User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 14:54:23

Sample: AE09677
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 14:54 Ended: 5/23/02 14:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		10.0

Comments for Sample AE09677 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 14:55:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 3 of the 43 compounds in the LCS Standard were low. This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052102\9677.D Vial: 15
Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 22 11:32:56 2002 Quant Results File: 052202.RES

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 11:26:33 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.90	152	4711029	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	18536272	40.00	ug/L	-0.01
17) Acenapthalene-d10	18.53	164	10299917	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15878331	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	11400687	40.00	ug/L	-0.04
43) Perylene-d12	34.66	264	6071947	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.51	209	2055768	43.25	ug/L	0.00
Spiked Amount 40.000			Recovery = 108.13%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.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	24496	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	35871	N.D.		
30) Nnitrosodiphenylamine	20.50	169	39325	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	25.05	149	321902	0.68	ug/L	98

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

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	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	29225	N.D.	
41)	Bis(2-ethylhexyl)phthalate	31.34	149	87453	0.35 ug/L #	91
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)

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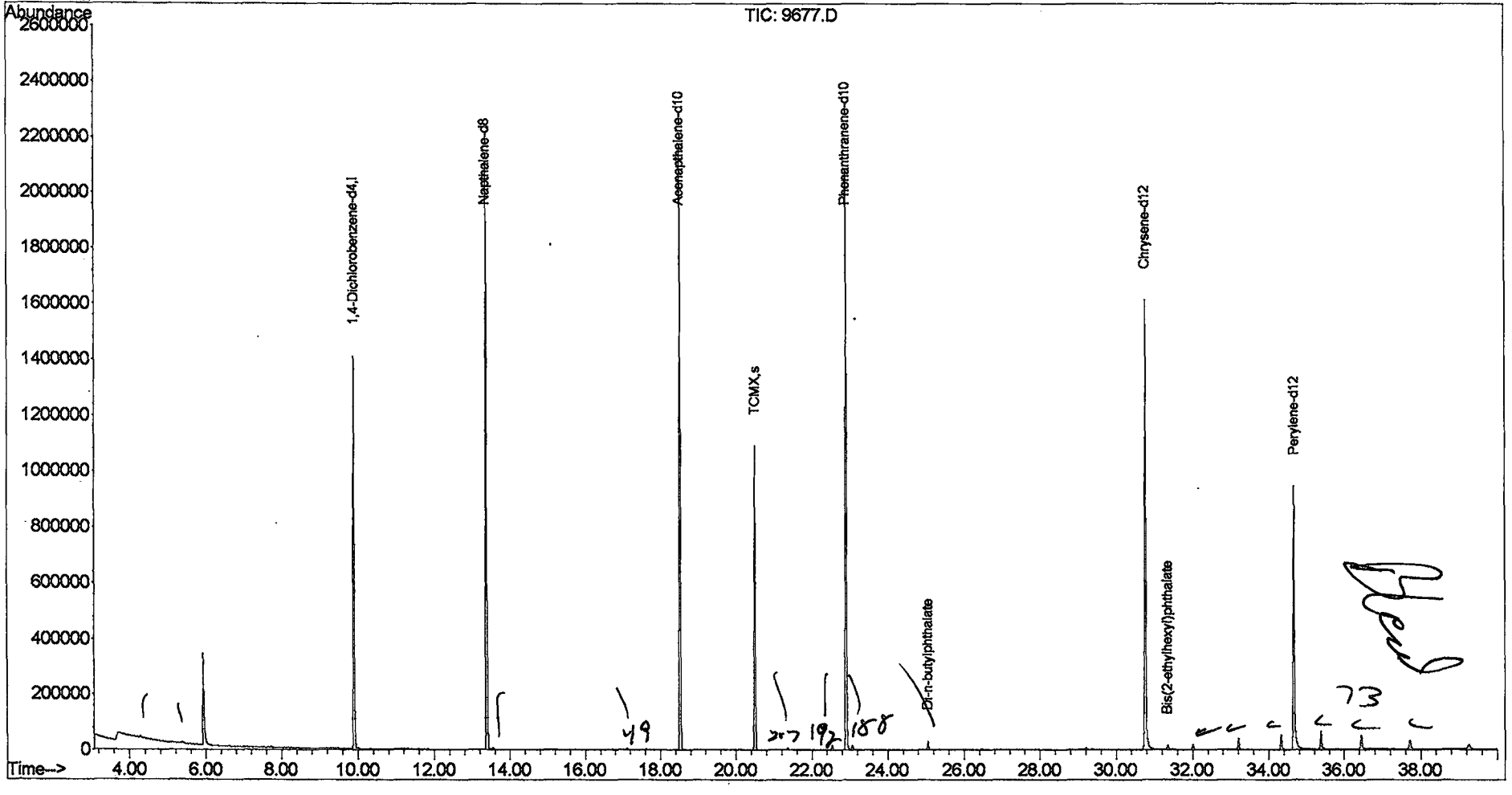
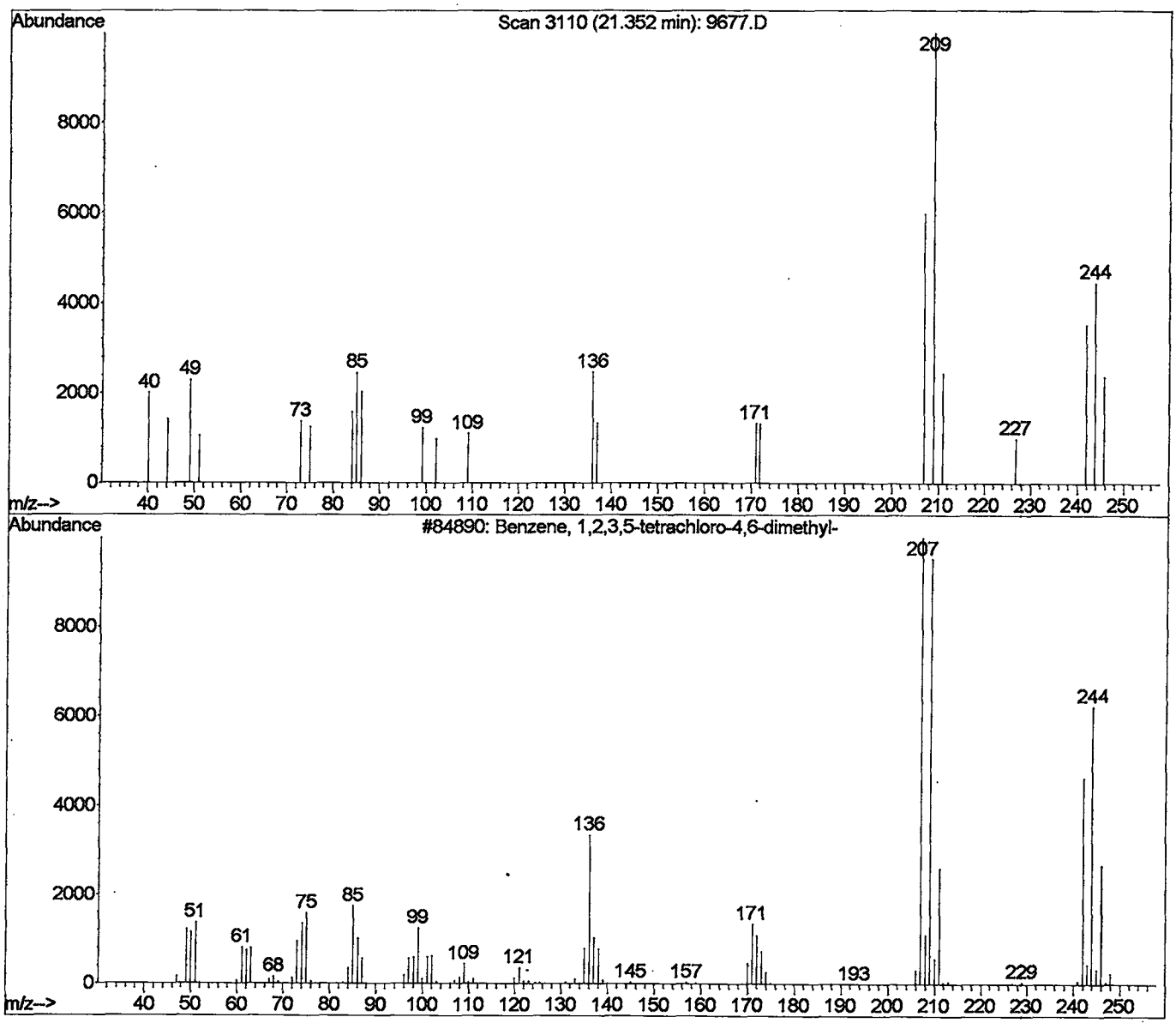


Library Searched : C:\Database\NIST98.L
Quality : 60
ID : Benzene, 1,2,3,5-tetrachloro-4,6-dimethyl-



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052102\9677.D Vial: 15
Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

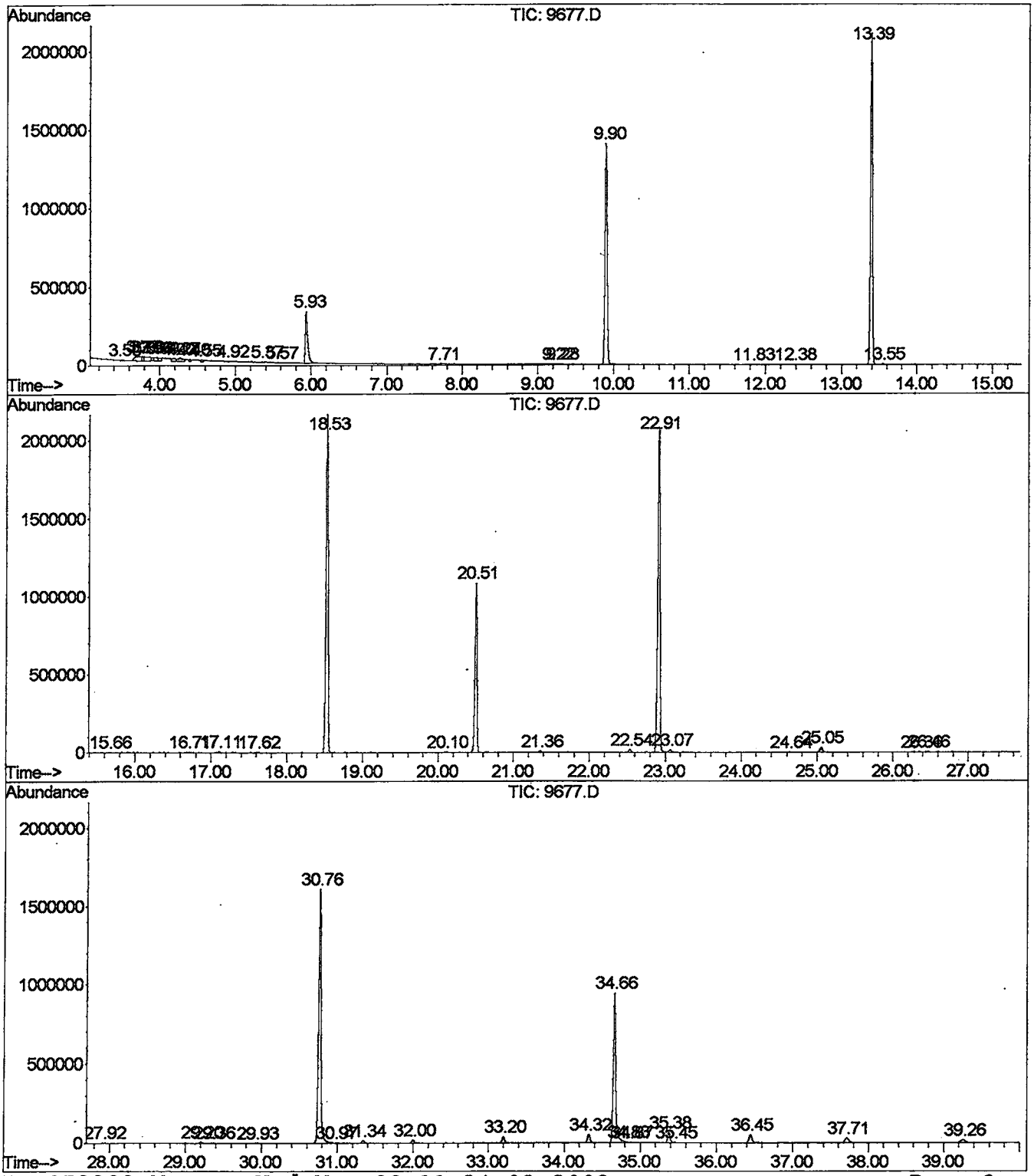
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.496	66	71	75	PV 7	2636	36644	0.09%	0.014%
2	3.726	94	110	117	PV 4	28727	1679171	3.91%	0.664%
3	3.773	117	118	121	VV 3	27208	338884	0.79%	0.134%
4	3.796	121	122	138	VV 6	26362	1443566	3.36%	0.571%
5	3.896	138	139	143	VV 3	23139	438950	1.02%	0.174%
6	3.925	143	144	154	VV 7	22392	781566	1.82%	0.309%
7	3.990	154	155	161	VV 5	20607	523093	1.22%	0.207%
8	4.196	183	190	194	VV 7	17149	624356	1.45%	0.247%
9	4.272	194	203	214	VV 5	20222	1062869	2.47%	0.420%
10	4.401	223	225	227	VV 3	12993	168723	0.39%	0.067%
11	4.548	249	250	254	VV 4	9960	179708	0.42%	0.071%
12	4.918	309	313	316	VV 6	5638	114602	0.27%	0.045%
13	5.371	384	390	394	VV 4	4931	136050	0.32%	0.054%
14	5.565	418	423	426	PV 5	2359	33585	0.08%	0.013%
15	5.935	481	486	515	PV	330800	6996099	16.29%	2.766%
16	7.715	784	789	799	PV 4	4181	103003	0.24%	0.041%
17	9.225	1041	1046	1051	VV 4	1712	30948	0.07%	0.012%
18	9.278	1051	1055	1068	VV 5	2035	39335	0.09%	0.016%
19	9.901	1142	1161	1177	PV	1394810	27982553	65.16%	11.062%
20	11.828	1484	1489	1496	VV 3	2070	33446	0.08%	0.013%
21	12.374	1577	1582	1590	VV 4	2355	47902	0.11%	0.019%
22	13.391	1746	1755	1768	PV	2070922	37582070	87.51%	14.857%
23	13.544	1773	1781	1787	VV	5640	91942	0.21%	0.036%
24	15.659	2137	2141	2166	VV 5	2015	41183	0.10%	0.016%
25	16.711	2313	2320	2334	VV 2	3579	65845	0.15%	0.026%
26	17.110	2379	2388	2395	PV 3	6332	111624	0.26%	0.044%
27	17.621	2471	2475	2483	VV 4	3018	51107	0.12%	0.020%
28	18.532	2619	2630	2653	PV	2170598	42091284	98.01%	16.640%
29	20.107	2884	2898	2904	PV 3	3975	71329	0.17%	0.028%
30	20.506	2953	2966	2981	VV	1071432	20128308	46.87%	7.957%
31	21.358	3104	3111	3121	VV 4	7754	130494	0.30%	0.052%
32	22.539	3289	3312	3320	VV 3	17011	309598	0.72%	0.122%
33	22.915	3364	3376	3395	PV 2	2096738	42946343	100.00%	16.978%
34	23.068	3395	3402	3411	VV 2	14746	287110	0.67%	0.114%
35	24.637	3662	3669	3679	PV 3	1963	31353	0.07%	0.012%
36	25.054	3725	3740	3751	BV	30702	549275	1.28%	0.217%
37	26.358	3956	3962	3966	PV 4	1872	28578	0.07%	0.011%

