Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:52:01 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-dichlorobenzene-d4	9.89	152	5021445	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	19777065	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	10769899	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	16186852	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9412076	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	4486797	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2025893	31.28	ug/L	0.00
Spiked Amount 40.000			Recovery = 78.20%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	33876	N.D.		
30) Nnitrosodiphenylamine	20.50	169	38188	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
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Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

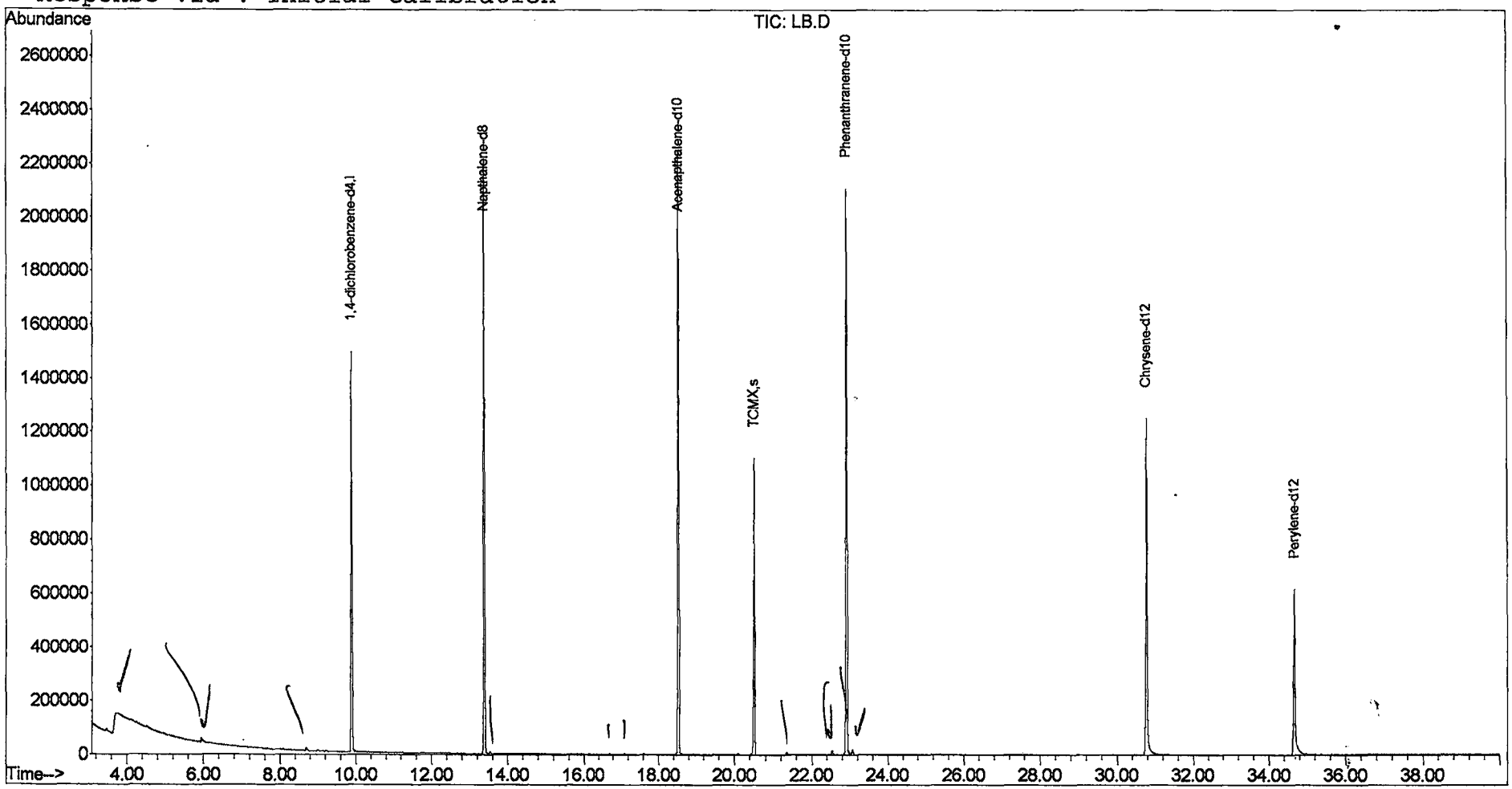
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.76	228	24844	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	149	0	N.D.	
45)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
46)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(a)pyrene	0.00	252	0	N.D.	
48)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
50)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 15:52 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Jun 11 15:43:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

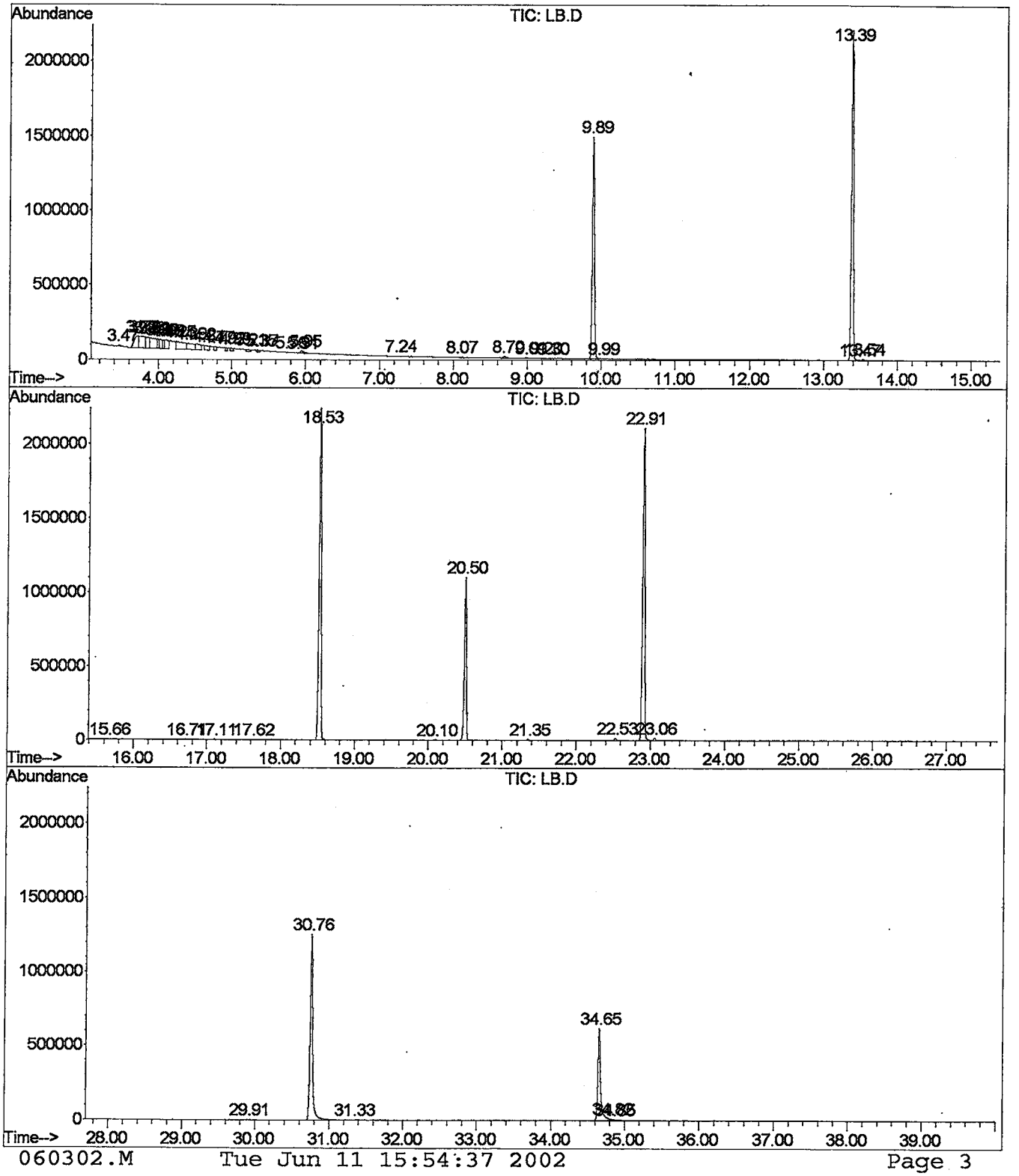
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	63	66	72	PV 5	7759	127716	0.29%	0.050%
2	3.726	94	110	111	PV 2	76893	3077276	6.97%	1.201%
3	3.761	111	116	126	VV 6	76587	3929077	8.90%	1.534%
4	3.825	126	127	137	VV 4	71303	2521506	5.71%	0.984%
5	3.890	137	138	153	VV 7	67988	3766205	8.53%	1.470%
6	3.990	153	155	158	VV 2	61733	1014268	2.30%	0.396%
7	4.025	158	161	165	VV 3	60040	1495638	3.39%	0.584%
8	4.061	165	167	170	VV 4	56397	786814	1.78%	0.307%
9	4.084	170	171	181	VV 7	56490	2174827	4.93%	0.849%
10	4.249	196	199	222	VV 3	51085	3963284	8.98%	1.547%
11	4.390	222	223	242	VV 4	40750	2638914	5.98%	1.030%
12	4.513	242	244	256	VV 7	39036	1773785	4.02%	0.692%
13	4.636	264	265	276	VV 4	29619	1160826	2.63%	0.453%
14	4.771	286	288	292	VV 3	24839	516354	1.17%	0.202%
15	4.924	312	314	317	VV 4	20425	303194	0.69%	0.118%
16	4.995	324	326	332	VV 5	18620	462596	1.05%	0.181%
17	5.206	360	362	371	VV 7	13301	442929	1.00%	0.173%
18	5.347	385	386	388	VV 2	10728	118069	0.27%	0.046%
19	5.371	388	390	393	VV 3	10845	150559	0.34%	0.059%
20	5.759	454	456	458	VV 3	3802	44698	0.10%	0.017%
21	5.911	480	482	485	VV 4	2853	32174	0.07%	0.013%
22	5.947	485	488	508	VV 2	16261	516785	1.17%	0.202%
23	7.239	705	708	710	PV 4	2053	16984	0.04%	0.007%
24	8.068	844	849	857	PV 8	2920	57040	0.13%	0.022%
25	8.696	950	956	967	VV 4	9171	232236	0.53%	0.091%
26	9.008	998	1009	1020	VV 10	3435	138523	0.31%	0.054%
27	9.208	1039	1043	1055	VV 8	2632	95355	0.22%	0.037%
28	9.302	1055	1059	1064	PV 4	1408	20081	0.05%	0.008%
29	9.889	1151	1159	1174	PV	1468173	29871792	67.67%	11.662%
30	9.989	1174	1176	1180	VV 2	1947	28097	0.06%	0.011%
31	13.385	1739	1754	1767	PV	2169502	39970793	90.55%	15.605%
32	13.473	1767	1769	1775	VV 3	1875	26326	0.06%	0.010%
33	13.538	1775	1780	1786	VV 2	6484	96923	0.22%	0.038%
34	15.659	2130	2141	2146	PV 5	1898	38408	0.09%	0.015%
35	16.705	2308	2319	2337	VV 2	3038	61342	0.14%	0.024%
36	17.110	2383	2388	2392	VV 3	3160	50852	0.12%	0.020%
37	17.621	2470	2475	2488	VV 4	1939	32042	0.07%	0.013%

38	18.526	2618	2629	2648	PV		2251059	44091017	99.88%	17.213%
39	20.101	2884	2897	2902	PV	4	3260	55765	0.13%	0.022%
40	20.500	2951	2965	2975	PV		1076064	20093610	45.52%	7.845%
41	21.352	3105	3110	3115	VV	4	7437	115185	0.26%	0.045%
42	22.533	3305	3311	3322	PV	2	14883	279418	0.63%	0.109%
43	22.909	3362	3375	3393	PV	2	2128946	44142603	100.00%	17.234%
44	23.062	3393	3401	3414	VV		16513	341210	0.77%	0.133%
45	29.907	4555	4566	4570	PV	5	1693	27655	0.06%	0.011%
46	30.759	4697	4711	4766	PV	2	1241053	29163159	66.07%	11.386%
47	31.329	4801	4808	4820	VV	6	3529	79721	0.18%	0.031%
48	34.655	5357	5374	5401	PV	2	613314	15846417	35.90%	6.187%
49	34.819	5401	5402	5406	VV	2	7408	94419	0.21%	0.037%
50	34.849	5406	5407	5415	VV	5	3643	58407	0.13%	0.023%

Sum of corrected areas: 256142874

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\061102\LB.D
Operator :
Acquired : 11 Jun 2002 12:19 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 6/11
Misc Info :
Vial Number: 4
Quant File :060302.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

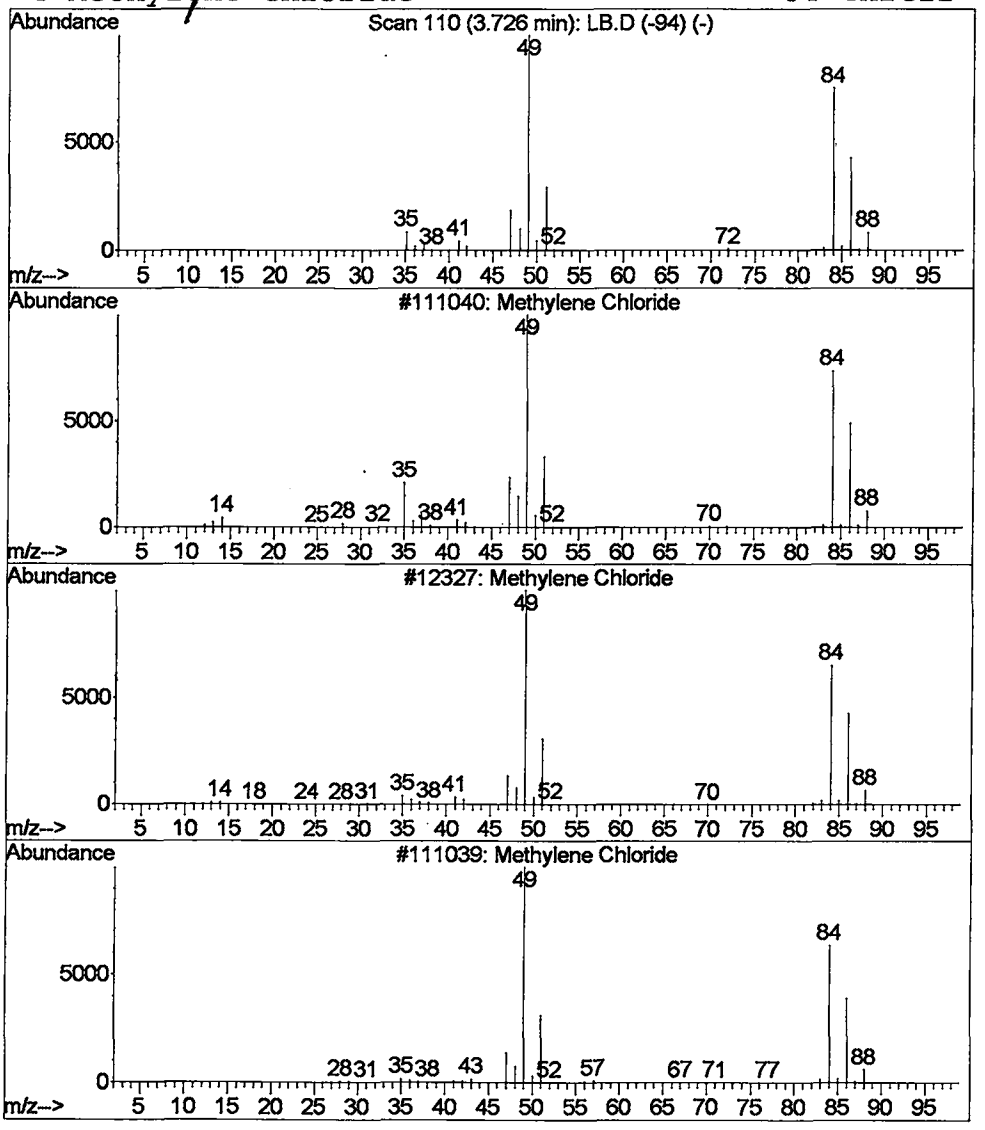
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

