User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/11/2002 Time: 11:48:13

Sample: AE12283
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/11/02 11:47 Ended: 6/11/02 11:47 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Comments for Sample AE12283 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-11-2002 Time: 11:48:37

The GCMS scan, 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 2 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 08:21:30 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 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	5290736	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	21020845	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	11426740	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	17416963	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	11708031	40.00	ug/L	0.00
43) Perylene-d12	34.66	264	5986218	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2462230	30.03	ug/L	0.00
Spiked Amount 40.000			Recovery = 75.08%			
Target Compounds						Qvalue
2) n-nitros-dimethyl amine	0.00	74	0	N.D.	d	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'oxybis(1-Chloropropane	0.00	45	0	N.D.		
8) N-nitroso-di-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Napthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) 2-Chloronaphthalene	0.00	162	0	N.D.		
19) Dimethylphthalate	0.00	163	0	N.D.		
20) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
21) Acenapthylene	0.00	152	0	N.D.		
22) Acenapthalene	0.00	153	0	N.D.		
23) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
24) Diethylphthalate	0.00	149	0	N.D.		
25) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
26) Fluorene	0.00	166	0	N.D.		
28) Azobenzene	20.50	77	39820	N.D.		
30) Nnitrosodiphenylamine	0.00	169	0	N.D.	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)

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 08:21:30 2002 Quant Results File: 060302.RES

Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

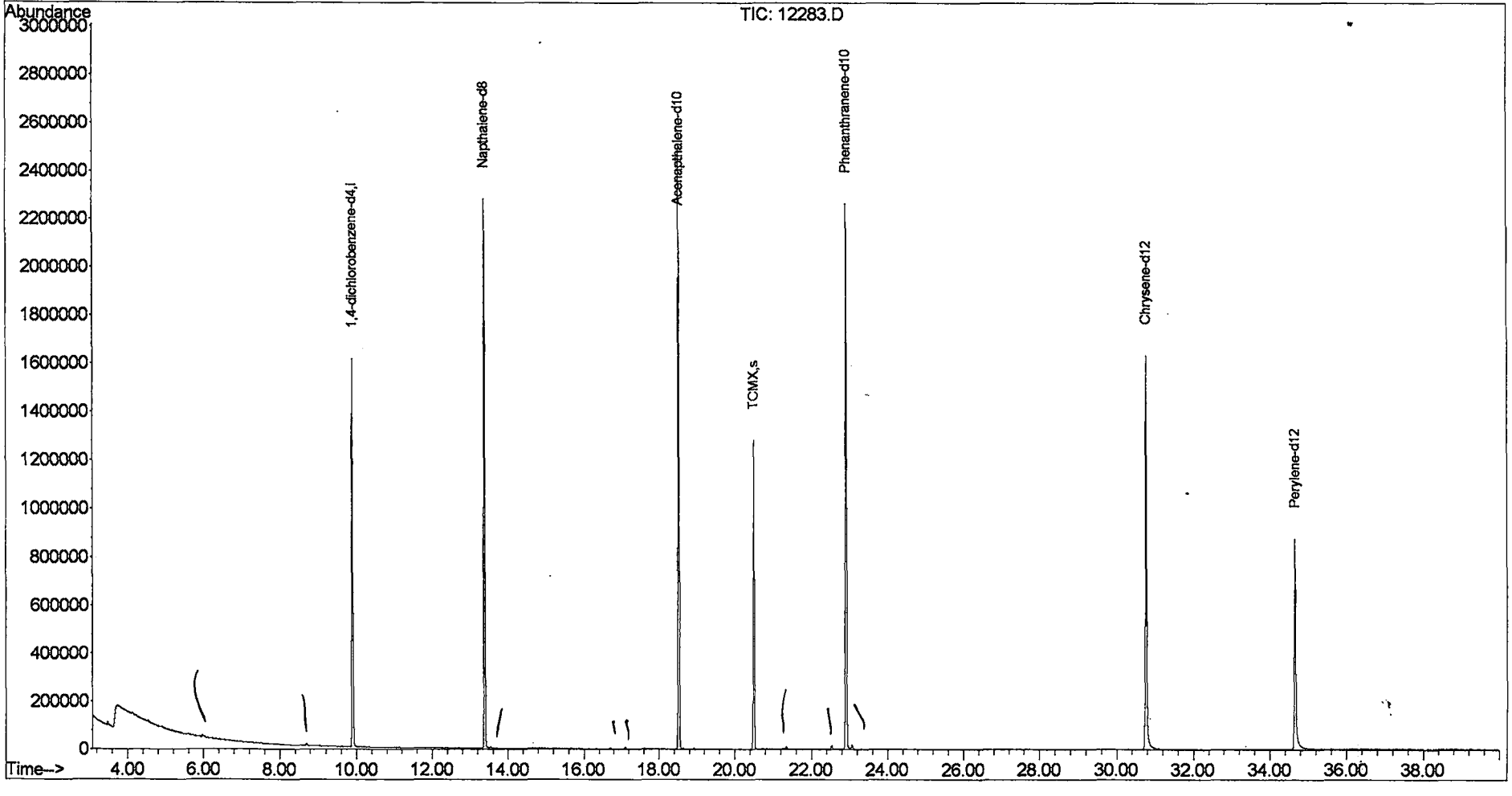
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	30.76	228	28620	N.D.	
41) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42) Chrysene	0.00	228	0	N.D.	
44) Di-n-octylphthalate	0.00	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\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 11 8:22 2002 Quant Results File: 060302.RES

Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Mon Jun 10 11:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 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

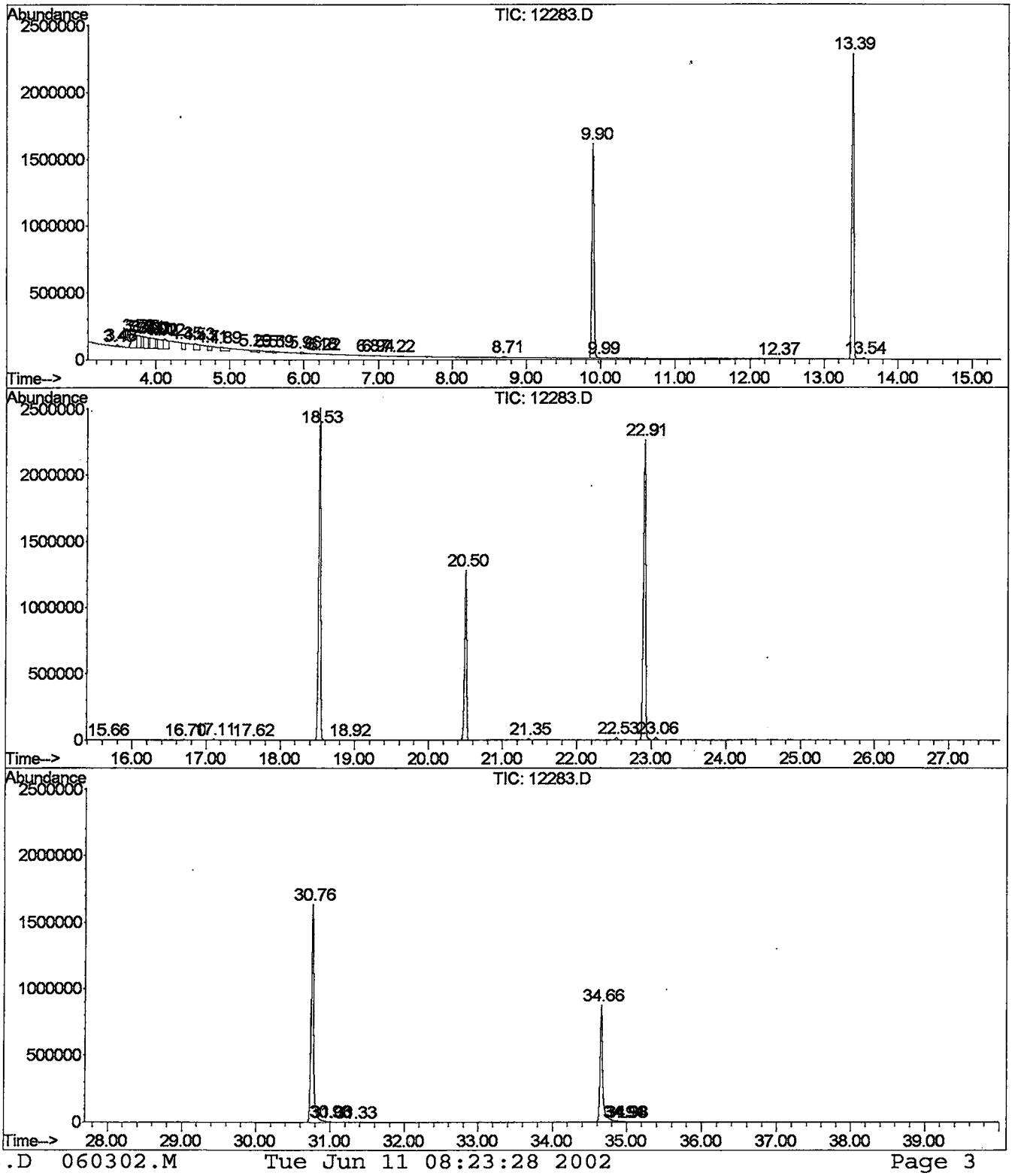
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.449	61	63	65	PV 3	3979	25086	0.05%	0.009%
2	3.479	65	68	76	PV 3	14696	277894	0.59%	0.097%
3	3.720	94	109	113	PV 2	93655	4144241	8.73%	1.445%
4	3.755	113	115	123	VV 5	92663	3138977	6.62%	1.095%
5	3.808	123	124	128	VV 3	87892	1486983	3.13%	0.519%
6	3.837	128	129	139	VV 6	85284	3186601	6.72%	1.111%
7	3.902	139	140	142	VV 2	79898	995708	2.10%	0.347%
8	3.919	142	143	155	VV 6	78547	3483561	7.34%	1.215%
9	4.002	155	157	160	VV 3	71332	1055177	2.22%	0.368%
10	4.025	160	161	173	VV 4	69978	3147312	6.63%	1.098%
11	4.119	173	177	187	VV 5	70389	3171786	6.68%	1.106%
12	4.354	216	217	225	VV 5	49412	1525657	3.22%	0.532%
13	4.530	243	247	258	VV 5	45347	2167499	4.57%	0.756%
14	4.707	275	277	286	VV 5	31868	1106596	2.33%	0.386%
15	4.895	305	309	326	VV 8	28153	1745516	3.68%	0.609%
16	5.288	375	376	395	VV 8	13239	807365	1.70%	0.282%
17	5.506	409	413	423	VV 9	8874	354553	0.75%	0.124%
18	5.594	423	428	433	VV 4	10289	287641	0.61%	0.100%
19	5.964	487	491	507	VV 5	10904	394488	0.83%	0.138%
20	6.176	526	527	532	VV 5	2336	30315	0.06%	0.011%
21	6.217	532	534	547	VV 7	2631	54803	0.12%	0.019%
22	6.869	644	645	651	VV 6	2707	33962	0.07%	0.012%
23	6.939	651	657	659	PV 6	2167	48770	0.10%	0.017%
24	7.221	701	705	721	PV 7	2129	61653	0.13%	0.022%
25	8.708	952	958	973	VV 5	8381	195130	0.41%	0.068%
26	9.895	1151	1160	1175	PV	1598495	31792808	67.00%	11.089%
27	9.989	1175	1176	1181	VV 3	3189	50058	0.11%	0.017%
28	12.368	1572	1581	1586	PV 4	2130	54213	0.11%	0.019%
29	13.391	1740	1755	1776	PV	2275750	42810873	90.22%	14.932%
30	13.543	1776	1781	1788	VV	7059	119963	0.25%	0.042%
31	15.665	2136	2142	2150	PV 6	1643	30158	0.06%	0.011%
32	16.705	2314	2319	2327	VV 3	3755	67916	0.14%	0.024%
33	17.104	2375	2387	2393	PV 4	8176	134486	0.28%	0.047%
34	17.615	2459	2474	2480	VV 6	3029	72435	0.15%	0.025%
35	18.526	2617	2629	2652	PV	2453660	46992803	99.04%	16.390%
36	18.920	2685	2696	2701	PV 5	1589	32398	0.07%	0.011%
37	20.500	2947	2965	2980	BV	1256931	24492930	51.62%	8.543%

38	21.352	3103	3110	3118	VV	3	10642	178150	0.38%	0.062%
39	22.533	3291	3311	3320	PV		16252	325946	0.69%	0.114%
40	22.909	3361	3375	3394	PV	2	2241120	47449589	100.00%	16.550%
41	23.062	3394	3401	3419	VV		18025	410758	0.87%	0.143%
42	30.759	4699	4711	4747	PV	2	1617217	36476171	76.87%	12.722%
43	30.982	4747	4749	4751	VV	3	5808	59791	0.13%	0.021%
44	31.000	4751	4752	4756	VV	3	4571	80088	0.17%	0.028%
45	31.329	4802	4808	4817	PV	7	1573	34774	0.07%	0.012%
46	34.654	5356	5374	5420	PV		863596	22045308	46.46%	7.689%
47	34.936	5420	5422	5425	VV	4	2847	42186	0.09%	0.015%
48	34.960	5425	5426	5429	VV	3	1745	15461	0.03%	0.005%
49	34.983	5429	5430	5435	VV	4	1290	15489	0.03%	0.005%