38.	26.464	3970	3980	3991	PV	4	4138	97311	0.23%	0.038%
39	27.921	4217	4228	4234	PV	7	2257	43987	0.10%	0.017%
40	29.202	4438	4446	4460	VV	3	8056	178988	0.42%	0.071%
41	29.355	4465	4472	4478	PV	4	2696	49107	0.11%	0.019%
42	29.936	4567	4571	4581	VV	6	2059	50844	0.12%	0.020%
43	30.765	4689	4712	4745	BV	2	1619553	35405360	82.44%	13.997%
44	30.971	4745	4747	4760	VV	7	2923	94612	0.22%	0.037%
45	31.341	4803	4810	4837	PV	3	16383	406286	0.95%	0.161%
46	31.999	4911	4922	4934	PV	3	19222	404330	0.94%	0.160%
47	33.203	5119	5127	5142	PV	2	39276	833686	1.94%	0.330%
48	34.326	5287	5318	5333	PV	3	54025	1289421	3.00%	0.510%
49	34.660	5364	5375	5402	VV	2	948865	21974000	51.17%	8.687%
50	34.825	5402	5403	5409	VV	5	6179	108138	0.25%	0.043%
51	34.872	5409	5411	5414	VV	3	3636	57352	0.13%	0.023%
52	35.377	5488	5497	5509	VV		65127	1565145	3.64%	0.619%
53	35.454	5509	5510	5517	VV	3	3274	67083	0.16%	0.027%
54	36.452	5667	5680	5695	VV	2	51871	1454748	3.39%	0.575%
55	37.716	5878	5895	5908	PV	4	29582	962955	2.24%	0.381%
56	39.255	6143	6157	6174	PV	6	14948	599542	1.40%	0.237%

Sum of corrected areas: 252955396

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052102\9677.D
Operator : Mclean
Acquired : 22 May 2002 12:44 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: re-extract
Misc Info :
Vial Number: 15
Quant File :052202.RES (Chemstation Integrator)



Library Search Compound Report

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Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

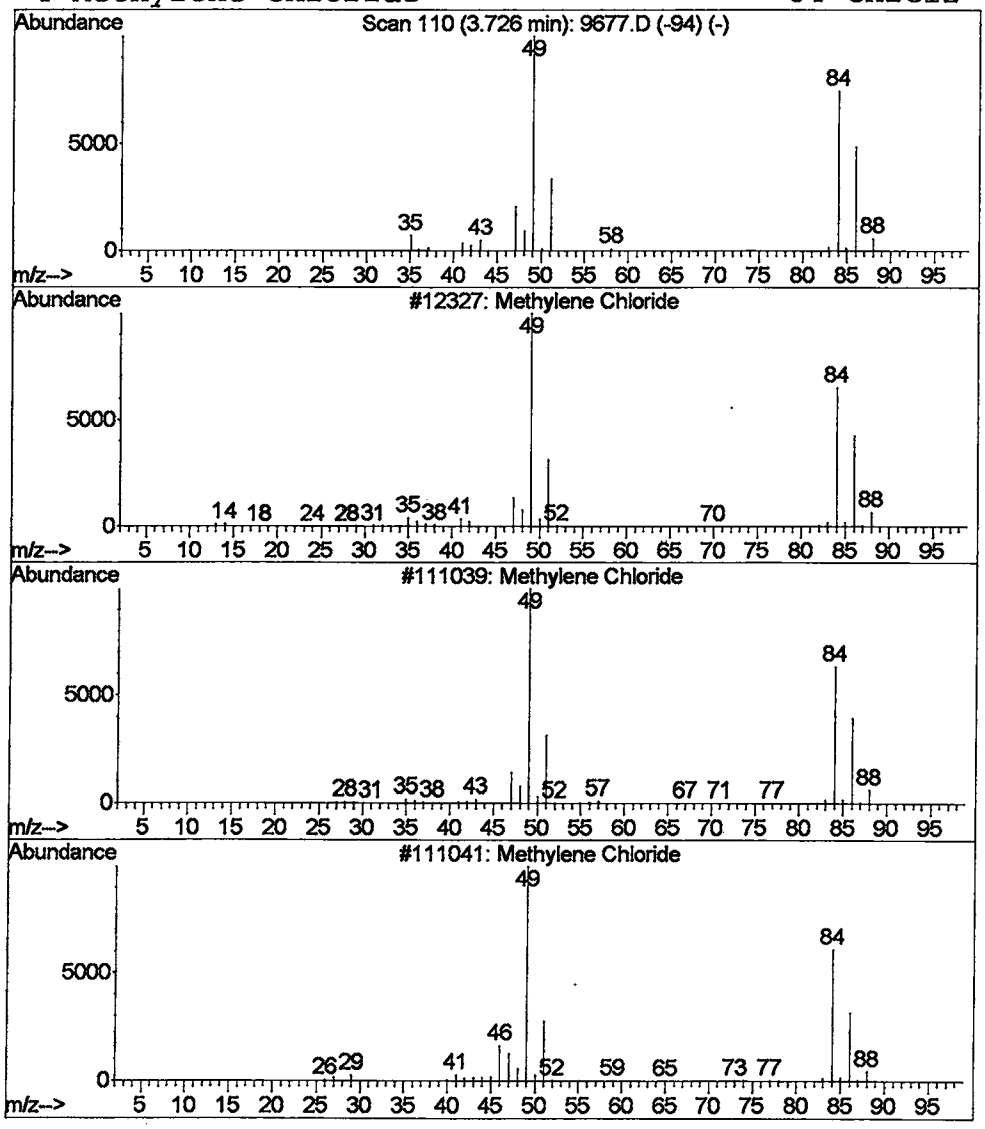
Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

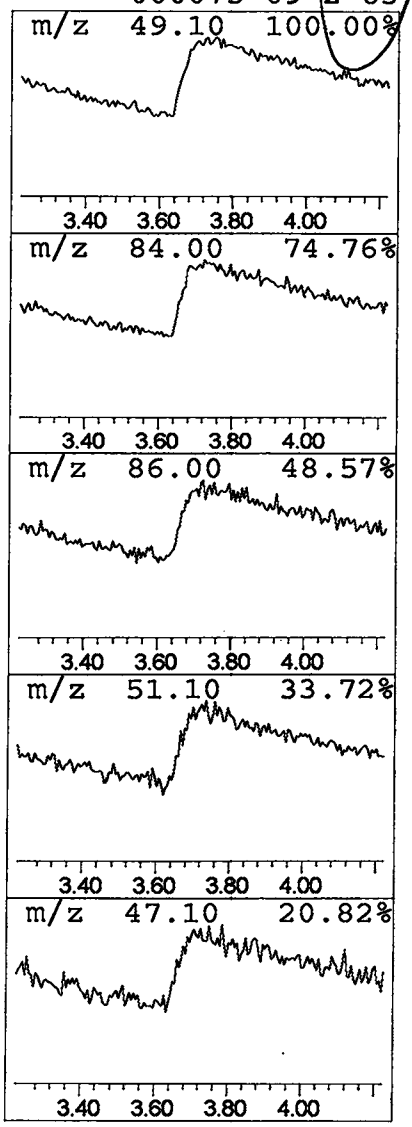
****

Peak Number 1 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	2.40 ug/L	1679170	1,4-Dichlorobenzene-d4	9.90

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	90
3	Methylene Chloride	84	CH2Cl2	000075-09-2	86
4	Methylene Chloride	84	CH2Cl2	000075-09-2	83





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Misc : Multiplr: 1.00
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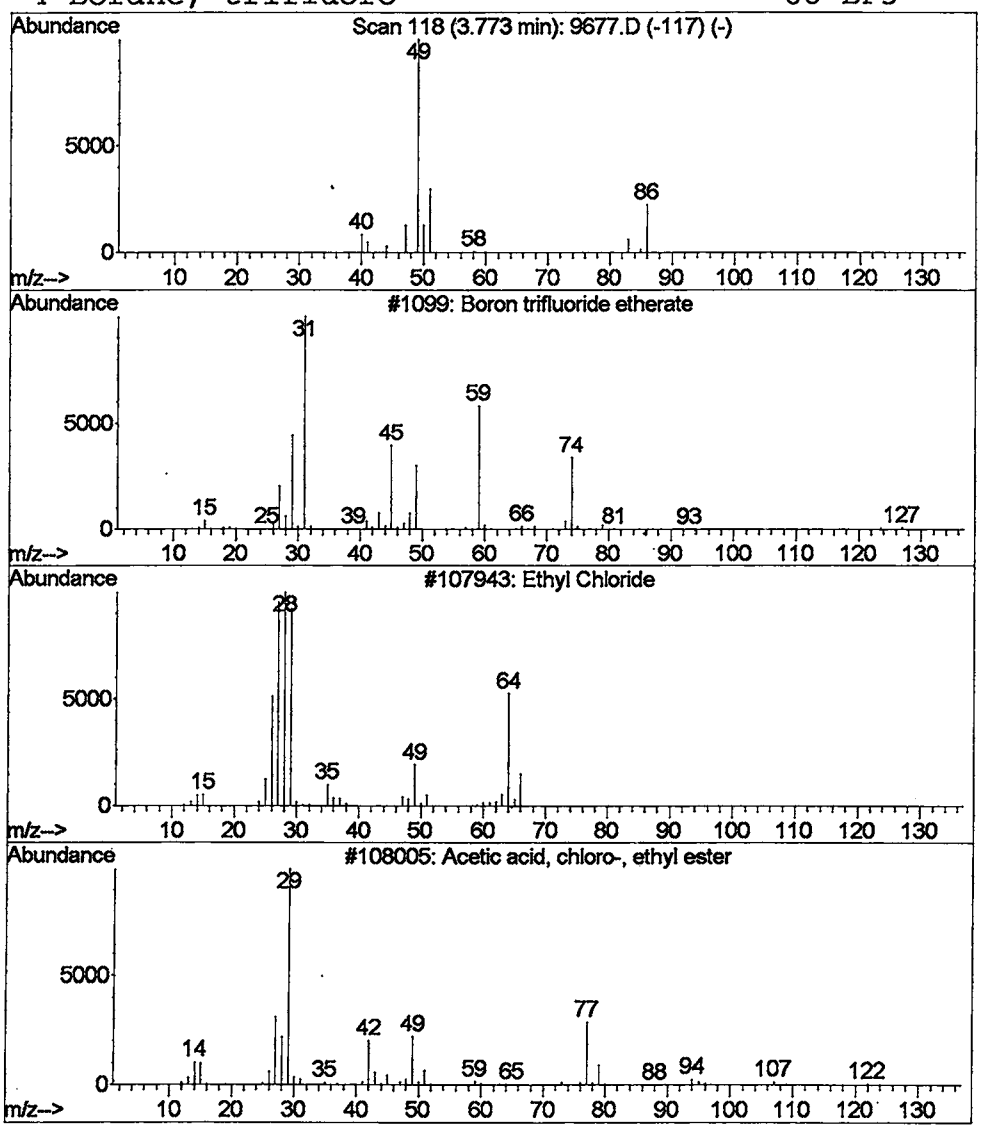
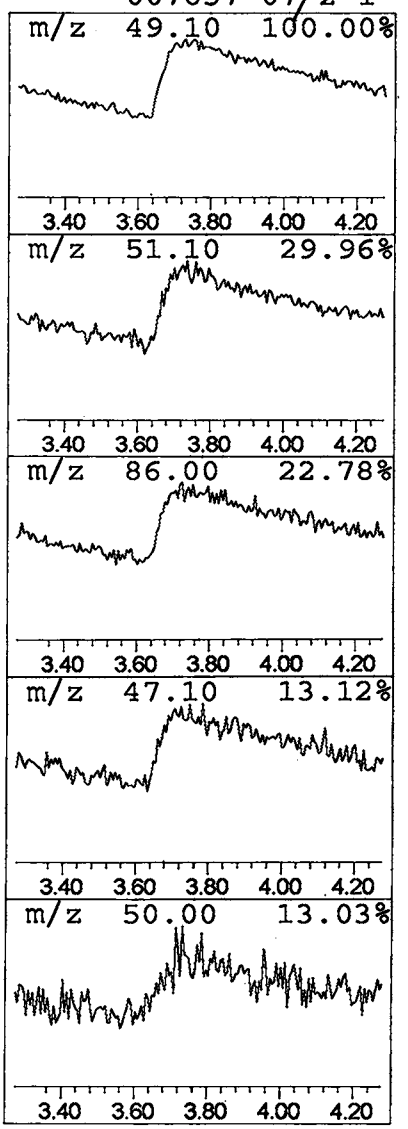
Peak Number 2 Boron trifluoride etherate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.48 ug/L	338884	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
3	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	1
4	Borane, trifluoro-	68	BF3	007637-07-2	1





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MS Integration Params: LSCINT.e

Vial: 15
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Library : C:\DATABASE\NIST98.L

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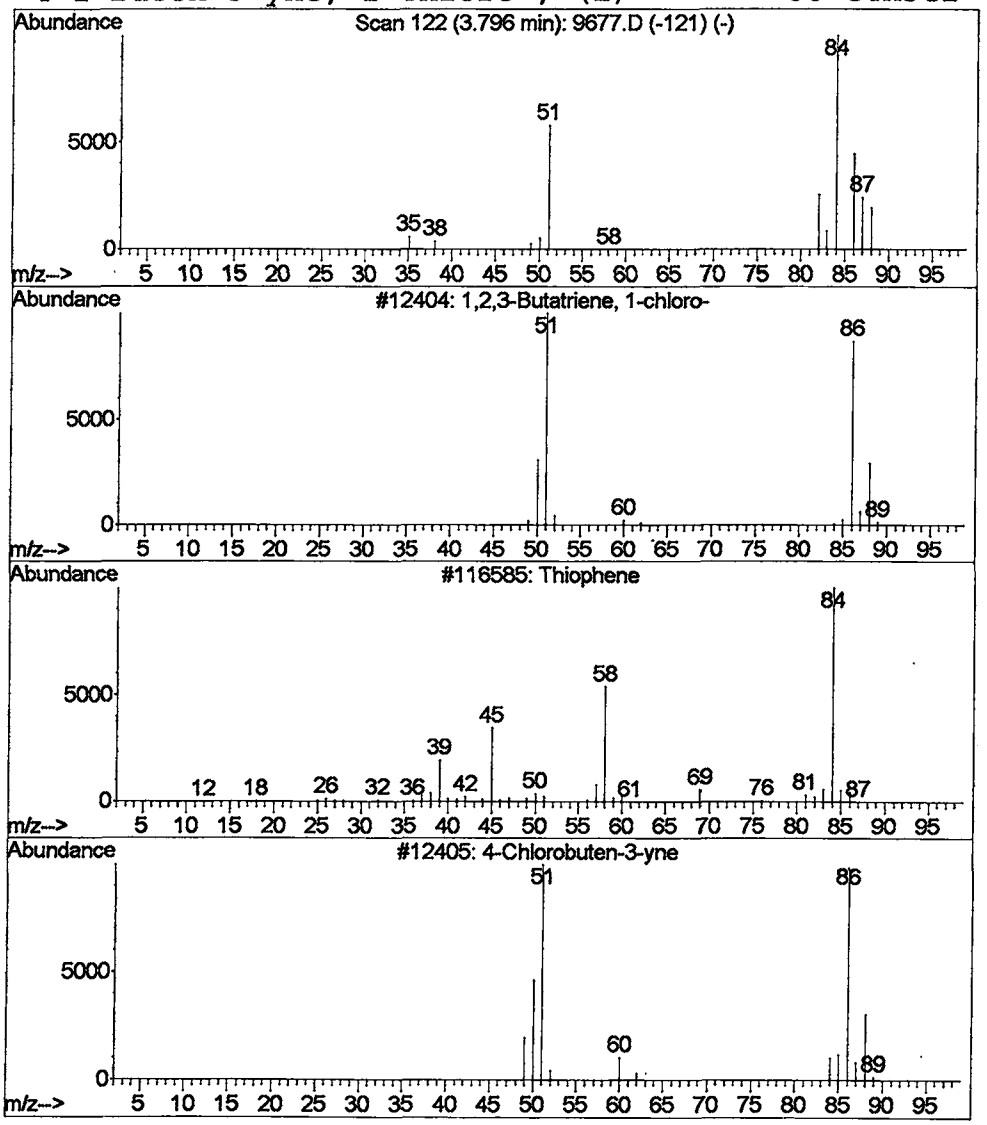
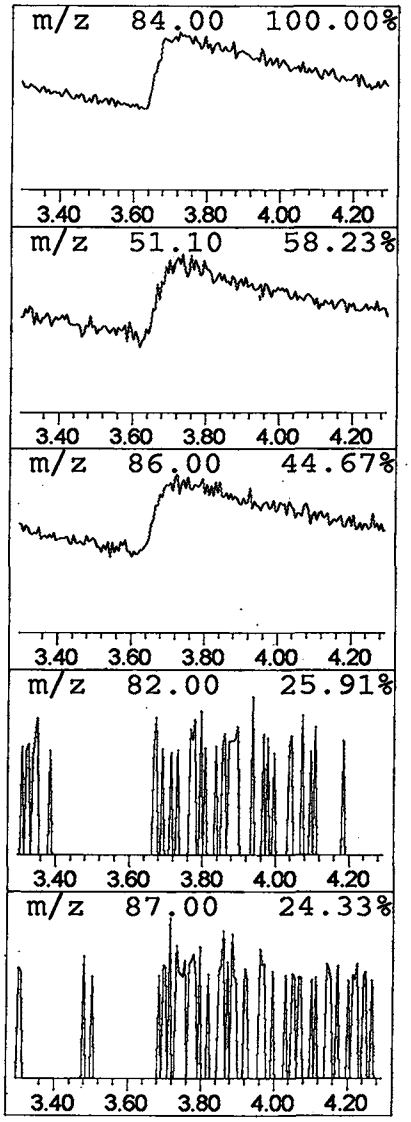
Peak Number 3 1,2,3-Butatriene, 1-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	2.06 ug/L	1443570	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	17
2	Thiophene	84	C4H4S	000110-02-1	12
3	4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	9
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	9





Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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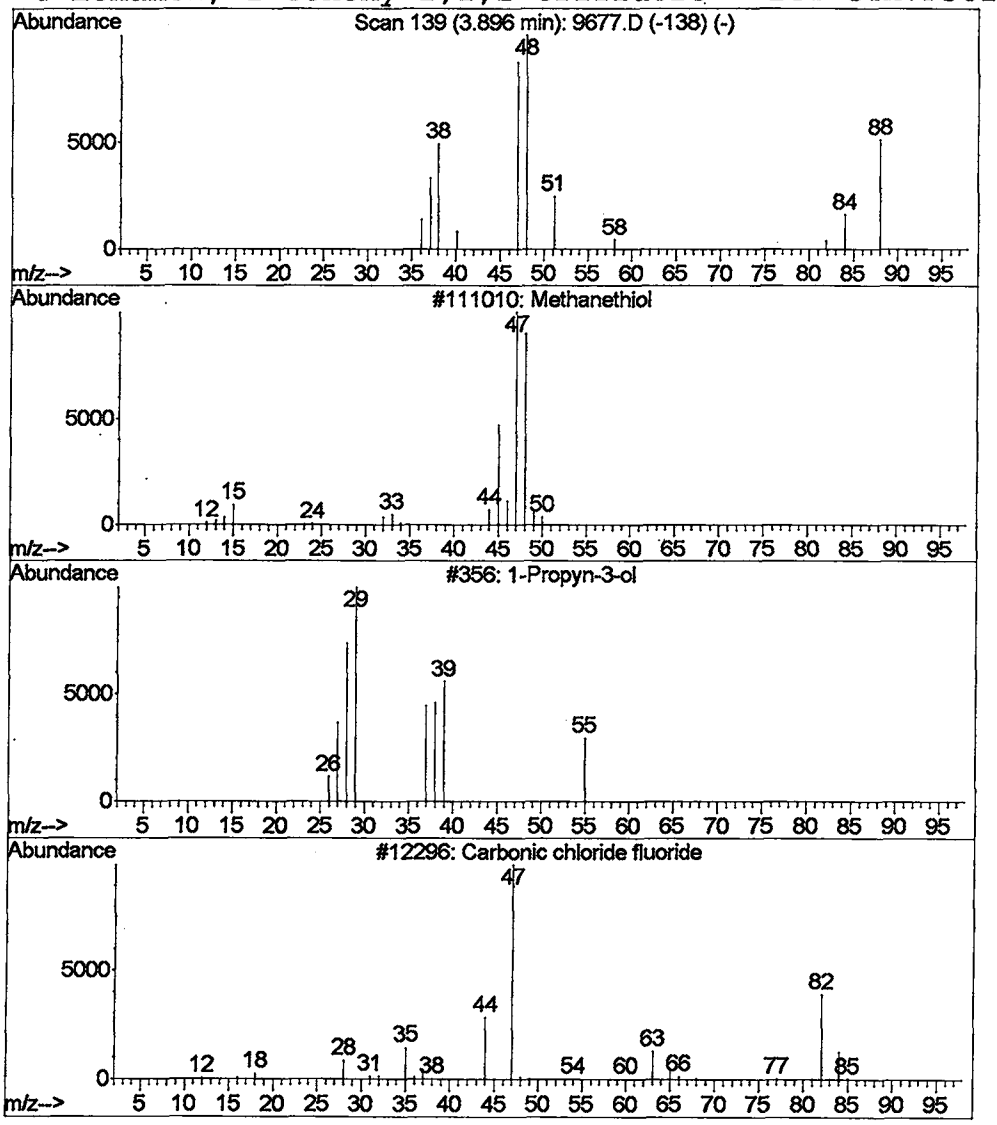
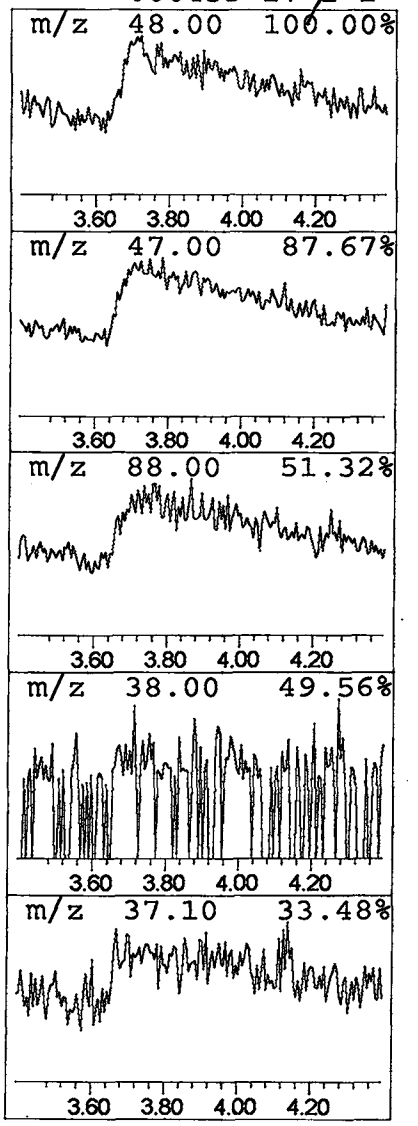
Peak Number 4 Methanethiol — Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	0.63 ug/L	438950	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	7
2	1-Propyn-3-ol	56	C3H4O	1000222-14-3	2
3	Carbonic chloride fluoride	82	CClFO	000353-49-1	2
4	Ethanol, 1-ethoxy-2,2,2-trifluoro-	144	C4H7F3O2	000433-27-2	2





Library Search Compound Report

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Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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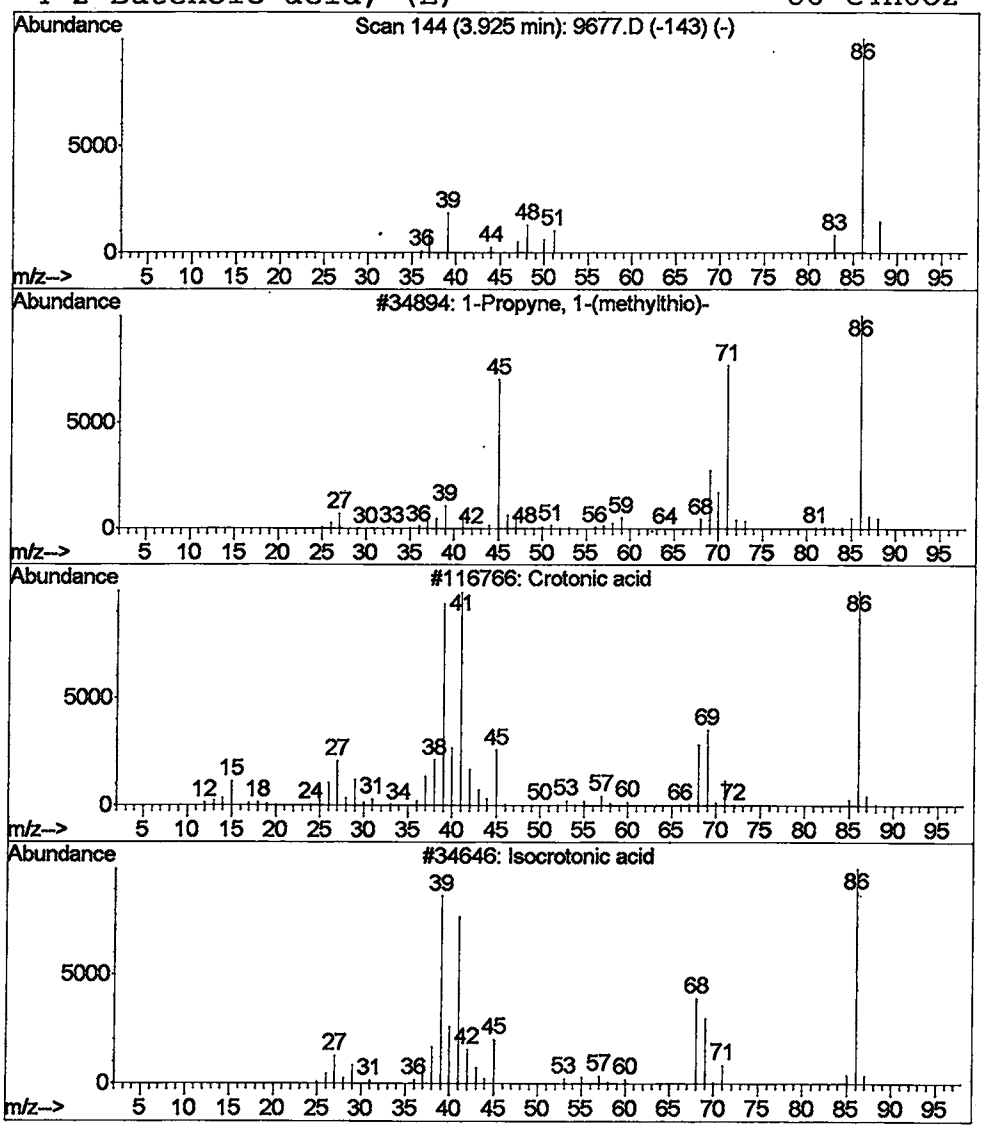
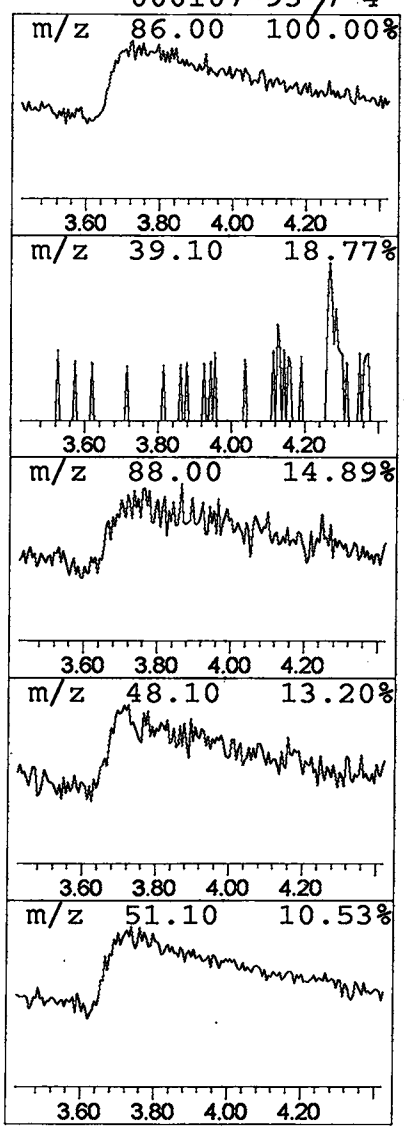
Peak Number 5 1-Propyne, 1-(methylthio)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.93	1.12 ug/L	781566	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	7
2	Crotonic acid	86	C4H6O2	003724-65-0	5
3	Isocrotonic acid	86	C4H6O2	000503-64-0	5
4	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	4





Library Search Compound Report

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Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
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Library : C:\DATABASE\NIST98.L

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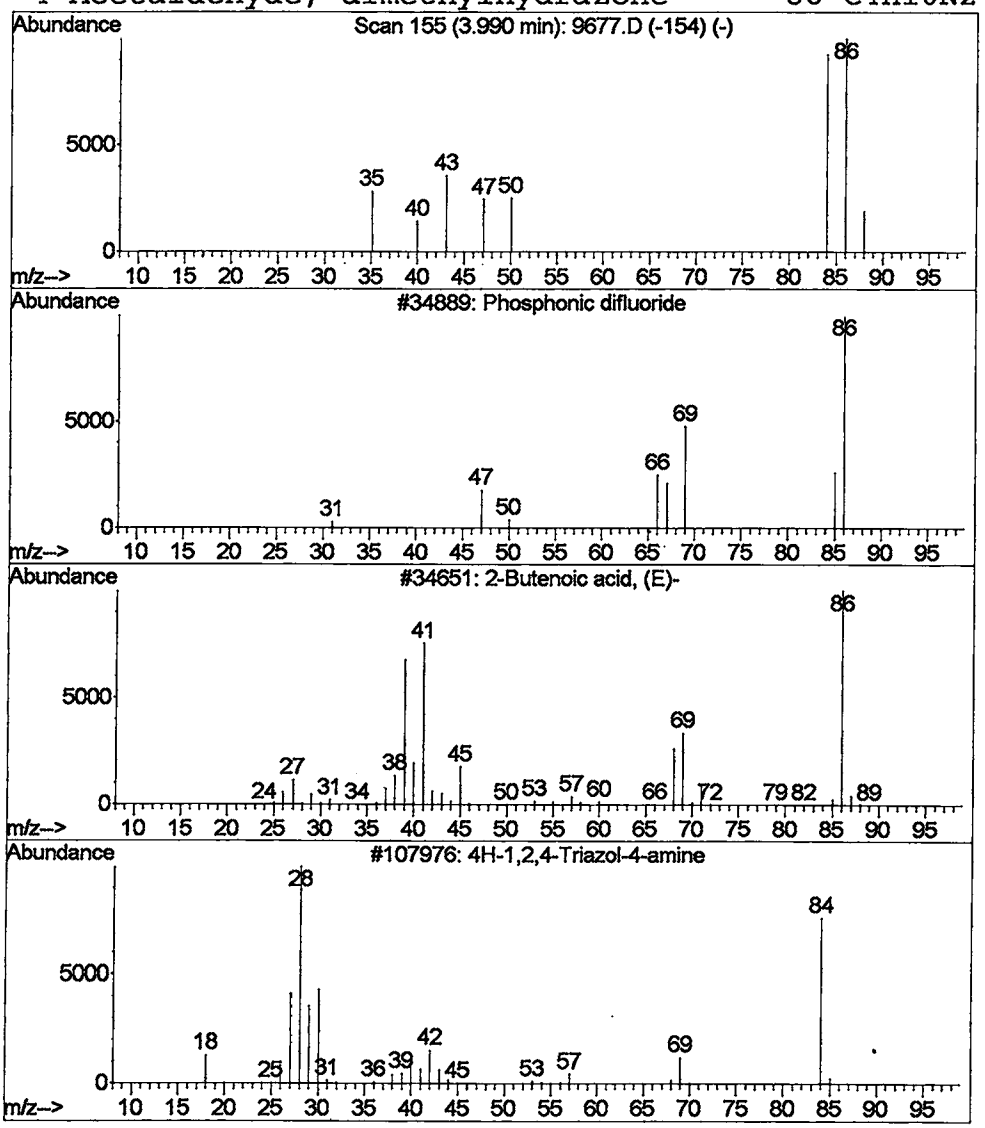
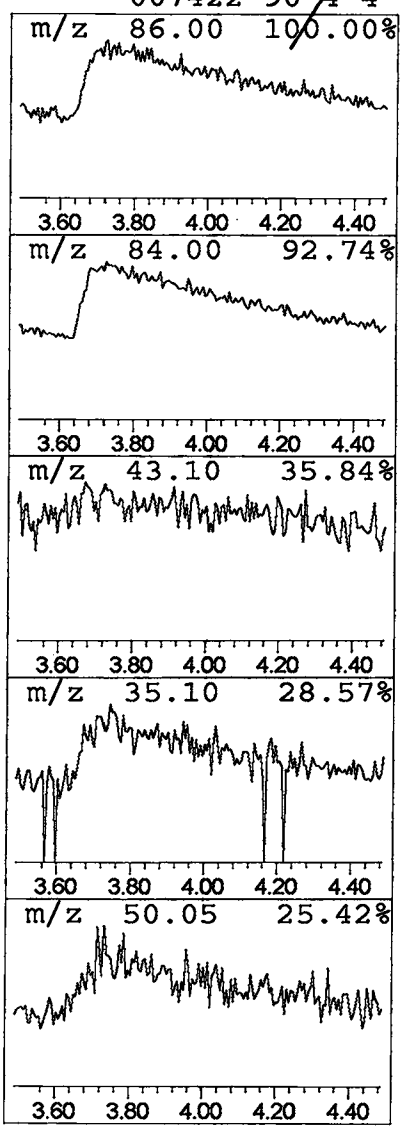
Peak Number 6 Phosphonic difluoride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	0.75 ug/L	523093	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphonic difluoride	86	F2HOP	014939-34-5	5
2	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	4
3	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
4	Acetaldehyde, dimethylhydrazone	86	C4H10N2	007422-90-4	4