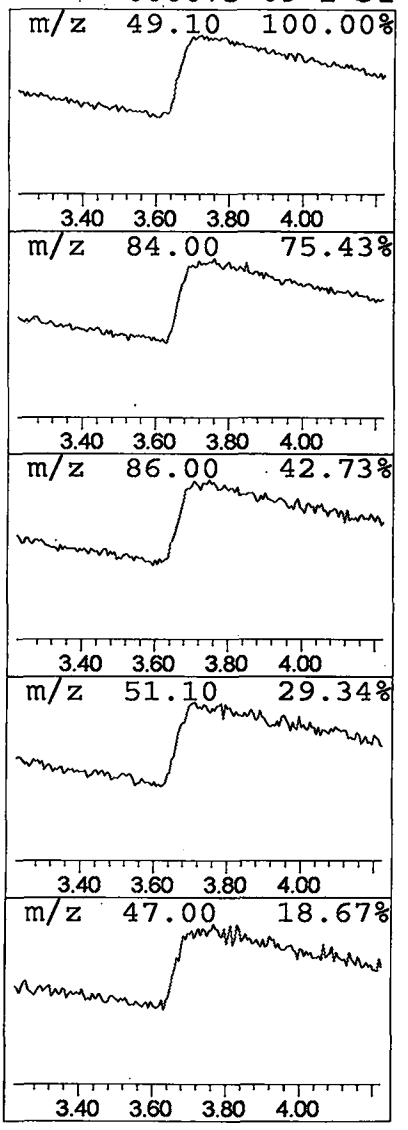
****

Peak Number 1 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	4.12 ug/L	3077280	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	95
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	91





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D
Acq On : 11 Jun 2002 12:19 pm
Sample : gc/ms scan 6/11
Misc :
MS Integration Params: LSCINT.e

Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

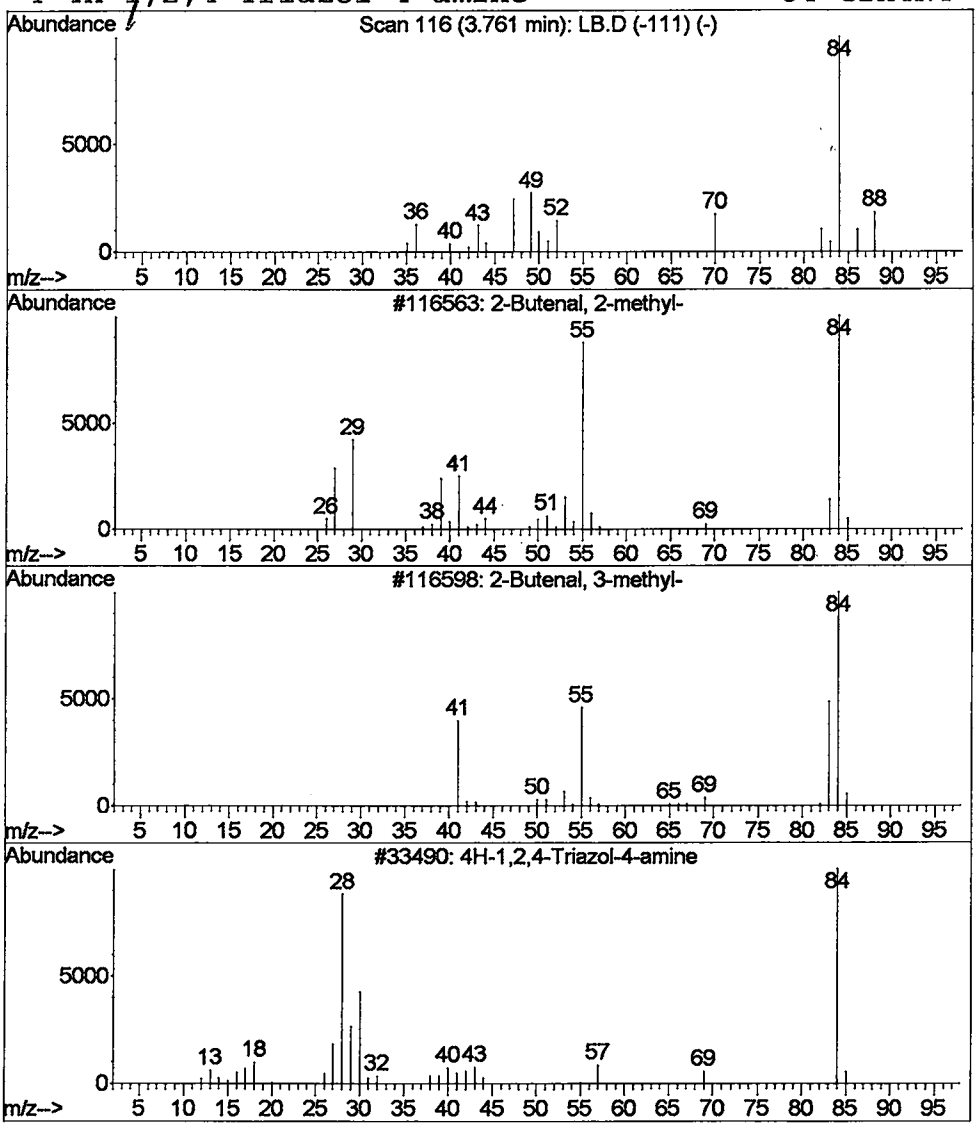
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

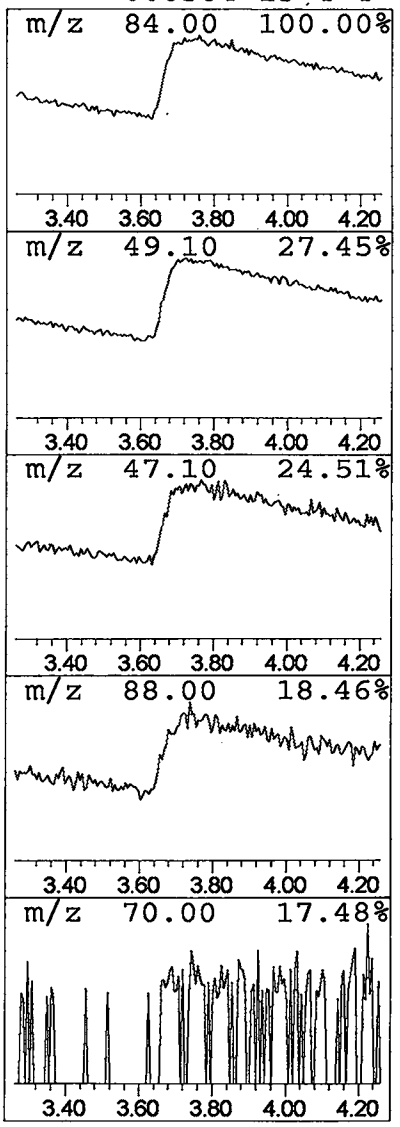
****

Peak Number 2 2-Butenal, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	5.26 ug/L	3929080	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	5
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
3	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

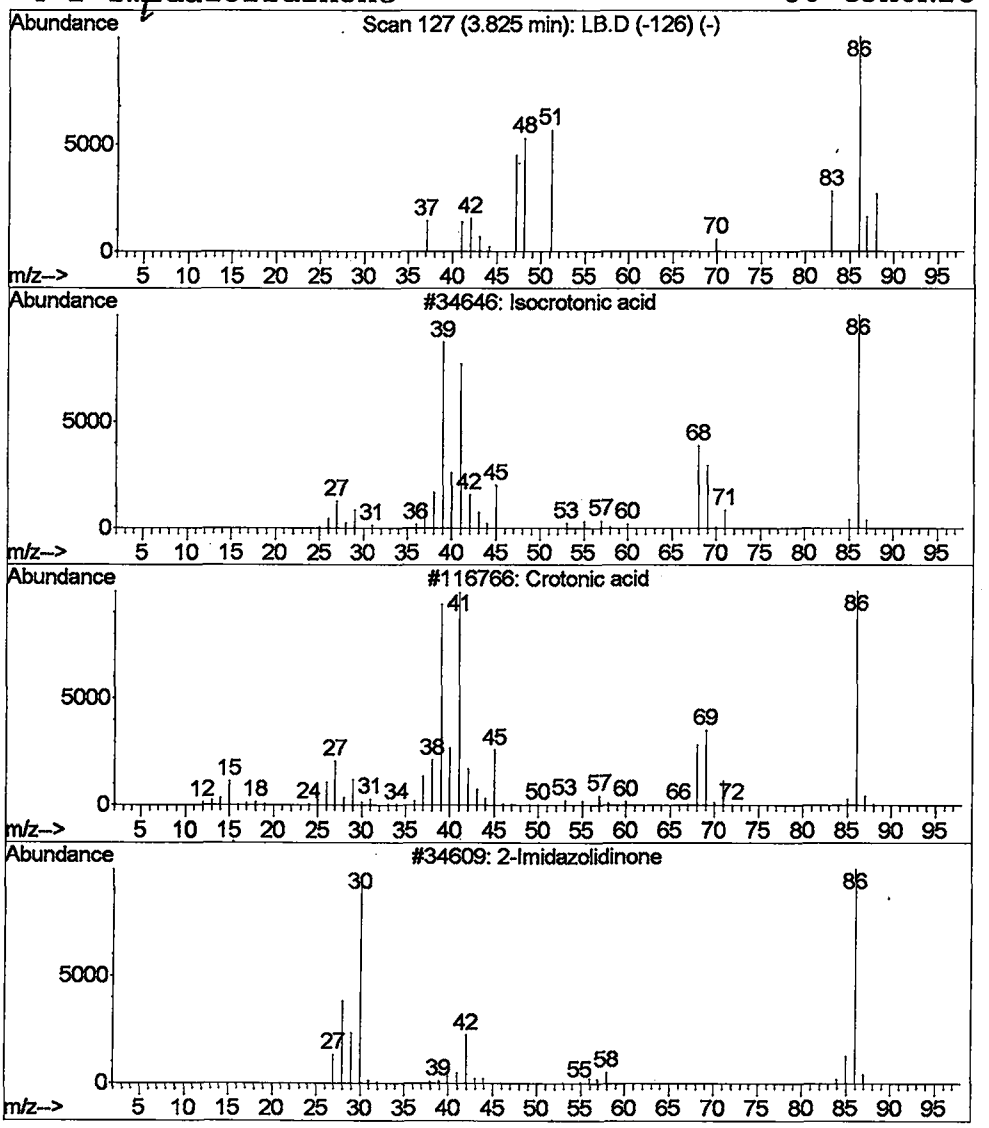
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

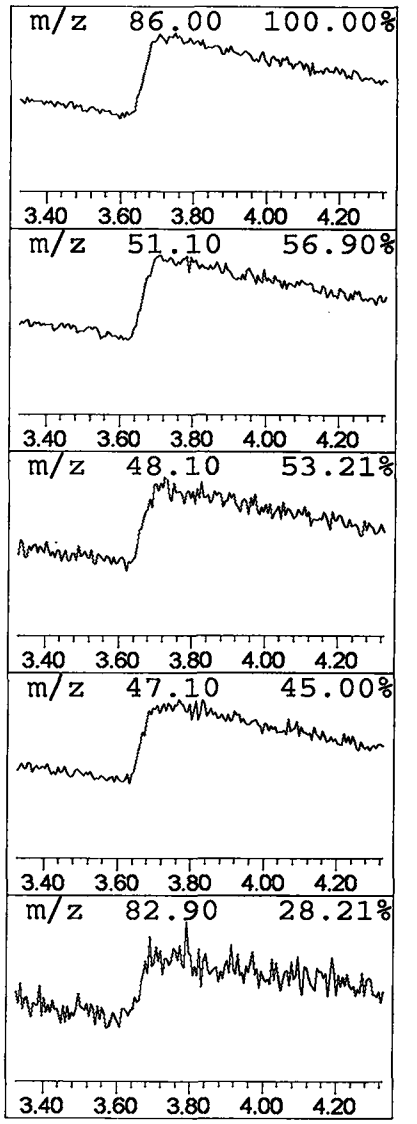
****

Peak Number 3 Isocrotonic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	3.38 ug/L	2521510	1,4-dichlorobenzene-d4	9.89

Hit# of 7	Tentative ID	MW	MolForm	CAS#	Qual
1	Isocrotonic acid	86	C4H6O2	000503-64-0	9
2	Crotonic acid	86	C4H6O2	003724-65-0	9
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
4	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

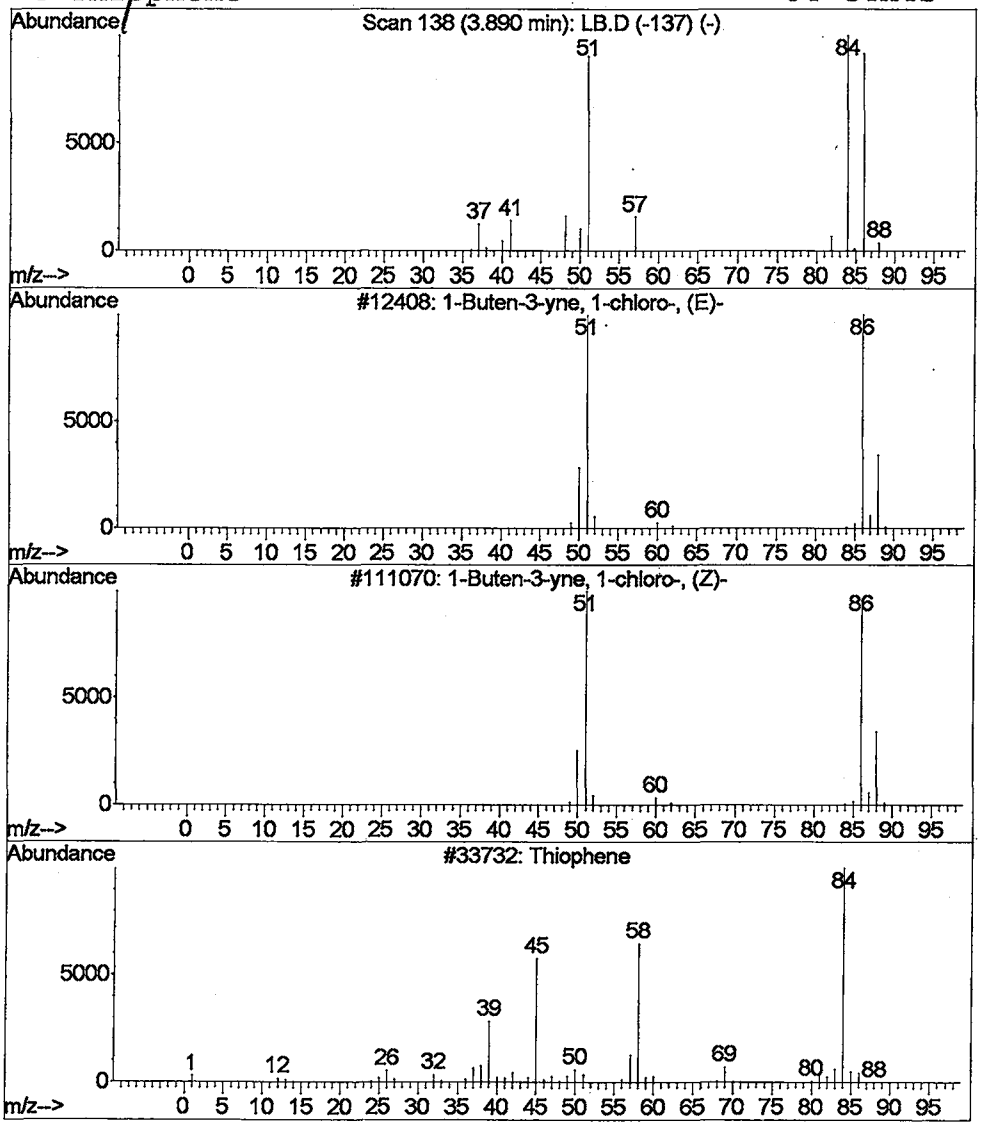
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