Sum of corrected areas: 286712025

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\0610022\12283.D
Operator :
Acquired : 10 Jun 2002 7:10 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: gc/ms scan 6/7
Misc Info :
Vial Number: 11
Quant File :060302.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

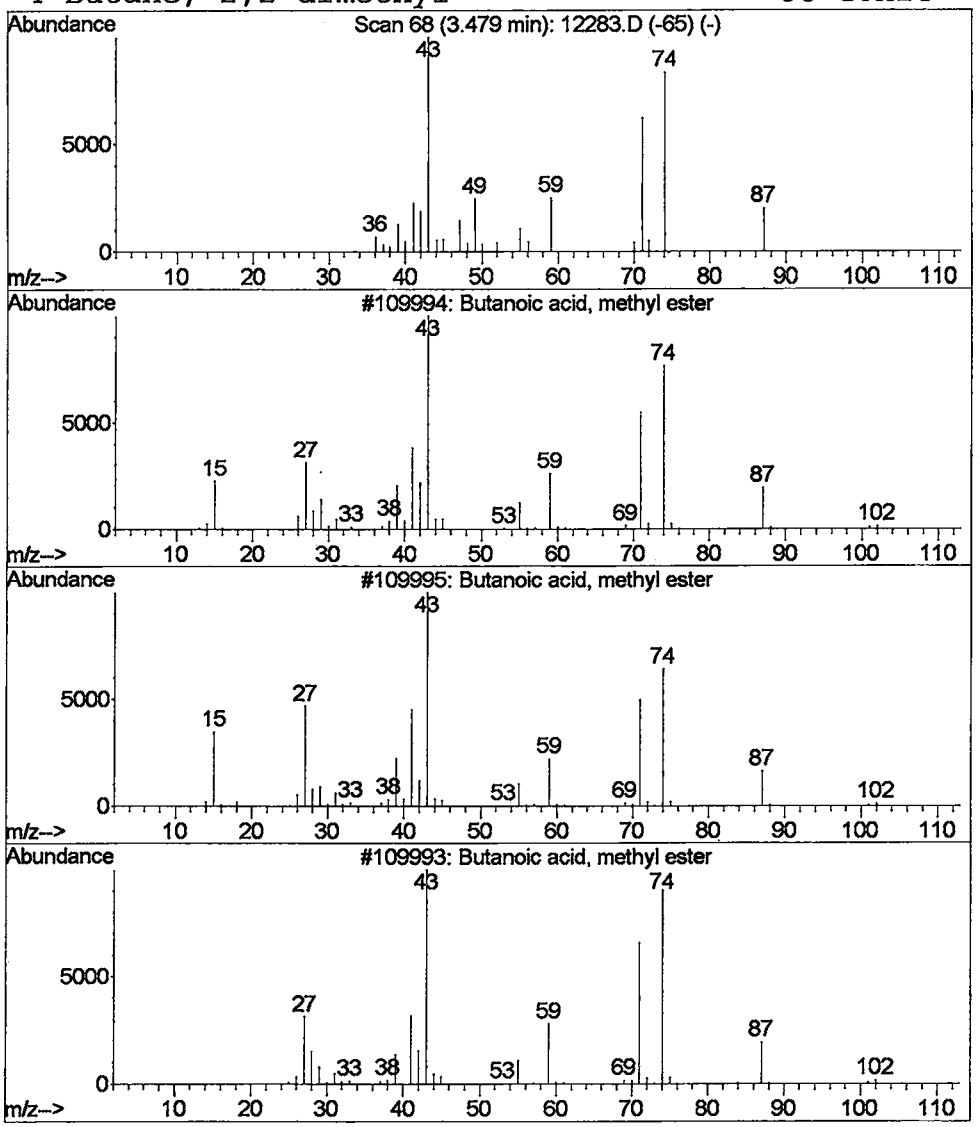
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

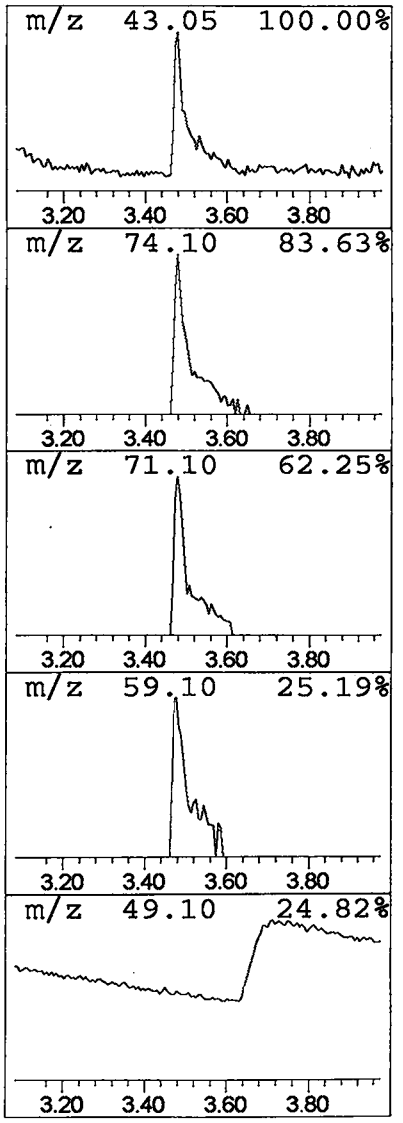
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.35 ug/L	277894	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	50
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

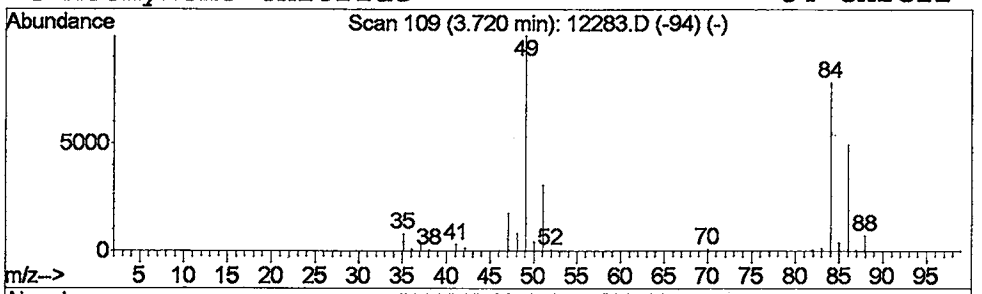
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

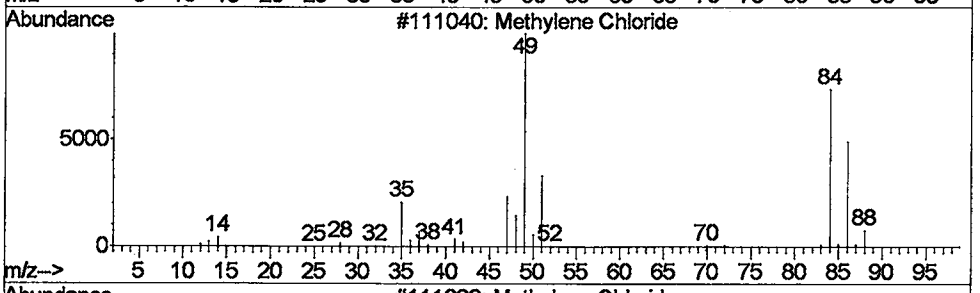
****

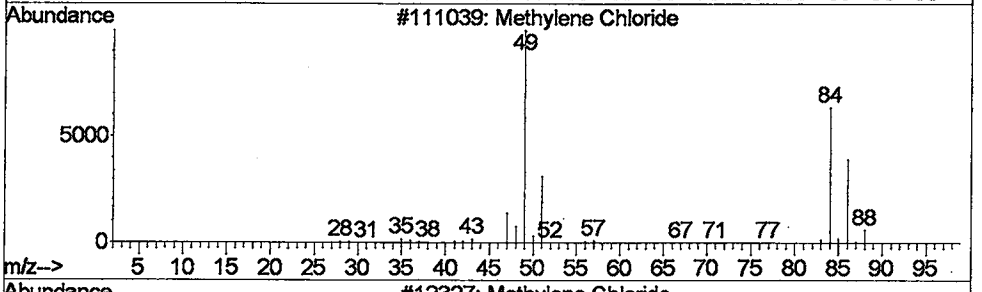
Peak Number 2 Methylene Chloride Concentration Rank 1

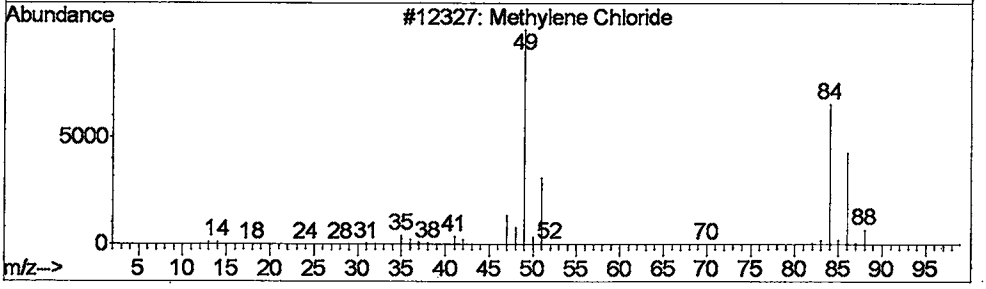
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.72	5.21 ug/L	4144240	1,4-dichlorobenzene-d4	9.90

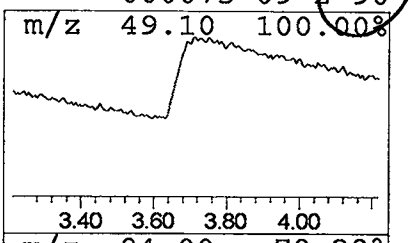
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	91
2	Methylene Chloride	84	CH2Cl2	000075-09-2	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	91
4	Methylene Chloride	84	CH2Cl2	000075-09-2	90

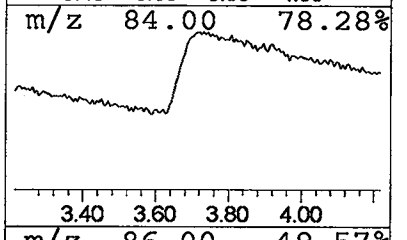


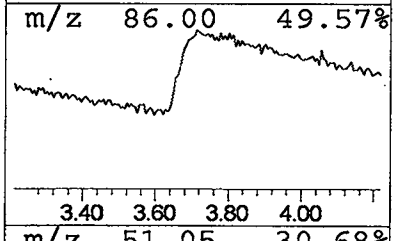


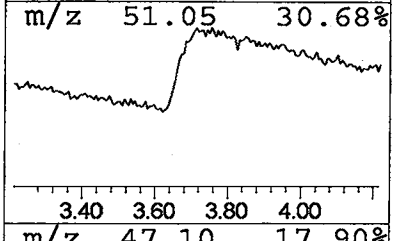


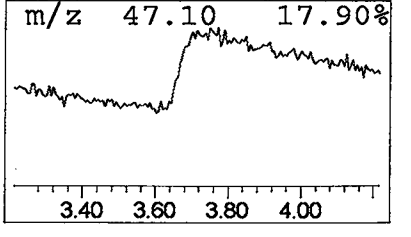












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

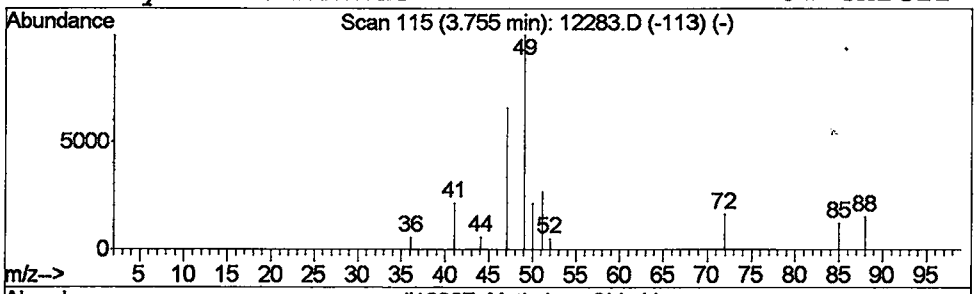
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

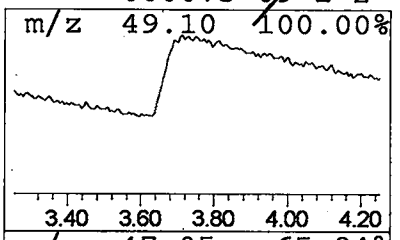
****

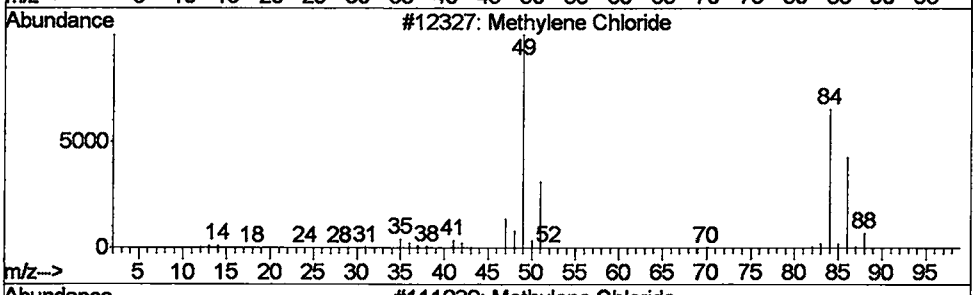
Peak Number 3 Methylene Chloride Concentration Rank 6