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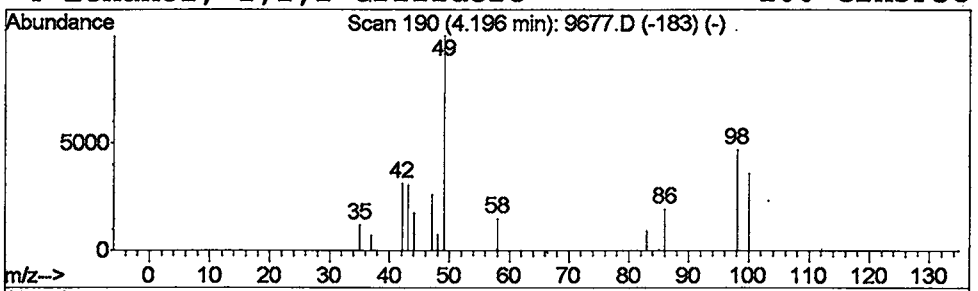
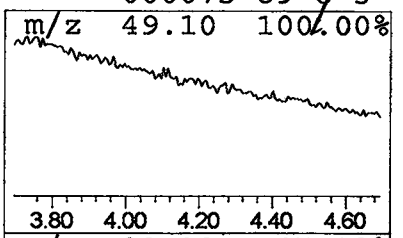
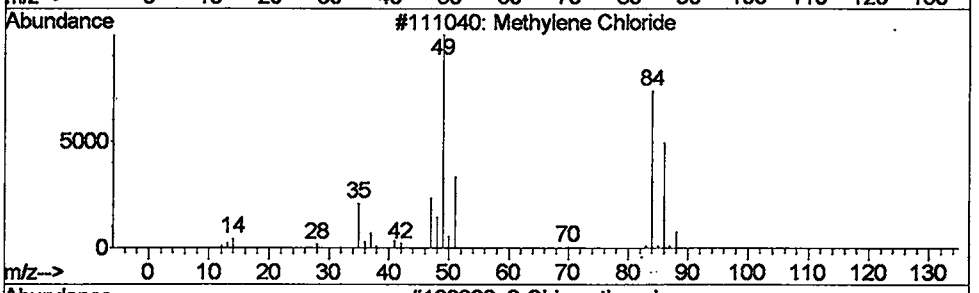
Peak Number 7 Methylene Chloride Concentration Rank 12

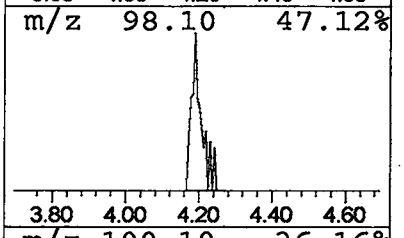
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	0.89 ug/L	624356	1,4-Dichlorobenzene-d4	9.90

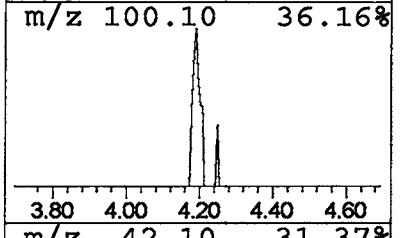
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
3	2,3-Dichloropropionitrile	123	C3H3Cl2N	002601-89-0	4
4	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	3

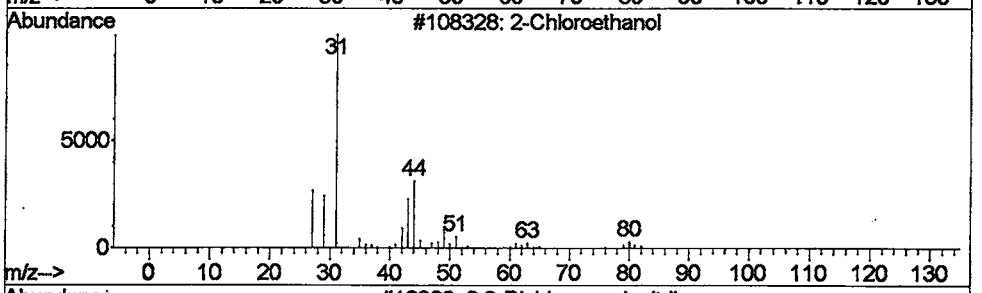


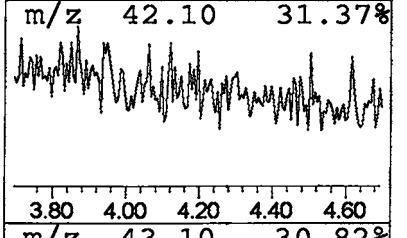


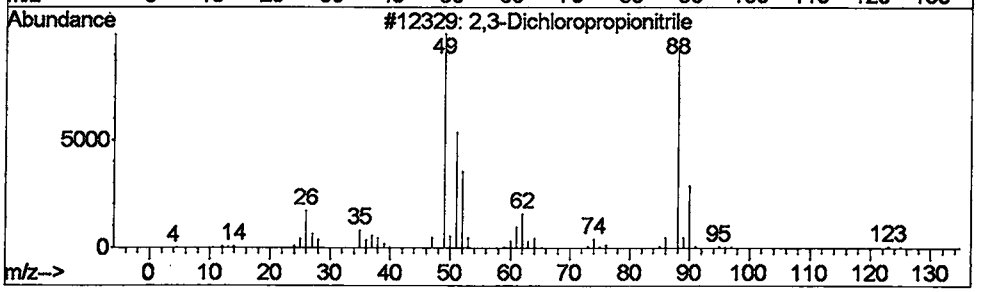


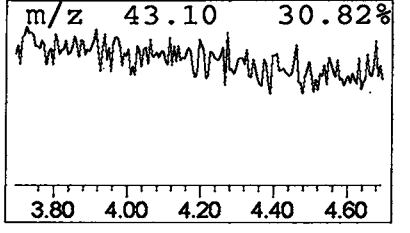












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Multiplr: 1.00

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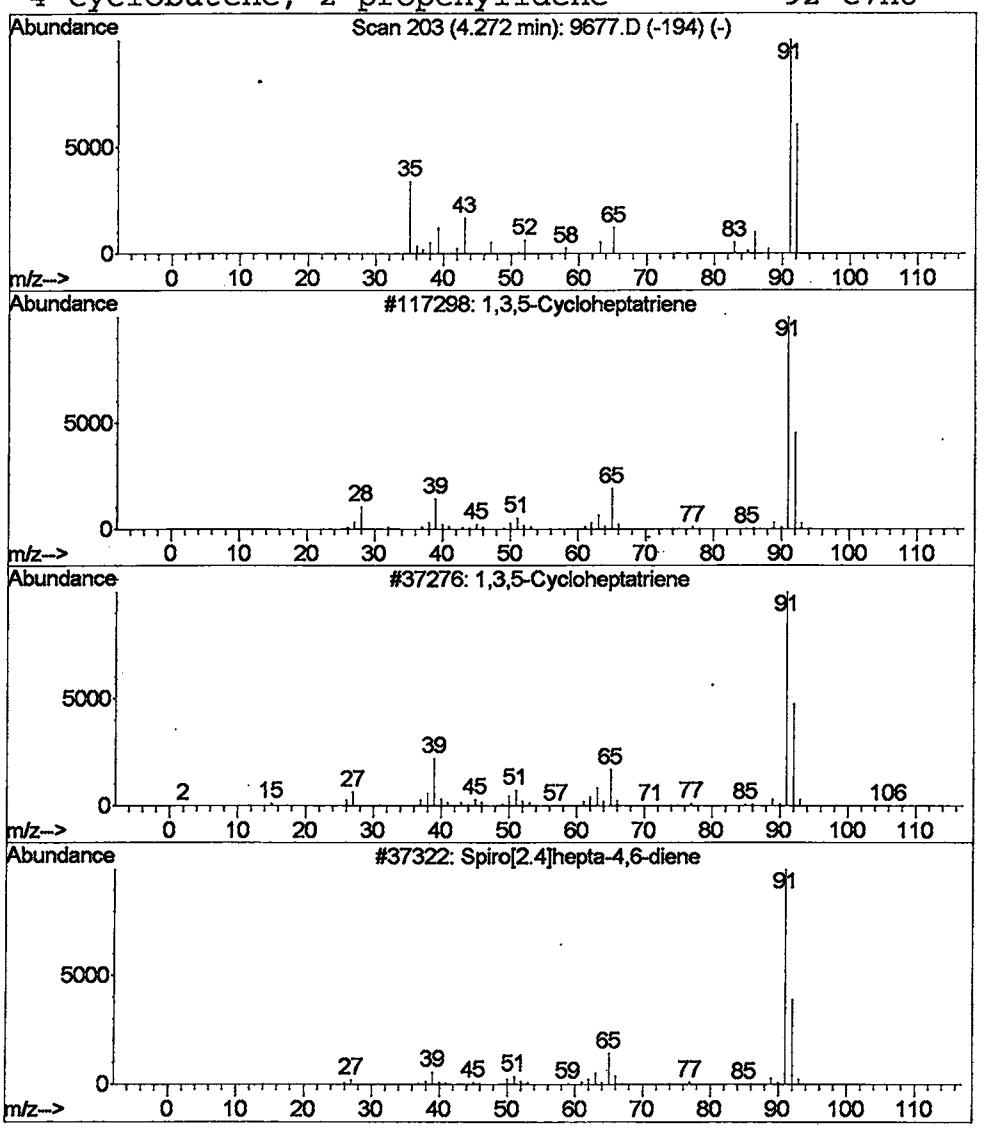
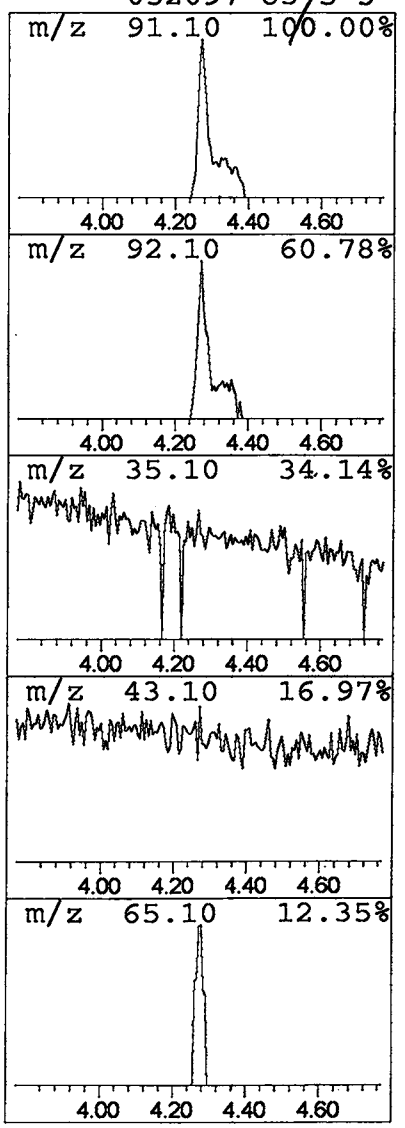
Peak Number 8 1,3,5-Cycloheptatriene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	1.52 ug/L	1062870	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	7
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	4
3	Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	3
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	3





