

mblk062005

Lab Name: Toxikon Corporation

Contract: _____

Lab Code: 10778Case No.: LBG WHIT SAS No.: _____SDG No.: 0506093

Matrix: (soil/water)

AqueousLab Sample ID: mblk062005

Sample wt/vol:

(g/mL) MLLab File ID: G8428.D

Level: (low/med)

LOW

Date Received:

% Moisture: not dec.

Date Analyzed: 6/20/2005

GC Column:

ID: (mm)

Dilution Factor: 1.00

Extract Volume: _____ (μl)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μg/L	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	U	U
71-55-6	1,1,1-Trichloroethane	10	U	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U	U
79-00-5	1,1,2-Trichloroethane	10	U	U
75-34-3	1,1-Dichloroethane	10	U	U
75-35-4	1,1-Dichloroethene	10	U	U
563-58-6	1,1-Dichloropropene	10	U	U
87-61-6	1,2,3-Trichlorobenzene	10	U	U
96-18-4	1,2,3-Trichloropropane	10	U	U
120-82-1	1,2,4-Trichlorobenzene	10	U	U
95-63-6	1,2,4-Trimethylbenzene	10	U	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U	U
106-93-4	1,2-Dibromoethane	10	U	U
95-50-1	1,2-Dichlorobenzene	10	U	U
107-06-2	1,2-Dichloroethane	10	U	U
78-87-5	1,2-Dichloropropane	10	U	U
108-67-8	1,3,5-Trimethylbenzene	10	U	U
541-73-1	1,3-Dichlorobenzene	10	U	U
142-28-9	1,3-Dichloropropane	10	U	U
106-46-7	1,4-Dichlorobenzene	10	U	U
590-20-7	2,2-Dichloropropane	10	U	U
78-93-3	2-Butanone	10	U	U
110-75-8	2-Chloroethyl vinyl ether	10	U	U
95-49-8	2-Chlorotoluene	10	U	U
591-78-6	2-Hexanone	10	U	U
106-43-4	4-Chlorotoluene	10	U	U
99-87-6	4-Isopropyltoluene	10	U	U
108-10-1	4-Methyl-2-pentanone	10	U	U
67-64-1	Acetone	10	U	U
107-13-1	Acrylonitrile	100	U	U
71-43-2	Benzene	10	U	U
108-86-1	Bromobenzene	10	U	U
74-97-5	Bromochloromethane	10	U	U

mb1k062005

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: mb1k062005
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8428.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/20/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane	10		U
75-25-2	Bromoform	10		U
74-83-9	Bromomethane	10		U
75-15-0	Carbon disulfide	10		U
56-23-5	Carbon tetrachloride	10		U
108-90-7	Chlorobenzene	10		U
75-00-3	Chloroethane	10		U
67-66-3	Chloroform	10		U
74-87-3	Chloromethane	10		U
156-59-2	cis-1,2-Dichloroethene	10		U
10061-01-5	cis-1,3-Dichloropropene	10		U
124-48-1	Dibromochloromethane	10		U
74-95-3	Dibromomethane	10		U
75-71-8	Dichlorodifluoromethane	10		U
100-41-4	Ethylbenzene	10		U
87-68-3	Hexachlorobutadiene	10		U
74-88-4	Iodomethane	10		U
98-82-8	Isopropylbenzene	10		U
1634-04-4	Methyl tert-butyl-ether	10		U
75-09-2	Methylene chloride	10		U
104-51-8	n-Butylbenzene	10		U
103-65-1	n-Propylbenzene	10		U
91-20-3	Naphthalene	10		U
135-98-8	sec-Butylbenzene	10		U
100-42-5	Styrene	10		U
98-06-6	tert-Butylbenzene	10		U
127-18-4	Tetrachloroethene	10		U
109-99-9	Tetrahydrofuran	10		U
108-88-3	Toluene	10		U
156-60-5	trans-1,2-Dichloroethene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	10		U
75-69-4	Trichlorofluoromethane	10		U

mblk062005

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: mblk062005

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8428.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		10	U

Data File : C:\HPCHEM\1\DATA\062005\G8428.D
Acq On : 20 Jun 05 13:21
Sample : mblk062005
Misc : mblk asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:41 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Mon Jun 20 12:56:27 2005
Response via : Initial Calibration
DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.23	168	274328	50.00	ug/L	-0.06
34) 1,4-difluorobenzene	8.36	114	602620	50.00	ug/L	-0.06
52) chlorobenzene-d5	13.14	117	508171	50.00	ug/L	-0.05
66) 1,4-dichlorobenzene-d4	17.26	152	198928	50.00	ug/L	-0.05

System Monitoring Compounds

31) Dibromofluoromethane	7.09	113	190688	47.89	ug/L	-0.06
Spiked Amount	50.000	Range	86 - 118	Recovery	=	95.78%
48) toluene-d8	10.67	98	746734	48.15	ug/L	-0.06
Spiked Amount	50.000	Range	88 - 110	Recovery	=	96.30%
65) 4-Bromofluorobenzene	15.22	95	243950	46.07	ug/L	-0.05
Spiked Amount	50.000	Range	86 - 115	Recovery	=	92.14%

Target Compounds

Qvalue

4

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

G8428.D 8260BW.M Tue Sep 06 17:08:33 2005

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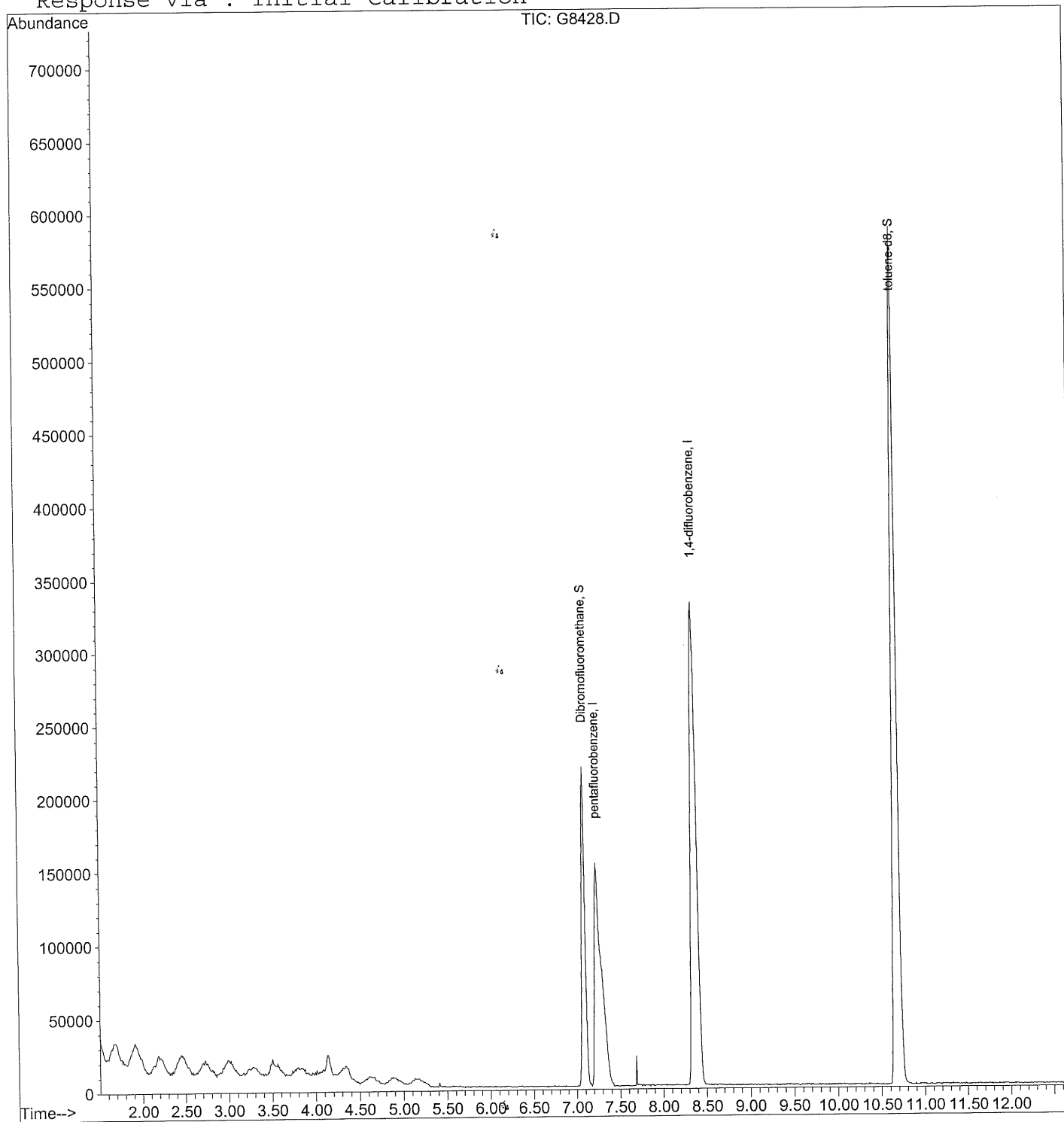
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8428.D
Acq On : 20 Jun 05 13:21
Sample : mblk062005
Misc : mblk asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:41 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration



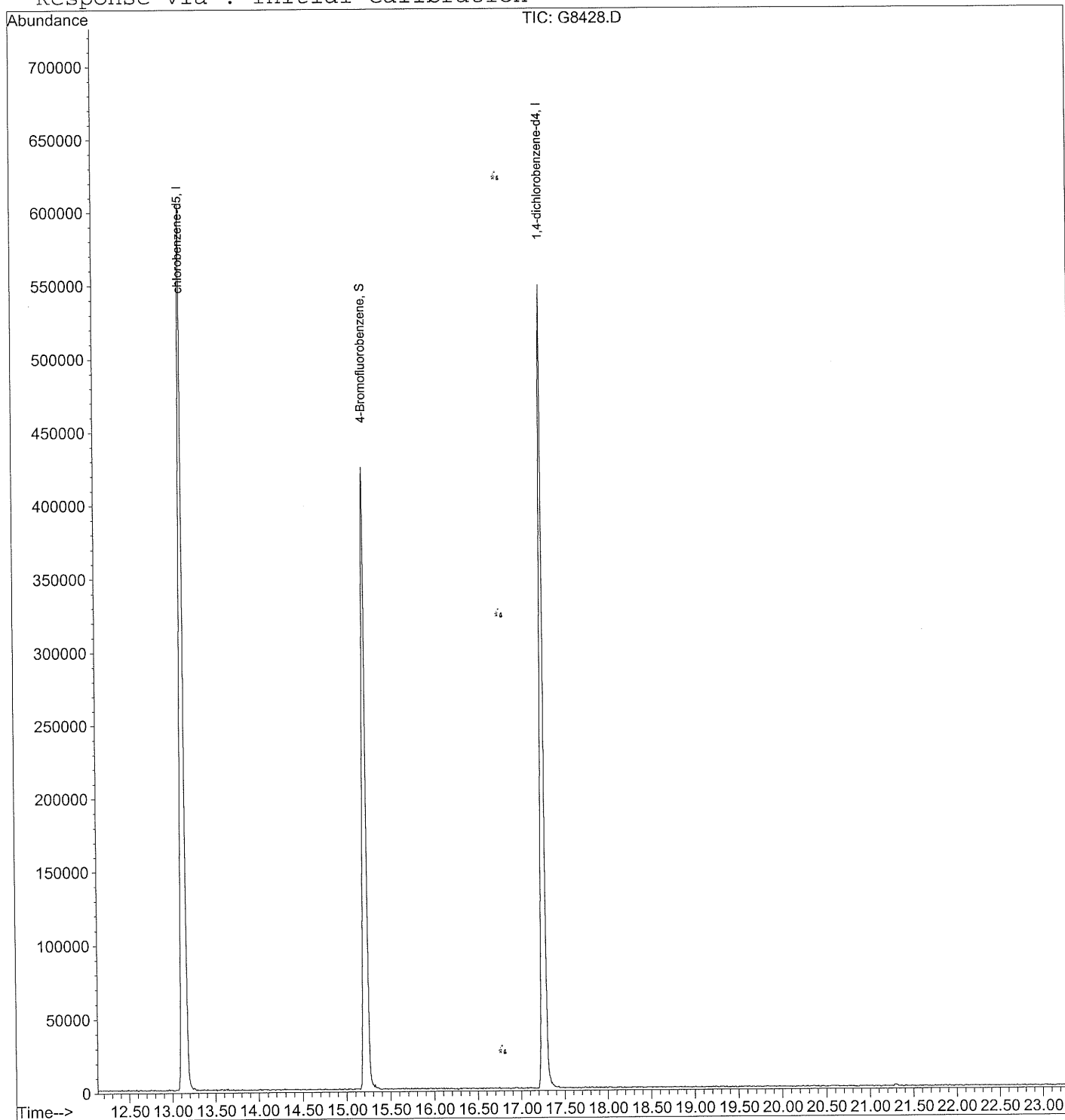
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8428.D
Acq On : 20 Jun 05 13:21
Sample : mblk062005
Misc : mblk asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:41 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration



mblk062105

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: mblk062105
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8444.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/21/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	U	U
71-55-6	1,1,1-Trichloroethane	10	U	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U	U
79-00-5	1,1,2-Trichloroethane	10	U	U
75-34-3	1,1-Dichloroethane	10	U	U
75-35-4	1,1-Dichloroethene	10	U	U
563-58-6	1,1-Dichloropropene	10	U	U
87-61-6	1,2,3-Trichlorobenzene	10	U	U
96-18-4	1,2,3-Trichloropropane	10	U	U
120-82-1	1,2,4-Trichlorobenzene	10	U	U
95-63-6	1,2,4-Trimethylbenzene	10	U	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U	U
106-93-4	1,2-Dibromoethane	10	U	U
95-50-1	1,2-Dichlorobenzene	10	U	U
107-06-2	1,2-Dichloroethane	10	U	U
78-87-5	1,2-Dichloropropane	10	U	U
108-67-8	1,3,5-Trimethylbenzene	10	U	U
541-73-1	1,3-Dichlorobenzene	10	U	U
142-28-9	1,3-Dichloropropane	10	U	U
106-46-7	1,4-Dichlorobenzene	10	U	U
590-20-7	2,2-Dichloropropane	10	U	U
78-93-3	2-Butanone	10	U	U
110-75-8	2-Chloroethyl vinyl ether	10	U	U
95-49-8	2-Chlorotoluene	10	U	U
591-78-6	2-Hexanone	10	U	U
106-43-4	4-Chlorotoluene	10	U	U
99-87-6	4-Isopropyltoluene	10	U	U
108-10-1	4-Methyl-2-pentanone	10	U	U
67-64-1	Acetone	10	U	U
107-13-1	Acrylonitrile	100	U	U
71-43-2	Benzene	10	U	U
108-86-1	Bromobenzene	10	U	U
74-97-5	Bromochloromethane	10	U	U

mblk062105

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: mblk062105
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8444.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/21/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane	10	U	U
75-25-2	Bromoform	10	U	U
74-83-9	Bromomethane	10	U	U
75-15-0	Carbon disulfide	10	U	U
56-23-5	Carbon tetrachloride	10	U	U
108-90-7	Chlorobenzene	10	U	U
75-00-3	Chloroethane	10	U	U
67-66-3	Chloroform	10	U	U
74-87-3	Chloromethane	10	U	U
156-59-2	cis-1,2-Dichloroethene	10	U	U
10061-01-5	cis-1,3-Dichloropropene	10	U	U
124-48-1	Dibromochloromethane	10	U	U
74-95-3	Dibromomethane	10	U	U
75-71-8	Dichlorodifluoromethane	10	U	U
100-41-4	Ethylbenzene	10	U	U
87-68-3	Hexachlorobutadiene	10	U	U
74-88-4	Iodomethane	10	U	U
98-82-8	Isopropylbenzene	10	U	U
1634-04-4	Methyl tert-butyl-ether	10	U	U
75-09-2	Methylene chloride	10	U	U
104-51-8	n-Butylbenzene	10	U	U
103-65-1	n-Propylbenzene	10	U	U
91-20-3	Naphthalene	10	U	U
135-98-8	sec-Butylbenzene	10	U	U
100-42-5	Styrene	10	U	U
98-06-6	tert-Butylbenzene	10	U	U
127-18-4	Tetrachloroethene	10	U	U
109-99-9	Tetrahydrofuran	10	U	U
108-88-3	Toluene	10	U	U
156-60-5	trans-1,2-Dichloroethene	10	U	U
10061-02-6	trans-1,3-Dichloropropene	10	U	U
79-01-6	Trichloroethene	10	U	U
75-69-4	Trichlorofluoromethane	10	U	U

mblk062105

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: mblk062105

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8444.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. Date Analyzed: 6/21/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		10	U
1330-20-7	Xylenes, Total		10	U

Data File : C:\HPCHEM\1\DATA\062005\G8429.D

Vial: 2

Acq On : 20 Jun 05 13:54

Operator: xl

Sample : mblk062105

Inst : inst g

Misc : mblk 8260_w

Multiplr: 1.00

MS Integration Params: rteint.p

Quant Time: Jun 20 14:16 19105

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)

Title : SW-846 Method 8260B

Last Update : Mon Jun 20 12:56:27 2005

Response via : Initial Calibration

DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.23	168	245220	50.00	ug/L	-0.06
34) 1,4-difluorobenzene	8.35	114	541233	50.00	ug/L	-0.07
52) chlorobenzene-d5	13.14	117	458492	50.00	ug/L	-0.05
66) 1,4-dichlorobenzene-d4	17.26	152	182746	50.00	ug/L	-0.05

System Monitoring Compounds

31) Dibromofluoromethane	7.09	113	171972	48.32	ug/L	-0.06
Spiked Amount	50.000	Range	86 - 118	Recovery	=	96.64%
48) toluene-d8	10.67	98	682151	48.98	ug/L	-0.06
Spiked Amount	50.000	Range	88 - 110	Recovery	=	97.96%
65) 4-Bromofluorobenzene	15.22	95	224537	47.00	ug/L	-0.05
Spiked Amount	50.000	Range	86 - 115	Recovery	=	94.00%

Target Compounds

					Qvalue
5) bromomethane	2.22	96	362	667.17	ug/L 91
10) Acetone	3.50	43	10046	-3.15	ug/L 96
13) methylene chloride	4.14	84	21724	3.85	ug/L 91

4

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

G8429.D 8260BW.M

Tue Sep 06 17:08:20 2005

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4

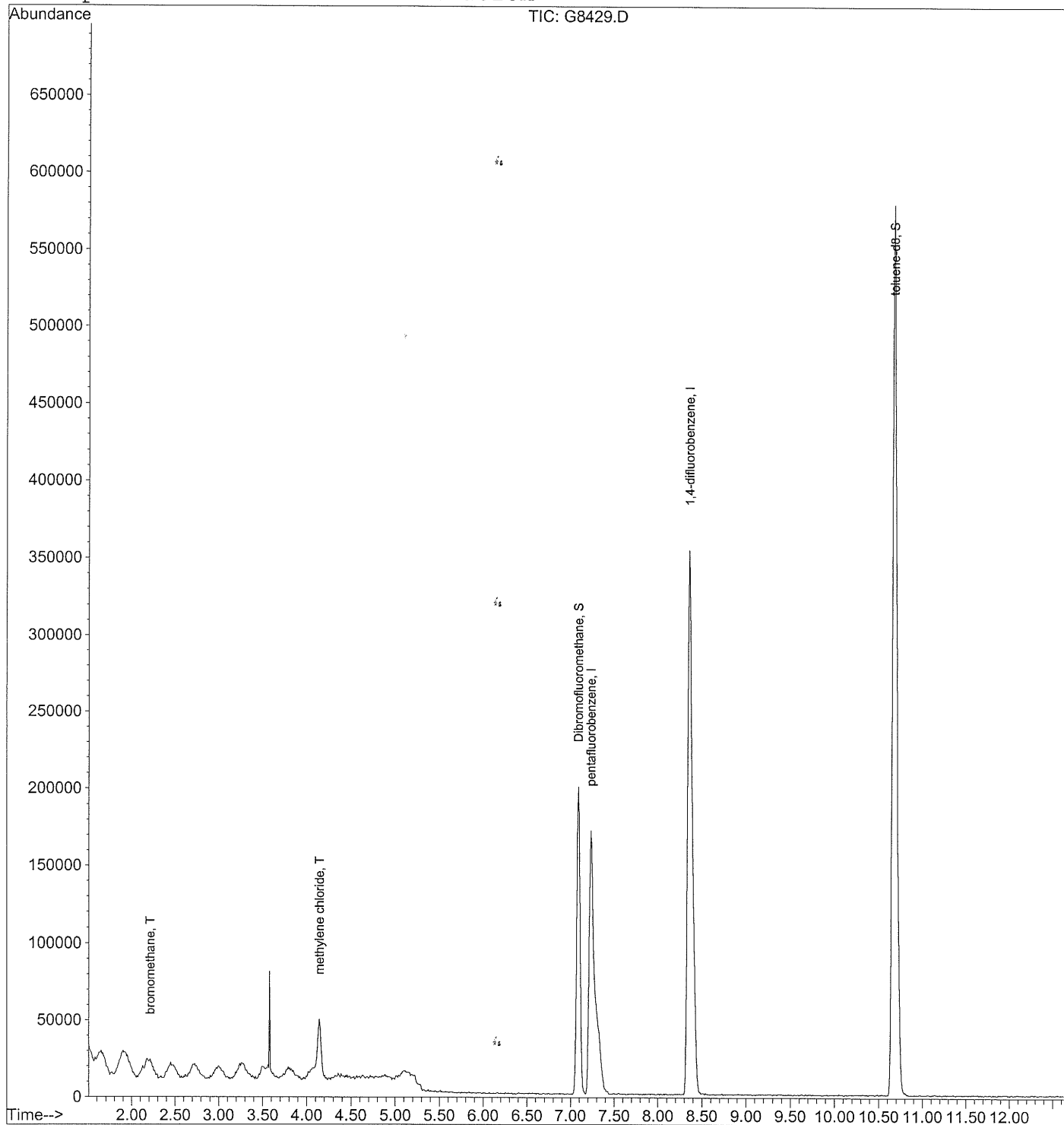
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8429.D
Acq On : 20 Jun 05 13:54
Sample : mblk062105
Misc : mblk 8260_w
MS Integration Params: rteint.p
Quant Time: Jun 20 14:16 19105

Vial: 2
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration



Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8429.D

Acq On : 20 Jun 05 13:54

Sample : mblk062105

Misc : mblk 8260_w

MS Integration Params: rteint.p

Quant Time: Jun 20 14:16 19105

Vial: 2

Operator: xl

Inst : inst g

Multiplr: 1.00

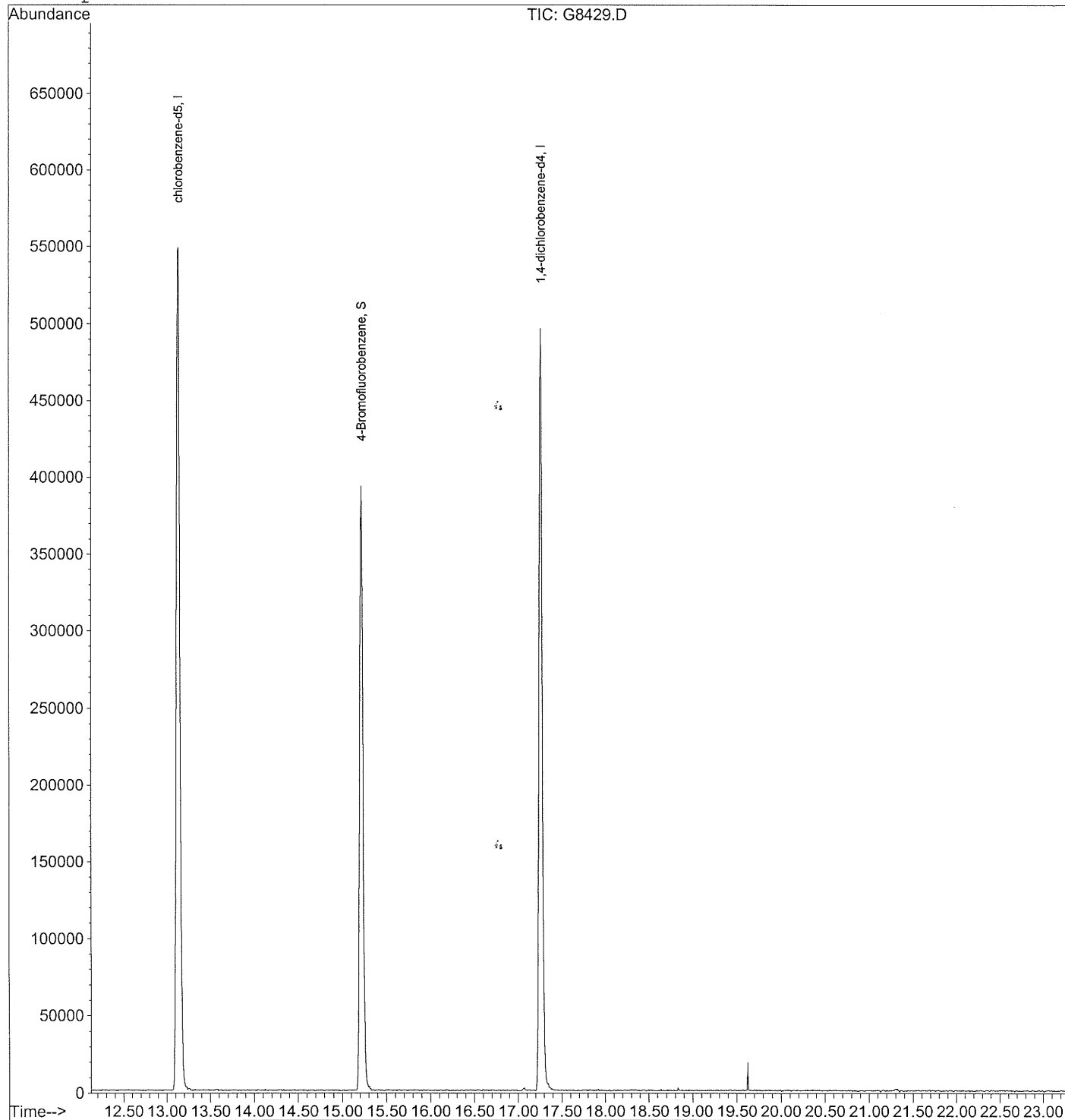
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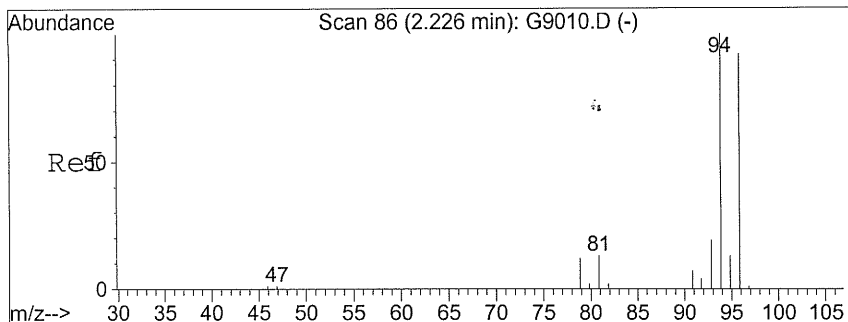
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Title : SW-846 Method 8260B

Last Update : Fri Aug 26 18:37:34 2005

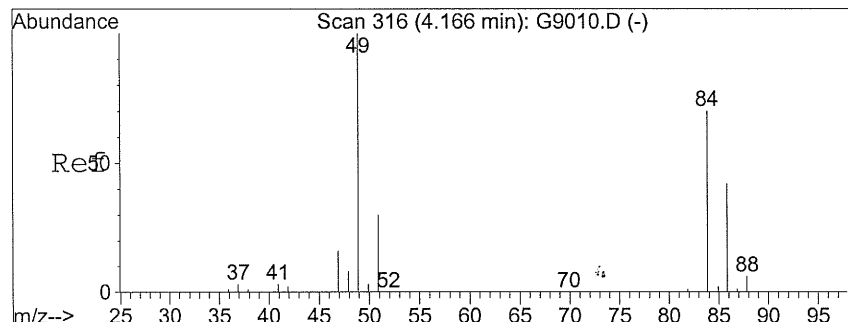
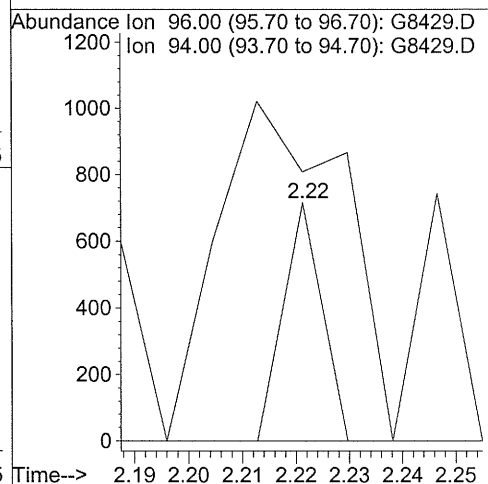
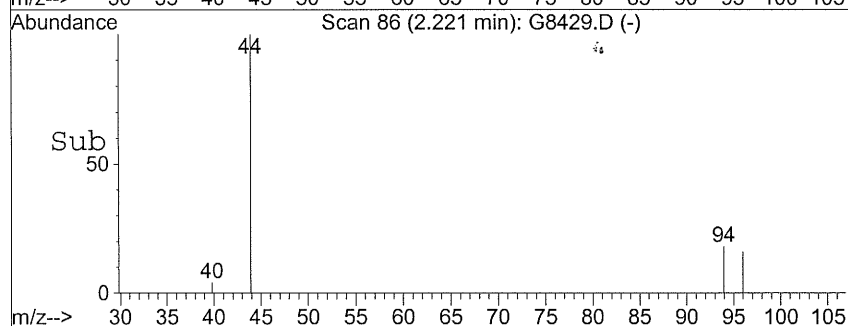
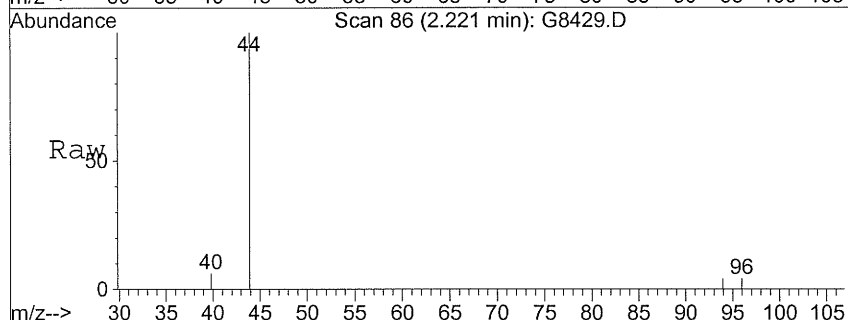
Response via : Initial Calibration





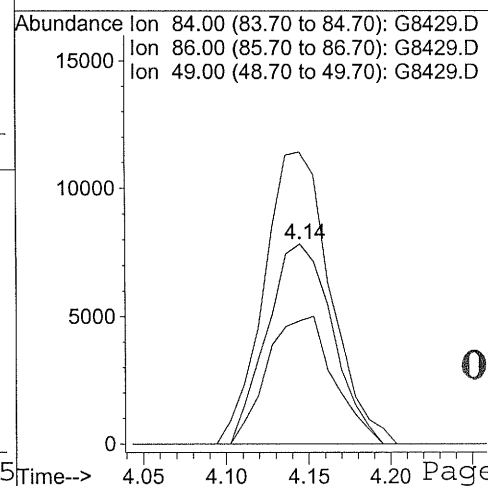
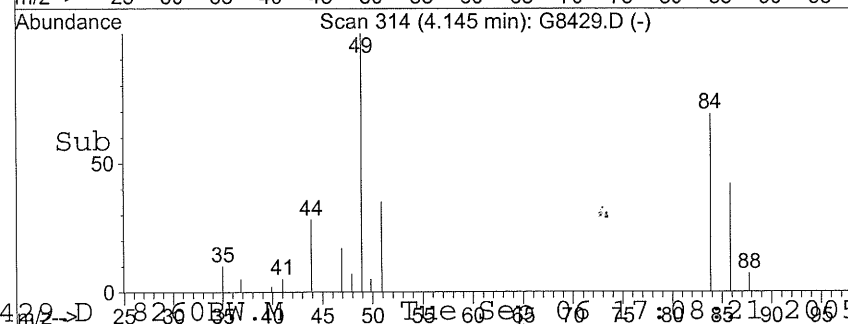
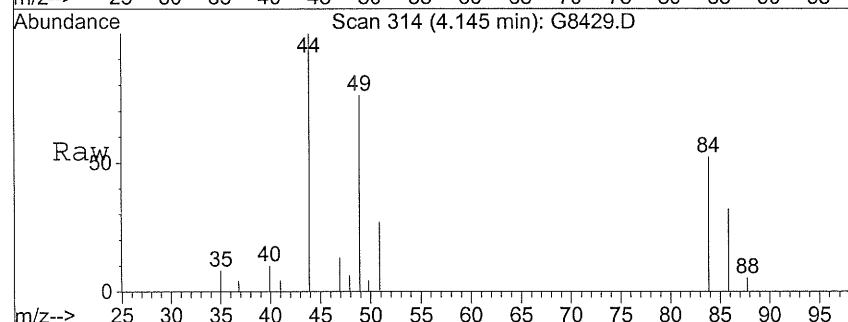
#5
bromomethane
Concen: 667.17 ug/L
RT: 2.22 min Scan# 86
Delta R.T. -0.01 min
Lab File: G8429.D
Acq: 20 Jun 05 13:54

Tgt Ion: 96 Resp: 362
Ion Ratio Lower Upper
96 100
94 113.0 83.5 123.5



#13
methylene chloride
Concen: 3.85 ug/L
RT: 4.14 min Scan# 314
Delta R.T. -0.06 min
Lab File: G8429.D
Acq: 20 Jun 05 13:54

Tgt Ion: 84 Resp: 21724
Ion Ratio Lower Upper
84 100
86 61.7 40.8 80.8
49 145.8 142.6 182.6



000189

0506093-04ams

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04ams
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8438.D
 Level: (low/med) LOW Date Received: 6/10/2005
 % Moisture: not dec. Date Analyzed: 6/20/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
630-20-6	1,1,1,2-Tetrachloroethane	10	U	U
71-55-6	1,1,1-Trichloroethane	10	U	U
79-34-5	1,1,2,2-Tetrachloroethane	10	U	U
79-00-5	1,1,2-Trichloroethane	10	U	U
75-34-3	1,1-Dichloroethane	10	U	U
75-35-4	1,1-Dichloroethene	49	D	D
563-58-6	1,1-Dichloropropene	10	U	U
87-61-6	1,2,3-Trichlorobenzene	10	U	U
96-18-4	1,2,3-Trichloropropane	10	U	U
120-82-1	1,2,4-Trichlorobenzene	10	U	U
95-63-6	1,2,4-Trimethylbenzene	10	U	U
96-12-8	1,2-Dibromo-3-chloropropane	10	U	U
106-93-4	1,2-Dibromoethane	10	U	U
95-50-1	1,2-Dichlorobenzene	10	U	U
107-06-2	1,2-Dichloroethane	10	U	U
78-87-5	1,2-Dichloropropane	10	U	U
108-67-8	1,3,5-Trimethylbenzene	10	U	U
541-73-1	1,3-Dichlorobenzene	10	U	U
142-28-9	1,3-Dichloropropane	10	U	U
106-46-7	1,4-Dichlorobenzene	10	U	U
590-20-7	2,2-Dichloropropane	10	U	U
78-93-3	2-Butanone	10	U	U
110-75-8	2-Chloroethyl vinyl ether	10	U	U
95-49-8	2-Chlorotoluene	10	U	U
591-78-6	2-Hexanone	10	U	U
106-43-4	4-Chlorotoluene	10	U	U
99-87-6	4-Isopropyltoluene	10	U	U
108-10-1	4-Methyl-2-pentanone	10	U	U
67-64-1	Acetone	10	U	U
107-13-1	Acrylonitrile	100	U	U
71-43-2	Benzene	54.8	D	D
108-86-1	Bromobenzene	10	U	U
74-97-5	Bromochloromethane	10	U	U

0506093-04ams

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04ams
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8438.D
 Level: (low/med) LOW Date Received: 6/10/2005
 % Moisture: not dec. Date Analyzed: 6/20/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane	10	U	U
75-25-2	Bromoform	10	U	U
74-83-9	Bromomethane	667	D	D
75-15-0	Carbon disulfide	10	U	U
56-23-5	Carbon tetrachloride	10	U	U
108-90-7	Chlorobenzene	55.6	D	D
75-00-3	Chloroethane	10	U	U
67-66-3	Chloroform	10	U	U
74-87-3	Chloromethane	10	U	U
156-59-2	cis-1,2-Dichloroethene	10.3	D	D
10061-01-5	cis-1,3-Dichloropropene	10	U	U
124-48-1	Dibromochloromethane	10	U	U
74-95-3	Dibromomethane	10	U	U
75-71-8	Dichlorodifluoromethane	10	U	U
100-41-4	Ethylbenzene	10	U	U
87-68-3	Hexachlorobutadiene	10	U	U
74-88-4	Iodomethane	10	U	U
98-82-8	Isopropylbenzene	10	U	U
1634-04-4	Methyl tert-butyl-ether	10	U	U
75-09-2	Methylene chloride	10	U	U
104-51-8	n-Butylbenzene	10	U	U
103-65-1	n-Propylbenzene	10	U	U
91-20-3	Naphthalene	10	U	U
135-98-8	sec-Butylbenzene	10	U	U
100-42-5	Styrene	10	U	U
98-06-6	tert-Butylbenzene	10	U	U
127-18-4	Tetrachloroethene	10	D	D
109-99-9	Tetrahydrofuran	10	U	U
108-88-3	Toluene	54.1	D	D
156-60-5	trans-1,2-Dichloroethene	10	U	U
10061-02-6	trans-1,3-Dichloropropene	10	U	U
79-01-6	Trichloroethene	57.4	D	D
75-69-4	Trichlorofluoromethane	10	U	U

0506093-04ams

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04ams

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8438.D

Level: (low/med) LOW Date Received: 6/10/2005

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		1.2	DJ
1330-20-7	Xylenes, Total		10	U

Data File : C:\HPCHEM\1\DATA\062005\G8438.D
 Acq On : 20 Jun 05 20:35
 Sample : 0506093-04ams
 Misc : ms asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 15:26 19105

Vial: 11
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Mon Jun 20 12:56:27 2005
 Response via : Initial Calibration
 DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.27	168	224128m	50.00	ug/L	-0.03
34) 1,4-difluorobenzene	8.40	114	507539	50.00	ug/L	-0.03
52) chlorobenzene-d5	13.15	117	434691	50.00	ug/L	-0.04
66) 1,4-dichlorobenzene-d4	17.27	152	170582	50.00	ug/L	-0.04

System Monitoring Compounds

31) Dibromofluoromethane	7.11	113	165196	50.78	ug/L	-0.04
Spiked Amount	50.000	Range	86 - 118	Recovery	=	101.56%
48) toluene-d8	10.70	98	651754	49.90	ug/L	-0.04
Spiked Amount	50.000	Range	88 - 110	Recovery	=	99.80%
65) 4-Bromofluorobenzene	15.23	95	214812	47.42	ug/L	-0.04
Spiked Amount	50.000	Range	86 - 115	Recovery	=	94.84%

Target Compounds

					Qvalue
4) vinyl chloride	1.85	62	10474	1.20	ug/L 95
5) bromomethane	0.00	96	0	667.27	ug/L 0
11) 1,1-dichloroethene	3.32	96	246839	49.03	ug/L 95
12) Iodomethane	0.00	142	0	-2.18	ug/L 0
28) cis-1,2-dichloroethene	6.30	96	45388	10.26	ug/L 90
37) benzene	7.65	78	1106116	54.79	ug/L 98
40) trichloroethene	8.73	95	238097	57.42	ug/L 98
49) toluene	10.80	92	584078	54.09	ug/L 100
54) tetrachloroethene	11.67	166	30460	9.97	ug/L 98
58) chlorobenzene	13.20	112	543250	55.56	ug/L 97

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

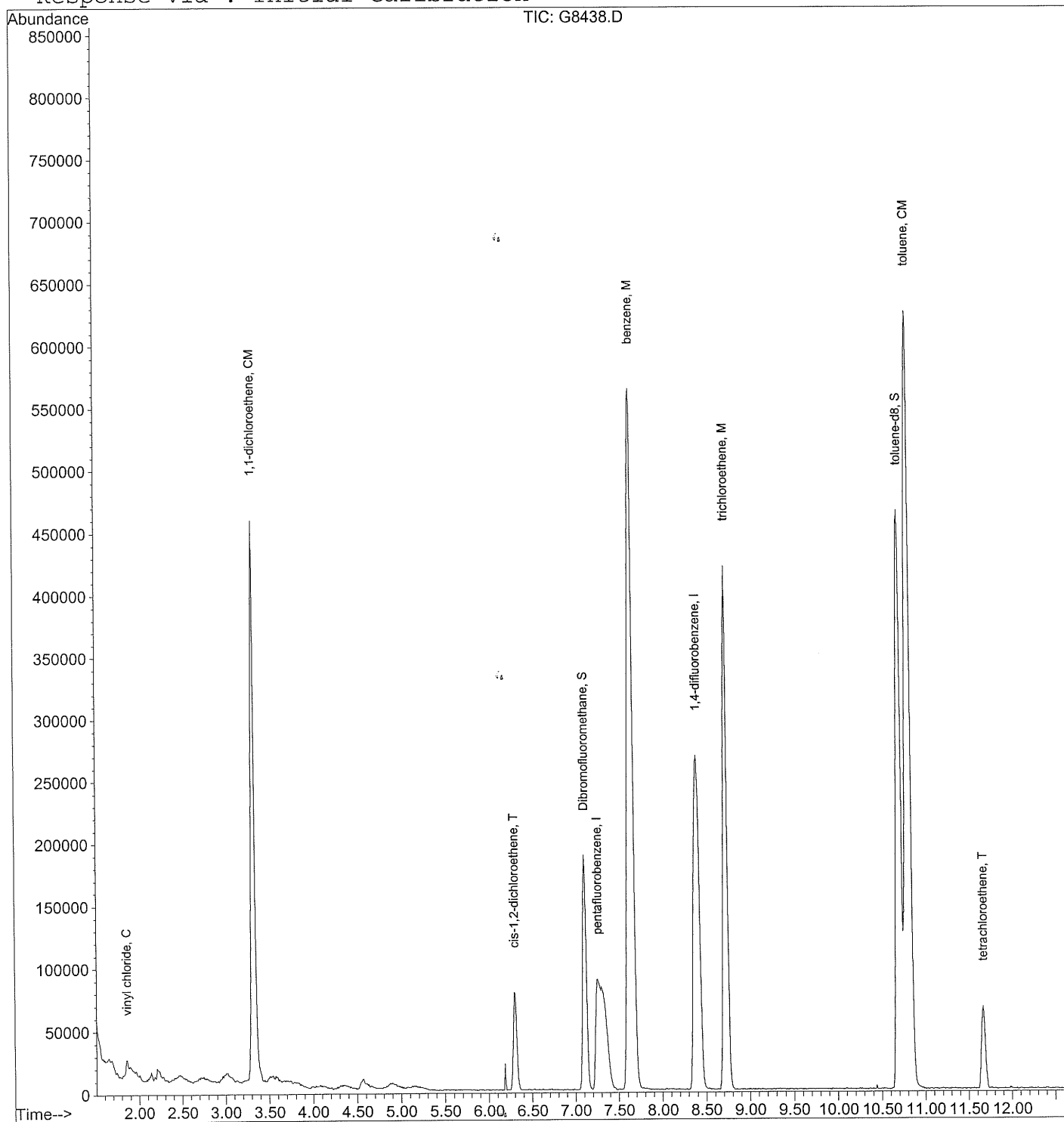
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8438.D
 Acq On : 20 Jun 05 20:35
 Sample : 0506093-04ams
 Misc : ms asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 15:26 19105

Vial: 11
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Fri Aug 26 18:37:34 2005
 Response via : Initial Calibration



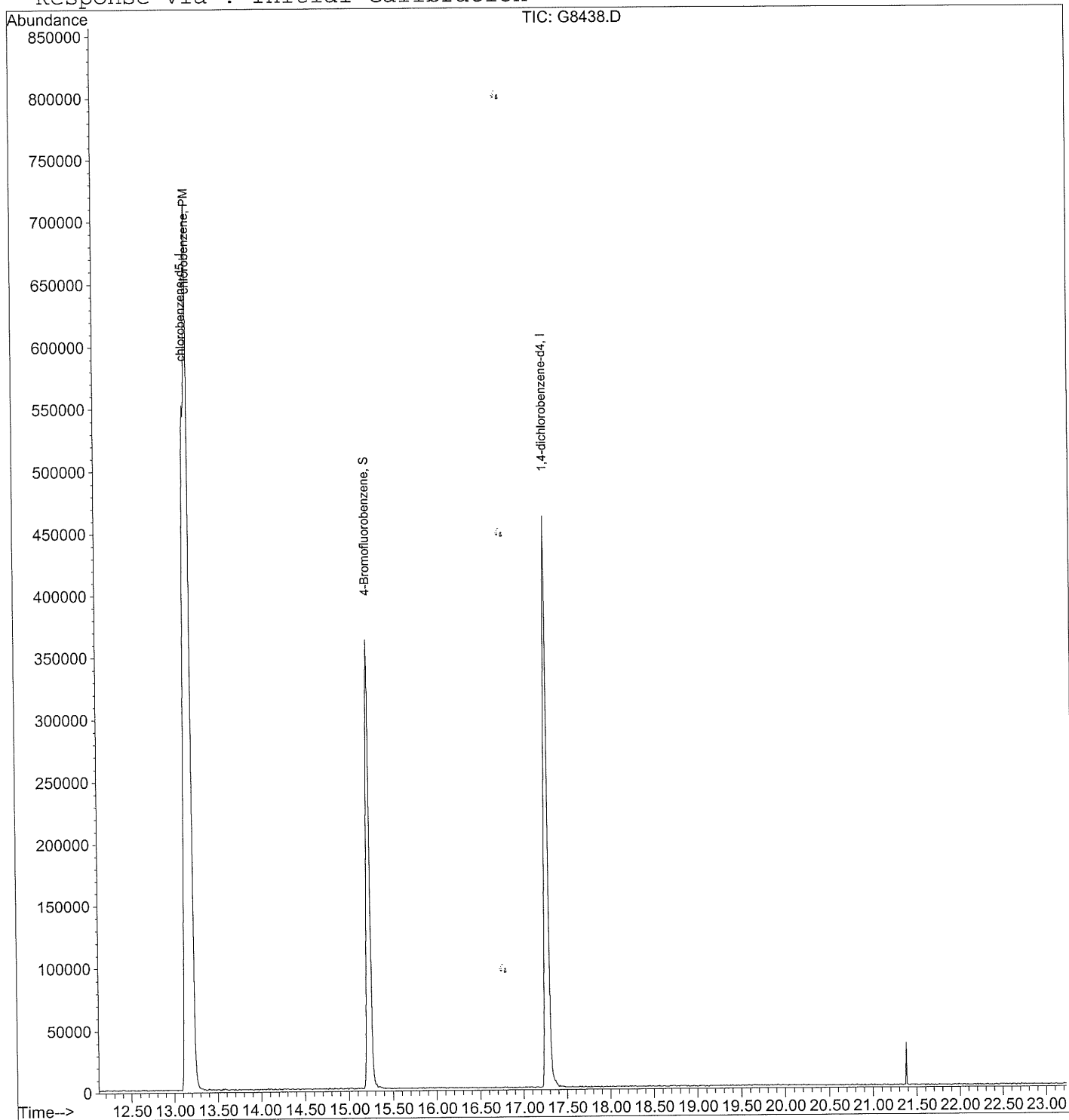
Quantitation Report

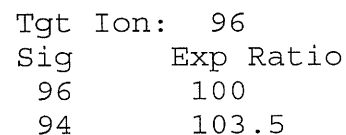
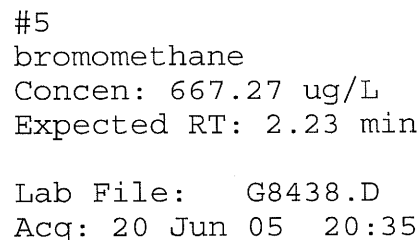
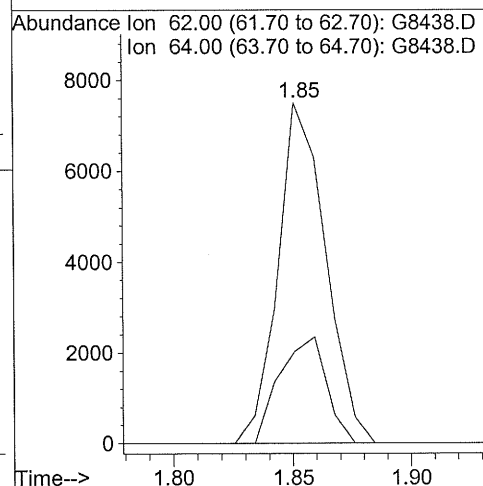
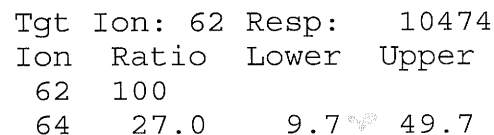
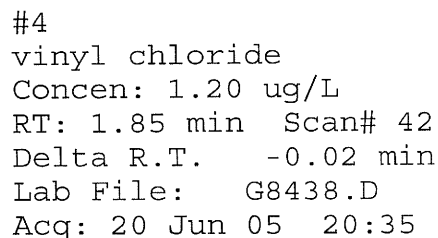
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Acq On : 20 Jun 05 20:35
Sample : 0506093-04ams
Misc : ms asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 15:26 19105

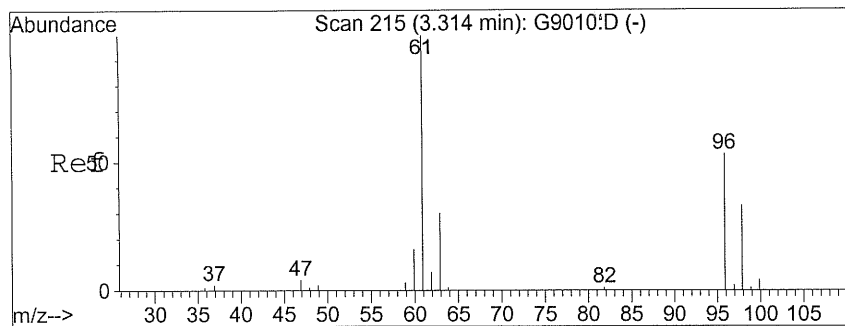
Vial: 11
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration

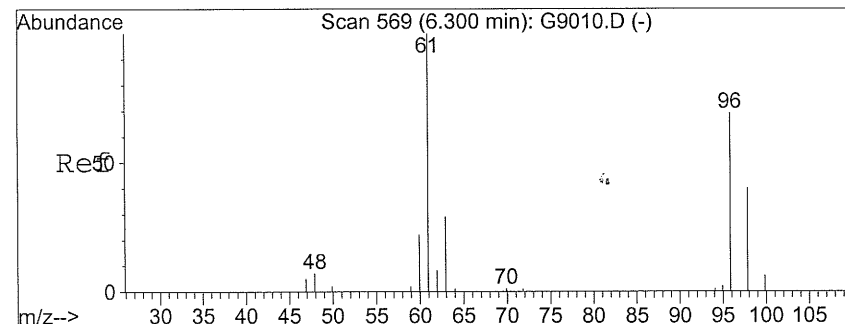
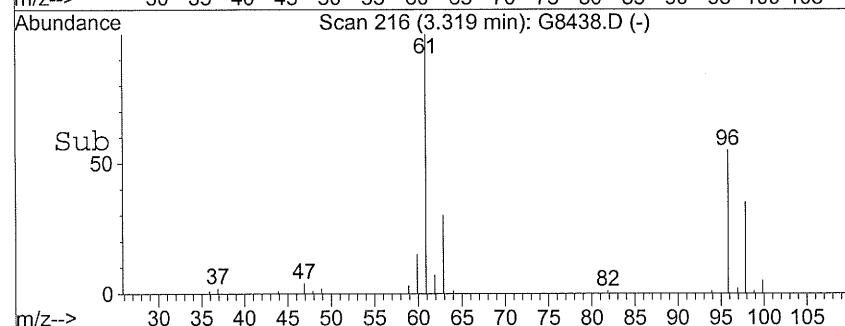
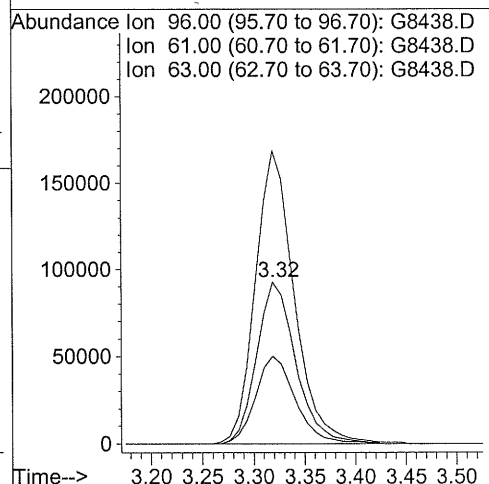
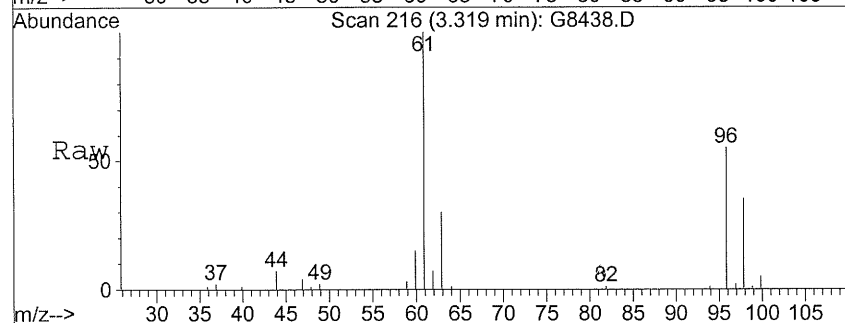






