User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:10:13

Sample: AE11908
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:09 Ended: 6/4/02 09:09 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE11908 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:10:36

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.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\052202\11908.D Vial: 15
Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 08:42:43 2002 Quant Results File: 050102.RES

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 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	4167950	40.00	ug/L	-0.03
10) Napthalene-d8	13.39	136	16479322	40.00	ug/L	-0.04
17) Acenapthalene-d10	18.53	164	9060443	40.00	ug/L	-0.04
29) Phenanthranene-d10	22.91	188	13577370	40.00	ug/L	-0.04
37) Chrysene-d12	30.76	240	8175124	40.00	ug/L	-0.05
43) Perylene-d12	34.66	264	4503050	40.00	ug/L	-0.05
System Monitoring Compounds						
27) TCMX	20.51	209	1905979	34.65	ug/L	-0.03
Spiked Amount 40.000			Recovery = 86.63%			
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	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	32692	N.D.		
30) Nnitrosodiphenylamine	20.51	169	37535	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

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Title : 508 Modified GC/MS scan
Last Update : Mon May 13 11:40:29 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	20055	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)

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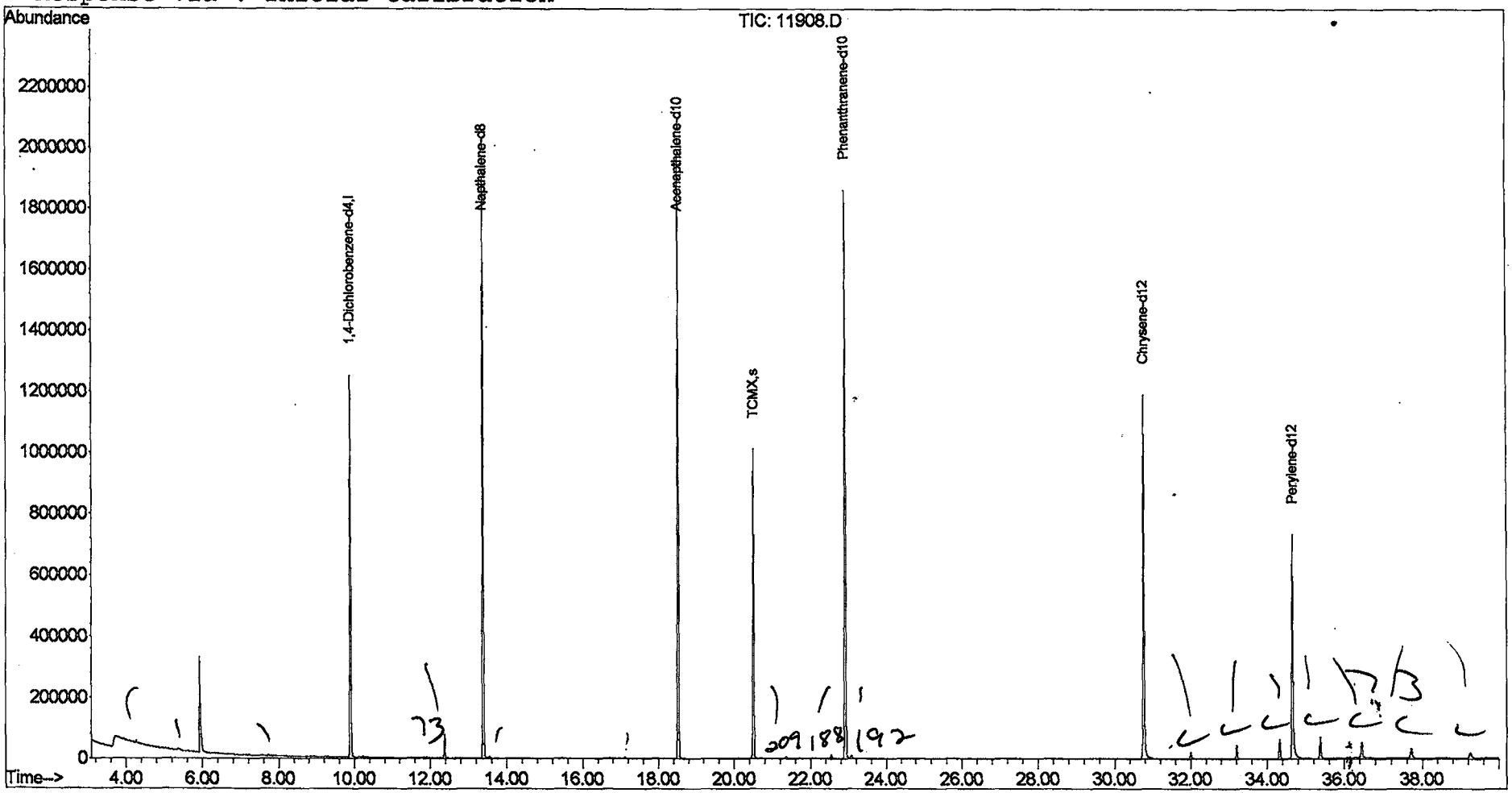
Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: May 23 8:42 2002 Quant Results File: 050102.RES

Method : C:\MSDCHEM\1\METHODS\052202.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Wed May 22 15:21:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\052202\11908.D Vial: 15
Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad 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

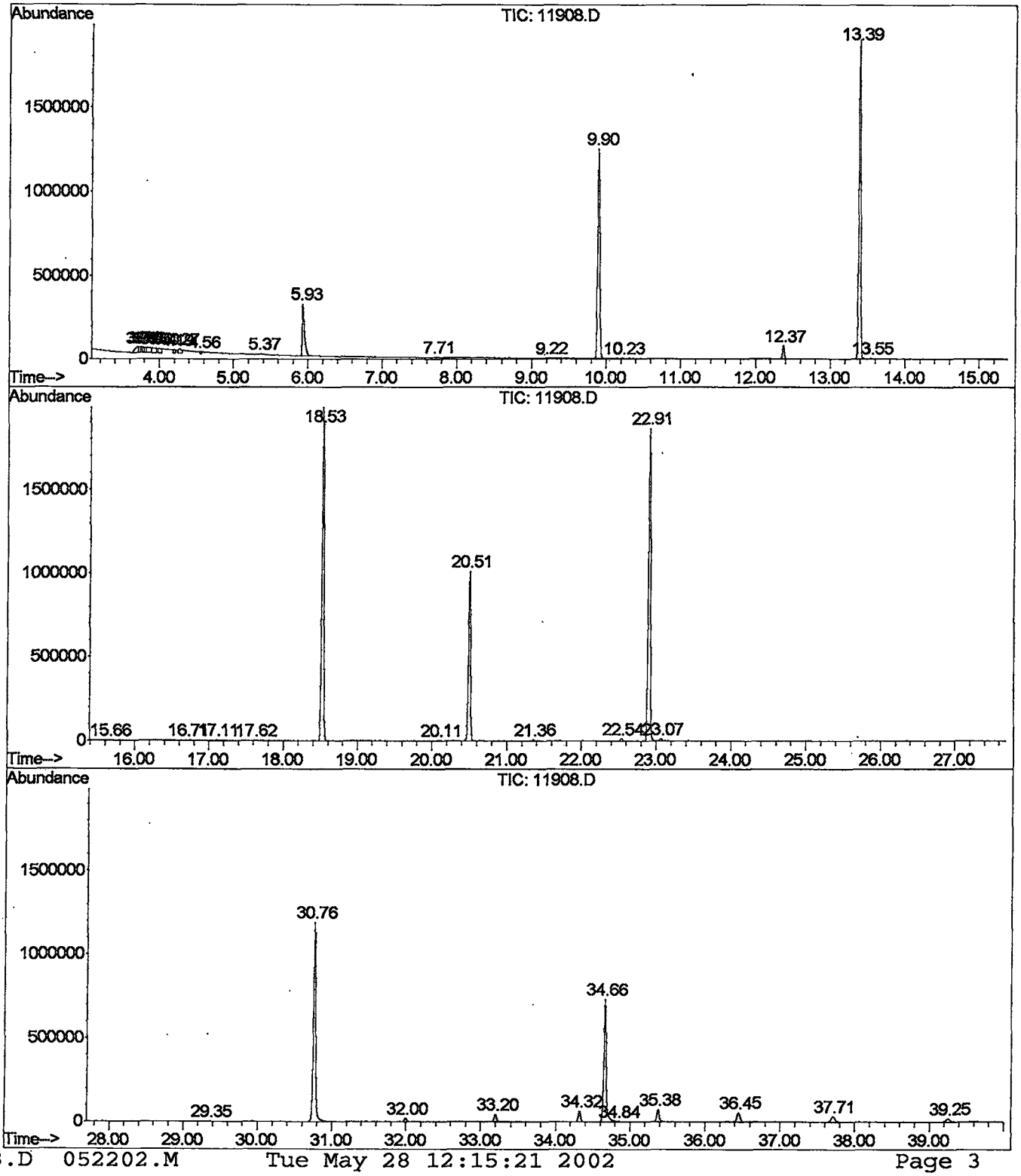
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.708	92	107	109	PV 3	34232	1152957	3.11%	0.530%
2	3.737	109	112	114	VV 4	35148	630823	1.70%	0.290%
3	3.761	114	116	118	VV 2	34084	397925	1.07%	0.183%
4	3.778	118	119	122	VV 3	33771	508727	1.37%	0.234%
5	3.808	122	124	126	VV 3	32648	433518	1.17%	0.199%
6	3.831	126	128	139	VV 7	32132	1348465	3.64%	0.620%
7	3.902	139	140	150	VV 5	28731	1111688	3.00%	0.511%
8	3.996	154	156	162	VV 4	26517	751370	2.03%	0.345%
9	4.190	187	189	193	VV 2	21521	380130	1.03%	0.175%
10	4.272	199	203	209	VV 4	27068	771358	2.08%	0.355%
11	4.554	250	251	253	VV 2	11880	141226	0.38%	0.065%
12	5.371	385	390	396	PV 6	3894	69981	0.19%	0.032%
13	5.935	478	486	513	PV	310638	6484924	17.49%	2.982%
14	7.715	782	789	793	PV 7	3060	65157	0.18%	0.030%
15	9.219	1041	1045	1053	VV 5	1709	32877	0.09%	0.015%
16	9.901	1151	1161	1175	VV	1232358	24935715	67.25%	11.465%
17	10.224	1212	1216	1225	PV 6	3626	64704	0.17%	0.030%
18	12.374	1572	1582	1595	BV	77509	1202730	3.24%	0.553%
19	13.391	1744	1755	1776	PV	1859749	33508889	90.37%	15.406%
20	13.549	1776	1782	1790	VV	4607	89007	0.24%	0.041%
21	15.653	2136	2140	2145	PV 5	1552	19725	0.05%	0.009%
22	16.711	2315	2320	2331	PV 7	2774	58959	0.16%	0.027%
23	17.110	2384	2388	2395	PV 2	5843	79199	0.21%	0.036%
24	17.621	2470	2475	2480	PV 6	2084	33448	0.09%	0.015%
25	18.532	2619	2630	2651	VV	1965160	37078924	100.00%	17.048%
26	20.107	2888	2898	2904	PV 5	2020	44402	0.12%	0.020%
27	20.506	2947	2966	2981	VV	1005203	18858736	50.86%	8.671%
28	21.358	3106	3111	3117	PV 4	6787	108802	0.29%	0.050%
29	22.539	3300	3312	3323	VV 2	12511	233616	0.63%	0.107%
30	22.909	3364	3375	3394	PV 2	1833749	36901218	99.52%	16.966%
31	23.068	3394	3402	3410	VV	10438	202859	0.55%	0.093%
32	29.355	4467	4472	4479	VV 3	2129	36735	0.10%	0.017%
33	30.759	4692	4711	4767	PV 2	1179884	25446334	68.63%	11.699%
34	31.999	4914	4922	4930	PV 3	20894	421251	1.14%	0.194%
35	33.197	5108	5126	5140	PV 2	45488	962060	2.59%	0.442%
36	34.325	5303	5318	5339	BV	65029	1440787	3.89%	0.662%
37	34.655	5355	5374	5404	VV 2	720743	16440482	44.34%	7.559%

38	34.837	5404	5405	5410	VV	3	3478	62443	0.17%	0.029%
39	35.377	5486	5497	5512	PV		71297	1626259	4.39%	0.748%
40	36.447	5661	5679	5702	VV	2	54057	1648485	4.45%	0.758%
41	37.710	5879	5894	5910	PV	4	32013	1053281	2.84%	0.484%
42	39.249	6143	6156	6173	PV	6	17143	661031	1.78%	0.304%

Sum of corrected areas: 217501208

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\052202\11908.D
Operator : Mclean
Acquired : 23 May 2002 1:14 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 5/21 ad
Misc Info :
Vial Number: 15
Quant File :050102.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11908.D
Acq On : 23 May 2002 1:14 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

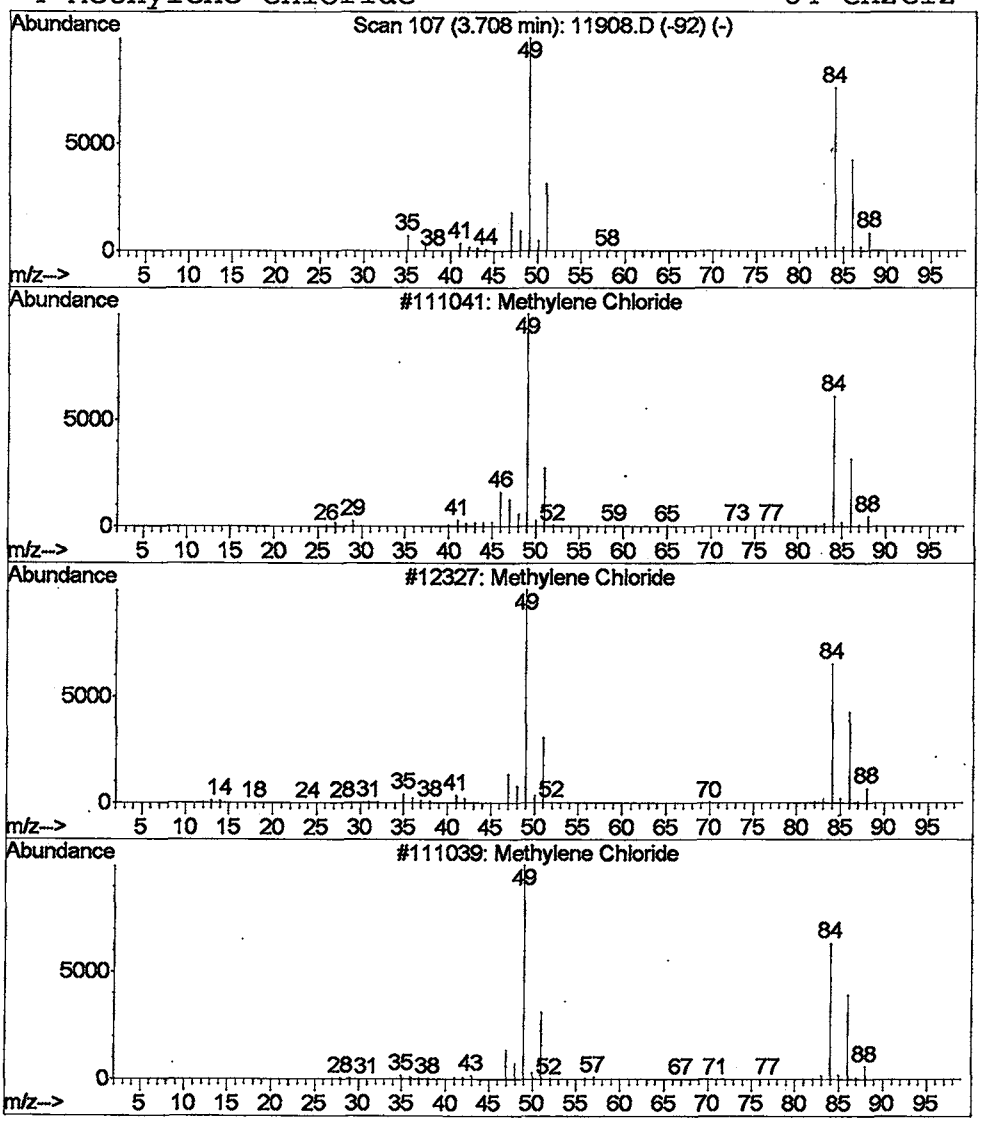
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