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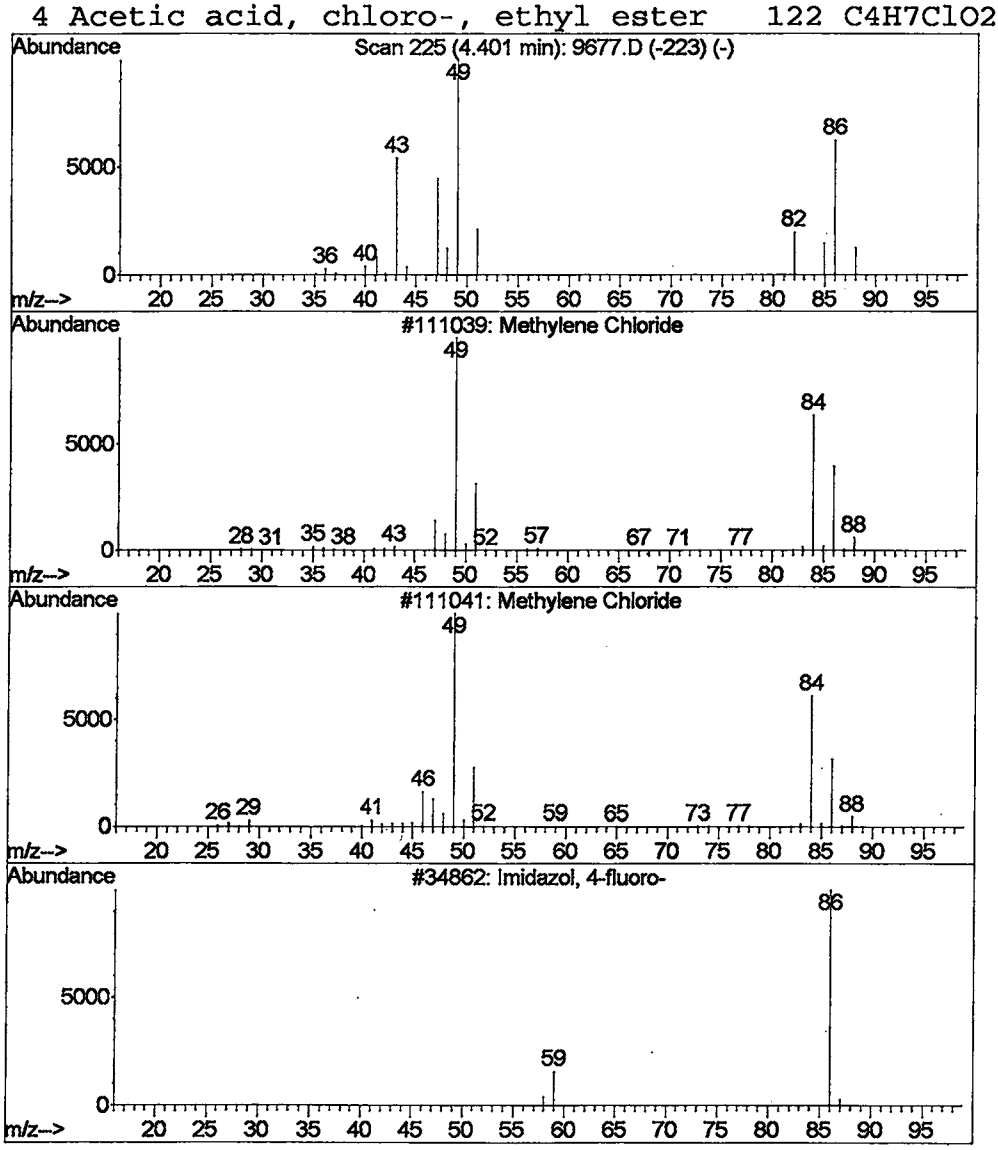
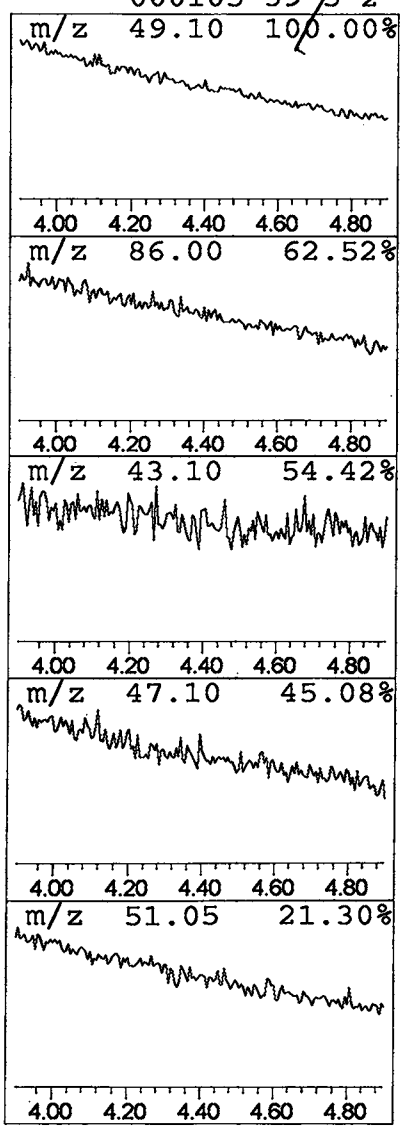
Peak Number 9 Methylene Chloride Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	0.24 ug/L	168723	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Imidazol, 4-fluoro-	86	C3H3FN2	030086-17-0	2
4	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2





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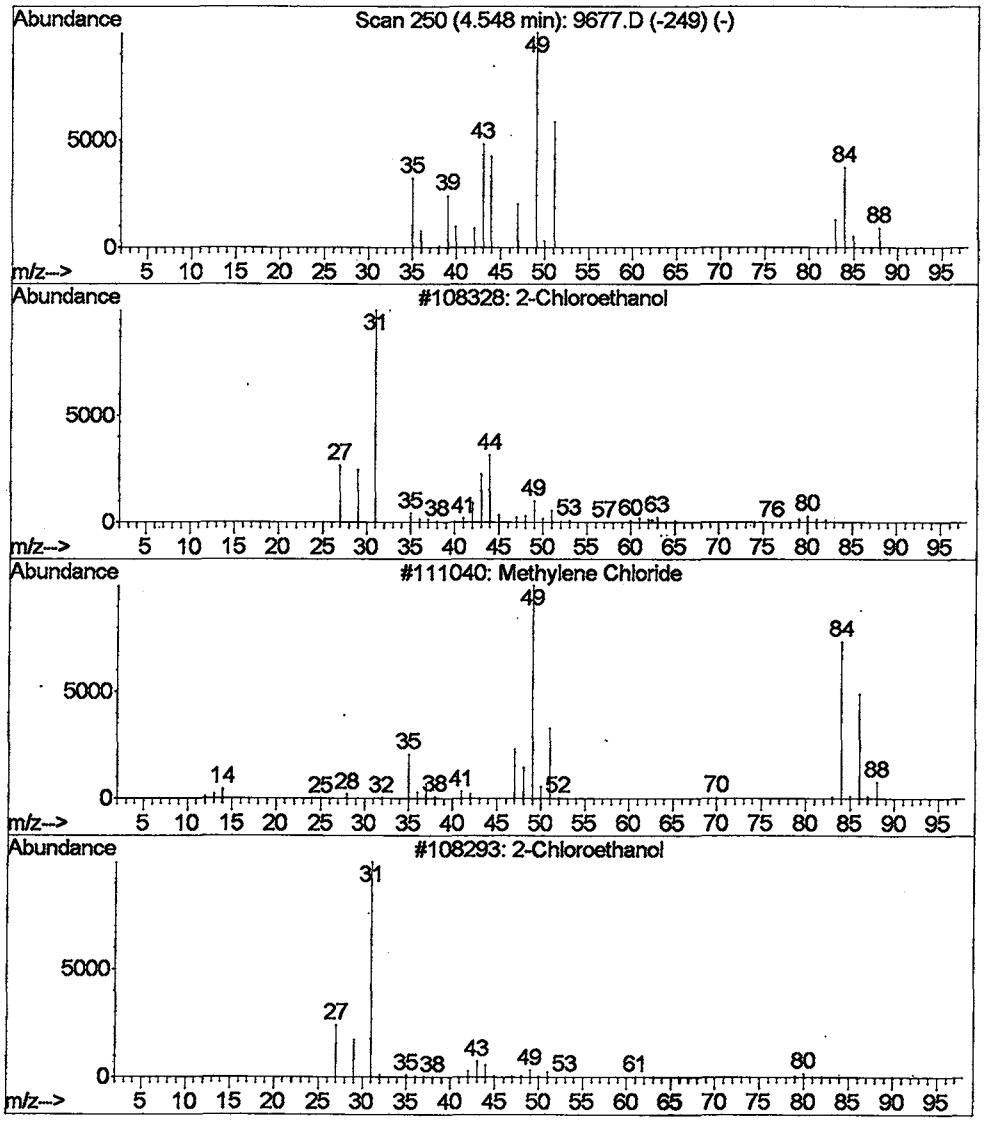
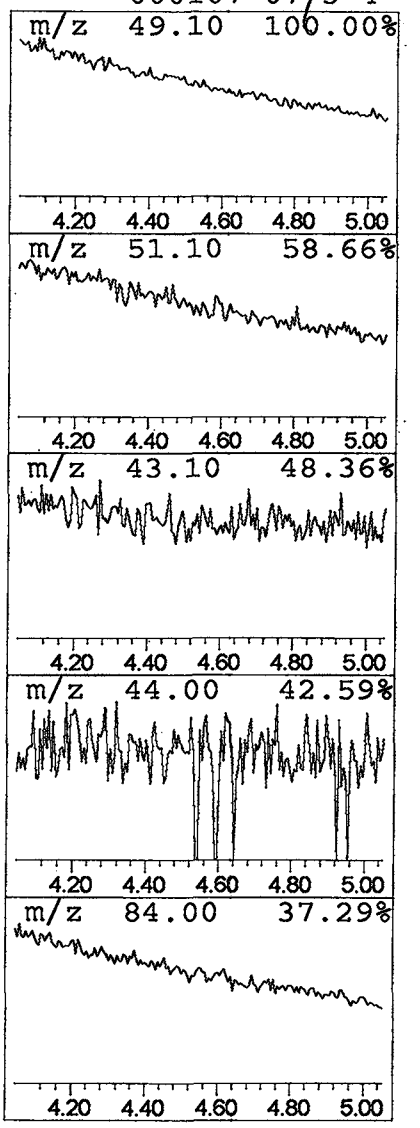
Peak Number 10 2-Chloroethanol Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.55	0.26 ug/L	179708	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	9
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	4





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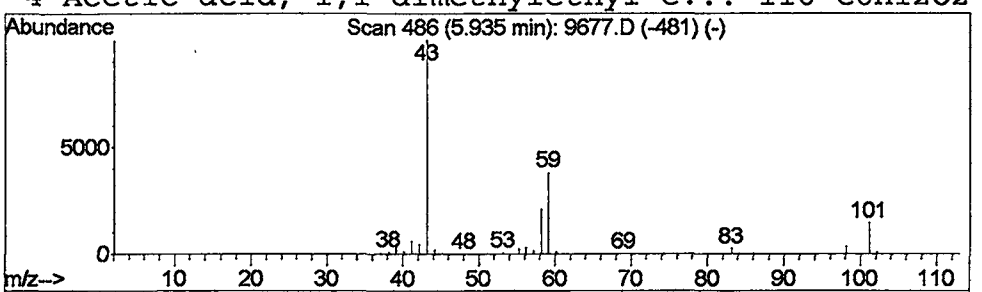
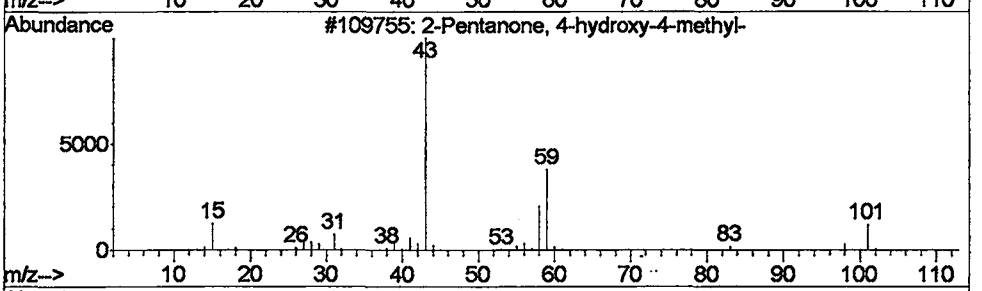
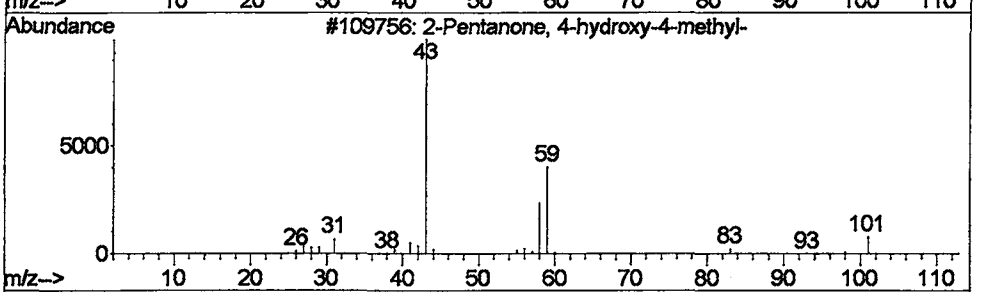
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

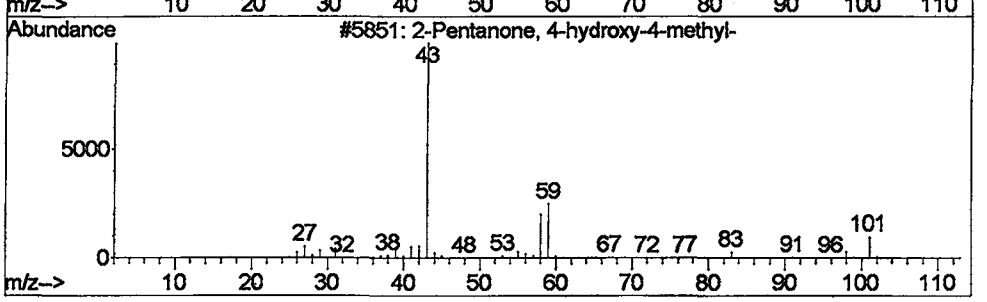
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	10.00 ug/L	6996100	1,4-Dichlorobenzene-d4	9.90

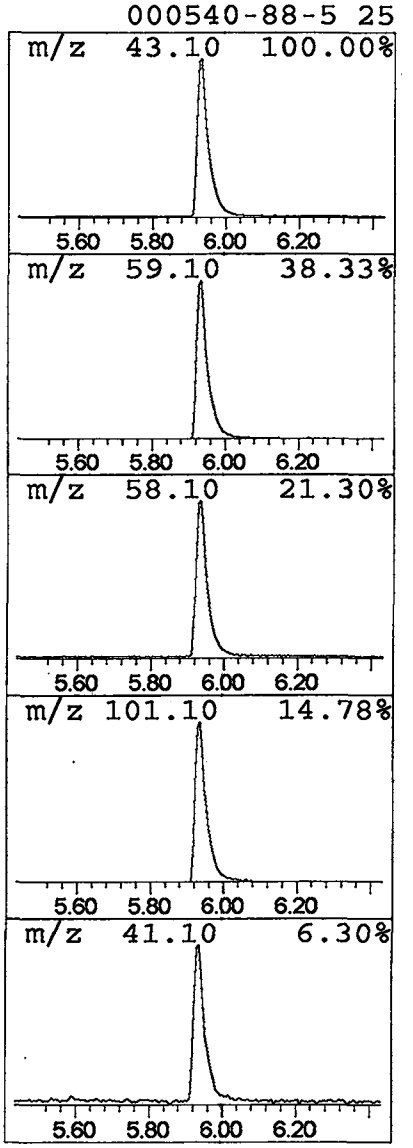
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	90
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25











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Library : C:\DATABASE\NIST98.L

