User: Fakhouri, Morgan
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 11:04:56

Sample: AE12743
Analysis: $B1GCMS Blank for GCMS Scan
Units: ug
Started: 6/10/02 10:58 Ended: 6/10/02 10:58 Analyst: MF
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		< MRL		2.0
2	bis(2-Chloroethyl)ether		< MRL		2.0
3	1,3-Dichlorobenzene		< MRL		2.0
4	1,4-Dichlorobenzene		< MRL		2.0
5	1,2-Dichlorobenzene		< MRL		2.0
6	2,2'-oxybis(1-Chloropropane)		< MRL		2.0
7	n-Nitrosodi-n-propylamine		< MRL		2.0
8	Hexachloroethane		< MRL		2.0
9	Nitrobenzene		< MRL		2.0
10	Isophorone		< MRL		2.0
11	bis(2-Chloroethoxy)methane		< MRL		2.0
12	1,2,4-Trichlorobenzene		< MRL		2.0
13	Naphthalene		< MRL		2.0
14	Hexachlorobutadiene		< MRL		2.0
15	2-Chloronaphthalene		< MRL		2.0
16	Dimethylphthalate		< MRL		2.0
17	2,6-Dinitrotoluene		< MRL		2.0
18	Acenaphthylene		< MRL		2.0
19	Acenaphthene		< MRL		2.0
20	2,4-Dinitrotoluene		< MRL		2.0
21	Diethylphthalate		< MRL		2.0
22	4-Chlorophenylphenylether		< MRL		2.0
23	Fluorene		< MRL		2.0
24	Azobenzene		< MRL		2.0
25	n-Nitrosodiphenylamine		< MRL		2.0
26	4-Bromophenylphenylether		< MRL		2.0
27	Hexachlorobenzene		< MRL		2.0
28	Phenanthrene		< MRL		2.0
29	Anthracene		< MRL		2.0
30	Di-n-butylphthalate		< MRL		2.0
31	Fluoranthene		< MRL		2.0
32	Pyrene		< MRL		2.0
33	Butylbenzylphthalate		< MRL		2.0
34	Benzo(a)anthracene		< MRL		2.0
35	bis(2-Ethylhexyl)phthalate		< MRL		2.0
36	Chrysene		< MRL		2.0
37	Di-n-octylphthalate		< MRL		2.0
38	Benzo(b)fluoranthene		< MRL		2.0
39	Benzo(k)fluoranthene		< MRL		2.0
40	Benzo(a)pyrene		< MRL		2.0
41	Indeno(1,2,3-cd)pyrene		< MRL		2.0
42	Dibenz(a,h)anthracene		< MRL		2.0
43	Benzo(g,h,i)perylene		< MRL		2.0

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:19:59 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 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	5247969	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	20714874	40.00	ug/L	0.00
17) Acenapthalene-d10	18.52	164	11323262	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	17013881	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	8971117	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	3652824	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2372836	29.21	ug/L	0.00
Spiked Amount 40.000			Recovery = 73.03%			
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	20.10	149	19812	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	39369	N.D.		
30) Nnitrosodiphenylamine	20.51	169	44000	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 : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
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Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

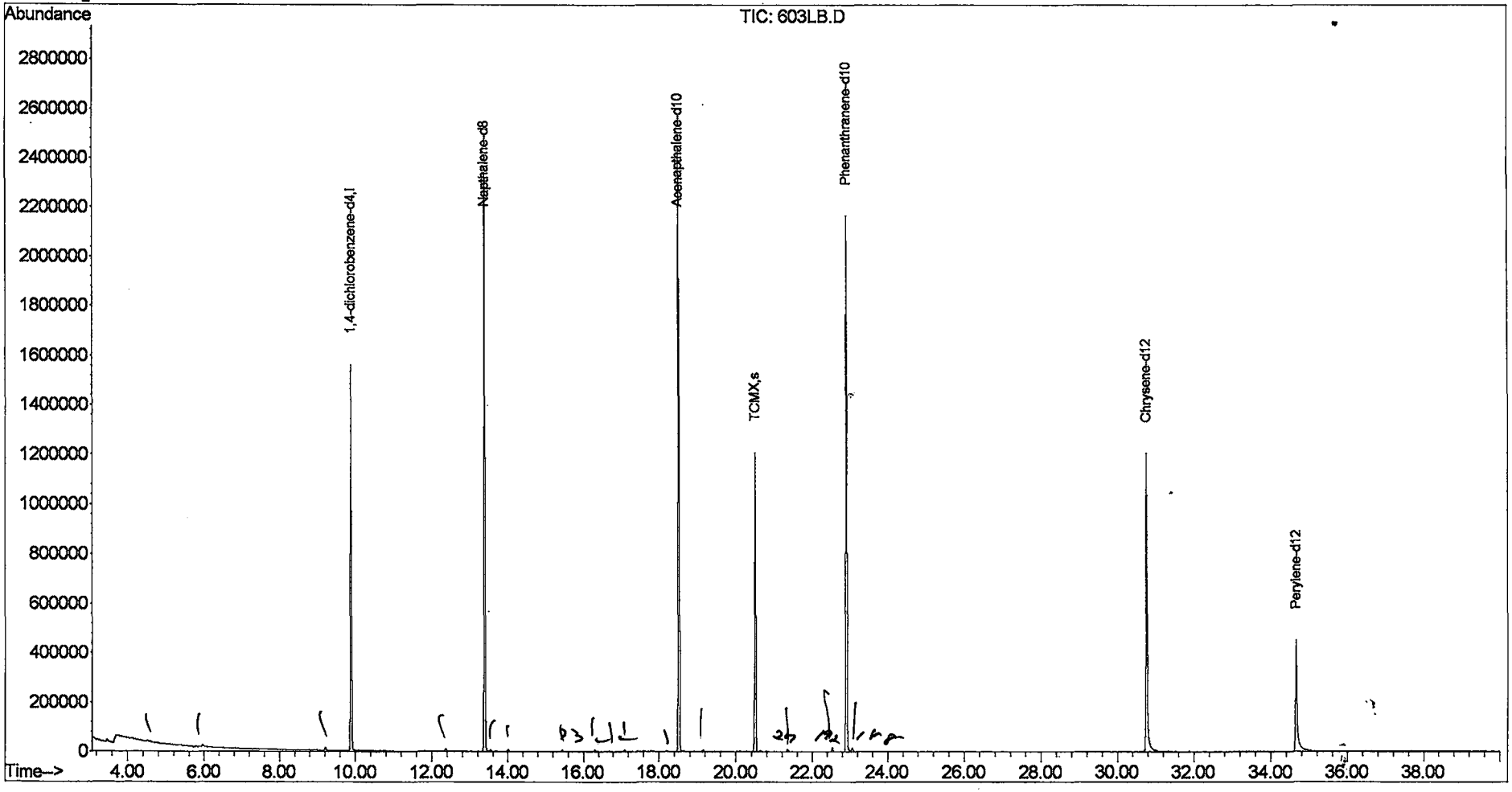
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36)	Fluoroanthene	0.00	202	0	N.D.	
38)	Pyrene	0.00	202	0	N.D.	
39)	Butylbenzylphthalate	0.00	149	0	N.D.	
40)	Benzo(a)anthracene	30.76	228	21336	N.D.	
41)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42)	Chrysene	0.00	228	0	N.D.	
44)	Di-n-octylphthalate	0.00	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\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:20 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh 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

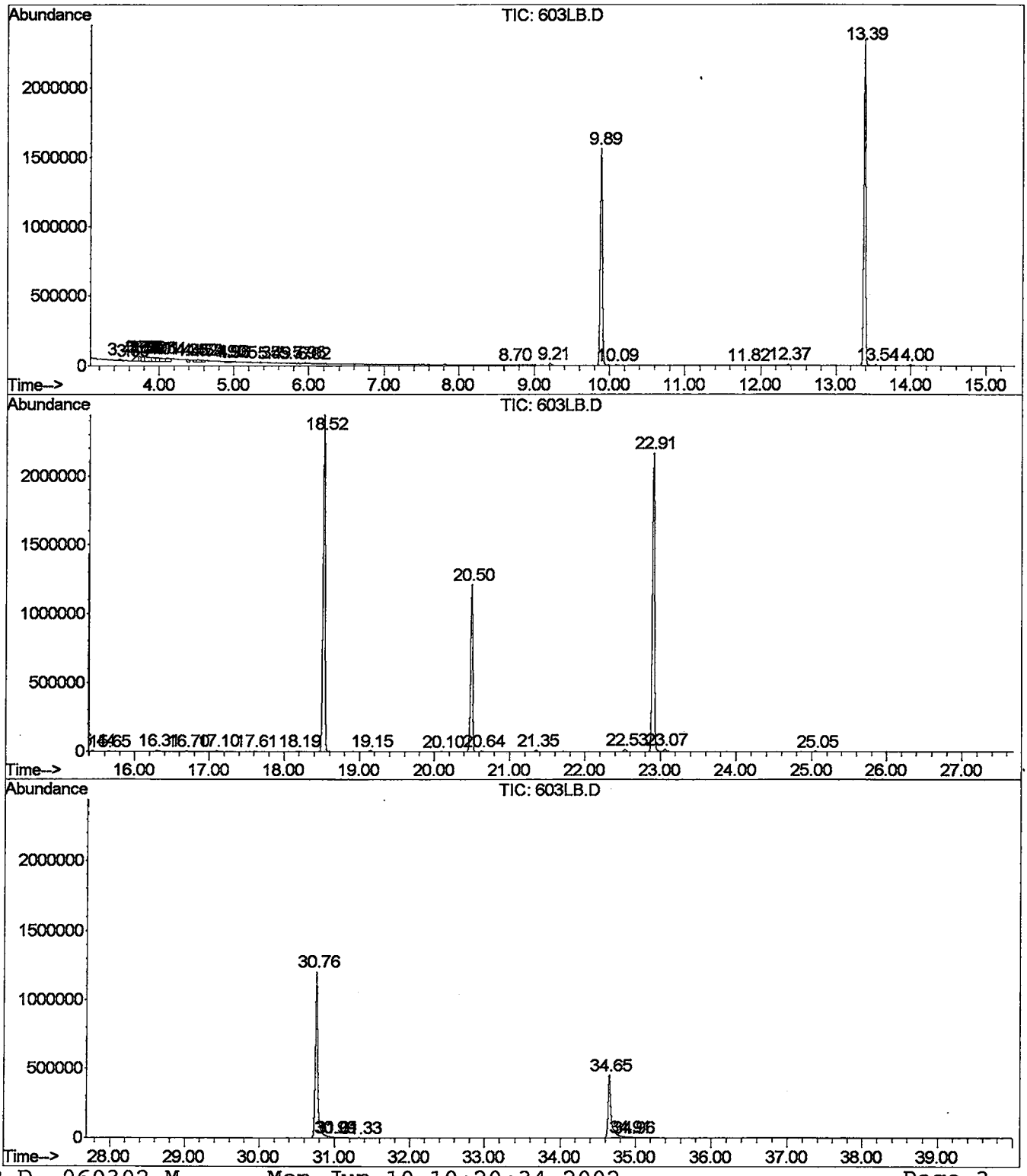
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.473	62	67	77	PV 6	10791	260053	0.56%	0.107%
2	3.596	86	88	92	PV 3	2164	22607	0.05%	0.009%
3	3.708	92	107	110	PV 3	32137	1154395	2.48%	0.477%
4	3.737	110	112	115	VV 3	31749	564537	1.21%	0.233%
5	3.773	115	118	123	VV 5	31341	826042	1.78%	0.341%
6	3.820	123	126	139	VV 7	29266	1590653	3.42%	0.657%
7	3.908	139	141	149	VV 7	26677	821234	1.77%	0.339%
8	3.961	149	150	157	VV 5	24670	729825	1.57%	0.302%
9	4.013	157	159	171	VV 9	23717	1041316	2.24%	0.430%
10	4.107	171	175	185	VV 6	24789	1098159	2.36%	0.454%
11	4.384	220	222	227	VV 5	15882	348625	0.75%	0.144%
12	4.472	235	237	241	VV 4	13852	288179	0.62%	0.119%
13	4.519	241	245	254	VV 8	16754	660868	1.42%	0.273%
14	4.589	254	257	261	VV 5	13680	297073	0.64%	0.123%
15	4.901	306	310	314	VV 5	7114	165968	0.36%	0.069%
16	4.936	314	316	318	VV	7076	90073	0.19%	0.037%
17	4.959	318	320	322	VV 3	6427	78116	0.17%	0.032%
18	5.353	385	387	391	VV 5	5472	101640	0.22%	0.042%
19	5.494	406	411	415	VV 3	3030	57674	0.12%	0.024%
20	5.770	454	458	461	VV 6	2161	26667	0.06%	0.011%
21	5.958	486	490	499	PV 3	7312	182976	0.39%	0.076%
22	6.017	499	500	512	VV 8	2816	62332	0.13%	0.026%
23	8.696	948	956	959	PV 5	1824	29658	0.06%	0.012%
24	9.213	1035	1044	1053	PV	12653	229365	0.49%	0.095%
25	9.889	1150	1159	1184	PV	1551546	31077696	66.87%	12.843%
26	10.089	1190	1193	1200	VV 6	2175	31699	0.07%	0.013%
27	11.822	1482	1488	1496	VV 5	2369	40768	0.09%	0.017%
28	12.369	1571	1581	1587	PV	8884	148160	0.32%	0.061%
29	13.385	1744	1754	1775	PV	2302272	41749162	89.84%	17.253%
30	13.538	1775	1780	1786	VV	6477	119072	0.26%	0.049%
31	14.002	1853	1859	1870	VV 2	6665	131493	0.28%	0.054%
32	15.441	2097	2104	2109	VV 2	6635	96302	0.21%	0.040%
33	15.647	2133	2139	2158	PV 3	1762	44575	0.10%	0.018%
34	16.305	2236	2251	2268	BV 3	7009	155885	0.34%	0.064%
35	16.699	2313	2318	2323	PV 2	3452	53077	0.11%	0.022%
36	17.104	2381	2387	2395	VV 3	6910	111684	0.24%	0.046%
37	17.615	2470	2474	2481	VV 3	3045	43355	0.09%	0.018%

38	18.191	2562	2572	2577	BV	4	3538	53978	0.12%	0.022%
39	18.526	2609	2629	2652	BV		2426096	46472669	100.00%	19.205%
40	19.143	2724	2734	2745	PV	2	5973	112245	0.24%	0.046%
41	20.101	2891	2897	2904	VV	4	2386	46887	0.10%	0.019%
42	20.500	2940	2965	2983	PV		1212020	23234875	50.00%	9.602%
43	20.641	2983	2989	3001	VB	3	2952	58847	0.13%	0.024%
44	21.352	3099	3110	3117	PV	2	8743	146652	0.32%	0.061%
45	22.533	3304	3311	3333	VV		15648	284120	0.61%	0.117%
46	22.909	3364	3375	3395	VV	2	2181709	45708653	98.36%	18.889%
47	23.068	3395	3402	3418	VV	3	15986	354665	0.76%	0.147%
48	25.054	3704	3740	3747	PV	7	2525	60667	0.13%	0.025%
49	30.759	4700	4711	4749	PV	2	1203651	27560693	59.31%	11.390%
50	30.988	4749	4750	4753	VV	2	5408	72987	0.16%	0.030%
51	31.012	4753	4754	4760	VV	5	4263	86496	0.19%	0.036%
52	31.329	4804	4808	4814	VV	2	1958	31537	0.07%	0.013%
53	34.655	5362	5374	5416	PV		450955	13042742	28.07%	5.390%
54	34.913	5416	5418	5424	VV	5	3964	82858	0.18%	0.034%
55	34.960	5424	5426	5432	VV	5	2358	37896	0.08%	0.016%

