

#56

1,1,2-Trichloroethane

Concen: 0.31 PPB

RT: 13.10 min Scan# 1961

Delta R.T. 0.27 min

Lab File: CI0583.D

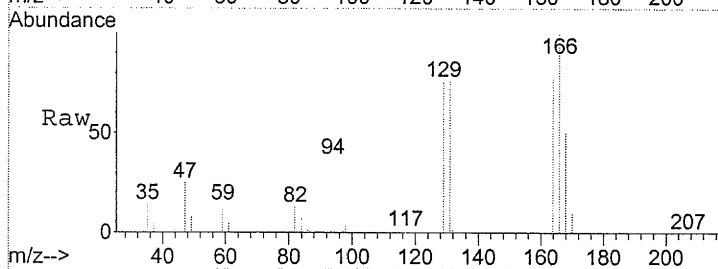
Acq: 26 Sep 2005 6:59

Tgt Ion: 97 Resp: 61910

Ion Ratio Lower Upper

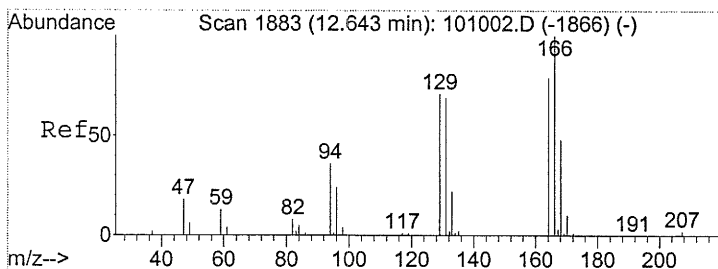
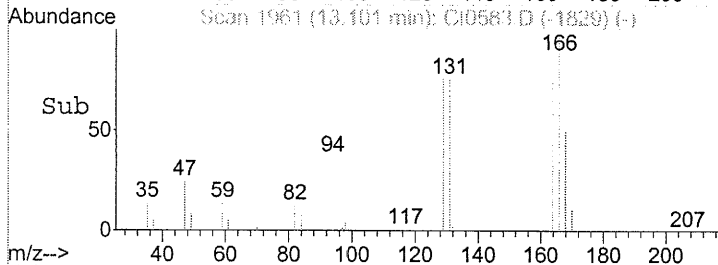
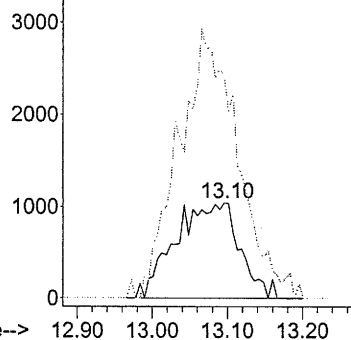
97 100

83 0.0 62.1 93.1#



Abundance Ion 97.00 (96.70 to 97.70): ClO

Ion 83.00 (82.70 to 83.70): ClO



#57

Tetrachloroethene

Concen: 32.29 PPB

RT: 13.08 min Scan# 1957

Delta R.T. 0.03 min

Lab File: CI0583.D

Acq: 26 Sep 2005 6:59

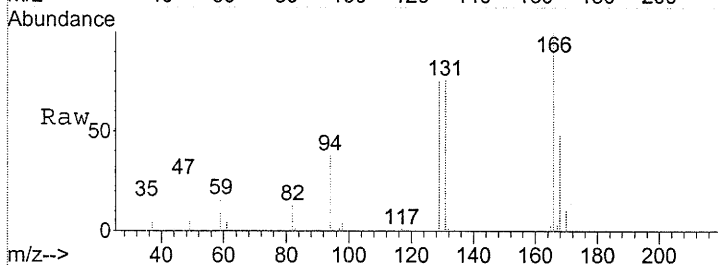
Tgt Ion: 166 Resp: 10770608

Ion Ratio Lower Upper

166 100

164 79.8 63.2 94.8

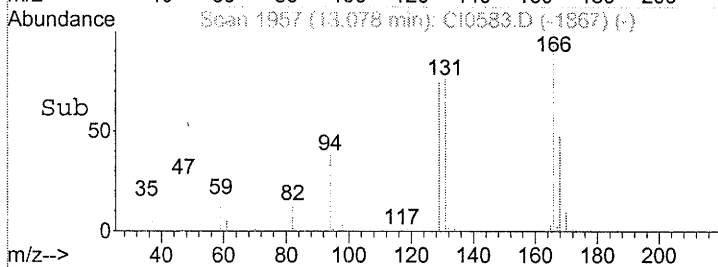
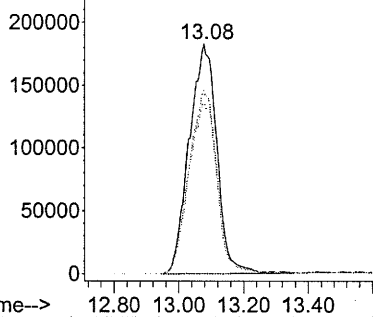
131 75.0 59.0 88.4



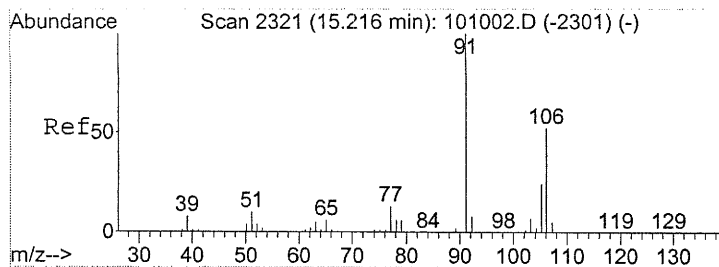
Abundance Ion 166.00 (165.70 to 166.70): C

Ion 164.00 (163.70 to 164.70): C

Ion 131.00 (130.70 to 131.70): C

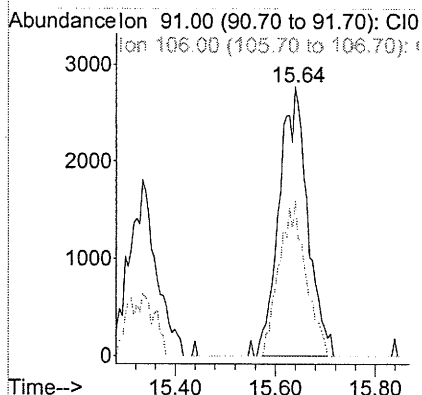
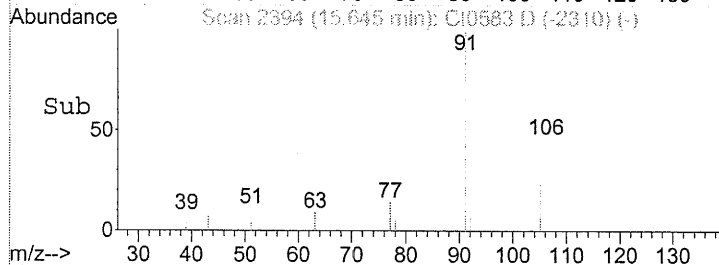
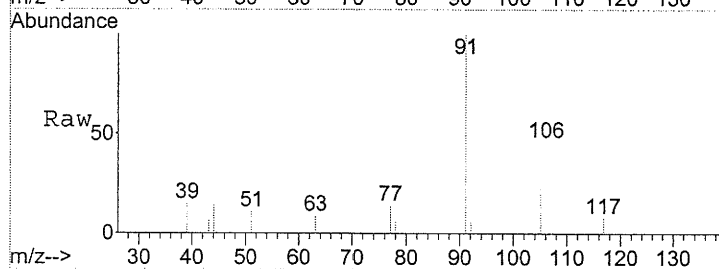


0200



#64
 m/p-Xylene
 Concen: 0.33 PPB
 RT: 15.64 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: CI0583.D
 Acq: 26 Sep 2005 6:59

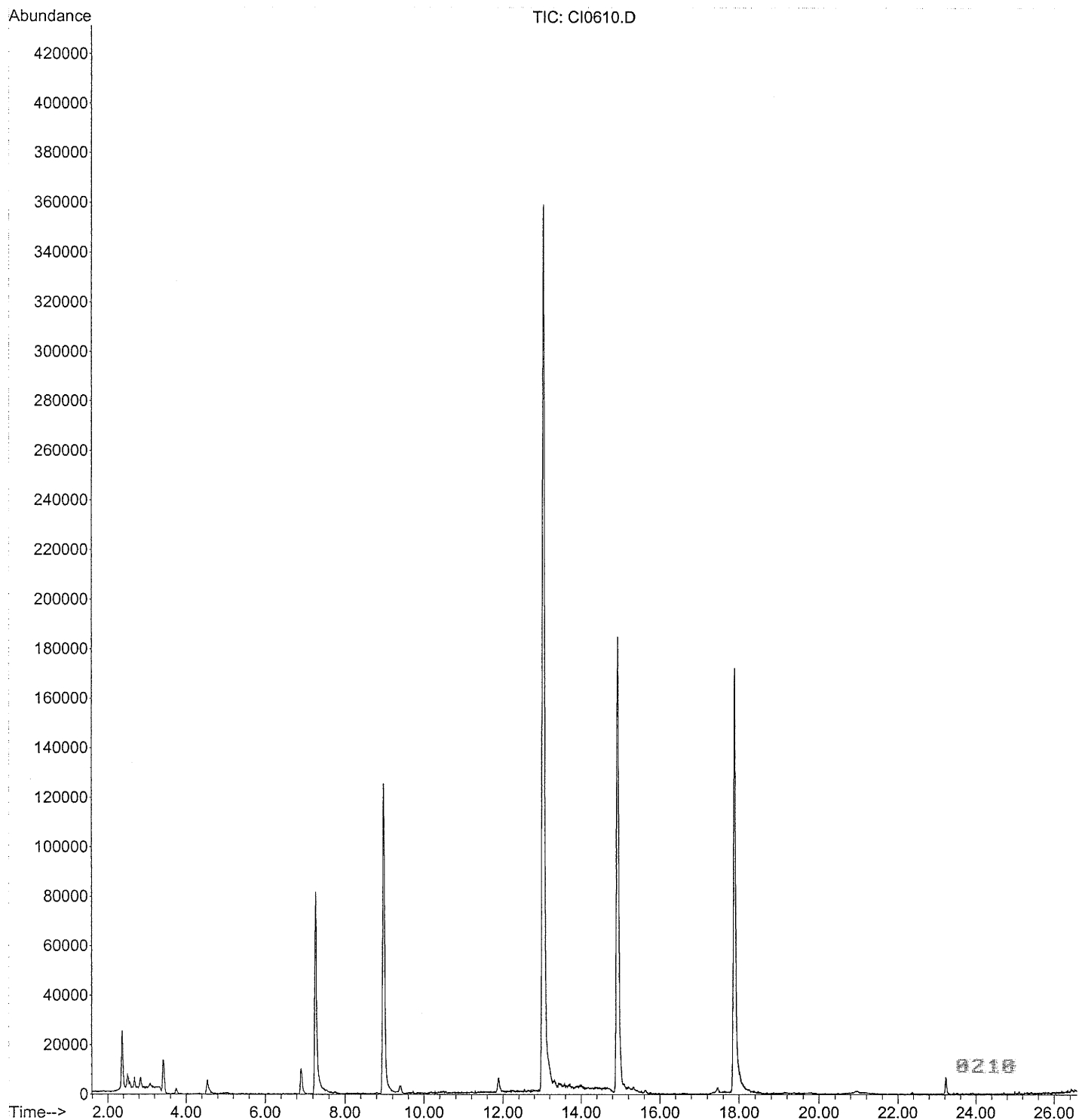
Tgt Ion: 91 Resp: 111286
 Ion Ratio Lower Upper
 91 100
 106 53.3 43.1 64.7



8289

Data Path : C:\MSDCHEM\1\DATA\SEP26\
Data File : CI0610.D
Acq On : 26 Sep 2005 19:44
Operator : RDG
Sample : 4600663 25CC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 21:55:45 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Tue Sep 27 08:40:06 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP26\
 Data File : CI0610.D
 Acq On : 26 Sep 2005 19:44
 Operator : RDG
 Sample : 4600663 25CC
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 21:55:45 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Tue Sep 27 08:40:06 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	552263	10.000		-0.02
37) 1,4-Difluorobenzene	8.98	114	2095655	10.000		-0.05
51) Chlorobenzene d5	14.93	117	2697452	10.000		-0.05

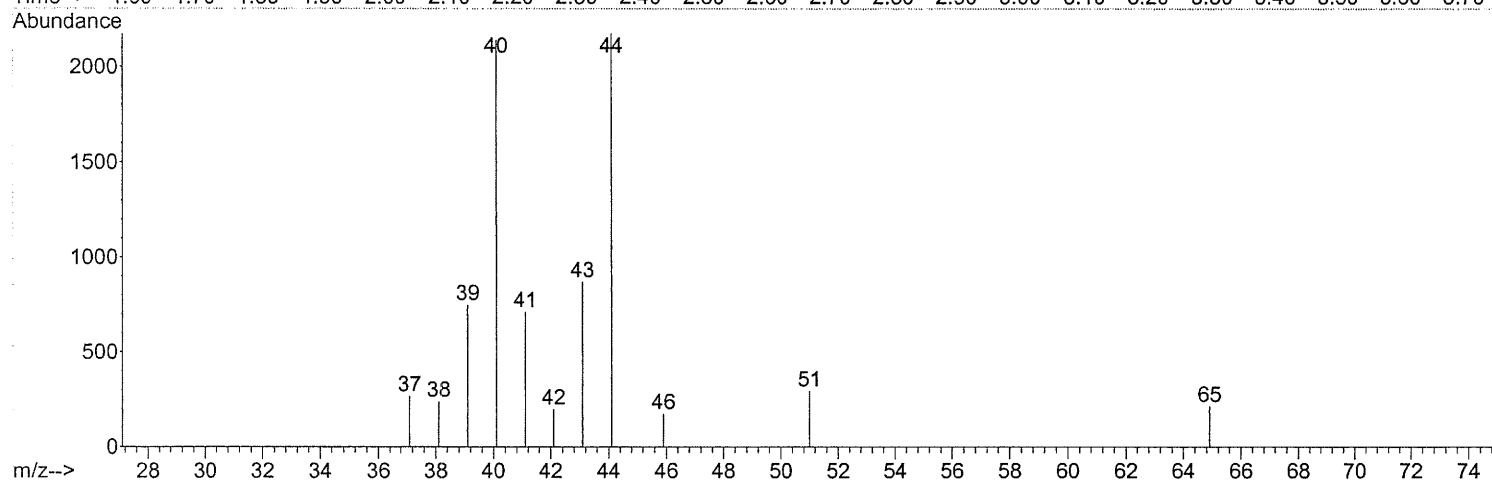
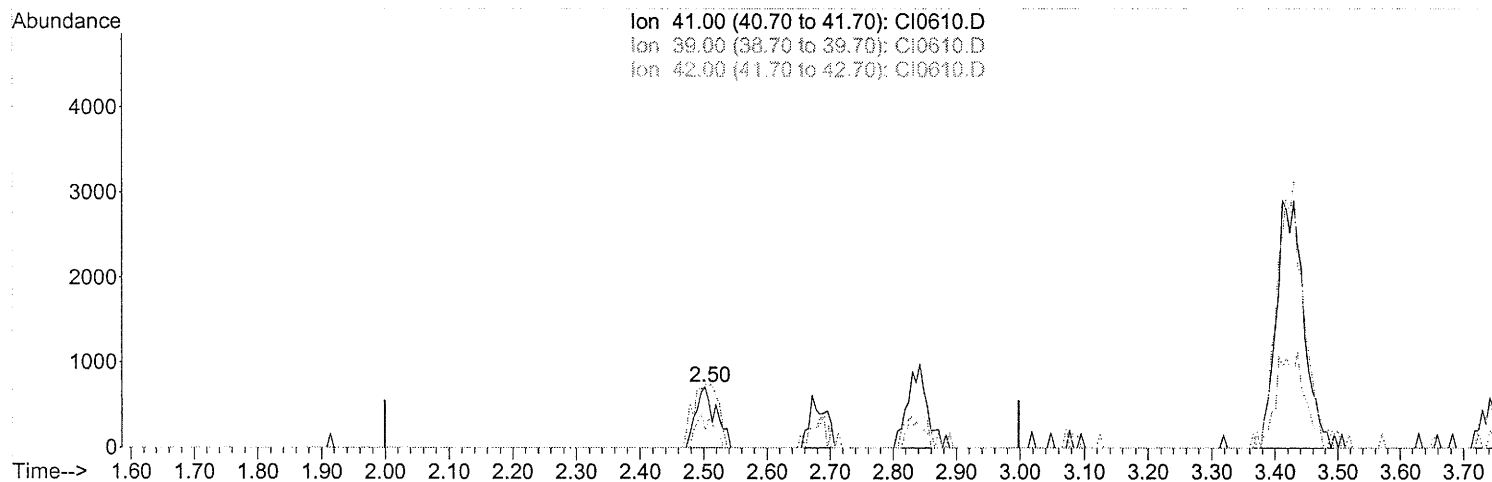
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	2.50	41	15697m	0.386	PPB	
4) Chlorodifluoromethane	2.56	51	51966	0.623	PPB	# 67
7) Vinyl Chloride	2.85	62	9680m	0.213	PPB	
13) Pentane	3.75	43	28793m	0.291	PPB	
17) Acetone	4.54	43	155117m	2.039	PPB	
30) cis-1,2-Dichloroethene	6.92	61	102229	1.658	PPB	89
52) Toluene	11.90	91	104359	0.256	PPB	92
57) Tetrachloroethene	13.04	166	2504830	9.474	PPB	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0211

Data Path : C:\MSDCHEM\1\DATA\SEP26\
Data File : CI0610.D
Acq On : 26 Sep 2005 19:44
Operator : RDG
Sample : 4600663 25CC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 08:57:20 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Tue Sep 27 08:40:06 2005
Response via : Initial Calibration



TIC: CI0610.D

(2) Propene

2.502min (+0.003) 0.39PPB m

response 15697

Ion	Exp%	Act%
41.00	100	100
39.00	76.10	0.00#
42.00	66.60	0.00#
0.00	0.00	0.00

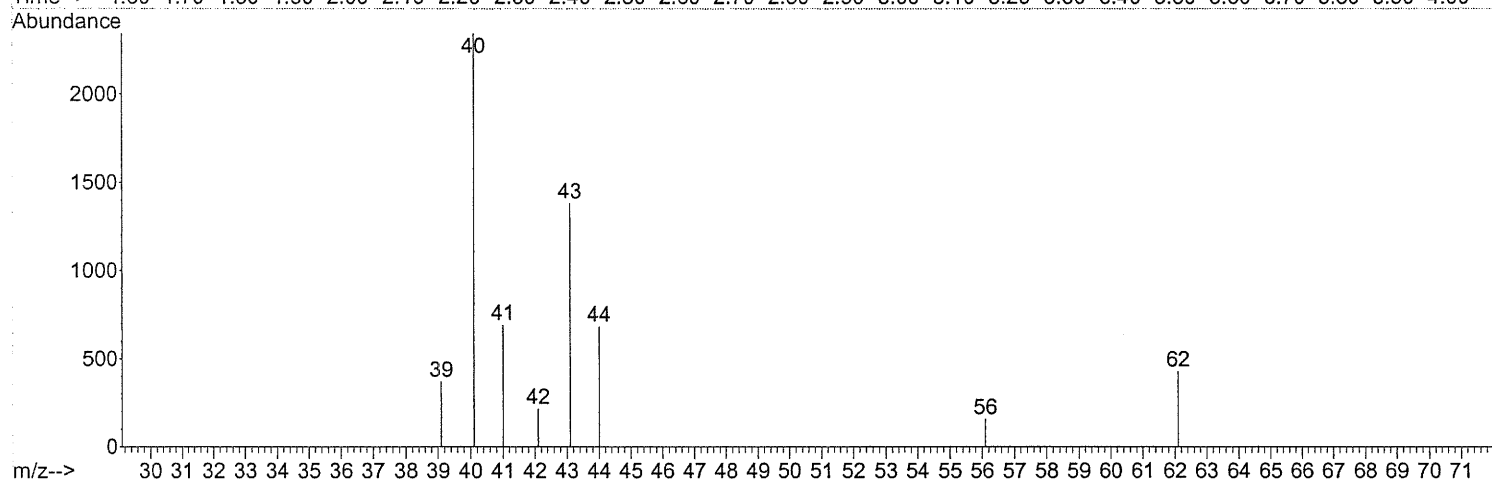
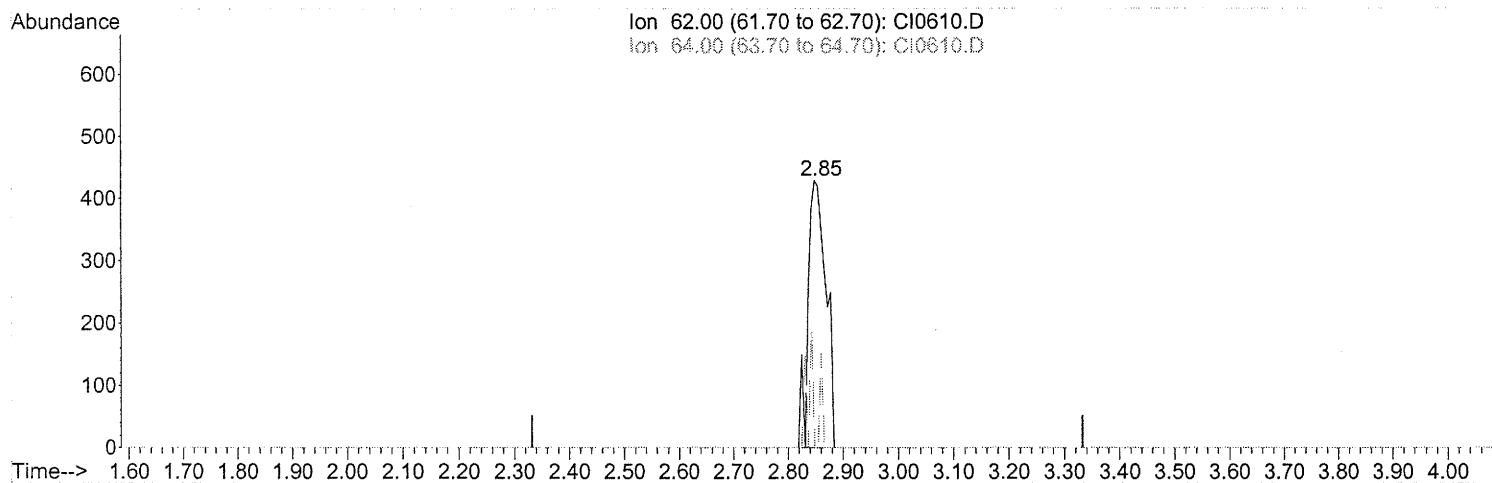
split peak
noted
8/22/05

from 73
9/29/06

0212

Data Path : C:\MSDCHEM\1\DATA\SEP26\
Data File : CI0610.D
Acq On : 26 Sep 2005 19:44
Operator : RDG
Sample : 4600663 25CC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 08:57:20 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Tue Sep 27 08:40:06 2005
Response via : Initial Calibration



TIC: CI0610.D

(7) Vinyl Chloride

2.848min (+0.016) 0.21PPB m

response 9680

Ion	Exp%	Act%
62.00	100	100
64.00	29.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

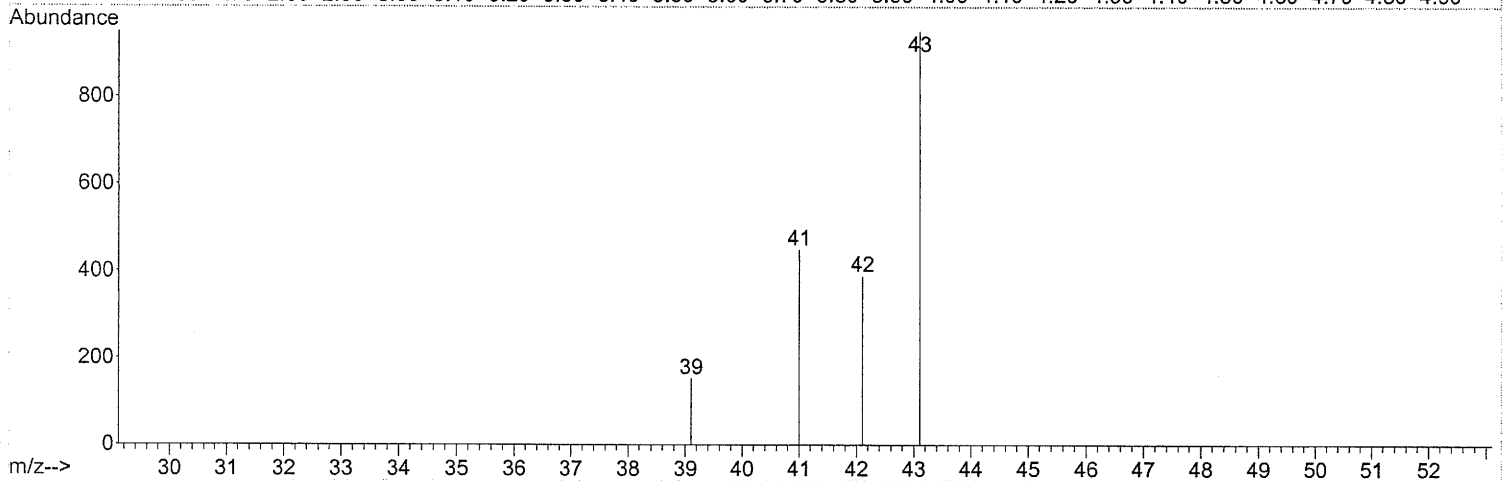
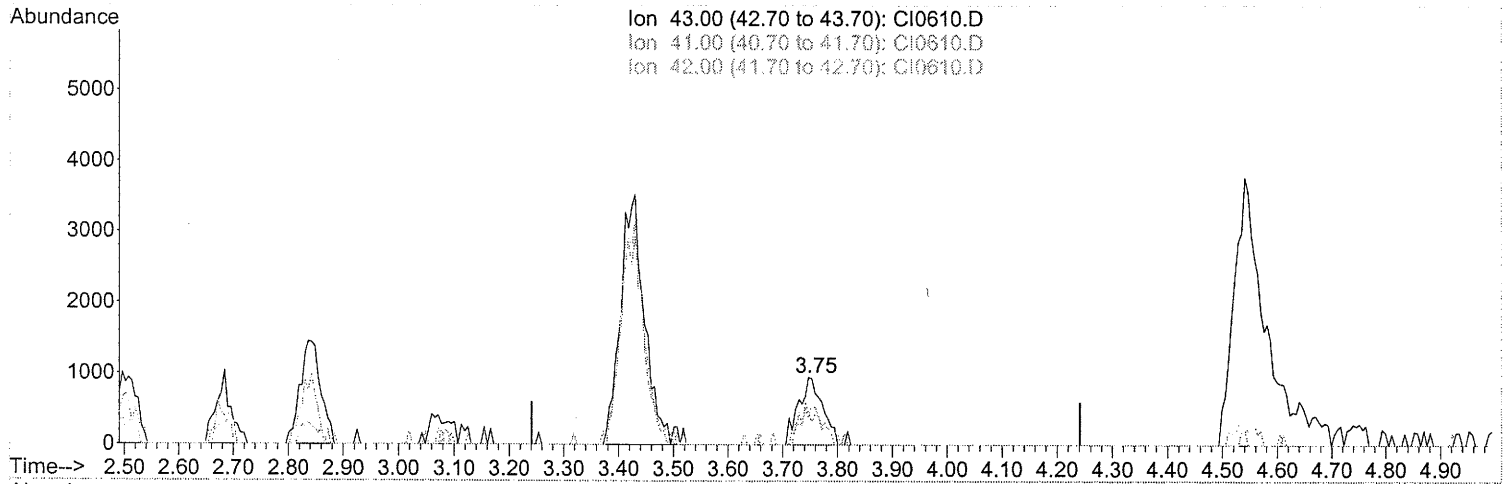
split peak
100%
9/27/05

Ann n3
9/27/05

0213

Data Path : C:\MSDCHEM\1\DATA\SEP26\
Data File : CI0610.D
Acq On : 26 Sep 2005 19:44
Operator : RDG
Sample : 4600663 25CC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 08:57:20 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Tue Sep 27 08:40:06 2005
Response via : Initial Calibration



TIC: CI0610.D

(13) Pentane

3.747min (+0.006) 0.29PPB m

response 28793

Ion	Exp%	Act%
43.00	100	100
41.00	52.50	0.00#
42.00	58.70	0.00#
0.00	0.00	0.00

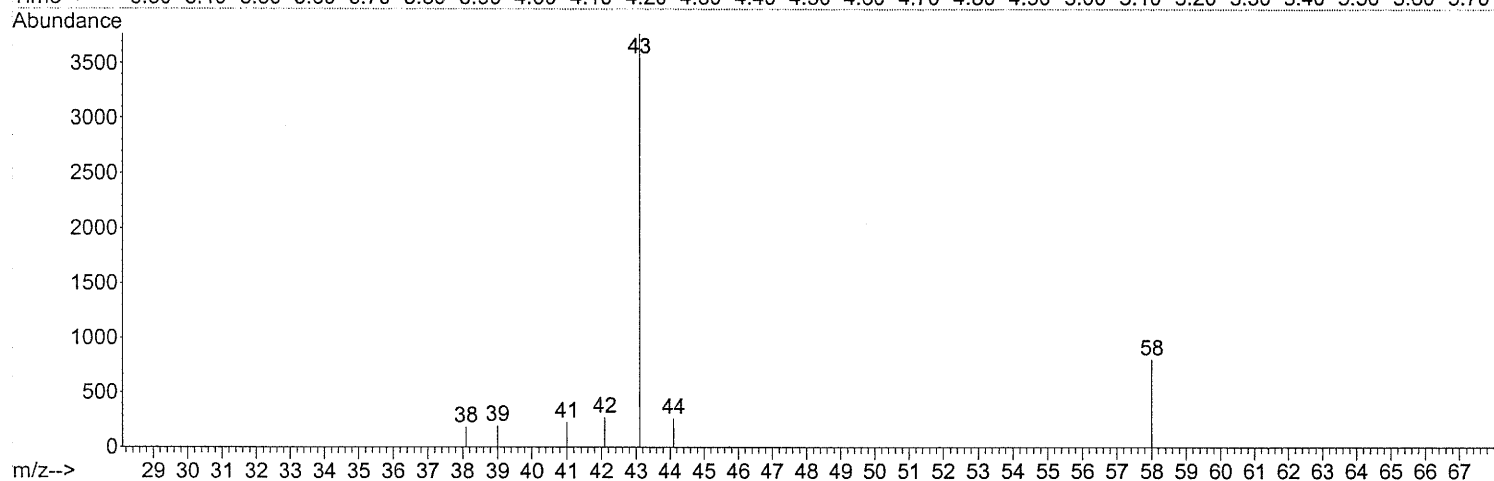
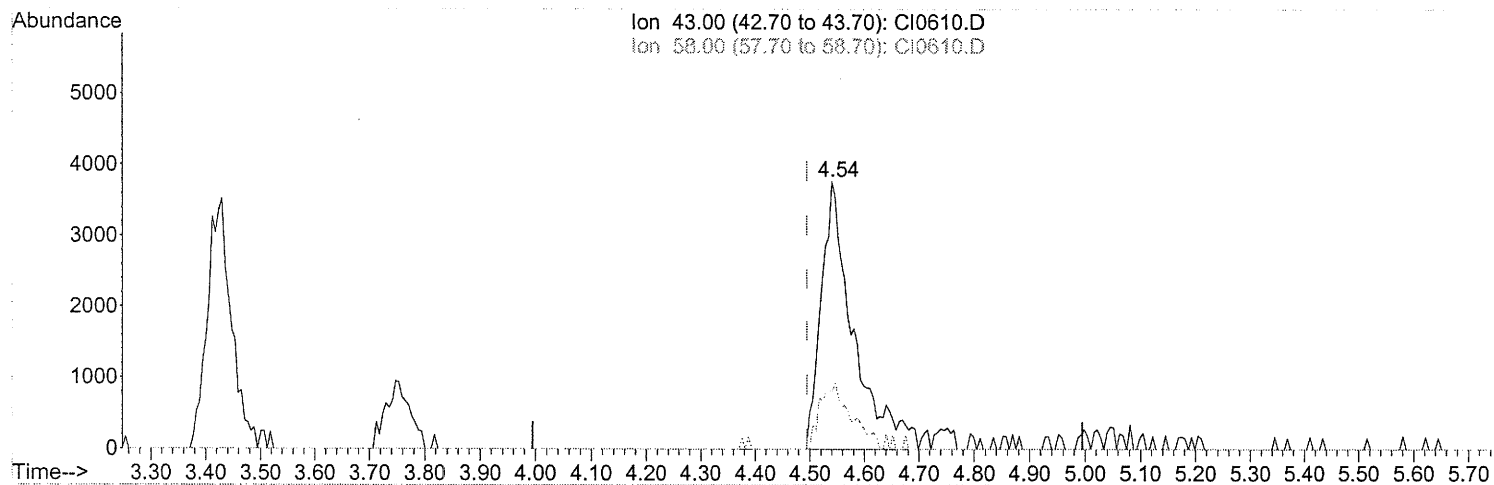
split peak
12614
9/27/05

from MS
9/29/05

0214

Data Path : C:\MSDCHEM\1\DATA\SEP26\
Data File : CI0610.D
Acq On : 26 Sep 2005 19:44
Operator : RDG
Sample : 4600663 25CC
Misc :
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Sep 27 08:57:20 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Tue Sep 27 08:40:06 2005
Response via : Initial Calibration



TIC: CI0610.D

(17) Acetone

4.540min (+0.045) 2.04PPB m

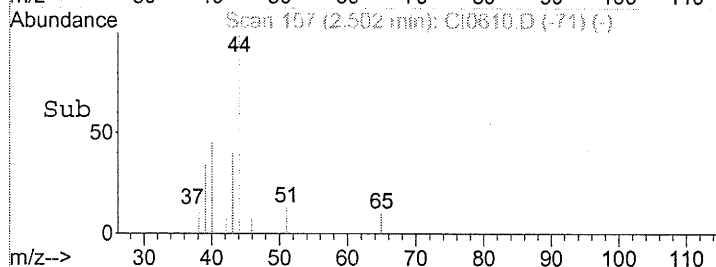
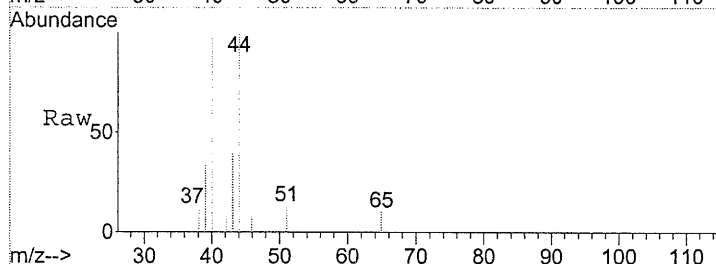
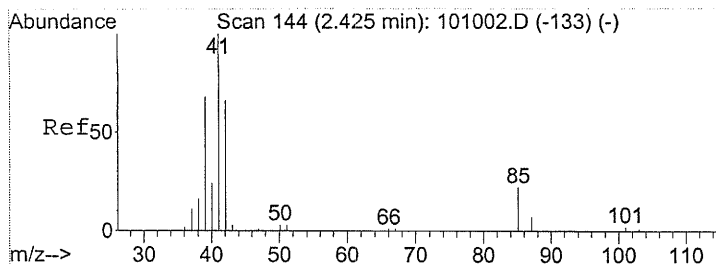
response 155117

Ion	Exp%	Act%
43.00	100	100
58.00	28.20	23.74
0.00	0.00	0.00
0.00	0.00	0.00

split peak
RDG
9/27/05

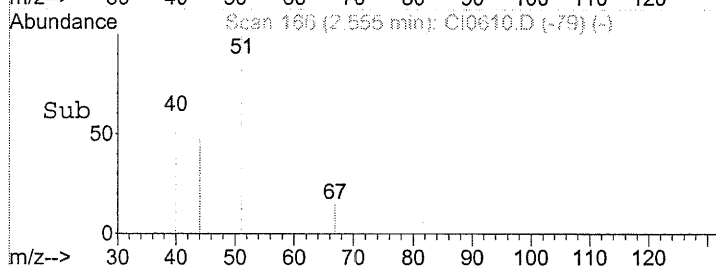
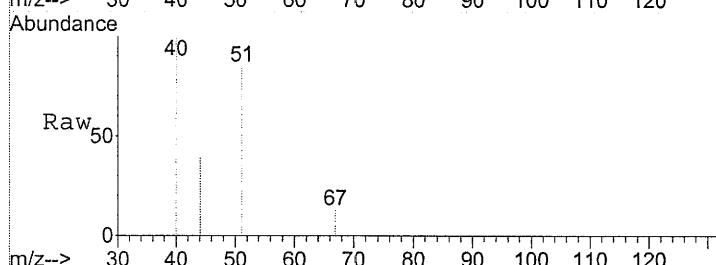
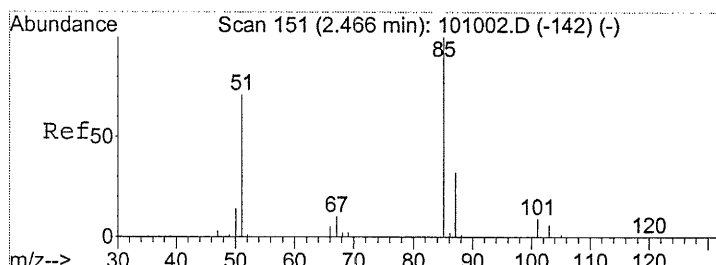
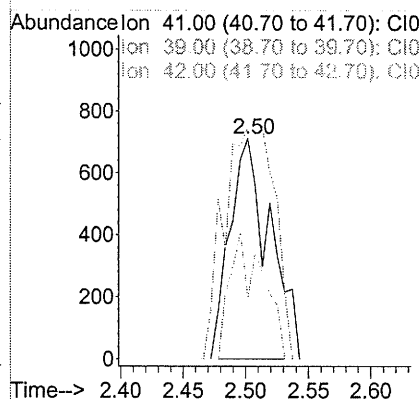
from m3
9/29/05

0215



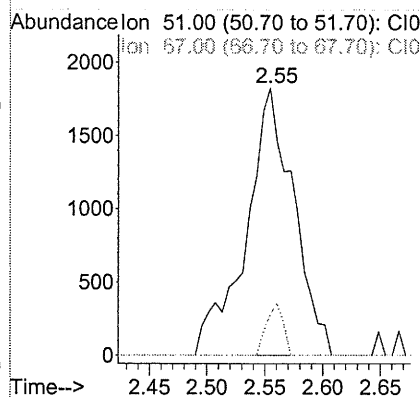
#2
Propene
Concen: 0.39 PPB m
RT: 2.50 min Scan# 157
Delta R.T. 0.00 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 41 Resp: 15697
Ion Ratio Lower Upper
41 100
39 0.0 60.9 91.3#
42 0.0 53.3 79.9#

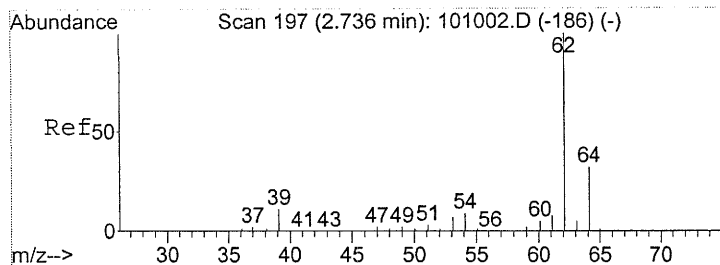


#4
Chlorodifluoromethane
Concen: 0.62 PPB
RT: 2.56 min Scan# 166
Delta R.T. 0.01 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 51 Resp: 51966
Ion Ratio Lower Upper
51 100
67 0.0 10.5 15.7#

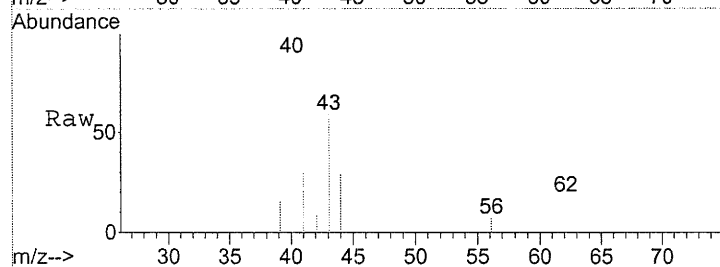


8216

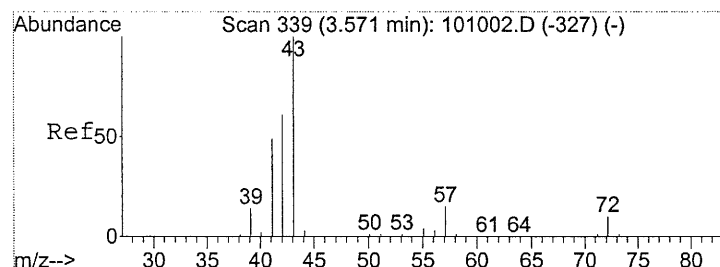
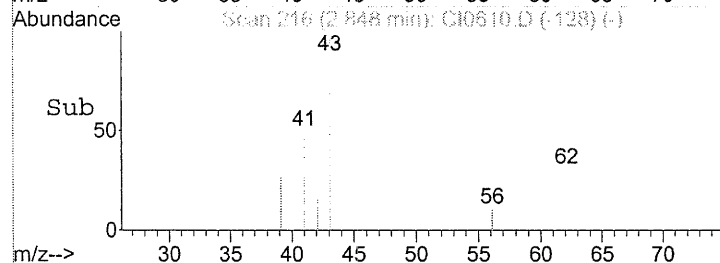
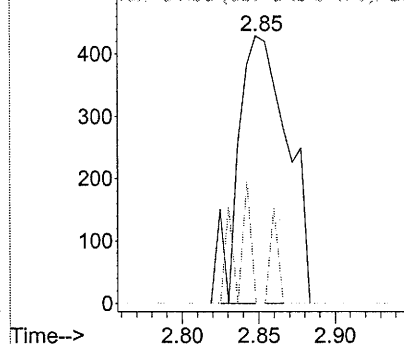


#7
 Vinyl Chloride
 Concen: 0.21 PPB m
 RT: 2.85 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: CI0610.D
 Acq: 26 Sep 2005 19:44

Tgt Ion: 62 Resp: 9680
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.8 35.6#

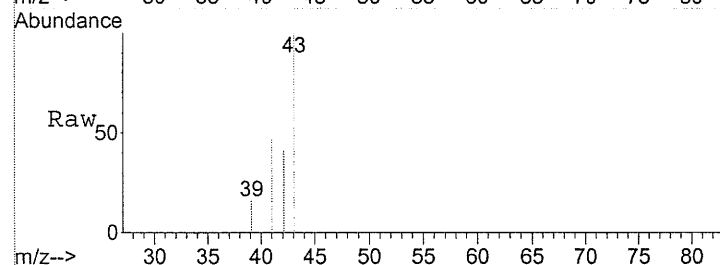


Abundance Ion 62.00 (61.70 to 62.70): ClO
 Ion 64.00 (63.70 to 64.70): ClO

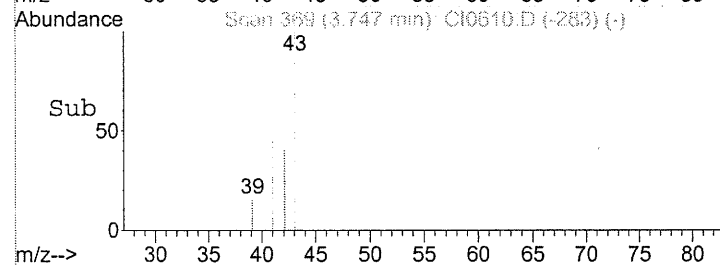
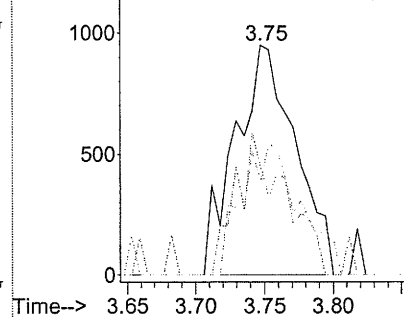


#13
 Pentane
 Concen: 0.29 PPB m
 RT: 3.75 min Scan# 369
 Delta R.T. 0.01 min
 Lab File: CI0610.D
 Acq: 26 Sep 2005 19:44

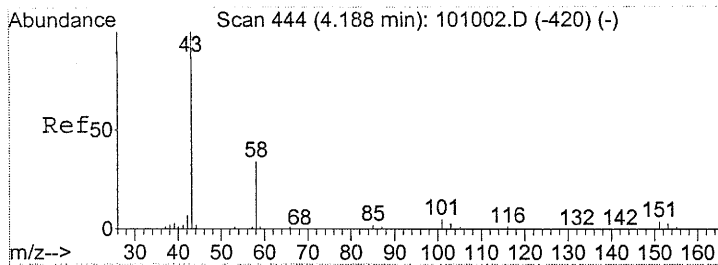
Tgt Ion: 43 Resp: 28793
 Ion Ratio Lower Upper
 43 100
 41 0.0 42.0 63.0#
 42 0.0 47.0 70.4#



Abundance Ion 43.00 (42.70 to 43.70): ClO
 Ion 41.00 (40.70 to 41.70): ClO
 Ion 42.00 (41.70 to 42.70): ClO

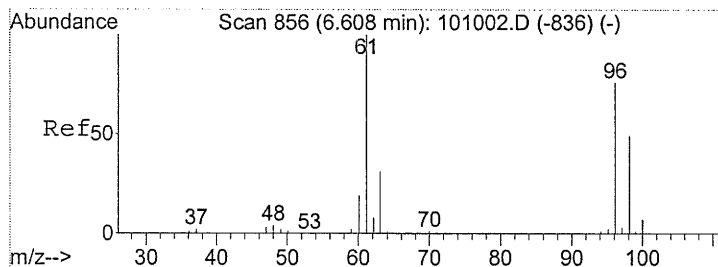
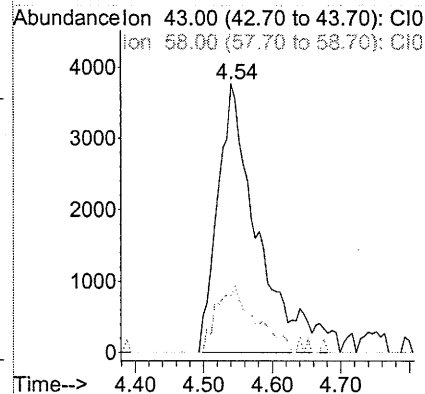


8217



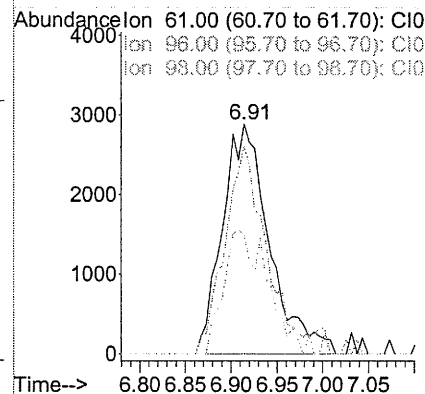
#17
Acetone
Concen: 2.04 PPB m
RT: 4.54 min Scan# 504
Delta R.T. 0.05 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 43 Resp: 155117
Ion Ratio Lower Upper
43 100
58 23.7 22.6 33.8

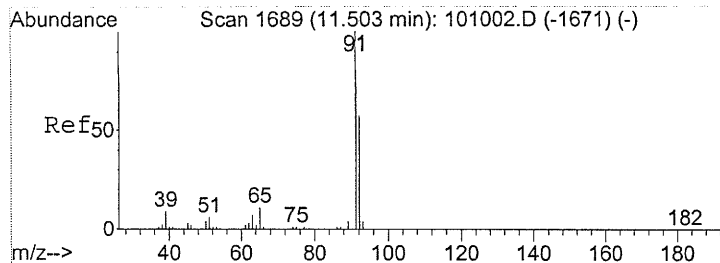


#30
cis-1,2-Dichloroethene
Concen: 1.66 PPB
RT: 6.92 min Scan# 909
Delta R.T. -0.01 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 61 Resp: 102229
Ion Ratio Lower Upper
61 100
96 70.2 66.6 99.8
98 50.7 43.7 65.5

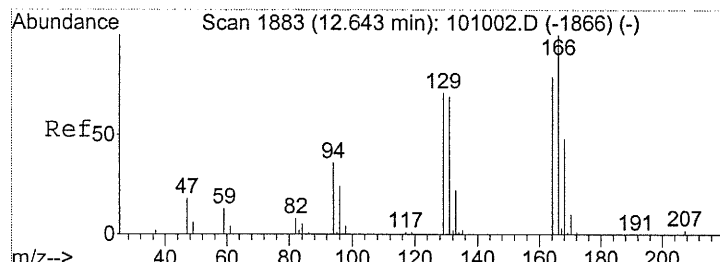
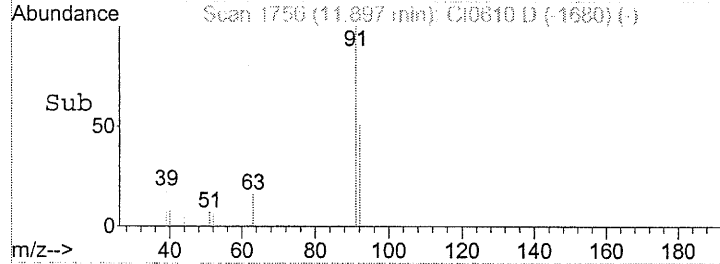
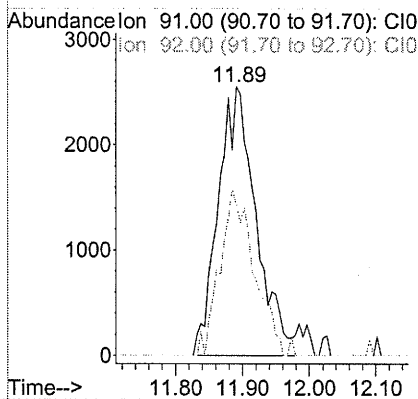
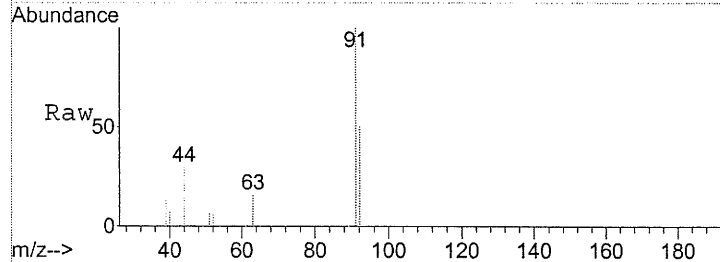


0210



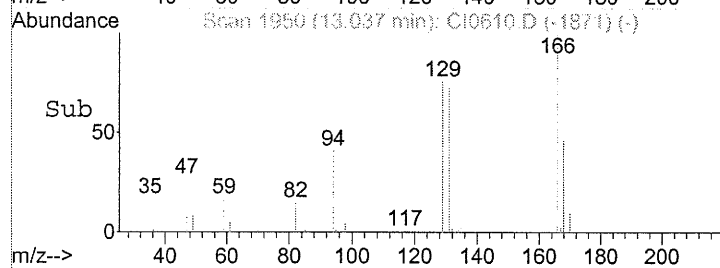
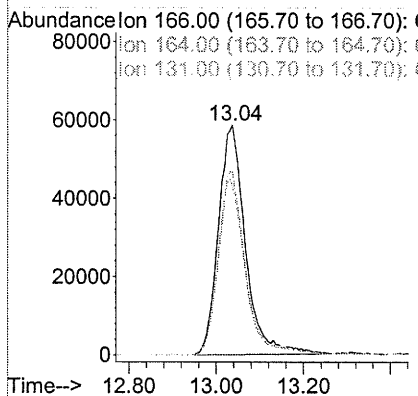
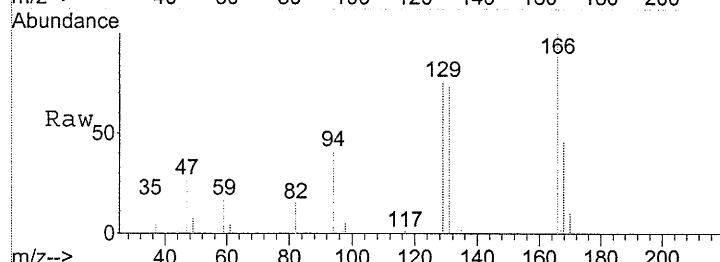
#52
Toluene
Concen: 0.26 PPB
RT: 11.90 min Scan# 1756
Delta R.T. -0.05 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 91 Resp: 104359
Ion Ratio Lower Upper
91 100
92 50.7 45.4 68.0



#57
Tetrachloroethene
Concen: 9.47 PPB
RT: 13.04 min Scan# 1950
Delta R.T. -0.04 min
Lab File: CI0610.D
Acq: 26 Sep 2005 19:44

Tgt Ion: 166 Resp: 2504830
Ion Ratio Lower Upper
166 100
164 79.5 63.0 94.6
131 76.2 61.1 91.7



0219

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG13G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604358 Date Analyzed: 09/29/05 Time Analyzed: 04:28
Canister ID: SUMMA0989 Pressure Rec'd: 14.7 psia Final Pressure: 29.4 psia
Injection Volume: 50 cc Nominal Volume: 250 cc Dilution Factor: 10.0
Instrument ID: HP09464 ¹⁷⁶ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0692.D
10-14-05

CAS RN	COMPOUND NAME	CONCENTRATION	UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	180		D
76-14-2	Freon 114	14		U
74-87-3	Chloromethane	150		D
75-01-4	Vinyl Chloride	2400		D
74-83-9	Bromomethane	8		U
75-00-3	Chloroethane	5		U
75-69-4	Trichlorodifluoromethane	11		U
75-35-4	1,1-Dichloroethene	140		D
76-13-1	Freon 113	38		U
107-05-1	3-Chloropropene	16		U
75-09-2	Methylene Chloride	17		U
75-34-3	1,1-Dichloroethane	8		U
156-59-2	cis-1,2-Dichloroethene	3600		D
67-66-3	Chloroform	10		U
71-55-6	1,1,1-Trichloroethane	20		J D
56-23-5	Carbon Tetrachloride	13		U
107-06-2	1,2-Dichloroethane	8		U
71-43-2	Benzene	48		D
79-01-6	Trichloroethene	7900		D
78-87-5	1,2-Dichloropropane	9		U
10061-01-5	cis-1,3-Dichloropropene	9		U
108-88-3	Toluene	24		J D
10061-02-6	trans-1,3-Dichloropropene	9		U
79-00-5	1,1,2-Trichloroethane	11		U
127-18-4	Tetrachloroethene	30000		D
106-93-4	1,2-Dibromoethane	15		U
108-90-7	Chlorobenzene	9		U
100-41-4	Ethylbenzene	9		U
1330-20-7	m/p-Xylene	34		J D
95-47-6	o-Xylene	15		J D
100-42-5	Styrene	9		U
79-34-5	1,1,2,2-Tetrachloroethane	14		U
622-96-8	4-Ethyltoluene	10		U
108-67-8	1,3,5-Trimethylbenzene	10		U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG13G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604358 Date Analyzed: 09/29/05 Time Analyzed: 04:28
Canister ID: SUMMA0989 Pressure Rec'd: 14.7 psia Final Pressure: 29.4 psia
Injection Volume: 50 cc Nominal Volume: 250 cc Dilution Factor: 10.0
Instrument ID: HP09464 ¹⁹⁶ ₁₀₋₁₄₋₀₅ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0692.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	10	U
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
120-82-1	1,2,4-Trichlorobenzene	74	U

U = Compound was undetected at the specified limit of quantitation.