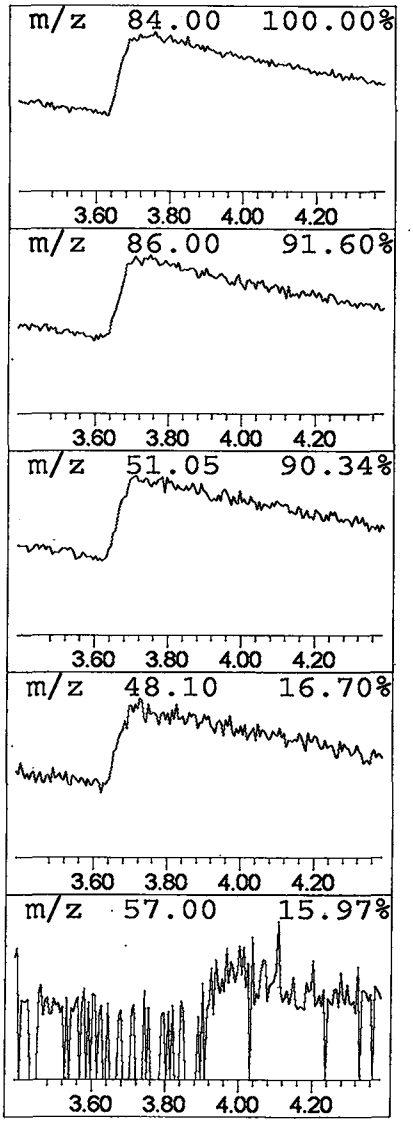
****

Peak Number 4 1-Buten-3-yne, 1-chloro-, (E)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.89	5.04 ug/L	3766210	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	9
2	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	9
3	Thiophene	84	C4H4S	000110-02-1	7
4	Thiophene	84	C4H4S	000110-02-1	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

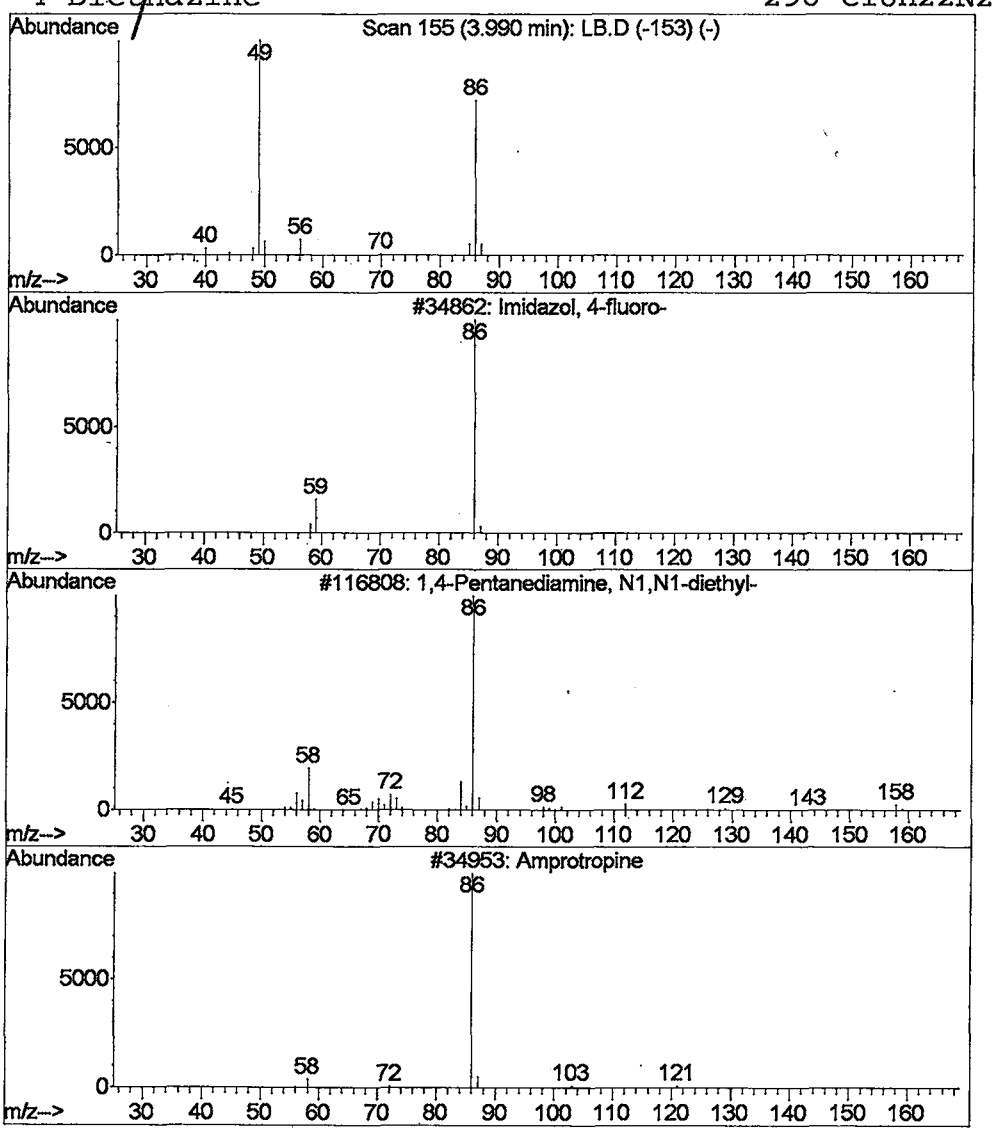
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

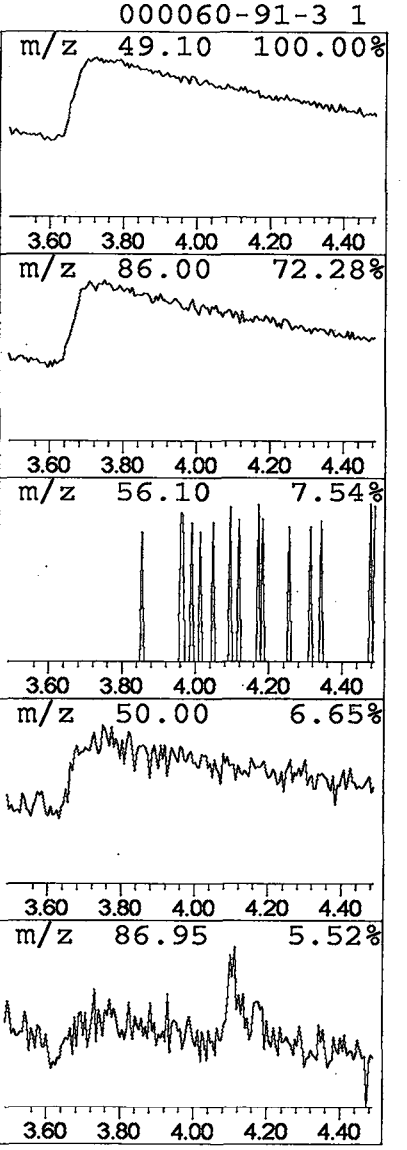
****

Peak Number 5 Imidazol, 4-fluoro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.36 ug/L	1014270	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
2	1,4-Pentanediamine, N1,N1-diethyl-	158	C9H22N2	000140-80-7	1
3	Amprotropine	307	C18H29NO3	000148-32-3	1
4	Diethazine	298	C18H22N2S	000060-91-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

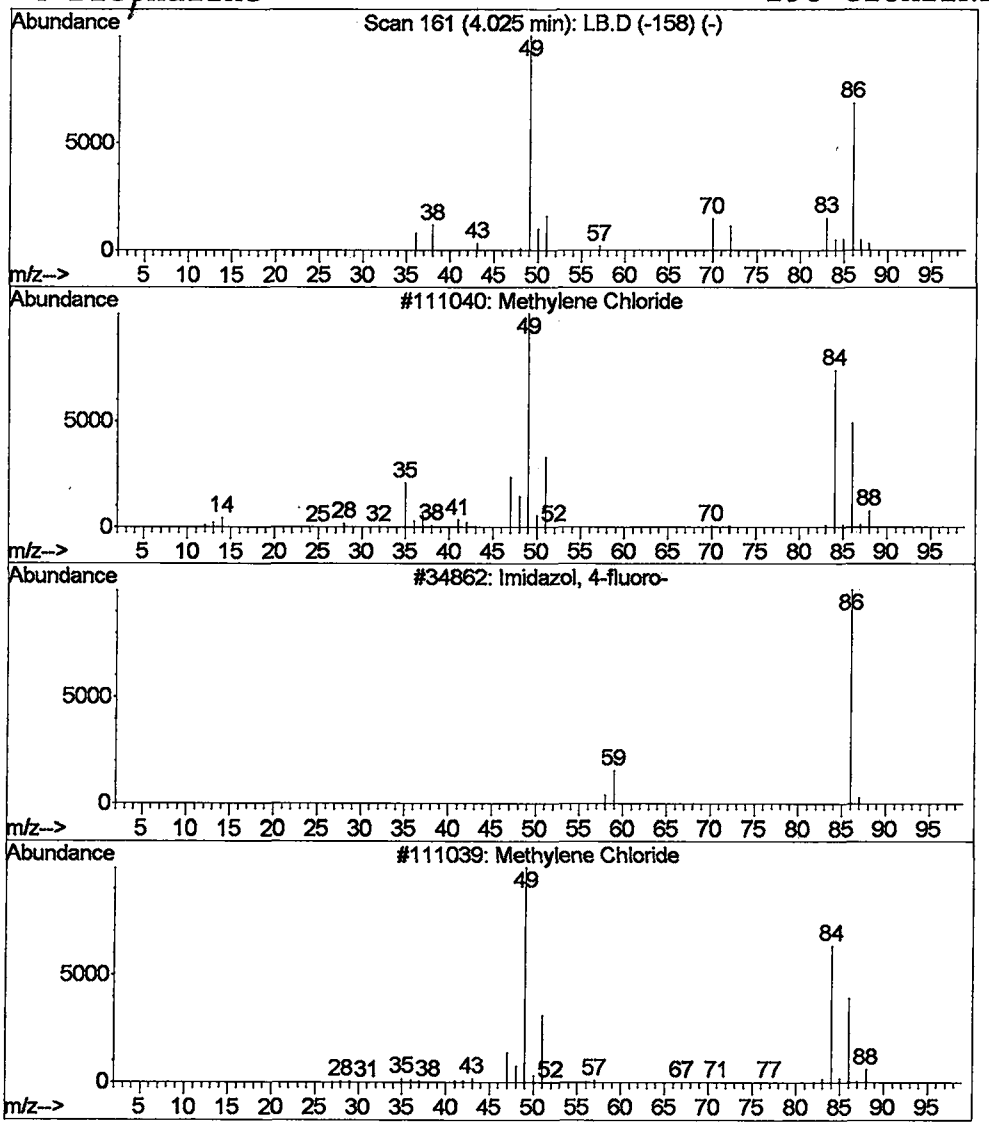
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

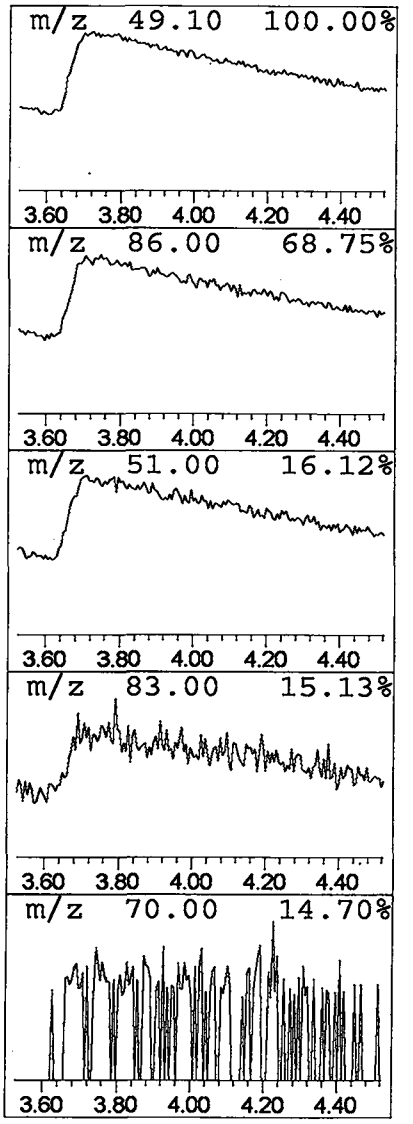
****

Peak Number 6 Methylene Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.03	2.00 ug/L	1495640	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	4
2	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	1
4	Diethazine	298	C18H22N2S	000060-91-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\061102\LB.D Vial: 4
Acq On : 11 Jun 2002 12:19 pm Operator:
Sample : gc/ms scan 6/11 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