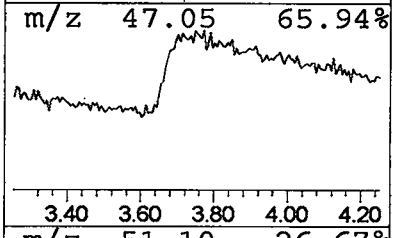
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.75	3.95 ug/L	3138980	1,4-dichlorobenzene-d4	9.90

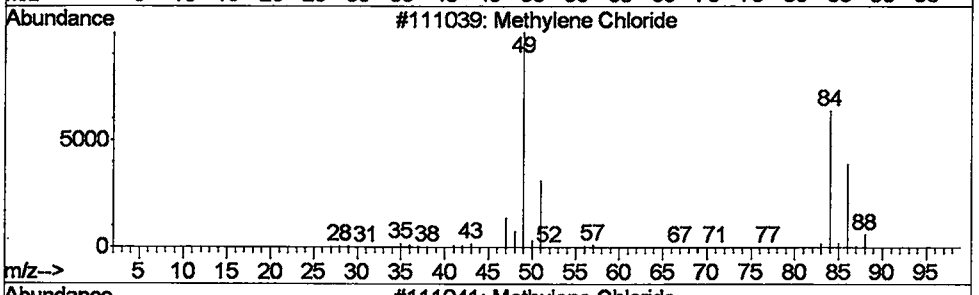
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	2
2	Methylene Chloride	84	CH2Cl2	000075-09-2	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2

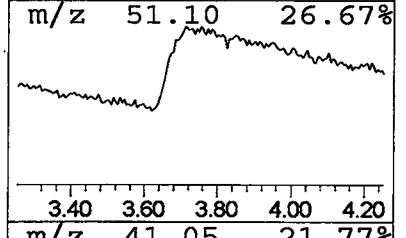


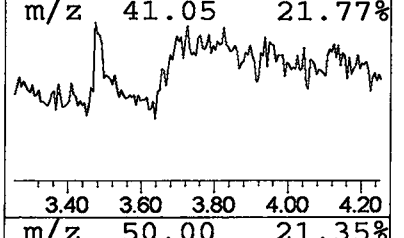


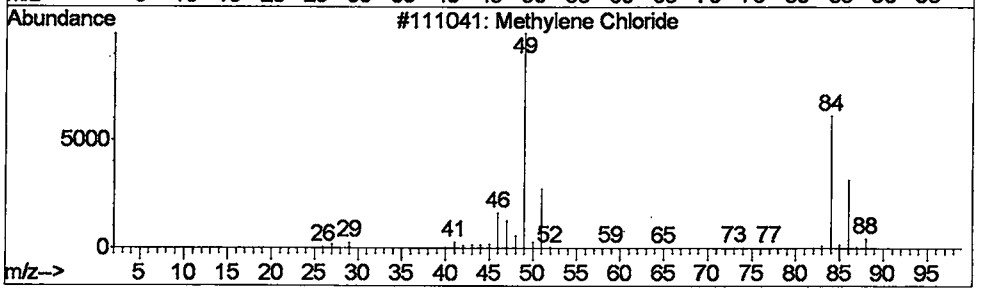


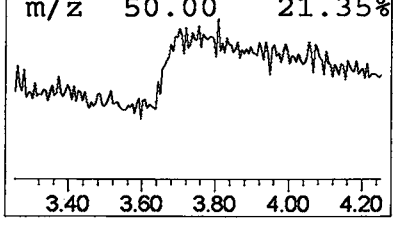












Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
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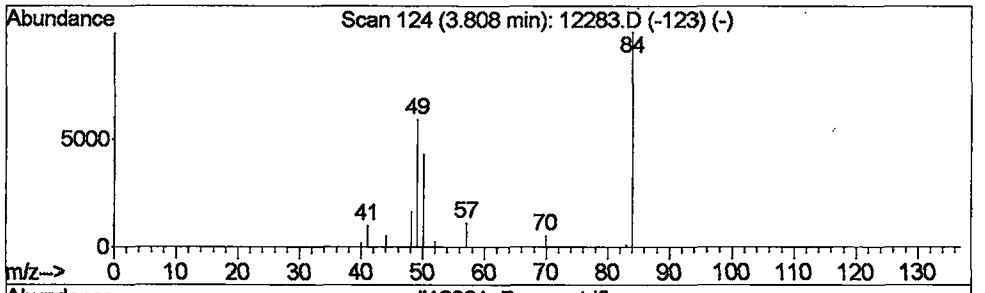
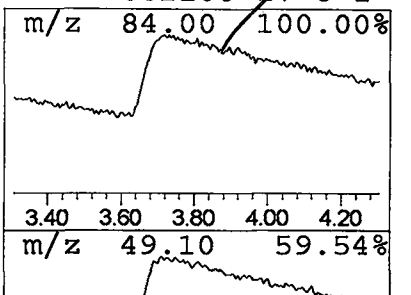
Peak Number 4 Borane, trifluoro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.81	1.87 ug/L	1486980	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Borane, trifluoro-	68	BF3	007637-07-2	2
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	2
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
4	4-Pentenal	84	C5H8O	002100-17-6	1





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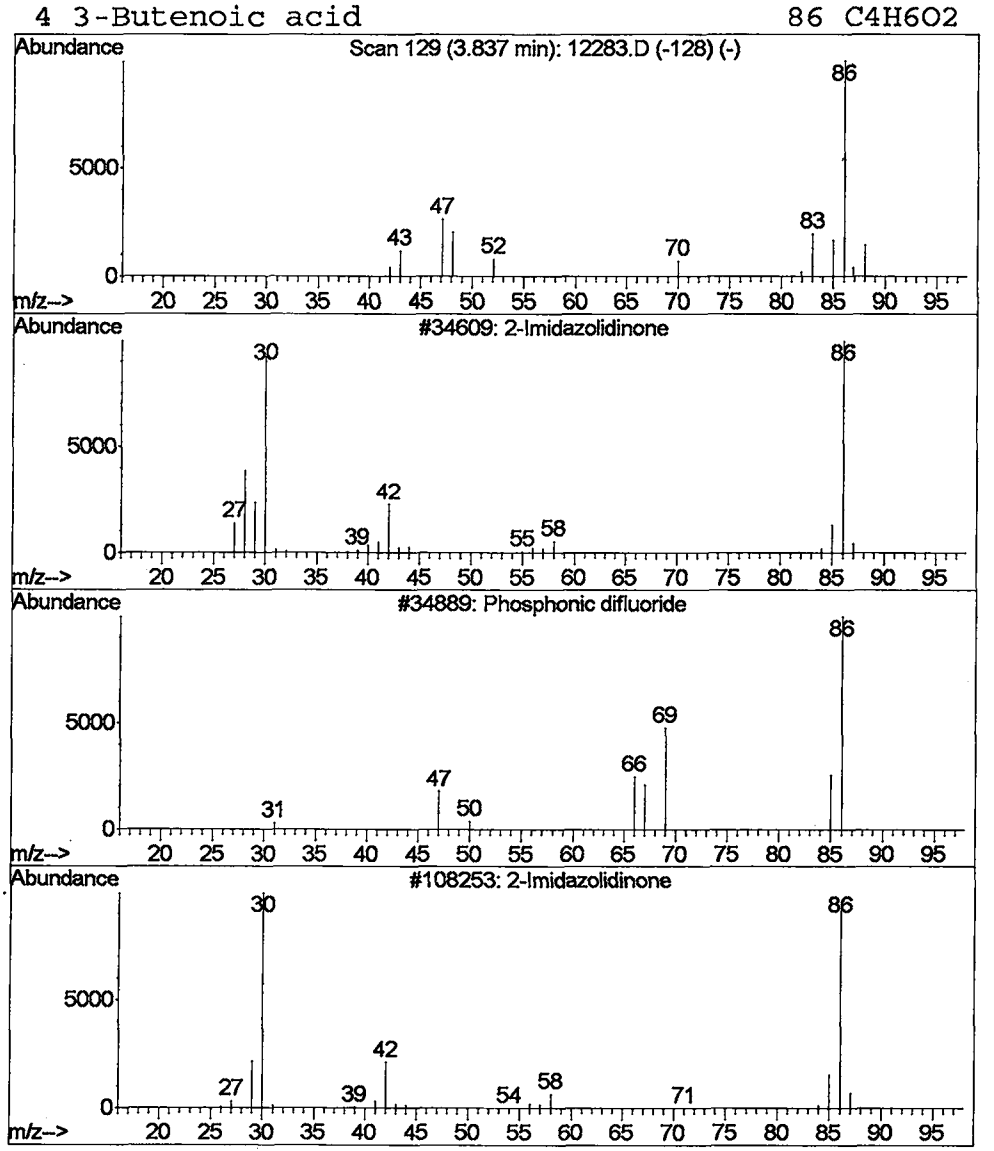
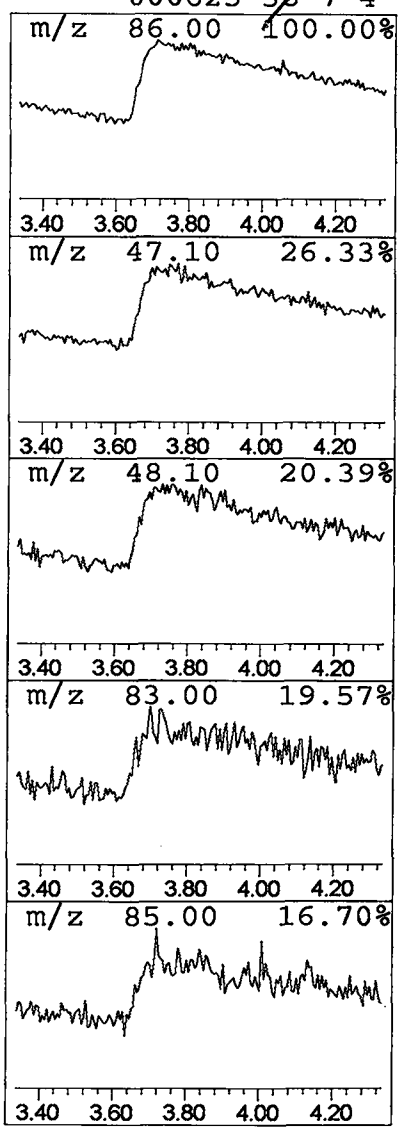
Peak Number 5 2-Imidazolidinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	4.01 ug/L	3186600	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Imidazolidinone	86	C3H6N2O	000120-93-4	7
2	Phosphonic difluoride	86	F2HOP	014939-34-5	5
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
4	3-Butenoic acid	86	C4H6O2	000625-38-7	4