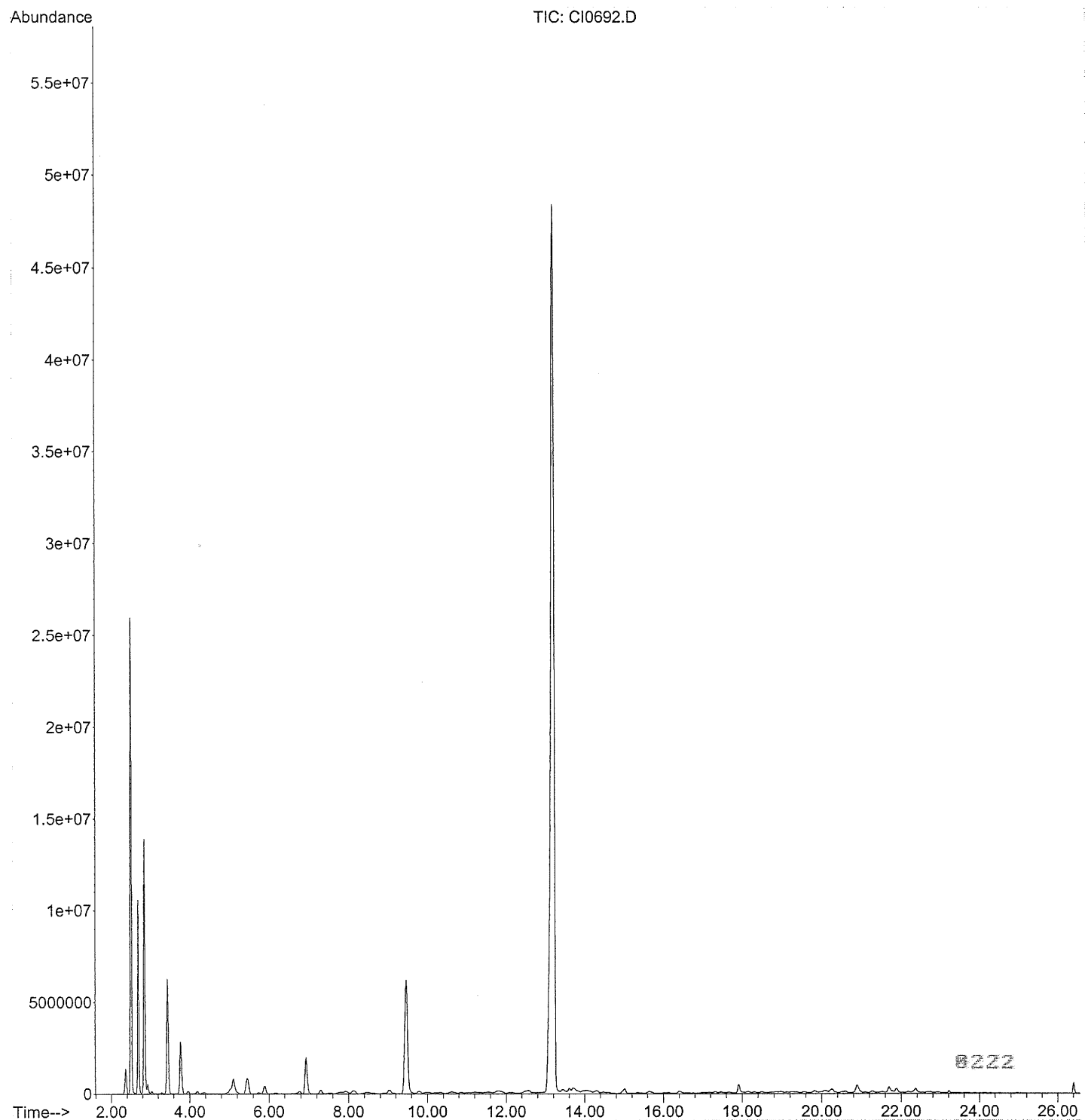
B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0692.D
Acq On : 29 Sep 2005 4:28
Operator : RDG
Sample : 4604358 50CC
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Oct 11 12:53:22 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP28\
 Data File : CI0692.D
 Acq On : 29 Sep 2005 4:28
 Operator : RDG
 Sample : 4604358 50CC
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

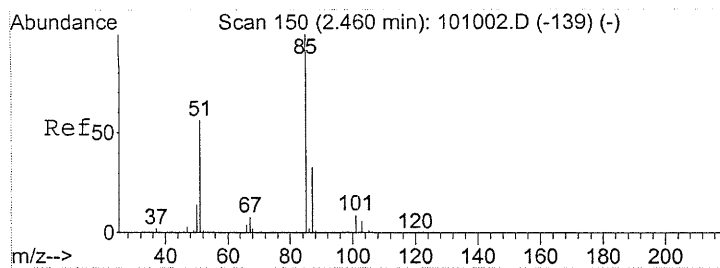
Quant Time: Oct 11 12:53:22 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Wed Sep 28 17:23:56 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.29	130	1472690	10.000		-0.06
37) 1,4-Difluorobenzene	9.04	114	5111057	10.000		-0.08
51) Chlorobenzene d5	15.01	117	3444739	10.000		0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Dichlorodifluoromethane	2.53	85	1120369	3.625	PPB	96
6) Chloromethane	2.69	50	1189998	7.291	PPB	# 85
7) Vinyl Chloride	2.84	62	11226124	92.774	PPB	100
15) 1,1-Dichloroethene	4.32	61	711299	3.417	PPB	98
30) cis-1,2-Dichloroethene	6.94	61	18770598	114.195	PPB	96
35) 1,1,1-Trichloroethane	7.73	97	102191	0.365	PPB	# 68
39) Benzene	8.34	78	559789	1.495	PPB	# 88
42) Trichloroethene	9.47	130	61764147	213.417	PPB	99
52) Toluene	11.96	91	329125	0.633	PPB	# 23
57) Tetrachloroethene	13.20	166	480550586	1423.306	PPB	96
64) m/p-Xylene	15.70	91	278115	0.787	PPB	91
65) o-Xylene	16.62	91	108407	0.344	PPB	# 46

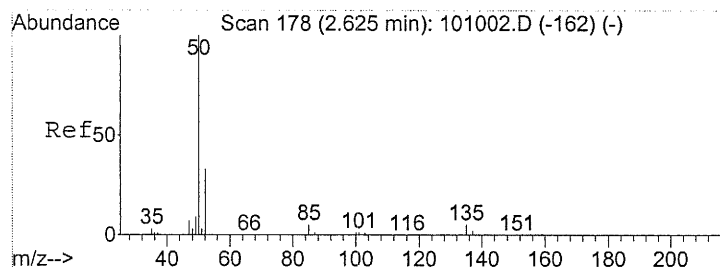
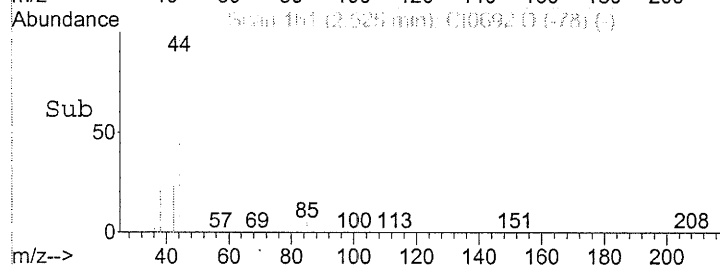
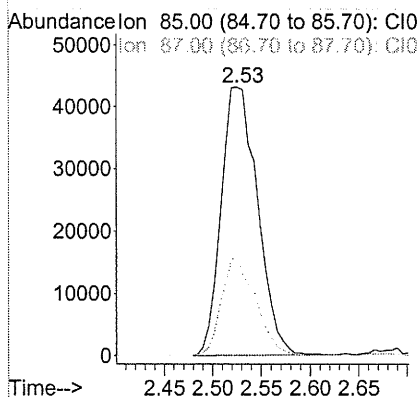
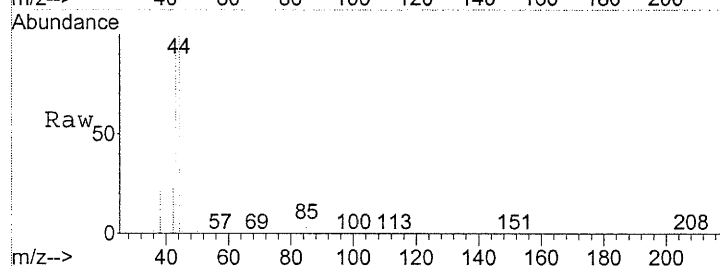
(#) = qualifier out of range (m) = manual integration (+) = signals summed

0223



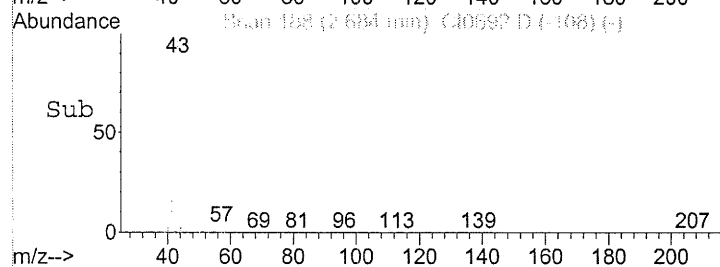
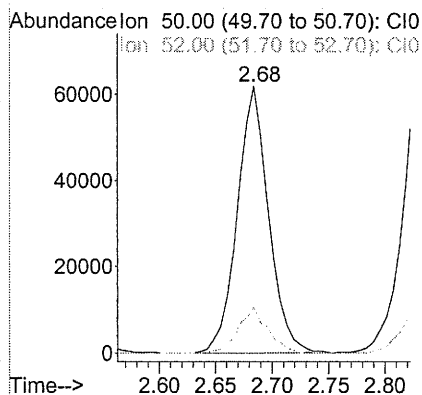
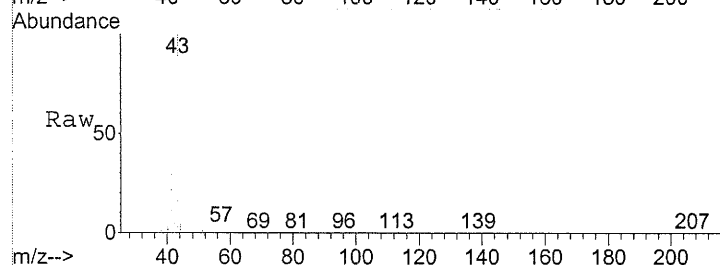
#3
 Dichlorodifluoromethane
 Concen: 3.63 PPB
 RT: 2.53 min Scan# 161
 Delta R.T. -0.01 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

Tgt Ion: 85 Resp: 1120369
 Ion Ratio Lower Upper
 85 100
 87 34.4 25.7 38.5

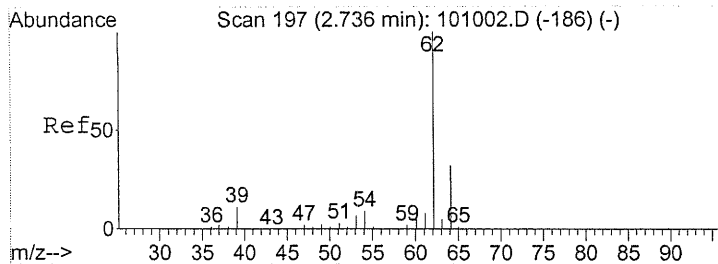


#6
 Chloromethane
 Concen: 7.29 PPB
 RT: 2.69 min Scan# 188
 Delta R.T. -0.03 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

Tgt Ion: 50 Resp: 1189998
 Ion Ratio Lower Upper
 50 100
 52 16.1 18.6 28.0#

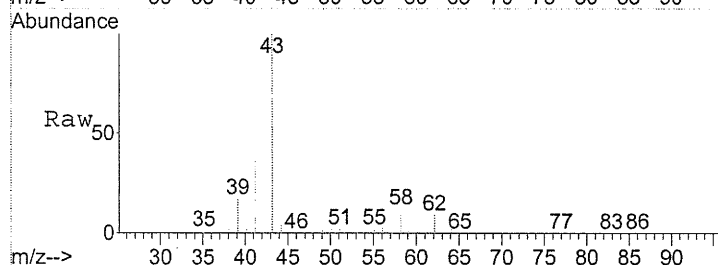


0224

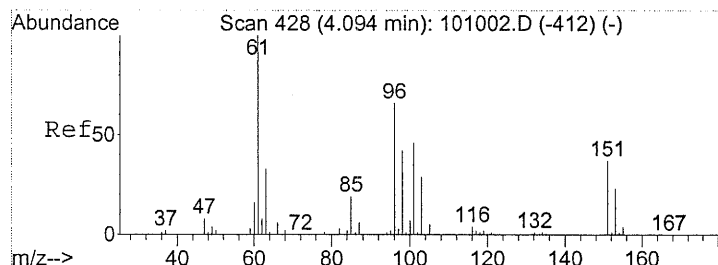
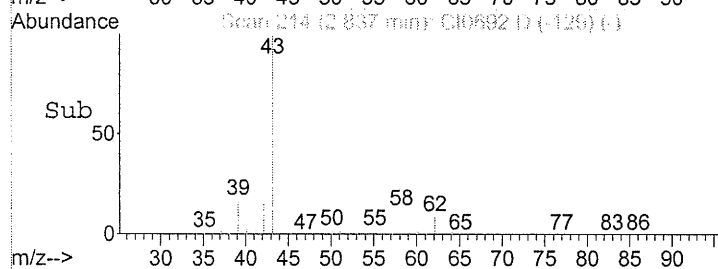
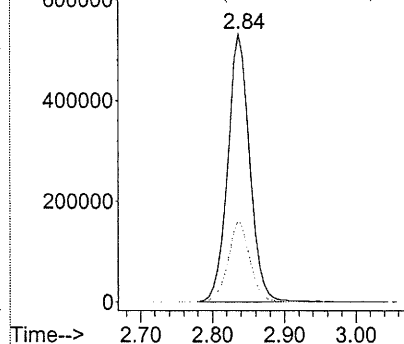


#7
 Vinyl Chloride
 Concen: 92.77 PPB
 RT: 2.84 min Scan# 214
 Delta R.T. 0.00 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

Tgt Ion: 62 Resp: 11226124
 Ion Ratio Lower Upper
 62 100
 64 29.9 23.8 35.6

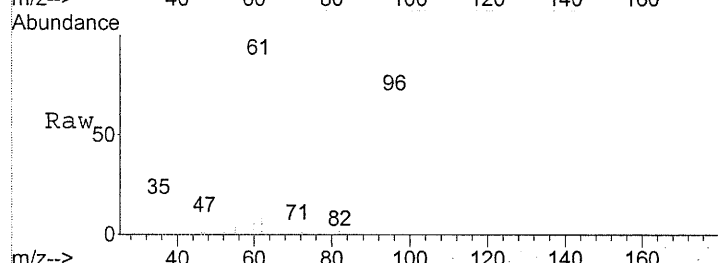


Abundance Ion 62.00 (61.70 to 62.70): ClO
 Ion 64.00 (63.70 to 64.70): ClO

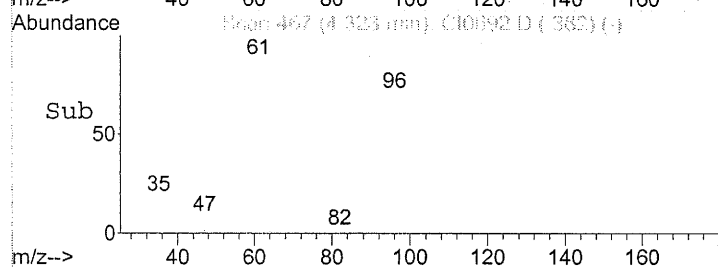
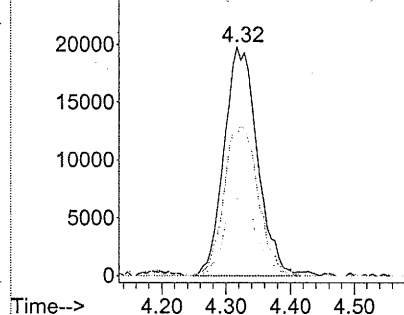


#15
 1,1-Dichloroethene
 Concen: 3.42 PPB
 RT: 4.32 min Scan# 467
 Delta R.T. 0.00 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

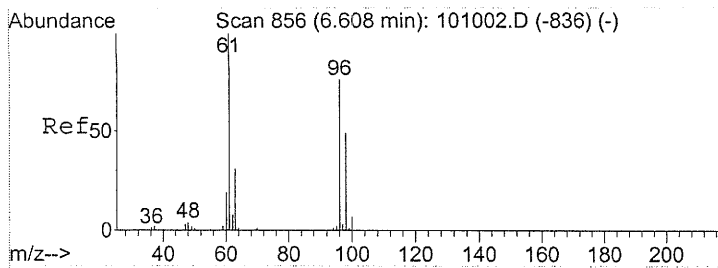
Tgt Ion: 61 Resp: 711299
 Ion Ratio Lower Upper
 61 100
 96 67.0 53.0 79.6
 63 32.4 24.6 36.8



Abundance Ion 61.00 (60.70 to 61.70): ClO
 Ion 96.00 (95.70 to 96.70): ClO
 Ion 63.00 (62.70 to 63.70): ClO



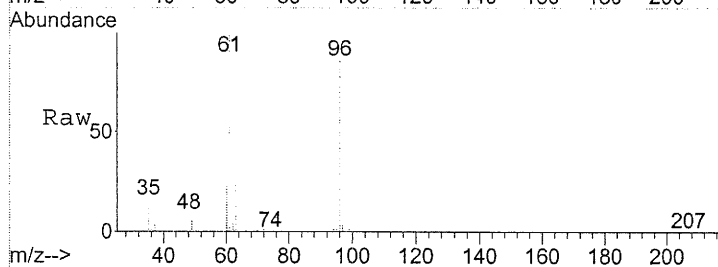
0225



#30
 cis-1,2-Dichloroethene
 Concen: 114.19 PPB
 RT: 6.94 min Scan# 912
 Delta R.T. -0.03 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

Tgt Ion: 61 Resp: 18770598

Ion	Ratio	Lower	Upper
61	100		
96	87.4	66.6	99.8
98	57.2	43.7	65.5

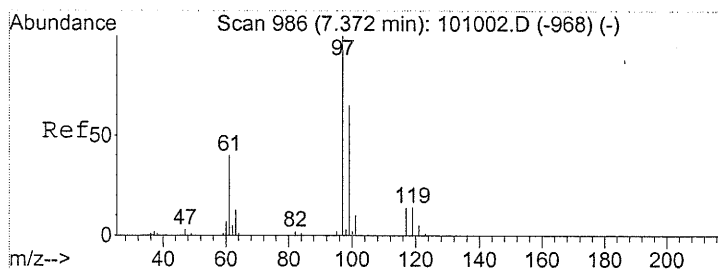
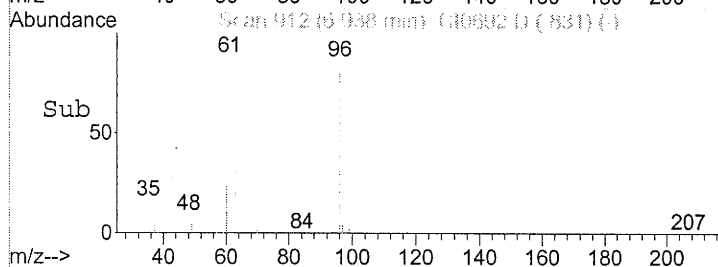
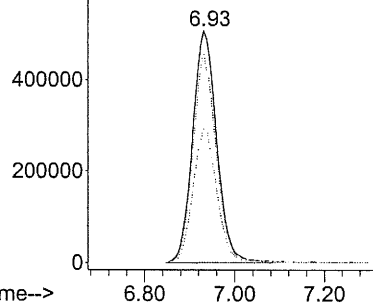


Abundance

Ion 61.00 (60.70 to 61.70): ClO

Ion 96.00 (95.70 to 96.70): ClO

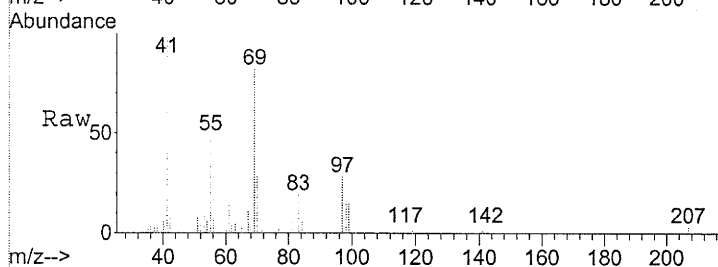
Ion 98.00 (97.70 to 98.70): ClO



#35
 1,1,1-Trichloroethane
 Concen: 0.36 PPB
 RT: 7.73 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: CI0692.D
 Acq: 29 Sep 2005 4:28

Tgt Ion: 97 Resp: 102191

Ion	Ratio	Lower	Upper
97	100		
99	73.6	52.9	79.3
61	0.0	34.2	51.4#

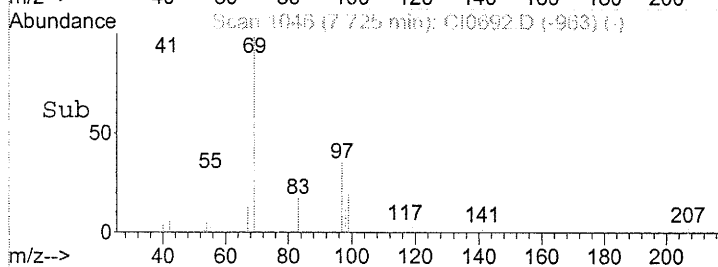
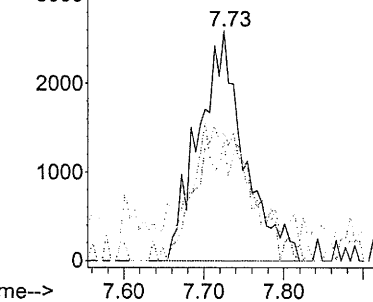


Abundance

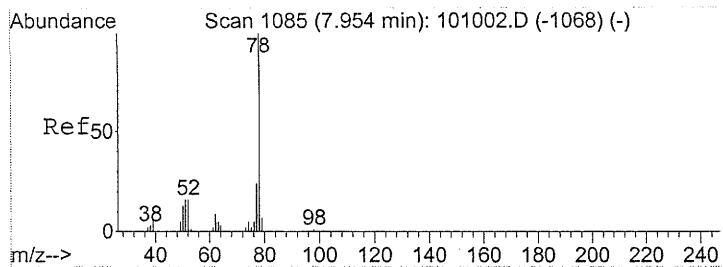
Ion 97.00 (96.70 to 97.70): ClO

Ion 99.00 (98.70 to 99.70): ClO

Ion 61.00 (60.70 to 61.70): ClO



8226



#39

Benzene

Concen: 1.49 PPB

RT: 8.34 min Scan# 1150

Delta R.T. -0.05 min

Lab File: CI0692.D

Acq: 29 Sep 2005 4:28

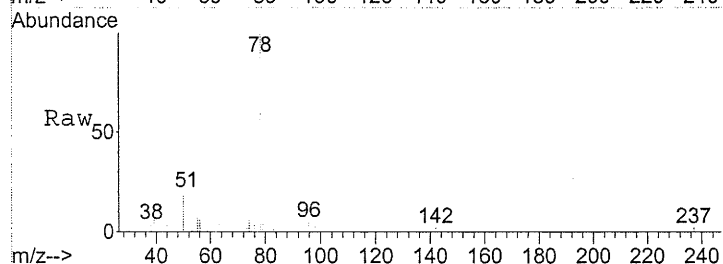
Tgt Ion: 78 Resp: 559789

Ion Ratio Lower Upper

78 100

77 14.4 19.4 29.2#

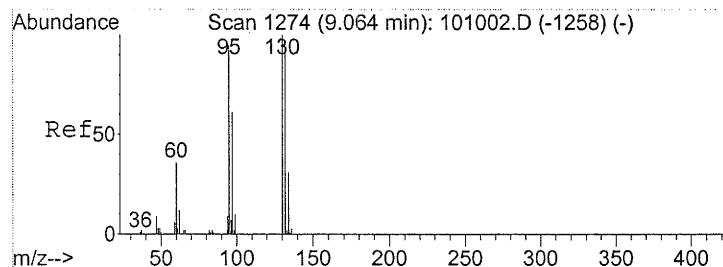
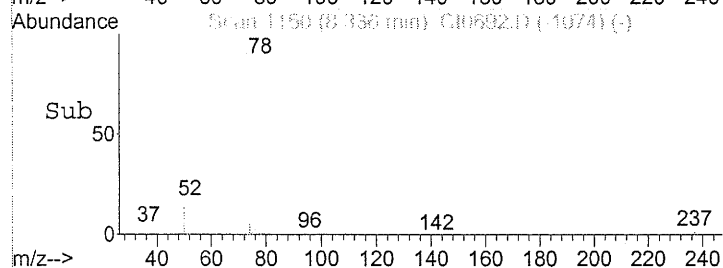
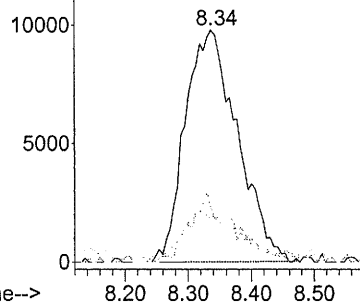
50 18.6 15.7 23.5



Abundance Ion 78.00 (77.70 to 78.70): C10

Ion 77.00 (76.70 to 77.70): C10

Ion 50.00 (49.70 to 50.70): C10



#42

Trichloroethene

Concen: 213.42 PPB

RT: 9.47 min Scan# 1343

Delta R.T. -0.04 min

Lab File: CI0692.D

Acq: 29 Sep 2005 4:28

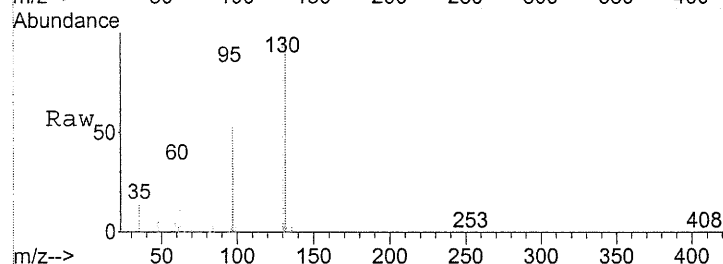
Tgt Ion: 130 Resp: 61764147

Ion Ratio Lower Upper

130 100

132 98.0 79.0 118.6

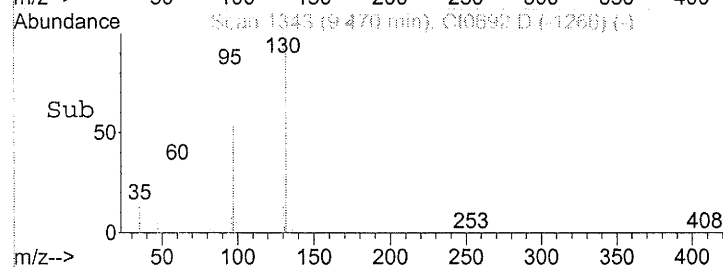
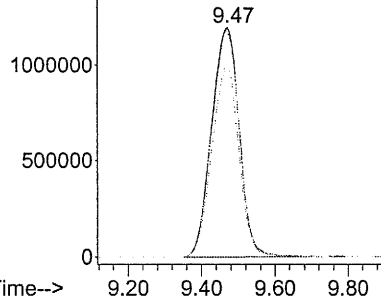
95 81.7 66.1 99.1



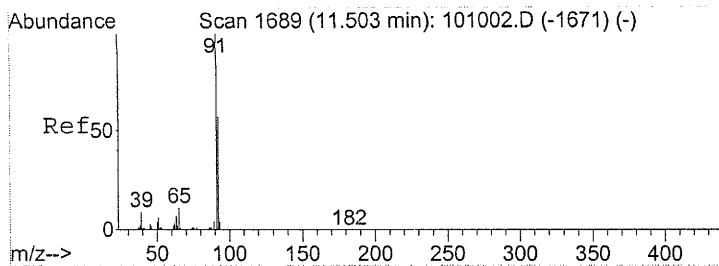
Abundance Ion 130.00 (129.70 to 130.70): C10

Ion 132.00 (131.70 to 132.70): C10

Ion 95.00 (94.70 to 95.70): C10



0227



#52

Toluene

Concen: 0.63 PPB

RT: 11.96 min Scan# 1766

Delta R.T. -0.07 min

Lab File: CI0692.D

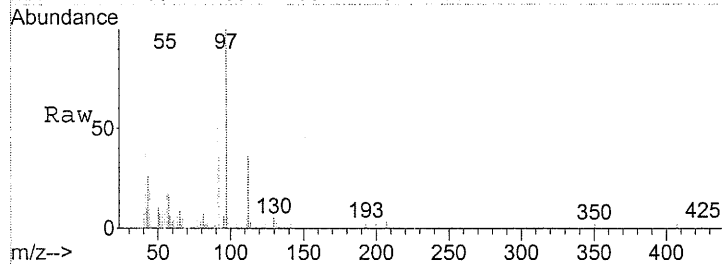
Acq: 29 Sep 2005 4:28

Tgt Ion: 91 Resp: 329125

Ion Ratio Lower Upper

91 100

92 0.0 45.4 68.0#



Abundance Ion 91.00 (90.70 to 91.70): CI0

Ion 92.00 (91.70 to 92.70): CI0

11.93

4000

3000

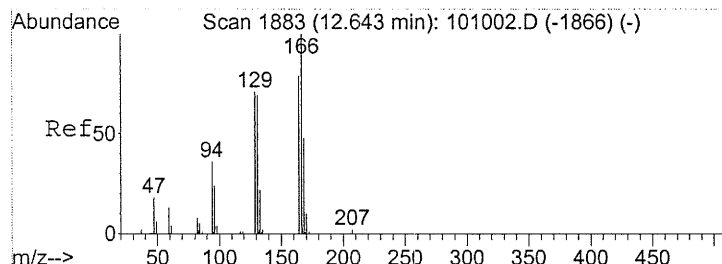
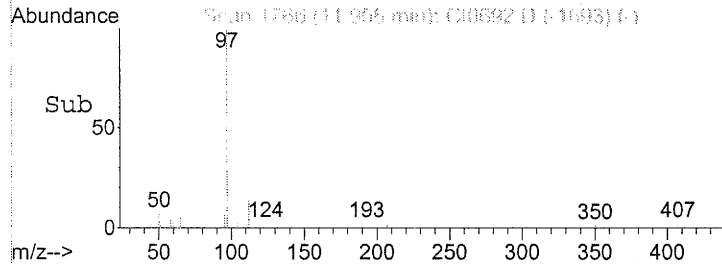
2000

1000

0

Time-->

11.80 12.00 12.20



#57

Tetrachloroethene

Concen: 1423.31 PPB

RT: 13.20 min Scan# 1979

Delta R.T. 0.06 min

Lab File: CI0692.D

Acq: 29 Sep 2005 4:28

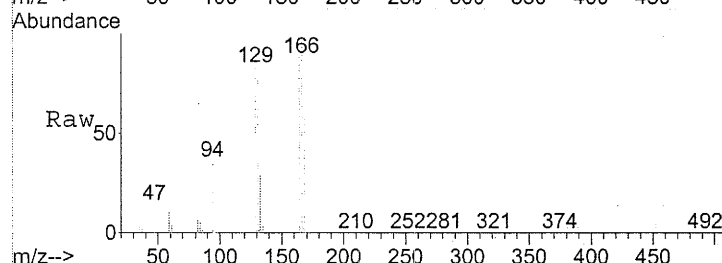
Tgt Ion: 166 Resp: 480550586

Ion Ratio Lower Upper

166 100

164 83.9 63.0 94.6

131 78.1 61.1 91.7



Abundance Ion 166.00 (165.70 to 166.70): CI0

Ion 164.00 (163.70 to 164.70): CI0

Ion 131.00 (130.70 to 131.70): CI0

1e+07

8000000

6000000

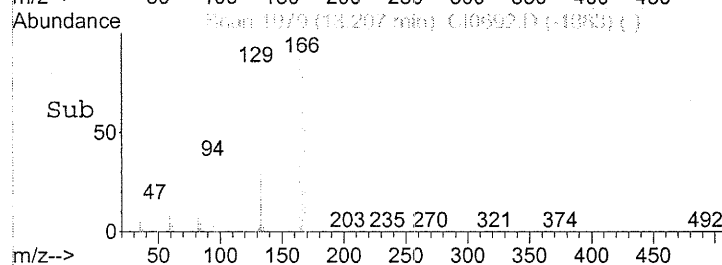
4000000

2000000

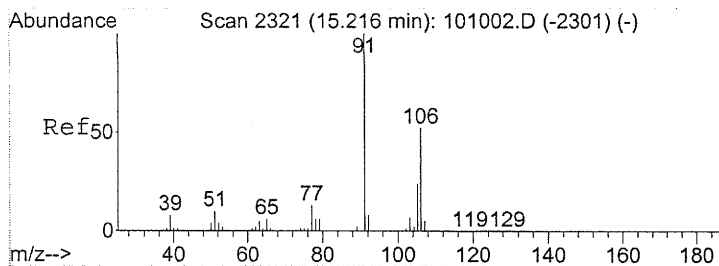
0

Time-->

12.80 13.00 13.20 13.40

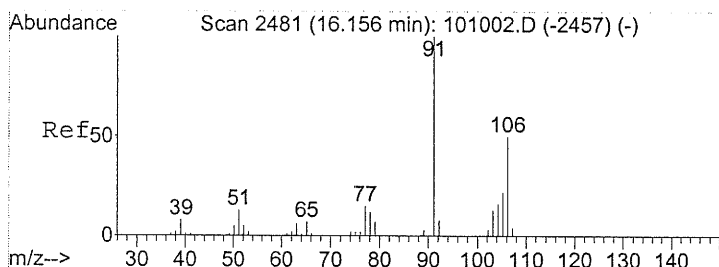
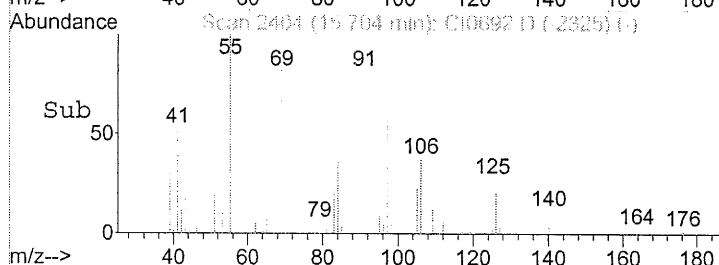
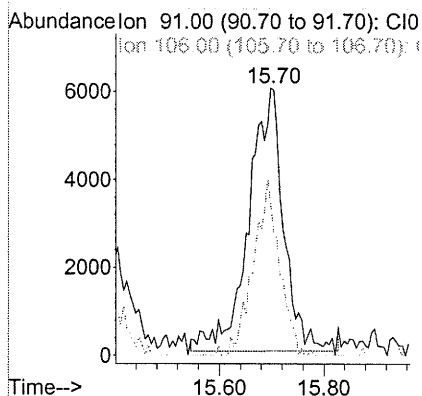
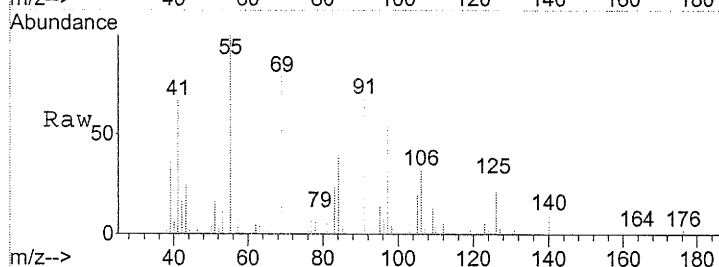


0228



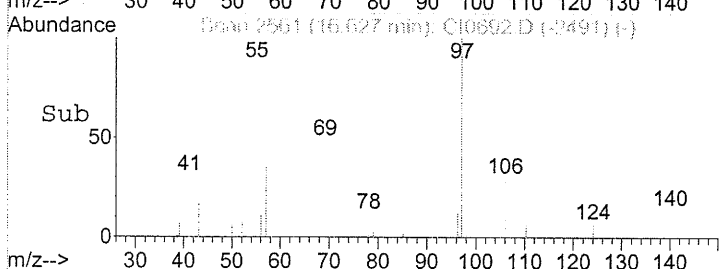
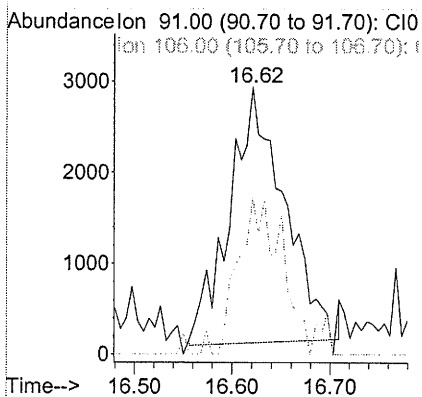
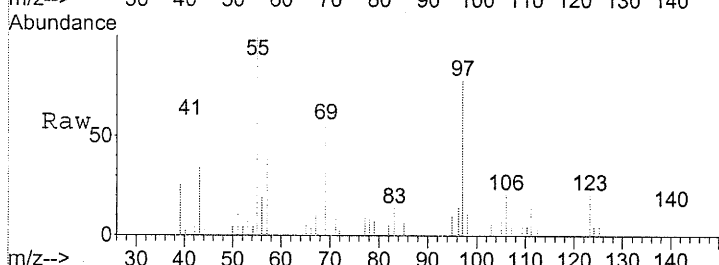
#64
m/p-Xylene
Concen: 0.79 PPB
RT: 15.70 min Scan# 2404
Delta R.T. -0.04 min
Lab File: CI0692.D
Acq: 29 Sep 2005 4:28

Tgt Ion: 91 Resp: 278115
Ion Ratio Lower Upper
91 100
106 49.6 45.0 67.4



#65
o-Xylene
Concen: 0.34 PPB
RT: 16.62 min Scan# 2561
Delta R.T. -0.09 min
Lab File: CI0692.D
Acq: 29 Sep 2005 4:28

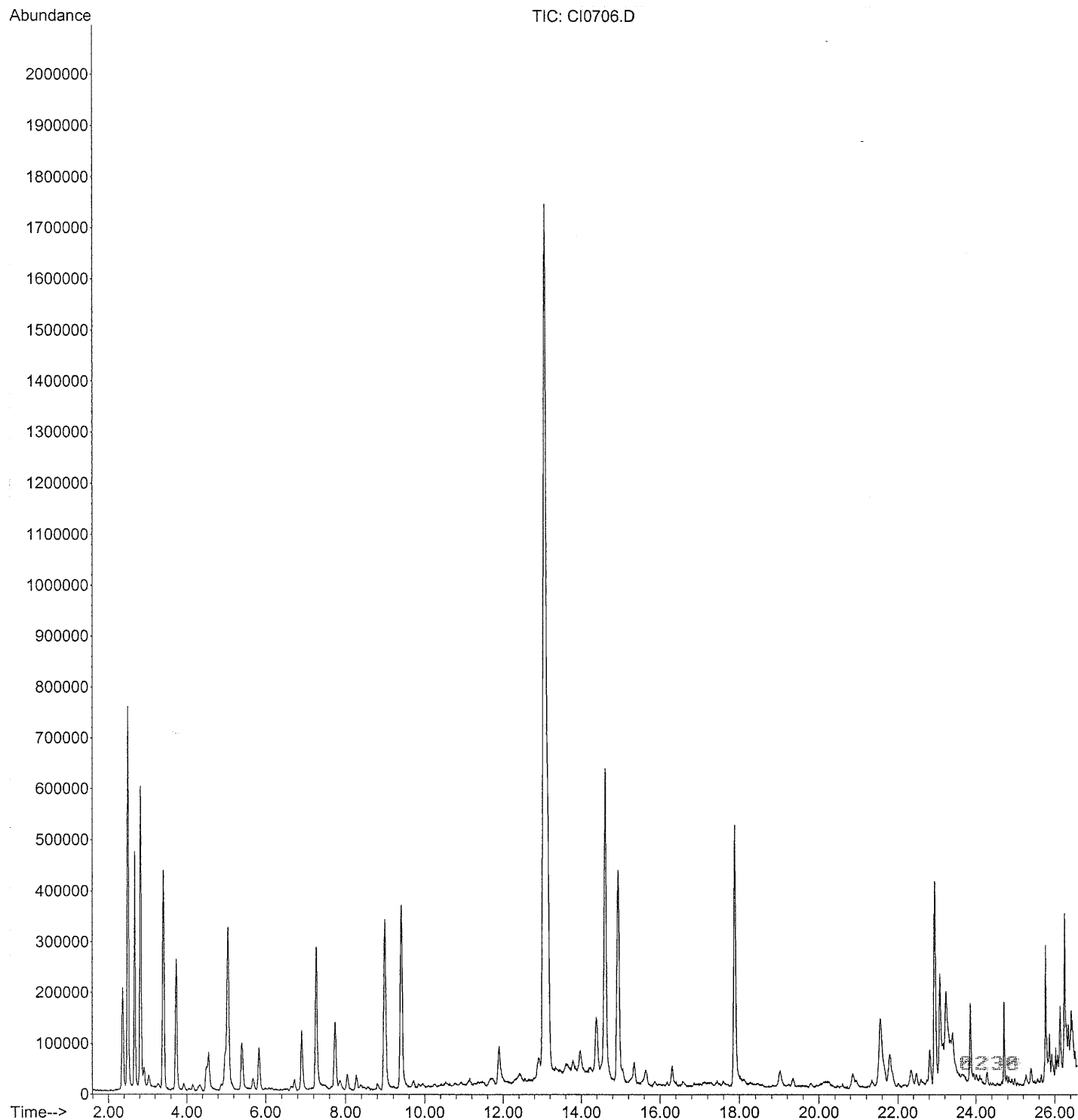
Tgt Ion: 91 Resp: 108407
Ion Ratio Lower Upper
91 100
106 15.6 43.4 65.0#



0229

Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0706.D
Acq On : 29 Sep 2005 14:26
Operator : RDG
Sample : 4604358 DF200 500CC
Misc :
ALS Vial : 75 Sample Multiplier: 1

Quant Time: Oct 11 12:54:24 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0706.D
Acq On : 29 Sep 2005 14:26
Operator : RDG
Sample : 4604358 DF200 500CC
Misc :
ALS Vial : 75 Sample Multiplier: 1

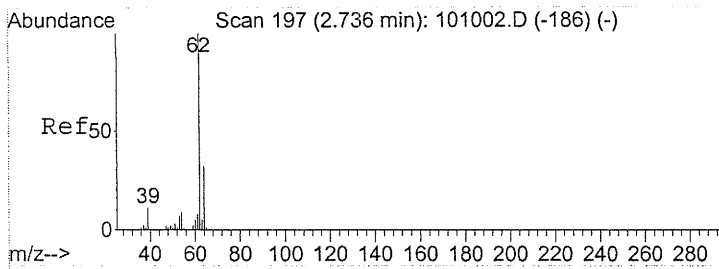
Quant Time: Oct 11 12:54:24 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	1944130	10.000		-0.09
37) 1,4-Difluorobenzene	8.99	114	6108628	10.000		-0.13
51) Chlorobenzene d5	14.94	117	6117087	10.000		-0.08

Target Compounds						Qvalue
7) Vinyl Chloride	2.83	62	478769	2.997	PPB	97
30) cis-1,2-Dichloroethene	6.91	61	989890	4.562	PPB	93
39) Benzene	8.28	78	354053	0.791	PPB	94
42) Trichloroethene	9.41	130	2549328	7.370	PPB	99
52) Toluene	11.90	91	1367879	1.482	PPB	97
57) Tetrachloroethene	13.06	166	13317167	22.212	PPB	99
64) m/p-Xylene	15.64	91	327860	0.523	PPB	100

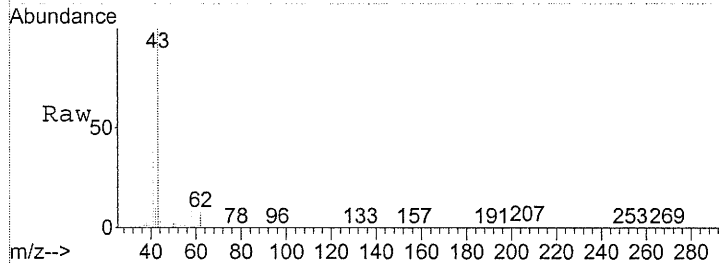
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8231

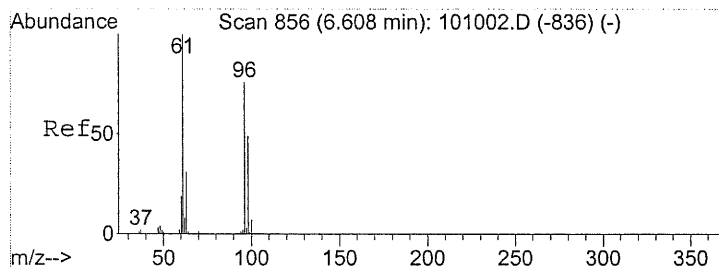
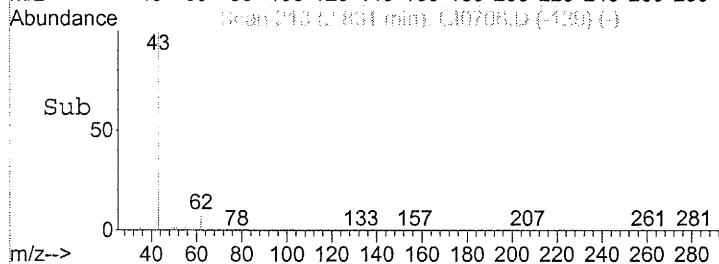
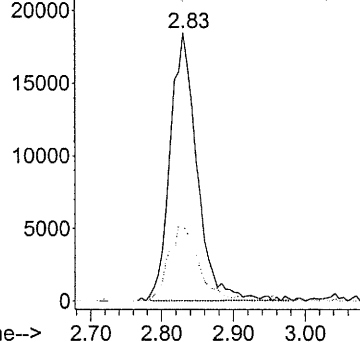