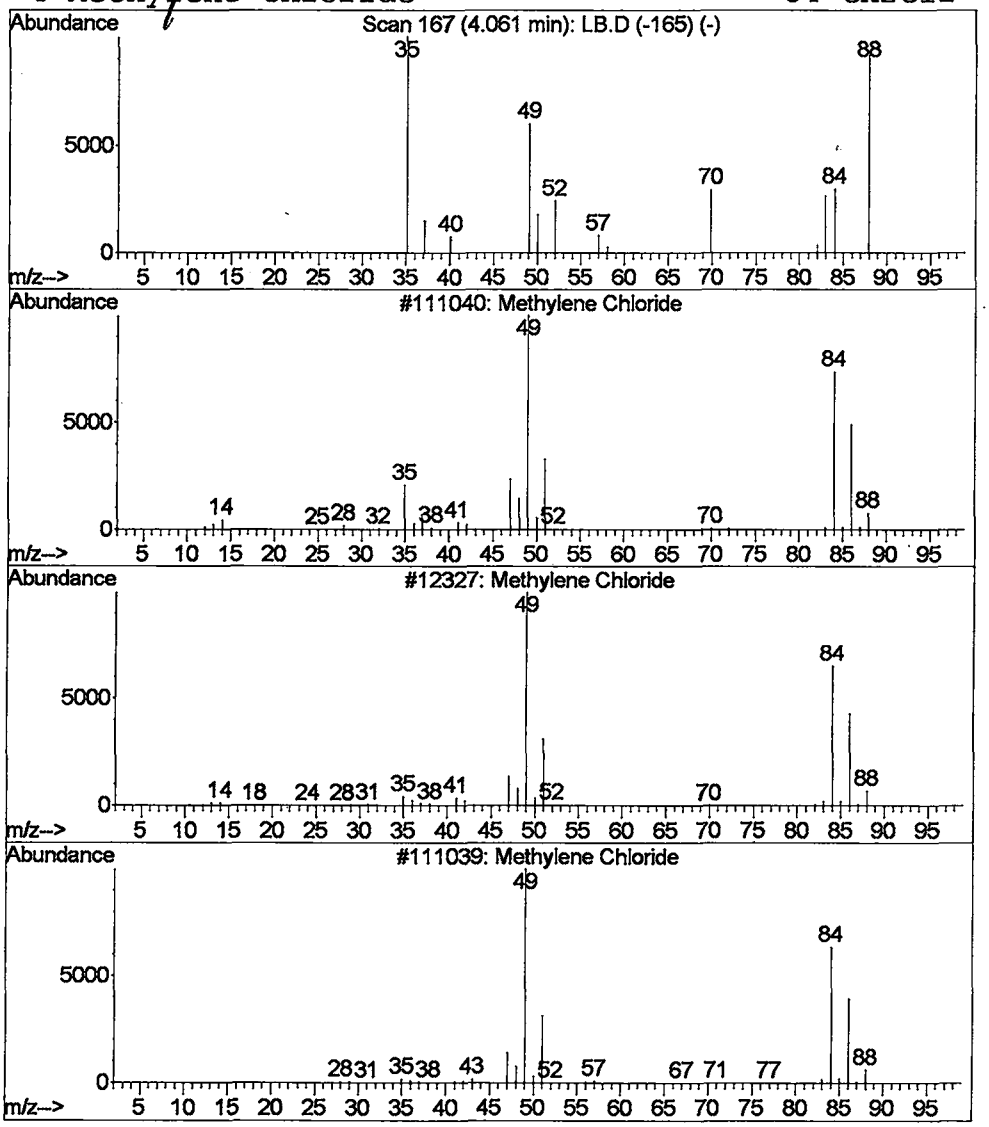
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

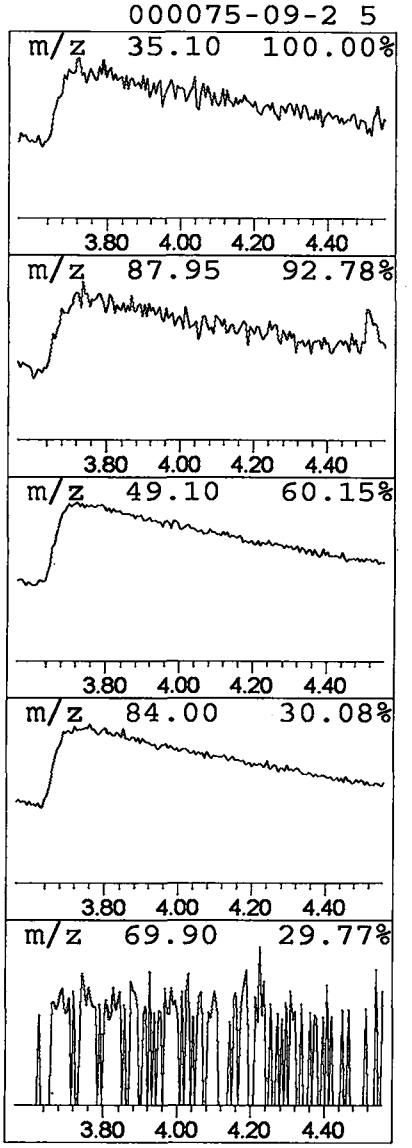
****

Peak Number 7 Methylene Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	1.05 ug/L	786814	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	7
2	Methylene Chloride	84	CH2Cl2	000075-09-2	5
3	Methylene Chloride	84	CH2Cl2	000075-09-2	5
4	Methylene Chloride	84	CH2Cl2	000075-09-2	5





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Library : C:\DATABASE\NIST98.L

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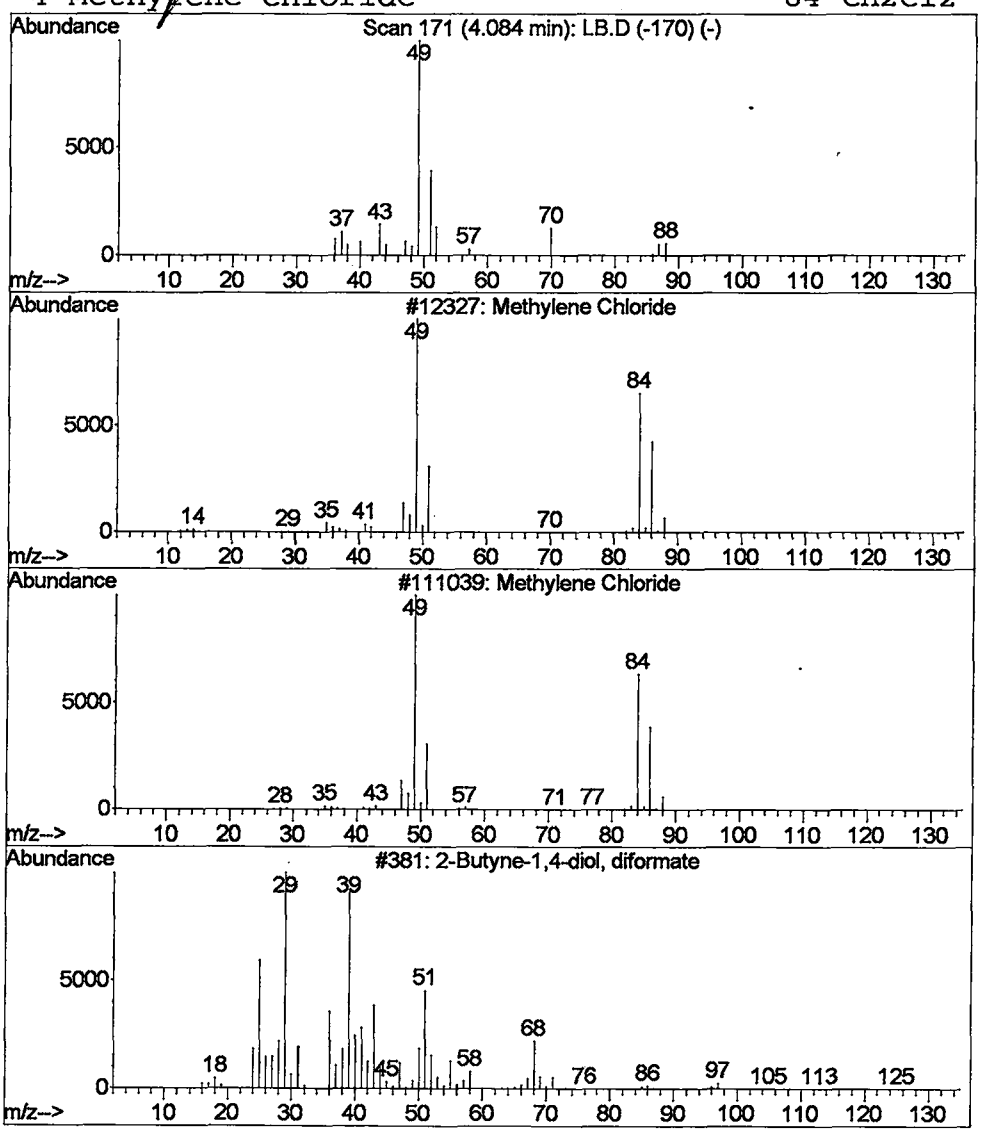
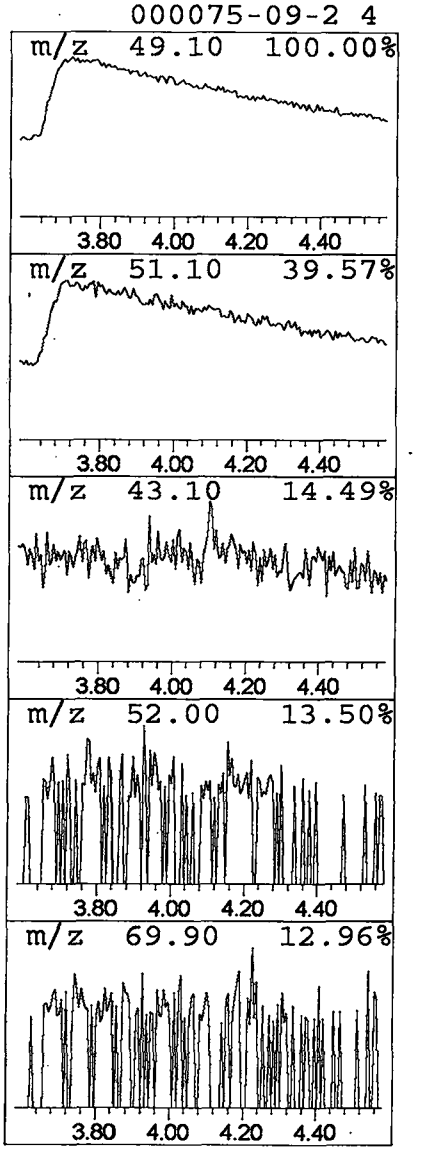
Peak Number 8 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.09	2.91 ug/L	2174830	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	4
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





Library Search Compound Report

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Library : C:\DATABASE\NIST98.L

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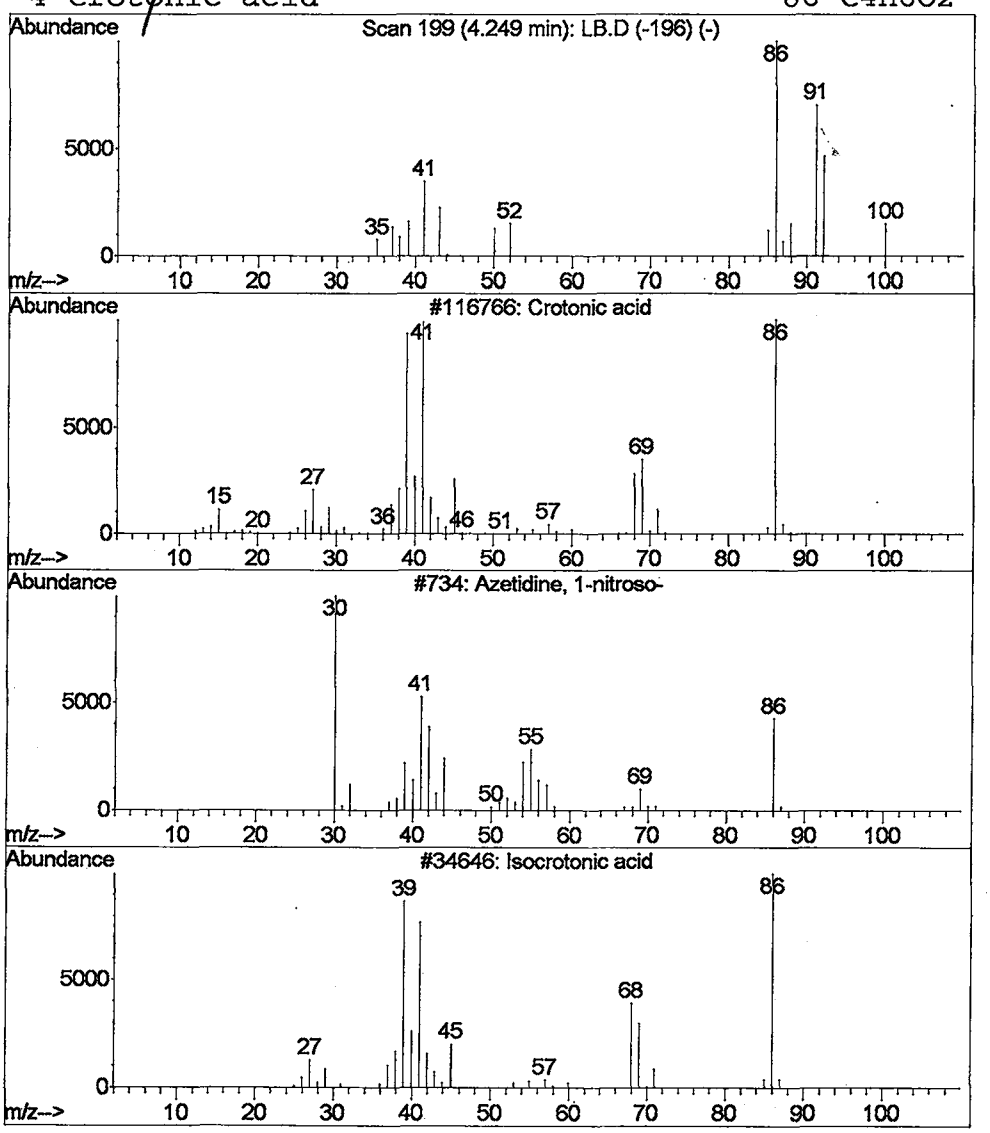
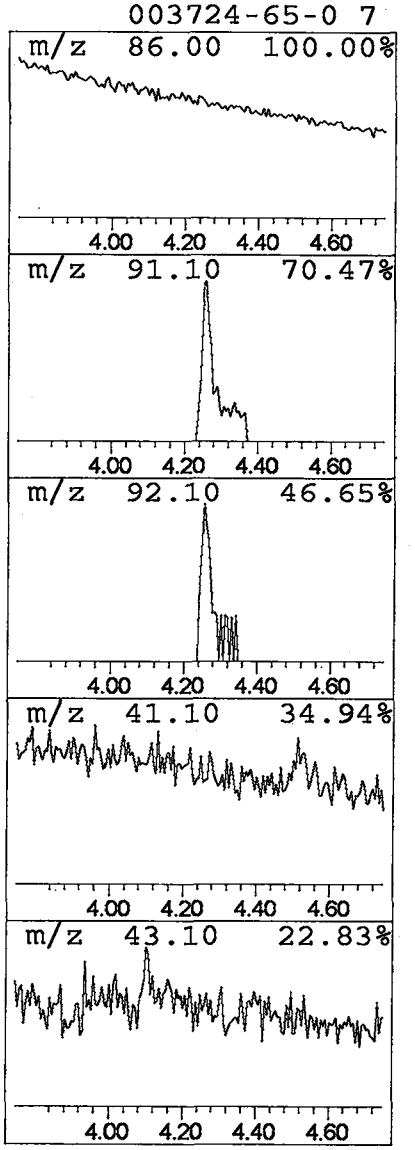
Peak Number 9 Crotonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.25	5.31 ug/L	3963280	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	9
2	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	9
3	Isocrotonic acid	86	C4H6O2	000503-64-0	9
4	Crotonic acid	86	C4H6O2	003724-65-0	7





