 1,1-Dichloroethene	6.51	96	220343	21.99	ug/L #	59
14) Iodomethane	7.02	142	249092	23.99	ug/L #	74
15) Methylene Chloride	7.28	84	252845	19.83	ug/L	90
16) Carbon Disulfide	7.33	76	678055	16.80	ug/L	100
17) Acrylonitrile	7.52	53	8812	2.93	ug/L #	7
18) Methyl Tert Butyl Ether	7.52	73	505319	18.90	ug/L	92
19) trans-1,2-Dichloroethene	7.75	96	262776	22.63	ug/L #	61
20) n-Hexane	7.84	57	467730	20.01	ug/L	93
22) 1,1-Dichloroethane	8.36	63	636160	20.83	ug/L	99
23) 2-Butanone	8.92	43	63935	19.05	ug/L	95
24) 2,2-Dichloropropane	9.14	77	513458	20.59	ug/L	91
25) cis-1,2-Dichloroethene	9.19	96	281724	22.09	ug/L #	62
26) Chloroform	9.40	83	593273	21.37	ug/L	98
27) Bromochloromethane	9.63	128	95201	20.71	ug/L #	77
29) 1,1,1-Trichloroethane	9.94	97	547680	20.59	ug/L #	92
31) 1,1-Dichloropropene	10.13	75	422870	25.16	ug/L #	87
32) Carbon Tetrachloride	10.27	117	470608	21.87	ug/L	99
34) 1,2-Dichloroethane	10.44	62	477283	21.39	ug/L #	97
35) Benzene	10.48	78	1151277	21.08	ug/L	98
36) Trichloroethene	11.23	130	247028	21.50	ug/L #	86

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4312.D
Acq On : 21 Jun 2000 10:19
Sample : WG79355-04 20PPB LCS M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 26 16:44 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
37)	1,2-Dichloropropane	11.44	63	311762	21.50 ug/L #	79
38)	Bromodichloromethane	11.73	83	413725	21.79 ug/L	98
39)	Dibromomethane	11.82	93	126638	20.80 ug/L	95
40)	2-Chloroethyl Vinyl Ether	12.03	63	110512	17.81 ug/L	95
41)	4-Methyl-2-Pentanone	12.07	58	54868	20.15 ug/L #	91
42)	cis-1,3-Dichloropropene	12.37	75	454061	22.59 ug/L #	90
46)	Toluene	12.79	91	1231590	22.25 ug/L	98
48)	trans-1,3-Dichloropropene	12.96	75	398857	21.31 ug/L #	87
49)	1,1,2-Trichloroethane	13.18	97	166466	20.68 ug/L	95
50)	2-Hexanone	13.12	43	95377	18.47 ug/L #	63
51)	1,3-Dichloropropane	13.48	76	334121	21.25 ug/L	91
52)	Tetrachloroethene	13.61	164	221642	21.19 ug/L	99
53)	Dibromochloromethane	13.86	129	211541	20.59 ug/L	100
54)	1,2-Dibromoethane	14.12	107	151201	20.63 ug/L	98
55)	1-Chlorohexane	14.22	91	379172	19.26 ug/L #	79
56)	Chlorobenzene	14.63	112	778244	20.35 ug/L	100
57)	1,1,1,2-Tetrachloroethane	14.66	131	276652	19.95 ug/L	98
58)	Ethylbenzene	14.65	106	435538	21.81 ug/L	80
59)	m-,p-Xylene	14.74	106	1095389	44.38 ug/L	76
60)	o-Xylene	15.30	106	510034	20.93 ug/L	77
61)	Styrene	15.34	104	852678	22.31 ug/L #	75
62)	Bromoform	15.82	173	122723	19.52 ug/L	99
63)	Isopropylbenzene	15.73	105	1318286	19.69 ug/L	93
65)	1,1,2,2-Tetrachloroethane	15.93	83	169621	21.06 ug/L	99
67)	1,2,3-Trichloropropane	16.13	110	55242	21.29 ug/L	77
68)	trans-1,4-Dichloro-2-Buten	16.23	53	11934	3.09 ug/L #	1
69)	n-Propylbenzene	16.23	91	1769688	23.26 ug/L	91
70)	Bromobenzene	16.36	156	305139	20.80 ug/L	87
71)	1,3,5-Trimethylbenzene	16.42	105	1189378	23.27 ug/L	89
72)	2-Chlorotoluene	16.50	91	1101811	21.14 ug/L #	85
73)	4-Chlorotoluene	16.55	91	1184098m	22.30 ug/L	
74)	a-Methylstyrene	16.88	118	17131	0.64 ug/L #	1
75)	tert-Butylbenzene	16.88	119	981638	21.78 ug/L #	67
76)	1,2,4-Trimethylbenzene	16.93	105	1251680	21.88 ug/L	89
77)	sec-Butylbenzene	17.15	105	1332680	21.28 ug/L	93
78)	p-Isopropyltoluene	17.31	119	1162131	20.28 ug/L	93
79)	1,3-Dichlorobenzene	17.50	146	591444	20.37 ug/L	91
80)	1,4-Dichlorobenzene	17.62	146	598841	21.00 ug/L	90
81)	n-Butylbenzene	17.82	91	1205014	23.15 ug/L #	91
82)	1,2-Dichlorobenzene	18.12	146	501439	21.49 ug/L	91
83)	1,2-Dibromo-3-Chloropropan	19.10	157	23146	16.00 ug/L #	58

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\10M4312.D
Acq On : 21 Jun 2000 10:19
Sample : WG79355-04 20PPB LCS M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 26 16:44 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
84) 1,2,4-Trichlorobenzene	20.24	180	362498	19.32	ug/L	96
85) Hexachlorobutadiene	20.39	225	184216	19.85	ug/L	94
86) Naphthalene	20.61	128	435716	18.25	ug/L	100
87) 1,2,3-Trichlorobenzene	20.91	180	268974	20.50	ug/L	97

(#) = qualifier out of range (m) = manual integration

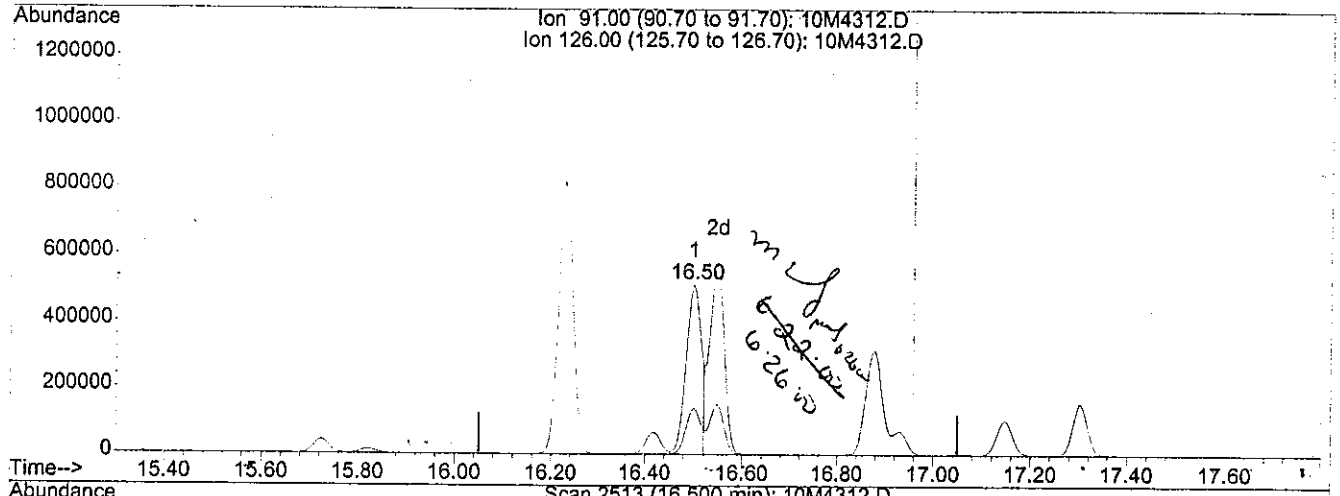
Quantitation Report (Qedit)

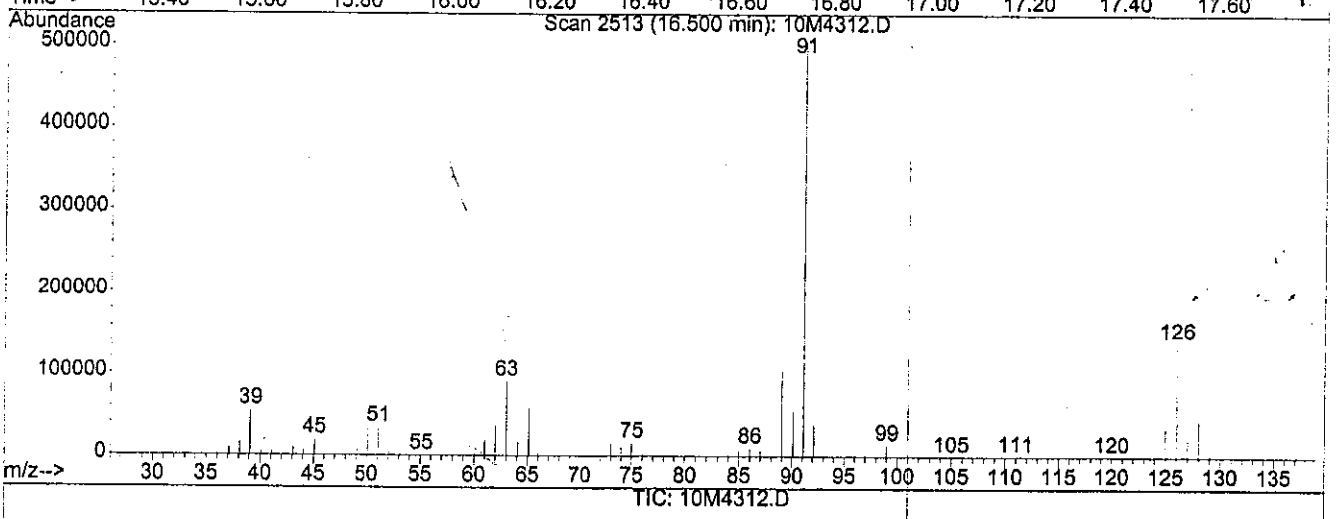
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Acq On : 21 Jun 2000 10:19
Sample : WG79355-04 20PPB LCS M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 21 10:41 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration





(73) 4-Chlorotoluene (T)

16.50min 20.75ug/L

response 1101811

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	29.07
0.00	0.00	0.00
0.00	0.00	0.00

10M4312.D 8260WTR.M Mon Jun 26 16:44:33 2000

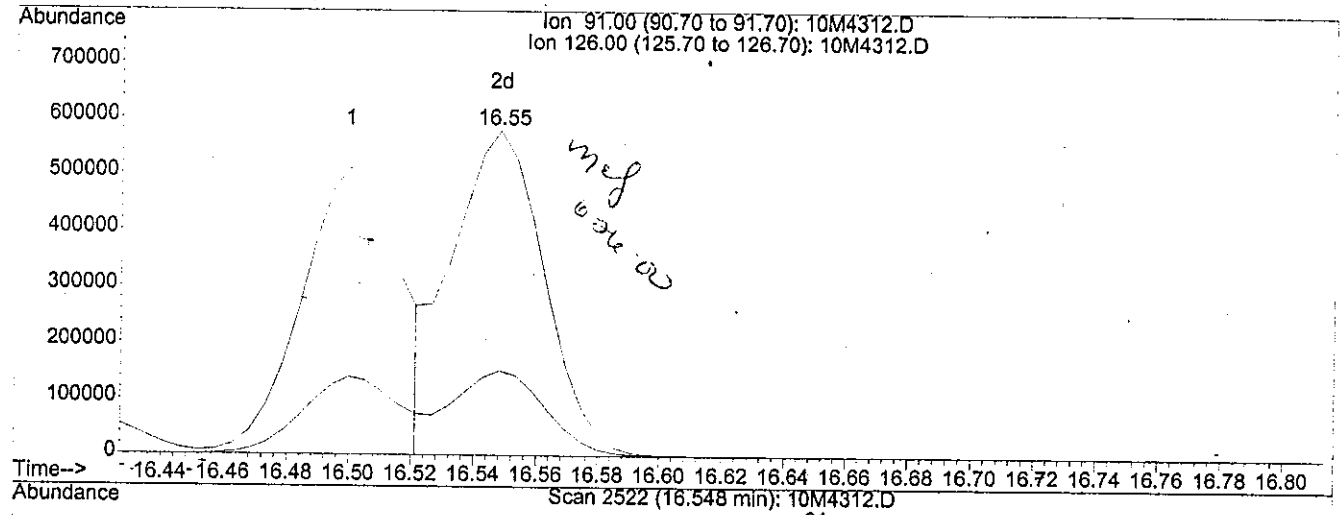
Quantitation Report (Qedit)

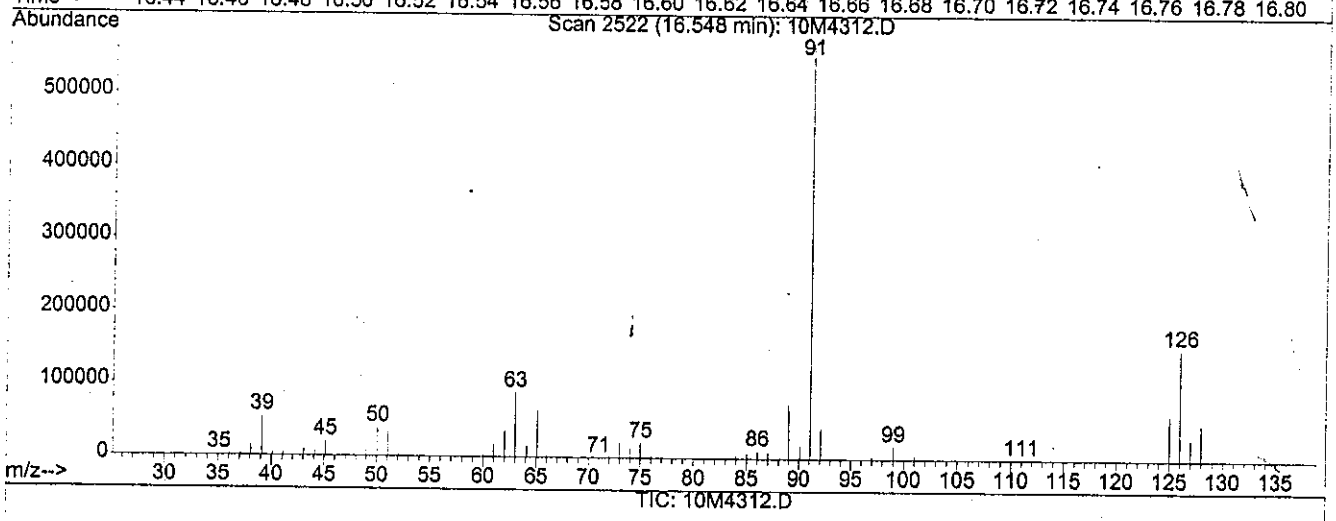
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Acq On : 21 Jun 2000 10:19
Sample : WG79355-04 20PPB LCS M8260 10ML
Misc : WATER,1
MS Integration Params: rteint.p
Quant Time: Jun 26 16:44 2000

Vial: 4
Operator: MES
Inst : HPMS10
Multiplr: 1.00

Quant Results File: temp.res

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/16/00 HPMS10
Last Update : Sat Jun 17 12:37:29 2000
Response via : Multiple Level Calibration





TIC: 10M4312.D

(73) 4-Chlorotoluene (T)

16.55min 22.30ug/L m

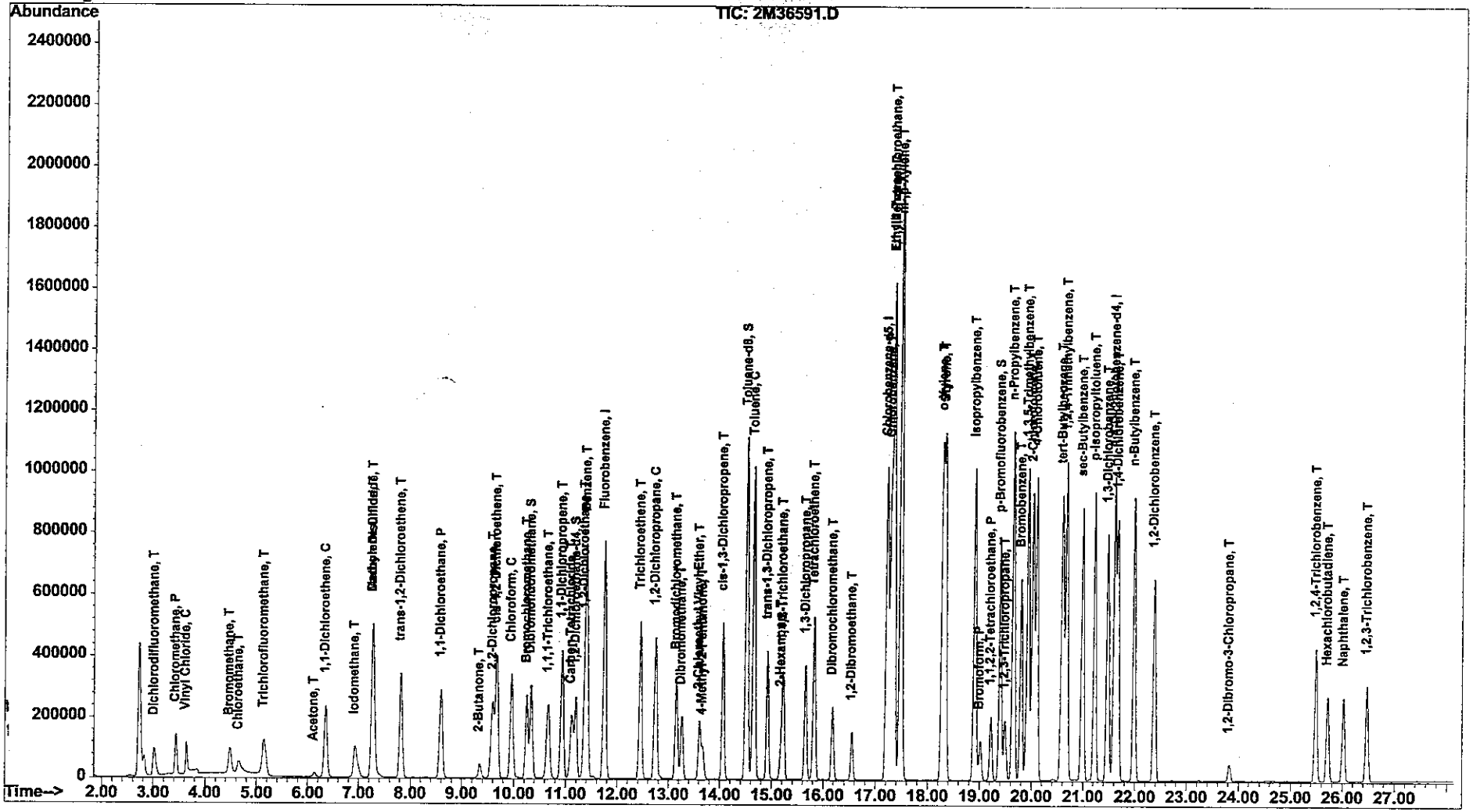
response 1184098

Ion	Exp%	Act%
91.00	100	100
126.00	33.80	27.05
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062100\2M36591.D Vial: 4
Acq On : 21 Jun 2000 11:06 Operator: CMS
Sample : WG79363-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:35 2000 Quant Results File: M8260WTR.RES

Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36591.D Vial: 4
Acq On : 21 Jun 2000 11:06 Operator: CMS
Sample : WG79363-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:35 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	11.75	96	1349373	25.00	UG/L	-0.01
44) Chlorobenzene-d5	17.22	117	1101201	25.00	UG/L	0.00
64) 1,4-Dichlorobenzene-d4	21.60	152	519953	25.00	UG/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	10.33	111	368995	27.08	UG/L	-0.01
Spiked Amount 25.000	Range 86 - 118		Recovery = 108.32%			
33) 1,2-Dichloroethane-d4	11.19	65	320800	27.39	UG/L	0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 109.56%			
45) Toluene-d8	14.52	98	1456659	25.93	UG/L	0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 103.72%			
66) p-Bromofluorobenzene	19.39	95	584686	27.00	UG/L	0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 108.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.01	85	222682	1701.07	UG/L	95
3) Chloromethane	3.44	50	241091	2206.30	UG/L	98
4) Vinyl Chloride	3.64	62	158604	2119.37	UG/L	96
5) Bromomethane	4.47	94	132137	2229.11	UG/L	99
6) Chloroethane	4.64	64	115565	2043.21	UG/L	91
7) Trichlorofluoromethane	5.14	101	277996	1810.10	UG/L #	98
11) Acetone	6.13	43	40854	3039.30	UG/L #	84
12) 1,1-Dichloroethene	6.35	96	209024	2020.01	UG/L	88
14) Iodomethane	6.93	142	289009	2573.29	UG/L	97
15) Methylene Chloride	7.26	84	308107	2352.79	UG/L	99
16) Carbon Disulfide	7.28	76	826416	1625.60	UG/L	99
19) trans-1,2-Dichloroethene	7.82	96	251697	2006.17	UG/L	77
21) Vinyl Acetate	8.59	43	83361	493.72	UG/L	98
22) 1,1-Dichloroethane	8.59	63	578899	2111.55	UG/L	99
23) 2-Butanone	9.34	43	120578	4088.14	UG/L #	91
24) 2,2-Dichloropropane	9.60	77	403022	1914.29	UG/L	99
25) cis-1,2-Dichloroethene	9.68	96	311904	1966.83	UG/L #	59
26) Chloroform	9.95	83	547348	2058.55	UG/L	97
27) Bromochloromethane	10.25	128	129042	2017.67	UG/L	100
29) 1,1,1-Trichloroethane	10.66	97	358912	1912.90	UG/L #	86
31) 1,1-Dichloropropene	10.93	75	430951	2344.34	UG/L #	80
32) Carbon Tetrachloride	11.12	117	288754	1944.29	UG/L	99
34) 1,2-Dichloroethane	11.35	62	324152	2063.58	UG/L	100
35) Benzene	11.40	78	1343315	1991.24	UG/L	95
36) Trichloroethene	12.45	130	319526	2047.29	UG/L	100
37) 1,2-Dichloropropane	12.74	63	372721	2062.46	UG/L #	80

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36591.D Vial: 4
Acq On : 21 Jun 2000 11:06 Operator: CMS
Sample : WG79363-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:35 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

	Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
38)	Bromodichloromethane	13.16	83	424285	2130.37	UG/L		96
39)	Dibromomethane	13.25	93	156088	2055.06	UG/L	#	66
40)	2-Chloroethyl Vinyl Ether	13.61	63	154171	2199.56	UG/L	#	86
41)	4-Methyl-2-Pentanone	13.67	58	64802	2184.83	UG/L	#	82
42)	cis-1,3-Dichloropropene	14.06	75	582181	2320.76	UG/L		92
46)	Toluene	14.65	91	1465450	1931.52	ug/L		99
48)	trans-1,3-Dichloropropene	14.92	75	435589	1933.34	ug/L		96
49)	1,1,2-Trichloroethane	15.22	97	205883	1976.33	UG/L	#	89
50)	2-Hexanone	15.18	43	109960	1887.34	UG/L		86
51)	1,3-Dichloropropane	15.66	76	430682	1909.27	UG/L		83
52)	Tetrachloroethene	15.82	164	244305	1862.23	UG/L	#	72
53)	Dibromochloromethane	16.18	129	254720	1998.43	UG/L		100
54)	1,2-Dibromoethane	16.55	107	206637	1898.66	UG/L		96
56)	Chlorobenzene	17.28	112	912395	2020.83	UG/L	#	68
57)	1,1,1,2-Tetrachloroethane	17.34	131	293125	2019.00	UG/L		94
58)	Ethylbenzene	17.34	106	490334	2054.65	UG/L		99
59)	m-,p-Xylene	17.48	106	1190346	4144.52	UG/L		100
60)	o-Xylene	18.28	106	595966	2066.57	UG/L		100
61)	Styrene	18.34	104	1033074	2082.83	UG/L	#	83
62)	Bromoform	19.01	173	124412	1929.79	UG/L	#	94
63)	Isopropylbenzene	18.91	105	1460487	2001.17	ug/L		95
65)	1,1,2,2-Tetrachloroethane	19.22	83	252135	2006.01	UG/L		99
67)	1,2,3-Trichloropropane	19.49	110	54452	2045.80	UG/L	#	77
68)	trans-1,4-Dichloro-2-Buten	19.64	53	9090	286.18	UG/L	#	1
69)	n-Propylbenzene	19.64	91	2016513	2098.00	UG/L		99
70)	Bromobenzene	19.80	156	342365	1938.57	UG/L		98
71)	1,3,5-Trimethylbenzene	19.93	105	1217333	2068.48	UG/L		96
72)	2-Chlorotoluene	20.02	91	1200809	1999.88	UG/L		98
73)	4-Chlorotoluene	20.09	91	1214183	2117.40	UG/L		96
75)	tert-Butylbenzene	20.59	119	1114833	2017.02	UG/L		93
76)	1,2,4-Trimethylbenzene	20.67	105	1246953	2118.74	UG/L		93
77)	sec-Butylbenzene	20.98	105	1401963	2017.45	UG/L		99
78)	p-Isopropyltoluene	21.22	119	1157465	2079.20	UG/L		99
79)	1,3-Dichlorobenzene	21.47	146	688413	2054.68	UG/L		91
80)	1,4-Dichlorobenzene	21.66	146	683775	2030.70	UG/L		90
81)	n-Butylbenzene	21.98	91	1151433	2140.29	UG/L		98
82)	1,2-Dichlorobenzene	22.38	146	588803	2058.34	UG/L		91
83)	1,2-Dibromo-3-Chloropropan	23.83	157	33704	2003.59	UG/L	#	74
84)	1,2,4-Trichlorobenzene	25.48	180	272647	2041.61	UG/L	#	95
85)	Hexachlorobutadiene	25.72	225	111384	1929.82	UG/L	#	91
86)	Naphthalene	26.02	128	467336	2203.85	UG/L		97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062100\2M36591.D Vial: 4
Acq On : 21 Jun 2000 11:06 Operator: CMS
Sample : WG79363-04 EXT LCS 100X M8260 5G/10ML Inst : HPMS2
Misc : SOLID,100 (1ML/50ML) Multiplr: 100.00
MS Integration Params: rteint.p
Quant Time: Jun 21 11:35 2000 Quant Results File: M8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\M8260WTR.M (RTE Integrator)
Title : Method 8260BWT - 06/15/00 - HPMS2
Last Update : Sat Jun 17 13:26:49 2000
Response via : Initial Calibration
DataAcq Meth : M8260WTR

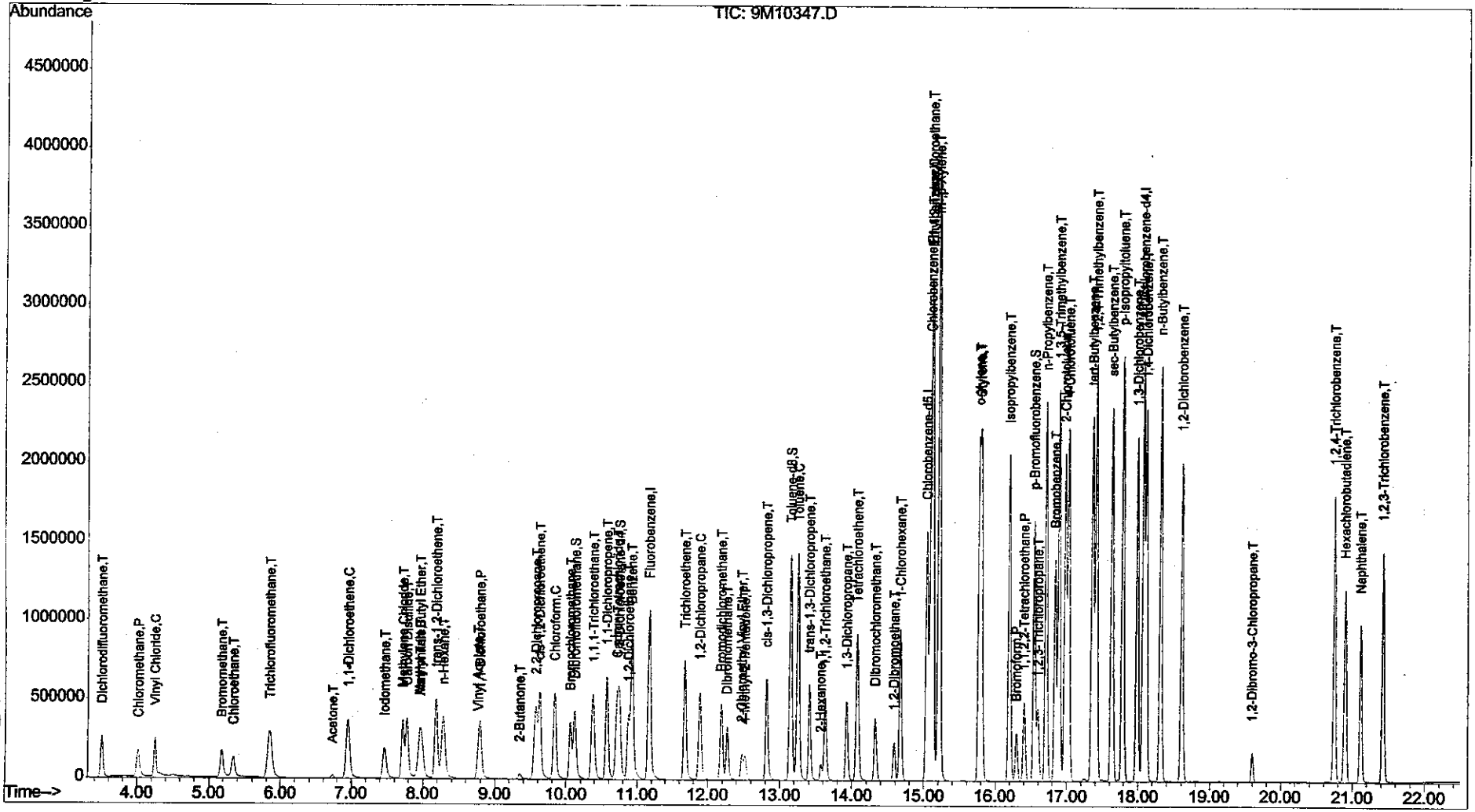
Compound	R.T.	QIon	Response	Conc	Unit		Qvalue
87) 1,2,3-Trichlorobenzene	26.47	180	201519	1978.47	UG/L	#	94