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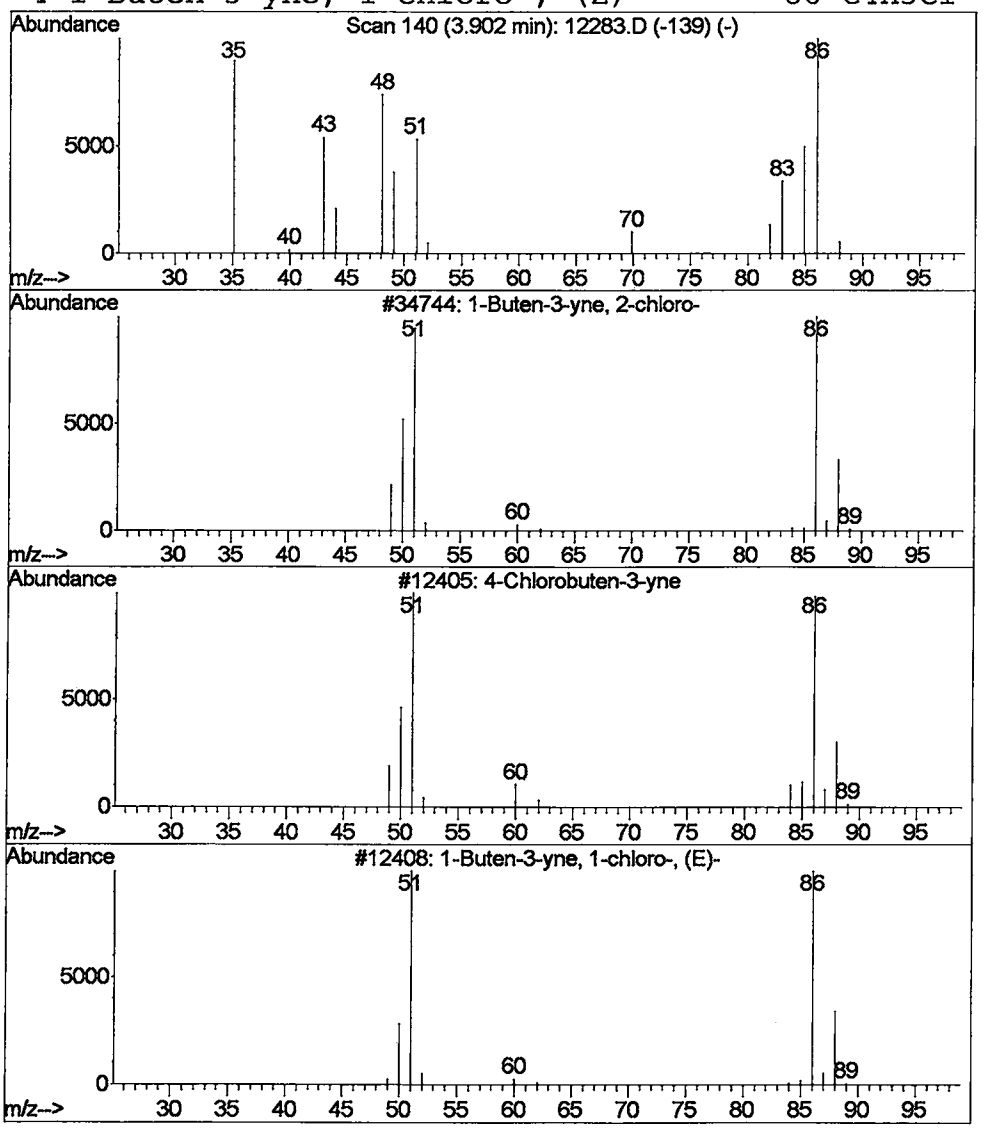
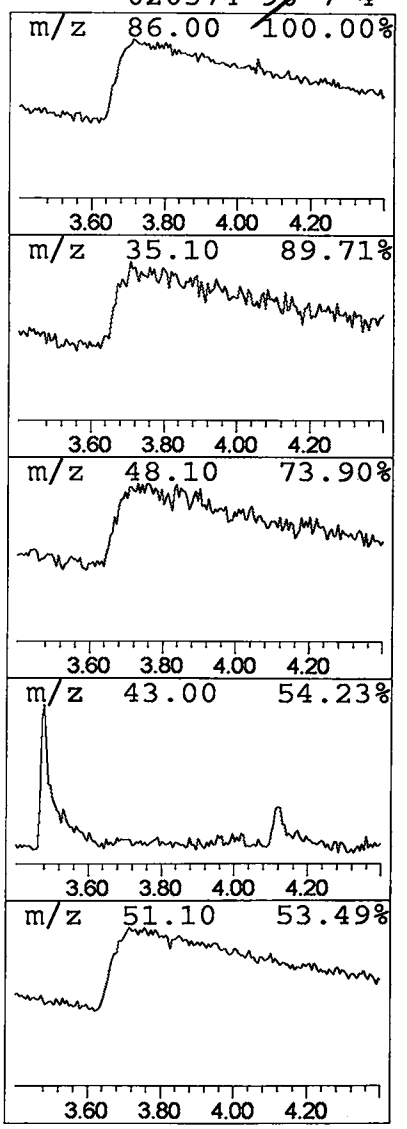
Peak Number 6 1-Buten-3-yne, 2-chloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.90	1.25 ug/L	995708	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	4
2	4-Chlorobuten-3-yne	86	C4H3Cl	040589-38-6	4
3	1-Buten-3-yne, 1-chloro-, (E)-	86	C4H3Cl	020374-91-8	4
4	1-Buten-3-yne, 1-chloro-, (Z)-	86	C4H3Cl	020374-90-7	4





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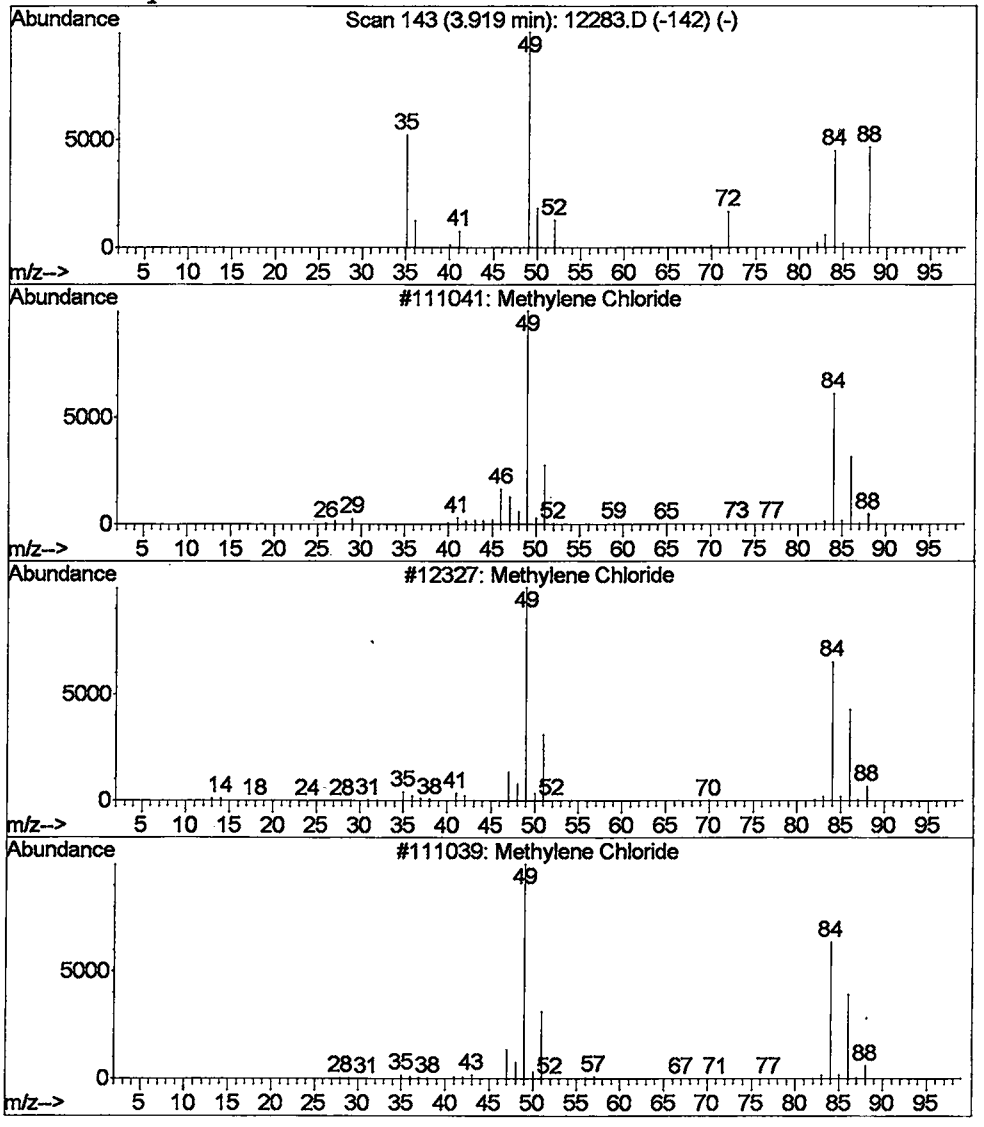
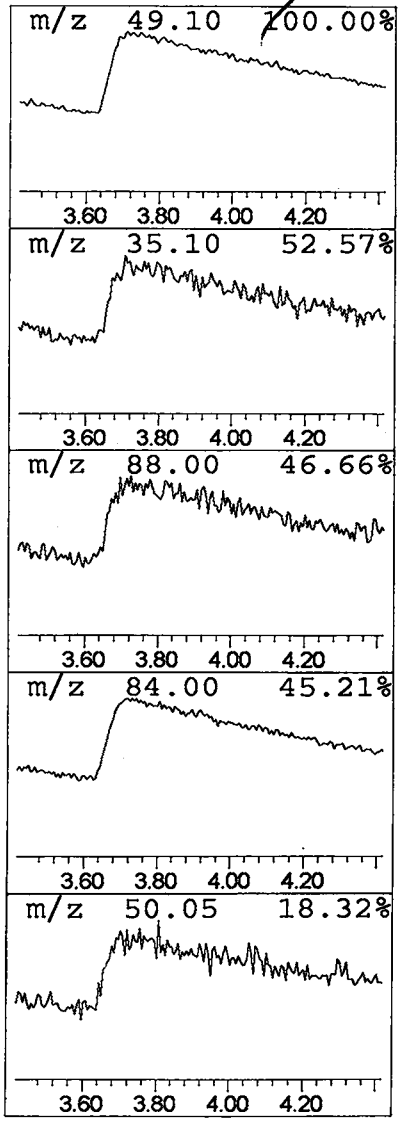
Peak Number 7 Methylene Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.92	4.38 ug/L	3483560	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	9
3	Methylene Chloride	84	CH2Cl2	000075-09-2	9
4	Methylene Chloride	84	CH2Cl2	000075-09-2	2





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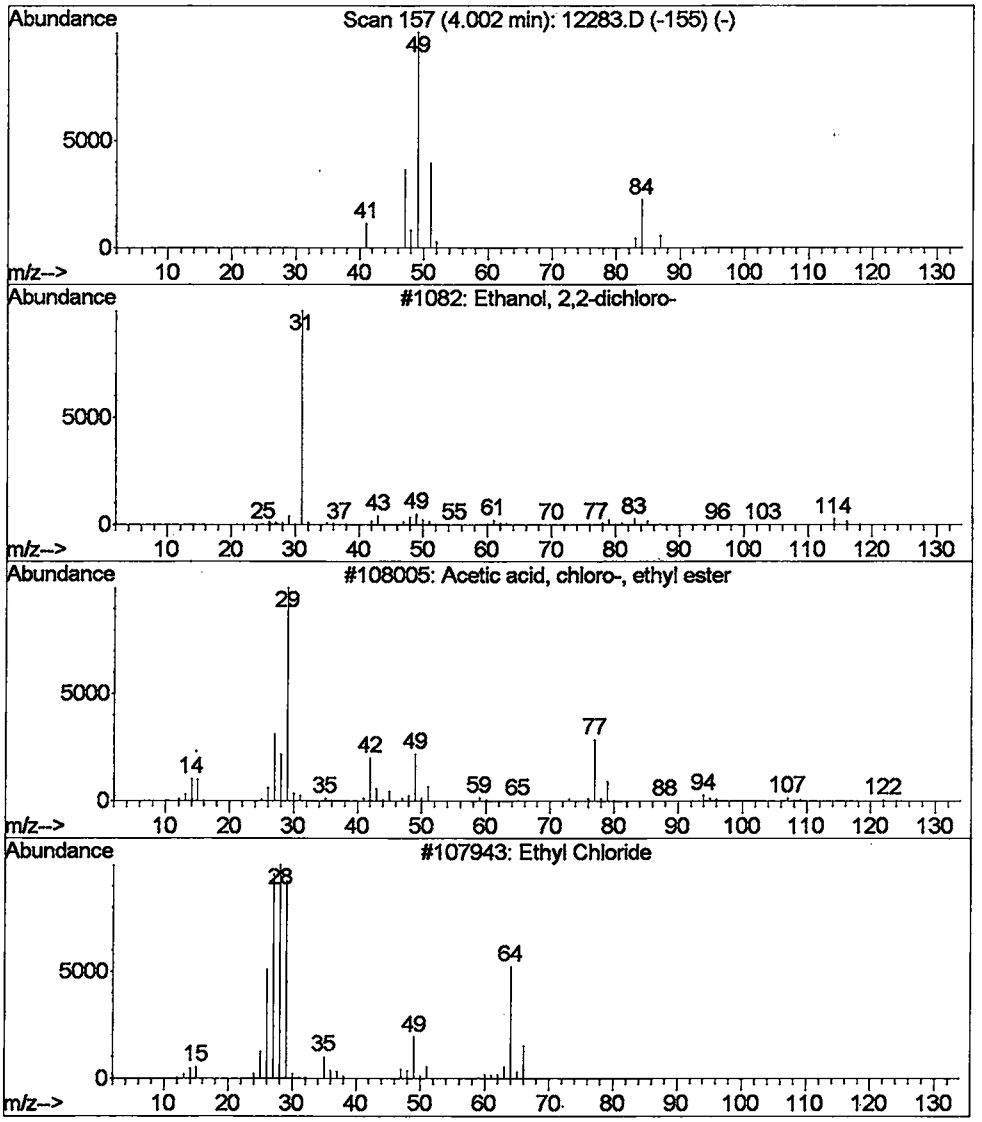
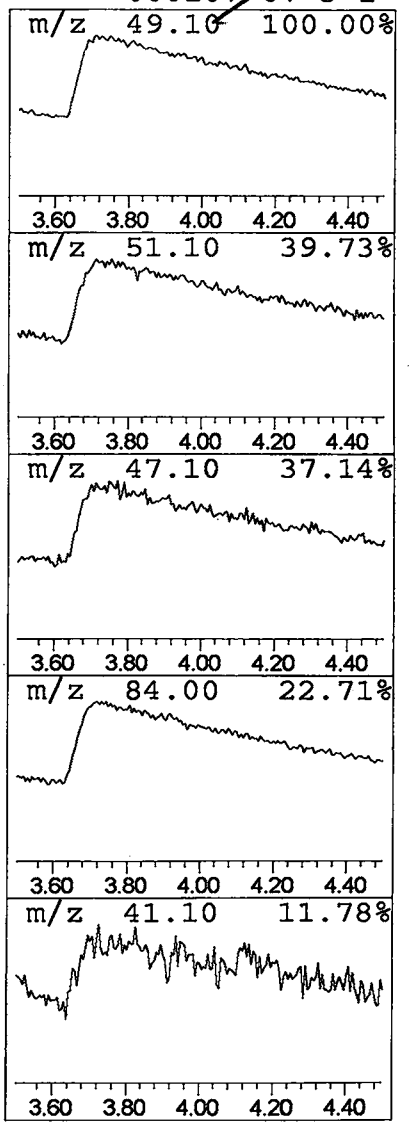
Peak Number 8 Ethanol, 2,2-dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	1.33 ug/L	1055180	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2
2	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	2
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