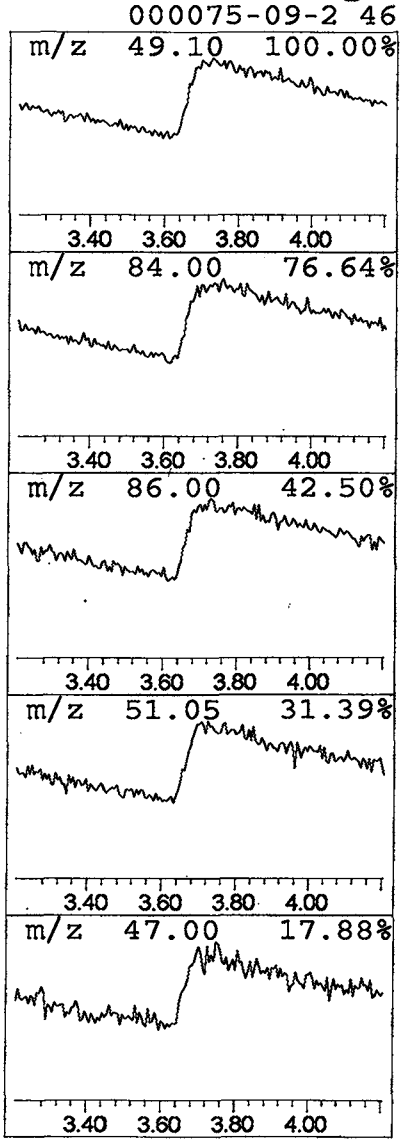
****

Peak Number 1 Methylene Chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	1.85 ug/L	1152960	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	94
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	46





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11908.D Vial: 15
Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

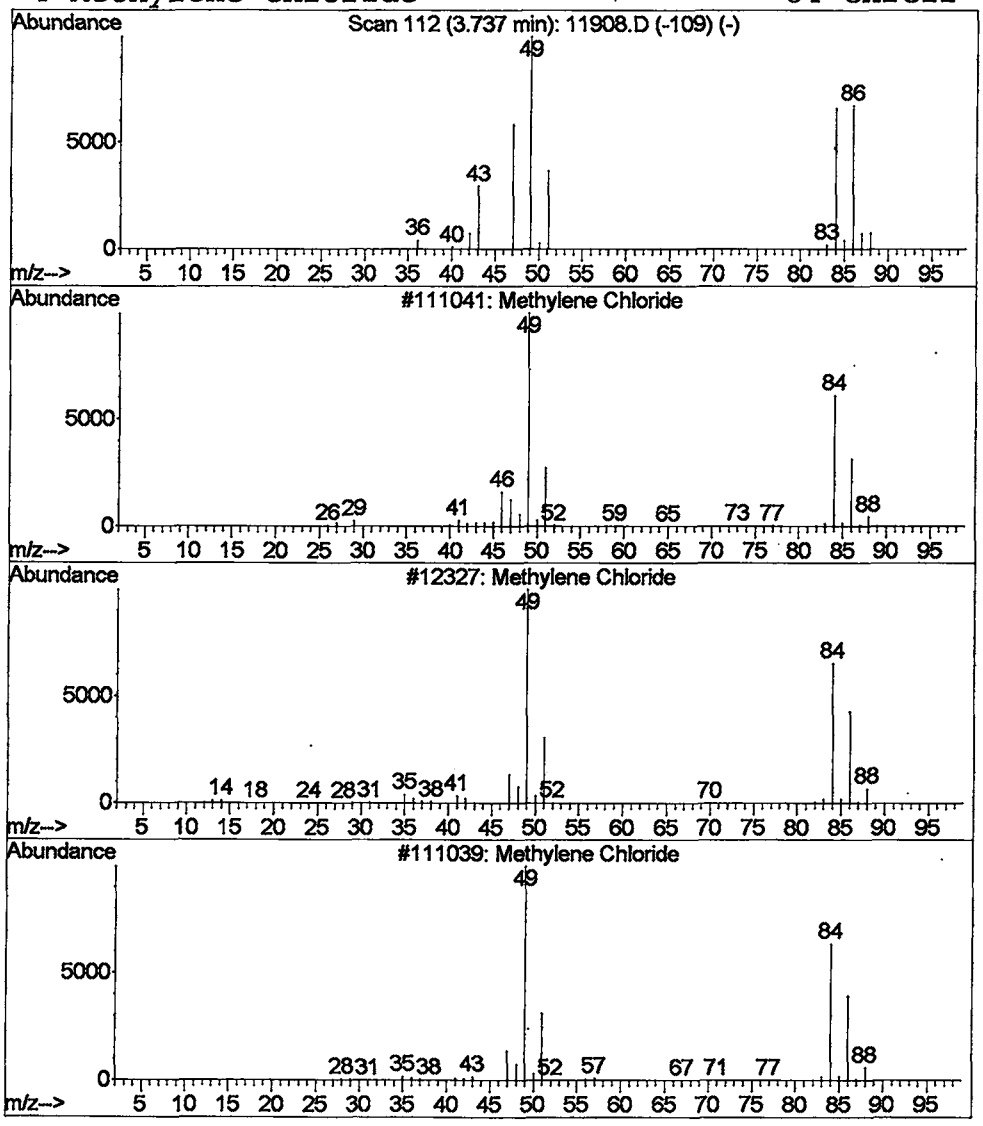
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

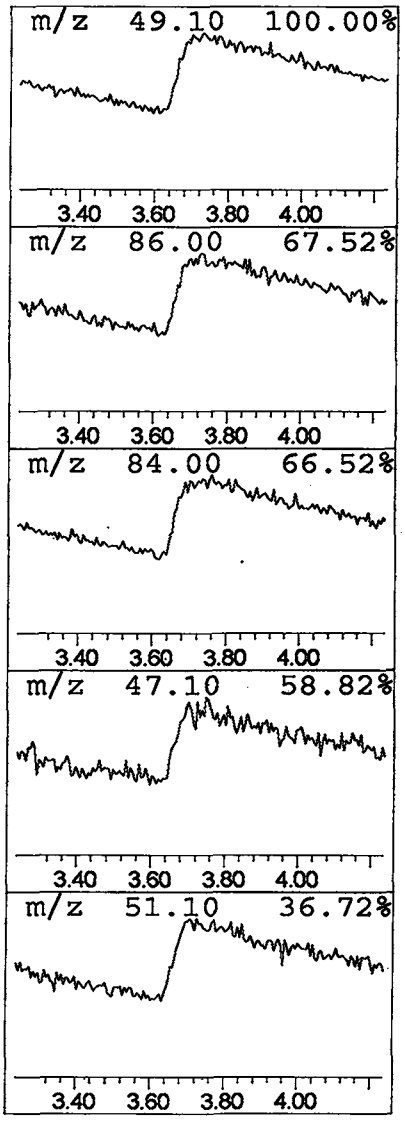
****

Peak Number 2 Methylene Chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.74	1.01 ug/L	630823	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	80
2	Methylene Chloride	84	CH2Cl2	000075-09-2	80
3	Methylene Chloride	84	CH2Cl2	000075-09-2	80
4	Methylene Chloride	84	CH2Cl2	000075-09-2	78





Library Search Compound Report

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Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

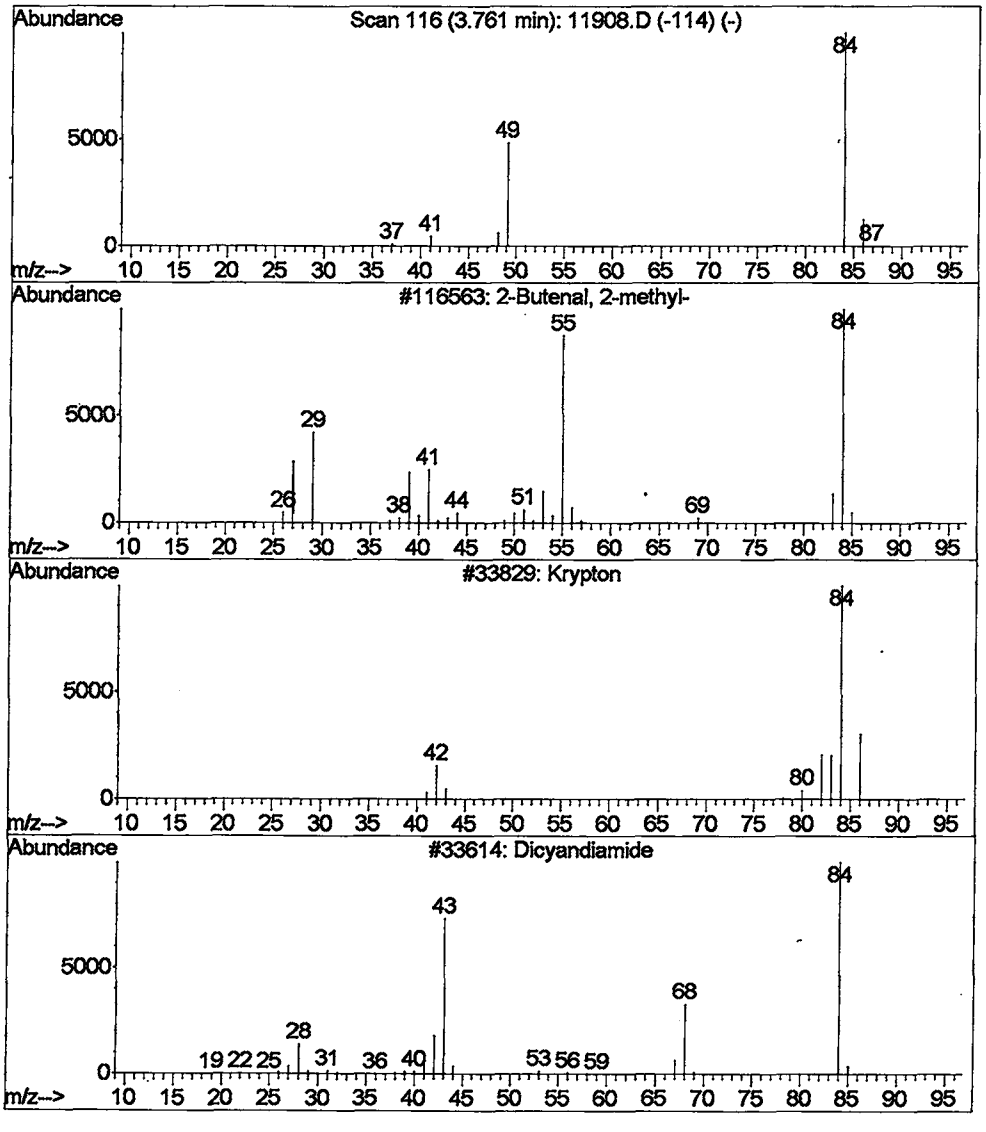
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

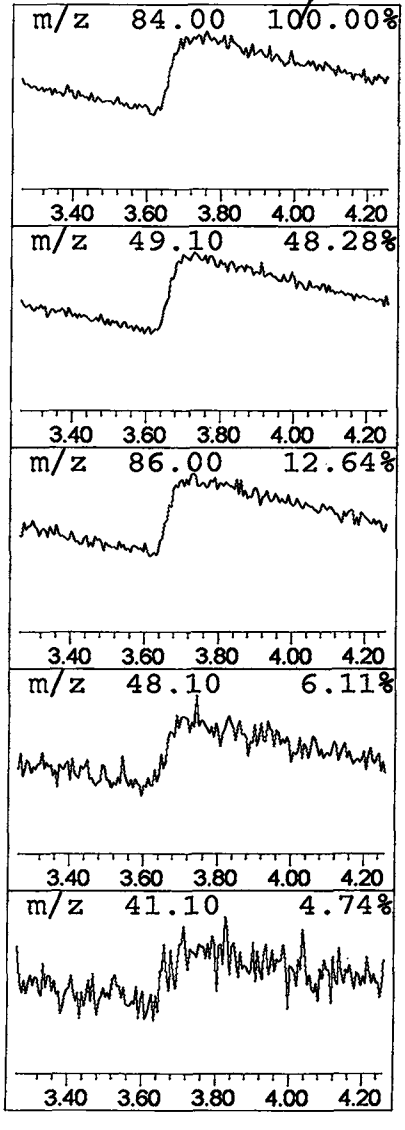
****

Peak Number 3 2-Butenal, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.64 ug/L	397925	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	4
2	Krypton	84	Kr	007439-90-9	3
3	Dicyandiamide	84	C2H4N4	000461-58-5	3
4	2-Amino-oxazole	84	C3H4N2O	1000144-64-0	3