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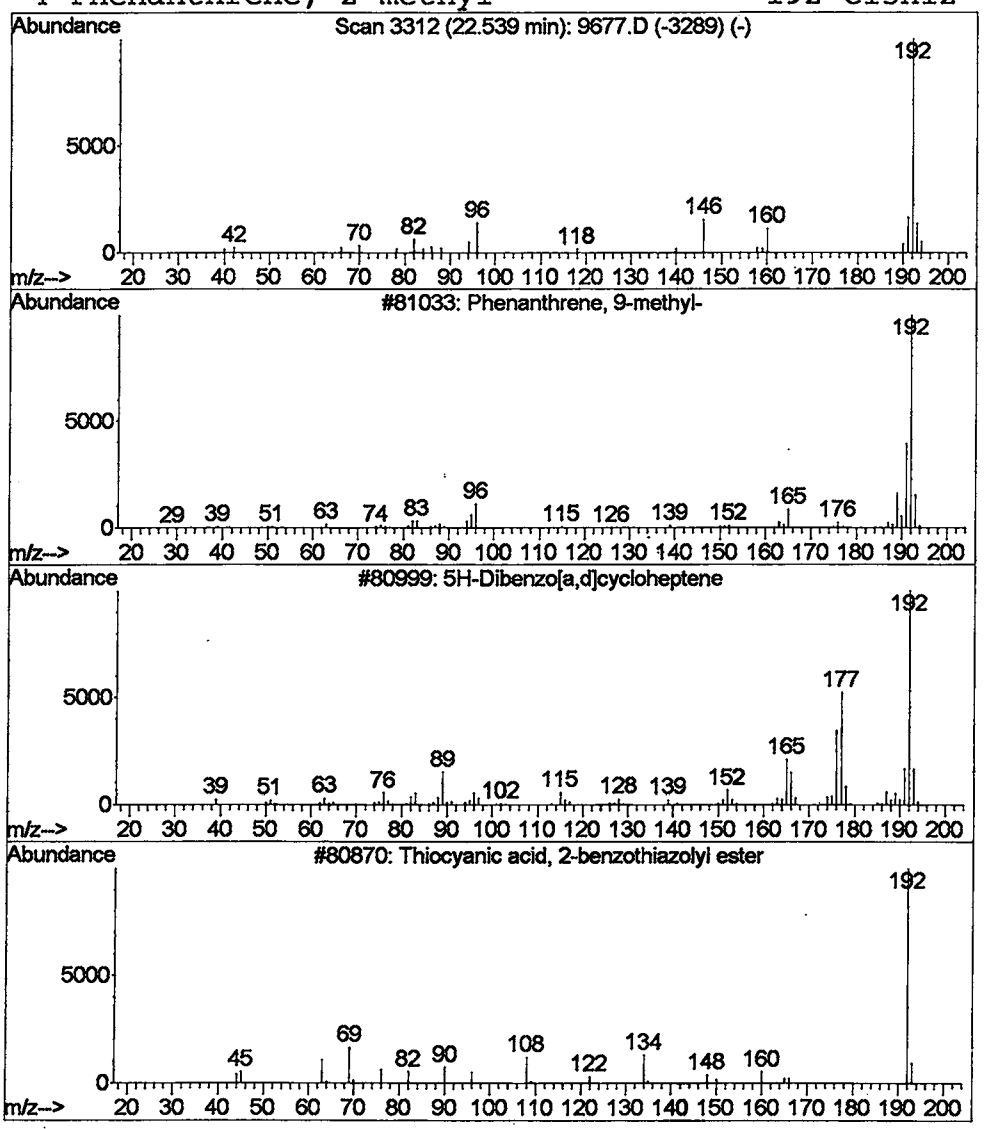
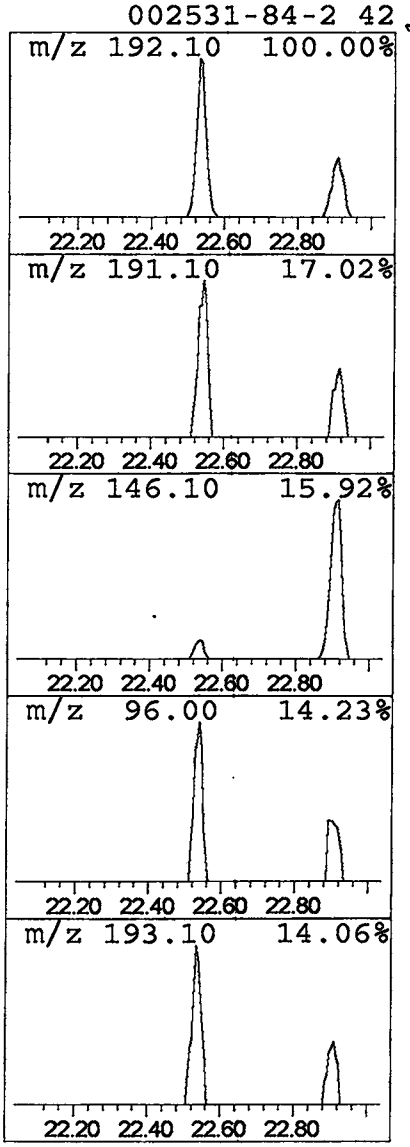
Peak Number 12 Phenanthrene, 9-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.29 ug/L	309598	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	45
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	42
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42





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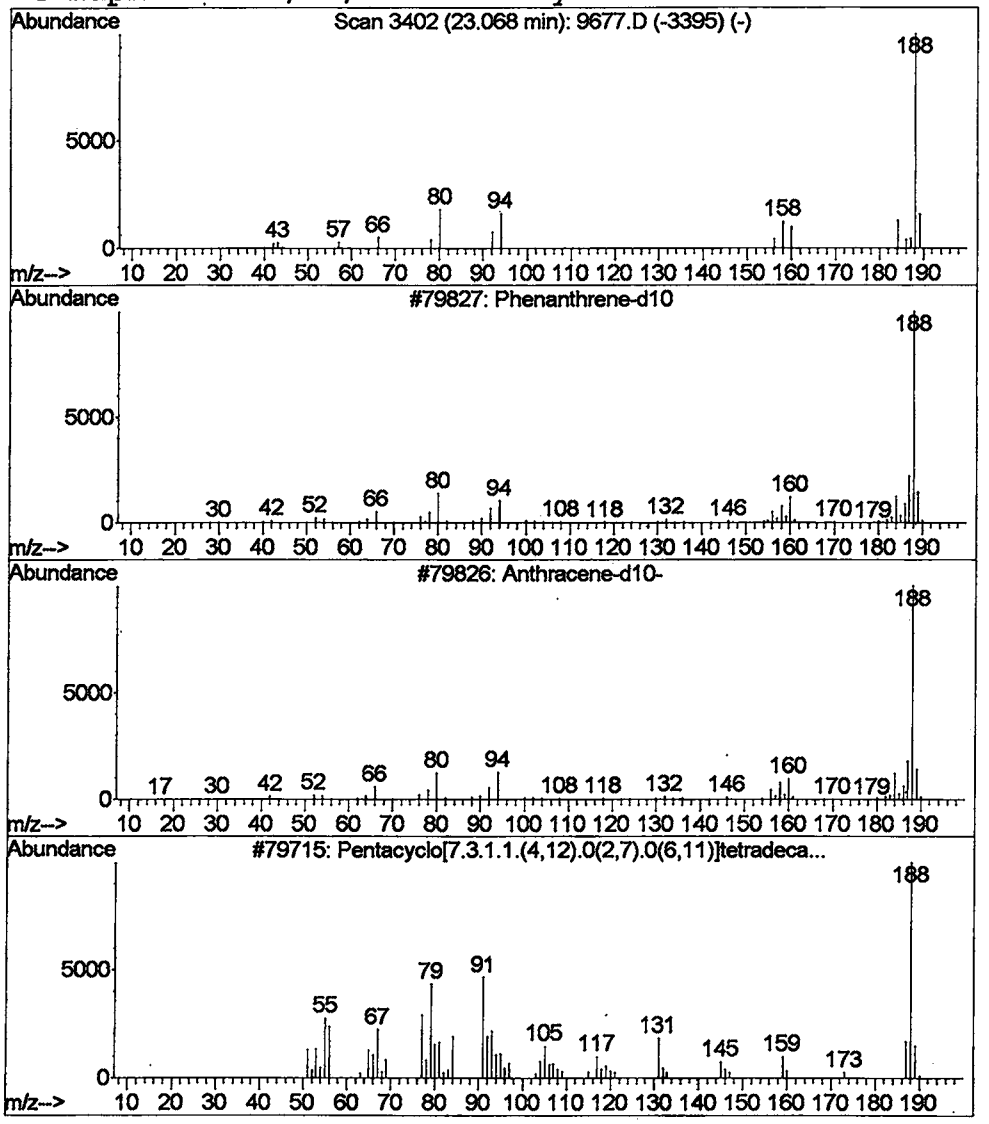
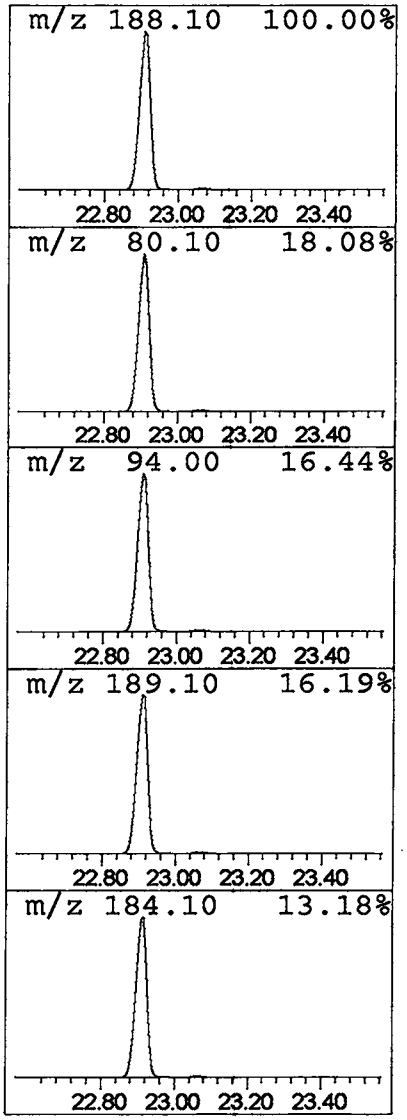
Peak Number 13 Phenanthrene-d10 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.07	0.27 ug/L	287110	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	86
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...	188	C14H20	1000215-61-8	59
4	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	42





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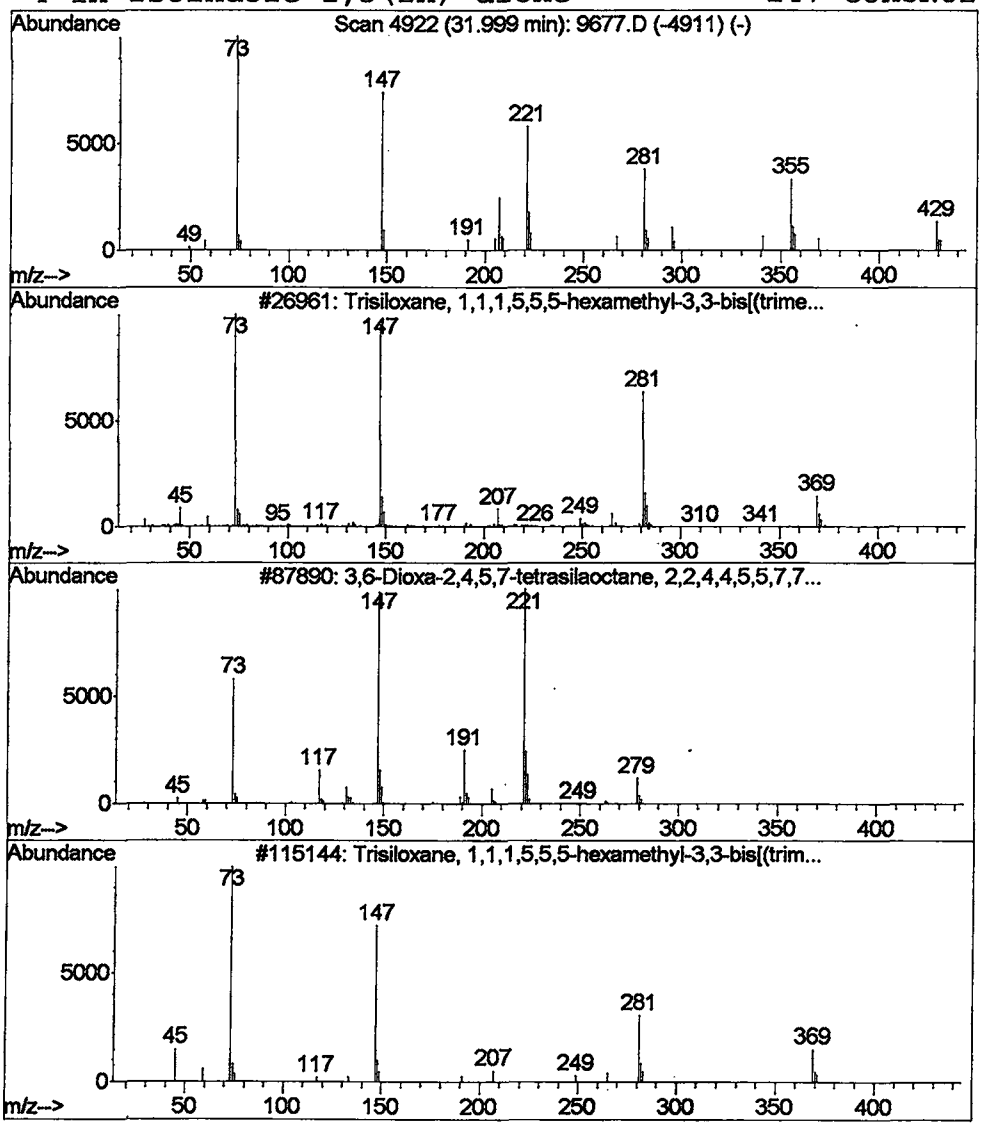
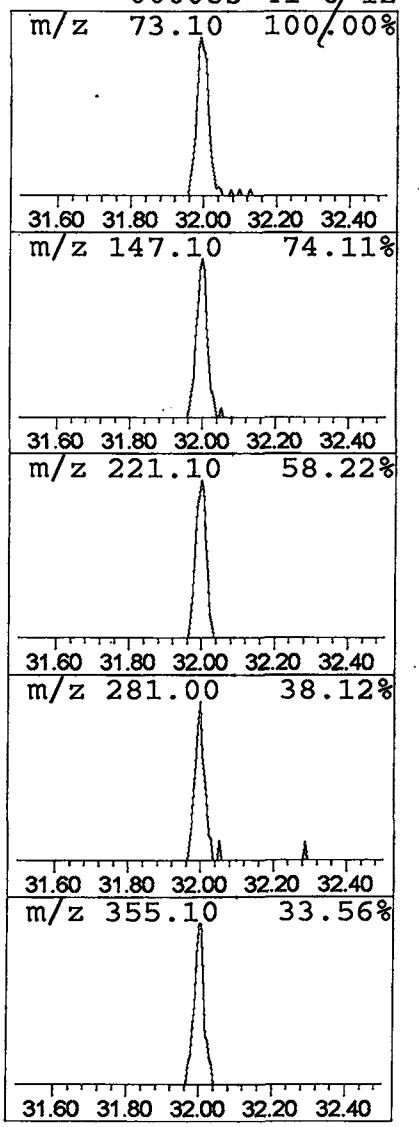
Peak Number 14 Trisiloxane, 1,1,1,5,5,5-he... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.00	0.46 ug/L	404330	Chrysene-d12	30.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	37
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	25
4	1H-Isoindole-1,3(2H)-dione	147	C8H5NO2	000085-41-6	12