(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\062900\9M10347.D Vial: 5
Acq On : 29 Jun 2000 9:22 Operator: MES
Sample : WG79903-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:45 2000 Quant Results File: 8260WTR.RES

Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration



Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10347.D Vial: 5
Acq On : 29 Jun 2000 9:22 Operator: MES
Sample : WG79903-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:45 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	11.17	96	1400548	25.00	ug/L		0.00
44) Chlorobenzene-d5	15.04	117	1210586	25.00	ug/L		0.00
64) 1,4-Dichlorobenzene-d4	18.07	152	950048	25.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	10.12	111	369236	22.64	ug/L		0.00
Spiked Amount 25.000	Range 86 - 118		Recovery = 90.56%				
33) 1,2-Dichloroethane-d4	10.76	65	417672	21.10	ug/L		0.00
Spiked Amount 25.000	Range 80 - 120		Recovery = 84.40%				
45) Toluene-d8	13.15	98	1393229	23.78	ug/L		0.00
Spiked Amount 25.000	Range 88 - 110		Recovery = 95.12%				
66) p-Bromofluorobenzene	16.54	95	734370	25.27	ug/L		0.00
Spiked Amount 25.000	Range 86 - 115		Recovery = 101.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.50	85	412182	19.03	ug/L	#	91
3) Chloromethane	4.01	50	304367	20.36	ug/L		91
4) Vinyl Chloride	4.25	62	327934	15.90	ug/L		96
5) Bromomethane	5.18	94	216415	21.50	ug/L	#	72
6) Chloroethane	5.34	64	208867	16.49	ug/L	#	67
7) Trichlorofluoromethane	5.85	101	645152	18.32	ug/L		97
11) Acetone	6.73	43	45980	22.38	ug/L		99
12) 1,1-Dichloroethene	6.95	96	276429	20.98	ug/L		91
14) Iodomethane	7.47	142	361191	22.69	ug/L		89
15) Methylene Chloride	7.72	84	302896	19.73	ug/L	#	45
16) Carbon Disulfide	7.78	76	852495	17.60	ug/L		98
17) Acrylonitrile	7.97	53	4414	2.43	ug/L	#	28
18) Methyl Tert Butyl Ether	7.96	73	798314	20.00	ug/L	#	86
19) trans-1,2-Dichloroethene	8.19	96	320642	21.29	ug/L		91
20) n-Hexane	8.28	57	311026	20.19	ug/L	#	73
21) Vinyl Acetate	8.76	43	128894	10.20	ug/L	#	81
22) 1,1-Dichloroethane	8.79	63	541687	20.06	ug/L	#	93
23) 2-Butanone	9.35	43	55202	20.32	ug/L	#	57
24) 2,2-Dichloropropane	9.57	77	609229	21.18	ug/L	#	79
25) cis-1,2-Dichloroethene	9.63	96	344026	20.05	ug/L		82
26) Chloroform	9.84	83	682081	20.15	ug/L		95
27) Bromochloromethane	10.06	128	157017	21.45	ug/L	#	66
29) 1,1,1-Trichloroethane	10.37	97	662088	20.22	ug/L		99
31) 1,1-Dichloropropene	10.57	75	476135	23.94	ug/L		90
32) Carbon Tetrachloride	10.72	117	569214	20.65	ug/L		98
34) 1,2-Dichloroethane	10.88	62	483111	19.41	ug/L	#	82
35) Benzene	10.93	78	1248427	20.62	ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10347.D Vial: 5
Acq On : 29 Jun 2000 9:22 Operator: MES
Sample : WG79903-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:45 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

	Compound	R.T.	QIon	Response	Conc Unit		Qvalue
36)	Trichloroethene	11.68	130	345765	20.77 ug/L		84
37)	1,2-Dichloropropane	11.89	63	238296	20.47 ug/L	#	65
38)	Bromodichloromethane	12.19	83	462519	20.51 ug/L		99
39)	Dibromomethane	12.27	93	160698	20.03 ug/L		94
40)	2-Chloroethyl Vinyl Ether	12.47	63	90223	16.27 ug/L	#	81
41)	4-Methyl-2-Pentanone	12.51	58	49761	22.59 ug/L	#	67
42)	cis-1,3-Dichloropropene	12.82	75	493762	20.77 ug/L		97
46)	Toluene	13.25	91	1495368	21.88 ug/L		99
48)	trans-1,3-Dichloropropene	13.41	75	455128	21.49 ug/L		92
49)	1,1,2-Trichloroethane	13.63	97	219624	21.71 ug/L		99
50)	2-Hexanone	13.57	43	80290	22.04 ug/L	#	91
51)	1,3-Dichloropropane	13.93	76	405418	21.63 ug/L	#	67
52)	Tetrachloroethene	14.08	164	297638	21.69 ug/L		97
53)	Dibromochloromethane	14.33	129	293494	21.19 ug/L		94
54)	1,2-Dibromoethane	14.59	107	213790	21.53 ug/L		98
55)	1-Chlorohexane	14.68	91	486485	20.19 ug/L	#	76
56)	Chlorobenzene	15.10	112	1082249	20.87 ug/L		100
57)	1,1,1,2-Tetrachloroethane	15.12	131	369713	21.02 ug/L		92
58)	Ethylbenzene	15.12	106	607796	21.07 ug/L		88
59)	m-,p-Xylene	15.21	106	1616664	42.73 ug/L		84
60)	o-Xylene	15.77	106	783035	21.13 ug/L		84
61)	Styrene	15.81	104	1366805	20.84 ug/L		92
62)	Bromoform	16.30	173	192836	16.03 ug/L		99
63)	Isopropylbenzene	16.20	105	2062222	17.62 ug/L		97
65)	1,1,2,2-Tetrachloroethane	16.40	83	307329	22.08 ug/L		100
67)	1,2,3-Trichloropropane	16.60	110	107361	21.83 ug/L		77
69)	n-Propylbenzene	16.71	91	2649032	23.00 ug/L		95
70)	Bromobenzene	16.84	156	534818	21.79 ug/L		82
71)	1,3,5-Trimethylbenzene	16.90	105	2046111	22.14 ug/L		92
72)	2-Chlorotoluene	16.98	91	1734820	22.98 ug/L		94
73)	4-Chlorotoluene	17.03	91	1725782	22.22 ug/L		94
75)	tert-Butylbenzene	17.36	119	1810563	23.67 ug/L	#	85
76)	1,2,4-Trimethylbenzene	17.41	105	2158940	22.66 ug/L		95
77)	sec-Butylbenzene	17.63	105	2406336	21.34 ug/L		99
78)	p-Isopropyltoluene	17.79	119	2269730	21.67 ug/L		100
79)	1,3-Dichlorobenzene	17.98	146	1222827	21.73 ug/L		98
80)	1,4-Dichlorobenzene	18.11	146	1249358	21.15 ug/L		97
81)	n-Butylbenzene	18.31	91	2039412	21.95 ug/L		97
82)	1,2-Dichlorobenzene	18.61	146	1127875	22.08 ug/L		97
83)	1,2-Dibromo-3-Chloropropan	19.60	157	67018	19.80 ug/L	#	81
84)	1,2,4-Trichlorobenzene	20.75	180	738712	22.43 ug/L		98

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\062900\9M10347.D Vial: 5
Acq On : 29 Jun 2000 9:22 Operator: MES
Sample : WG79903-04 20PPB LCS SPIKE M8260 10ML Inst : HPMS_9
Misc : WATER,1 Multiplr: 1.00
MS Integration Params: rteint.p
Quant Time: Jun 29 9:45 2000 Quant Results File: 8260WTR.RES

Quant Method : C:\HPCHEM\1\METHODS\8260WTR.M (RTE Integrator)
Title : Method 8260B Water Analysis 06/20/2000 - HPMS 9
Last Update : Tue Jun 20 16:31:56 2000
Response via : Initial Calibration
DataAcq Meth : 8260WTR

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
85) Hexachlorobutadiene	20.90	225	345871	21.22	ug/L	97
86) Naphthalene	21.12	128	1051613	22.57	ug/L	100
87) 1,2,3-Trichlorobenzene	21.43	180	580260	22.23	ug/L	97

(#) = qualifier out of range (m) = manual integration

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG78873/WG78929
Analysis Date 6-14-00

Analyst CMS
Instrument HPMS6

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: _____

Action Taken: 6/14/00 cmS

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
6M20554	NA	1	WG78873-01 BFB 50NG STD	5ml	NA	✓	1	NA	SV-63-14	NA	0744
555		2	-02 50PPB STD M8260	5g/5ml		✓			SV-64-5	SV-63-28 SV-63-35	—
556		3	-02 ⊥ ⊥			Didn't use			⊥		—
557		4	-03 VBLK0614 BLANK			✓			NA		—
558		5	-04 20PPB LCS SPIKE			✓			SV-64-9		—
559		6	L0006274-01 FOUR-621 M8260			✓			NA		—
560		7	-02			✓			⊥		—
561		8	-02MS			✓			SV-64-9		—
562		9	-02MSD ⊥ ⊥			✓			⊥		—
563		10	L0006152-01 PPG M8260	1g/5ml	5	✓			NA		—
564		11	L0006292-01 ITCorp 8260-TCL	5g/5ml	NA	✓			⊥		—

Reviewed By: _____

Comments:

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG78873/WG78929 Analyst CMS
Analysis Date 6-14-00 Instrument HPMS6

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
6M20565	NA	12	SYSTEM BLANK	5g/5ml	NA	✓	1	NA	NA	SV-63-28 SV-63-35	1418
5166		1	WG78929-01 BFB 50NG STD	5ml		✓(Na$_2$SO$_4$)			SV-63-14	NA	1640
567		2	-02 50PPB STD M8260	5g/5ml		Didn't use			SV-64-25	SV-64-17 SV-64-18	—
568		3	-03 20			✓					—
569		4	-04 10			✓					—
570		5	-05 5			✓					—
571		6	-06 1			✓					—
572		7	-07 100			✓					—
573		8	-08 200			✓					—
574		9	-02 50			✓					—
575		10	SYSTEM BLANK			✓			NA		—
576		11	WG78929-09 20PPB ALT SRC			✓			SV-64-9		0013

e 15/100 cwes

Reviewed By: _____

Comments:

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

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8
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KEMRON ENVIRONMENTAL SERVICES

Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG78945
Analysis Date ~~6-16-00~~ 6-15-00

Analyst CMS
Instrument HPMS2

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	—
replace liner	—
clip column (___ cm)	—
change helium	✓

Additional Maintenance

Problem: Low helium

Action Taken: Changed tank

Returned to Control? Yes ✓ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36390	NA	1	WG78945-01 SONG BFB	5ml	NA	✓	1	NA	SV6314	NA	—
391		2	SYSTEM Blank	10ml		✓			NA	SV6406 SV6407	—
392		3	WG78945-01 BFB SONG	5ml		✓			SV6314	NA	—
393		4	-01	〃		✓			〃	〃	—
394		5	-02 50 PPB STD	10ml		RR			SV6425	SV6406 SV6407	—
395		6	-02	〃		RR			〃	〃	—
396		7	-02	〃		RR			〃	〃	—
397		8	-02	〃		RR CURVE			〃	〃	—
398		9	-01 SONG BFB	5ml		✓			SV6314	NA	1404
399		10	-02 50PPB STD	10ml		✓			SV6425	SV6406 SV6407	—
400	↓	11	-03 20PPB STD	〃	↓	✓	↓	↓	〃	〃	—

Comments:

Reviewed By: ___

1 ✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

6886

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

IS or SS Interference with internal and/or surrogate standards C/O = Suspected carryover from previous sample

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG78945
Analysis Date 6-15-00

Analyst CMS
Instrument HP MS 2

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36401	NA	12	WG78945-04 10PPB STD	10ml	NA	✓	1	NA	SV6125	SV6406 SV6107	—
402		13	-05 5PPB STD			✓					—
403		14	-06 1PPB STD			✓					—
404		15	-07 5PPB STD			✓					—
405		16	-08 100PPB STD			✓					—
406		17	-09 200PPB STD			✓					—
407		18	SYSTEM BLANK			✓					1952

6-15-00

Reviewed By: _____

Comments:

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79035
Analysis Date 6.16.00

Analyst MEP
Instrument HPMS10

Daily Check	
helium >500 psi	NA
bake out column	
check disk space	
Backed up previous day's data	
Preventative Maintenance	
replace septa	✓
replace liner	✓
clip column (___ cm)	✓
change helium	✓

Additional Maintenance

Problem: Blew filament 1

Action Taken: Switched to filament 2

MEP 6.17.00

Returned to Control? Yes ✓ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
10M4175	NA	1	WG79035-01 50ng BFB	5mL	1	✓	1	NA	SV03-14	—	—
176		2	-02 50PPB STD	10mL	1	RR			SV64-5	SV03-15/SV03-19	
177		3	-02 ↓	↓		run curve			↓	↓	
178		4	-01 50PPB BFB	5mL		✓			SV03-14	—	1404
179		5	0.5 PPB STD	10mL		✓			SV64-25	SV03-15/SV03-19	
180		6	1.0 PPB			✓					
181		7	5.0 PPB			✓					
182		8	10.0 PPB			✓					
183		9	20.0 PPB			✓					
184		10	50.0 PPB			✓					
185	↓	11	100.0 PPB	↓	↓	✓	↓	↓	↓	↓	↓

Comments:

Reviewed By: ___

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Analyst MES
Instrument HPMS10

group #(s) WG79035
sis Date 6.16.00

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
14186	NA	12	WG79035 200PPB STD	10mL	1	✓	1	NA	SM64-25	SI263-15/ SI43-19	—
187	1	13	System blank	1	1	RR	1	1	SI64-9	1	2101
188	1	14	20PPB Alt Source								

6.17.00

Reviewed By: _____

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
with internal and/or surrogate standards

SM1 = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79172
Analysis Date 6-19-00

Analyst CMS
Instrument HPMS6

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: _____

Action Taken: 6/20/00 cms

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
6M20640	NA	1	WG79172-01 BFB 50NG STD	5ml	NA	RR	1	6M20641	SV-63-14	NA	—
641		2	-01			RR		↓ 642			—
642		3	-01			✓		NA			0912
643		4	-02 50PPB STD MB260	5g/5ml		RR		6M20644	SV-64-25	SV-64-1T SV-64-1B	—
644		5	-02			RR		↓ 645			—
645		6	-02			✓		NA			—
646		7	-03 VBLK0619 BLANK			✓			NA		—
647		8	-04 20PPB LCS SPIKE			✓			SV-64-30		—
648		9	L0006193-01 A ITCorp 8260SPK-10	5.9g/5ml	0.8	RR ext w/dilutions			NA		—
649		10	-03 A	6.7g/5ml	0.7	RR: c/o ~~reported~~		6M20659			—
650		11	-04 A	6.2g/5ml	0.8	✓		NA			—

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79172
Analysis Date 6-19-00

Analyst CMS
Instrument HPMS6

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
6M206051	NA	12	L0006193-06A ITComp 826SPE-V0	5.7g/5ml	0.9	✓	1	NA	NA	SV-64-17 SV-64-18	—
6052		13	-07A	6.2g/5ml	0.8	RR: ext					—
6053		14	-09A	6.7g/5ml	0.7	RR: ext					—
6054		15	-10A	6.0g/5ml	0.8	RR%-reported		6M206060			—
6055		16	-12A	6.3g/5ml	0.8	✓		NA			—
6056		17	-13A	6.1g/5ml	0.8	✓					—
6057		18	-15A	6.4g/5ml	0.8	✓					—
6058		19	SYSTEM BLANK	5g/5ml	NA	✓					—
6059		20	L0006193-03B ITComp 826SPE-V0	5.9g/5ml	0.8	RR: ext not					—
6060		21	-10B	6.6g/5ml	0.8	✓ not rep.					1955
6061	—	—	BAKE	—	—	—	—	—	—	—	—

6/20/03 CCMS

Reviewed By: _____

Comments:

1 ✓ = Compliant Analysis, Reanalysis complete
1 RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79178
Analysis Date 06/19/00

Analyst RSS\CMS
Instrument HPMS2

Daily Check	
helium >500 psi	—
bake out column	—
check disk space	—
Backed up previous day's data	—
Preventative Maintenance	NA
replace septa	
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: NA

Action Taken: 10/20/00 CMS

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36513	NA	1	WG79178-01 BFB 50NG STD	5 ml	NA	✓	1	NA	SV63-14		0945
14		2	-02 50ppb STD	10 ml		✓			SV64-25	SV64-06/07	
15		3	-03 EXT BLANK	1ml/50ml	100	✓			—		
16		4	-04 EXT LCS ALT STD	1ml/50ml	100	✓			SV64-30		
17	L2	5	LOD06290-01 1,250x Kiber M8260 40S/40D	100ul/50ml	1250	✓			NA		
18		6	-03			✓					
19		7	-05			RR@2500X		2M36522			
20		8	-07			✓		NA			
21		9	-09 12,500x	10ul/50ml	12,500	✓					
22		10	-05			✓					
23		11	-05 DUP WG79178-06			✓					1611

Comments:

Reviewed By: ____

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) W679178
Analysis Date 06/19/00

Analyst RSS\CMS
Instrument HPMS 2

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36524	<2	12	L0006193-01 ITCORP DH-398 Sandstone VO 5.6g/10ml	1ml/50ml	90X	RR@900X	1		NA	SV64-06\07	1645
25		13	-02 5.8g/10ml		85X	RR@850X					
26		14	-07 6.3g/10ml		80X	RR@800X					
27		15	-09 6.5g/10ml		75X	✓		NA			
28		16	-01 5.6g/10ml	100ul/50ml	900X	✓					
29		17	-02 5.8g/10ml		850X	✓					
30		18	L0006293-01 100X ITCORP 826-TCL 5g/10ml	1ml/50ml	100X	RR: SS					2013
					255	06/19/00					

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

966

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79282
Analysis Date 6·20·00

Analyst MES
Instrument HP MS9

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: BFB failing

Action Taken: Tuned instrument

mcf 6-21-00

Returned to Control? Yes ✓ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M100083	NA	1	WG79282-01 50ng BFB	5mL	1	RK	1	NA	SV03-14	—	—
084		2	-01			Tune ver				—	—
085		3	-01			✓				—	1023
086		4	system blank	10mL		✓			~~SV64-mcf 6-21-00~~ SV64-38	SV64-21 / SV64-24	—
087		5	WG79282- 0.5 PPB STD			✓					—
088		6	1.0 PPB STD			✓					—
089		7	5.0 PPB STD			✓					—
090		8	10.0 PPB STD			✓					—
091		9	20.0 PPB STD			✓					—
092		10	50.0 PPB STD			✓					—
093		11	100.0 PPB STD			✓					—

Comments:

Reviewed By: ___

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements

SOP References
1 MSV01 Revision 1 - (8260B)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79282
Analysis Date 6-20-00

Analyst MEJ
Instrument HP459

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M10094	NA	12	WG79282 200.0 PPB STD	10mL	1	✓	1	NA	SV64-38	SV64-21/ SV64-216	—
095		13	system blank			✓			—		—
096		14	WG79282 20PPB ALT SRC			RR			SV64-30		1644
097		15	WG79282-01 50ng BFB			✓			SV63-14	—	1721
098		16	-02 50PPB STD			✓			SV64-38	SV64-21/ SV64-216	—
099		17	-03 VBLK 0620			RR 2nd			—		—
100		18	-03 1			✓			—		—
101		19	-04 20PPB ALT SRC			✓			SV64-30		1924

MEJ 6-21-00

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
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SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79282
Analysis Date 6·20·00

Analyst MES
Instrument HP45 9

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: BFB failing

mcf 6·21·00

Action Taken: Tuned instrument

Returned to Control? Yes ✓ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M10083	NA	1	WG79282-01 50ng BFB	5mL	1	RR	1	NA	SV03-14	—	—
084		2	-01			Tune vst				—	—
085		3	-01			✓				—	1029
086		4	system blank	10mL		✓			~~SV04~~ mcf 6-21-00	SV04-21 / SV04-26	—
087		5	WG79282- 0.5 PPB STD			✓			SV04-38		—
088		6	1.0 PPB STD			✓					—
089		7	5.0 PPB STD			✓					—
090		8	10.0 PPB STD			✓					—
091		9	20.0 PPB STD			✓					—
092		10	50.0 PPB STD			✓					—
093		11	100.0 PPB STD			✓					—

Reviewed By: ___

Comments:

666

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
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SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

Workgroup #(s) WG79282

Analysis Date 6-20-00

Analyst MES

Instrument HP459

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M10094	NA	12	WG79282 200.0 PPB STD	10mL	1	✓	1	NA	SV64-38	SV04-21/ SV64-26	—
095		13	system blank			✓			—		—
096		14	WG79282 20PPB ALT SRC			RR			SV04-30		1644
097		15	WG79282-01 50ng BFB			✓			SV03-14	—	17-21
098		16	-02 50PPB STD			✓			SV64-38	SV04-21/ SV64-26	—
099		17	-03 VBLK 0ERD			RR 4o			—		—
100		18	-03			✓			—		—
101		19	-04 20PPB ALT SRC			✓			SV64-30		1924

mes 6-21-00

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79341
Analysis Date 6·20·00 (PM)

Analyst MEP
Instrument HP4S10

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem:

MEP 6·21·00

Action Taken:

Returned to Control? Yes ___ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analy Tim
10M4287	NA	1	WG79341-01 50ng BFB	5ML	1	✓	1	NA	SV63-14	—	2036
288		2	-02 50PPB STD	10ML		✓			SV104-25	SV63-15J SV64-19	/
289		3	-03 VBLK 0RED			✓			—		/
290		4	-04 20PPB LCS			✓			SV64-30		/
291	<2	5	L0001193-14 398-PPG-Tank			✓			NA		/
292		6	-16			RR10X 4-m-2-p e.b. MP					/
293		7	L0006193-17 398-PPG-Tank			✓		NA			/
294		8	L0006235-20 Lake Kellyton			✓					/
295		9	-21			✓					/
296		10	L0006245-01 BZW-SPE-VO			✓					/
297		11	-01MS			✓			SV64-30		/

Comments:

Reviewed By: ___

√ = Compliant Analysis. Reanalysis complete

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79341
Analysis Date 6·20·00 (PM)

Analyst MES
Instrument HPMS10

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analy Time
10M4298	<2	12	L0006245-01 MSD 8260-SPE-V0	10mL	1	✓	1	NA	SV64-30 NA met 6·21·00	SV63-151 SV64-19	0809
299		13	-02			✓					
300		14	-04			✓					
301		15	L0006159-01 8240-LMLCS			✓					
302		16	L0006160-02			RR 10X c.beau					
303		17	-03			✓		NA			
304		18	-01 100X		100	RR 10X					
305		19	L0006159-02 100X			~~RR~~ 1000X c6 ~~MS 6-21-00 beau~~ RR 10X RR 10,000					
306		20	-03 100X								

MES 6-21-00

Comments:

Reviewed By: _____

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
_1_ MSV01 Revision 1 - (8260B)
_2_ MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79363/WG79455-ext (670 releases)
Analysis Date 06/24/00 (AM)

Analyst KSS | CMS
Instrument HPMS-2

Daily Check	
helium >500 psi	—
bake out column	—
check disk space	—
Backed up previous day's data	—
Preventative Maintenance	NA
replace septa	
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: _____

Action Taken: 6/22/00 CMS

Returned to Control? Yes ___ No ___ Additional Discussion on Page ___

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36588	NA	1	WG79363-01 BFB 50NG STD	5 ml	NA	✓	1	NA	SV63-14	NA	0907
89		2	-02 50 ppb STD	10 ml	1	✓			SV64-25	SV64-33|41	
90		3	-03 EXT BLK 100X	1ml/50ml	100 x	✓			—		
91		4	-04 EXT LCS 100X 20ppb STD ALT	1	1	✓			SV64-30		
92		5	-05 VBLK0621 MS260	10ml	NA	✓			—		
93		6	-06 20ppb LCS ALT STD	1	1	✓			SV64-30		
94		7	L0006193-07 800X ITCORP8H-358 6.3s/10ml 826-SEEVO	100ml/5ml	800X	✓			NA		
95		8	-03 80X 6.3s/10ml	1ml/50ml	80	✓					
96	<2	9	L0006235-01 10X CH2M#ILL-606 KELLYNA 826-SEEVO	5ml/50ml	10X	✓					
97		10	-03 10X	1	1	✓					
98		11	L0006116-01 100X AMD-M-007 824-AMLCS	500ml/5ml	100X	✓					1509

Comments:

Reviewed By: _____

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune; beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

10013

KEMRON ENVIRONMENTAL SERVICES

Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79363 / ~~WG79455~~ 6270 ID2kbcccs -ext

Analysis Date 06/21/00 (AM)

Analyst KSS / CMS

Instrument HPMS2

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref.	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
2M36599	<2	12	826-SPG-00 L0006235-04 100X CH2MHILL-606-KELLY BCA	5mL/50mL	100X	✓	1	NA	NA	SV64-33 / 41	1544
600	"	13	-04MS 100X	"	"	✓	"	"	SV64-30	"	—
01	"	14	-04MSD 100X	"	"	✓	"	"	"	"	—
02	"	15	-05 10X	5mL/50mL	10X	✓	"	"	NA	"	—
03	"	16	-06 10X	"	"	✓	"	"	"	"	—
04	"	17	-07	10mL	NA	✓	"	"	"	"	—
05	"	18	-08 10X	5mL/50mL	10X	✓	"	"	"	"	—
06	"	19	-09 10X	5mL/50mL	10X	✓	"	"	"	"	1944

6270 ID2-100 cccs

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards

SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79355 Analyst MES

Analysis Date 6-21-00 (AM) Instrument HPMS1D

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner	
clip column (___ cm)	
change helium	

Additional Maintenance

Problem: MES 6-22-00

Action Taken:

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
1014309	NA	1	WG79355-01 50ng BFB	5mL	1	✓	1	NA	SV03-14	—	0844
310		2	-02 50PPB STD	10mL		✓			SV04-25	SV03-15/SV04-19	—
311		3	-03 VBLK 0621			✓			—		—
312		4	-04 20PPB LCS			✓			SV04-30		—
313	≤2	5	L0006193-05 10X 398-PPG		10	✓			NA		—
314		6	-08 10X			✓					—
315		7	-16 10X			✓					—
316		8	L0006160-02 10X 824-AML			✓					—
317		9	L -01 10X			BR 100X		1014304			—
318		10	L0006159-02 1000X 824-AML		1000	✓		NA			—
319		11	-03 10,000X		10,000	✓					—

Comments:

Reviewed By: ____

RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample
_2_ MSV10 Revision 1 - (624)

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79355
Analysis Date 6·21·00 (AM)
Analyst MES
Instrument HP5ID

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
10M4820	<2	12	L0006177-11 826-BF	10mL	1	✓	1	NA	NA	SVL3-151 SVL4-19	—
321	"	13	L0006253-01 582-AF98-FEW	"	"	✓	"	"	"	"	—
322	"	14	" -01 MS	"	"	✓	"	"	SVL4-30	"	—
323	"	15	" -01 MSD	"	"	✓	"	"	"	"	—
324	"	16	L0006235-18 6026-KellyPRA	"	"	✓	"	"	NA	"	—
325	"	17	" -19	"	"	✓	"	"	"	"	—
326	"	18	" -14	"	"	✓	"	"	"	"	—
327	5	19	L0006397-01 1000X ICC	"	1000	DO NOT REP	"	"	"	"	—
328	"	20	" -01 100X	"	100	✓	"	"	"	"	1945

MES 6·22·00

Comments:

Reviewed By: _____

✓ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
_1_ MSV01 Revision 1 - (8260B)
_2_ MSV10 Revision 1 - (624)

Method 5035 Preservation and Extraction Log
VOA Laboratory

Client	Sample #	Fraction ID	Date Collected	Time Collected (Time Zone)	Date Preserved	Time Preserved (EST)	Sample Weight (g)	Volume of Water	Volume of Methanol	Analyst Initials	Comments
ITCORPOH	1000193-01	A	6/7/00	1140	6/8/00	1901	5.91	5mL	—	LKH	NA
	-01	B		⊥		⊥	5.54	⊥	—		⊥
	-01	C		⊥		1901	5.63	—	10mL		
	-02	A		1155		1905	5.90	5mL	—		
	-02	B		⊥		⊥	5.81	⊥	—		⊥
	-02	C		⊥		⊥	5.79	—	10mL		•
	-03	A		1205		1910	6.66	5mL	—		NA
	-03	B		⊥		⊥	5.90	⊥	—		⊥
	-03	C		⊥		⊥	6.31	—	10mL		
	-04	A		1215		1912	6.15	5mL	—		
	-04	B		⊥		⊥	6.01	⊥	—		
	-04	C		⊥		⊥	6.04	—	10mL		⊥
	-06	A		1450		1915	5.70	5mL	—		EF
	-06	B		⊥		⊥	5.13	⊥	—		EF
	-06	C		⊥		⊥	5.27	—	10mL		NA
	-07	A		1500		1920	6.15	5mL	—		EF
	-07	B		⊥		⊥	6.37	⊥	—		EF
	-07	C		⊥		⊥	6.28	—	10mL		NA
	-09	A		1335		1924	6.70	5mL	—		
	-09	B		⊥		⊥	6.15	⊥	—		⊥
	-09	C		⊥		⊥	6.50	—	10mL		
	-10	A		1340		1927	5.98	5mL	—		EF
	-10	B		⊥		⊥	6.55	⊥	—		EF
	-10	C		⊥		⊥	5.84	—	10mL		NA
	-12	A		1245		1931	6.34	5mL	—		
	-12	B		⊥		⊥	6.53	⊥	—		
	-12	C		⊥		⊥	6.46	—	10mL		
	-13	A		1250		1936	6.11	5mL	—		
	-13	B		⊥		⊥	6.34	⊥	—		
⊥	⊥ -13	C	⊥	⊥	⊥	⊥	6.48	—	10mL	⊥	⊥