Library Search Compound Report

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Acq On : 23 May 2002 1:14 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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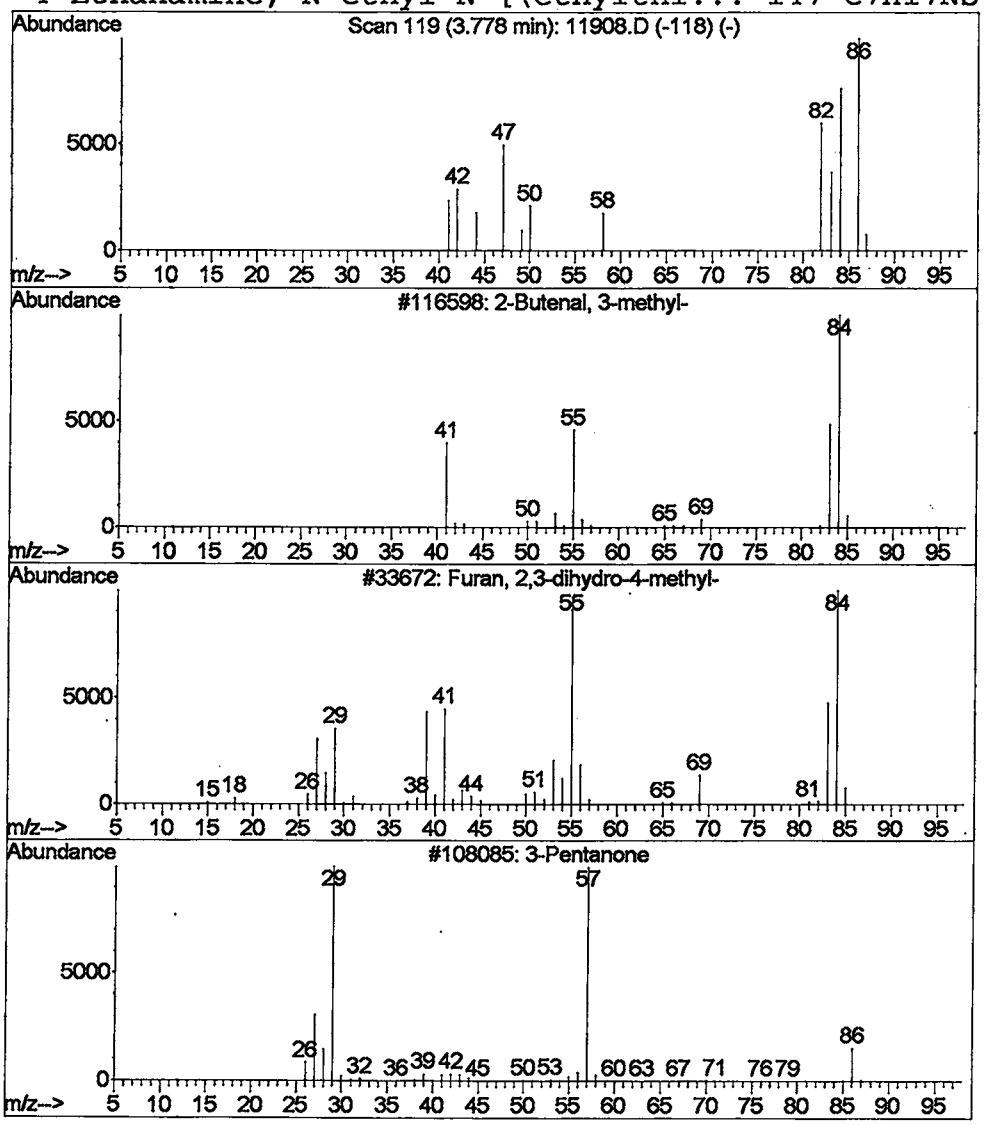
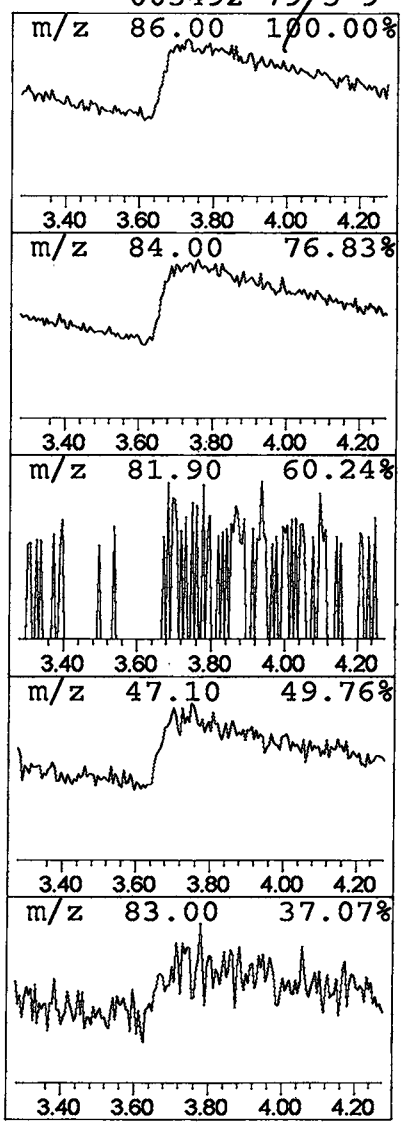
Peak Number 4 2-Butenal, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	0.82 ug/L	508727	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	9
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	9
3	3-Pentanone	86	C5H10O	000096-22-0	9
4	Ethanamine, N-ethyl-N-[(ethylthi...	147	C7H17NS	003492-79-3	9





Library Search Compound Report

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Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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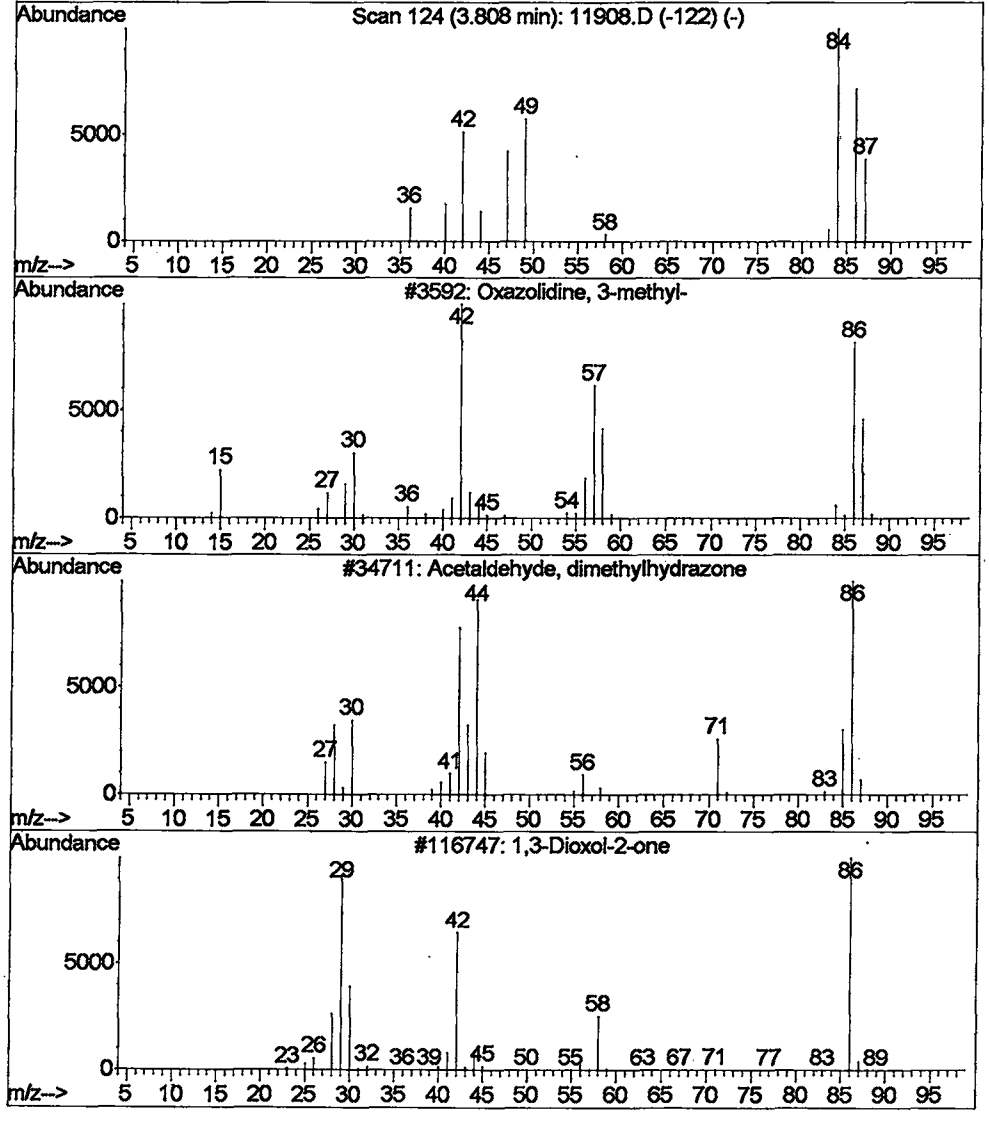
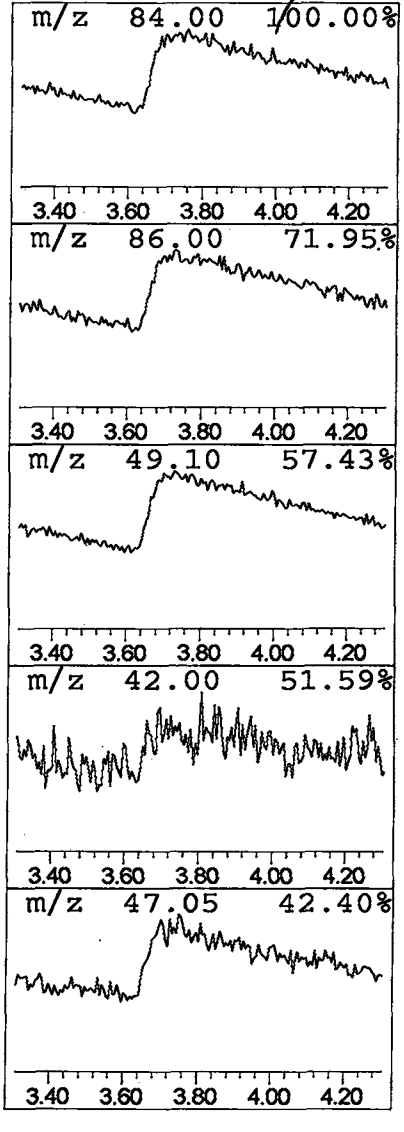
Peak Number 5 Oxazolidine, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	0.70 ug/L	433518	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidine, 3-methyl-	87	C4H9NO	027970-32-7	9
2	Acetaldehyde, dimethylhydrazone	86	C4H10N2	007422-90-4	9
3	1,3-Dioxol-2-one	86	C3H2O3	000872-36-6	9
4	1-Pyrrolidineethanamine	114	C6H14N2	007154-73-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11908.D
Acq On : 23 May 2002 1:14 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

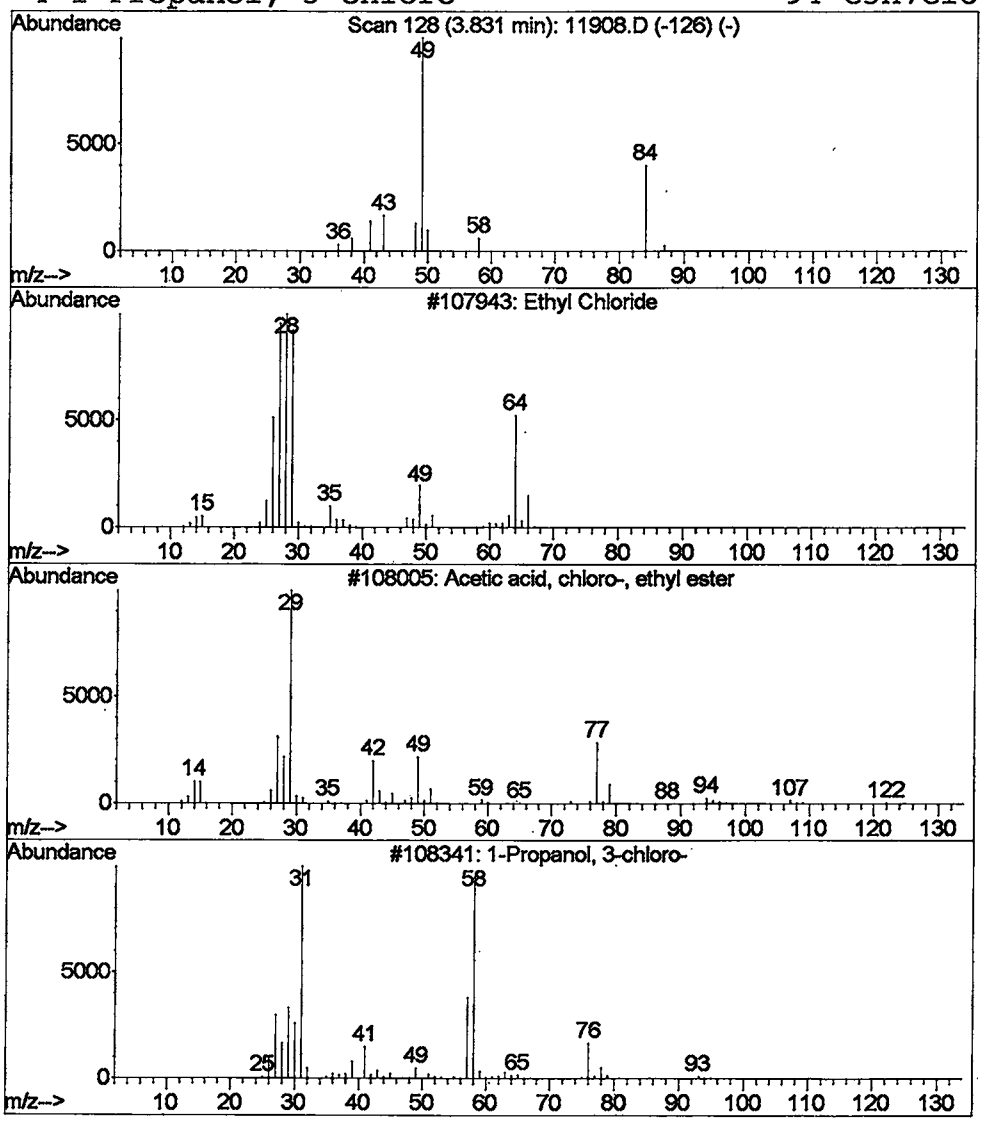
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

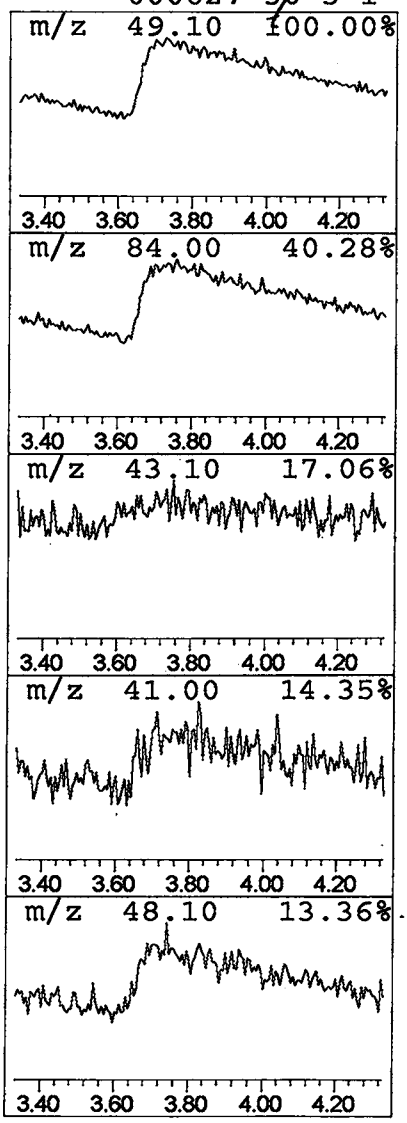
****

Peak Number 6 Ethyl Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	2.16 ug/L	1348470	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
3	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1
4	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1





Library Search Compound Report

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Acq On : 23 May 2002 1:14 am Operator: Mclean
Sample : 5/21 ad Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