Sum of corrected areas: 241980432

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060602\603LB.D
Operator : McLean
Acquired : 6 Jun 2002 12:57 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 6/3 eh
Misc Info :
Vial Number: 3
Quant File :060302.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

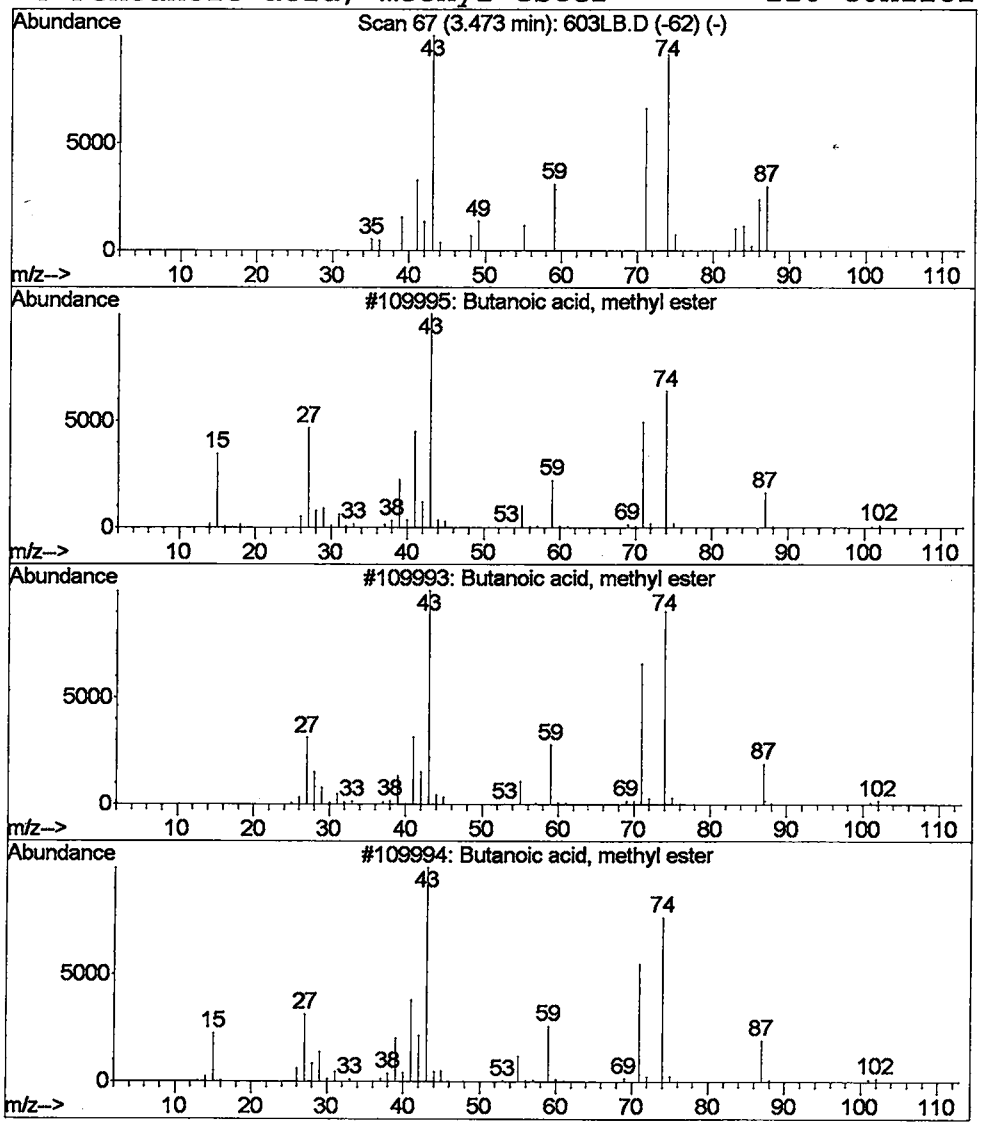
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

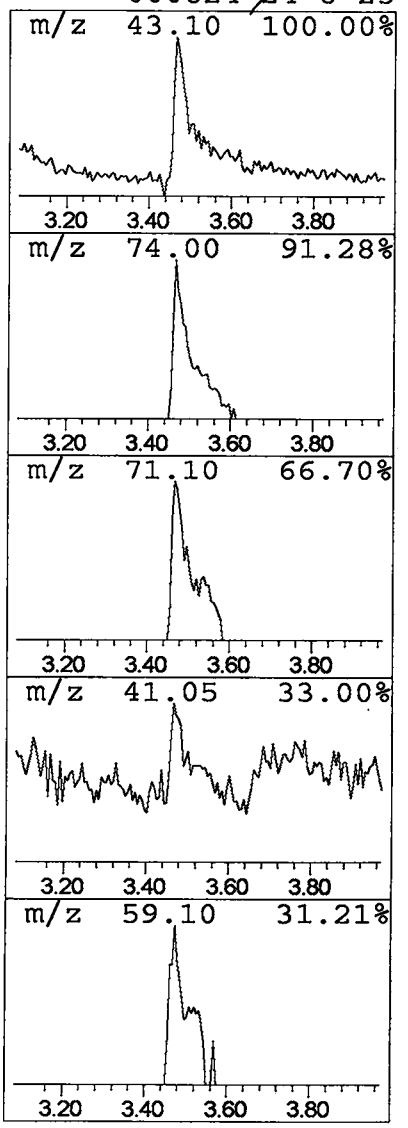
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	0.33 ug/L	260053	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	53
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	40
4	Pentanoic acid, methyl ester	116	C6H12O2	000624-24-8	25





Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

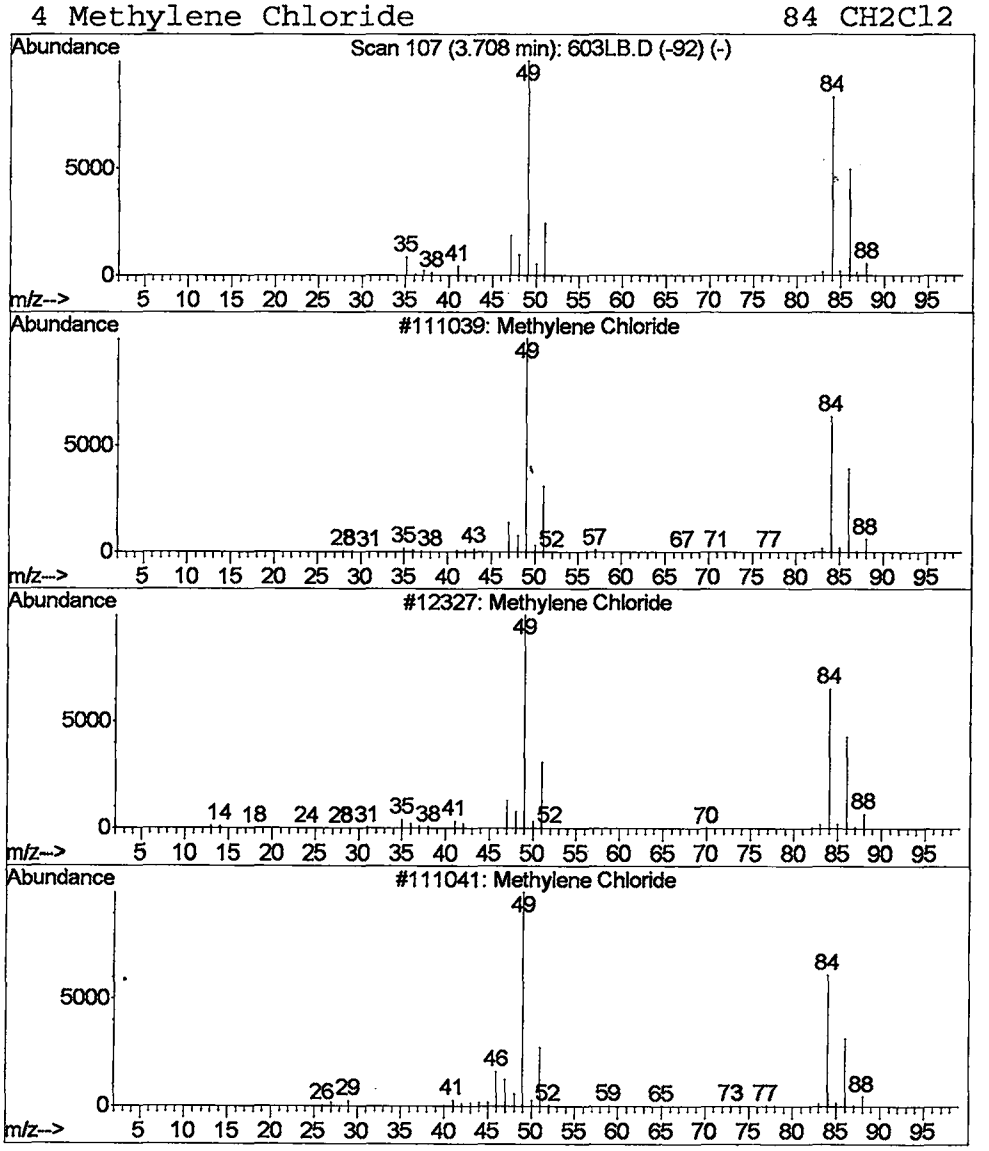
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

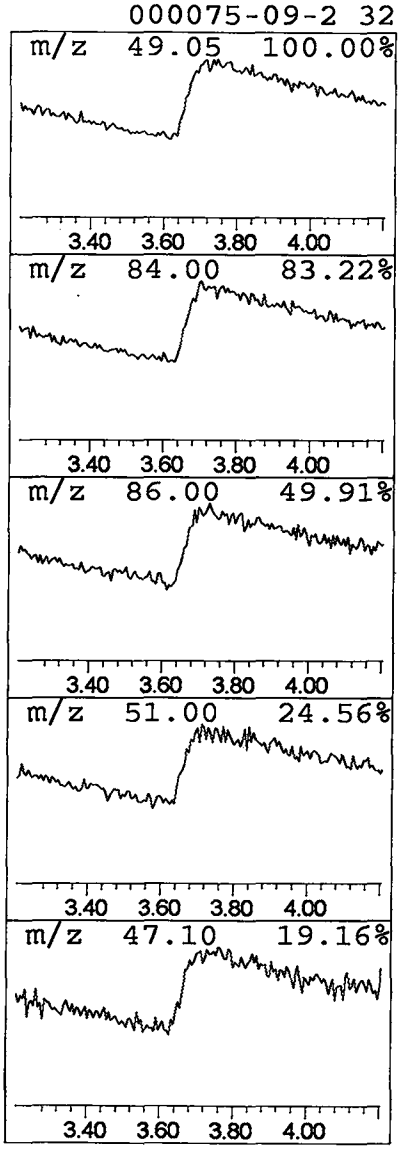
****

Peak Number 2 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	1.49 ug/L	1154400	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	72
4	Methylene Chloride	84	CH2Cl2	000075-09-2	32





Library Search Compound Report

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Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

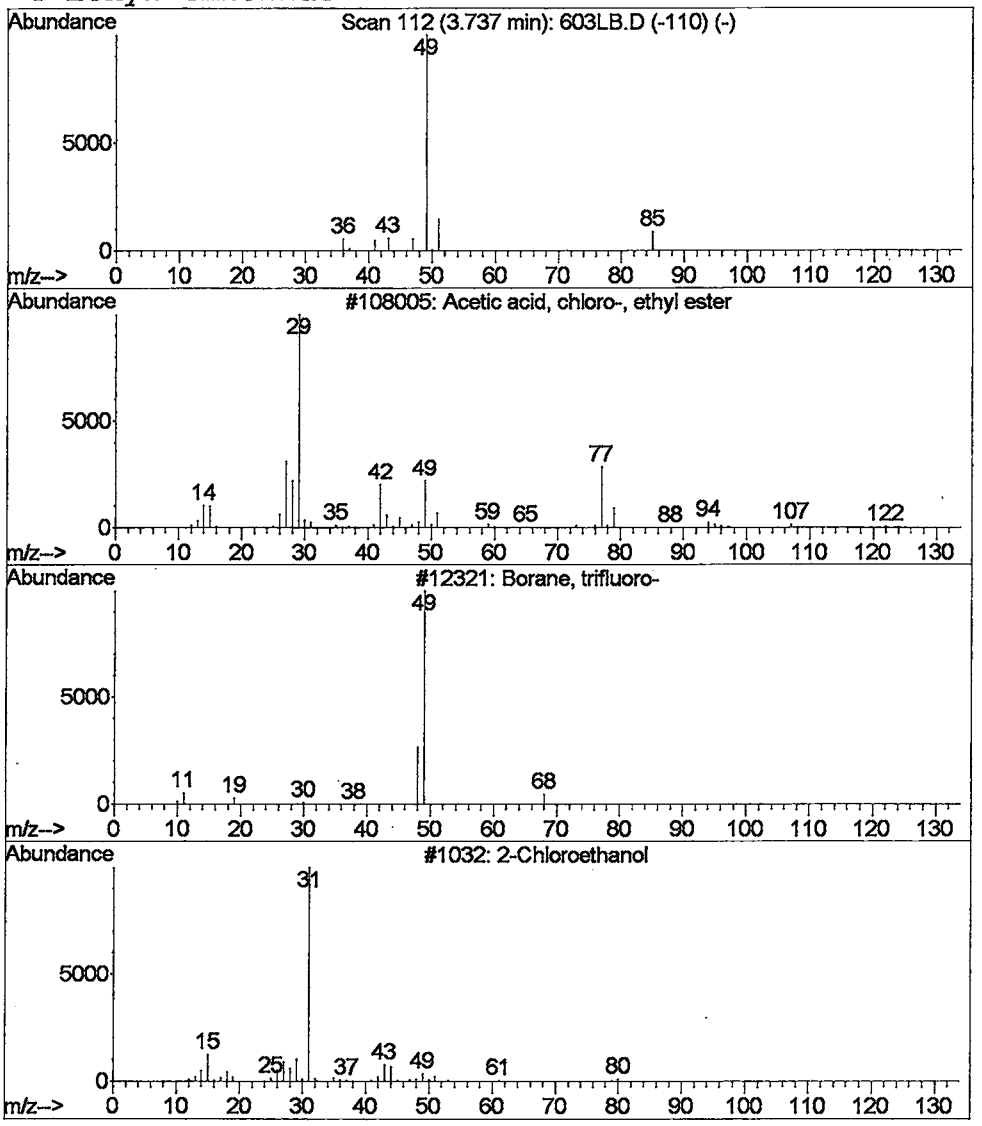
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