#7
 Vinyl Chloride
 Concen: 3.00 PPB
 RT: 2.83 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: CI0706.D
 Acq: 29 Sep 2005 14:26

Tgt Ion: 62 Resp: 478769
 Ion Ratio Lower Upper
 62 100
 64 31.5 23.8 35.6

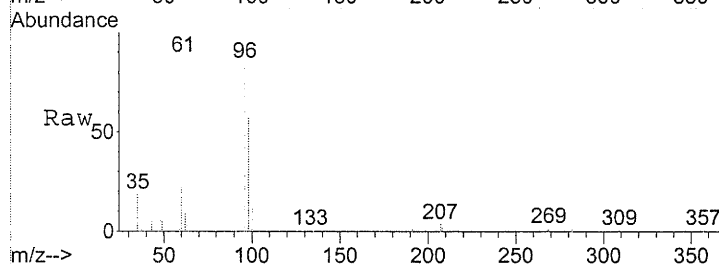


Abundance Ion 62.00 (61.70 to 62.70): ClO
 Ion 64.00 (63.70 to 64.70): ClO

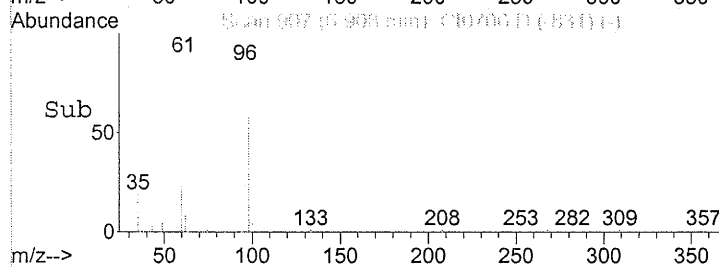
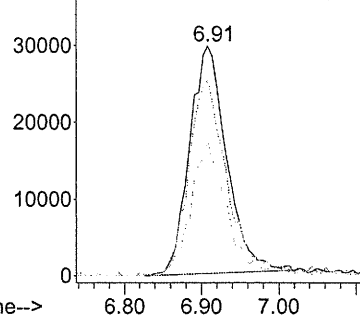


#30
 cis-1,2-Dichloroethene
 Concen: 4.56 PPB
 RT: 6.91 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: CI0706.D
 Acq: 29 Sep 2005 14:26

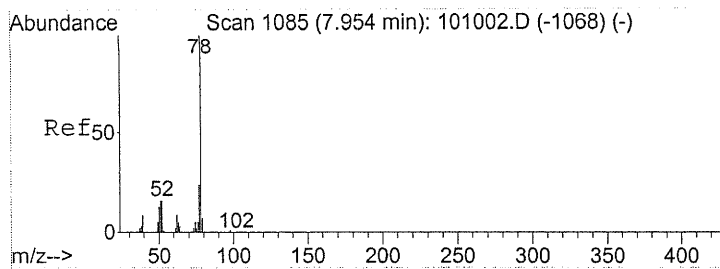
Tgt Ion: 61 Resp: 989890
 Ion Ratio Lower Upper
 61 100
 96 91.7 66.6 99.8
 98 52.1 43.7 65.5



Abundance Ion 61.00 (60.70 to 61.70): ClO
 Ion 96.00 (95.70 to 96.70): ClO
 Ion 98.00 (97.70 to 98.70): ClO

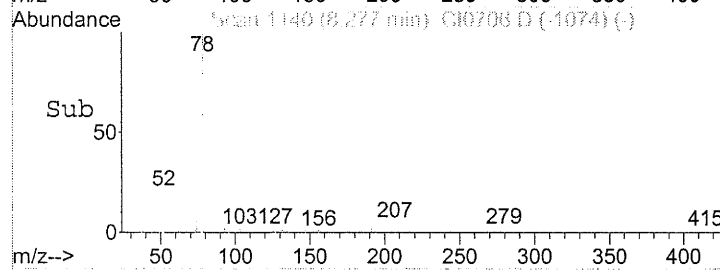
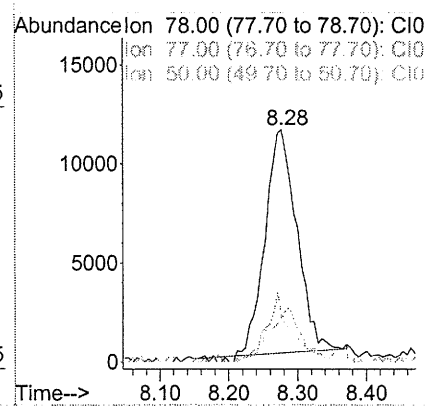
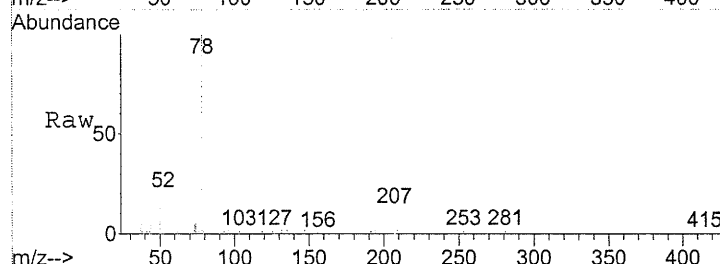


0232



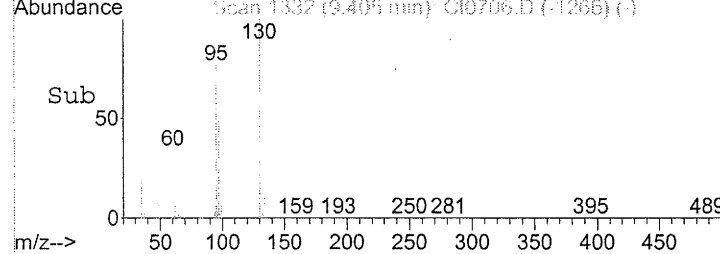
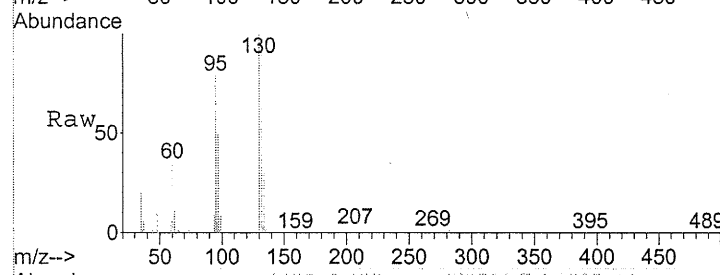
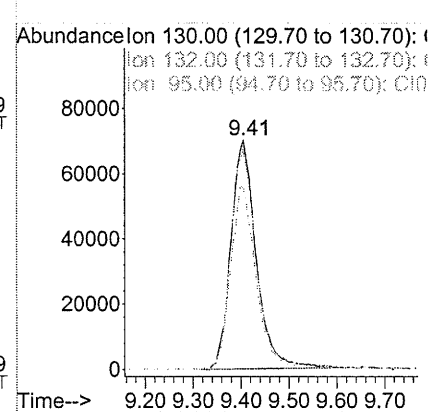
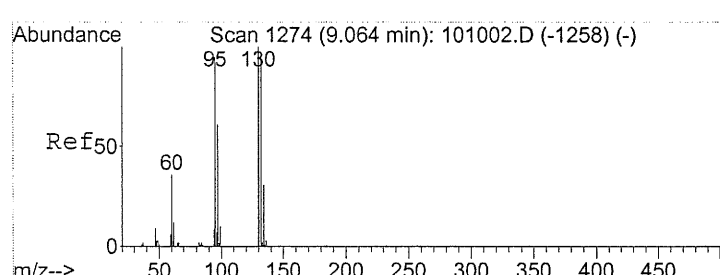
#39
Benzene
Concen: 0.79 PPB
RT: 8.28 min Scan# 1140
Delta R.T. -0.11 min
Lab File: CI0706.D
Acq: 29 Sep 2005 14:26

Tgt Ion:	78	Resp:	354053
Ion	Ratio	Lower	Upper
78	100		
77	28.4	19.4	29.2
50	21.3	15.7	23.5

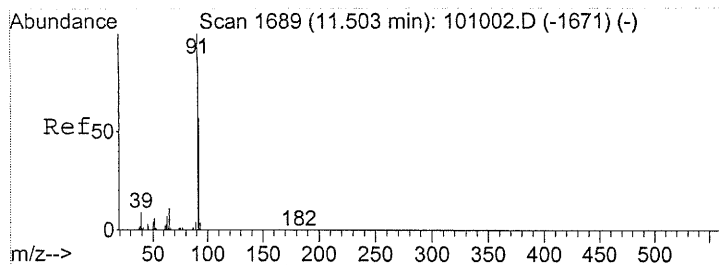


#42
Trichloroethene
Concen: 7.37 PPB
RT: 9.41 min Scan# 1332
Delta R.T. -0.11 min
Lab File: CI0706.D
Acq: 29 Sep 2005 14:26

Tgt Ion:	130	Resp:	2549328
Ion	Ratio	Lower	Upper
130	100		
132	98.9	79.0	118.6
95	81.7	66.1	99.1

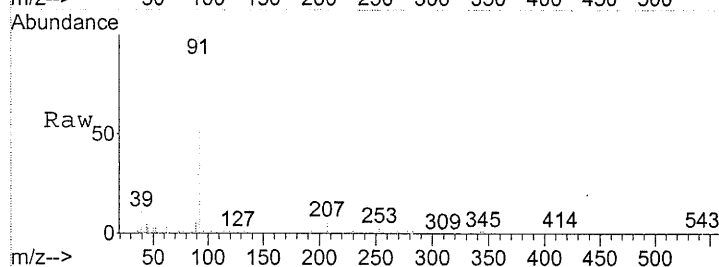


6233

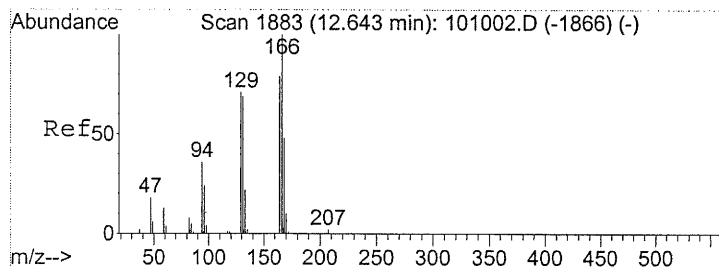
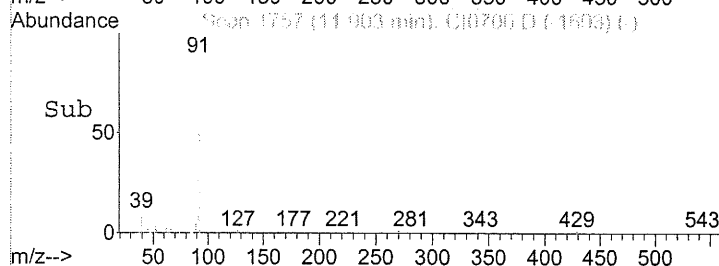
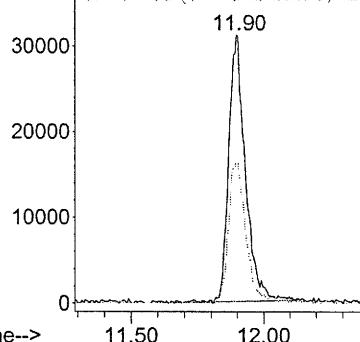


#52
Toluene
Concen: 1.48 PPB
RT: 11.90 min Scan# 1757
Delta R.T. -0.13 min
Lab File: CI0706.D
Acq: 29 Sep 2005 14:26

Tgt Ion: 91 Resp: 1367879
Ion Ratio Lower Upper
91 100
92 54.4 45.4 68.0

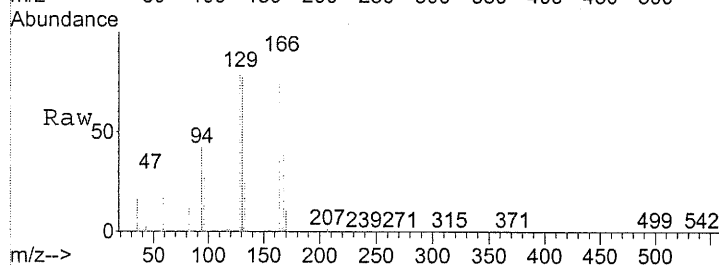


Abundance Ion 91.00 (90.70 to 91.70): ClO
Ion 92.00 (91.70 to 92.70): ClO

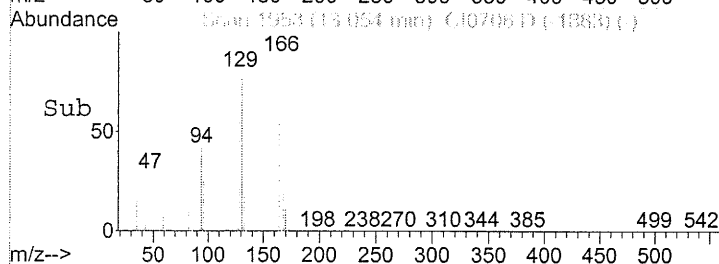
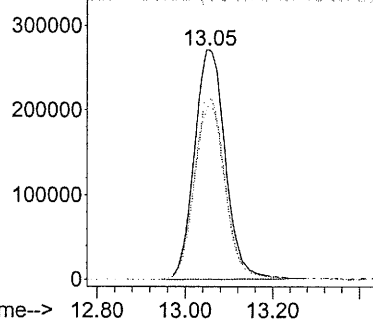


#57
Tetrachloroethene
Concen: 22.21 PPB
RT: 13.06 min Scan# 1953
Delta R.T. -0.09 min
Lab File: CI0706.D
Acq: 29 Sep 2005 14:26

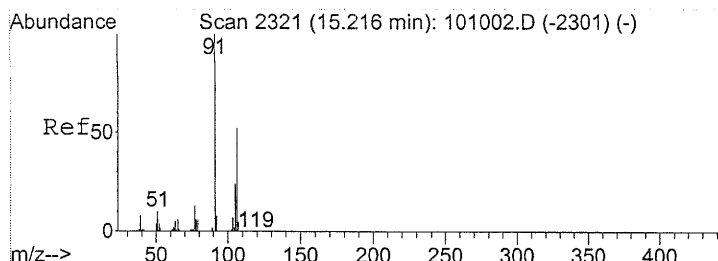
Tgt Ion: 166 Resp: 13317167
Ion Ratio Lower Upper
166 100
164 78.9 63.0 94.6
131 75.5 61.1 91.7



Abundance Ion 166.00 (165.70 to 166.70): C
Ion 164.00 (163.70 to 164.70): C
Ion 131.00 (130.70 to 131.70): C

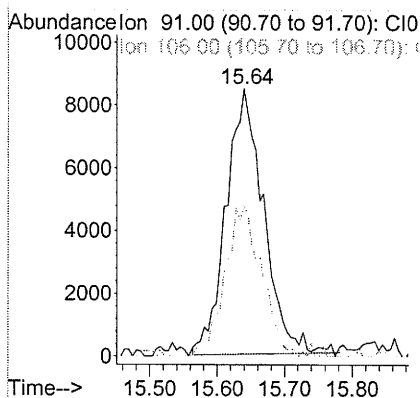
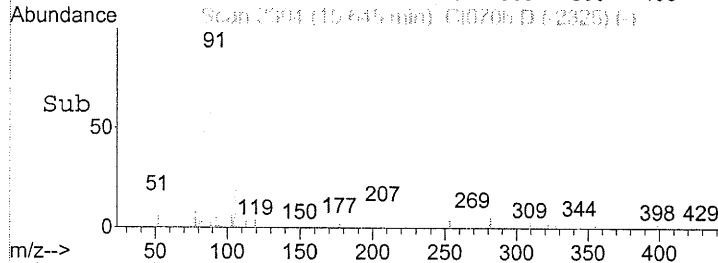
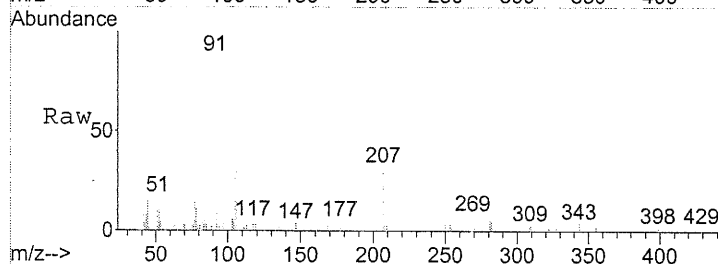


8234



#64
 m/p-Xylene
 Concen: 0.52 PPB
 RT: 15.64 min Scan# 2394
 Delta R.T. -0.10 min
 Lab File: CI0706.D
 Acq: 29 Sep 2005 14:26

Tgt Ion: 91 Resp: 327860
 Ion Ratio Lower Upper
 91 100
 106 56.1 45.0 67.4



0235

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG14G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604359 Date Analyzed: 09/29/05 Time Analyzed: 15:42
Canister ID: SUMMA0997 Pressure Rec'd: 14.8 psia Final Pressure: 29.6 psia
Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 50.0
Instrument ID: HP09467 ¹⁹⁶ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0708.D
10-14-05

CAS RN	COMPOUND NAME	CONCENTRATION	UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	84		J D
76-14-2	Freon 114	70		U
74-87-3	Chloromethane	21		U
75-01-4	Vinyl Chloride	240		D
74-83-9	Bromomethane	39		U
75-00-3	Chloroethane	26		U
75-69-4	Trichlorofluoromethane	56		U
75-35-4	1,1-Dichloroethene	48		J D
76-13-1	Freon 113	190		U
107-05-1	3-Chloropropene	78		U
75-09-2	Methylene Chloride	87		U
75-34-3	1,1-Dichloroethane	40		U
156-59-2	cis-1,2-Dichloroethene	1300		D
67-66-3	Chloroform	49		U
71-55-6	1,1,1-Trichloroethane	55		U
56-23-5	Carbon Tetrachloride	63		U
107-06-2	1,2-Dichloroethane	40		U
71-43-2	Benzene	160		D
79-01-6	Trichloroethene	2000		D
78-87-5	1,2-Dichloropropane	46		U
10061-01-5	cis-1,3-Dichloropropene	45		U
108-88-3	Toluene	380		D
10061-02-6	trans-1,3-Dichloropropene	45		U
79-00-5	1,1,2-Trichloroethane	55		U
127-18-4	Tetrachloroethene	11000		D
106-93-4	1,2-Dibromoethane	77		U
108-90-7	Chlorobenzene	46		U
100-41-4	Ethylbenzene	48		J D
1330-20-7	m/p-Xylene	160		J D
95-47-6	o-Xylene	46		J D
100-42-5	Styrene	43		U
79-34-5	1,1,2,2-Tetrachloroethane	69		U
622-96-8	4-Ethyltoluene	49		U
108-67-8	1,3,5-Trimethylbenzene	49		U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG14G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604359 Date Analyzed: 09/29/05 Time Analyzed: 15:42
Canister ID: SUMMA0997 Pressure Rec'd: 14.8 psia Final Pressure: 29.6 psia
Injection Volume: 500 cc Nominal Volume: 250 cc Dilution Factor: 50.0
Instrument ID: HP094614 ¹⁰⁻¹⁴⁻⁰⁵ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0708.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	52	J D
541-73-1	1,3-Dichlorobenzene	150	U
106-46-7	1,4-Dichlorobenzene	150	U
95-50-1	1,2-Dichlorobenzene	150	U
120-82-1	1,2,4-Trichlorobenzene	370	U

U = Compound was undetected at the specified limit of quantitation.

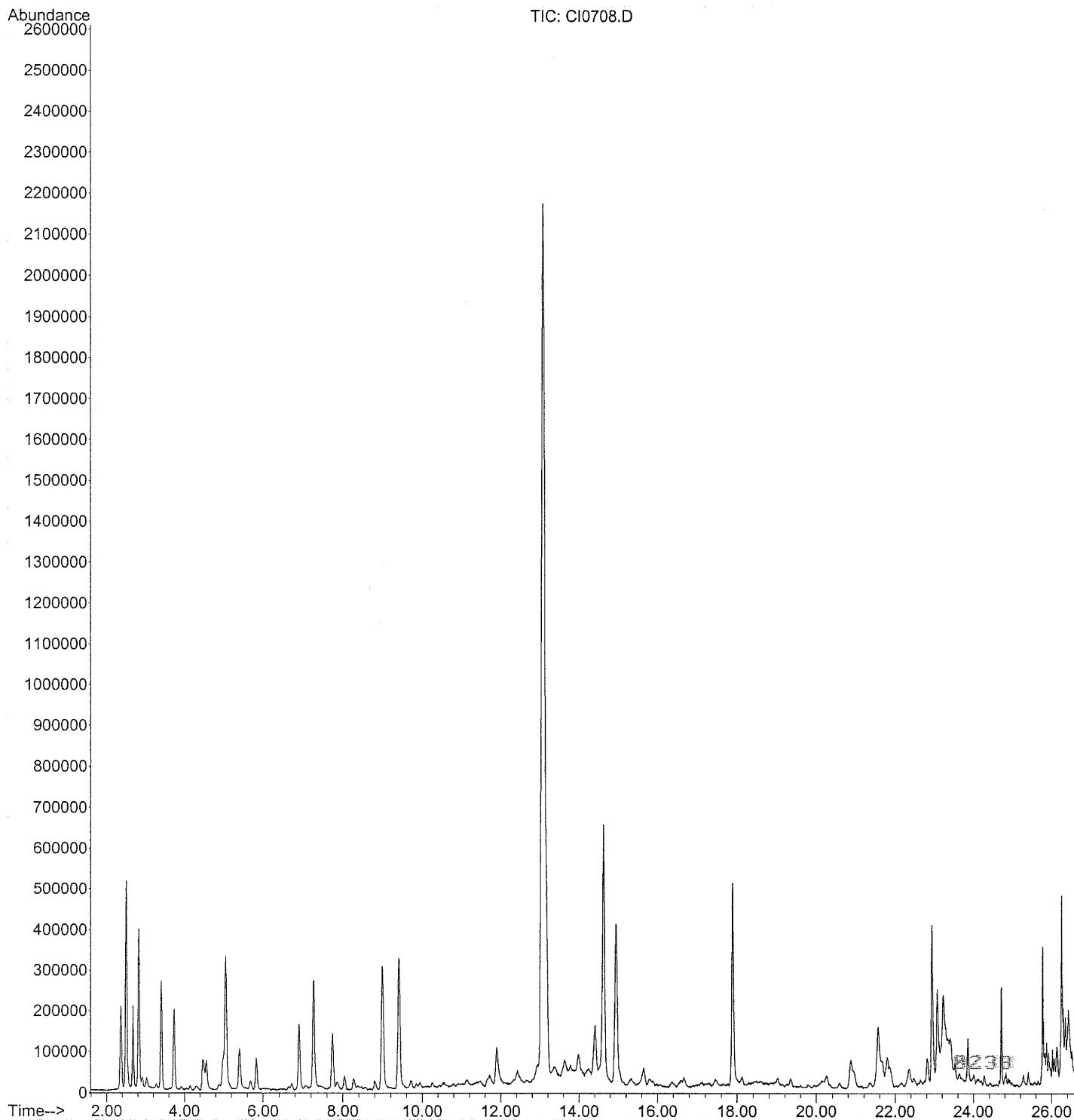
B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0708.D
Acq On : 29 Sep 2005 15:42
Operator : RDG
Sample : 4604359 DF50 500CC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Quant Time: Oct 11 12:53:53 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP28\
 Data File : CI0708.D
 Acq On : 29 Sep 2005 15:42
 Operator : RDG
 Sample : 4604359 DF50 500CC
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

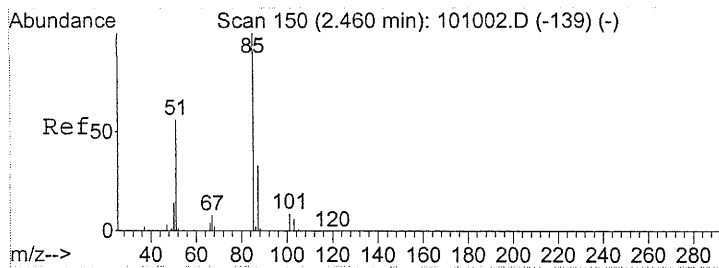
Quant Time: Oct 11 12:53:53 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Wed Sep 28 17:23:56 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	1866413	10.000		-0.09
37) 1,4-Difluorobenzene	8.99	114	5770011	10.000		-0.13
51) Chlorobenzene d5	14.95	117	5780893	10.000		-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Dichlorodifluoromethane	2.53	85	134697	0.344	PPB	96
7) Vinyl Chloride	2.83	62	282331	1.841	PPB	89
15) 1,1-Dichloroethene	4.29	61	63643	0.241	PPB #	79
30) cis-1,2-Dichloroethene	6.91	61	1399900	6.720	PPB	96
39) Benzene	8.27	78	431641	1.021	PPB	99
42) Trichloroethene	9.40	130	2411874	7.382	PPB	97
52) Toluene	11.90	91	1740063	1.996	PPB	96
57) Tetrachloroethene	13.07	166	18478459	32.613	PPB	99
63) Ethylbenzene	15.35	91	164526	0.222	PPB #	39
64) m/p-Xylene	15.65	91	428144	0.722	PPB	97
65) o-Xylene	16.60	91	109869	0.208	PPB #	48
75) 1,2,4-Trimethylbenzene	20.13	105	163065	0.210	PPB #	25

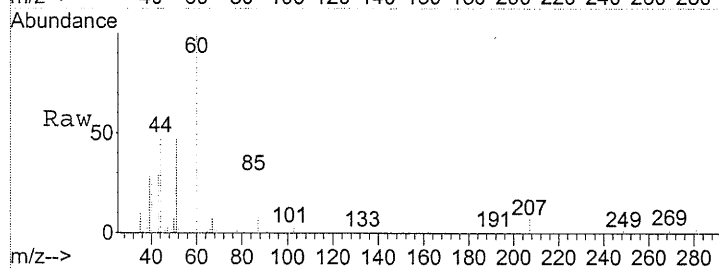
(#) = qualifier out of range (m) = manual integration (+) = signals summed

8239

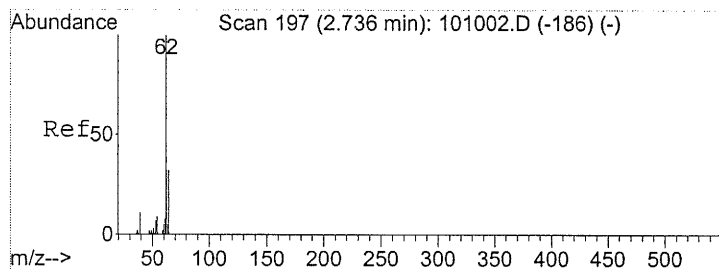
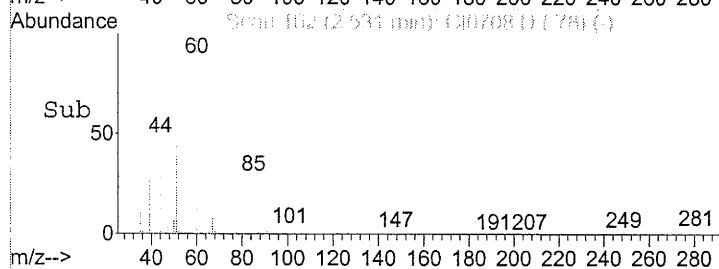
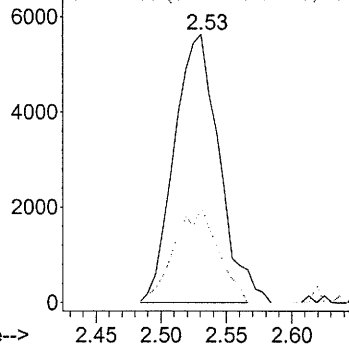


#3
 Dichlorodifluoromethane
 Concen: 0.34 PPB
 RT: 2.53 min Scan# 162
 Delta R.T. -0.00 min
 Lab File: CI0708.D
 Acq: 29 Sep 2005 15:42

Tgt Ion: 85 Resp: 134697
 Ion Ratio Lower Upper
 85 100
 87 34.4 25.7 38.5

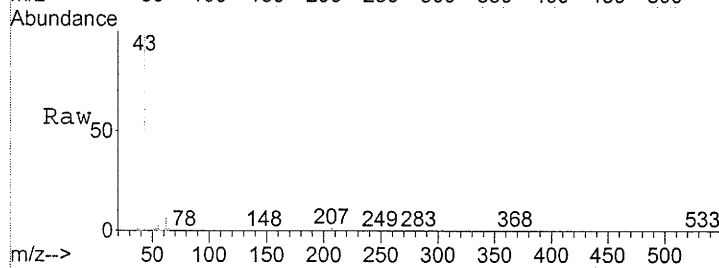


Abundance Ion 85.00 (84.70 to 85.70): ClO
 Ion 87.00 (86.70 to 87.70): ClO

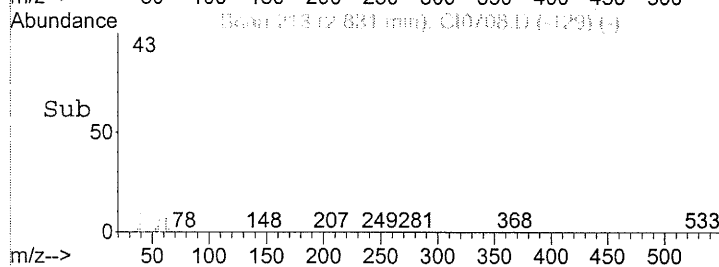
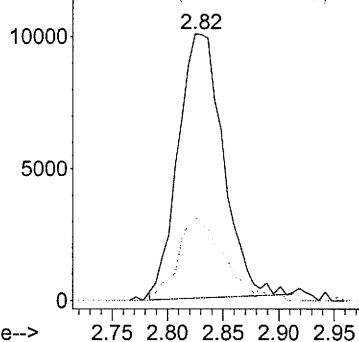


#7
 Vinyl Chloride
 Concen: 1.84 PPB
 RT: 2.83 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: CI0708.D
 Acq: 29 Sep 2005 15:42

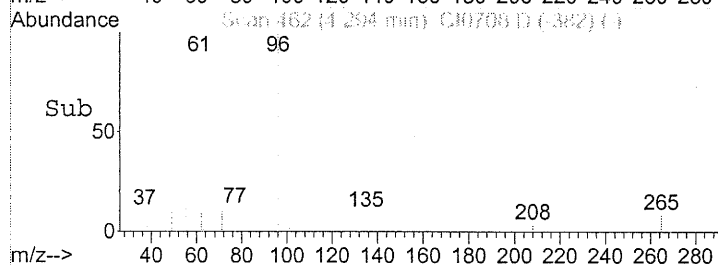
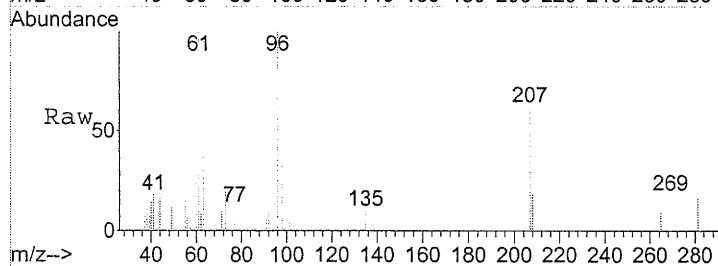
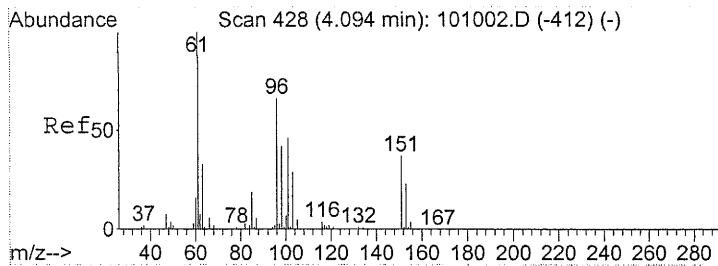
Tgt Ion: 62 Resp: 282331
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.8 35.6



Abundance Ion 62.00 (61.70 to 62.70): ClO
 Ion 64.00 (63.70 to 64.70): ClO

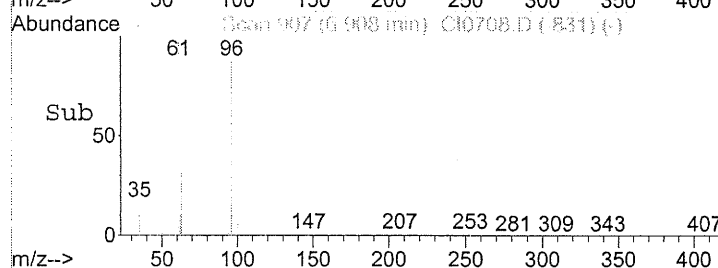
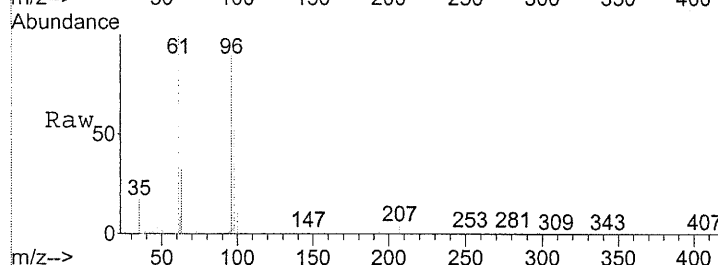
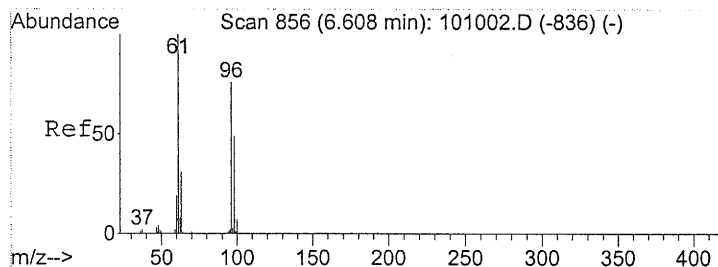
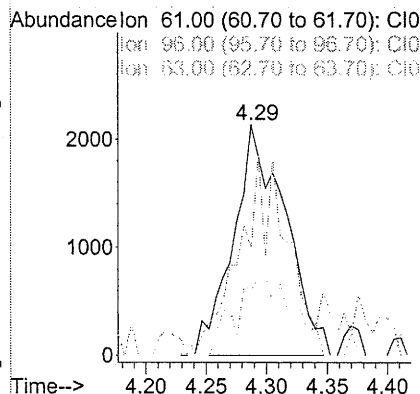


8248



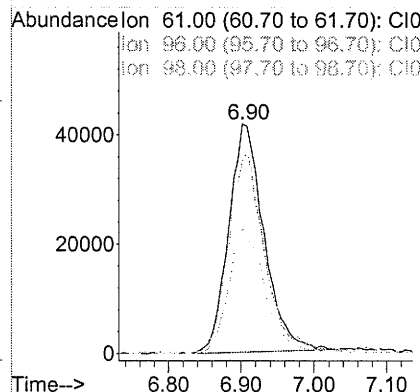
#15
1,1-Dichloroethene
Concen: 0.24 PPB
RT: 4.29 min Scan# 462
Delta R.T. -0.03 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion	Ratio	Lower	Upper
61	100		
96	70.4	53.0	79.6
63	0.0	24.6	36.8#

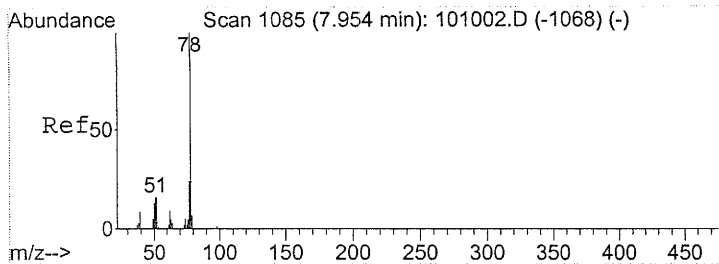


#30
cis-1,2-Dichloroethene
Concen: 6.72 PPB
RT: 6.91 min Scan# 907
Delta R.T. -0.06 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion	Ratio	Lower	Upper
61	100		
96	88.7	66.6	99.8
98	56.1	43.7	65.5



0241



#39

Benzene

Concen: 1.02 PPB

RT: 8.27 min Scan# 1139

Delta R.T. -0.12 min

Lab File: CI0708.D

Acq: 29 Sep 2005 15:42

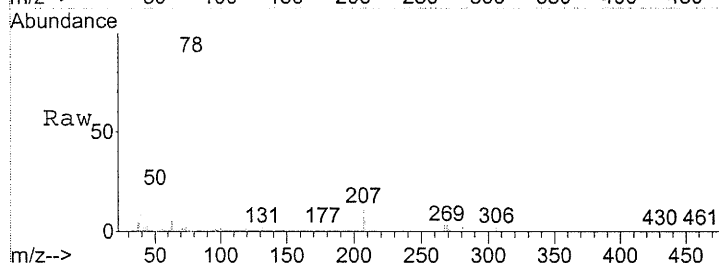
Tgt Ion: 78 Resp: 431641

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

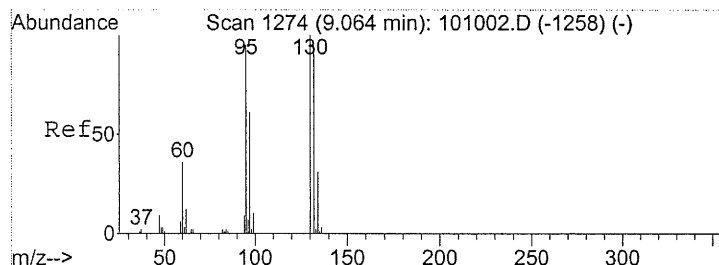
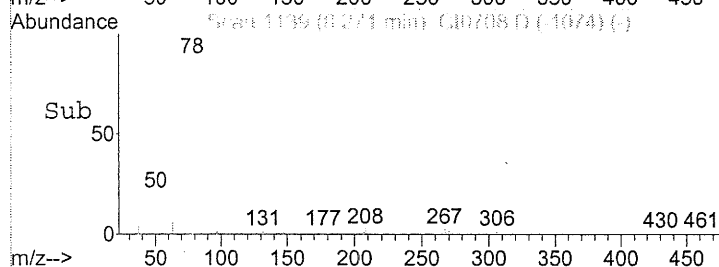
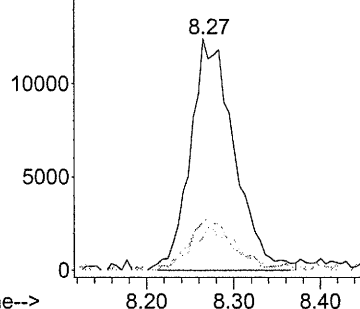
50 18.8 15.7 23.5



Abundance Ion 78.00 (77.70 to 78.70): CI0

Ion 77.00 (76.70 to 77.70): CI0

Ion 50.00 (49.70 to 50.70): CI0



#42

Trichloroethene

Concen: 7.38 PPB

RT: 9.40 min Scan# 1332

Delta R.T. -0.11 min

Lab File: CI0708.D

Acq: 29 Sep 2005 15:42

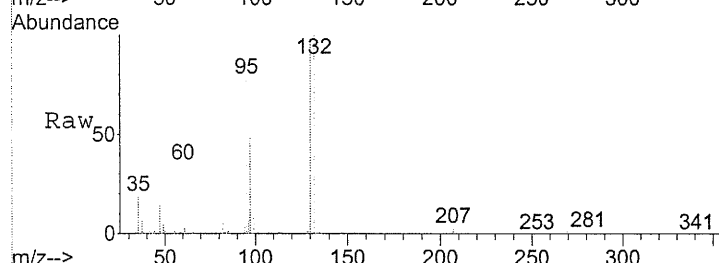
Tgt Ion: 130 Resp: 2411874

Ion Ratio Lower Upper

130 100

132 96.5 79.0 118.6

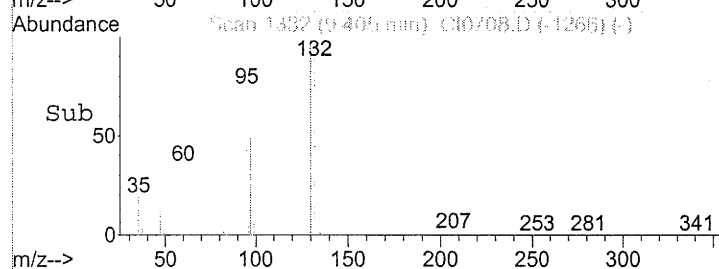
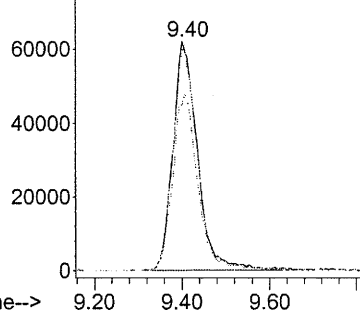
95 78.6 66.1 99.1



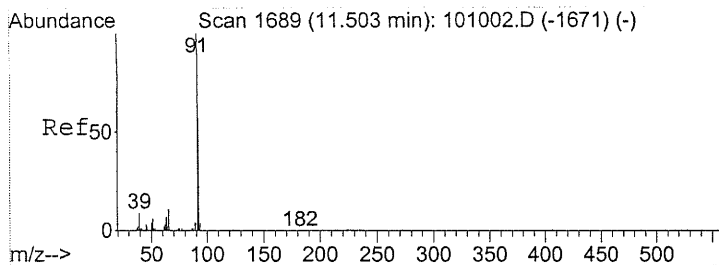
Abundance Ion 130.00 (129.70 to 130.70): CI0

Ion 132.00 (131.70 to 132.70): CI0

Ion 95.00 (94.70 to 95.70): CI0

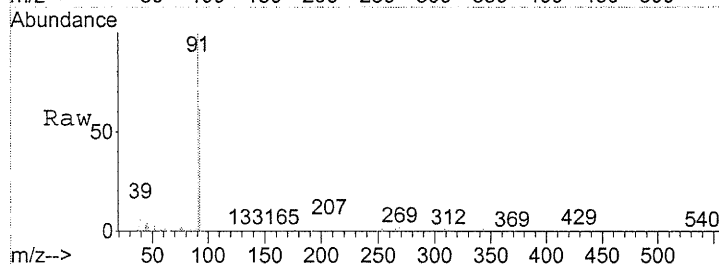


8242

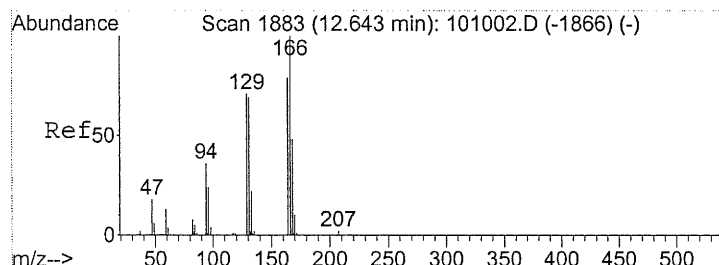
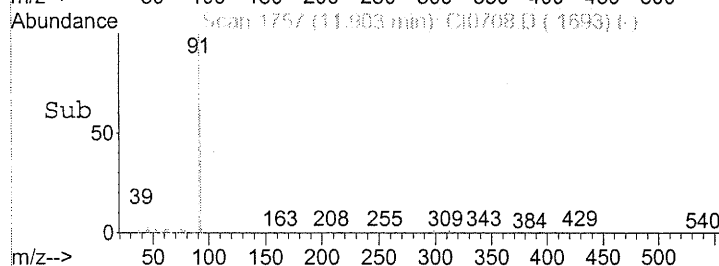
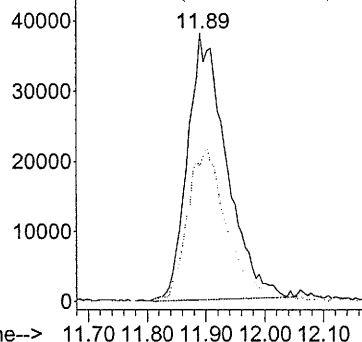


#52
Toluene
Concen: 2.00 PPB
RT: 11.90 min Scan# 1757
Delta R.T. -0.12 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion: 91 Resp: 1740063
Ion Ratio Lower Upper
91 100
92 59.9 45.4 68.0

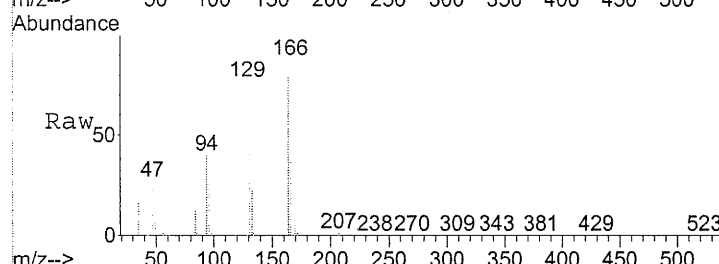


Abundance Ion 91.00 (90.70 to 91.70): ClO
Ion 92.00 (91.70 to 92.70): ClO

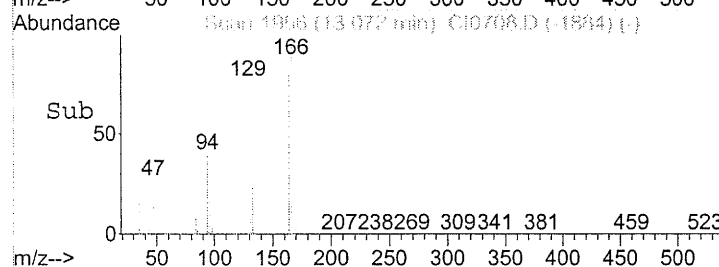
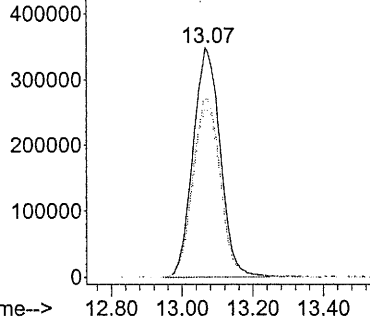


#57
Tetrachloroethene
Concen: 32.61 PPB
RT: 13.07 min Scan# 1956
Delta R.T. -0.07 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

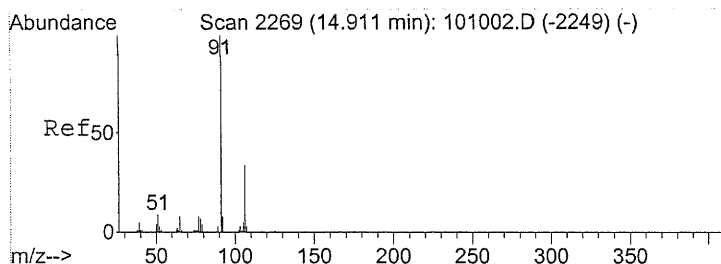
Tgt Ion: 166 Resp: 18478459
Ion Ratio Lower Upper
166 100
164 78.8 63.0 94.6
131 74.8 61.1 91.7



Abundance Ion 166.00 (165.70 to 166.70): C
Ion 164.00 (163.70 to 164.70): C
Ion 131.00 (130.70 to 131.70): C

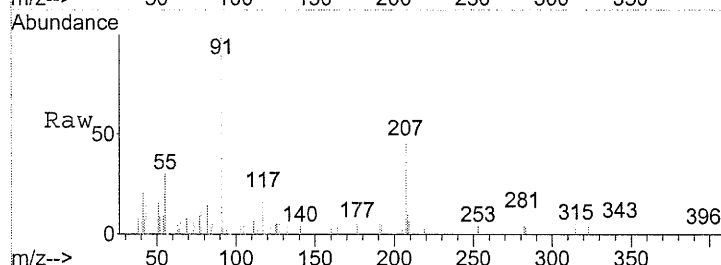


8243

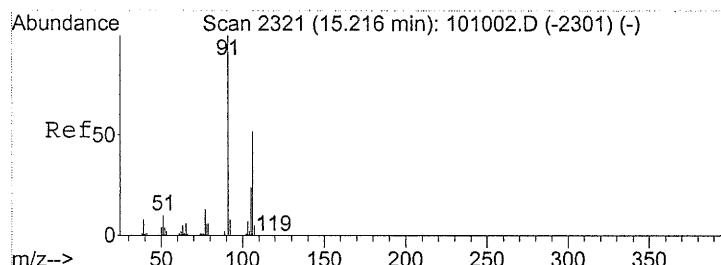
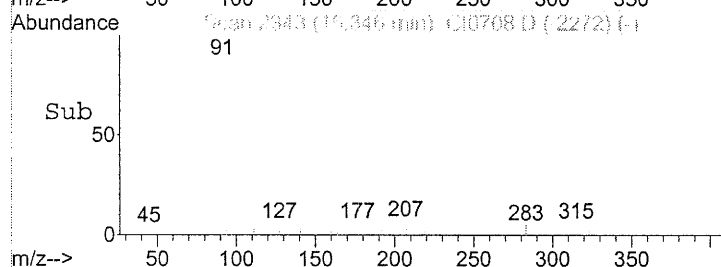
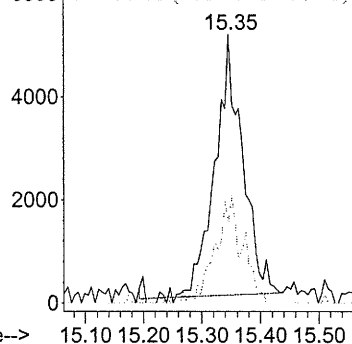


#63
Ethylbenzene
Concen: 0.22 PPB
RT: 15.35 min Scan# 2343
Delta R.T. -0.08 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion: 91 Resp: 164526
Ion Ratio Lower Upper
91 100
106 0.0 28.8 43.2#

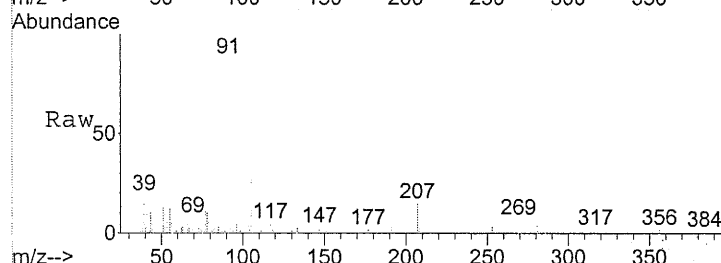


Abundance Ion 91.00 (90.70 to 91.70): ClO
Ion 106.00 (105.70 to 106.70):