Supervisor Review: _____ 6/26/00

Comments:

* = improperly sealed cap
• = improperly sealed plunger
▲ = hydrocarbon odor
★ = samples preserved out of hold (past 48 hours from time of collection)

EF = sample effervesced

1000193

Method 5035 Preservation and Extraction Log
VOA Laboratory

Client	Sample #	Fraction ID	Date Collected	Time Collected (Time Zone)	Date Preserved	Time Preserved (EST)	Sample Weight (g)	Volume of Water	Volume of Methanol	Analyst Initials	Comments
ITCORPOH	100060193-15	A	6/7/00	1355	6/8/00	1939	6.41	5mL	—	LKH	NA
〃	〃 -15	B	〃	〃	〃	〃	6.22	〃	—	〃	〃
〃	〃 -15	C	〃	〃	〃	〃	6.18	—	10mL	〃	〃
	BLANK	A				1943	5.00	5mL	—		
	〃	B				〃	4.98	〃	—		
	〃	C			〃	〃	5.04	—	10mL	〃	〃

Comments:

Supervisor Review: LKH 6/26/00

* = improperly sealed cap
• = improperly sealed plunger
▲ = hydrocarbon odor
★ = samples preserved out of hold (past 48 hours from time of collection)

EF = sample effervesced

1008

KEMRON ENVIRONMENTAL SERVICES
Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79903 Analyst MES
Analysis Date 6·29·00 (AM) Instrument HPMS9

Daily Check	
helium >500 psi	✓
bake out column	✓
check disk space	✓
Backed up previous day's data	✓
Preventative Maintenance	
replace septa	NA
replace liner		
clip column (___ cm)		
change helium	—

Additional Maintenance

Problem: _____

_____

_____

_____

Action Taken: MCJ 6·30·00

_____

_____

_____

Returned to Control? Yes ____ No ____ Additional Discussion on Page ____

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M10343	NA	1	WG79903-01 50ng BFB	5mL	1	✓	1	NA	SV05-01	—	0709
344	"	2	-02 80PPB STD	10mL	"	✓	"	"	SV04-38	SV04-21 SV04-26	"
345	"	3	-03 VBLK 0629	"	"	RR40	"	"	—	"	"
346	"	4	-05	"	"	✓	"	"	—	"	"
347	"	5	-04 80PPB LCS	"	"	✓	"	"	SV04-30	"	"
348	<2	6	L0006193-11 100X 8260 ITCORP	"	100	RR 1000X	"	9M10351	NA	"	"
349	"	7	L0006425-09 8260-LOWRY	"	1	✓	"	NA	"	"	"
350	"	8	-10	"	"	✓	"	"	"	"	"
351	"	9	L0006193-11 100X 8260 IT	"	1000	✓	"	"	"	"	"
352	"	10	L0006425-09MS 8260-LOWRY	"	1	✓	"	"	SV04-30	"	"
353	"	11	-09MSD	"	"	✓	"	"	"	"	"

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

Volatile GC/MS Laboratory Maintenance / Runlog

Workgroup #(s) WG79903

Analysis Date 10·29·00

Analyst MES

Instrument HPMS 9

Filename	pH	Station	Sample ID	Sample Amount	Dilution Factor	Comments	SOP Ref	Reanalysis (if applicable)	SOLN #	IS/SS SOLN #	Analysis Time
9M10354	<2	12	L0006417-01 8260-BETXN	10mL	1	✓	1	NA	NA	SV64-21 SV64-22	
355		13	-02			✓					
356		14	-03			✓					
357		15	L0006453-15 8260-LOW			✓					
358		16	-16			✓					
359		17	-18			✓					
360		18	-19			✓					
361		19	-20			✓					
362		20	-21			✓					
363		21	-22			✓					
364		22	-23			✓					1901
365	NA	23	L0006288-01 10X 8260-TC		10	RR 1000X					

Reviewed By: _____

Comments:

√ = Compliant Analysis, Reanalysis complete
RR = Rerun
RR = Rerun at a specified level
IS or SS = Interference with internal and/or surrogate standards
SMI = Sample matrix interference
MT = Missed Tune, beyound method tuning requirements
CC = Continuing calibration failed
C/O = Suspected carryover from previous sample

SOP References
1 MSV01 Revision 1 - (8260B)
2 MSV10 Revision 1 - (624)

1010

2.4 General Chemistry Data

PERCENT SOLIDS DATA

Login Number: L0006193

✓ Analysis benchsheet

✓ Calculation spreadsheet

Checked By: dlw Date: 6/18/00

PERCENT SOLIDS

Workgroup: 78495 Approval: _____

ADT (on): Tmm 6/8/00 @1330 ADT (off): Tmm 6/9/00 @ 0850

Sample	Empty Pan WT 1	WET WT 2	DRY WT 3A	DRY WT 3B	DRY WT 3C
06-062-01	1.22	22.40	23.65		
06-071-03	1.28	29.49	24.99		
06-191-01-02-03	1.29	26.50	23.62		
04	1.27	25.33	20.08		
05	1.28	23.57	18.99		
06	1.28	26.41	22.61		
07	1.27	23.69	20.04		
08	1.28	25.35	21.23		
09	1.27	26.47	22.30		
10	1.27	28.29	23.01		
11	1.28	25.92	21.60		
12	1.29	33.29	27.36		
13	1.30	29.26	23.82		
14	1.30	20.76	17.19		
15	1.30	30.16	24.87		
06-05-164-05	1.30	32.45	30.35		
06	1.30	29.29	27.44		
Duplicate 05-164-06	1.30	29.30	26.76		

Workgroup: 78607 Approval: JWR 06/12/00

ADT (on): Tmm 6/9/00 @ 1045 ADT (off): Tmm 6/12/00 @ 0930

Sample	Empty Pan WT 1	WET WT 2	DRY WT 3A	DRY WT 3B	DRY WT 3C
06-210-07	1.27	20.44	6.03		
08	1.27	21.45	6.67		
09	1.27	20.06	6.34		
10	1.28	20.80	6.45		
11	1.28	22.41	8.22		
12	1.29	28.05	8.30		
13	1.28	30.40	8.92		
06-193-01	1.27	35.97	34.01		
02	1.27	31.43	29.29		
03	1.27	27.20	24.73		
04	1.26	36.99	32.77		
06	1.27	29.51	28.30		
07	1.28	31.93	29.70		
09	1.28	22.56	20.30		
10	1.27	35.43	32.32		
12	1.27	33.55	30.68		
13	1.27	34.05	30.58		
15	1.27	36.74	33.21		
06-182-02	1.27	24.09	16.55		
04	1.27	21.50	9.03		
Duplicate 06-193-06	1.27	32.24	30.77		

Approved By: _____

KJ

KEMRON Environmental Services

WG 78607

TEST CODE: PCT_S NAME: PERCENT SOLIDS

METHOD: ASTM

UNITS: % ADT: TMM/06/09/00/104

SamN	WT1	WT2	WT3	Level	Results	Units
06-210-07	1.27	20.44	6.03	24.83	25	%
08	1.27	21.45	6.67	26.759	27	%
09	1.27	20.06	6.34	26.982	27	%
10	1.28	20.8	6.45	26.486	26	%
11	1.28	27.41	8.22	26.56	26	%
12	1.29	28.05	8.3	26.196	26	%
13	1.28	30.4	9.92	26.236	26	%
06-193-01	1.27	35.97	34.01	94.352	94	%
02	1.27	31.43	29.29	92.905	93	%
03	1.27	27.2	24.73	90.474	90	%
04	1.26	36.99	32.77	88.189	88	%
06	1.27	29.51	28.3	95.715	96	%
07	1.28	31.93	29.7	92.724	93	%
09	1.28	22.56	20.3	89.38	89	%
10	1.27	35.43	32.32	90.896	91	%
12	1.27	33.55	30.68	91.109	91	%
13	1.27	34.05	30.58	89.414	89	%
15	1.27	36.74	33.21	90.048	90	%
06-182-02	1.27	24.09	16.55	66.959	67	%
04	1.27	21.5	9.03	38.359	38	%
DUP-193-06	1.27	32.24	30.77	95.253	95	%

JWR

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

PO Number:
Account Number: ITCORPOH-398

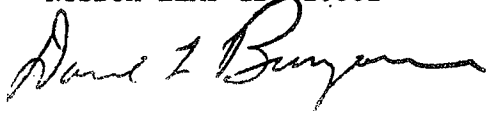
Login #: L0101364
Report Date: 02/06/01
Work ID: 778165/PPG OAK CREEK
Date Received: 01/18/01

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0101364-01	SB9/0-4	L0101364-02	SB9/4-8
L0101364-03	SB9GW	L0101364-04	SB8/0-4
L0101364-05	SB8/8-12	L0101364-06	SB8GW
L0101364-07	SB6/0-4	L0101364-08	SB6/4-8
L0101364-09	SB6GW	L0101364-10	SB7/0-4
L0101364-11	SB7/4-8	L0101364-12	SB7GW
L0101364-13	SB13/0-4	L0101364-14	SB13/8-12
L0101364-15	SB13GW	L0101364-16	SB14/0-4
L0101364-17	SB14/8-12	L0101364-18	SB14/8-12/DUP
L0101364-19	SB14GW	L0101364-20	SB14GW/DUP
L0101364-21	TRIP BLANK		

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861



Certified By
David L. Bumgarner

KEMRON
ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

L0101364

CHAIN OF CUSTODY:

The chain of custody numbers were 15142 and 15143.

SHIPMENT CONDITIONS:

The chain of custody was received sealed in a cooler. The cooler temperature was 3° C.

SAMPLE MANAGEMENT:

All samples were received intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

REVIEWED: Melissa Thames DATE: 1/18/01

REPORT NARRATIVE
GC/MS VOLATILE ORGANICS

KEMRON Login No: L0101364

METHOD

Preparation: SW- 846 5030B/5035
Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.
Sample Analysis: All holding times were met.

PREPARATION

Upon preservation of low-level samples with sodium bisulfate, effervescence occurred.

CALIBRATION

Initial calibrations: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.
Laboratory Control Samples: All acceptance criteria were met.
Matrix Spikes: MS/MSD analyzed with this SDG were not client requested.

SAMPLES

Internal Standards: Outliers were confirmed by reanalysis.
Surrogates: Outliers were confirmed by reanalysis.
Samples: Multiple samples required dilution analyses.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: MES REVIEWED: [signature] DATE: 2/9/01

Rev. 7/14/00

Login #L0101364
February 6, 2001 05:04 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-01
Client Sample ID: SB9/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 10:00

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-01
Client Sample ID: SB9/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 23:13

Dil. Type: N/A
COC Info: 15143/

Date Collected: 01/17/01

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24312

Sample Weight: N/A
Extract Volume: N/A

% Solid: 92

Method: 8260B\5030B
Run ID: R112209
Batch : WG90749

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg		ND	87	.8
100-41-4	Ethylbenzene	ug/kg	29		4.3	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	8.7	.8
75-09-2	Methylene chloride	ug/kg		ND	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.87	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.87	.8
108-88-3	Toluene	ug/kg		ND	4.3	.8
95-47-6	o-Xylene	ug/kg		ND	4.3	.8
136777-61-2	m-Xylene	ug/kg		ND	4.3	.8
106-42-3	p-Xylene	ug/kg		ND	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	109	(80 - 120%)
1,2-Dichloroethane-d4	98.4	(80 - 120%)
Toluene-d8	98.8	(81 - 117%)
4-Bromofluorobenzene	108	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-02
Client Sample ID: SB9/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 10:15

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-02
Client Sample ID: SB9/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 92

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 11:37

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24293

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg		ND	87	.8
100-41-4	Ethylbenzene	ug/kg		ND	4.3	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	8.7	.8
75-09-2	Methylene chloride	ug/kg		ND	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.87	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.87	.8
108-88-3	Toluene	ug/kg	6.0		4.3	.8
95-47-6	o-Xylene	ug/kg		ND	4.3	.8
136777-61-2	m-Xylene	ug/kg		ND	4.3	.8
106-42-3	p-Xylene	ug/kg		ND	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	106	(80 - 120%)
1,2-Dichloroethane-d4	98.3	(80 - 120%)
Toluene-d8	101	(81 - 117%)
4-Bromofluorobenzene	109	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-03
Client Sample ID: SB9GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/22/01 Time: 20:37

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8619

Method: 8260B\5030B
Run ID: R111851
Batch : WG90607

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	590	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	75	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	92.0	(86 - 118%)
1,2-Dichloroethane-d4	86.4	(80 - 120%)
Toluene-d8	93.7	(88 - 110%)
4-Bromofluorobenzene	98.7	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-04
Client Sample ID: SB8/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 11:40

% Solid: 94
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	94		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-04
Client Sample ID: SB8/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 12:10

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24294

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	3.7	.7
78-93-3	2-Butanone	ug/kg		ND	74	.7
100-41-4	Ethylbenzene	ug/kg		ND	3.7	.7
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	7.4	.7
75-09-2	Methylene chloride	ug/kg		ND	3.7	.7
100-42-5	Styrene	ug/kg		ND	3.7	.7
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.74	.7
127-18-4	Tetrachloroethene	ug/kg		ND	0.74	.7
108-88-3	Toluene	ug/kg		ND	3.7	.7
95-47-6	o-Xylene	ug/kg		ND	3.7	.7
136777-61-2	m-Xylene	ug/kg		ND	3.7	.7
106-42-3	p-Xylene	ug/kg		ND	3.7	.7

SURROGATES- In Percent Recovery:

Dibromofluoromethane	112	(80 - 120%)
1,2-Dichloroethane-d4	102	(80 - 120%)
Toluene-d8	96.8	(81 - 117%)
4-Bromofluorobenzene	101	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-05
Client Sample ID: SB8/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 12:00

% Solid: 89
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	89		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-05
Client Sample ID: SB8/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 89

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 12:43

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24295

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	3.9	.7
78-93-3	2-Butanone	ug/kg		ND	79	.7
100-41-4	Ethylbenzene	ug/kg		ND	3.9	.7
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	7.9	.7
75-09-2	Methylene chloride	ug/kg		ND	3.9	.7
100-42-5	Styrene	ug/kg		ND	3.9	.7
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.79	.7
127-18-4	Tetrachloroethene	ug/kg		ND	0.79	.7
108-88-3	Toluene	ug/kg		ND	3.9	.7
95-47-6	o-Xylene	ug/kg		ND	3.9	.7
136777-61-2	m-Xylene	ug/kg		ND	3.9	.7
106-42-3	p-Xylene	ug/kg		ND	3.9	.7

SURROGATES- In Percent Recovery:

Dibromofluoromethane	113	(80 - 120%)
1,2-Dichloroethane-d4	105	(80 - 120%)
Toluene-d8	97.4	(81 - 117%)
4-Bromofluorobenzene	106	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-06
Client Sample ID: SB8GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 04:52

Dil. Type: N/A
COC Info: 15143/

Date Collected: 01/17/01

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M41544

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R111439
Batch : WG90607

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	79		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97.5	(86 - 118%)
1,2-Dichloroethane-d4	95.4	(80 - 120%)
Toluene-d8	98.0	(88 - 110%)
4-Bromofluorobenzene	99.6	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-07
Client Sample ID: SB6/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 12:35

% Solid: 94
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	94		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-07
Client Sample ID: SB6/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 13:17

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24296

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg		ND	85	.8
100-41-4	Ethylbenzene	ug/kg		ND	4.3	.8
108-10-1	4-Methyl-2-pentanone	ug/kg	13		8.5	.8
75-09-2	Methylene chloride	ug/kg		ND	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.85	.8
127-18-4	Tetrachloroethene	ug/kg	8.2		0.85	.8
108-88-3	Toluene	ug/kg	5.0		4.3	.8
95-47-6	o-Xylene	ug/kg	160		4.3	.8
136777-61-2	m-Xylene	ug/kg	890	Z,D	450	85
106-42-3	p-Xylene	ug/kg		Z	450	85

SURROGATES- In Percent Recovery:

Dibromofluoromethane	124 *	(80 - 120%)
1,2-Dichloroethane-d4	109	(80 - 120%)
Toluene-d8	92.1	(81 - 117%)
4-Bromofluorobenzene	115	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-08
Client Sample ID: SB6/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 12:50

% Solid: 94
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	94		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-08
Client Sample ID: SB6/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 12:11

Instrument: HPMS9
Analyst: MES
Lab File ID: 9M14421

Method: 8260B\5030B
Run ID: R112946
Batch : WG90694

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	450	85
78-93-3	2-Butanone	ug/kg		ND	9000	85
100-41-4	Ethylbenzene	ug/kg	890		450	85
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	900	85
75-09-2	Methylene chloride	ug/kg		ND	450	85
100-42-5	Styrene	ug/kg		ND	450	85
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	90	85
127-18-4	Tetrachloroethene	ug/kg		ND	90	85
108-88-3	Toluene	ug/kg		ND	450	85
95-47-6	o-Xylene	ug/kg	68000	D	4500	850
136777-61-2	m-Xylene	ug/kg	240000	D,Z	4500	850
106-42-3	p-Xylene	ug/kg		Z	4500	850

SURROGATES- In Percent Recovery:

Dibromofluoromethane	79.4 *	(80 - 120%)
1,2-Dichloroethane-d4	77.6 *	(80 - 120%)
Toluene-d8	93.9	(81 - 117%)
4-Bromofluorobenzene	131 *	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-09
Client Sample ID: SB6GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/22/01 Time: 21:43

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8621

Method: 8260B\5030B
Run ID: R111851
Batch : WG90607

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	580	D	50	10
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	8.4		5.0	1
95-47-6	o-Xylene	ug/L	370	D	50	10
108-38-3	m-Xylene	ug/L	1900	D,Z	50	10
106-42-3	p-Xylene	ug/L		Z	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	90.8	(86 - 118%)
1,2-Dichloroethane-d4	84.7	(80 - 120%)
Toluene-d8	92.1	(88 - 110%)
4-Bromofluorobenzene	96.9	(86 - 115%)

RL = Reporting Limit

20

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-10
Client Sample ID: SB7/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 13:20

% Solid: 93
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	93		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

21

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-10
Client Sample ID: SB7/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 93

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 13:50

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24297

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg		ND	86	.8
100-41-4	Ethylbenzene	ug/kg	28		4.3	.8
108-10-1	4-Methyl-2-pentanone	ug/kg	19		8.6	.8
75-09-2	Methylene chloride	ug/kg		ND	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.86	.8
127-18-4	Tetrachloroethene	ug/kg	64		0.86	.8
108-88-3	Toluene	ug/kg	29		4.3	.8
95-47-6	o-Xylene	ug/kg	2800	D	430	80
136777-61-2	m-Xylene	ug/kg	8600	Z,D	430	80
106-42-3	p-Xylene	ug/kg		Z	430	80

SURROGATES- In Percent Recovery:

Dibromofluoromethane	111	(80 - 120%)
1,2-Dichloroethane-d4	95.3	(80 - 120%)
Toluene-d8	95.0	(81 - 117%)
4-Bromofluorobenzene	93.2	(74 - 121%)

RL = Reporting Limit

22

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-11
Client Sample ID: SB7/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 13:25

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-11
Client Sample ID: SB7/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 12:42

Dil. Type: N/A
COC Info: 15143/

Date Collected: 01/17/01

Instrument: HPMS9
Analyst: MES
Lab File ID: 9M14422

Sample Weight: N/A
Extract Volume: N/A

% Solid: 92

Method: 8260B\5030B
Run ID: R112947
Batch : WG90774

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	490	90
78-93-3	2-Butanone	ug/kg		ND	9800	90
100-41-4	Ethylbenzene	ug/kg	78000	D	4900	900
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	980	90
75-09-2	Methylene chloride	ug/kg		ND	490	90
100-42-5	Styrene	ug/kg		ND	490	90
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	98	90
127-18-4	Tetrachloroethene	ug/kg	200		98	90
108-88-3	Toluene	ug/kg	68000	D	4900	900
95-47-6	o-Xylene	ug/kg	120000	D	4900	900
136777-61-2	m-Xylene	ug/kg	610000	D,Z	54000	10000
106-42-3	p-Xylene	ug/kg		Z	490	90

SURROGATES- In Percent Recovery:

Dibromofluoromethane	82.2		(80 - 120%)
1,2-Dichloroethane-d4	78.7	*	(80 - 120%)
Toluene-d8	97.2		(81 - 117%)
4-Bromofluorobenzene	142	*	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-12
Client Sample ID: SB7GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/22/01 Time: 22:16

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8622

Method: 8260B\5030B
Run ID: R111852
Batch : WG90627

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	3000	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	79		5.0	1
95-47-6	o-Xylene	ug/L	630	D	50	10
108-38-3	m-Xylene	ug/L	4000	D,Z	50	10
106-42-3	p-Xylene	ug/L		Z	50	10

SURROGATES- In Percent Recovery:

Dibromofluoromethane	90.8	(86 - 118%)
1,2-Dichloroethane-d4	83.6	(80 - 120%)
Toluene-d8	92.2	(88 - 110%)
4-Bromofluorobenzene	99.5	(86 - 115%)

RL = Reporting Limit

Login #L0101364
February 6, 2001 05:04 pm

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-13
Client Sample ID: SB13/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 14:20

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

26

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-13
Client Sample ID: SB13/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 14:23

Dil. Type: N/A
COC Info: 15143/

Date Collected: 01/17/01

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24298

Sample Weight: N/A
Extract Volume: N/A

% Solid: 92

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.9	.9
78-93-3	2-Butanone	ug/kg		ND	98	.9
100-41-4	Ethylbenzene	ug/kg		ND	4.9	.9
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.8	.9
75-09-2	Methylene chloride	ug/kg		ND	4.9	.9
100-42-5	Styrene	ug/kg		ND	4.9	.9
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.98	.9
127-18-4	Tetrachloroethene	ug/kg		ND	0.98	.9
108-88-3	Toluene	ug/kg	7.3		4.9	.9
95-47-6	o-Xylene	ug/kg	5.9		4.9	.9
136777-61-2	m-Xylene	ug/kg	12	Z	4.9	.9
106-42-3	p-Xylene	ug/kg		Z	4.9	.9

SURROGATES- In Percent Recovery:

Dibromofluoromethane	104	(80 - 120%)
1,2-Dichloroethane-d4	92.4	(80 - 120%)
Toluene-d8	98.0	(81 - 117%)
4-Bromofluorobenzene	97.2	(74 - 121%)

RL = Reporting Limit

27

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-14
Client Sample ID: SB13/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 14:35

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-14
Client Sample ID: SB13/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 92

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/25/01 Time: 00:23

Instrument: HPMS8
Analyst: RSS
Lab File ID: 8M300893

Method: 8260B\5030B
Run ID: R112137
Batch : WG90717

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	5200	950
78-93-3	2-Butanone	ug/kg		ND	100000	950
100-41-4	Ethylbenzene	ug/kg	1600		5200	950
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10000	950
75-09-2	Methylene chloride	ug/kg		ND	5200	950
100-42-5	Styrene	ug/kg	5200		5200	950
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	1000	950
127-18-4	Tetrachloroethene	ug/kg		ND	1000	950
108-88-3	Toluene	ug/kg		ND	5200	950
95-47-6	o-Xylene	ug/kg	170000		5200	950
136777-61-2	m-Xylene	ug/kg	320000	Z	5200	950
106-42-3	p-Xylene	ug/kg		Z	5200	950

SURROGATES- In Percent Recovery:

Dibromofluoromethane	89.9	(80 - 120%)
1,2-Dichloroethane-d4	82.5	(80 - 120%)
Toluene-d8	96.3	(81 - 117%)
4-Bromofluorobenzene	103	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-15
Client Sample ID: SB13GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 06:40

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M41547

Method: 8260B\5030B
Run ID: R111441
Batch : WG90607

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	13		5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	11		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L	6.0		5.0	1
95-47-6	o-Xylene	ug/L	5.4		5.0	1
108-38-3	m-Xylene	ug/L	29	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97.0	(86 - 118%)
1,2-Dichloroethane-d4	93.0	(80 - 120%)
Toluene-d8	99.4	(88 - 110%)
4-Bromofluorobenzene	99.3	(86 - 115%)

RL = Reporting Limit

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KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-16
Client Sample ID: SB14/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 15:05

% Solid: 94
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	94		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-16
Client Sample ID: SB14/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 14:57

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24299

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.8	.9
78-93-3	2-Butanone	ug/kg		ND	96	.9
100-41-4	Ethylbenzene	ug/kg	130		4.8	.9
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.6	.9
75-09-2	Methylene chloride	ug/kg		ND	4.8	.9
100-42-5	Styrene	ug/kg	3800	D	480	90
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.96	.9
127-18-4	Tetrachloroethene	ug/kg		ND	0.96	.9
108-88-3	Toluene	ug/kg	14		4.8	.9
95-47-6	o-Xylene	ug/kg	1500	D	480	90
136777-61-2	m-Xylene	ug/kg	73	Z	4.8	.9
106-42-3	p-Xylene	ug/kg		Z	4.8	.9

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.7		(80 - 120%)
1,2-Dichloroethane-d4	82.6		(80 - 120%)
Toluene-d8	126	*	(81 - 117%)
4-Bromofluorobenzene	2080	*	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-17
Client Sample ID: SB14/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 15:20

% Solid: 92
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-17
Client Sample ID: SB14/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 92

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 11:40

Instrument: HPMS9
Analyst: MES
Lab File ID: 9M14420

Method: 8260B\5030B
Run ID: R112946
Batch : WG90694

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	460	85
78-93-3	2-Butanone	ug/kg		ND	9200	85
100-41-4	Ethylbenzene	ug/kg	1000		460	85
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	920	85
75-09-2	Methylene chloride	ug/kg		ND	460	85
100-42-5	Styrene	ug/kg		ND	460	85
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	92	85
127-18-4	Tetrachloroethene	ug/kg		ND	92	85
108-88-3	Toluene	ug/kg		ND	460	85
95-47-6	o-Xylene	ug/kg		ND	460	85
136777-61-2	m-Xylene	ug/kg	2800	Z	460	85
106-42-3	p-Xylene	ug/kg		Z	460	85

SURROGATES- In Percent Recovery:

Dibromofluoromethane	82.0		(80 - 120%)
1,2-Dichloroethane-d4	78.3	*	(80 - 120%)
Toluene-d8	128	*	(81 - 117%)
4-Bromofluorobenzene	273	*	(74 - 121%)

RL= Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101364-18
Client Sample ID: SB14/8-12/DUP
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/17/01 15:20

% Solid: 89
COC Info: 15143/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	89		1.0	1	N/A	TMM	01/19/01	13:50	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-18
Client Sample ID: SB14/8-12/DUP
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 15143/
Date Collected: 01/17/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 89

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 15:30

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24300

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	5.1	.9
78-93-3	2-Butanone	ug/kg		ND	100	.9
100-41-4	Ethylbenzene	ug/kg	57		5.1	.9
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	10	.9
75-09-2	Methylene chloride	ug/kg		ND	5.1	.9
100-42-5	Styrene	ug/kg		ND	5.1	.9
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	1.0	.9
127-18-4	Tetrachloroethene	ug/kg		ND	1.0	.9
108-88-3	Toluene	ug/kg	13		5.1	.9
95-47-6	o-Xylene	ug/kg	76		5.1	.9
136777-61-2	m-Xylene	ug/kg	3500	Z,D	480	85
106-42-3	p-Xylene	ug/kg		Z	480	85

SURROGATES- In Percent Recovery:

Dibromofluoromethane	79.0 *	(80 - 120%)
1,2-Dichloroethane-d4	71.2 *	(80 - 120%)
Toluene-d8	219 *	(81 - 117%)
4-Bromofluorobenzene	1170 *	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-19
Client Sample ID: SB14GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/22/01 Time: 23:24

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8624

Method: 8260B\5030B
Run ID: R111852
Batch : WG90627

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	47		5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	6400	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	68	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	90.6		(86 - 118%)
1,2-Dichloroethane-d4	83.4		(80 - 120%)
Toluene-d8	92.6		(88 - 110%)
4-Bromofluorobenzene	136	*	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-20
Client Sample ID: SB14GW/DUP
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15143/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/22/01 Time: 23:57

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8625

Method: 8260B\5030B
Run ID: R111852
Batch : WG90627

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L	47		5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	6400	D	500	100
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L	69	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	88.8		(86 - 118%)
1,2-Dichloroethane-d4	80.9		(80 - 120%)
Toluene-d8	93.1		(88 - 110%)
4-Bromofluorobenzene	135	*	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101364-21
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 15142/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 01/17/01

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 07:16

Instrument: HPMS2
Analyst: CMS
Lab File ID: 2M41548

Method: 8260B\5030B
Run ID: R111441
Batch : WG90607

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.0	(86 - 118%)
1,2-Dichloroethane-d4	93.2	(80 - 120%)
Toluene-d8	99.1	(88 - 110%)
4-Bromofluorobenzene	99.8	(86 - 115%)