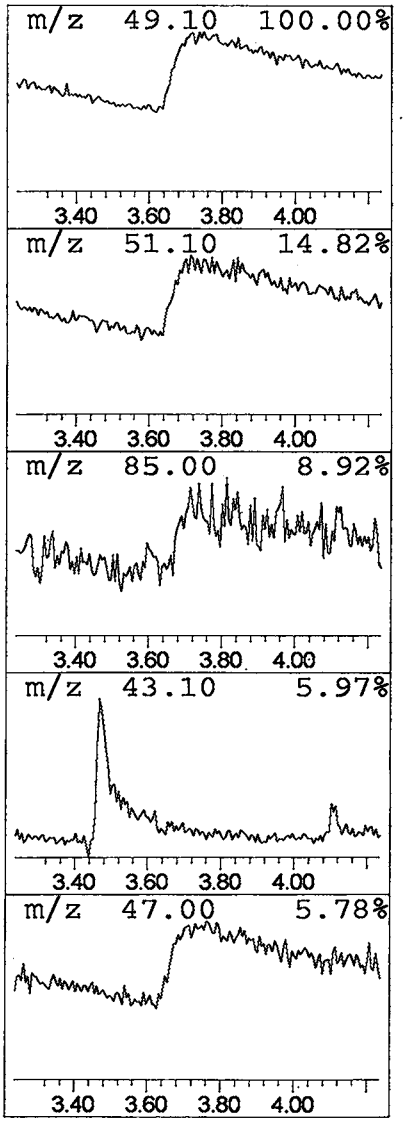
****

Peak Number 3 Acetic acid, chloro-, ethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	0.73 ug/L	564537	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	1
2	Borane, trifluoro-	68	BF3	007637-07-2	1
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

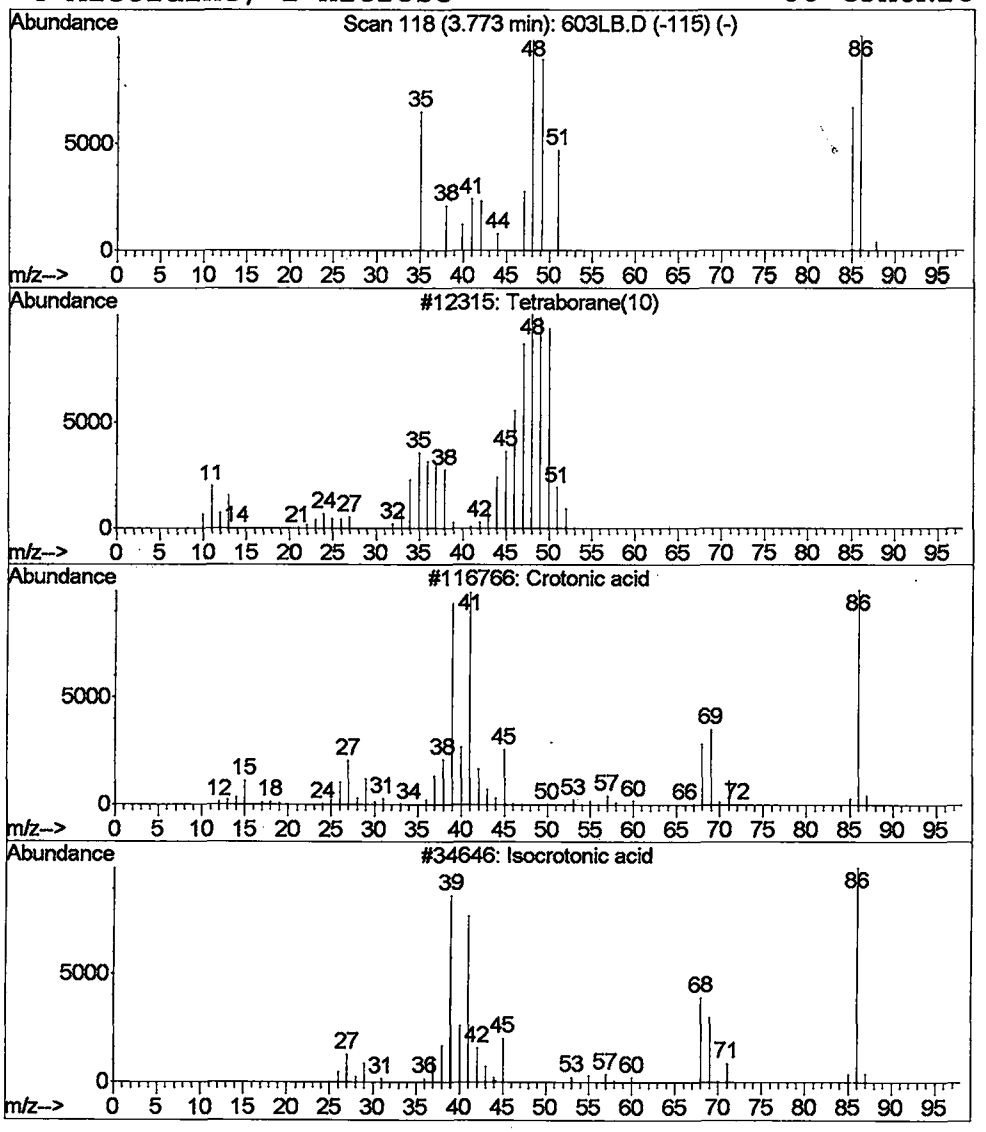
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

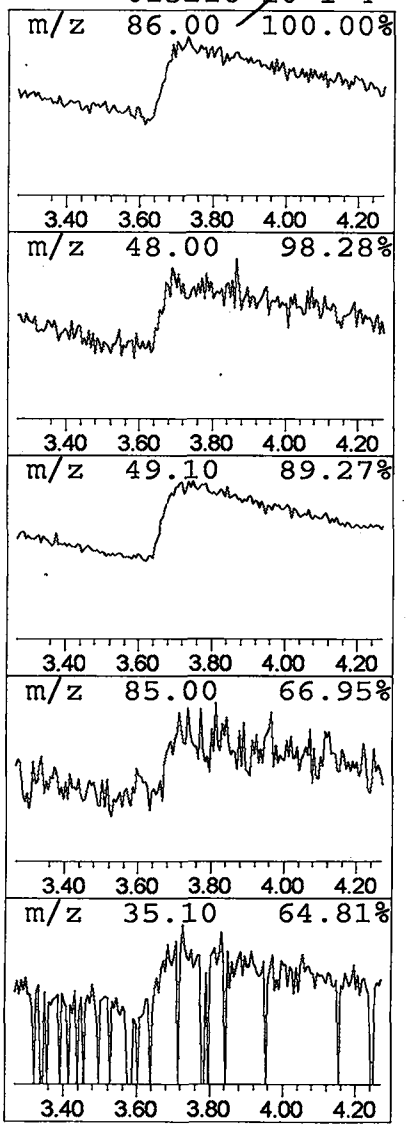
****

Peak Number 4 Tetraborane(10) Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	1.06 ug/L	826042	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraborane(10)	54	B4H10	018283-93-7	34
2	Crotonic acid	86	C4H6O2	003724-65-0	9
3	Isocrotonic acid	86	C4H6O2	000503-64-0	7
4	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	4





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

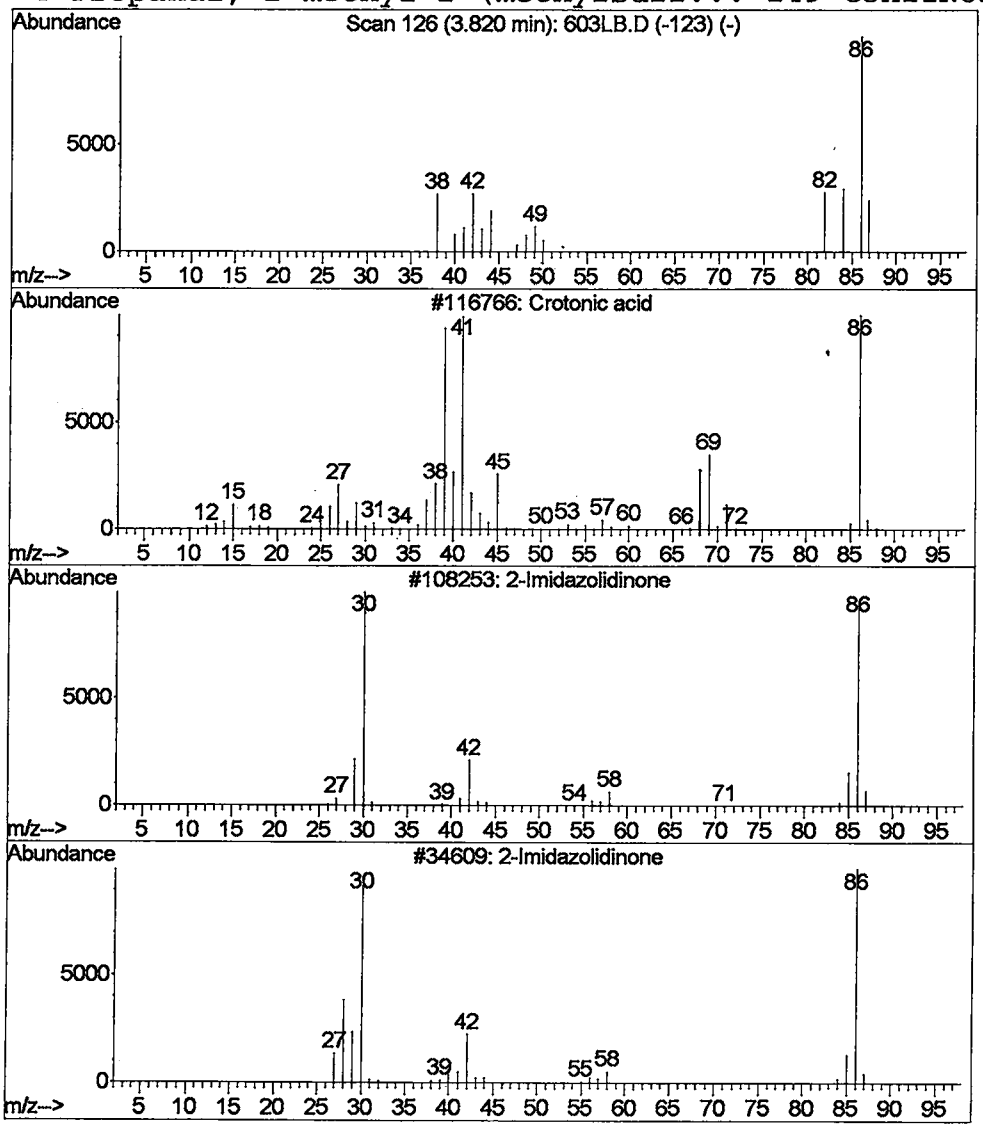
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

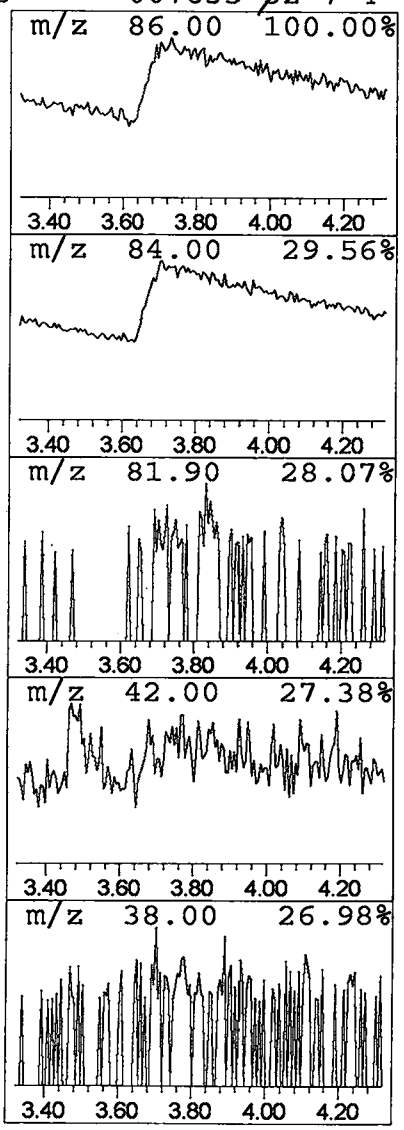
****

Peak Number 5 Crotonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	2.05 ug/L	1590650	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Crotonic acid	86	C4H6O2	003724-65-0	5
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
4	Propanal, 2-methyl-2-(methylsulf...	149	C5H11NO2S	007635-32-7	4