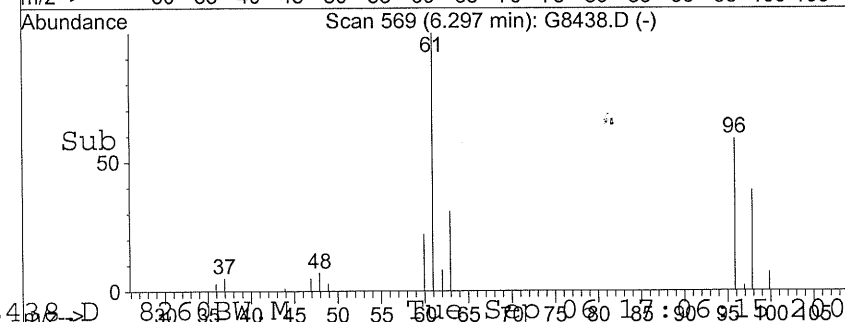
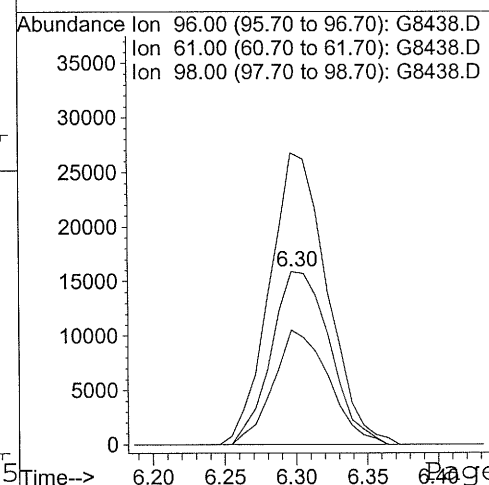
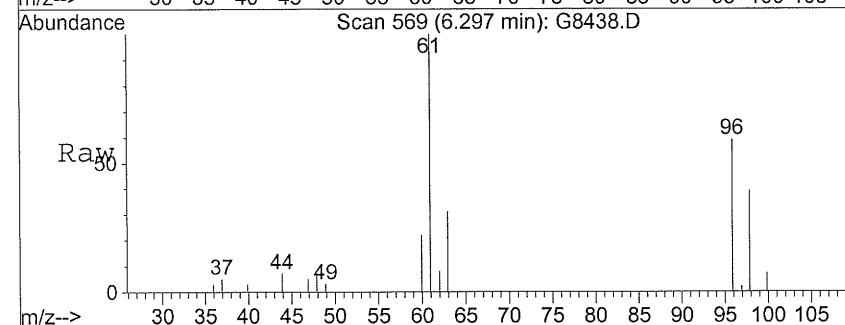
#11
1,1-dichloroethene
Concen: 49.03 ug/L
RT: 3.32 min Scan# 216
Delta R.T. -0.03 min
Lab File: G8438.D
Acq: 20 Jun 05 20:35

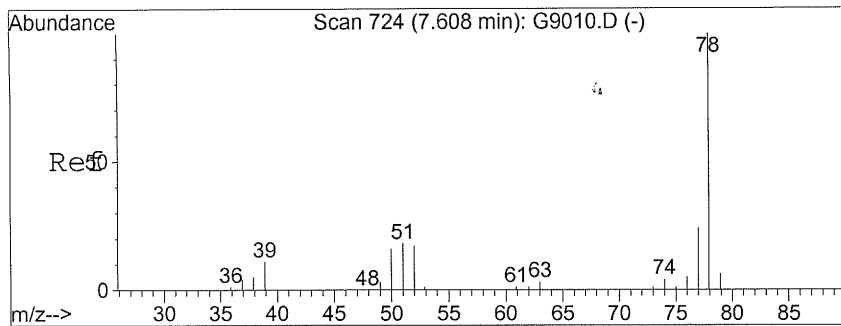
Tgt Ion: 96 Resp: 246839
Ion Ratio Lower Upper
96 100
61 182.0 144.1 204.1
63 54.0 32.7 72.7



#28
cis-1,2-dichloroethene
Concen: 10.26 ug/L
RT: 6.30 min Scan# 569
Delta R.T. -0.05 min
Lab File: G8438.D
Acq: 20 Jun 05 20:35

Tgt Ion: 96 Resp: 45388
Ion Ratio Lower Upper
96 100
61 168.5 136.2 176.2
98 66.2 37.2 77.2





#37

benzene

Concen: 54.79 ug/L

RT: 7.65 min Scan# 729

Delta R.T. -0.02 min

Lab File: G8438.D

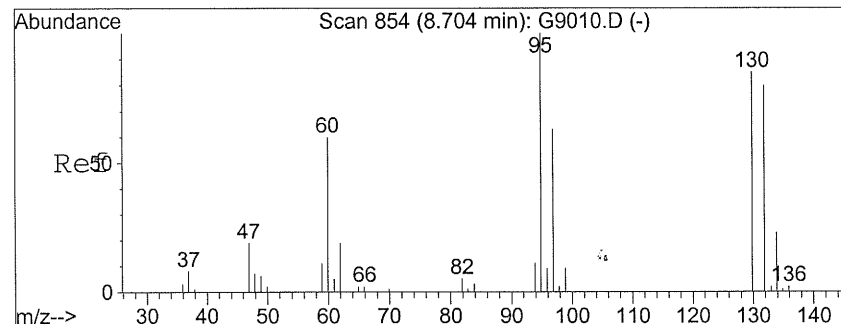
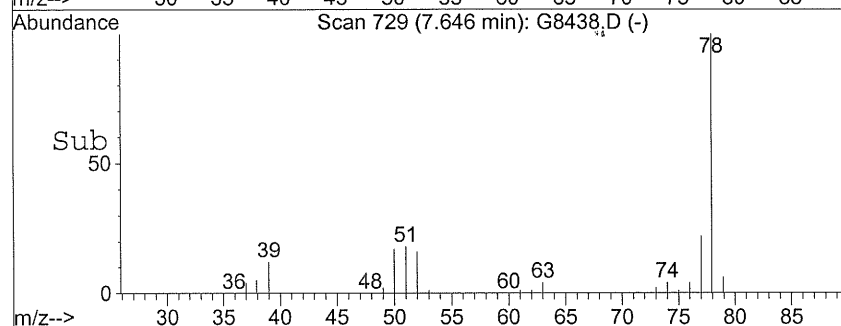
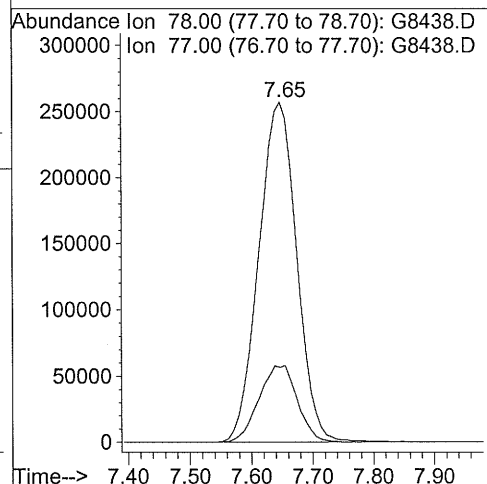
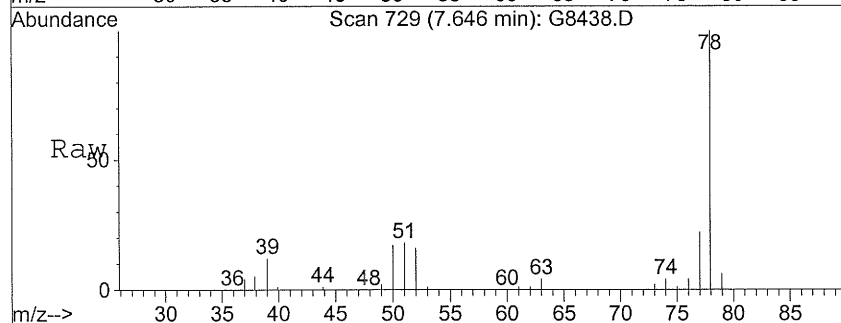
Acq: 20 Jun 05 20:35

Tgt Ion: 78 Resp: 1106116

Ion Ratio Lower Upper

78 100

77 22.0 2.9 42.9



#40

trichloroethene

Concen: 57.42 ug/L

RT: 8.73 min Scan# 857

Delta R.T. -0.03 min

Lab File: G8438.D

Acq: 20 Jun 05 20:35

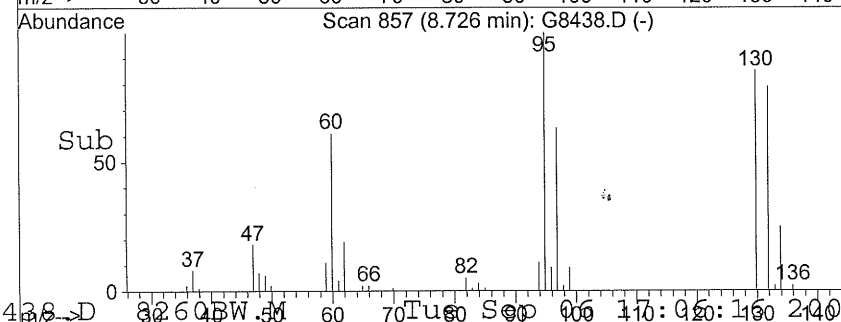
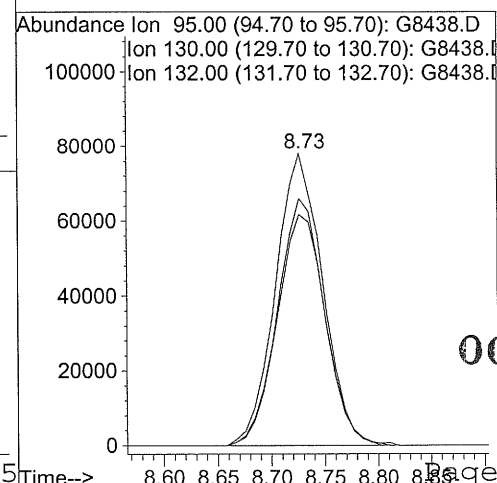
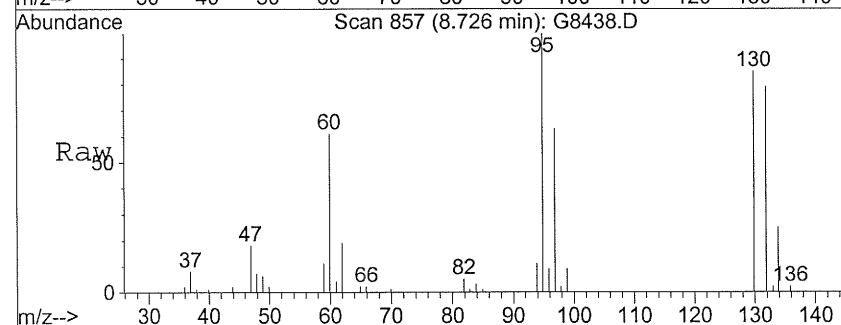
Tgt Ion: 95 Resp: 238097

Ion Ratio Lower Upper

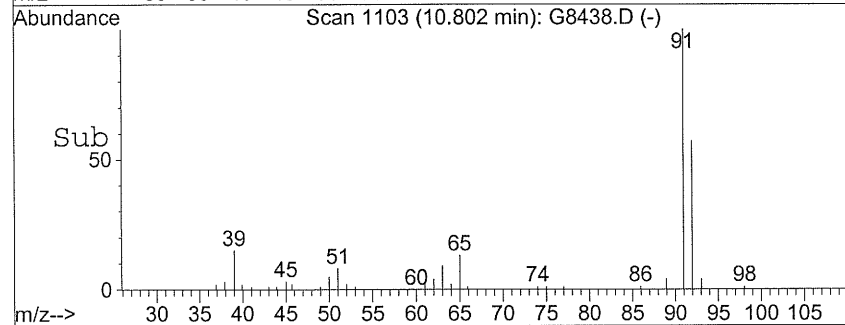
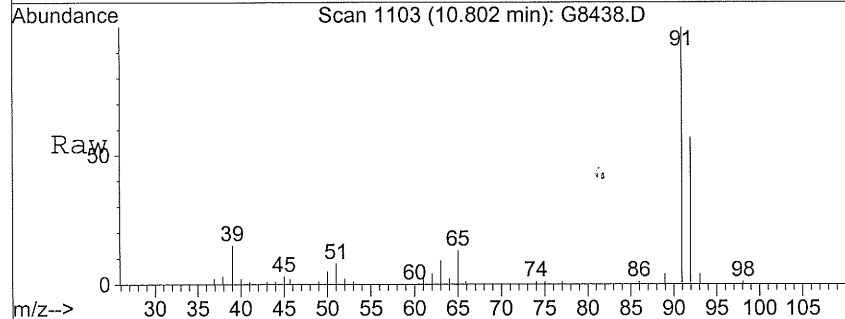
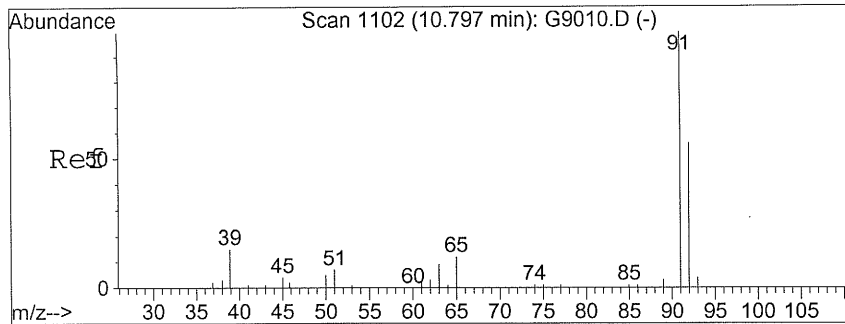
95 100

130 84.6 63.7 103.7

132 79.2 56.5 96.5

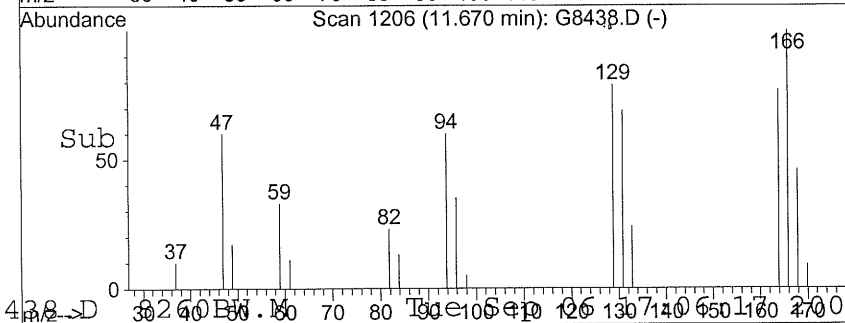
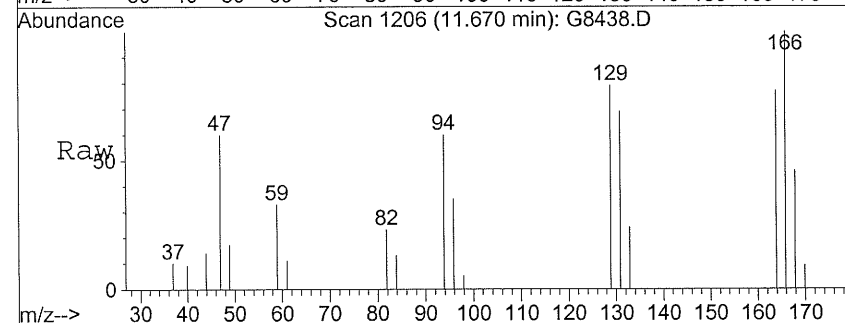
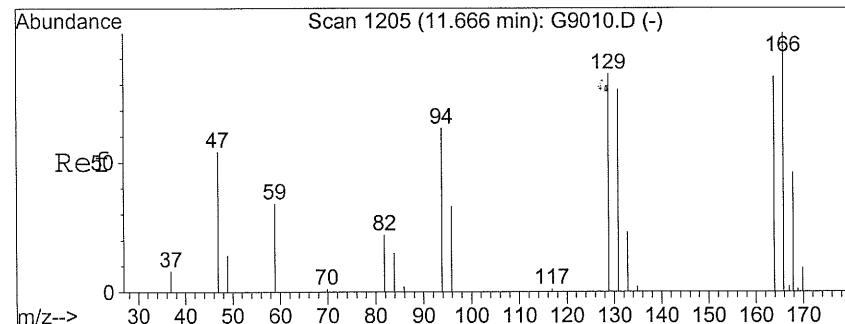
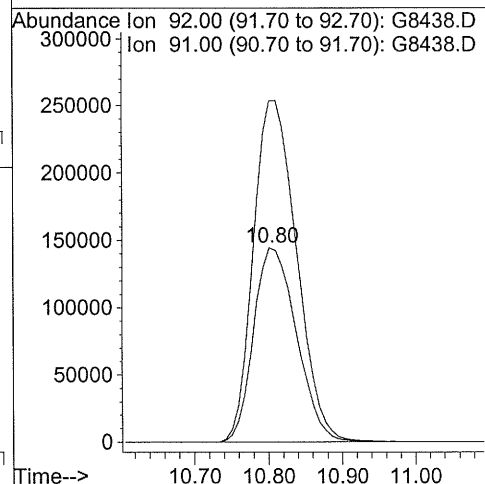


000198



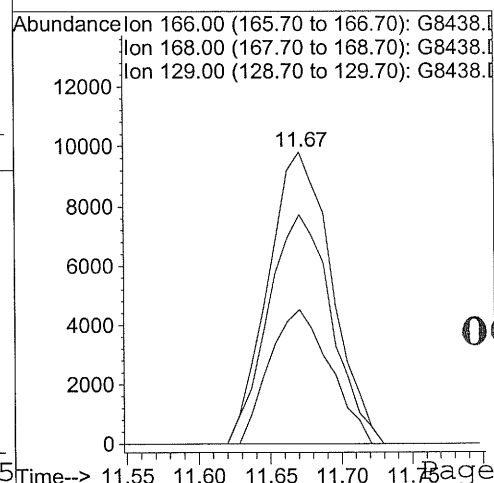
#49
toluene
Concen: 54.09 ug/L
RT: 10.80 min Scan# 1103
Delta R.T. -0.04 min
Lab File: G8438.D
Acq: 20 Jun 05 20:35

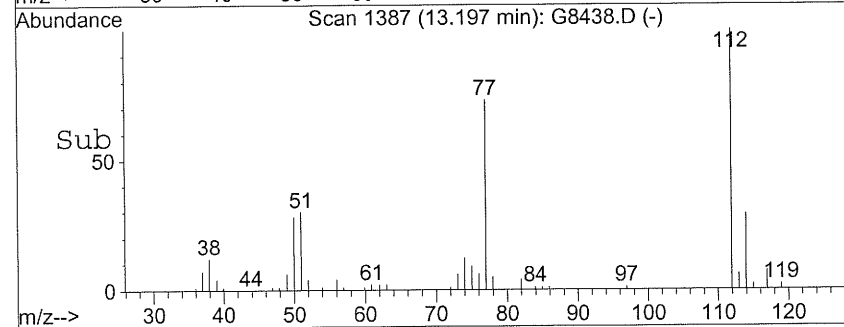
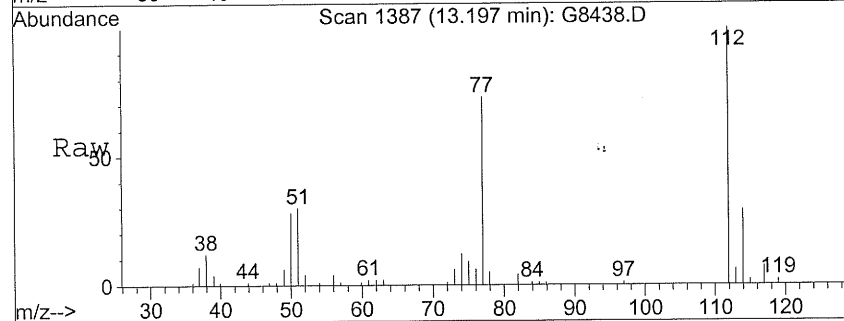
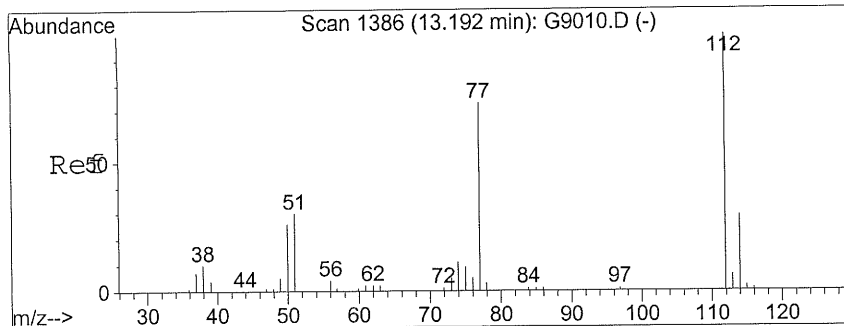
Tgt Ion: 92 Resp: 584078
Ion Ratio Lower Upper
92 100
91 175.3 154.7 194.7



#54
tetrachloroethene
Concen: 9.97 ug/L
RT: 11.67 min Scan# 1206
Delta R.T. -0.04 min
Lab File: G8438.D
Acq: 20 Jun 05 20:35

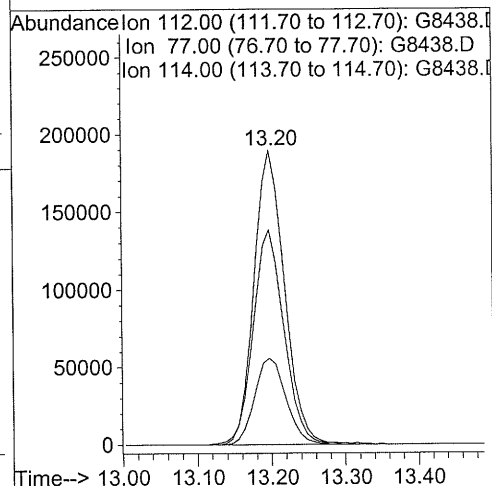
Tgt Ion: 166 Resp: 30460
Ion Ratio Lower Upper
166 100
168 46.0 25.8 65.8
129 78.8 56.4 96.4





#58
chlorobenzene
Concen: 55.56 ug/L
RT: 13.20 min Scan# 1387
Delta R.T. -0.04 min
Lab File: G8438.D
Acq: 20 Jun 05 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
77	73.0	54.3	94.3
114	29.4	12.0	52.0



0506093-04amsd

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04amsd

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8439.D

Level: (low/med) LOW Date Received: 6/10/2005

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		10	U
71-55-6	1,1,1-Trichloroethane		10	U
79-34-5	1,1,2,2-Tetrachloroethane		10	U
79-00-5	1,1,2-Trichloroethane		10	U
75-34-3	1,1-Dichloroethane		10	U
75-35-4	1,1-Dichloroethene		49.4	D
563-58-6	1,1-Dichloropropene		10	U
87-61-6	1,2,3-Trichlorobenzene		10	U
96-18-4	1,2,3-Trichloropropane		10	U
120-82-1	1,2,4-Trichlorobenzene		10	U
95-63-6	1,2,4-Trimethylbenzene		10	U
96-12-8	1,2-Dibromo-3-chloropropane		10	U
106-93-4	1,2-Dibromoethane		10	U
95-50-1	1,2-Dichlorobenzene		10	U
107-06-2	1,2-Dichloroethane		10	U
78-87-5	1,2-Dichloropropane		10	U
108-67-8	1,3,5-Trimethylbenzene		10	U
541-73-1	1,3-Dichlorobenzene		10	U
142-28-9	1,3-Dichloropropane		10	U
106-46-7	1,4-Dichlorobenzene		10	U
590-20-7	2,2-Dichloropropane		10	U
78-93-3	2-Butanone		10	U
110-75-8	2-Chloroethyl vinyl ether		10	U
95-49-8	2-Chlorotoluene		10	U
591-78-6	2-Hexanone		10	U
106-43-4	4-Chlorotoluene		10	U
99-87-6	4-Isopropyltoluene		10	U
108-10-1	4-Methyl-2-pentanone		10	U
67-64-1	Acetone		10	U
107-13-1	Acrylonitrile		100	U
71-43-2	Benzene		54.5	D
108-86-1	Bromobenzene		10	U
74-97-5	Bromochloromethane		10	U

0506093-04amsd

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04amsd

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8439.D

Level: (low/med) LOW Date Received: 6/10/2005

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane	10		U
75-25-2	Bromoform	10		U
74-83-9	Bromomethane	10		U
75-15-0	Carbon disulfide	10		U
56-23-5	Carbon tetrachloride	10		U
108-90-7	Chlorobenzene	55.6		D
75-00-3	Chloroethane	10		U
67-66-3	Chloroform	10		U
74-87-3	Chloromethane	10		U
156-59-2	cis-1,2-Dichloroethene	10.2		D
10061-01-5	cis-1,3-Dichloropropene	10		U
124-48-1	Dibromochloromethane	10		U
74-95-3	Dibromomethane	10		U
75-71-8	Dichlorodifluoromethane	10		U
100-41-4	Ethylbenzene	10		U
87-68-3	Hexachlorobutadiene	10		U
74-88-4	Iodomethane	10		U
98-82-8	Isopropylbenzene	10		U
1634-04-4	Methyl tert-butyl-ether	10		U
75-09-2	Methylene chloride	10		U
104-51-8	n-Butylbenzene	10		U
103-65-1	n-Propylbenzene	10		U
91-20-3	Naphthalene	10		U
135-98-8	sec-Butylbenzene	10		U
100-42-5	Styrene	10		U
98-06-6	tert-Butylbenzene	10		U
127-18-4	Tetrachloroethene	9.6		DJ
109-99-9	Tetrahydrofuran	10		U
108-88-3	Toluene	54.2		D
156-60-5	trans-1,2-Dichloroethene	10		U
10061-02-6	trans-1,3-Dichloropropene	10		U
79-01-6	Trichloroethene	56.4		D
75-69-4	Trichlorofluoromethane	10		U

0506093-04amsd

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 0506093-04amsd

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8439.D

Level: (low/med) LOW Date Received: 6/10/2005

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		10	U
75-01-4	Vinyl chloride		1.1	DJ
1330-20-7	Xylenes, Total		10	U

Data File : C:\HPCHEM\1\DATA\062005\G8439.D
 Acq On : 20 Jun 05 21:06
 Sample : 0506093-04amsd
 Misc : msd asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 14:47 19105

Vial: 12
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Mon Jun 20 12:56:27 2005
 Response via : Initial Calibration
 DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.26	168	215011	50.00	ug/L	-0.04
34) 1,4-difluorobenzene	8.39	114	500838	50.00	ug/L	-0.04
52) chlorobenzene-d5	13.14	117	427984	50.00	ug/L	-0.04
66) 1,4-dichlorobenzene-d4	17.27	152	164855	50.00	ug/L	-0.04

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
31) Dibromofluoromethane		7.10	113	161760	51.84	ug/L	-0.04
Spiked Amount	50.000	Range	86 - 118	Recovery	=	103.68%	
48) toluene-d8		10.70	98	635000	49.27	ug/L	-0.04
Spiked Amount	50.000	Range	88 - 110	Recovery	=	98.54%	
65) 4-Bromofluorobenzene		15.23	95	205646	46.11	ug/L	-0.04
Spiked Amount	50.000	Range	86 - 115	Recovery	=	92.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) vinyl chloride	1.86	62	9453	1.12	ug/L	89
10) Acetone	3.52	43	9993	-1.83	ug/L	87
11) 1,1-dichloroethene	3.32	96	238386	49.36	ug/L	96
28) cis-1,2-dichloroethene	6.30	96	43465	10.24	ug/L	94
37) benzene	7.63	78	1085027	54.46	ug/L	100
40) trichloroethene	8.72	95	231004	56.45	ug/L	97
49) toluene	10.80	92	577196	54.17	ug/L	98
54) tetrachloroethene	11.67	166	28916	9.61	ug/L	93
58) chlorobenzene	13.19	112	534919	55.56	ug/L	97

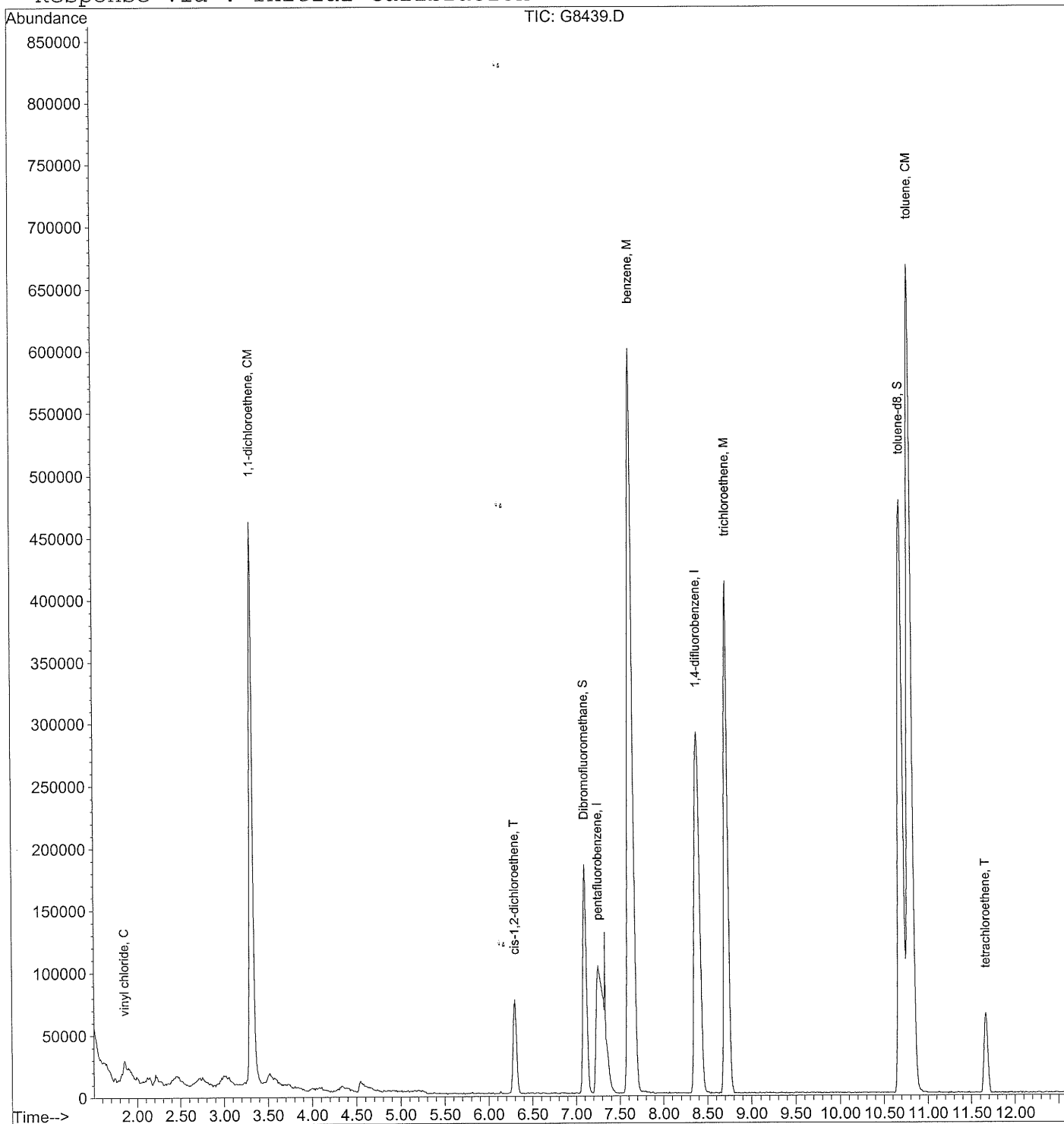
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8439.D
Acq On : 20 Jun 05 21:06
Sample : 0506093-04amsd
Misc : msd asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:47 19105

Vial: 12
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration



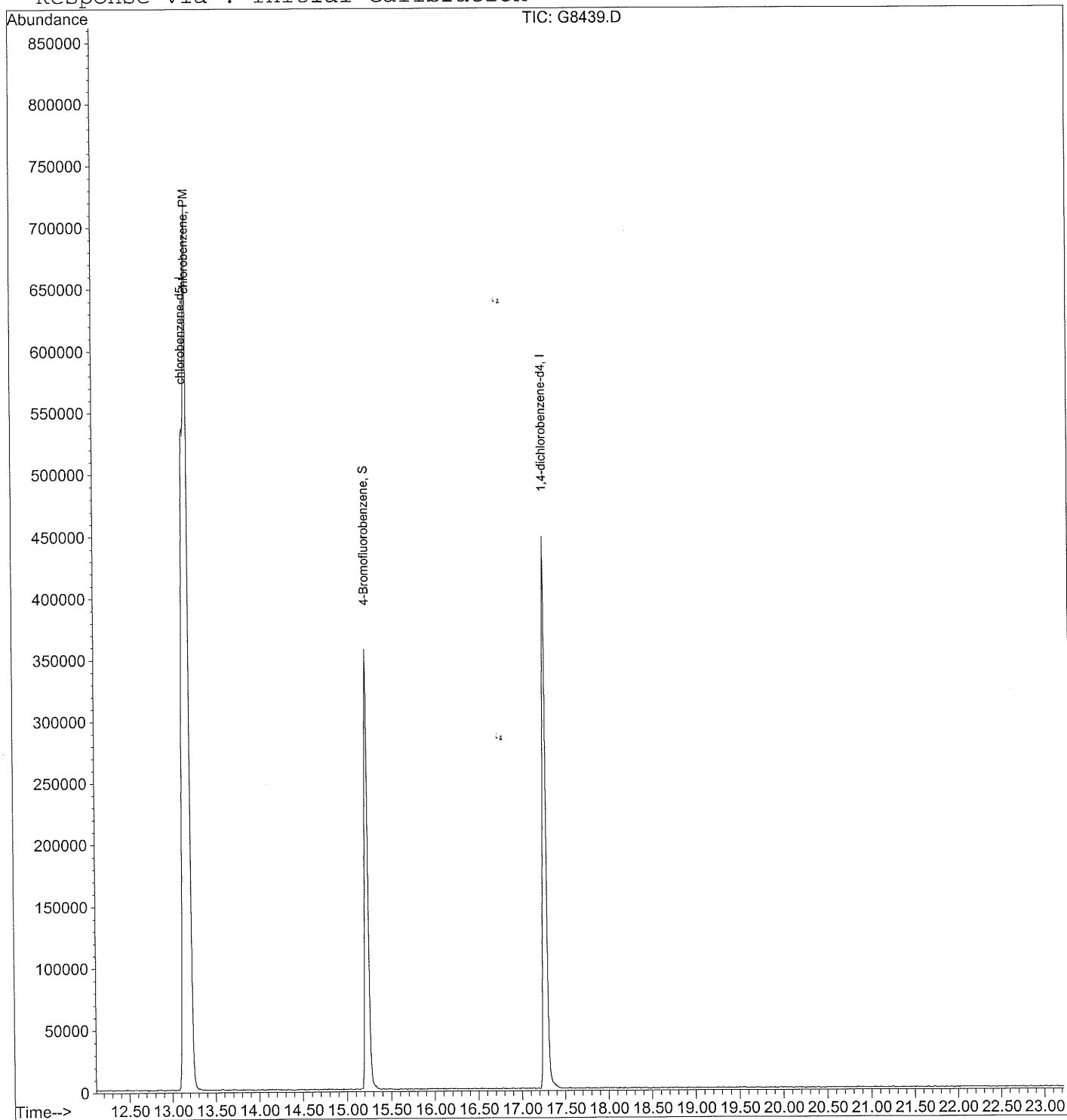
Quantitation Report

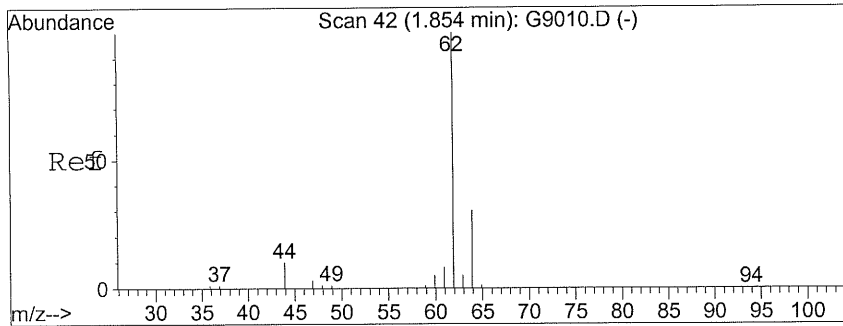
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Acq On : 20 Jun 05 21:06
Sample : 0506093-04amsd
Misc : msd asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:47 19105

Vial: 12
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration





#4

vinyl chloride

Concen: 1.12 ug/L

RT: 1.86 min Scan# 43

Delta R.T. -0.02 min

Lab File: G8439.D

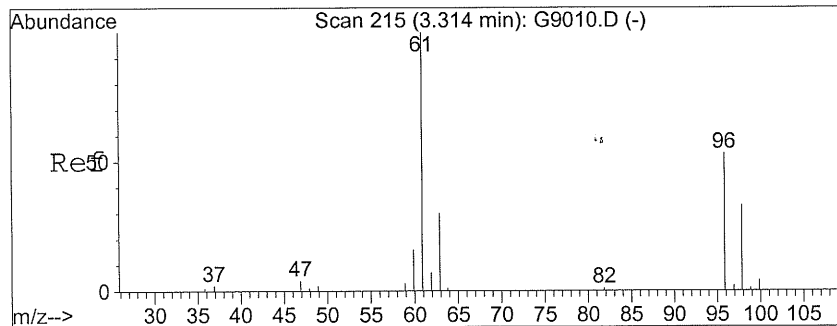
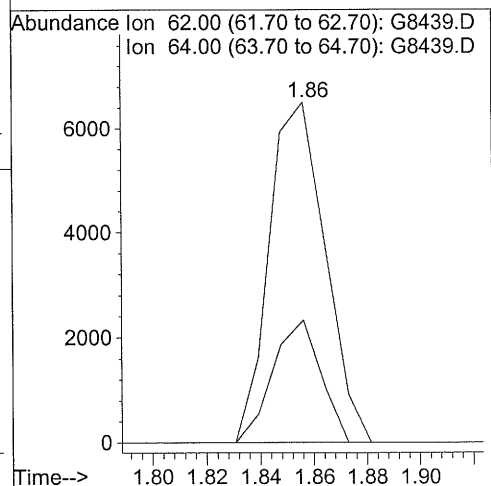
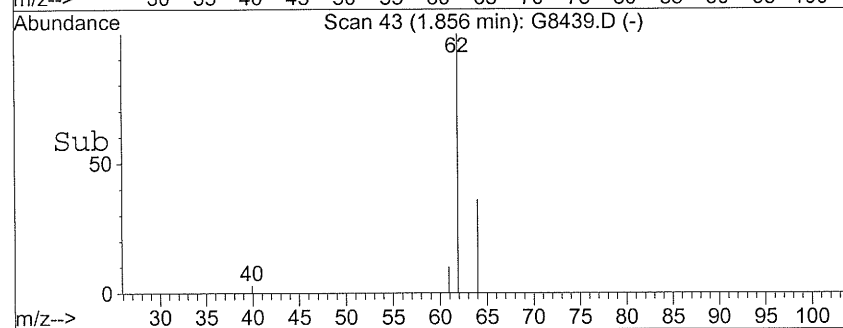
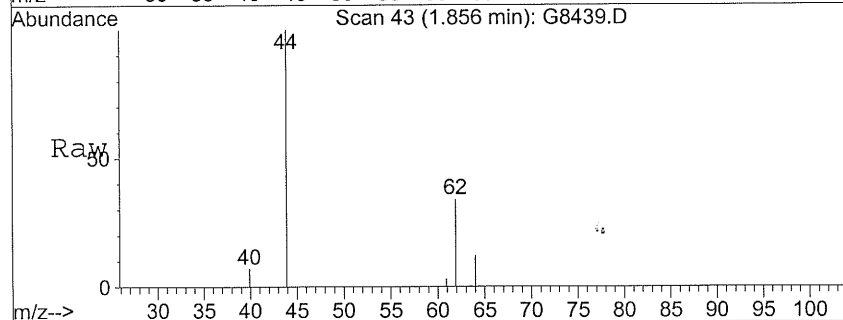
Acq: 20 Jun 05 21:06

Tgt Ion: 62 Resp: 9453

Ion Ratio Lower Upper

62 100

64 35.8 9.7 49.7



#11

1,1-dichloroethene

Concen: 49.36 ug/L

RT: 3.32 min Scan# 216

Delta R.T. -0.03 min

Lab File: G8439.D

Acq: 20 Jun 05 21:06

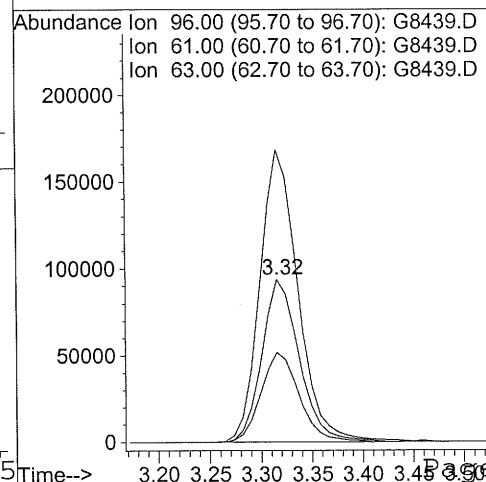
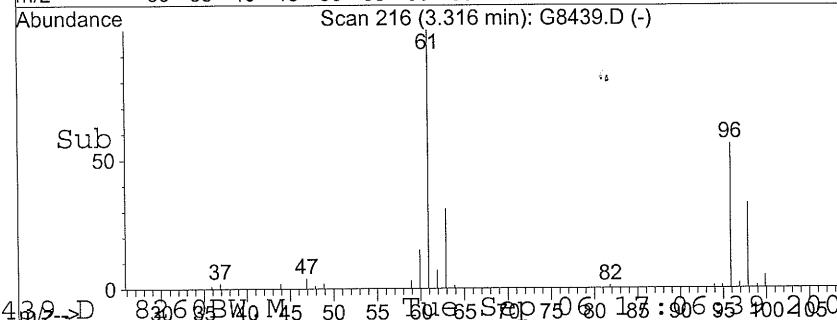
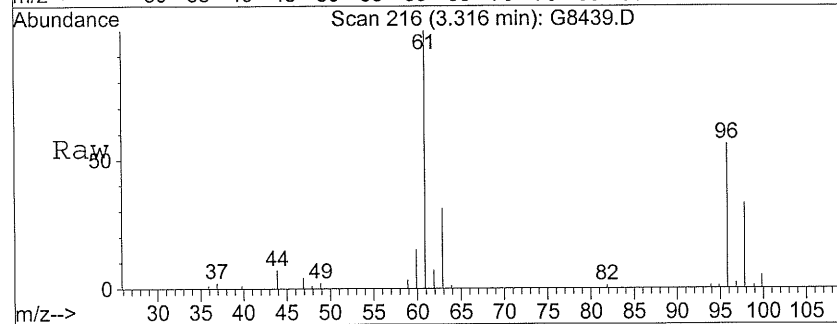
Tgt Ion: 96 Resp: 238386

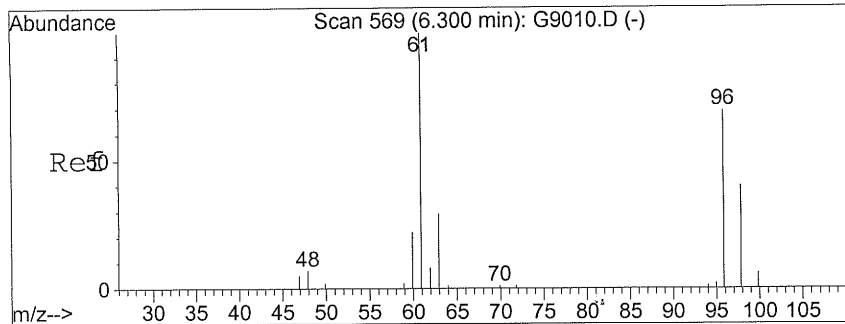
Ion Ratio Lower Upper

96 100

61 179.4 144.1 204.1

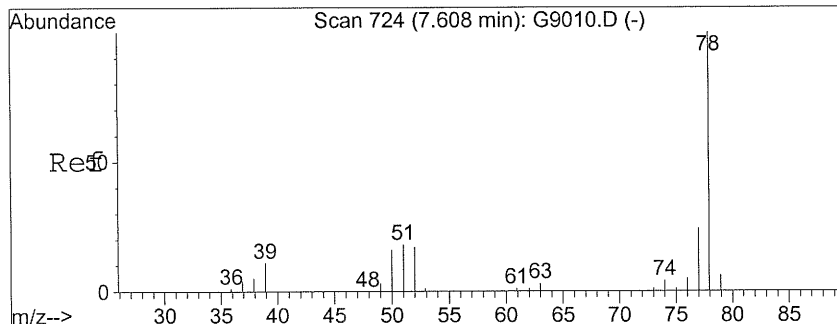
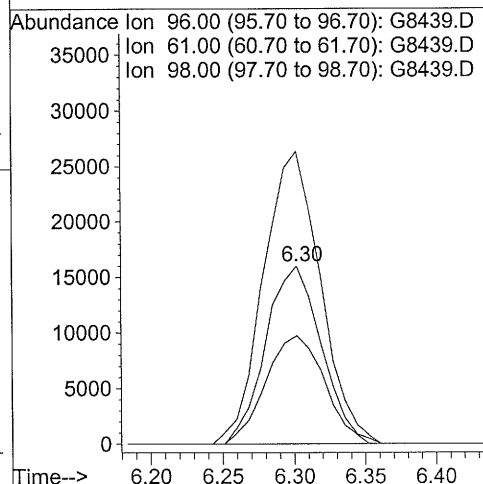
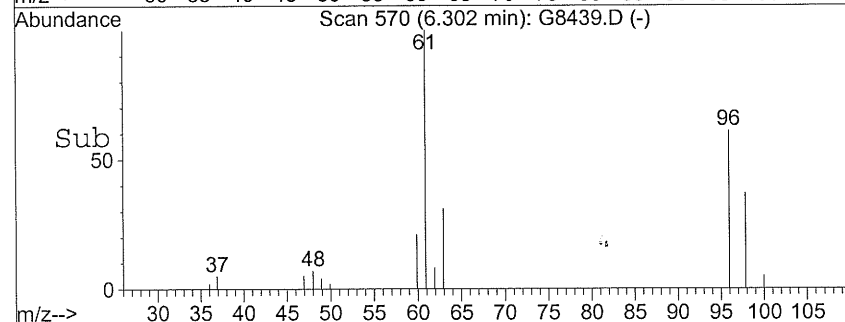
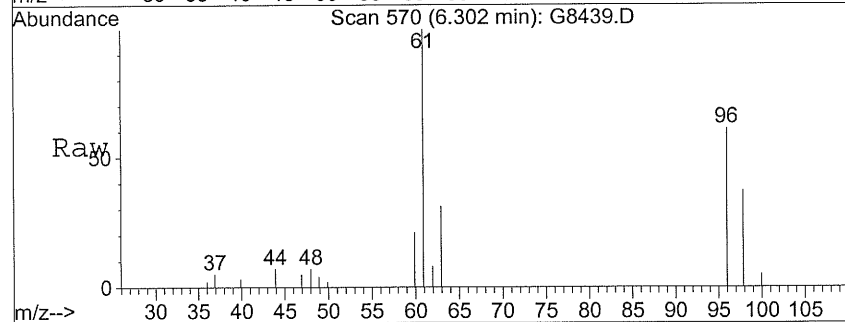
63 55.2 32.7 72.7





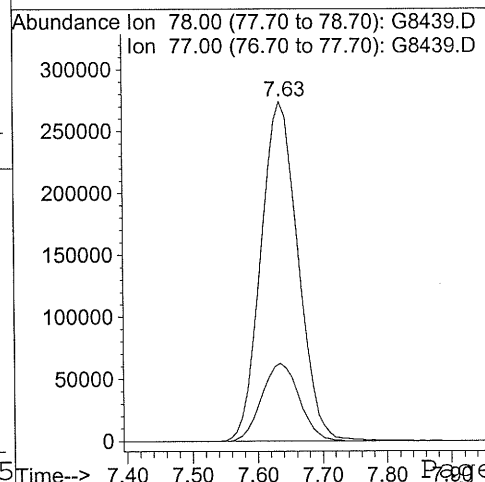
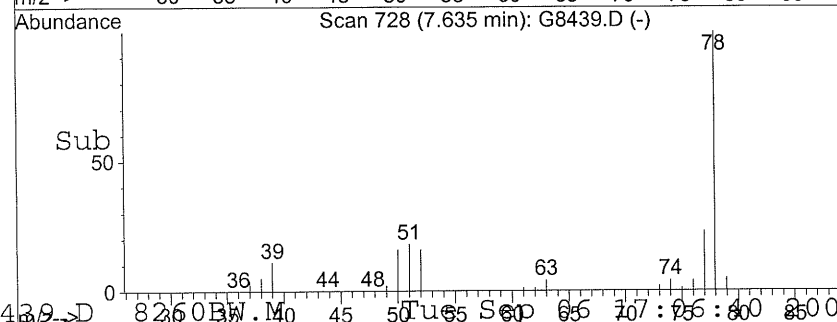
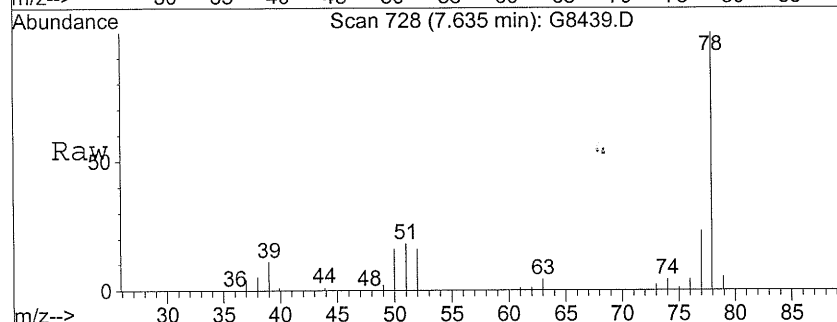
#28
 cis-1,2-dichloroethene
 Concen: 10.24 ug/L
 RT: 6.30 min Scan# 570
 Delta R.T. -0.04 min
 Lab File: G8439.D
 Acq: 20 Jun 05 21:06

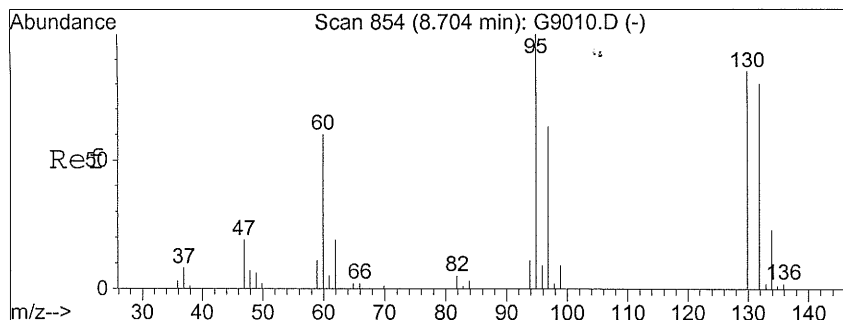
Tgt Ion: 96 Resp: 43465
 Ion Ratio Lower Upper
 96 100
 61 165.0 136.2 176.2
 98 60.9 37.2 77.2



#37
 benzene
 Concen: 54.46 ug/L
 RT: 7.63 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: G8439.D
 Acq: 20 Jun 05 21:06

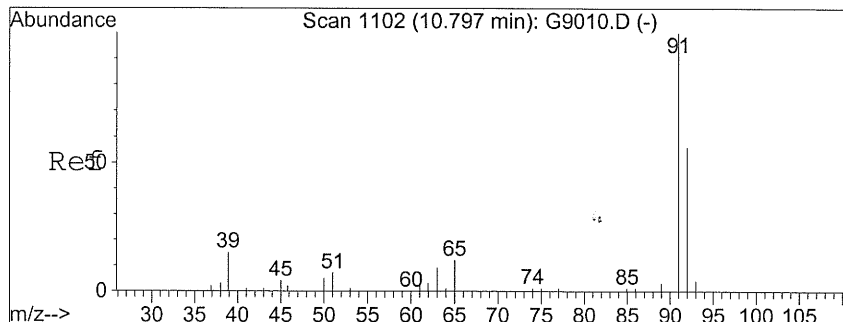
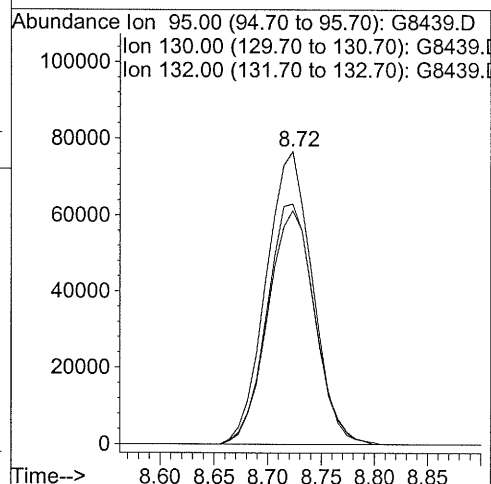
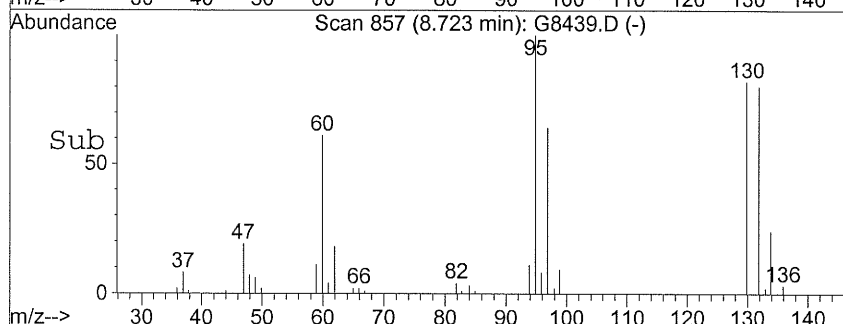
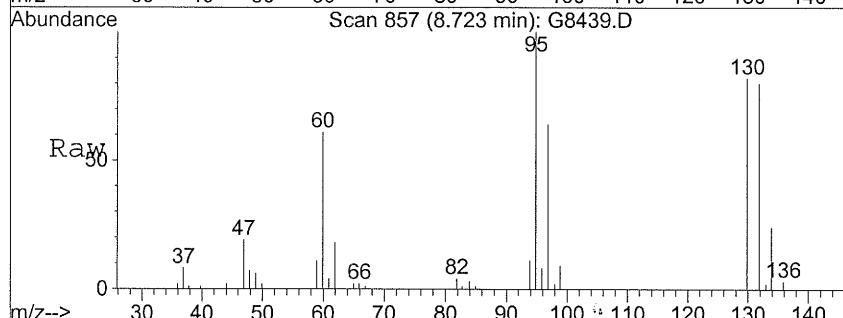
Tgt Ion: 78 Resp: 1085027
 Ion Ratio Lower Upper
 78 100
 77 22.7 2.9 42.9