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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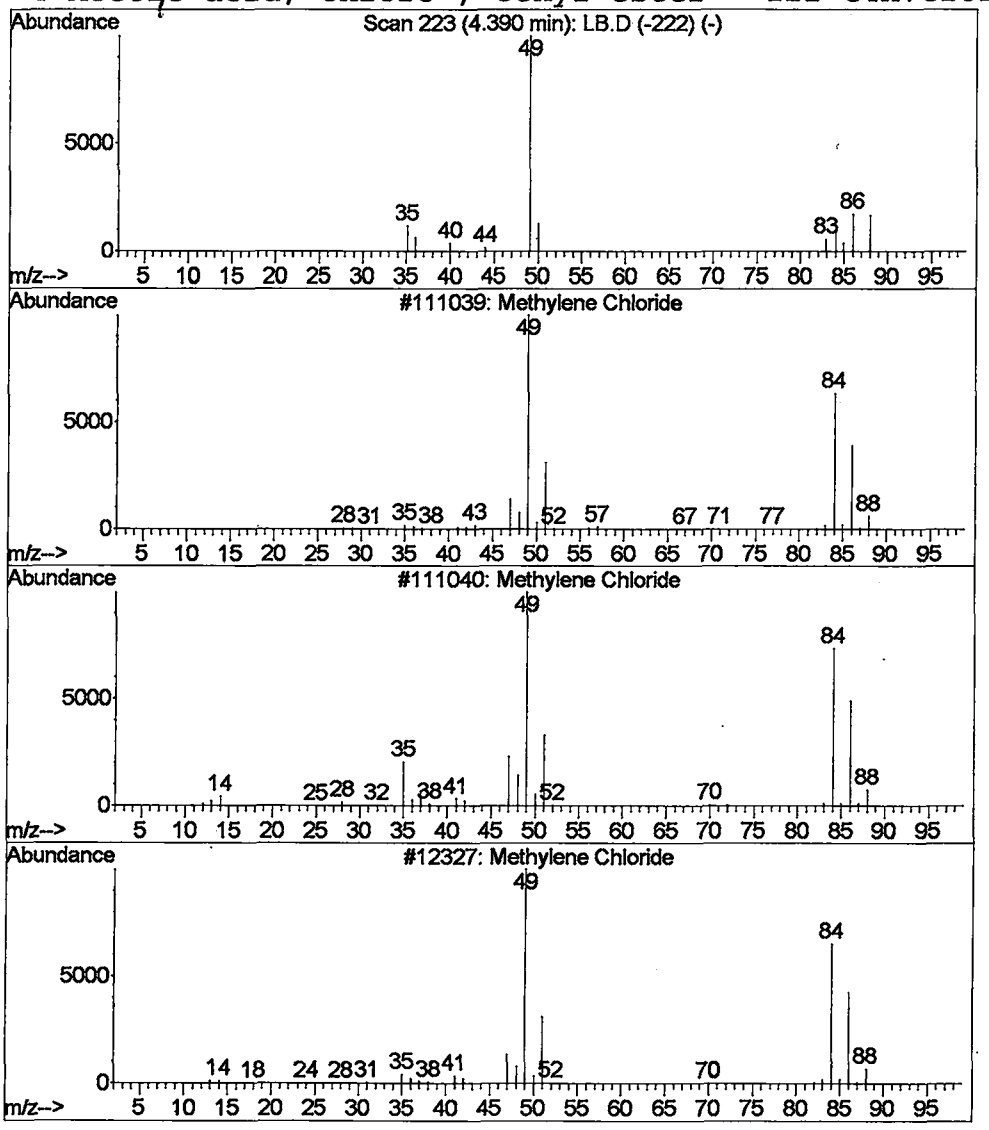
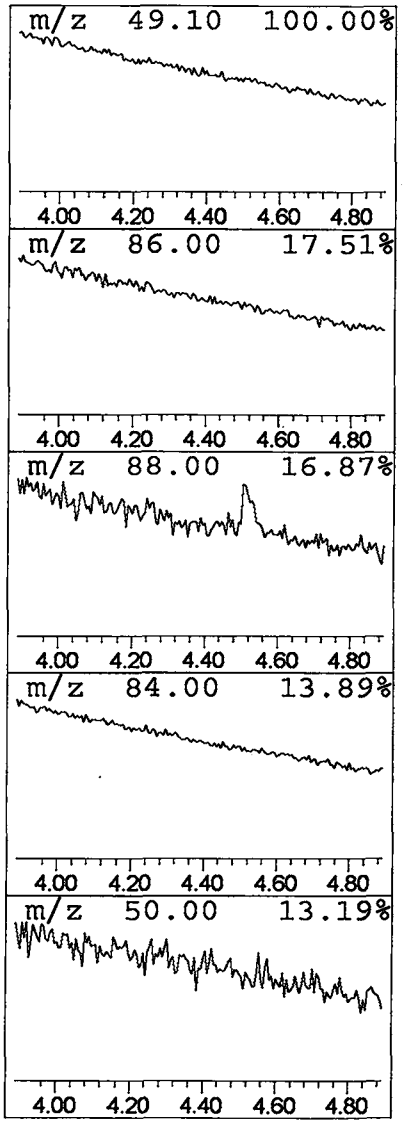
Peak Number 10 Methylene Chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.39	3.53 ug/L	2638910	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	3
2	Methylene Chloride	84	CH2Cl2	000075-09-2	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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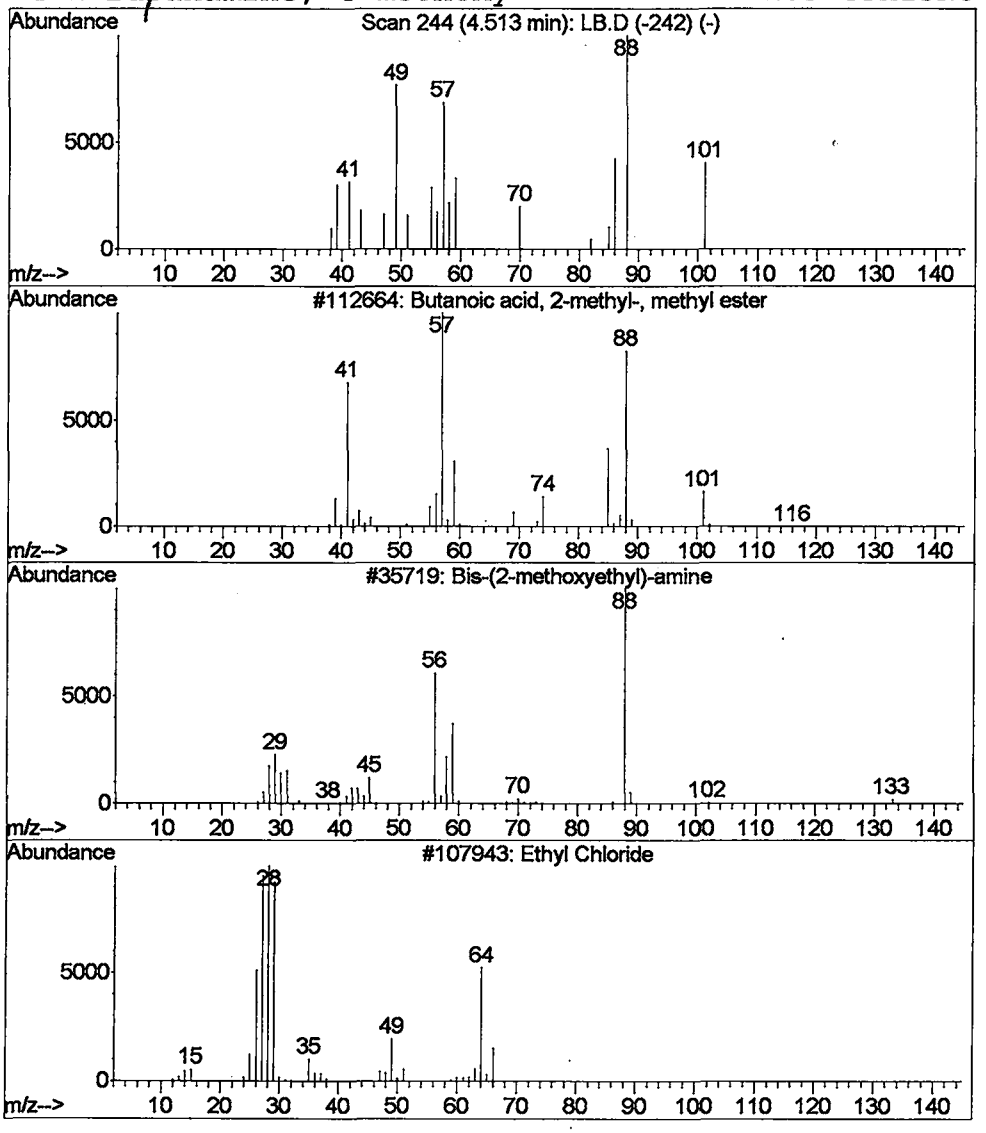
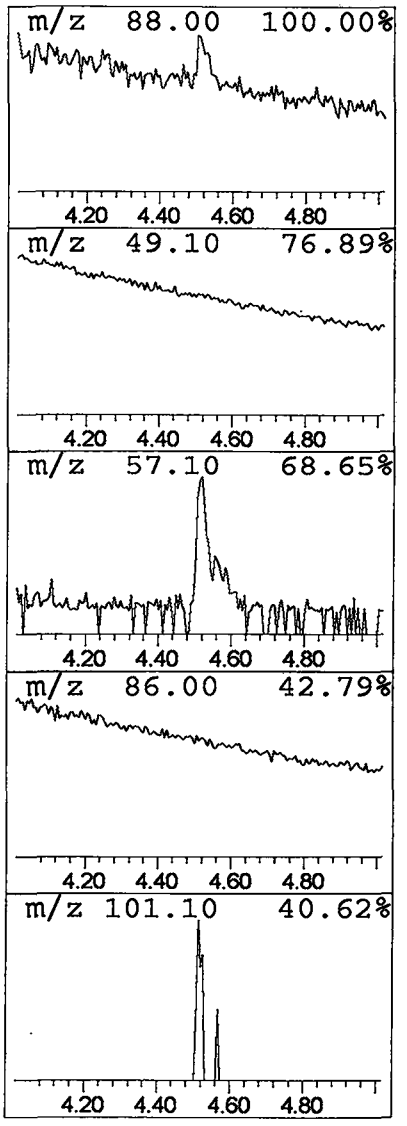
Peak Number 11 Butanoic acid, 2-methyl-, m... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	2.38 ug/L	1773790	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	4
2	Bis-(2-methoxyethyl)-amine	133	C6H15NO2	000111-95-5	4
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	1-Butanamine, 4-methoxy-	103	C5H13NO	034039-36-6	4





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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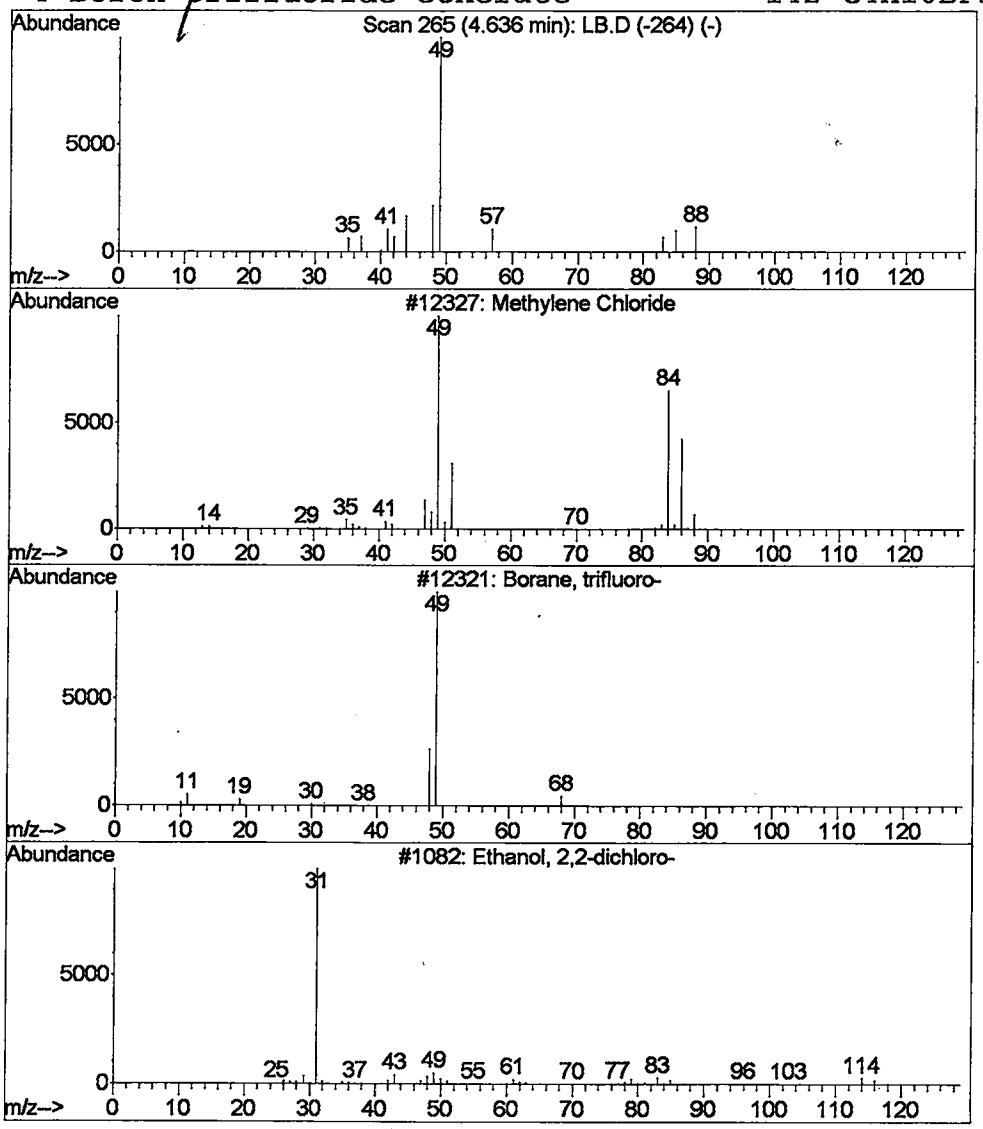
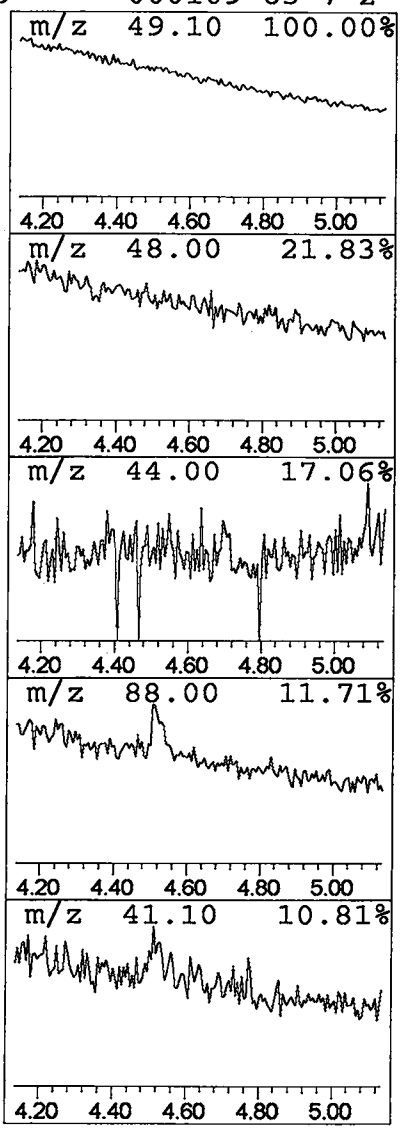
Peak Number 12 Methylene Chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	1.55 ug/L	1160830	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	4
2	Borane, trifluoro-	68	BF3	007637-07-2	2
3	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
4	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2