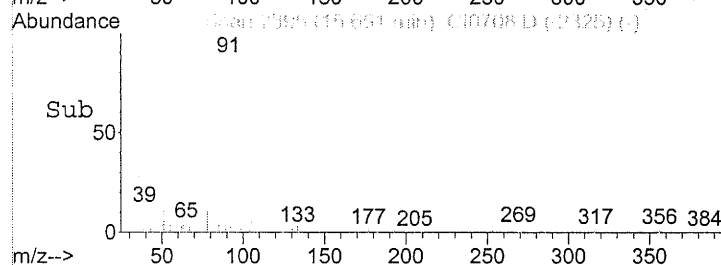
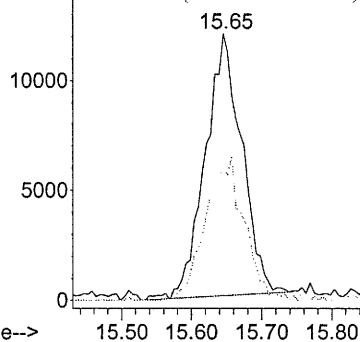


#64
m/p-Xylene
Concen: 0.72 PPB
RT: 15.65 min Scan# 2395
Delta R.T. -0.09 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

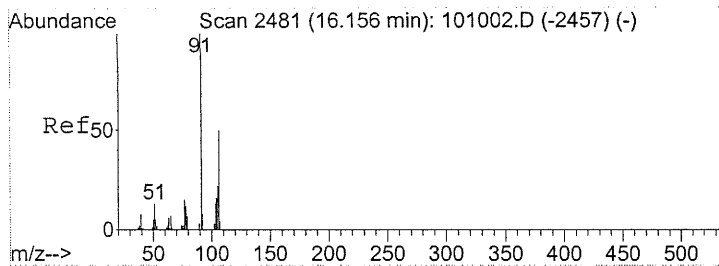
Tgt Ion: 91 Resp: 428144
Ion Ratio Lower Upper
91 100
106 58.4 45.0 67.4



Abundance Ion 91.00 (90.70 to 91.70): ClO
Ion 106.00 (105.70 to 106.70):

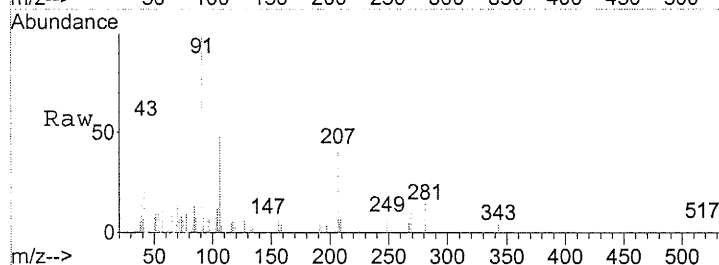


0244

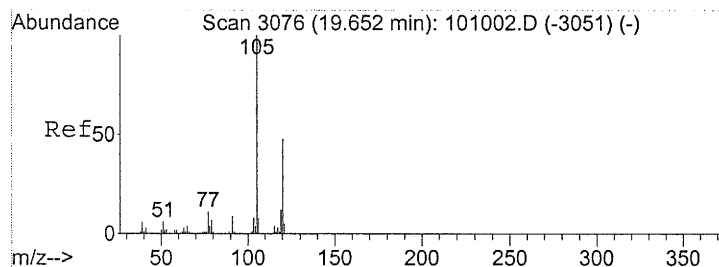
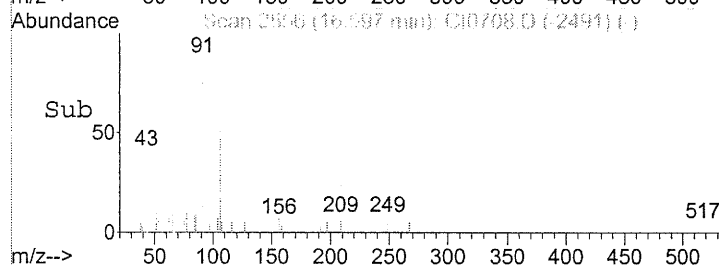
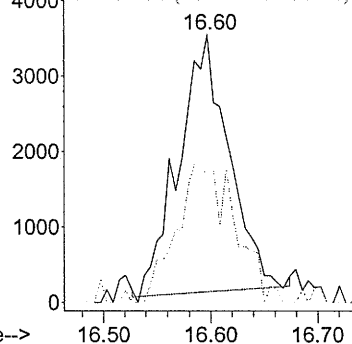


#65
o-Xylene
Concen: 0.21 PPB
RT: 16.60 min Scan# 2556
Delta R.T. -0.11 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion: 91 Resp: 109869
Ion Ratio Lower Upper
91 100
106 16.9 43.4 65.0#

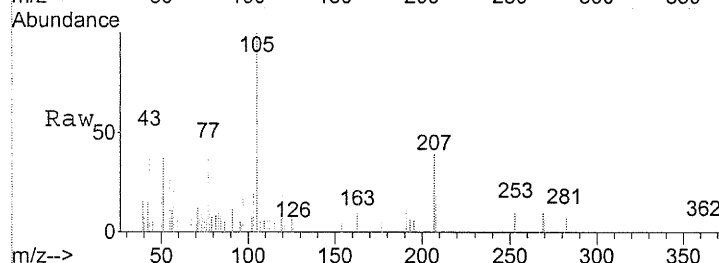


Abundance Ion 91.00 (90.70 to 91.70): CI0
Ion 106.00 (105.70 to 106.70):

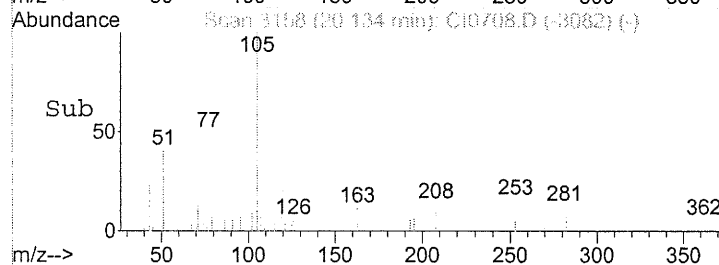
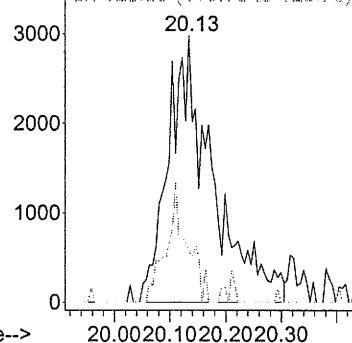


#75
1,2,4-Trimethylbenzene
Concen: 0.21 PPB
RT: 20.13 min Scan# 3158
Delta R.T. -0.05 min
Lab File: CI0708.D
Acq: 29 Sep 2005 15:42

Tgt Ion: 105 Resp: 163065
Ion Ratio Lower Upper
105 100
120 0.0 42.3 63.5#



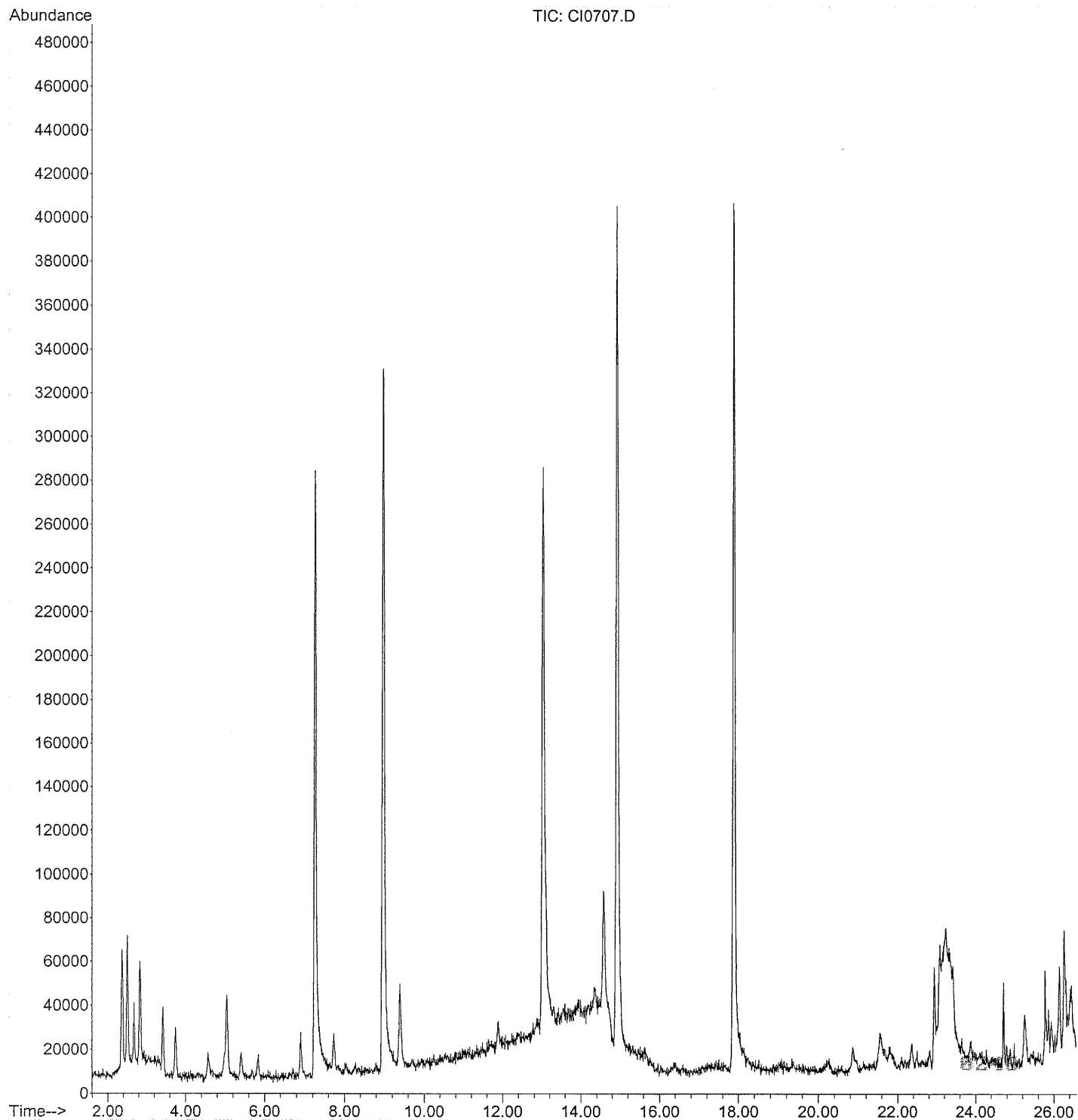
Abundance Ion 105.00 (104.70 to 105.70):
Ion 120.00 (119.70 to 120.70):



8245

Data Path : C:\MSDChem\1\DATA\SEP28\
Data File : CI0707.D
Acq On : 29 Sep 2005 15:04
Operator : RDG
Sample : 4604359 DF50 50CC
Misc :
ALS Vial : 76 Sample Multiplier: 1

Quant Time: Oct 04 12:20:23 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0707.D
Acq On : 29 Sep 2005 15:04
Operator : RDG
Sample : 4604359 DF50 50CC
Misc :
ALS Vial : 76 Sample Multiplier: 1

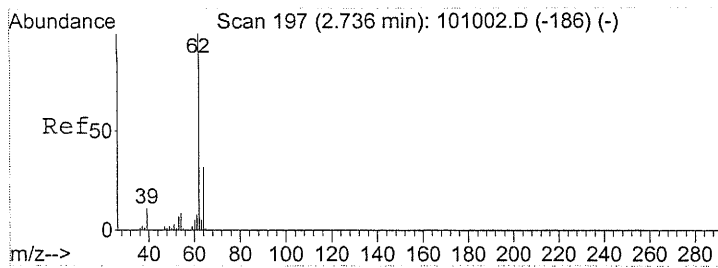
Quant Time: Oct 04 12:20:23 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.26	130	1891053	10.000		-0.09
37) 1,4-Difluorobenzene	8.97	114	6264941	10.000		-0.15
51) Chlorobenzene d5	14.92	117	5854200	10.000		-0.10

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Vinyl Chloride	2.85	62	36875	0.237	PPB	# 45
30) cis-1,2-Dichloroethene	6.91	61	161748	0.766	PPB	87
42) Trichloroethene	9.39	130	267972	0.755	PPB	83
52) Toluene	11.88	91	184862	0.209	PPB	96
57) Tetrachloroethene	13.02	166	1730329	3.016	PPB	98

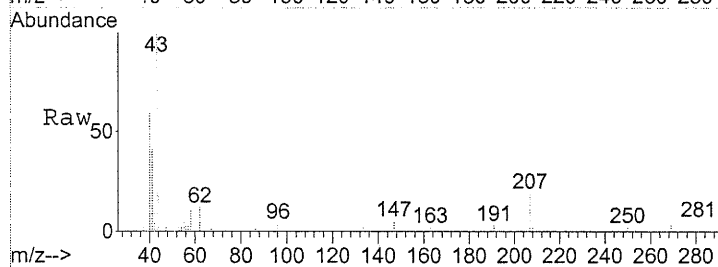
(#) = qualifier out of range (m) = manual integration (+) = signals summed

0247

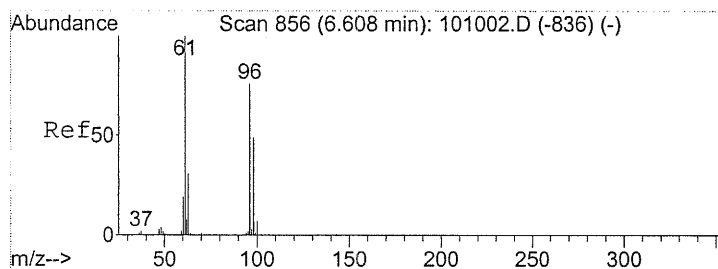
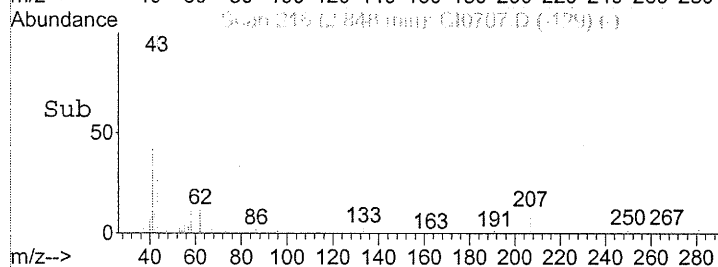
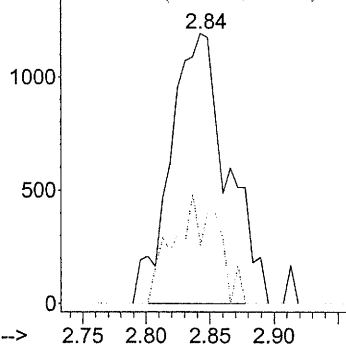


#7
 Vinyl Chloride
 Concen: 0.24 PPB
 RT: 2.85 min Scan# 216
 Delta R.T. 0.01 min
 Lab File: CI0707.D
 Acq: 29 Sep 2005 15:04

Tgt Ion: 62 Resp: 36875
 Ion Ratio Lower Upper
 62 100
 64 0.0 23.8 35.6#

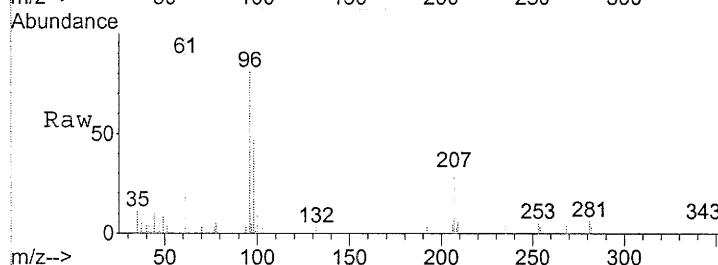


Abundance Ion 62.00 (61.70 to 62.70): C10
 Ion 64.00 (63.70 to 64.70): C10

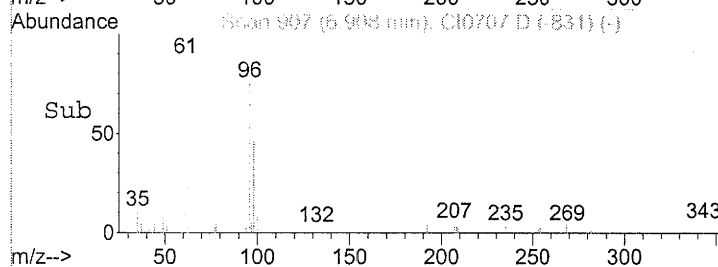
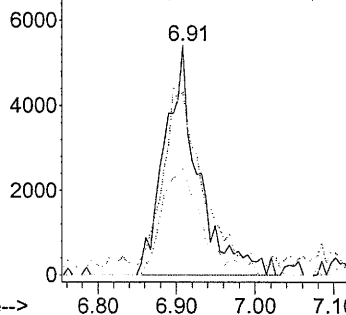


#30
 cis-1,2-Dichloroethene
 Concen: 0.77 PPB
 RT: 6.91 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: CI0707.D
 Acq: 29 Sep 2005 15:04

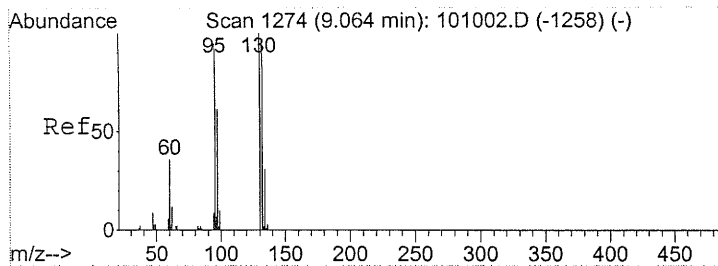
Tgt Ion: 61 Resp: 161748
 Ion Ratio Lower Upper
 61 100
 96 99.6 66.6 99.8
 98 51.8 43.7 65.5



Abundance Ion 61.00 (60.70 to 61.70): C10
 Ion 96.00 (95.70 to 96.70): C10
 Ion 98.00 (97.70 to 98.70): C10

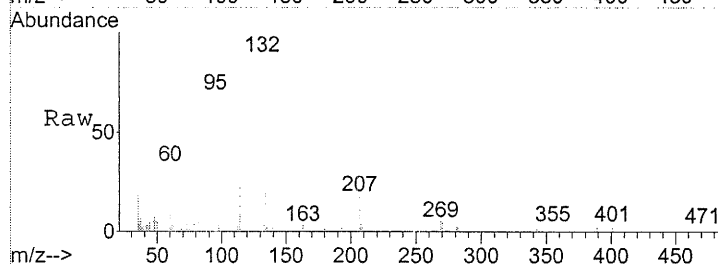


8248

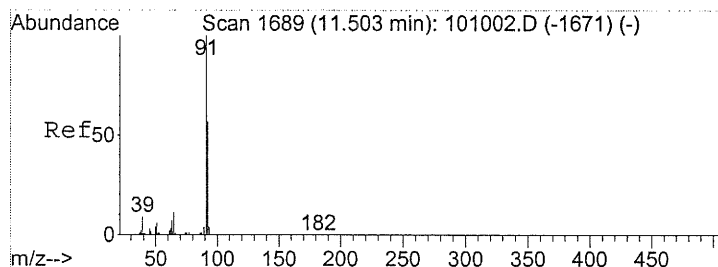
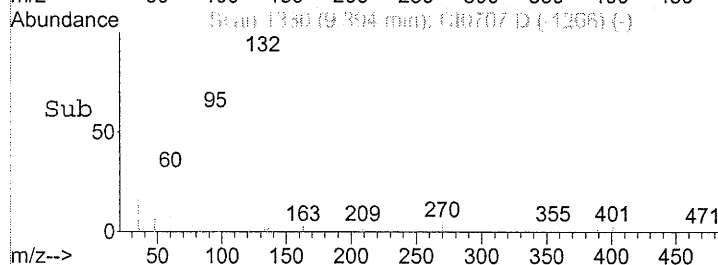
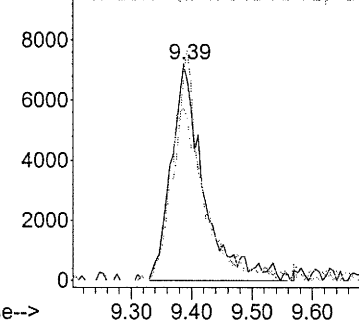


#42
Trichloroethene
Concen: 0.76 PPB
RT: 9.39 min Scan# 1330
Delta R.T. -0.12 min
Lab File: CI0707.D
Acq: 29 Sep 2005 15:04

Tgt Ion: 130 Resp: 267972
Ion Ratio Lower Upper
130 100
132 79.9 79.0 118.6
95 69.1 66.1 99.1

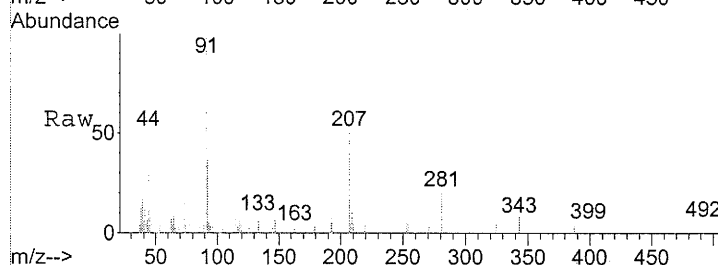


Abundance Ion 130.00 (129.70 to 130.70): C10
Ion 132.00 (131.70 to 132.70): C10
Ion 95.00 (94.70 to 95.70): C10

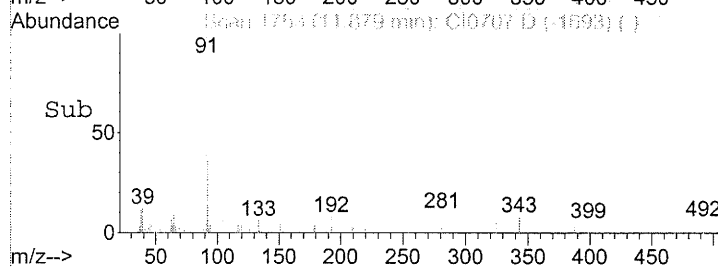
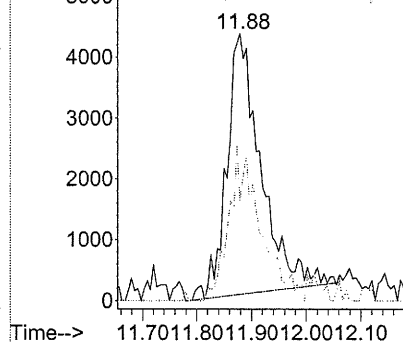


#52
Toluene
Concen: 0.21 PPB
RT: 11.88 min Scan# 1753
Delta R.T. -0.15 min
Lab File: CI0707.D
Acq: 29 Sep 2005 15:04

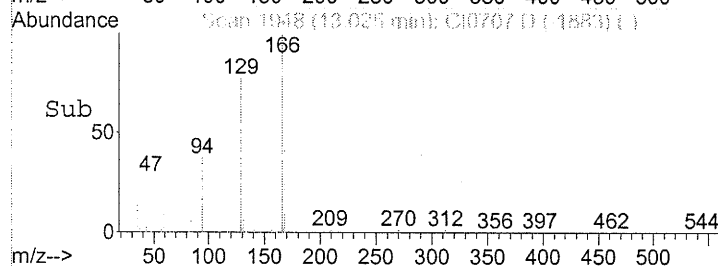
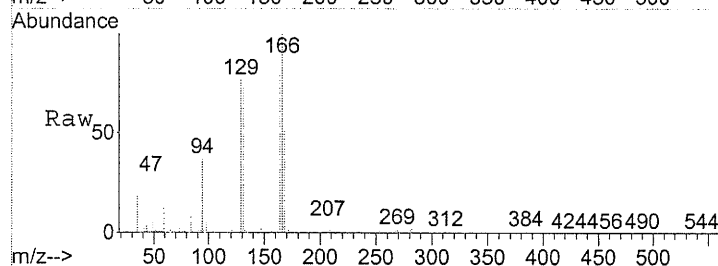
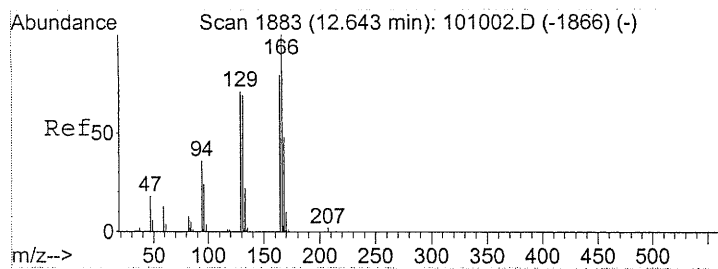
Tgt Ion: 91 Resp: 184862
Ion Ratio Lower Upper
91 100
92 59.4 45.4 68.0



Abundance Ion 91.00 (90.70 to 91.70): C10
Ion 92.00 (91.70 to 92.70): C10

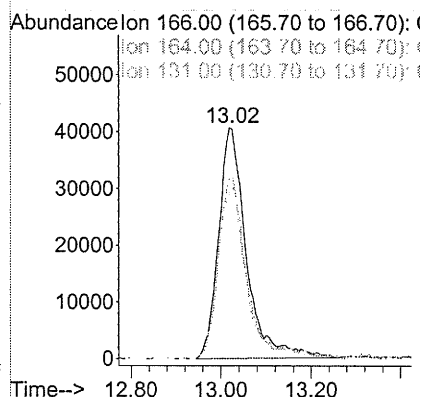


0249



#57
Tetrachloroethene
Concen: 3.02 PPB
RT: 13.02 min Scan# 1948
Delta R.T. -0.12 min
Lab File: CI0707.D
Acq: 29 Sep 2005 15:04

Tgt Ion:166 Resp: 1730329
Ion Ratio Lower Upper
166 100
164 81.9 63.0 94.6
131 77.1 61.1 91.7



8250

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG15G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604360 Date Analyzed: 09/29/05 Time Analyzed: 06:59
Canister ID: SUMMA0992 Pressure Rec'd: 14.6 psia Final Pressure: 29.2 psia
Injection Volume: 50 cc Nominal Volume: 250 cc Dilution Factor: 10.0
Instrument ID: HP09464 ¹⁹⁶ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0696.D
10-14-05

CAS RN	COMPOUND NAME	CONCENTRATION	UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	130		D
76-14-2	Freon 114	14		U
74-87-3	Chloromethane	8		J D
75-01-4	Vinyl Chloride	21		J D
74-83-9	Bromomethane	8		U
75-00-3	Chloroethane	5		U
75-69-4	Trichlorofluoromethane	11		U
75-35-4	1,1-Dichloroethene	8		U
76-13-1	Freon 113	38		U
107-05-1	3-Chloropropene	16		U
75-09-2	Methylene Chloride	17		U
75-34-3	1,1-Dichloroethane	8		U
156-59-2	cis-1,2-Dichloroethene	36		J D
67-66-3	Chloroform	10		U
71-55-6	1,1,1-Trichloroethane	11		U
56-23-5	Carbon Tetrachloride	13		U
107-06-2	1,2-Dichloroethane	13		J D
71-43-2	Benzene	6		U
79-01-6	Trichloroethene	42		J D
78-87-5	1,2-Dichloropropane	9		U
10061-01-5	cis-1,3-Dichloropropene	9		U
108-88-3	Toluene	110		D
10061-02-6	trans-1,3-Dichloropropene	9		U
79-00-5	1,1,2-Trichloroethane	11		U
127-18-4	Tetrachloroethene	1000		D
106-93-4	1,2-Dibromoethane	15		U
108-90-7	Chlorobenzene	9		U
100-41-4	Ethylbenzene	17		J D
1330-20-7	m/p-Xylene	39		J D
95-47-6	o-Xylene	15		J D
100-42-5	Styrene	12		J D
79-34-5	1,1,2,2-Tetrachloroethane	14		U
622-96-8	4-Ethyltoluene	10		U
108-67-8	1,3,5-Trimethylbenzene	10		U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG15G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604360 Date Analyzed: 09/29/05 Time Analyzed: 06:59
Canister ID: SUMMA0992 Pressure Rec'd: 14.6 psia Final Pressure: 29.2 psia
Injection Volume: 50 cc Nominal Volume: 250 cc Dilution Factor: 10.0
Instrument ID: HP09464 ¹⁰⁻¹⁴⁻⁰⁵ Lab File ID: C:\MSDCHEM\1\DATA\SEP28\CI0696.D

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	12	J D
541-73-1	1,3-Dichlorobenzene	30	U
106-46-7	1,4-Dichlorobenzene	30	U
95-50-1	1,2-Dichlorobenzene	30	U
120-82-1	1,2,4-Trichlorobenzene	74	U

U = Compound was undetected at the specified limit of quantitation.

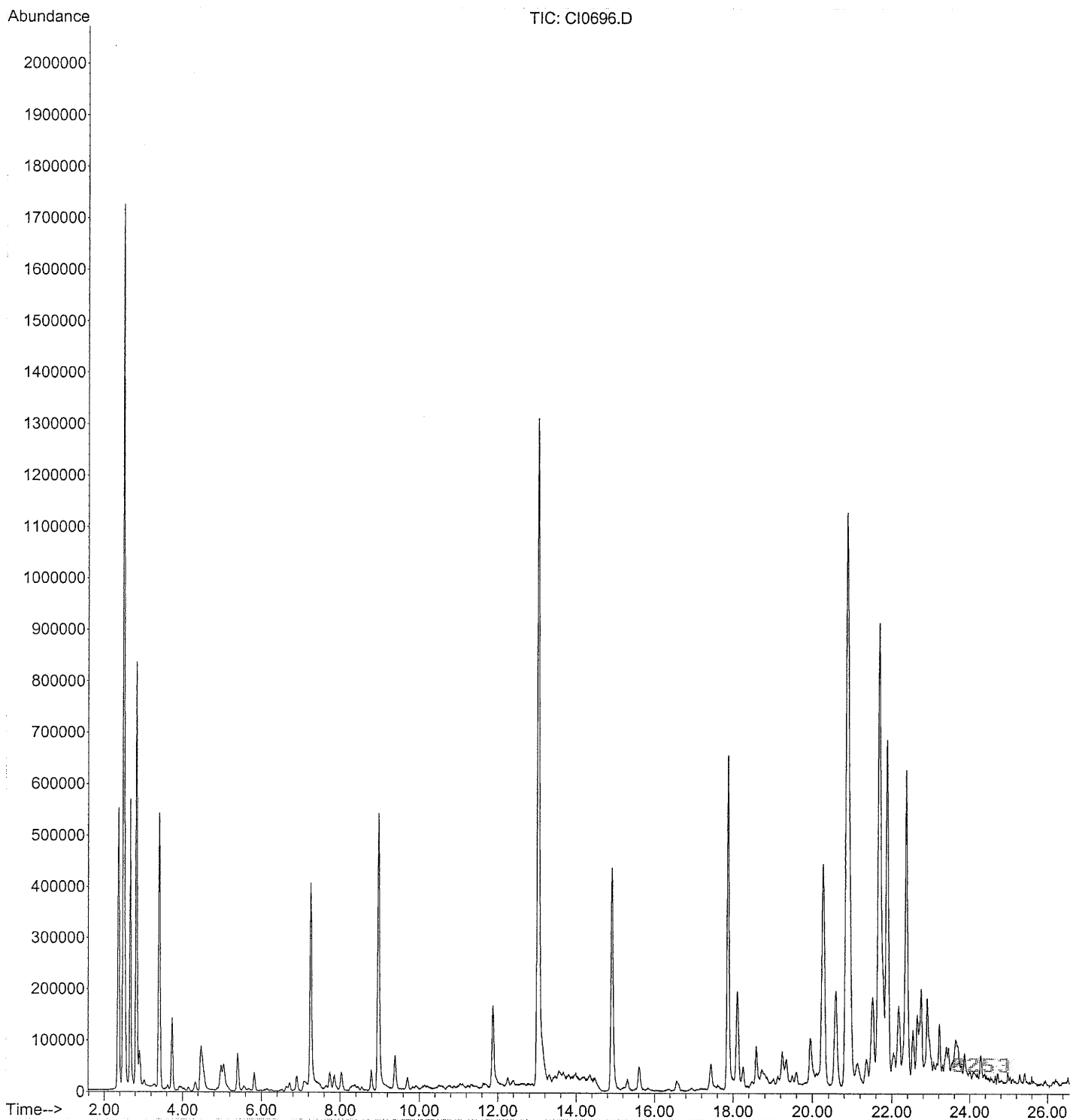
B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

Data Path : C:\MSDCHEM\1\DATA\SEP28\
Data File : CI0696.D
Acq On : 29 Sep 2005 6:59
Operator : RDG
Sample : 4604360 50CC
Misc :
ALS Vial : 77 Sample Multiplier: 1

Quant Time: Oct 04 12:21:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Wed Sep 28 17:23:56 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP28\
 Data File : CI0696.D
 Acq On : 29 Sep 2005 6:59
 Operator : RDG
 Sample : 4604360 50CC
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

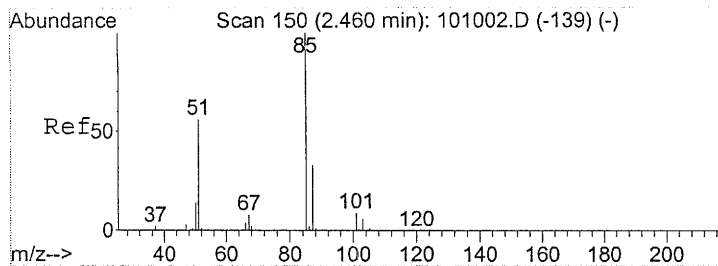
Quant Time: Oct 04 12:21:54 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Wed Sep 28 17:23:56 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.26	130	2500567	10.000		-0.09
37) 1,4-Difluorobenzene	8.97	114	8657586	10.000		-0.15
51) Chlorobenzene d5	14.91	117	6213099	10.000		-0.11

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Dichlorodifluoromethane	2.53	85	1404513	2.677	PPB	99
6) Chloromethane	2.67	50	102576	0.370	PPB	# 52
7) Vinyl Chloride	2.83	62	170423	0.829	PPB	93
30) cis-1,2-Dichloroethene	6.91	61	254810	0.913	PPB	98
38) 1,2-Dichloroethane	8.32	62	98176	0.329	PPB	93
42) Trichloroethene	9.39	130	381963	0.779	PPB	95
52) Toluene	11.88	91	2702089	2.883	PPB	98
57) Tetrachloroethene	13.02	166	8949728	14.697	PPB	99
63) Ethylbenzene	15.31	91	302765	0.380	PPB	99
64) m/p-Xylene	15.61	91	570315	0.895	PPB	100
65) o-Xylene	16.57	91	200708	0.353	PPB	97
66) Styrene	16.62	104	135100	0.287	PPB	# 100
72) 4-Ethyltoluene	18.87	105	-6709	Below Cal		# 1
75) 1,2,4-Trimethylbenzene	20.09	105	211214	0.253	PPB	# 84

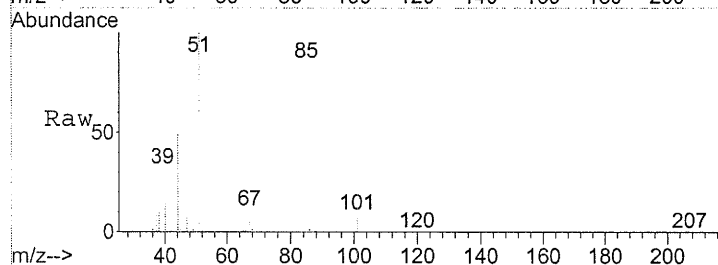
(#) = qualifier out of range (m) = manual integration (+) = signals summed

0254

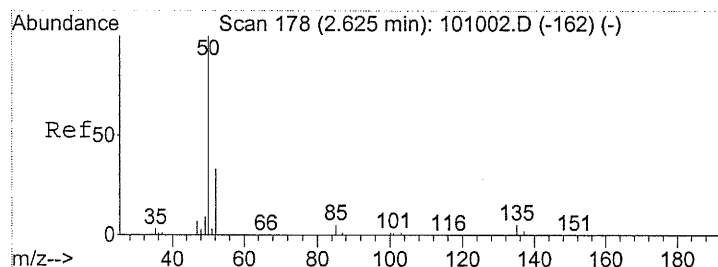
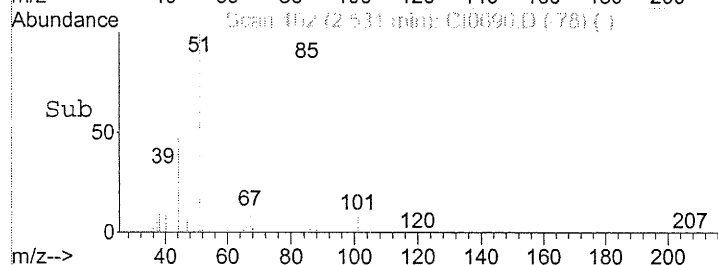
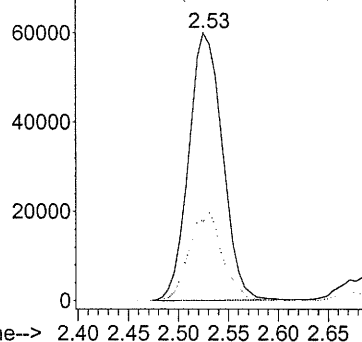


#3
 Dichlorodifluoromethane
 Concen: 2.68 PPB
 RT: 2.53 min Scan# 162
 Delta R.T. -0.01 min
 Lab File: CI0696.D
 Acq: 29 Sep 2005 6:59

Tgt Ion: 85 Resp: 1404513
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.7 38.5

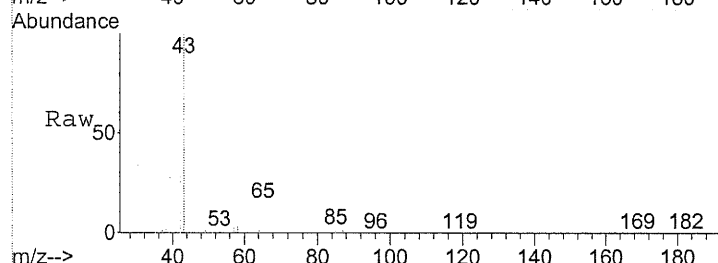


Abundance Ion 85.00 (84.70 to 85.70): ClO
 Ion 87.00 (86.70 to 87.70): ClO

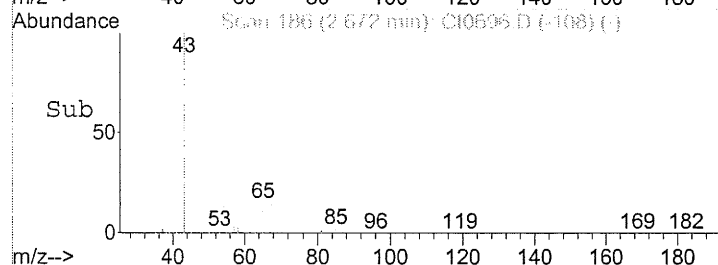
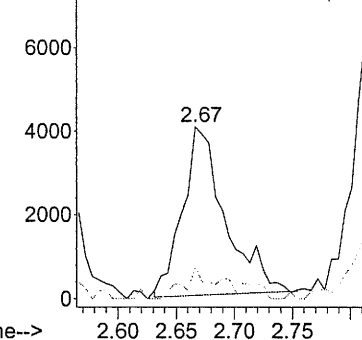


#6
 Chloromethane
 Concen: 0.37 PPB
 RT: 2.67 min Scan# 186
 Delta R.T. -0.04 min
 Lab File: CI0696.D
 Acq: 29 Sep 2005 6:59

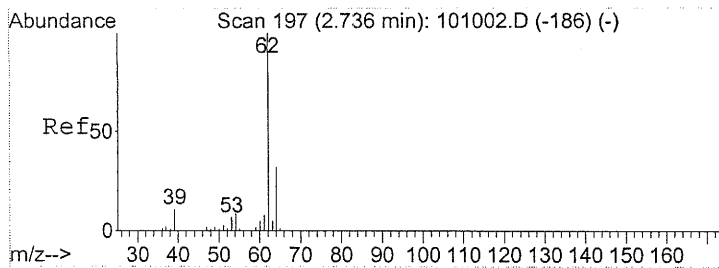
Tgt Ion: 50 Resp: 102576
 Ion Ratio Lower Upper
 50 100
 52 0.0 18.6 28.0#



Abundance Ion 50.00 (49.70 to 50.70): ClO
 Ion 52.00 (51.70 to 52.70): ClO

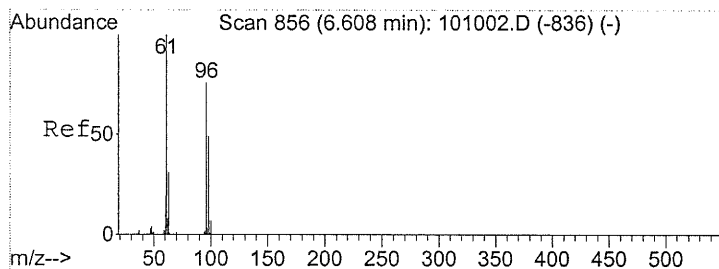
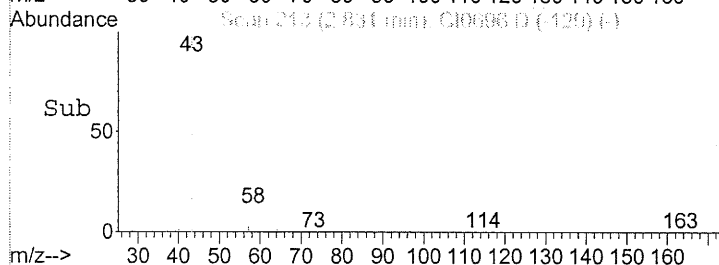
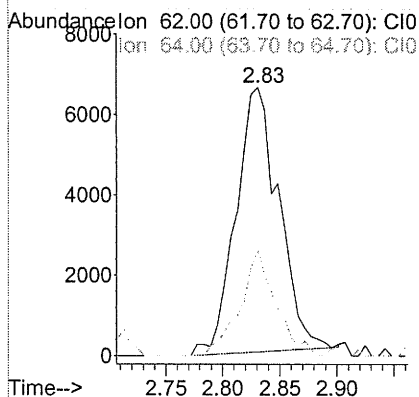
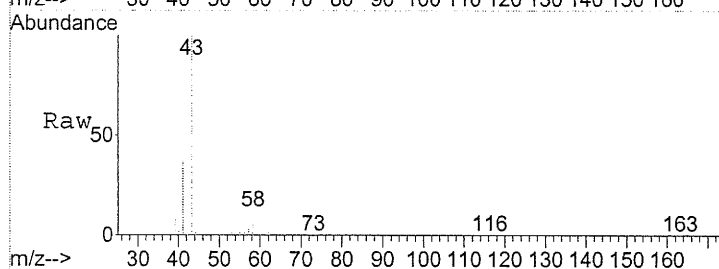


0255



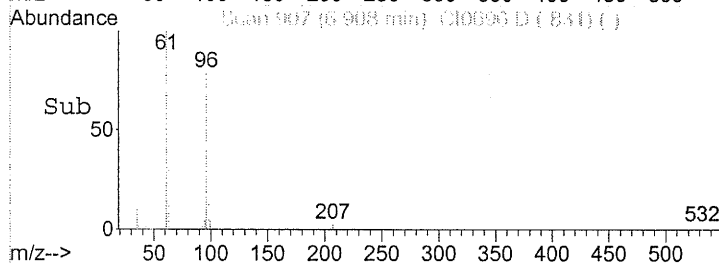
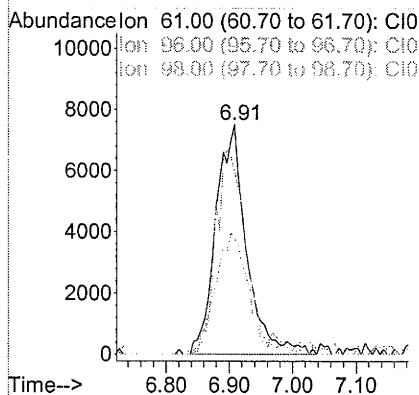
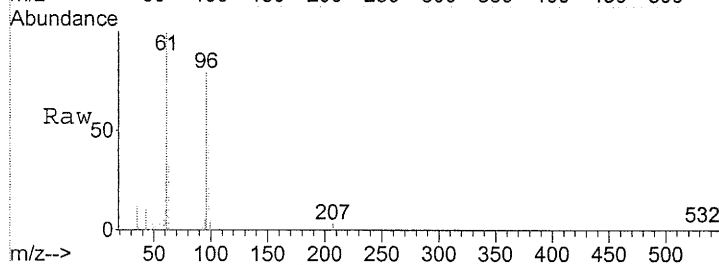
#7
 Vinyl Chloride
 Concen: 0.83 PPB
 RT: 2.83 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: CI0696.D
 Acq: 29 Sep 2005 6:59

Tgt Ion: 62 Resp: 170423
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.8 35.6

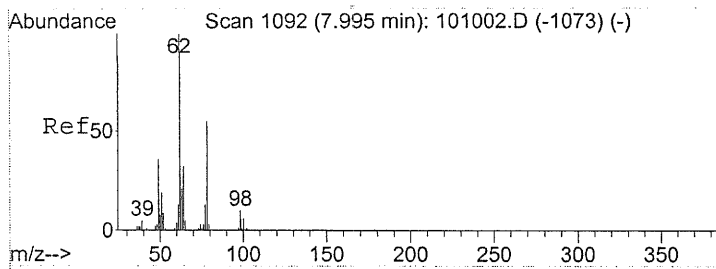


#30
 cis-1,2-Dichloroethene
 Concen: 0.91 PPB
 RT: 6.91 min Scan# 907
 Delta R.T. -0.05 min
 Lab File: CI0696.D
 Acq: 29 Sep 2005 6:59

Tgt Ion: 61 Resp: 254810
 Ion Ratio Lower Upper
 61 100
 96 84.5 66.6 99.8
 98 56.7 43.7 65.5

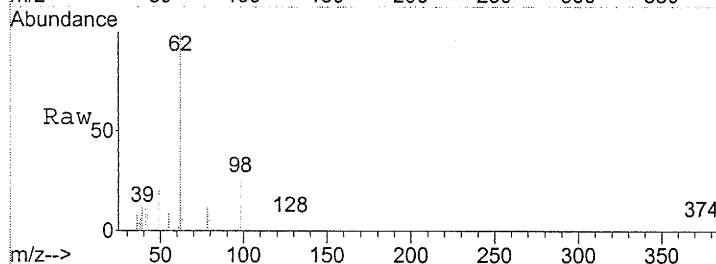


8256

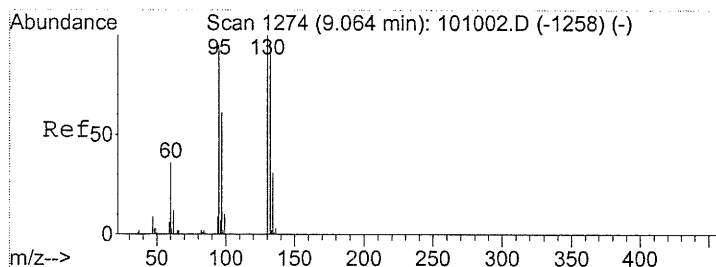
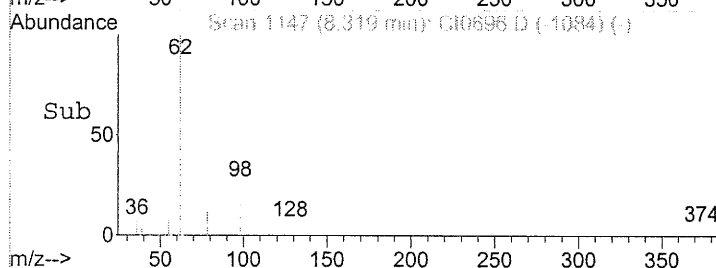
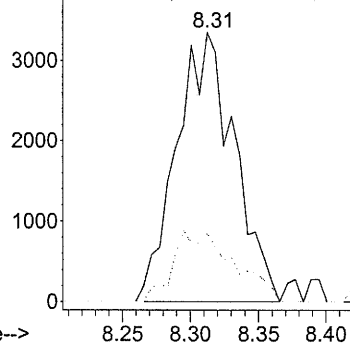


#38
1,2-Dichloroethane
Concen: 0.33 PPB
RT: 8.32 min Scan# 1147
Delta R.T. -0.13 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 62 Resp: 98176
Ion Ratio Lower Upper
62 100
64 27.4 25.0 37.4

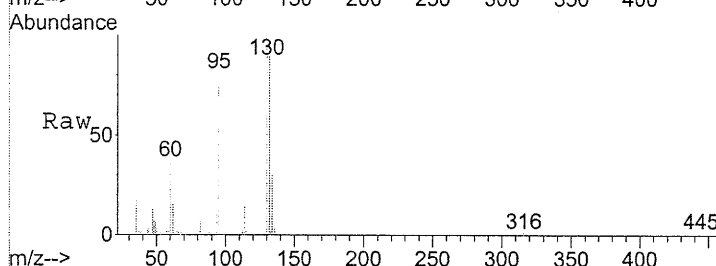


Abundance Ion 62.00 (61.70 to 62.70): ClO
Ion 64.00 (63.70 to 64.70): ClO

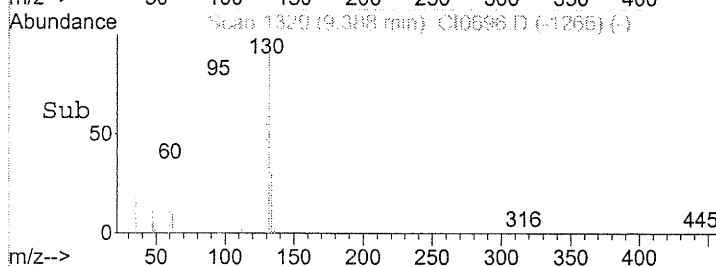
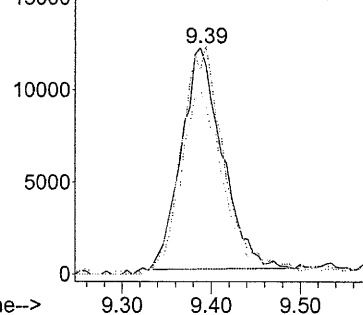


#42
Trichloroethene
Concen: 0.78 PPB
RT: 9.39 min Scan# 1329
Delta R.T. -0.13 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

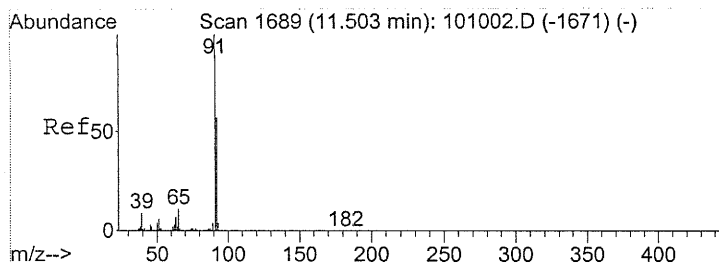
Tgt Ion: 130 Resp: 381963
Ion Ratio Lower Upper
130 100
132 106.0 79.0 118.6
95 83.8 66.1 99.1