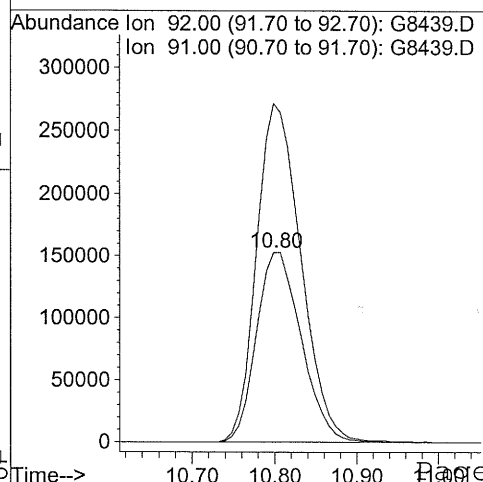
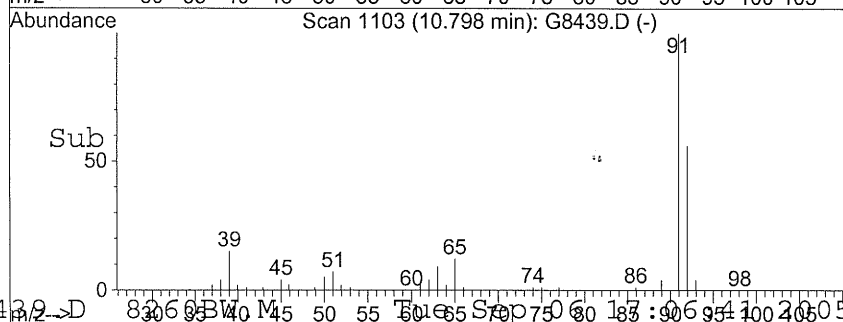
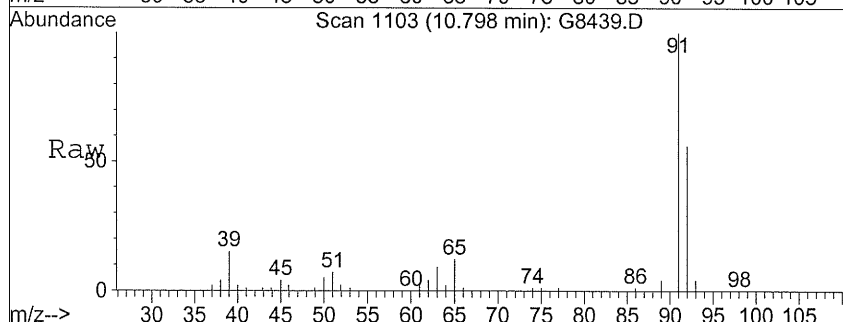
#40
trichloroethene
Concen: 56.45 ug/L
RT: 8.72 min Scan# 857
Delta R.T. -0.03 min
Lab File: G8439.D
Acq: 20 Jun 05 21:06

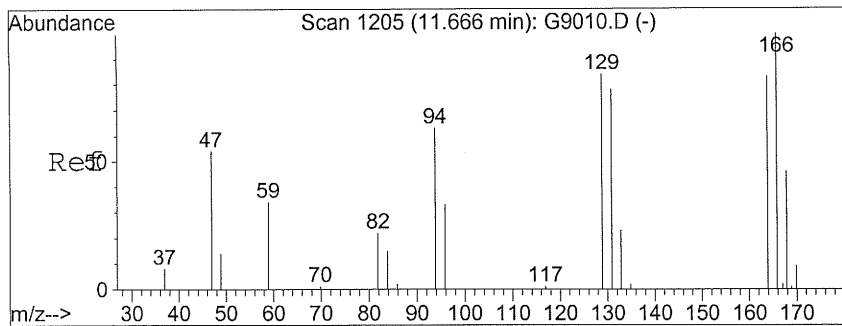
Tgt Ion: 95 Resp: 231004
Ion Ratio Lower Upper
95 100
130 82.3 63.7 103.7
132 80.0 56.5 96.5



#49
toluene
Concen: 54.17 ug/L
RT: 10.80 min Scan# 1103
Delta R.T. -0.04 min
Lab File: G8439.D
Acq: 20 Jun 05 21:06

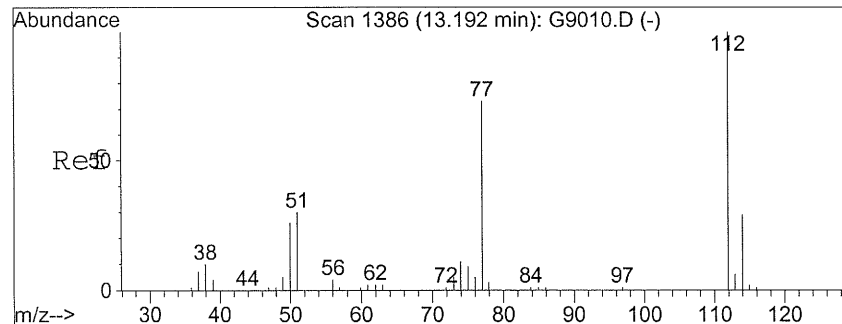
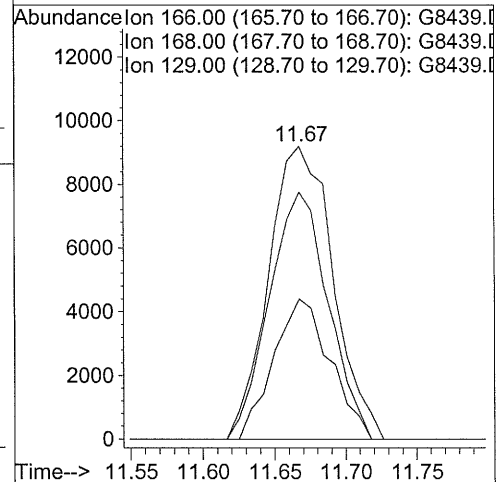
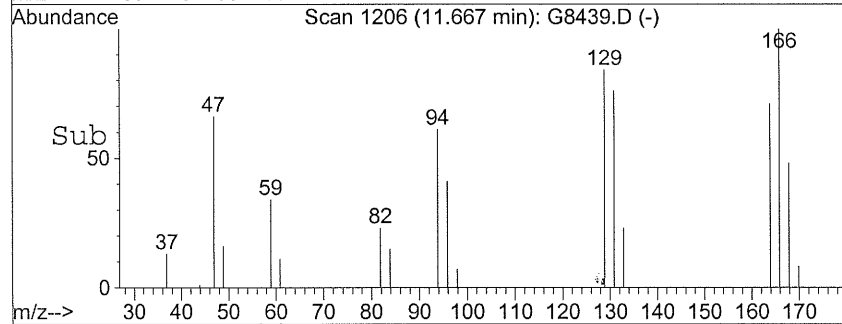
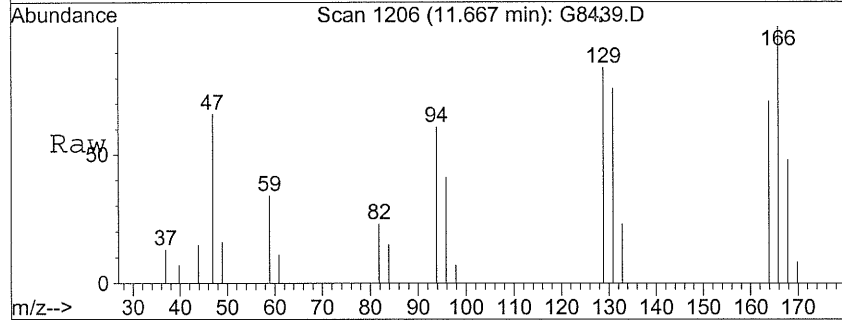
Tgt Ion: 92 Resp: 577196
Ion Ratio Lower Upper
92 100
91 177.8 154.7 194.7





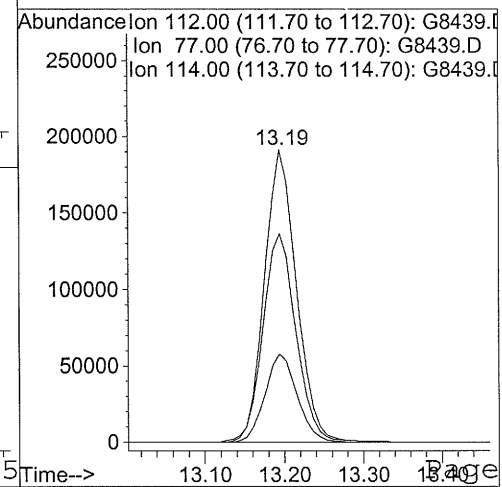
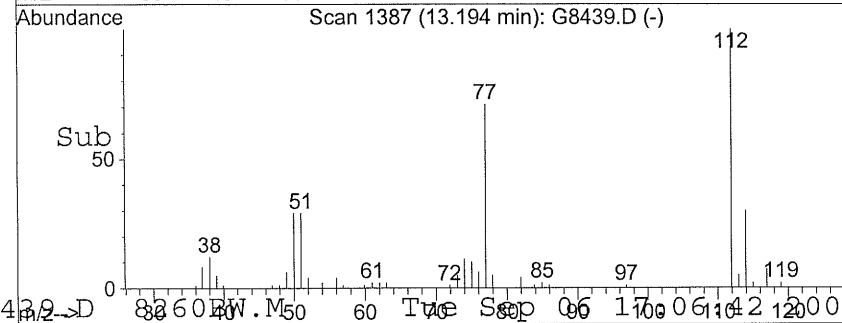
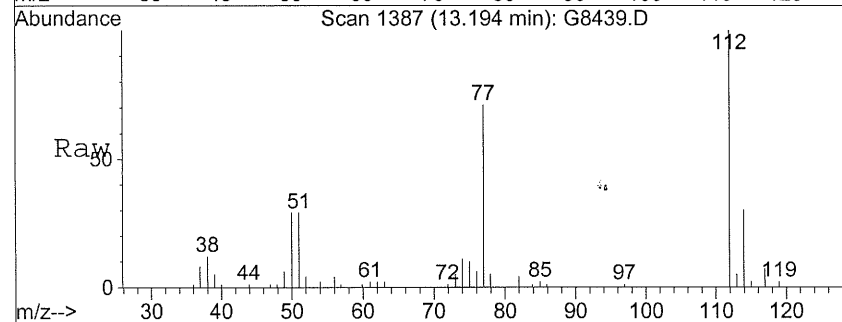
#54
tetrachloroethene
Concen: 9.61 ug/L
RT: 11.67 min Scan# 1206
Delta R.T. -0.04 min
Lab File: G8439.D
Acq: 20 Jun 05 21:06

Tgt Ion	Ratio	Lower	Upper
166	100		
168	47.9	25.8	65.8
129	84.4	56.4	96.4



#58
chlorobenzene
Concen: 55.56 ug/L
RT: 13.19 min Scan# 1387
Delta R.T. -0.04 min
Lab File: G8439.D
Acq: 20 Jun 05 21:06

Tgt Ion	Ratio	Lower	Upper
112	100		
77	71.4	54.3	94.3
114	30.1	12.0	52.0



lcs062005

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: lcs062005
 Sample wt/vol: (g/mL) ML Lab File ID: G8430.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/20/2005
 GC Column: ID: (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		50.7	D
71-55-6	1,1,1-Trichloroethane		49.6	D
79-34-5	1,1,2,2-Tetrachloroethane		47	D
79-00-5	1,1,2-Trichloroethane		48.8	D
75-34-3	1,1-Dichloroethane		53.2	D
75-35-4	1,1-Dichloroethene		48.8	D
563-58-6	1,1-Dichloropropene		45.9	D
87-61-6	1,2,3-Trichlorobenzene		50.7	D
96-18-4	1,2,3-Trichloropropane		47.2	D
120-82-1	1,2,4-Trichlorobenzene		53.1	D
95-63-6	1,2,4-Trimethylbenzene		50.9	D
96-12-8	1,2-Dibromo-3-chloropropane		46.7	D
106-93-4	1,2-Dibromoethane		48.7	D
95-50-1	1,2-Dichlorobenzene		50.1	D
107-06-2	1,2-Dichloroethane		48.6	D
78-87-5	1,2-Dichloropropane		49.5	D
108-67-8	1,3,5-Trimethylbenzene		50.9	D
541-73-1	1,3-Dichlorobenzene		50.8	D
142-28-9	1,3-Dichloropropane		48.5	D
106-46-7	1,4-Dichlorobenzene		50.1	D
590-20-7	2,2-Dichloropropane		51.2	D
78-93-3	2-Butanone		43.5	D
110-75-8	2-Chloroethyl vinyl ether		50.1	D
95-49-8	2-Chlorotoluene		52.1	D
591-78-6	2-Hexanone		45.9	D
106-43-4	4-Chlorotoluene		50.7	D
99-87-6	4-Isopropyltoluene		48.7	D
108-10-1	4-Methyl-2-pentanone		43.2	D
67-64-1	Acetone		45.6	D
107-13-1	Acrylonitrile		50	DJ
71-43-2	Benzene		50.9	D
108-86-1	Bromobenzene		50.4	D
74-97-5	Bromochloromethane		50.6	D

lcs062005

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: lcs062005
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8430.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/20/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane	50.5	D	
75-25-2	Bromoform	53.7	D	
74-83-9	Bromomethane	66.5	D	
75-15-0	Carbon disulfide	52.9	D	
56-23-5	Carbon tetrachloride	43.2	D	
108-90-7	Chlorobenzene	50.6	D	
75-00-3	Chloroethane	48.8	D	
67-66-3	Chloroform	48.3	D	
74-87-3	Chloromethane	48.4	D	
156-59-2	cis-1,2-Dichloroethene	49.8	D	
10061-01-5	cis-1,3-Dichloropropene	50.2	D	
124-48-1	Dibromochloromethane	50.8	D	
74-95-3	Dibromomethane	47.7	D	
75-71-8	Dichlorodifluoromethane	46.5	D	
100-41-4	Ethylbenzene	51.9	D	
87-68-3	Hexachlorobutadiene	51.6	D	
74-88-4	Iodomethane	45.6	D	
98-82-8	Isopropylbenzene	51.5	D	
1634-04-4	Methyl tert-butyl-ether	51.1	D	
75-09-2	Methylene chloride	10	U	
104-51-8	n-Butylbenzene	51.3	D	
103-65-1	n-Propylbenzene	50.6	D	
91-20-3	Naphthalene	50.4	D	
135-98-8	sec-Butylbenzene	52	D	
100-42-5	Styrene	53.1	D	
98-06-6	tert-Butylbenzene	50.9	D	
127-18-4	Tetrachloroethene	52	D	
109-99-9	Tetrahydrofuran	44.3	D	
108-88-3	Toluene	51.2	D	
156-60-5	trans-1,2-Dichloroethene	60.2	D	
10061-02-6	trans-1,3-Dichloropropene	51.9	D	
79-01-6	Trichloroethene	50.4	D	
75-69-4	Trichlorofluoromethane	48.8	D	

1cs062005

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 1cs062005

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8430.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. Date Analyzed: 6/20/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		47.2	D
75-01-4	Vinyl chloride		48.4	D
1330-20-7	Xylenes, Total		156	D

Data File : C:\HPCHEM\1\DATA\062005\G8430.D
 Acq On : 20 Jun 05 14:39
 Sample : lcs062005
 Misc : lcs asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 14:42 19105

Vial: 3
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Mon Jun 20 12:56:27 2005
 Response via : Initial Calibration
 DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.24	168	252989	50.00	ug/L	-0.06
34) 1,4-difluorobenzene	8.36	114	548259	50.00	ug/L	-0.07
52) chlorobenzene-d5	13.13	117	467927	50.00	ug/L	-0.05
66) 1,4-dichlorobenzene-d4	17.27	152	211352	50.00	ug/L	-0.04

System Monitoring Compounds

31) Dibromofluoromethane	7.09	113	173229	47.18	ug/L	-0.05
Spiked Amount	50.000	Range	86 - 118	Recovery	=	94.36%
48) toluene-d8	10.68	98	697212	49.41	ug/L	-0.06
Spiked Amount	50.000	Range	88 - 110	Recovery	=	98.82%
65) 4-Bromofluorobenzene	15.22	95	243698	49.98	ug/L	-0.05
Spiked Amount	50.000	Range	86 - 115	Recovery	=	99.96%

Target Compounds

					Qvalue
2) dichlorodifluoromethane	1.53	85	246899	46.50 ug/L	99
3) chloromethane	1.74	50	514226	48.38 ug/L	99
4) vinyl chloride	1.85	62	478743	48.40 ug/L	100
5) bromomethane	2.22	96	254244	66.46 ug/L	96
6) chloroethane	2.34	64	266116	48.85 ug/L	97
7) trichlorofluoromethane	2.61	101	465489	48.80 ug/L	98
8) Diethyl Ether	3.01	45	174999	44.30 ug/L	99
9) Acrolein	3.25	56	74350	202.49 ug/L	98
10) Acetone	3.49	43	61799	45.61 ug/L	98
11) 1,1-dichloroethene	3.31	96	277396	48.81 ug/L	99
12) Iodomethane	3.52	142	245817	45.63 ug/L	100
14) Carbon Disulfide	3.57	76	1200010	52.92 ug/L	96
15) Isopropyl Alcohol	3.01	45	174999	461.44 ug/L	99
16) Acetonitrile	4.15	41	13861	48.87 ug/L	99
17) Acrylonitrile	4.68	53	63192	50.18 ug/L	99
18) tert-Butyl alcohol	4.47	59	117173	392.15 ug/L	100
19) methyl tert-butyl ether	4.53	73	586575	51.11 ug/L	100
20) trans-1,2-dichloroethene	4.53	96	316542m	60.21 ug/L	79
22) 1,1-dichloroethane	5.30	63	549884	53.20 ug/L	96
23) di-isopropyl ether	5.36	45	947257m	47.96 ug/L	65
24) Vinyl Acetate	5.41	43	665483m	47.21 ug/L	97
25) ethyl tert-butyl ether	5.97	59	616087	48.49 ug/L	98
26) 2-Butanone	6.38	43	82692	43.53 ug/L	100

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

Data File : C:\HPCHEM\1\DATA\062005\G8430.D
Acq On : 20 Jun 05 14:39
Sample : lcs062005
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:42 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Mon Jun 20 12:56:27 2005
Response via : Initial Calibration
DataAcq Meth : 8260BW

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
27) 2,2-dichloropropane	6.22	77	375881	51.16	ug/L	100
28) cis-1,2-dichloroethene	6.28	96	248966	49.85	ug/L	97
29) bromochloromethane	6.67	128	79753	50.63	ug/L	93
30) chloroform	6.82	83	455097	48.30	ug/L	100
32) Tetrahydrofuran	6.70	42	42010	44.31	ug/L	93
33) 1,1,1-trichloroethane	7.01	97	318668	49.58	ug/L	99
35) carbon tetrachloride	7.21	117	277787	43.23	ug/L	99
36) 1,1-dichloropropene	7.29	75	423867	45.94	ug/L	97
37) benzene	7.60	78	1109115	50.86	ug/L	100
38) 1,2-dichloroethane	7.77	62	304191	48.58	ug/L	100
39) tert amyl methyl ether	7.82	73	497610	49.77	ug/L	99
40) trichloroethene	8.70	95	225624	50.37	ug/L	97
41) 1,2-dichloropropane	9.12	63	247408	49.46	ug/L	100
42) dibromomethane	9.30	93	116039	47.70	ug/L	93
44) bromodichloromethane	9.59	83	307396	50.46	ug/L	96
45) 2-Chloroethyl vinyl ether	10.15	63	100006	50.13	ug/L	99
46) 4-Methyl-2-Pentanone	10.62	43	175781	43.21	ug/L	97
47) cis-1,3-dichloropropene	10.34	75	375682	50.21	ug/L	99
49) toluene	10.78	92	596969	51.18	ug/L	97
50) trans-1,3-dichloropropene	11.33	75	302356	51.86	ug/L	100
51) 1,1,2-trichloroethane	11.61	83	142099	48.76	ug/L	100
53) 2-Hexanone	12.03	43	112942	45.91	ug/L	97
54) tetrachloroethene	11.65	166	171047	52.01	ug/L	99
55) 1,3-dichloropropane	11.89	76	310908	48.51	ug/L	100
56) dibromochloromethane	12.20	129	146247	50.83	ug/L	99
57) 1,2-dibromoethane	12.37	107	130061	48.73	ug/L	98
58) chlorobenzene	13.18	112	532303	50.57	ug/L	93
59) 1,1,1,2-tetrachloroethane	13.36	131	159865	50.67	ug/L	96
60) ethylbenzene	13.35	91	1182011	51.89	ug/L	98
61) m,p-xylene	13.57	106	782841	103.50	ug/L	99
62) o-xylene	14.26	106	342562	52.27	ug/L	92
63) styrene	14.31	104	626574	53.11	ug/L	97
64) bromoform	14.63	173	69137	53.66	ug/L	99
67) isopropylbenzene	14.89	105	1010783	51.47	ug/L	99
68) bromobenzene	15.44	156	174552	50.38	ug/L	94
69) 1,1,2,2-tetrachloroethane	15.58	83	194521m	47.01	ug/L	99
70) 1,2,3-trichloropropane	15.63	75	149127m	47.23	ug/L	96

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

Data File : C:\HPCHEM\1\DATA\062005\G8430.D
Acq On : 20 Jun 05 14:39
Sample : lcs062005
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:42 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062005\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Mon Jun 20 12:56:27 2005
Response via : Initial Calibration
DataAcq Meth : 8260BW

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) n-propylbenzene	15.62	91	1475952	50.60	ug/L	99
72) 2-chlorotoluene	15.78	91	745782	52.13	ug/L	97
73) 4-chlorotoluene	15.99	91	901400	50.67	ug/L	98
74) 1,3,5-trimethylbenzene	15.97	105	794076	50.86	ug/L	100
75) tert-butylbenzene	16.50	91	496583	50.86	ug/L	97
76) 1,2,4-trimethylbenzene	16.63	105	773262	50.91	ug/L	100
77) sec-butylbenzene	16.90	105	1137138	52.03	ug/L	98
78) 1,3-dichlorobenzene	17.12	146	378450	50.82	ug/L	99
79) 4-isopropyltoluene	17.18	119	803968	48.71	ug/L	98
80) 1,4-dichlorobenzene	17.31	146	388164	50.09	ug/L	99
81) 1,2-dichlorobenzene	17.96	146	340908	50.11	ug/L	96
82) n-butylbenzene	17.93	91	1065260	51.26	ug/L	97
83) 1,2-dibromo-3-chloropropan	19.42	75	21557	46.71	ug/L	82
84) 1,2,4-trichlorobenzene	20.88	180	180094	53.12	ug/L	100
85) hexachlorobutadiene	21.13	225	85143	51.60	ug/L	98
86) naphthalene	21.30	128	350774	50.38	ug/L	100
87) 1,2,3-trichlorobenzene	21.76	180	150484	50.66	ug/L	97