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Multiplr: 1.00

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Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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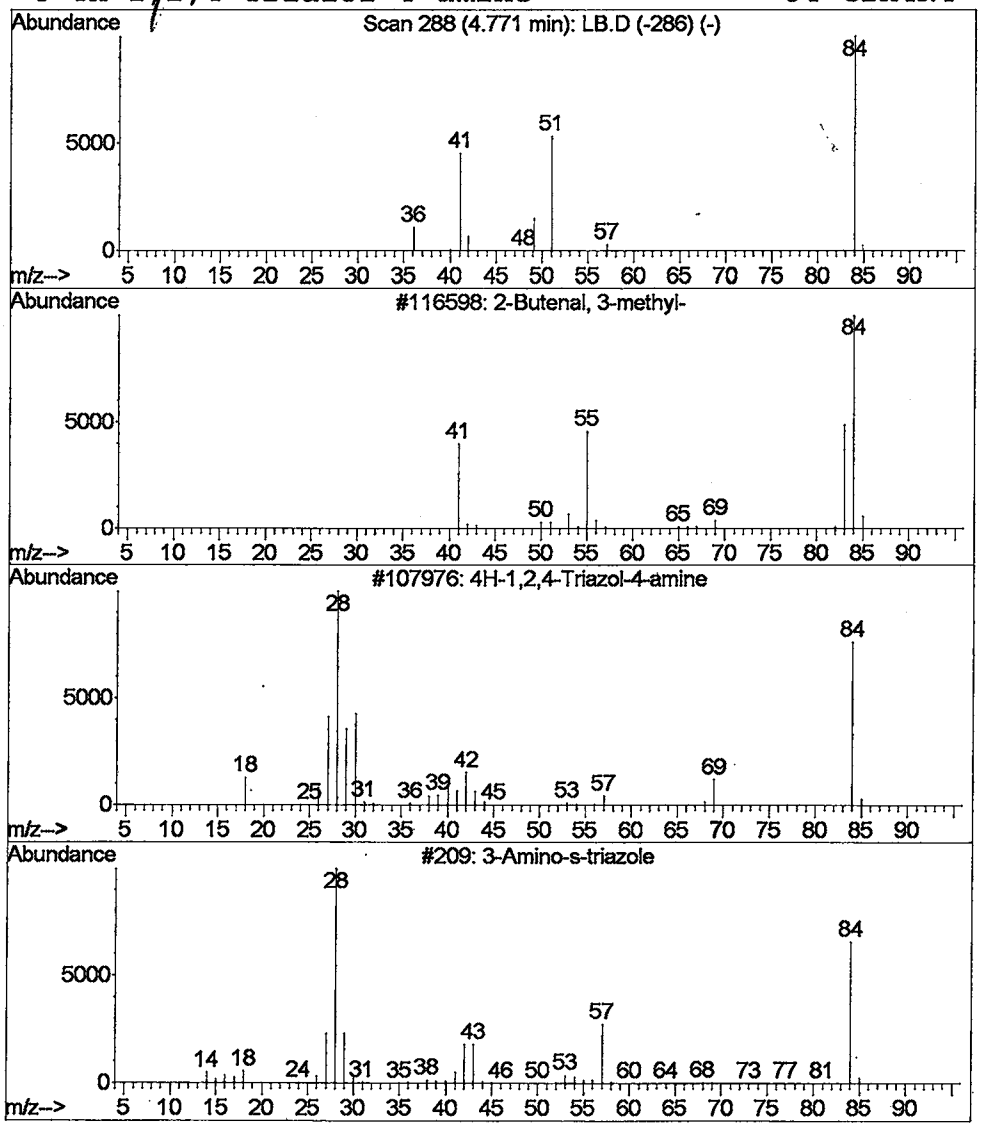
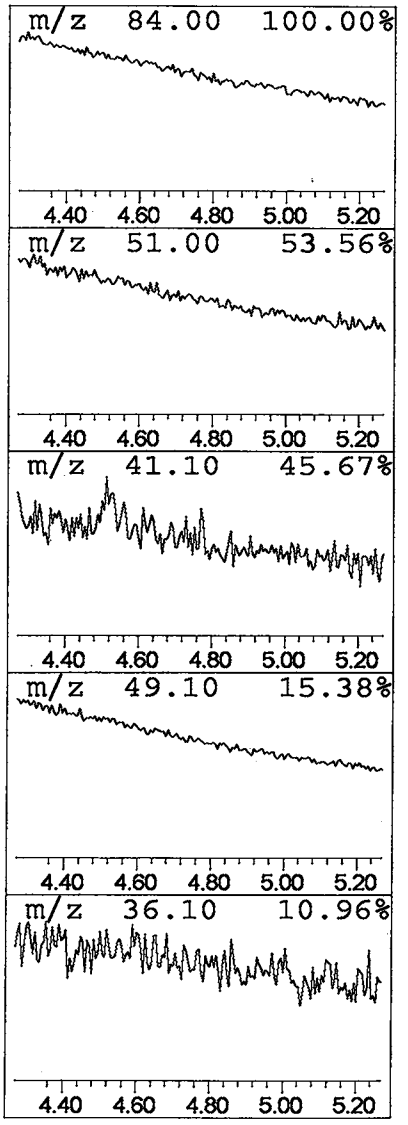
Peak Number 13 2-Butenal, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	0.69 ug/L	516354	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
3	3-Amino-s-triazole	84	C2H4N4	000061-82-5	4
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4





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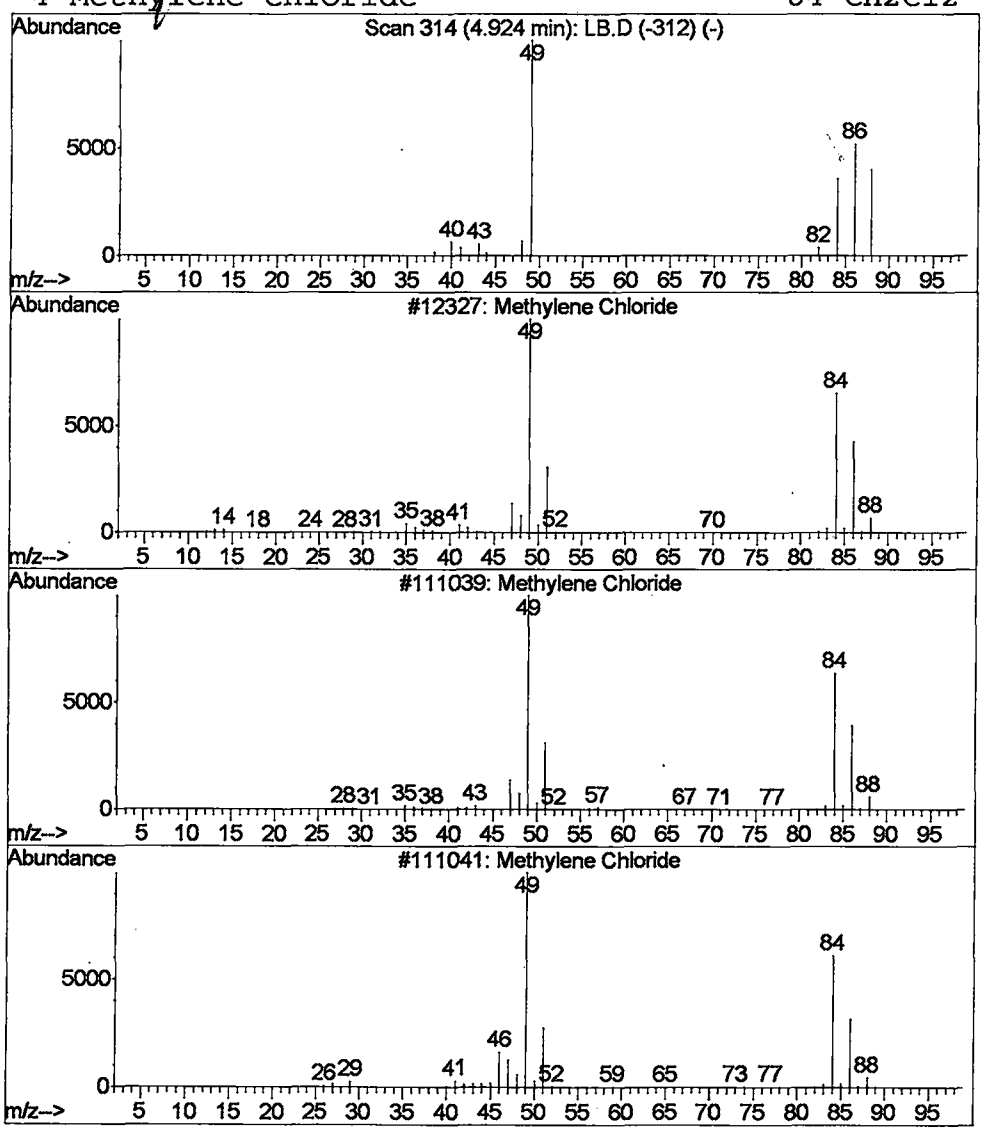
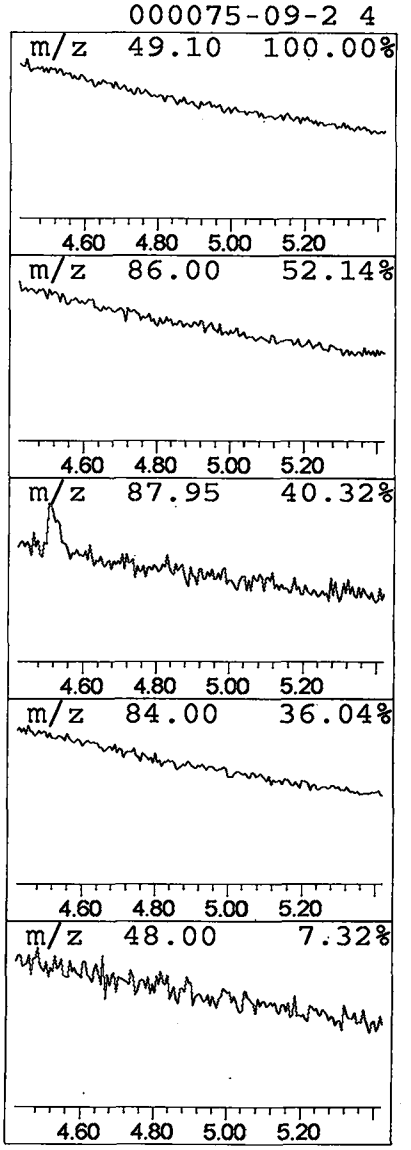
Peak Number 14 Methylene Chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	0.41 ug/L	303194	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	56
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	5
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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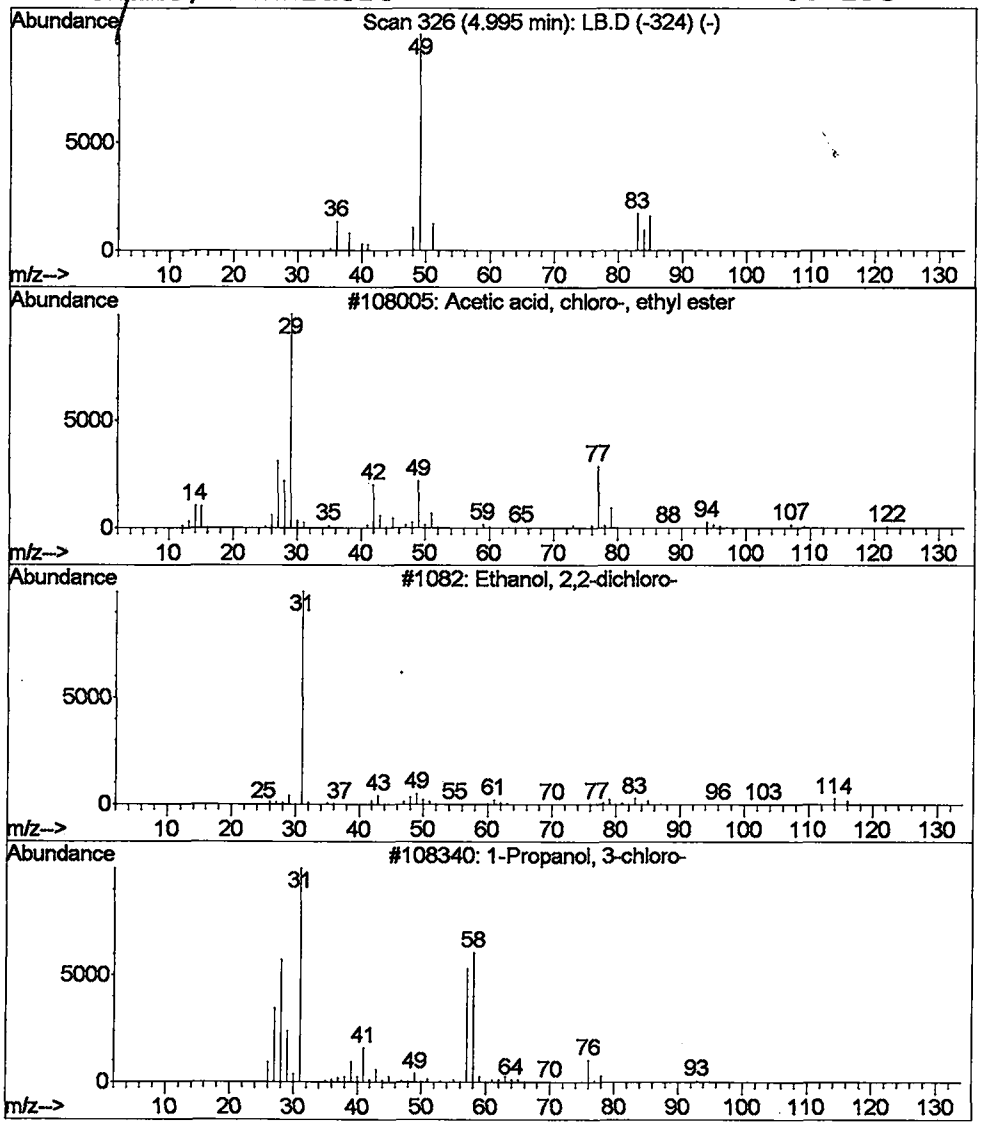
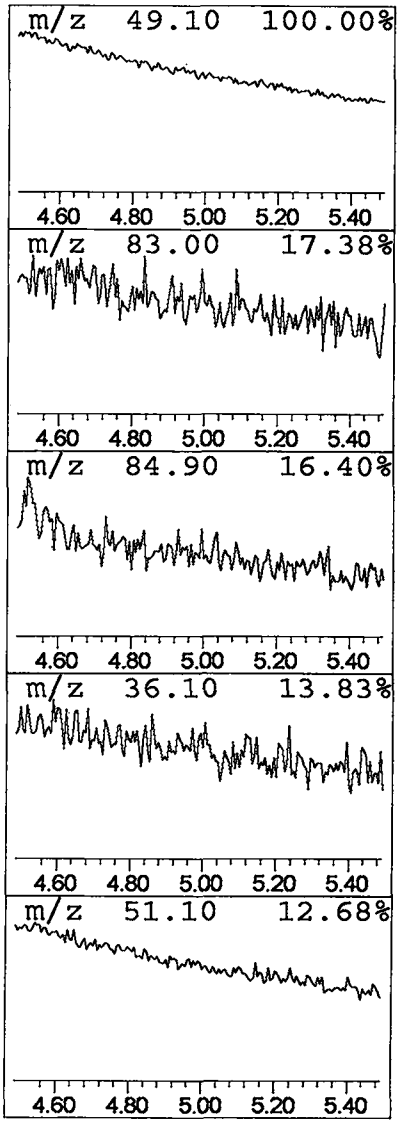
Peak Number 15 Acetic acid, chloro-, ethyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	0.62 ug/L	462596	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
3	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