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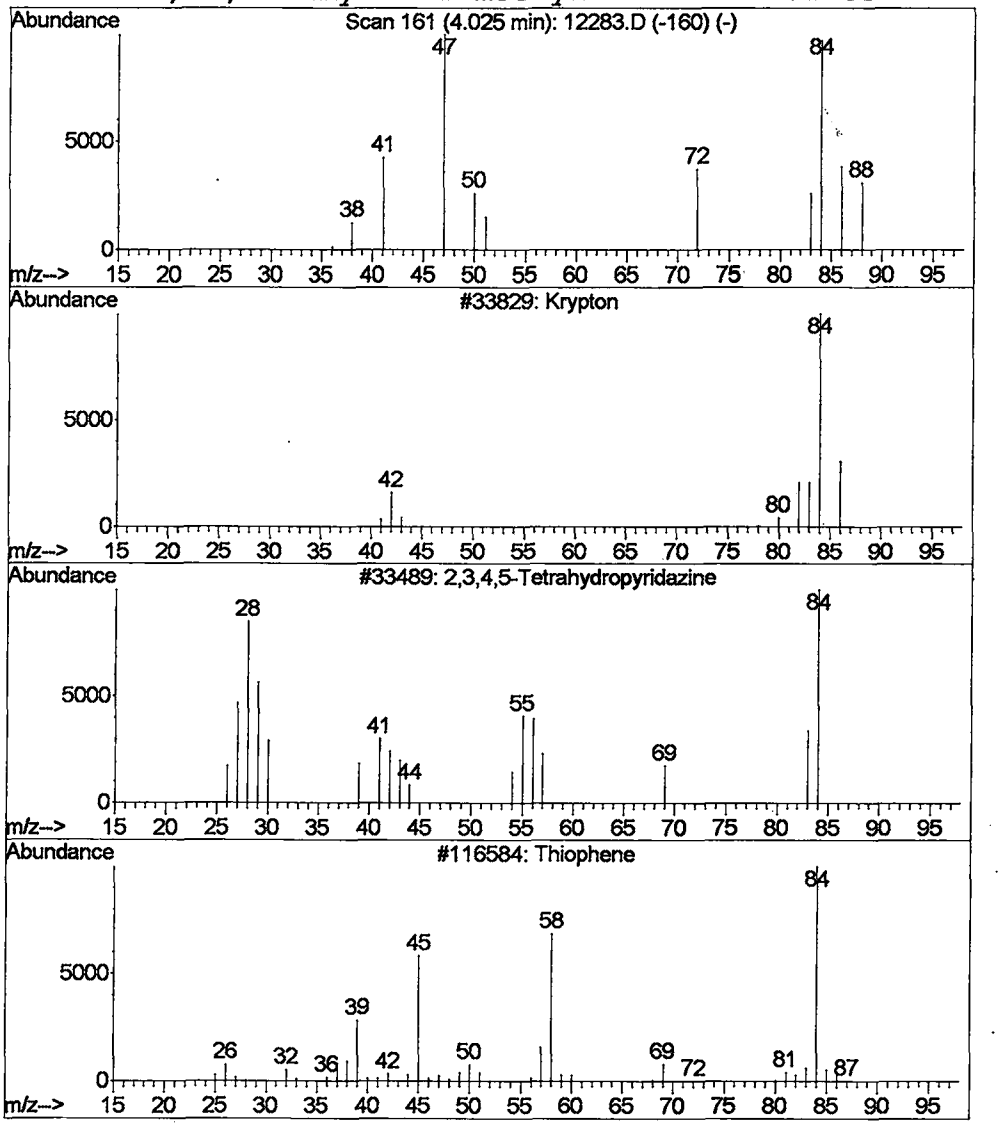
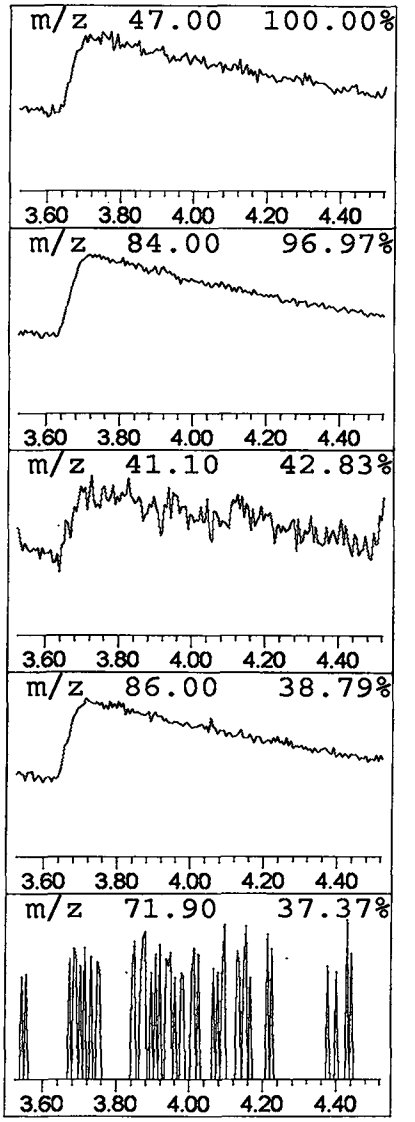
Peak Number 9 Krypton Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.96 ug/L	3147310	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	9
2	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	4
3	Thiophene	84	C4H4S	000110-02-1	4
4	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	4





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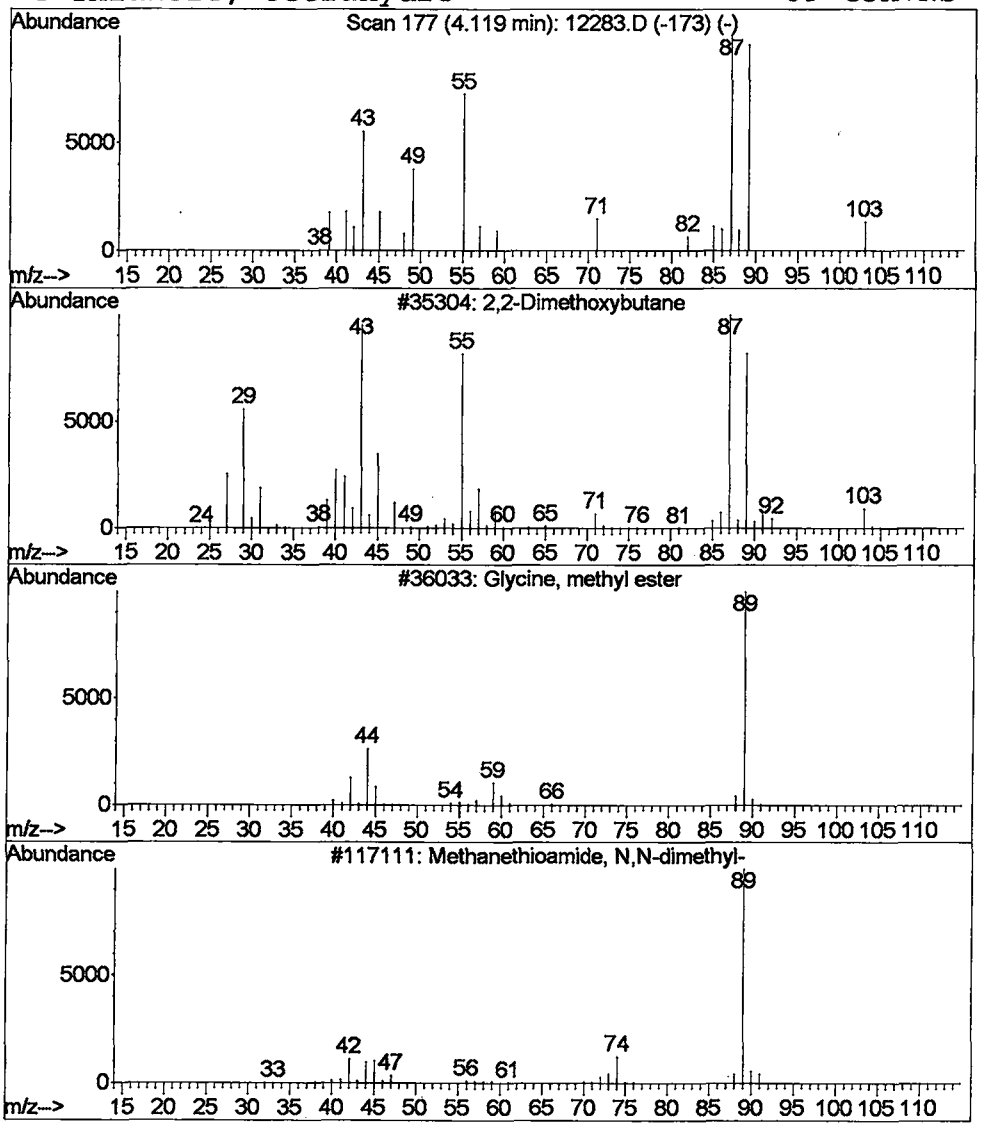
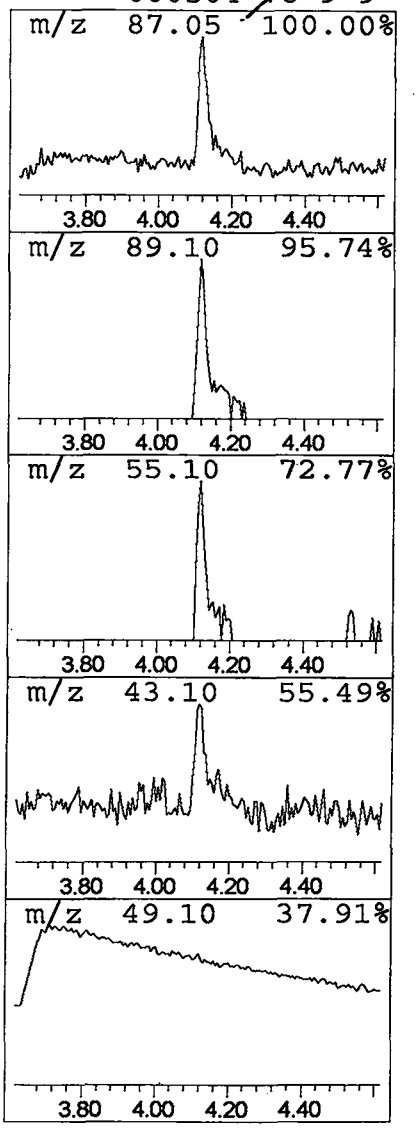
Peak Number 10 2,2-Dimethoxybutane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.12	3.99 ug/L	3171790	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	59
2	Glycine, methyl ester	89	C3H7NO2	000616-34-2	9
3	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	9
4	Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9