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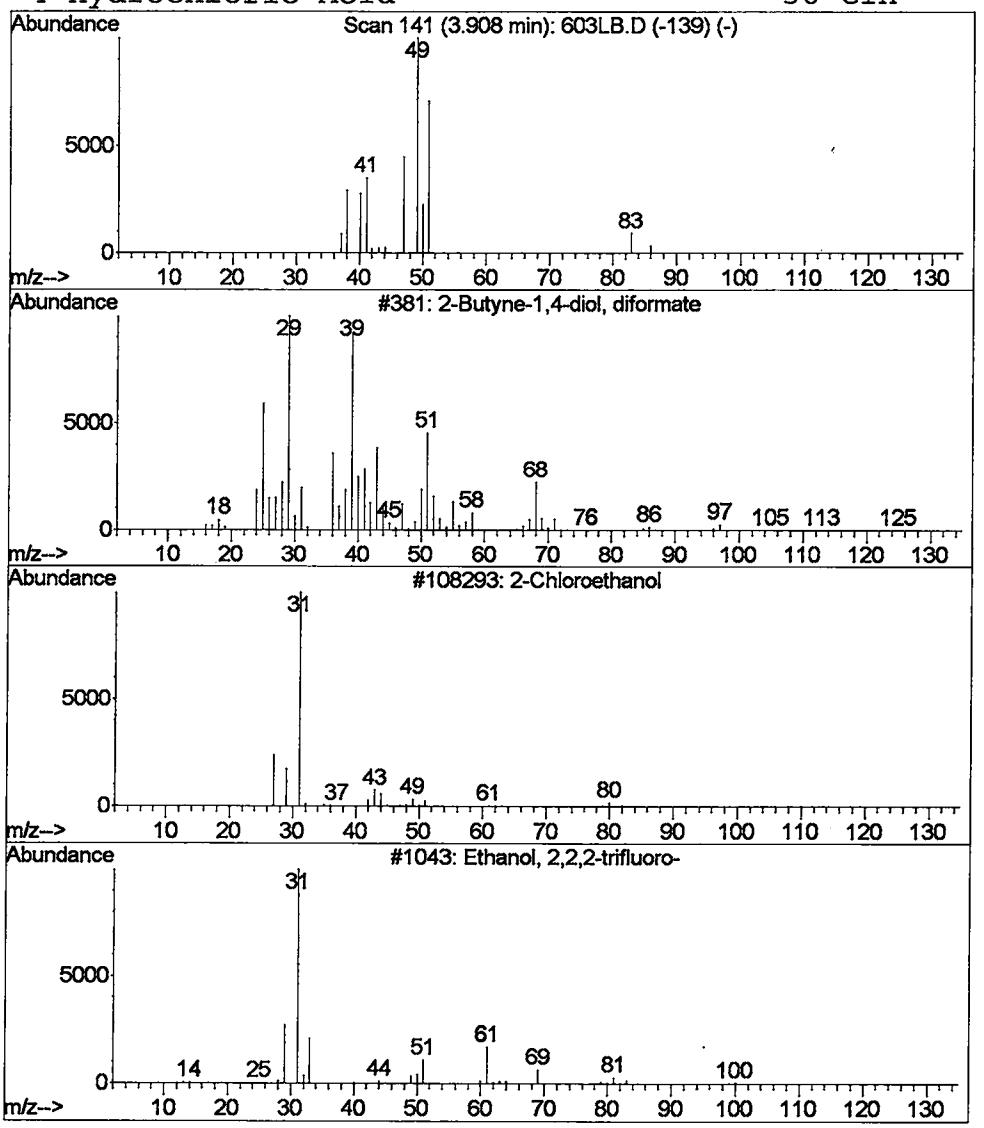
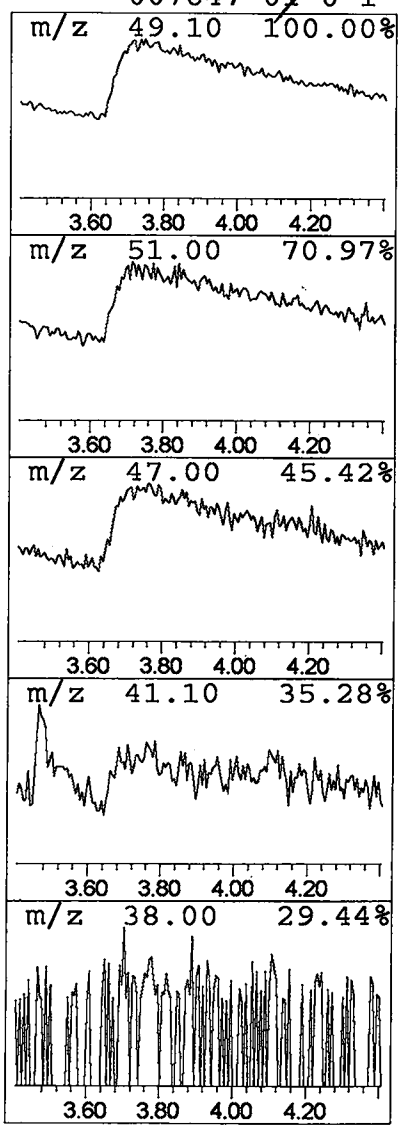
Peak Number 6 2-Butyne-1,4-diol, diformate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.91	1.06 ug/L	821234	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	4
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	1
3	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	1
4	Hydrochloric Acid	36	ClH	007647-01-0	1





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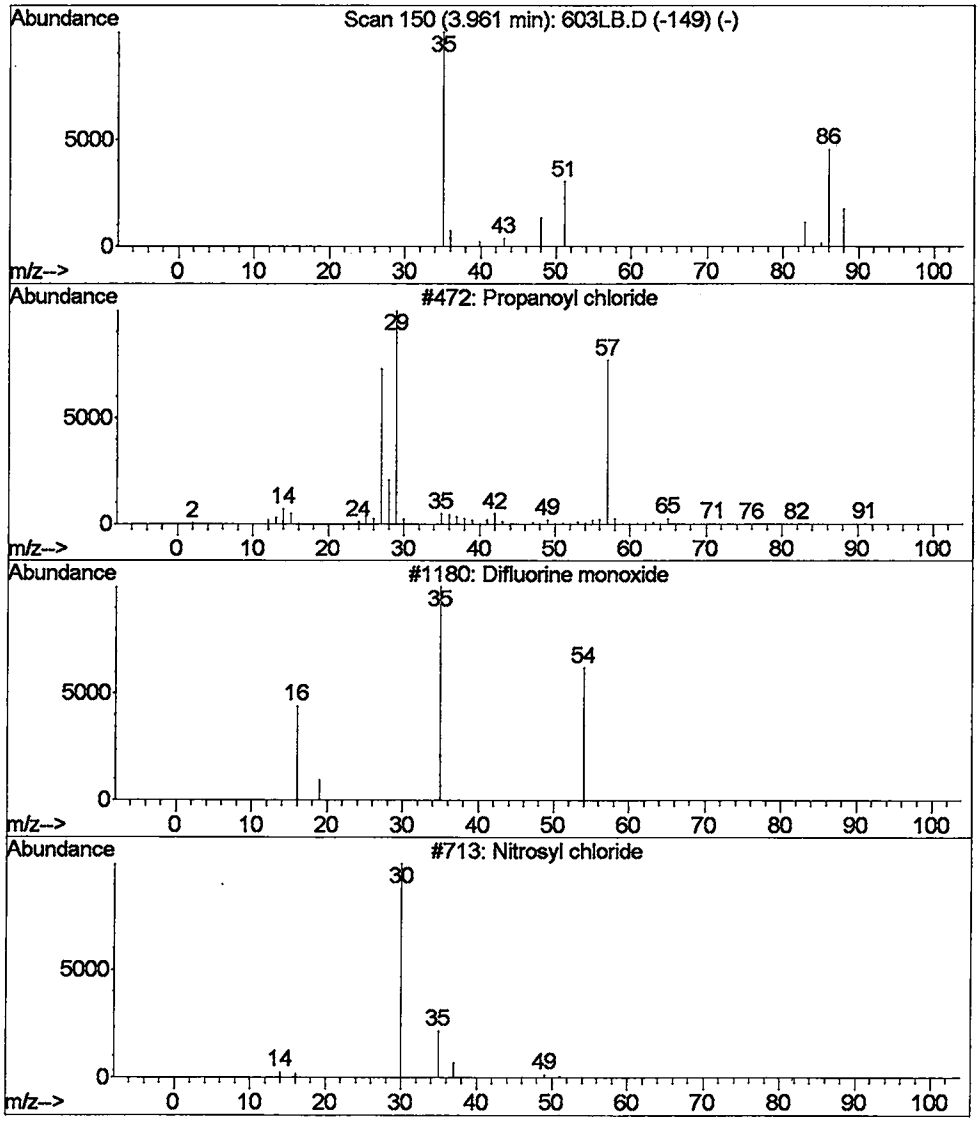
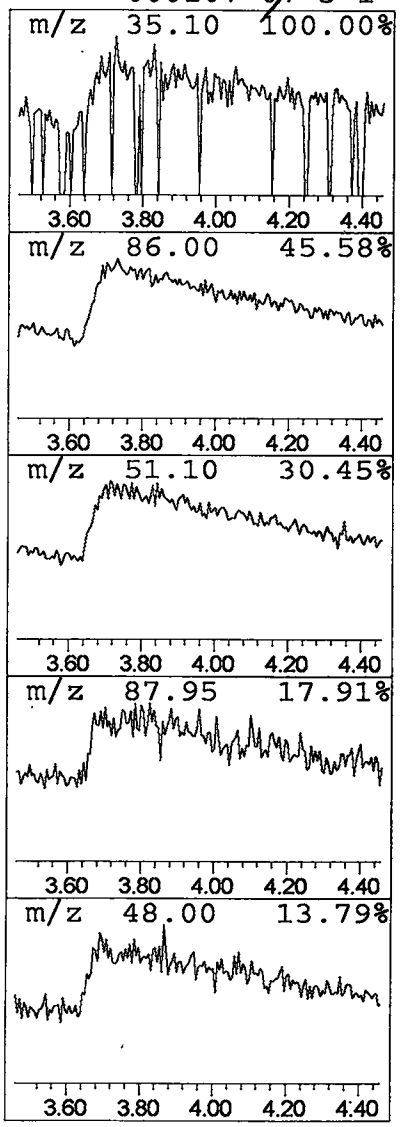
Peak Number 7 Propanoyl chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.96	0.94 ug/L	729825	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoyl chloride	92	C3H5ClO	000079-03-8	1
2	Difluorine monoxide	54	F2O	007783-41-7	1
3	Nitrosyl chloride	65	ClNO	002696-92-6	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





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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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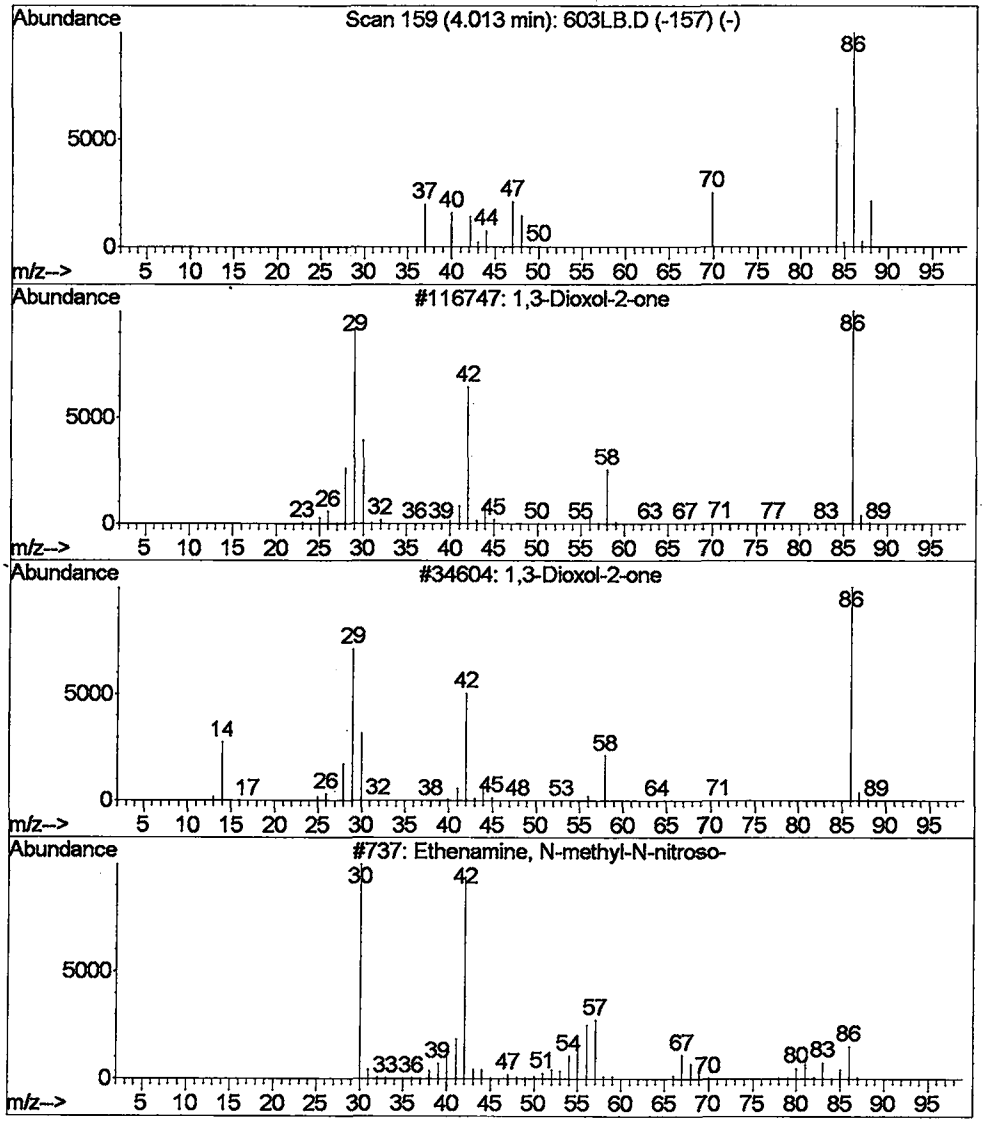
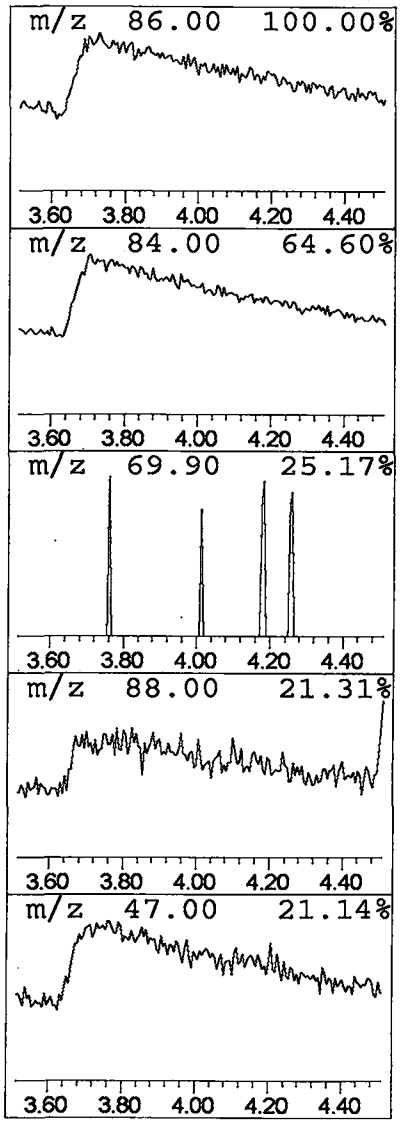
Peak Number 8 1,3-Dioxol-2-one Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.01	1.34 ug/L	1041320	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	7
2	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	5
3	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	5
4	Crotonic acid	86	C4H6O2	003724-65-0	5