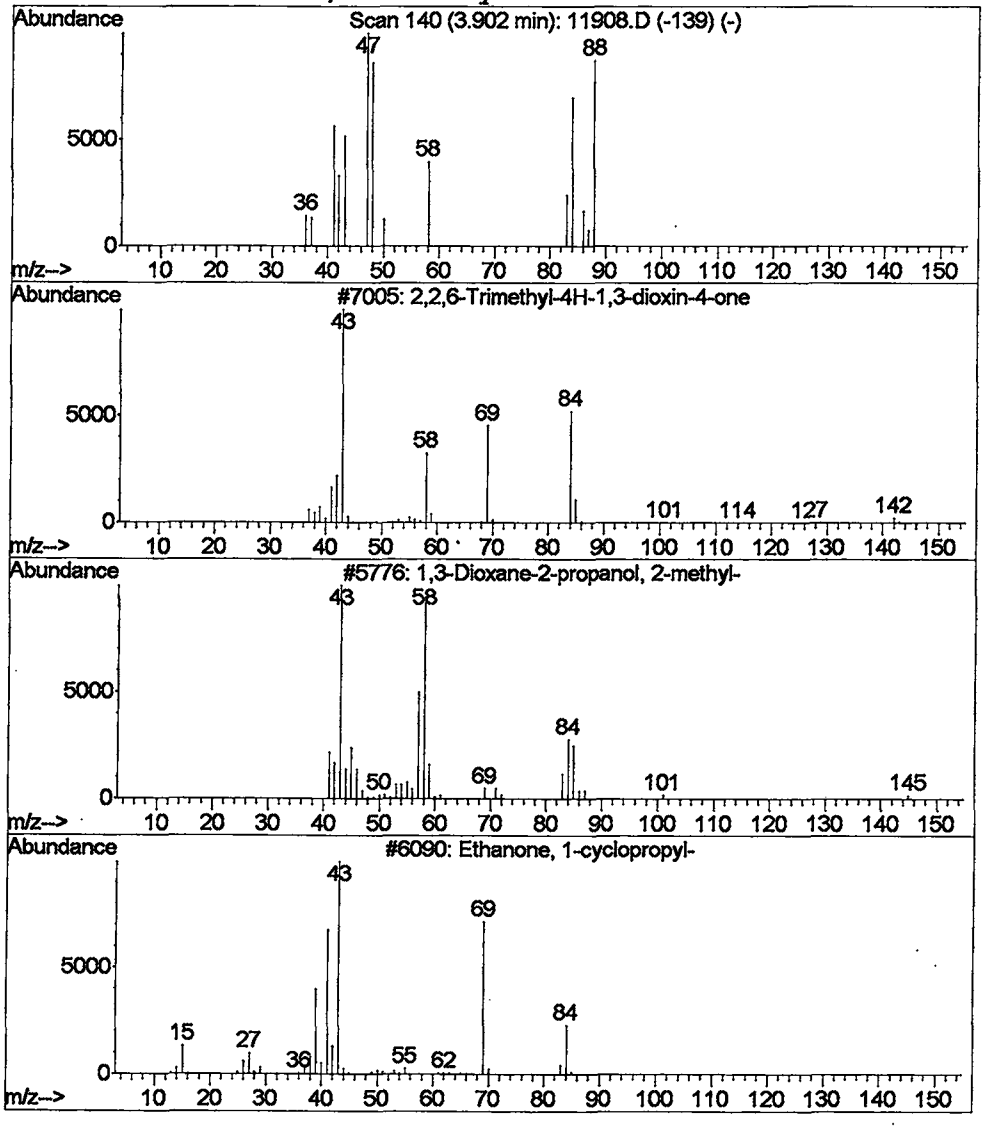
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

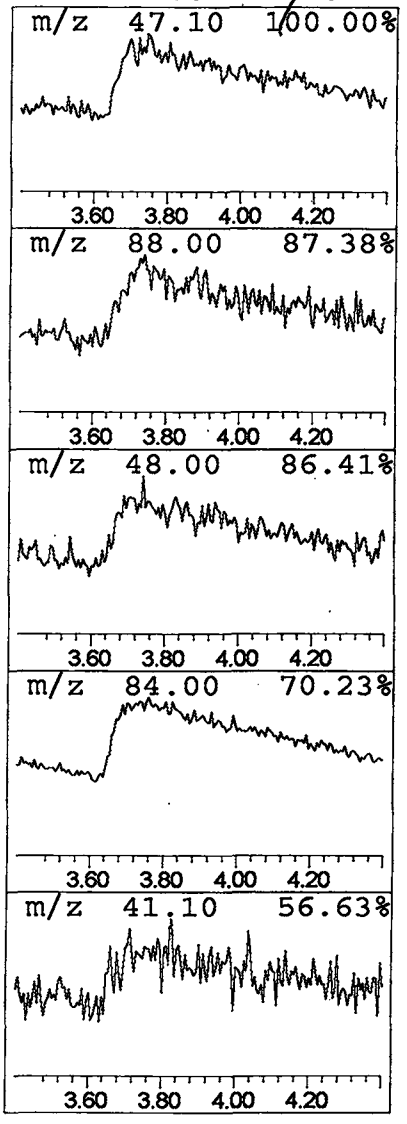
****

Peak Number 7 2,2,6-Trimethyl-4H-1,3-diox... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	1.78 ug/L	1111690	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,6-Trimethyl-4H-1,3-dioxin-4-one	142	C7H10O3	005394-63-8	9
2	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	9
3	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	7
4	3-Buten-2-one, 3-methyl-	84	C5H8O	000814-78-8	7





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

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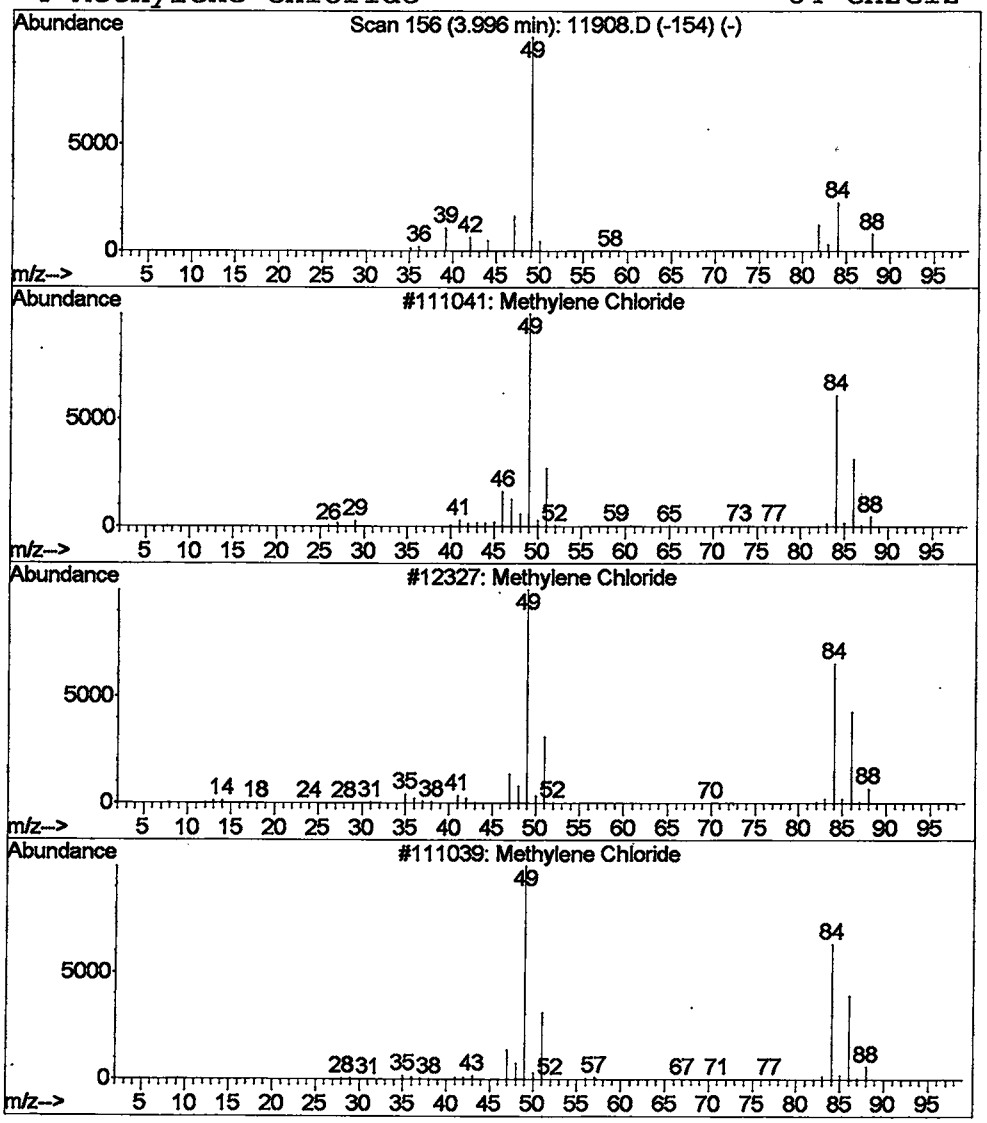
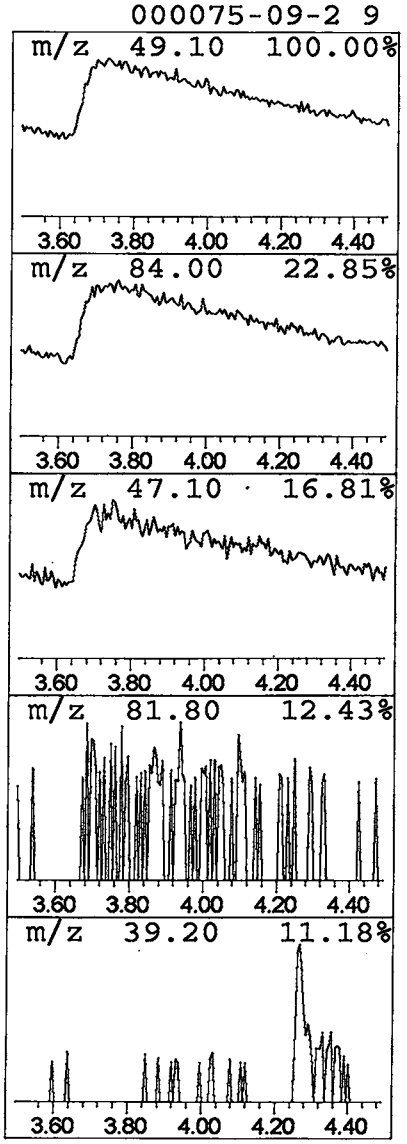
Peak Number 8 Methylene Chloride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	1.21 ug/L	751370	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	90
2	Methylene Chloride	84	CH2Cl2	000075-09-2	83
3	Methylene Chloride	84	CH2Cl2	000075-09-2	43
4	Methylene Chloride	84	CH2Cl2	000075-09-2	9





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

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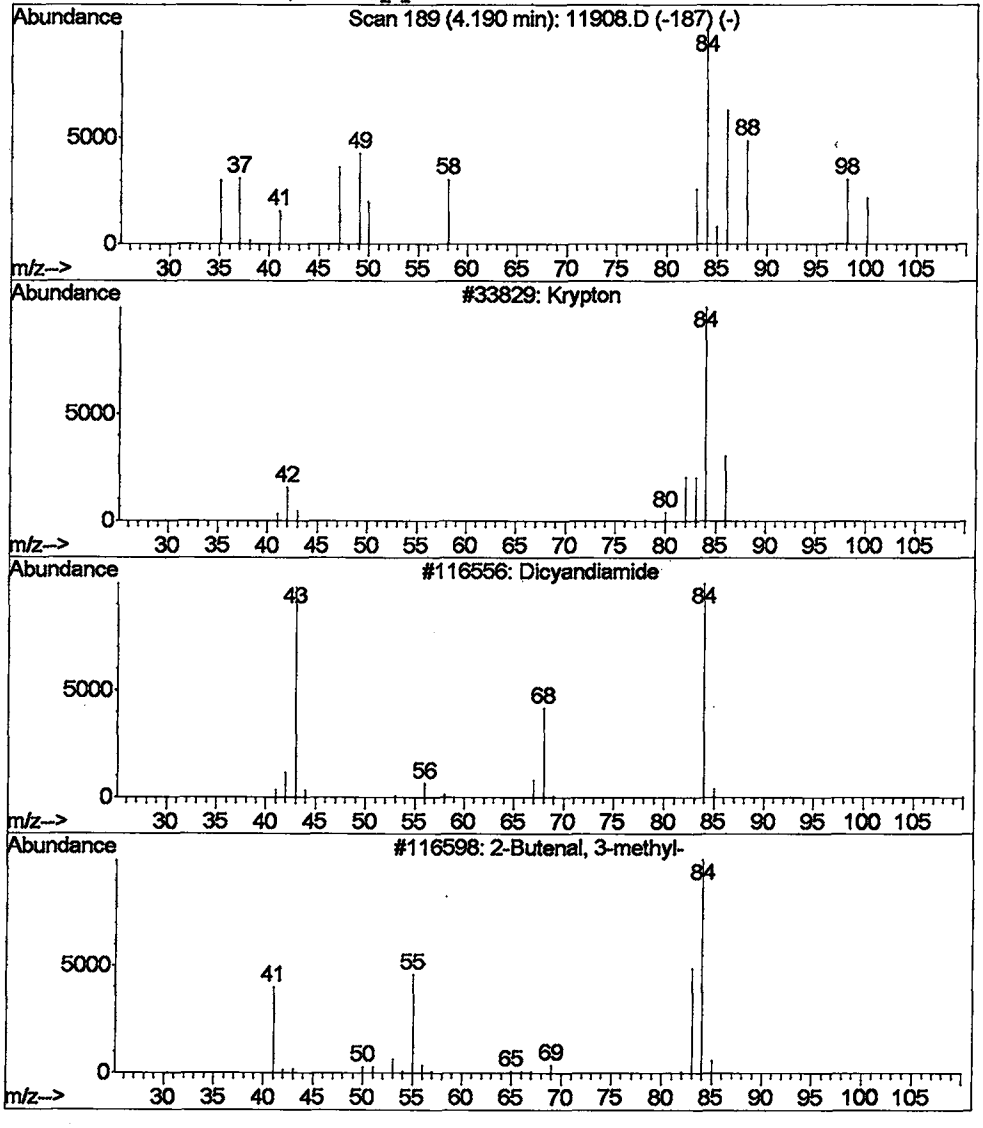
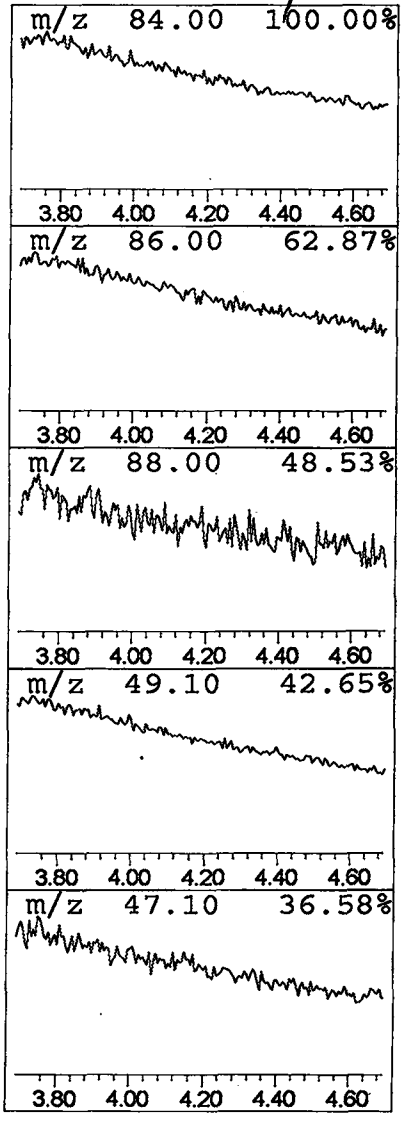
Peak Number 9 Krypton Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.19	0.61 ug/L	380130	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	4
2	Dicyandiamide	84	C2H4N4	000461-58-5	4
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
4	Butan-2-one, 4-[pyrrolidin-2-one...	155	C8H13NO2	1000129-96-1	4