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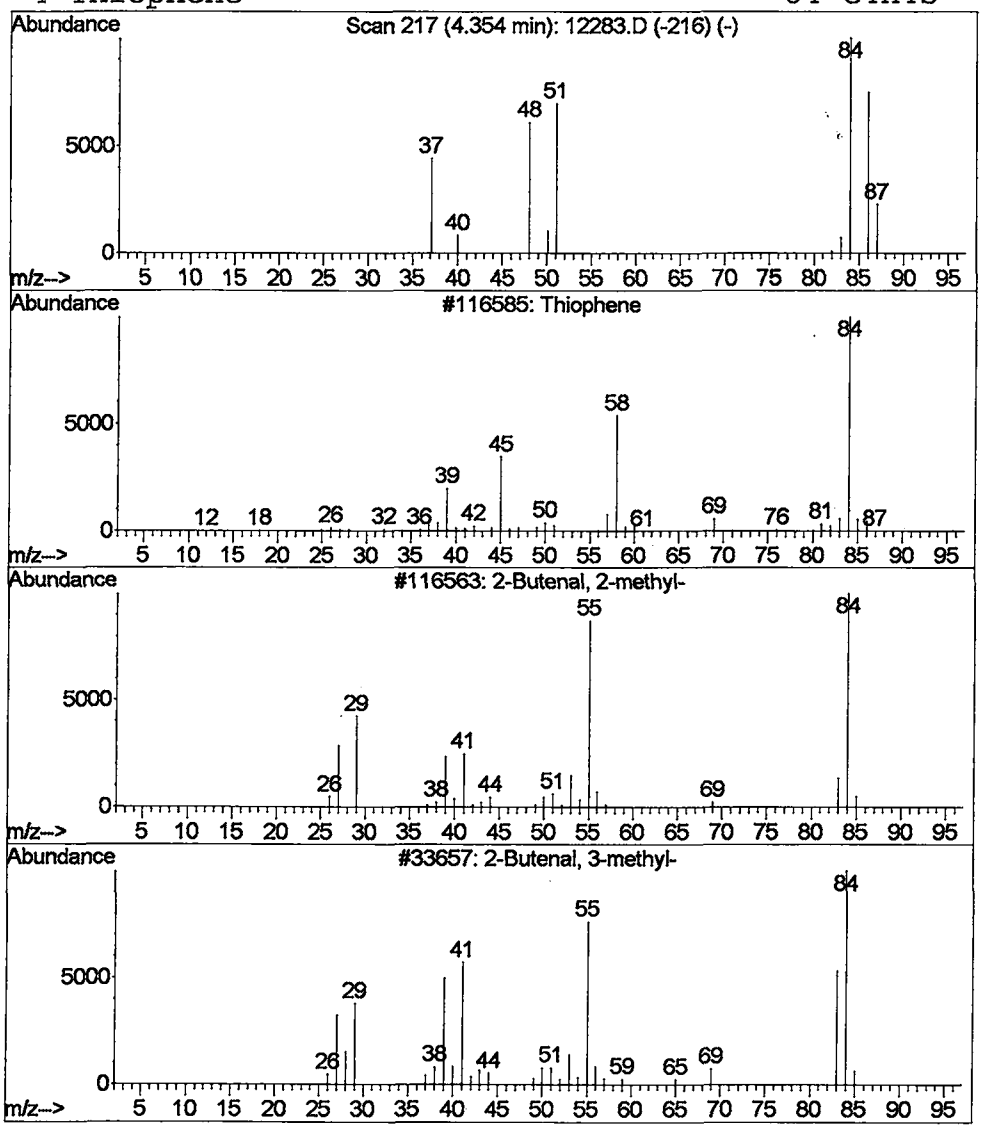
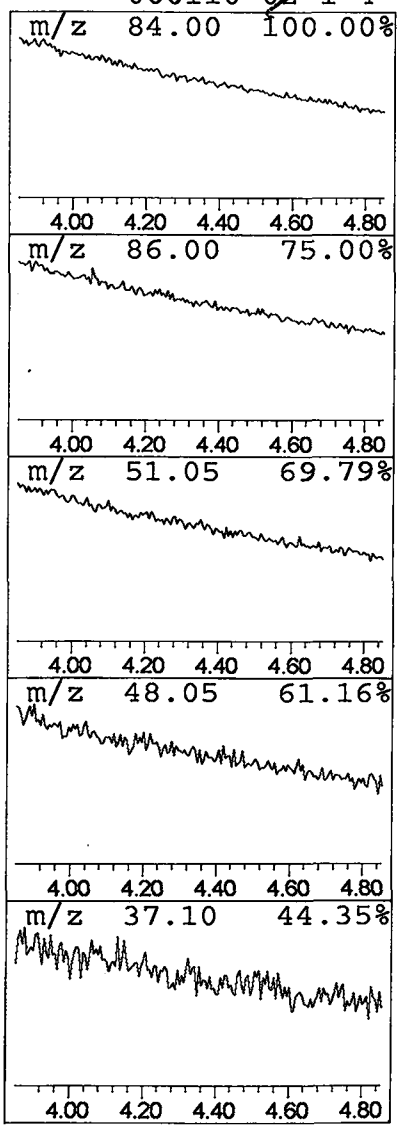
Peak Number 11 Thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	1.92 ug/L	1525660	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	4
2	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	4
3	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	4
4	Thiophene	84	C4H4S	000110-02-1	4





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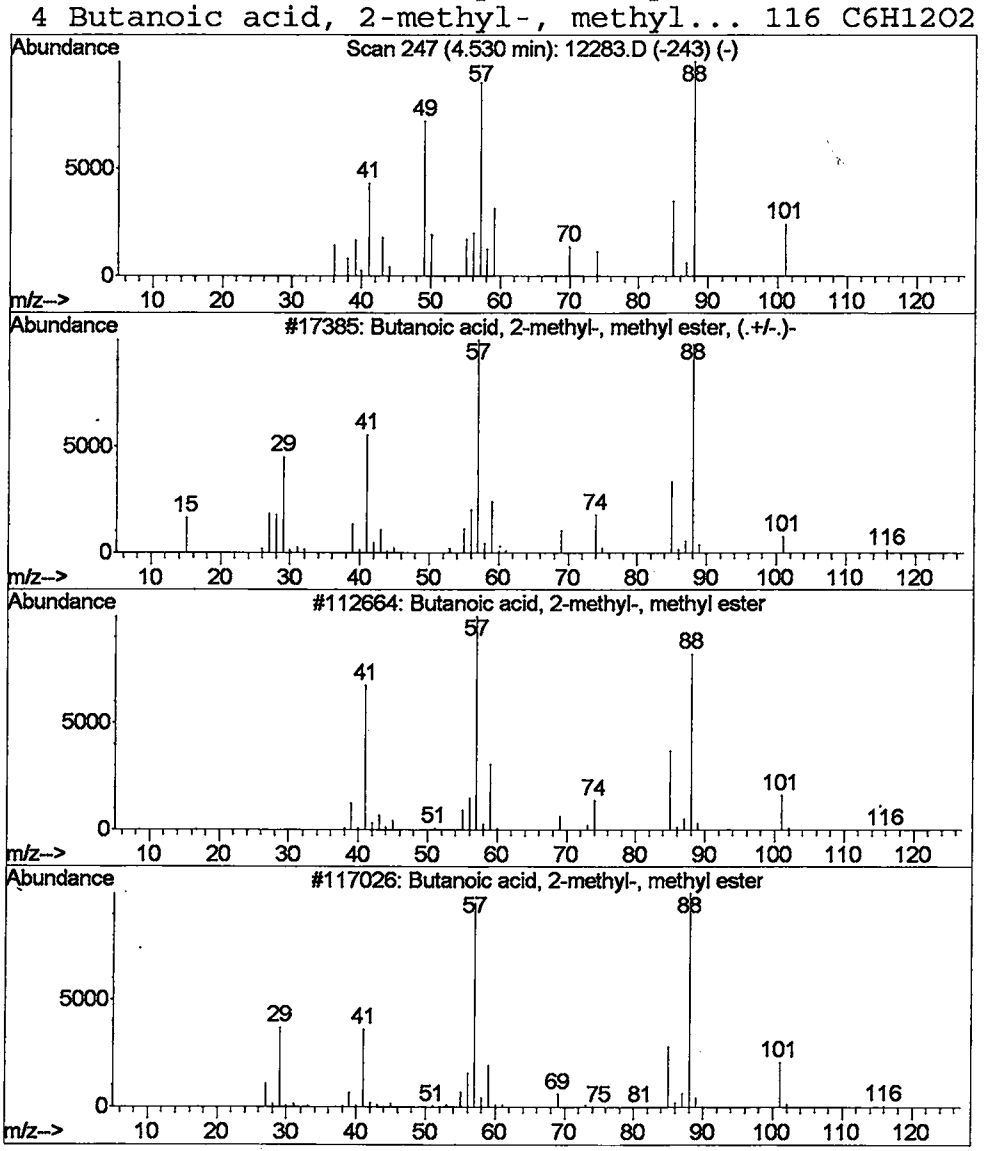
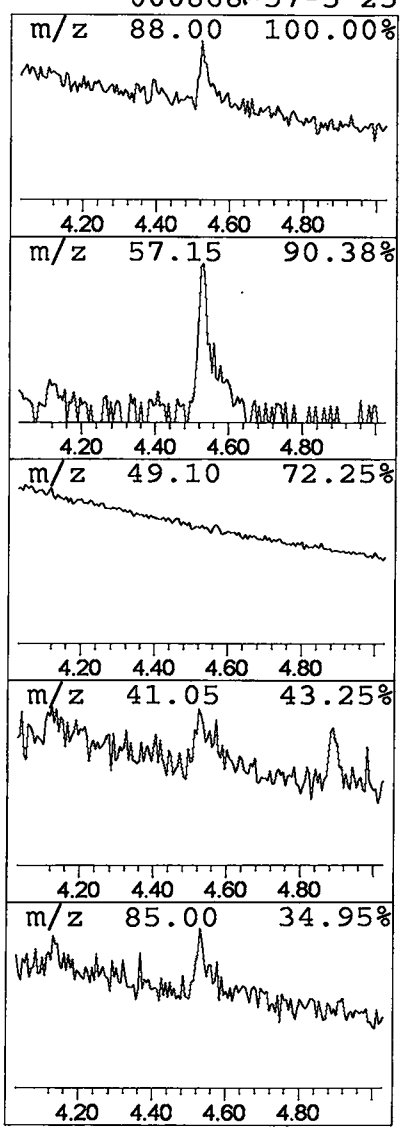
Peak Number 12 Butanoic acid, 2-methyl-, m... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	2.73 ug/L	2167500	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	053955-81-0	35
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35
3	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	35
4	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	25





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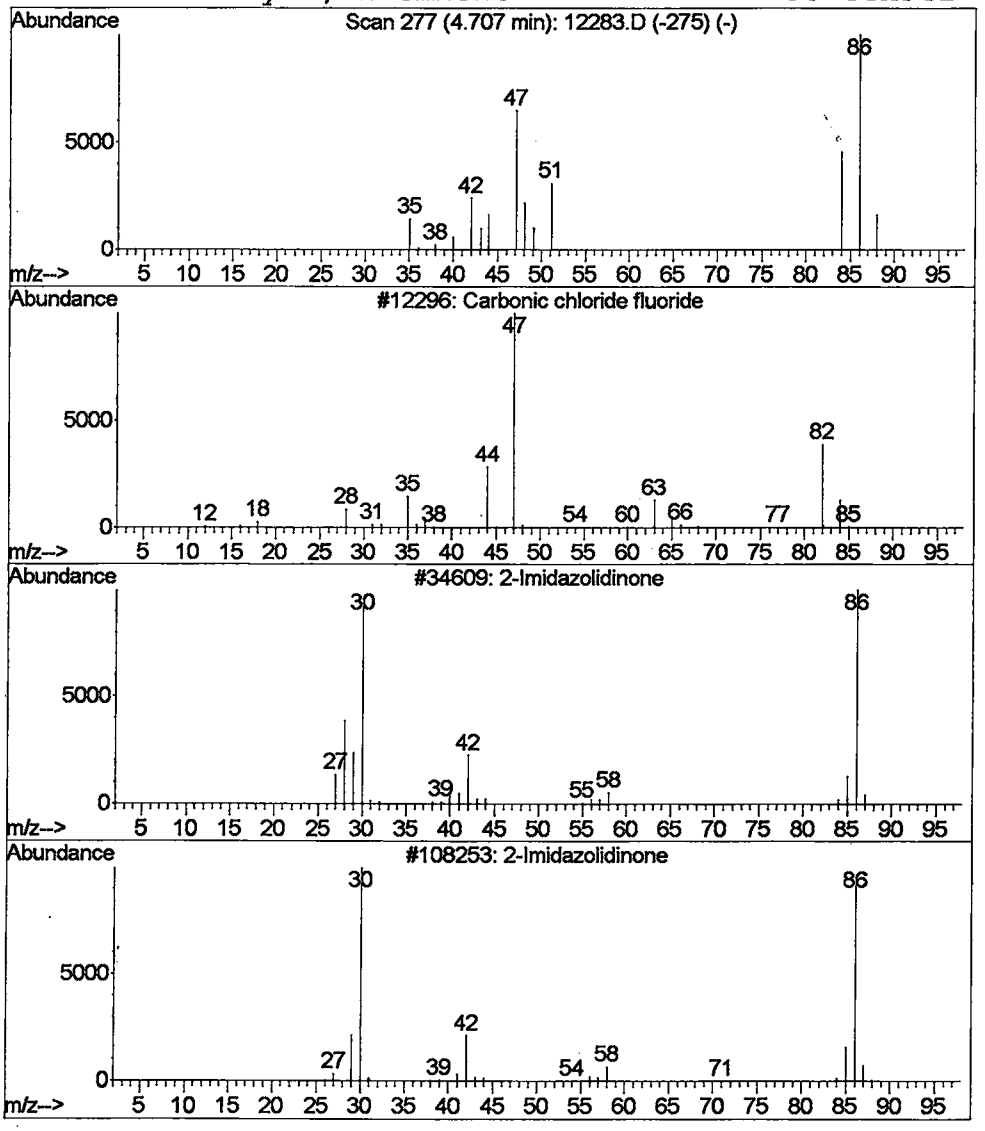
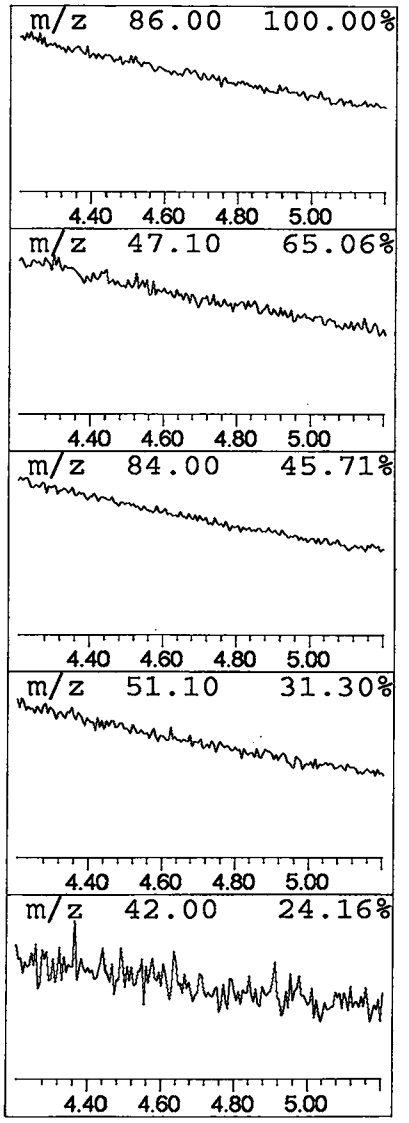
Peak Number 13 Carbonic chloride fluoride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	1.39 ug/L	1106600	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic chloride fluoride	82	CClFO	000353-49-1	9
2	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
3	2-Imidazolidinone	86	C3H6N2O	000120-93-4	4
4	1-Buten-3-yne, 2-chloro-	86	C4H3Cl	017712-36-6	4