RL = Reporting Limit

Order #: 01-01-364
February 6, 2001 05:04 pm

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG90537	R111348	L0101364-01		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-02		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-04		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-05		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-07		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-08		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-10		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-11		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-13		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-14		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-16		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-17		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90537	R111348	L0101364-18		Soil	Percent Solids	D2216-90	17-JAN-2001	Conventionals
WG90607	R111851	L0101364-03		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90607	R111439	L0101364-06		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90607	R111851	L0101364-09		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90607	R111441	L0101364-15		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90607	R111441	L0101364-21		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90627	R111852	L0101364-12		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90627	R111852	L0101364-19		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90627	R111852	L0101364-20		Water	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-02		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-04		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-05		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-07		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-10		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-13		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-16		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101364-18		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90694	R112946	L0101364-08		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90694	R112946	L0101364-17		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90717	R112137	L0101364-14		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90749	R112209	L0101364-01		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS
WG90774	R112947	L0101364-11		Soil	Special List - 8260	8260B\5030B	17-JAN-2001	Volatile - GC/MS

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KEMRON ANALYST LIST

Ohio Valley Laboratory

01/02/2001

ABW - ANGELA B. WIGAL
ADH - ANGELA D. HURST
ADK - ALISHA D. KINDLER
AJF - AMANDA J. FICKIESEN
ALT - ANN L. THAYER
AMT - ANDREA M. TUCKER
ARS - ANGELINA R. SCOTT
BJM - BARRY J. MYERS
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CBN - CHARLES B. NOLL
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLW - CHARISSA L. WINTERS
CMS - CRYSTAL M. STEVENS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAM - DAN A. MUSGRAVE
DAS - DALLAS A. SULLIVAN
DAT - DEBBIE A. TORNES
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLA - DENISE L. ADAMS
DLB - DAVID L. BUMGARNER
DLN - DEANNA L. NORTON
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DMD - DAVID M. DYE
DP - DEANNA L. PIERSON
DST - DENNIS S. TEPE
DTK - DEENA T. KELLEY
EAN - ELIZABETH A. NICHOLSON
EAW - ELIZABETH A. WEBER
ECL - ERIC C. LAWSON
EIE - ELIZABETH I. EAGLE
GSG - GALEN S. GEORGE
GWH - GEORGE W. HUTCHISON
HD - HEATH DENNIS
HV - HEMA VILASAGAR
JAQ - JEROMY A. QUESENBERRY
JAW - JOYCE A. WITHERS
JKM - JUNE K. MORRIS
JKW - JANE K. WARDEN
JLH - JANICE L. HOLLAND
JMM - JARROD M. MARTIN
JMT - JOY M. THOMAS
JMW - JOHN M. WASS
JRM - JAY R. MCDOUGAL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KDS - KRISTI D. STONE
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
KSL - KELLY S. LAUER
LBM - LAWRENCE B. MCSWEGAN
LKN - LINDA K. NEDEFF
LLB - LORI L. BRADLEY
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MDG - MELISSA D. GRIMES
MEF - MIKE E. FLANAGAN
MES - MARY E. SCHILLING
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
PML - PAULA M. LEIDY
PVH - PETER V. HARRIS
RDC - REBECCA D. CUTLIP
REF - RON E. FERTILE
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RLW - RON L. WATSON
RSH - RENEE S. HENNES
RSS - REGINA S. SIMMONS
RVC - RUTH V. CALLIHAN
RWC - ROD W. CAMPBELL
SJK - SINDY J. KINNEY
SLP - SHERI L. PFALZGRAF
SLT - STEPHANIE L. TEPE
SMW - SHAUNA M. WELCH
SPL - STEVE P. LEARN
SPS - STEVE P. SWATZEL
TJH - TIM J. HOEFLICH
TLD - TERESA L. DAVIS
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER

KEMRON Environmental Services, Inc
List of Valid Qualifiers
December 15, 2000

Standard Qualifiers

These are KEMRON's Standard Report Qualifiers

A	See the report narrative
B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration >40% difference between The two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Re analysis confirms reported results
RE	Re analysis confirms sample matrix Interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out Of control limits
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less Than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

***** Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semiquantative screens only
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
3. N-nitrosodiphenylamine cannot be separated from diphenylamine
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5. m-Xylene and p-Xylene are unresolvable compounds
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitation is an estimation
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The analyte was positively identified but the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

KEMRON Internal Laboratory Chain of Custody

Work Order: 0101364 **Client:** FT **# of Samples:** 21 **Due Date:** 1/29 **Page:** _____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1,2,4,5,7,8,10,11, 13,14,16,17,18	8260-SL	ANAL	LSS 01/18/01 @ 1413	Login	VOA	BLG	LSS 01/19/01 @ 1230	Archive	CMS	Archive
4,2,4,5,7,8, 10,11,12,14,16,17, 3,6,9,12,15	PCT-S	test	Tmm 1/19/01 @ 1000	walkin	wet	BLG	Tmm 1/19/01 @ 1600	archive	CMS	archive
19-21	8260-WT	anal	CMS @ 1010 1-19-01	V-1	VOA	BLG	LSS 01/20/01 @ 1230	Archive	CMS	Archive

COC No. A 15143

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORPORATION

Project Contact: PAUL LAMBERT

Contact Phone #: 312-263-2727

Turn Around Requirements: STANDARD

Location: 300 W. WASHINGTON SUITE 900, CHICAGO, IL 60606

Project #: 778165

Project Name: PPG OAK CREEK

Sampler (print): ED WALCZAK

Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (12 selected VOCs)
SB9 (0-4)		X	1/17/01	1000			4		X
SB9 (4-8)		X		1015			4		X
SB9 GW		X		1030			2		X
SB8 (0-4)		X		1140			4		X
SB8 (8-12)		X		1200			4		X
SB8 GW		X		1210			2		X
SB6 (0-4)		X		1235			4		X
SB6 (4-8)		X		1250			4		X
SB6 GW		X		1245			2		X
SB7 (0-4)		X		1320			4		X
SB7 (4-8)		X		1325			4		X
SB7 GW		X		1340			2		X
SB13 (0-4)		X		1420			4		X
SB13 (8-12)		X		1435			4		X
SB13 GW		X		1450			2		X
SB14 (0-4)		X		1505			4		X
SB14 (8-12)		X		1520			4		X
SB14GW		X		1545			2		X
SB14GW DUP		X		1545			2		X
SB14 (8-12) DUP		X		1520			4		X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	1/17/01	1905					
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Blanche Gregory	1/18/01	1146	3	Cc dated Sb contact 629

*Homogenize all composite samples prior to analysis

COC No. A 15142

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORPORATION

Project Contact: PAUL LAMBERT

Contact Phone #: 312-263-2727

Turn Around Requirements: STANDARD

Location: 300 W. WASHINGTON SUITE 900, CHICAGO, IL 60606

Project #: 778165

Project Name: PPG OAK CREEK

Sampler (print): ED WALCZAK

Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs (8260) (10 selected VOCs)
TRIP BLANK			1/17/01				2		X
~~SB14GW DUP~~		X	1/17/01	1545			2		X

↑ duplicate entry cancel per client MG 1/19

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	1/17/01	1905					
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Brenda Gregory	1/18/01	1140	3	IC sealed SB intact bg

*Homogenize all composite samples prior to analysis

CRF #3

KEMRON Environmental Services	SAMPLES RECEIPT FORM #1	Marietta Laboratory

CLIENT:	DATE:	SHIPPED BY:
(BRG) Other ____ IT - Oak Creek	1-18-01	(✓) FED-EX ( ) AIRBORNE ( ) UPS ( ) EMERY ( ) RPS ( ) US MAIL ( ) KEMRON ( ) CLIENT

COOLER ID: KL658	COOLER ID:	COOLER ID:
INDEX # : 823948895357	INDEX # :	INDEX # :
SEALED (✓) YES ( ) NO	SEALED ( ) YES ( ) NO	SEALED ( ) YES ( ) NO
CUSTODY (✓) YES ( ) NO	CUSTODY ( ) YES ( ) NO	CUSTODY ( ) YES ( ) NO
TEMP : (C) (D) 3 °C	TEMP : (C) (D) °C	TEMP : (C) (D) °C
TEMP IN RANGE (4°C ± 2°) (✓) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO
WET ICE (✓) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )
ICE FROZEN (✓) MELTED ( )	ICE FROZEN ( ) MELTED ( )	ICE FROZEN ( ) MELTED ( )
RADIATION CHECKED (✓) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO
SAMPLE INTACT (✓) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO
SAMPLE TYPE: WATER (✓) SOIL (✓) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )
LABELS: INTACT (✓) YES ( ) NO LEGIBLE (✓) YES ( ) NO MATCH COC (✓) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO
pH IN RANGE (2 - >9 - >12) (✓) YES ( ) NO AS APPROPRIATE	pH IN RANGE (2 - >9 - >12) ( ) YES ( ) NO AS APPROPRIATE	pH IN RANGE (2 - >9 - >12) ( ) YES ( ) NO AS APPROPRIATE
LOG-IN COMMENTS	LOG-IN COMMENTS	LOG-IN COMMENTS

TSR COMMENTS

CONTACT:	DATE:	TIME:

COMMENTS: ( ) VOICE ( ) FAX ( ) E-MAIL

Revised 01/04/01

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

IT CORPORATION
16046 U.S. Route 224 East
P.O.Box 551
Findlay, OH 45839
Attention: Guy Gallello

Login #: L0101406
Report Date: 02/01/01
Work ID: 778165/PPG OAK CREEK
Date Received: 01/19/01

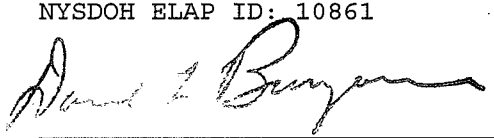
PO Number:
Account Number: ITCORPOH-398

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0101406-01	SB12/0-4	L0101406-02	SB12/4-8
L0101406-03	SB12GW	L0101406-04	SB12GW/DUP
L0101406-05	SB10/0-4	L0101406-06	SB10/8-12
L0101406-07	SB10GW	L0101406-08	SB11/0-4
L0101406-09	SB11/4-8	L0101406-10	SB11/4-8/DUP
L0101406-11	SB11GW	L0101406-12	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861



Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

L0101406

CHAIN OF CUSTODY:

The chain of custody numbers was 22328.

SHIPMENT CONDITIONS:

The chain of custody was received sealed in a cooler. The cooler temperature was 2° C.

SAMPLE MANAGEMENT:

All samples were received intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

REVIEWED: Melissa Barnes DATE: 1/18/01

REPORT NARRATIVE
GC/MS VOLATILE ORGANICS

KEMRON Login No: L0101406

METHOD

Preparation: SW- 846 5030B/5035
Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met. Upon preservation with sodium bisulfate, fractions 01 and 02 effervesced. All other soils were preserved with water only.
Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial calibrations: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Samples: All target analyte acceptance criteria were met.

Matrix Spikes: The MS/MSD results were not associated with this sample delivery group.

SAMPLES

Internal Standards: All acceptance criteria were met.

Surrogates: Sample fraction 06 yielded a % recovery for 1,2-dichloroethane-d4 that was below the lower surrogate limit. All other acceptance criteria were met.

Samples: All acceptance criteria were met.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: CMS

REVIEWED: Stephanie Stepe DATE: 2/2/01

Lab Sample ID: L0101406-01
Client Sample ID: SB12/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 08:15

% Solid: 92
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	92		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-01
Client Sample ID: SB12/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/25/01 Time: 00:20

Dil. Type: N/A
COC Info: 22328/

Date Collected: 01/18/01

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24314

Sample Weight: N/A
Extract Volume: N/A

% Solid: 92

Method: 8260B\5030B
Run ID: R112210
Batch : WG90749

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene.....	ug/kg		ND	4.3	.8
78-93-3	2-Butanone.....	ug/kg		ND	87	.8
100-41-4	Ethylbenzene.....	ug/kg	9.1		4.3	.8
108-10-1	4-Methyl-2-pentanone.....	ug/kg		ND	8.7	.8
75-09-2	Methylene chloride.....	ug/kg		ND	4.3	.8
100-42-5	Styrene.....	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/kg		ND	0.87	.8
127-18-4	Tetrachloroethene.....	ug/kg		ND	0.87	.8
108-88-3	Toluene.....	ug/kg		ND	4.3	.8
95-47-6	o-Xylene.....	ug/kg	7.8		4.3	.8
136777-61-2	m-Xylene.....	ug/kg	49	Z	4.3	.8
106-42-3	p-Xylene.....	ug/kg		Z	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane.....	107	(80 - 120%)
1,2-Dichloroethane-d4.....	96.6	(80 - 120%)
Toluene-d8.....	93.4	(81 - 117%)
4-Bromofluorobenzene.....	97.9	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Lab Sample ID: L0101406-02
Client Sample ID: SB12/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 08:40

% Solid: 87
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids.....	weight %	87		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-02
Client Sample ID: SB12/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 16:37

Dil. Type: N/A
COC Info: 22328/

Date Collected: 01/18/01

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24302

Sample Weight: N/A
Extract Volume: N/A

% Solid: 87

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene.....	ug/kg		ND	4.6	.8
78-93-3	2-Butanone.....	ug/kg		ND	92	.8
100-41-4	Ethylbenzene.....	ug/kg		ND	4.6	.8
108-10-1	4-Methyl-2-pentanone.....	ug/kg		ND	9.2	.8
75-09-2	Methylene chloride.....	ug/kg		ND	4.6	.8
100-42-5	Styrene.....	ug/kg		ND	4.6	.8
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/kg		ND	0.92	.8
127-18-4	Tetrachloroethene.....	ug/kg		ND	0.92	.8
108-88-3	Toluene.....	ug/kg		ND	4.6	.8
95-47-6	o-Xylene.....	ug/kg		ND	4.6	.8
136777-61-2	m-Xylene.....	ug/kg		ND	4.6	.8
106-42-3	p-Xylene.....	ug/kg		ND	4.6	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane.....	109	(80 - 120%)
1,2-Dichloroethane-d4.....	95.5	(80 - 120%)
Toluene-d8.....	101	(81 - 117%)
4-Bromofluorobenzene.....	110	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-03
Client Sample ID: SB12GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 13:20

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8644

Method: 8260B\5030B
Run ID: R111856
Batch : WG90634

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	93.4	(86 - 118%)
1,2-Dichloroethane-d4	85.8	(80 - 120%)
Toluene-d8	94.0	(88 - 110%)
4-Bromofluorobenzene	94.7	(86 - 115%)

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-04
Client Sample ID: SB12GW/DUP
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 13:52

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8645

Method: 8260B\5030B
Run ID: R111856
Batch : WG90634

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	92.3	(86 - 118%)
1,2-Dichloroethane-d4	86.7	(80 - 120%)
Toluene-d8	92.4	(88 - 110%)
4-Bromofluorobenzene	93.1	(86 - 115%)

Lab Sample ID: L0101406-05
Client Sample ID: SB10/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 09:50

% Solid: 93
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	weight %	93		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-05
Client Sample ID: SB10/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 93

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 17:11

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24303

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.3	.8
78-93-3	2-Butanone	ug/kg		ND	86	.8
100-41-4	Ethylbenzene	ug/kg		ND	4.3	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	8.6	.8
75-09-2	Methylene chloride	ug/kg		ND	4.3	.8
100-42-5	Styrene	ug/kg		ND	4.3	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.86	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.86	.8
108-88-3	Toluene	ug/kg		ND	4.3	.8
95-47-6	o-Xylene	ug/kg		ND	4.3	.8
136777-61-2	m-Xylene	ug/kg		ND	4.3	.8
106-42-3	p-Xylene	ug/kg		ND	4.3	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	99.4	(80 - 120%)
1,2-Dichloroethane-d4	80.8	(80 - 120%)
Toluene-d8	98.1	(81 - 117%)
4-Bromofluorobenzene	97.6	(74 - 121%)

Lab Sample ID: L0101406-06
Client Sample ID: SB10/8-12
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 10:00

% Solid: 89
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	weight %	89		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-06
Client Sample ID: SB10/8-12
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 89

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/24/01 Time: 17:44

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24304

Method: 8260B\5030B
Run ID: R111764
Batch : WG90693

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	6.2	1.1
78-93-3	2-Butanone	ug/kg		ND	120	1.1
100-41-4	Ethylbenzene	ug/kg		ND	6.2	1.1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	12	1.1
75-09-2	Methylene chloride	ug/kg		ND	6.2	1.1
100-42-5	Styrene	ug/kg		ND	6.2	1.1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	1.2	1.1
127-18-4	Tetrachloroethene	ug/kg		ND	1.2	1.1
108-88-3	Toluene	ug/kg		ND	6.2	1.1
95-47-6	o-Xylene	ug/kg		ND	6.2	1.1
136777-61-2	m-Xylene	ug/kg		ND	6.2	1.1
106-42-3	p-Xylene	ug/kg		ND	6.2	1.1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.7		(80 - 120%)
1,2-Dichloroethane-d4	79.3	*	(80 - 120%)
Toluene-d8	98.7		(81 - 117%)
4-Bromofluorobenzene	95.2		(74 - 121%)

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-07
Client Sample ID: SB10GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 14:23

Dil. Type: N/A
COC Info: 22328/

Date Collected: 01/18/01

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8646

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R111856
Batch : WG90634

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.2	(86 - 118%)
1,2-Dichloroethane-d4	88.6	(80 - 120%)
Toluene-d8	93.4	(88 - 110%)
4-Bromofluorobenzene	95.0	(86 - 115%)

Lab Sample ID: L0101406-08
Client Sample ID: SB11/0-4
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 11:40

% Solid: 86
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	weight %	86		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-08
Client Sample ID: SB11/0-4
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 86

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/25/01 Time: 00:53

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24315

Method: 8260B\5030B
Run ID: R112210
Batch : WG90749

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	4.7	.8
78-93-3	2-Butanone	ug/kg		ND	93	.8
100-41-4	Ethylbenzene	ug/kg		ND	4.7	.8
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	9.3	.8
75-09-2	Methylene chloride	ug/kg		ND	4.7	.8
100-42-5	Styrene	ug/kg		ND	4.7	.8
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	0.93	.8
127-18-4	Tetrachloroethene	ug/kg		ND	0.93	.8
108-88-3	Toluene	ug/kg		ND	4.7	.8
95-47-6	o-Xylene	ug/kg		ND	4.7	.8
136777-61-2	m-Xylene	ug/kg		ND	4.7	.8
106-42-3	p-Xylene	ug/kg		ND	4.7	.8

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(80 - 120%)
1,2-Dichloroethane-d4	84.8	(80 - 120%)
Toluene-d8	96.6	(81 - 117%)
4-Bromofluorobenzene	100	(74 - 121%)

Lab Sample ID: L0101406-09
Client Sample ID: SB11/4-8
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 11:45

% Solid: 94
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	weight %	94		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

RL = Reporting Limit

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-09
Client Sample ID: SB11/4-8
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: 94

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/25/01 Time: 01:26

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24316

Method: 8260B\5030B
Run ID: R112210
Batch : WG90749

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	5.9	1.1
78-93-3	2-Butanone	ug/kg		ND	120	1.1
100-41-4	Ethylbenzene	ug/kg		ND	5.9	1.1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	12	1.1
75-09-2	Methylene chloride	ug/kg		ND	5.9	1.1
100-42-5	Styrene	ug/kg		ND	5.9	1.1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	1.2	1.1
127-18-4	Tetrachloroethene	ug/kg		ND	1.2	1.1
108-88-3	Toluene	ug/kg		ND	5.9	1.1
95-47-6	o-Xylene	ug/kg		ND	5.9	1.1
136777-61-2	m-Xylene	ug/kg		ND	5.9	1.1
106-42-3	p-Xylene	ug/kg		ND	5.9	1.1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	103	(80 - 120%)
1,2-Dichloroethane-d4	86.0	(80 - 120%)
Toluene-d8	99.4	(81 - 117%)
4-Bromofluorobenzene	99.3	(74 - 121%)

Lab Sample ID: L0101406-10
Client Sample ID: SB11/4-8/DUP
Site/Work ID: 778165/PPG OAK CREEK

Matrix: Soil
Collected: 01/18/01 11:45

% Solid: 94
COC Info: 22328/

Analyte	Units	Result	Qualifiers	RL	Dil	Type	Analyst	Analysis Date	Time	Method
Percent Solids	weight %	94		1.0	1	N/A	TMM	01/22/01	09:00	D2216-90

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-10
Client Sample ID: SB11/4-8/DUP
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Soil

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/25/01 Time: 01:59

Dil. Type: N/A
COC Info: 22328/

Date Collected: 01/18/01

Instrument: HPMS6
Analyst: CMS
Lab File ID: 6M24317

Sample Weight: N/A
Extract Volume: N/A

% Solid: 94

Method: 8260B\5030B
Run ID: R112210
Batch : WG90749

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/kg		ND	5.9	1.1
78-93-3	2-Butanone	ug/kg		ND	120	1.1
100-41-4	Ethylbenzene	ug/kg		ND	5.9	1.1
108-10-1	4-Methyl-2-pentanone	ug/kg		ND	12	1.1
75-09-2	Methylene chloride	ug/kg		ND	5.9	1.1
100-42-5	Styrene	ug/kg		ND	5.9	1.1
79-34-5	1,1,2,2-Tetrachloroethane	ug/kg		ND	1.2	1.1
127-18-4	Tetrachloroethene	ug/kg		ND	1.2	1.1
108-88-3	Toluene	ug/kg		ND	5.9	1.1
95-47-6	o-Xylene	ug/kg		ND	5.9	1.1
136777-61-2	m-Xylene	ug/kg		ND	5.9	1.1
106-42-3	p-Xylene	ug/kg		ND	5.9	1.1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	105	(80 - 120%)
1,2-Dichloroethane-d4	88.7	(80 - 120%)
Toluene-d8	99.7	(81 - 117%)
4-Bromofluorobenzene	100	(74 - 121%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-11
Client Sample ID: SB11GW
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 14:55

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8647

Method: 8260B\5030B
Run ID: R111856
Batch : WG90634

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L	97		5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L	7.1		5.0	1
108-38-3	m-Xylene	ug/L	240	Z	5.0	1
106-42-3	p-Xylene	ug/L		Z	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.7	(86 - 118%)
1,2-Dichloroethane-d4	90.0	(80 - 120%)
Toluene-d8	93.3	(88 - 110%)
4-Bromofluorobenzene	96.6	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE-VO - Special List - 8260

Lab Sample ID: L0101406-12
Client Sample ID: TRIP BLANK
Site/Work ID: 778165/PPG OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 22328/
Date Collected: 01/18/01

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 01/23/01 Time: 12:48

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M8643

Method: 8260B\5030B
Run ID: R111856
Batch : WG90634

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
71-43-2	Benzene	ug/L		ND	5.0	1
78-93-3	2-Butanone	ug/L		ND	100	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	5.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	0.50	1
108-88-3	Toluene	ug/L		ND	5.0	1
95-47-6	o-Xylene	ug/L		ND	5.0	1
108-38-3	m-Xylene	ug/L		ND	5.0	1
106-42-3	p-Xylene	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	92.3	(86 - 118%)
1,2-Dichloroethane-d4	82.5	(80 - 120%)
Toluene-d8	94.9	(88 - 110%)
4-Bromofluorobenzene	94.6	(86 - 115%)

RL = Reporting Limit

Order #: 01-01-406
February 1, 2001 11:08 am

KEMRON ENVIRONMENTAL SERVICES
WORK GROUPS

Work Group	Run ID	Sample	Dil Type	Matrix	Product	Method	Date Collected	Department
WG90595	R111398	L0101406-01		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-02		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-05		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-06		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-08		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-09		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90595	R111398	L0101406-10		Soil	Percent Solids	D2216-90	18-JAN-2001	Conventionals
WG90634	R111856	L0101406-03		Water	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90634	R111856	L0101406-04		Water	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90634	R111856	L0101406-07		Water	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90634	R111856	L0101406-11		Water	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90634	R111856	L0101406-12		Water	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101406-02		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101406-05		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90693	R111764	L0101406-06		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90749	R112210	L0101406-01		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90749	R112210	L0101406-08		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90749	R112210	L0101406-09		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS
WG90749	R112210	L0101406-10		Soil	Special List - 8260	8260B\5030B	18-JAN-2001	Volatile - GC/MS

KEMRON ANALYST LIST

Ohio Valley Laboratory

01/02/2001

ABW - ANGELA B. WIGAL
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AMT - ANDREA M. TUCKER
ARS - ANGELINA R. SCOTT
BJM - BARRY J. MYERS
BRG - BRENDA R. GREGORY
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CAK - CHERYL A. KOELSCH
CBN - CHARLES B. NOLL
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLW - CHARISSA L. WINTERS
CMS - CRYSTAL M. STEVENS
CRC - CARLA R. COCHRAN
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DAS - DALLAS A. SULLIVAN
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DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
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DLA - DENISE L. ADAMS
DLB - DAVID L. BUMGARNER
DLN - DEANNA L. NORTON
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DLR - DIANNA L. RAUCH
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DP - DEANNA L. PIERSON
DST - DENNIS S. TEPE
DTK - DEENA T. KELLEY
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EAW - ELIZABETH A. WEBER
ECL - ERIC C. LAWSON
EIE - ELIZABETH I. EAGLE
GSG - GALEN S. GEORGE
GWH - GEORGE W. HUTCHISON
HD - HEATH DENNIS
HV - HEMA VILASAGAR
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JKM - JUNE K. MORRIS
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JLH - JANICE L. HOLLAND
JMM - JARROD M. MARTIN
JMT - JOY M. THOMAS
JMW - JOHN M. WASS
JRM - JAY R. MCDOUGAL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KDS - KRISTI D. STONE
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
KSL - KELLY S. LAUER
LBM - LAWRENCE B. MCSWEGAN
LKN - LINDA K. NEDEFF
LLB - LORI L. BRADLEY
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MDG - MELISSA D. GRIMES
MEF - MIKE E. FLANAGAN
MES - MARY E. SCHILLING
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
PML - PAULA M. LEIDY
PVH - PETER V. HARRIS
RDC - REBECCA D. CUTLIP
REF - RON E. FERTILE
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RLW - RON L. WATSON
RSH - RENEE S. HENNES
RSS - REGINA S. SIMMONS
RVC - RUTH V. CALLIHAN
RWC - ROD W. CAMPBELL
SJK - SINDY J. KINNEY
SLP - SHERI L. PFALZGRAF
SLT - STEPHANIE L. TEPE
SMW - SHAUNA M. WELCH
SPL - STEVE P. LEARN
SPS - STEVE P. SWATZEL
TJH - TIM J. HOEFLICH
TLD - TERESA L. DAVIS
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER

KEMRON Environmental Services, Inc
List of Valid Qualifiers
December 15, 2000

Standard Qualifiers

These are KEMRON's Standard Report Qualifiers

A	See the report narrative
B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified at a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semiquantitative result, out of instrument calibration range
J	Present below nominal reporting limit
L	Sample reporting limits elevated due to matrix interference
M	Duplicate injection precision not met
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentration >40% difference between The two GC columns
QNS	Quantity not sufficient to perform analysis
R	Analyte exceeds regulatory limit
RA	Re analysis confirms reported results
RE	Re analysis confirms sample matrix Interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out Of control limits
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less Than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

***** Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semiquantative screens only
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene
3. N-nitrosodiphenylamine cannot be separated from diphenylamine
4. 3-Methyphenol and 4-Methyphenol are unresolvable compounds
5. m-Xylene and p-Xylene are unresolvable compounds
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitation is an estimation
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The analyte was positively identified but the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

COC No. A 22328

109 Starlite Park
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: IT CORPORATION

Project Contact: PAUL LAMBERT

Contact Phone #: 312-263-2727

Turn Around Requirements: STANDARD

Location: 300 W. WASHINGTON SUITE 903, CHICAGO, IL 60606

Project #: 778165

Project Name: PPG OAK CREEK

Sampler (print): ED WALCZAK

Signature: Ed Walczak

Program: ☐ NPDES ☐ AFCEE ☒ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOCs 8260 (1s selected VOCs)
SB12 (0-4)		X	1/18/01	0815			4		X
SB12 (4-8)		X	1/18/01	0840			4		X
SB12 GW		X	1/18/01	0905			2		X
SB12 GW DUP		X	1/18/01	0905			2		X
SB10 (0-4)		X	1/18/01	0950			4		X
SB10 (8-12)		X	1/18/01	1000			4		X
SB10 GW		X	1/18/01	1110			2		X
SB11 (0-4)		X	1/18/01	1140			4		X
SB11 (4-8)		X	1/18/01	1145			4		X
SB11 (4-8) DUP		X	1/18/01	1140			4		X
SB11 GW		X	1/18/01	1215			2		X
TRIP BLANK		X	1/18/01				2		X

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Ed Walczak	1/18/01	1625					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks
			Wanda Gregory	1/19/01	1006	2 1-19-01	Ice sealed Sp intact bty

*Homogenize all composite samples prior to analysis

KEMRON Internal Laboratory Chain of Custody

Work Order: L010406 **Client:** FT **# of Samples:** 12 **Due Date:** 1/29 **Page:** ____

Sample #	Analysis	Reason	Removed By ADT	Removed From	Moved To	Reliq. by	Ret'd By ADT	Ret'd To	Rec'd By	Reason
1,2,5,6 8-10	826	AN	FSS 01/19/01 @ 1234	109N	VOA	BLG	MCS 2-2-01 1500	Archive	ARS	Archive
3,4,7 11-13	8260	AN	MCS 1/19/01 1400	V-1	VOA	ARS	MCS 2-2-01 1500	Archive	ARS	Archive
1,2,5,6 8-10	PCT-S	test	TMM 11/22/01 @0935	Walk in	wet	BLG	TMM @1720 11/22/01	archive	JCW	archive

CRF #3

KEMRON Environmental Services | **SAMPLES RECEIPT FORM #1** | **Marietta Laboratory**

CLIENT: FT-Oak Creek (BRG) Other _____	DATE: 1-19-01	SHIPPED BY: (✓) FED-EX ( ) AIRBORNE ( ) UPS ( ) EMERY ( ) RPS ( ) US MAIL ( ) KEMRON ( ) CLIENT

COOLER ID: KL951	COOLER ID:	COOLER ID:
INDEX #: 8260 60093770	INDEX #:	INDEX #:
SEALED (✓) YES ( ) NO	SEALED ( ) YES ( ) NO	SEALED ( ) YES ( ) NO
CUSTODY (✓) YES ( ) NO	CUSTODY ( ) YES ( ) NO	CUSTODY ( ) YES ( ) NO
TEMP : (C) (D) 2 °C	TEMP : (C) (D) °C	TEMP : (C) (D) °C
TEMP IN RANGE (4°C ± 2°) (✓) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO	TEMP IN RANGE (4°C ± 2°) ( ) YES ( ) NO
WET ICE (✓) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )	WET ICE ( ) BLUE ICE ( )
ICE FROZEN (✓) MELTED ( )	ICE FROZEN ( ) MELTED ( )	ICE FROZEN ( ) MELTED ( )
RADIATION CHECKED (✓) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO	RADIATION CHECKED ( ) YES ( ) NO
SAMPLE INTACT (✓) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO	SAMPLE INTACT ( ) YES ( ) NO SALVAGEBLE ( ) YES ( ) NO
SAMPLE TYPE: WATER (✓) SOIL ( ) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )	SAMPLE TYPE: WATER ( ) SOIL ( ) OTHER ( )
LABELS: INTACT (✓) YES ( ) NO LEGIBLE (✓) YES ( ) NO MATCH COC (✓) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO	LABELS: INTACT ( ) YES ( ) NO LEGIBLE ( ) YES ( ) NO MATCH COC ( ) YES ( ) NO
pH IN RANGE (2 - >9 - >12) (✓) YES ( ) NO AS APPROPRIATE	pH IN RANGE (2 - >9 - >12) ( ) YES ( ) NO AS APPROPRIATE	pH IN RANGE (2 - >9 - >12) ( ) YES ( ) NO AS APPROPRIATE
LOG-IN COMMENTS	LOG-IN COMMENTS	LOG-IN COMMENTS

TSR COMMENTS

CONTACT:	DATE:	TIME:

COMMENTS: ( ) VOICE ( ) FAX ( ) E-MAIL

Revised 01/04/01

Recent Groundwater Analytical Reports
(2002 through 2006)

May 2002 Analytical Data

TEST CERTIFICATE
KEMRON Environmental Services
109 Starlite Park
Marietta, Ohio 45750
Phone: (740) 373-4071

PPG Industries
10800 S. 13th Street
Oak Creek, WI 53154

Attention: Brian McGuire

PO Number:
Account Number: PPGOAKCREEK-741

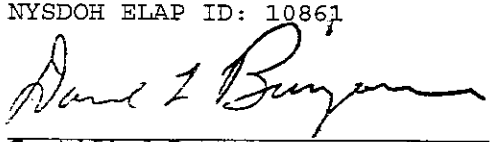
Login #: L0205542
Report Date: 06/12/02
Work ID: PPG-OAK CREEK
Date Received: 05/24/02

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
L0205542-01	LW-2	L0205542-02	LW-6
L0205542-03	LW-5	L0205542-04	TF-1
L0205542-05	TF-1 DUP	L0205542-06	TF-3
L0205542-07	TF-3 DUP	L0205542-08	MW-11
L0205542-09	MW-12	L0205542-10	TRIP BLANK

All results on solids/sludges are reported on a dry weight basis, where applicable, unless otherwise specified. This report shall not be reproduced, except in full, without the written approval of KEMRON.