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Library : C:\DATABASE\NIST98.L

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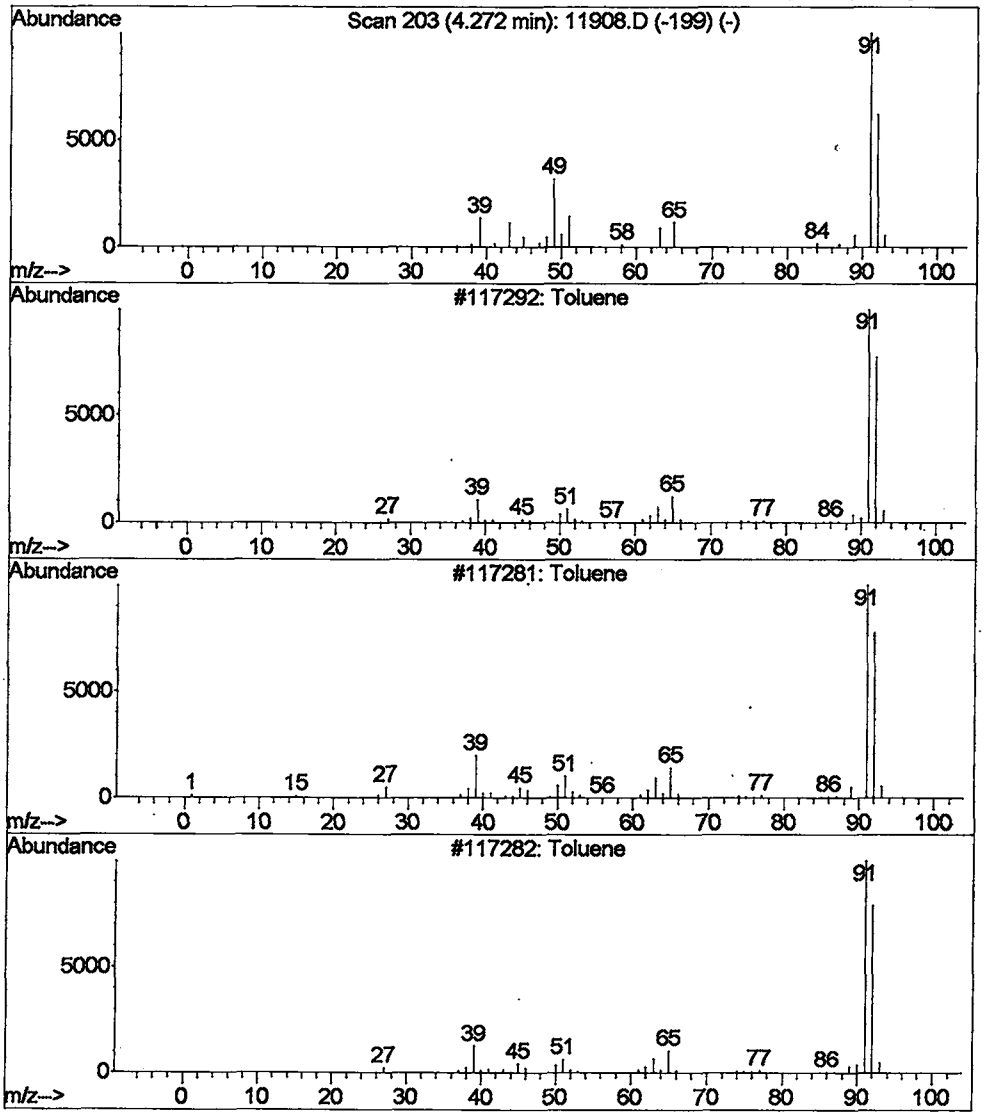
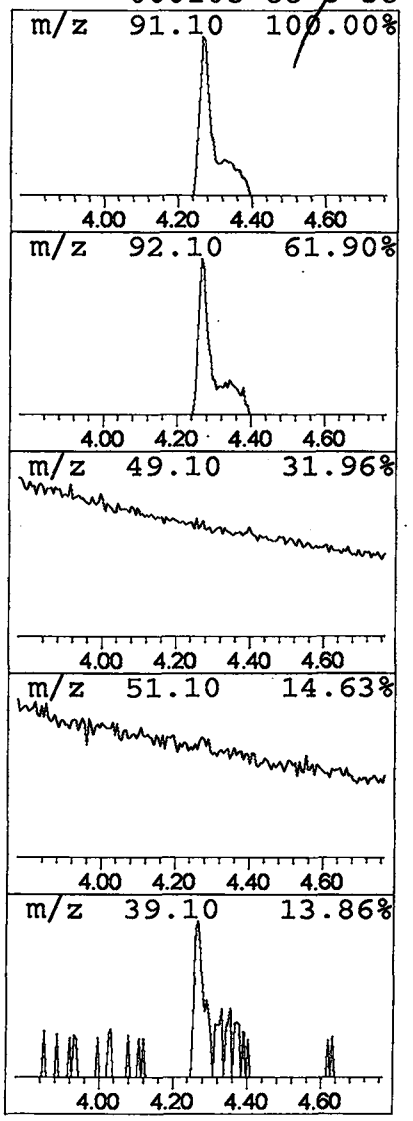
Peak Number 10 Toluene — Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	1.24 ug/L	771358	1,4-Dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	43
2	Toluene	92	C7H8	000108-88-3	43
3	Toluene	92	C7H8	000108-88-3	43
4	Toluene	92	C7H8	000108-88-3	38





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Library : C:\DATABASE\NIST98.L

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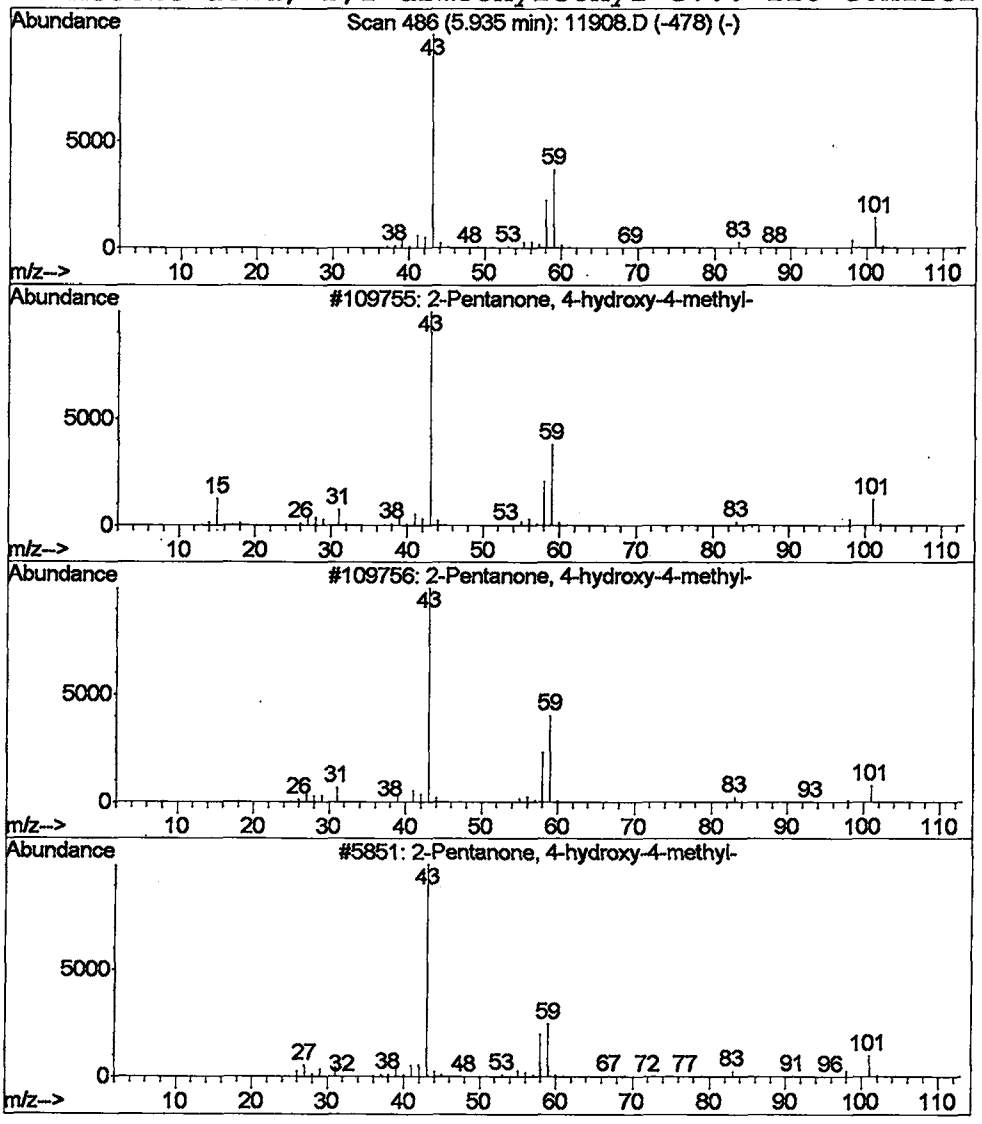
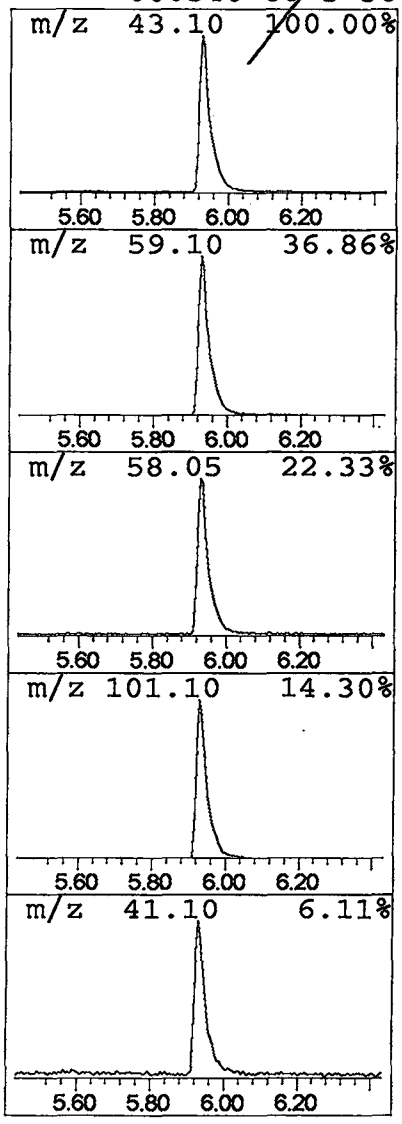
Peak Number 11 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	10.40 ug/L	6484920	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	78
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36





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Title : 508 Modified GC/MS scan
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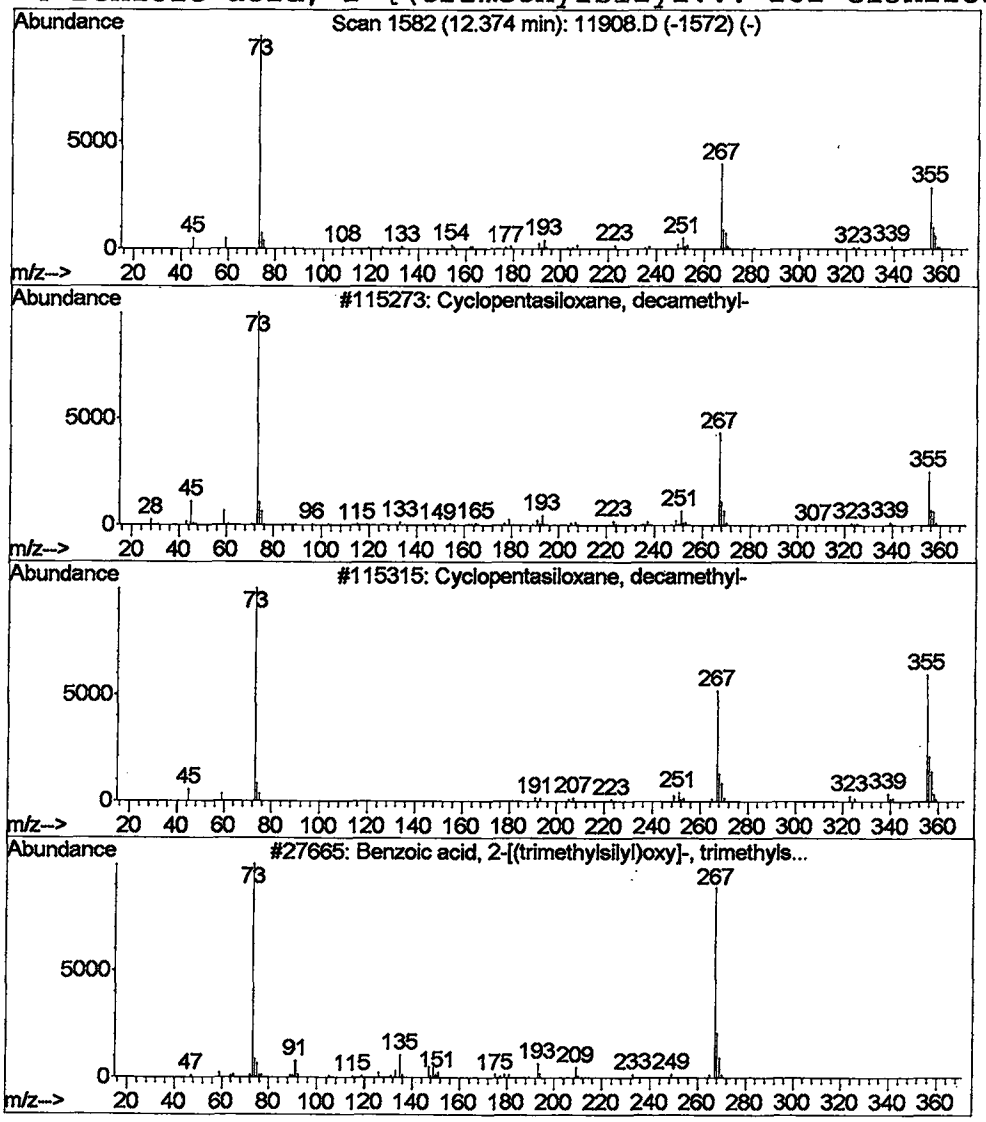
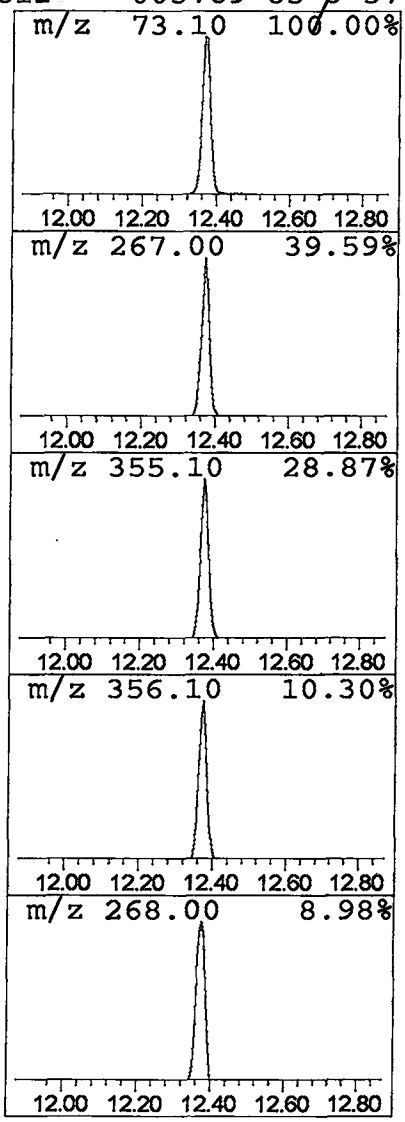
Peak Number 12 Cyclopentasiloxane, decamet... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	1.44 ug/L	1202730	Napthalene-d8	13.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	38
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	37