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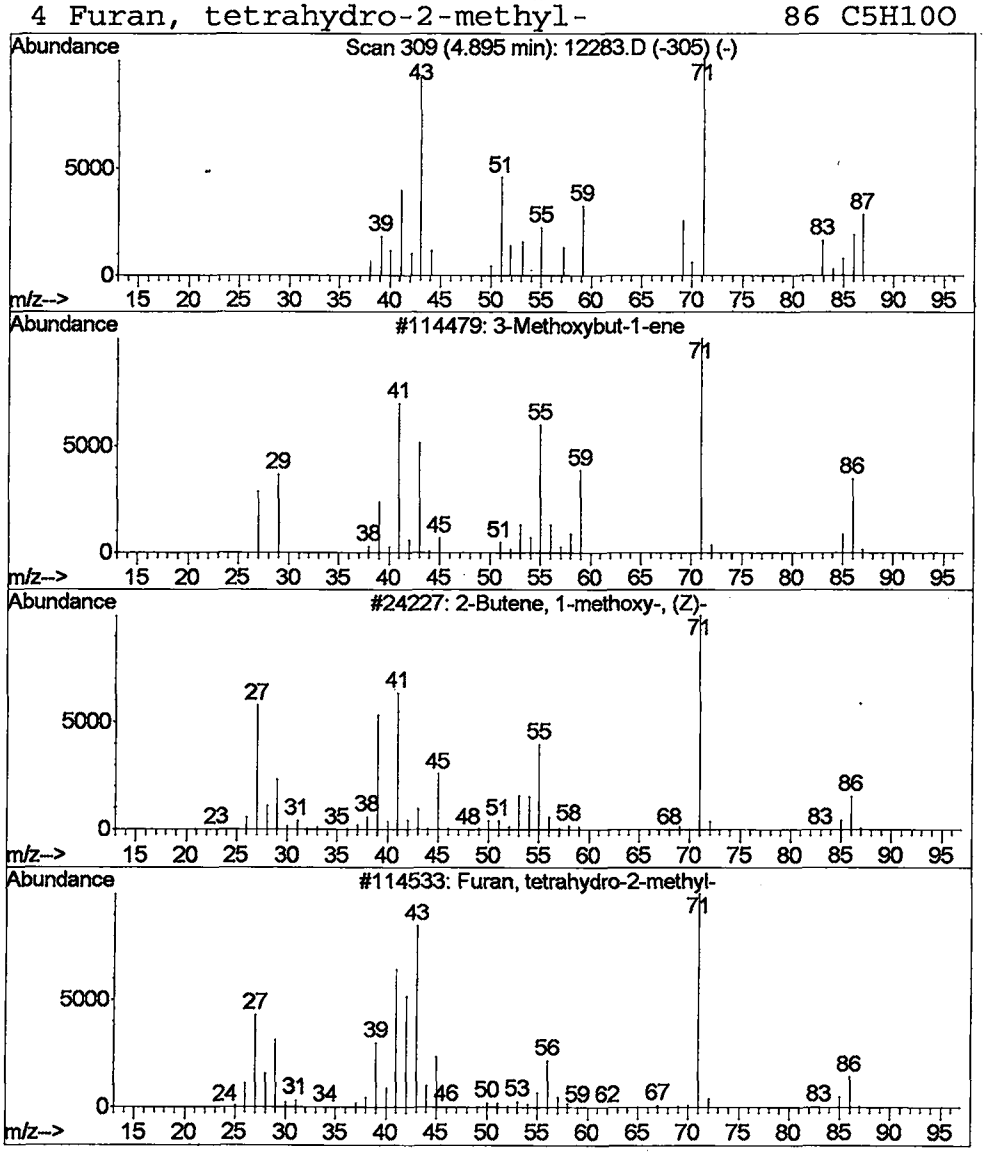
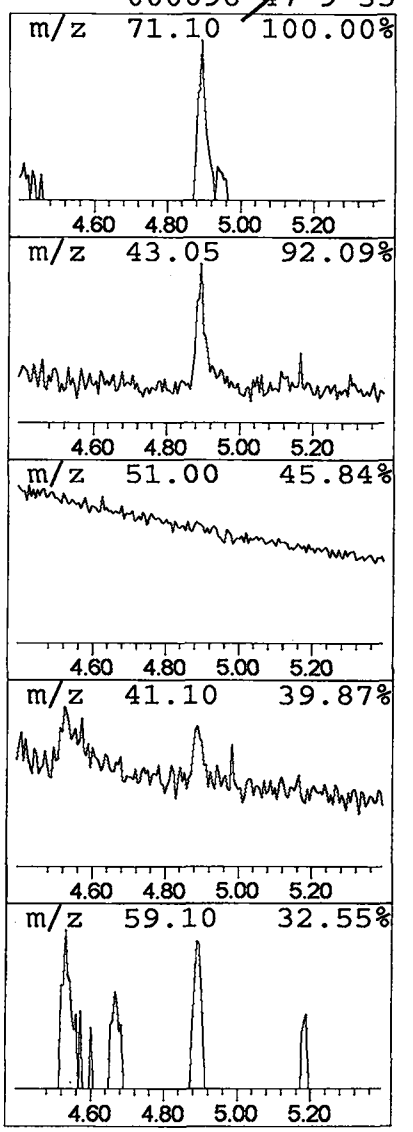
Peak Number 14 3-Methoxybut-1-ene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.89	2.20 ug/L	1745520	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxybut-1-ene	86	C5H10O	017351-24-5	38
2	2-Butene, 1-methoxy-, (Z)-	86	C5H10O	010034-16-9	38
3	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	35
4	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	35





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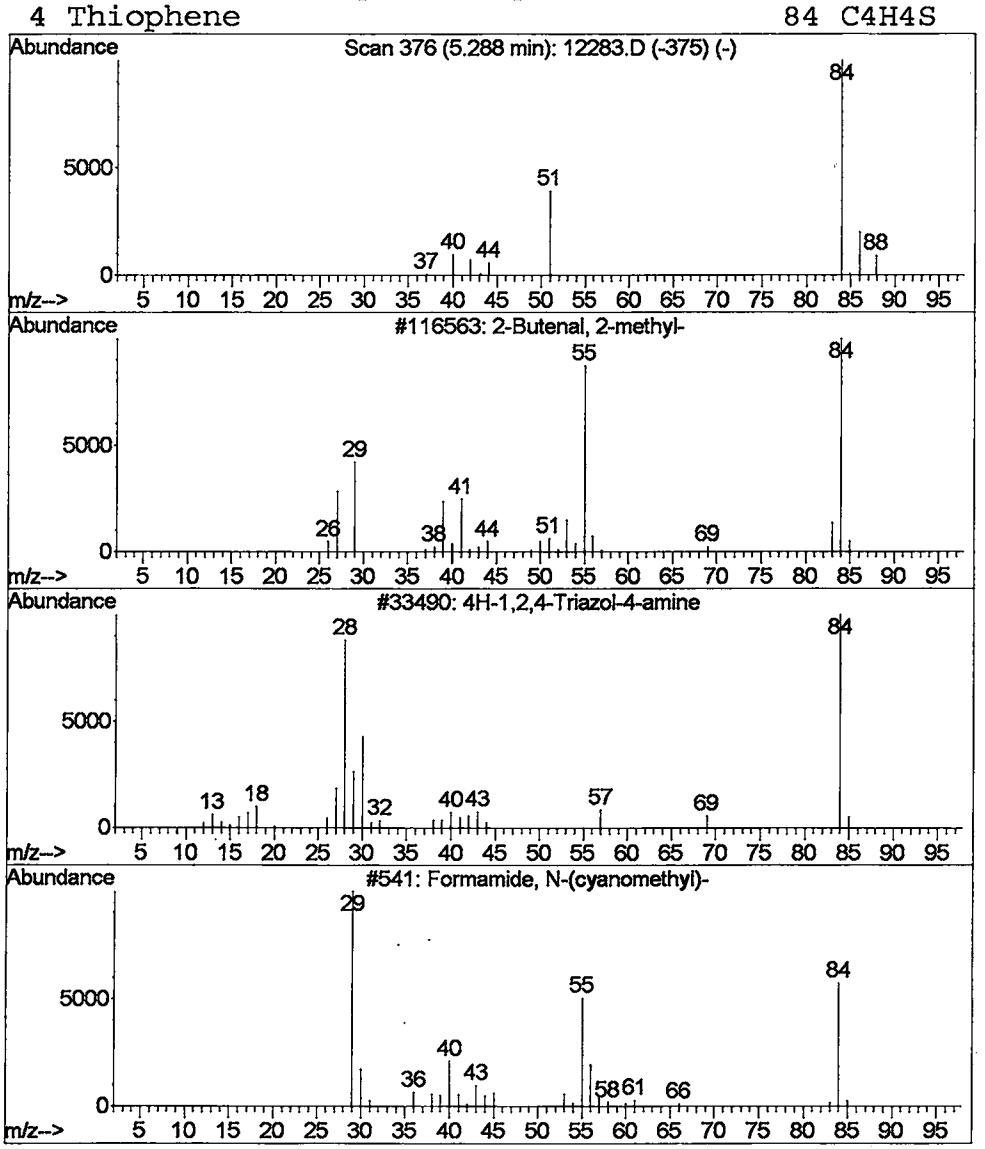
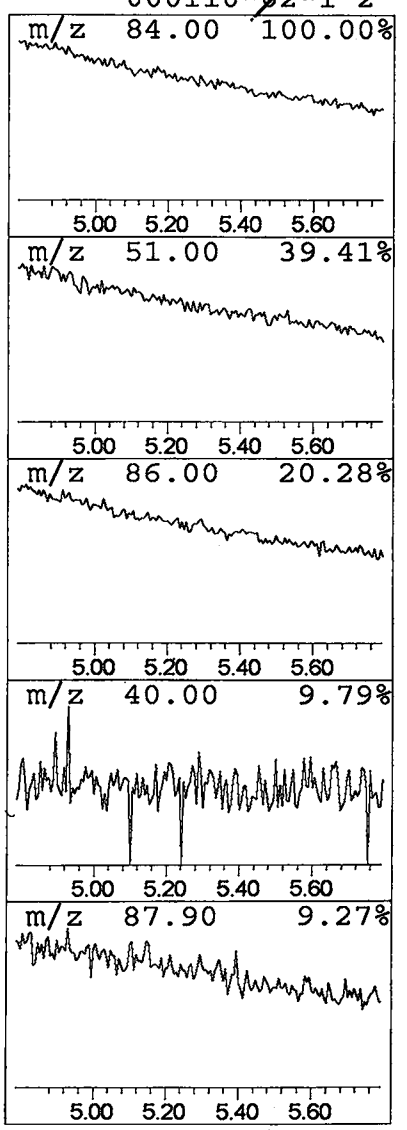
Peak Number 15 2-Butenal, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	1.02 ug/L	807365	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	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
3	Formamide, N-(cyanomethyl)-	84	C3H4N2O	005018-27-9	3
4	Thiophene	84	C4H4S	000110-02-1	2





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Library : C:\DATABASE\NIST98.L