Abundance Ion 130.00 (129.70 to 130.70): Cl
Ion 132.00 (131.70 to 132.70): Cl
Ion 95.00 (94.70 to 95.70): ClO

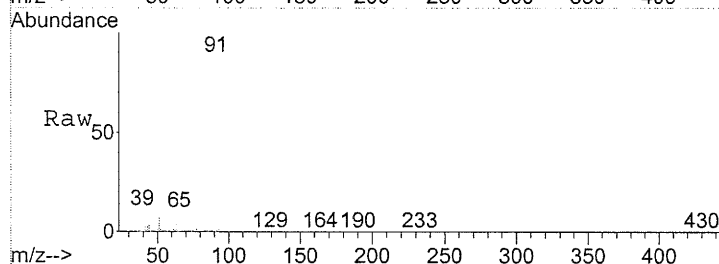


0257

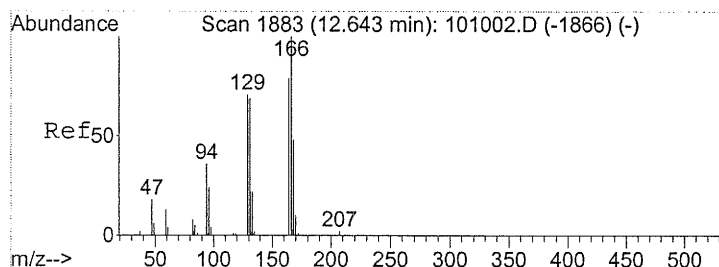
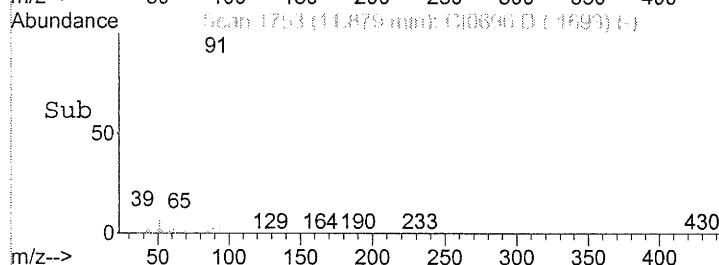
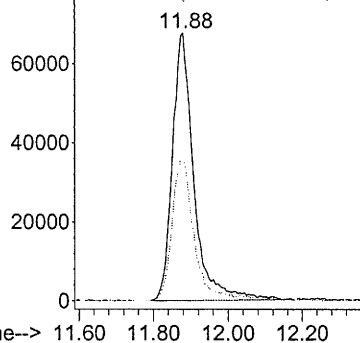


#52
Toluene
Concen: 2.88 PPB
RT: 11.88 min Scan# 1753
Delta R.T. -0.15 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 91 Resp: 2702089
Ion Ratio Lower Upper
91 100
92 54.9 45.4 68.0

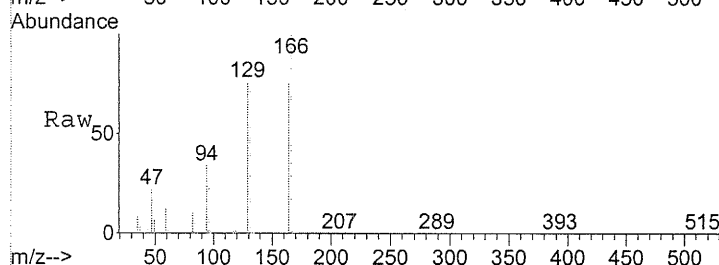


Abundance Ion 91.00 (90.70 to 91.70): C10
Ion 92.00 (91.70 to 92.70): C10

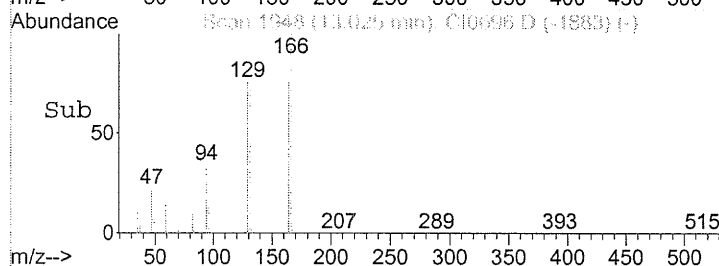
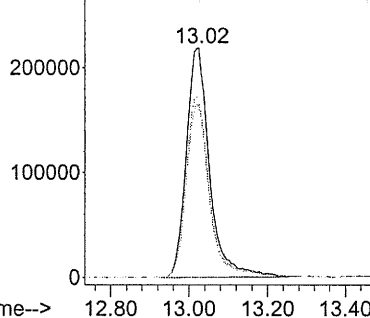


#57
Tetrachloroethene
Concen: 14.70 PPB
RT: 13.02 min Scan# 1948
Delta R.T. -0.12 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

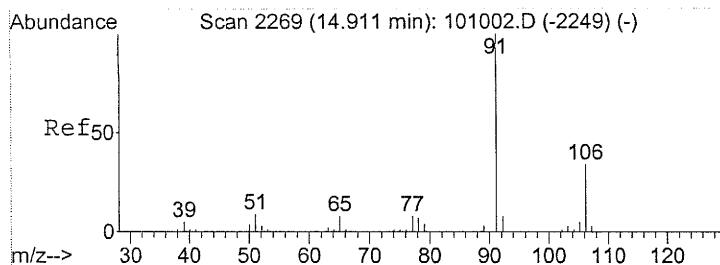
Tgt Ion: 166 Resp: 8949728
Ion Ratio Lower Upper
166 100
164 79.6 63.0 94.6
131 75.4 61.1 91.7



Abundance Ion 166.00 (165.70 to 166.70): C
Ion 164.00 (163.70 to 164.70): C
Ion 131.00 (130.70 to 131.70): C

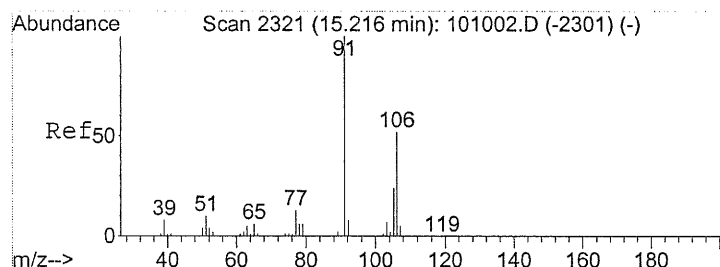
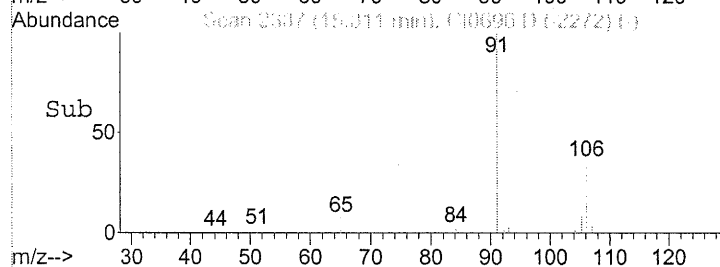
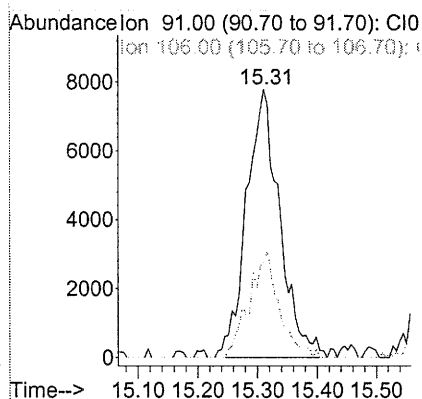
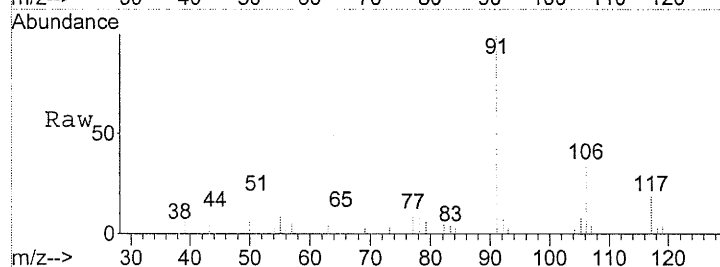


0258



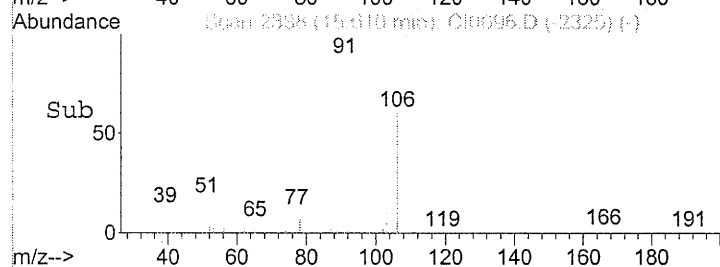
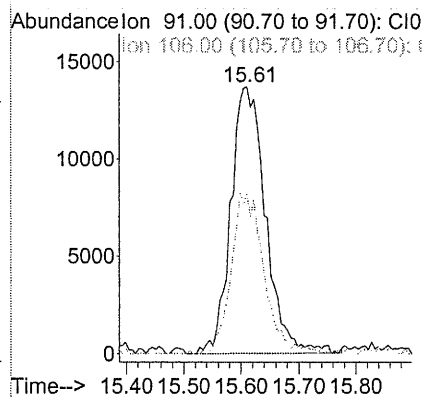
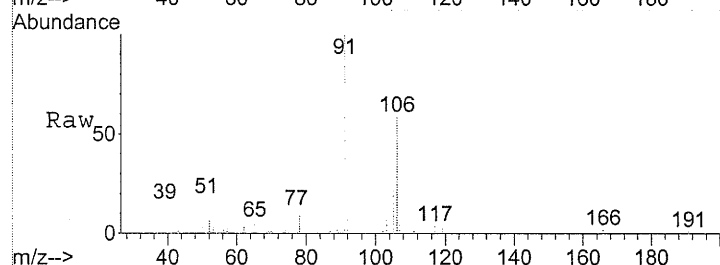
#63
Ethylbenzene
Concen: 0.38 PPB
RT: 15.31 min Scan# 2337
Delta R.T. -0.12 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 91 Resp: 302765
Ion Ratio Lower Upper
91 100
106 35.2 28.8 43.2

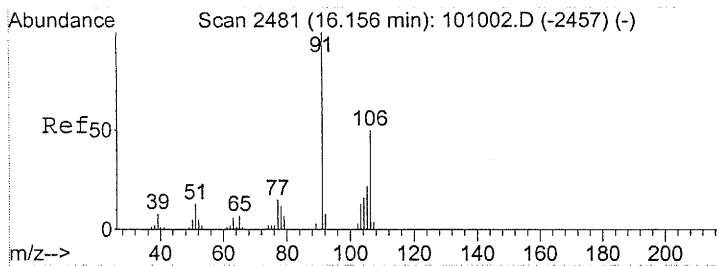


#64
m/p-Xylene
Concen: 0.90 PPB
RT: 15.61 min Scan# 2388
Delta R.T. -0.13 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 91 Resp: 570315
Ion Ratio Lower Upper
91 100
106 56.1 45.0 67.4

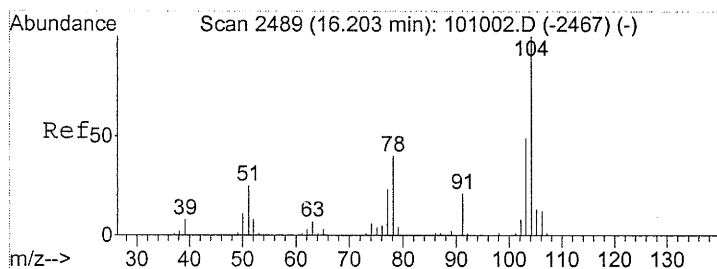
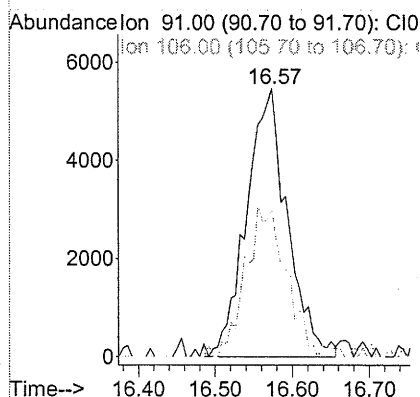


0259



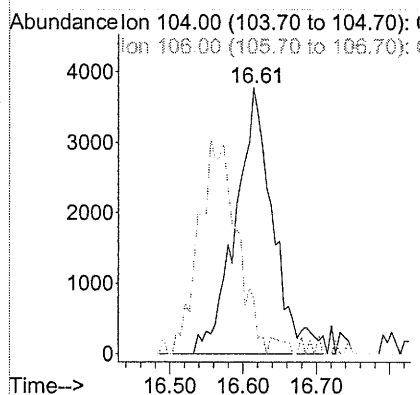
#65
o-Xylene
Concen: 0.35 PPB
RT: 16.57 min Scan# 2552
Delta R.T. -0.14 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 91 Resp: 200708
Ion Ratio Lower Upper
91 100
106 56.1 43.4 65.0

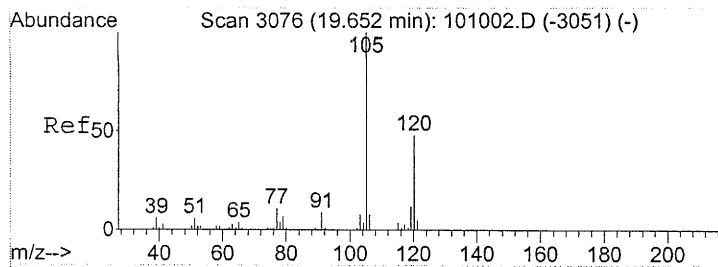


#66
Styrene
Concen: 0.29 PPB
RT: 16.62 min Scan# 2560
Delta R.T. -0.14 min
Lab File: CI0696.D
Acq: 29 Sep 2005 6:59

Tgt Ion: 104 Resp: 135100
Ion Ratio Lower Upper
104 100
106 0.0 0.0 0.0

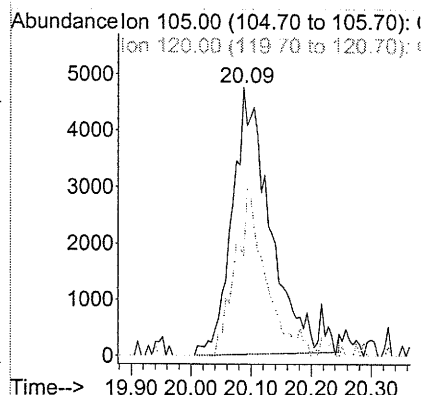
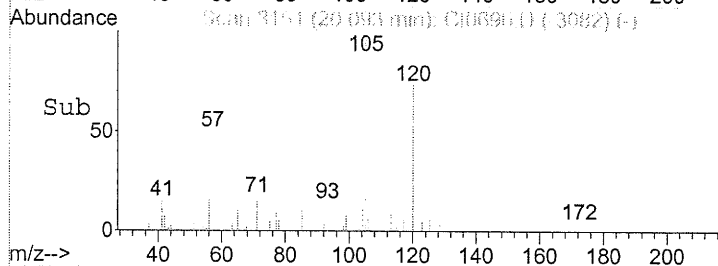
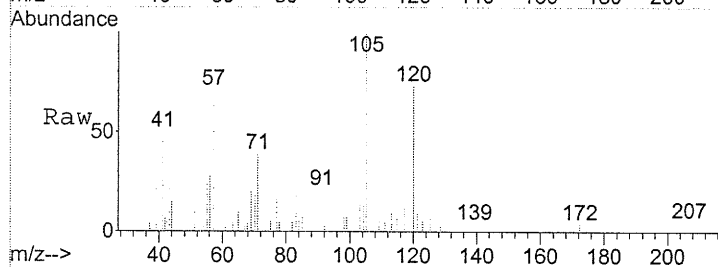


0260



#75
 1,2,4-Trimethylbenzene
 Concen: 0.25 PPB
 RT: 20.09 min Scan# 3151
 Delta R.T. -0.09 min
 Lab File: CI0696.D
 Acq: 29 Sep 2005 6:59

Tgt Ion: 105 Resp: 211214
 Ion Ratio Lower Upper
 105 100
 120 41.7 42.3 63.5#



0261

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG16G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604361 Date Analyzed: 09/30/05 Time Analyzed: 18:36
Canister ID: SUMMA0976 Pressure Rec'd: 14.5 psia Final Pressure: 29.0 psia
Injection Volume: 25 cc Nominal Volume: 250 cc Dilution Factor: 20.0
Instrument ID: HP09464 *10-14-05* Lab File ID: C:\MSDCHEM\1\DATA\SEP30\CI0761.D

CAS RN	COMPOUND NAME	CONCENTRATION	UNITS: MDL ug/m3	Q
75-71-8	Dichlorodifluoromethane	20		U
76-14-2	Freon 114	28		U
74-87-3	Chloromethane	8		U
75-01-4	Vinyl Chloride	480		D
74-83-9	Bromomethane	16		U
75-00-3	Chloroethane	11		U
75-69-4	Trichlorofluoromethane	22		U
75-35-4	1,1-Dichloroethene	16		U
76-13-1	Freon 113	77		U
107-05-1	3-Chloropropene	31		U
75-09-2	Methylene Chloride	35		U
75-34-3	1,1-Dichloroethane	16		U
156-59-2	cis-1,2-Dichloroethene	110		D
67-66-3	Chloroform	29		J D
71-55-6	1,1,1-Trichloroethane	22		U
56-23-5	Carbon Tetrachloride	25		U
107-06-2	1,2-Dichloroethane	16		U
71-43-2	Benzene	13		U
79-01-6	Trichloroethene	34		J D
78-87-5	1,2-Dichloropropane	18		U
10061-01-5	cis-1,3-Dichloropropene	18		U
108-88-3	Toluene	20		J D
10061-02-6	trans-1,3-Dichloropropene	18		U
79-00-5	1,1,2-Trichloroethane	22		U
127-18-4	Tetrachloroethene	120		J D
106-93-4	1,2-Dibromoethane	31		U
108-90-7	Chlorobenzene	18		U
100-41-4	Ethylbenzene	17		U
1330-20-7	m/p-Xylene	17		U
95-47-6	o-Xylene	17		U
100-42-5	Styrene	17		U
79-34-5	1,1,2,2-Tetrachloroethane	27		U
622-96-8	4-Ethyltoluene	20		U
108-67-8	1,3,5-Trimethylbenzene	20		U

U = Compound was undetected at the specified limit of quantitation.

B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR
SUMMA CANISTER SAMPLE
ANALYSIS DATA SHEET

Sample No.: SG16G Date Collected: 09/14/05 Date Received: 09/16/05
Lab Sample ID: 4604361 Date Analyzed: 09/30/05 Time Analyzed: 18:36
Canister ID: SUMMA0976 Pressure Rec'd: 14.5 psia Final Pressure: 29.0 psia
Injection Volume: 25 cc Nominal Volume: 250 cc Dilution Factor: 20.0
Instrument ID: HP09464 ¹⁹⁶ Lab File ID: C:\MSDCHEM\1\DATA\SEP30\CI0761.D
₁₀₋₁₄₋₀₅

CAS RN	COMPOUND NAME	CONCENTRATION UNITS: MDL ug/m3	Q
95-63-6	1,2,4-Trimethylbenzene	20	U
541-73-1	1,3-Dichlorobenzene	60	U
106-46-7	1,4-Dichlorobenzene	60	U
95-50-1	1,2-Dichlorobenzene	60	U
120-82-1	1,2,4-Trichlorobenzene	150	U

U = Compound was undetected at the specified limit of quantitation.

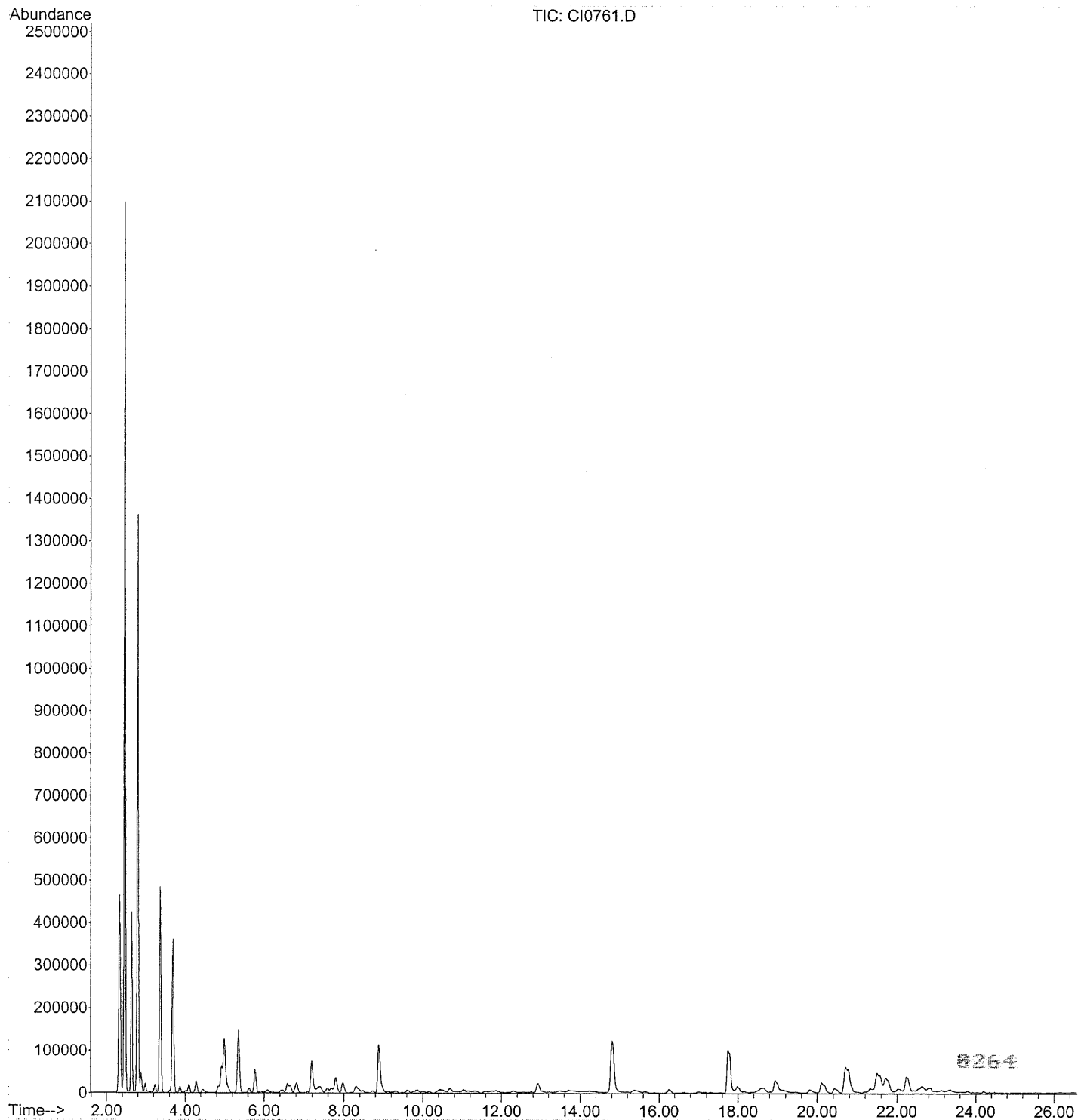
B = Compound was found in method blank. D = analysis of diluted sample.

J = Compound was detected, but below the limit of quantitation.

NOTE: Limits of detection were raised due to the high concentration of volatile organic compounds in this sample.

Data Path : C:\MSDCHEM\1\DATA\SEP30\
Data File : CI0761.D
Acq On : 30 Sep 2005 18:36
Operator : RDG
Sample : 4604361 25CC
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 04 12:23:36 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 30 15:42:36 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP30\
Data File : CI0761.D
Acq On : 30 Sep 2005 18:36
Operator : RDG
Sample : 4604361 25CC
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Oct 04 12:23:36 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 30 15:42:36 2005
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	130	686143	10.000		-0.09
37) 1,4-Difluorobenzene	8.89	114	2545836	10.000		-0.14
51) Chlorobenzene d5	14.82	117	2778149	10.000		-0.11

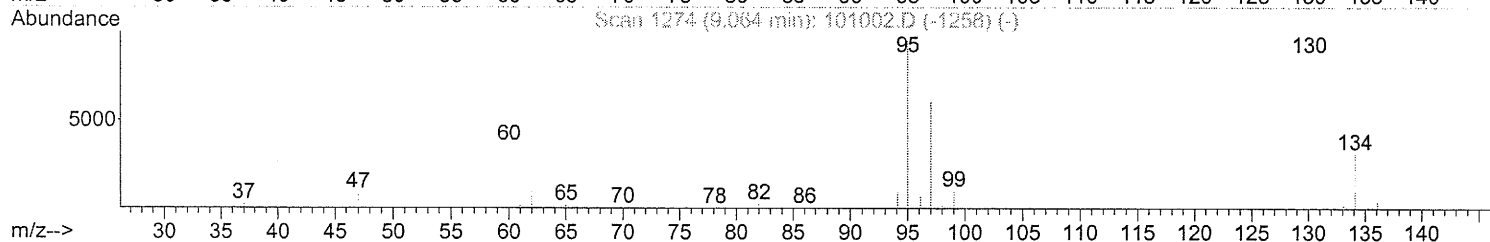
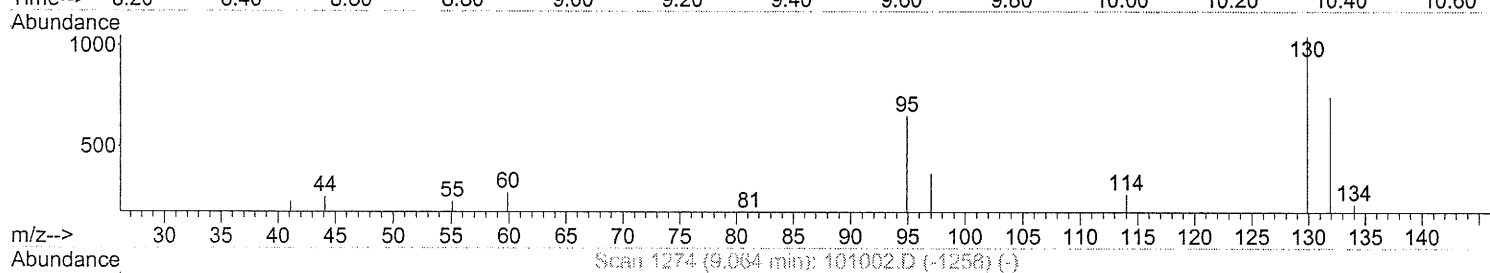
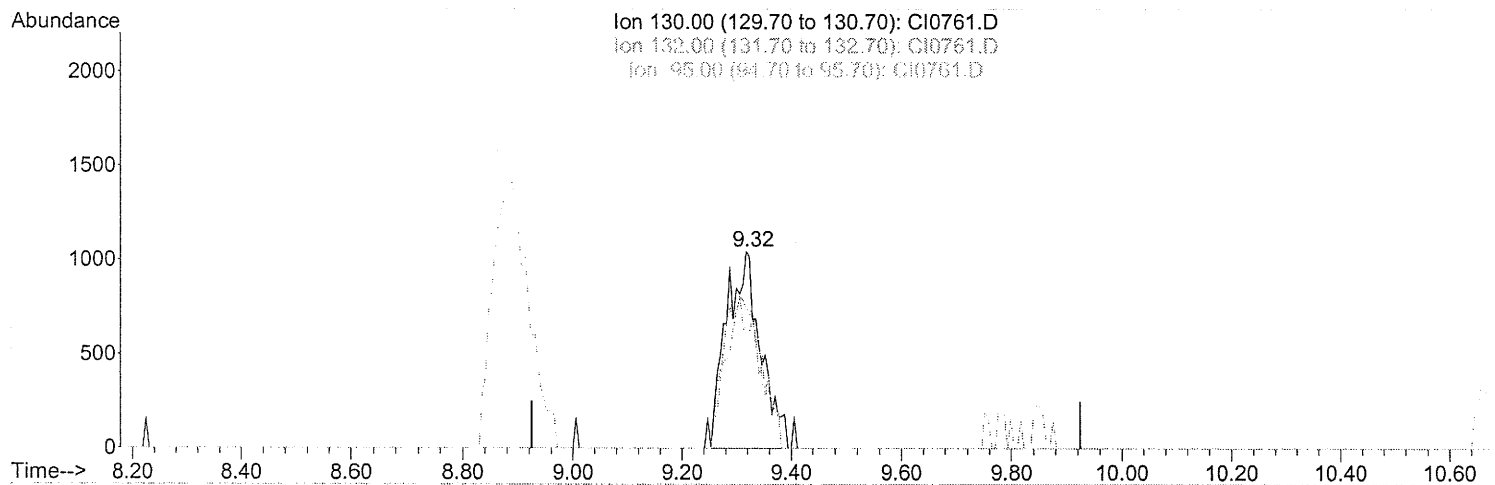
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Vinyl Chloride	2.79	62	458421	9.331	PPB	97
30) cis-1,2-Dichloroethene	6.84	61	91135	1.416	PPB #	74
34) Chloroform	7.41	83	36322	0.297	PPB #	24
42) Trichloroethene	9.32	130	46602m	0.320	PPB	
52) Toluene	11.79	91	87657	0.273	PPB	100
57) Tetrachloroethene	12.92	166	200718	0.881	PPB	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0265

Data Path : C:\MSDCHEM\1\DATA\SEP30\
Data File : CI0761.D
Acq On : 30 Sep 2005 18:36
Operator : RDG
Sample : 4604361 25CC
Misc :
ALS Vial : 78 Sample Multiplier: 1

Quant Time: Sep 30 19:03:09 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 30 15:42:36 2005
Response via : Initial Calibration



TIC: CI0761.D

(42) Trichloroethene

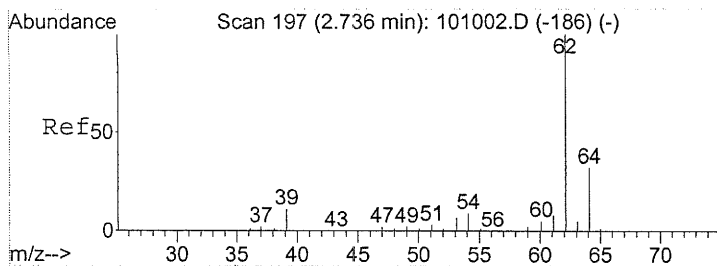
9.317min (-0.107) 0.32PPB m

response 46602

Ion	Exp%	Act%
130.00	100	100
132.00	98.80	0.00#
95.00	82.60	0.00#
0.00	0.00	0.00

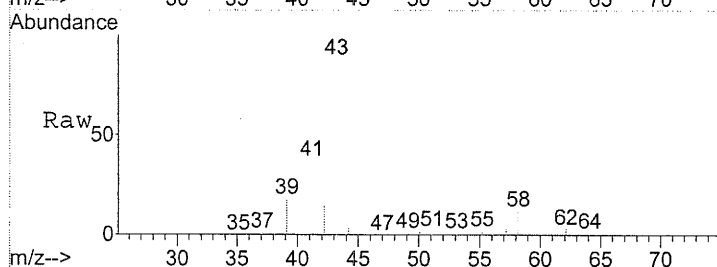
missed peak
Kerry
10/4/05

CMR/412 8266
10/5/05

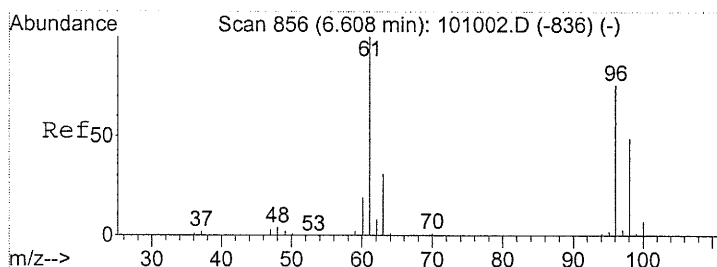
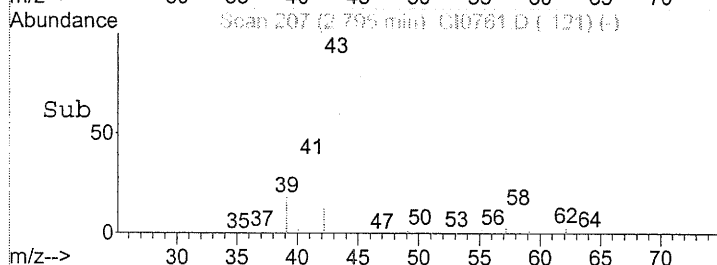
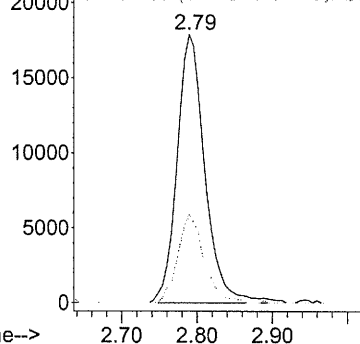


#7
 Vinyl Chloride
 Concen: 9.33 PPB
 RT: 2.79 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: CI0761.D
 Acq: 30 Sep 2005 18:36

Tgt Ion: 62 Resp: 458421
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.8 35.6

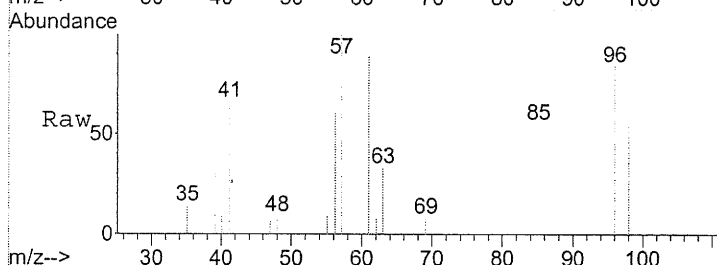


Abundance Ion 62.00 (61.70 to 62.70): ClO
 Ion 64.00 (63.70 to 64.70): ClO

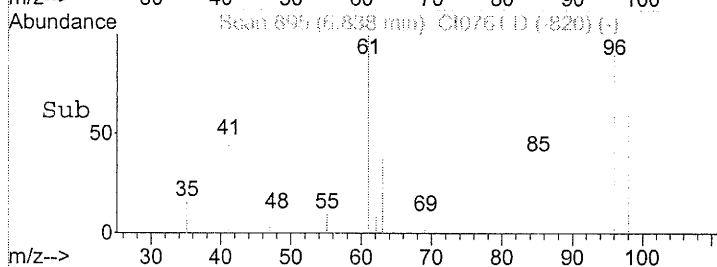
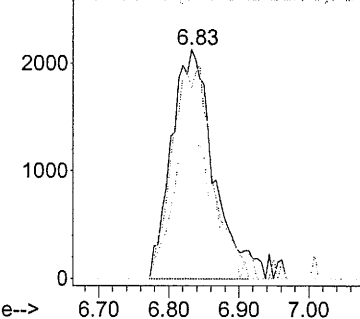


#30
 cis-1,2-Dichloroethene
 Concen: 1.42 PPB
 RT: 6.84 min Scan# 895
 Delta R.T. -0.06 min
 Lab File: CI0761.D
 Acq: 30 Sep 2005 18:36

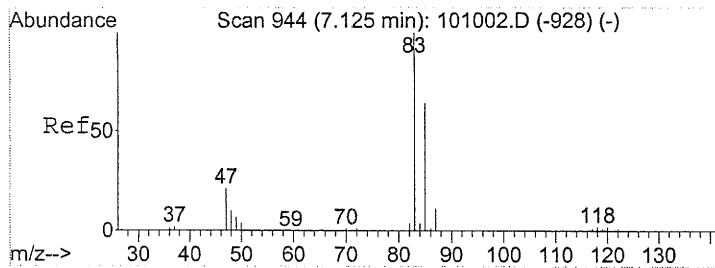
Tgt Ion: 61 Resp: 91135
 Ion Ratio Lower Upper
 61 100
 96 47.4 66.6 99.8#
 98 57.4 43.7 65.5



Abundance Ion 61.00 (60.70 to 61.70): ClO
 Ion 96.00 (95.70 to 96.70): ClO
 Ion 98.00 (97.70 to 98.70): ClO

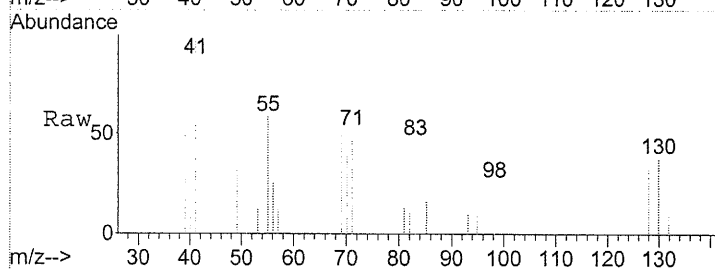


8267

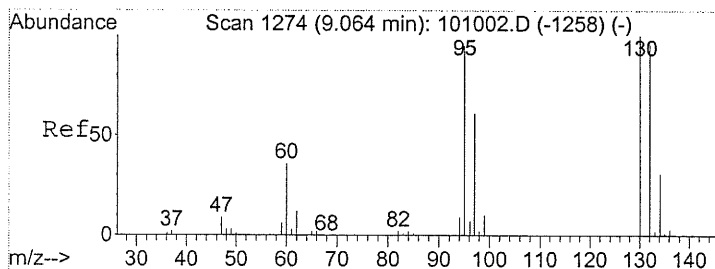
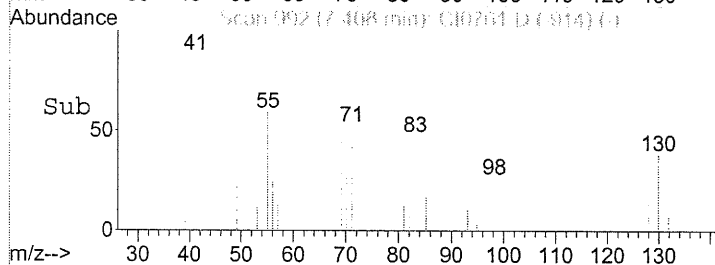
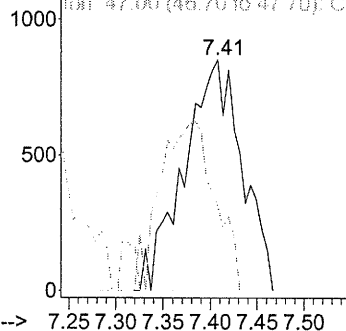


#34
Chloroform
Concen: 0.30 PPB
RT: 7.41 min Scan# 992
Delta R.T. -0.04 min
Lab File: CI0761.D
Acq: 30 Sep 2005 18:36

Tgt Ion: 83 Resp: 36322
Ion Ratio Lower Upper
83 100
85 0.0 54.4 81.6#
47 0.0 25.9 38.9#

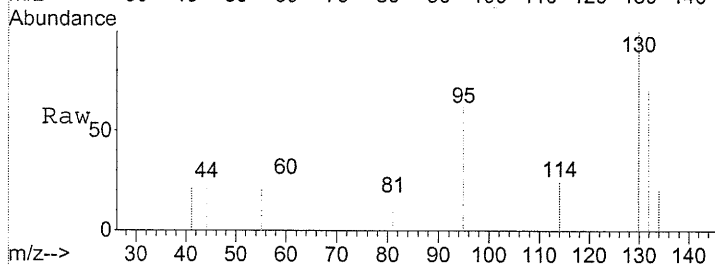


Abundance Ion 83.00 (82.70 to 83.70): ClO
Ion 85.00 (84.70 to 85.70): ClO
Ion 47.00 (46.70 to 47.70): ClO

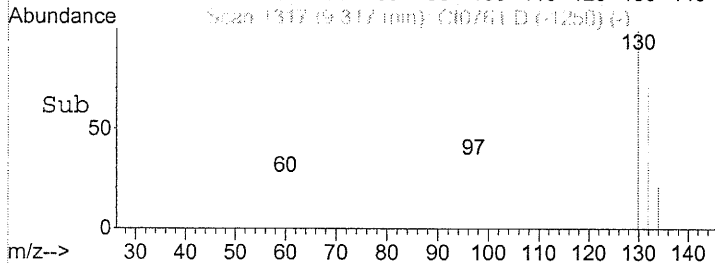
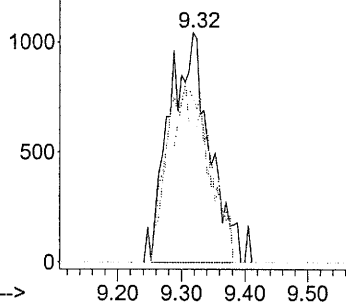


#42
Trichloroethene
Concen: 0.32 PPB m
RT: 9.32 min Scan# 1317
Delta R.T. -0.11 min
Lab File: CI0761.D
Acq: 30 Sep 2005 18:36

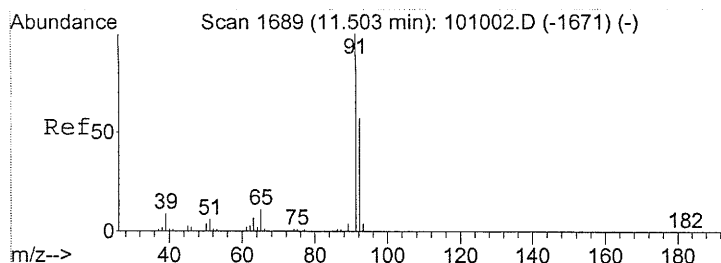
Tgt Ion: 130 Resp: 46602
Ion Ratio Lower Upper
130 100
132 0.0 79.0 118.6#
95 0.0 66.1 99.1#



Abundance Ion 130.00 (129.70 to 130.70): ClO
Ion 132.00 (131.70 to 132.70): ClO
Ion 95.00 (94.70 to 95.70): ClO

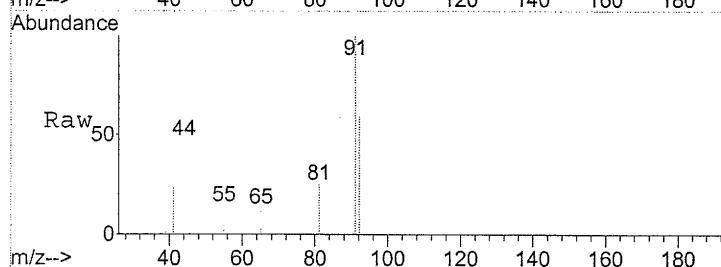


0268

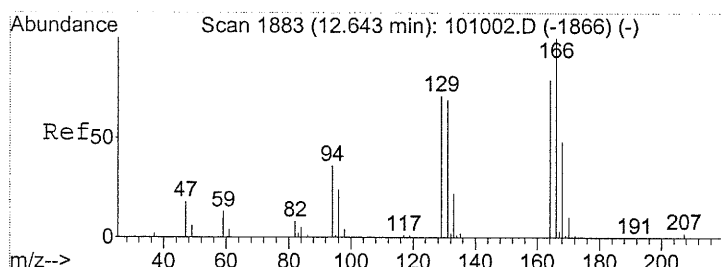
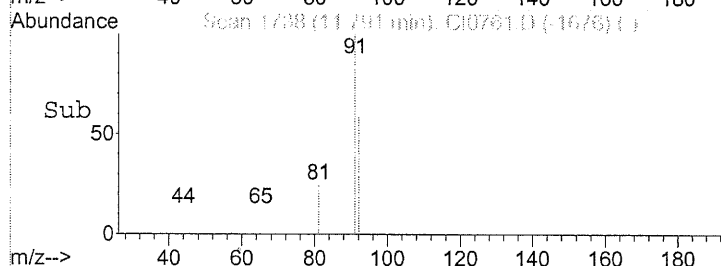
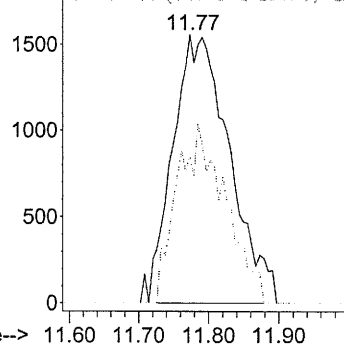


#52
Toluene
Concen: 0.27 PPB
RT: 11.79 min Scan# 1738
Delta R.T. -0.14 min
Lab File: CI0761.D
Acq: 30 Sep 2005 18:36

Tgt Ion: 91 Resp: 87657
Ion Ratio Lower Upper
91 100
92 57.0 45.4 68.0

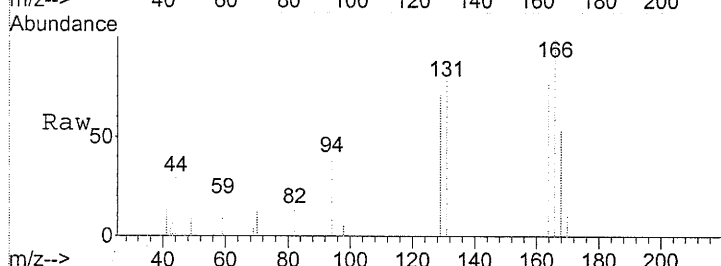


Abundance Ion 91.00 (90.70 to 91.70): ClO
Ion 92.00 (91.70 to 92.70): ClO

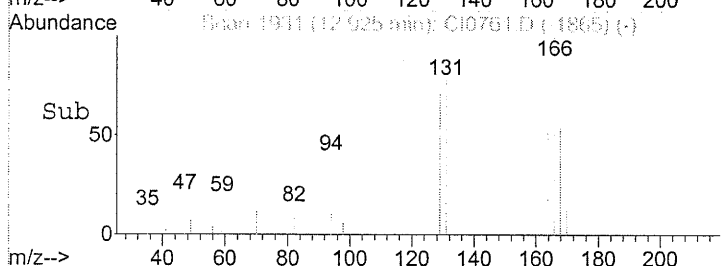
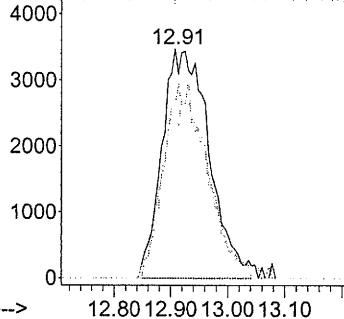


#57
Tetrachloroethene
Concen: 0.88 PPB
RT: 12.92 min Scan# 1931
Delta R.T. -0.11 min
Lab File: CI0761.D
Acq: 30 Sep 2005 18:36

Tgt Ion: 166 Resp: 200718
Ion Ratio Lower Upper
166 100
164 80.0 63.0 94.6
131 75.8 61.1 91.7



Abundance Ion 166.00 (165.70 to 166.70): C
Ion 164.00 (163.70 to 164.70): C
Ion 131.00 (130.70 to 131.70): C



0269

Standards Data

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR

INITIAL CALIBRATION DATA SHEET

Instrument ID: HP09464

Data File Path: C:\MSDCHEM\1\DATA\SEP25

STANDARD EPA SAMPLE NO. LAB FILE ID DATE INJECTED TIME INJECTED	CAL 1 VSTD001 \CI0569.D 09/25/05 20:18	CAL 2 VSTD002 \CI0561.D 09/25/05 14:58	CAL 3 VSTD005 \CI0560.D 09/25/05 14:20	CAL 4 VSTD010 \CI0559.D 09/25/05 13:43	CAL 5 VSTD025 \CI0558.D 09/25/05 13:05		
COMPOUND NAME	Relative Response Factor (RRF)						
	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5	MEAN	% RSD
Dichlorodifluoromethane	0.327	0.106	0.129	24.725	53.827	15.823	150
Freon 114	0.372	0.114	0.143	27.024	60.447	17.620	151
Chloromethane	0.177	0.055	0.066	12.439	26.344	7.816	149
Vinyl Chloride	0.121	0.041	0.049	9.250	19.725	5.837	149
Bromomethane	0.115	0.038	0.047	8.852	19.065	5.623	150
Chloroethane	0.052	0.018	0.023	4.415	9.847	2.871	151
Trichlorofluoromethane	0.375	0.122	0.146	28.205	61.159	18.001	150
1,1-Dichloroethene	0.206	0.068	0.080	15.495	34.389	10.048	151
Freon 113	0.163	0.053	0.067	13.899	32.236	9.284	152
3-Chloropropene	0.057	0.020	0.020	3.492	8.217	2.361	152
Methylene Chloride	0.089	0.032	0.039	7.622	17.268	5.010	152
1,1-Dichloroethane	0.190	0.066	0.084	15.912	35.778	10.406	151
cis-1,2-Dichloroethene	0.129	0.049	0.061	11.708	26.350	7.660	151
Chloroform	0.213	0.074	0.093	18.327	42.059	12.153	152
1,1,1-Trichloroethane	0.219	0.083	0.107	21.821	49.647	14.376	152
Carbon Tetrachloride	0.294	0.104	0.130	26.185	57.752	16.893	151
1,2-Dichloroethane	0.034	0.013	0.017	3.349	8.775	2.438	157
Benzene	0.078	0.029	0.034	7.023	18.247	5.082	157
Trichloroethene	0.062	0.024	0.030	5.920	13.754	3.958	153
1,2-Dichloropropane	0.037	0.012	0.015	3.051	7.974	2.218	157
cis-1,3-Dichloropropene	0.063	0.022	0.027	5.097	13.541	3.750	157
Toluene	0.155	0.070	0.090	19.145	45.201	12.932	153
trans-1,3-Dichloropropene	0.052	0.023	0.031	5.970	15.143	4.244	156
1,1,2-Trichloroethane	0.063	0.027	0.034	6.788	16.357	4.654	154
Tetrachloroethene	0.111	0.048	0.055	11.706	27.864	7.957	154
1,2-Dibromoethane	0.106	0.046	0.056	8.664	22.042	6.183	156
Chlorobenzene	0.089	0.038	0.045	9.604	24.872	6.930	157
Ethylbenzene	0.115	0.055	0.069	14.926	38.916	10.816	157
m/p-Xylene	0.091	0.044	0.058	24.410	63.791	17.679	158
o-Xylene	0.090	0.044	0.057	11.969	32.066	8.845	158
Styrene	0.070	0.036	0.047	10.032	26.795	7.396	158
1,1,2,2-Tetrachloroethane	0.050	0.021	0.027	6.563	19.296	5.191	161
4-Ethyltoluene	0.131	0.069	0.090	18.429	48.146	13.373	157
1,3,5-Trimethylbenzene	0.124	0.063	0.077	16.241	41.722	11.645	156
1,2,4-Trimethylbenzene	0.115	0.063	0.080	15.926	41.361	11.509	157
1,3-Dichlorobenzene	0.089	0.044	0.055	11.635	29.632	8.291	156
1,4-Dichlorobenzene	0.098	0.042	0.053	11.533	29.378	8.221	156
1,2-Dichlorobenzene	0.089	0.042	0.052	10.852	27.630	7.733	156
1,2,4-Trichlorobenzene	0.068	0.034	0.045	9.475	27.162	7.357	160