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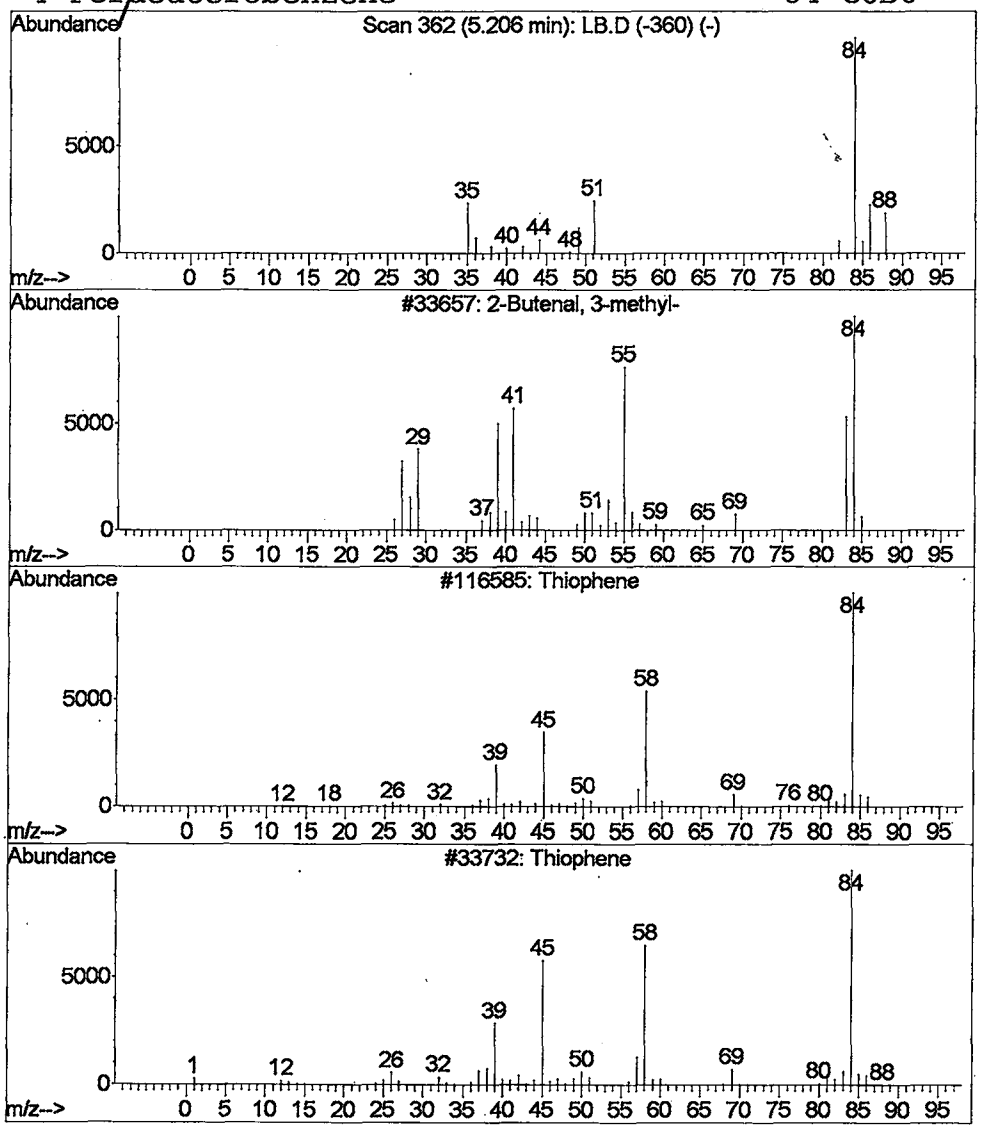
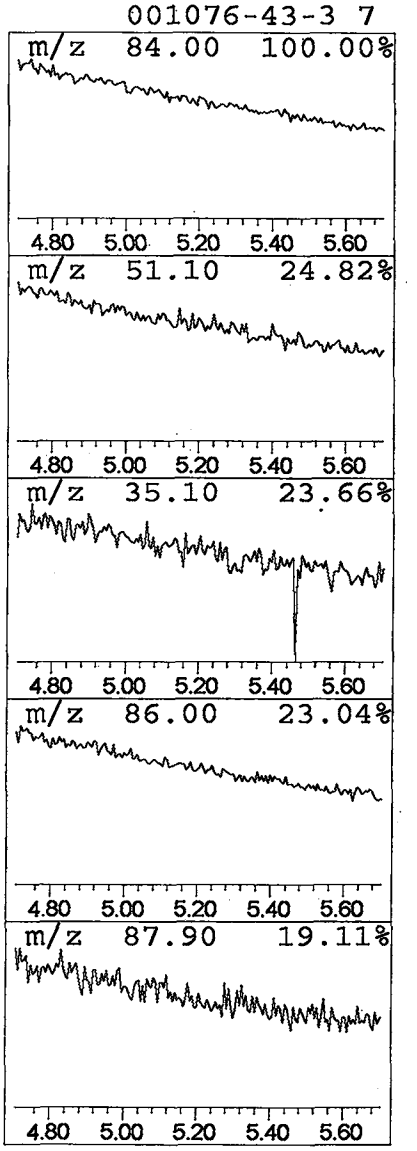
Peak Number 16 2-Butenal, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	0.59 ug/L	442929	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	9
2	Thiophene	84	C4H4S	000110-02-1	9
3	Thiophene	84	C4H4S	000110-02-1	7
4	Perdeuterobenzene	84	C6D6	001076-43-3	7





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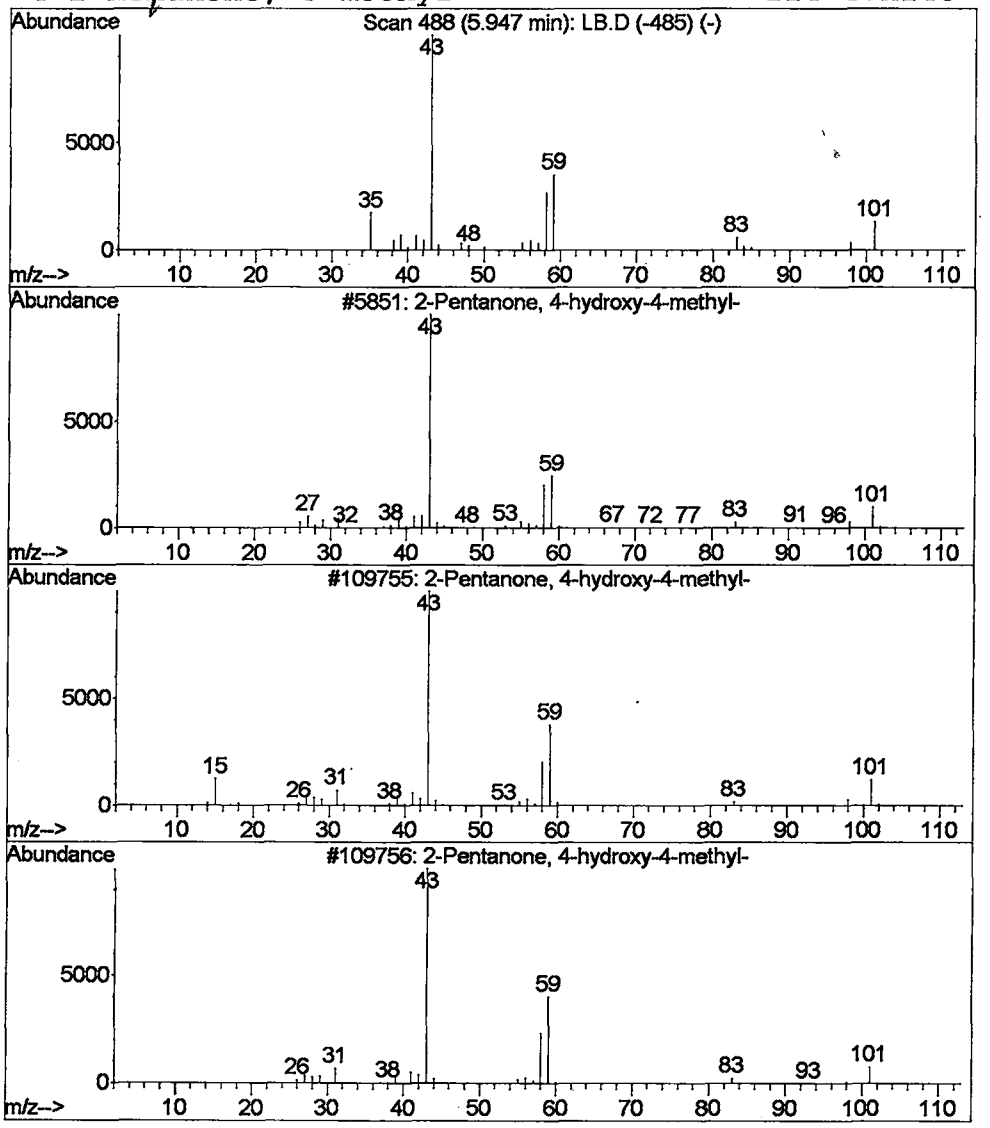
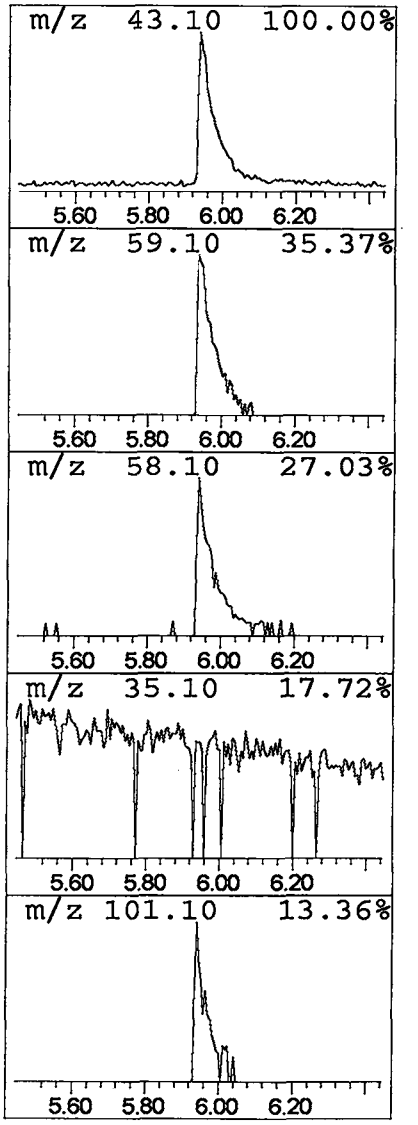
Peak Number 17 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	0.69 ug/L	516785	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	17





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Library : C:\DATABASE\NIST98.L

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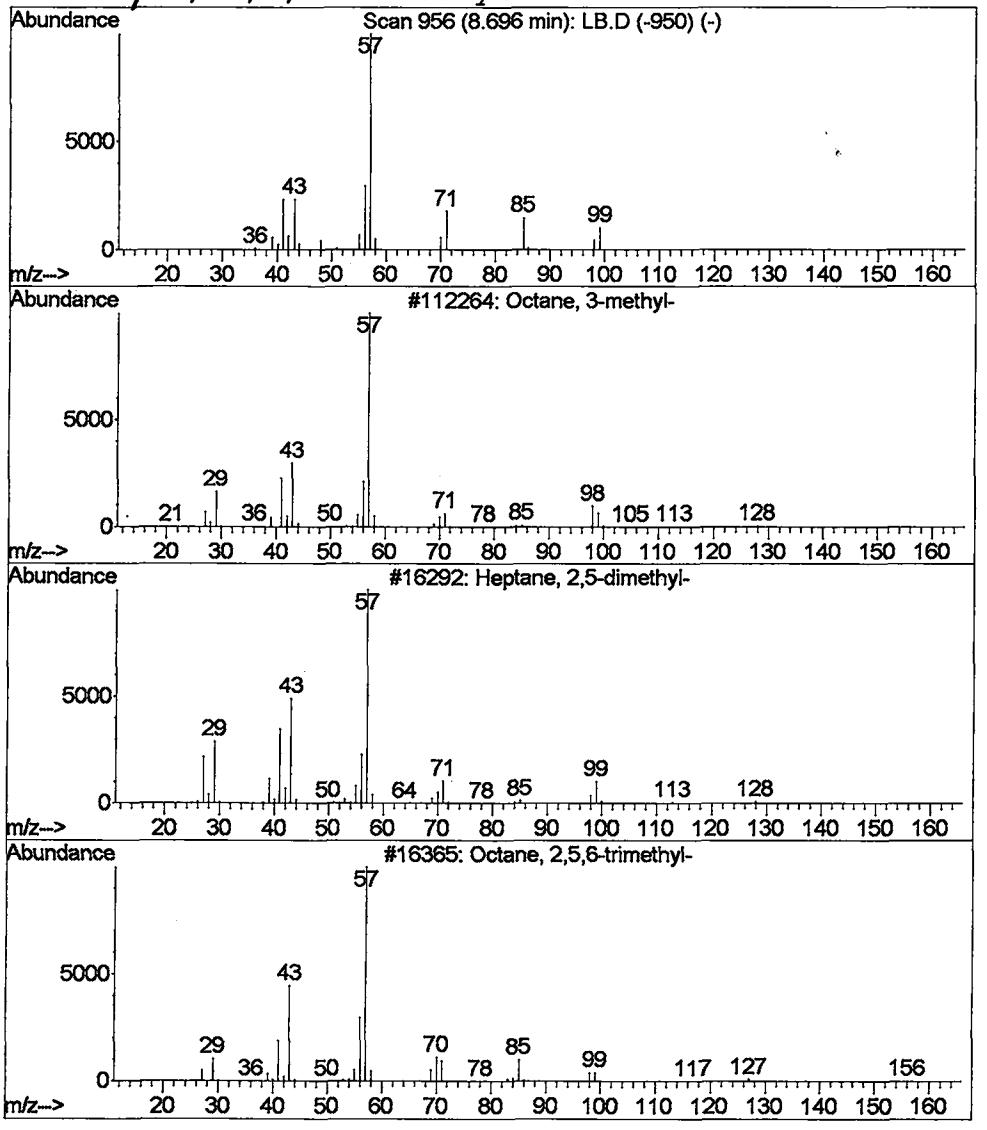
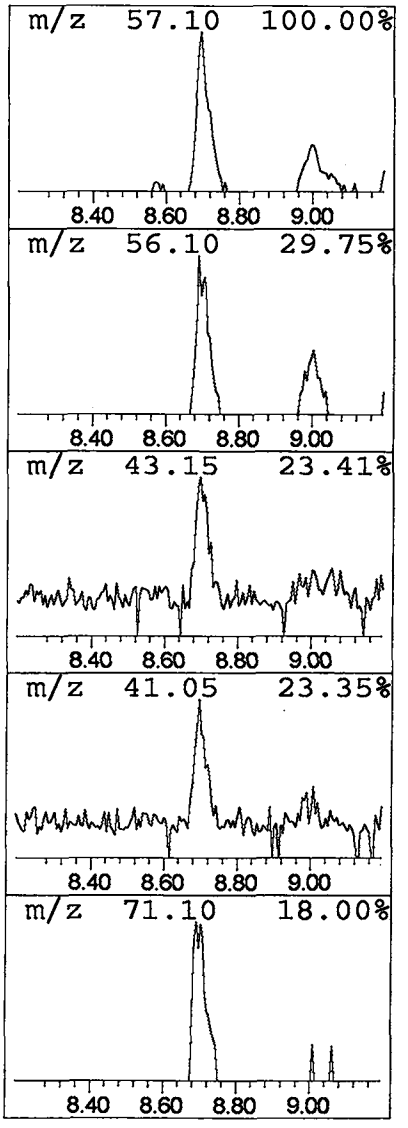
Peak Number 18 Octane, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.70	0.31 ug/L	232236	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	59
2	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
3	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	56
4	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	50