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Library : C:\DATABASE\NIST98.L

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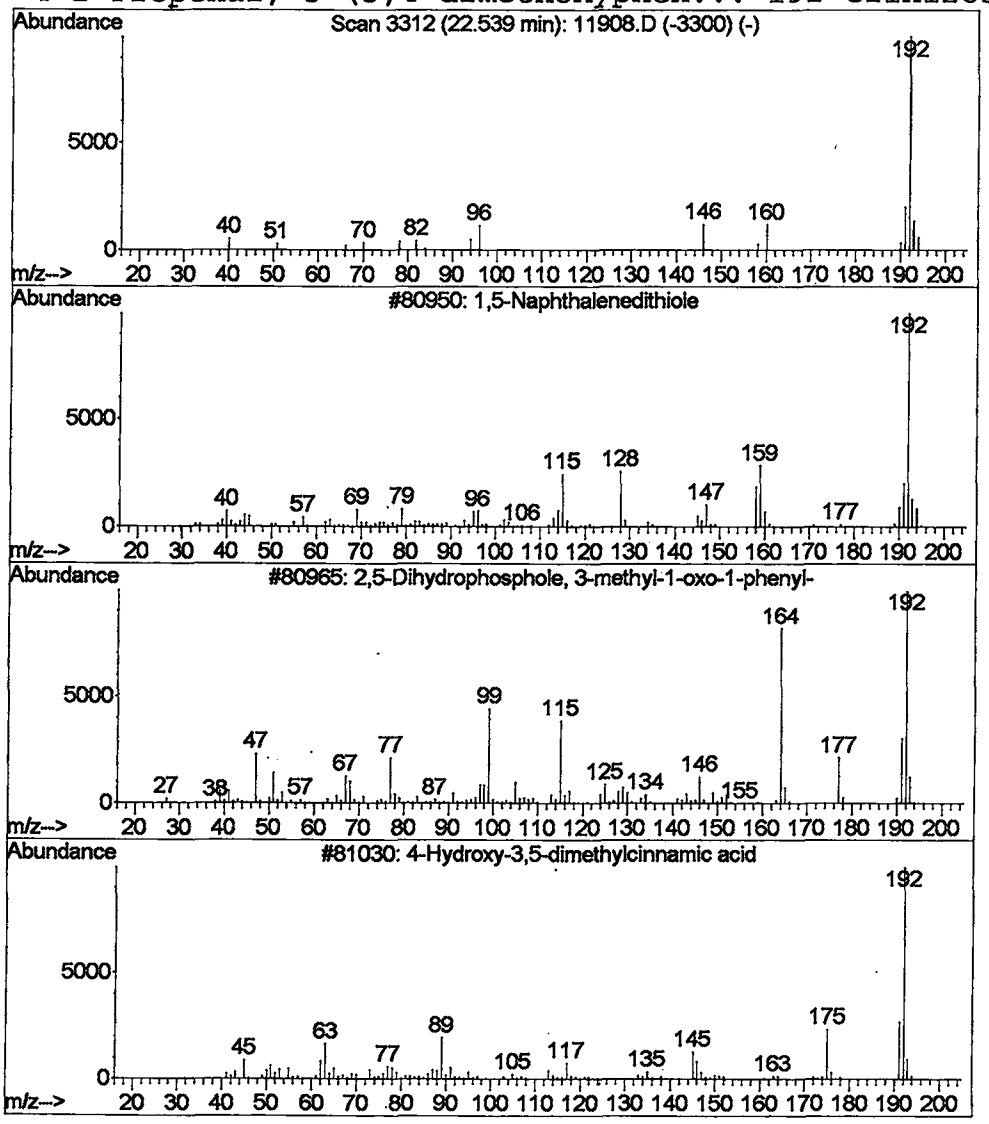
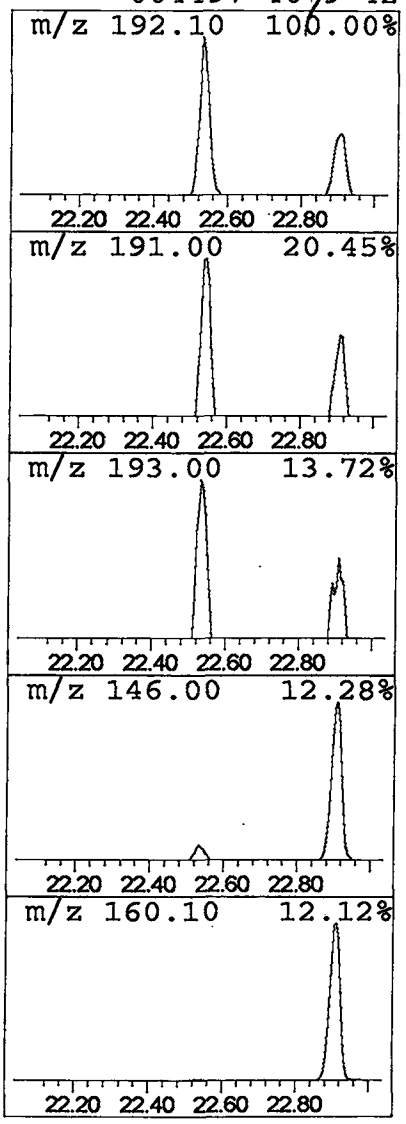
Peak Number 13 1,5-Naphthalenedithiole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.25 ug/L	233616	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	59
2	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
3	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	45
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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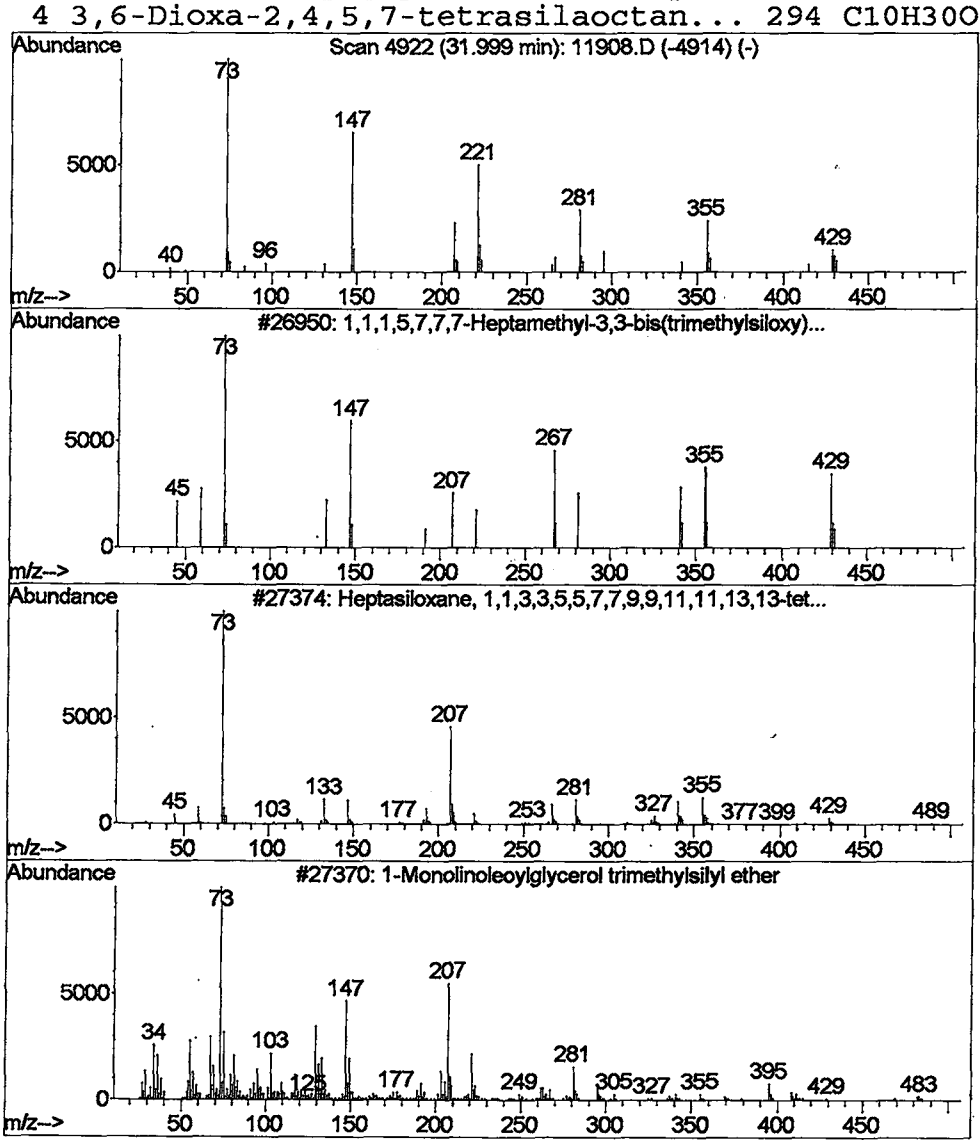
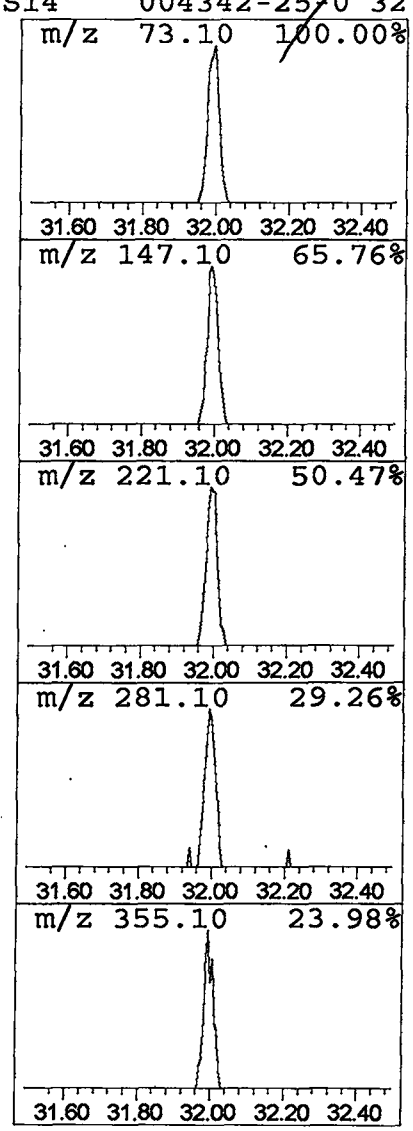
Peak Number 14 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.00	0.66 ug/L	421251	Chrysene-d12	30.76

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	38
2	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	37
3	1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	37
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32





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Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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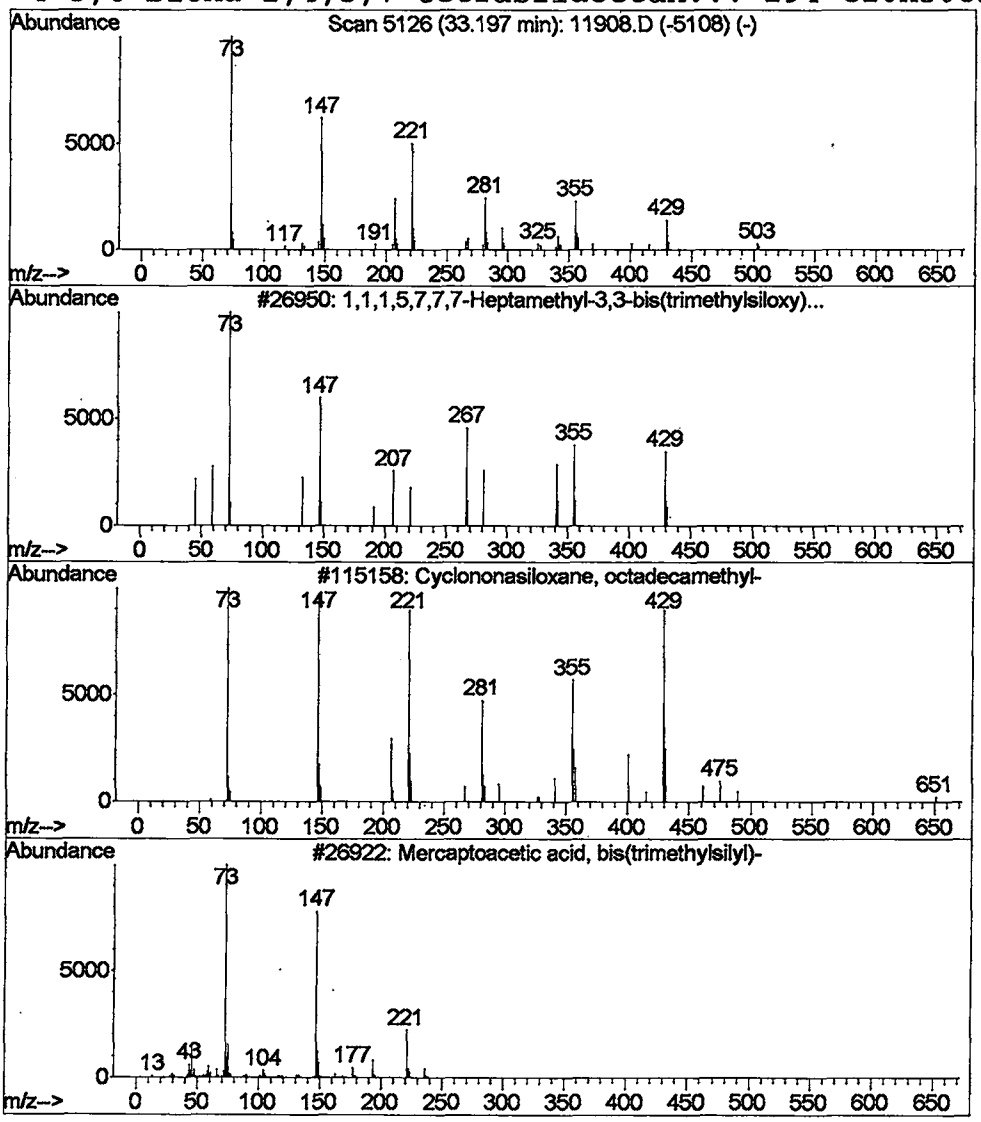
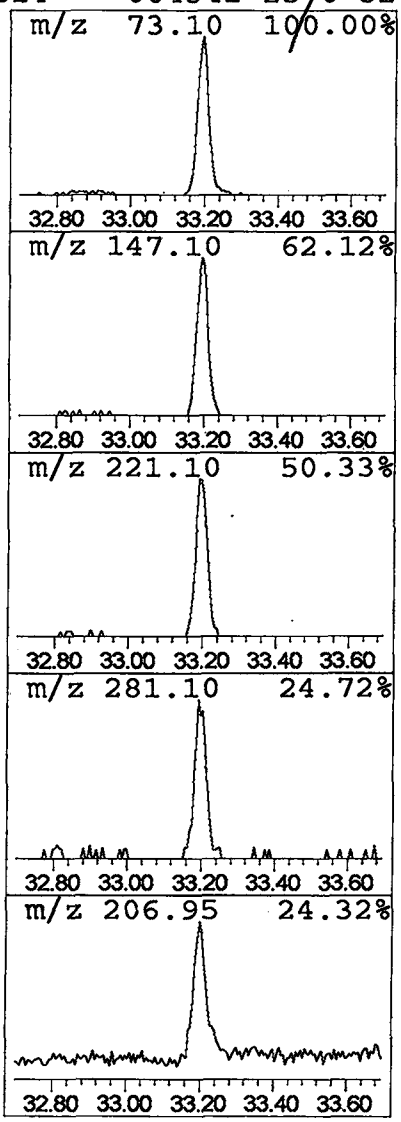
Peak Number 15 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
33.20	2.34 ug/L	962060	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	53
2	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	40
3	Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	38
4	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	32