NYSDOH ELAP ID: 10861



Certified By
David L. Bumgarner

KEMRON ENVIRONMENTAL SERVICES

KEMRON ENVIRONMENTAL SERVICES
REPORT NARRATIVE

L0205542

CHAIN OF CUSTODY:

The chain of custody number was 31722

SHIPMENT CONDITIONS:

The cooler temperature was 5° C.

SAMPLE MANAGEMENT:

All samples were received intact.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

REVIEWED: _____ DATE: 5/28/02

4

GC/MS VOLATILE ORGANICS

KEMRON Login No: L0205542

METHOD

Preparation: SW- 846 5030B
Analysis: SW-846 8260B

HOLDING TIMES

Sample Preparation: All holding times were met.
Sample Analysis: All holding times were met.

PREPARATION

Sample preparation proceeded normally.

CALIBRATION

Initial calibrations: For all compounds which yielded a %RSD greater than 15%, linear or higher order equations were applied or if the mean %RSD for all analytes was less than 15% the average response factors were used. All acceptance criteria were met.

Alternate Source Standards: All acceptance criteria were met.

Continuing Calibration and Tune: All acceptance criteria were met.

BATCH QA/QC

Method Blank: All acceptance criteria were met.

Laboratory Control Samples: The LCS's analyzed 6/4/02 and 6/5/02 on HPMS-11 yielded recovery results for trichloroethene above the upper advisory limit. The LCS analyzed 6/6/02 on HPMS-10 yielded recovery results for acetone and 2-butanone above the upper advisory limits. All other acceptance criteria were met.

Matrix Spikes: Not associated with this SDG.

SAMPLES

Internal Standards: All acceptance criteria were met.

Surrogates: 1,2-Dichloroethane-d4 exceeded the upper control limit in fraction 09. All other acceptance criteria were met.

Samples: Fractions 06 and 07 required dilution analyses. "J" qualified dilution results for fractions 06 "D1" and 07 "D1" were bracketed by calibration standards. Library searches performed solely to detect the presence of crotonaldehyde.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and KEMRON Environmental Services, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Analyst: MES REVIEWED: _____ DATE: 6/12/02

Rev. 7/14/00

5

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-01
Client Sample ID: LW-2
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 03:52

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8474

Method: 8260B\5030B
Run ID: R280584
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks.....					

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-01
Client Sample ID: LW-2
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 03:52

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8474

Method: 8260B\5030B
Run ID: R280584
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/L		ND	100	1
71-43-2	Benzene.....	ug/L		ND	0.40	1
78-93-3	2-Butanone.....	ug/L		ND	100	1
108-90-7	Chlorobenzene.....	ug/L		ND	5.0	1
67-66-3	Chloroform.....	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene.....	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene.....	ug/L		ND	5.0	1
100-41-4	Ethylbenzene.....	ug/L		ND	5.0	1
97-63-2	Ethyl Methacrylate.....	ug/L		ND	5.0	1
591-78-6	2-Hexanone.....	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone.....	ug/L		ND	10	1
75-09-2	Methylene chloride.....	ug/L		ND	1.0	1
91-20-3	Naphthalene.....	ug/L		ND	1.0	1
100-42-5	Styrene.....	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene.....	ug/L		ND	1.0	1
108-88-3	Toluene.....	ug/L		ND	5.0	1

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-01
Client Sample ID: LW-2
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 03:52

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8474

Method: 8260B\5030B
Run ID: R280584
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97.8	(86 - 118%)
1,2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	99.8	(88 - 110%)
4-Bromofluorobenzene	99.9	(86 - 115%)

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-02
Client Sample ID: LW-6
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 05:26

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8477

Method: 8260B\5030B
Run ID: R280587
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks					

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-02
Client Sample ID: LW-6
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 05:26

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8477

Method: 8260B\5030B
Run ID: R280587
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	0.40	1
78-93-3	2-Butanone	ug/L		ND	100	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
67-66-3	Chloroform	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L	0.44	J	5.0	1
97-63-2	Ethyl Methacrylate	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	1.0	1
91-20-3	Naphthalene	ug/L		ND	1.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	1.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	0.74	J	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.1	(86 - 118%)
1,2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	98.3	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

RL = Reporting Limit

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-03
Client Sample ID: LW-5
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 05:57

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8478

Method: 8260B\5030B
Run ID: R280588
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks.....					

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-03
Client Sample ID: LW-5
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 05:57

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8478

Method: 8260B\5030B
Run ID: R280588
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/L	32	J	100	1
71-43-2	Benzene.....	ug/L	0.48		0.40	1
78-93-3	2-Butanone.....	ug/L		ND	100	1
108-90-7	Chlorobenzene.....	ug/L		ND	5.0	1
67-66-3	Chloroform.....	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene.....	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene.....	ug/L		ND	5.0	1
100-41-4	Ethylbenzene.....	ug/L	160		5.0	1
97-63-2	Ethyl Methacrylate.....	ug/L		ND	5.0	1
591-78-6	2-Hexanone.....	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone.....	ug/L		ND	10	1
75-09-2	Methylene chloride.....	ug/L		ND	1.0	1
91-20-3	Naphthalene.....	ug/L	3.0		1.0	1
100-42-5	Styrene.....	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene.....	ug/L		ND	1.0	1
108-88-3	Toluene.....	ug/L		ND	5.0	1

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-03
Client Sample ID: LW-5
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 05:57

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8478

Method: 8260B\5030B
Run ID: R280588
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L	7.9		5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	180		5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	98.9	(86 - 118%)
1,2-Dichloroethane-d4	106	(80 - 120%)
Toluene-d8	97.9	(88 - 110%)
4-Bromofluorobenzene	106	(86 - 115%)

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-04
Client Sample ID: TF-1
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 04:24

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8475

Method: 8260B\5030B
Run ID: R280585
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks					

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-04
Client Sample ID: TF-1
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 04:24

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8475

Method: 8260B\5030B
Run ID: R280585
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	58	J	100	1
71-43-2	Benzene	ug/L	0.50		0.40	1
78-93-3	2-Butanone	ug/L		ND	100	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
67-66-3	Chloroform	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L	0.82	J	5.0	1
97-63-2	Ethyl Methacrylate	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/L	4.7	J	10	1
75-09-2	Methylene chloride	ug/L		ND	1.0	1
91-20-3	Naphthalene	ug/L	2.7		1.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	1.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L	2.5	J	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	1.2	J	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	99.4	(86 - 118%)
1,2-Dichloroethane-d4	107	(80 - 120%)
Toluene-d8	98.0	(88 - 110%)
4-Bromofluorobenzene	101	(86 - 115%)

RL = Reporting Limit

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-05
Client Sample ID: TF-1 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 04:55

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8476

Method: 8260B\5030B
Run ID: R280586
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks.....					

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-05
Client Sample ID: TF-1 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 04:55

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8476

Method: 8260B\5030B
Run ID: R280586
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/L	54	J	100	1
71-43-2	Benzene.....	ug/L	0.47		0.40	1
78-93-3	2-Butanone.....	ug/L		ND	100	1
108-90-7	Chlorobenzene.....	ug/L		ND	5.0	1
67-66-3	Chloroform.....	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene.....	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene.....	ug/L		ND	5.0	1
100-41-4	Ethylbenzene.....	ug/L	0.90	J	5.0	1
97-63-2	Ethyl Methacrylate.....	ug/L		ND	5.0	1
591-78-6	2-Hexanone.....	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone.....	ug/L	4.2	J	10	1
75-09-2	Methylene chloride.....	ug/L		ND	1.0	1
91-20-3	Naphthalene.....	ug/L	2.7		1.0	1
100-42-5	Styrene.....	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene.....	ug/L		ND	1.0	1
108-88-3	Toluene.....	ug/L		ND	5.0	1

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-05
Client Sample ID: TF-1 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 04:55

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8476

Method: 8260B\5030B
Run ID: R280586
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L	2.4	J	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	1.1	J	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96.8	(86 - 118%)
1,2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	99.2	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-06
Client Sample ID: TF-3
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 06:29

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8479

Method: 8260B\5030B
Run ID: R280589
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks	ug/L				

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-06
Client Sample ID: TF-3
Site/Work ID: PPG-OAK CREEK
Matrix: Water

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 17:16

Dil. Type: D1
COC Info: 31722/

Date Collected: 05/23/02

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16630

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

Method: 8260B\5030B
Run ID: R283942
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	950	J	10000	100
71-43-2	Benzene	ug/L		ND	40	100
78-93-3	2-Butanone	ug/L	8500	J	10000	100
108-90-7	Chlorobenzene	ug/L		ND	500	100
67-66-3	Chloroform	ug/L		ND	30	100
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	500	100
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	500	100
100-41-4	Ethylbenzene	ug/L	190	J	500	100
97-63-2	Ethyl Methacrylate	ug/L		ND	500	100
591-78-6	2-Hexanone	ug/L		ND	1000	100
108-10-1	4-Methyl-2-pentanone	ug/L	19000		1000	100
75-09-2	Methylene chloride	ug/L		ND	100	100
91-20-3	Naphthalene	ug/L		ND	100	100
100-42-5	Styrene	ug/L		ND	500	100
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	50	100
127-18-4	Tetrachloroethene	ug/L		ND	100	100
108-88-3	Toluene	ug/L	280	J	500	100
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	500	100
79-01-6	Trichloroethene	ug/L		ND	100	100
75-69-4	Trichlorofluoromethane	ug/L		ND	1000	100
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	500	100
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	500	100
75-01-4	Vinyl chloride	ug/L		ND	50	100
1330-20-7	Xylenes (total)	ug/L	1300		500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	101	(86 - 118%)
1,2-Dichloroethane-d4	108	(80 - 120%)
Toluene-d8	94.5	(88 - 110%)
4-Bromofluorobenzene	94.5	(86 - 115%)

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-06
Client Sample ID: TF-3
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 05/23/02

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 06:29

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8479

Method: 8260B\5030B
Run ID: R280589
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	660	I	100	1
71-43-2	Benzene	ug/L	2.0		0.40	1
78-93-3	2-Butanone	ug/L	7200	I	100	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
67-66-3	Chloroform	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene	ug/L	0.85	J	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L	190	I	5.0	1
97-63-2	Ethyl Methacrylate	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L	5.7	J	10	1
108-10-1	4-Methyl-2-pentanone	ug/L	11000	I	10	1
75-09-2	Methylene chloride	ug/L		ND	1.0	1
91-20-3	Naphthalene	ug/L	49		1.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	1.0	1
108-88-3	Toluene	ug/L	250	I	5.0	1
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	0.28	J	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L	19		5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L	2.4	J	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	1100	I	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	97.8	(86 - 118%)
1,2-Dichloroethane-d4	104	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	104	(86 - 115%)

RL = Reporting Limit

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 07:01

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8480

Method: 8260B\5030B
Run ID: R280590
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks	ug/L				

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: D1
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 17:46

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16631

Method: 8260B\5030B
Run ID: R283943
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	1300	J	10000	100
71-43-2	Benzene	ug/L		ND	40	100
78-93-3	2-Butanone	ug/L	11000		10000	100
108-90-7	Chlorobenzene	ug/L		ND	500	100
67-66-3	Chloroform	ug/L		ND	30	100
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	500	100
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	500	100
100-41-4	Ethylbenzene	ug/L	150	J	500	100
97-63-2	Ethyl Methacrylate	ug/L		ND	500	100
591-78-6	2-Hexanone	ug/L		ND	1000	100
108-10-1	4-Methyl-2-pentanone	ug/L	25000	I	1000	100
75-09-2	Methylene chloride	ug/L		ND	100	100
91-20-3	Naphthalene	ug/L		ND	100	100
100-42-5	Styrene	ug/L		ND	500	100
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	50	100
127-18-4	Tetrachloroethene	ug/L		ND	100	100
108-88-3	Toluene	ug/L	280	J	500	100

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: D1
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 17:46

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16631

Method: 8260B\5030B
Run ID: R283943
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	500	100
79-01-6	Trichloroethene	ug/L		ND	100	100
75-69-4	Trichlorofluoromethane	ug/L		ND	1000	100
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	500	100
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	500	100
75-01-4	Vinyl chloride	ug/L		ND	50	100
1330-20-7	Xylenes (total)	ug/L	1300		500	100

SURROGATES- In Percent Recovery:

Dibromofluoromethane	103	(86 - 118%)
1,2-Dichloroethane-d4	107	(80 - 120%)
Toluene-d8	95.8	(88 - 110%)
4-Bromofluorobenzene	95.3	(86 - 115%)

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: D2
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 19:52

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16635

Method: 8260B\5030B
Run ID: R282959
Batch : WG119262

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	50000	500
71-43-2	Benzene	ug/L		ND	200	500
78-93-3	2-Butanone	ug/L	10000	J	50000	500
108-90-7	Chlorobenzene	ug/L		ND	2500	500
67-66-3	Chloroform	ug/L		ND	150	500

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: D2
COC Info: 31722/

Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 19:52

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16635

Method: 8260B\5030B
Run ID: R282959
Batch : WG119262

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	2500	500
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	2500	500
100-41-4	Ethylbenzene	ug/L	160	J	2500	500
97-63-2	Ethyl Methacrylate	ug/L		ND	2500	500
591-78-6	2-Hexanone	ug/L		ND	5000	500
108-10-1	4-Methyl-2-pentanone	ug/L	24000		5000	500
75-09-2	Methylene chloride	ug/L		ND	500	500
91-20-3	Naphthalene	ug/L		ND	500	500
100-42-5	Styrene	ug/L		ND	2500	500
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	250	500
127-18-4	Tetrachloroethene	ug/L		ND	500	500
108-88-3	Toluene	ug/L	330	J	2500	500
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	2500	500
79-01-6	Trichloroethene	ug/L		ND	500	500
75-69-4	Trichlorofluoromethane	ug/L		ND	5000	500
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	2500	500
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	2500	500
75-01-4	Vinyl chloride	ug/L		ND	250	500
1330-20-7	Xylenes (total)	ug/L	1300	J	2500	500

SURROGATES- In Percent Recovery:

Dibromofluoromethane	106	(86 - 118%)
1,2-Dichloroethane-d4	116	(80 - 120%)
Toluene-d8	94.8	(88 - 110%)
4-Bromofluorobenzene	100	(86 - 115%)

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-07
Client Sample ID: TF-3 DUP
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 07:01

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8480

Method: 8260B\5030B
Run ID: R280590
Batch : WG119159

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L	740	I	100	1
71-43-2	Benzene	ug/L	1.9		0.40	1
78-93-3	2-Butanone	ug/L	7700	I	100	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
67-66-3	Chloroform	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene	ug/L	0.87	J	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L	180		5.0	1
97-63-2	Ethyl Methacrylate	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/L	11000	I	10	1
75-09-2	Methylene chloride	ug/L		ND	1.0	1
91-20-3	Naphthalene	ug/L	45		1.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	1.0	1
108-88-3	Toluene	ug/L	250	I	5.0	1
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L	0.34	J	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L	18		5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L	1.9	J	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L	1000	I	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	96.1	(86 - 118%)
1,2-Dichloroethane-d4	99.9	(80 - 120%)
Toluene-d8	102	(88 - 110%)
4-Bromofluorobenzene	103	(86 - 115%)

RL = Reporting Limit

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-08
Client Sample ID: MW-11
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 05/23/02

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 11:42

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16620

Method: 8260B\5030B
Run ID: R284206
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks.....					

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-08
Client Sample ID: MW-11
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 05/23/02

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 11:42

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16620

Method: 8260B\5030B
Run ID: R284206
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/L		ND	100	1
71-43-2	Benzene.....	ug/L		ND	0.40	1
78-93-3	2-Butanone.....	ug/L		ND	100	1
108-90-7	Chlorobenzene.....	ug/L		ND	5.0	1
67-66-3	Chloroform.....	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene.....	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene.....	ug/L		ND	5.0	1
100-41-4	Ethylbenzene.....	ug/L		ND	5.0	1
97-63-2	Ethyl Methacrylate.....	ug/L		ND	5.0	1
591-78-6	2-Hexanone.....	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone.....	ug/L		ND	10	1
75-09-2	Methylene chloride.....	ug/L		ND	1.0	1
91-20-3	Naphthalene.....	ug/L		ND	1.0	1
100-42-5	Styrene.....	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene.....	ug/L		ND	1.0	1
108-88-3	Toluene.....	ug/L		ND	5.0	1

RL = Reporting Limit

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-08
Client Sample ID: MW-11
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 11:42

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16620

Method: 8260B\5030B
Run ID: R284206
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	102	(86 - 118%)
1,2-Dichloroethane-d4	112	(80 - 120%)
Toluene-d8	94.3	(88 - 110%)
4-Bromofluorobenzene	95.8	(86 - 115%)

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-09
Client Sample ID: MW-12
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 12:13

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16621

Method: 8260B\5030B
Run ID: R284207
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks					

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-09
Client Sample ID: MW-12
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/

Sample Weight: N/A
Extract Volume: N/A

Date Collected: 05/23/02

% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/06/02 Time: 12:13

Instrument: HPMS10
Analyst: MES
Lab File ID: 10M16621

Method: 8260B\5030B
Run ID: R284207
Batch : WG119635

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone	ug/L		ND	100	1
71-43-2	Benzene	ug/L		ND	0.40	1
78-93-3	2-Butanone	ug/L		ND	100	1
108-90-7	Chlorobenzene	ug/L		ND	5.0	1
67-66-3	Chloroform	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene	ug/L		ND	5.0	1
100-41-4	Ethylbenzene	ug/L		ND	5.0	1
97-63-2	Ethyl Methacrylate	ug/L		ND	5.0	1
591-78-6	2-Hexanone	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone	ug/L		ND	10	1
75-09-2	Methylene chloride	ug/L		ND	1.0	1
91-20-3	Naphthalene	ug/L		ND	1.0	1
100-42-5	Styrene	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene	ug/L		ND	1.0	1
108-88-3	Toluene	ug/L		ND	5.0	1
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	108		(86 - 118%)
1,2-Dichloroethane-d4	121	*	(80 - 120%)
Toluene-d8	94.7		(88 - 110%)
4-Bromofluorobenzene	98.1		(86 - 115%)

RL = Reporting Limit

Product: 826-LS - Library Search - VOA

Lab Sample ID: L0205542-10
Client Sample ID: TRIP BLANK
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 23:54

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8501

Method: 8260B\5030B
Run ID: R281248
Batch : WG119168

CAS #	Compound	Units	Result	Qualifiers	RL	Ret Time
	No Searchable Peaks.....					

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-10
Client Sample ID: TRIP BLANK
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 23:54

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8501

Method: 8260B\5030B
Run ID: R281248
Batch : WG119168

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
67-64-1	Acetone.....	ug/L		ND	100	1
71-43-2	Benzene.....	ug/L		ND	0.40	1
78-93-3	2-Butanone.....	ug/L		ND	100	1
108-90-7	Chlorobenzene.....	ug/L		ND	5.0	1
67-66-3	Chloroform.....	ug/L		ND	0.30	1
156-59-2	cis-1,2-Dichloroethene.....	ug/L		ND	5.0	1
156-60-5	trans-1,2-Dichloroethene.....	ug/L		ND	5.0	1
100-41-4	Ethylbenzene.....	ug/L		ND	5.0	1
97-63-2	Ethyl Methacrylate.....	ug/L		ND	5.0	1
591-78-6	2-Hexanone.....	ug/L		ND	10	1
108-10-1	4-Methyl-2-pentanone.....	ug/L		ND	10	1
75-09-2	Methylene chloride.....	ug/L		ND	1.0	1
91-20-3	Naphthalene.....	ug/L		ND	1.0	1
100-42-5	Styrene.....	ug/L		ND	5.0	1
79-34-5	1,1,2,2-Tetrachloroethane.....	ug/L		ND	0.50	1
127-18-4	Tetrachloroethene.....	ug/L		ND	1.0	1
108-88-3	Toluene.....	ug/L		ND	5.0	1

RL = Reporting Limit

KEMRON ENVIRONMENTAL SERVICES

Product: 826-SPE - Special List - 8260

Lab Sample ID: L0205542-10
Client Sample ID: TRIP BLANK
Site/Work ID: PPG-OAK CREEK
Matrix: Water

Dil. Type: N/A
COC Info: 31722/
Date Collected: 05/23/02

Sample Weight: N/A
Extract Volume: N/A
% Solid: N/A

TCLP Extract Date: N/A
Extract Date: N/A
Analysis Date: 06/05/02 Time: 23:54

Instrument: HPMS11
Analyst: CMS
Lab File ID: 11M8501

Method: 8260B\5030B
Run ID: R281248
Batch : WG119168

CAS #	Compound	Units	Result	Qualifiers	RL	Dilution
110-57-6	Trans-1,4-Dichloro-2-Butene	ug/L		ND	5.0	1
79-01-6	Trichloroethene	ug/L		ND	1.0	1
75-69-4	Trichlorofluoromethane	ug/L		ND	10	1
95-63-6	1,2,4-Trimethylbenzene	ug/L		ND	5.0	1
108-67-8	1,3,5-Trimethylbenzene	ug/L		ND	5.0	1
75-01-4	Vinyl chloride	ug/L		ND	0.50	1
1330-20-7	Xylenes (total)	ug/L		ND	5.0	1

SURROGATES- In Percent Recovery:

Dibromofluoromethane	94.6	(86 - 118%)
1,2-Dichloroethane-d4	94.4	(80 - 120%)
Toluene-d8	101	(88 - 110%)
4-Bromofluorobenzene	98.2	(86 - 115%)

RL = Reporting Limit

July 2004 Analytical Data

156 Starlite Drive, Marietta, OH 45750 ● TEL 740-373-4071 ● FAX 740-373-4835 ● http://www.kemron.com

Laboratory Report Number: L0407524

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team 2. If you have questions, comments or require further assistance please contact one of our team members at 1-800-373-4071. We can also be reached at the e-mail addresses listed below.