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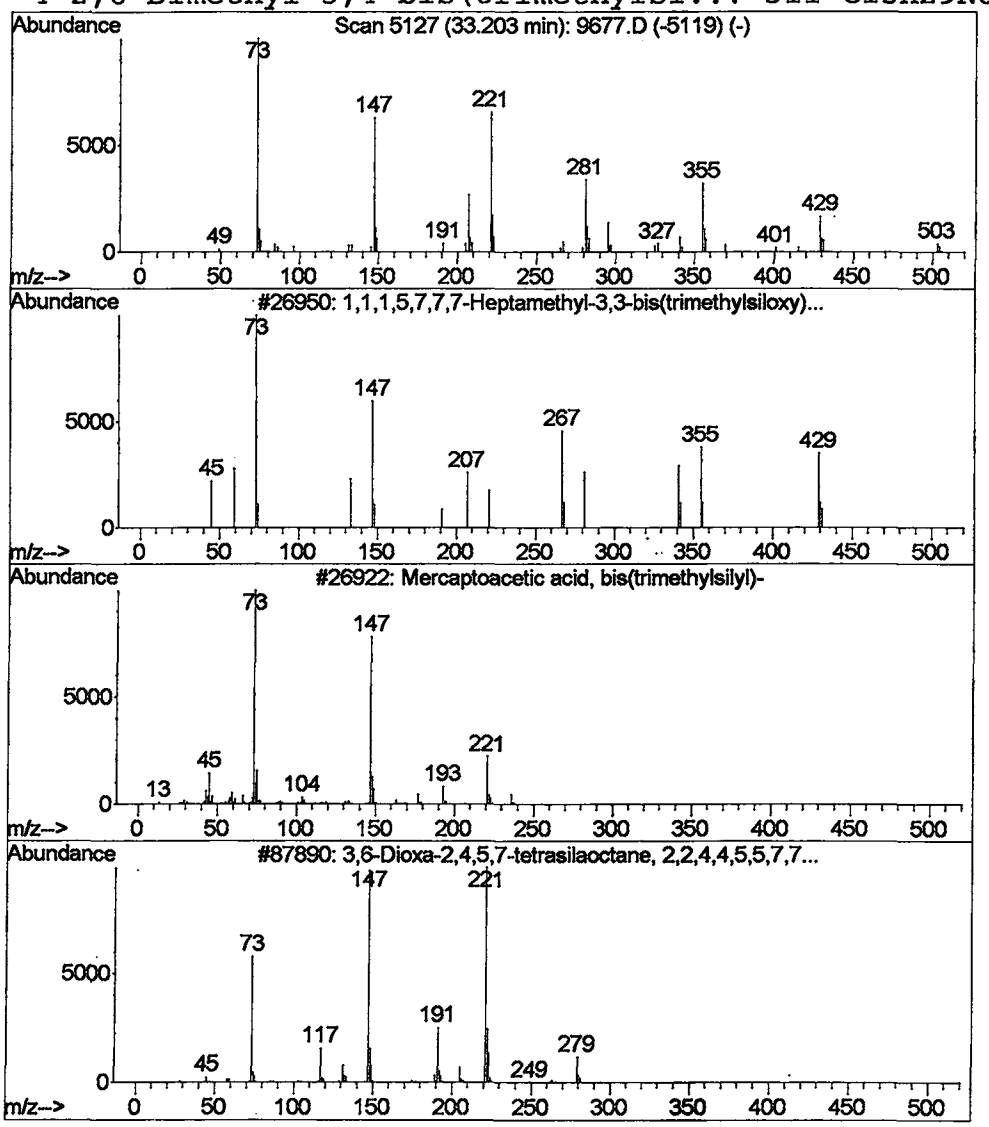
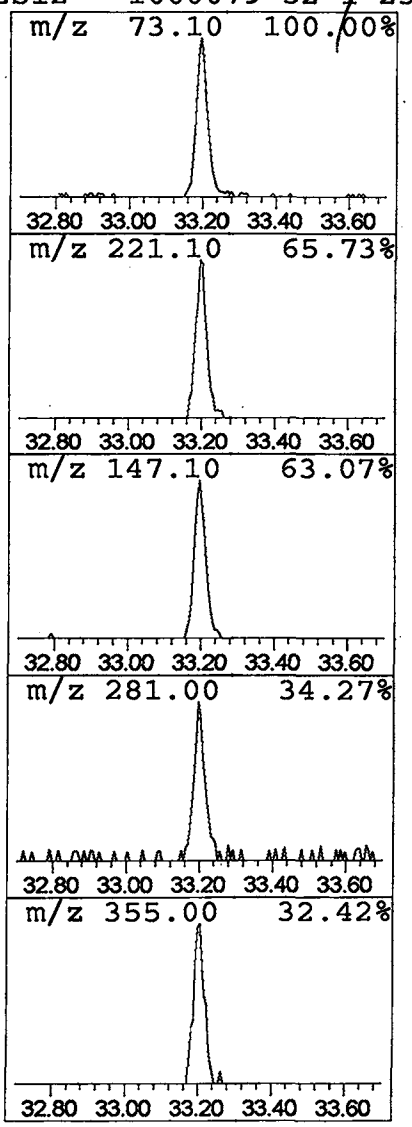
Peak Number 15 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	1.52 ug/L	833686	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	45
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32
4	2,6-Dimethyl-3,4-bis(trimethylsi...	311	C15H29NO2Si2	1000079-52-1	23





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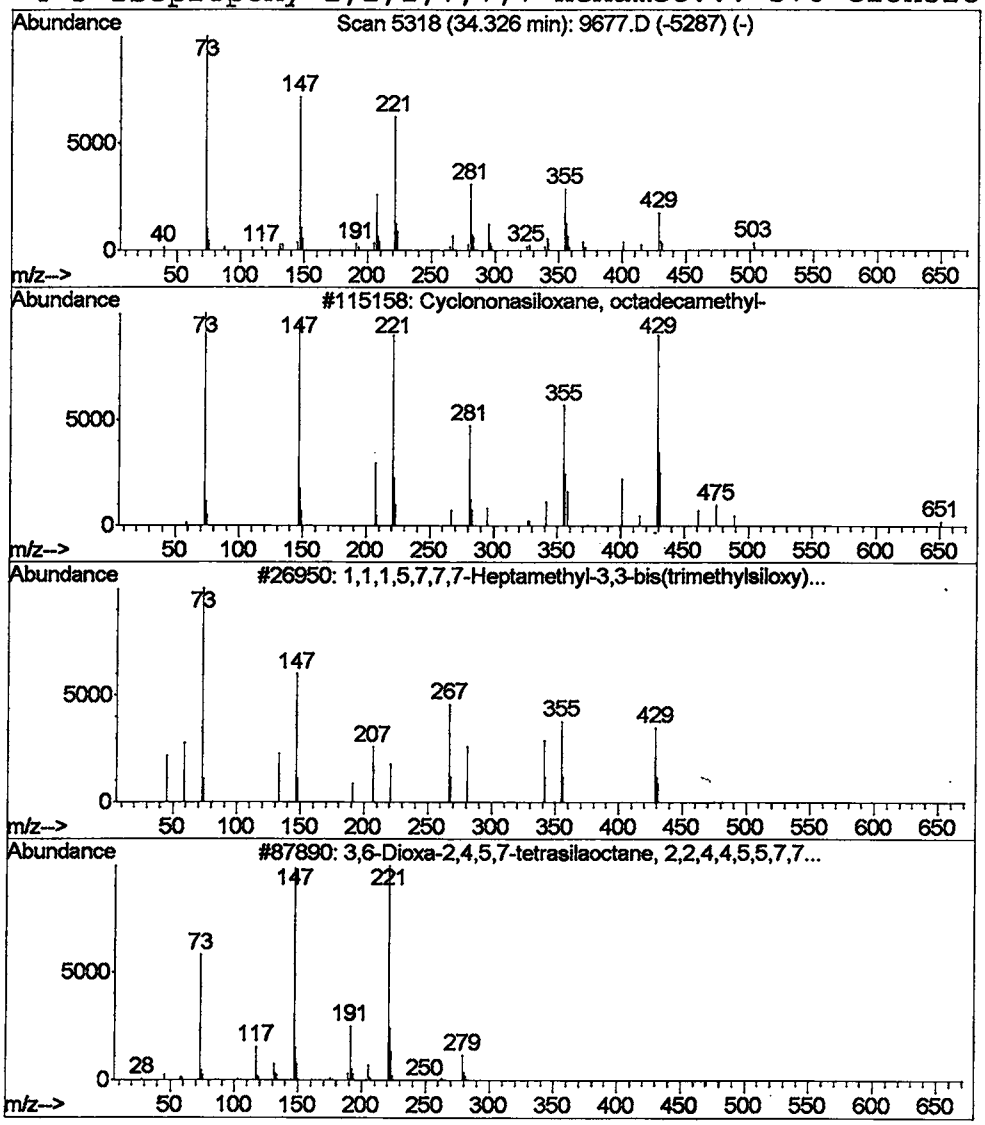
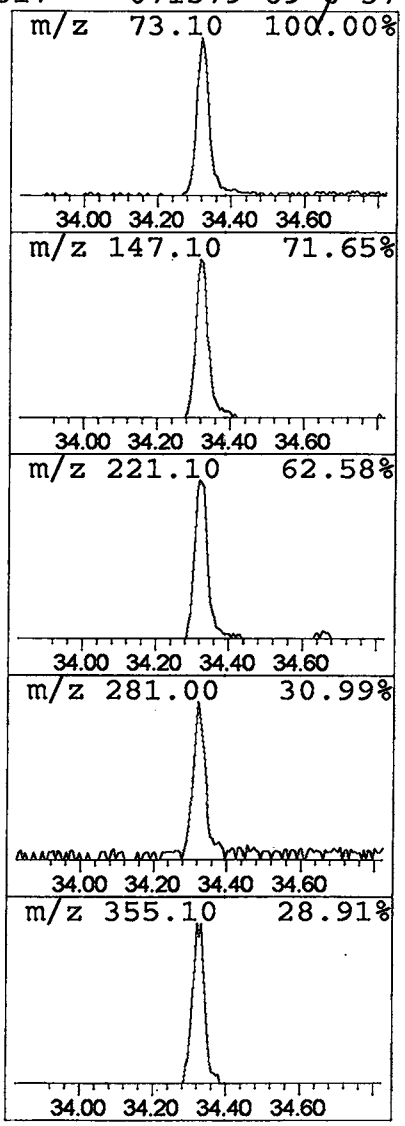
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	2.35 ug/L	1289420	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	53
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	37





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9677.D
Acq On : 22 May 2002 12:44 am
Sample : re-extract
Misc :
MS Integration Params: LSCINT.e