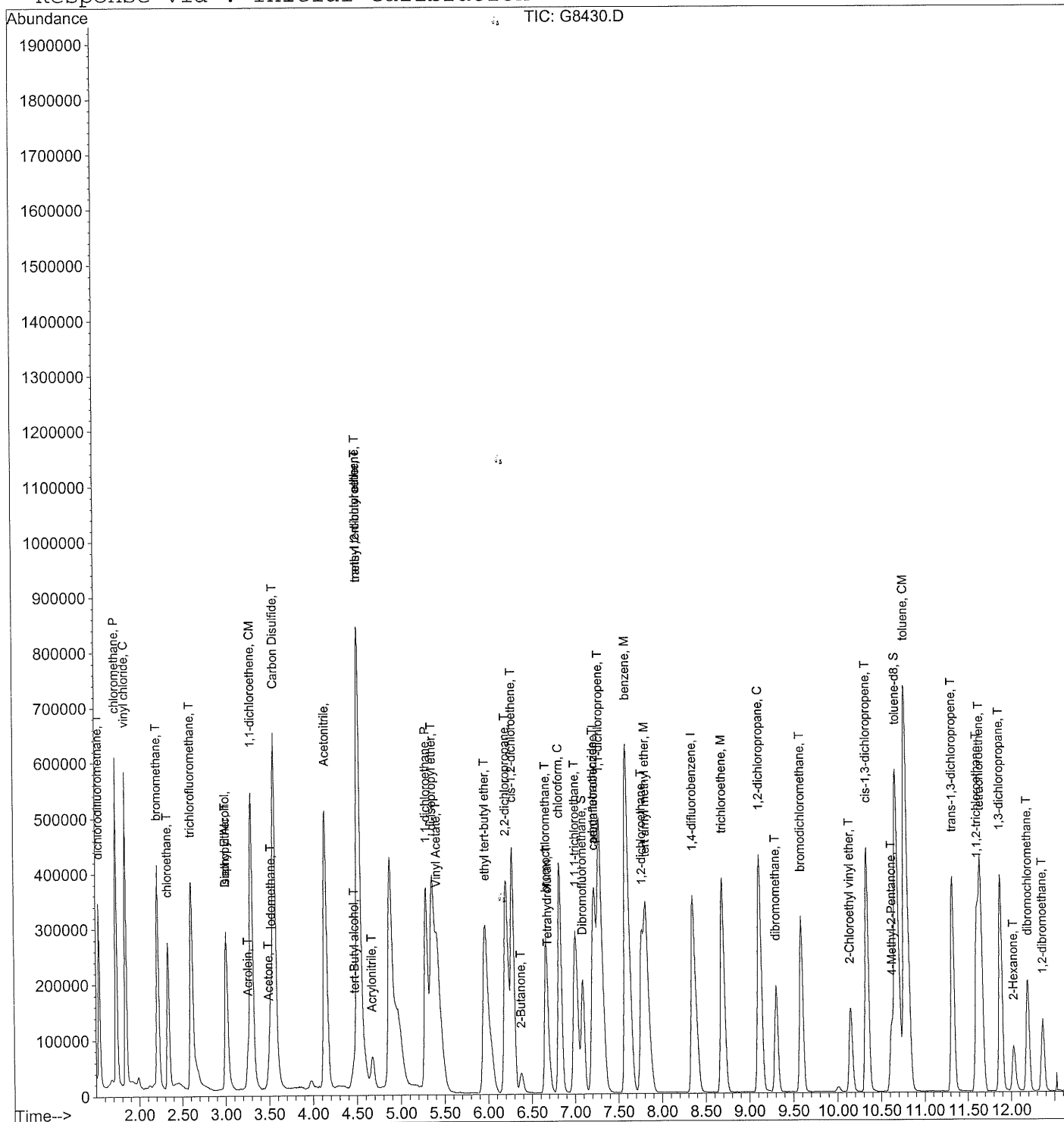
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062005\G8430.D
Acq On : 20 Jun 05 14:39
Sample : lcs062005
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:42 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

```
Method       : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title        : SW-846 Method 8260B
Last Update   : Fri Aug 26 18:37:34 2005
Response via  : Initial Calibration
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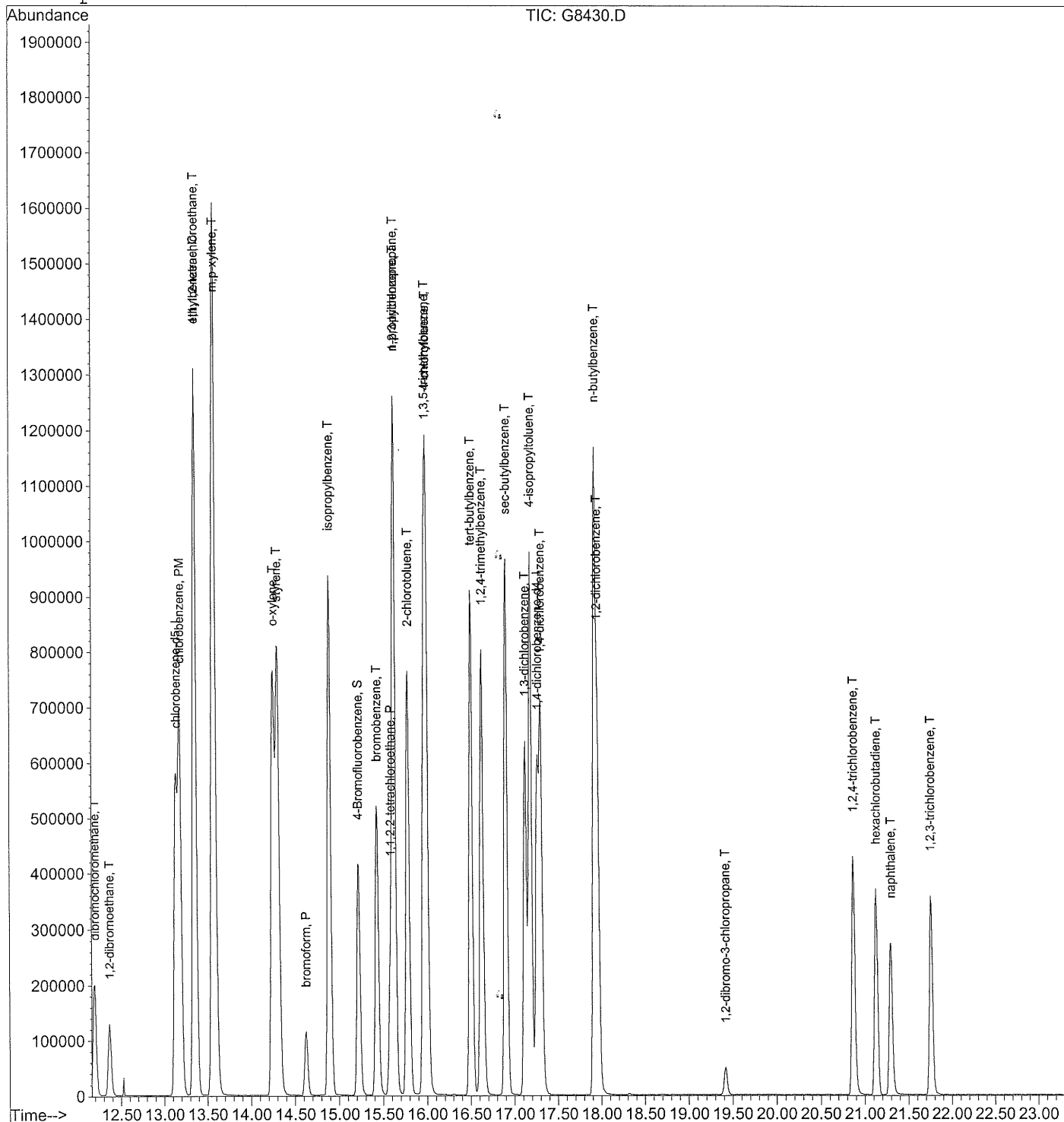
Quantitation Report

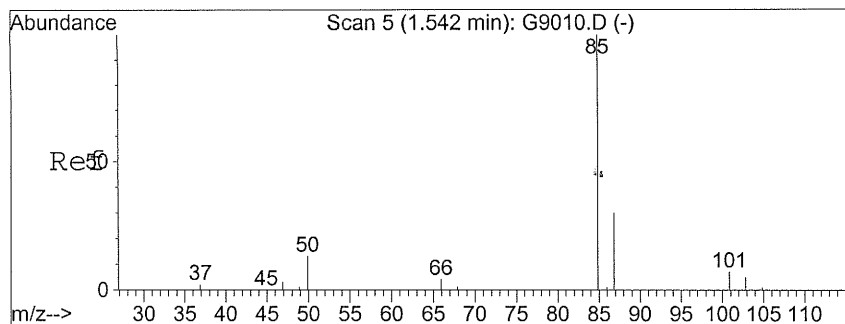
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Acq On : 20 Jun 05 14:39
Sample : lcs062005
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:42 19105

Vial: 3
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

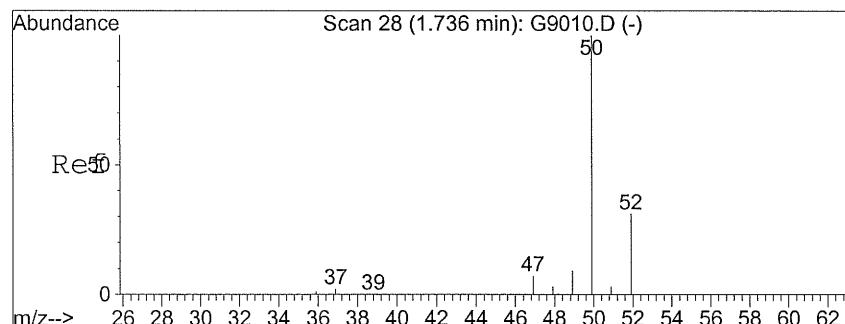
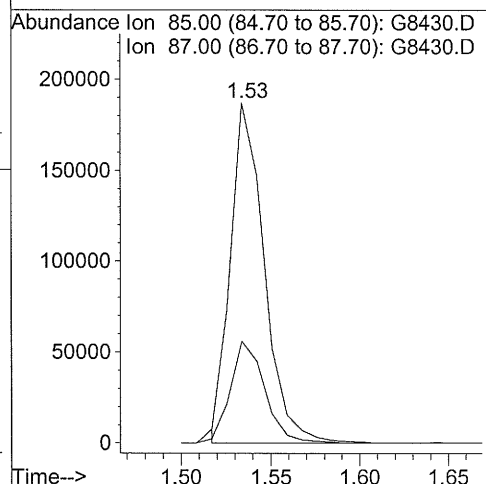
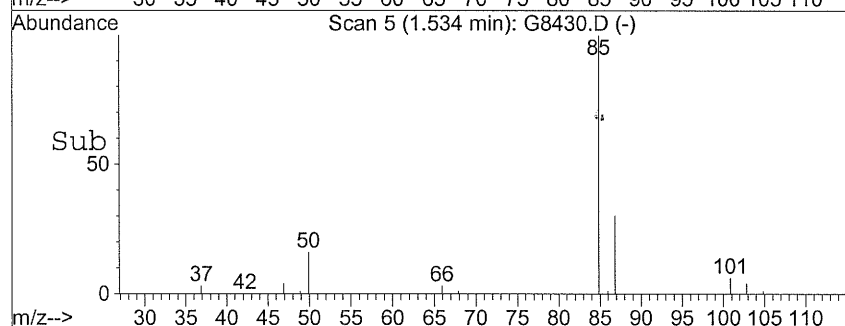
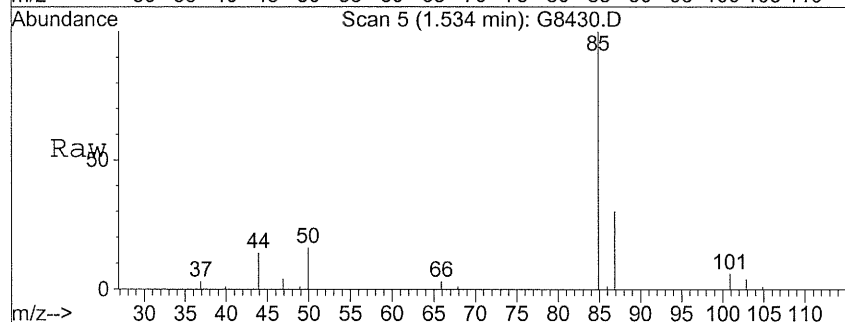
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Method       : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title        : SW-846 Method 8260B
Last Update   : Fri Aug 26 18:37:34 2005
Response via  : Initial Calibration
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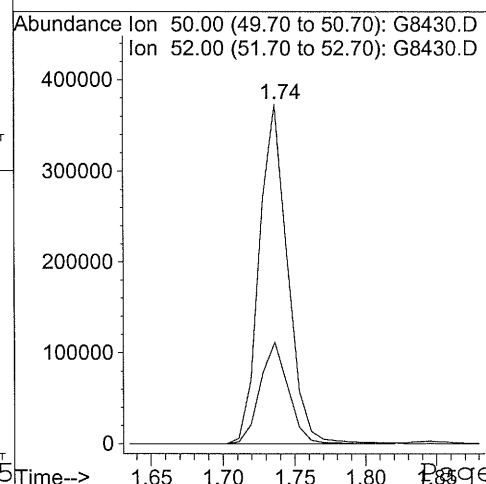
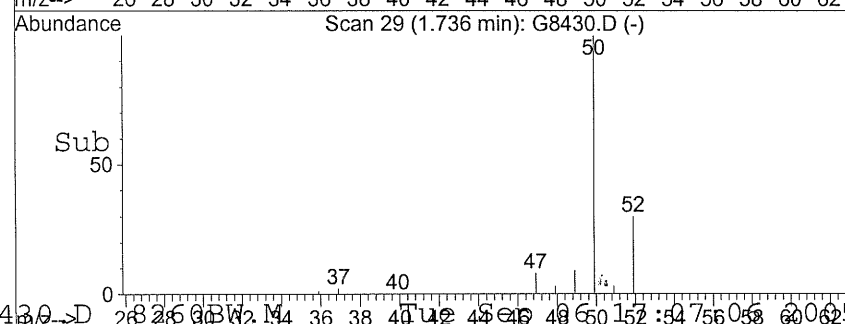
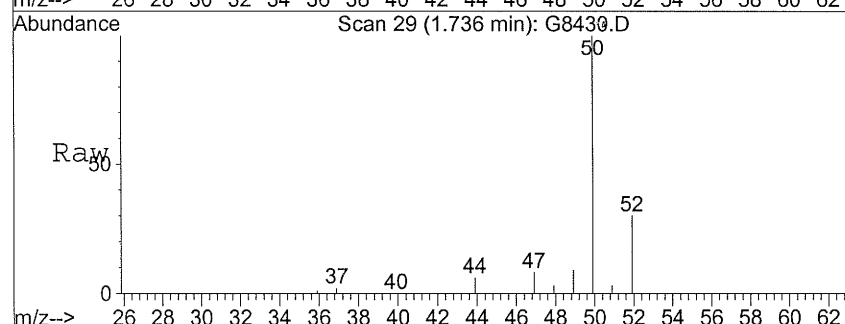
#2
dichlorodifluoromethane
Concen: 46.50 ug/L
RT: 1.53 min Scan# 5
Delta R.T. -0.02 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

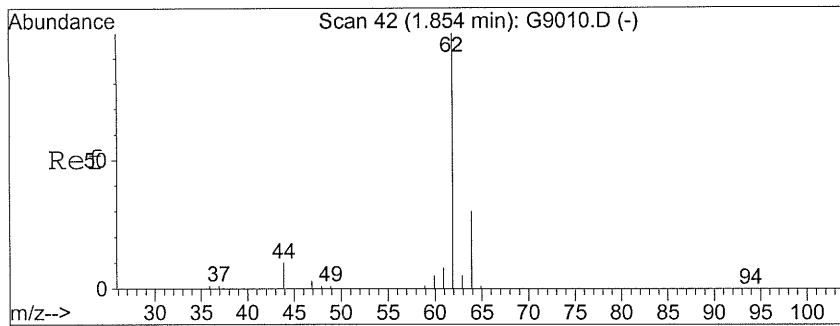
Tgt Ion: 85 Resp: 246899
Ion Ratio Lower Upper
85 100
87 29.9 10.3 50.3



#3
chloromethane
Concen: 48.38 ug/L
RT: 1.74 min Scan# 29
Delta R.T. -0.02 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

Tgt Ion: 50 Resp: 514226
Ion Ratio Lower Upper
50 100
52 29.9 9.4 49.4





#4

vinyl chloride

Concen: 48.40 ug/L

RT: 1.85 min Scan# 42

Delta R.T. -0.03 min

Lab File: G8430.D

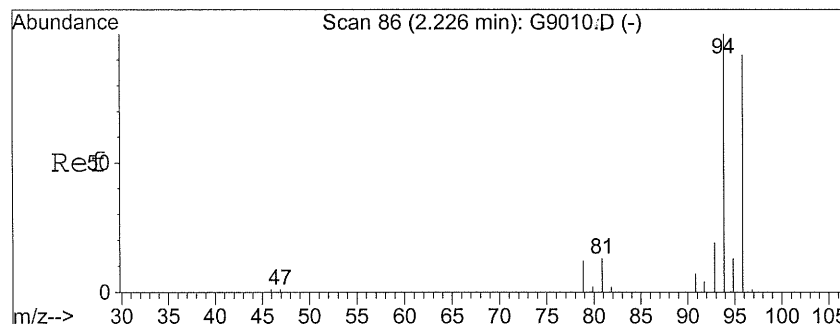
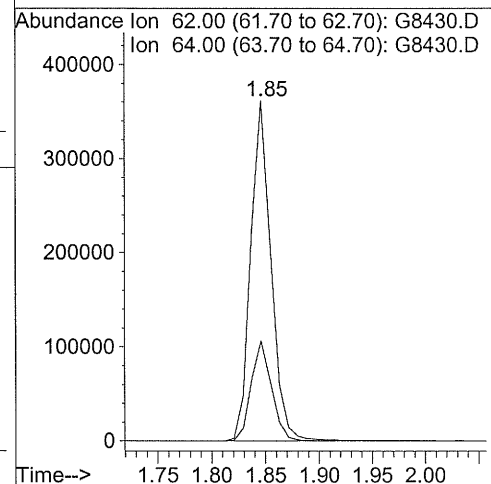
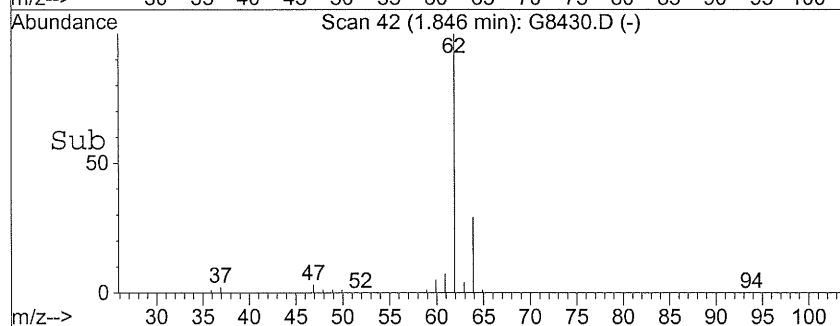
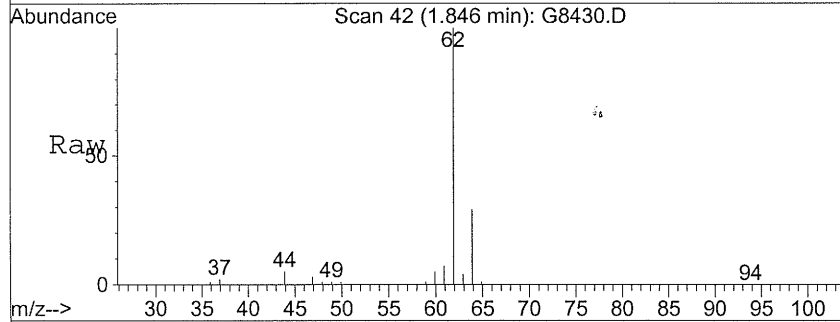
Acq: 20 Jun 05 14:39

Tgt Ion: 62 Resp: 478743

Ion Ratio Lower Upper

62 100

64 29.4 9.7 49.7



#5

bromomethane

Concen: 66.46 ug/L

RT: 2.22 min Scan# 86

Delta R.T. -0.02 min

Lab File: G8430.D

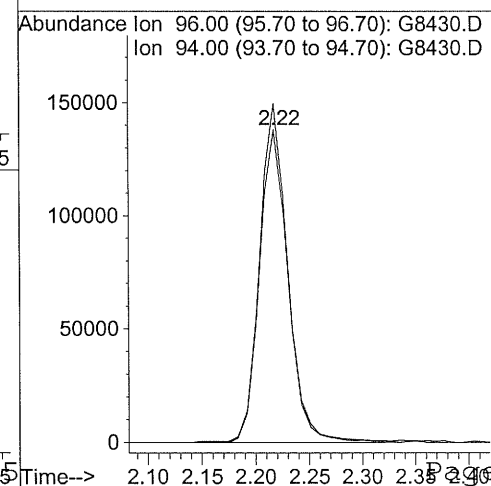
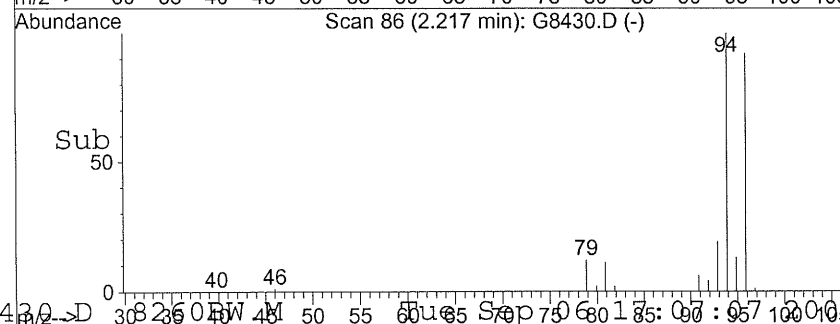
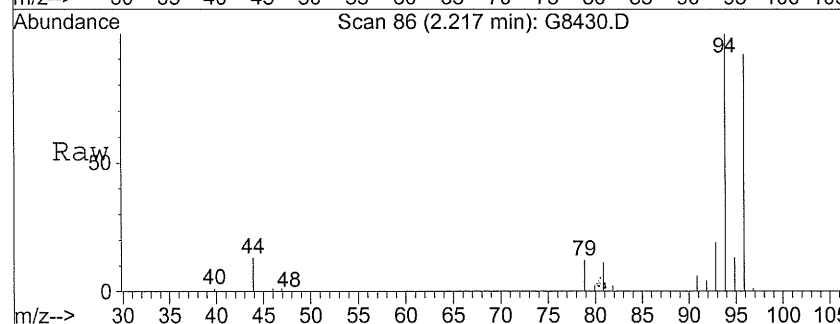
Acq: 20 Jun 05 14:39

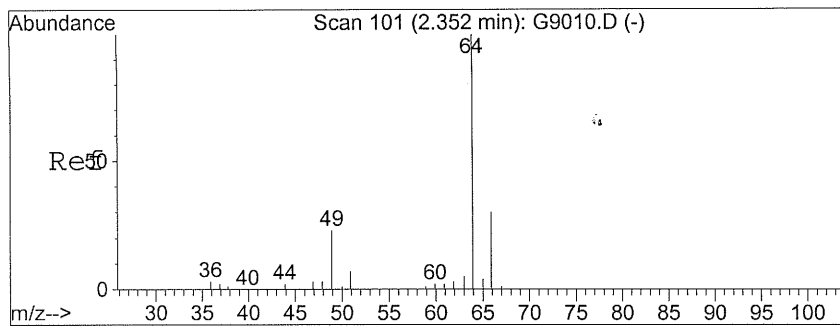
Tgt Ion: 96 Resp: 254244

Ion Ratio Lower Upper

96 100

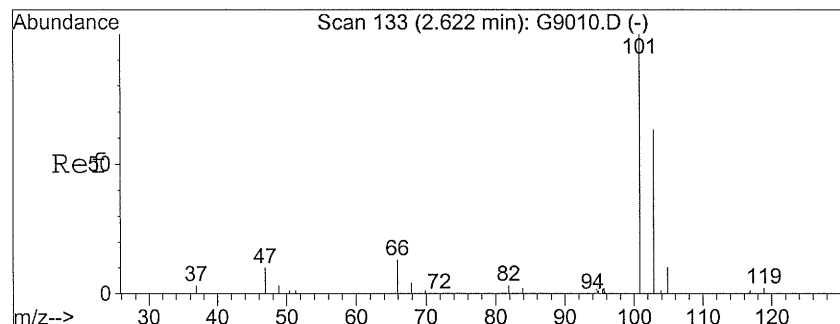
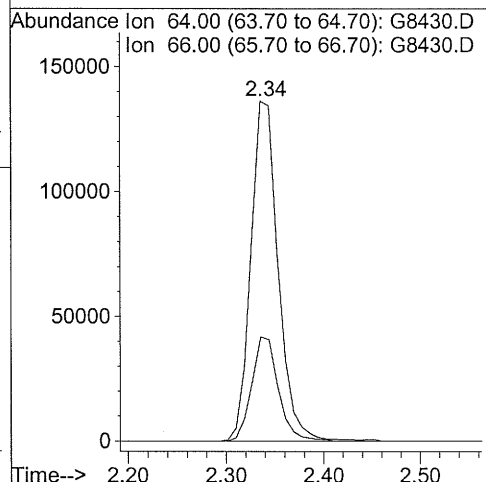
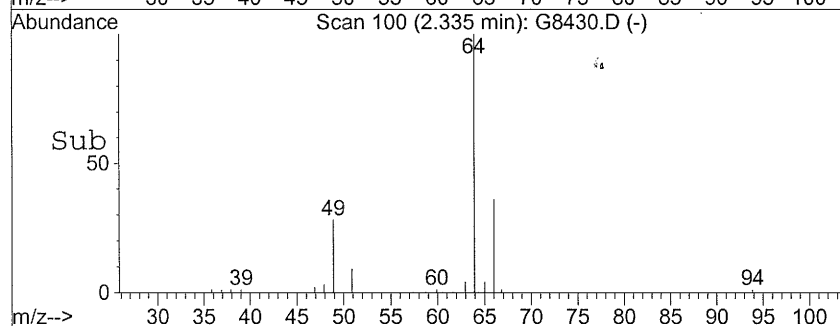
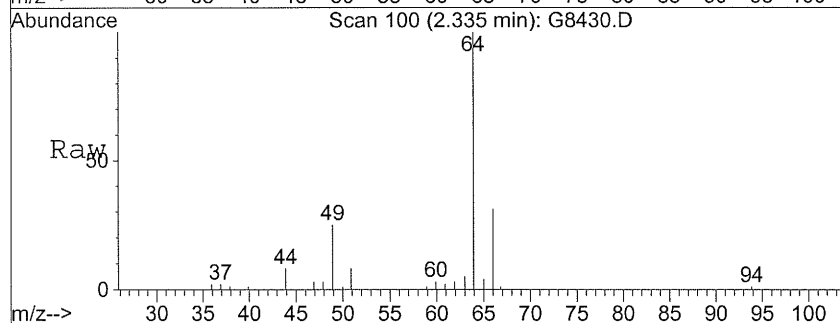
94 108.0 83.5 123.5





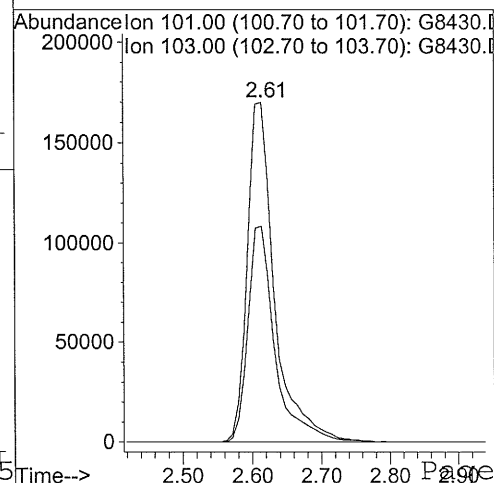
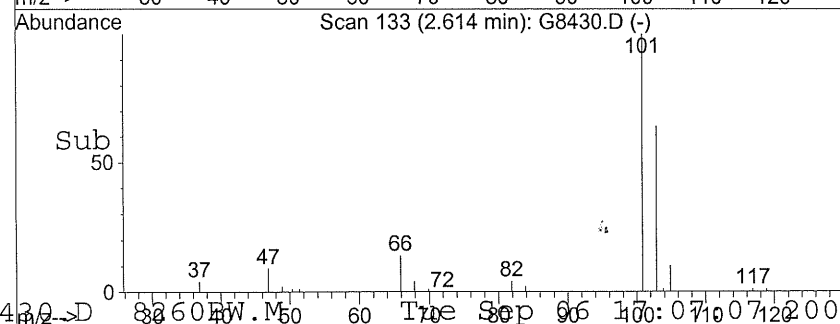
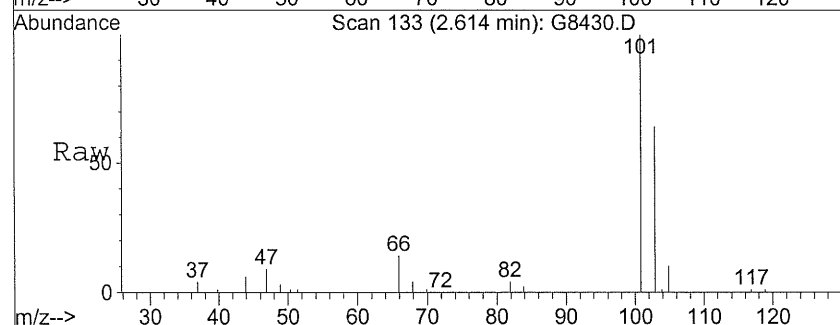
#6
 chloroethane
 Concen: 48.85 ug/L
 RT: 2.34 min Scan# 100
 Delta R.T. -0.03 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

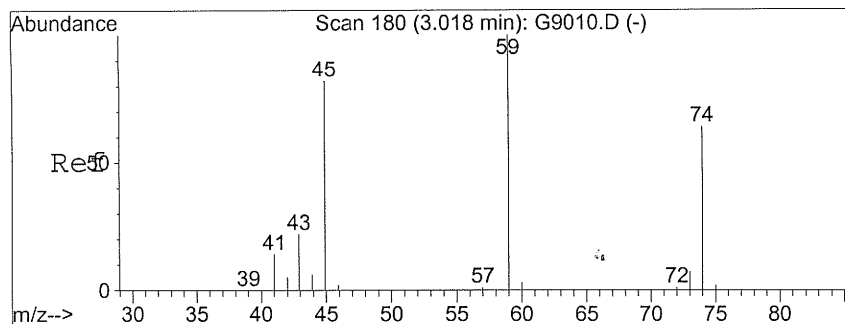
Tgt Ion: 64 Resp: 266116
 Ion Ratio Lower Upper
 64 100
 66 30.7 8.9 48.9



#7
 trichlorofluoromethane
 Concen: 48.80 ug/L
 RT: 2.61 min Scan# 133
 Delta R.T. -0.03 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

Tgt Ion: 101 Resp: 465489
 Ion Ratio Lower Upper
 101 100
 103 63.8 42.0 82.0





#8

Diethyl Ether

Concen: 44.30 ug/L

RT: 3.01 min Scan# 180

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

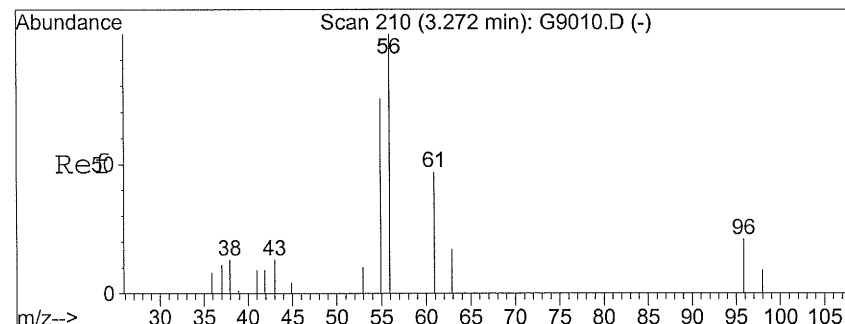
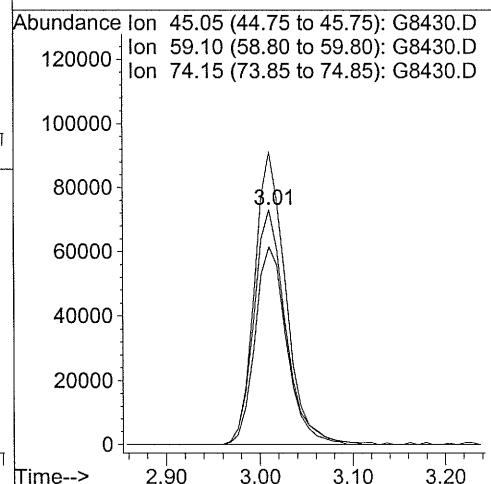
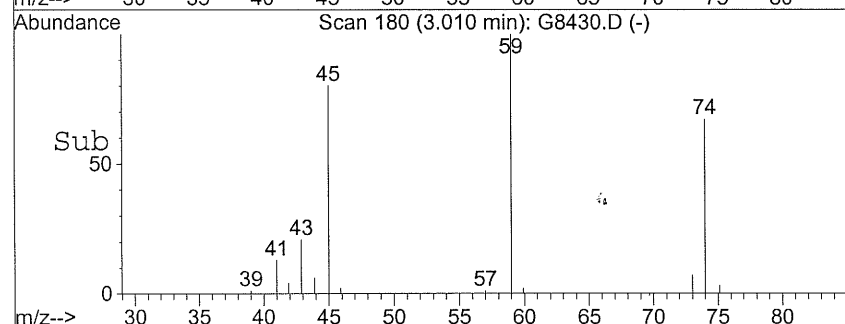
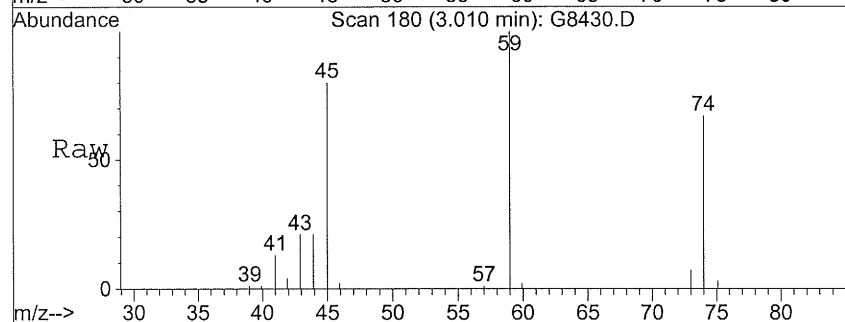
Tgt Ion: 45 Resp: 174999

Ion Ratio Lower Upper

45 100

59 124.7 103.3 143.3

74 84.0 64.7 104.7



#9

Acrolein

Concen: 202.49 ug/L

RT: 3.25 min Scan# 209

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

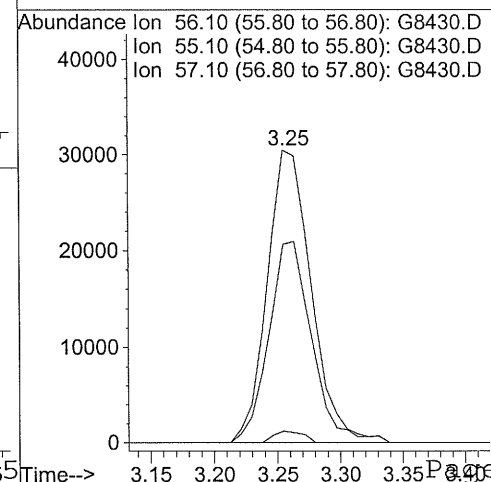
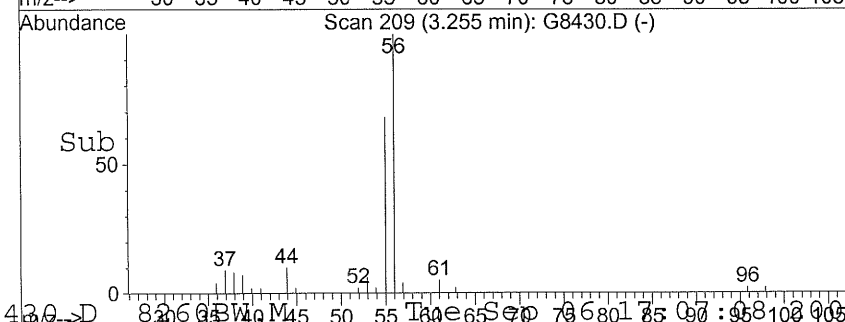
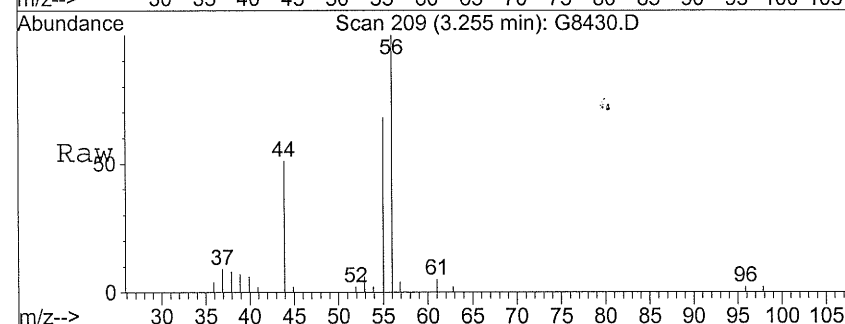
Tgt Ion: 56 Resp: 74350

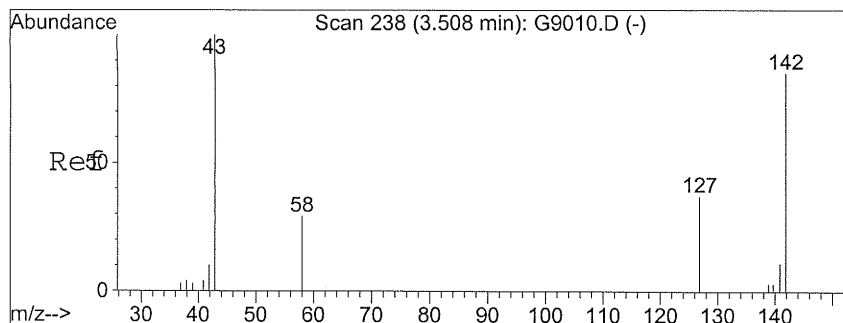
Ion Ratio Lower Upper

56 100

55 67.8 46.1 86.1

57 3.9 0.0 23.8





#10

Acetone

Concen: 45.61 ug/L

RT: 3.49 min Scan# 237

Delta R.T. -0.04 min

Lab File: G8430.D

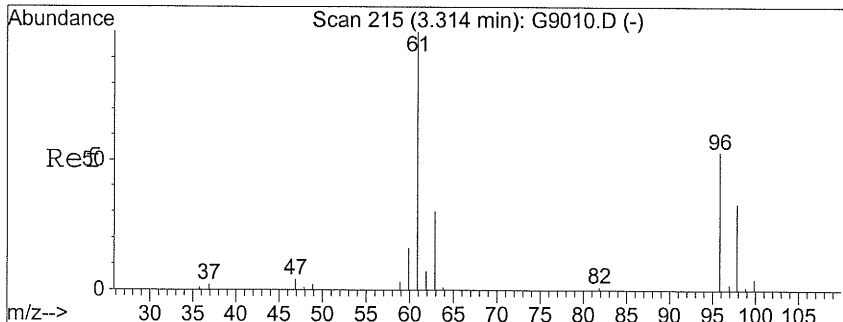
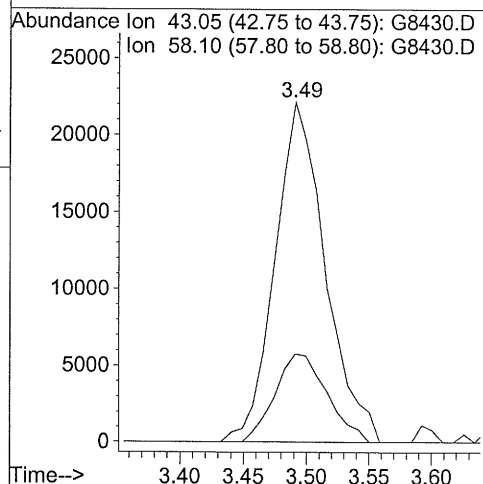
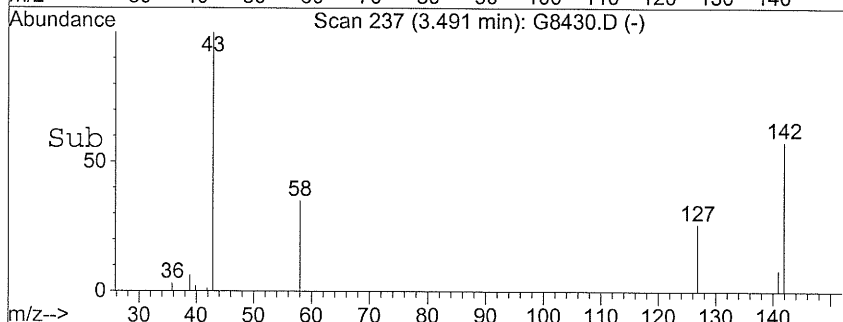
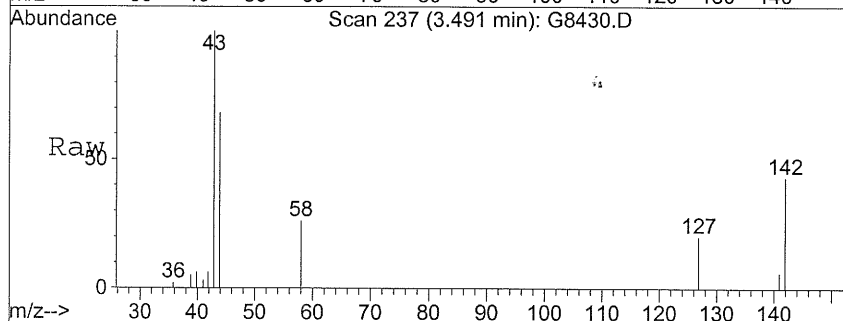
Acq: 20 Jun 05 14:39

Tgt Ion: 43 Resp: 61799

Ion Ratio Lower Upper

43 100

58 26.1 7.2 47.2



#11

1,1-dichloroethene

Concen: 48.81 ug/L

RT: 3.31 min Scan# 215

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

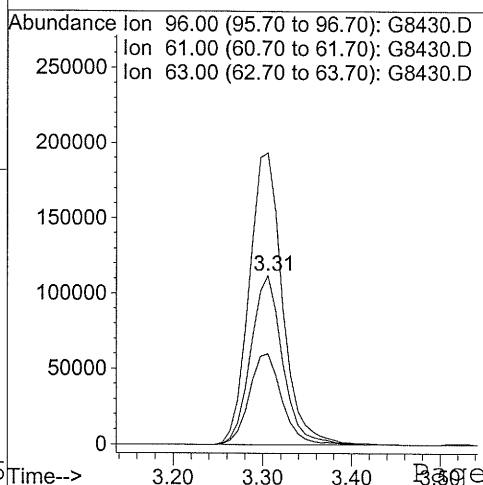
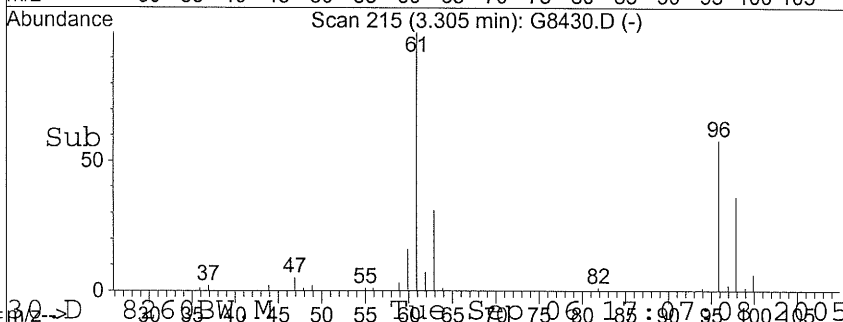
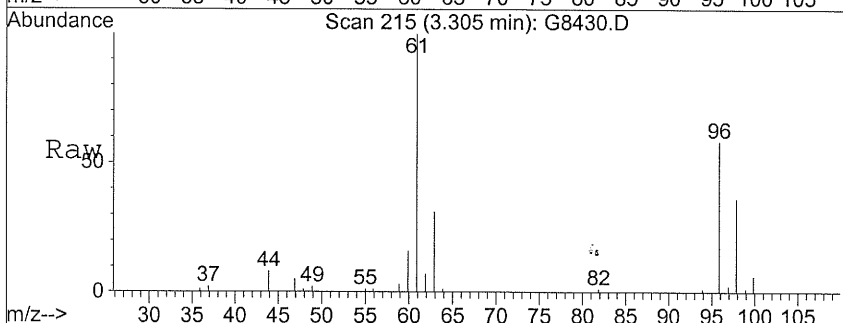
Tgt Ion: 96 Resp: 277396

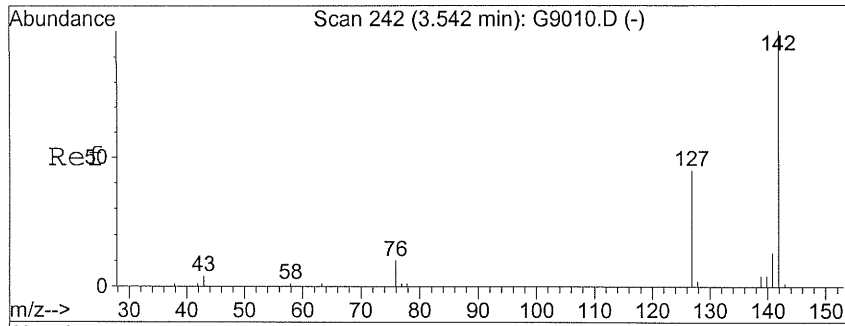
Ion Ratio Lower Upper

96 100

61 172.6 144.1 204.1

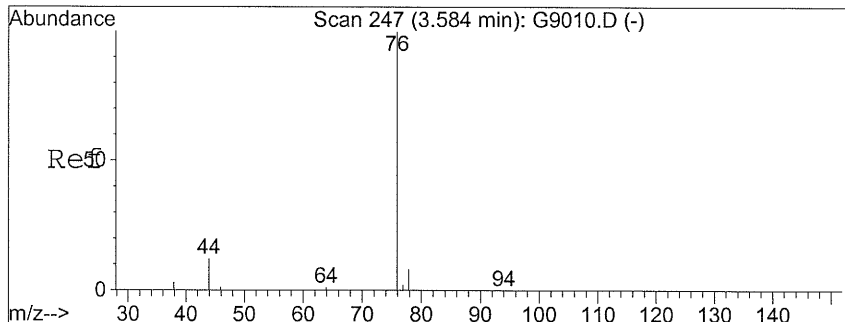
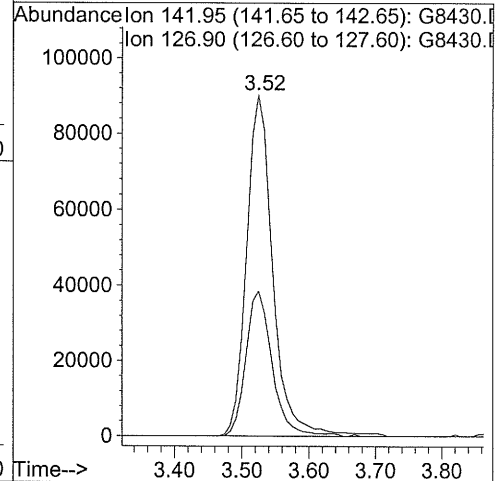
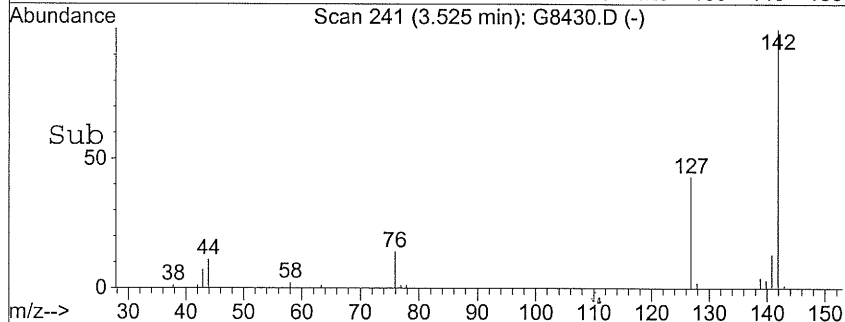
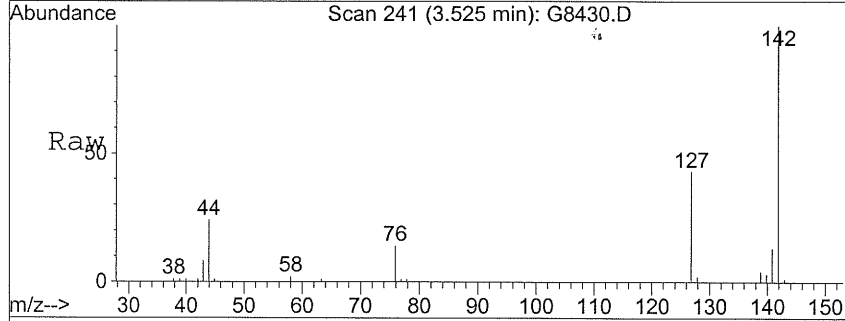
63 53.5 32.7 72.7





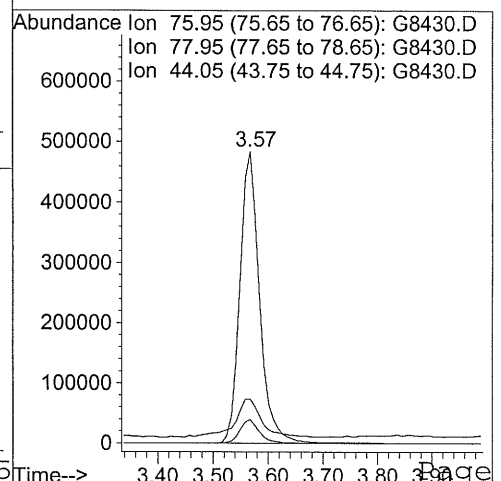
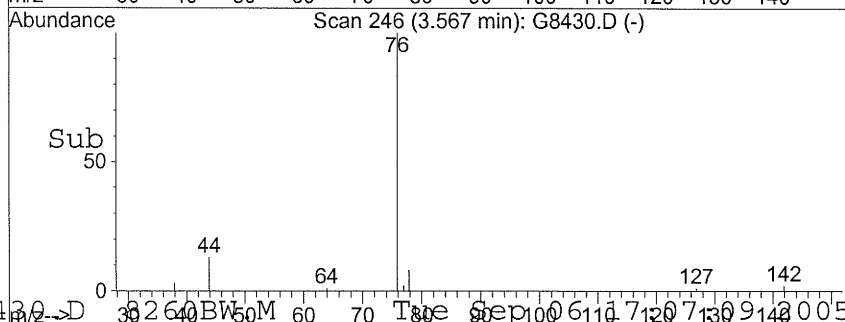
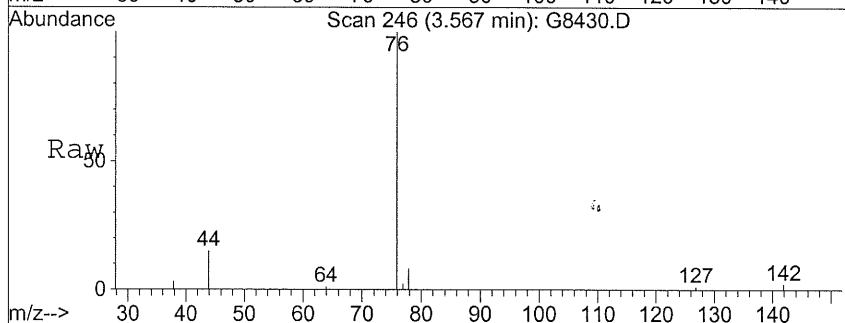
#12
Iodomethane
Concen: 45.63 ug/L
RT: 3.52 min Scan# 241
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

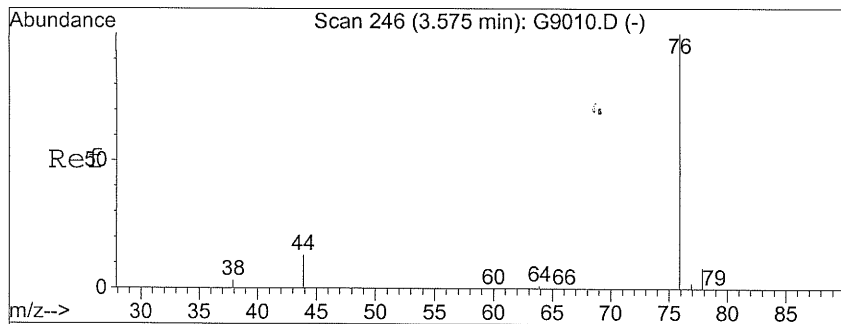
Tgt Ion:142 Resp: 245817
Ion Ratio Lower Upper
142 100
127 42.7 22.8 62.8



#14
Carbon Disulfide
Concen: 52.92 ug/L
RT: 3.57 min Scan# 246
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

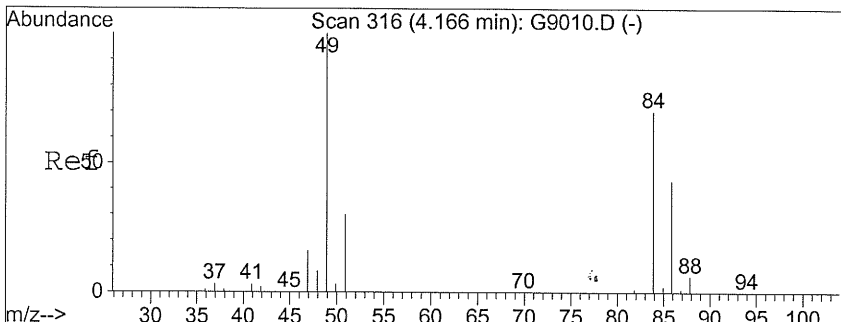
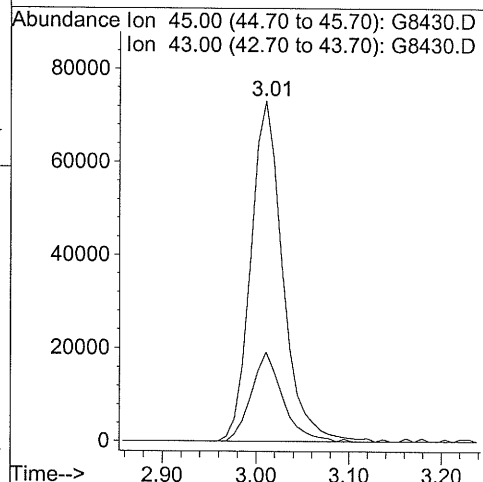
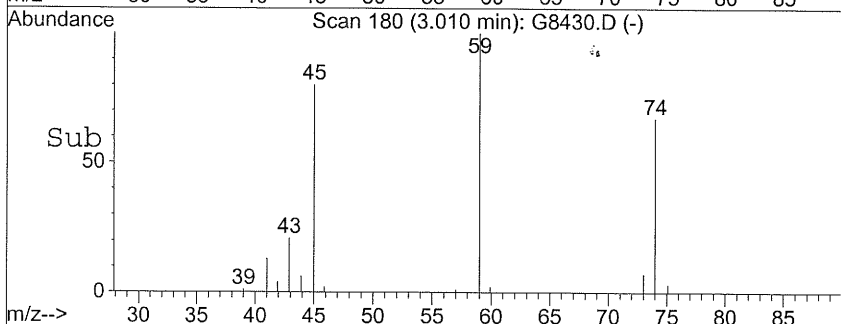
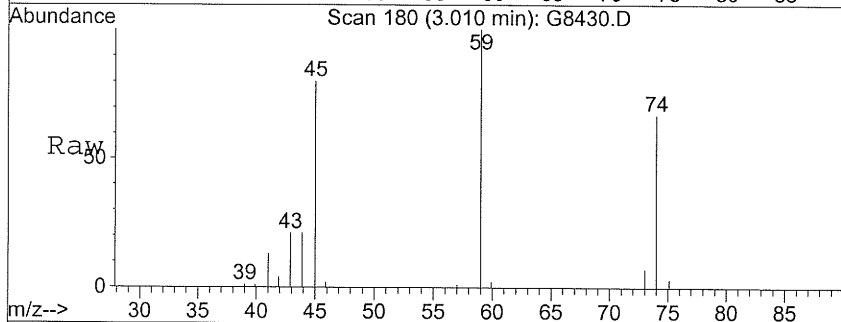
Tgt Ion: 76 Resp: 1200010
Ion Ratio Lower Upper
76 100
78 8.2 0.0 27.9
44 12.5 0.0 35.1





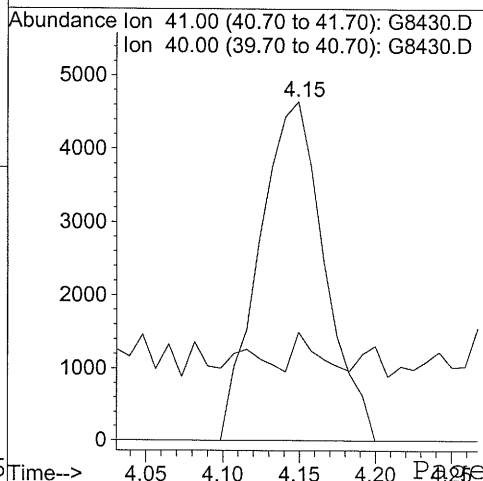
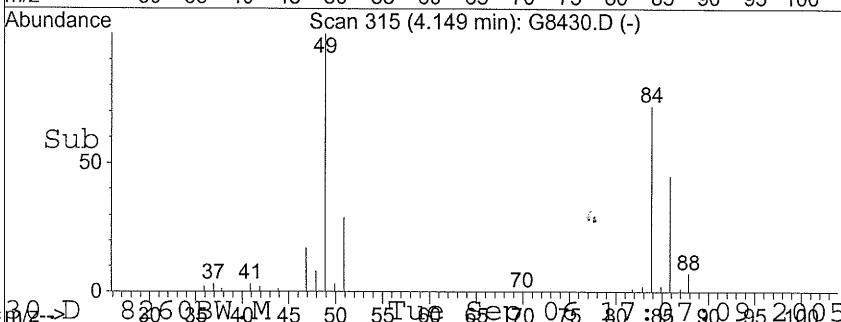
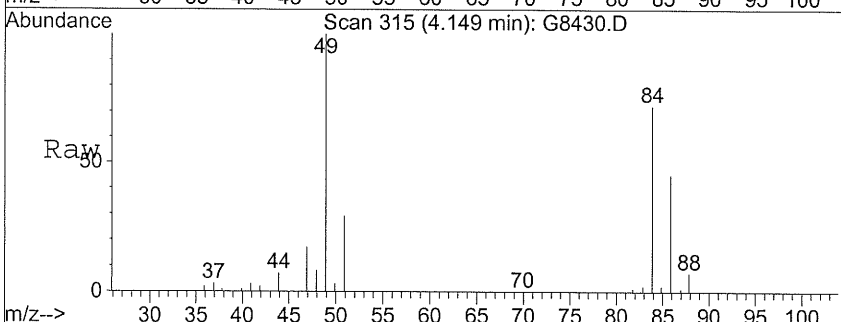
#15
Isopropyl Alcohol
Concen: 461.44 ug/L
RT: 3.01 min Scan# 180
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

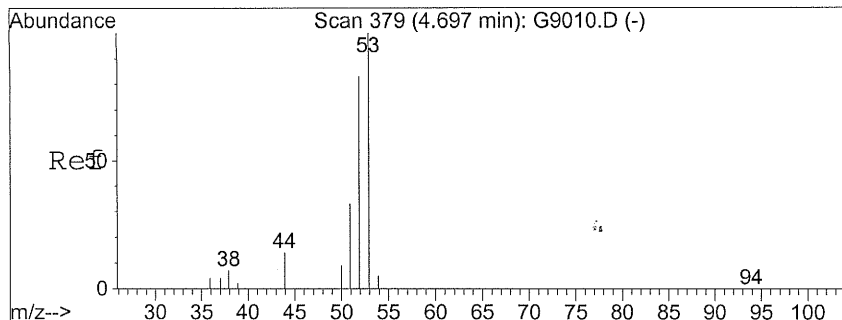
Tgt Ion: 45 Resp: 174999
Ion Ratio Lower Upper
45 100
43 26.0 20.5 30.7



#16
Acetonitrile
Concen: 48.87 ug/L
RT: 4.15 min Scan# 315
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

Tgt Ion: 41 Resp: 13861
Ion Ratio Lower Upper
41 100
40 4.0 0.0 24.3





#17

Acrylonitrile

Concen: 50.18 ug/L

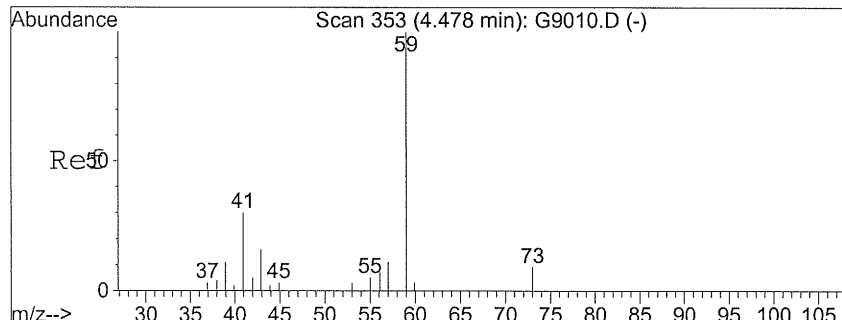
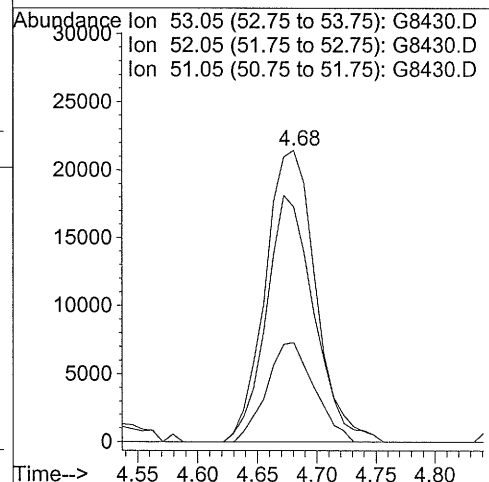
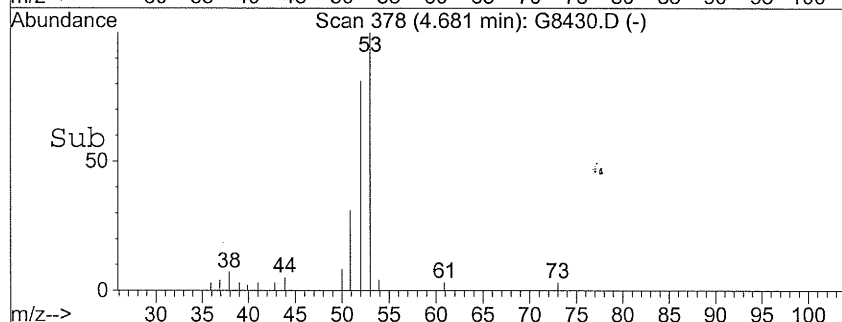
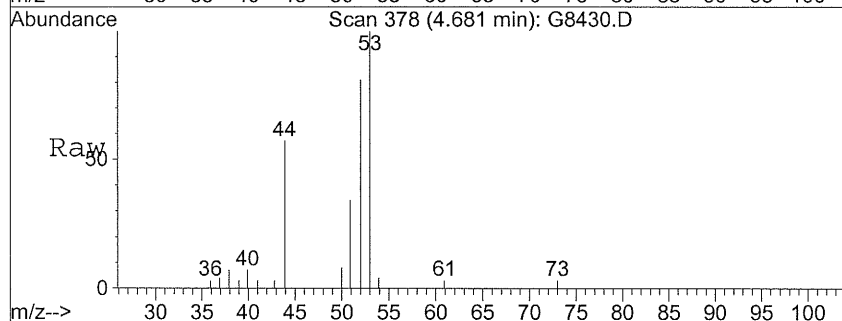
RT: 4.68 min Scan# 378

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

Tgt Ion:	53	Resp:	63192
Ion Ratio	Lower	Upper	
53	100		
52	80.6	61.1	101.1
51	34.0	15.6	55.6



#18

tert-Butyl alcohol

Concen: 392.15 ug/L

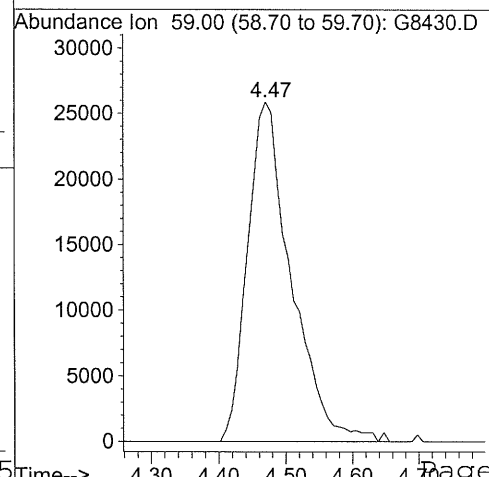
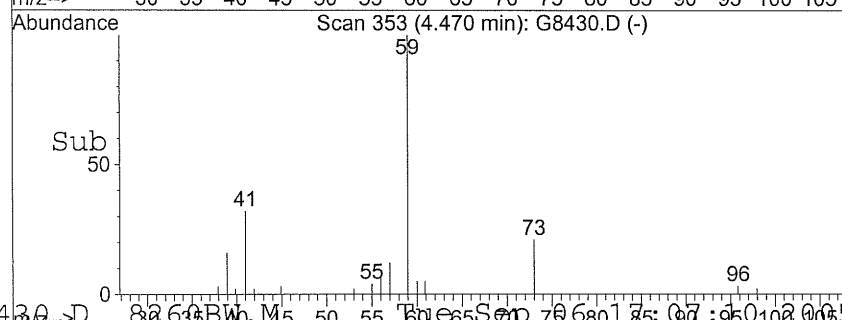
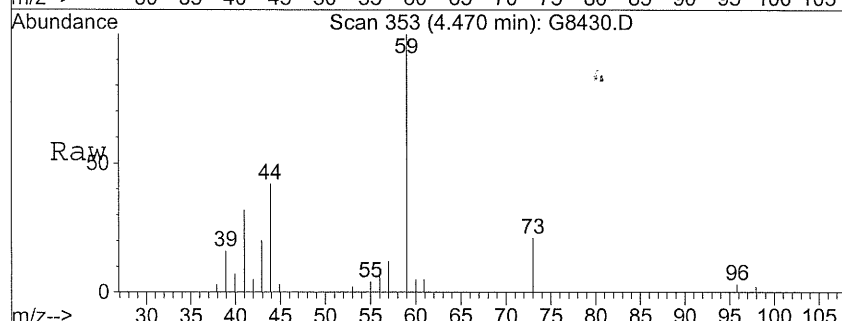
RT: 4.47 min Scan# 353

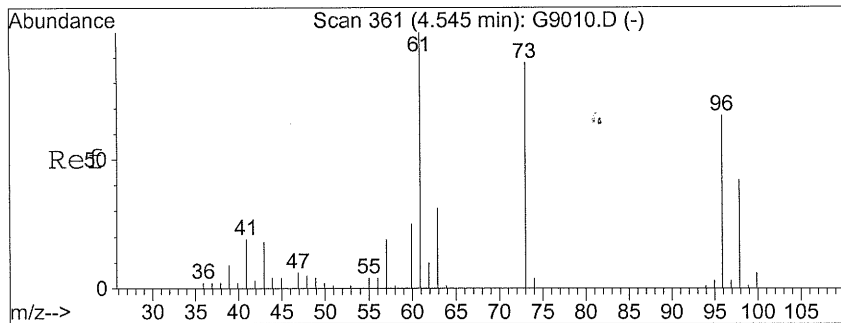
Delta R.T. -0.03 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

Tgt Ion: 59 Resp: 117173





#19

methyl tert-butyl ether

Concen: 51.11 ug/L

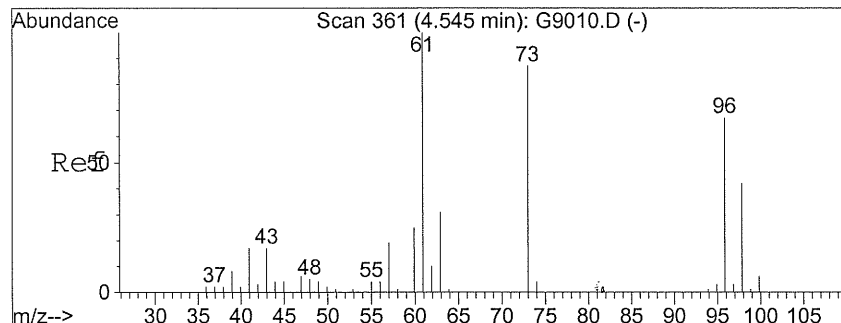
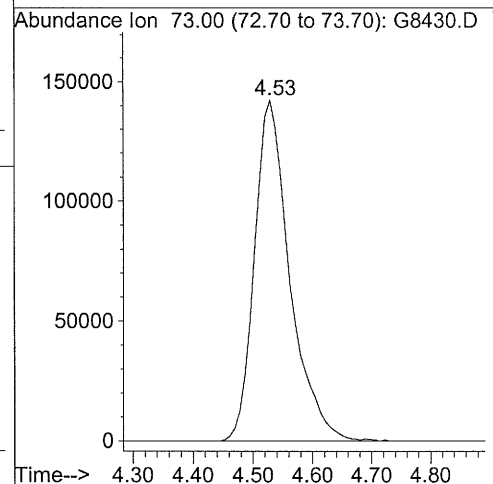
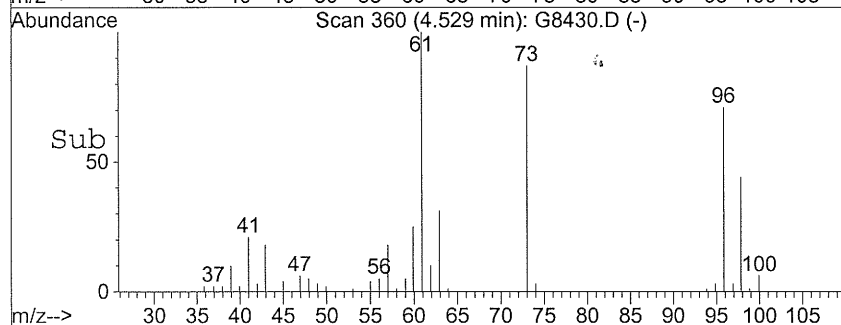
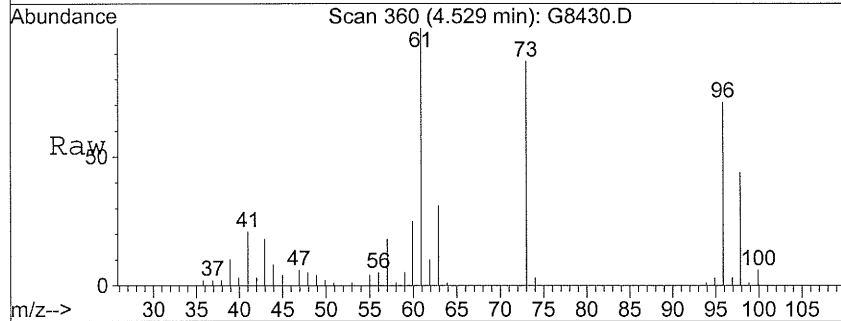
RT: 4.53 min Scan# 360

Delta R.T. -0.06 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

Tgt Ion: 73 Resp: 586575



#20

trans-1,2-dichloroethene

Concen: 60.21 ug/L m

RT: 4.53 min Scan# 360

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

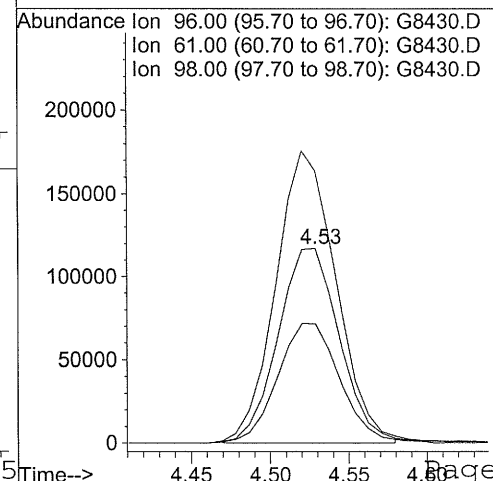
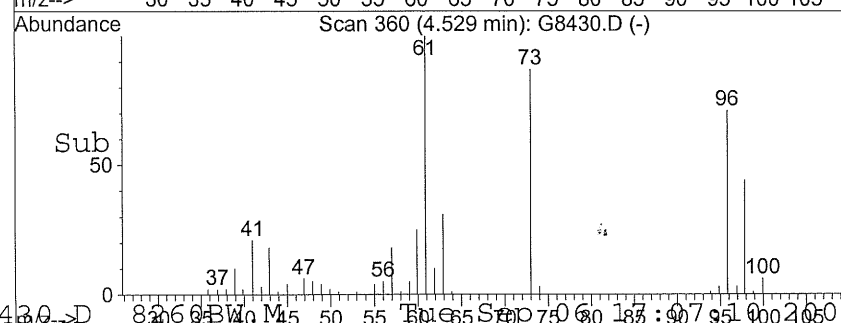
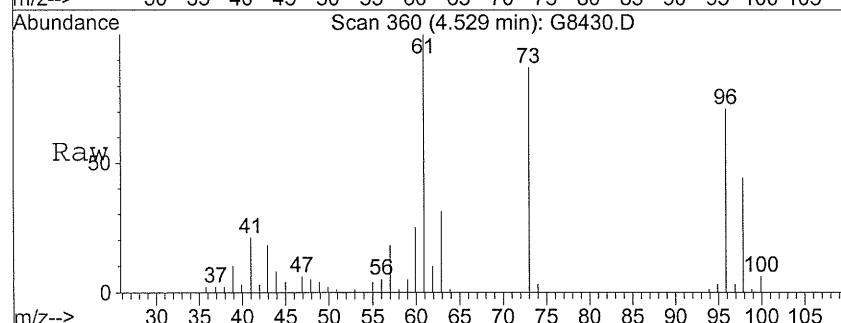
Tgt Ion: 96 Resp: 316542

Ion Ratio Lower Upper

96 100

61 140.2 158.0 198.0#

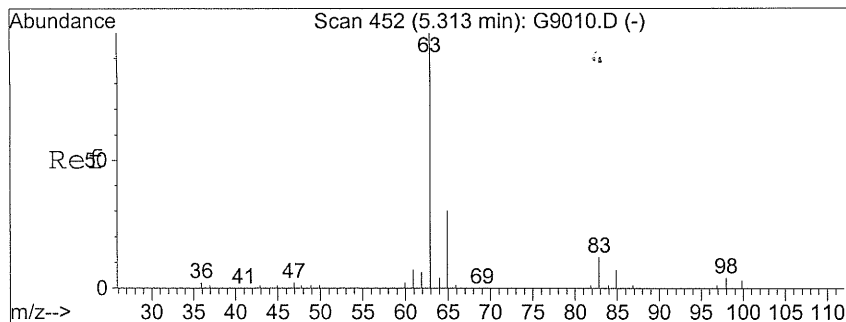
98 61.1 39.7 79.7



G8430.D 820 63 40 45 50 55 60 65 70 75 80 85 90 95 100 105

14

000227



#22

1,1-dichloroethane

Concen: 53.20 ug/L

RT: 5.30 min Scan# 451

Delta R.T. -0.06 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

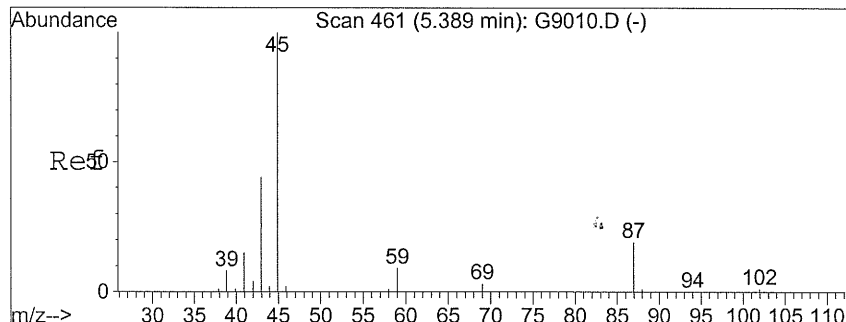
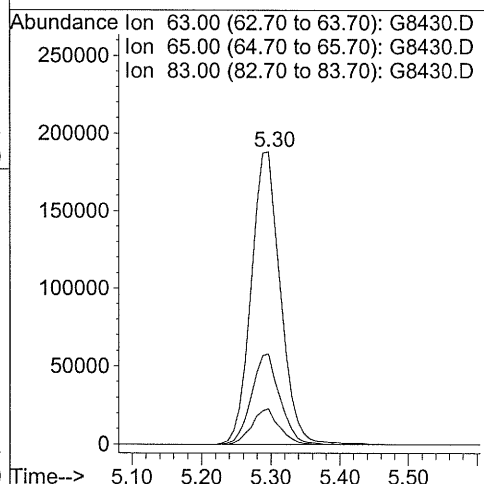
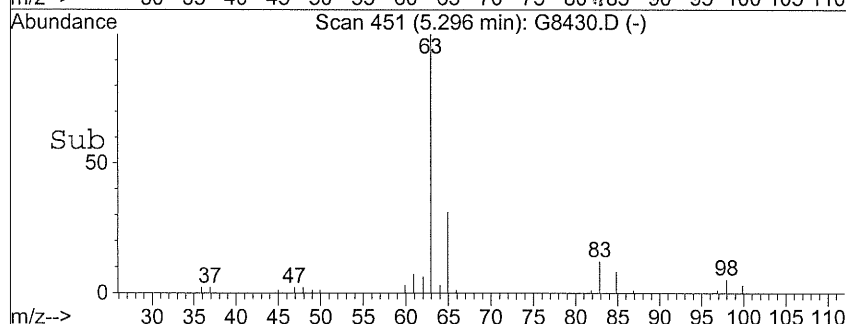
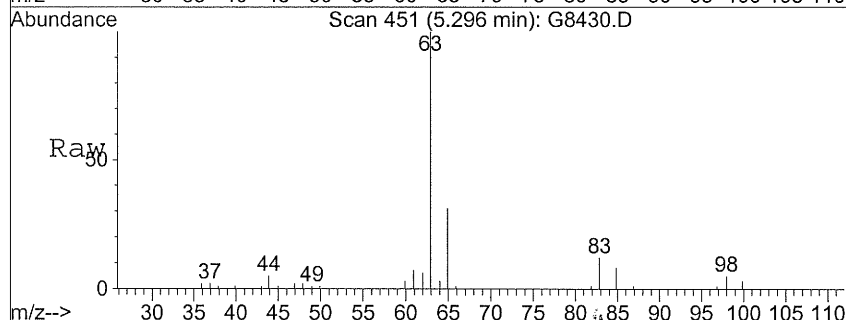
Tgt Ion: 63 Resp: 549884

Ion Ratio Lower Upper

63 100

65 30.8 9.0 49.0

83 12.2 0.0 30.7



#23

di-isopropyl ether

Concen: 47.96 ug/L m

RT: 5.36 min Scan# 459

Delta R.T. -0.08 min

Lab File: G8430.D

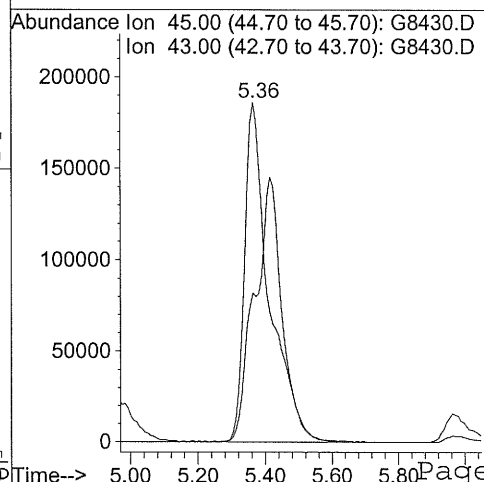
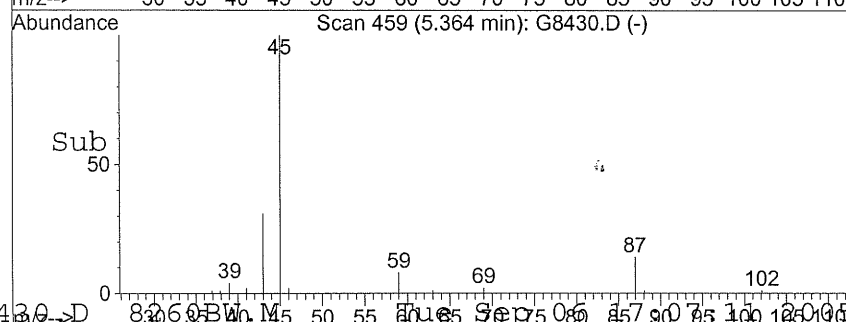
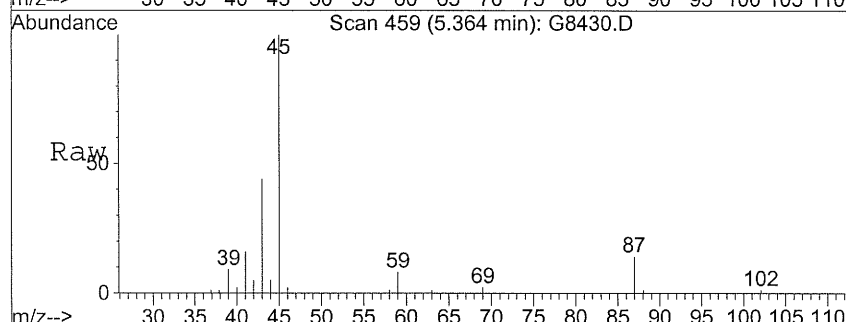
Acq: 20 Jun 05 14:39

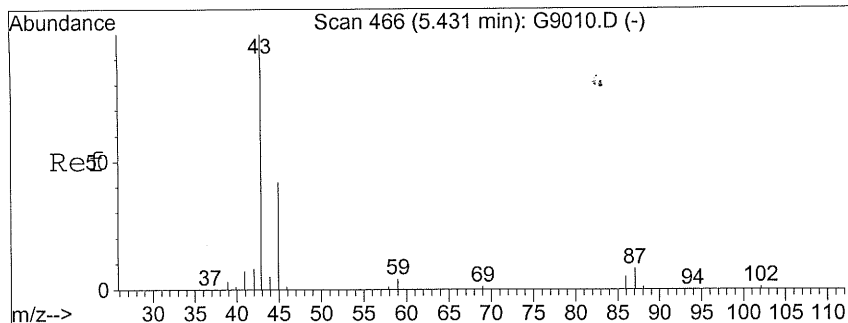
Tgt Ion: 45 Resp: 947257

Ion Ratio Lower Upper

45 100

43 44.0 53.2 93.2#





#24

Vinyl Acetate

Concen: 47.21 ug/L m

RT: 5.41 min Scan# 465

Delta R.T. -0.06 min

Lab File: G8430.D

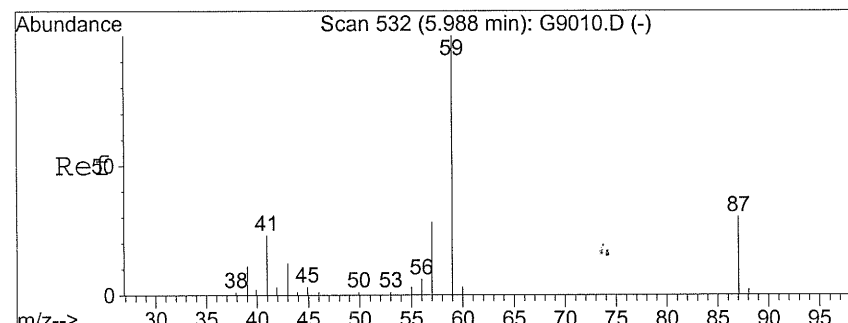
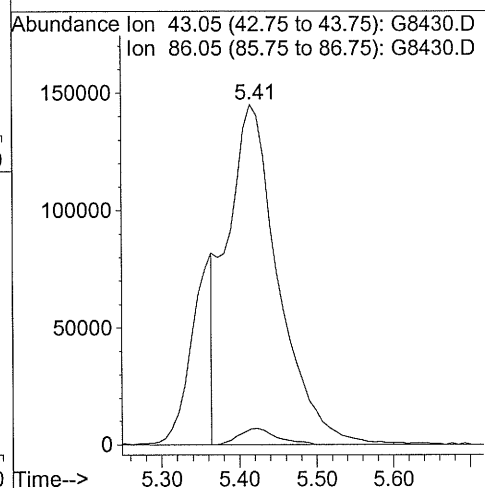
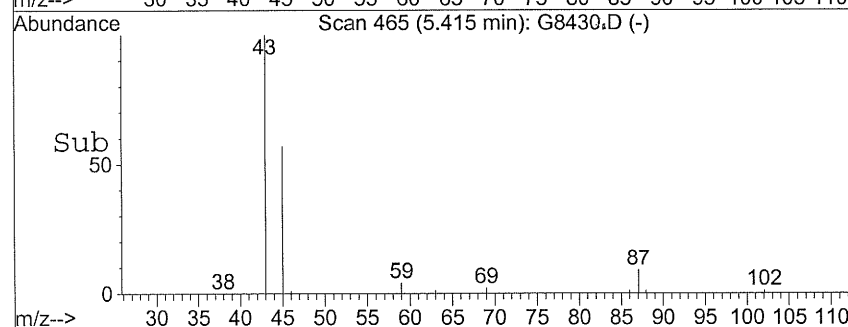
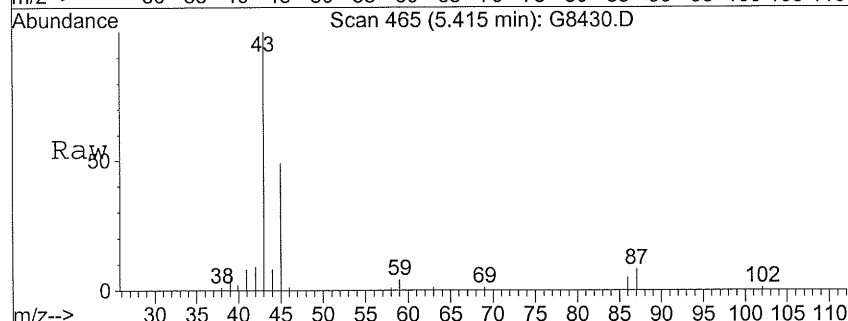
Acq: 20 Jun 05 14:39

Tgt Ion: 43 Resp: 665483

Ion Ratio Lower Upper

43 100

86 4.7 0.0 23.8



#25

ethyl tert-butyl ether

Concen: 48.49 ug/L

RT: 5.97 min Scan# 531

Delta R.T. -0.08 min

Lab File: G8430.D

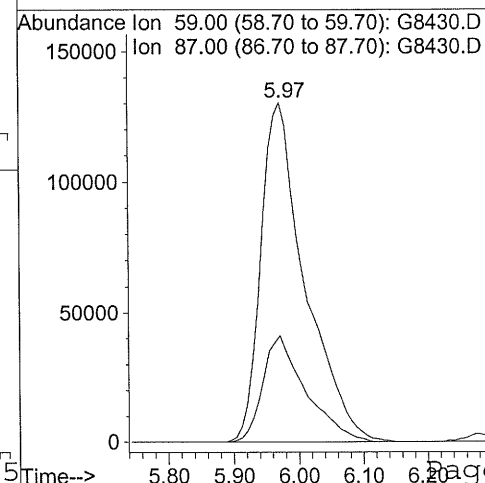
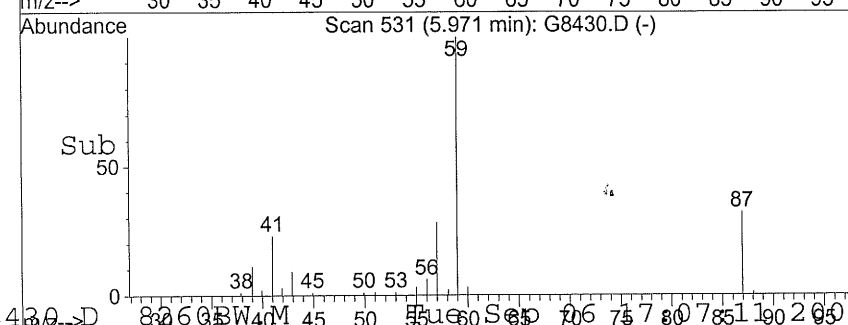
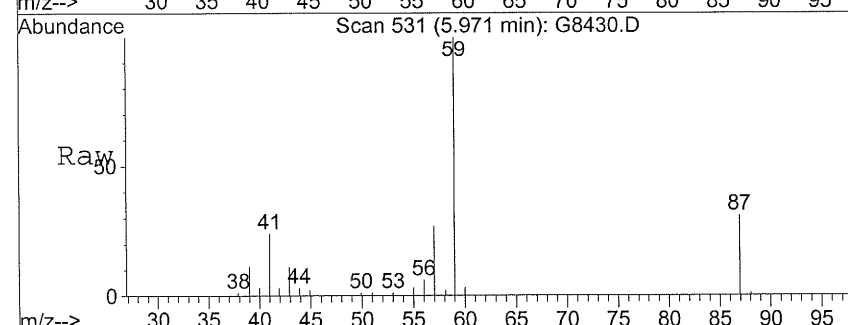
Acq: 20 Jun 05 14:39

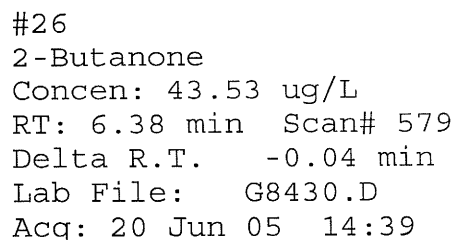
Tgt Ion: 59 Resp: 616087

Ion Ratio Lower Upper

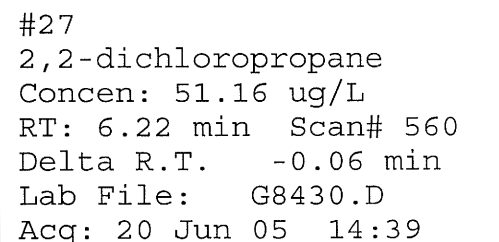
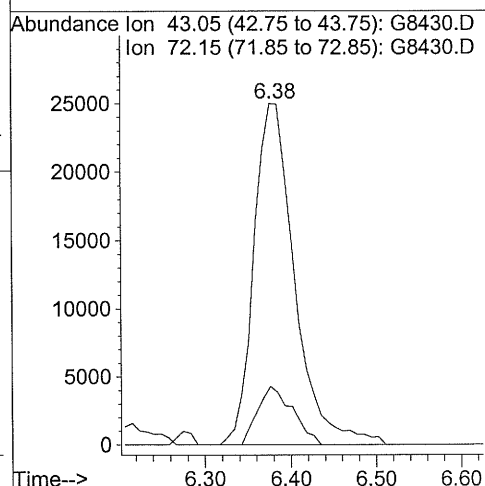
59 100

87 31.4 10.5 50.5

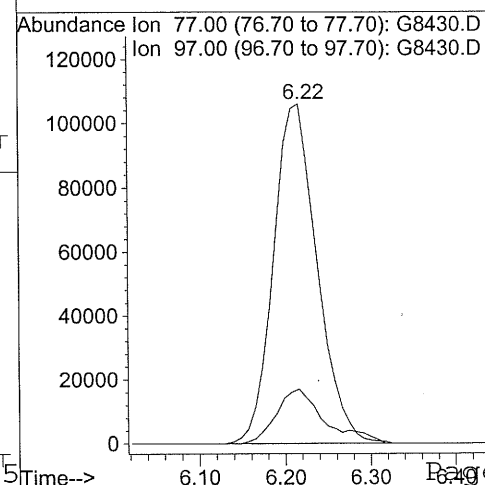


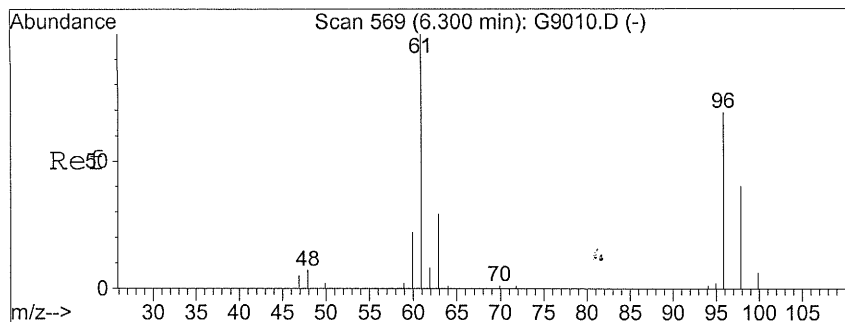


Tgt	Ion: 43	Resp:	82692
Ion	Ratio	Lower	Upper
43	100		
72	17.1	0.0	36.9



Tgt	Ion: 77	Resp:	375881
Ion	Ratio	Lower	Upper
77	100		
97	16.1	0.0	35.9





#28

cis-1,2-dichloroethene

Concen: 49.85 ug/L

RT: 6.28 min Scan# 568

Delta R.T. -0.06 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

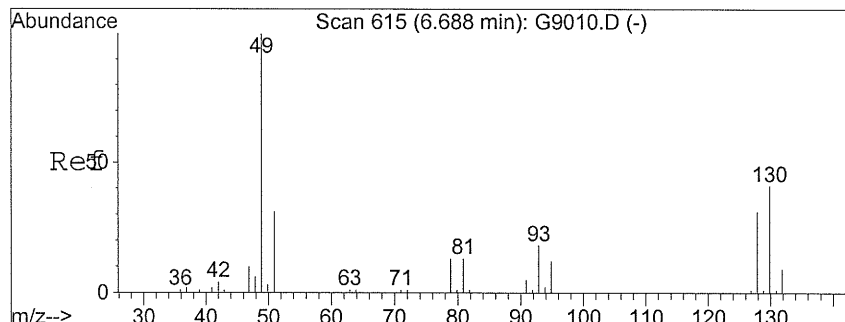
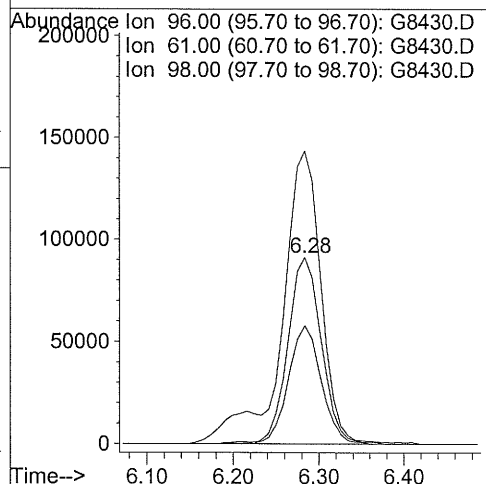
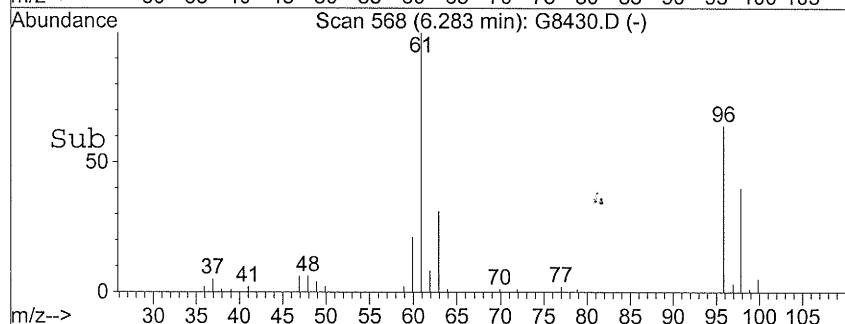
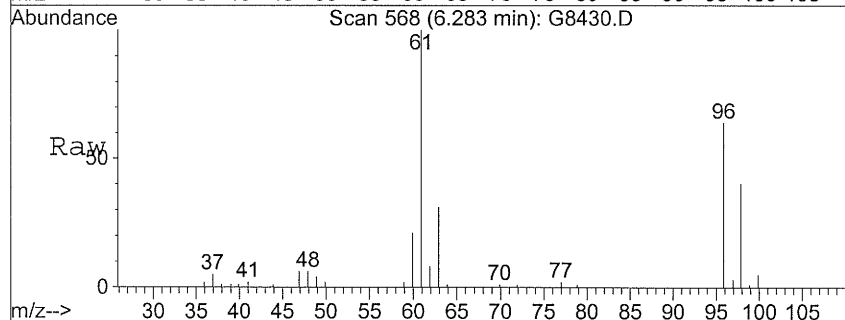
Tgt Ion: 96 Resp: 248966

Ion Ratio Lower Upper

96 100

61 156.7 136.2 176.2

98 63.4 37.2 77.2



#29

bromochloromethane

Concen: 50.63 ug/L

RT: 6.67 min Scan# 614

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

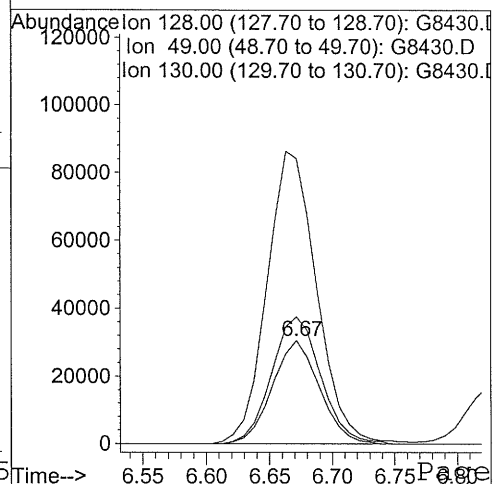
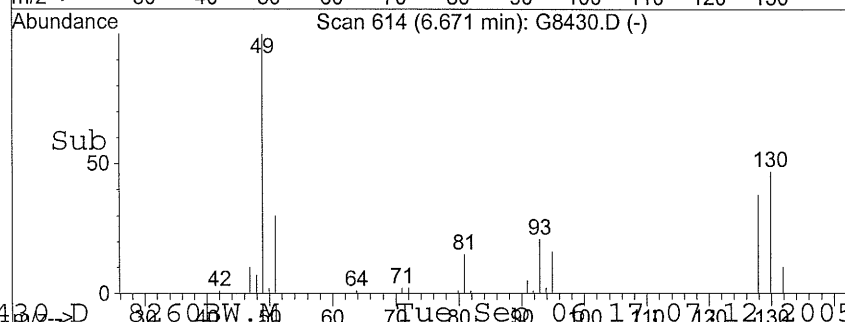
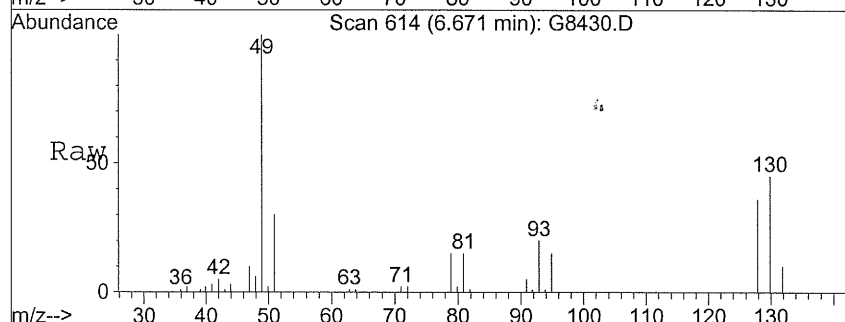
Tgt Ion: 128 Resp: 79753

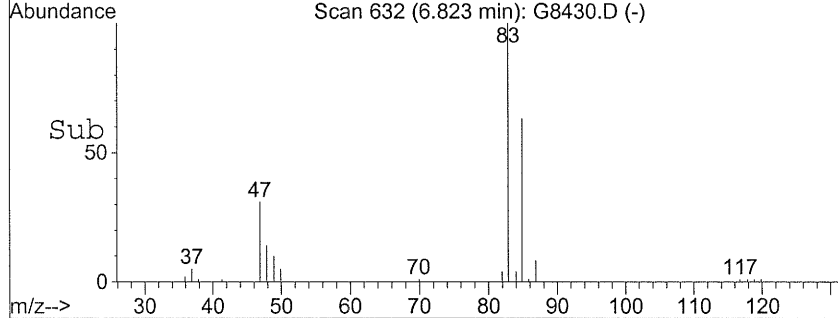
Ion Ratio Lower Upper

128 100

49 275.8 274.7 314.7

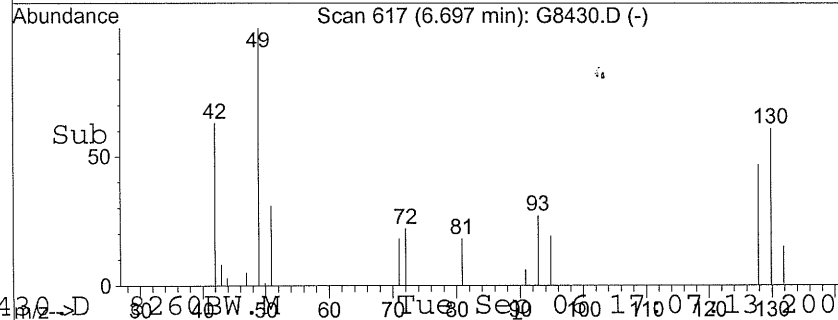
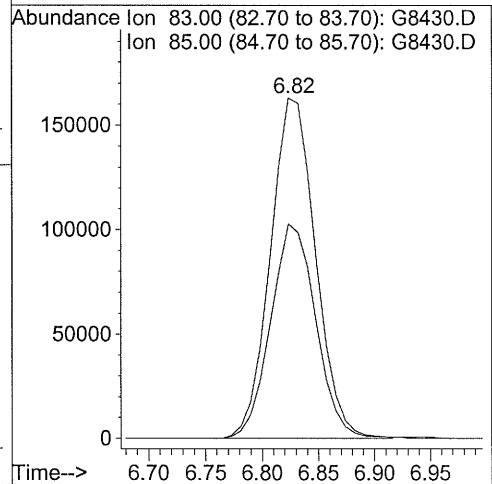
130 123.0 103.8 143.8





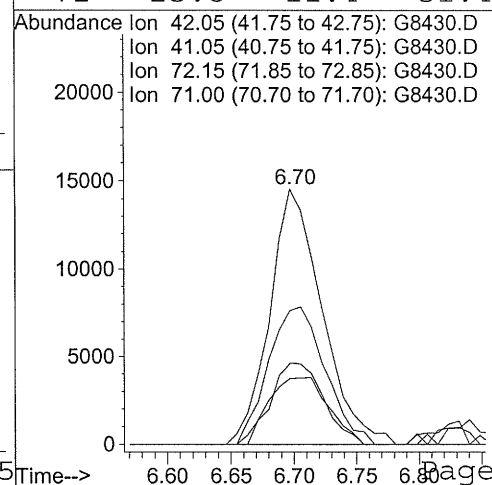
```
#30
chloroform
Concen: 48.30 ug/L
RT: 6.82 min   Scan# 632
Delta R.T.    -0.06 min
Lab File:     G8430.D
Acq: 20 Jun 05  14:39
```

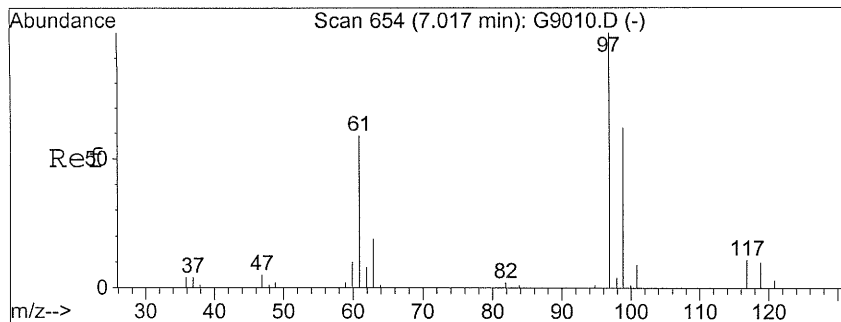
Tgt	Ion: 83	Resp:	455097
Ion	Ratio	Lower	Upper
83	100		
85	63.1	42.8	82.8