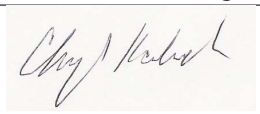
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This report was reviewed on August 12, 2004:



I certify that all test results meet all of the requirments of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on an ?as received? basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on August 12, 2004:



NYDOH NELAP Id: 10861 April 1, 2003 thru April 1, 2004
Non-Potable Water and Solid/Hazardous Waste

This report contains a total of **21** pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0407524

08/12/04 13:37

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta, Ohio 45750
(740)373-4071

For

Account Name: PPG Industries-Oakcreek
10800 S. 13th Street

Oak Creek, WI 53154
Attention: Brian McGuire

Account Number: 812-741
Work ID: 826003 PPG

P.O. Number: 175869

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW-12	L0407524-01	26-JUL-04	27-JUL-04
MW-11	L0407524-02	26-JUL-04	27-JUL-04
LW-2	L0407524-03	26-JUL-04	27-JUL-04
TF-2	L0407524-04	26-JUL-04	27-JUL-04
LW-5	L0407524-05	26-JUL-04	27-JUL-04
LW-60	L0407524-06	26-JUL-04	27-JUL-04
LW-6	L0407524-07	26-JUL-04	27-JUL-04
TF-1	L0407524-08	26-JUL-04	27-JUL-04
TF-3	L0407524-09	26-JUL-04	27-JUL-04
DECON.	L0407524-10	26-JUL-04	27-JUL-04
TRIP BLANK	L0407524-11	26-JUL-04	27-JUL-04

Report Number: **L0407524**
Report Date : **August 12, 2004**

Sample Number: **L0407524-01**
Client ID: **MW-12**
Matrix: **Water**
Workgroup Number: **WG171515**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/05/2004 19:22**
Cal Date: **07/07/2004 17:01**
Run Date: **08/05/2004 19:22**
File ID: **6M45306**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.9	86	118	
1,2-Dichloroethane-d4	92.8	80	120	
Toluene-d8	96.9	88	110	
4-Bromofluorobenzene	98.2	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0407524-02**
Client ID: **MW-11**
Matrix: **Water**
Workgroup Number: **WG171515**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/05/2004 19:53**
Cal Date: **07/07/2004 17:01**
Run Date: **08/05/2004 19:53**
File ID: **6M45307**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.4	86	118	
1,2-Dichloroethane-d4	94.1	80	120	
Toluene-d8	96.9	88	110	
4-Bromofluorobenzene	96.5	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0407524-03**
Client ID: **LW-2**
Matrix: **Water**
Workgroup Number: **WG171515**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/05/2004 20:25**
Cal Date: **07/07/2004 17:01**
Run Date: **08/05/2004 20:25**
File ID: **6M45308**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.4	86	118	
1,2-Dichloroethane-d4	95.2	80	120	
Toluene-d8	97.7	88	110	
4-Bromofluorobenzene	97.8	86	115	

U Not detected at or above the method detection limit

Report Number: **L0407524**
Report Date : **August 12, 2004**

Sample Number: **L0407524-04** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **TF-2** | Analytical Method: **8260B** | Prep Date: **08/05/2004 20:57**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171515** | Dilution: **1** | Run Date: **08/05/2004 20:57**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45309**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.876	J	5.00	0.125
Toluene	108-88-3		U	5.00	0.250

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.2	86	118	
1,2-Dichloroethane-d4	94.6	80	120	
Toluene-d8	93.7	88	110	
4-Bromofluorobenzene	94.9	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above the method detection limit

Sample Number: **L0407524-04** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **TF-2** | Analytical Method: **8260B** | Prep Date: **08/06/2004 12:04**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171602** | Dilution: **50** | Run Date: **08/06/2004 12:04**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45319**
Sample Tag: **DL01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Ethyl benzene	100-41-4	647		250	12.5
Xylenes, Total	1330-20-7	2160		250	25.0

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.3	86	118	
1,2-Dichloroethane-d4	95.0	80	120	
Toluene-d8	96.9	88	110	
4-Bromofluorobenzene	96.7	86	115	

Sample Number: **L0407524-05** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **LW-5** | Analytical Method: **8260B** | Prep Date: **08/06/2004 17:52**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171602** | Dilution: **1** | Run Date: **08/06/2004 17:52**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45330**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.490	J	5.00	0.125
Ethyl benzene	100-41-4	99.7		5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7	6.27		5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.1	86	118	
1,2-Dichloroethane-d4	99.9	80	120	
Toluene-d8	96.0	88	110	
4-Bromofluorobenzene	96.8	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above the method detection limit

Report Number: **L0407524**
Report Date : **August 12, 2004**

Sample Number: **L0407524-06**
Client ID: **LW-60**
Matrix: **Water**
Workgroup Number: **WG171602**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/06/2004 18:23**
Cal Date: **07/07/2004 17:01**
Run Date: **08/06/2004 18:23**
File ID: **6M45331**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.6	86	118	
1,2-Dichloroethane-d4	99.4	80	120	
Toluene-d8	96.2	88	110	
4-Bromofluorobenzene	100	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0407524-07**
Client ID: **LW-6**
Matrix: **Water**
Workgroup Number: **WG171602**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/06/2004 18:54**
Cal Date: **07/07/2004 17:01**
Run Date: **08/06/2004 18:54**
File ID: **6M45332**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.4	86	118	
1,2-Dichloroethane-d4	102	80	120	
Toluene-d8	95.6	88	110	
4-Bromofluorobenzene	98.4	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0407524-08**
Client ID: **TF-1**
Matrix: **Water**
Workgroup Number: **WG171602**
Collect Date: **26-JUL-04**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS6**
Prep Date: **08/06/2004 19:26**
Cal Date: **07/07/2004 17:01**
Run Date: **08/06/2004 19:26**
File ID: **6M45333**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.370	J	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.5	86	118	
1,2-Dichloroethane-d4	100	80	120	
Toluene-d8	96.5	88	110	
4-Bromofluorobenzene	97.4	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above the method detection limit

Report Number: **L0407524**
Report Date : **August 12, 2004**

Sample Number: **L0407524-09** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **TF-3** | Analytical Method: **8260B** | Prep Date: **08/06/2004 20:30**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171602** | Dilution: **10** | Run Date: **08/06/2004 20:30**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45335**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	2.39	J	50.0	1.25
Ethyl benzene	100-41-4	207		50.0	2.50
Toluene	108-88-3	190		50.0	2.50
Xylenes, Total	1330-20-7	2190		50.0	5.00

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	98.4	86	118	
1,2-Dichloroethane-d4	100	80	120	
Toluene-d8	96.8	88	110	
4-Bromofluorobenzene	98.0	86	115	

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0407524-10** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **DECON.** | Analytical Method: **8260B** | Prep Date: **08/06/2004 19:58**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171602** | Dilution: **1** | Run Date: **08/06/2004 19:58**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45334**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.9	86	118	
1,2-Dichloroethane-d4	100	80	120	
Toluene-d8	96.4	88	110	
4-Bromofluorobenzene	98.4	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0407524-11** | Prep Method: **5030B** | Instrument: **HPMS6**
Client ID: **TRIP BLANK** | Analytical Method: **8260B** | Prep Date: **08/06/2004 11:32**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **07/07/2004 17:01**
Workgroup Number: **WG171602** | Dilution: **1** | Run Date: **08/06/2004 11:32**
Collect Date: **26-JUL-04** | Units: **ug/L** | File ID: **6M45318**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.3	86	118	
1,2-Dichloroethane-d4	92.0	80	120	
Toluene-d8	95.7	88	110	
4-Bromofluorobenzene	97.4	86	115	

U Not detected at or above the method detection limit

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG171515

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0407524-01	MW-12			08/05/04 19:22	01	HPMS6	CMS
L0407524-02	MW-11			08/05/04 19:53	01	HPMS6	CMS
L0407524-03	LW-2			08/05/04 20:25	01	HPMS6	CMS
L0407524-04	TF-2			08/05/04 20:57	01	HPMS6	CMS

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG171515

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0407524-01	MW-12				171515	HPMS8	CMS
L0407524-02	MW-11				171515	HPMS8	CMS
L0407524-03	LW-2				171515	HPMS8	CMS
L0407524-04	TF-2				171515	HPMS8	CMS

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG171602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0407524-04	TF-2			08/06/04 12:04	DL01	HPMS6	CMS
L0407524-05	LW-5			08/06/04 17:52	01	HPMS6	CMS
L0407524-06	LW-60			08/06/04 18:23	01	HPMS6	CMS
L0407524-07	LW-6			08/06/04 18:54	01	HPMS6	CMS
L0407524-08	TF-1			08/06/04 19:26	01	HPMS6	CMS
L0407524-09	TF-3			08/06/04 20:30	DL01	HPMS6	CMS
L0407524-10	DECON.			08/06/04 19:58	01	HPMS6	CMS
L0407524-11	TRIP BLANK			08/06/04 11:32	01	HPMS6	CMS

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG171602

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0407524-04	TF-2				171602	HPMS6	CMS
L0407524-05	LW-5				171602	HPMS6	CMS
L0407524-06	LW-60				171602	HPMS6	CMS
L0407524-07	LW-6				171602	HPMS6	CMS
L0407524-08	TF-1				171602	HPMS6	CMS
L0407524-09	TF-3				171602	HPMS6	CMS
L0407524-10	DECON.				171602	HPMS6	CMS
L0407524-11	TRIP BLANK				171602	HPMS6	CMS

Kemron Environmental Services
Analyst Listing
August 12, 2004

AJF - AMANDA J. FICKIESEN
ALB - ANNIE L. BOCK
ALT - ANN L. THAYER
ARS - ANGELINA R. SCOTT
ART - AMANDA R. THOMPSON
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CEB - CHAD E. BARNES
CIS - CASHUS I. STONE
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS
CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEVENS
CPD - CHAD P. DAVIS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAS - DALLAS A. SULLIVAN
DD - DIANE M. DENNIS
DDE - DEBRA D. ELLIOTT
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DMV - DAVID M. VANDEVELDE
DP - DEANNA L. PIERSON
DR - DEANNA ROBERTS
DRB - DOUG R. BARNETT
DSM - DAVID S. MOSSOR
DST - DENNIS S. TEPE
ECL - ERIC C. LAWSON
EED - EMILY E. DECKER
ELW - ERICA L. WEBB
HV - HEMA VILASAGAR
JAL - JOHN A. LENT
JJG - JOHN J. GREUEY
JKW - JANE K. THOMPSON
JLS - JANICE L. SCHIMMEL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
LKN - LINDA K. NEDEFF
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MAH - MICALYN A. HARRIS
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MEF - MIKE E. FLANAGAN
MES - MARY E. SCHILLING
MKZ - MARILYN K. ZUMBRO
MLR - MARY L. ROCHOTTE
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
OGT - OKEY G. TUCKER
PAS - PATRICK A. STREET
RDC - REBECCA D. CUTLIP
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RWC - ROD W. CAMPBELL
SCM - SUSAN C. MOELLENDICK
SH - SHAUNA M. HYDE
SK - SANDRA KEENER
SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF
TD - TIMOTHY DYSERT
TJH - TIM J. HOEFLICH
TLM - TIFFINI L. MCDONALD
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER
VKL - VICKY K. LAUER

KEMRON Environmental Services, Inc.
List of Valid Qualifiers
August 12, 2004

These are KEMRON's standard report qualifiers:

B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified as a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semi-quantitative result, out of instrument calibration range
J	Present below normal reporting limit
L	Sample reporting limits elevated due to matrix interference
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NS	Not spiked
P	Concentration >40% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out out of control limits
X	Exceeds regulatory limit
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitiation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The anlyte was positively identified by the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

METHOD BLANK SUMMARY

Login Number: L0407524 Work Group: WG171515
Blank File ID: 6M45289 Blank Sample ID: WG171515-01
Date Analyzed: 08/05/04 Instrument ID: HPMS6
Time Analyzed: 10:26 Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG171515-02	6M45291	08/05/04 11:28	01
LCS2	WG171515-03	6M45292	08/05/04 12:00	01
MW-12	L0407524-01	6M45306	08/05/04 19:22	01
MW-11	L0407524-02	6M45307	08/05/04 19:53	01
LW-2	L0407524-03	6M45308	08/05/04 20:25	01
TF-2	L0407524-04	6M45309	08/05/04 20:57	01

METHOD BLANK SUMMARY

Login Number: L0407524 Work Group: WG171602
Blank File ID: 6M45315 Blank Sample ID: WG171602-01
Date Analyzed: 08/06/04 Instrument ID: HPMS6
Time Analyzed: 09:57 Method: 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG171602-02	6M45316	08/06/04 10:28	01
LCS2	WG171602-03	6M45317	08/06/04 11:00	01
TRIP BLANK	L0407524-11	6M45318	08/06/04 11:32	01
TF-2	L0407524-04	6M45319	08/06/04 12:04	DL01
LW-5	L0407524-05	6M45330	08/06/04 17:52	01
LW-60	L0407524-06	6M45331	08/06/04 18:23	01
LW-6	L0407524-07	6M45332	08/06/04 18:54	01
TF-1	L0407524-08	6M45333	08/06/04 19:26	01
DECON.	L0407524-10	6M45334	08/06/04 19:58	01
TF-3	L0407524-09	6M45335	08/06/04 20:30	DL01
BLANK2	WG171602-04	6M45338	08/06/04 22:06	01

KEMRON ENVIRONMENTAL SERVICES

METHOD BLANK REPORT

Login Number: L0407524 Run Date: 08/05/2004 Sample ID: WG171515-01
Instrument ID: HPMS6 Run Time: 10:26 Prep Method: 5030B
File ID: 6M45289 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG171515 Matrix: Water Units: ug/L
Contract #: Cal ID: HPMS6-07-JUL-04

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	92.3	86 - 118	PASS
1,2-Dichloroethane-d4	89.2	80 - 120	PASS
Toluene-d8	96.7	88 - 110	PASS
4-Bromofluorobenzene	95.2	86 - 115	PASS

* Analyte detected above RDL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 04/01/2004
Version 1.3 PDF File ID: 113780
Report generated 08/11/2004 10:48

KEMRON ENVIRONMENTAL SERVICES

METHOD BLANK REPORT

Login Number: L0407524 Run Date: 08/06/2004 Sample ID: WG171602-01
Instrument ID: HPMS6 Run Time: 09:57 Prep Method: 5030B
File ID: 6M45315 Analyst: CMS Method: 8260B
Workgroup (AAB#): WG171602 Matrix: Water Units: ug/L
Contract #: Cal ID: HPMS6-07-JUL-04

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.7	86 - 118	PASS
1,2-Dichloroethane-d4	91.8	80 - 120	PASS
Toluene-d8	97.3	88 - 110	PASS
4-Bromofluorobenzene	97.6	86 - 115	PASS

* Analyte detected above RDL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 04/01/2004
Version 1.3 PDF File ID: 113780
Report generated 08/11/2004 10:48

KEMRON ENVIRONMENTAL SERVICES

LABORATORY CONTROL SAMPLE

Login Number: L0407524 Run Date: 08/05/2004 Sample ID: WG171515-02

Instrument ID: HPMS6 Run Time: 11:28 Prep Method: 5030B

File ID: 6M45291 Analyst: CMS Method: 8260B

Workgroup (AAB#): WG171515 Matrix: Water Units: ug/L

Contract #: Cal ID: HPMS6-07-JUL-2004 17:01

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	21.4	107	80 - 121	
Ethyl benzene	20.0	21.1	105	80 - 122	
Toluene	20.0	21.2	106	80 - 124	
Xylenes	60.0	63.2	105	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.7	86 - 118	PASS
1,2-Dichloroethane-d4	90.7	80 - 120	PASS
Toluene-d8	96.4	88 - 110	PASS
4-Bromofluorobenzene	94.8	86 - 115	PASS

* Analyte outside control limits

NS Analyte not spiked

KEMRON FORMS - Modified 04/01/2004
Version 1.3 PDF File ID: 115411
Report generated 08/11/2004 10:49

KEMRON ENVIRONMENTAL SERVICES

LABORATORY CONTROL SAMPLE

Login Number: L0407524 Run Date: 08/06/2004 Sample ID: WG171602-02

Instrument ID: HPMS6 Run Time: 10:28 Prep Method: 5030B

File ID: 6M45316 Analyst: CMS Method: 8260B

Workgroup (AAB#): WG171602 Matrix: Water Units: ug/L

Contract #: Cal ID: HPMS6-07-JUL-2004 17:01

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	21.1	105	80 - 121	
Ethyl benzene	20.0	20.9	105	80 - 122	
Toluene	20.0	20.6	103	80 - 124	
Xylenes	60.0	62.6	104	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.7	86 - 118	PASS
1,2-Dichloroethane-d4	92.7	80 - 120	PASS
Toluene-d8	96.4	88 - 110	PASS
4-Bromofluorobenzene	96.2	86 - 115	PASS

* Analyte outside control limits

NS Analyte not spiked

KEMRON FORMS - Modified 04/01/2004
Version 1.3 PDF File ID: 115411
Report generated 08/11/2004 10:49

LABORATORY CONTROL SAMPLES

Login Number: L0407524 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS6 Matrix: Water Method: 8260B
Workgroup (AAB#): WG171515 Units: ug/L
Sample ID: WG171515-02 LCS File ID: 6M45291 Run Date: 08/05/2004 11:28
Sample ID: WG171515-03 LCS2 File ID: 6M45292 Run Date: 08/05/2004 12:00

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Limit	Q
	Known	Found	% REC	Known	Found	% REC				
Benzene	20.0	21.4	107	20.0	22.1	111	3.57	80 - 121	21	
Ethyl benzene	20.0	21.1	105	20.0	21.8	109	3.24	80 - 122	20	
Toluene	20.0	21.2	106	20.0	21.6	108	2.13	80 - 124	22	
Xylenes	60.0	63.2	105	60.0	65.2	109	3.1	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	94.7	94.2	86 - 118	PASS
1,2-Dichloroethane-d4	90.7	90.0	80 - 120	PASS
Toluene-d8	96.4	96.4	88 - 110	PASS
4-Bromofluorobenzene	94.8	96.4	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 03/24/2004
Version 1.3 PDF File ID: 113777
Report generated 08/11/2004 10:49

LABORATORY CONTROL SAMPLES

Login Number: L0407524 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS6 Matrix: Water Method: 8260B
Workgroup (AAB#): WG171602 Units: ug/L
Sample ID: WG171602-02 LCS File ID: 6M45316 Run Date: 08/06/2004 10:28
Sample ID: WG171602-03 LCS2 File ID: 6M45317 Run Date: 08/06/2004 11:00

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Limit	Q
	Known	Found	% REC	Known	Found	% REC				
Benzene	20.0	21.1	105	20.0	22.2	111	5.3	80 - 121	21	
Ethyl benzene	20.0	20.9	105	20.0	21.5	107	2.71	80 - 122	20	
Toluene	20.0	20.6	103	20.0	21.3	107	3.55	80 - 124	22	
Xylenes	60.0	62.6	104	60.0	65.4	109	4.46	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	96.7	96.3	86 - 118	PASS
1,2-Dichloroethane-d4	92.7	91.3	80 - 120	PASS
Toluene-d8	96.4	96.7	88 - 110	PASS
4-Bromofluorobenzene	96.2	96.7	86 - 115	PASS

* FAILS %REC LIMIT

FAILS RPD LIMIT

KEMRON FORMS - Modified 03/24/2004
Version 1.3 PDF File ID: 113777
Report generated 08/11/2004 10:49

COC No. A 48063

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Shaw Environmental, Inc.

Project Contact: PAUL LAMBERT | Contact Phone #: 312-499-3536

Turn Around Requirements: | Location: Oak Creek, WI

Project #: 826003 | Project Name: PPG

Sampler (print): Chuck Zimney, Scott Petlewski | Signature: Chuck Zimney

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☒ Other UST

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	VOC (Method 8260B)
MW-12		X	7/26/04	10:30			3		✓
MW-11		X		10:45			3		✓
LW-2		X		11:00			3		✓
TF-2		X		11:30			3		✓
LW-5		X		11:45			3		✓
LW-60		X		12:15			3		✓
LW-6		X		12:00			3		✓
TF-1		X		12:30			3		✓
TF-3		X		13:00			3		✓
DECON.		X		13:30			3		✓
Trip Blanks		X	↓	10:00			3		✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Chuck Zimney	7/26/04	17:00					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Cara Stuckler	7/27/04	930	3°	coc sealed, bkb intact COC

*Homogenize all composite samples prior to analysis

SAMPLE RECEIPT FORM

Date: 7/27/04 Client: PPG Shaw - Oak Creek

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Shipped By: ( ) Fed-Ex (✓) UPS ( ) DHL ( ) KEMRON ( ) Client ( ) Other

Opened By: CMD

Logged By: CMD Login #: L04 7-524

IR Temp Gun: ( ) D (✓) F

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	KL1285	3	1Z6V4669014429723 2	48063	
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	Y	N	(N/A)
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

CRF #1
Revised 8/22/03

Comments:_____

KEMRON
ENVIRONMENTAL SERVICES

CRF#4

Sample Discrepancy Form

Client: Shaw Project: _____

Date Received: 7/27/04

_____ Cooler temperature > than 6 degrees Celsius

Reason _____

_____ Samples received not on chain of custody

_____ Samples on chain of custody not received

_____ Information on sample containers different from chain of custody

✓ no time sampled listed on bottles Logged per COC.

_____ Sample containers received broken, leaking or not sealed (List sample ID)

_____ pH out (List sample ID, which container, pH prior to adjusting, amount of acid, preservative)

_____ Insufficient sample volume

_____ Air bubbles present in VOA vials (List sample ID)

_____ Hold time expired (List sample ID)

Service Representative:
Was client notified regarding information: **YES** (**NO**) ars
Name of Person contacted: _____ Company: _____
Service Representative: _____ Date: _____

Last Revised 08/22/03

January 2005 Analytical Data

156 Starlite Drive, Marietta, OH 45750 ● TEL 740-373-4071 ● FAX 740-373-4835 ● http://www.kemron.com

Laboratory Report Number: L0502004

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact our team member noted in the Reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

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This report was reviewed on February 11, 2005:

Micalyn Harris

I certify that all test results meet all of the requirments of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on an 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on February 11, 2005:

David E. Vanderberg

FL DOH NELAP ID: E87551

This report contains a total of **23** pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0502004

02/10/05 14:45

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: PPG Industries-Oakcreek
10800 S. 13th Street

Oak Creek, WI 53154
Attention: Brian McGuire

Account Number: 812-741
Work ID: PPG

P.O. Number: 175869

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW-12	L0502004-01	31-JAN-05	01-FEB-05
MW-11	L0502004-02	31-JAN-05	01-FEB-05
LW-2	L0502004-03	31-JAN-05	01-FEB-05
TF-2	L0502004-04	31-JAN-05	01-FEB-05
LW-6	L0502004-05	31-JAN-05	01-FEB-05
LW-5	L0502004-06	31-JAN-05	01-FEB-05
LW-60	L0502004-07	31-JAN-05	01-FEB-05
TF-3	L0502004-08	31-JAN-05	01-FEB-05
TF-1	L0502004-09	31-JAN-05	01-FEB-05
DECON	L0502004-10	31-JAN-05	01-FEB-05
TRIP BLANK	L0502004-11	31-JAN-05	01-FEB-05

Report Number: **L0502004**
Report Date : **February 10, 2005**

Sample Number: **L0502004-01** | Prep Method: **5030B** | Instrument: **HPMS8**
Client ID: **MW-12** | Analytical Method: **8260B** | Prep Date: **02/03/2005 14:34**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **01/20/2005 15:15**
Workgroup Number: **WG182227** | Dilution: **1** | Run Date: **02/03/2005 14:34**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **8M319813**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	106	86	118	
1,2-Dichloroethane-d4	117	80	120	
Toluene-d8	105	88	110	
4-Bromofluorobenzene	102	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0502004-02** | Prep Method: **5030B** | Instrument: **HPMS8**
Client ID: **MW-11** | Analytical Method: **8260B** | Prep Date: **02/03/2005 15:03**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **01/20/2005 15:15**
Workgroup Number: **WG182227** | Dilution: **1** | Run Date: **02/03/2005 15:03**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **8M319814**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	105	86	118	
1,2-Dichloroethane-d4	117	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0502004-03** | Prep Method: **5030B** | Instrument: **HPMS8**
Client ID: **LW-2** | Analytical Method: **8260B** | Prep Date: **02/03/2005 15:32**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **01/20/2005 15:15**
Workgroup Number: **WG182227** | Dilution: **1** | Run Date: **02/03/2005 15:32**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **8M319815**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	105	86	118	
1,2-Dichloroethane-d4	121	80	120	*
Toluene-d8	103	88	110	
4-Bromofluorobenzene	102	86	115	

***** Surrogate or spike compound out of range

Report Number: **L0502004**
Report Date : **February 10, 2005**

Sample Number: **L0502004-03**
Client ID: **LW-2**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 15:32**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 15:32**
File ID: **8M319815**

U Not detected at or above the method detection limit

Sample Number: **L0502004-04**
Client ID: **TF-2**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 16:02**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 16:02**
File ID: **8M319816**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.589	J	5.00	0.125
Ethyl benzene	100-41-4	74.0		5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	119	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	100	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above the method detection limit

Sample Number: **L0502004-05**
Client ID: **LW-6**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 16:31**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 16:31**
File ID: **8M319817**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	103	86	118	
1,2-Dichloroethane-d4	116	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	104	86	115	

U Not detected at or above the method detection limit

Report Number: **L0502004**
Report Date : **February 10, 2005**

Sample Number: **L0502004-06** | Prep Method: **5030B** | Instrument: **HPMS8**
Client ID: **LW-5** | Analytical Method: **8260B** | Prep Date: **02/03/2005 17:00**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **01/20/2005 15:15**
Workgroup Number: **WG182227** | Dilution: **1** | Run Date: **02/03/2005 17:00**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **8M319818**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.540	J	5.00	0.125
Ethyl benzene	100-41-4	36.8		5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7	0.878	J	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	105	86	118	
1,2-Dichloroethane-d4	120	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	99.9	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above the method detection limit

Sample Number: **L0502004-07** | Prep Method: **5030B** | Instrument: **HPMS8**
Client ID: **LW-60** | Analytical Method: **8260B** | Prep Date: **02/03/2005 17:29**
Matrix: **Water** | Analyst: **CMS** | Cal Date: **01/20/2005 15:15**
Workgroup Number: **WG182227** | Dilution: **1** | Run Date: **02/03/2005 17:29**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **8M319819**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	106	86	118	
1,2-Dichloroethane-d4	120	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	102	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0502004-08** | Prep Method: **5030B** | Instrument: **HPMS10**
Client ID: **TF-3** | Analytical Method: **8260B** | Prep Date: **02/04/2005 17:52**
Matrix: **Water** | Analyst: **MES** | Cal Date: **01/12/2005 16:50**
Workgroup Number: **WG182330** | Dilution: **50** | Run Date: **02/04/2005 17:52**
Collect Date: **31-JAN-05** | Units: **ug/L** | File ID: **10M35596**
Sample Tag: **DL01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Toluene	108-88-3	256		250	12.5
Xylenes, Total	1330-20-7	3890		250	25.0

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	109	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	102	86	115	

Report Number: **L0502004**
Report Date : **February 10, 2005**

Sample Number: **L0502004-08**
Client ID: **TF-3**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 18:56**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 18:56**
File ID: **8M319822**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	4.62	J	5.00	0.125
Ethyl benzene	100-41-4	178		5.00	0.250

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	108	86	118	
1,2-Dichloroethane-d4	122	80	120	*
Toluene-d8	104	88	110	
4-Bromofluorobenzene	102	86	115	

***** Surrogate or spike compound out of range
J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0502004-09**
Client ID: **TF-1**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 17:58**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 17:58**
File ID: **8M319820**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	117	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above the method detection limit

Sample Number: **L0502004-10**
Client ID: **DECON**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 18:27**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 18:27**
File ID: **8M319821**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	118	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above the method detection limit

Report Number: **L0502004**
Report Date : **February 10, 2005**

Sample Number: **L0502004-11**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG182227**
Collect Date: **31-JAN-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS8**
Prep Date: **02/03/2005 11:40**
Cal Date: **01/20/2005 15:15**
Run Date: **02/03/2005 11:40**
File ID: **8M319807**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	104	86	118	
1,2-Dichloroethane-d4	112	80	120	
Toluene-d8	107	88	110	
4-Bromofluorobenzene	101	86	115	

U Not detected at or above the method detection limit

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG182227

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0502004-01	MW-12			02/03/05 14:34	01	HPMS8	CMS
L0502004-02	MW-11			02/03/05 15:03	01	HPMS8	CMS
L0502004-03	LW-2			02/03/05 15:32	01	HPMS8	CMS
L0502004-04	TF-2			02/03/05 16:02	01	HPMS8	CMS
L0502004-05	LW-6			02/03/05 16:31	01	HPMS8	CMS
L0502004-06	LW-5			02/03/05 17:00	01	HPMS8	CMS
L0502004-07	LW-60			02/03/05 17:29	01	HPMS8	CMS
L0502004-08	TF-3			02/03/05 18:56	01	HPMS8	CMS
L0502004-09	TF-1			02/03/05 17:58	01	HPMS8	CMS
L0502004-10	DECON			02/03/05 18:27	01	HPMS8	CMS
L0502004-11	TRIP BLANK			02/03/05 11:40	01	HPMS8	CMS

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG182227

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0502004-01	MW-12				182227	HPMS8	CMS
L0502004-02	MW-11				182227	HPMS8	CMS
L0502004-03	LW-2				182227	HPMS8	CMS
L0502004-04	TF-2				182227	HPMS8	CMS
L0502004-05	LW-6				182227	HPMS8	CMS
L0502004-06	LW-5				182227	HPMS8	CMS
L0502004-07	LW-60				182227	HPMS8	CMS
L0502004-08	TF-3				182227	HPMS8	CMS
L0502004-09	TF-1				182227	HPMS8	CMS
L0502004-10	DECON				182227	HPMS8	CMS
L0502004-11	TRIP BLANK				182227	HPMS8	CMS

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG182330

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0502004-08	TF-3			02/04/05 17:52	DL01	HPMS10	MES

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG182330

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0502004-08	TF-3				182330	HPMS10	MES

Kemron Environmental Services
Analyst Listing
February 10, 2005

AJF - AMANDA J. FICKIESEN
ALB - ANNIE L. BOCK
ALT - ANN L. THAYER
ARS - ANGELINA R. SCOTT
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS
CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS
CPD - CHAD P. DAVIS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAS - DALLAS A. SULLIVAN
DD - DIANE M. DENNIS
DDE - DEBRA D. ELLIOTT
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DMV - DAVID M. VANDEVELDE
DP - DEANNA L. PIERSON
DR - DEANNA ROBERTS
DRB - DOUG R. BARNETT
DSM - DAVID S. MOSSOR
DST - DENNIS S. TEPE
ECL - ERIC C. LAWSON
EED - EMILY E. DECKER
ELW - ERICA L. WEBB
HV - HEMA VILASAGAR
JAL - JOHN A. LENT
JJG - JOHN J. GREUEY
JKT - JANE K. THOMPSON
JLS - JANICE L. SCHIMMEL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
LKN - LINDA K. NEDEFF
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MAH - MICALYN A. HARRIS
MDA - MICHAEL D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING
MKZ - MARILYN K. ZUMBRO
MLR - MARY L. ROCHOTTE
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
OGT - OKEY G. TUCKER
PAS - PATRICK A. STREET
RB - ROBERT BUCHANAN
RDC - REBECCA D. CUTLIP
REK - ROBERT E. KYER
RJW - RHONDA J. WITTEKIND
RP - RICHARD PETTY
RWC - ROD W. CAMPBELL
SCM - SUSAN C. MOELLENDICK
SH - SHAUNA M. HYDE
SK - SANDRA KEENER
SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF
TD - TIMOTHY DYSERT
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER
VKL - VICKY K. LAUER

KEMRON Environmental Services, Inc.
List of Valid Qualifiers
February 10, 2005

These are KEMRON's standard report qualifiers:

B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified as a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semi-quantitative result, out of instrument calibration range
J	Present below normal reporting limit
L	Sample reporting limits elevated due to matrix interference
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NS	Not spiked
P	Concentration >40% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out out of control limits
X	Exceeds regulatory limit
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitiation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The anlyte was positively identified by the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number:	L0502004	**Work Group:**	WG182227
Blank File ID:	8M319804	**Blank Sample ID:**	WG182227-01
Date Analyzed:	02/03/05	**Instrument ID:**	HPMS8
Time Analyzed:	10:01	**Method:**	8260B
Analyst:	CMS		

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG182227-02	8M319805	02/03/05 10:31	01
LCS2	WG182227-03	8M319806	02/03/05 11:00	01
TRIP BLANK	L0502004-11	8M319807	02/03/05 11:40	01
MW-12	L0502004-01	8M319813	02/03/05 14:34	01
MW-11	L0502004-02	8M319814	02/03/05 15:03	01
LW-2	L0502004-03	8M319815	02/03/05 15:32	01
TF-2	L0502004-04	8M319816	02/03/05 16:02	01
LW-6	L0502004-05	8M319817	02/03/05 16:31	01
LW-5	L0502004-06	8M319818	02/03/05 17:00	01
LW-60	L0502004-07	8M319819	02/03/05 17:29	01
TF-1	L0502004-09	8M319820	02/03/05 17:58	01
DECON	L0502004-10	8M319821	02/03/05 18:27	01
TF-3	L0502004-08	8M319822	02/03/05 18:56	01

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number:	L0502004	**Work Group:**	WG182330
Blank File ID:	10M35581	**Blank Sample ID:**	WG182330-01
Date Analyzed:	02/04/05	**Instrument ID:**	HPMS10
Time Analyzed:	10:06	**Method:**	8260B
Analyst:	MES		