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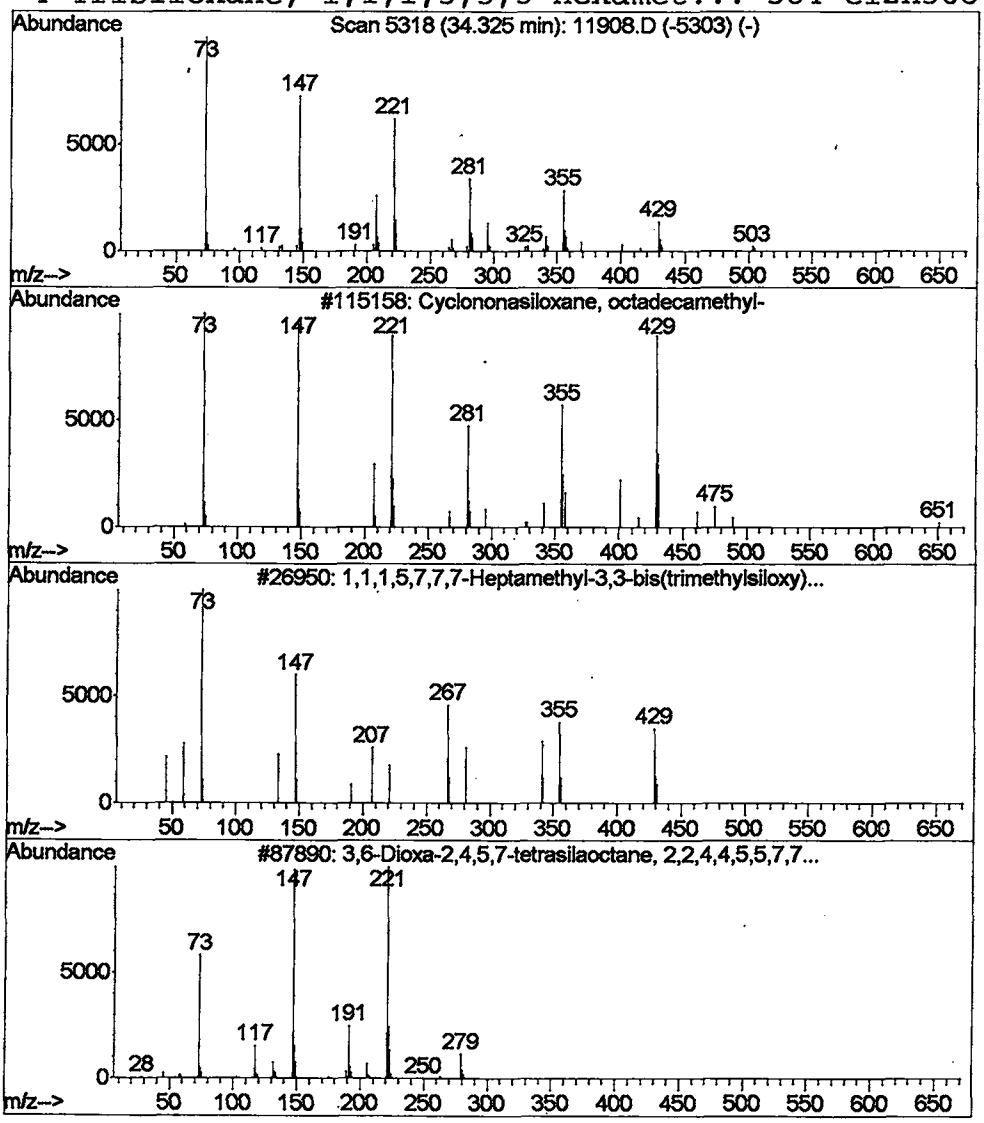
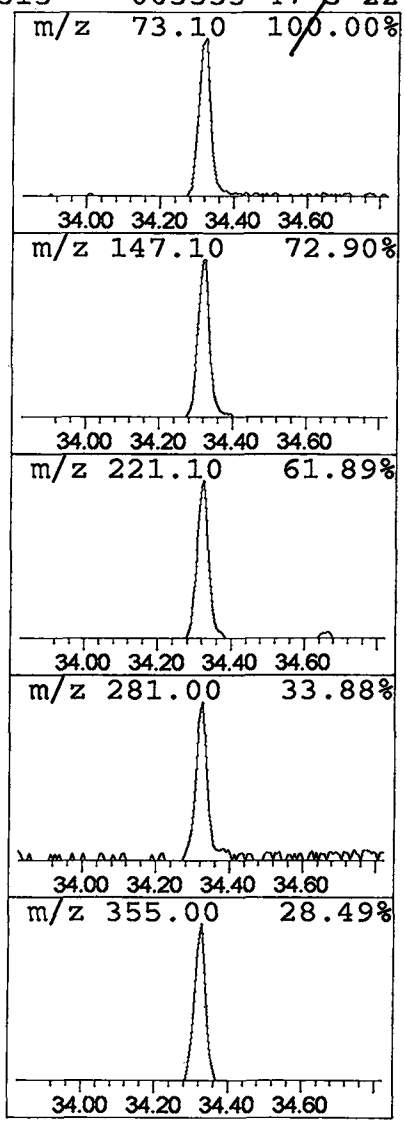
Peak Number 16 Cyclononasiloxane, octadeca... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.32	3.51 ug/L	1440790	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
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	32
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	22





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Title : 508 Modified GC/MS scan
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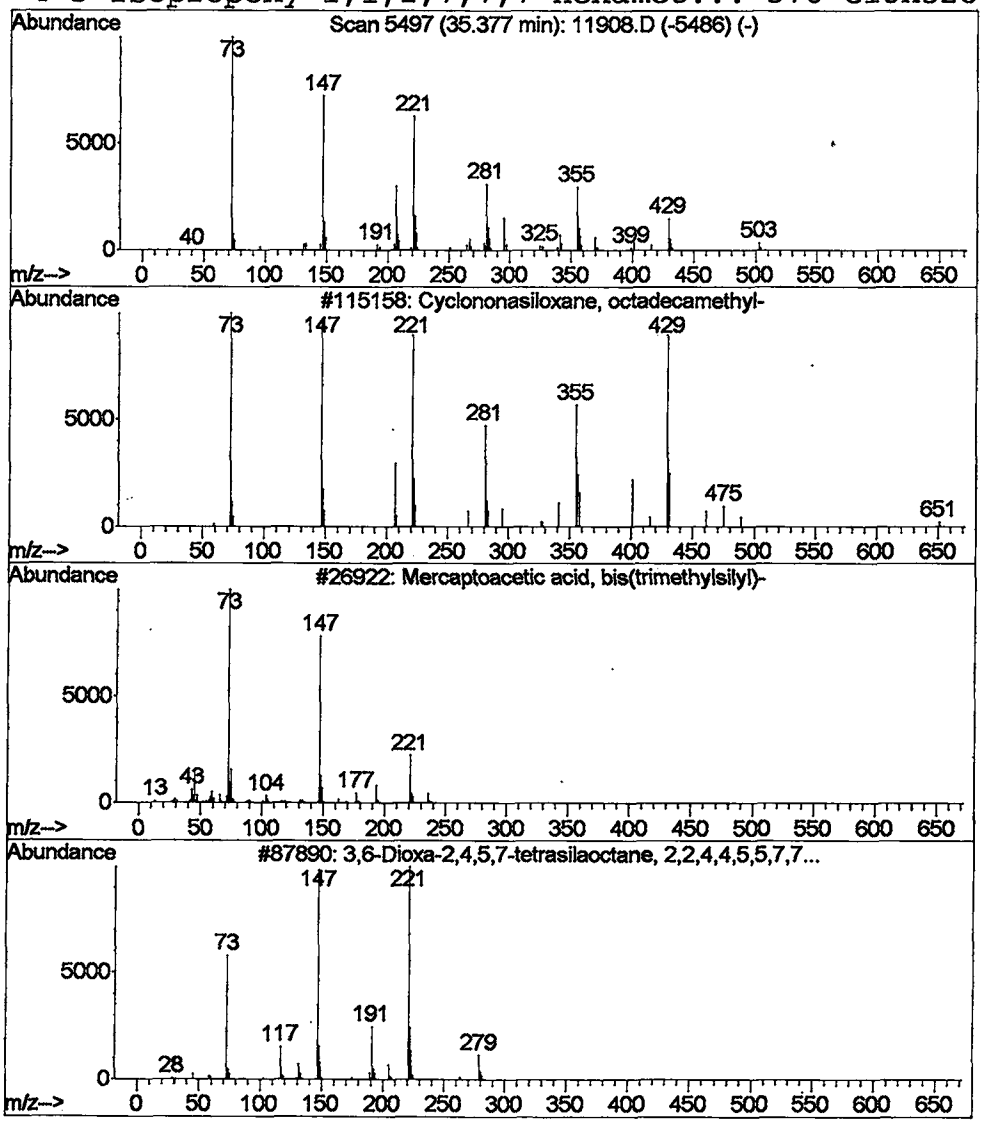
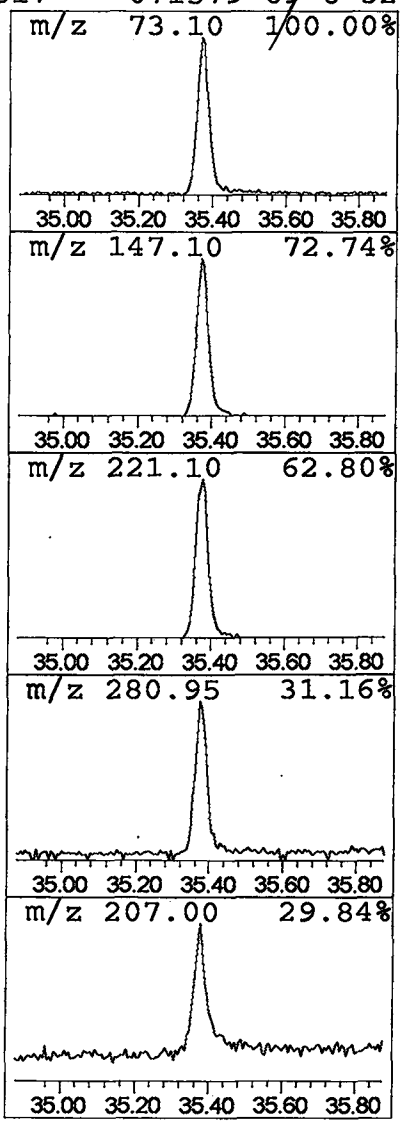
Peak Number 17 Cyclononasiloxane, octadeca... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.38	3.96 ug/L	1626260	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	86
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	3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	32





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

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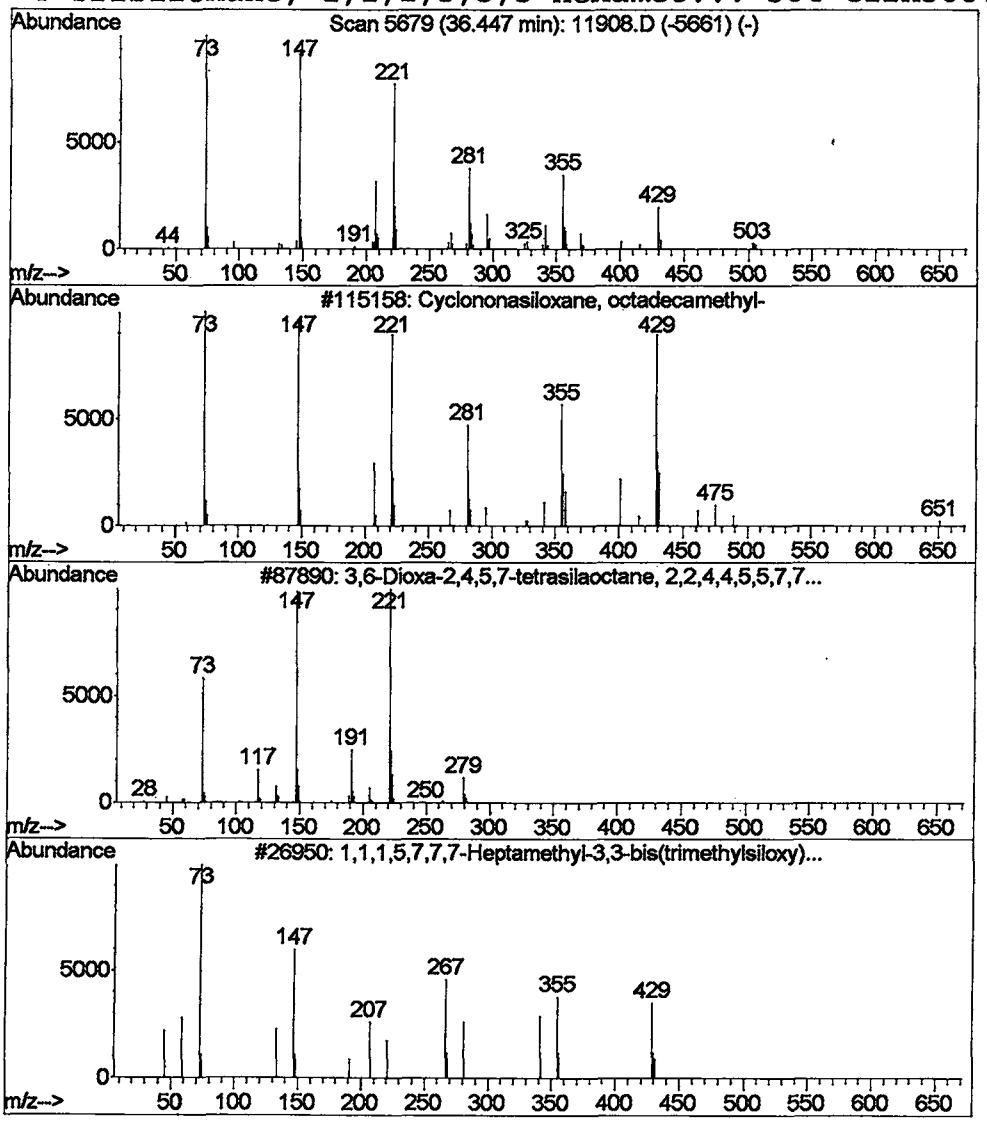
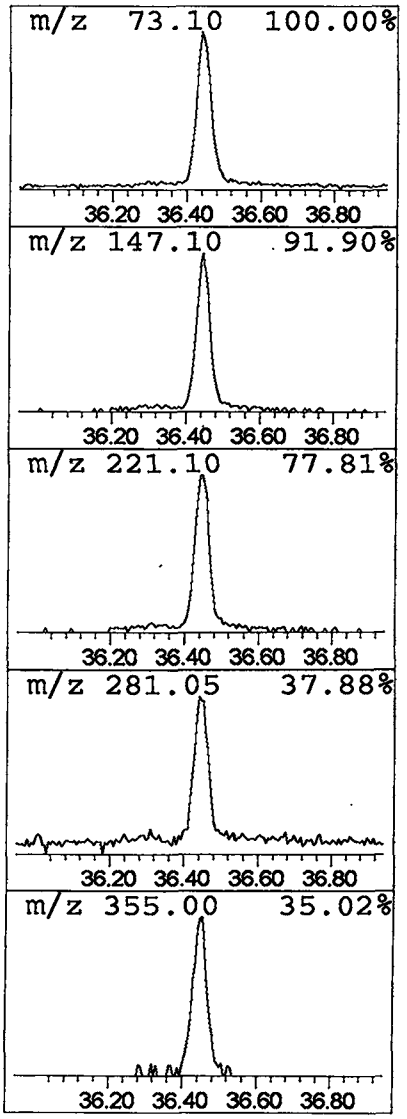
Peak Number 18 Cyclononasiloxane, octadeca... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
36.45	4.01 ug/L	1648480	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	42
3	1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	28
4	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27