LANCASTER LABORATORIES
VOLATILE ORGANICS IN AIR

INITIAL CALIBRATION DATA SHEET

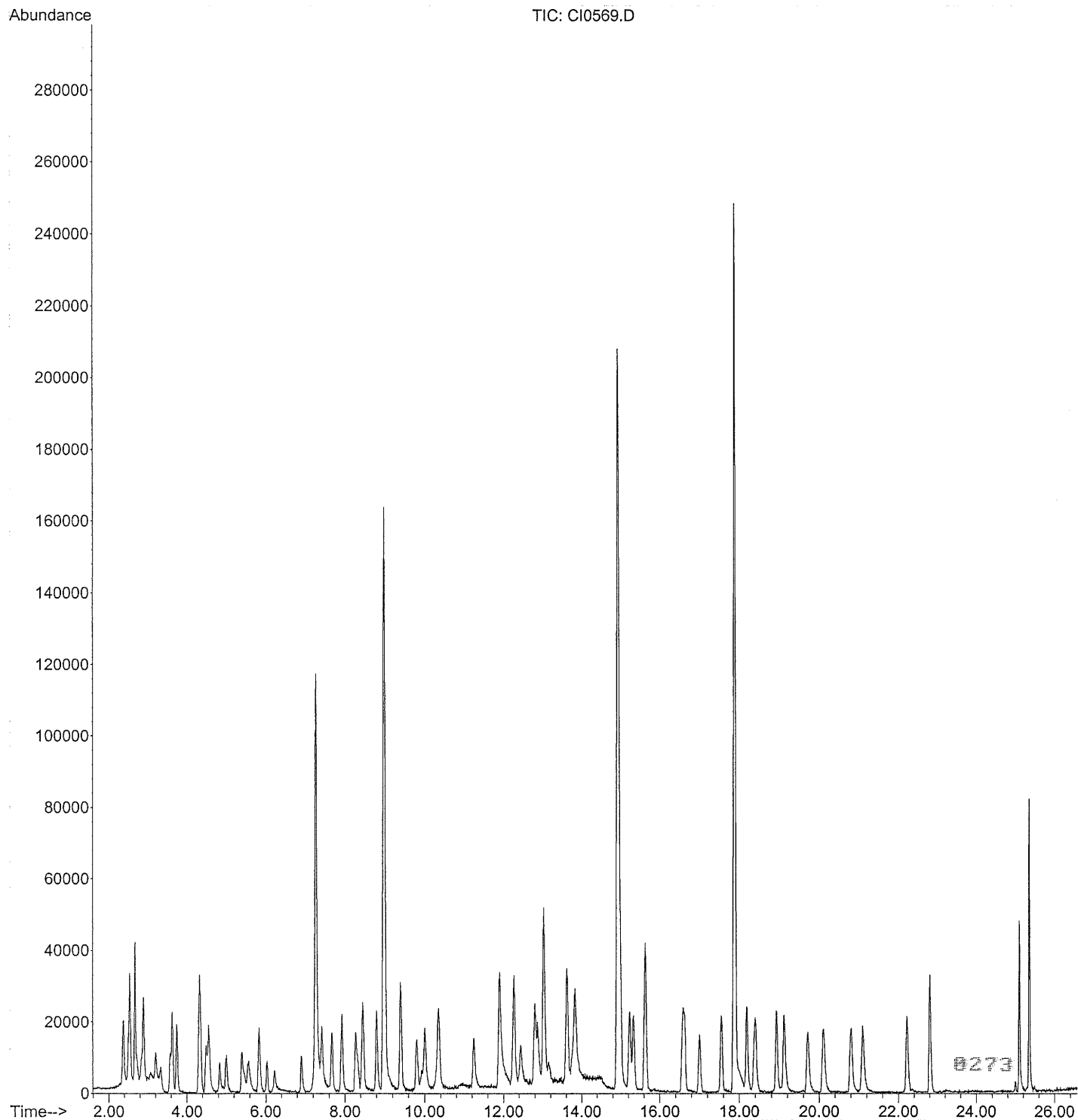
Instrument ID: HP09464

Data File Path: C:\MSDCHEM\1\DATA\SEP26

STANDARD EPA SAMPLE NO. LAB FILE ID DATE INJECTED TIME INJECTED	CAL 1 VSTD001 \CI0605.D 09/26/05 13:58		CAL 2 VSTD002 \CI0604.D 09/26/05 12:46		CAL 3 VSTD005 \CI0603.D 09/26/05 12:08		CAL 4 VSTD010 \CI0602.D 09/26/05 11:30		CAL 5 VSTD025 \CI0601.D 09/26/05 10:52	
COMPOUND NAME	Relative Response Factor (RRF)							% RSD		
	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5	MEAN				
Dichlorodifluoromethane	0.220	0.087	0.101	18.959	55.396	14.953	161			
Freon 114	0.225	0.094	0.118	21.360	57.305	15.821	158			
Chloromethane	0.119	0.046	0.057	9.913	27.255	7.478	158			
Vinyl Chloride	0.089	0.034	0.040	7.228	20.830	5.644	160			
Bromomethane	0.087	0.033	0.042	6.954	20.633	5.550	161			
Chloroethane	0.040	0.017	0.021	3.687	10.784	2.910	161			
Trichlorofluoromethane	0.280	0.102	0.131	22.343	66.055	17.782	161			
1,1-Dichloroethene	0.151	0.054	0.071	12.492	38.500	10.254	163			
Freon 113	0.131	0.048	0.065	11.437	35.613	9.459	163			
3-Chloropropene	0.042	0.015	0.020	3.006	9.184	2.453	162			
Methylene Chloride	0.056	0.027	0.036	6.508	19.592	5.244	162			
1,1-Dichloroethane	0.150	0.057	0.082	13.398	41.220	10.981	163			
cis-1,2-Dichloroethene	0.117	0.042	0.057	9.592	28.831	7.728	162			
Chloroform	0.165	0.067	0.085	15.028	45.242	12.117	162			
1,1,1-Trichloroethane	0.188	0.075	0.097	17.103	52.538	14.000	163			
Carbon Tetrachloride	0.237	0.093	0.122	20.261	61.406	16.424	162			
1,2-Dichloroethane	0.031	0.013	0.018	3.272	9.869	2.641	162			
Benzene	0.068	0.028	0.037	6.981	20.927	5.608	162			
Trichloroethene	0.056	0.024	0.029	5.082	14.185	3.875	159			
1,2-Dichloropropane	0.030	0.012	0.017	2.933	8.795	2.357	162			
cis-1,3-Dichloropropene	0.050	0.023	0.029	4.924	14.407	3.887	161			
Toluene	0.123	0.078	0.082	12.821	35.760	9.773	159			
trans-1,3-Dichloropropene	0.041	0.025	0.030	4.169	11.820	3.217	160			
1,1,2-Trichloroethane	0.045	0.032	0.034	4.846	13.805	3.752	160			
Tetrachloroethene	0.081	0.050	0.055	8.346	23.161	6.338	159			
1,2-Dibromoethane	0.086	0.048	0.055	8.453	24.297	6.588	160			
Chlorobenzene	0.087	0.036	0.046	9.075	24.583	6.765	158			
Ethylbenzene	0.122	0.053	0.063	12.193	34.682	9.423	160			
m/p-Xylene	0.091	0.043	0.051	18.857	55.723	14.953	162			
o-Xylene	0.075	0.040	0.049	7.808	26.929	6.980	167			
Styrene	0.061	0.032	0.041	6.520	22.218	5.775	166			
1,1,2,2-Tetrachloroethane	0.038	0.022	0.033	6.109	19.856	5.212	165			
4-Ethyltoluene	0.101	0.064	0.077	14.733	48.124	12.620	165			
1,3,5-Trimethylbenzene	0.097	0.056	0.066	10.974	42.677	10.774	171			
1,2,4-Trimethylbenzene	0.085	0.054	0.065	11.331	48.066	11.920	174			
1,3-Dichlorobenzene	0.074	0.043	0.049	7.694	32.733	8.119	174			
1,4-Dichlorobenzene	0.072	0.042	0.049	7.622	32.454	8.048	174			
1,2-Dichlorobenzene	0.071	0.041	0.046	7.120	21.632	5.782	162			
1,2,4-Trichlorobenzene	0.031	0.017	0.019	2.966	9.131	2.433	163			

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0569.D
 Acq On : 25 Sep 2005 20:18
 Operator : JBS
 Sample : VSTD001
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Sun Sep 25 18:05:26 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	726441	10.000		0.00
37) 1,4-Difluorobenzene	8.99	114	2843477	10.000		-0.02
51) Chlorobenzene d5	14.93	117	2876391	10.000		-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	2.50	41	86635	0.613	PPB	90
3) Dichlorodifluoromethane	2.54	85	238428	0.953	PPB	98
4) Chlorodifluoromethane	2.55	51	168935	0.691	PPB	98
5) Freon 114	2.67	85	270119	1.013	PPB	97
6) Chloromethane	2.72	50	128782	0.689	PPB	97
7) Vinyl Chloride	2.84	62	87891	0.826	PPB	96
8) 1,3-Butadiene	2.89	54	143498	0.718	PPB	# 80
9) Bromomethane	3.20	94	83265	0.995	PPB	98
10) Chloroethane	3.33	64	37932	0.729	PPB	# 46
11) Dichlorofluoromethane	3.58	67	152498	0.822	PPB	# 90
12) Trichlorofluoromethane	3.62	101	272470	1.067	PPB	98
13) Pentane	3.74	43	200531	0.668	PPB	92
14) Acrolein	4.32	56	20006m	0.713	PPB	
15) 1,1-Dichloroethene	4.31	61	149751	0.820	PPB	89
16) Freon 113	4.34	103	118451	1.012	PPB	90
17) Acetone	4.55	43	128013	0.541	PPB	# 39
18) Methyl Iodide	4.49	142	264026	1.372	PPB	93
19) Carbon Disulfide	4.57	76	264016	1.096	PPB	# 90
20) Acetonitrile	4.84	41	84936	0.380	PPB	# 33
21) 3-Chloropropene	4.83	76	41212m	1.129	PPB	
22) Methylene Chloride	5.01	84	64586	0.860	PPB	91
24) Acrylonitrile	5.46	53	66260	0.484	PPB	99
25) trans-1,2-Dichloroethene	5.40	61	91248	0.643	PPB	# 74
26) Methyl t-Butyl Ether	5.57	73	175209	0.884	PPB	# 42
27) Hexane	5.83	57	129454	0.773	PPB	# 76
28) 1,1-Dichloroethane	6.03	63	131314	0.712	PPB	100
29) Vinyl Acetate	6.23	43	101638	0.427	PPB	# 78
30) cis-1,2-Dichloroethene	6.91	61	89321	0.642	PPB	# 84
31) 2-Butanone	7.24	72	14697m	0.477	PPB	
33) Methyl Acrylate	7.21	55	88093	0.514	PPB	# 72
34) Chloroform	7.42	83	154851	0.930	PPB	# 86
35) 1,1,1-Trichloroethane	7.67	97	159096	0.885	PPB	94
36) Carbon Tetrachloride	7.93	117	203135	1.042	PPB	100
38) 1,2-Dichloroethane	8.33	62	95706	0.669	PPB	97
39) Benzene	8.28	78	221965	0.905	PPB	97
40) Isooctane	8.46	57	405357	0.755	PPB	# 86
41) Heptane	8.80	43	181868	0.663	PPB	97
42) Trichloroethene	9.39	130	176791	1.275	PPB	89
43) Ethyl Acrylate	9.97	55	196931m	0.855	PPB	
44) 1,2-Dichloropropane	9.80	63	104216	0.911	PPB	96
45) Methyl Methacrylate	10.32	69	70397	0.951	PPB	# 1
46) Dibromomethane	10.01	174	126648	1.424	PPB	94
48) Bromodichloromethane	10.35	83	220790	1.150	PPB	96
49) cis-1,3-Dichloropropene	11.24	75	160707	0.925	PPB	# 80
50) 4-Methyl-2-Pentanone	11.91	43	387723m	1.064	PPB	
52) Toluene	11.89	91	444604	1.131	PPB	99

0274

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0569.D
 Acq On : 25 Sep 2005 20:18
 Operator : JBS
 Sample : VSTD001
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Sun Sep 25 18:05:26 2005
 Response via : Initial Calibration

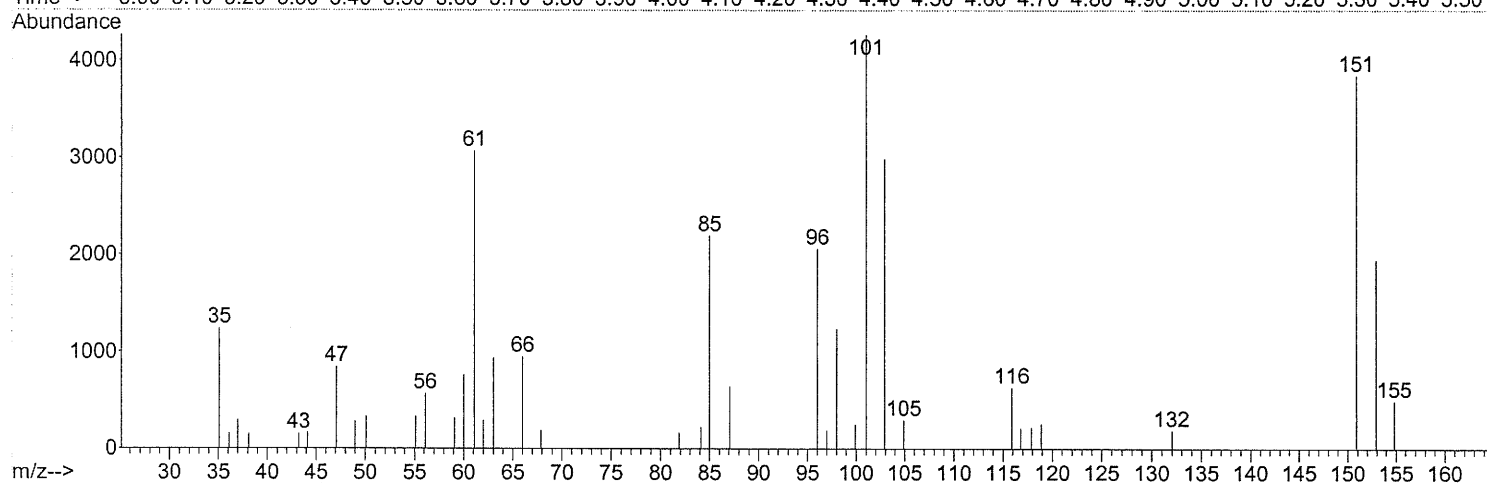
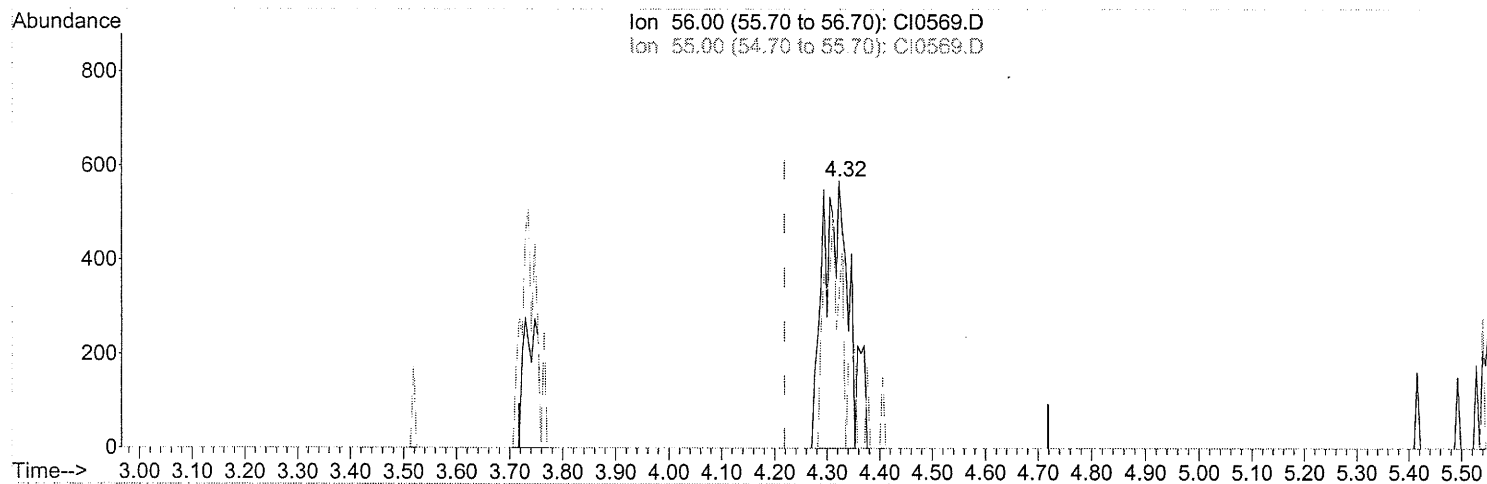
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Octane	12.26	43	350596	0.758	PPB	# 92
54) trans-1,3-Dichloropropene	12.44	75	133803	0.804	PPB	90
55) Ethyl Methacrylate	12.87	69	143281	0.934	PPB	# 63
56) 1,1,2-Trichloroethane	12.80	97	171464	1.175	PPB	100
57) Tetrachloroethene	13.03	166	318084	1.465	PPB	99
58) 2-Hexanone	13.79	43	448950m	1.433	PPB	
59) Dibromochloromethane	13.62	127	312060	1.393	PPB	93
60) 1,2-Dibromoethane	13.83	107	303560	1.589	PPB	98
61) Chlorobenzene	14.99	112	257046	1.001	PPB	93
62) 1,1,1,2-Tetrachloroethane	15.23	131	137418	0.942	PPB	# 51
63) Ethylbenzene	15.33	91	331397	0.840	PPB	100
64) m/p-Xylene	15.63	91	509880	1.538	PPB	96
65) o-Xylene	16.58	91	258216	0.852	PPB	99
66) Styrene	16.62	104	202113	0.840	PPB	# 100
67) Bromoform	17.00	173	161130	0.979	PPB	99
68) Cumene	17.55	105	327590	0.948	PPB	99
69) 1,1,2,2-Tetrachloroethane	18.37	83	152333	0.766	PPB	# 83
70) 1,2,3-Trichloropropane	18.41	110	53729	0.890	PPB	93
71) Bromobenzene	18.18	156	142187	1.074	PPB	100
72) 4-Ethyltoluene	18.93	105	357737	0.833	PPB	99
73) 1,3,5-Trimethylbenzene	19.12	105	355506	0.927	PPB	99
74) Alpha Methyl Styrene	19.71	118	167668	1.202	PPB	97
75) 1,2,4-Trimethylbenzene	20.11	105	315153	0.829	PPB	100
76) 1,3-Dichlorobenzene	20.80	146	256496	1.003	PPB	93
77) 1,4-Dichlorobenzene	21.10	146	283264	1.091	PPB	93
78) Benzyl Chloride	16.58	91	258216	0.852	PPB	# 100
79) 1,2-Dichlorobenzene	22.22	146	256683	1.073	PPB	97
80) Hexachloroethane	22.81	117	139255	1.176	PPB	# 95
81) 1,2,4-Trichlorobenzene	25.10	180	196238	0.995	PPB	97
82) Hexachlorobutadiene	25.36	225	180912	0.953	PPB	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0275

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(14) Acrolein

4.323min (+0.104) 0.71PPB m

response 20006

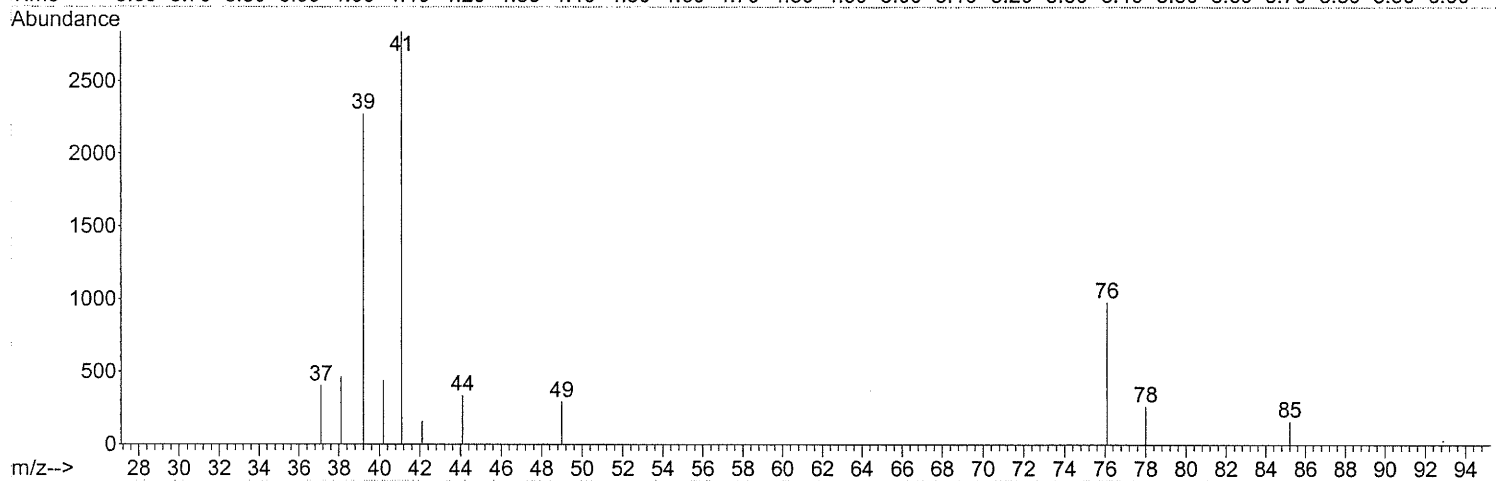
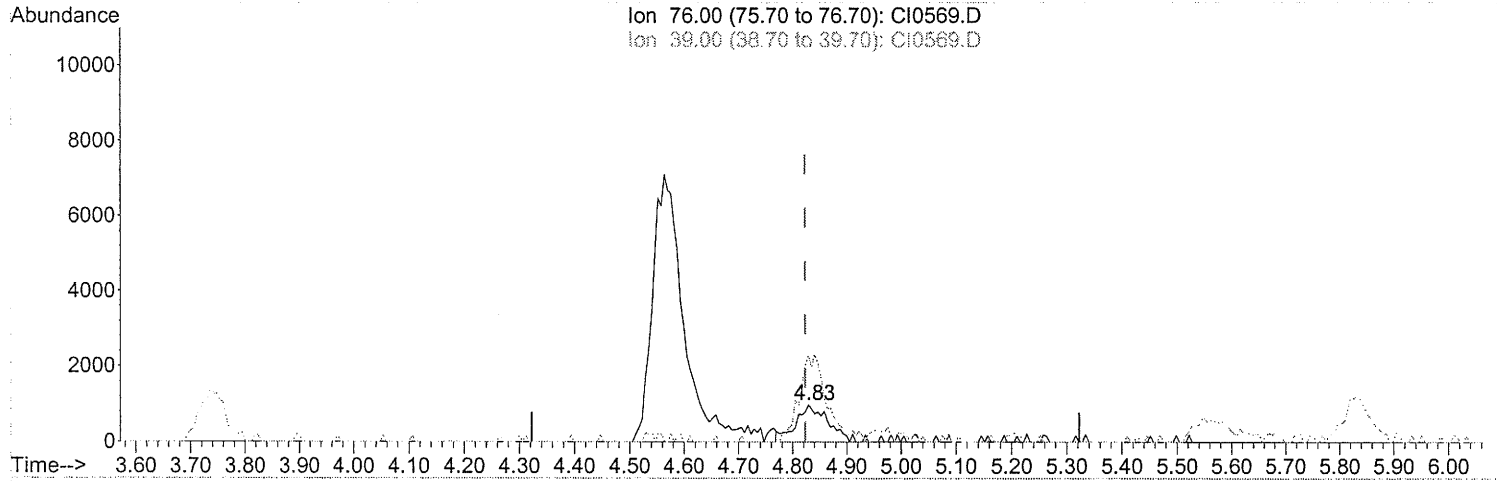
Ion	Exp%	Act%
56.00	100	100
55.00	69.90	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

*Handwritten signature: JBS**Handwritten text: JBS 9/26/05*

0276

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(21) 3-Chloropropene

4.828min (+0.006) 1.13PPB m

response 41212

Ion	Exp%	Act%
76.00	100	100
39.00	244.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

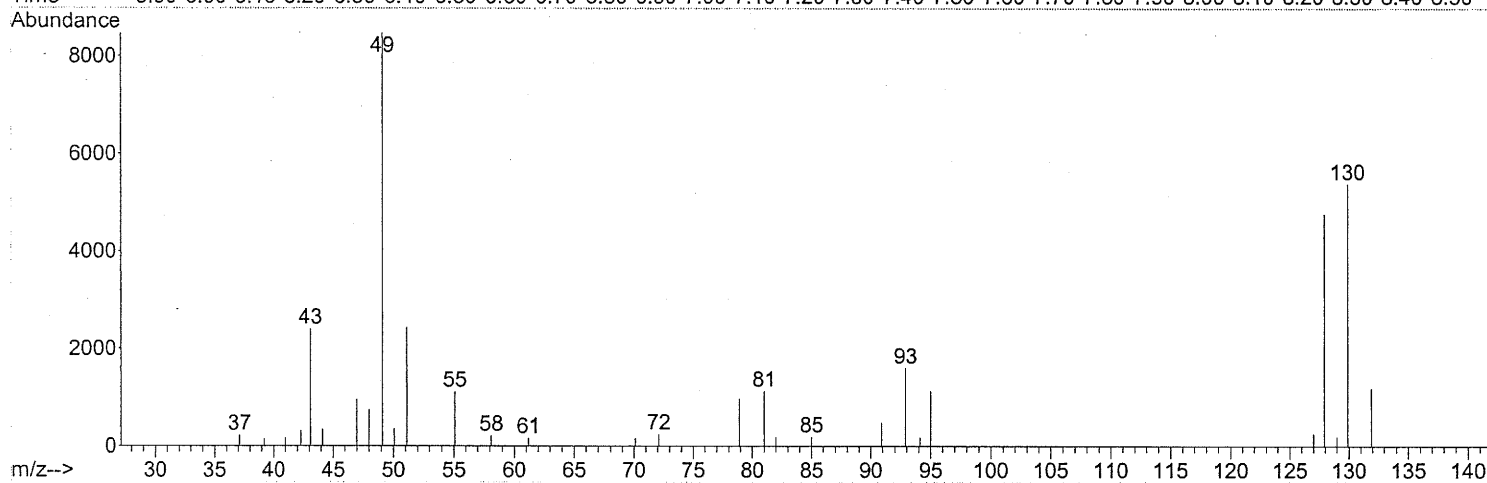
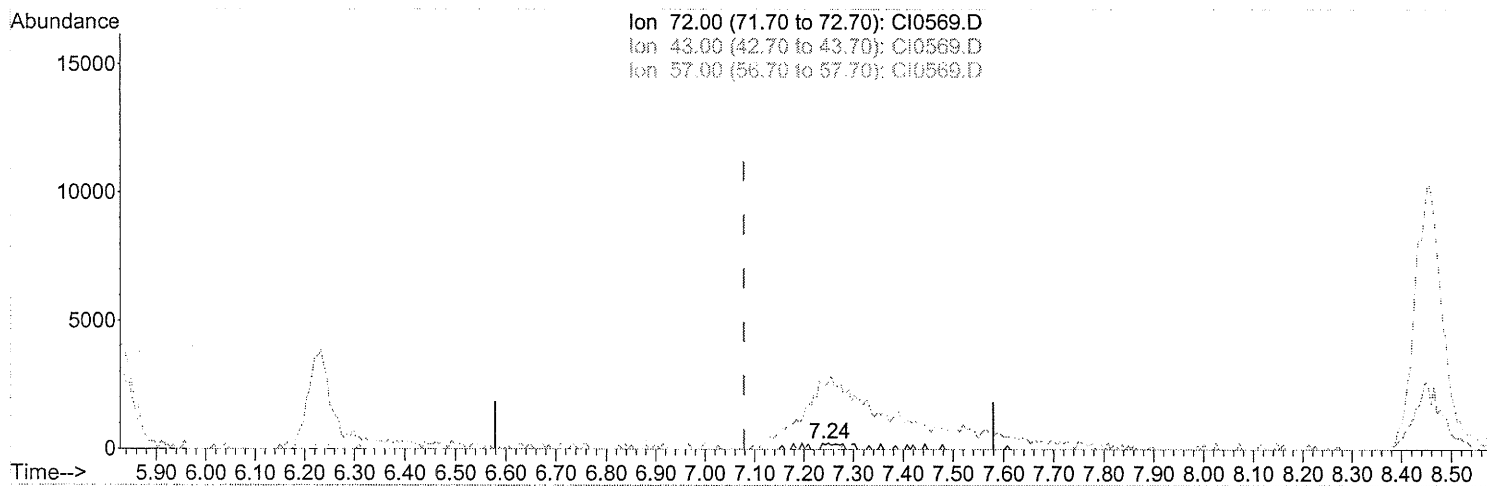
Handwritten signature
9/27/05

Handwritten signature
9/26/06

0277

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(31) 2-Butanone

7.237min (+0.159) 0.48PPB m

response 14697

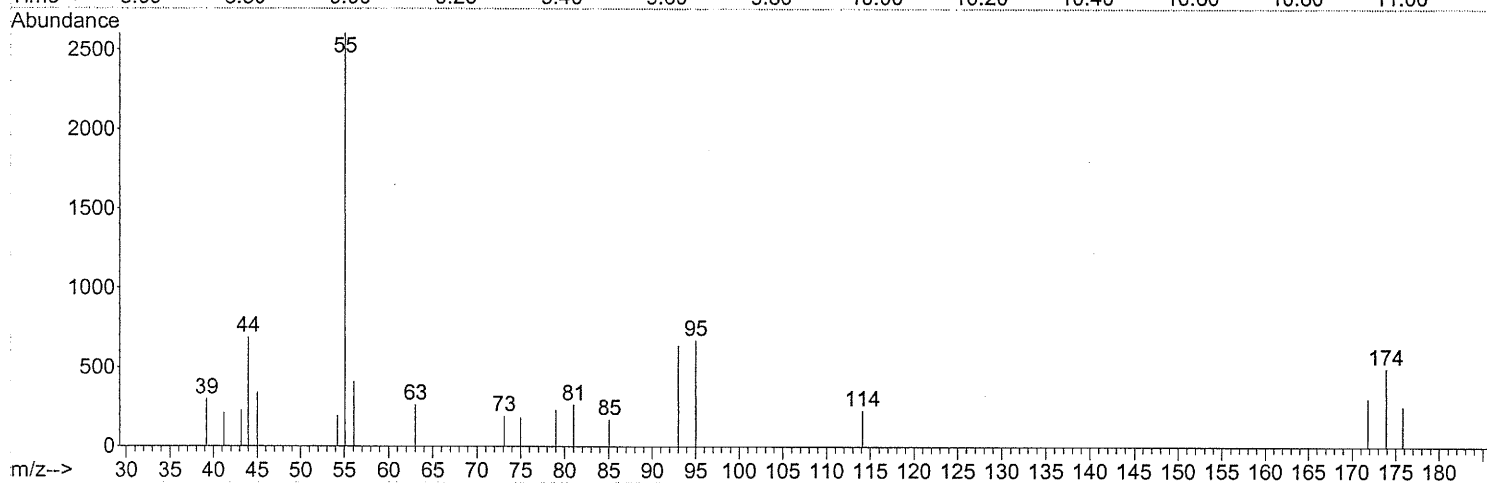
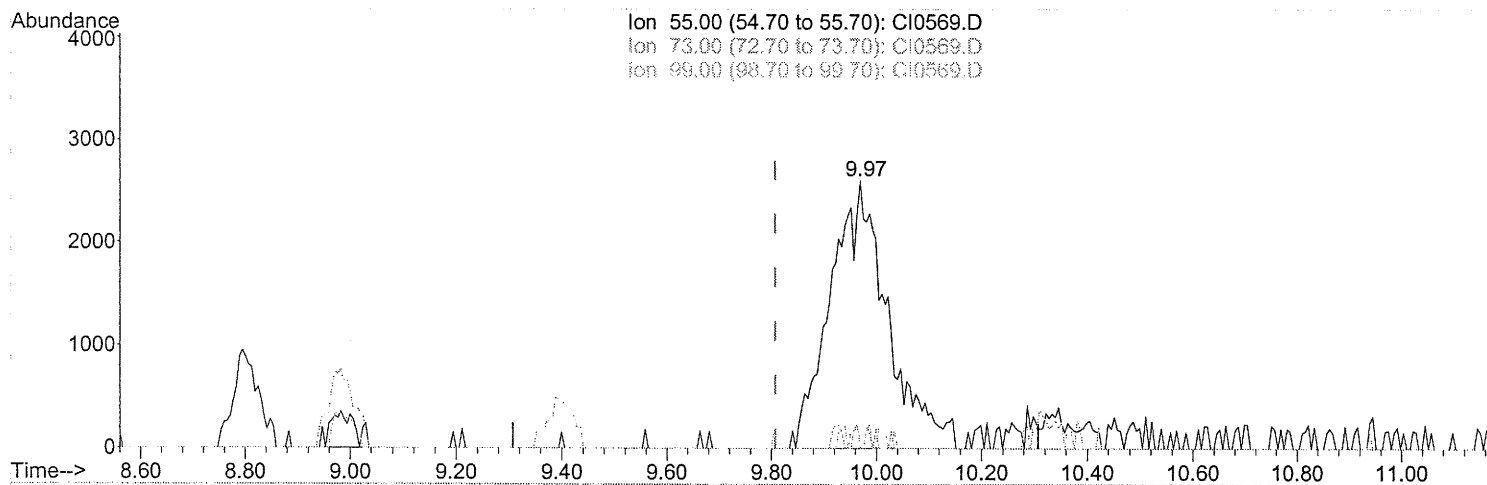
Ion	Exp%	Act%
72.00	100	100
43.00	518.90	0.00#
57.00	36.10	0.00#
0.00	0.00	0.00

*Sp. 1.1 peak**9/27/05**from 703
9/26/05*

8278

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(43) Ethyl Acrylate

9.970min (+0.162) 0.86PPB m

response 196931

Ion	Exp%	Act%
55.00	100	100
73.00	5.40	0.00#
99.00	6.80	0.00#
0.00	0.00	0.00

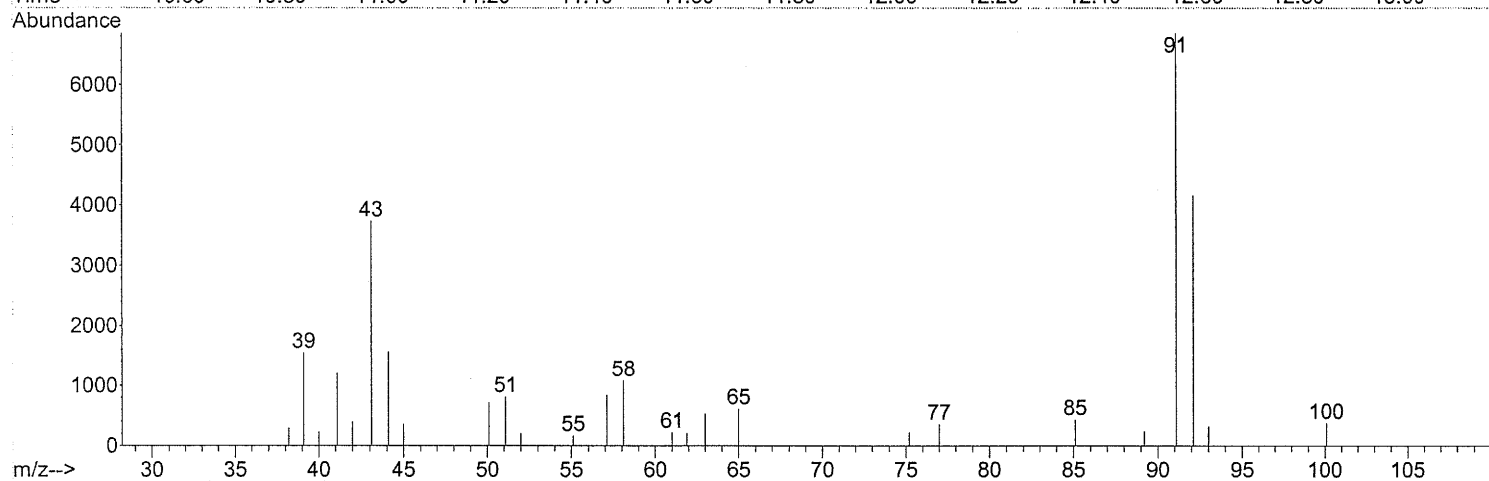
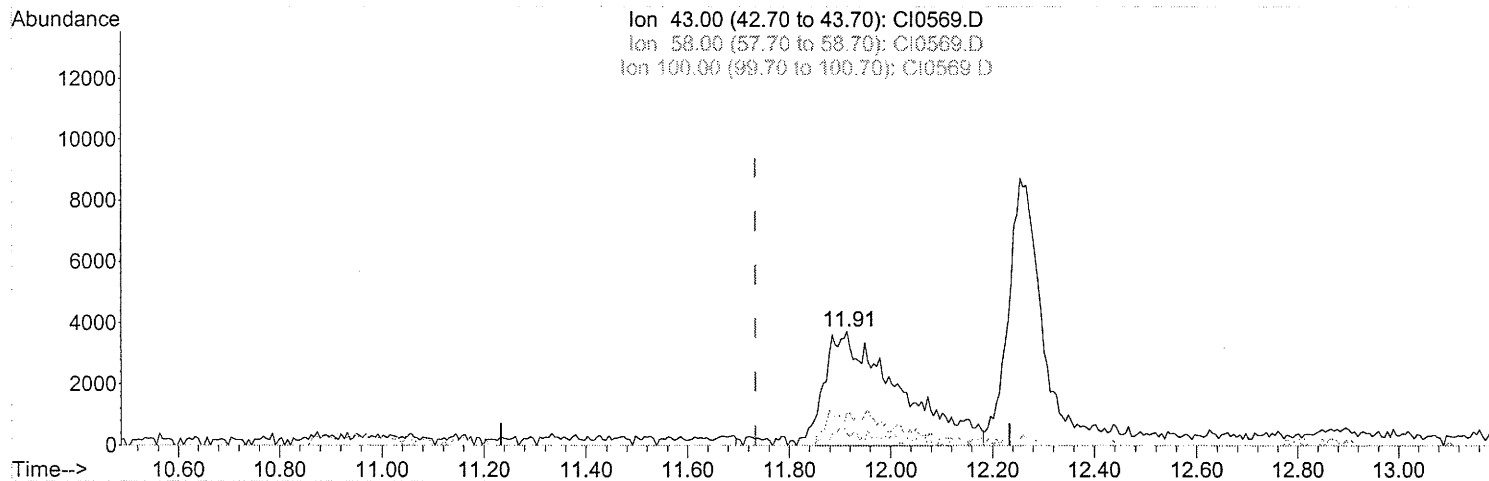
Handwritten signature
Handwritten signature
Handwritten signature

Handwritten: form 703
Handwritten: 9/26/05

0279

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(50) 4-Methyl-2-Pentanone

11.914min (+0.180) 1.06PPB m

response 387723

Ion	Exp%	Act%
43.00	100	100
58.00	38.50	0.00#
100.00	12.40	0.00#
0.00	0.00	0.00

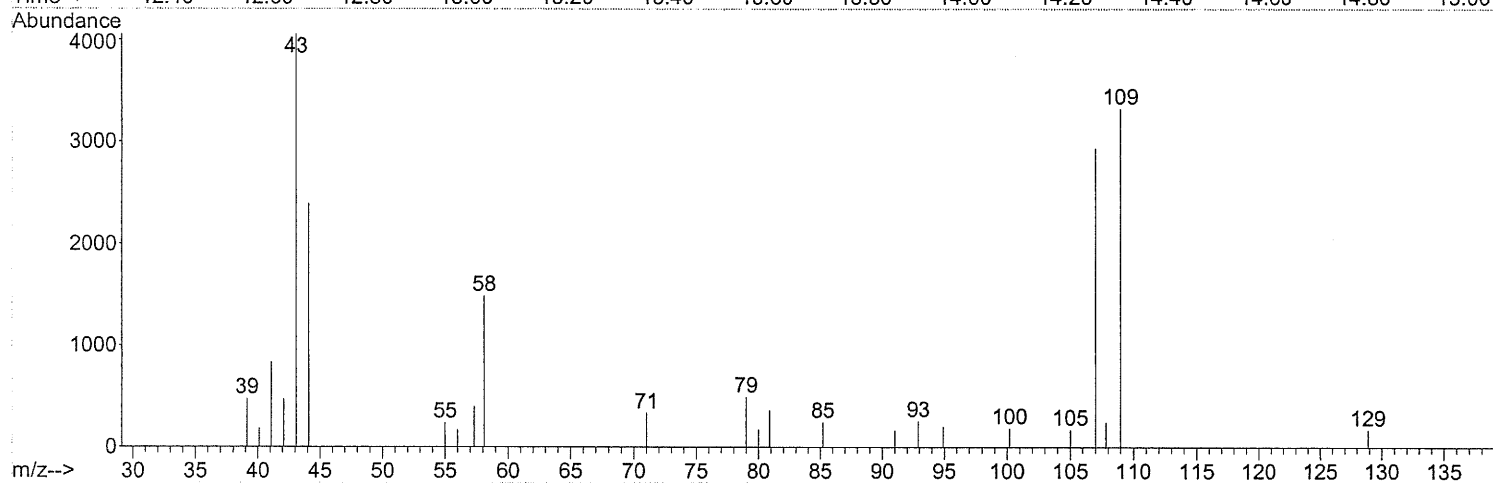
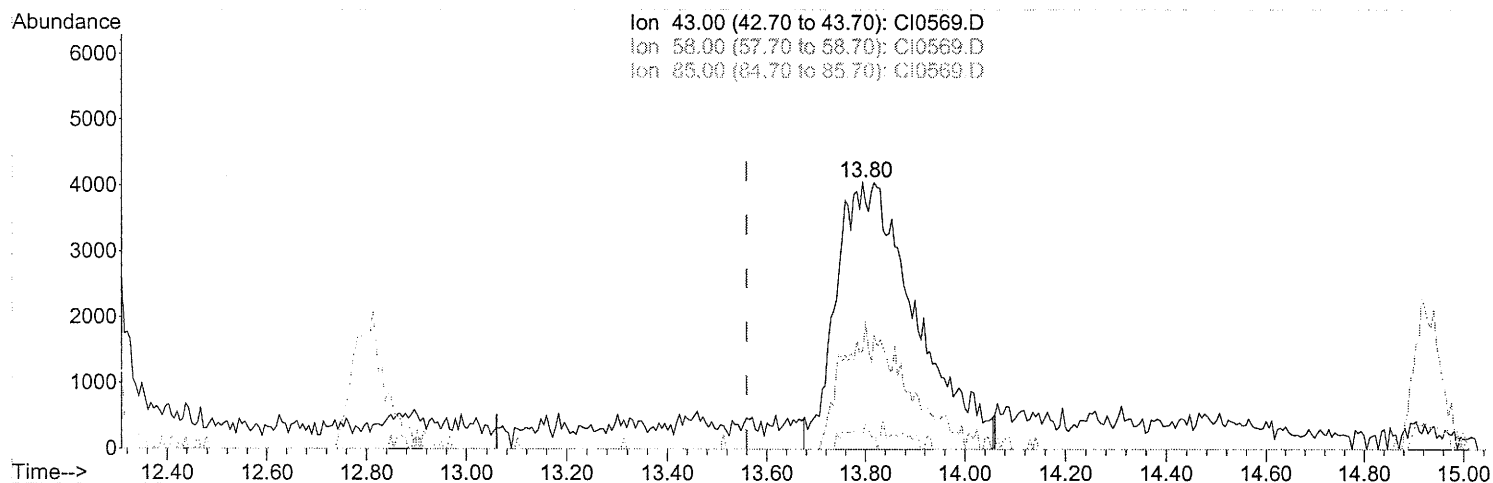
Spirit peak
Mon 9/27/05

from 703 *9/26/05*

8288

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0569.D
Acq On : 25 Sep 2005 20:18
Operator : JBS
Sample : VSTD001
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Sep 26 02:40:49 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Sun Sep 25 18:05:26 2005
Response via : Initial Calibration



TIC: CI0569.D

(58) 2-Hexanone

13.795min (+0.235) 1.43PPB m

response 448950

Ion	Exp%	Act%
43.00	100	100
58.00	53.20	0.00#
85.00	7.20	0.00#
0.00	0.00	0.00

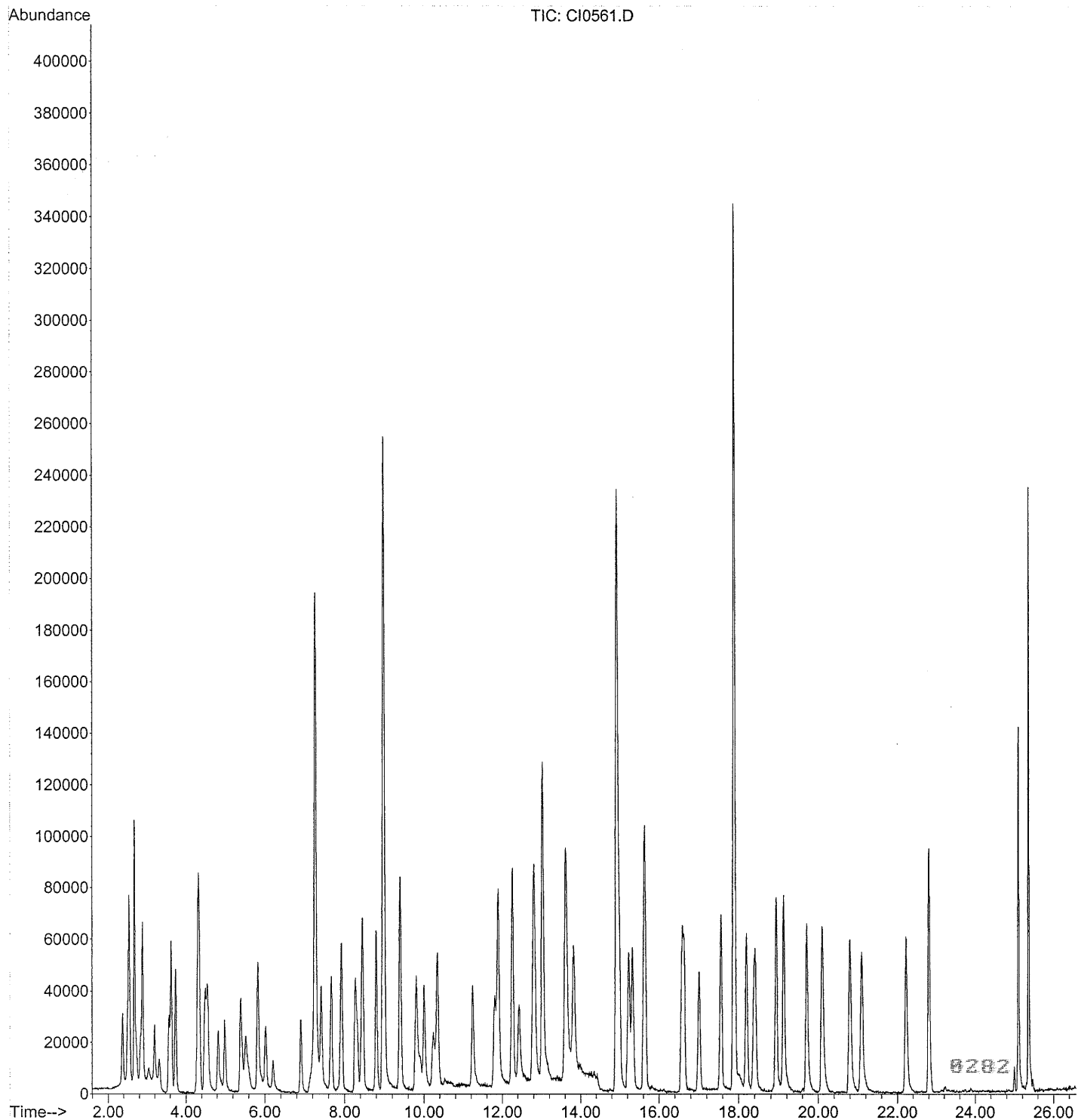
Spent
9/27/05

5m 153 *09/26/05*

0281

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:14:30 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0561.D
 Acq On : 25 Sep 2005 14:58
 Operator : JBS
 Sample : VSTD002
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:14:30 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	1147575	10.000		-0.04
37) 1,4-Difluorobenzene	8.98	114	4176370	10.000		-0.07
51) Chlorobenzene d5	14.93	117	3277061	10.000		-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	2.50	41	218209	0.798	PPB	# 91
3) Dichlorodifluoromethane	2.53	85	608888	1.403	PPB	100
4) Chlorodifluoromethane	2.55	51	395992	0.862	PPB	# 93
5) Freon 114	2.67	85	655357	1.439	PPB	100
6) Chloromethane	2.71	50	315883m	0.894	PPB	
7) Vinyl Chloride	2.83	62	234359	1.209	PPB	99
8) 1,3-Butadiene	2.88	54	379081	1.005	PPB	# 83
9) Bromomethane	3.19	94	215737	1.518	PPB	91
10) Chloroethane	3.32	64	102007	1.088	PPB	# 46
11) Dichlorofluoromethane	3.57	67	400845	1.219	PPB	96
12) Trichlorofluoromethane	3.62	101	698300	1.631	PPB	99
13) Pentane	3.73	43	500853	0.869	PPB	96
14) Acrolein	4.27	56	57032	1.078	PPB	# 15
15) 1,1-Dichloroethene	4.30	61	390462	1.184	PPB	93
16) Freon 113	4.33	103	306762	1.614	PPB	97
17) Acetone	4.51	43	337729	0.732	PPB	# 85
18) Methyl Iodide	4.48	142	667080	2.274	PPB	89
19) Carbon Disulfide	4.56	76	634871	1.512	PPB	# 89
20) Acetonitrile	4.83	41	322276	0.757	PPB	# 52
21) 3-Chloropropene	4.83	76	112038m	1.729	PPB	
22) Methylene Chloride	5.00	84	185541	1.451	PPB	# 79
23) tert-Butyl Alcohol	5.91	59	384735m	1.426	PPB	
24) Acrylonitrile	5.43	53	208857	0.794	PPB	# 88
25) trans-1,2-Dichloroethene	5.40	61	308457	1.178	PPB	# 86
26) Methyl t-Butyl Ether	5.53	73	477771	1.381	PPB	# 42
27) Hexane	5.83	57	364233	1.153	PPB	# 83
28) 1,1-Dichloroethane	6.01	63	362069	1.083	PPB	98
29) Vinyl Acetate	6.21	43	326654	0.669	PPB	# 78
30) cis-1,2-Dichloroethene	6.91	61	268476	1.054	PPB	88
31) 2-Butanone	7.19	72	81214m	1.448	PPB	
32) Ethyl Acetate	7.24	70	30588m	1.273	PPB	
33) Methyl Acrylate	7.23	55	332114	1.008	PPB	# 80
34) Chloroform	7.42	83	426085	1.486	PPB	96
35) 1,1,1-Trichloroethane	7.67	97	476170	1.600	PPB	97
36) Carbon Tetrachloride	7.92	117	568890	1.856	PPB	99
38) 1,2-Dichloroethane	8.33	62	280835	1.163	PPB	100
39) Benzene	8.27	78	610321	1.557	PPB	97
40) Isooctane	8.45	57	1107683	1.194	PPB	# 89
41) Heptane	8.80	43	492612	1.000	PPB	97
42) Trichloroethene	9.40	130	510052	2.884	PPB	93
43) Ethyl Acrylate	9.85	55	496117	1.276	PPB	# 85
44) 1,2-Dichloropropane	9.81	63	261007	1.425	PPB	# 91
45) Methyl Methacrylate	10.25	69	202048	1.780	PPB	96
46) Dibromomethane	10.01	174	308976	2.765	PPB	# 87 6283
47) 1,4-Dioxane	10.53	88	98393m	3.141	PPB	
48) Bromodichloromethane	10.35	83	550697	1.946	PPB	97