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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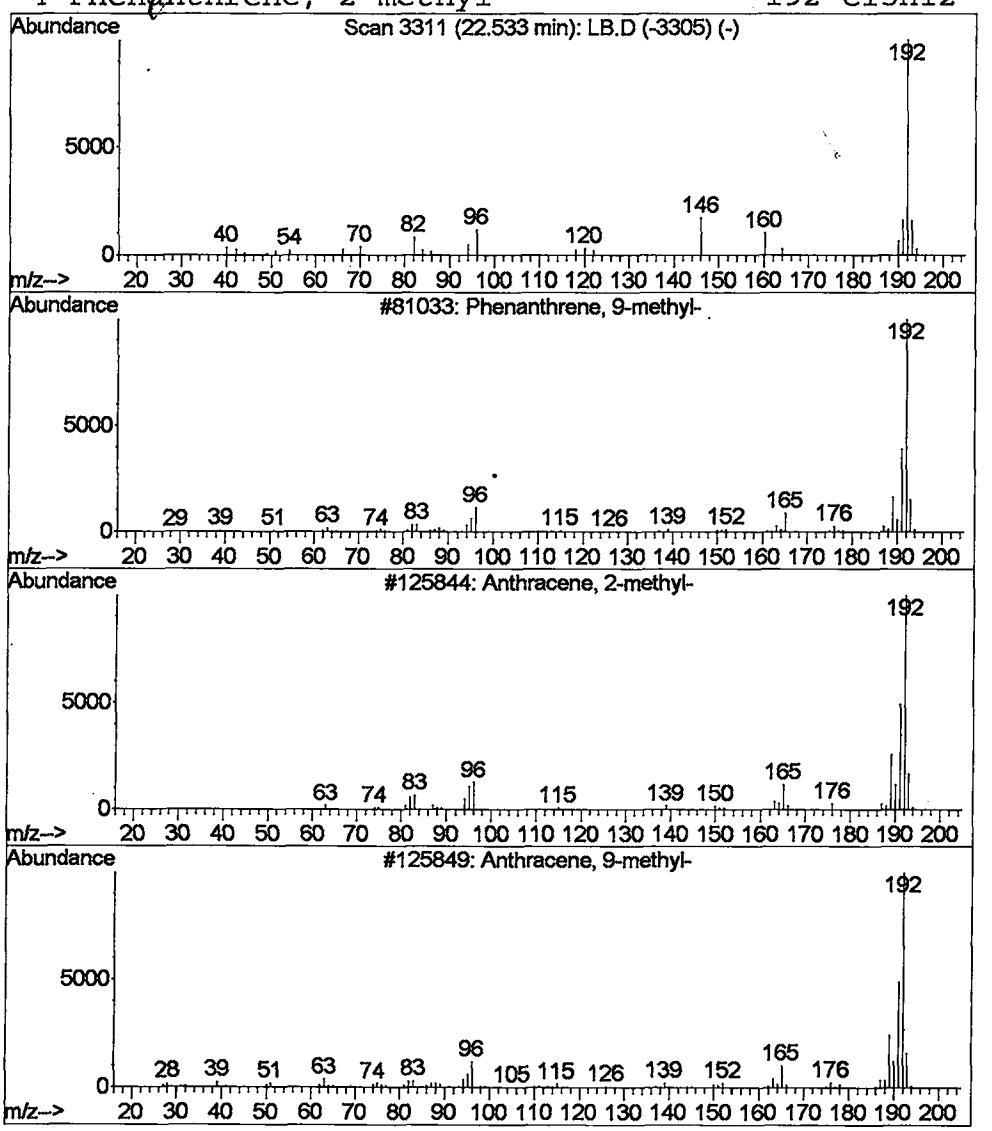
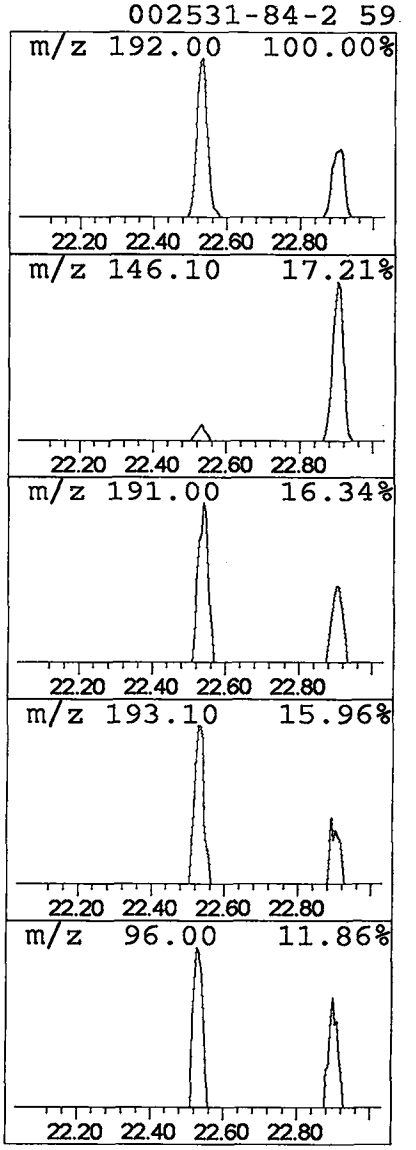
Peak Number 19 Phenanthrene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.25 ug/L	279418	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	59
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59





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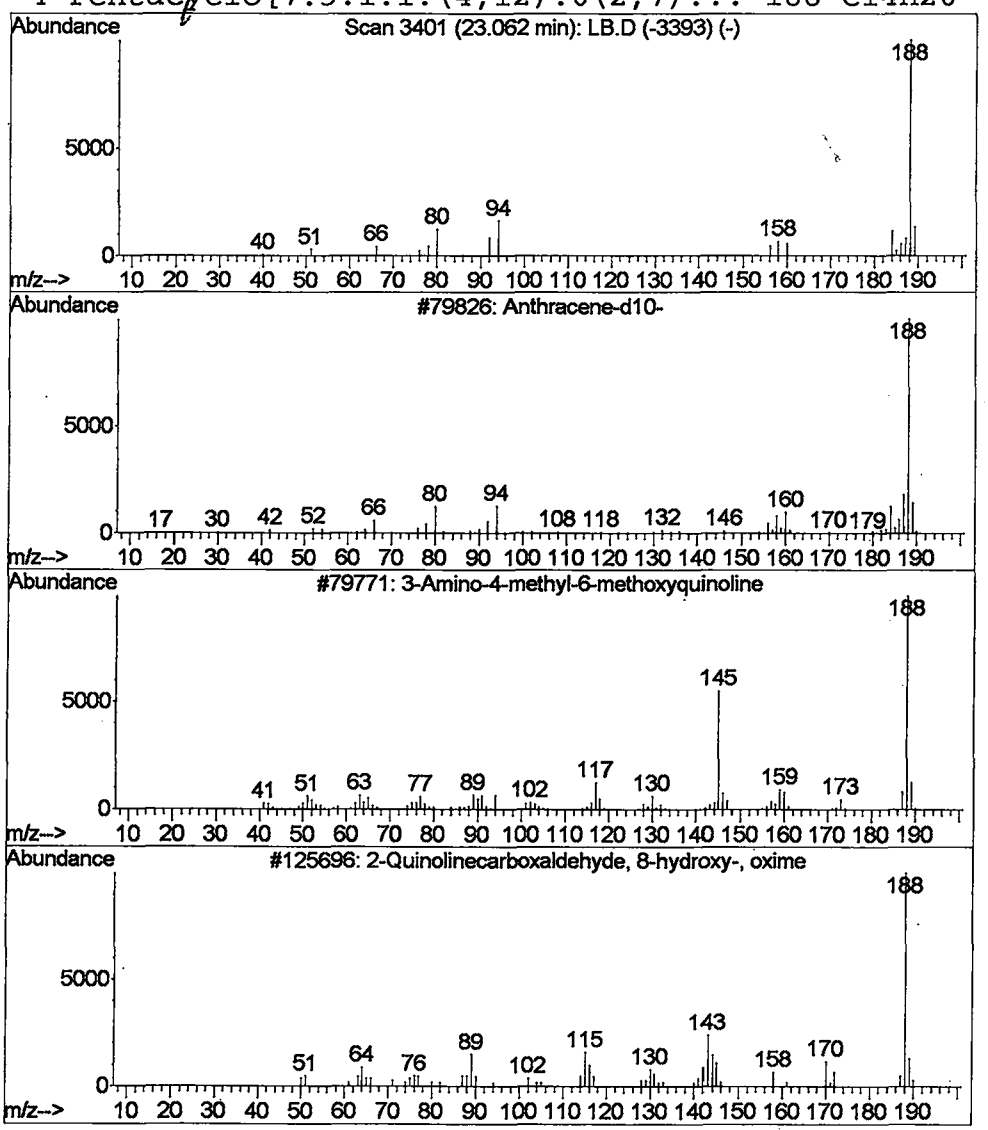
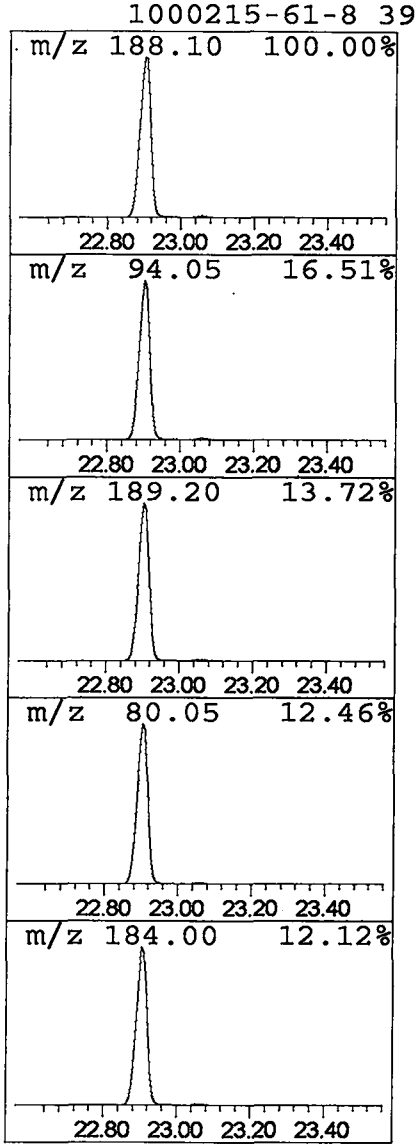
Peak Number 20 Anthracene-d10- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.31 ug/L	341210	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42
3	2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40
4	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	39





Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 11 Jun 2002 12:19 pm
Data File: C:\MSDCHEM\1\DATA\061102\LB.D
Name: gc/ms scan 6/11
Misc:
Method: C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Methylene Chloride	3.72	4.1	ug/L	3077280	1	9.89	29871800	40.0
2-Butenal, 2-methyl-	3.76	5.3	ug/L	3929080	1	9.89	29871800	40.0
Isocrotonic acid	3.83	3.4	ug/L	2521510	1	9.89	29871800	40.0
1-Buten-3-yne, 1-...	3.89	5.0	ug/L	3766210	1	9.89	29871800	40.0
Imidazol, 4-fluoro-	3.99	1.4	ug/L	1014270	1	9.89	29871800	40.0
Methylene Chloride	4.03	2.0	ug/L	1495640	1	9.89	29871800	40.0
Methylene Chloride	4.06	1.1	ug/L	786814	1	9.89	29871800	40.0
Methylene Chloride	4.09	2.9	ug/L	2174830	1	9.89	29871800	40.0
Crotonic acid	4.25	5.3	ug/L	3963280	1	9.89	29871800	40.0
Methylene Chloride	4.39	3.5	ug/L	2638910	1	9.89	29871800	40.0
Butanoic acid, 2-...	4.52	2.4	ug/L	1773790	1	9.89	29871800	40.0
Methylene Chloride	4.64	1.6	ug/L	1160830	1	9.89	29871800	40.0
2-Butenal, 3-methyl-	4.77	0.7	ug/L	516354	1	9.89	29871800	40.0
Methylene Chloride	4.92	0.4	ug/L	303194	1	9.89	29871800	40.0
Acetic acid, chlo...	4.99	0.6	ug/L	462596	1	9.89	29871800	40.0
2-Butenal, 3-methyl-	5.21	0.6	ug/L	442929	1	9.89	29871800	40.0
2-Pentanone, 4-hy...	5.95	0.7	ug/L	516785	1	9.89	29871800	40.0
Octane, 3-methyl-	8.70	0.3	ug/L	232236	1	9.89	29871800	40.0
Phenanthrene, 9-m...	22.53	0.3	ug/L	279418	4	22.91	44142600	40.0
Anthracene-d10-	23.06	0.3	ug/L	341210	4	22.91	44142600	40.0