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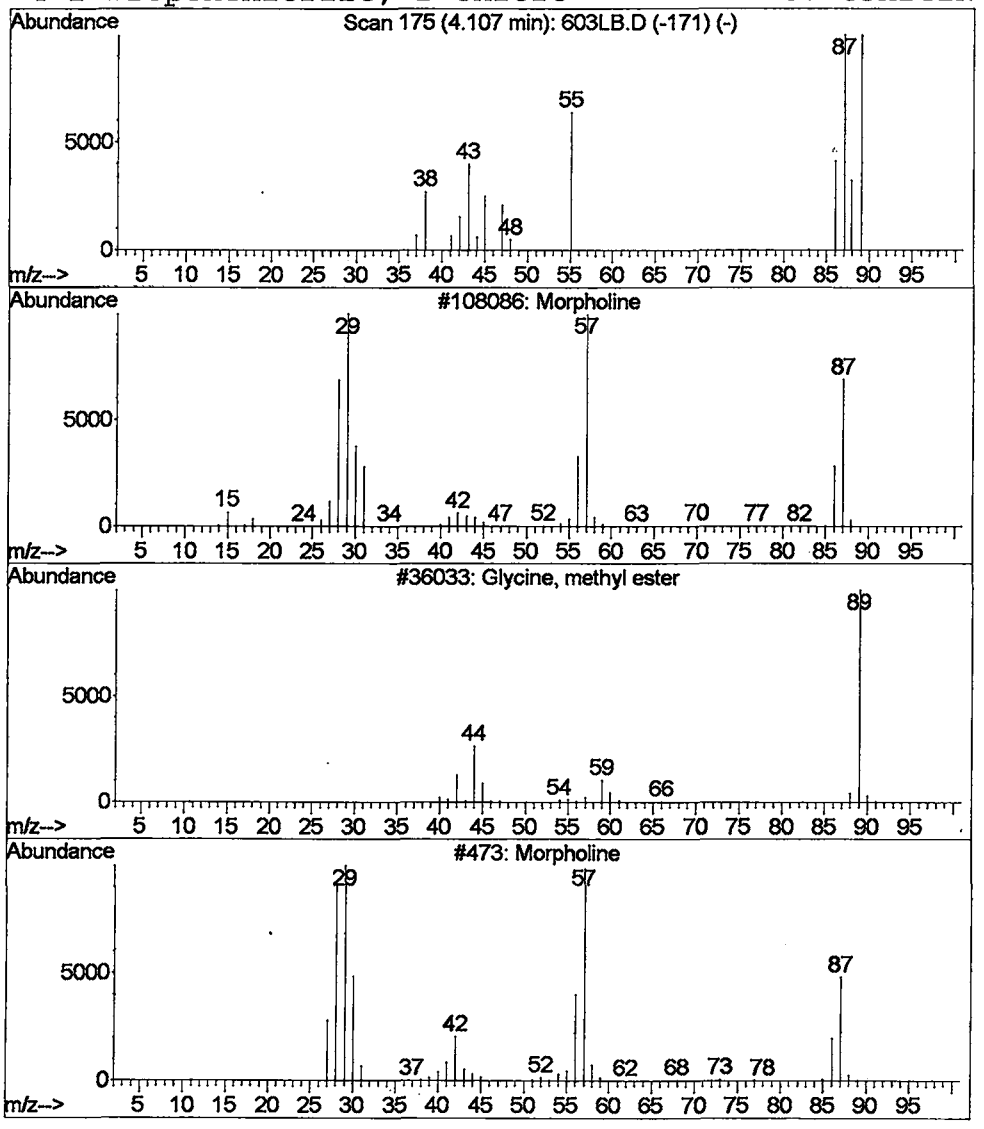
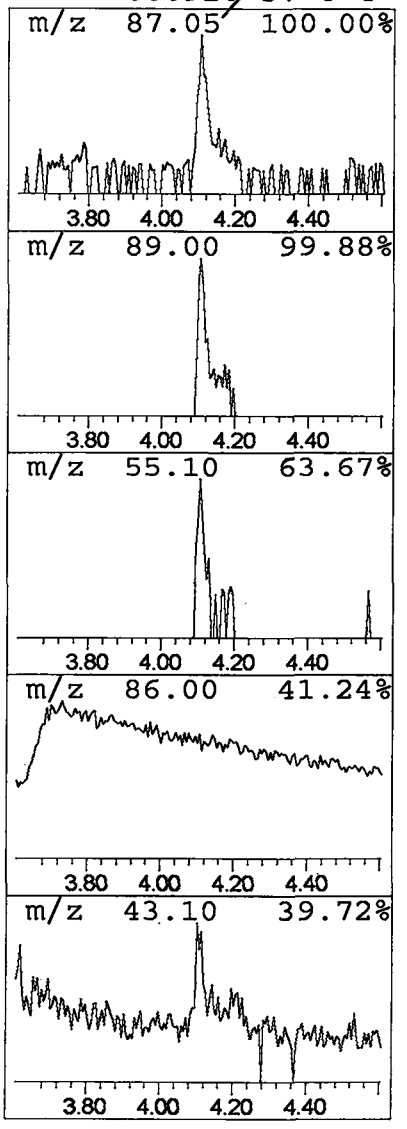
Peak Number 9 Morpholine Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	1.41 ug/L	1098160	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Morpholine	87	C4H9NO	000110-91-8	9
2	Glycine, methyl ester	89	C3H7NO2	000616-34-2	5
3	Morpholine	87	C4H9NO	000110-91-8	4
4	2-Propenenitrile, 2-chloro-	87	C3H2ClN	000920-37-6	4





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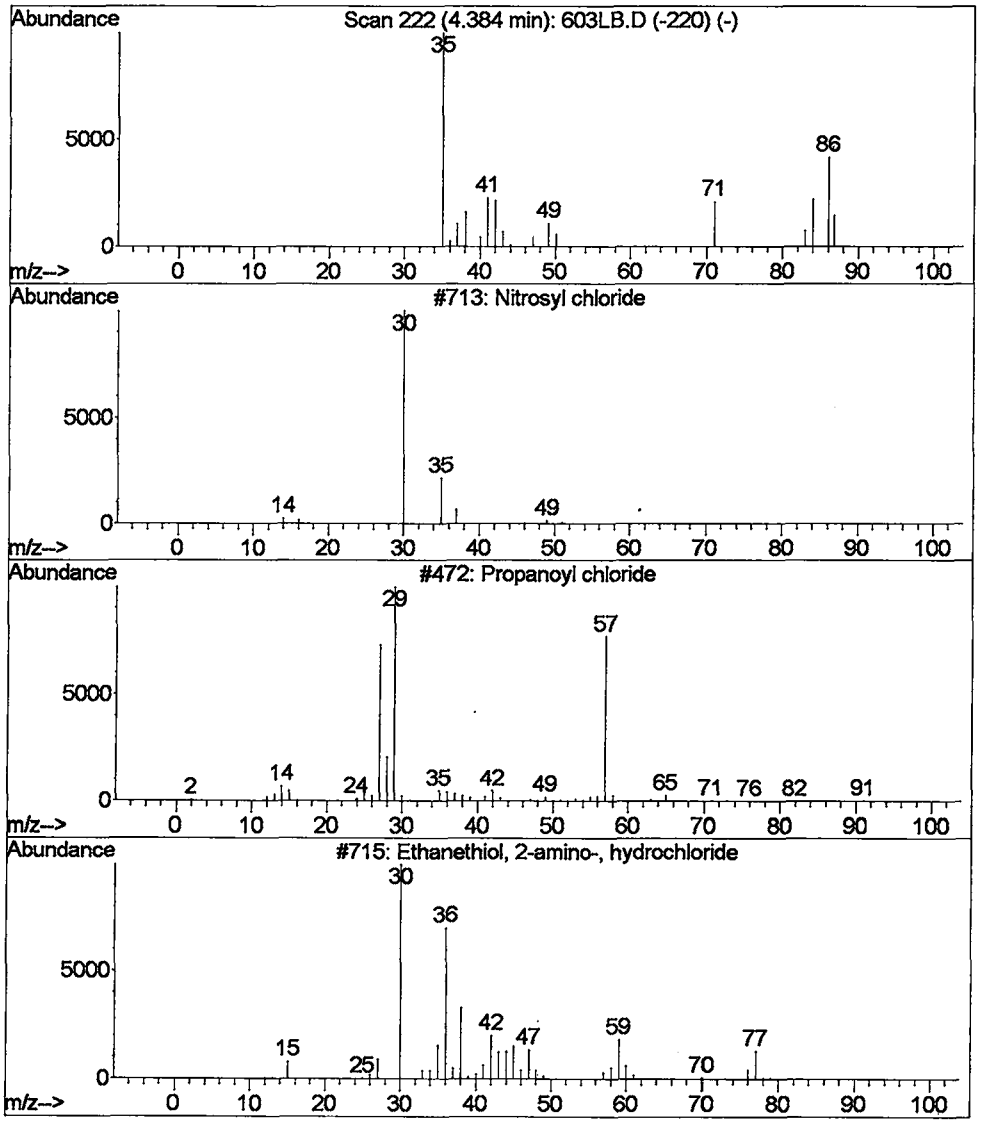
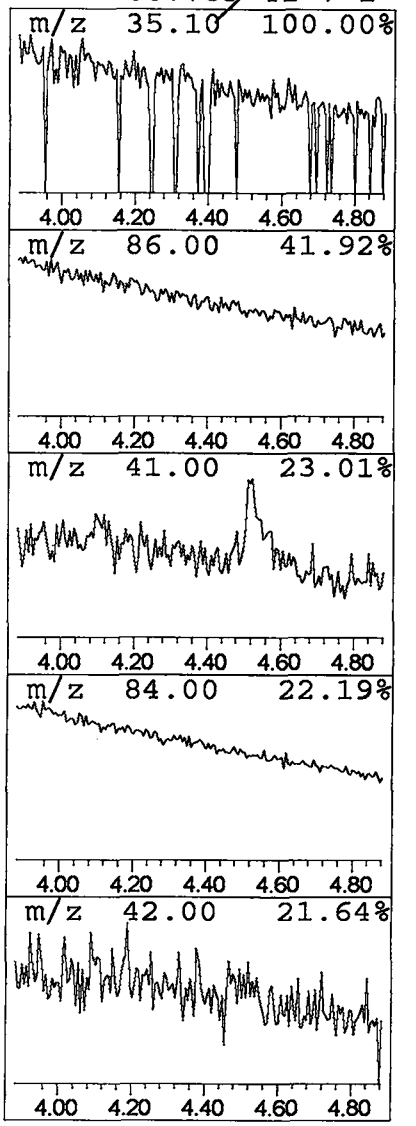
Peak Number 10 Nitrosyl chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	0.45 ug/L	348625	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrosyl chloride	65	ClNO	002696-92-6	2
2	Propanoyl chloride	92	C3H5ClO	000079-03-8	1
3	Ethanethiol, 2-amino-, hydrochlo...	113	C2H8ClNS	000156-57-0	1
4	Difluorine monoxide	54	F2O	007783-41-7	1





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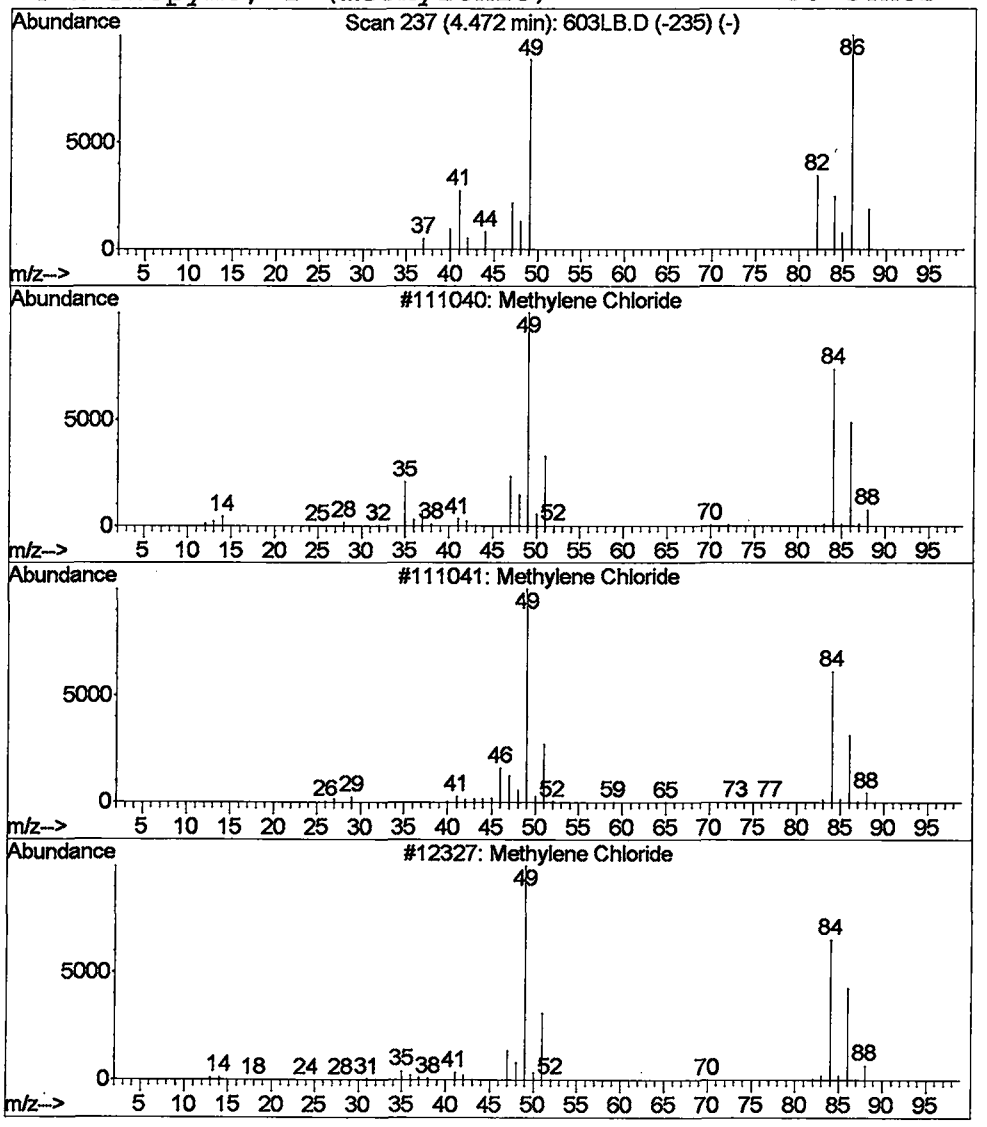
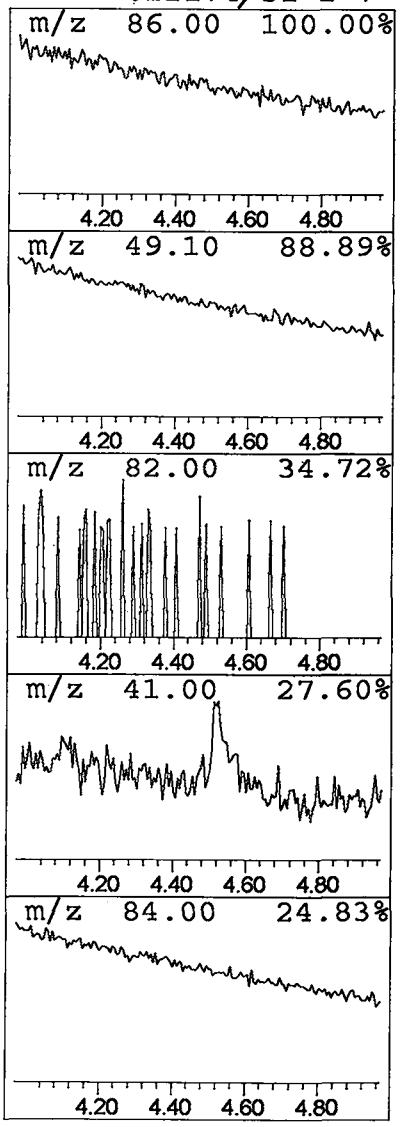
Peak Number 11 Methylene Chloride Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	0.37 ug/L	288179	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	39
2	Methylene Chloride	84	CH2Cl2	000075-09-2	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	9
4	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	7





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Library : C:\DATABASE\NIST98.L