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0561.D
 Acq On : 25 Sep 2005 14:58
 Operator : JBS
 Sample : VSTD002
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:14:30 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

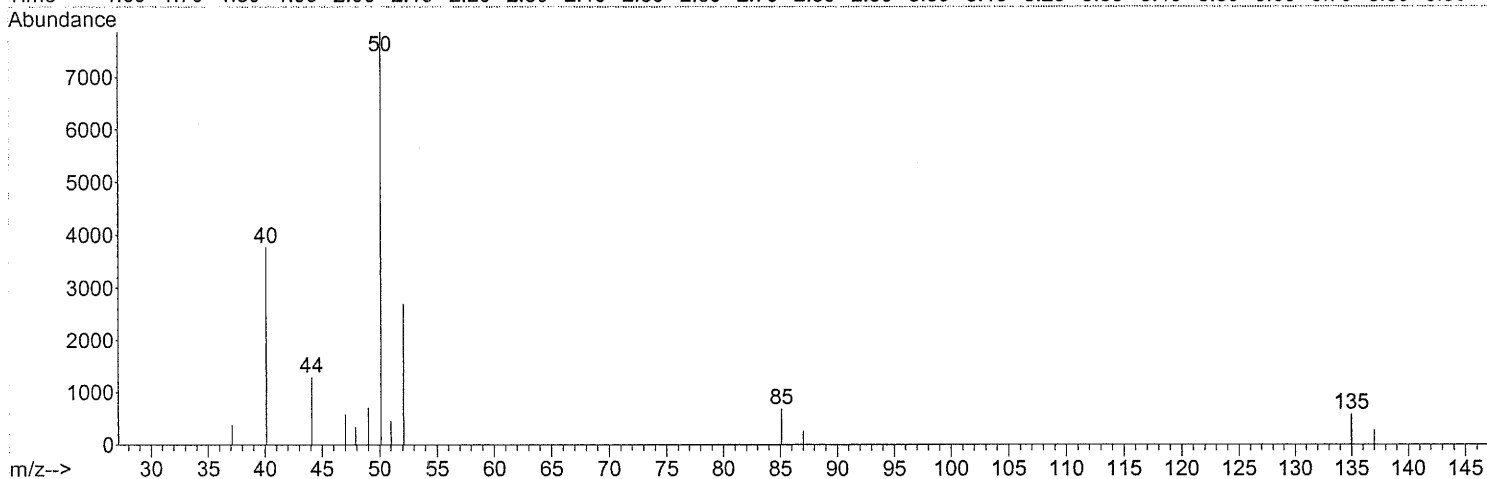
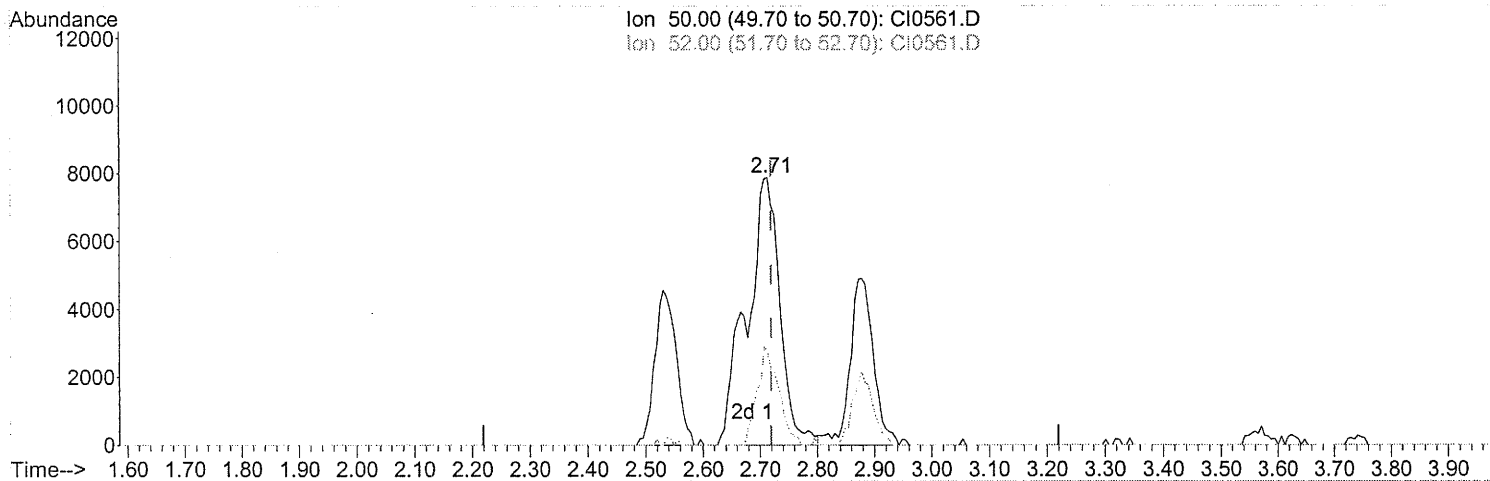
49) cis-1,3-Dichloropropene	11.24	75	410064	1.615	PPB	# 73
50) 4-Methyl-2-Pentanone	11.80	43	857773	1.449	PPB	91
52) Toluene	11.89	91	1151539	3.266	PPB	98
53) Octane	12.26	43	836015	1.482	PPB	95
54) trans-1,3-Dichloropropene	12.44	75	334394	1.936	PPB	# 78
55) Ethyl Methacrylate	12.82	69	418096	2.854	PPB	# 85
56) 1,1,2-Trichloroethane	12.79	97	420934	3.313	PPB	98
57) Tetrachloroethene	13.02	166	786595	4.603	PPB	96
58) 2-Hexanone	13.64	43	1060885m	3.207	PPB	
59) Dibromochloromethane	13.61	127	788974	4.594	PPB	97
60) 1,2-Dibromoethane	13.82	107	749371	4.152	PPB	99
61) Chlorobenzene	14.99	112	625283	2.272	PPB	98
62) 1,1,1,2-Tetrachloroethane	15.23	131	353816	2.305	PPB	# 75
63) Ethylbenzene	15.33	91	904252	2.047	PPB	97
64) m/p-Xylene	15.63	91	1415085	3.824	PPB	100
65) o-Xylene	16.58	91	724302	2.143	PPB	99
66) Styrene	16.63	104	594605	2.359	PPB	# 100
67) Bromoform	17.01	173	464554	2.854	PPB	98
68) Cumene	17.56	105	962196	2.677	PPB	97
69) 1,1,2,2-Tetrachloroethane	18.38	83	353757	1.470	PPB	92
70) 1,2,3-Trichloropropane	18.42	110	141740	2.134	PPB	99
71) Bromobenzene	18.19	156	372023	2.802	PPB	98
72) 4-Ethyltoluene	18.93	105	1081757	2.376	PPB	98
73) 1,3,5-Trimethylbenzene	19.13	105	1030440	2.517	PPB	90
74) Alpha Methyl Styrene	19.71	118	527647	4.815	PPB	94
75) 1,2,4-Trimethylbenzene	20.10	105	979953	2.410	PPB	99
76) 1,3-Dichlorobenzene	20.79	146	716343	2.780	PPB	100
77) 1,4-Dichlorobenzene	21.09	146	685788	2.578	PPB	99
78) Benzyl Chloride	16.58	91	724302	2.143	PPB	# 100
79) 1,2-Dichlorobenzene	22.21	146	695776	2.826	PPB	99
80) Hexachloroethane	22.81	117	402983	4.163	PPB	# 95
81) 1,2,4-Trichlorobenzene	25.10	180	559767	3.083	PPB	98
82) Hexachlorobutadiene	25.36	225	492219	2.897	PPB	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0284

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(6) Chloromethane

2.713min (-0.006) 0.89PPB m

response 315883

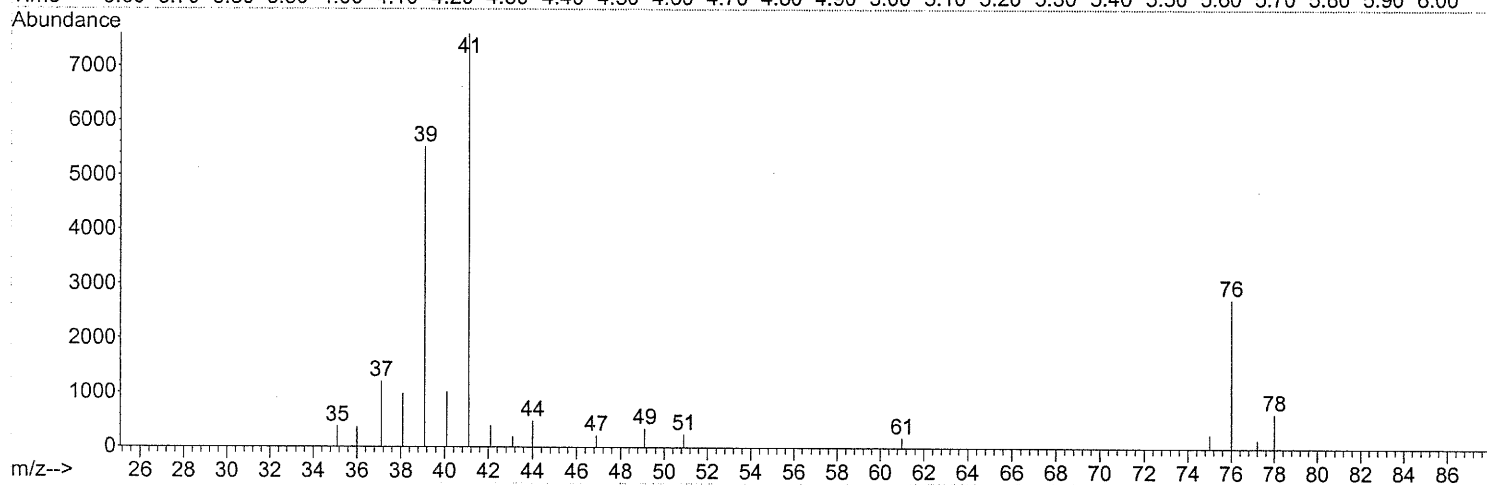
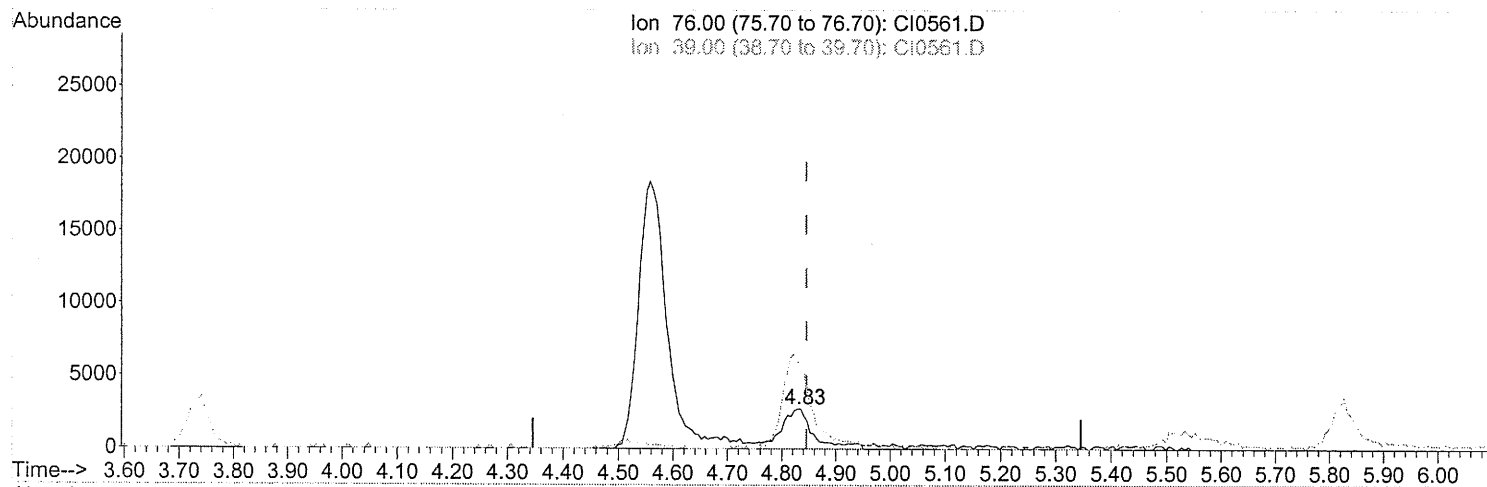
Ion	Exp%	Act%
50.00	100	100
52.00	26.20	23.84
0.00	0.00	0.00
0.00	0.00	0.00

Split Peak
May
9/27/05

from 703 *9/26/05* *285*

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(21) 3-Chloropropene

4.834min (-0.011) 1.73PPB m

response 112038

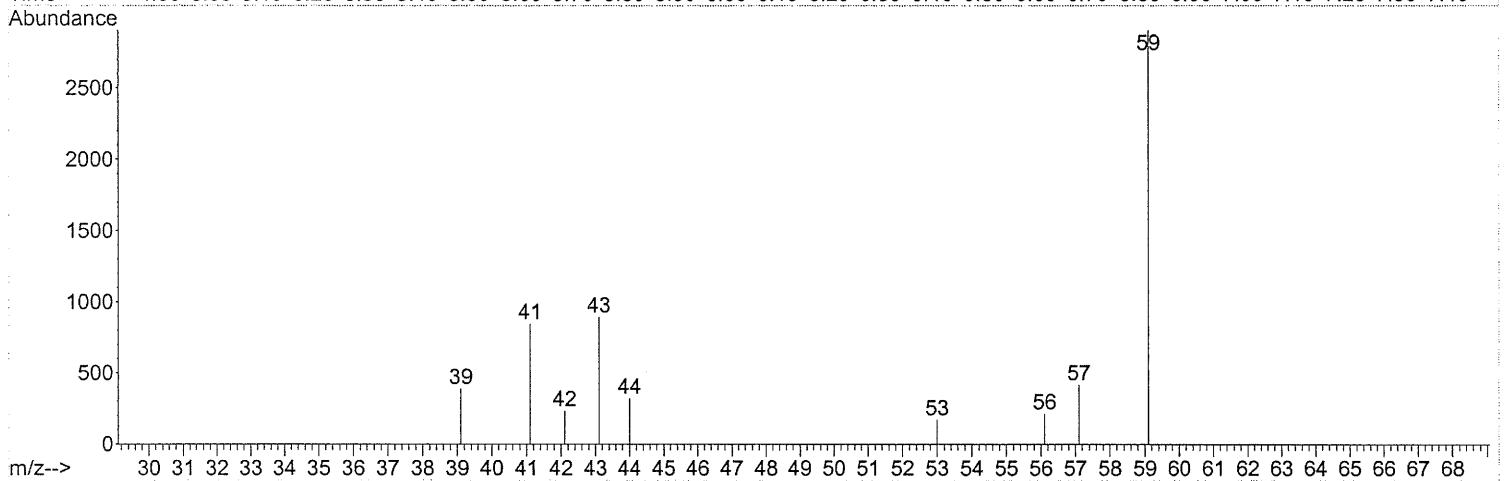
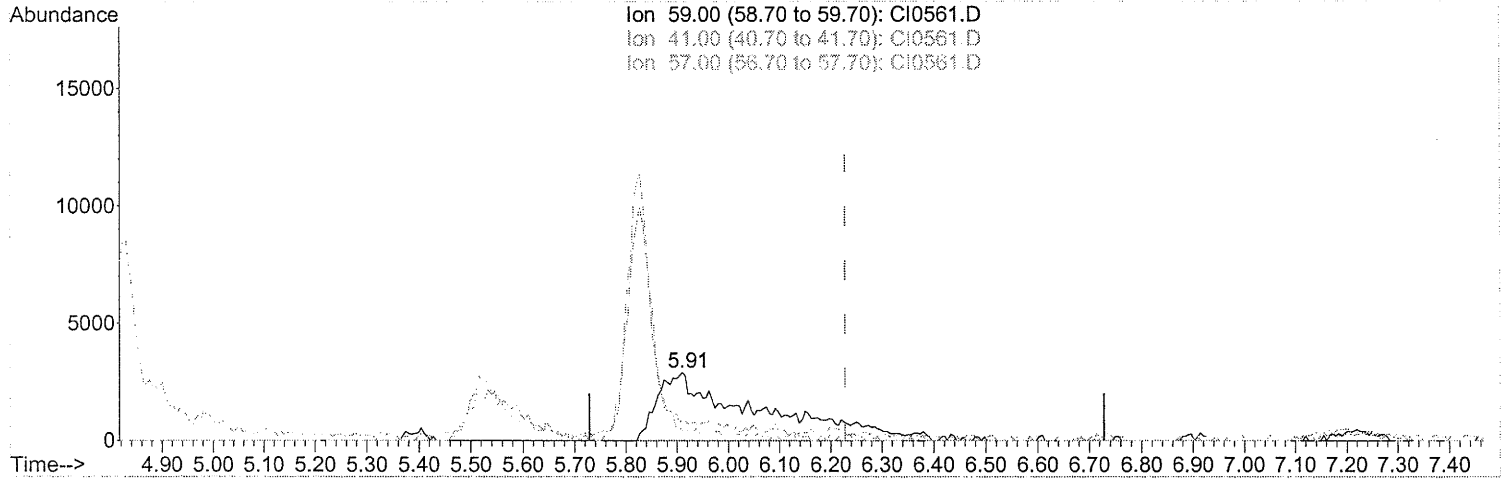
Ion	Exp%	Act%
76.00	100	100
39.00	244.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Signature
Kern
9/27/05

Signature 9/26/05 8286

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(23) tert-Butyl Alcohol

5.910min (-0.319) 1.43PPB m

response 384735

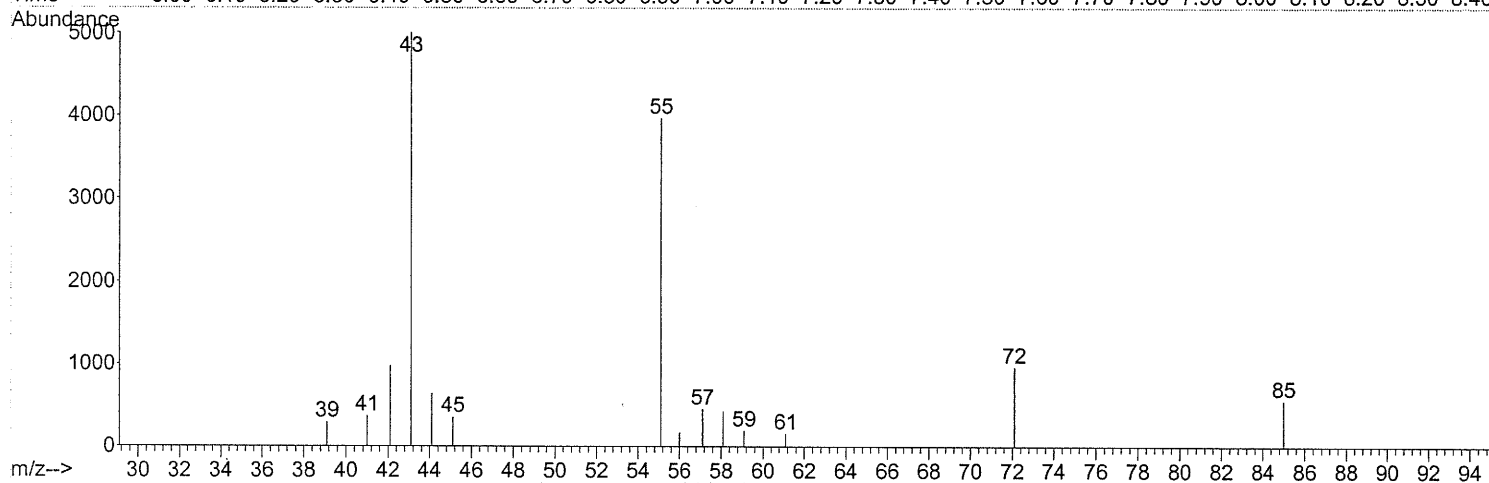
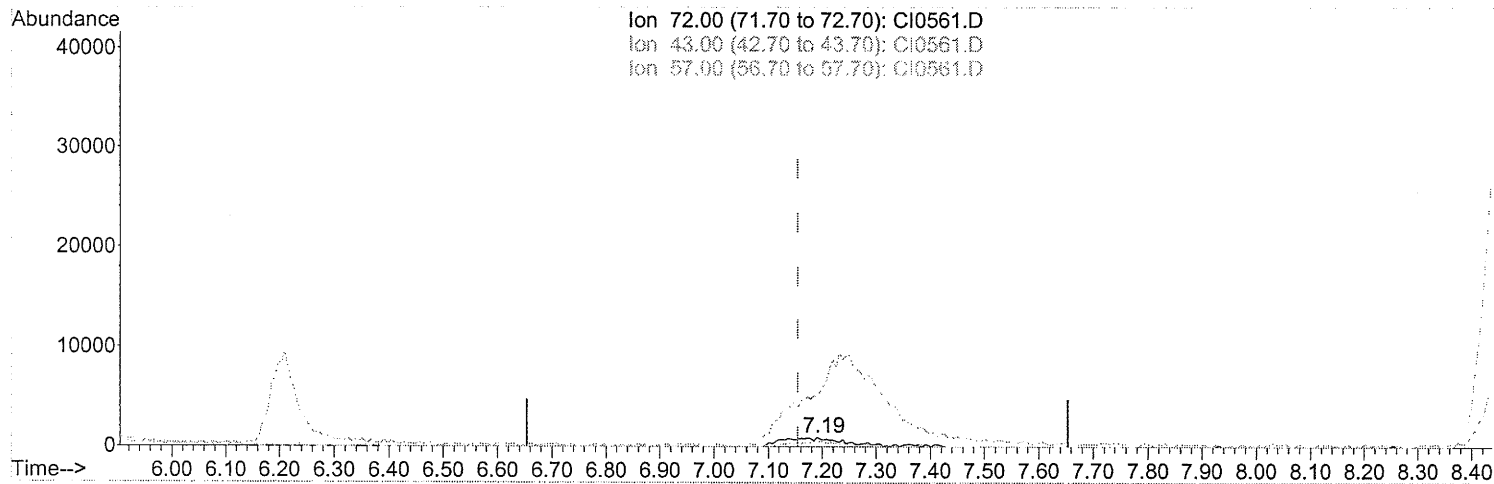
Ion	Exp%	Act%
59.00	100	100
41.00	0.00	0.00
57.00	0.00	0.00
0.00	0.00	0.00

Int peak
9/22/05

form 753 9/26/05 8287

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(31) 2-Butanone

7.190min (+0.036) 1.45PPB m

response 81214

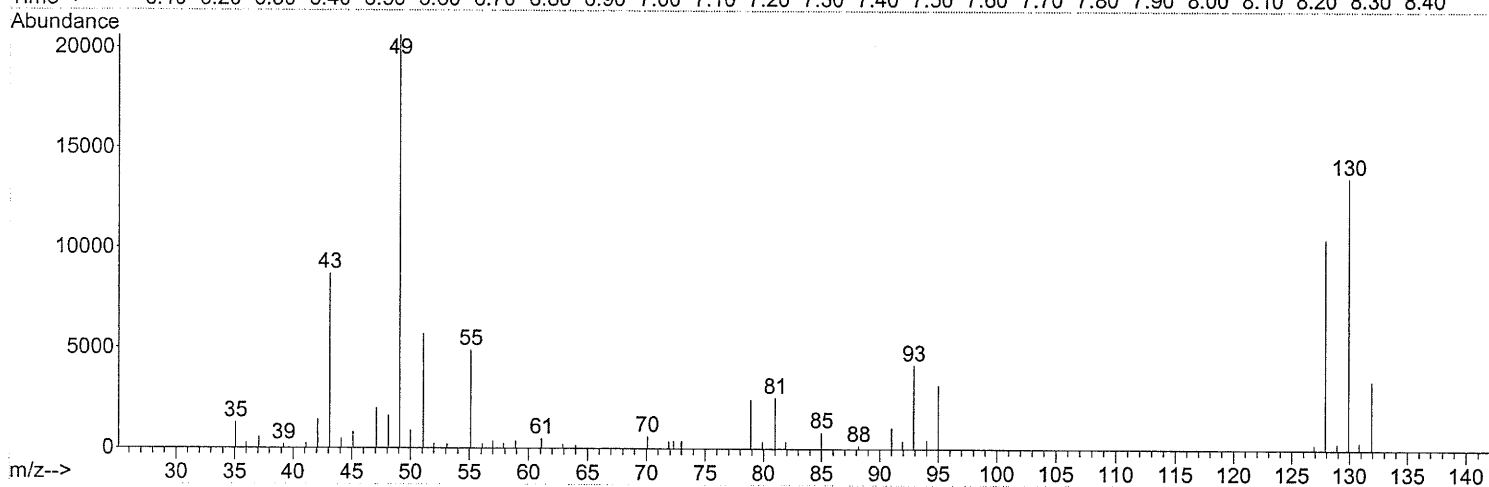
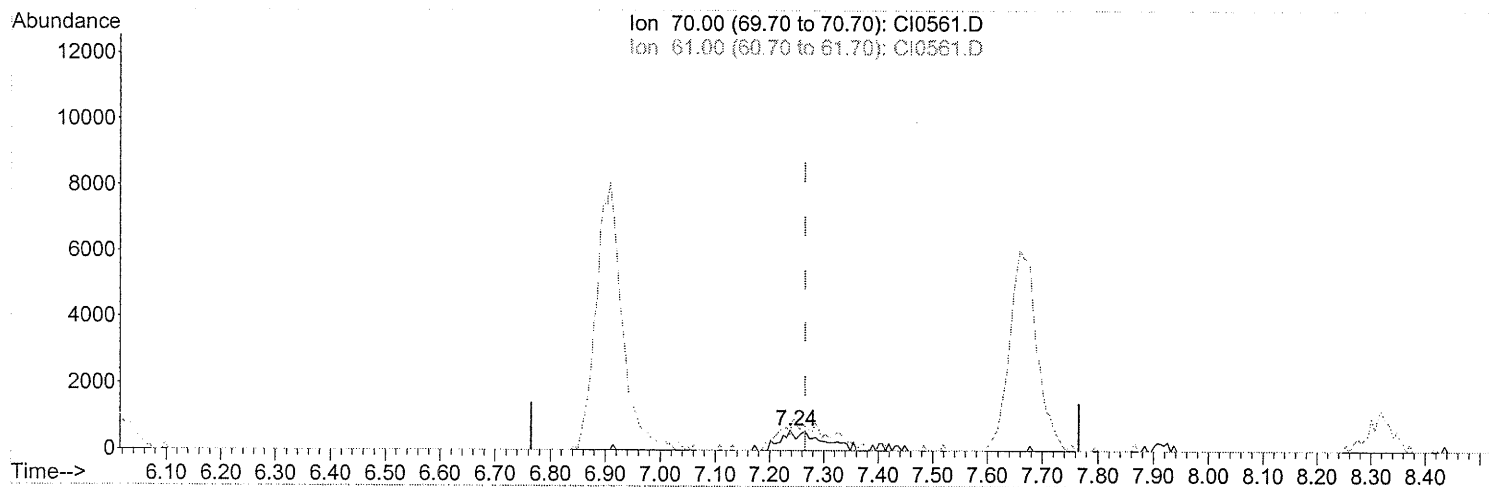
Ion	Exp%	Act%
72.00	100	100
43.00	518.90	0.00#
57.00	36.10	0.00#
0.00	0.00	0.00

Spent peak
Mass
9/27/05

form 703 9/26/05 0288

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(32) Ethyl Acetate

7.237min (-0.028) 1.27PPB m

response 30588

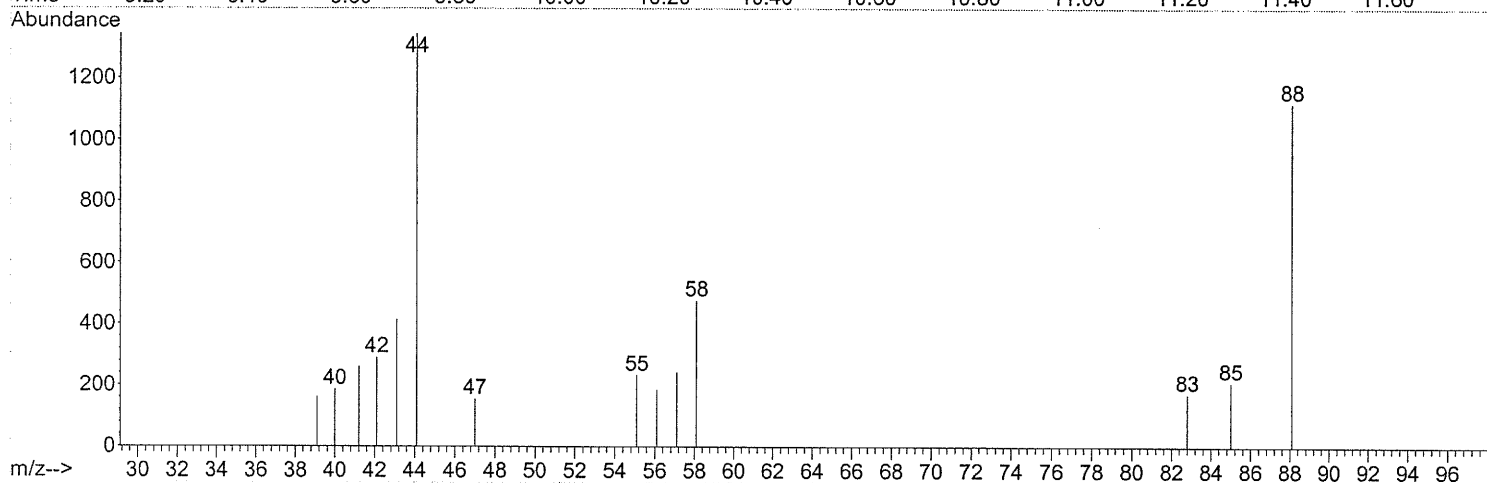
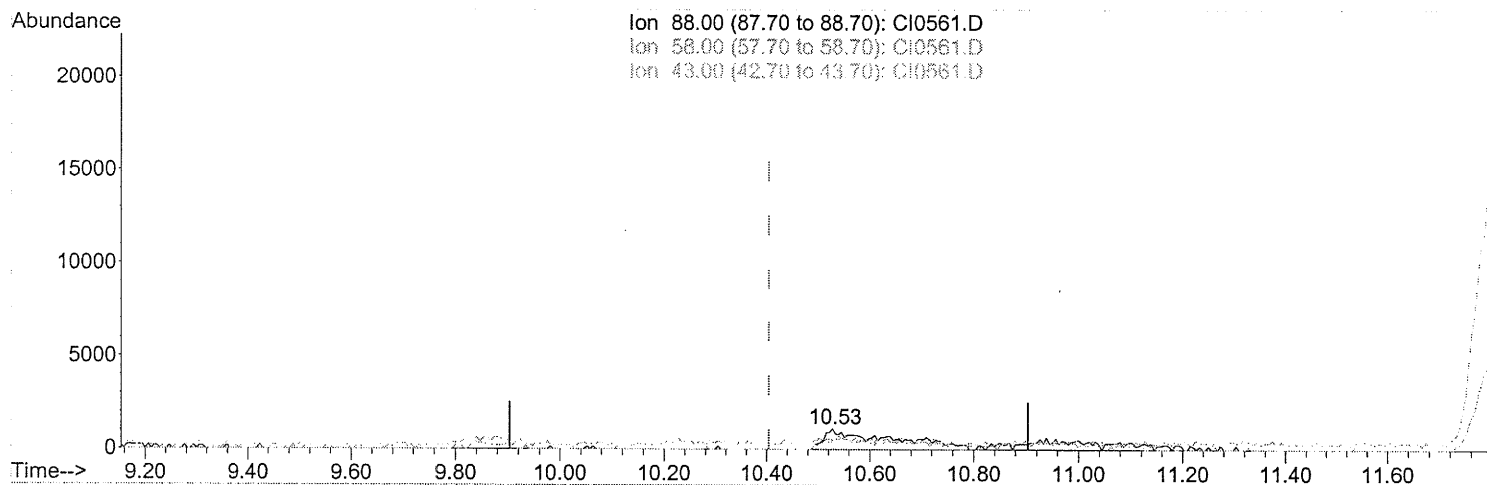
Ion	Exp%	Act%
70.00	100	100
61.00	172.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

*Spot check
OK
9/27/05*

from 703 9/26/05

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0561.D
Acq On : 25 Sep 2005 14:58
Operator : JBS
Sample : VSTD002
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0561.D

(47) 1,4-Dioxane

10.528min (+0.124) 3.14PPB m

response 98393

Ion	Exp%	Act%
88.00	100	100
58.00	91.00	0.00#
43.00	0.80	0.00#
0.00	0.00	0.00

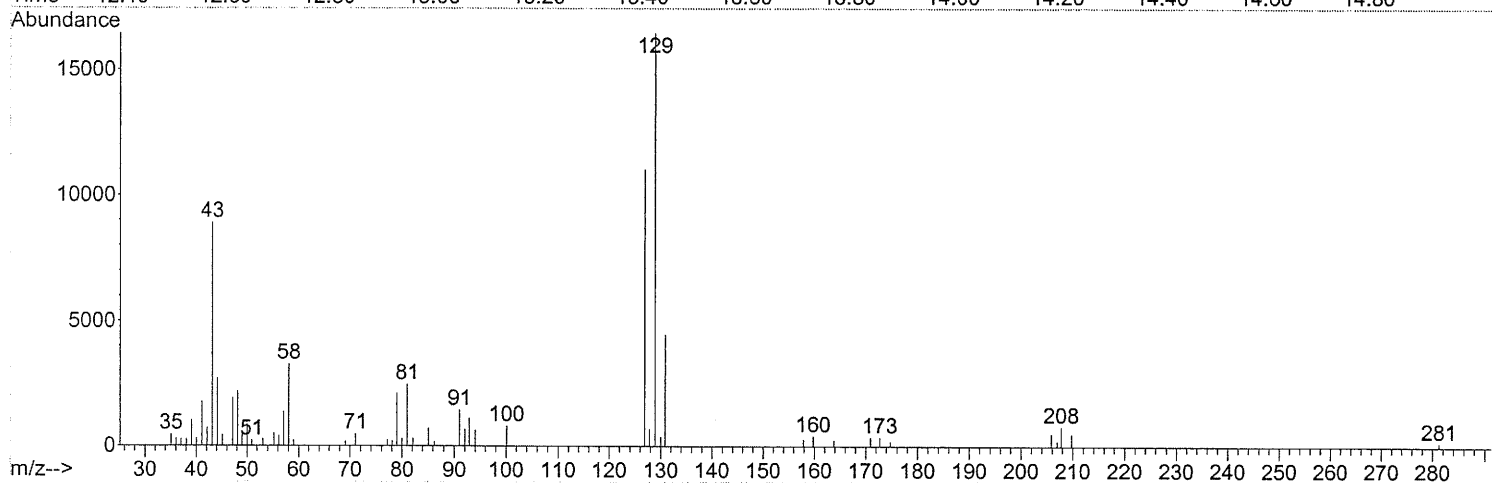
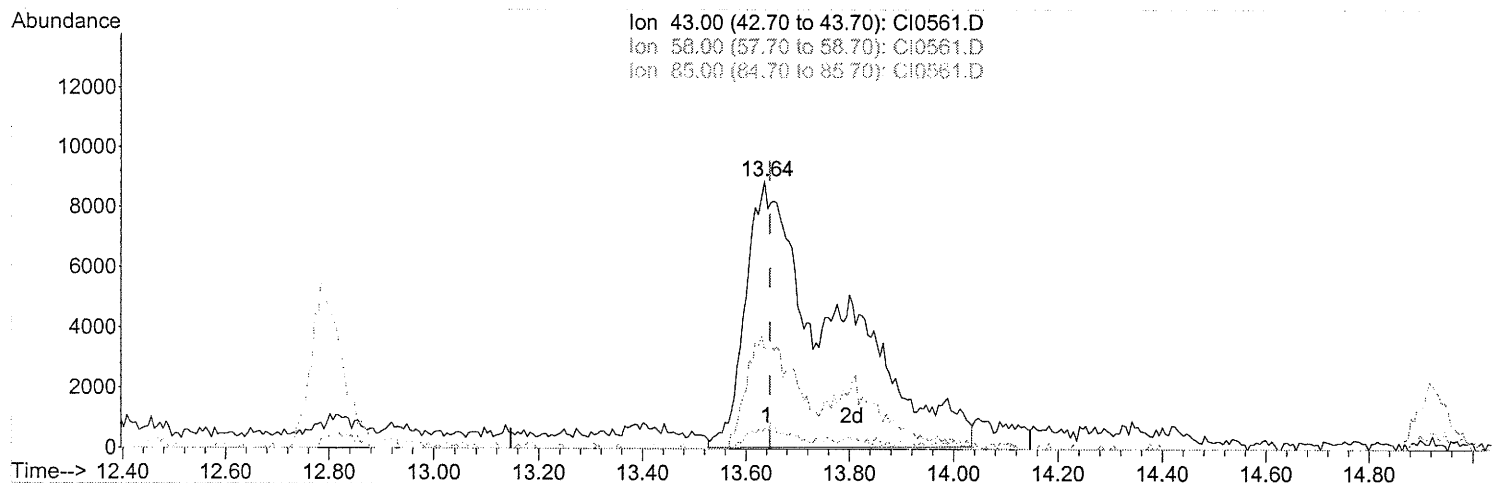
Signature
9/27/05

Signature 9/26/05 8290

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0561.D
 Acq On : 25 Sep 2005 14:58
 Operator : JBS
 Sample : VSTD002
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:07:54 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration



TIC: CI0561.D

(58) 2-Hexanone

13.636min (-0.011) 3.21PPB m

response 1060885

Ion	Exp%	Act%
43.00	100	100
58.00	53.20	2.42#
85.00	7.20	3.43#
0.00	0.00	0.00

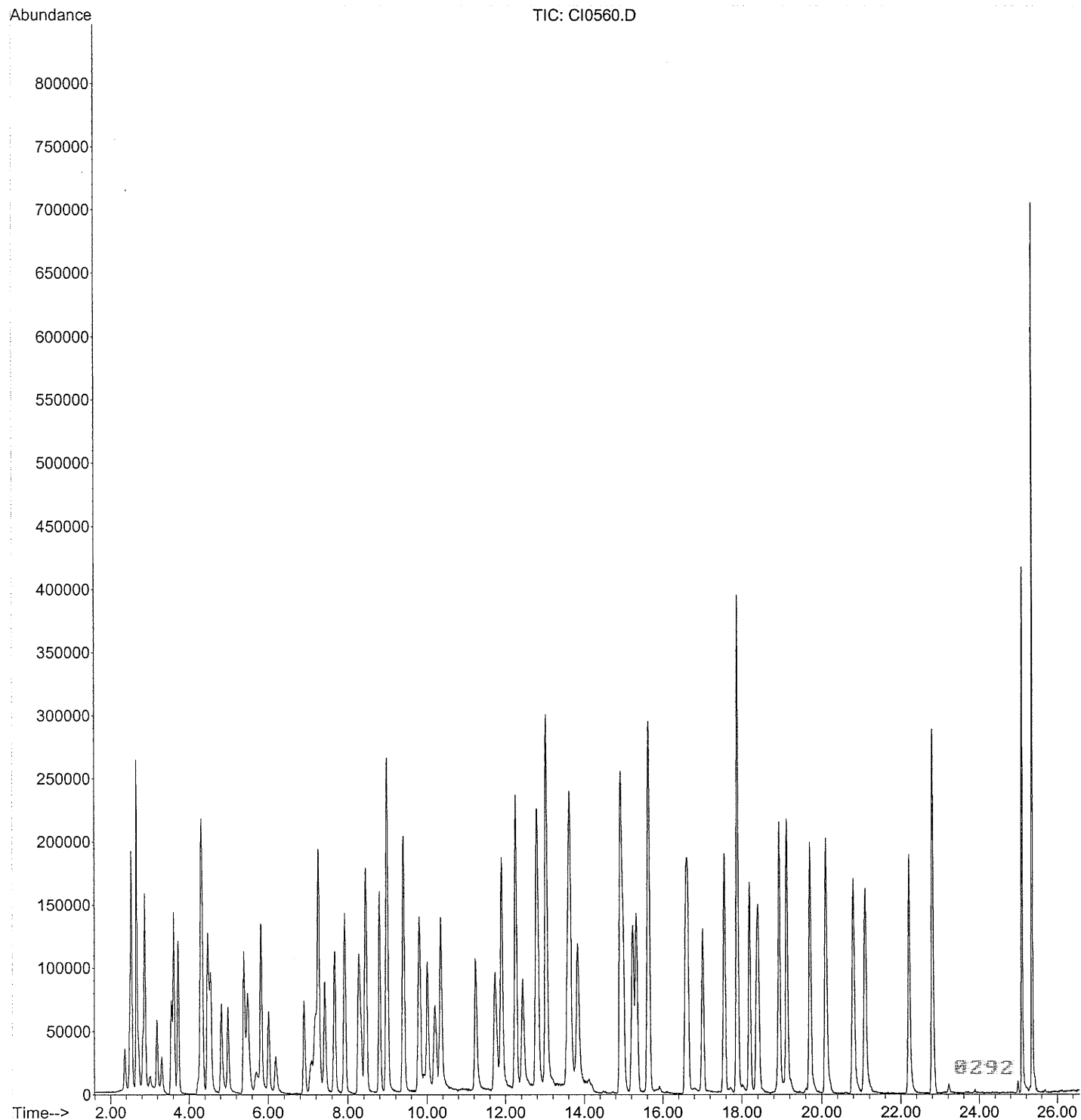
*Split peak
 9/27/05*

*from 783
 9/26/05*

8291

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0560.D
Acq On : 25 Sep 2005 14:20
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:12:08 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0560.D
 Acq On : 25 Sep 2005 14:20
 Operator : JBS
 Sample : VSTD005
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:12:08 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.27	130	1173690	10.000		-0.04
37) 1,4-Difluorobenzene	8.99	114	4638713	10.000		-0.06
51) Chlorobenzene d5	14.93	117	3641940	10.000		-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	2.50	41	516598	1.848	PPB	# 90
3) Dichlorodifluoromethane	2.53	85	1524385	3.434	PPB	100
4) Chlorodifluoromethane	2.54	51	991738	2.112	PPB	96
5) Freon 114	2.66	85	1674237	3.596	PPB	100
6) Chloromethane	2.71	50	772199m	2.137	PPB	
7) Vinyl Chloride	2.83	62	577976	2.914	PPB	98
8) 1,3-Butadiene	2.88	54	947787	2.457	PPB	# 86
9) Bromomethane	3.19	94	556797	3.830	PPB	99
10) Chloroethane	3.31	64	273630	2.854	PPB	97
11) Dichlorofluoromethane	3.56	67	1011946	3.009	PPB	# 95
12) Trichlorofluoromethane	3.62	101	1709546	3.905	PPB	98
13) Pentane	3.73	43	1200493	2.037	PPB	94
14) Acrolein	4.24	56	189289	3.499	PPB	94
15) 1,1-Dichloroethene	4.30	61	940659	2.789	PPB	# 89
16) Freon 113	4.33	103	788967	4.058	PPB	98
17) Acetone	4.47	43	941937	1.996	PPB	# 86
18) Methyl Iodide	4.48	142	1753029	5.842	PPB	90
19) Carbon Disulfide	4.56	76	1615366	3.762	PPB	96
20) Acetonitrile	4.83	41	1103116	2.534	PPB	# 73
21) 3-Chloropropene	4.82	76	230661	3.480	PPB	83
22) Methylene Chloride	4.99	84	457071	3.494	PPB	# 77
23) tert-Butyl Alcohol	5.71	59	1082332m	3.922	PPB	
24) Acrylonitrile	5.41	53	673454	2.505	PPB	95
25) trans-1,2-Dichloroethene	5.39	61	763232	2.851	PPB	# 83
26) Methyl t-Butyl Ether	5.49	73	1464006	4.139	PPB	# 88
27) Hexane	5.83	57	977064	3.023	PPB	90
28) 1,1-Dichloroethane	6.02	63	933317	2.730	PPB	95
29) Vinyl Acetate	6.19	43	921463	1.845	PPB	# 78
30) cis-1,2-Dichloroethene	6.91	61	676898	2.599	PPB	# 80
31) 2-Butanone	7.10	72	207438	3.617	PPB	# 53
32) Ethyl Acetate	7.21	70	91886m	3.739	PPB	
33) Methyl Acrylate	7.20	55	892400	2.648	PPB	# 82
34) Chloroform	7.43	83	1088529	3.711	PPB	98
35) 1,1,1-Trichloroethane	7.67	97	1260062	4.139	PPB	96
36) Carbon Tetrachloride	7.93	117	1447018	4.617	PPB	100
38) 1,2-Dichloroethane	8.33	62	777316	2.898	PPB	98
39) Benzene	8.28	78	1595946	3.667	PPB	98
40) Isooctane	8.45	57	2954144	2.867	PPB	# 90
41) Heptane	8.80	43	1297171	2.370	PPB	94
42) Trichloroethene	9.41	130	1369191	6.971	PPB	98
43) Ethyl Acrylate	9.80	55	1313352	3.040	PPB	# 95
44) 1,2-Dichloropropane	9.81	63	687634	3.381	PPB	# 89
45) Methyl Methacrylate	10.21	69	574627	4.558	PPB	95
46) Dibromomethane	10.02	174	889174	7.164	PPB	94 8293
47) 1,4-Dioxane	10.40	88	369053m	10.608	PPB	
48) Bromodichloromethane	10.35	83	1454545	4.628	PPB	98

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0560.D
 Acq On : 25 Sep 2005 14:20
 Operator : JBS
 Sample : VSTD005
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:12:08 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