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Multiplr: 1.00

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Library : C:\DATABASE\NIST98.L

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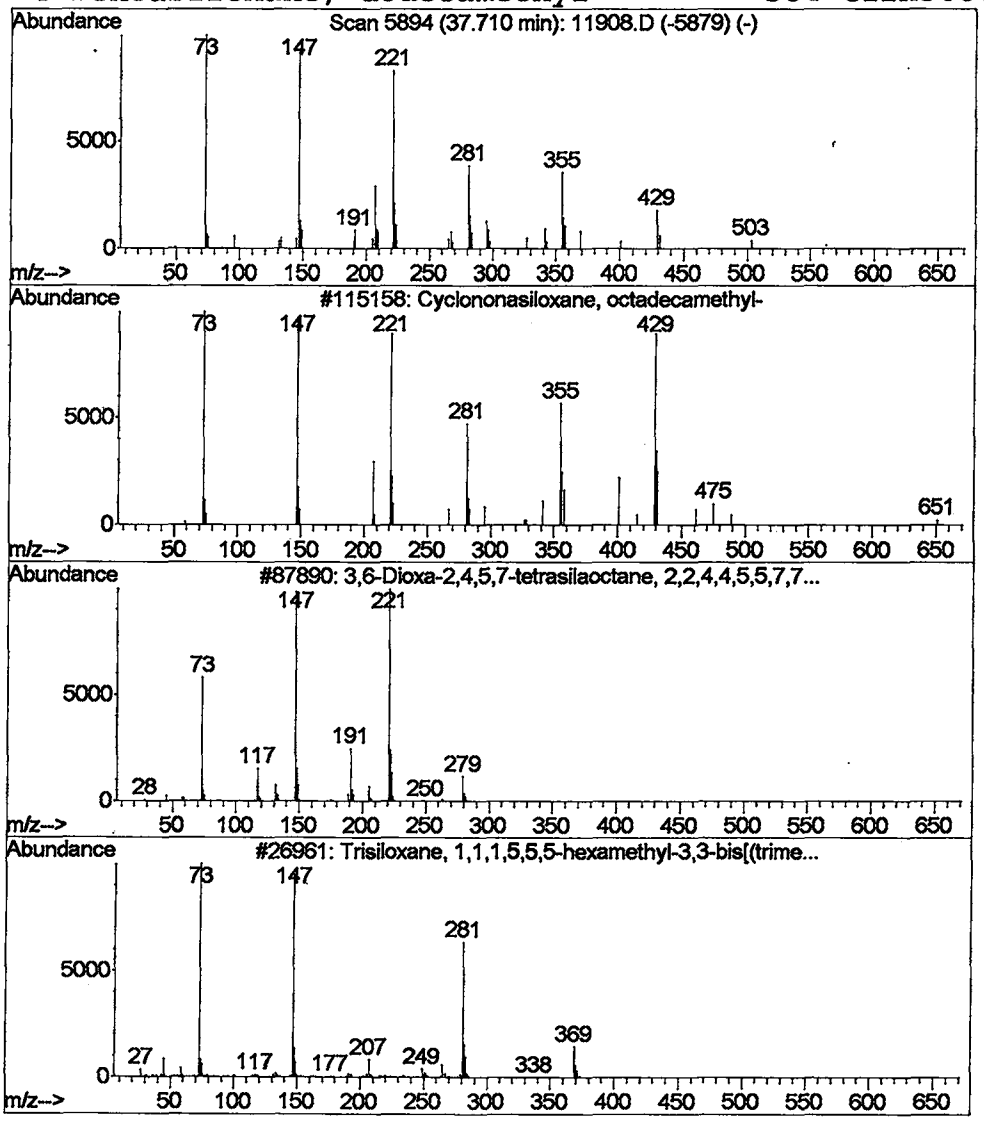
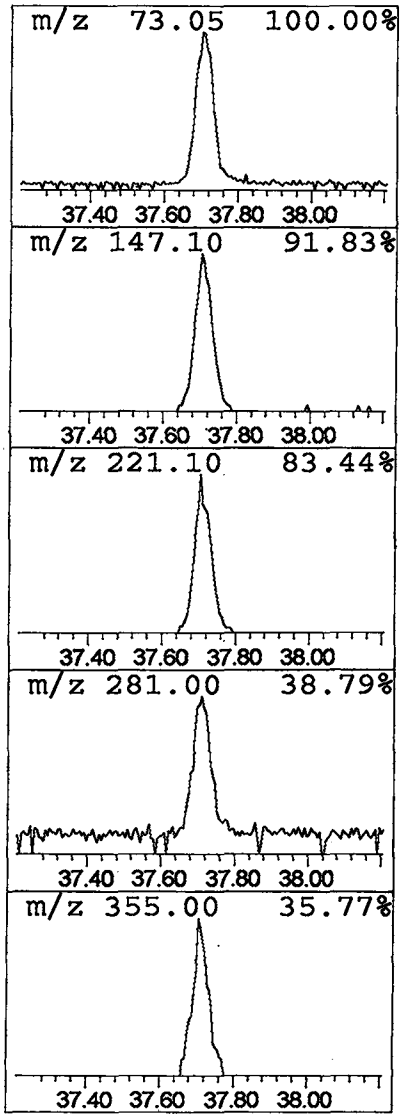
Peak Number 19 Cyclononasiloxane, octadeca... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
37.71	2.56 ug/L	1053280	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	91
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	40
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	35
4	Pentasiloxane, dodecamethyl-	384	C12H36O4Si5	000141-63-9	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\052202\11908.D
Acq On : 23 May 2002 1:14 am
Sample : 5/21 ad
Misc :
MS Integration Params: LSCINT.e

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

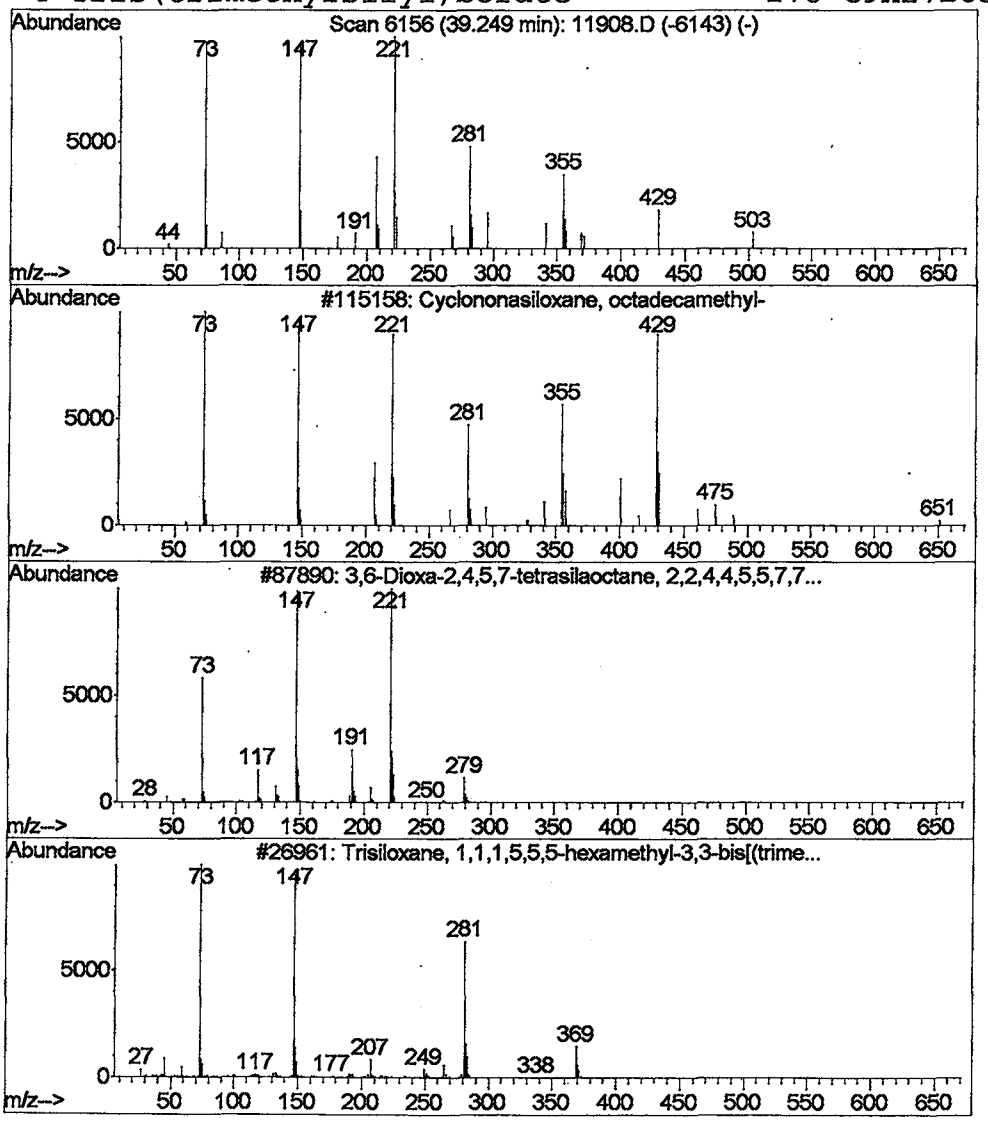
Quant Method : C:\MSDCHEM\1\METHODS\050102.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

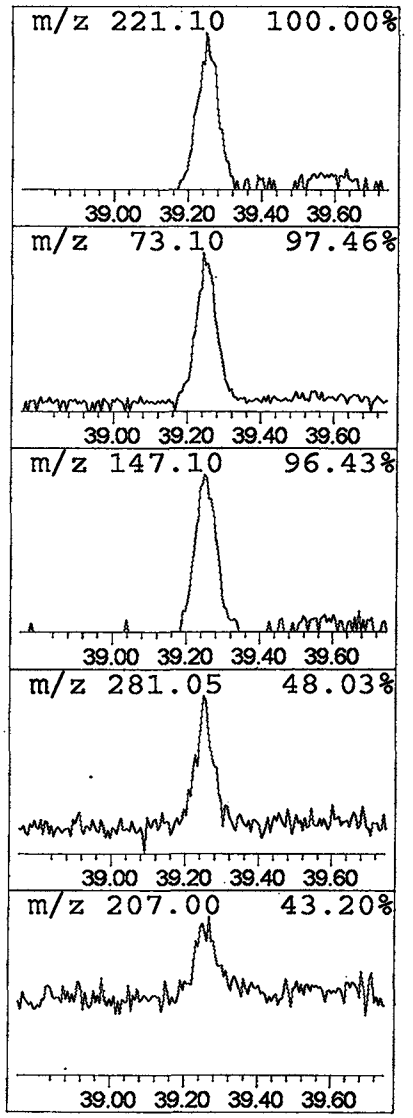
****

Peak Number 20 Cyclononasiloxane, octadeca... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
39.25	1.61 ug/L	661031	Perylene-d12	34.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	83
2	3,6-Dioxa-2,4,5,7-tetrasilaoctan...	294	C10H30O2Si4	004342-25-0	37
3	Trisiloxane, 1,1,1,5,5,5-hexamet...	384	C12H36O4Si5	003555-47-3	27
4	Tris(trimethylsilyl)borate	278	C9H27BO3Si3	004325-85-3	22





Tentatively Identified Compound (LSC) summary

Operator ID: Mclean Date Acquired: 23 May 2002 1:14 am
Data File: C:\MSDCHEM\1\DATA\052202\11908.D
Name: 5/21 ad
Misc:
Method: C:\MSDCHEM\1\METHODS\050102.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	3.71	1.8	ug/L	1152960	1	9.90	24935700	40.0
Methylene Chloride	3.74	1.0	ug/L	630823	1	9.90	24935700	40.0
2-Butenal, 2-methyl-	3.76	0.6	ug/L	397925	1	9.90	24935700	40.0
2-Butenal, 3-methyl-	3.78	0.8	ug/L	508727	1	9.90	24935700	40.0
Oxazolidine, 3-me...	3.81	0.7	ug/L	433518	1	9.90	24935700	40.0
Ethyl Chloride	3.83	2.2	ug/L	1348470	1	9.90	24935700	40.0
2,2,6-Trimethyl-4...	3.90	1.8	ug/L	1111690	1	9.90	24935700	40.0
Methylene Chloride	4.00	1.2	ug/L	751370	1	9.90	24935700	40.0
Krypton	4.19	0.6	ug/L	380130	1	9.90	24935700	40.0
Toluene	4.27	1.2	ug/L	771358	1	9.90	24935700	40.0
2-Pentanone, 4-hy...	5.93	10.4	ug/L	6484920	1	9.90	24935700	40.0
Cyclopentasiloxan...	12.37	1.4	ug/L	1202730	2	13.39	33508900	40.0
1,5-Naphthalenedi...	22.54	0.3	ug/L	233616	4	22.91	36901200	40.0
1,1,1,5,7,7,7-Hep...	32.00	0.7	ug/L	421251	5	30.76	25446300	40.0
1,1,1,5,7,7,7-Hep...	33.20	2.3	ug/L	962060	6	34.66	16440500	40.0
Cyclononasiloxane...	34.32	3.5	ug/L	1440790	6	34.66	16440500	40.0
Cyclononasiloxane...	35.38	4.0	ug/L	1626260	6	34.66	16440500	40.0
Cyclononasiloxane...	36.45	4.0	ug/L	1648480	6	34.66	16440500	40.0
Cyclononasiloxane...	37.71	2.6	ug/L	1053280	6	34.66	16440500	40.0
Cyclononasiloxane...	39.25	1.6	ug/L	661031	6	34.66	16440500	40.0