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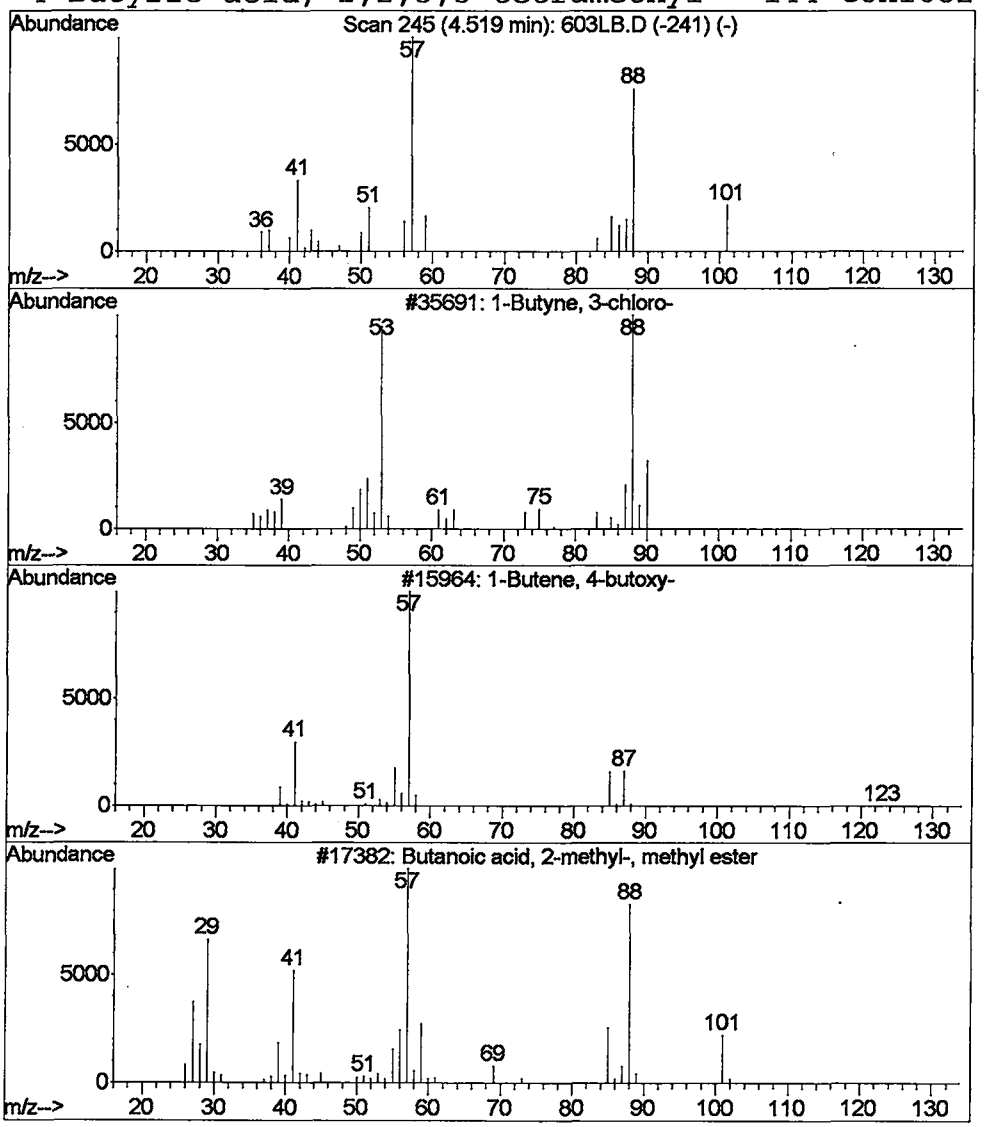
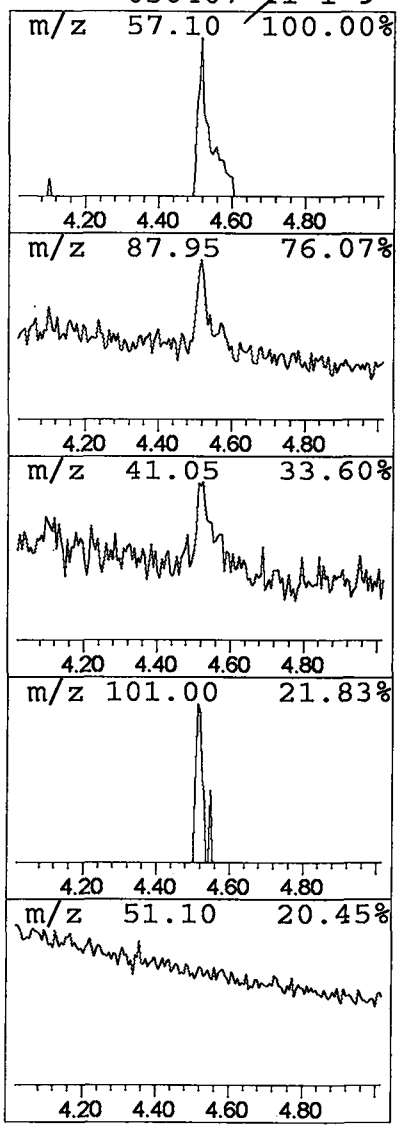
Peak Number 12 1-Butyne, 3-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	0.85 ug/L	660868	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	9
2	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	9
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	9
4	Butyric acid, 2,2,3,3-tetramethyl-	144	C8H16O2	030407-41-1	9





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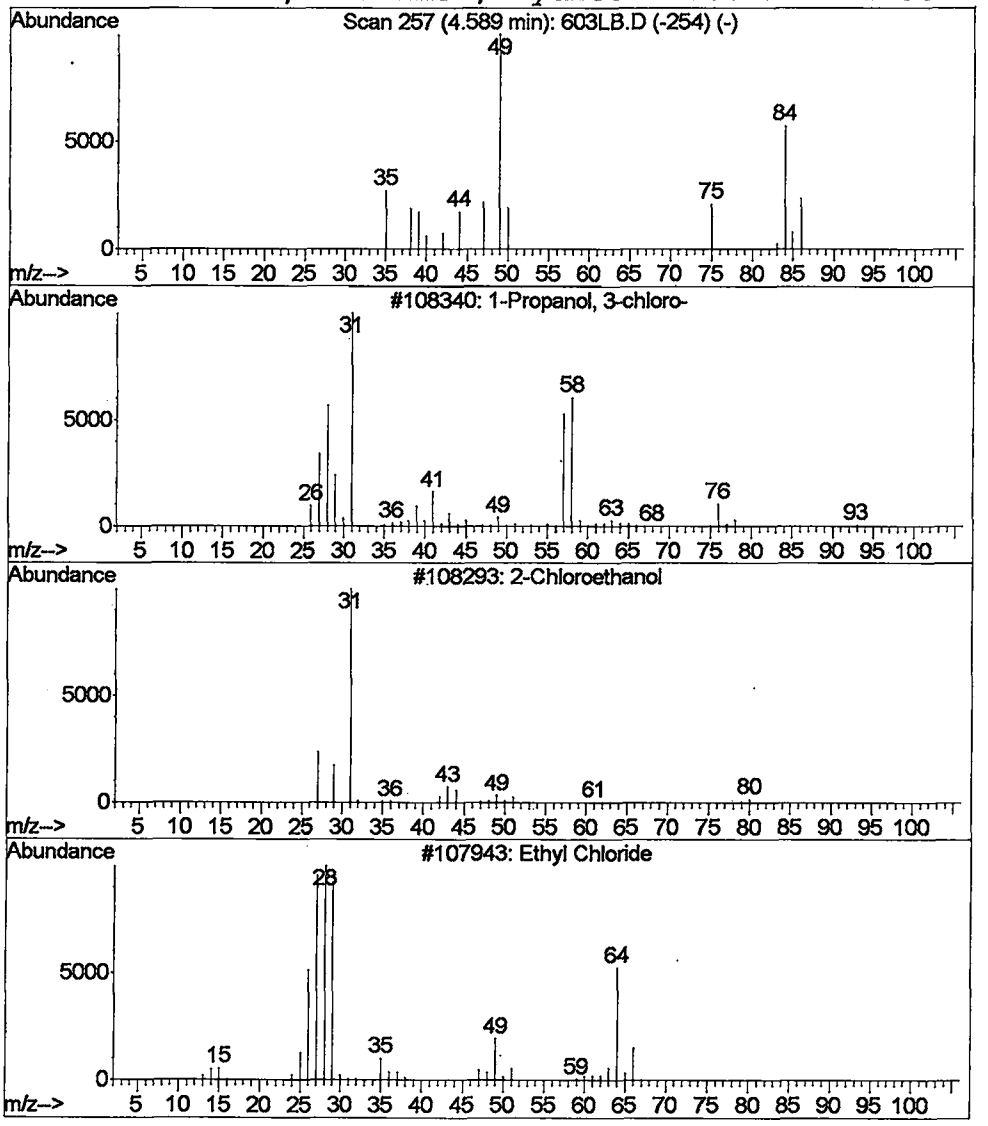
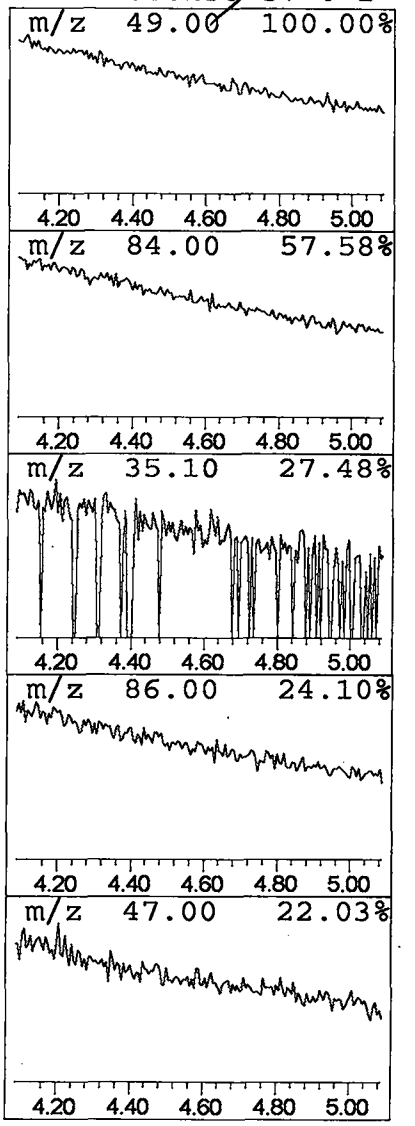
Peak Number 13 1-Propanol, 3-chloro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	0.38 ug/L	297073	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	2
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	2
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
4	Ethanethiol, 2-amino-, hydrochlo...	113	C2H8ClNS	000156-57-0	2





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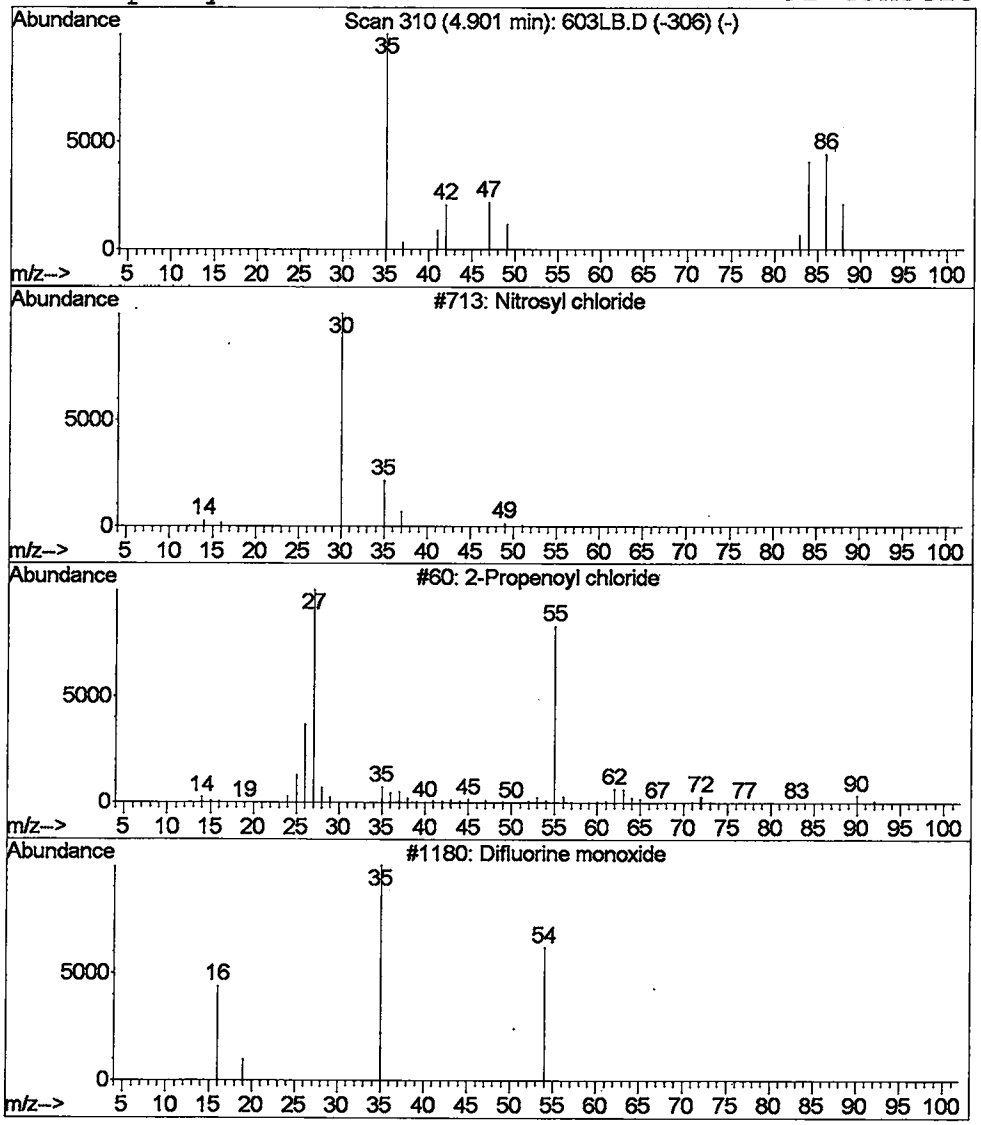
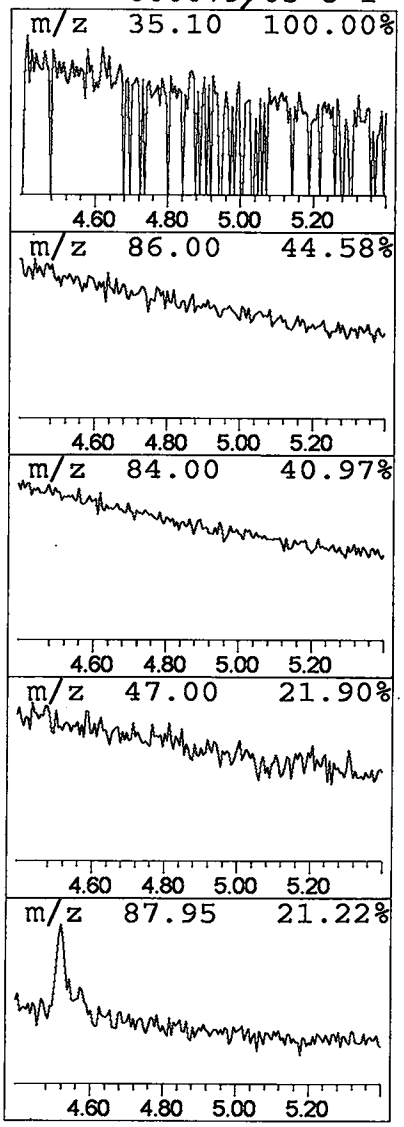
Peak Number 14 Nitrosyl chloride Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	0.21 ug/L	165968	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrosyl chloride	65	ClNO	002696-92-6	2
2	2-Propenoyl chloride	90	C3H3ClO	000814-68-6	1
3	Difluorine monoxide	54	F2O	007783-41-7	1
4	Propanoyl chloride	92	C3H5ClO	000079-03-8	1