```
#32
Tetrahydrofuran
Concen: 44.31 ug/L
RT: 6.70 min   Scan# 617
Delta R.T.     -0.05 min
Lab File:      G8430.D
Acq: 20 Jun 05  14:39
```

Tgt	Ion: 42	Resp:	42010
Ion	Ratio	Lower	Upper
42	100		
41	52.5	38.3	78.3
72	31.7	9.7	49.7
71	25.8	11.4	51.4





#33

1,1,1-trichloroethane

Concen: 49.58 ug/L

RT: 7.01 min Scan# 654

Delta R.T. -0.06 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

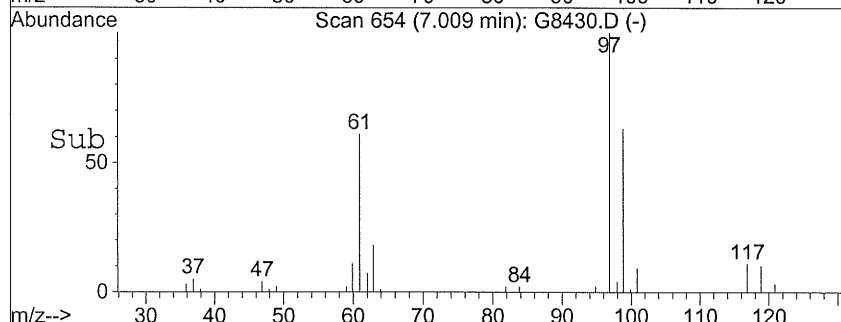
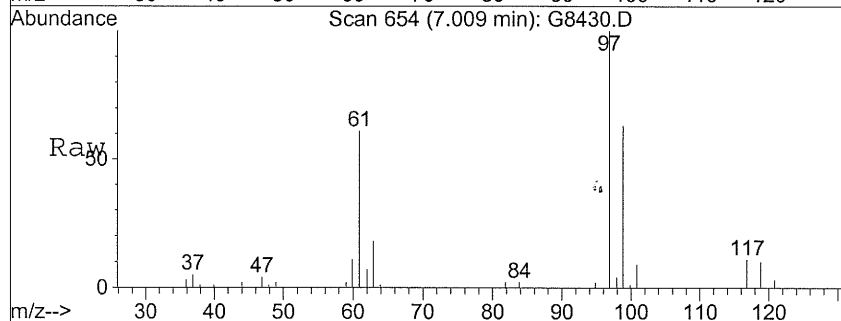
Tgt Ion: 97 Resp: 318668

Ion Ratio Lower Upper

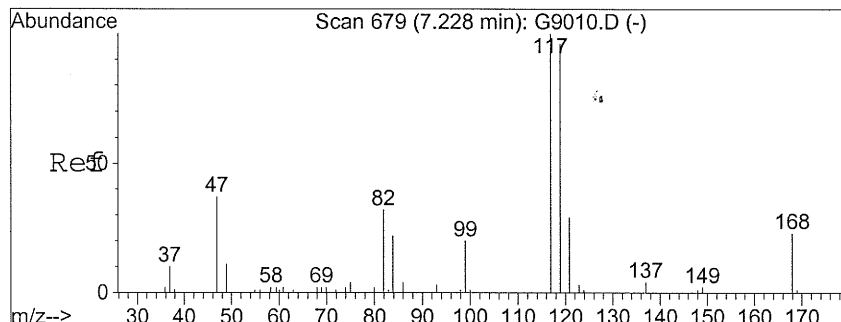
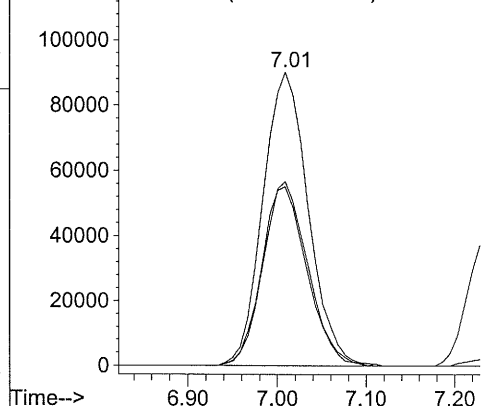
97 100

99 62.8 42.0 82.0

61 61.0 40.2 80.2



Abundance Ion 97.00 (96.70 to 97.70): G8430.D
Ion 99.00 (98.70 to 99.70): G8430.D
Ion 61.00 (60.70 to 61.70): G8430.D



#35

carbon tetrachloride

Concen: 43.23 ug/L

RT: 7.21 min Scan# 678

Delta R.T. -0.07 min

Lab File: G8430.D

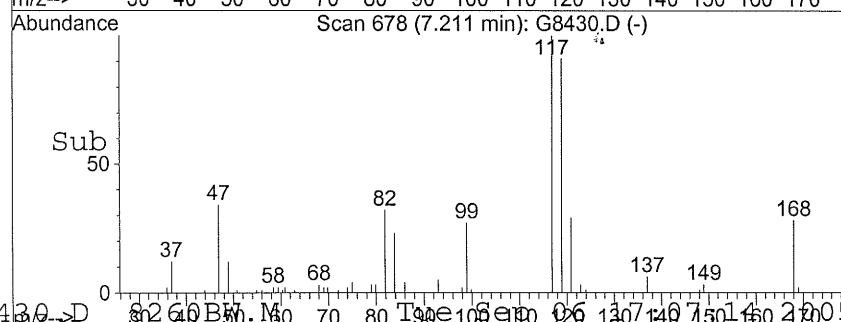
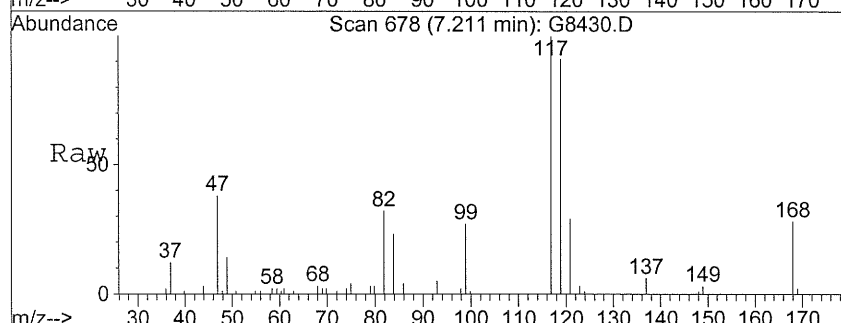
Acq: 20 Jun 05 14:39

Tgt Ion: 117 Resp: 277787

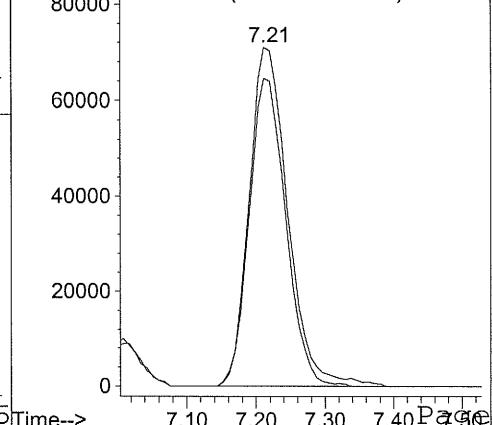
Ion Ratio Lower Upper

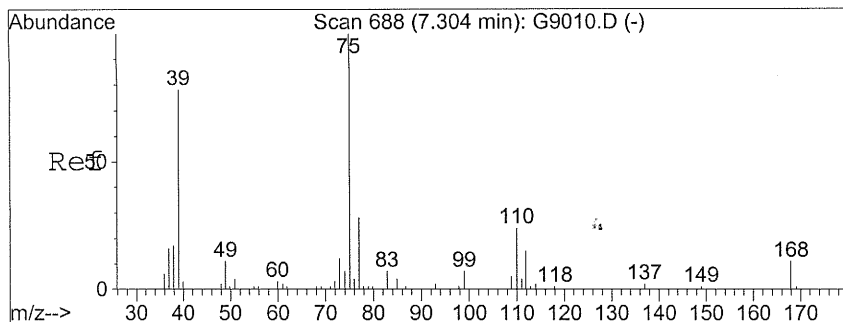
117 100

119 91.0 69.8 109.8



Abundance Ion 117.00 (116.70 to 117.70): G8430.D
Ion 119.00 (118.70 to 119.70): G8430.D





#36

1,1-dichloropropene

Concen: 45.94 ug/L

RT: 7.29 min Scan# 687

Delta R.T. -0.08 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

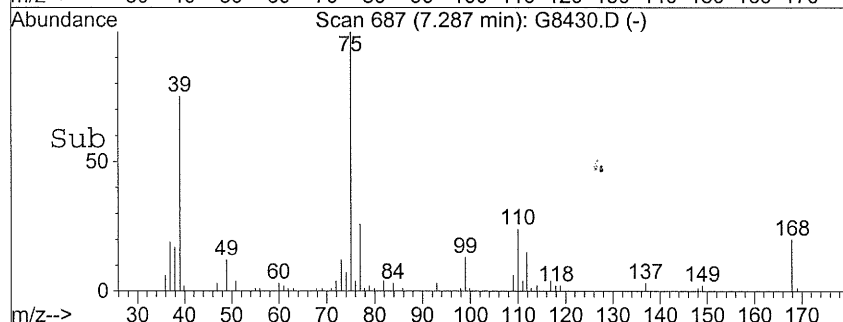
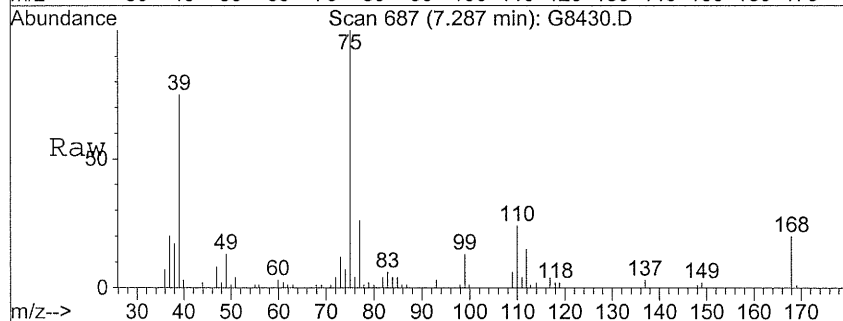
Tgt Ion: 75 Resp: 423867

Ion Ratio Lower Upper

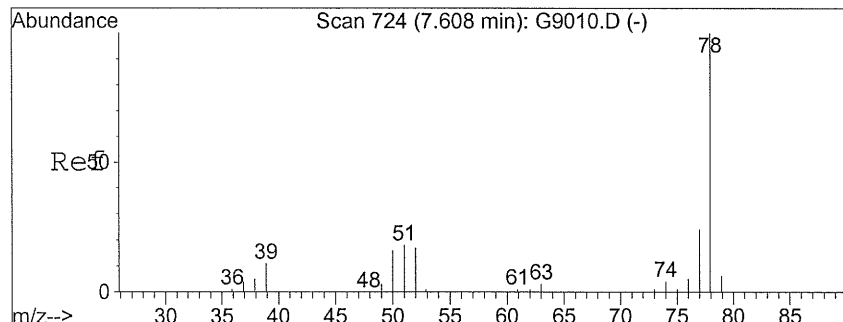
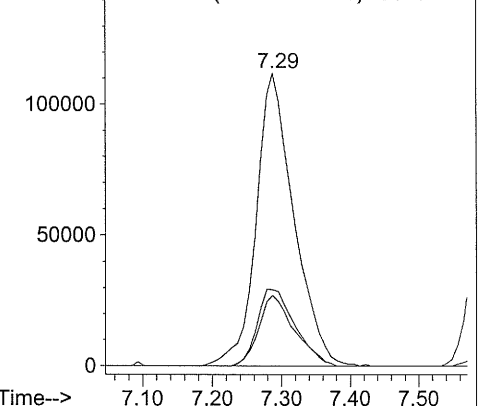
75 100

110 24.2 4.1 44.1

77 26.2 9.1 49.1



Abundance Ion 75.00 (74.70 to 75.70): G8430.D
Ion 110.00 (109.70 to 110.70): G8430.D
Ion 77.00 (76.70 to 77.70): G8430.D



#37

benzene

Concen: 50.86 ug/L

RT: 7.60 min Scan# 724

Delta R.T. -0.07 min

Lab File: G8430.D

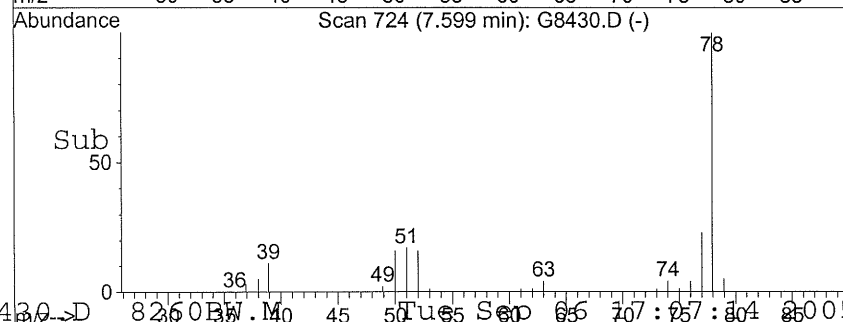
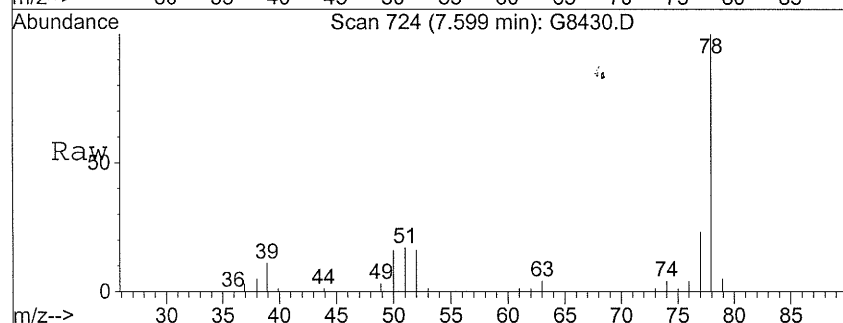
Acq: 20 Jun 05 14:39

Tgt Ion: 78 Resp: 1109115

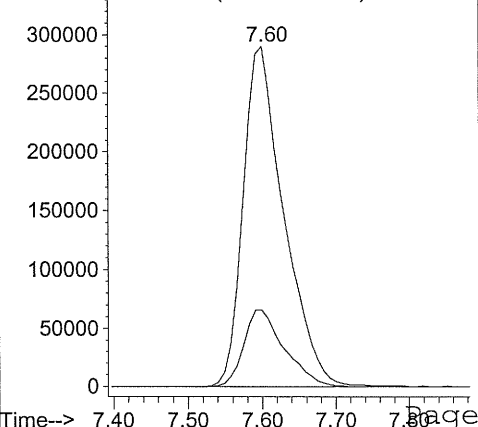
Ion Ratio Lower Upper

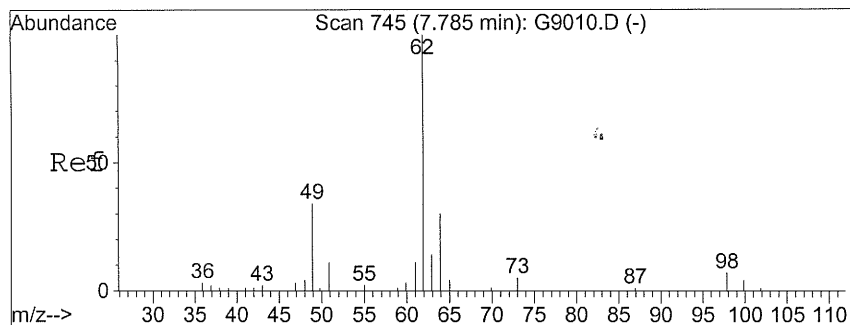
78 100

77 22.7 2.9 42.9



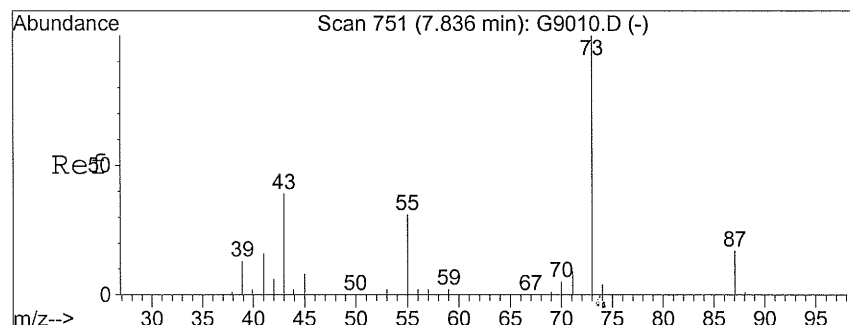
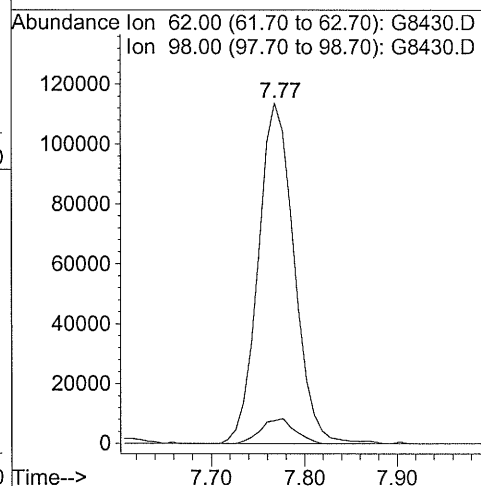
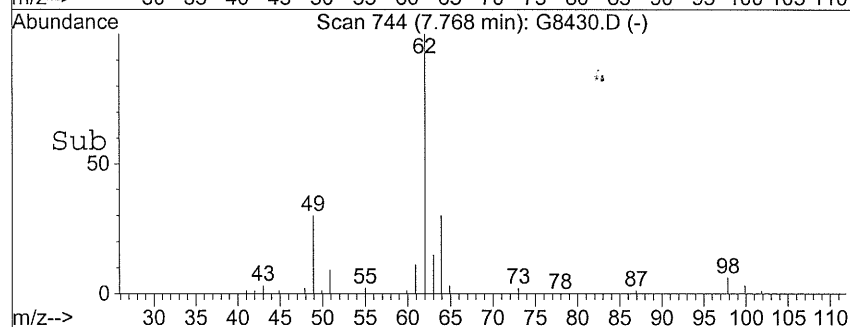
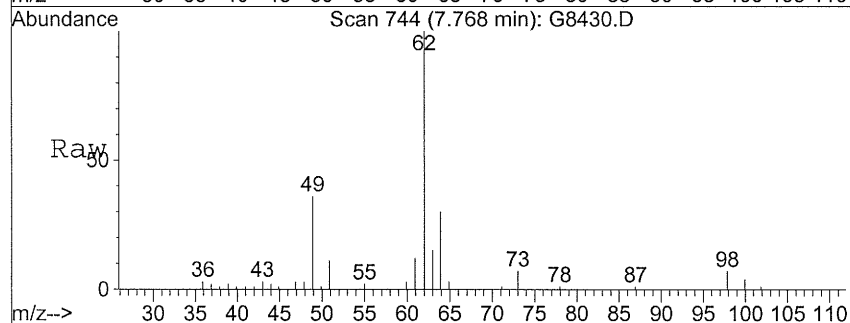
Abundance Ion 78.00 (77.70 to 78.70): G8430.D
Ion 77.00 (76.70 to 77.70): G8430.D





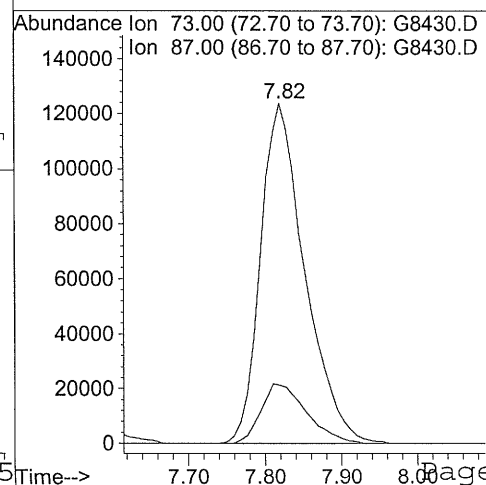
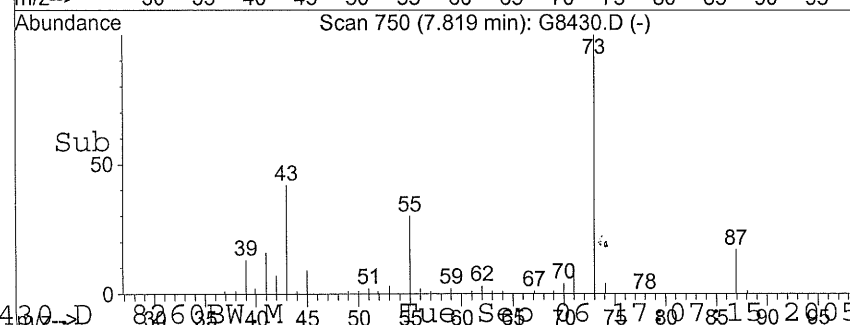
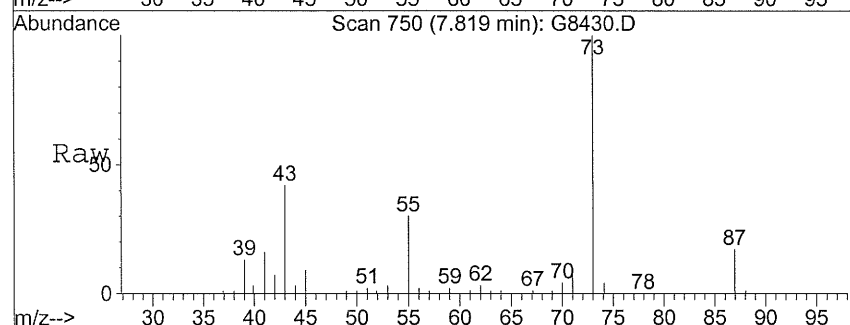
#38
 1,2-dichloroethane
 Concen: 48.58 ug/L
 RT: 7.77 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

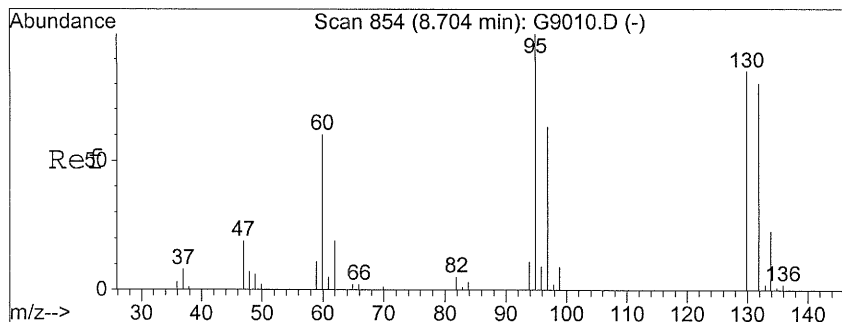
Tgt Ion: 62 Resp: 304191
 Ion Ratio Lower Upper
 62 100
 98 6.7 0.0 26.7



#39
 tert amyl methyl ether
 Concen: 49.77 ug/L
 RT: 7.82 min Scan# 750
 Delta R.T. -0.06 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

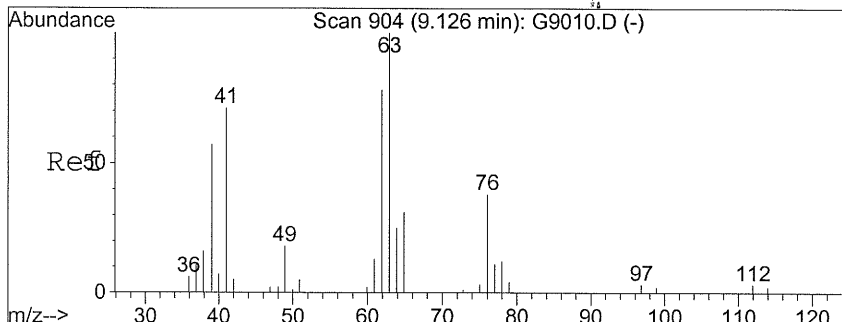
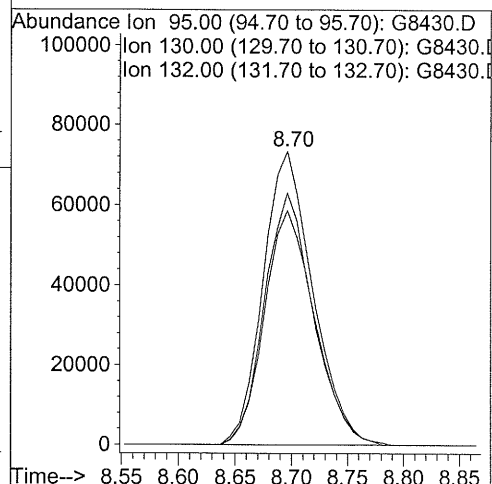
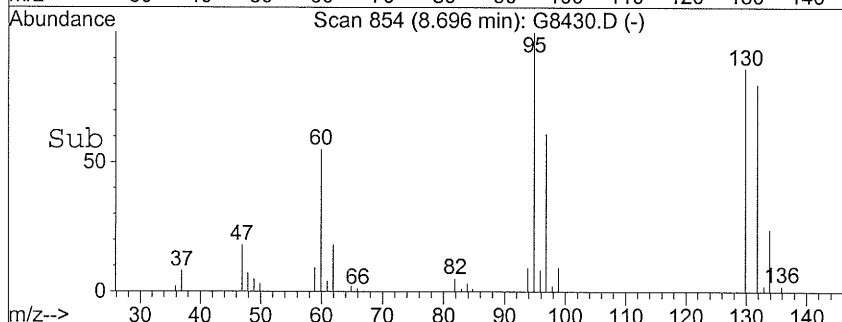
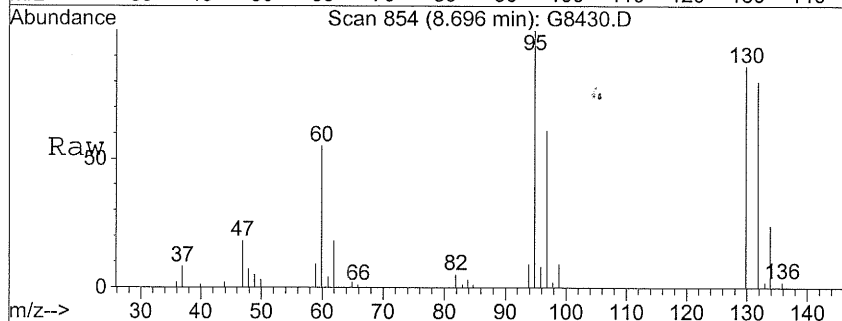
Tgt Ion: 73 Resp: 497610
 Ion Ratio Lower Upper
 73 100
 87 17.1 0.0 37.5





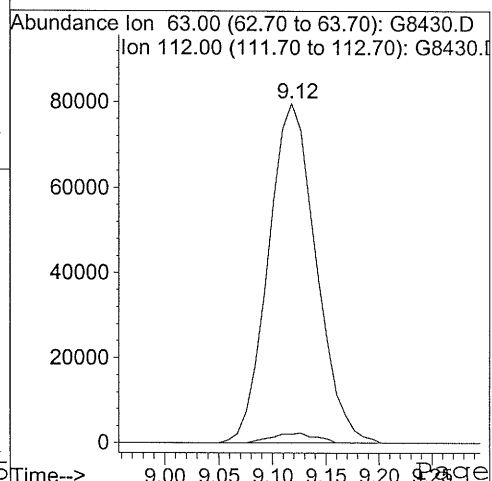
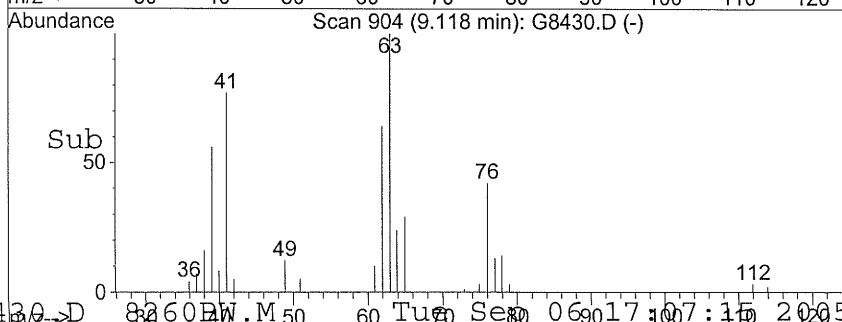
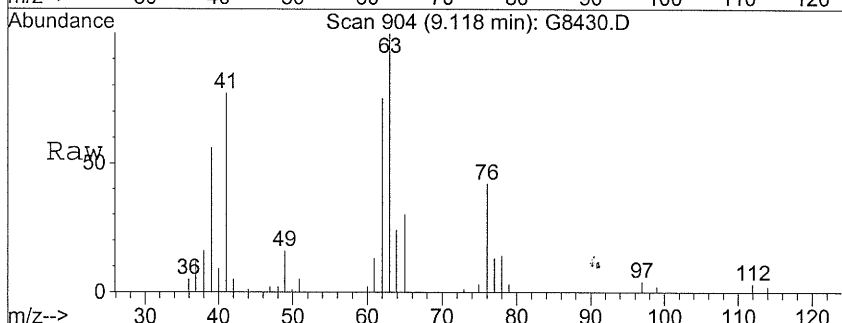
#40
trichloroethene
Concen: 50.37 ug/L
RT: 8.70 min Scan# 854
Delta R.T. -0.06 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

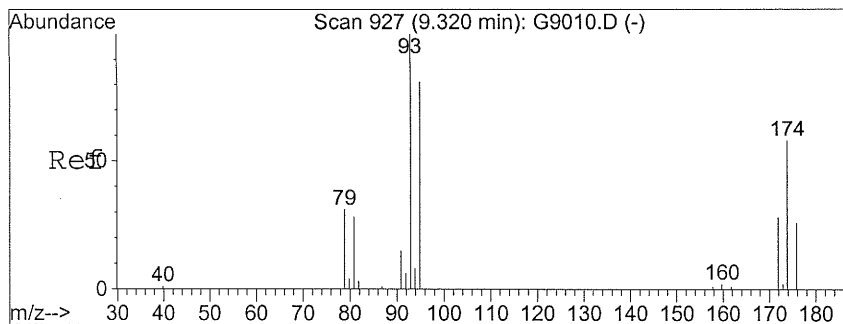
Tgt Ion	Ratio	Lower	Upper
95	100		
130	85.9	63.7	103.7
132	79.9	56.5	96.5



#41
1,2-dichloropropane
Concen: 49.46 ug/L
RT: 9.12 min Scan# 904
Delta R.T. -0.06 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	2.5	0.0	22.7

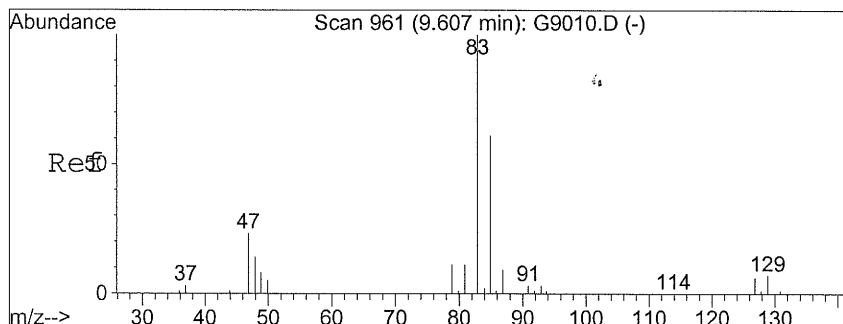
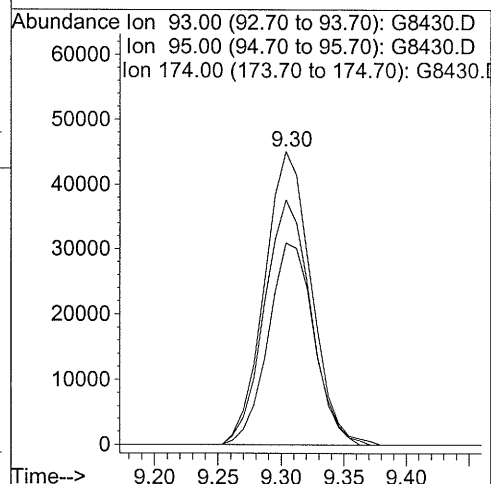
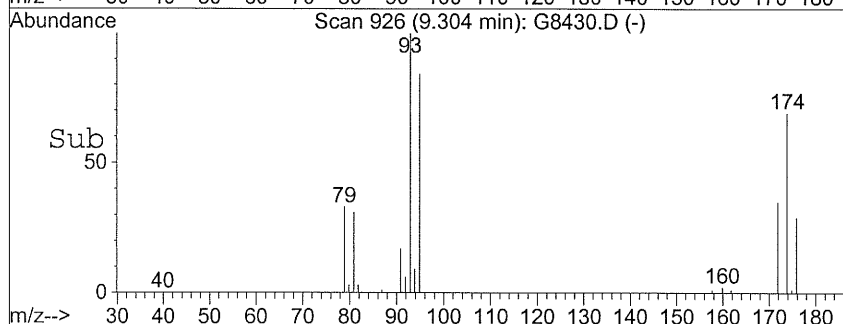
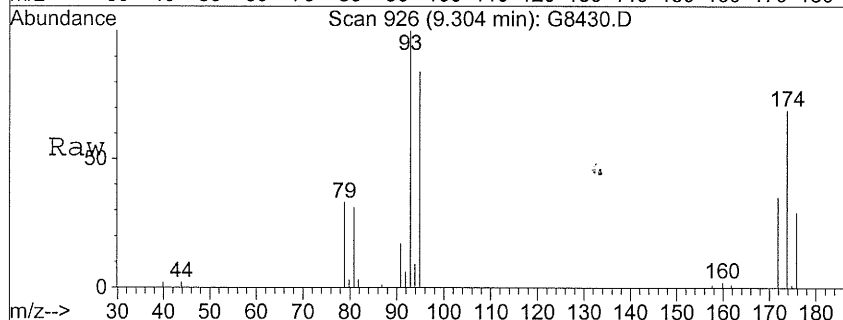




#42
 dibromomethane
 Concen: 47.70 ug/L
 RT: 9.30 min Scan# 926
 Delta R.T. -0.05 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

Tgt Ion: 93 Resp: 116039

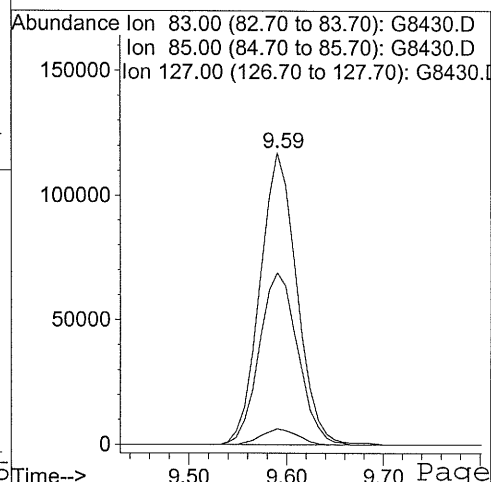
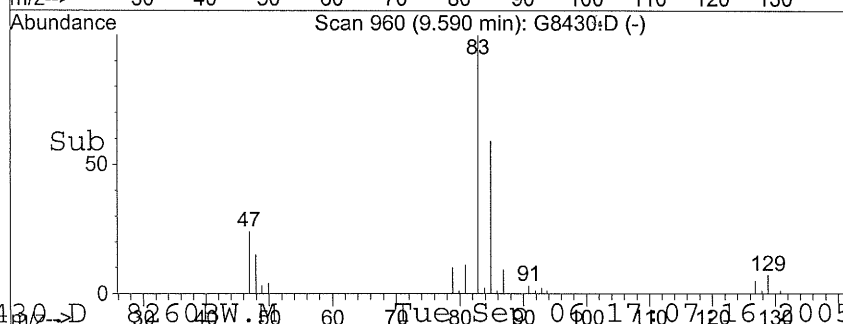
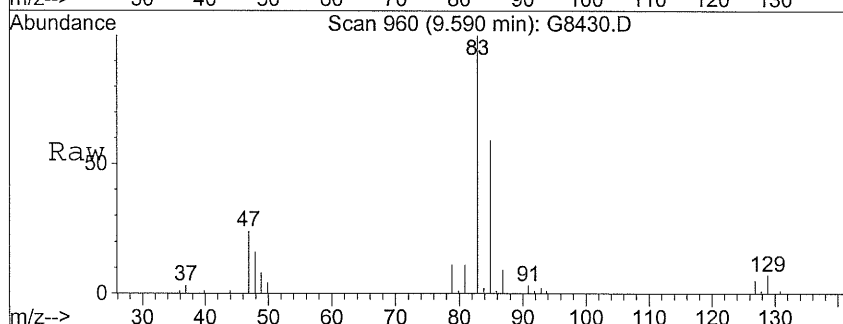
Ion	Ratio	Lower	Upper
93	100		
95	83.5	60.0	100.0
174	68.6	40.8	80.8

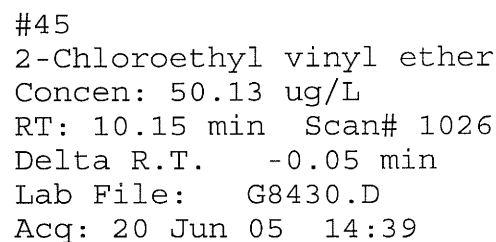


#44
 bromodichloromethane
 Concen: 50.46 ug/L
 RT: 9.59 min Scan# 960
 Delta R.T. -0.05 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

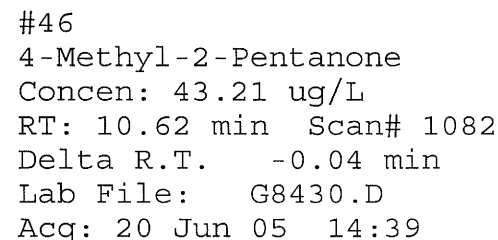
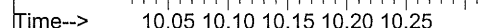
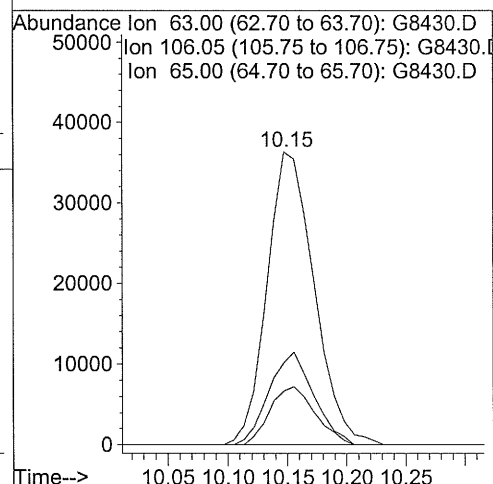
Tgt Ion: 83 Resp: 307396

Ion	Ratio	Lower	Upper
83	100		
85	58.8	42.0	82.0
127	5.3	0.0	25.5

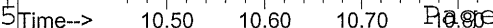
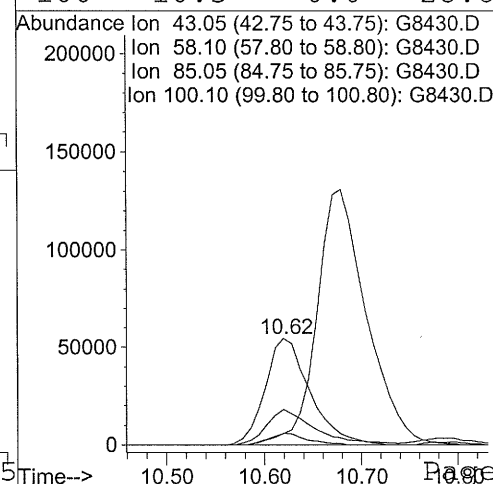


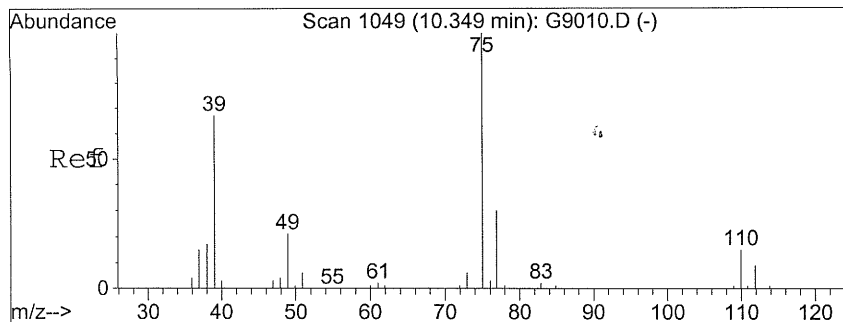


Tgt	Ion: 63	Resp:	100006
Ion	Ratio	Lower	Upper
63	100		
106	18.4	0.0	37.4
65	28.1	8.2	48.2



Tgt	Ion: 43	Resp:	175781
Ion	Ratio	Lower	Upper
43	100		
58	33.1	11.3	51.3
85	10.4	0.0	29.6
100	10.5	0.0	28.6





#47

cis-1,3-dichloropropene

Concen: 50.21 ug/L

RT: 10.34 min Scan# 1049

Delta R.T. -0.05 min

Lab File: G8430.D

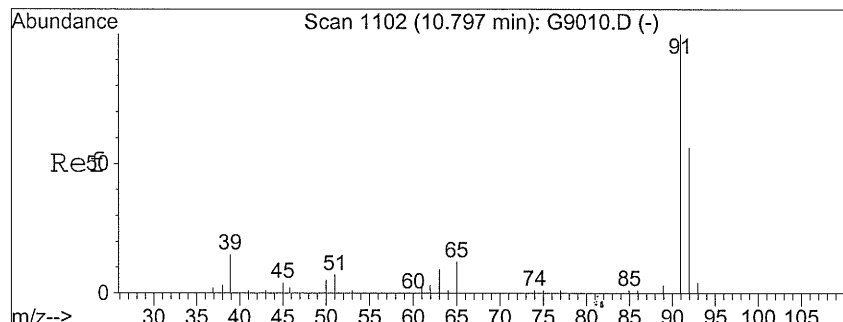
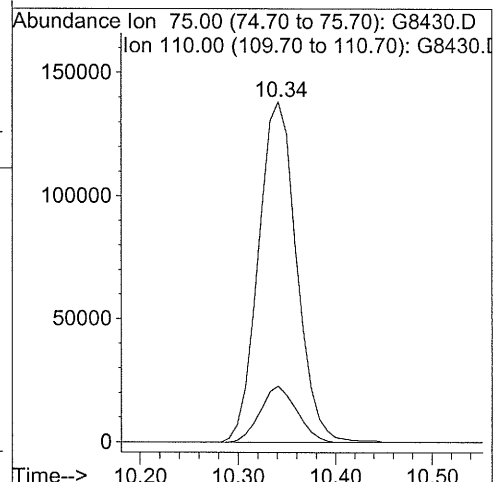
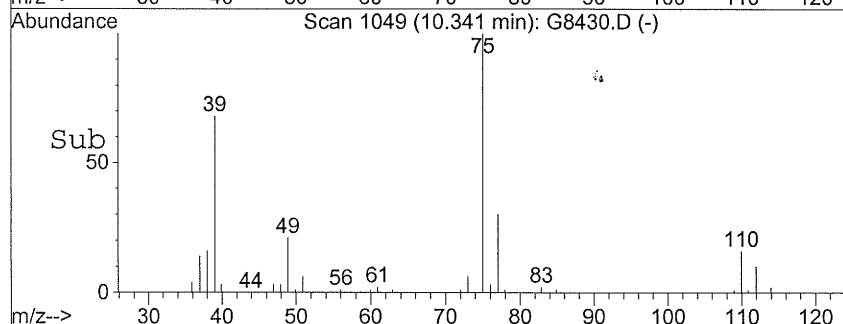
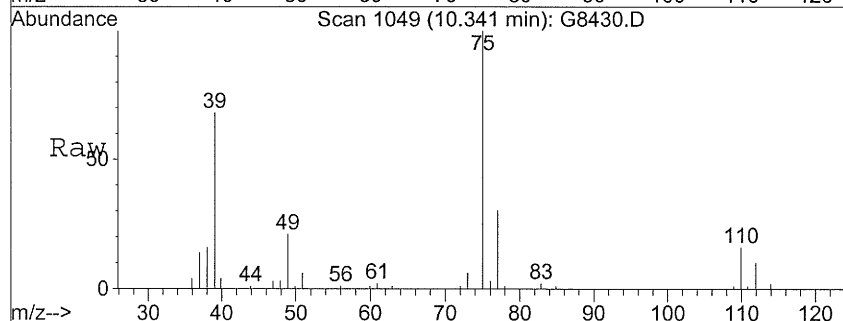
Acq: 20 Jun 05 14:39

Tgt Ion: 75 Resp: 375682

Ion Ratio Lower Upper

75 100

110 16.4 0.0 36.0



#49

toluene

Concen: 51.18 ug/L

RT: 10.78 min Scan# 1101

Delta R.T. -0.06 min

Lab File: G8430.D

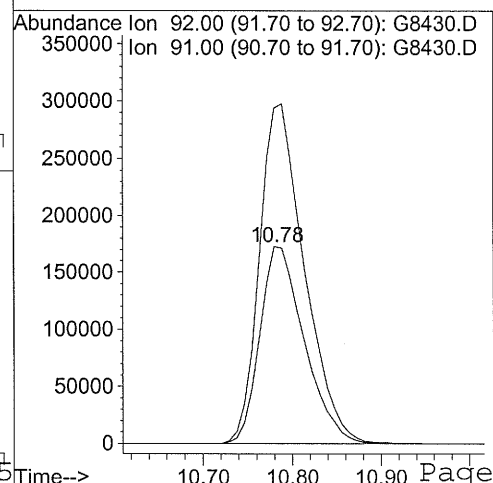
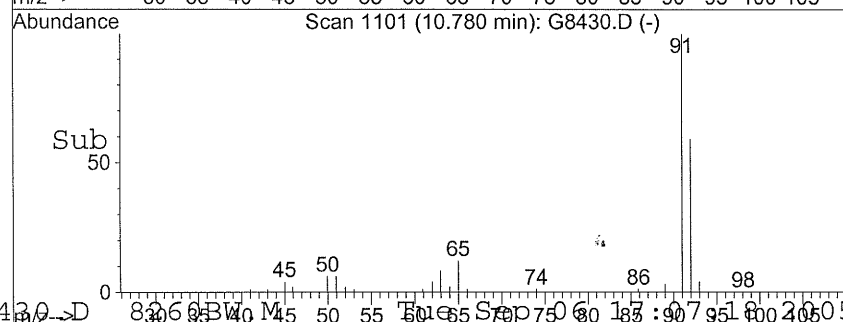
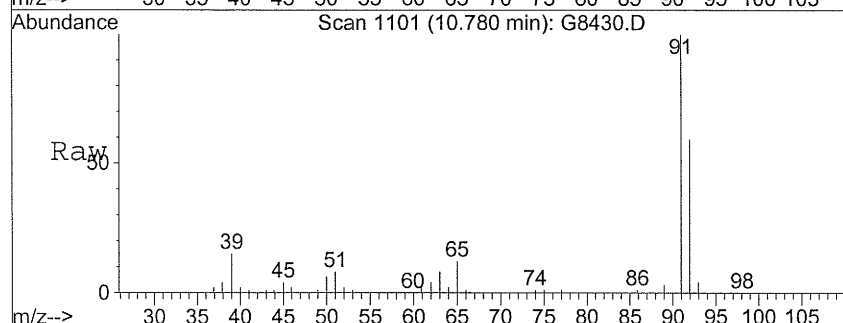
Acq: 20 Jun 05 14:39

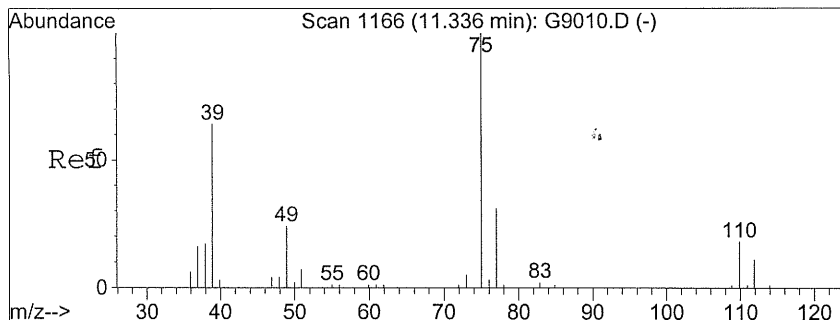
Tgt Ion: 92 Resp: 596969

Ion Ratio Lower Upper

92 100

91 170.3 154.7 194.7





#50

trans-1,3-dichloropropene

Concen: 51.86 ug/L

RT: 11.33 min Scan# 1166

Delta R.T. -0.05 min

Lab File: G8430.D

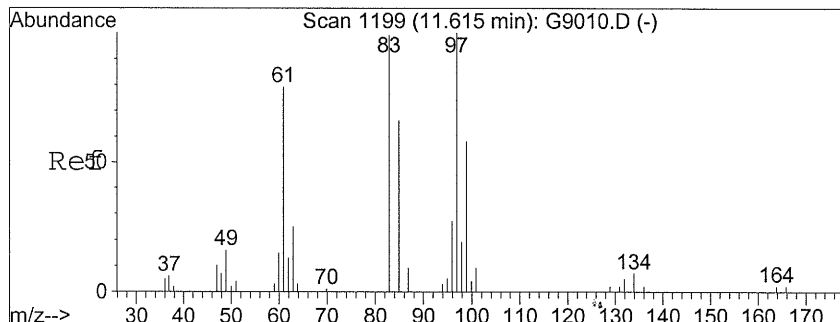
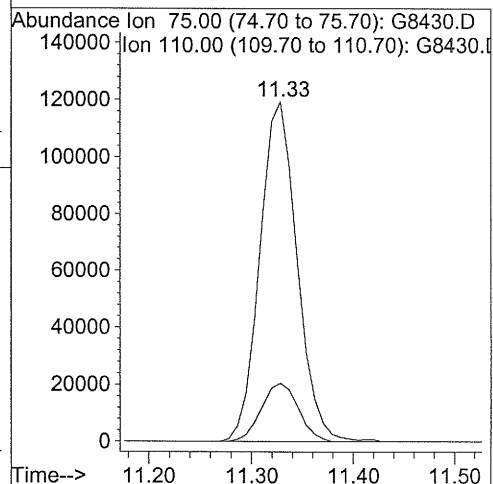
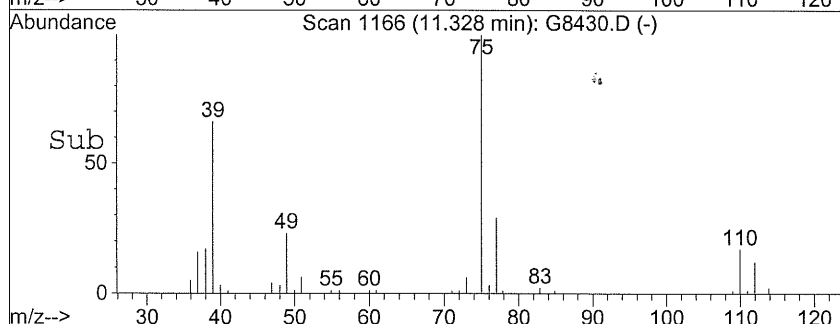
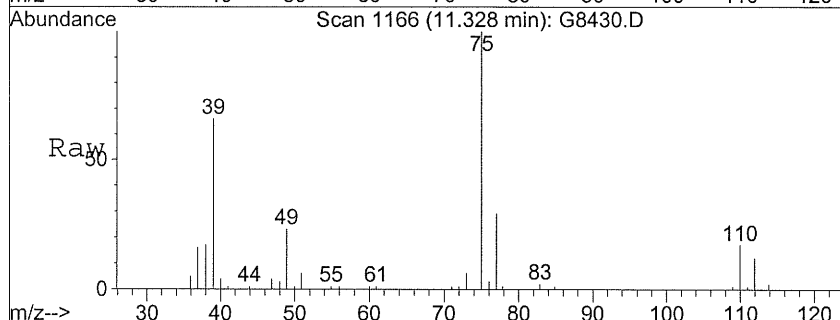
Acq: 20 Jun 05 14:39

Tgt Ion: 75 Resp: 302356

Ion Ratio Lower Upper

75 100

110 17.1 0.0 37.3



#51

1,1,2-trichloroethane

Concen: 48.76 ug/L

RT: 11.61 min Scan# 1199

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

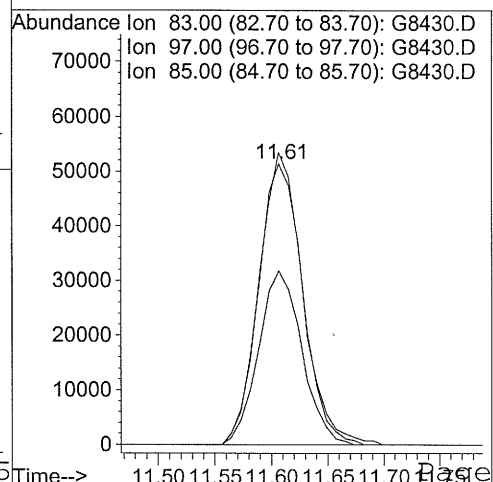
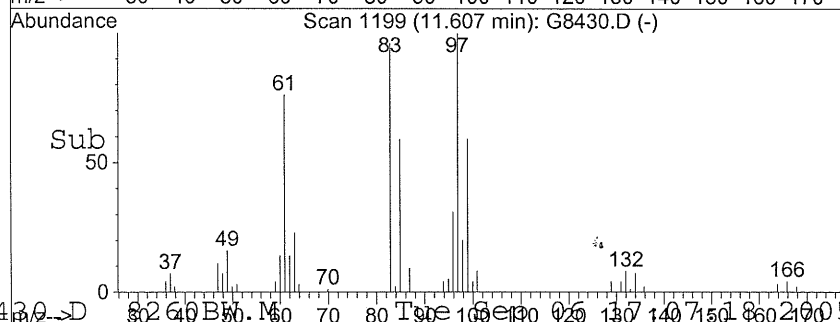
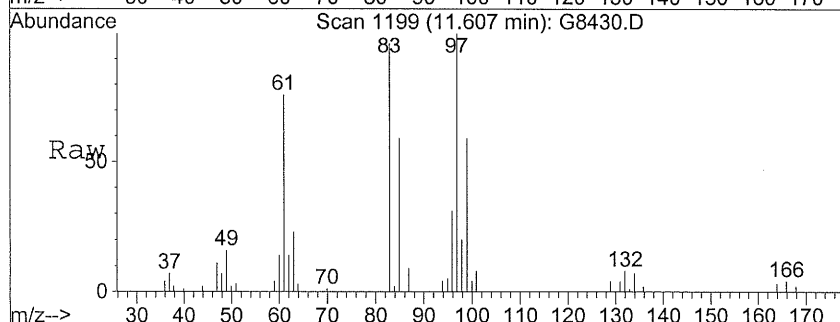
Tgt Ion: 83 Resp: 142099

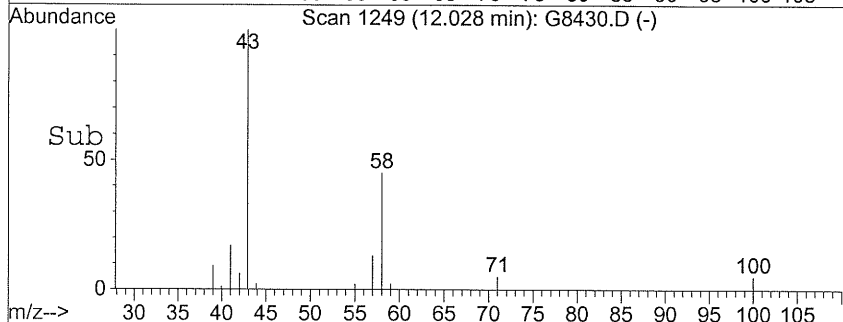
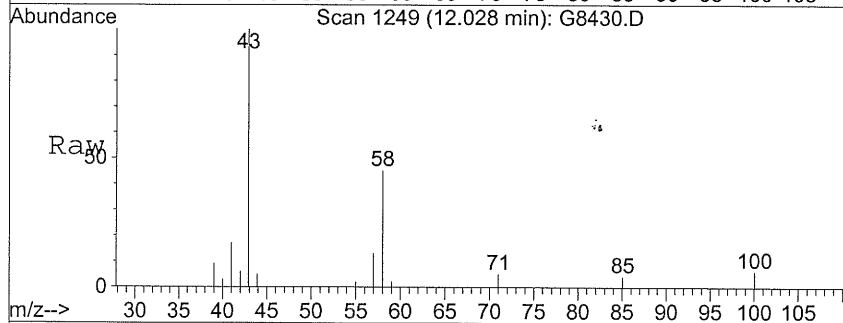
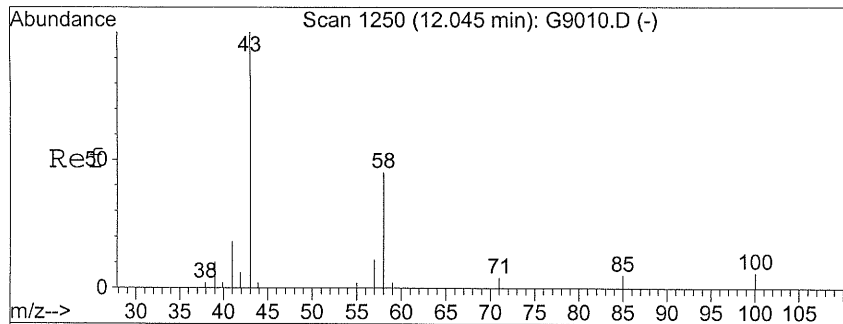
Ion Ratio Lower Upper

83 100

97 104.0 84.1 124.1

85 61.8 42.6 82.6





#53

2-Hexanone

Concen: 45.91 ug/L

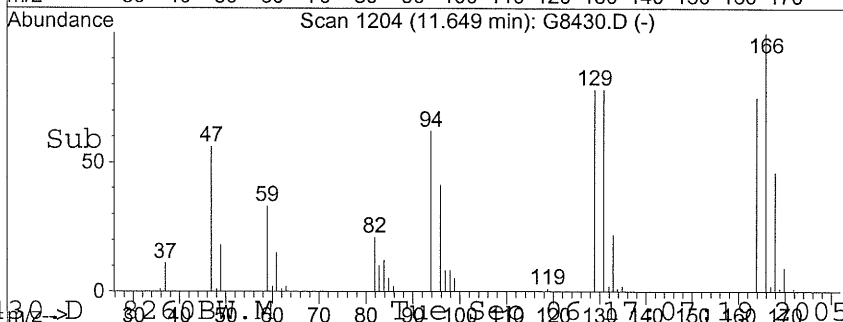
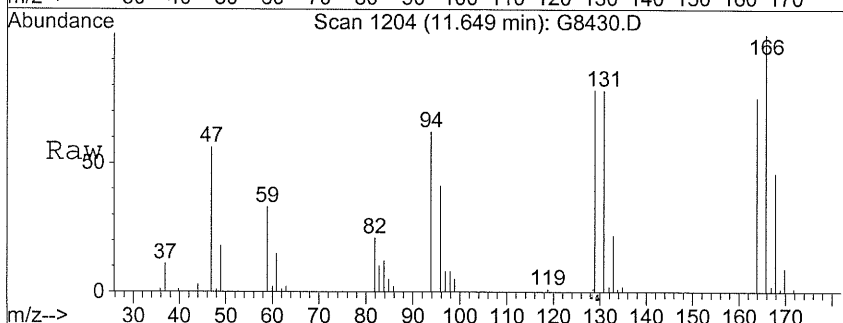
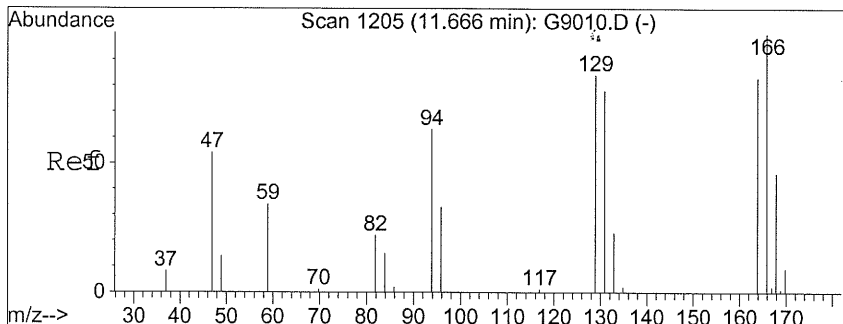
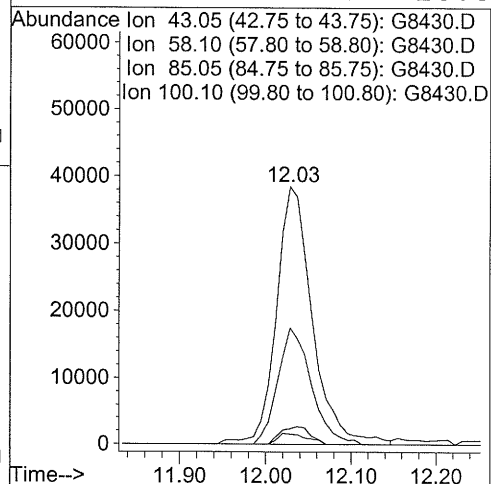
RT: 12.03 min Scan# 1249

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

Tgt Ion:	43	Resp:	112942
Ion	Ratio	Lower	Upper
43	100		
58	45.4	23.3	63.3
85	3.9	0.0	24.5
100	6.0	0.0	26.6



#54

tetrachloroethene

Concen: 52.01 ug/L

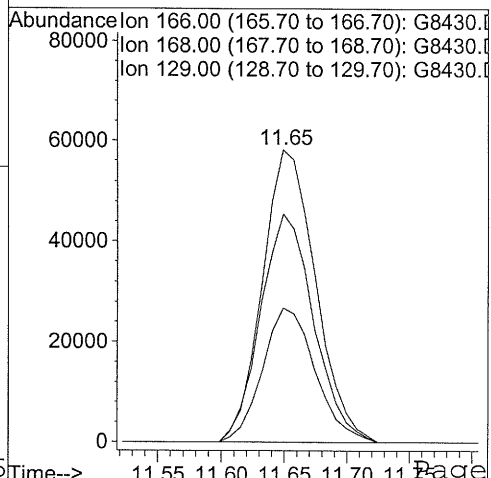
RT: 11.65 min Scan# 1204

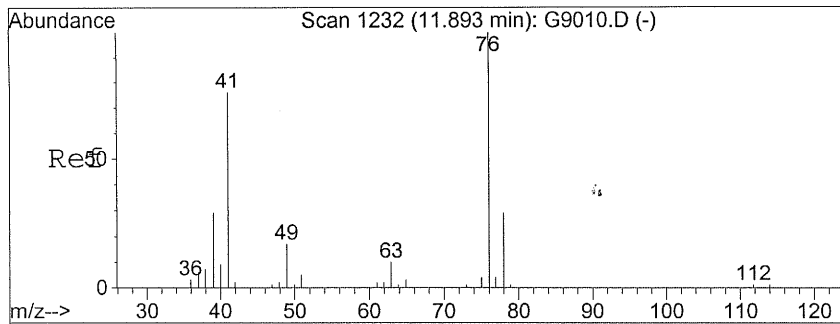
Delta R.T. -0.06 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

Tgt Ion:	166	Resp:	171047
Ion	Ratio	Lower	Upper
166	100		
168	46.0	25.8	65.8
129	78.0	56.4	96.4





#55

1,3-dichloropropane

Concen: 48.51 ug/L

RT: 11.89 min Scan# 1232

Delta R.T. -0.04 min

Lab File: G8430.D

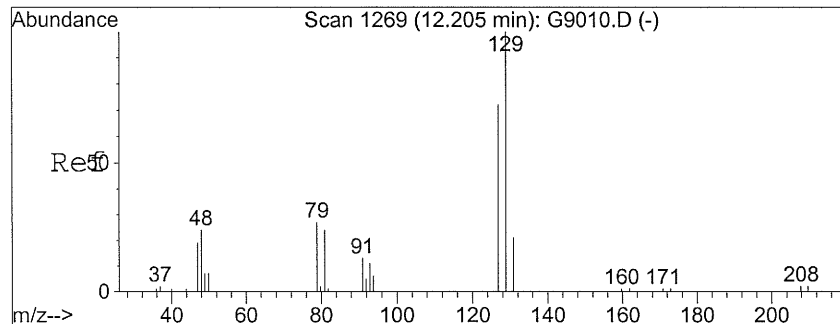
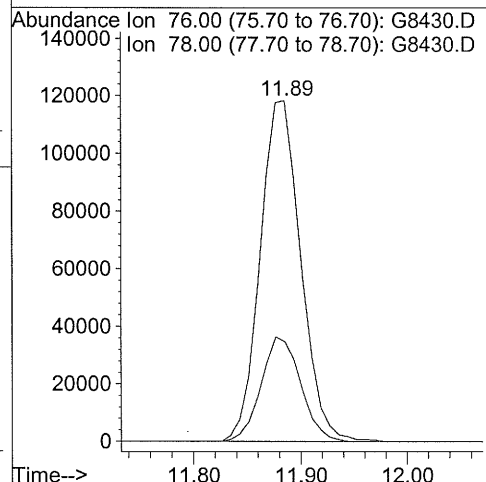
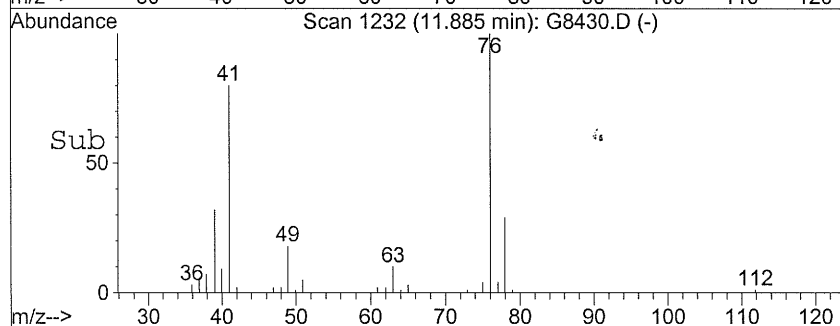
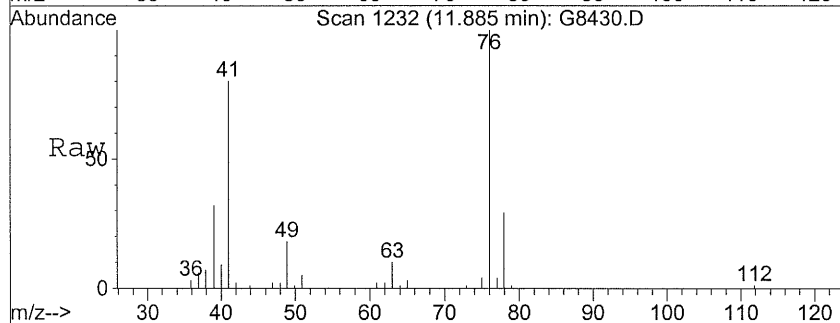
Acq: 20 Jun 05 14:39

Tgt Ion: 76 Resp: 310908

Ion Ratio Lower Upper

76 100

78 29.4 9.6 49.6



#56

dibromochloromethane

Concen: 50.83 ug/L

RT: 12.20 min Scan# 1269

Delta R.T. -0.04 min

Lab File: G8430.D

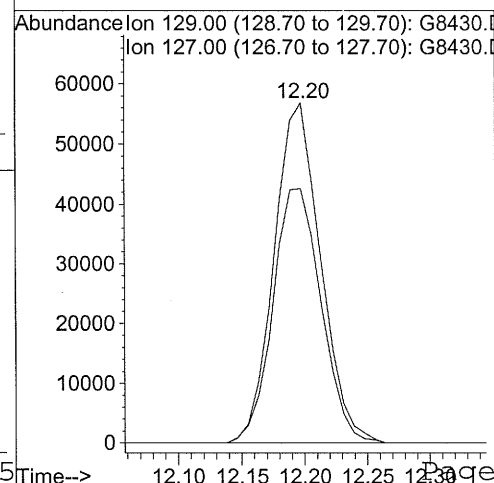
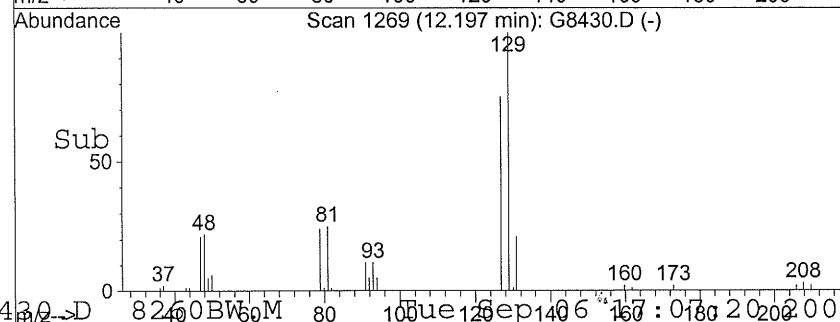
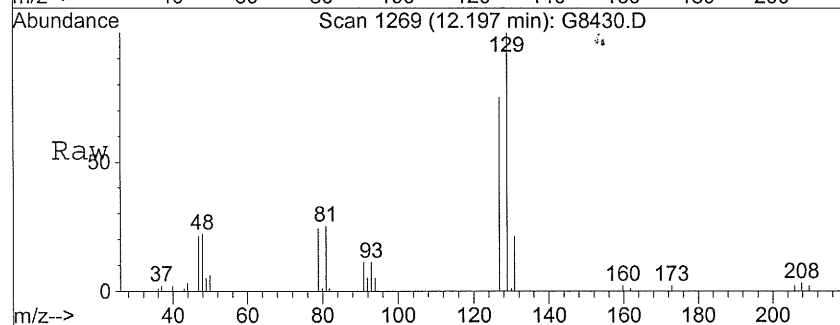
Acq: 20 Jun 05 14:39

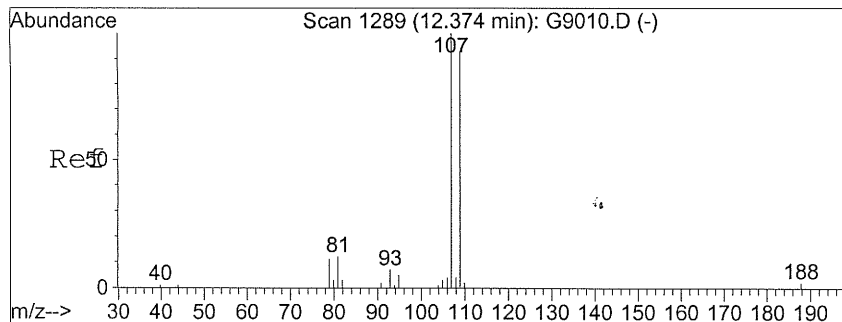
Tgt Ion: 129 Resp: 146247

Ion Ratio Lower Upper

129 100

127 74.9 55.4 95.4





#57

1,2-dibromoethane

Concen: 48.73 ug/L

RT: 12.37 min Scan# 1289

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

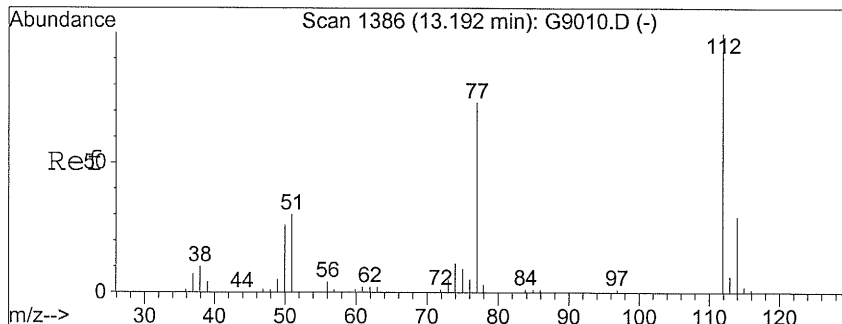
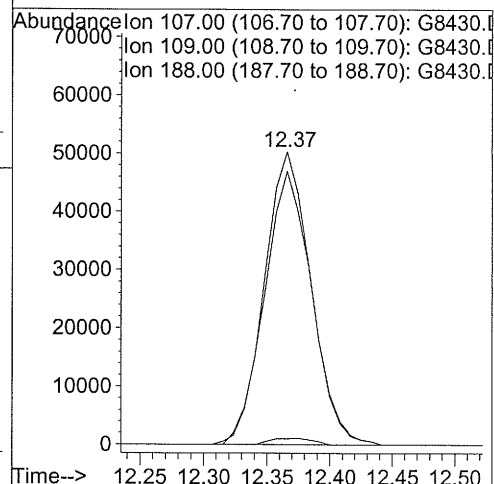
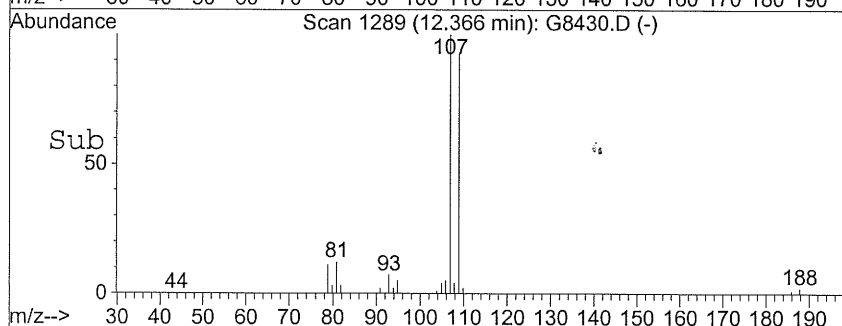
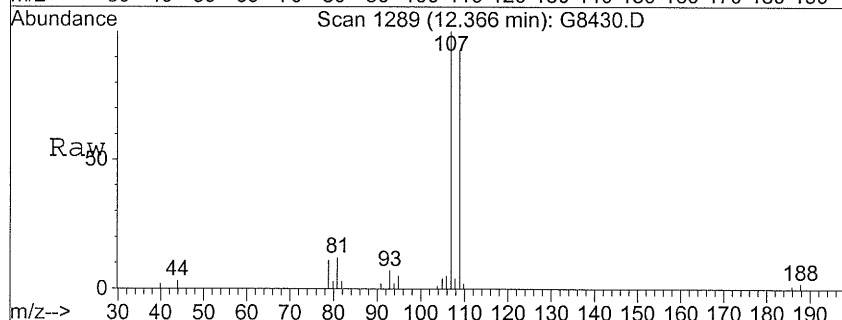
Tgt Ion:107 Resp: 130061

Ion Ratio Lower Upper

107 100

109 93.4 75.1 115.1

188 2.0 0.0 21.5



#58

chlorobenzene

Concen: 50.57 ug/L

RT: 13.18 min Scan# 1386

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

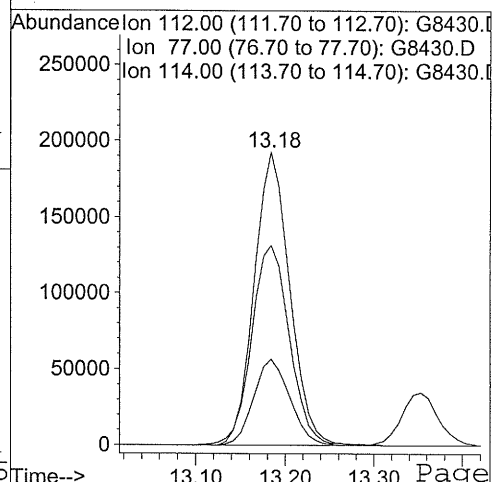
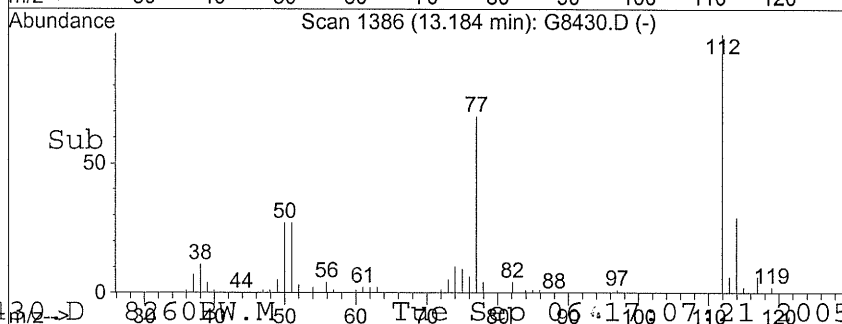
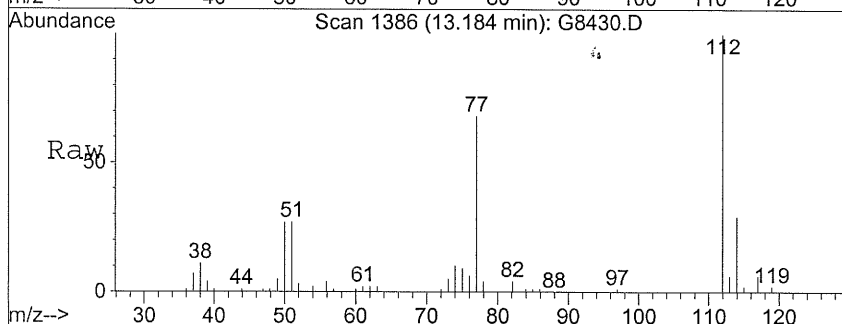
Tgt Ion:112 Resp: 532303

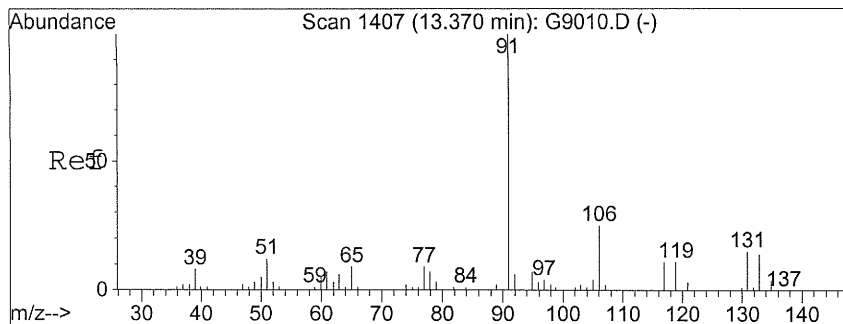
Ion Ratio Lower Upper

112 100

77 67.9 54.3 94.3

114 29.3 12.0 52.0





#59

1,1,1,2-tetrachloroethane

Concen: 50.67 ug/L

RT: 13.36 min Scan# 1407

Delta R.T. -0.05 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

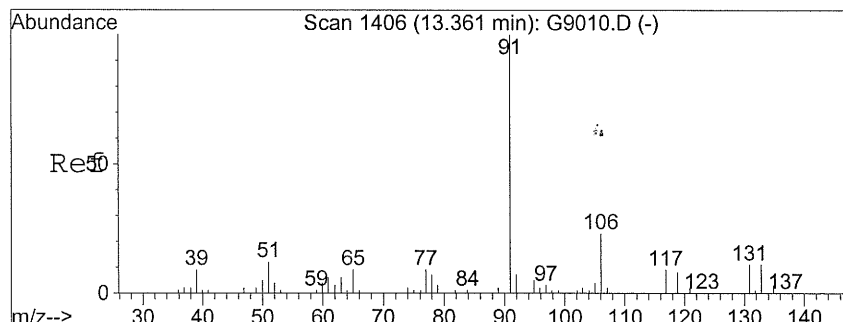
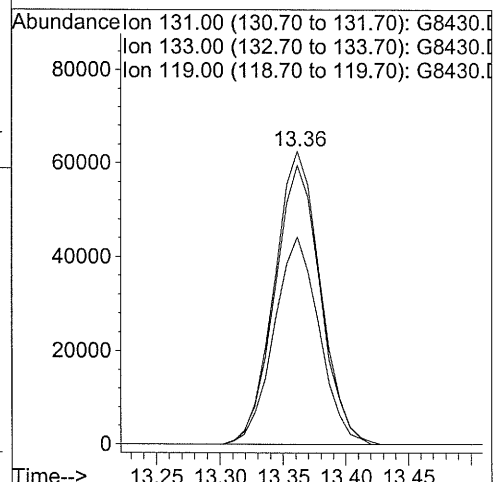
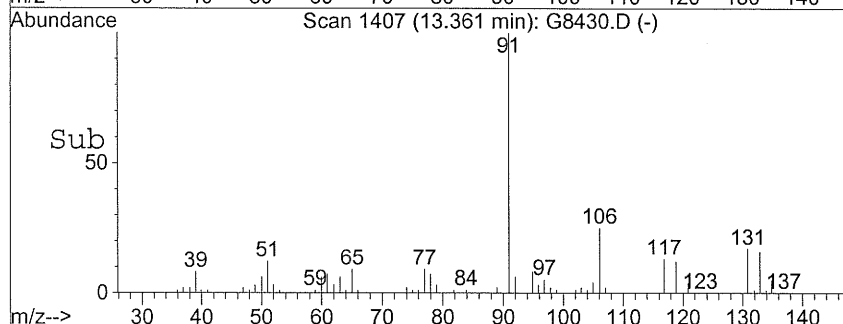
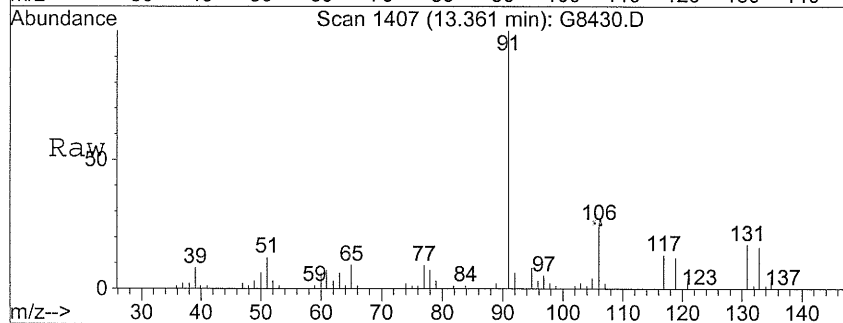
Tgt Ion: 131 Resp: 159865

Ion Ratio Lower Upper

131 100

133 95.2 73.8 113.8

119 70.8 45.5 85.5



#60

ethylbenzene

Concen: 51.89 ug/L

RT: 13.35 min Scan# 1406

Delta R.T. -0.04 min

Lab File: G8430.D

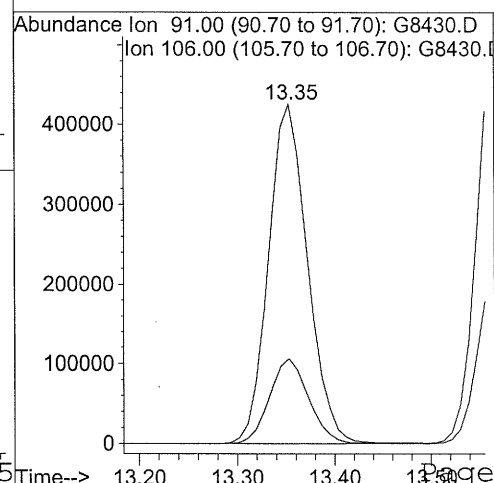
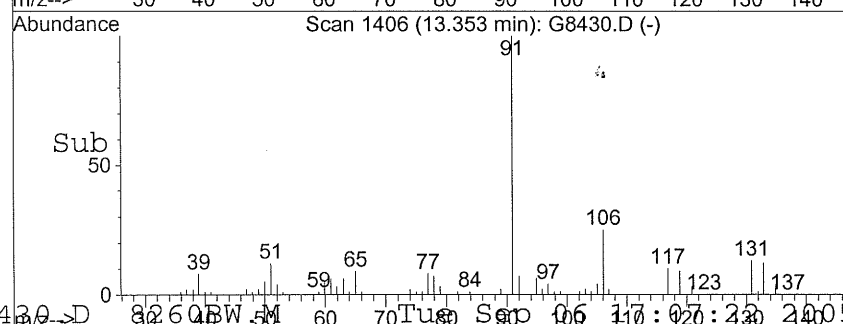
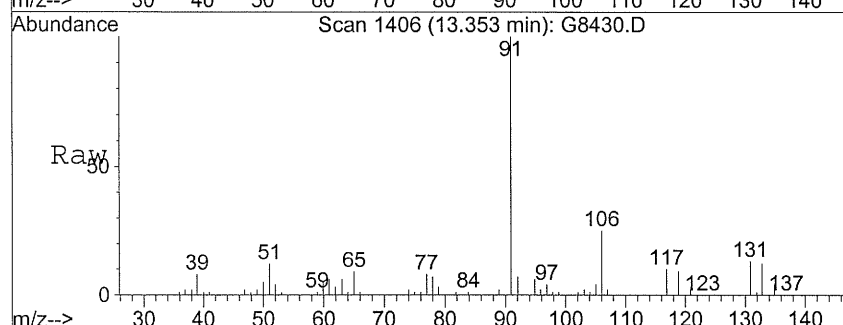