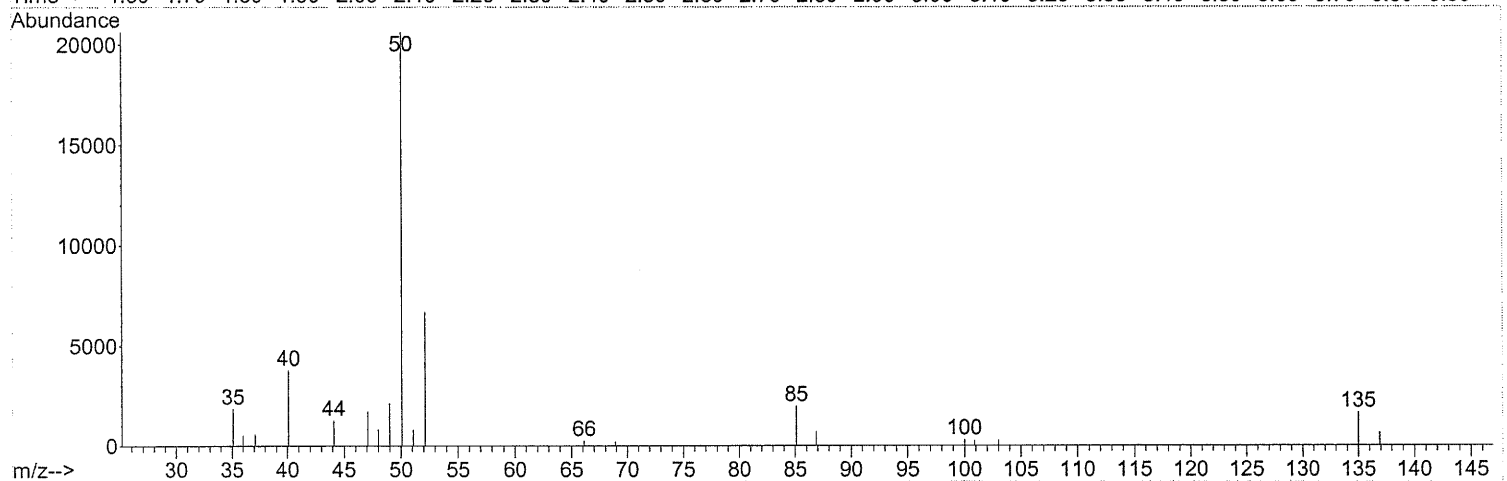
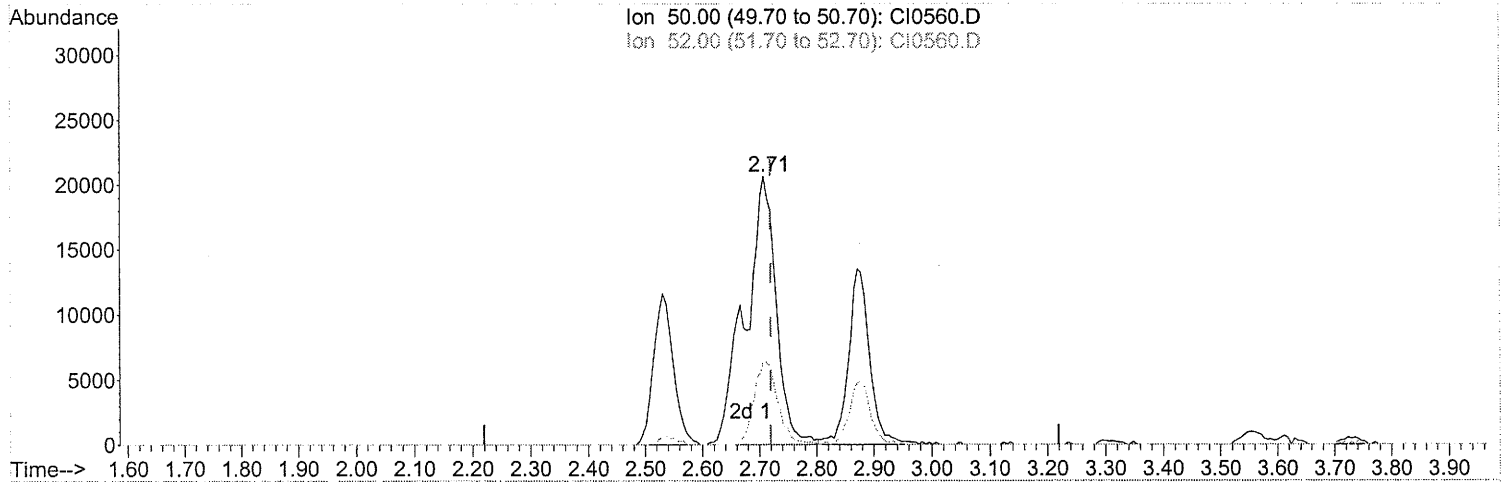
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) cis-1,3-Dichloropropene	11.25	75	1131436	4.011	PPB	# 88
50) 4-Methyl-2-Pentanone	11.74	43	2021071	3.075	PPB	94
52) Toluene	11.90	91	3274097	8.356	PPB	96
53) Octane	12.26	43	2409685	3.844	PPB	93
54) trans-1,3-Dichloropropene	12.43	75	1017004	5.298	PPB	# 87
55) Ethyl Methacrylate	12.79	69	1113218	6.839	PPB	# 84
56) 1,1,2-Trichloroethane	12.80	97	1161156	8.224	PPB	97
57) Tetrachloroethene	13.03	166	1988064	10.468	PPB	98
58) 2-Hexanone	13.57	43	2212083m	6.018	PPB	
59) Dibromochloromethane	13.62	127	2139433	11.208	PPB	96
60) 1,2-Dibromoethane	13.83	107	2041760	10.180	PPB	98
61) Chlorobenzene	15.00	112	1640555	5.363	PPB	99
62) 1,1,1,2-Tetrachloroethane	15.24	131	950787	5.572	PPB	98
63) Ethylbenzene	15.34	91	2520369	5.134	PPB	99
64) m/p-Xylene	15.64	91	4083781	9.929	PPB	99
65) o-Xylene	16.59	91	2063926	5.495	PPB	100
66) Styrene	16.64	104	1705468	6.087	PPB	# 100
67) Bromoform	17.02	173	1262224	6.977	PPB	98
68) Cumene	17.56	105	2771150	6.938	PPB	98
69) 1,1,2,2-Tetrachloroethane	18.38	83	1024143	3.829	PPB	96
70) 1,2,3-Trichloropropane	18.42	110	399881	5.416	PPB	91
71) Bromobenzene	18.20	156	1025702	6.951	PPB	100
72) 4-Ethyltoluene	18.94	105	3121916	6.170	PPB	99
73) 1,3,5-Trimethylbenzene	19.14	105	2805196	6.165	PPB	98
74) Alpha Methyl Styrene	19.71	118	1498931	12.307	PPB	100
75) 1,2,4-Trimethylbenzene	20.10	105	2759592	6.107	PPB	99
76) 1,3-Dichlorobenzene	20.80	146	1987952	6.941	PPB	99
77) 1,4-Dichlorobenzene	21.10	146	1945978	6.581	PPB	98
78) Benzyl Chloride	16.59	91	2063926	5.495	PPB	# 100
79) 1,2-Dichlorobenzene	22.22	146	1879519	6.868	PPB	99
80) Hexachloroethane	22.81	117	1156494	10.751	PPB	96
81) 1,2,4-Trichlorobenzene	25.10	180	1629140	8.074	PPB	96
82) Hexachlorobutadiene	25.36	225	1443505	7.644	PPB	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0294

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0560.D
Acq On : 25 Sep 2005 14:20
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:06:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0560.D

(6) Chloromethane

2.707min (-0.012) 2.14PPB m

response 772199

Ion	Exp%	Act%
50.00	100	100
52.00	26.20	24.24
0.00	0.00	0.00
0.00	0.00	0.00

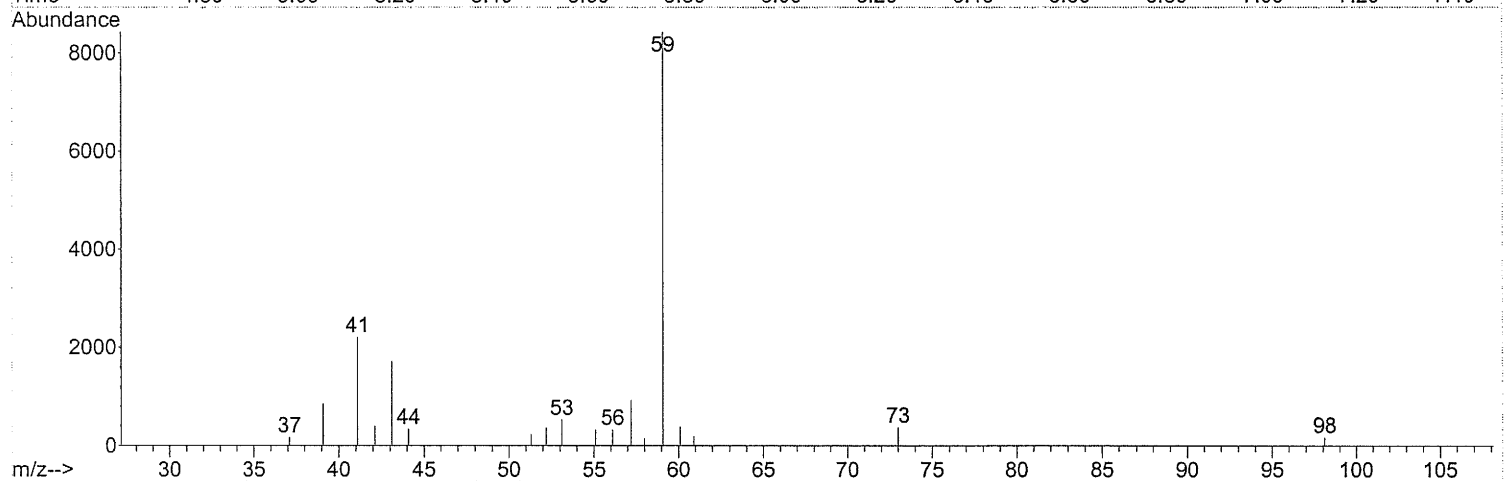
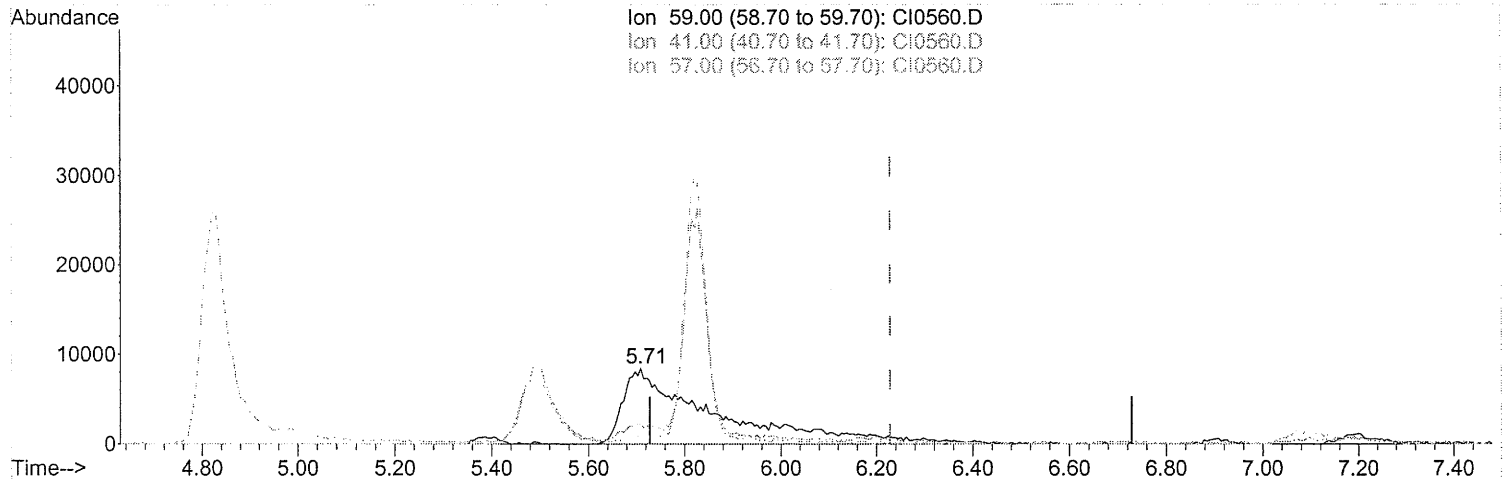
Split peak
9/27/05

from 713 9/26/05

Quantitation Report (Qedit)

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0560.D
 Acq On : 25 Sep 2005 14:20
 Operator : JBS
 Sample : VSTD005
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:06:29 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration



TIC: CI0560.D

(23) tert-Butyl Alcohol

5.710min (-0.519) 3.92PPB m

response 1082332

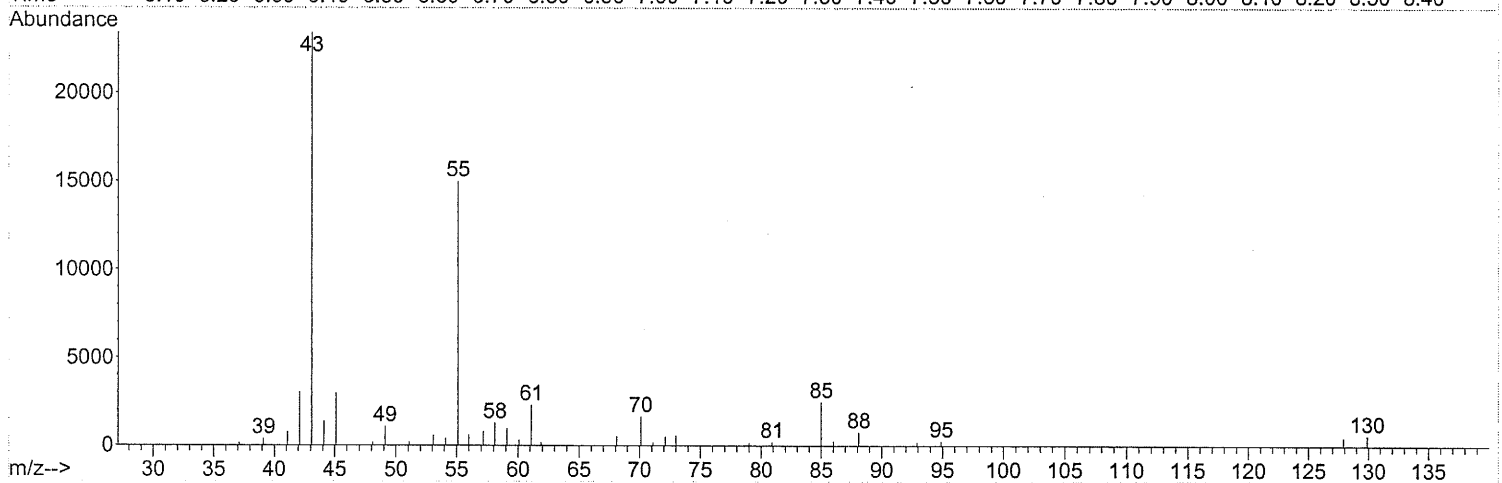
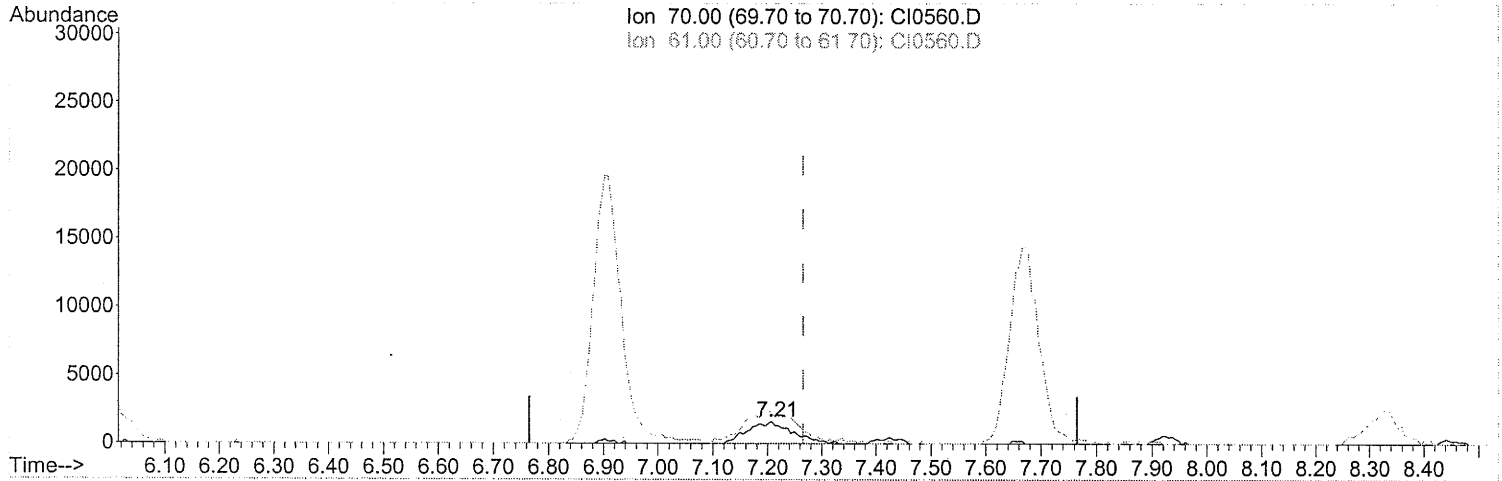
Ion	Exp%	Act%
59.00	100	100
41.00	0.00	0.00
57.00	0.00	0.00
0.00	0.00	0.00

Signature
 9/27/05

for m 9/26/05

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0560.D
Acq On : 25 Sep 2005 14:20
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:06:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0560.D

(32) Ethyl Acetate

7.208min (-0.058) 3.74PPB m

response 91886

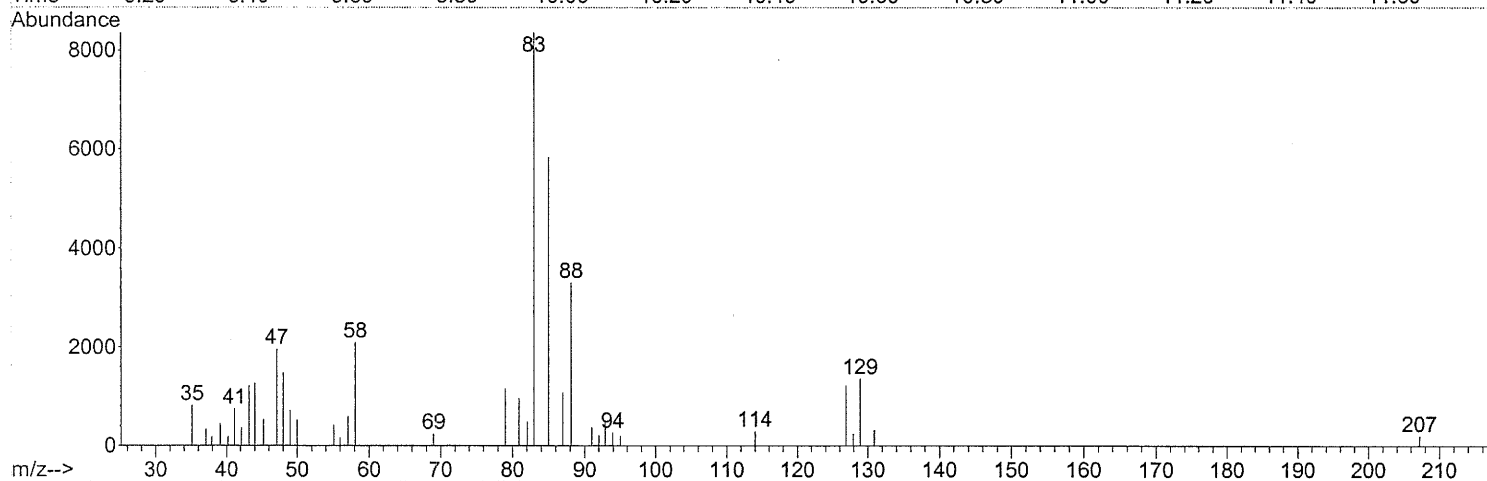
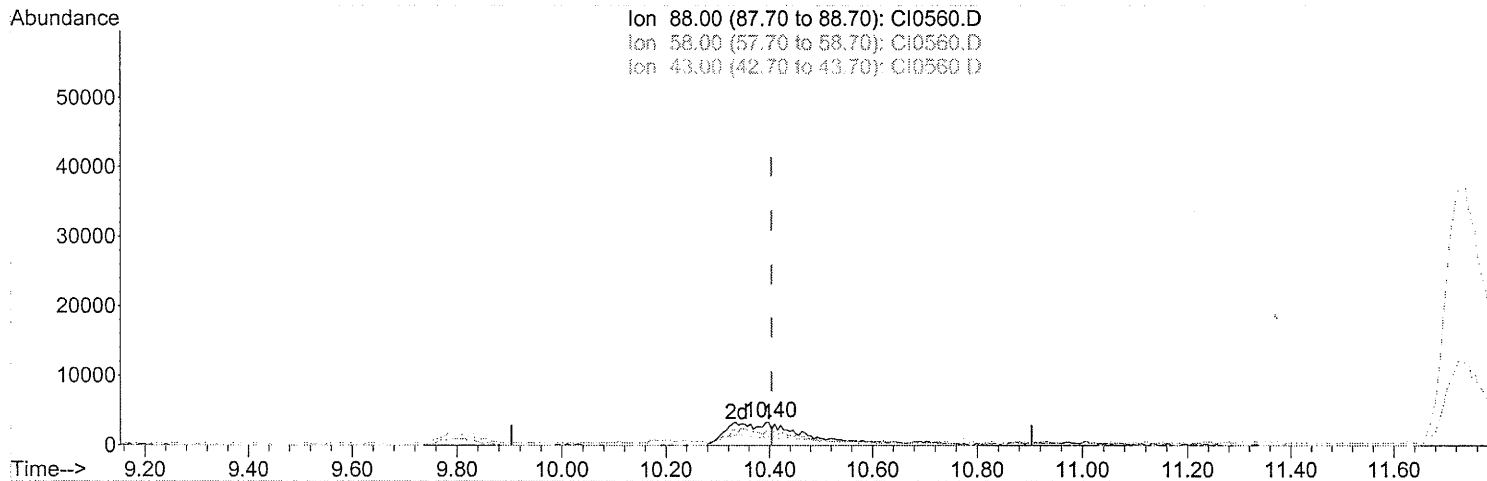
Ion	Exp%	Act%
70.00	100	100
61.00	172.00	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Spot peak
1/1/2005
9/27/05

from 703 9/26/05 9297

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0560.D
Acq On : 25 Sep 2005 14:20
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:06:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0560.D

(47) 1,4-Dioxane

10.398min (-0.006) 10.61PPB m

response 369053

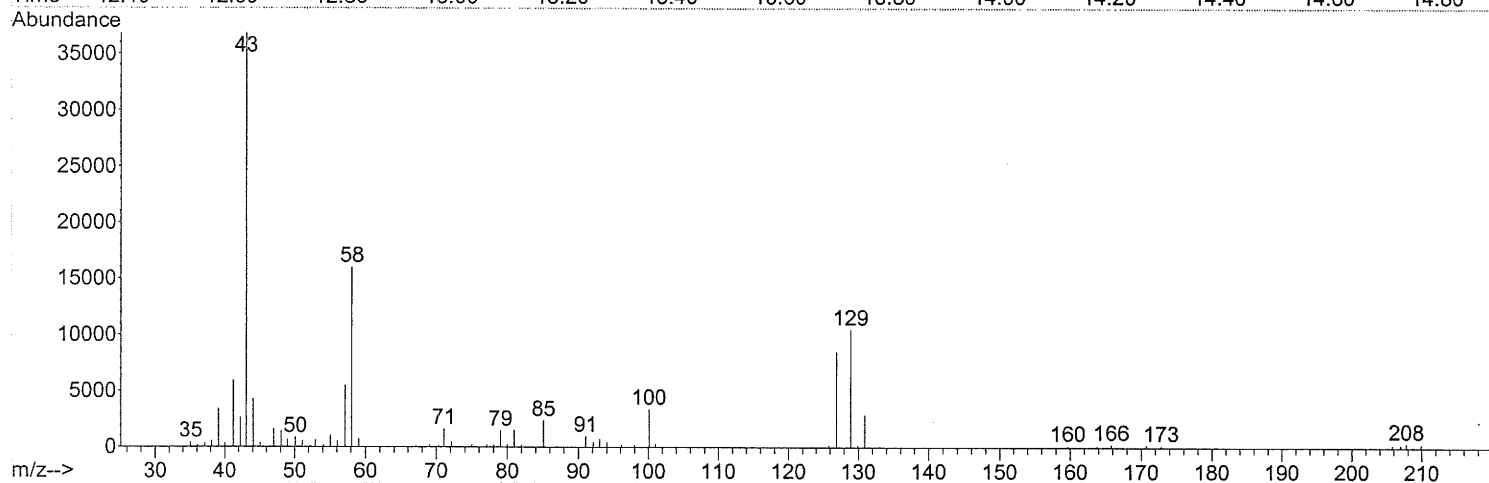
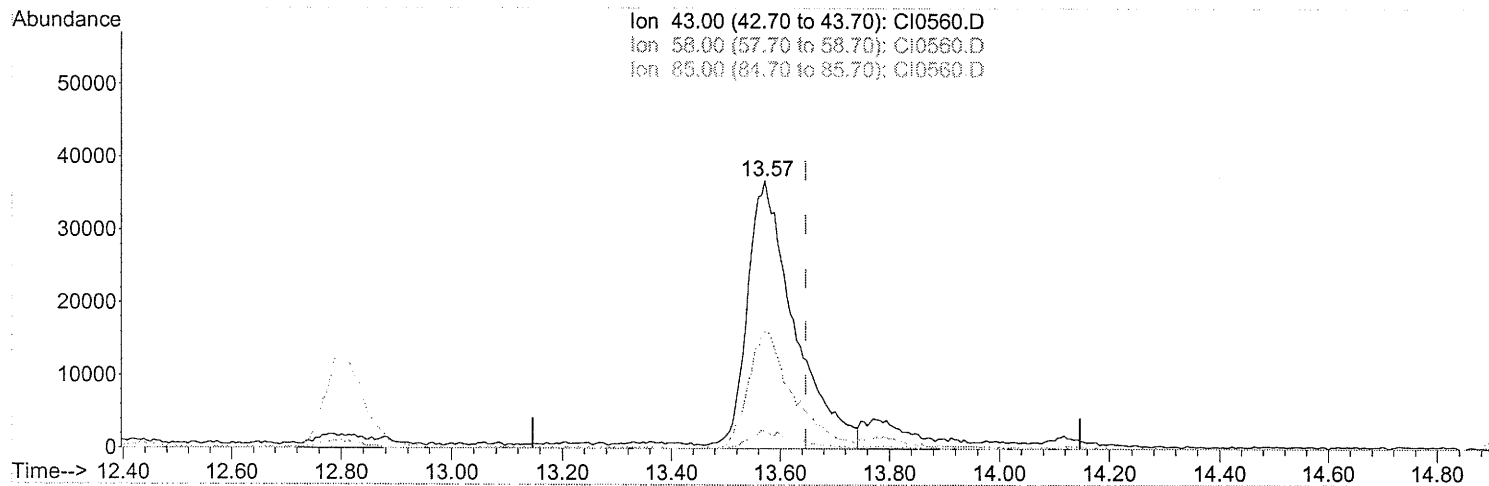
Ion	Exp%	Act%
88.00	100	100
58.00	91.00	27.88#
43.00	0.80	0.00#
0.00	0.00	0.00

Smiley
Moore
9/27/05

from 763 *9/26/05* 8298

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0560.D
Acq On : 25 Sep 2005 14:20
Operator : JBS
Sample : VSTD005
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:06:29 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0560.D

(58) 2-Hexanone

13.571min (-0.075) 6.02PPB m

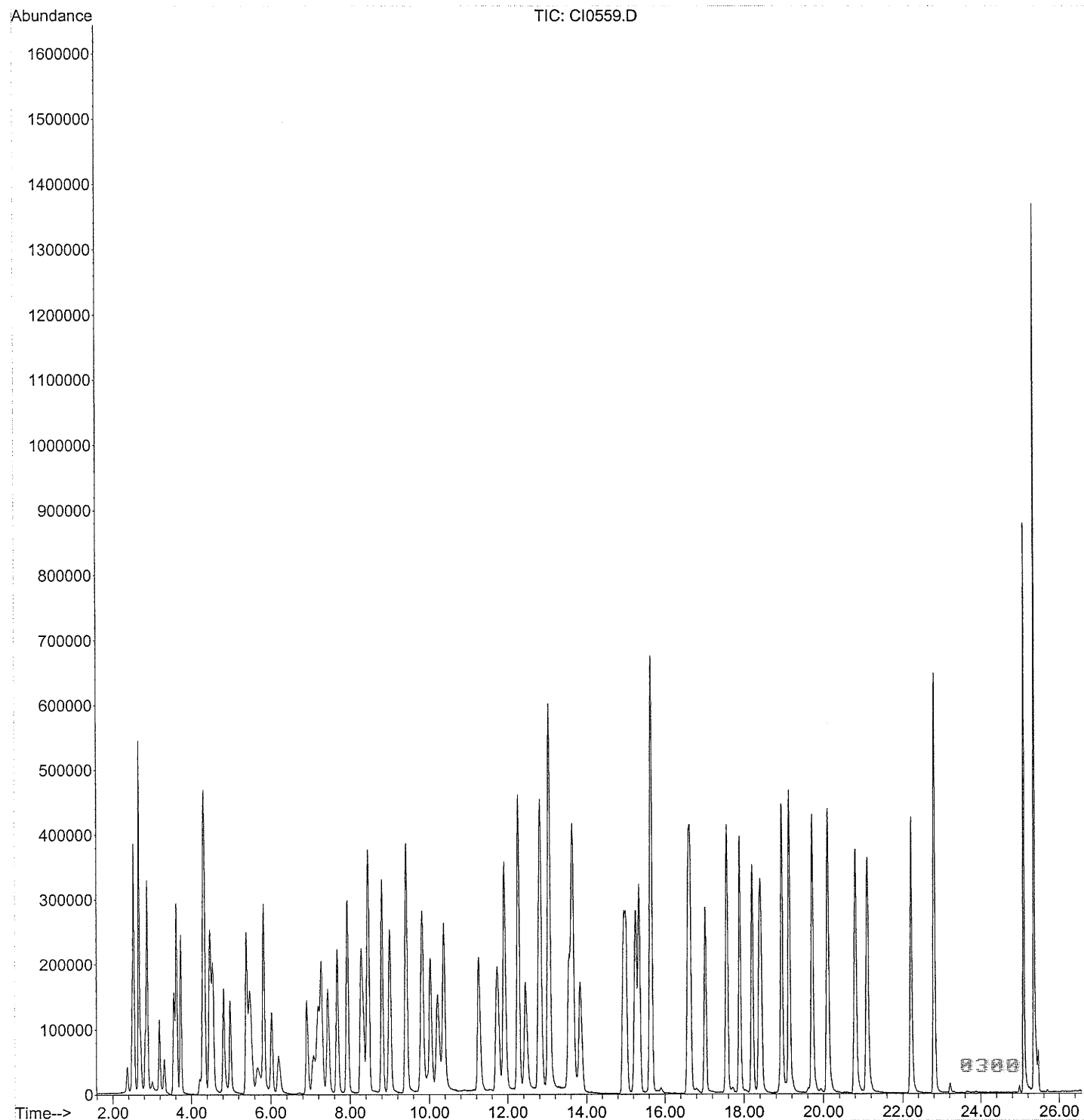
response 2212083

Ion	Exp%	Act%
43.00	100	100
58.00	53.20	38.30#
85.00	7.20	3.08#
0.00	0.00	0.00

*Sp. int peak**Kiran**9/27/05**from W3 9/26/05 8299*

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0559.D
Acq On : 25 Sep 2005 13:43
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:10:46 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0559.D
 Acq On : 25 Sep 2005 13:43
 Operator : JBS
 Sample : VSTD010
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:10:46 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.28	130	1266521	10.000		-0.03
37) 1,4-Difluorobenzene	9.01	114	5054286	10.000		-0.04
51) Chlorobenzene d5	14.95	117	3736493	10.000		-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Propene	2.50	41	1078820	3.576	PPB	91
3) Dichlorodifluoromethane	2.53	85	3131441	6.538	PPB	99
4) Chlorodifluoromethane	2.54	51	2043927	4.033	PPB	95
5) Freon 114	2.66	85	3422624	6.812	PPB	98
6) Chloromethane	2.71	50	1575389m	4.039	PPB	
7) Vinyl Chloride	2.83	62	1171489	5.474	PPB	99
8) 1,3-Butadiene	2.87	54	1949166	4.683	PPB	# 88
9) Bromomethane	3.19	94	1121159	7.148	PPB	97
10) Chloroethane	3.31	64	559221	5.406	PPB	96
11) Dichlorofluoromethane	3.56	67	2110820	5.817	PPB	94
12) Trichlorofluoromethane	3.62	101	3572221	7.562	PPB	99
13) Pentane	3.73	43	2489918	3.916	PPB	95
14) Acrolein	4.22	56	416210	7.131	PPB	98
15) 1,1-Dichloroethene	4.30	61	1962430	5.391	PPB	91
16) Freon 113	4.33	103	1760372	8.390	PPB	98
17) Acetone	4.46	43	2045632	4.016	PPB	# 88
18) Methyl Iodide	4.48	142	3745270	11.566	PPB	91
19) Carbon Disulfide	4.56	76	3225692	6.961	PPB	# 94
20) Acetonitrile	4.83	41	2114340	4.501	PPB	# 83
21) 3-Chloropropene	4.82	76	442206	6.183	PPB	# 66
22) Methylene Chloride	4.99	84	965405	6.839	PPB	# 79
23) tert-Butyl Alcohol	5.66	59	2320729m	7.794	PPB	
24) Acrylonitrile	5.41	53	1464650	5.048	PPB	92
25) trans-1,2-Dichloroethene	5.40	61	1653567	5.724	PPB	# 80
26) Methyl t-Butyl Ether	5.48	73	3149851	8.252	PPB	# 89
27) Hexane	5.83	57	1971228	5.652	PPB	# 92
28) 1,1-Dichloroethane	6.02	63	2015253	5.462	PPB	96
29) Vinyl Acetate	6.20	43	2304578	4.275	PPB	# 84
30) cis-1,2-Dichloroethene	6.91	61	1482854	5.277	PPB	# 81
31) 2-Butanone	7.08	72	498172m	8.050	PPB	
32) Ethyl Acetate	7.19	70	209236	7.890	PPB	# 1
33) Methyl Acrylate	7.21	55	2028893	5.579	PPB	# 95
34) Chloroform	7.44	83	2321171	7.333	PPB	97
35) 1,1,1-Trichloroethane	7.68	97	2763694	8.413	PPB	96
36) Carbon Tetrachloride	7.93	117	3316375	9.806	PPB	98
38) 1,2-Dichloroethane	8.35	62	1692642	5.792	PPB	99
39) Benzene	8.29	78	3549512	7.484	PPB	98
40) Isooctane	8.46	57	6528977	5.816	PPB	# 90
41) Heptane	8.81	43	2861096	4.798	PPB	94
42) Trichloroethene	9.42	130	2992052	13.982	PPB	98
43) Ethyl Acrylate	9.81	55	3130580	6.651	PPB	# 93
44) 1,2-Dichloropropane	9.83	63	1542026	6.959	PPB	# 89
45) Methyl Methacrylate	10.22	69	1291820	9.404	PPB	99
46) Dibromomethane	10.03	174	2079452	15.376	PPB	95 8381
47) 1,4-Dioxane	10.30	88	797077	21.027	PPB	# 24
48) Bromodichloromethane	10.37	83	3302264	9.642	PPB	97

Data Path : C:\MSDCHEM\1\DATA\SEP25\
 Data File : CI0559.D
 Acq On : 25 Sep 2005 13:43
 Operator : JBS
 Sample : VSTD010
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 08:10:46 2005
 Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
 Quant Title :
 QLast Update : Fri Sep 23 13:37:32 2005
 Response via : Initial Calibration

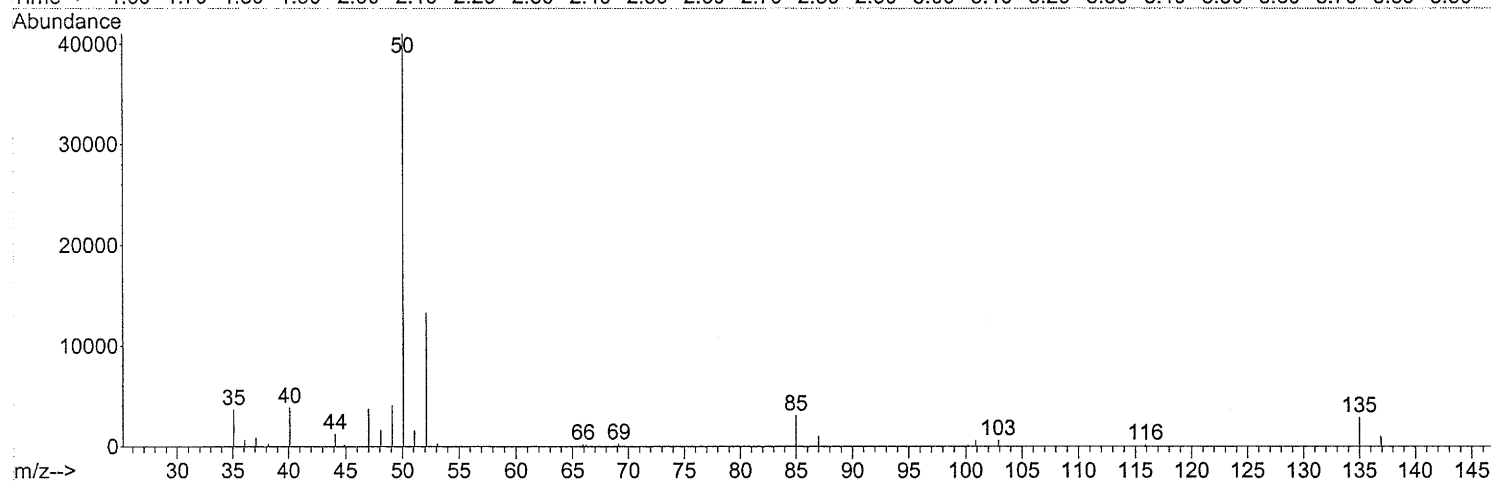
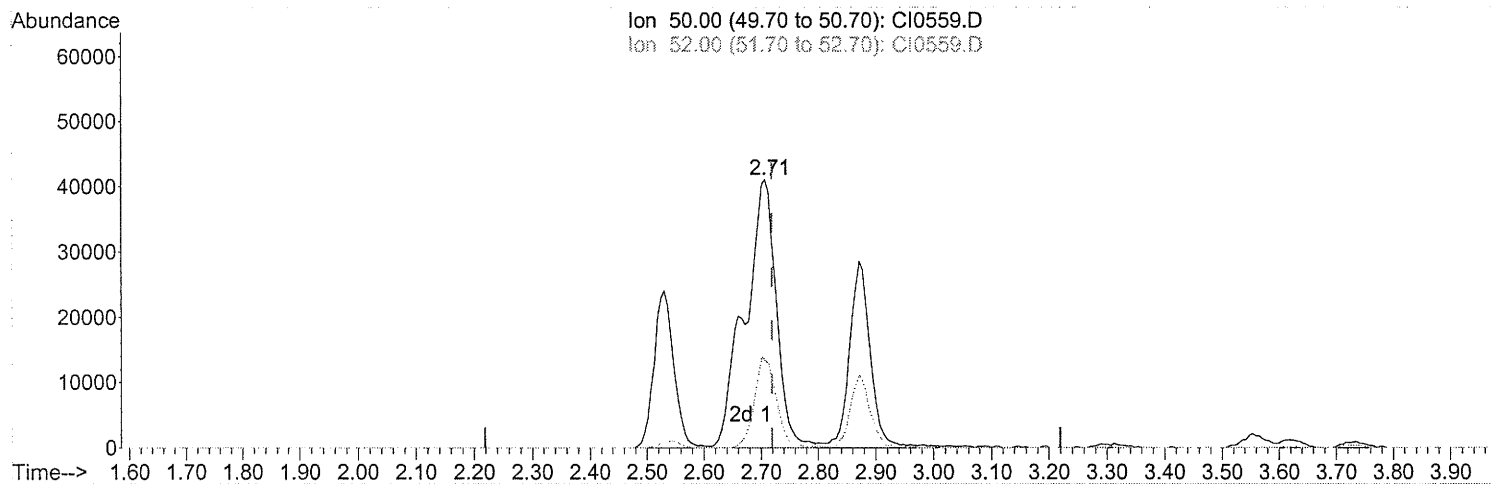
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) cis-1,3-Dichloropropene	11.26	75	2576263	8.382	PPB	# 88
50) 4-Methyl-2-Pentanone	11.73	43	4757712	6.643	PPB	# 89
52) Toluene	11.92	91	7153368	17.795	PPB	97
53) Octane	12.27	43	5436685	8.453	PPB	95
54) trans-1,3-Dichloropropene	12.45	75	2230630	11.326	PPB	90
55) Ethyl Methacrylate	12.80	69	2542965	15.226	PPB	# 84
56) 1,1,2-Trichloroethane	12.82	97	2536200	17.509	PPB	97
57) Tetrachloroethene	13.05	166	4373760	22.446	PPB	98
58) 2-Hexanone	13.56	43	4473671	11.862	PPB	95
59) Dibromochloromethane	13.65	127	4563072	23.300	PPB	96
60) 1,2-Dibromoethane	13.85	107	3237167	15.731	PPB	99
61) Chlorobenzene	15.02	112	3588660	11.435	PPB	98
62) 1,1,1,2-Tetrachloroethane	15.25	131	2052147	11.723	PPB	99
63) Ethylbenzene	15.35	91	5576988	11.074	PPB	99
64) m/p-Xylene	15.65	91	9120717	21.615	PPB	98
65) o-Xylene	16.60	91	4472134	11.605	PPB	99
66) Styrene	16.65	104	3748505	13.041	PPB	# 100
67) Bromoform	17.02	173	2795065	15.059	PPB	98
68) Cumene	17.57	105	6159825	15.033	PPB	99
69) 1,1,2,2-Tetrachloroethane	18.39	83	2452253	8.935	PPB	95
70) 1,2,3-Trichloropropane	18.43	110	902262	11.912	PPB	91
71) Bromobenzene	18.21	156	2264511	14.958	PPB	99
72) 4-Ethyltoluene	18.95	105	6886052	13.265	PPB	99
73) 1,3,5-Trimethylbenzene	19.14	105	6068354	13.000	PPB	99
74) Alpha Methyl Styrene	19.72	118	3282346	26.268	PPB	98
75) 1,2,4-Trimethylbenzene	20.11	105	5950752	12.835	PPB	100
76) 1,3-Dichlorobenzene	20.81	146	4347385	14.795	PPB	98
77) 1,4-Dichlorobenzene	21.11	146	4309263	14.206	PPB	98
78) Benzyl Chloride	16.60	91	4472134	11.605	PPB	# 100
79) 1,2-Dichlorobenzene	22.22	146	4054660	14.442	PPB	99
80) Hexachloroethane	22.81	117	2570495	23.290	PPB	97
81) 1,2,4-Trichlorobenzene	25.10	180	3540306	17.102	PPB	99
82) Hexachlorobutadiene	25.36	225	2888248	14.908	PPB	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

0302

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0559.D
Acq On : 25 Sep 2005 13:43
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 26 07:59:01 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0559.D

(6) Chloromethane

2.707min (-0.012) 4.04PPB m

response 1575389

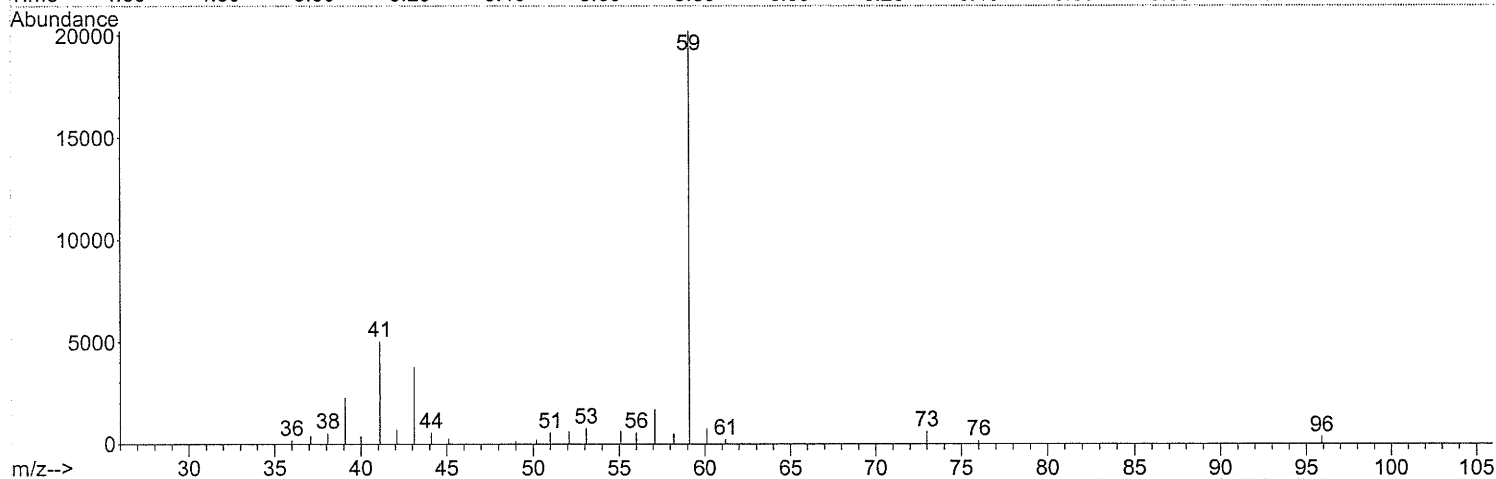
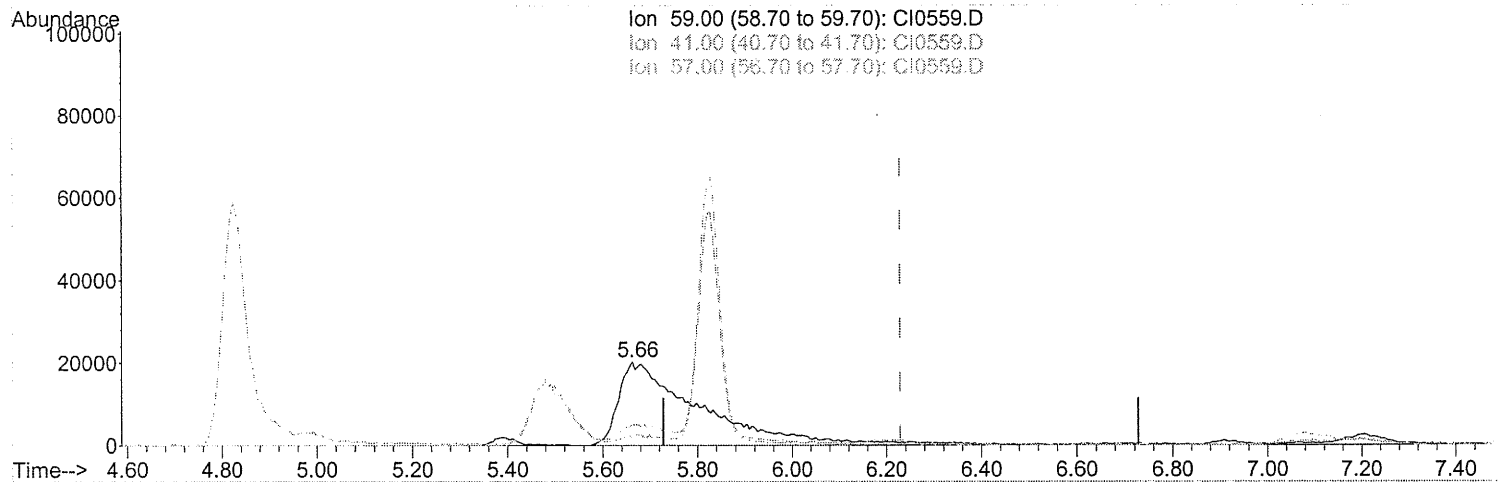
Ion	Exp%	Act%
50.00	100	100
52.00	26.20	23.35
0.00	0.00	0.00
0.00	0.00	0.00

Spent peak
Worson
9/27/05

John JBS 9/26/05 0303

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0559.D
Acq On : 25 Sep 2005 13:43
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:04:47 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0559.D

(23) tert-Butyl Alcohol

5.663min (-0.566) 7.79PPB m

response 2320729

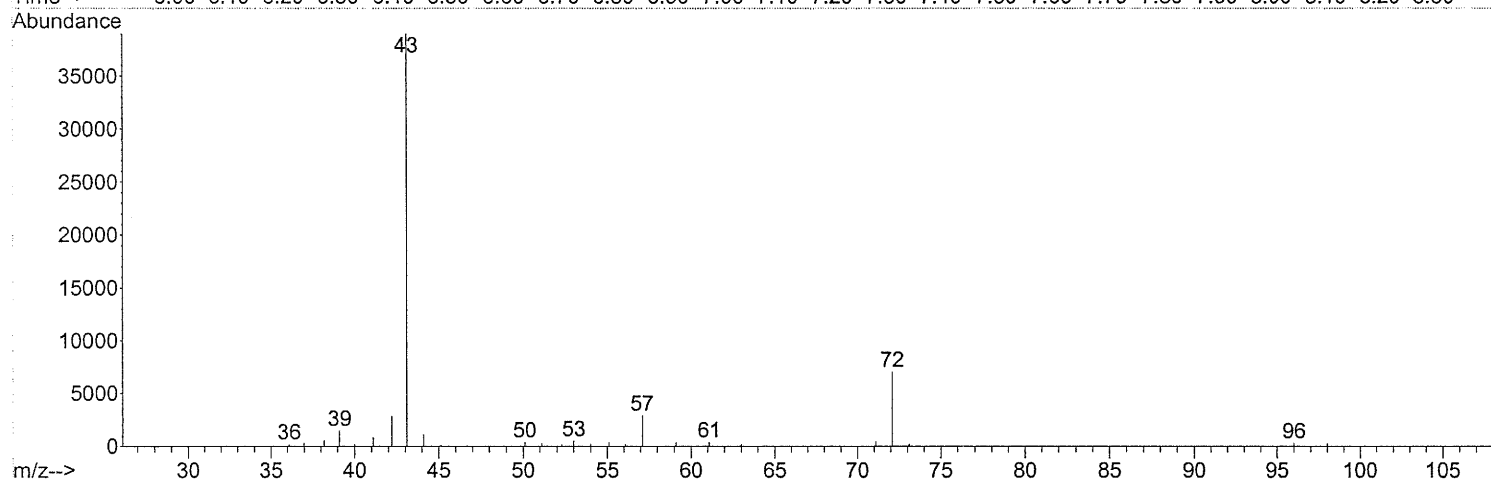
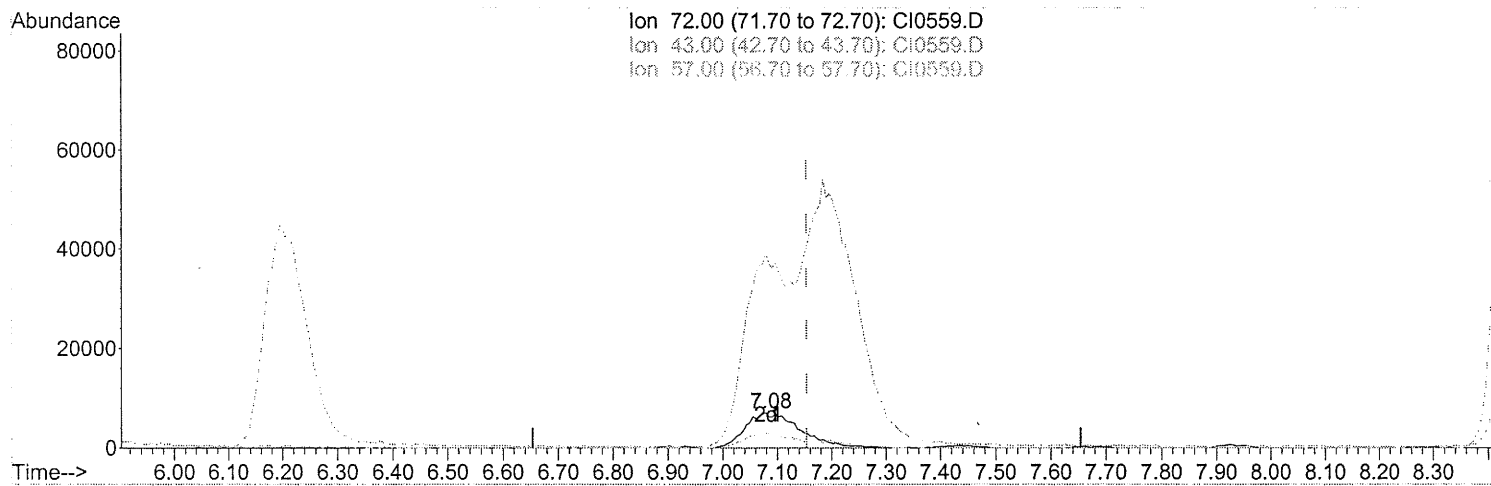
Ion	Exp%	Act%
59.00	100	100
41.00	0.00	0.00
57.00	0.00	0.00
0.00	0.00	0.00

Sample peak
7/27/05

8384

Data Path : C:\MSDCHEM\1\DATA\SEP25\
Data File : CI0559.D
Acq On : 25 Sep 2005 13:43
Operator : JBS
Sample : VSTD010
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Sep 25 18:04:47 2005
Quant Method : C:\MSDCHEM\1\METHODS\ALLTO15.M
Quant Title :
QLast Update : Fri Sep 23 13:37:32 2005
Response via : Initial Calibration



TIC: CI0559.D

(31) 2-Butanone

7.079min (-0.075) 8.05PPB m

response 498172

Ion	Exp%	Act%
72.00	100	100
43.00	518.90	0.00#
57.00	36.10	0.00#
0.00	0.00	0.00

Send peak
7/27/05

from 723 9/26/05 8385