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG182330-02	10M35582	02/04/05 10:37	01
LCS2	WG182330-03	10M35583	02/04/05 11:08	01
FBLK	WG182330-04	10M35584	02/04/05 11:40	01
TF-3	L0502004-08	10M35596	02/04/05 17:52	DL01
BLANK2	WG182330-05	10M35604	02/04/05 22:01	01

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0502004	Run Date:	02/03/2005	Sample ID:	WG182227-01
Instrument ID:	HPMS8	Run Time:	10:01	Prep Method:	5030B
File ID:	8M319804	Analyst:	CMS	Method:	8260B
Workgroup (AAB#):	WG182227	Matrix:	Water	Units:	ug/L
Contract #:		Cal ID:	HPMS8-20-JAN-05		

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	103	86	-	118	PASS
1,2-Dichloroethane-d4	116	80	-	120	PASS
Toluene-d8	105	88	-	110	PASS
4-Bromofluorobenzene	101	86	-	115	PASS

* Analyte detected above RDL

ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 11/05/2004
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KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0502004	Run Date:	02/04/2005	Sample ID:	WG182330-01
Instrument ID:	HPMS10	Run Time:	10:06	Prep Method:	5030B
File ID:	10M35581	Analyst:	MES	Method:	8260B
Workgroup (AAB#):	WG182330	Matrix:	Water	Units:	ug/L
Contract #:		Cal ID:	HPMS10-12-JAN-05		

Analytes	MDL	RDL	Concentration	Dilution	Qualifier
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	102	86 - 118	PASS
1,2-Dichloroethane-d4	106	80 - 120	PASS
Toluene-d8	101	88 - 110	PASS
4-Bromofluorobenzene	100	86 - 115	PASS

* Analyte detected above RDL

ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 11/05/2004
Version 1.5 PDF File ID: 189245
Report generated 02/10/2005 12:49

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number:	L0502004	**Run Date:**	02/03/2005	**Sample ID:**	WG182227-02
Instrument ID:	HPMS8	**Run Time:**	10:31	**Prep Method:**	5030B
File ID:	8M319805	**Analyst:**	CMS	**Method:**	8260B
Workgroup (AAB#):	WG182227	**Matrix:**	Water	**Units:**	ug/L
Contract #:		**Cal ID:**	HPMS8-20-JAN-2005 15:15		

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	20.0	99.8	80 - 121	
Ethyl benzene	20.0	18.2	91.2	80 - 122	
Toluene	20.0	20.1	100	80 - 124	
Xylenes	60.0	58.4	97.3	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	106	86 - 118	PASS
1,2-Dichloroethane-d4	113	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	101	86 - 115	PASS

*** FAILS %REC LIMIT**

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number:	L0502004	Run Date:	02/04/2005	Sample ID:	WG182330-02
Instrument ID:	HPMS10	Run Time:	10:37	Prep Method:	5030B
File ID:	10M35582	Analyst:	MES	Method:	8260B
Workgroup (AAB#):	WG182330	Matrix:	Water	Units:	ug/L
Contract #:		Cal ID:	HPMS10-12-JAN-2005 16:50		

Analytes	Expected	Found	% Rec	LCS Limits	Q
Toluene	20.0	22.2	111	80 - 124	
Xylenes	60.0	64.3	107	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	103	86 - 118	PASS
1,2-Dichloroethane-d4	106	80 - 120	PASS
Toluene-d8	101	88 - 110	PASS
4-Bromofluorobenzene	98.8	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON Environmental Services

LABORATORY CONTROL SAMPLES

Login Number: L0502004 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS8 Matrix: Water Method: 8260B
Workgroup (AAB#): WG182227 Units: ug/L
Sample ID: WG182227-02 LCS File ID: 8M319805 Run Date: 02/03/2005 10:31
Sample ID: WG182227-03 LCS2 File ID: 8M319806 Run Date: 02/03/2005 11:00

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Benzene	20.0	20.0	99.8	20.0	21.1	106	5.77	80 - 121	21	
Ethyl benzene	20.0	18.2	91.2	20.0	19.4	97.0	6.16	80 - 122	20	
Toluene	20.0	20.1	100	20.0	21.5	108	7.02	80 - 124	22	
Xylenes	60.0	58.4	97.3	60.0	62.9	105	7.46	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	106	107	86 - 118	PASS
1,2-Dichloroethane-d4	113	116	80 - 120	PASS
Toluene-d8	103	103	88 - 110	PASS
4-Bromofluorobenzene	101	101	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

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KEMRON Environmental Services

LABORATORY CONTROL SAMPLES

Login Number: L0502004 Analyst: MES Prep Method: 5030B
Instrument ID: HPMS10 Matrix: Water Method: 8260B
Workgroup (AAB#): WG182330 Units: ug/L
Sample ID: WG182330-02 LCS File ID: 10M35582 Run Date: 02/04/2005 10:37
Sample ID: WG182330-03 LCS2 File ID: 10M35583 Run Date: 02/04/2005 11:08

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Toluene	20.0	22.2	111	20.0	21.2	106	4.67	80 - 124	22	
Xylenes	60.0	64.3	107	60.0	61.4	102	4.59	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	103	103	86 - 118	PASS
1,2-Dichloroethane-d4	106	104	80 - 120	PASS
Toluene-d8	101	99.3	88 - 110	PASS
4-Bromofluorobenzene	98.8	99.2	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

KEMRON FORMS - Modified 01/03/2005
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COC No. A **50814**

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Shaw E & I

Project Contact: PAUL LAMBERT | Contact Phone #: 312-499-3536

Turn Around Requirements: | Location: Oak Creek, WI

Project #: 826003 | Project Name: PPG

Sampler (print): Chuck Zimney / Scott Petlewski | Signature: Chuck Zimney

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other _____

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	826-BETX	ADDITIONAL REQUIREMENTS
MW-12		✓	1/31/05	9:00			2		✓	
MW-11		✓		9:30			2		✓	
LW-2		✓		10:00			2		✓	
TF-2		✓		10:15			2		✓	
LW-6		✓		10:45			2		✓	
LW-5		✓		11:00			2		✓	
LW-60		✓		11:00			2		✓	
TF-3		✓		11:30			2		✓	Strong Odor
TF-1		✓		12:00			2		✓	
DECON		✓		12:15			2		✓	
TRIP Blank		✓	↓	8:00			2		✓	Original trip blanks from Kemron broken during shipping

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Chuck Zimney	1/31/05	15:00					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Carol Strickler	2/1/05	9:15	3°	COC sealed, VOA intact

*Homogenize all composite samples prior to analysis

Page 1 of 1

SAMPLE RECEIPT FORM

Date: 2-1-05 Client: PPG - Oak Creek

Shipped By: ( ) Fed-Ex (M) UPS ( )DHL ( ) KEMRON ( ) Client ( ) Other 9:15

Opened By: CYD

Logged By: CYD Login # L05 2-004

IR Temp Gun: ( ) D (M) F

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	KM225	3	1Z6V45690149596397	50814	
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	~~(Y)~~	(N)	N/A
Was the label information complete?*	~~(Y)~~	(N)	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	Y	N	(N/A)
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	(Y)	N	~~(N/A)~~

CYD 2/1/05 CYD 2/1/05

**Requires a discrepancy form*

Comments:

CRF #1
Revised 8/22/03

KEMRON
ENVIRONMENTAL SERVICES

CRF#4

Sample Discrepancy Form

Client: PPG - Oak Creek Project: _____

Date Received: 2/1/05

_____ Cooler temperature > than 6 degrees Celsius

Reason _____

_____ Samples received not on chain of custody

_____ Samples on chain of custody not received

✓ Information on sample containers different from chain of custody
No time Sampled listed on bottles - Logged per COC.

_____ Sample containers received broken, leaking or not sealed (List sample ID)

_____ pH out (List sample ID, which container, pH prior to adjusting, amount of acid, preservative)

_____ Insufficient sample volume

_____ Air bubbles present in VOA vials (List sample ID)

_____ Hold time expired (List sample ID)

Service Representative:
Was client notified regarding information: **YES** (NO) ok to log per COC only
Name of Person contacted: _____ Company: Aus.
Service Representative: _____ Date: _____

Last Revised 08/22/03

July 2005 Analytical Data

156 Starlite Drive, Marietta, OH 45750 * TEL 740-373-4071 * FAX 740-373-4835 * http://www.kemron.com

Laboratory Report Number: L0507195

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact our team member noted in the Reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for yo

Debra Elliott - Team Leader
delliott@kemron-lab.com

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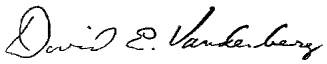
This report was reviewed on 25-JUL-05.



KATHY ALBERTSON

I certify that all test results meet all of the requirments of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on an 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in

This report was certified on 25-JUL-05.



DAVID VANDENBERG

FL DOH NELAP ID: E8755

This report contains a total of 22 pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0507195

07/22/05 12:07

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: PPG Industries-Oakcreek
10800 S. 13th Street

Oak Creek, WI 53154
Attention: Brian McGuire

Account Number: 2699
Work ID: PPG

P.O. Number: 175869

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW-12	L0507195-01	08-JUL-05	12-JUL-05
MW-11	L0507195-02	08-JUL-05	12-JUL-05
LW-6	L0507195-03	08-JUL-05	12-JUL-05
LW-60	L0507195-04	08-JUL-05	12-JUL-05
LW-5	L0507195-05	08-JUL-05	12-JUL-05
LW-2	L0507195-06	08-JUL-05	12-JUL-05
TF-2	L0507195-07	08-JUL-05	12-JUL-05
TF-1	L0507195-08	08-JUL-05	12-JUL-05
TF-3	L0507195-09	08-JUL-05	12-JUL-05
DECON	L0507195-10	08-JUL-05	12-JUL-05
TRIP BLANK	L0507195-11	08-JUL-05	12-JUL-05

Report Number: **L0507195**
Report Date : **July 22, 2005**

Sample Number: **L0507195-01** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **MW-12** | Analytical Method: **8260B** | Prep Date: **07/14/2005 12:05**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 12:05**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28286**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.9	86	118	
1,2-Dichloroethane-d4	95.1	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	101	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-02** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **MW-11** | Analytical Method: **8260B** | Prep Date: **07/14/2005 12:34**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 12:34**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28287**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.7	86	118	
1,2-Dichloroethane-d4	94.8	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	102	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-03** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **LW-6** | Analytical Method: **8260B** | Prep Date: **07/14/2005 13:05**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 13:05**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28288**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	98.8	86	118	
1,2-Dichloroethane-d4	98.1	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0507195**
Report Date : **July 22, 2005**

Sample Number: **L0507195-04** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **LW-60** | Analytical Method: **8260B** | Prep Date: **07/14/2005 13:35**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 13:35**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28289**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.7	86	118	
1,2-Dichloroethane-d4	96.9	80	120	
Toluene-d8	104	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-05** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **LW-5** | Analytical Method: **8260B** | Prep Date: **07/14/2005 14:05**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 14:05**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28290**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.314	J	5.00	0.125
Ethyl benzene	100-41-4	13.8		5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7	1.52	J	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.6	86	118	
1,2-Dichloroethane-d4	94.9	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	102	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-06** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **LW-2** | Analytical Method: **8260B** | Prep Date: **07/14/2005 14:34**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 14:34**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28291**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Report Number: **L0507195**
Report Date : **July 22, 2005**

Sample Number: **L0507195-06** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **LW-2** | Analytical Method: **8260B** | Prep Date: **07/14/2005 14:34**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 14:34**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28291**
Sample Tag: **01**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.8	86	118	
1,2-Dichloroethane-d4	97.0	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	99.1	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-07** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **TF-2** | Analytical Method: **8260B** | Prep Date: **07/14/2005 15:04**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 15:04**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28292**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.805	J	5.00	0.125
Ethyl benzene	100-41-4	1.45	J	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	100	86	118	
1,2-Dichloroethane-d4	98.0	80	120	
Toluene-d8	103	88	110	
4-Bromofluorobenzene	103	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0507195-08** | Prep Method: **5030B** | Instrument: **HPMS11**
Client ID: **TF-1** | Analytical Method: **8260B** | Prep Date: **07/14/2005 15:34**
Matrix: **Water** | Analyst: **JLS** | Cal Date: **06/06/2005 14:34**
Workgroup Number: **WG192877** | Dilution: **1** | Run Date: **07/14/2005 15:34**
Collect Date: **08-JUL-05** | Units: **ug/L** | File ID: **11M28293**
Sample Tag: **01**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.5	86	118	
1,2-Dichloroethane-d4	96.7	80	120	
Toluene-d8	100	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0507195**
Report Date : **July 22, 2005**

Sample Number: **L0507195-09**
Client ID: **TF-3**
Matrix: **Water**
Workgroup Number: **WG192877**
Collect Date: **08-JUL-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **JLS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS11**
Prep Date: **07/14/2005 16:04**
Cal Date: **06/06/2005 14:34**
Run Date: **07/14/2005 16:04**
File ID: **11M28294**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	6.13		5.00	0.125

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.8	86	118	
1,2-Dichloroethane-d4	94.9	80	120	
Toluene-d8	100	88	110	
4-Bromofluorobenzene	100	86	115	

Sample Number: **L0507195-09**
Client ID: **TF-3**
Matrix: **Water**
Workgroup Number: **WG192971**
Collect Date: **08-JUL-05**
Sample Tag: **DL01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **50**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **07/15/2005 10:37**
Cal Date: **04/23/2005 16:36**
Run Date: **07/15/2005 10:37**
File ID: **10M39463**

Analyte	CAS. Number	Result	Qual	RL	MDL
Ethyl benzene	100-41-4	227	J	250	12.5
Toluene	108-88-3	384		250	12.5
Xylenes, Total	1330-20-7	3680		250	25.0

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	91.5	86	118	
1,2-Dichloroethane-d4	82.1	80	120	
Toluene-d8	97.4	88	110	
4-Bromofluorobenzene	87.6	86	115	

J The analyte was positively identified, but the quantitation was below the RL

Sample Number: **L0507195-10**
Client ID: **DECON**
Matrix: **Water**
Workgroup Number: **WG192971**
Collect Date: **08-JUL-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **07/15/2005 10:06**
Cal Date: **04/23/2005 16:36**
Run Date: **07/15/2005 10:06**
File ID: **10M39462**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	91.8	86	118	
1,2-Dichloroethane-d4	82.0	80	120	
Toluene-d8	97.3	88	110	
4-Bromofluorobenzene	88.8	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0507195**
Report Date : **July 22, 2005**

Sample Number: **L0507195-11**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG192877**
Collect Date: **08-JUL-05**
Sample Tag: **01**

Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **JLS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS11**
Prep Date: **07/14/2005 11:35**
Cal Date: **06/06/2005 14:34**
Run Date: **07/14/2005 11:35**
File ID: **11M28285**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	5.00	0.125
Ethyl benzene	100-41-4		U	5.00	0.250
Toluene	108-88-3		U	5.00	0.250
Xylenes, Total	1330-20-7		U	5.00	0.500

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	96.2	86	118	
1,2-Dichloroethane-d4	94.6	80	120	
Toluene-d8	102	88	110	
4-Bromofluorobenzene	103	86	115	

U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG192877

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0507195-01	MW-12			07/14/05 12:05	01	HPMS11	JLS
L0507195-02	MW-11			07/14/05 12:34	01	HPMS11	JLS
L0507195-03	LW-6			07/14/05 13:05	01	HPMS11	JLS
L0507195-04	LW-60			07/14/05 13:35	01	HPMS11	JLS
L0507195-05	LW-5			07/14/05 14:05	01	HPMS11	JLS
L0507195-06	LW-2			07/14/05 14:34	01	HPMS11	JLS
L0507195-07	TF-2			07/14/05 15:04	01	HPMS11	JLS
L0507195-08	TF-1			07/14/05 15:34	01	HPMS11	JLS
L0507195-09	TF-3			07/14/05 16:04	01	HPMS11	JLS
L0507195-11	TRIP BLANK			07/14/05 11:35	01	HPMS11	JLS

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG192877

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0507195-01	MW-12				192877	HPMS11	CMS
L0507195-02	MW-11				192877	HPMS11	CMS
L0507195-03	LW-6				192877	HPMS11	CMS
L0507195-04	LW-60				192877	HPMS11	CMS
L0507195-05	LW-5				192877	HPMS11	CMS
L0507195-06	LW-2				192877	HPMS11	CMS
L0507195-07	TF-2				192877	HPMS11	CMS
L0507195-08	TF-1				192877	HPMS11	CMS
L0507195-09	TF-3				192877	HPMS11	CMS
L0507195-11	TRIP BLANK				192877	HPMS11	CMS

Analysis: Volatile Organics (BETX-8260)
Analytical Method: 8260B
Workgroup: WG192971

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0507195-09	TF-3			07/15/05 10:37	DL01	HPMS10	CMS
L0507195-10	DECON			07/15/05 10:06	01	HPMS10	CMS

WORKGROUP SUMMARY BY METHOD

Analysis: Volatile Organics (BETX-8260)
Extraction Method: 5030B
Workgroup: WG192971

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0507195-09	TF-3				192971	HPMS10	MES
L0507195-10	DECON				192971	HPMS10	MES

AJF - AMANDA J. FICKIESEN
ALB - ANNIE L. BOCK
ALT - ANN L. THAYER
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS
CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS
CPD - CHAD P. DAVIS
CRC - CARLA R. COCHRAN
CSH - CHRIS S. HILL
DAS - DALLAS A. SULLIVAN
DD - DIANE M. DENNIS
DDE - DEBRA D. ELLIOTT
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DP - DEANNA L. PIERSON
DR - DEANNA ROBERTS
DRB - DOUG R. BARNETT
DSM - DAVID S. MOSSOR
DST - DENNIS S. TEPE
ECL - ERIC C. LAWSON
ED - EMILY E. DECKER
HAV - HEMA VILASAGAR
JAL - JOHN A. LENT
JKT - JANE K. THOMPSON
JLS - JANICE L. SCHIMMEL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KEB - KATHRYN E. BARNES
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
LKN - LINDA K. NEDEFF
LSA - LUCINDA S. ARNOLD
LSB - LESLIE S. BUCINA
MAH - MICALYN A. HARRIS
MDA - MIKE D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING
MKZ - MARILYN K. ZUMBRO
MLM - MELODY M. MASSAR
MLR - MARY L. ROCHOTTE
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
OGT - OKEY G. TUCKER
PAS - PATRICK A. STREET
RB - ROBERT BUCHANAN
RDC - REBECCA D. CUTLIP
REK - ROBERT E. KYER
RMR - ROSE M. RAUCH
RWC - RODNEY W. CAMPBELL
SCM - SUSAN C. MOELLENDICK
SK - SANDRA KEENER
SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF
SMH - SHAUNA M. HYDE
TC - THOMAS CUTLIP
TMH - TIFFANY M. HENDERSHOT
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER
VKL - VICKY K. LAUER

KEMRON Environmental Services, Inc.
List of Valid Qualifiers
July 22, 2005

These are KEMRON's standard report qualifiers:

B	Present in the method blank
C	Confirmed by GC/MS
CG	Confluent growth
D	The analyte was quantified as a secondary dilution factor
DL	Surrogate or spike was diluted out
E	Estimated concentration due to sample matrix interference
FL	Free liquid
I	Semi-quantitative result, out of instrument calibration range
J	Present below normal reporting limit
L	Sample reporting limits elevated due to matrix interference
N	Tentatively Identified Compound (TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit (RL)
NF	Not found
NFL	No free liquid
NI	Non-ignitable
NS	Not spiked
P	Concentration >40% difference between the two GC columns
QNS	Quantity not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TNTC	Too numerous to count
U	Analyzed for but not detected
W	Post-digestion spike for furnace AA out out of control limits
X	Exceeds regulatory limit
Z	Can not be resolved from isomer.***
+	Correlation coefficient for the MSA is less than 0.995
<	Less than
>	Greater than
*	Surrogate or spike compound out of range

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methyphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound and are matrix dependent.

AFCEE Qualifiers

These are KEMRON's AFCEE Report Qualifiers

J	The analyte was positively identified, the quantitiation is an estimation.
U	The analyte was analyzed for, but not detected. The associated numerical value is at or below the MDL
F	The anlyte was positively identified by the associated numerical value is below the RL
R	The data is unusable due to deficiencies in the ability to analyze the sample and meet QC criteria
B	The analyte was found in an associated blank, as well as in the sample
M	The matrix effect was present
S	To be applied to all field screening data
T	Tentatively identified compound (using GC/MS)

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number:	L0507195	**Work Group:**	WG192877
Blank File ID:	11M28282	**Blank Sample ID:**	WG192877-01
Date Analyzed:	07/14/05	**Instrument ID:**	HPMS11
Time Analyzed:	10:05	**Method:**	8260B
Analyst:	JLS		

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG192877-02	11M28283	07/14/05 10:35	01
LCS2	WG192877-03	11M28284	07/14/05 11:05	01
TRIP BLANK	L0507195-11	11M28285	07/14/05 11:35	01
MW-12	L0507195-01	11M28286	07/14/05 12:05	01
MW-11	L0507195-02	11M28287	07/14/05 12:34	01
LW-6	L0507195-03	11M28288	07/14/05 13:05	01
LW-60	L0507195-04	11M28289	07/14/05 13:35	01
LW-5	L0507195-05	11M28290	07/14/05 14:05	01
LW-2	L0507195-06	11M28291	07/14/05 14:34	01
TF-2	L0507195-07	11M28292	07/14/05 15:04	01
TF-1	L0507195-08	11M28293	07/14/05 15:34	01
TF-3	L0507195-09	11M28294	07/14/05 16:04	01
BLANK2	WG192877-04	11M28304	07/14/05 21:04	01

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number:	L0507195	**Work Group:**	WG192971
Blank File ID:	10M39460	**Blank Sample ID:**	WG192971-01
Date Analyzed:	07/15/05	**Instrument ID:**	HPMS10
Time Analyzed:	09:02	**Method:**	8260B
Analyst:	CMS		

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG192971-02	10M39461	07/15/05 09:34	01
DECON	L0507195-10	10M39462	07/15/05 10:06	01
TF-3	L0507195-09	10M39463	07/15/05 10:37	DL01

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0507195	**Run Date:**	07/14/2005	**Sample ID:**	WG192877-01
Instrument ID:	HPMS11	**Run Time:**	10:05	**Prep Method:**	5030B
File ID:	11M28282	**Analyst:**	JLS	**Method:**	8260B
Workgroup (AAB#):	WG192877	**Matrix:**	Water	**Units:**	ug/L
Contract #:		**Cal ID:**	HPMS11-06-JUN-05		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	95.8	86	-	118	PASS
1,2-Dichloroethane-d4	94.1	80	-	120	PASS
Toluene-d8	103	88	-	110	PASS
4-Bromofluorobenzene	101	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

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Version 1.5 PDF File ID: 278861
Report generated 07/22/2005 09:49

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number: L0507195	Run Date: 07/14/2005	Sample ID: WG192877-04
Instrument ID: HPMS11	Run Time: 21:04	Prep Method: 5030B
File ID: 11M28304	Analyst: JLS	Method: 8260B
Workgroup (AAB#): WG192877	Matrix: Water	Units: ug/L
Contract #:	Cal ID: HPMS11-06-JUN-05	

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	94.7	86 - 118	PASS
1,2-Dichloroethane-d4	94.7	80 - 120	PASS
Toluene-d8	103	88 - 110	PASS
4-Bromofluorobenzene	104	86 - 115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 278861
Report generated 07/22/2005 09:49

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0507195	**Run Date:**	07/15/2005	**Sample ID:**	WG192971-01
Instrument ID:	HPMS10	**Run Time:**	09:02	**Prep Method:**	5030B
File ID:	10M39460	**Analyst:**	CMS	**Method:**	8260B
Workgroup (AAB#):	WG192971	**Matrix:**	Water	**Units:**	ug/L
Contract #:		**Cal ID:**	HPMS10 - 23-APR-05		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	5.00	0.125	1	U
Ethyl benzene	0.250	5.00	0.250	1	U
Toluene	0.250	5.00	0.250	1	U
Xylenes	0.500	5.00	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	91.5	86	-	118	PASS
1,2-Dichloroethane-d4	82.8	80	-	120	PASS
Toluene-d8	98.0	88	-	110	PASS
4-Bromofluorobenzene	87.9	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 278861
Report generated 07/22/2005 09:49

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number: L0507195	Run Date: 07/14/2005	Sample ID: WG192877-02
Instrument ID: HPMS11	Run Time: 10:35	Prep Method: 5030B
File ID: 11M28283	Analyst: JLS	Method: 8260B
Workgroup (AAB#): WG192877	Matrix: Water	Units: ug/L
Contract #:	Cal ID: HPMS11-06-JUN-2005	

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	21.9	110	80 - 121	
Ethyl benzene	20.0	22.4	112	80 - 122	
Toluene	20.0	22.5	112	80 - 124	
Xylenes	60.0	67.4	112	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.8	86 - 118	PASS
1,2-Dichloroethane-d4	93.0	80 - 120	PASS
Toluene-d8	101	88 - 110	PASS
4-Bromofluorobenzene	99.6	86 - 115	PASS

* FAILS %REC LIMIT

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Version 1.5 PDF File ID: 282070
Report generated 07/22/2005 09:49

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number: L0507195	Run Date: 07/15/2005	Sample ID: WG192971-02
Instrument ID: HPMS10	Run Time: 09:34	Prep Method: 5030B
File ID: 10M39461	Analyst: CMS	Method: 8260B
Workgroup (AAB#): WG192971	Matrix: Water	Units: ug/L
Contract #:	Cal ID: HPMS10-23-APR-2005	

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	21.0	105	80 - 121	
Ethyl benzene	20.0	21.9	109	80 - 122	
Toluene	20.0	21.5	108	80 - 124	
Xylenes	60.0	64.3	107	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	93.0	86 - 118	PASS
1,2-Dichloroethane-d4	82.4	80 - 120	PASS
Toluene-d8	95.4	88 - 110	PASS
4-Bromofluorobenzene	89.6	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 03/30/2005
Version 1.5 PDF File ID: 282070
Report generated 07/22/2005 09:49

KEMRON Environmental Services

LABORATORY CONTROL SAMPLES

Login Number: L0507195 Analyst: JLS Prep Method: 5030B
Instrument ID: HPMS11 Matrix: Water Method: 8260B
Workgroup (AAB#): WG192877 Units: ug/L
Sample ID: WG192877-02 LCS File ID: 11M28283 Run Date: 07/14/2005 10:35
Sample ID: WG192877-03 LCS2 File ID: 11M28284 Run Date: 07/14/2005 11:05

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Benzene	20.0	21.9	110	20.0	21.1	106	3.84	80 - 121	21	
Ethyl benzene	20.0	22.4	112	20.0	21.7	108	3.19	80 - 122	20	
Toluene	20.0	22.5	112	20.0	21.8	109	3.16	80 - 124	22	
Xylenes	60.0	67.4	112	60.0	65.7	109	2.48	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	96.8	97.4	86 - 118	PASS
1,2-Dichloroethane-d4	93.0	94.6	80 - 120	PASS
Toluene-d8	101	102	88 - 110	PASS
4-Bromofluorobenzene	99.6	103	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

KEMRON FORMS - Modified 01/03/2005
Version 1.5 PDF File ID: 278859
Report generated 07/22/2005 09:49

COC No. A 54799

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: Shaw E&I

Project Contact: PAUL LAMBERT | Contact Phone #: 312-499-3536

Turn Around Requirements: | Location: Oak Creek, WI

Project #: 826003 | Project Name: PPG

Sampler (print): Chuck Zimney | Signature: Chuck Zimney

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other

ADDITIONAL REQUIREMENTS

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	826 - BETX
MW-12		✓	7-8-05	8:30			2		✓
MW-11		✓		9:00			2		✓
LW-6		✓		9:30			2		✓
LW-60		✓		9:45			2		✓
LW-5		✓		10:00			2		✓
LW-2		✓		10:30			2		✓
TF-2		✓		10:50			2		✓
TF-1		✓		11:10			2		✓
TF-3		✓		11:30			2		✓
DECON		✓		11:45			2		✓
TRIP Blank		✓		8:00			2		✓

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
Chuck Zimney	7-8-05	14:00					
Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Brenda Gregory	7/12/05	1000	2	QC Dated Slp intact blg

*Homogenize all composite samples prior to analysis

SAMPLE RECEIPT FORM

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 7-12-05 Client: Shaw E+I 10:00

Shipped By: ( ) Fed-Ex (✓) UPS ( ) DHL (✓) KEMRON ( ) Client ( ) Other 7-12-05 RMR

Opened By: RMR

Logged By: KLG Login # L05 07195

IR Temp Gun: ( ) D (✓) F

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	RM44	2°C	1Z 6V4 5109 0192 84 8252	54799	
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	(Y)	N	N/A
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

Comments: _____

CRF #1
Revised 8/22/03

January 2006 Analytical Data

156 Starlite Drive, Marietta, OH 45750 * TEL 740-373-4071 * FAX 740-373-4835 * http://www.kemron.com

Laboratory Report Number: L0601441

Please find enclosed the analytical results for the samples you submitted to KEMRON Environmental Services.

Review and compilation of your report was completed by KEMRON's Sales and Service Team. If you have questions, comments or require further assistance regarding this report, please contact our team member noted in the Reviewed box below at 800-373-4071. Team member e-mail addresses also appear here for your convenience.

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This report was reviewed on 09-FEB-06.

Annie Bock
ANNIE BOCK

I certify that all test results meet all of the requirments of the NELAP standards and other applicable contract terms and conditions. All results for soil samples are reported on a 'dry-weight' basis unless specified otherwise. Analytical results for water and wastes are reported on an 'as received' basis unless specified otherwise. A statement of uncertainty for each analysis is available upon request. This laboratory report shall not be reproduced, except in full, without the written approval of KEMRON Environmental Services.