Vial: 15
Operator: Mclean
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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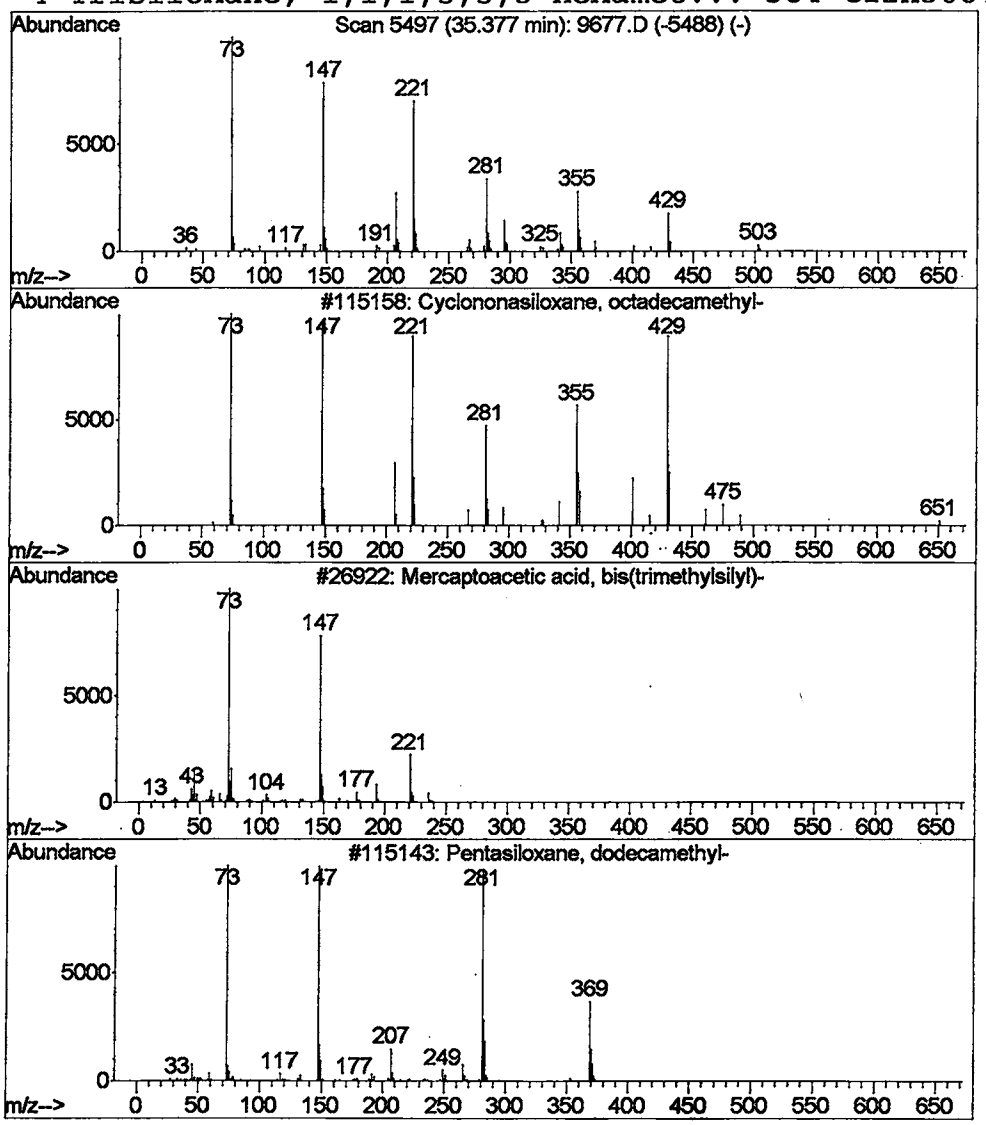
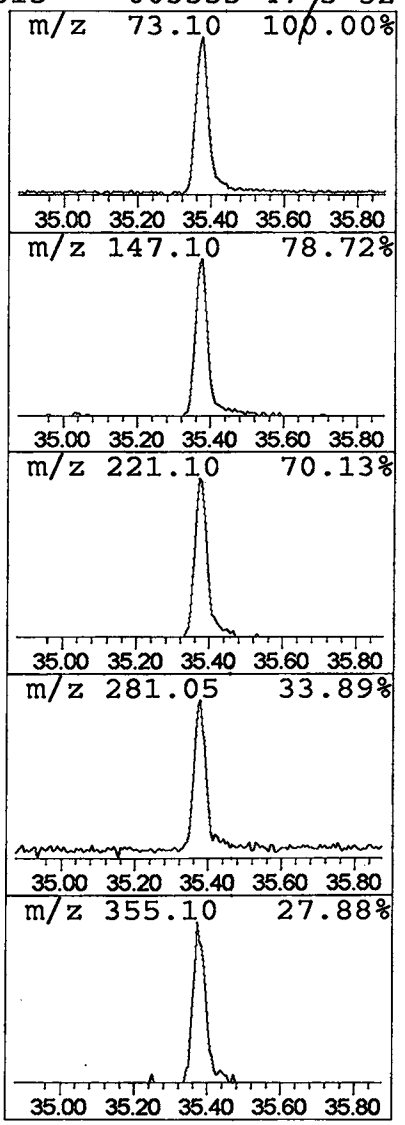
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	2.85 ug/L	1565150	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	64
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	47
3	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	38
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9677.D Vial: 15
Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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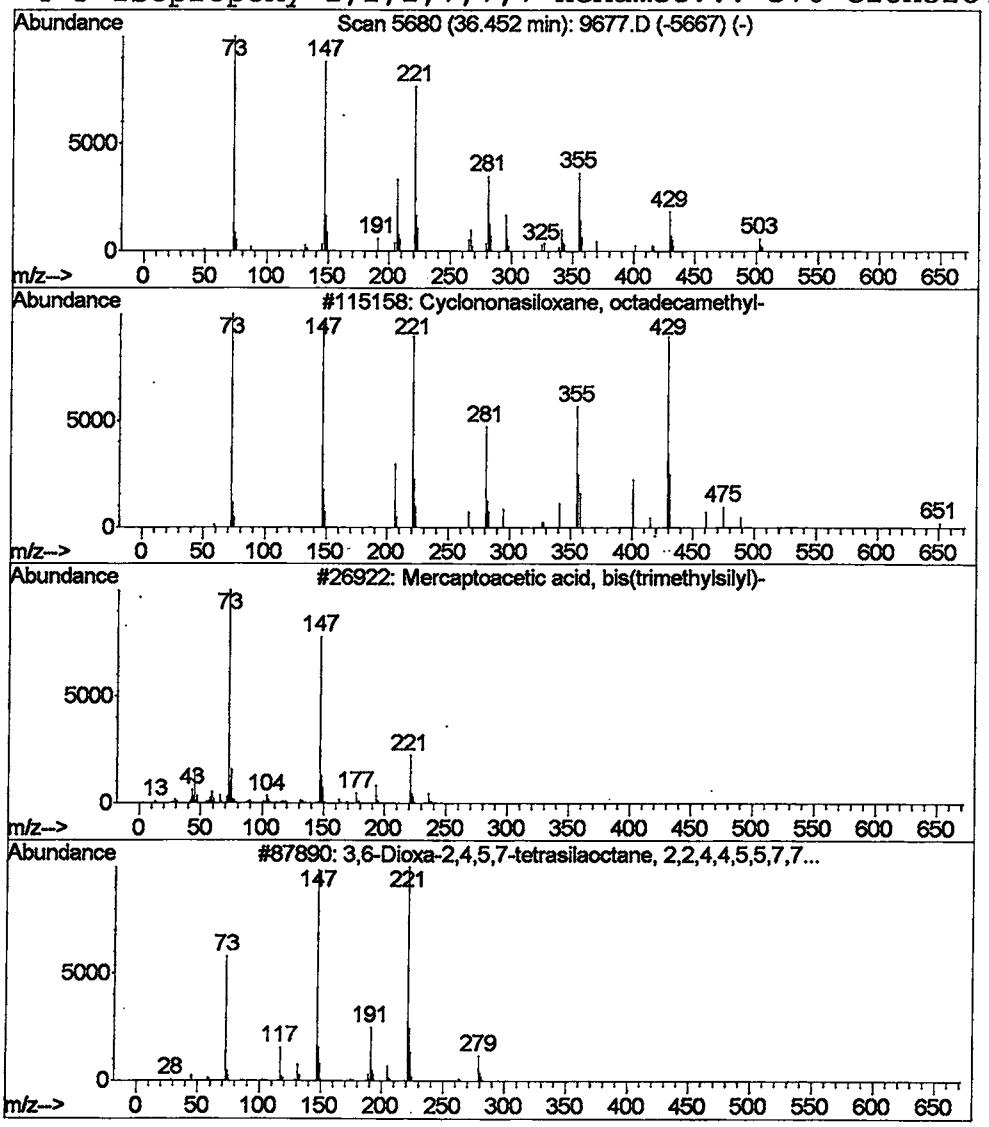
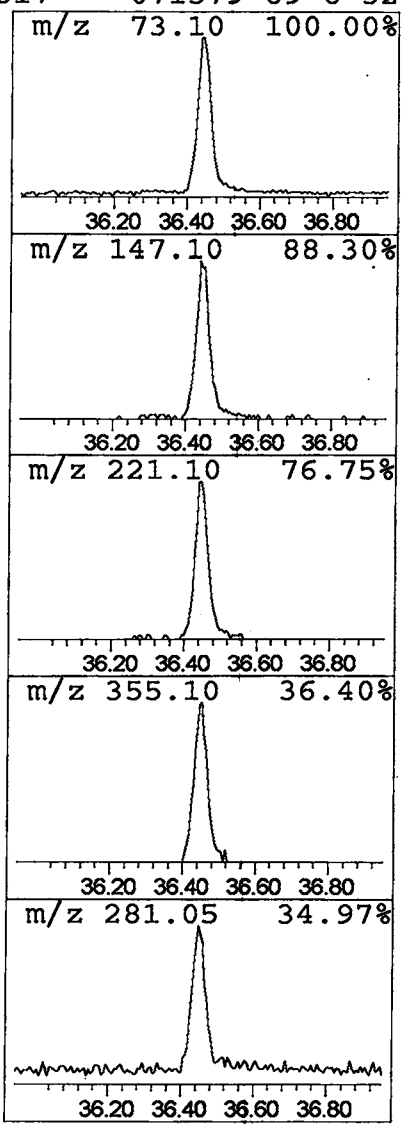
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	2.65 ug/L	1454750	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	42
3	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	42
4	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9677.D Vial: 15
Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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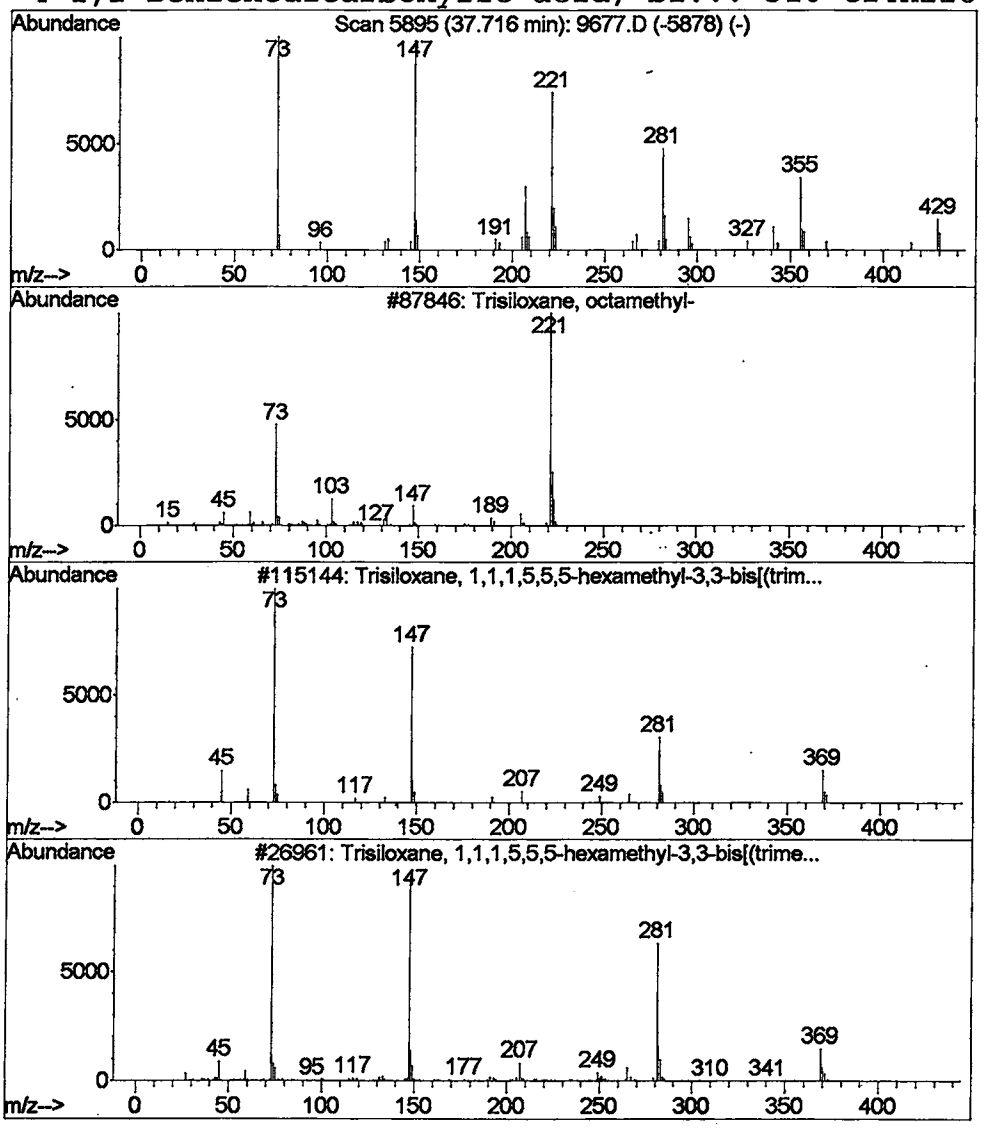
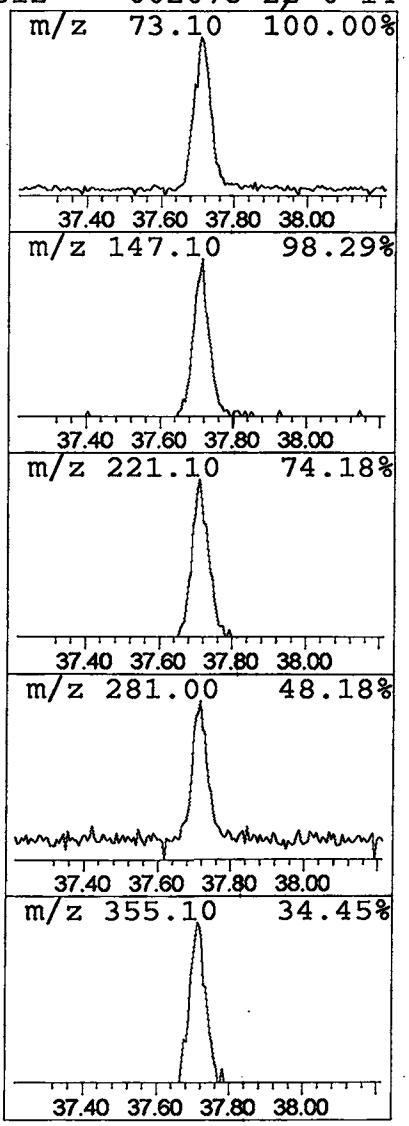
Peak Number 19 Trisiloxane, octamethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	1.75 ug/L	962955	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	22
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16
4	1,2-Benzenedicarboxylic acid, bi...	310	C14H22O4Si2	002078-22-0	14





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052102\9677.D Vial: 15
Acq On : 22 May 2002 12:44 am Operator: Mclean
Sample : re-extract Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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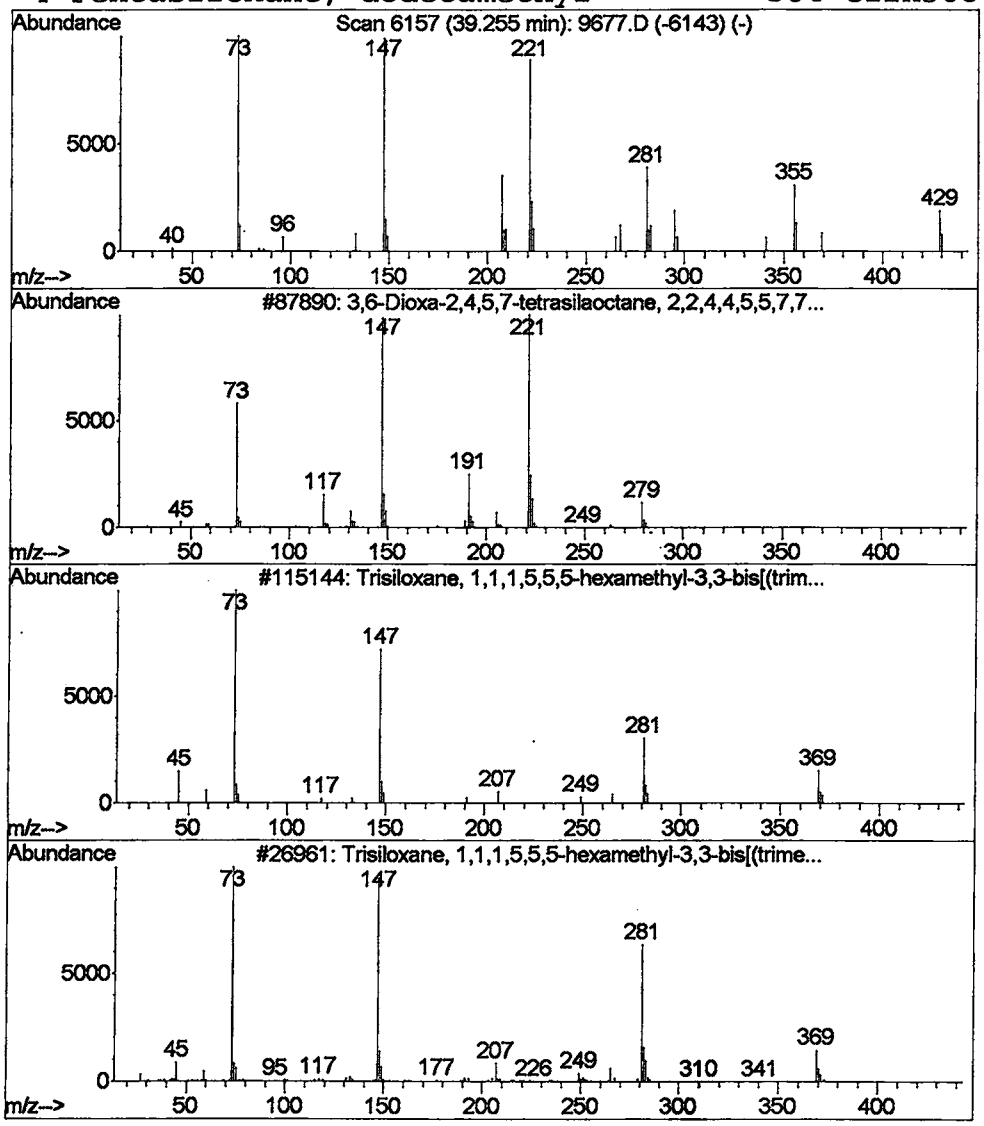
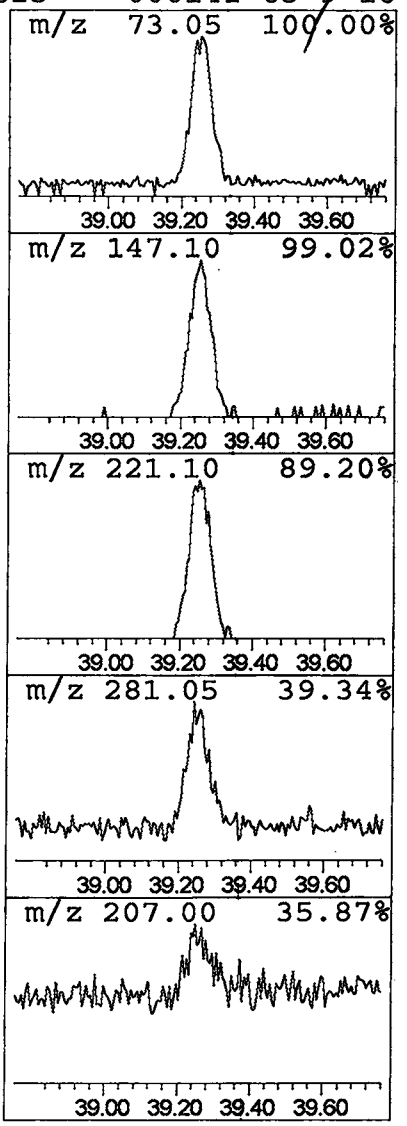
Peak Number 20 3,6-Dioxa-2,4,5,7-tetrasila... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.26	1.09 ug/L	599542	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	38
2	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	16
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	16





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 22 May 2002 12:44 am
Data File: C:\MSDCHEM\1\DATA\052102\9677.D
Name: re-extract
Misc:
Method: C:\MSDCHEM\1\METHODS\052202.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	3.73	2.4	ug/L	1679170	1	9.90	27982600	40.0
Boron trifluoride...	3.78	0.5	ug/L	338884	1	9.90	27982600	40.0
1,2,3-Butatriene,...	3.80	2.1	ug/L	1443570	1	9.90	27982600	40.0
Methanethiol	3.90	0.6	ug/L	438950	1	9.90	27982600	40.0
1-Propyne, 1-(met...	3.93	1.1	ug/L	781566	1	9.90	27982600	40.0
Phosphonic difluo...	3.99	0.7	ug/L	523093	1	9.90	27982600	40.0
Methylene Chloride	4.20	0.9	ug/L	624356	1	9.90	27982600	40.0
1,3,5-Cycloheptat...	4.27	1.5	ug/L	1062870	1	9.90	27982600	40.0
Methylene Chloride	4.40	0.2	ug/L	168723	1	9.90	27982600	40.0
2-Chloroethanol	4.55	0.3	ug/L	179708	1	9.90	27982600	40.0
2-Pentanone, 4-hy...	5.93	10.0	ug/L	6996100	1	9.90	27982600	40.0
Phenanthrene, 9-m...	22.54	0.3	ug/L	309598	4	22.91	42946300	40.0
Phenanthrene-d10	23.07	0.3	ug/L	287110	4	22.91	42946300	40.0
Trisiloxane, 1,1,...	32.00	0.5	ug/L	404330	5	30.76	35405400	40.0
1,1,1,5,7,7,7-Hep...	33.20	1.5	ug/L	833686	6	34.66	21974000	40.0
Cyclononasiloxane...	34.32	2.3	ug/L	1289420	6	34.66	21974000	40.0
Cyclononasiloxane...	35.38	2.8	ug/L	1565150	6	34.66	21974000	40.0
Cyclononasiloxane...	36.45	2.6	ug/L	1454750	6	34.66	21974000	40.0
Trisiloxane, octa...	37.71	1.8	ug/L	962955	6	34.66	21974000	40.0
3,6-Dioxa-2,4,5,7...	39.26	1.1	ug/L	599542	6	34.66	21974000	40.0