Acq: 20 Jun 05 14:39

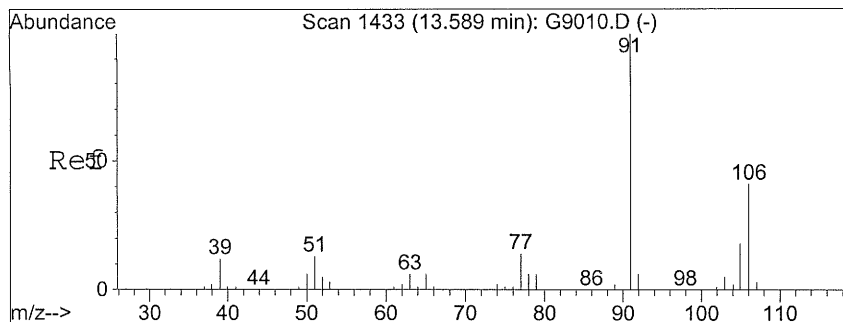
Tgt Ion: 91 Resp: 1182011

Ion Ratio Lower Upper

91 100

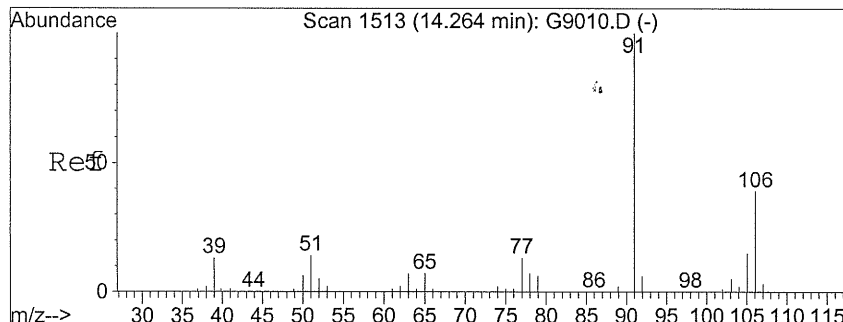
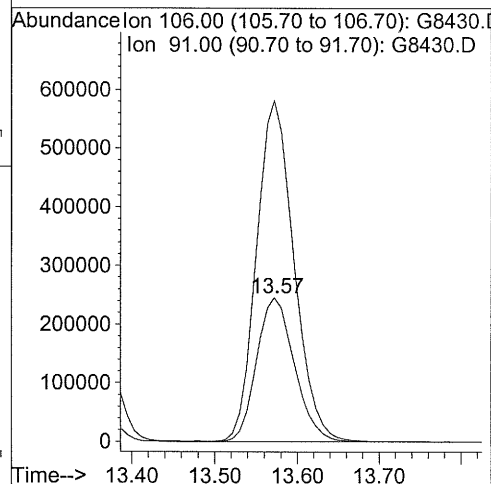
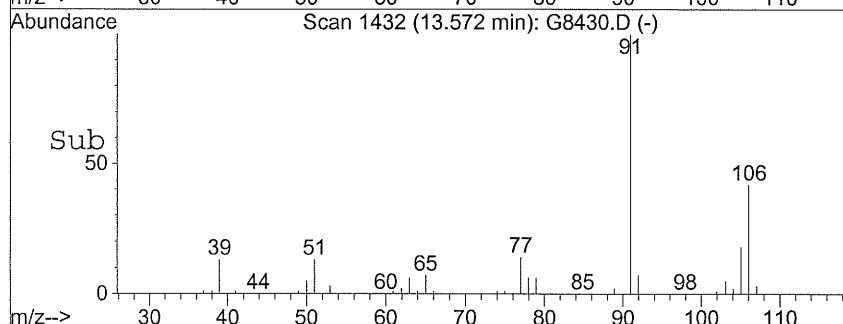
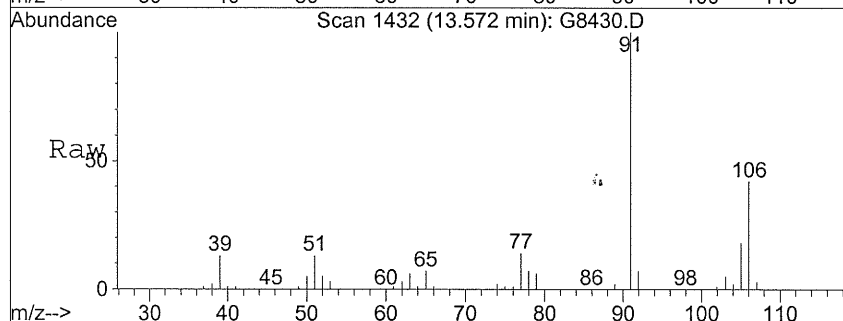
106 24.8 3.8 43.8





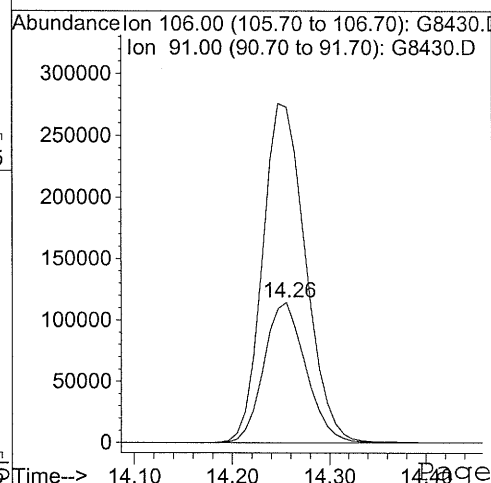
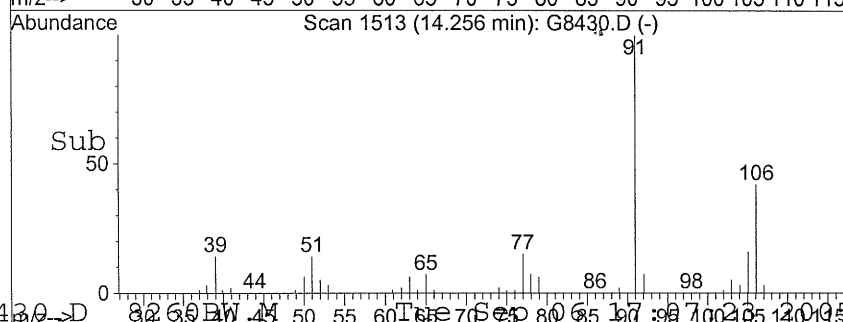
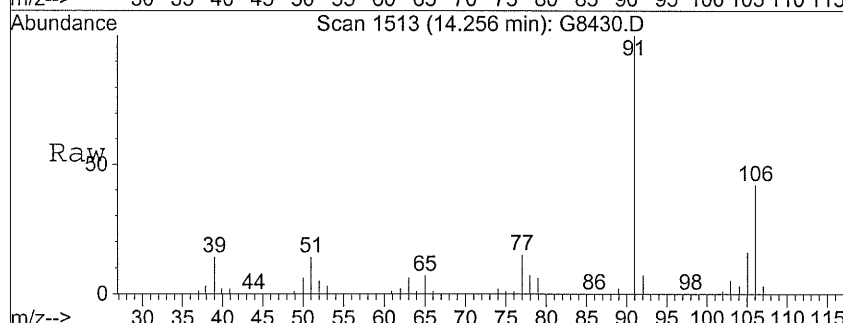
#61
 m,p-xylene
 Concen: 103.50 ug/L
 RT: 13.57 min Scan# 1432
 Delta R.T. -0.04 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

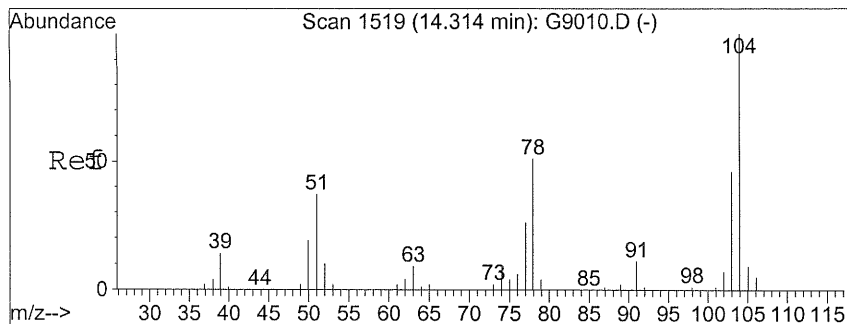
Tgt Ion:106 Resp: 782841
 Ion Ratio Lower Upper
 106 100
 91 237.2 218.2 258.2



#62
 o-xylene
 Concen: 52.27 ug/L
 RT: 14.26 min Scan# 1513
 Delta R.T. -0.04 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

Tgt Ion:106 Resp: 342562
 Ion Ratio Lower Upper
 106 100
 91 238.5 232.7 272.7





#63

styrene

Concen: 53.11 ug/L

RT: 14.31 min Scan# 1519

Delta R.T. -0.04 min

Lab File: G8430.D

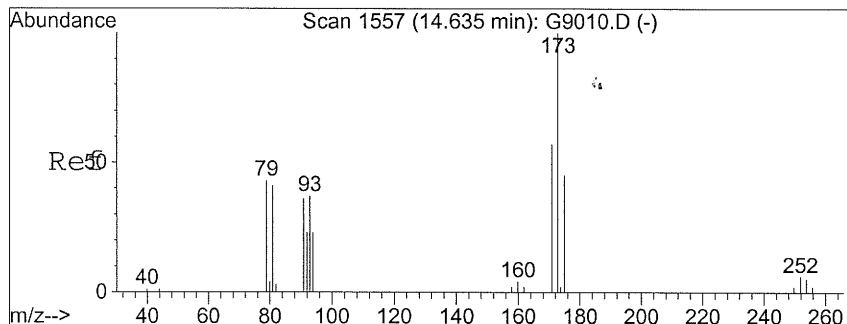
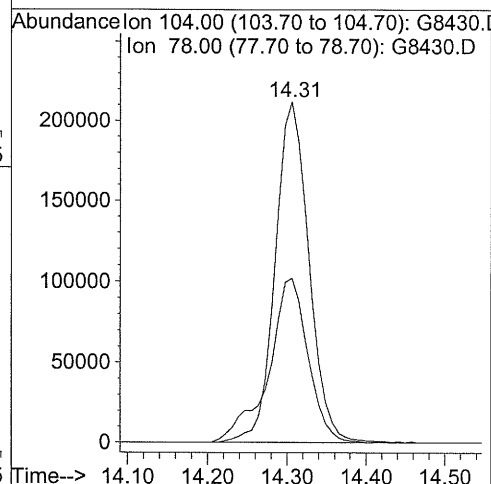
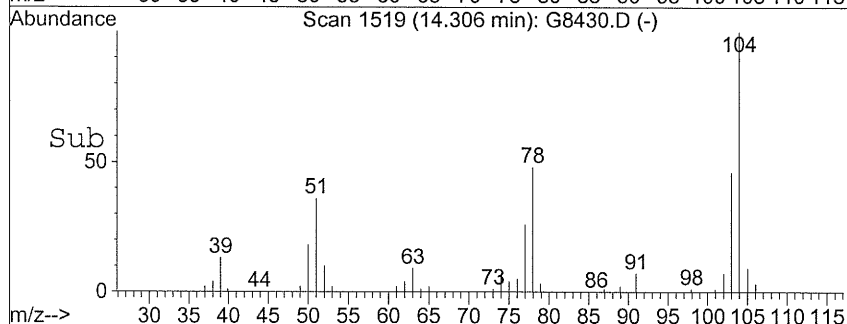
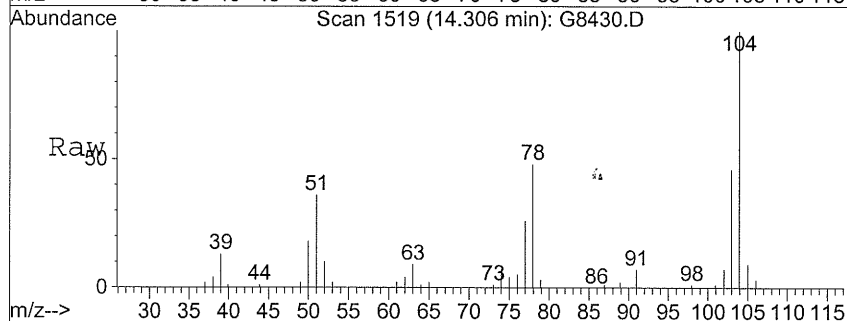
Acq: 20 Jun 05 14:39

Tgt Ion:104 Resp: 626574

Ion Ratio Lower Upper

104 100

78 48.2 30.0 70.0



#64

bromoform

Concen: 53.66 ug/L

RT: 14.63 min Scan# 1557

Delta R.T. -0.04 min

Lab File: G8430.D

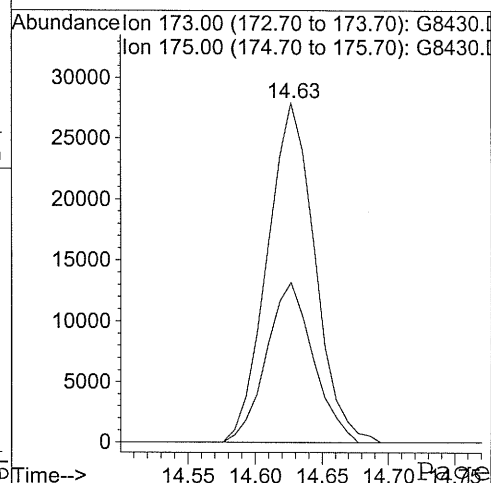
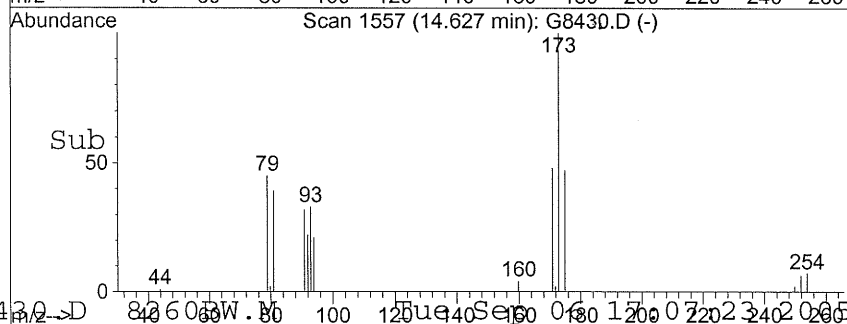
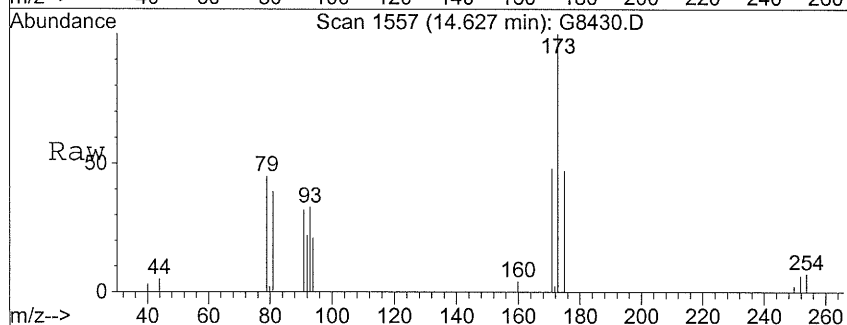
Acq: 20 Jun 05 14:39

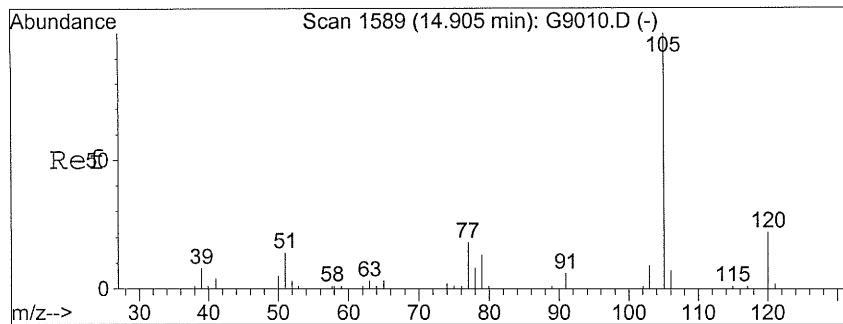
Tgt Ion:173 Resp: 69137

Ion Ratio Lower Upper

173 100

175 47.2 26.5 66.5





#67

isopropylbenzene

Concen: 51.47 ug/L

RT: 14.89 min Scan# 1588

Delta R.T. -0.05 min

Lab File: G8430.D

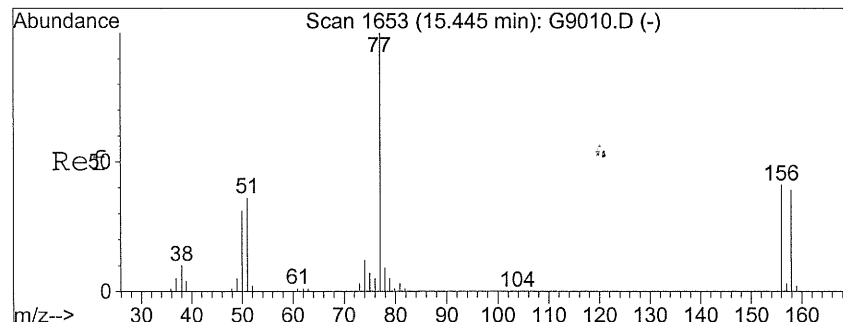
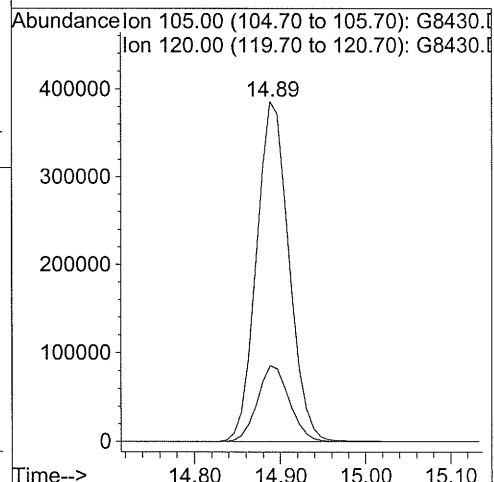
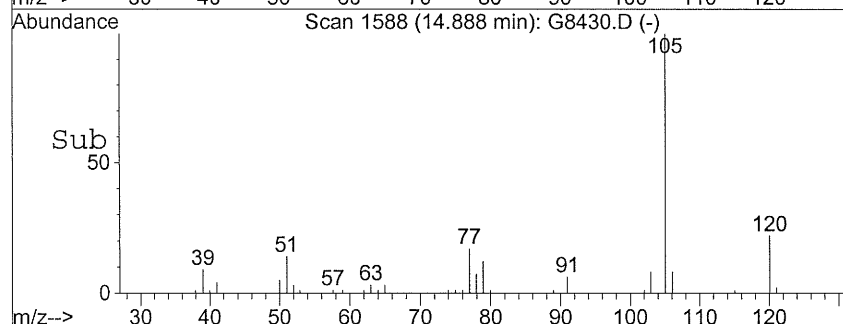
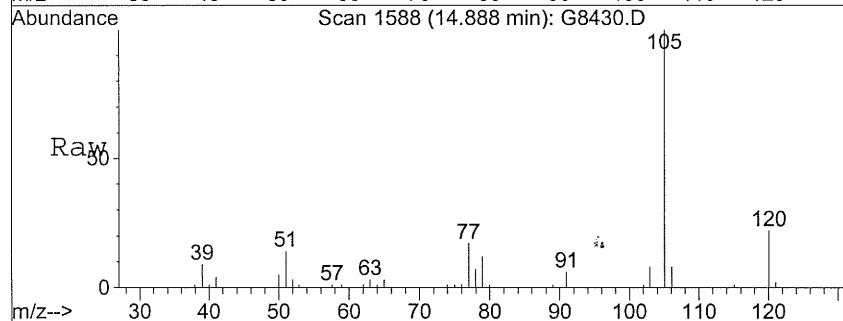
Acq: 20 Jun 05 14:39

Tgt Ion:105 Resp: 1010783

Ion Ratio Lower Upper

105 100

120 22.2 1.8 41.8



#68

bromobenzene

Concen: 50.38 ug/L

RT: 15.44 min Scan# 1653

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

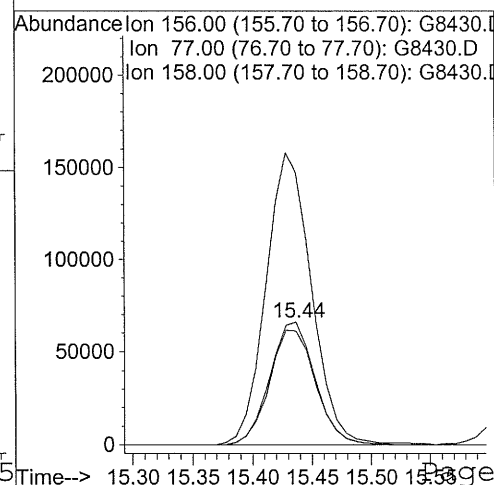
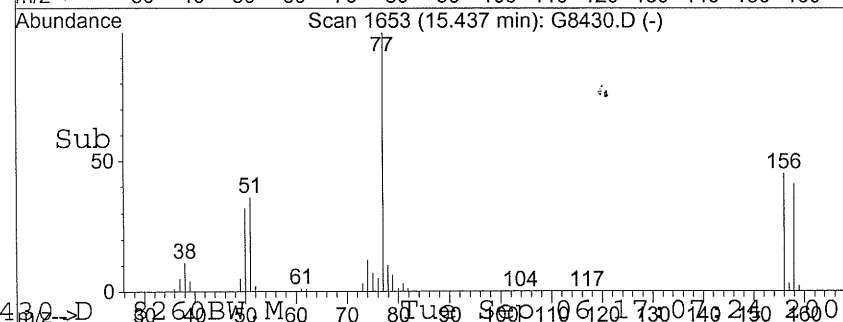
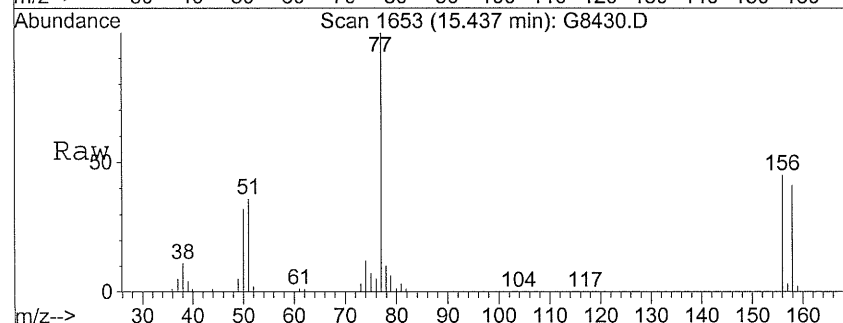
Tgt Ion:156 Resp: 174552

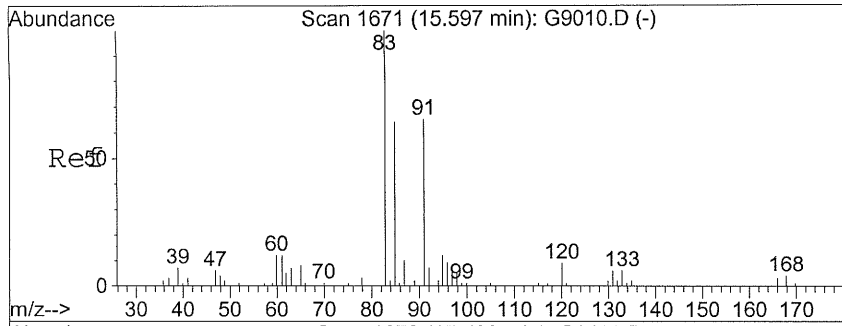
Ion Ratio Lower Upper

156 100

77 224.0 215.5 255.5

158 92.8 77.0 117.0





#69

1,1,2,2-tetrachloroethane

Concen: 47.01 ug/L m

RT: 15.58 min Scan# 1670

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

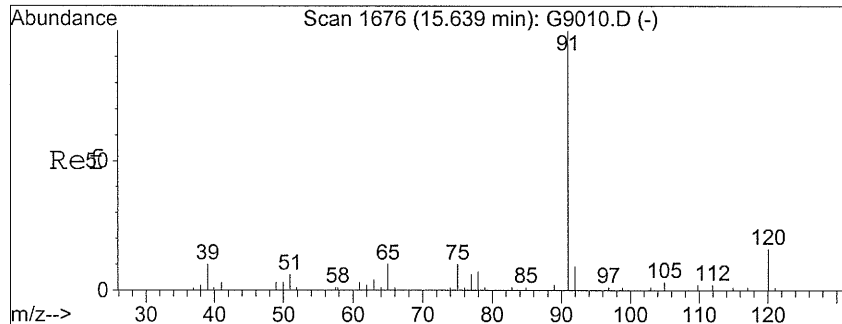
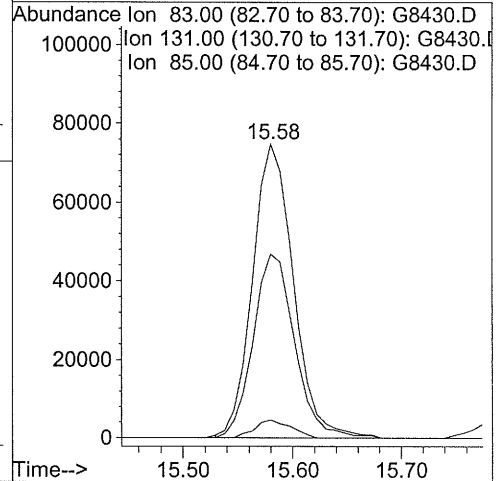
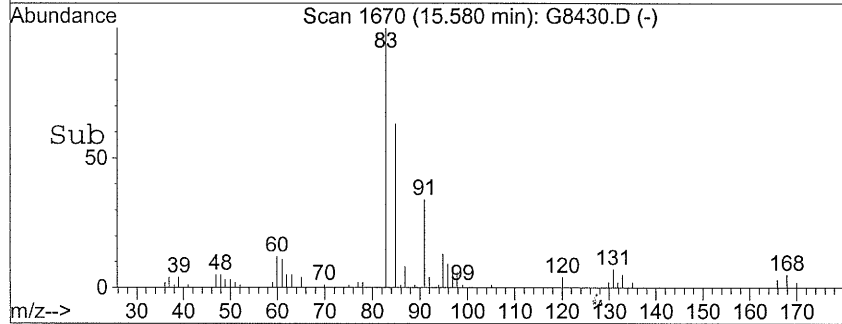
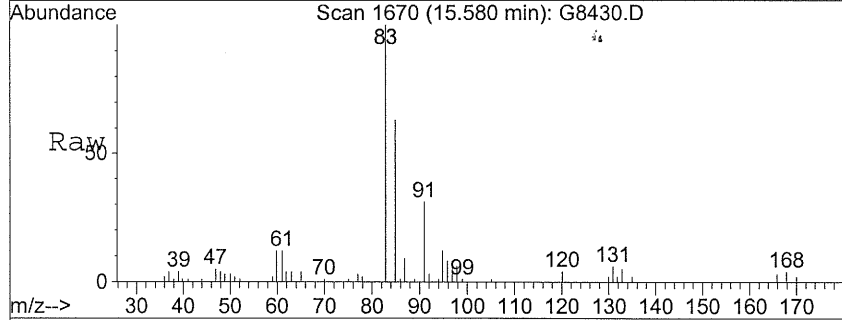
Tgt Ion: 83 Resp: 194521

Ion Ratio Lower Upper

83 100

131 6.1 0.0 25.7

85 62.8 41.8 81.8



#70

1,2,3-trichloropropane

Concen: 47.23 ug/L m

RT: 15.63 min Scan# 1676

Delta R.T. -0.04 min

Lab File: G8430.D

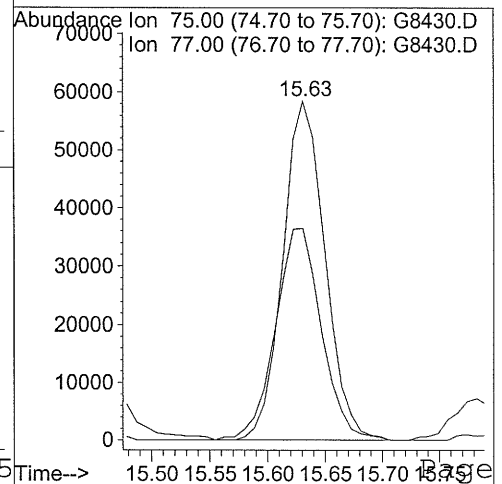
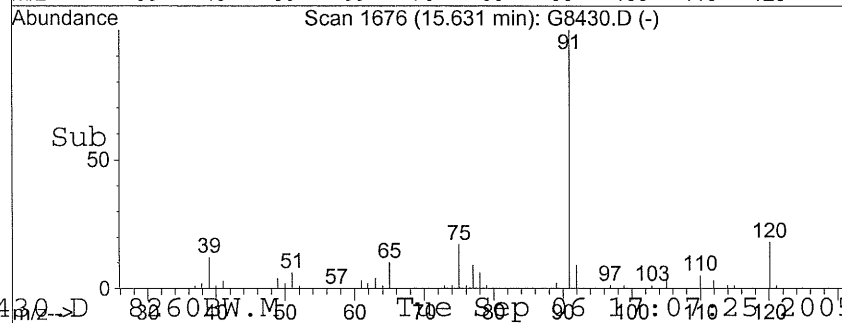
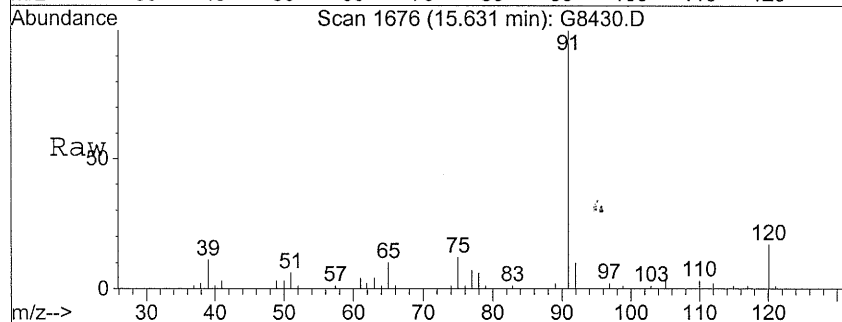
Acq: 20 Jun 05 14:39

Tgt Ion: 75 Resp: 149127

Ion Ratio Lower Upper

75 100

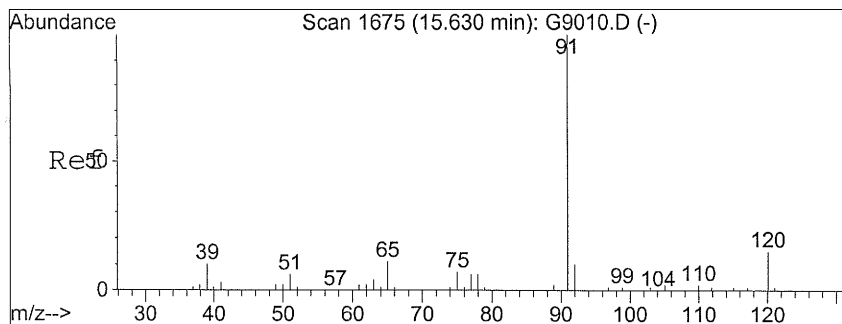
77 62.3 39.1 79.1



G8430.D 8260.D 15.60 min 60 170 Sep 05 10:01:25 2005

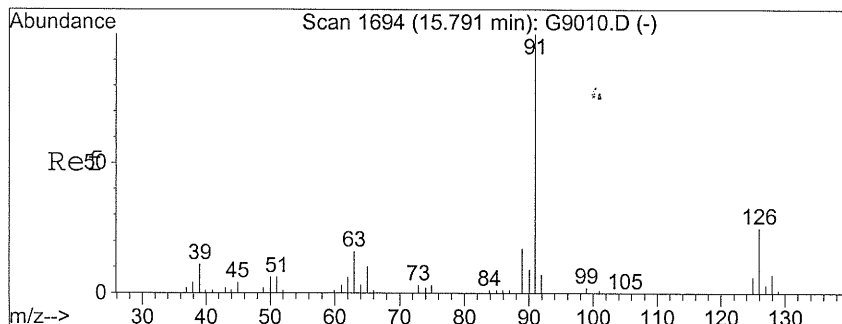
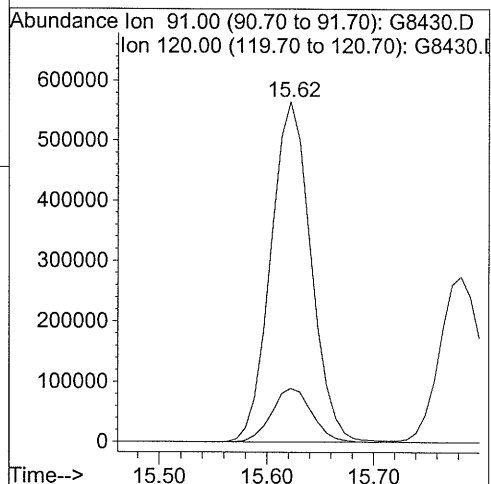
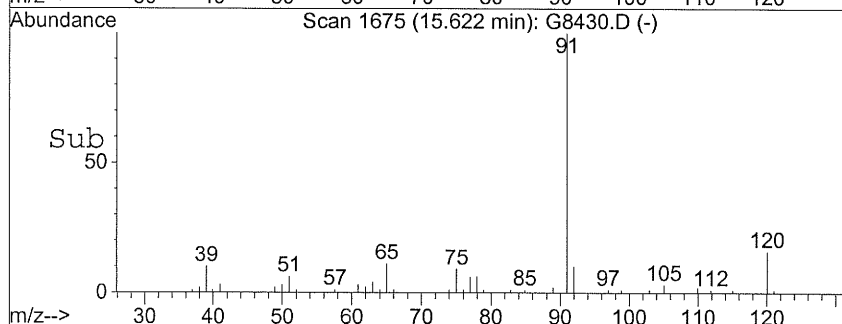
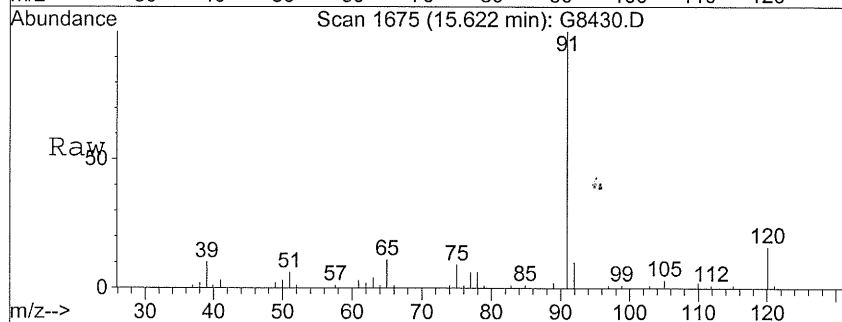
000248

35



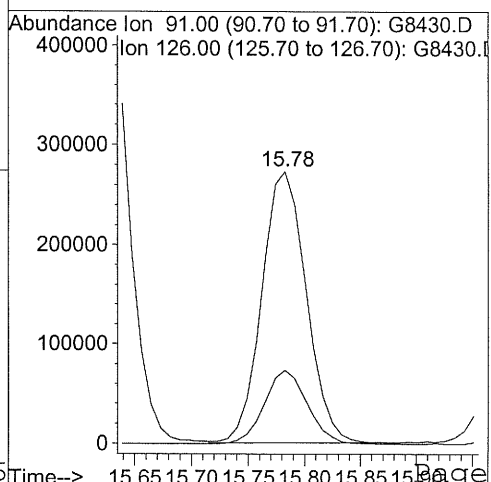
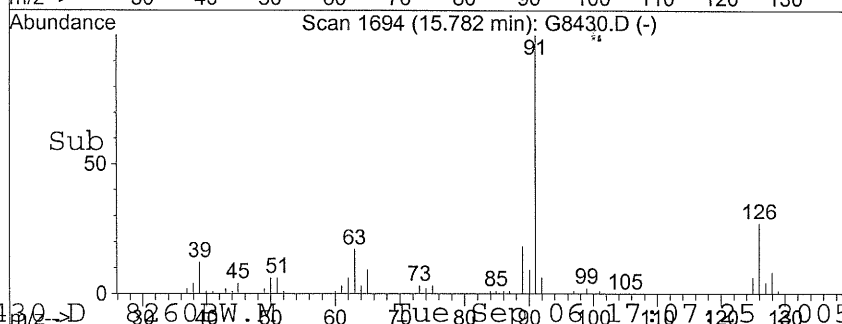
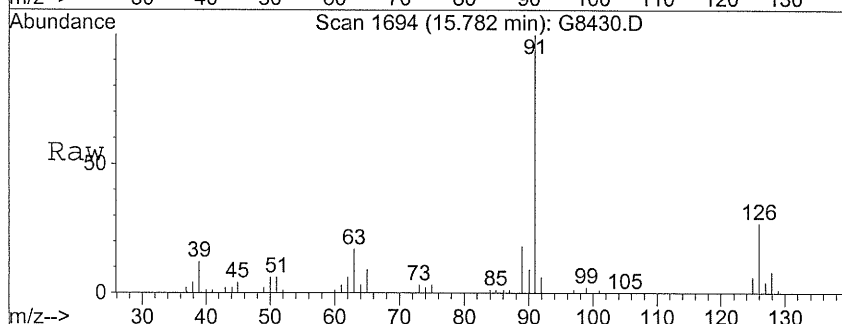
#71
n-propylbenzene
Concen: 50.60 ug/L
RT: 15.62 min Scan# 1675
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

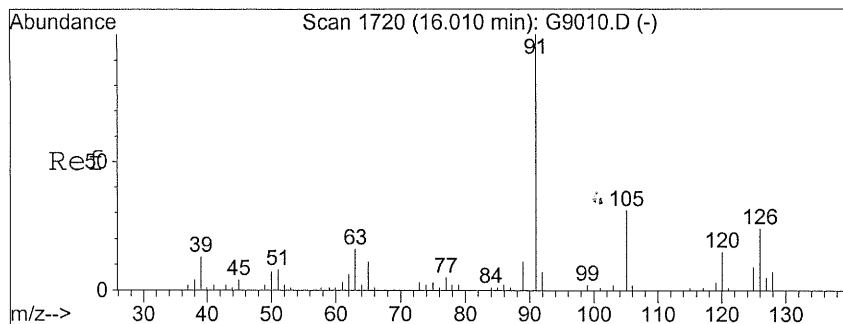
Tgt Ion: 91 Resp: 1475952
Ion Ratio Lower Upper
91 100
120 15.8 0.0 35.6



#72
2-chlorotoluene
Concen: 52.13 ug/L
RT: 15.78 min Scan# 1694
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

Tgt Ion: 91 Resp: 745782
Ion Ratio Lower Upper
91 100
126 27.1 5.4 45.4





#73

4-chlorotoluene

Concen: 50.67 ug/L

RT: 15.99 min Scan# 1719

Delta R.T. -0.04 min

Lab File: G8430.D

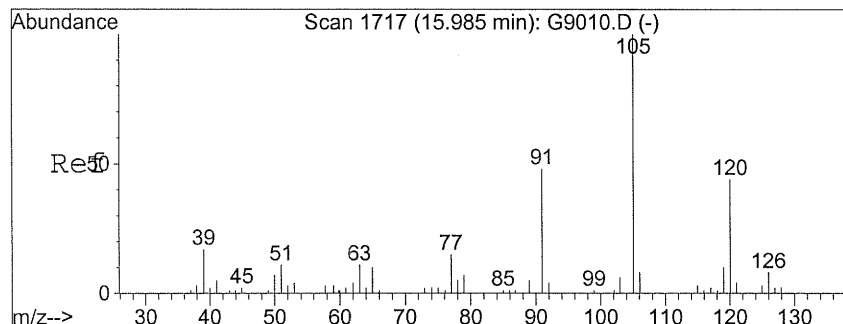
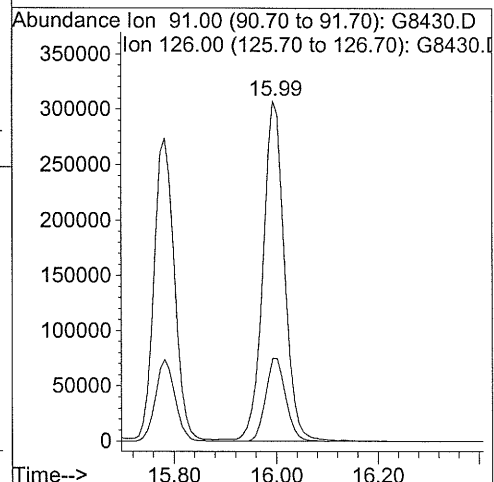
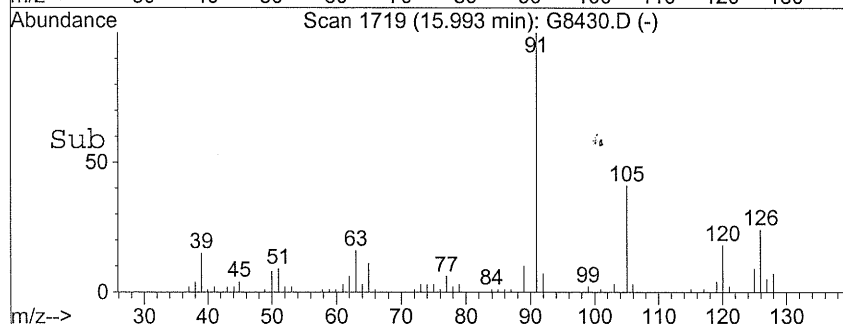
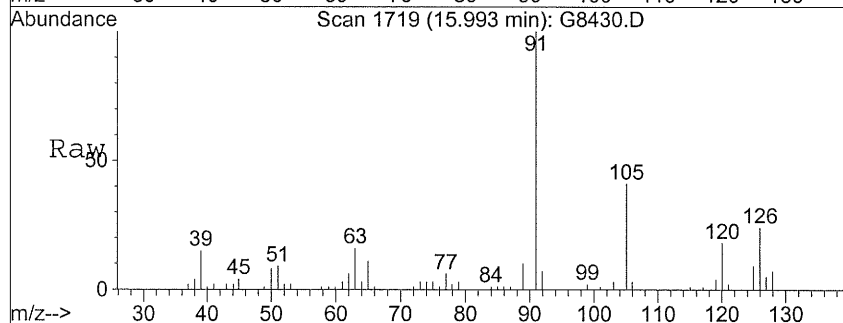
Acq: 20 Jun 05 14:39

Tgt Ion: 91 Resp: 901400

Ion Ratio Lower Upper

91 100

126 24.5 3.3 43.3



#74

1,3,5-trimethylbenzene

Concen: 50.86 ug/L

RT: 15.97 min Scan# 1716

Delta R.T. -0.04 min

Lab File: G8430.D

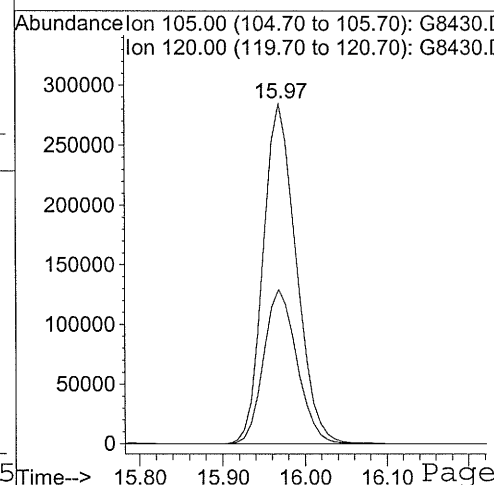
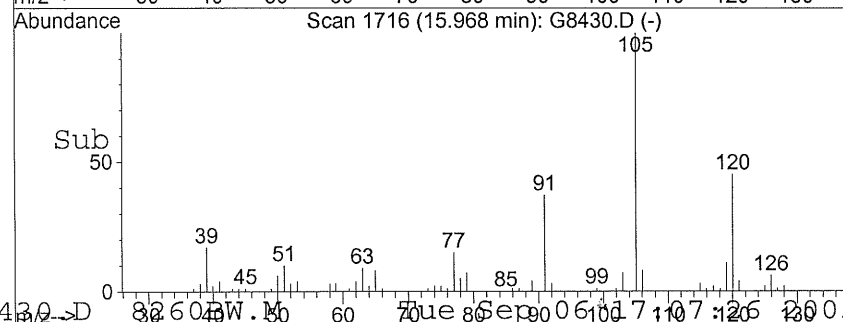
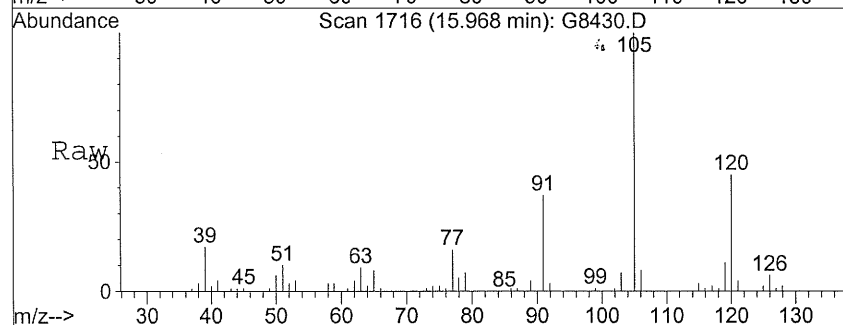
Acq: 20 Jun 05 14:39

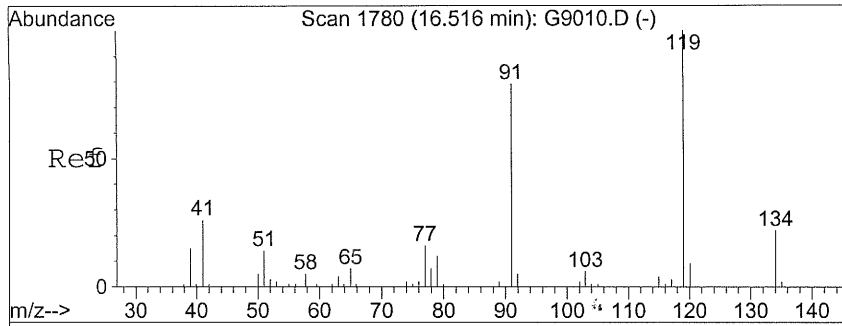
Tgt Ion: 105 Resp: 794076

Ion Ratio Lower Upper

105 100

120 45.4 25.2 65.2





#75

tert-butylbenzene

Concen: 50.86 ug/L

RT: 16.50 min Scan# 1779

Delta R.T. -0.04 min

Lab File: G8430.D

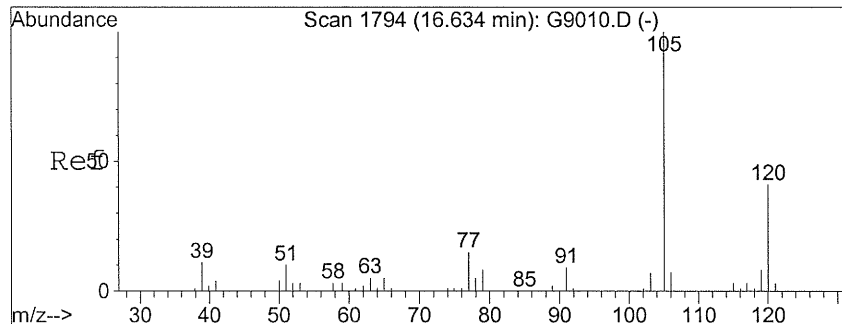
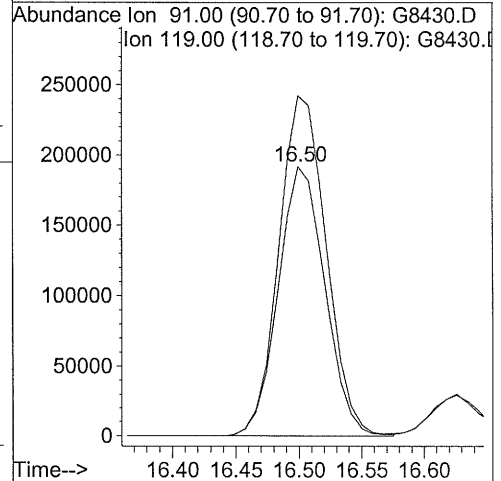
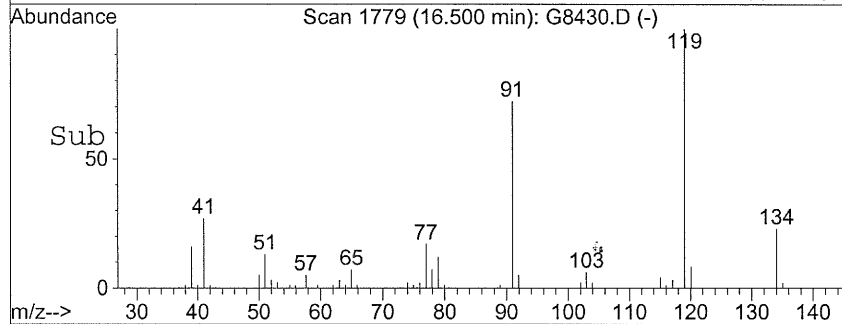
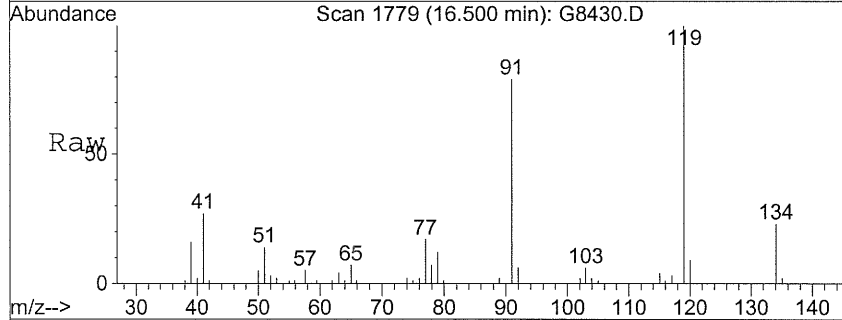
Acq: 20 Jun 05 14:39

Tgt Ion: 91 Resp: 496583

Ion Ratio Lower Upper

91 100

119 126.3 103.0 143.0



#76

1,2,4-trimethylbenzene

Concen: 50.91 ug/L

RT: 16.63 min Scan# 1794

Delta R.T. -0.04 min

Lab File: G8430.D

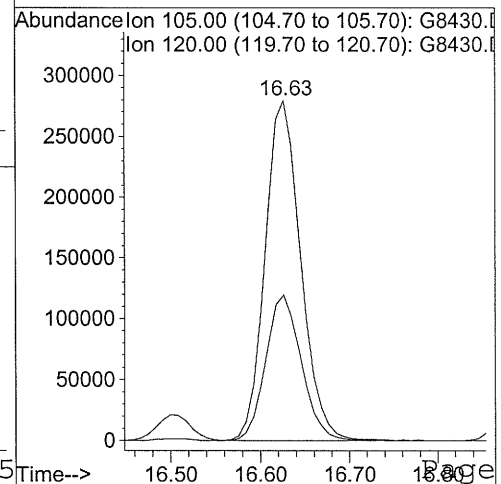
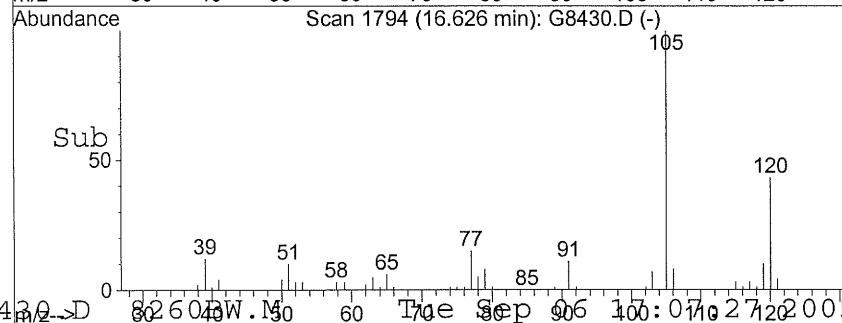
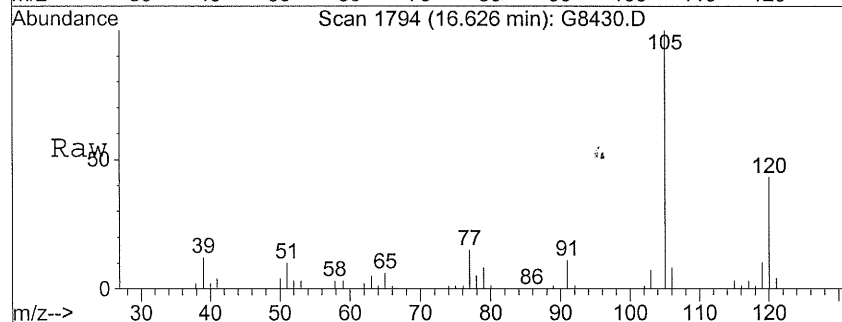
Acq: 20 Jun 05 14:39

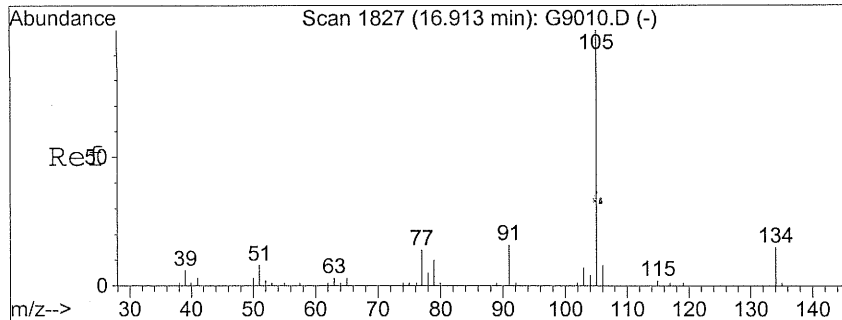
Tgt Ion: 105 Resp: 773262

Ion Ratio Lower Upper

105 100

120 42.7 22.9 62.9





#77

sec-butylbenzene

Concen: 52.03 ug/L

RT: 16.90 min Scan# 1827

Delta R.T. -0.04 min

Lab File: G8430.D

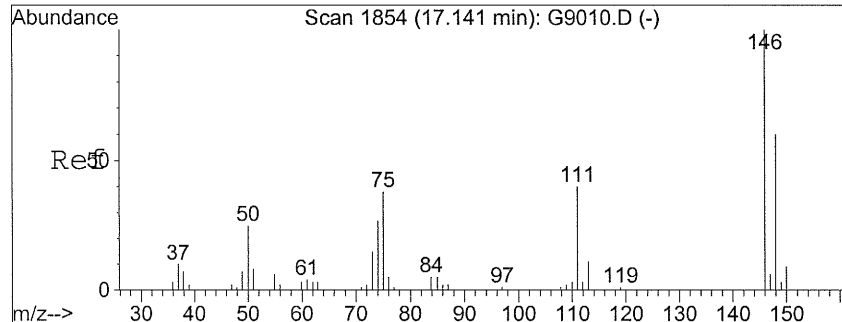
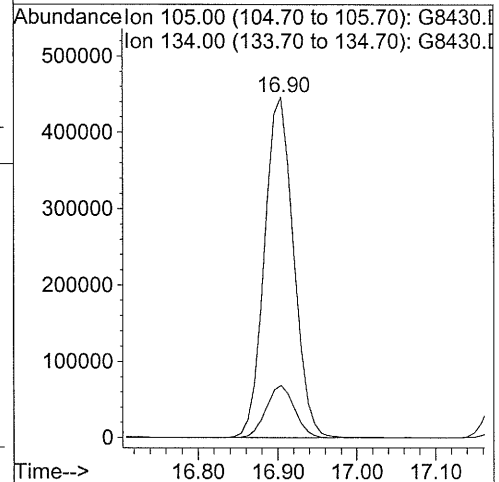
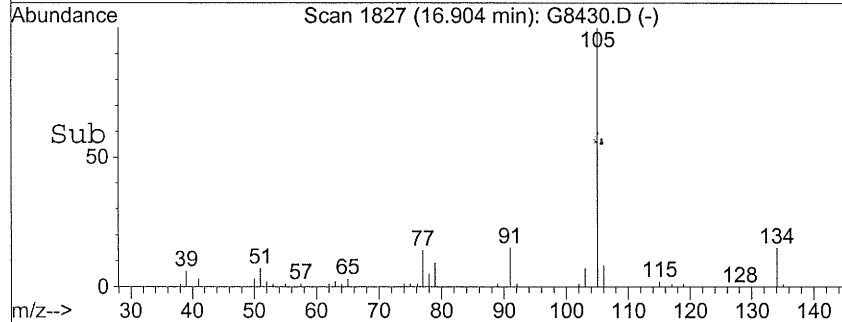
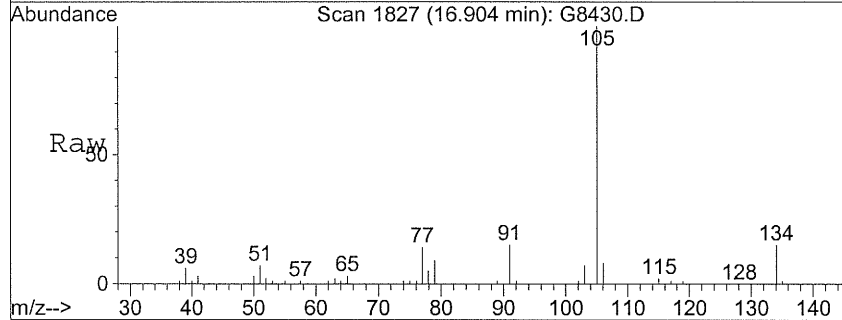
Acq: 20 Jun 05 14:39

Tgt Ion:105 Resp: 1137138

Ion Ratio Lower Upper

105 100

134 15.4 0.0 34.7



#78

1,3-dichlorobenzene

Concen: 50.82 ug/L

RT: 17.12 min Scan# 1853

Delta R.T. -0.04 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

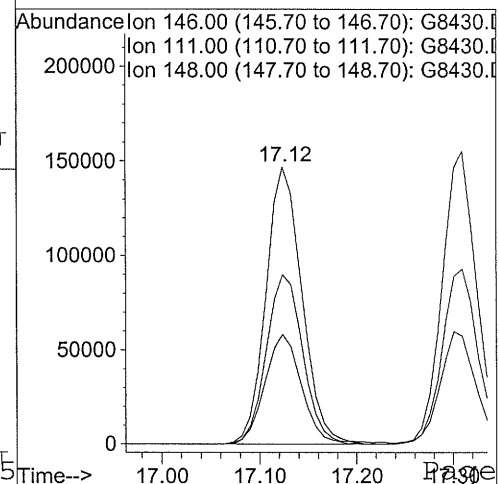
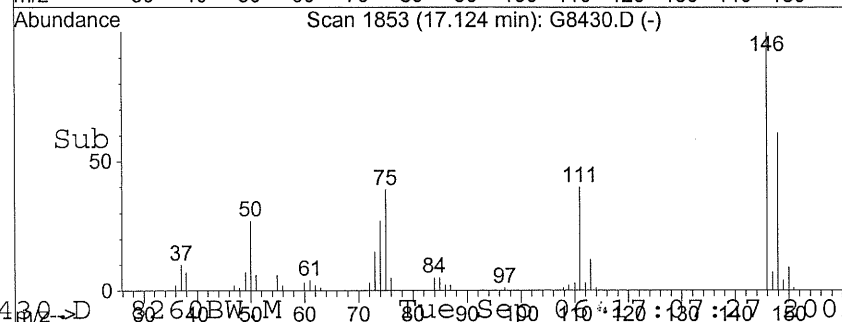
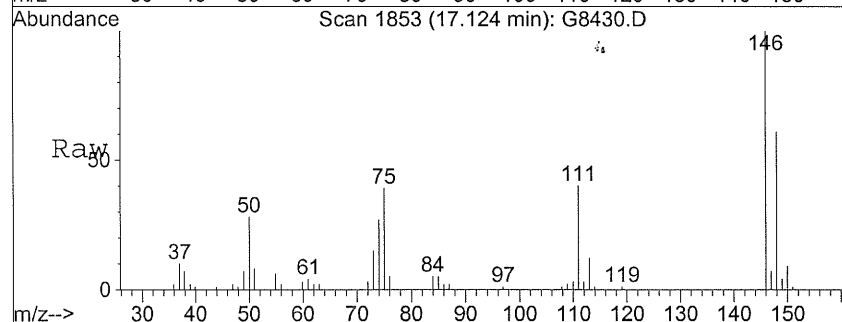
Tgt Ion:146 Resp: 378450

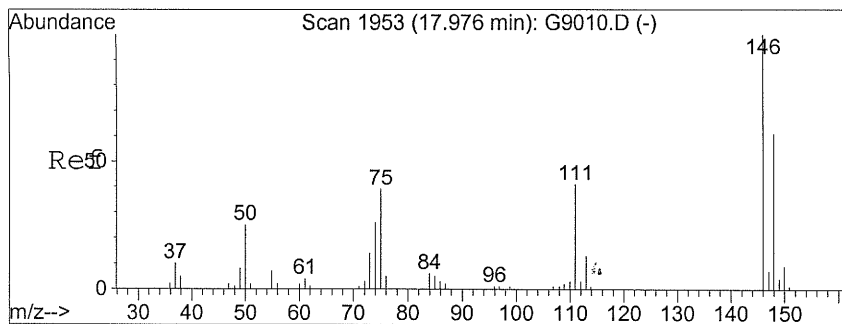
Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.2

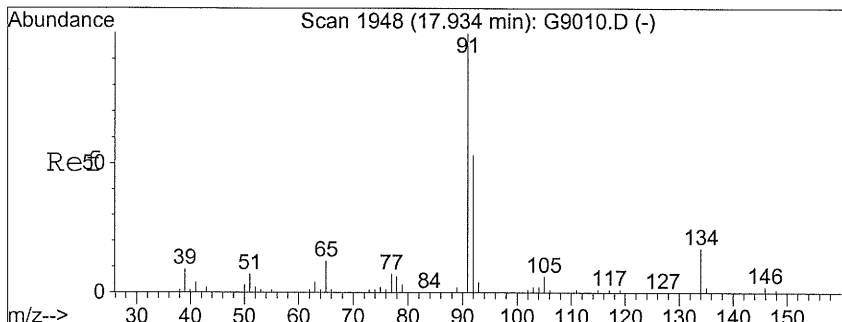
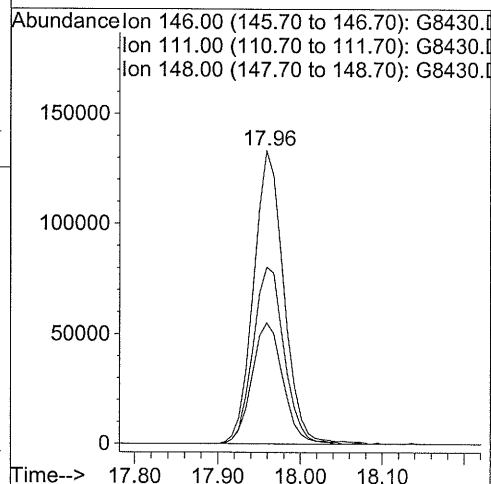
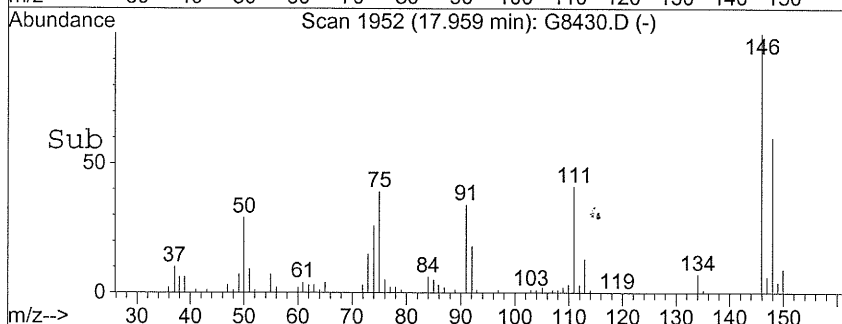
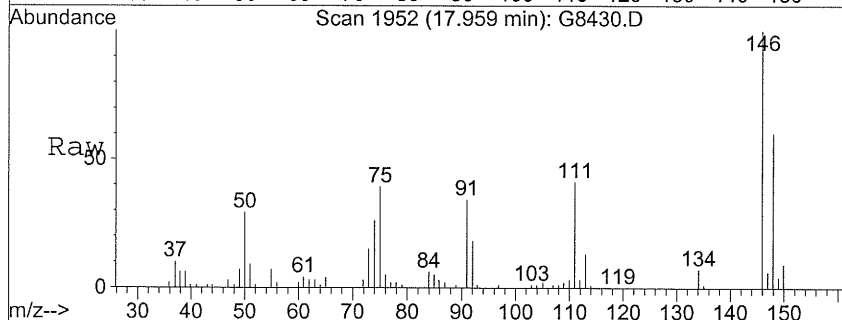
148 61.1 40.4 80.4





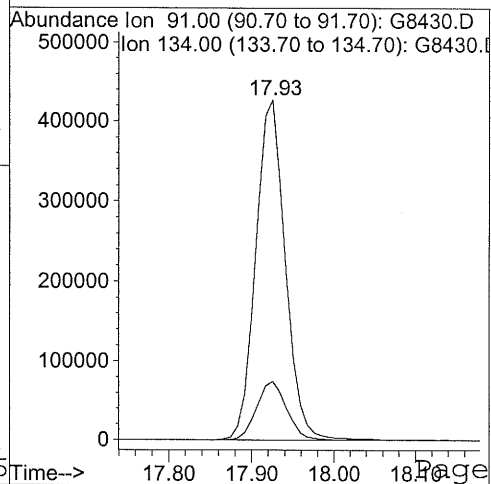
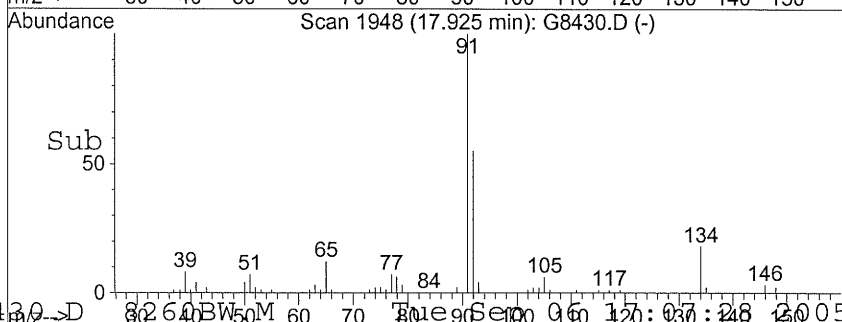
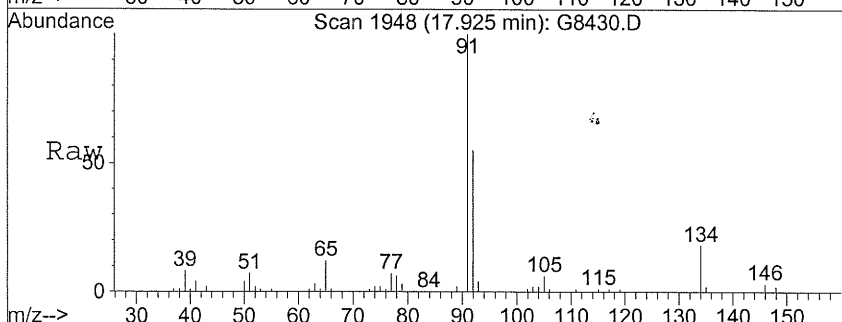
#81
 1,2-dichlorobenzene
 Concen: 50.11 ug/L
 RT: 17.96 min Scan# 1952
 Delta R.T. -0.04 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

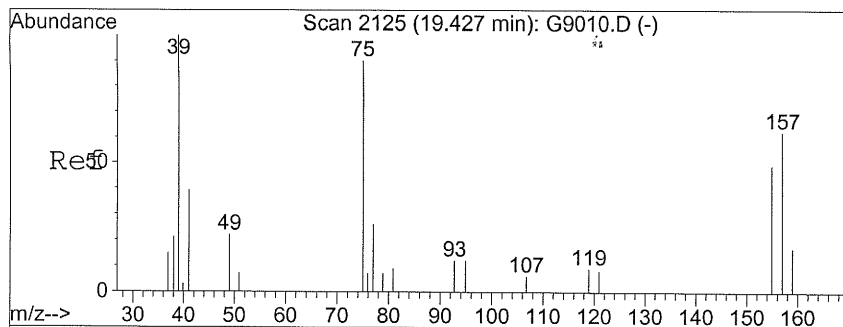
Tgt Ion: 146 Resp: 340908
 Ion Ratio Lower Upper
 146 100
 111 41.4 23.0 63.0
 148 60.3 43.9 83.9



#82
 n-butylbenzene
 Concen: 51.26 ug/L
 RT: 17.93 min Scan# 1948
 Delta R.T. -0.03 min
 Lab File: G8430.D
 Acq: 20 Jun 05 14:39

Tgt Ion: 91 Resp: 1065260
 Ion Ratio Lower Upper
 91 100
 134 17.5 0.0 36.3





#83

1,2-dibromo-3-chloropropane

Concen: 46.71 ug/L

RT: 19.42 min Scan# 2125

Delta R.T. -0.03 min

Lab File: G8430.D

Acq: 20 Jun 05 14:39

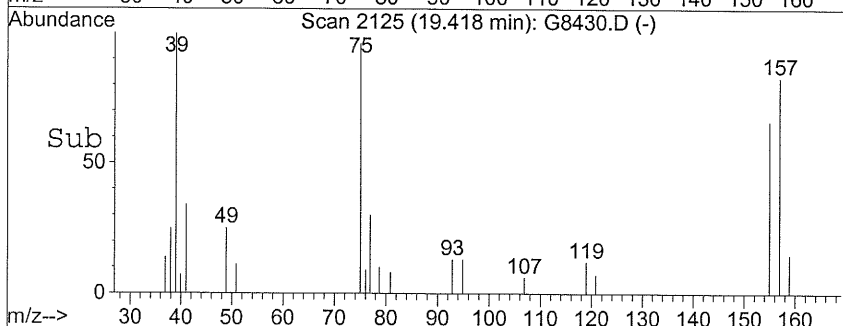
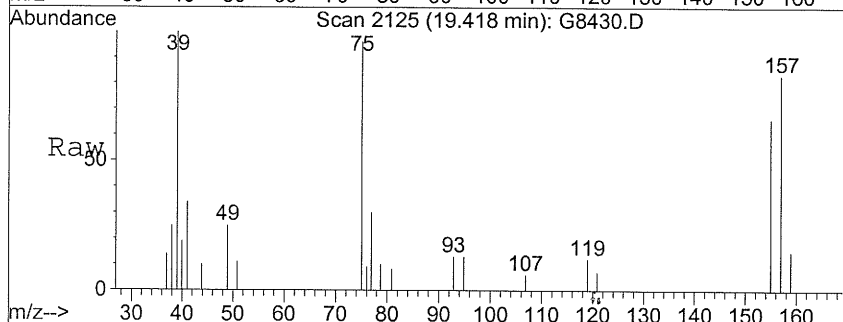
Tgt Ion: 75 Resp: 21557

Ion Ratio Lower Upper

75 100

155 69.5 33.5 73.5

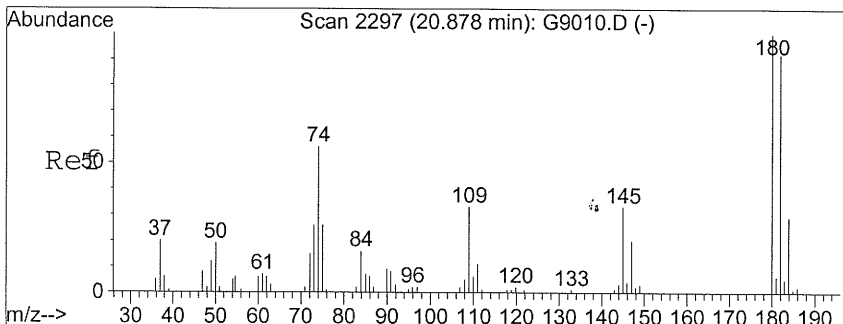
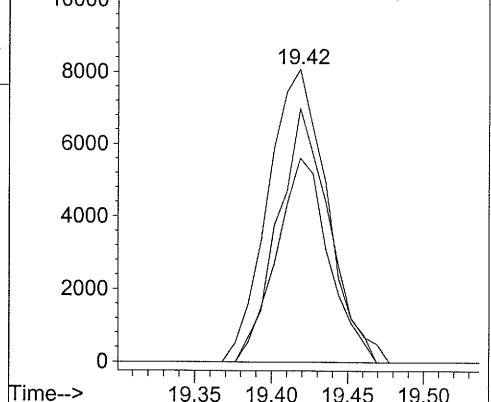
157 86.6 54.1 94.1



Abundance Ion 75.00 (74.70 to 75.70): G8430.D

Ion 155.00 (154.70 to 155.70): G8430.D

Ion 157.00 (156.70 to 157.70): G8430.D



#84

1,2,4-trichlorobenzene

Concen: 53.12 ug/L

RT: 20.88 min Scan# 2298

Delta R.T. -0.03 min

Lab File: G8430.D

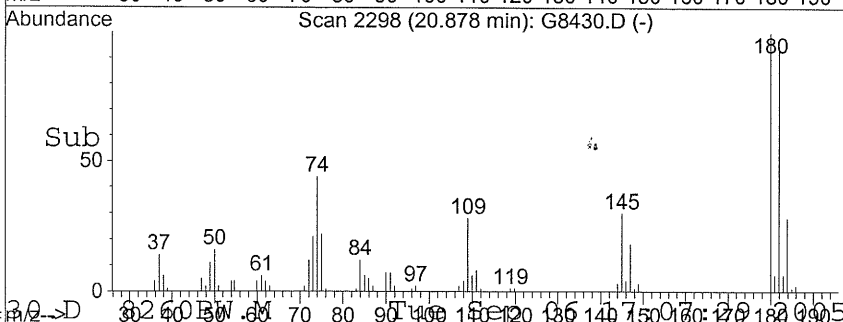
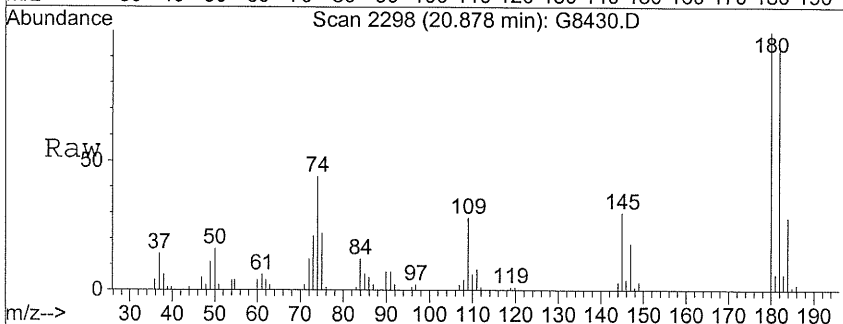
Acq: 20 Jun 05 14:39

Tgt Ion: 180 Resp: 180094

Ion Ratio Lower Upper

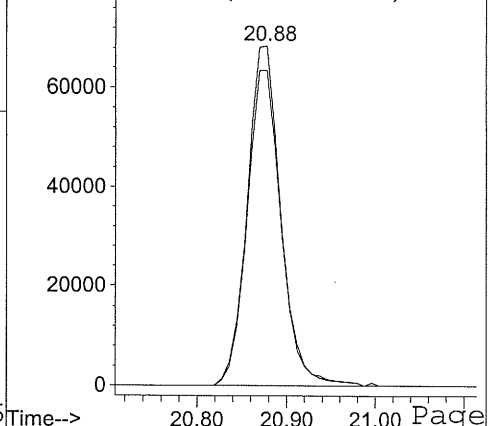
180 100

182 92.8 72.9 112.9



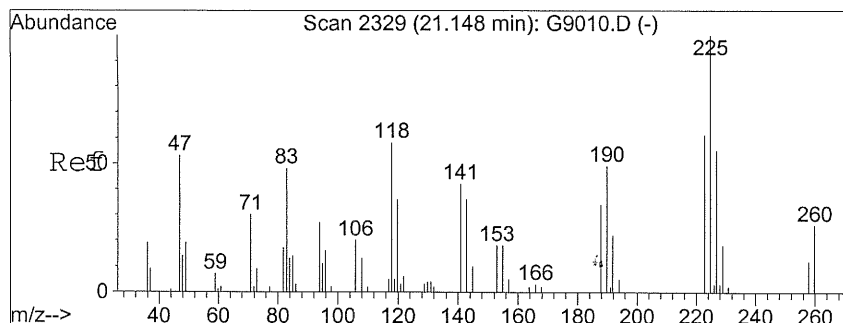
Abundance Ion 180.00 (179.70 to 180.70): G8430.D

Ion 182.00 (181.70 to 182.70): G8430.D



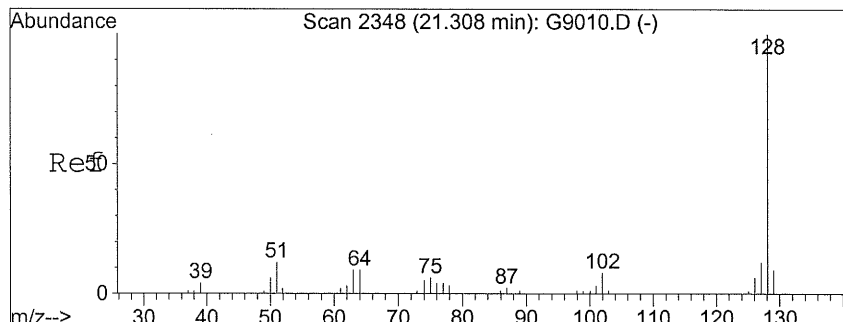
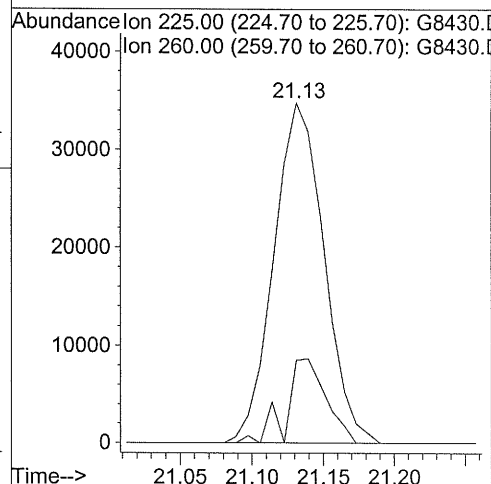
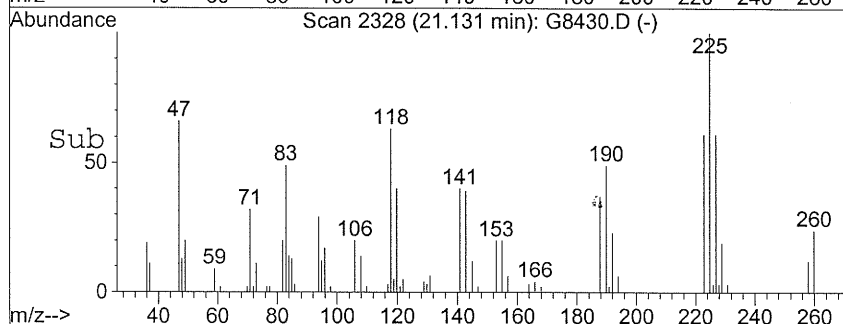
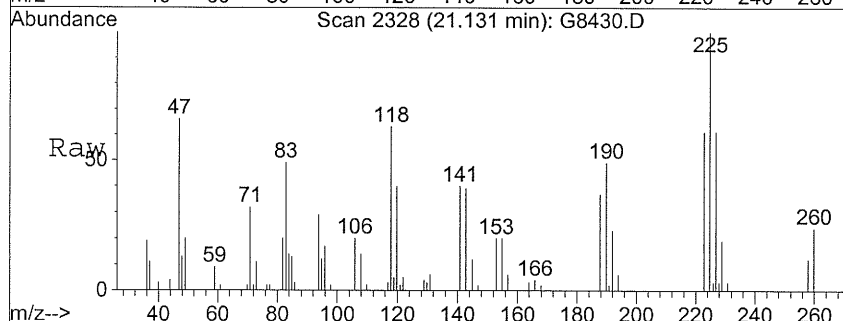
G8430.D 20.878 min 180.00

000254



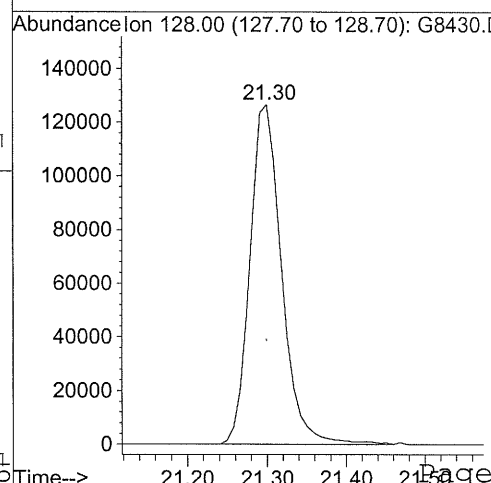
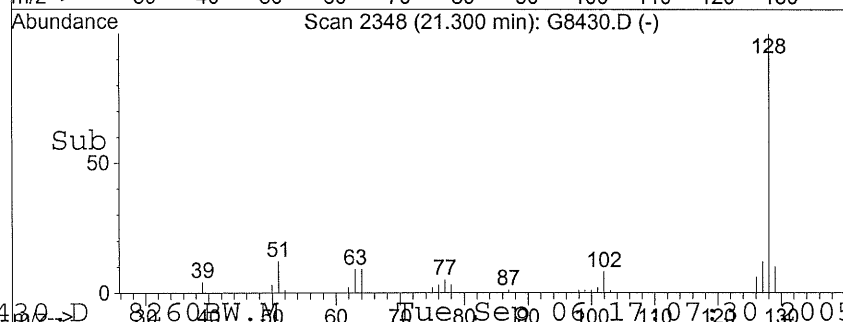
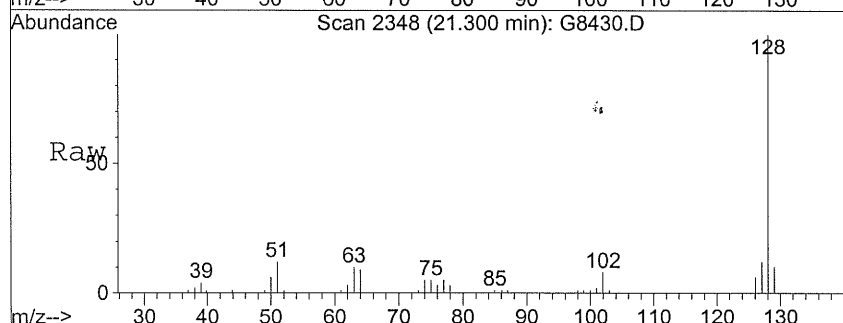
#85
hexachlorobutadiene
Concen: 51.60 ug/L
RT: 21.13 min Scan# 2328
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

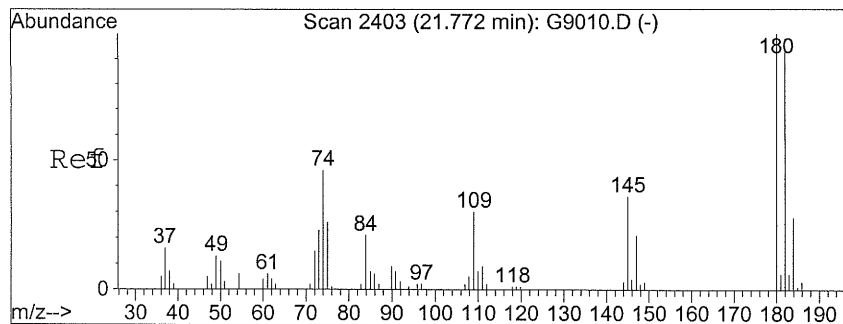
Tgt Ion:225 Resp: 85143
Ion Ratio Lower Upper
225 100
260 24.5 5.7 45.7



#86
naphthalene
Concen: 50.38 ug/L
RT: 21.30 min Scan# 2348
Delta R.T. -0.04 min
Lab File: G8430.D
Acq: 20 Jun 05 14:39

Tgt Ion:128 Resp: 350774





#87

1,2,3-trichlorobenzene

Concen: 50.66 ug/L

RT: 21.76 min Scan# 2403

Delta R.T. -0.03 min

Lab File: G8430.D

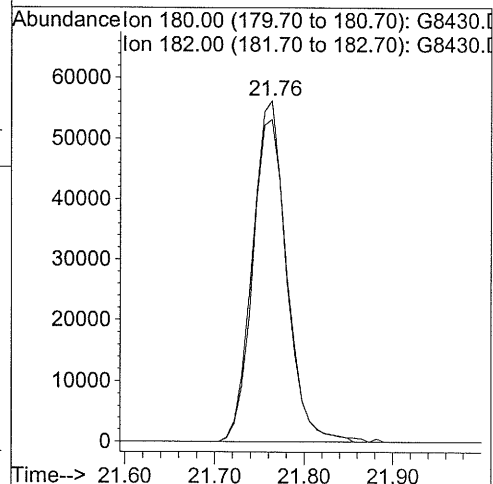
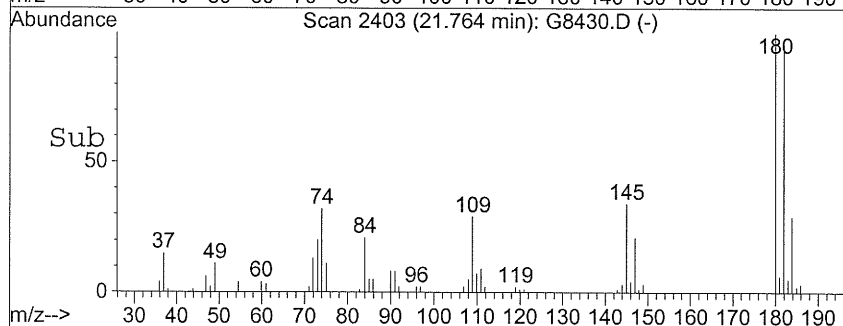
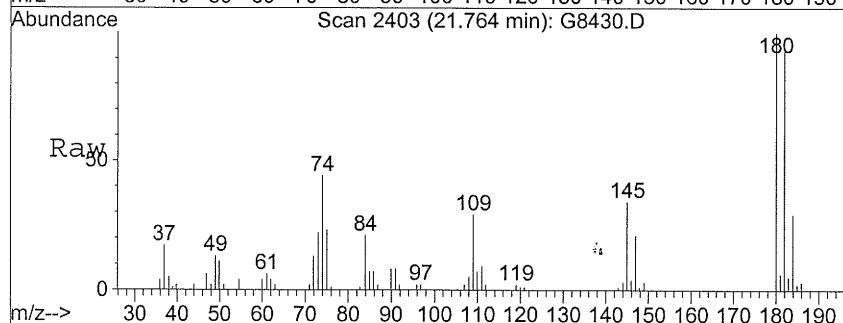
Acq: 20 Jun 05 14:39

Tgt Ion:180 Resp: 150484

Ion Ratio Lower Upper

180 100

182 94.5 71.3 111.3



1cs062105

Lab Name: Toxikon Corporation Contract: _____
 Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093
 Matrix: (soil/water) Aqueous Lab Sample ID: 1cs062105
 Sample wt/vol: _____ (g/mL) ML Lab File ID: G8446.D
 Level: (low/med) LOW Date Received: _____
 % Moisture: not dec. Date Analyzed: 6/21/2005
 GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00
 Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
630-20-6	1,1,1,2-Tetrachloroethane		52.8	D
71-55-6	1,1,1-Trichloroethane		50.5	D
79-34-5	1,1,2,2-Tetrachloroethane		50.5	D
79-00-5	1,1,2-Trichloroethane		52.1	D
75-34-3	1,1-Dichloroethane		59	D
75-35-4	1,1-Dichloroethene		50.1	D
563-58-6	1,1-Dichloropropene		47.5	D
87-61-6	1,2,3-Trichlorobenzene		55	D
96-18-4	1,2,3-Trichloropropane		50.6	D
120-82-1	1,2,4-Trichlorobenzene		53.8	D
95-63-6	1,2,4-Trimethylbenzene		51.1	D
96-12-8	1,2-Dibromo-3-chloropropane		50.4	D
106-93-4	1,2-Dibromoethane		53.4	D
95-50-1	1,2-Dichlorobenzene		52	D
107-06-2	1,2-Dichloroethane		51.3	D
78-87-5	1,2-Dichloropropane		51.4	D
108-67-8	1,3,5-Trimethylbenzene		50.4	D
541-73-1	1,3-Dichlorobenzene		51.3	D
142-28-9	1,3-Dichloropropane		52.2	D
106-46-7	1,4-Dichlorobenzene		50.3	D
590-20-7	2,2-Dichloropropane		51.9	D
78-93-3	2-Butanone		49.4	D
110-75-8	2-Chloroethyl vinyl ether		53	D
95-49-8	2-Chlorotoluene		51.5	D
591-78-6	2-Hexanone		51.1	D
106-43-4	4-Chlorotoluene		50.4	D
99-87-6	4-Isopropyltoluene		51.2	D
108-10-1	4-Methyl-2-pentanone		49.8	D
67-64-1	Acetone		54.2	D
107-13-1	Acrylonitrile		57	DJ
71-43-2	Benzene		52.4	D
108-86-1	Bromobenzene		50.3	D
74-97-5	Bromochloromethane		52.7	D

1cs062105

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 1cs062105

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8446.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. Date Analyzed: 6/21/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
75-27-4	Bromodichloromethane		52.6	D
75-25-2	Bromoform		56.9	D
74-83-9	Bromomethane		69.4	D
75-15-0	Carbon disulfide		53.6	D
56-23-5	Carbon tetrachloride		43.4	D
108-90-7	Chlorobenzene		51.8	D
75-00-3	Chloroethane		50.1	D
67-66-3	Chloroform		50.4	D
74-87-3	Chloromethane		50.8	D
156-59-2	cis-1,2-Dichloroethene		51.1	D
10061-01-5	cis-1,3-Dichloropropene		52.5	D
124-48-1	Dibromochloromethane		53.6	D
74-95-3	Dibromomethane		51.4	D
75-71-8	Dichlorodifluoromethane		48.2	D
100-41-4	Ethylbenzene		53.6	D
87-68-3	Hexachlorobutadiene		50.6	D
74-88-4	Iodomethane		44.9	D
98-82-8	Isopropylbenzene		50.5	D
1634-04-4	Methyl tert-butyl-ether		56	D
75-09-2	Methylene chloride		57.3	D
104-51-8	n-Butylbenzene		51.6	D
103-65-1	n-Propylbenzene		49.7	D
91-20-3	Naphthalene		54.8	D
135-98-8	sec-Butylbenzene		51.6	D
100-42-5	Styrene		55.2	D
98-06-6	tert-Butylbenzene		51.1	D
127-18-4	Tetrachloroethene		52.4	D
109-99-9	Tetrahydrofuran		51.2	D
108-88-3	Toluene		52.2	D
156-60-5	trans-1,2-Dichloroethene		60.6	D
10061-02-6	trans-1,3-Dichloropropene		54.8	D
79-01-6	Trichloroethene		51.6	D
75-69-4	Trichlorofluoromethane		49.5	D

1cs062105

Lab Name: Toxikon Corporation Contract: _____

Lab Code: 10778 Case No.: LBG WHIT SAS No.: _____ SDG No.: 0506093

Matrix: (soil/water) Aqueous Lab Sample ID: 1cs062105

Sample wt/vol: _____ (g/mL) ML Lab File ID: G8446.D

Level: (low/med) LOW Date Received: _____

% Moisture: not dec. Date Analyzed: 6/21/2005

GC Column: _____ ID: _____ (mm) Dilution Factor: 1.00

Extract Volume: _____ (μ l)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	μ g/L	Q
108-05-4	Vinyl acetate		49.5	D
75-01-4	Vinyl chloride		48.7	D
1330-20-7	Xylenes, Total		158	D

Data File : C:\HPCHEM\1\DATA\062105\G8446.D
 Acq On : 21 Jun 05 12:51
 Sample : lcs062105
 Misc : lcs asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 14:29 19105

Vial: 2
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062105\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Mon Jun 20 12:56:27 2005
 Response via : Initial Calibration
 DataAcq Meth : 8260BW

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) pentafluorobenzene	7.26	168	242063	50.00	ug/L	-0.03
34) 1,4-difluorobenzene	8.39	114	526387	50.00	ug/L	-0.04
52) chlorobenzene-d5	13.16	117	451825	50.00	ug/L	-0.02
66) 1,4-dichlorobenzene-d4	17.29	152	213163	50.00	ug/L	-0.02

System Monitoring Compounds

31) Dibromofluoromethane	7.12	113	172084	48.98	ug/L	-0.02
Spiked Amount	50.000	Range	86 - 118	Recovery	=	97.96%
48) toluene-d8	10.70	98	686968	50.71	ug/L	-0.03
Spiked Amount	50.000	Range	88 - 110	Recovery	=	101.42%
65) 4-Bromofluorobenzene	15.24	95	242996	51.61	ug/L	-0.02
Spiked Amount	50.000	Range	86 - 115	Recovery	=	103.22%

Target Compounds

						Qvalue
2) dichlorodifluoromethane	1.54	85	245011	48.23	ug/L	100
3) chloromethane	1.75	50	516509	50.79	ug/L	99
4) vinyl chloride	1.86	62	460955	48.71	ug/L	100
5) bromomethane	2.24	96	252178	69.40	ug/L	96
6) chloroethane	2.35	64	260929	50.06	ug/L	98
7) trichlorofluoromethane	2.63	101	451940	49.52	ug/L	98
8) Diethyl Ether	3.03	45	178814	47.31	ug/L	100
9) Acrolein	3.28	56	81410	231.73	ug/L	98
10) Acetone	3.53	43	67806	54.20	ug/L	98
11) 1,1-dichloroethene	3.32	96	272499	50.11	ug/L	93
12) Iodomethane	3.55	142	231403	44.87	ug/L	97
13) methylene chloride	4.18	84	319054	57.30	ug/L	88
14) Carbon Disulfide	3.59	76	1162216	53.57	ug/L	93
15) Isopropyl Alcohol	3.03	45	178814	493.56	ug/L	98
16) Acetonitrile	4.18	41	15043	55.43	ug/L	99
17) Acrylonitrile	4.71	53	68761	57.07	ug/L	99
18) tert-Butyl alcohol	4.50	59	141828	496.09	ug/L	100
19) methyl tert-butyl ether	4.56	73	615114	56.02	ug/L	100
20) trans-1,2-dichloroethene	4.56	96	305097m	60.65	ug/L	87
21) n-Hexane	4.91	57	522690m	60.14	ug/L	25
22) 1,1-dichloroethane	5.32	63	583515	59.00	ug/L	97
23) di-isopropyl ether	5.39	45	988087m	52.29	ug/L	64
24) Vinyl Acetate	5.44	43	667075m	49.46	ug/L	93

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

Data File : C:\HPCHEM\1\DATA\062105\G8446.D
Acq On : 21 Jun 05 12:51
Sample : lcs062105
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:29 19105

Vial: 2
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062105\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Mon Jun 20 12:56:27 2005
Response via : Initial Calibration
DataAcq Meth : 8260BW

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
25) ethyl tert-butyl ether	6.00	59	616398	50.70	ug/L	99
26) 2-Butanone	6.41	43	89873	49.45	ug/L	97
27) 2,2-dichloropropane	6.24	77	364814	51.89	ug/L	99
28) cis-1,2-dichloroethene	6.31	96	244065	51.07	ug/L	96
29) bromochloromethane	6.70	128	79432	52.70	ug/L	95
30) chloroform	6.86	83	454638	50.43	ug/L	96
32) Tetrahydrofuran	6.73	42	46474	51.23	ug/L	94
33) 1,1,1-trichloroethane	7.04	97	310553	50.50	ug/L	100
35) carbon tetrachloride	7.24	117	267855	43.42	ug/L	97
36) 1,1-dichloropropene	7.31	75	420575	47.47	ug/L	99
37) benzene	7.63	78	1097450	52.41	ug/L	98
38) 1,2-dichloroethane	7.79	62	308409	51.30	ug/L	98
39) tert amyl methyl ether	7.85	73	503908	52.49	ug/L	98
40) trichloroethene	8.72	95	221839	51.58	ug/L	97
41) 1,2-dichloropropane	9.14	63	247056	51.44	ug/L	99
42) dibromomethane	9.33	93	120104	51.42	ug/L	97
44) bromodichloromethane	9.62	83	307875	52.64	ug/L	98
45) 2-Chloroethyl vinyl ether	10.17	63	101843	53.01	ug/L	96
46) 4-Methyl-2-Pentanone	10.65	43	194555	49.81	ug/L	99
47) cis-1,3-dichloropropene	10.36	75	377382	52.54	ug/L	98
49) toluene	10.81	92	584553	52.20	ug/L	99
50) trans-1,3-dichloropropene	11.35	75	306991	54.85	ug/L	98
51) 1,1,2-trichloroethane	11.63	83	145657	52.06	ug/L	99
53) 2-Hexanone	12.05	43	121333	51.08	ug/L	99
54) tetrachloroethene	11.68	166	166449	52.42	ug/L	97
55) 1,3-dichloropropane	11.90	76	323129	52.22	ug/L	98
56) dibromochloromethane	12.22	129	149054	53.65	ug/L	100
57) 1,2-dibromoethane	12.39	107	137598	53.39	ug/L	96
58) chlorobenzene	13.21	112	526683	51.82	ug/L	97
59) 1,1,1,2-tetrachloroethane	13.38	131	160739	52.77	ug/L	98
60) ethylbenzene	13.37	91	1177680	53.55	ug/L	98
61) m,p-xylene	13.60	106	768460	105.22	ug/L	99
62) o-xylene	14.27	106	336771	53.22	ug/L	98
63) styrene	14.32	104	628655	55.18	ug/L	98
64) bromoform	14.64	173	70796	56.90	ug/L	93
67) isopropylbenzene	14.91	105	1000889	50.53	ug/L	100
68) bromobenzene	15.45	156	175852	50.33	ug/L	98

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

Data File : C:\HPCHEM\1\DATA\062105\G8446.D
Acq On : 21 Jun 05 12:51
Sample : lcs062105
Misc : lcs asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:29 19105

Vial: 2
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

Quant Method : C:\HPCHEM\1\DATA\062105\8260BW.M (RTE Integrator)
Title : SW-846 Method 8260B
Last Update : Mon Jun 20 12:56:27 2005
Response via : Initial Calibration
DataAcq Meth : 8260BW

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
69) 1,1,2,2-tetrachloroethane	15.61	83	210908m	50.54	ug/L	98
70) 1,2,3-trichloropropane	15.66	75	161136m	50.60	ug/L	92
71) n-propylbenzene	15.64	91	1462913	49.73	ug/L	99
72) 2-chlorotoluene	15.80	91	743410	51.53	ug/L	99
73) 4-chlorotoluene	16.02	91	903630	50.37	ug/L	97
74) 1,3,5-trimethylbenzene	15.99	105	793831	50.41	ug/L	99
75) tert-butylbenzene	16.53	91	503335	51.12	ug/L	98
76) 1,2,4-trimethylbenzene	16.64	105	782640	51.09	ug/L	99
77) sec-butylbenzene	16.92	105	1136474	51.56	ug/L	99
78) 1,3-dichlorobenzene	17.15	146	384959	51.26	ug/L	98
79) 4-isopropyltoluene	17.21	119	851811	51.17	ug/L	98
80) 1,4-dichlorobenzene	17.33	146	393189	50.31	ug/L	99
81) 1,2-dichlorobenzene	17.99	146	356855	52.01	ug/L	98
82) n-butylbenzene	17.94	91	1080623	51.56	ug/L	97
83) 1,2-dibromo-3-chloropropan	19.44	75	23475	50.43	ug/L	92
84) 1,2,4-trichlorobenzene	20.90	180	184003	53.81	ug/L	98
85) hexachlorobutadiene	21.16	225	84242	50.62	ug/L	99
86) naphthalene	21.32	128	384771	54.79	ug/L	100
87) 1,2,3-trichlorobenzene	21.78	180	164700	54.97	ug/L	100

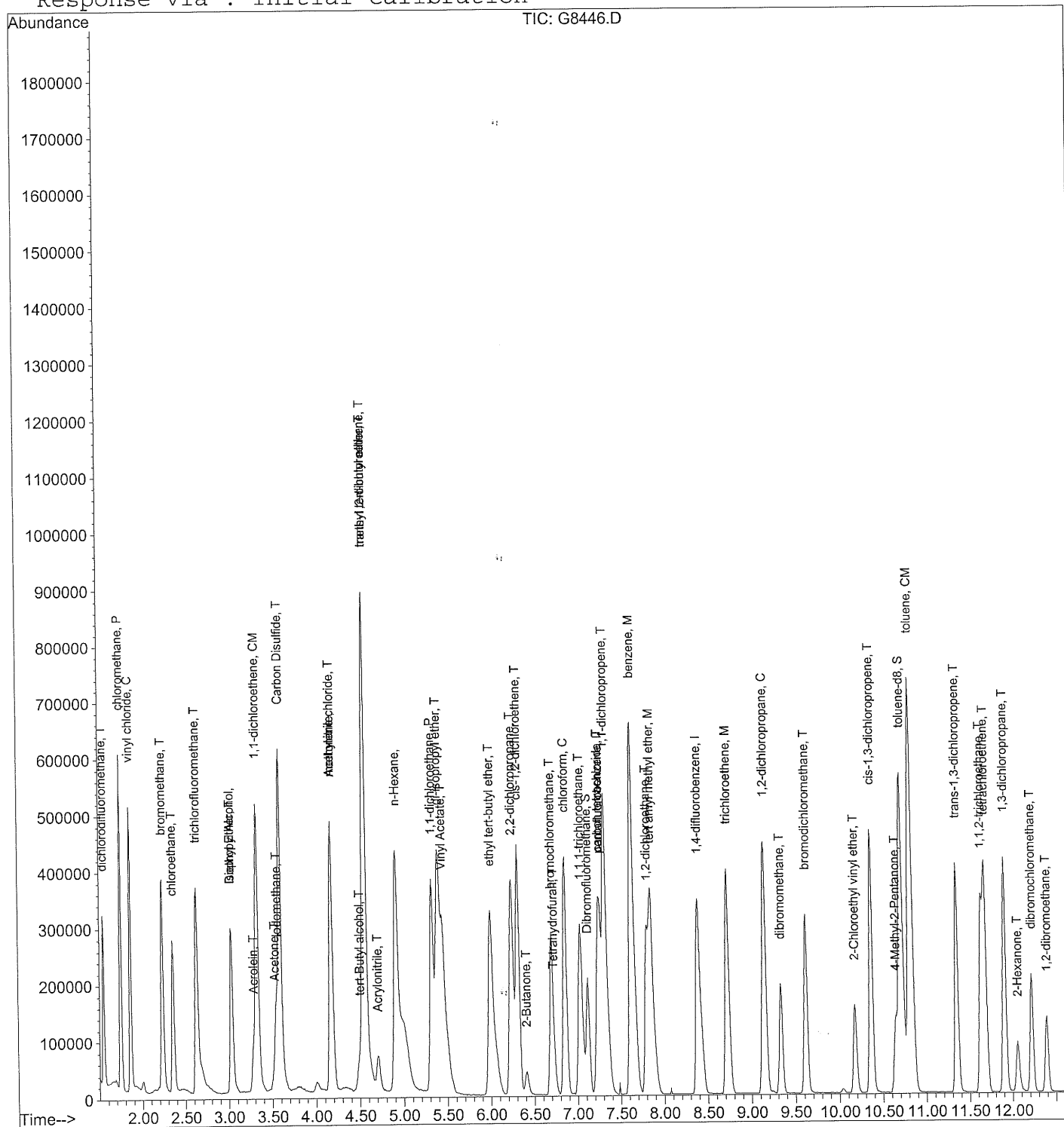
Quantitation Report