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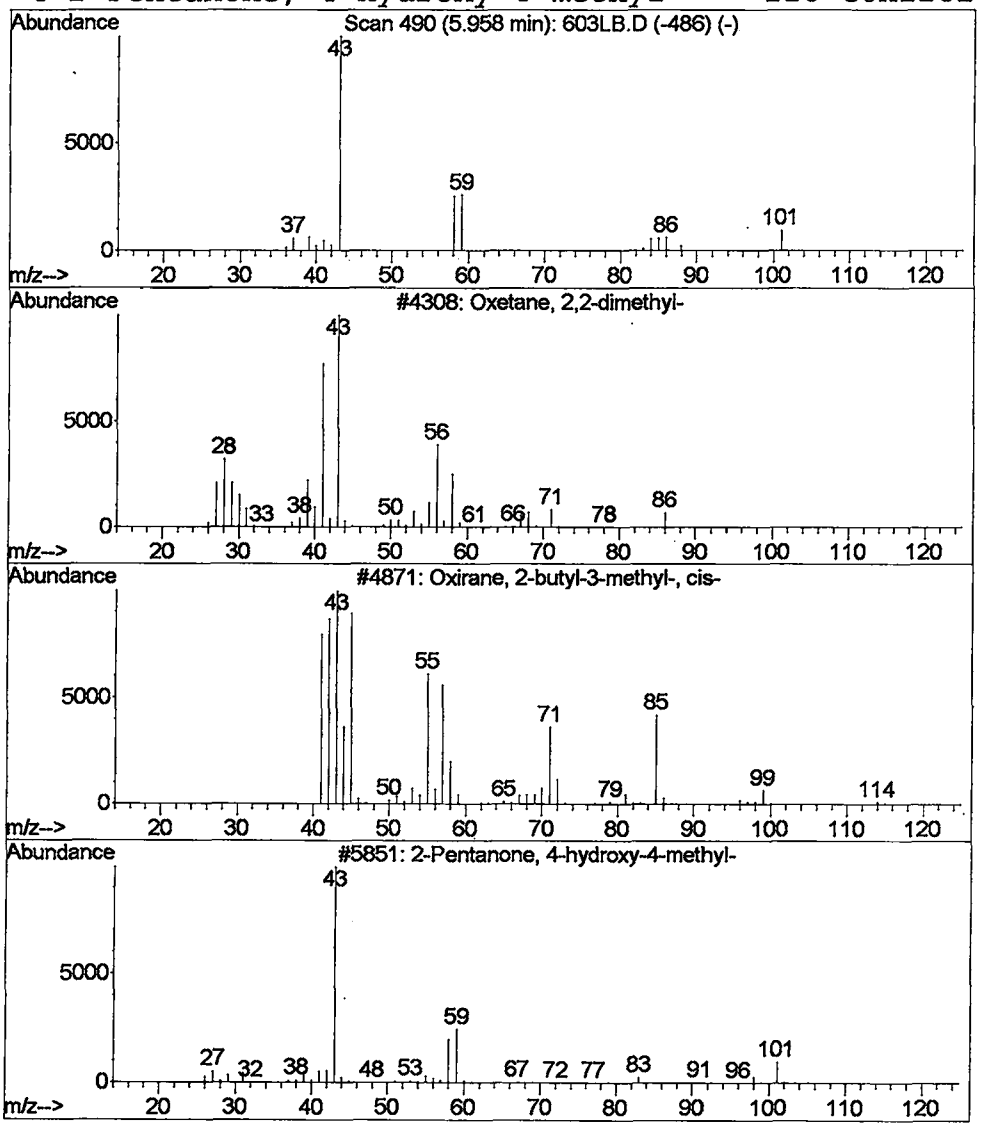
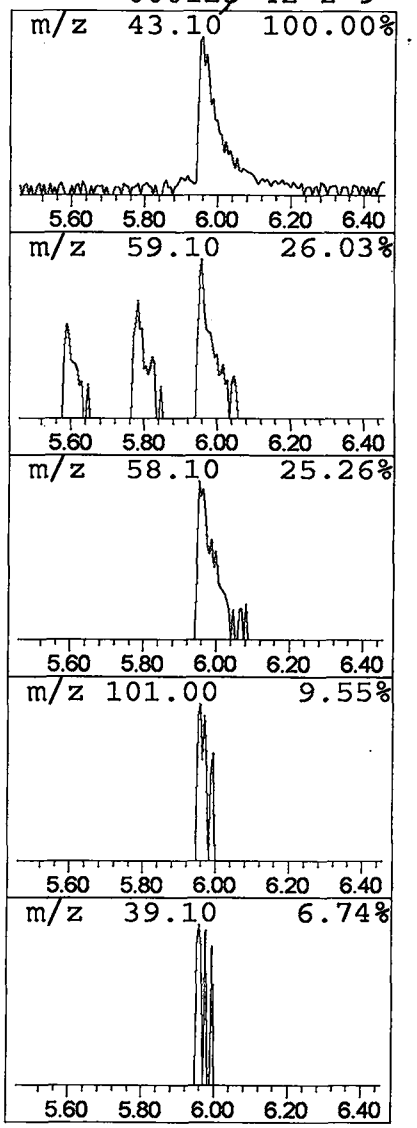
Peak Number 15 Oxetane, 2,2-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.24 ug/L	182976	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxetane, 2,2-dimethyl-	86	C5H10O	006245-99-4	9
2	Oxirane, 2-butyl-3-methyl-, cis-	114	C7H14O	056052-93-8	9
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9





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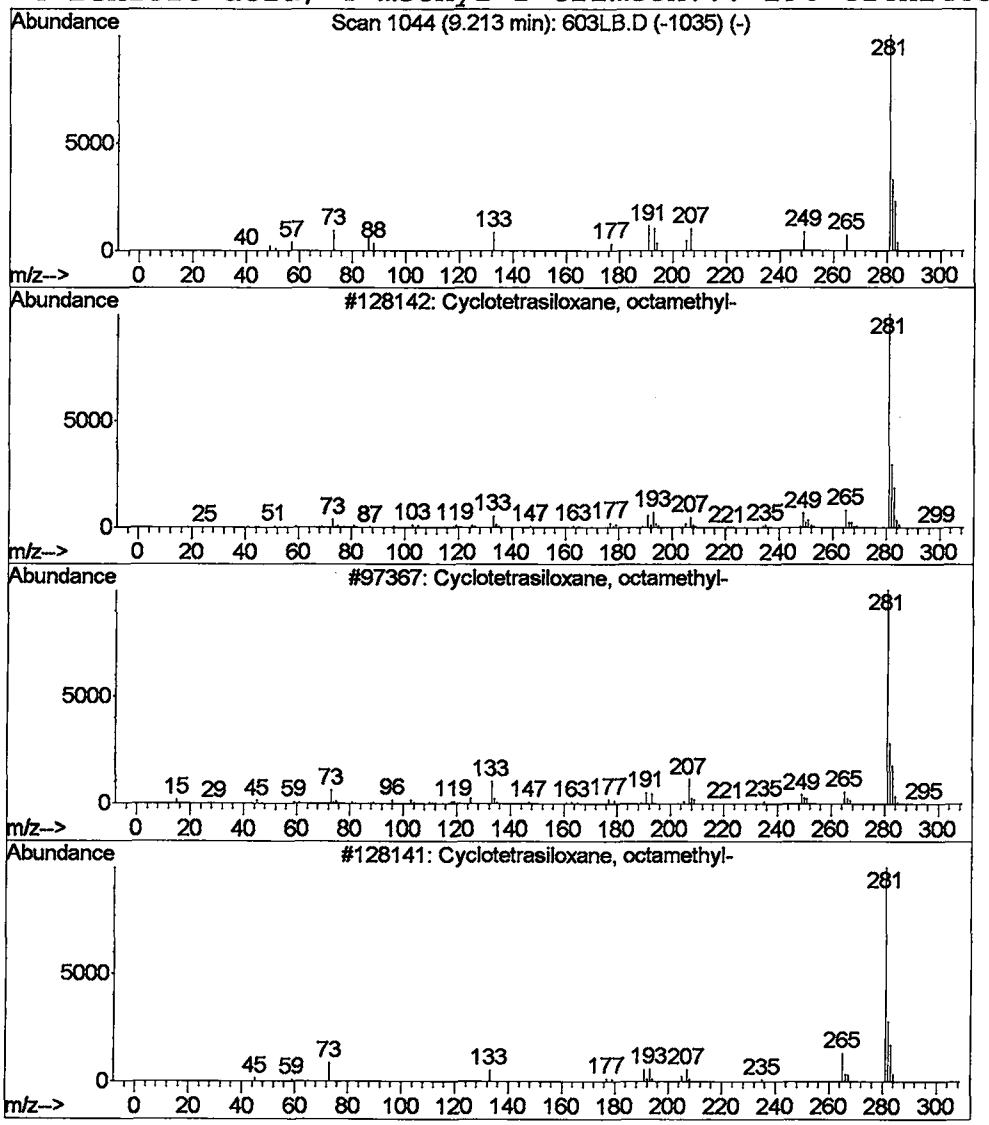
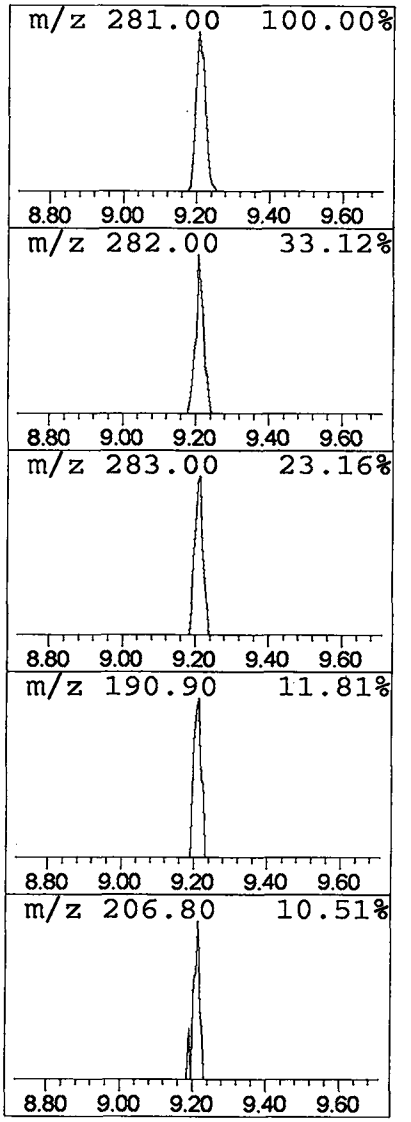
Peak Number 16 Cyclotetrasiloxane, octamet... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	0.30 ug/L	229365	1,4-dichlorobenzene-d4	9.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
3	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	56
4	Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	36





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

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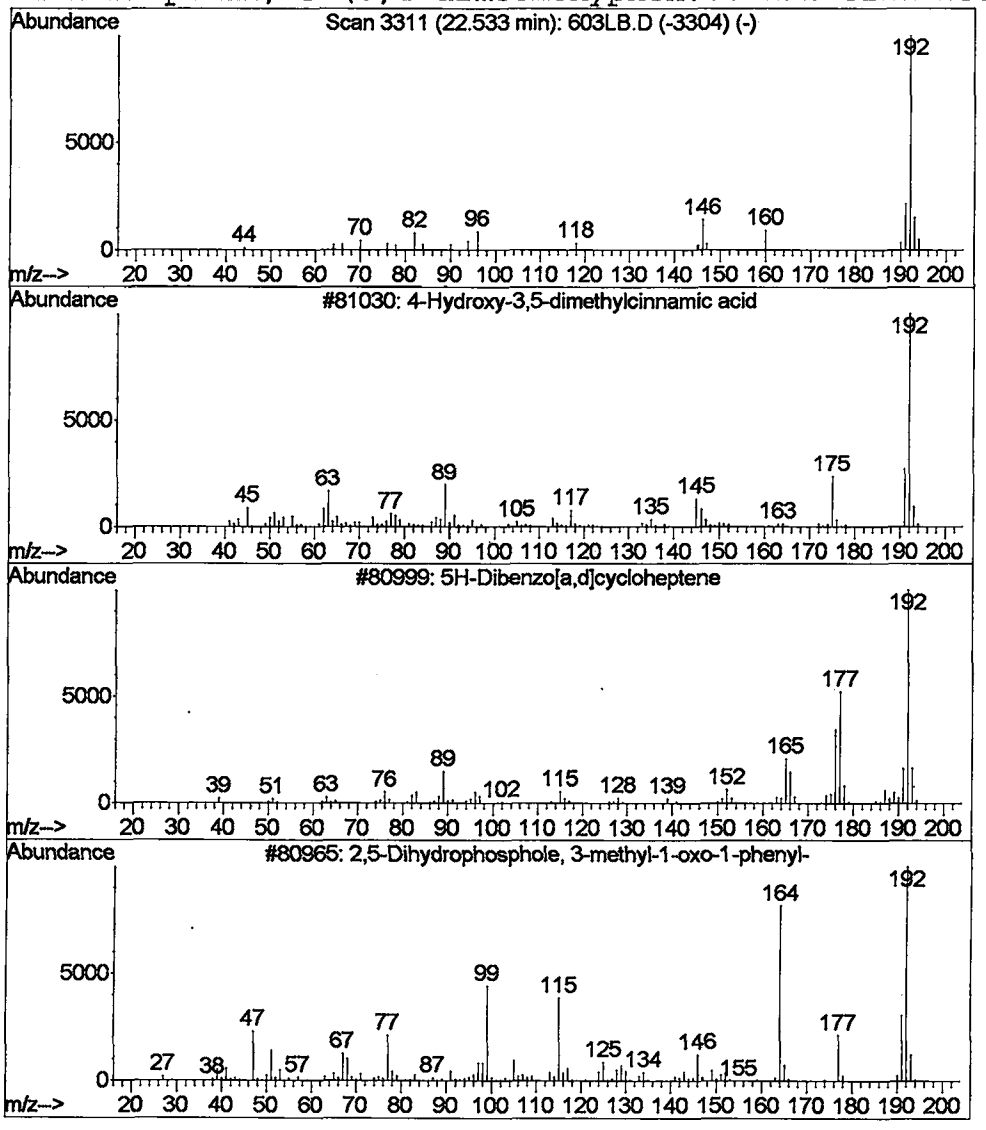
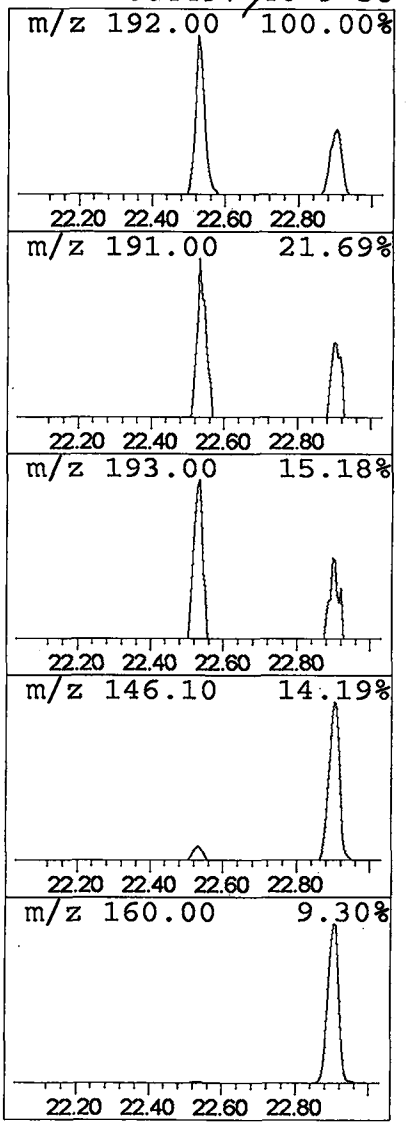
Peak Number 17 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.25 ug/L	284120	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	64
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	45
3	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	38