This report was certified on 09-FEB-06.

David E. Vandenberg
DAVID VANDENBERG

FL DOH NELAP ID: E8755

This report contains a total of 23 pages.

Protecting Our Environmental Future

LABORATORY REPORT

L0601441

02/03/06 13:32

Submitted By

KEMRON Environmental Services
156 Starlite Drive
Marietta , OH 45750
(740) 373 - 4071

For

Account Name: PPG Industries
10800 S. 13th Street

Oak Creek, WI 53154
Attention: Brian McGuire

Account Number: 2699
Work ID: OAK CREEK

P.O. Number: 175869

Sample Summary

Client ID	Lab ID	Date Collected	Date Received
MW-12	L0601441-01	23-JAN-06	25-JAN-06
MW-11	L0601441-02	23-JAN-06	25-JAN-06
LW-6	L0601441-03	23-JAN-06	25-JAN-06
LW-5	L0601441-04	23-JAN-06	25-JAN-06
LW-2	L0601441-05	23-JAN-06	25-JAN-06
TF-2	L0601441-06	23-JAN-06	25-JAN-06
TF-1	L0601441-07	23-JAN-06	25-JAN-06
TF-3	L0601441-08	23-JAN-06	25-JAN-06
LW-50	L0601441-09	23-JAN-06	25-JAN-06
DECON	L0601441-10	23-JAN-06	25-JAN-06
TRIP BLANK	L0601441-11	23-JAN-06	25-JAN-06

Report Number: **L0601441**
Report Date : **February 3, 2006**

Sample Number: **L0601441-01** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **MW-12** | Prep Method: **5030B** | Prep Date: **01/27/2006 13:33**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 13:33**
Collect Date: **01/23/2006 11:15** | Dilution: **1** | File ID: **10M43583**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	92.1	86	118	
1,2-Dichloroethane-d4	94.4	80	120	
Toluene-d8	96.5	88	110	
4-Bromofluorobenzene	97.3	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-02** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **MW-11** | Prep Method: **5030B** | Prep Date: **01/27/2006 14:04**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 14:04**
Collect Date: **01/23/2006 11:45** | Dilution: **1** | File ID: **10M43584**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	91.6	86	118	
1,2-Dichloroethane-d4	92.4	80	120	
Toluene-d8	97.6	88	110	
4-Bromofluorobenzene	96.2	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-03** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **LW-6** | Prep Method: **5030B** | Prep Date: **01/27/2006 14:36**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 14:36**
Collect Date: **01/23/2006 12:15** | Dilution: **1** | File ID: **10M43585**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	92.4	86	118	
1,2-Dichloroethane-d4	91.9	80	120	
Toluene-d8	96.7	88	110	
4-Bromofluorobenzene	96.5	86	115	

U Not detected at or above adjusted sample detection limit

Report Number: **L0601441**
Report Date : **February 3, 2006**

Sample Number: **L0601441-04**
Client ID: **LW-5**
Matrix: **Water**
Workgroup Number: **WG205541**
Collect Date: **01/23/2006 12:30**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **01/27/2006 15:07**
Cal Date: **01/04/2006 18:06**
Run Date: **01/27/2006 15:07**
File ID: **10M43586**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.39	J	0.40	0.13
Ethylbenzene	100-41-4	0.51	J	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	95.1	86	118	
1,2-Dichloroethane-d4	95.2	80	120	
Toluene-d8	98.3	88	110	
4-Bromofluorobenzene	98.3	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-05**
Client ID: **LW-2**
Matrix: **Water**
Workgroup Number: **WG205541**
Collect Date: **01/23/2006 13:15**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **01/27/2006 15:38**
Cal Date: **01/04/2006 18:06**
Run Date: **01/27/2006 15:38**
File ID: **10M43587**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	92.9	86	118	
1,2-Dichloroethane-d4	92.6	80	120	
Toluene-d8	95.7	88	110	
4-Bromofluorobenzene	94.9	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-06**
Client ID: **TF-2**
Matrix: **Water**
Workgroup Number: **WG205541**
Collect Date: **01/23/2006 13:45**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **01/27/2006 16:09**
Cal Date: **01/04/2006 18:06**
Run Date: **01/27/2006 16:09**
File ID: **10M43588**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.95		0.40	0.13
Ethylbenzene	100-41-4	37		5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7	0.58	J	5.0	0.50

Report Number: **L0601441**
Report Date : **February 3, 2006**

Sample Number: **L0601441-06** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **TF-2** | Prep Method: **5030B** | Prep Date: **01/27/2006 16:09**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 16:09**
Collect Date: **01/23/2006 13:45** | Dilution: **1** | File ID: **10M43588**
Sample Tag: **01** | Units: **ug/L**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.8	86	118	
1,2-Dichloroethane-d4	96.1	80	120	
Toluene-d8	97.1	88	110	
4-Bromofluorobenzene	96.4	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-07** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **TF-1** | Prep Method: **5030B** | Prep Date: **01/27/2006 16:41**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 16:41**
Collect Date: **01/23/2006 14:30** | Dilution: **1** | File ID: **10M43589**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.5	86	118	
1,2-Dichloroethane-d4	92.9	80	120	
Toluene-d8	96.9	88	110	
4-Bromofluorobenzene	98.4	86	115	

U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-08** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **TF-3** | Prep Method: **5030B** | Prep Date: **02/01/2006 12:49**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/31/2006 19:59**
Workgroup Number: **WG205837** | Analyst: **MES** | Run Date: **02/01/2006 12:49**
Collect Date: **01/23/2006 14:00** | Dilution: **5** | File ID: **10M43651**
Sample Tag: **DL02** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	1.6	J	2.0	0.63
Ethylbenzene	100-41-4	99		25	1.3
Toluene	108-88-3	32		25	1.3
Xylenes (total)	1330-20-7	570		25	2.5

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	89.9	86	118	
1,2-Dichloroethane-d4	88.6	80	120	
Toluene-d8	91.1	88	110	
4-Bromofluorobenzene	94.7	86	115	

J The analyte was positively identified, but the quantitation was below the RL

Report Number: **L0601441**
Report Date : **February 3, 2006**

Sample Number: **L0601441-09** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **LW-50** | Prep Method: **5030B** | Prep Date: **01/27/2006 17:43**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 17:43**
Collect Date: **01/23/2006 12:40** | Dilution: **1** | File ID: **10M43591**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2	0.42		0.40	0.13
Ethylbenzene	100-41-4	1.7	J	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	97.9	86	118	
1,2-Dichloroethane-d4	96.0	80	120	
Toluene-d8	96.9	88	110	
4-Bromofluorobenzene	97.3	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-10** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **DECON** | Prep Method: **5030B** | Prep Date: **01/27/2006 18:15**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 18:15**
Collect Date: **01/23/2006 14:45** | Dilution: **1** | File ID: **10M43592**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3	0.75	J	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	94.8	86	118	
1,2-Dichloroethane-d4	93.6	80	120	
Toluene-d8	97.0	88	110	
4-Bromofluorobenzene	97.1	86	115	

J The analyte was positively identified, but the quantitation was below the RL
U Not detected at or above adjusted sample detection limit

Sample Number: **L0601441-11** | PrePrep Method: **NONE** | Instrument: **HPMS10**
Client ID: **TRIP BLANK** | Prep Method: **5030B** | Prep Date: **01/27/2006 13:02**
Matrix: **Water** | Analytical Method: **8260B** | Cal Date: **01/04/2006 18:06**
Workgroup Number: **WG205541** | Analyst: **CMS** | Run Date: **01/27/2006 13:02**
Collect Date: **01/23/2006 08:00** | Dilution: **1** | File ID: **10M43582**
Sample Tag: **01** | Units: **ug/L**

Analyte	CAS. Number	Result	Qual	RL	MDL
Benzene	71-43-2		U	0.40	0.13
Ethylbenzene	100-41-4		U	5.0	0.25
Toluene	108-88-3		U	5.0	0.25
Xylenes (total)	1330-20-7		U	5.0	0.50

Report Number: **L0601441**
Report Date : **February 3, 2006**

Sample Number: **L0601441-11**
Client ID: **TRIP BLANK**
Matrix: **Water**
Workgroup Number: **WG205541**
Collect Date: **01/23/2006 08:00**
Sample Tag: **01**

PrePrep Method: **NONE**
Prep Method: **5030B**
Analytical Method: **8260B**
Analyst: **CMS**
Dilution: **1**
Units: **ug/L**

Instrument: **HPMS10**
Prep Date: **01/27/2006 13:02**
Cal Date: **01/04/2006 18:06**
Run Date: **01/27/2006 13:02**
File ID: **10M43582**

Surrogate	% Recovery	Lower	Upper	Qual
Dibromofluoromethane	93.7	86	118	
1,2-Dichloroethane-d4	94.5	80	120	
Toluene-d8	97.4	88	110	
4-Bromofluorobenzene	97.8	86	115	

U Not detected at or above adjusted sample detection limit

WORKGROUP SUMMARY BY METHOD

WORKGROUP SUMMARY BY METHOD

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG205541

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0601441-01	MW-12			01/27/06 13:33	01	HPMS10	CMS
L0601441-02	MW-11			01/27/06 14:04	01	HPMS10	CMS
L0601441-03	LW-6			01/27/06 14:36	01	HPMS10	CMS
L0601441-04	LW-5			01/27/06 15:07	01	HPMS10	CMS
L0601441-05	LW-2			01/27/06 15:38	01	HPMS10	CMS
L0601441-06	TF-2			01/27/06 16:09	01	HPMS10	CMS
L0601441-07	TF-1			01/27/06 16:41	01	HPMS10	CMS
L0601441-09	LW-50			01/27/06 17:43	01	HPMS10	CMS
L0601441-10	DECON			01/27/06 18:15	01	HPMS10	CMS
L0601441-11	TRIP BLANK			01/27/06 13:02	01	HPMS10	CMS

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG205541

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0601441-01	MW-12				205541	HPMS10	MES
L0601441-02	MW-11				205541	HPMS10	MES
L0601441-03	LW-6				205541	HPMS10	MES
L0601441-04	LW-5				205541	HPMS10	MES
L0601441-05	LW-2				205541	HPMS10	MES
L0601441-06	TF-2				205541	HPMS10	MES
L0601441-07	TF-1				205541	HPMS10	MES
L0601441-08	TF-3				205541	HPMS10	MES
L0601441-09	LW-50				205541	HPMS10	MES
L0601441-10	DECON				205541	HPMS10	MES
L0601441-11	TRIP BLANK				205541	HPMS10	MES

Analysis: Special List - 8260
Analytical Method: 8260B
Workgroup: WG205837

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0601441-08	TF-3			02/01/06 12:49	DL02	HPMS10	MES

WORKGROUP SUMMARY BY METHOD

Analysis: Special List - 8260
Extraction Method: 5030B
Workgroup: WG205837

Lab ID	Client ID	Tclp Date	Prep Date	Analysis Date	Tag	Inst Id	Analyst
L0601441-08	TF-3				205837	HPMS10	MES

AJF - AMANDA J. FICKIESEN
ALB - ANNIE L. BOCK
ALT - ANN L. THAYER
BRG - BRENDA R. GREGORY
CAF - CHERYL A. FLOWERS
CAK - CHERYL A. KOELSCH
CEB - CHAD E. BARNES
CLC - CHRYS L. CRAWFORD
CLK - CARL L. KING
CLS - CARA L. STRICKLER
CLW - CHARISSA L. WINTERS
CM - CHARLIE MARTIN
CMS - CRYSTAL M. STEPHENS
CPD - CHAD P. DAVIS
CRC - CARLA R. COCHRAN
CSA - LUCINDA S. ARNOLD
CSH - CHRIS S. HILL
DAS - DALLAS A. SULLIVAN
DD - DIANE M. DENNIS
DDE - DEBRA D. ELLIOTT
DEL - DON E. LIGHTFRITZ
DEV - DAVID E. VANDENBERG
DGB - DOUGLAS G. BUTCHER
DIH - DEANNA I. HESSON
DLB - DAVID L. BUMGARNER
DLP - DOROTHY L. PAYNE
DLR - DIANNA L. RAUCH
DOV - DENISE O. VANDENBERG
DR - DEANNA ROBERTS
DRB - DOUG R. BARNETT
DSM - DAVID S. MOSSOR
DST - DENNIS S. TEPE
ECL - ERIC C. LAWSON
ED - EMILY E. DECKER
HAV - HEMA VILASAGAR
JAL - JOHN A. LENT
JKT - JANE K. THOMPSON
JLS - JANICE L. SCHIMMEL
JWR - JOHN W. RICHARDS
JWS - JACK W. SHEAVES
JYH - JI Y. HU
KCZ - KEVIN C. ZUMBRO
KEB - KATHRYN E. BARNES
KHR - KIM H. RHODES
KRA - KATHY R. ALBERTSON
LKN - LINDA K. NEDEFF
LSB - LESLIE S. BUCINA
MAH - MICALYN A. HARRIS
MDA - MIKE D. ALBERTSON
MDC - MICHAEL D. COCHRAN
MES - MARY E. SCHILLING
MKZ - MARILYN K. ZUMBRO
MLR - MARY L. ROCHOTTE
MLS - MICHAEL L. SCHIMMEL
MMB - MAREN M. BEERY
MSW - MATT S. WILSON
NJB - NATALIE J. BOOTH
OGT - OKEY G. TUCKER
PAS - PATRICK A. STREET
PJM - PAUL J. MILLER
RB - ROBERT BUCHANAN
RDC - REBECCA D. CUTLIP
REK - ROBERT E. KYER
RWC - RODNEY W. CAMPBELL
SCM - SUSAN C. MOELLENDICK
SLM - STEPHANIE L. MOSSBURG
SLP - SHERI L. PFALZGRAF
SMH - SHAUNA M. HYDE
TMB - TIFFANY M. BAILEY
TMM - TAMMY M. MORRIS
VC - VICKI COLLIER
VKL - VICKY K. LAUER
WFM - WALTER F. MARTIN

KEMRON Environmental Services

List of Valid Qualifiers

February 03, 2006

Qualkey: STD

Qualifier	Description
*	Surrogate or spike compound out of range
+	Correlation coefficient for the MSA is less than 0.995
<	Result is less than the associated numerical value.
>	Result is greater than the associated numerical value.
A	See the report narrative
B	Analyte present in method blank
C	Confirmed by GC/MS
CG	Confluent growth
DL	Surrogate or spike compound was diluted out
E	Estimated concentration due to sample matrix interference
EDL	Elevated sample reporting limits, presence of non-target analytes
EMPC	Estimated Maximum Possible Concentration
FL	Free Liquid
I	Semiquantitative result (out of instrument calibration range)
J	The analyte was positively identified, but the quantitation was below the RL
J,B	Analyte detected in both the method blank and sample above the MDL.
J,P	ESTIMATE & COLUMNS DON'T AGREE TO WITHIN 40%
L	Sample reporting limits elevated due to matrix interference
M	Matrix effect; the concentration is an estimate due to matrix effect.
N	Tentatively identified compound(TIC)
NA	Not applicable
ND	Not detected at or above the reporting limit
NF	Not found by library search
NFL	No free liquid
NI	Non-ignitable
NR	Analyte is not required to be analyzed
NS	Not spiked
P	Concentrations >40% difference between the two GC columns
Q	One or more quality control criteria fail. See narrative.
QNS	Quantity of sample not sufficient to perform analysis
RA	Reanalysis confirms reported results
RE	Reanalysis confirms sample matrix interference
S	Analyzed by method of standard addition
SMI	Sample matrix interference on surrogate
SP	Reported results are for spike compounds only
TIC	Library Search Compound
TNTC	Too numerous to count
U	Undetected; the concentration is below the reported MDL.
UJ	Undetected; the MDL and RL are estimated due to quality control discrepancies.
W	Post-digestion spike for furnace AA out of control limits
X	Exceeds regulatory limit
Z	Cannot be resolved from isomer - see below

*****Special Notes for Organic Analytes**

1. Acrolein and acrylonitrile by method 624 are semi-quantitative screens only.
2. 1,2-Diphenylhydrazine is unstable and is reported as azobenzene.
3. N-nitrosodiphenylamine cannot be separated from diphenylamine.
4. 3-Methylphenol and 4-Methylphenol are unresolvable compounds.
5. m-Xylene and p-Xylene are unresolvable compounds.
6. The reporting limits for Appendix II/IX compounds by method 8270 are based on EPA estimated PQLs referenced in 40 CFR Part 264, Appendix IX. They are not always achievable for every compound an are matrix dependent.

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number: L0601441 **Work Group:** WG205541
Blank File ID: 10M43575 **Blank Sample ID:** WG205541-01
Date Analyzed: 01/27/06 **Instrument ID:** HPMS10
Time Analyzed: 09:23 **Method:** 8260B
Analyst: CMS

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG205541-02	10M43576	01/27/06 09:54	01
LCS2	WG205541-03	10M43577	01/27/06 10:25	01
TRIP BLANK	L0601441-11	10M43582	01/27/06 13:02	01
MW-12	L0601441-01	10M43583	01/27/06 13:33	01
MW-11	L0601441-02	10M43584	01/27/06 14:04	01
LW-6	L0601441-03	10M43585	01/27/06 14:36	01
LW-5	L0601441-04	10M43586	01/27/06 15:07	01
LW-2	L0601441-05	10M43587	01/27/06 15:38	01
TF-2	L0601441-06	10M43588	01/27/06 16:09	01
TF-1	L0601441-07	10M43589	01/27/06 16:41	01
LW-50	L0601441-09	10M43591	01/27/06 17:43	01
DECON	L0601441-10	10M43592	01/27/06 18:15	01
BLANK2	WG205541-04	10M43598	01/27/06 21:23	01

KEMRON Environmental Services
METHOD BLANK SUMMARY

Login Number:	L0601441	**Work Group:**	WG205837
Blank File ID:	10M43647	**Blank Sample ID:**	WG205837-01
Date Analyzed:	02/01/06	**Instrument ID:**	HPMS10
Time Analyzed:	10:45	**Method:**	8260B
Analyst:	MES		

This Method Blank Applies To The Following Samples:

Client ID	Lab Sample ID	Lab File ID	Time Analyzed	TAG
LCS	WG205837-02	10M43648	02/01/06 11:16	01
TF-3	L0601441-08	10M43651	02/01/06 12:49	DL02
FBLK	WG205837-06	10M43657	02/01/06 15:57	01
BLANK2	WG205837-07	10M43669	02/01/06 22:13	01

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0601441	Run Date:	01/27/2006	Sample ID:	WG205541-01
Instrument ID:	HPMS10	Run Time:	09:23	Prep Method:	5030B
File ID:	10M43575	Analyst:	CMS	Method:	8260B
Workgroup (AAB#):	WG205541	Matrix:	Water	Units:	ug/L
Contract #:		Cal ID:	HPMS10-04-JAN-06		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	0.40	0.125	1	U
Ethylbenzene	0.250	5.0	0.250	1	U
Toluene	0.250	5.0	0.250	1	U
Xylenes	0.500	5.0	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	93.9	86	-	118	PASS
1,2-Dichloroethane-d4	93.1	80	-	120	PASS
Toluene-d8	97.0	88	-	110	PASS
p-Bromofluorobenzene	96.7	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 408640
Report generated 02/03/2006 11:06

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0601441	**Run Date:**	01/27/2006	**Sample ID:**	WG205541-04
Instrument ID:	HPMS10	**Run Time:**	21:23	**Prep Method:**	5030B
File ID:	10M43598	**Analyst:**	CMS	**Method:**	8260B
Workgroup (AAB#):	WG205541	**Matrix:**	Water	**Units:**	ug/L
Contract #:		**Cal ID:**	HPMS10-04-JAN-06		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	0.40	0.125	1	U
Ethylbenzene	0.250	5.0	0.250	1	U
Toluene	0.250	5.0	0.250	1	U
Xylenes	0.500	5.0	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	93.7	86	-	118	PASS
1,2-Dichloroethane-d4	93.0	80	-	120	PASS
Toluene-d8	97.5	88	-	110	PASS
p-Bromofluorobenzene	97.9	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 408640
Report generated 02/03/2006 11:06

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0601441	Run Date:	02/01/2006	Sample ID:	WG205837-01
Instrument ID:	HPMS10	Run Time:	10:45	Prep Method:	5030B
File ID:	10M43647	Analyst:	MES	Method:	8260B
Workgroup (AAB#):	WG205837	Matrix:	Water	Units:	ug/L
Contract #:		Cal ID:	HPMS10-31-JAN-06		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	0.40	0.125	1	U
Ethylbenzene	0.250	5.0	0.250	1	U
Toluene	0.250	5.0	0.250	1	U
Xylenes	0.500	5.0	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	88.1	86	-	118	PASS
1,2-Dichloroethane-d4	88.8	80	-	120	PASS
Toluene-d8	89.3	88	-	110	PASS
p-Bromofluorobenzene	93.0	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 408640
Report generated 02/03/2006 11:06

KEMRON Environmental Services

METHOD BLANK REPORT

Login Number:	L0601441	**Run Date:**	02/01/2006	**Sample ID:**	WG205837-07
Instrument ID:	HPMS10	**Run Time:**	22:13	**Prep Method:**	5030B
File ID:	10M43669	**Analyst:**	MES	**Method:**	8260B
Workgroup (AAB#):	WG205837	**Matrix:**	Water	**Units:**	ug/L
Contract #:		**Cal ID:**	HPMS10-31-JAN-06		

Analytes	MDL	RL	Concentration	Dilution	Qualifier
Benzene	0.125	0.40	0.125	1	U
Ethylbenzene	0.250	5.0	0.250	1	U
Toluene	0.250	5.0	0.250	1	U
Xylenes	0.500	5.0	0.500	1	U

Surrogates	% Recovery	Surrogate Limits			Qualifier
Dibromofluoromethane	93.2	86	-	118	PASS
1,2-Dichloroethane-d4	97.3	80	-	120	PASS
Toluene-d8	89.1	88	-	110	PASS
p-Bromofluorobenzene	97.4	86	-	115	PASS

MDL Method Detection Limit
RL Reporting/quantitation Limit
* Analyte concentration > RL
ND Analyte Not detected at or above reporting limit

KEMRON FORMS - Modified 05/17/2005
Version 1.5 PDF File ID: 408640
Report generated 02/03/2006 11:06

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number: L0601441	Run Date: 01/27/2006	Sample ID: WG205541-02
Instrument ID: HPMS10	Run Time: 09:54	Prep Method: 5030B
File ID: 10M43576	Analyst: CMS	Method: 8260B
Workgroup (AAB#): WG205541	Matrix: Water	Units: ug/L
Contract #:	Cal ID: HPMS10-04-JAN-06	

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	22.5	112	80 - 121	
Ethylbenzene	20.0	24.0	120	80 - 122	
Toluene	20.0	23.4	117	80 - 124	
Xylenes	60.0	70.9	118	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	96.2	86 - 118	PASS
1,2-Dichloroethane-d4	94.5	80 - 120	PASS
Toluene-d8	96.2	88 - 110	PASS
p-Bromofluorobenzene	96.5	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 11/02/2005
Version 1.5 PDF File ID: 408095
Report generated 02/03/2006 11:06

KEMRON Environmental Services

LABORATORY CONTROL SAMPLE

Login Number: L0601441 Run Date: 02/01/2006 Sample ID: WG205837-02
Instrument ID: HPMS10 Run Time: 11:16 Prep Method: 5030B
File ID: 10M43648 Analyst: MES Method: 8260B
Workgroup (AAB#): WG205837 Matrix: Water Units: ug/L
Contract #: Cal ID: HPMS10-31-JAN-06

Analytes	Expected	Found	% Rec	LCS Limits	Q
Benzene	20.0	21.8	109	80 - 121	
Ethylbenzene	20.0	22.2	111	80 - 122	
Toluene	20.0	21.6	108	80 - 124	
Xylenes	60.0	65.0	108	80 - 121	

Surrogates	% Recovery	Surrogate Limits	Qualifier
Dibromofluoromethane	92.0	86 - 118	PASS
1,2-Dichloroethane-d4	89.6	80 - 120	PASS
Toluene-d8	89.5	88 - 110	PASS
p-Bromofluorobenzene	94.9	86 - 115	PASS

* FAILS %REC LIMIT

KEMRON FORMS - Modified 11/02/2005
Version 1.5 PDF File ID: 408095
Report generated 02/03/2006 11:06

KEMRON Environmental Services

LABORATORY CONTROL SAMPLES

Login Number: L0601441 Analyst: CMS Prep Method: 5030B
Instrument ID: HPMS10 Matrix: Water Method: 8260B
Workgroup (AAB#): WG205541 Units: ug/L
Sample ID: WG205541-02 LCS File ID: 10M43576 Run Date: 01/27/2006 09:54
Sample ID: WG205541-03 LCS2 File ID: 10M43577 Run Date: 01/27/2006 10:25

Analytes	LCS			LCS2			%RPD	%Rec Limits	RPD Lmt	Q
	Known	Found	% REC	Known	Found	% REC				
Benzene	20.0	22.5	112	20.0	21.3	107	5.32	80 - 121	20	
Ethylbenzene	20.0	24.0	120	20.0	22.8	114	5.01	80 - 122	20	
Toluene	20.0	23.4	117	20.0	22.5	112	4.12	80 - 124	20	
Xylenes	60.0	70.9	118	60.0	68.4	114	3.66	80 - 121	20	

Surogates	LCS	LCS2	Surrogate Limits	Qualifier
	% Recovery	% Recovery		
Dibromofluoromethane	96.2	95.4	86 - 118	PASS
1,2-Dichloroethane-d4	94.5	95.5	80 - 120	PASS
Toluene-d8	96.2	97.0	88 - 110	PASS
p-Bromofluorobenzene	96.5	97.2	86 - 115	PASS

* FAILS %REC LIMIT

\# FAILS RPD LIMIT

KEMRON FORMS - Modified 01/03/2005
Version 1.5 PDF File ID: 405306
Report generated 02/03/2006 11:06

COC No. A 58314

156 Starlite Drive
Marietta, OH 45750

KEMRON
ENVIRONMENTAL SERVICES

CHAIN-OF-CUSTODY RECORD

Phone: 740-373-4071
Fax: 740-373-4835

Company Name: SHAW ENVIRONMENTAL

Project Contact: PAUL LAMBERT
Contact Phone #: 618-248-1010

Turn Around Requirements:
Location: Oak Creek, WI

Project #: 826003
Project Name:

Sampler (print): Chuck Zimny
Signature:

Program: ☐ NPDES ☐ AFCEE ☐ RCRA ☐ USAGE ☐ Other

Sample I.D. No.	Comp*	Grab	Date	Time	Protocol CWA	Protocol SW846	NUMBER OF CONTAINERS	Hold	826 BETX	ADDITIONAL REQUIREMENTS
MW-12		✓	1-23-06	11:15			2		✓	
MW-11		✓		11:45			2		✓	
LW-6		✓		12:15			2		✓	
LW-5		✓		12:30			2		✓	
LW-2		✓		13:15			2		✓	
TF-2		✓		13:45			2		✓	
TF-1		✓		14:30			2		✓	
TF-3		✓		14:00			2		✓	
LW-50		✓		12:40			2		✓	
DECON		✓		14:45			2		✓	
TRIP BLANK		✓	↓	8:00			2		✓	

Relinquished by: (Signature)	Date	Time	Received by: (Signature)	Relinquished by: (Signature)	Date	Time	Received by: (Signature)
	1-24-06	8:00					

Relinquished by: (Signature)	Date	Time	Received for Laboratory by: (Signature)	Date	Time	Cooler Temp in °C	Remarks:
			Cara Strickler	1/25/06	0950	2°	QC sealed, S×S intact QAP

*Homogenize all composite samples prior to analysis

Page _____ of _____

SAMPLE RECEIPT FORM

156 STARLITE DRIVE
MARIETTA, OH
45750
(740) 373-4071

Date: 1/25/06 Client: Shaw - Oak Creek

Shipped By: ( ) Fed-Ex (✓) UPS ( ) DHL ( ) KEMRON ( ) Client ( ) Other 0950 B13601

Opened By: CMD

Logged By: CMD Login # L06 1-441

IR Temp Gun: ( ) D (✓) F

COOLER INFORMATION

Number	Cooler ID	Temp °C	Airbill#	COC#	Other
1	350	2	1Z6V45690193411828	58314	
2					
3					
4					
5					
6					

Were all coolers sealed?	(Y)	N	N/A
Were custody seals used on all coolers?	(Y)	N	N/A
Were custody seals intact?	(Y)	N	N/A
Was visible ice present?	(Y)	N	N/A
Were all coolers in the temperature range of 2-6C? (>6C*)	(Y)	N	N/A
Were the samples frozen?*	Y	(N)	N/A
Were COC papers provided?	(Y)	N	N/A
Were all sample containers intact?*	(Y)	N	N/A
Were all sample labels intact?	(Y)	N	N/A
Were all sample labels legible?*	(Y)	N	N/A
Did all sample labels match the COC?*	(Y)	N	N/A
Was the label information complete?*	(Y)	N	N/A
Were the correct containers used?*	(Y)	N	N/A
Were the correct preservatives added to water samples?*	Y	N	(N/A)
Was the pH tested on preserved water samples?	Y	N	(N/A)
Were pH ranges acceptable?*	Y	N	(N/A)
Was sufficient amount of sample provided?*	(Y)	N	N/A
Were bubbles present in VOA samples?*	Y	(N)	N/A
Were COC's signed and dated?	(Y)	N	N/A
Did samples arrive before hold time expired?*	(Y)	N	N/A
Are discrepancy forms attached?	Y	N	(N/A)

**Requires a discrepancy form*

Comments:_____

CRF #1
Revised 8/22/03