```
Data File : C:\HPCHEM\1\DATA\062105\G8446.D
Acq On    : 21 Jun 05   12:51
Sample    : lcs062105
Misc      : lcs   asp_8260w
MS Integration Params: rteint.p
Quant Time: Jun 21 14:29 19105
```

Vial: 2
Operator: xl
Inst : inst g
Multiplr: 1.00

Quant Results File: 8260BW.RES

```
Method      : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
Title       : SW-846 Method 8260B
Last Update : Fri Aug 26 18:37:34 2005
Response via : Initial Calibration
```



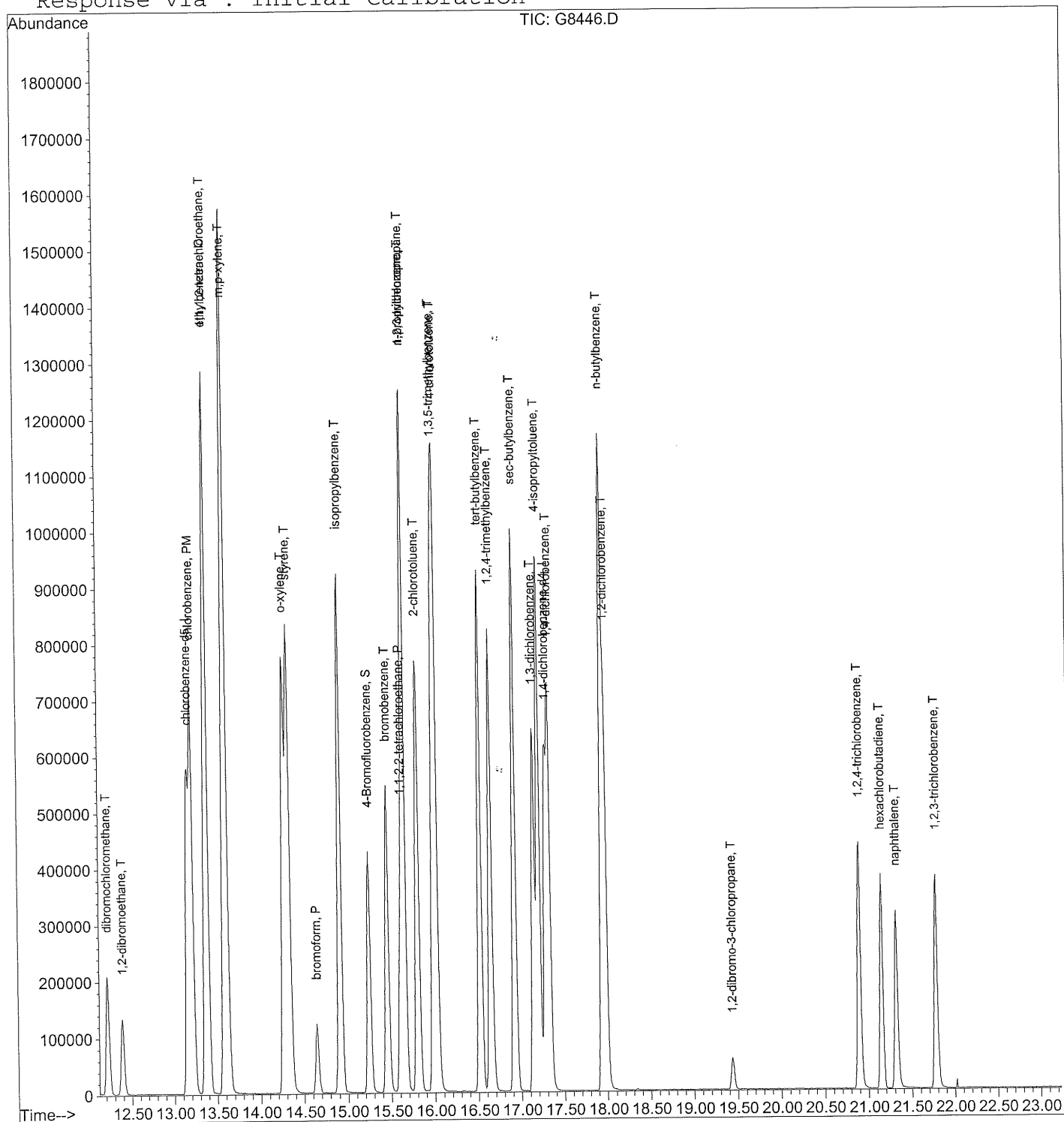
Quantitation Report

Data File : C:\HPCHEM\1\DATA\062105\G8446.D
 Acq On : 21 Jun 05 12:51
 Sample : lcs062105
 Misc : lcs asp_8260w
 MS Integration Params: rteint.p
 Quant Time: Jun 21 14:29 19105

Vial: 2
 Operator: xl
 Inst : inst g
 Multiplr: 1.00

Quant Results File: 8260BW.RES

Method : C:\HPCHEM\1\DATA\082605\8260BW.M (RTE Integrator)
 Title : SW-846 Method 8260B
 Last Update : Fri Aug 26 18:37:34 2005
 Response via : Initial Calibration



LOGBOOK PAGES

TOXIKON GC/MS VOLATILE ANALYSIS LOG INSTRUMENT G

MAINTENANCE PERFORMED:

WORKING STANDARD ID (enter when a new standard is used):

DATE	DATAFILE	CLIENT	LAB ID	SEQ	DILUTION	WT	ALS	COMMENTS	OPERATOR
6/20/15	68448926		5019 137B				ME		XL
	68427		5019 820 524				2	ATP-820 w	XL
	68428		1344062005				3		XL
	68429		1344062005				3		XL
	68430		1344062005				2		XL
	68431		1344062005				3		XL
	68432		0506093-044				3		XL
	68433		0506093-054				4		XL
	68434		0506093-064				7		XL
	68435		0506093-014				8		XL
	68436		0506093-024				9		XL
	68437		0506093-034				10		XL
	68438		0506093-044				11		XL
	68439		0506093-044				12		XL
	68440		1344062005				13		XL
							14		XL
							15		XL
							16		XL
							17		XL
							18		XL
							19		XL
							20		XL
							21		XL
							22		XL
							23		XL
							24		XL
							25		XL
							26		XL
							27		XL

000266

000053

TOXIKON GC/MS VOLATILE ANALYSIS LOG INSTRUMENT G

MAINTENANCE PERFORMED:

WORKING STANDARD ID (enter when a new standard is used):

DATE	DATAFILE	CLIENT	LAB ID	SEQ	DILUTION	WT	ALS	COMMENTS	OPERATOR
6/21/05	G84440		50 ng 13443				102		XL
	G84441		50 ng 13443				12F		XL
	G84442		50 mg 8260-5				2		XL
	G84443		50 mg 8260-5				2		XL
	G84444		13443 062105				3		XL
	G84445		13443 062105				4		XL
	G84446		13443 062105				2		XL
	G84447		0506093-034		1:50	100µl	3	8260-5	XL
	G84448		0506093-054		1:2	25µl	4	8260-5	XL
	G84449		0506085-014		1:50	100µl	7	8260-5	XL
	G84450		0506085-024		1:50	100µl	8	8260-5	XL
	G84451		0506085-034		1:50	100µl	9	8260-5	XL
	G84452		0506085-044		1:50	100µl	10	8260-5	XL
	G84453		0506130-134		1:50	100µl	11	8260-5	XL
	G84454		0506142-014		1:5	100µl	14	1311-1014	XL
	G84455		0506153-014		1:5	100µl	15	1311-1014	XL
	G84456		0506101-014		1:5	100µl	16	1311-8260	XL
	G84457		0506101-024		1:5	100µl	17	1311-8260	XL
	G84458		0506142-014		1:5	100µl	18	1311-8260	XL
	G84459		0506181-014		1:5	100µl	19	1311-8260	XL
	G84460		0506098-024		1:5	100µl	20	1311-8260	XL
	G84461		0506098-024		1:5	100µl	21	1311-8260	XL
	G84462		0506098-024		1:5	100µl	22	1311-8260	XL
	G84463		0506121-034		1:5	100µl	23	1311-8260	XL
	G84464		0506121-054		1:5	100µl	24	1311-8260	XL
	G84465		0506121-064		1:20	250µl	25	1311-8260	XL
									XL

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