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

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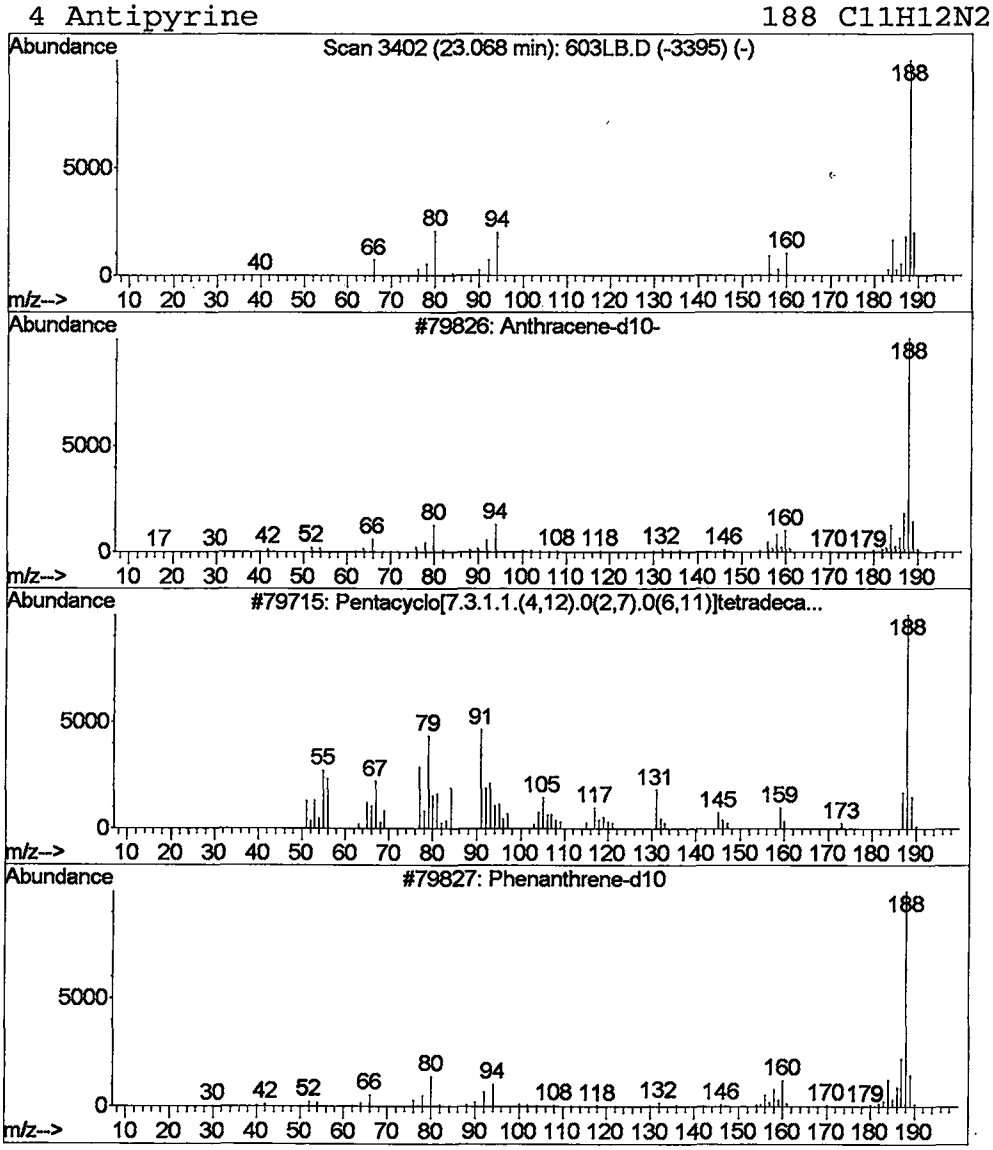
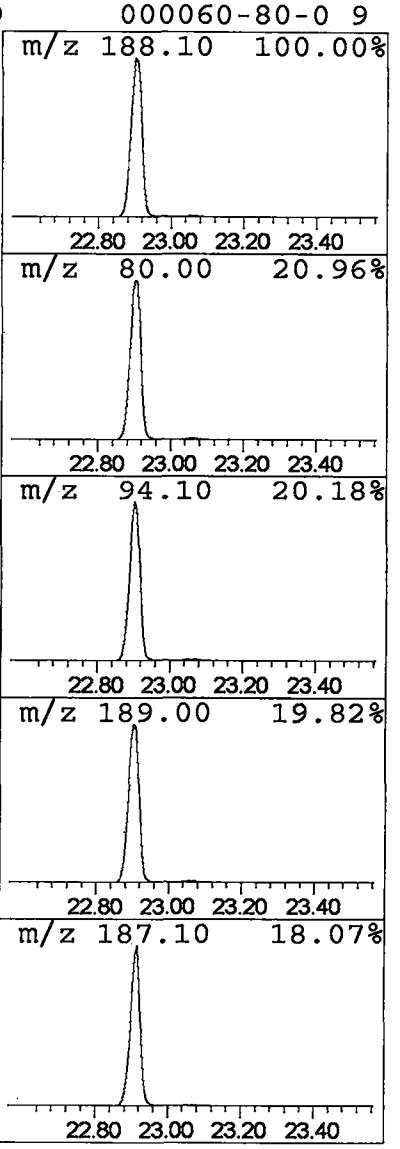
Peak Number 18 Anthracene-d10- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.31 ug/L	354665	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	87
2	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	59
3	Phenanthrene-d10	188	C14D10	001517-22-2	32
4	Antipyrine	188	C11H12N2O	000060-80-0	9





Data File : C:\MSDCHEM\1\DATA\060602\603LB.D Vial: 3
Acq On : 6 Jun 2002 12:57 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

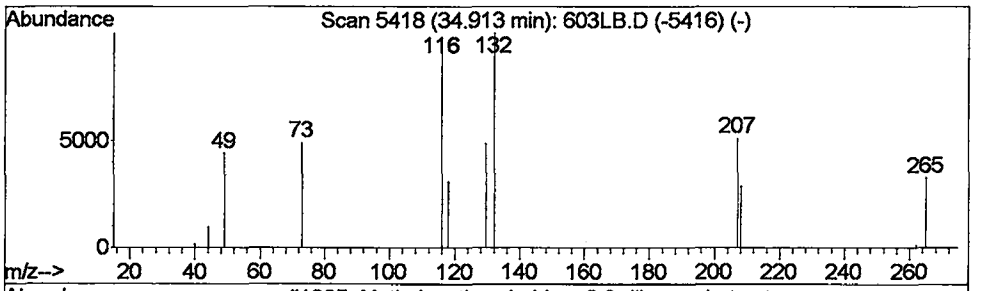
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

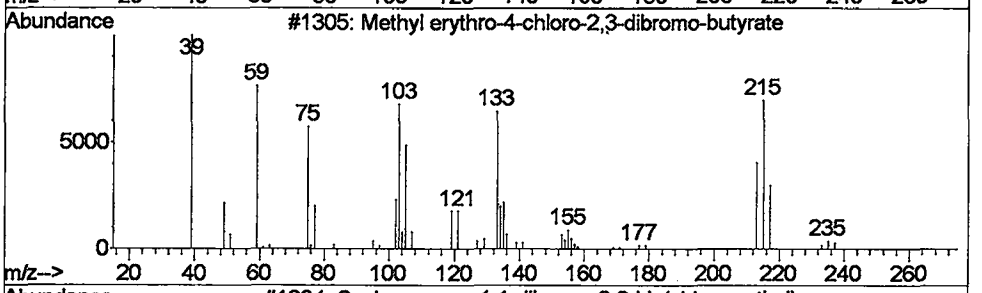
****

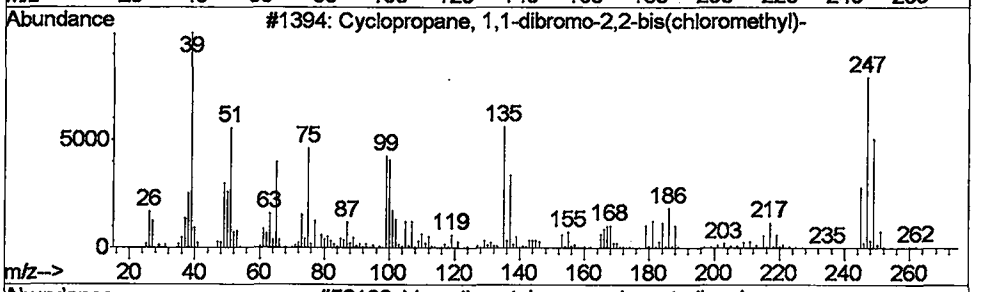
Peak Number 19 Methyl erythro-4-chloro-2,3... Concentration Rank 16

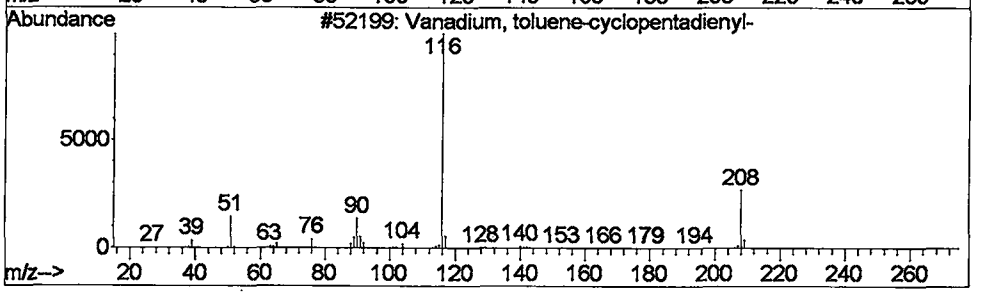
R.T.	EstConc	Area	Relative to ISTD	R.T.
34.91	0.25 ug/L	82858	Perylene-d12	34.65

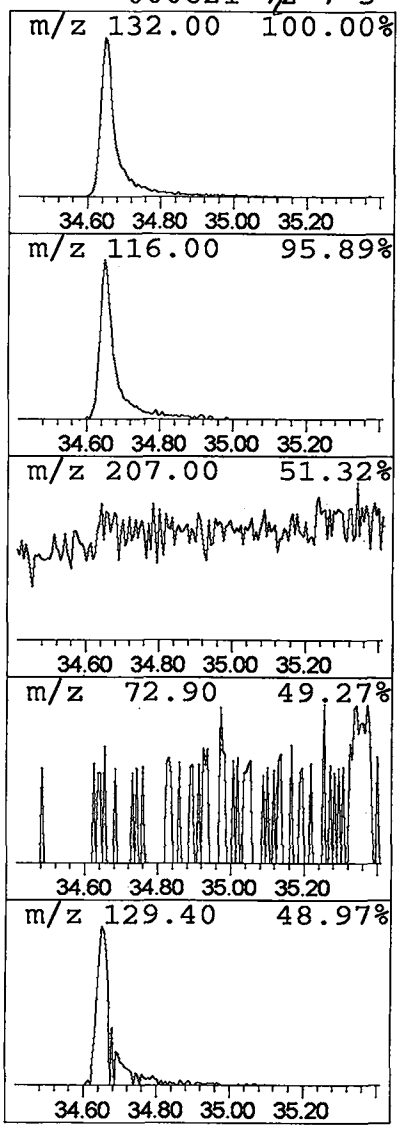
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl erythro-4-chloro-2,3-dibr...	292	C5H7Br2ClO2	1000143-25-7	9
2	Cyclopropane, 1,1-dibromo-2,2-bi...	294	C5H6Br2Cl2	098577-44-7	9
3	Vanadium, toluene-cyclopentadienyl-	208	C12H13V	1000153-69-1	5
4	Bendazol	208	C14H12N2	000621-72-7	5











Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 6 Jun 2002 12:57 pm
Data File: C:\MSDCHEM\1\DATA\060602\603LB.D
Name: 6/3 eh
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 #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
Butanoic acid, me...	3.47	0.3	ug/L	260053	1	9.89	31077700	40.0
Methylene Chloride	3.71	1.5	ug/L	1154400	1	9.89	31077700	40.0
Acetic acid, chlo...	3.74	0.7	ug/L	564537	1	9.89	31077700	40.0
Tetraborane(10)	3.77	1.1	ug/L	826042	1	9.89	31077700	40.0
Crotonic acid	3.82	2.0	ug/L	1590650	1	9.89	31077700	40.0
2-Butyne-1,4-diol...	3.91	1.1	ug/L	821234	1	9.89	31077700	40.0
Propanoyl chloride	3.96	0.9	ug/L	729825	1	9.89	31077700	40.0
1,3-Dioxol-2-one	4.01	1.3	ug/L	1041320	1	9.89	31077700	40.0
Morpholine	4.11	1.4	ug/L	1098160	1	9.89	31077700	40.0
Nitrosyl chloride	4.38	0.4	ug/L	348625	1	9.89	31077700	40.0
Methylene Chloride	4.47	0.4	ug/L	288179	1	9.89	31077700	40.0
1-Butyne, 3-chloro-	4.52	0.9	ug/L	660868	1	9.89	31077700	40.0
1-Propanol, 3-chl...	4.59	0.4	ug/L	297073	1	9.89	31077700	40.0
Nitrosyl chloride	4.90	0.2	ug/L	165968	1	9.89	31077700	40.0
Oxetane, 2,2-dime...	5.96	0.2	ug/L	182976	1	9.89	31077700	40.0
Cyclotetrasiloxan...	9.21	0.3	ug/L	229365	1	9.89	31077700	40.0
4-Hydroxy-3,5-dim...	22.53	0.2	ug/L	284120	4	22.91	45708700	40.0
Anthracene-d10-	23.07	0.3	ug/L	354665	4	22.91	45708700	40.0
Methyl erythro-4-...	34.91	0.3	ug/L	82858	6	34.65	13042700	40.0