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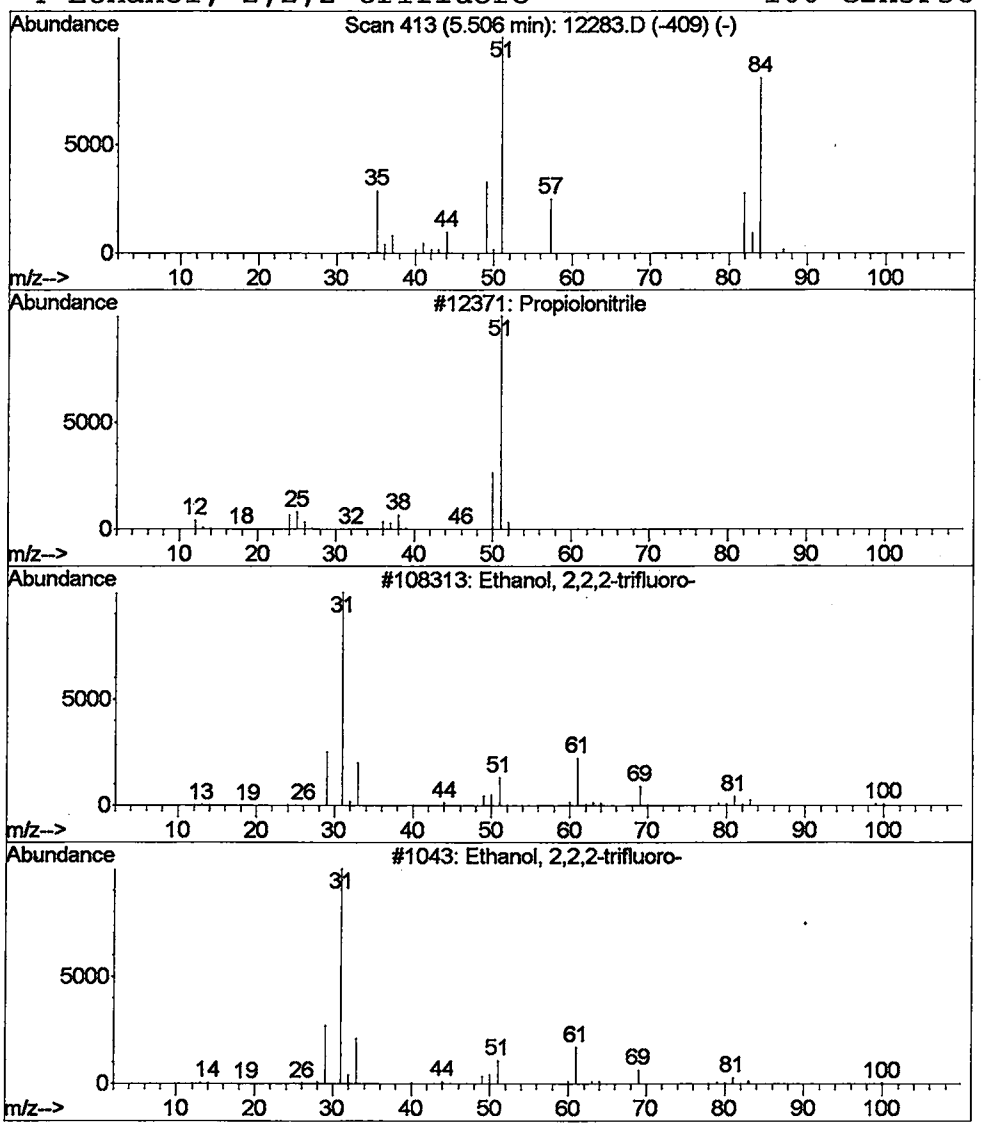
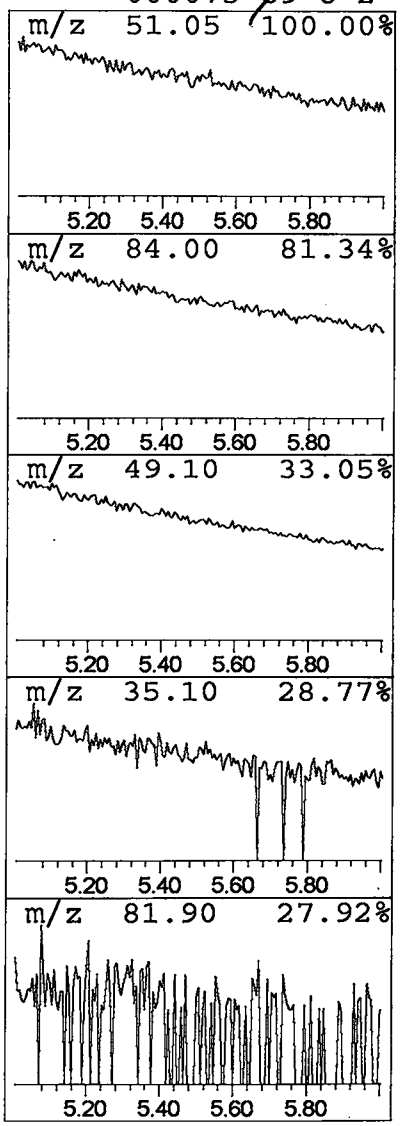
Peak Number 16 Propiolonitrile Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	0.45 ug/L	354553	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	2
3	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	2
4	Ethanol, 2,2,2-trifluoro-	100	C2H3F3O	000075-89-8	2





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

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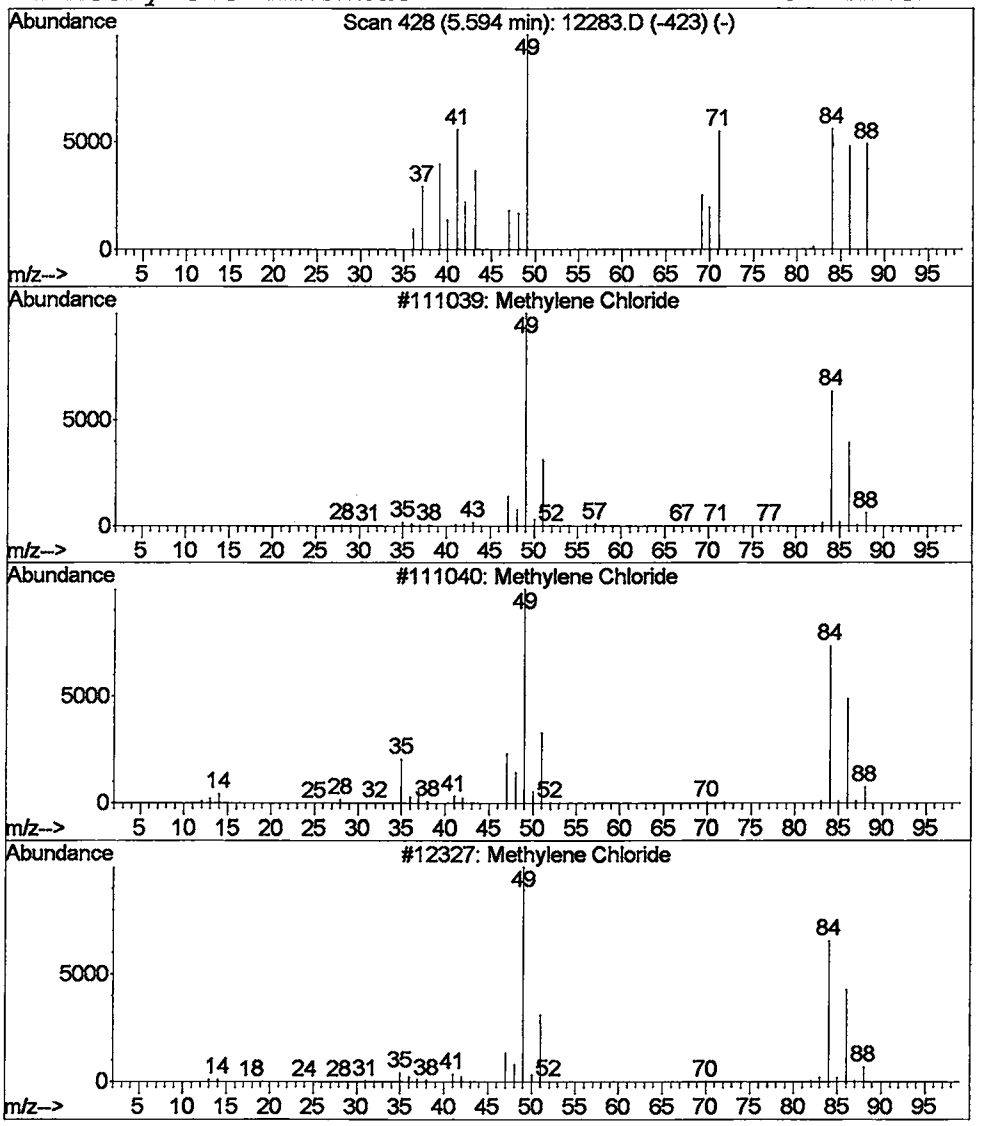
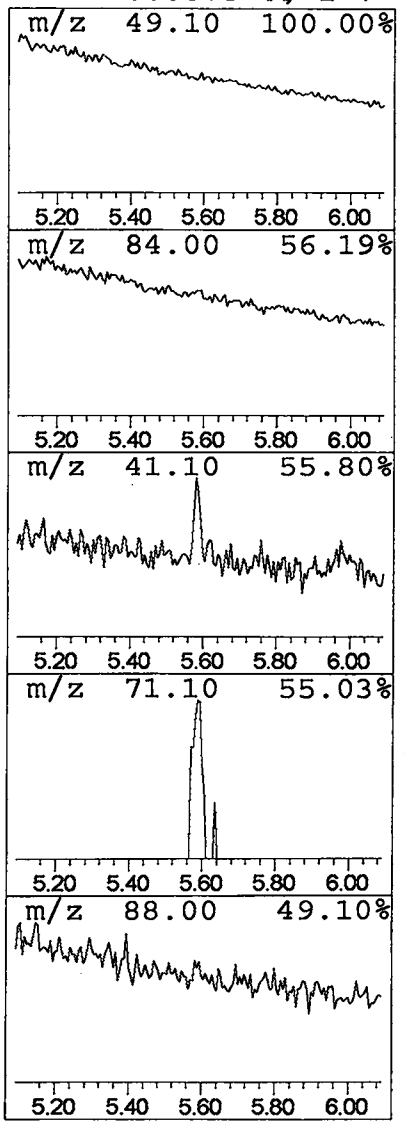
Peak Number 17 Methylene Chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	0.36 ug/L	287641	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	53
2	Methylene Chloride	84	CH2Cl2	000075-09-2	53
3	Methylene Chloride	84	CH2Cl2	000075-09-2	40
4	Methylene Chloride	84	CH2Cl2	000075-09-2	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 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

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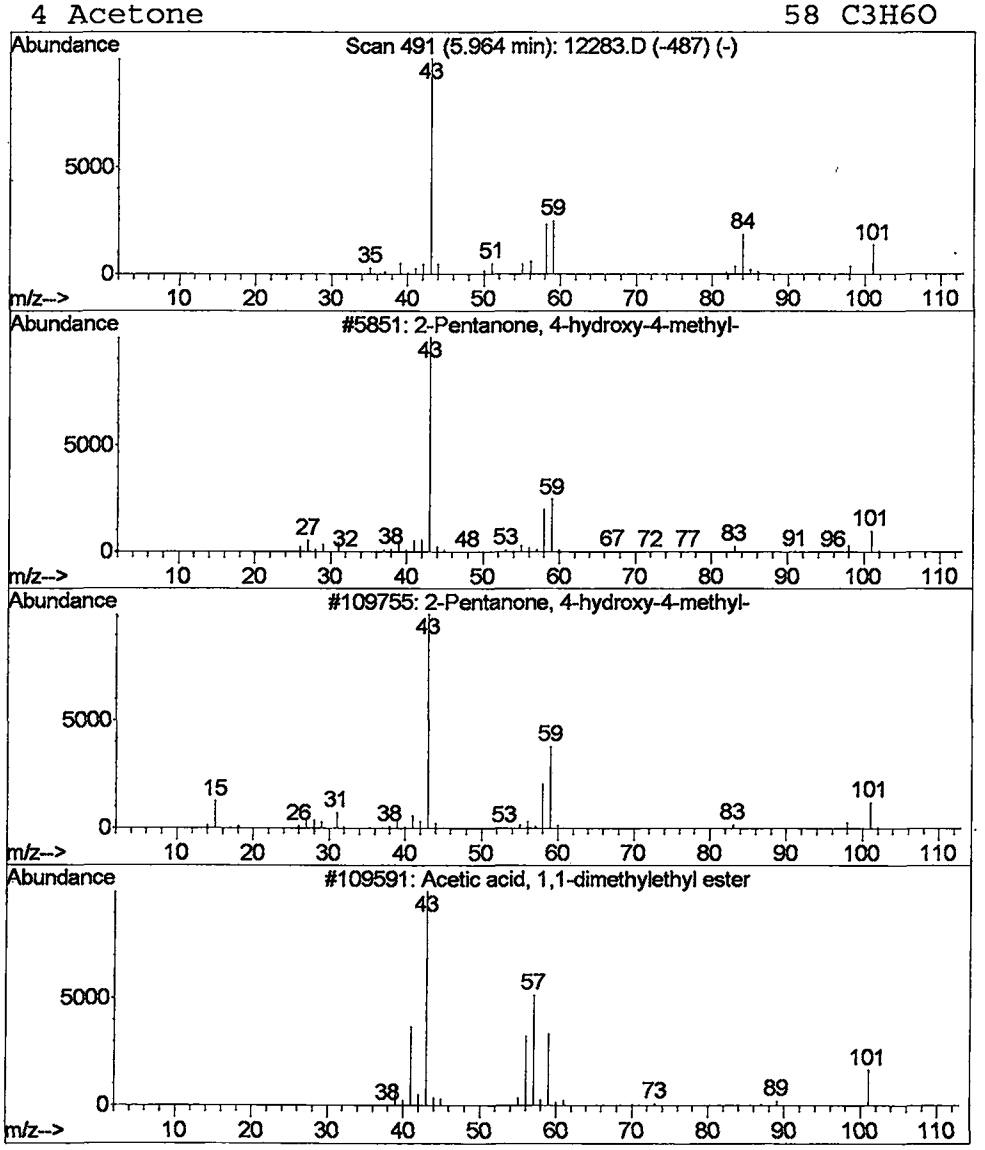
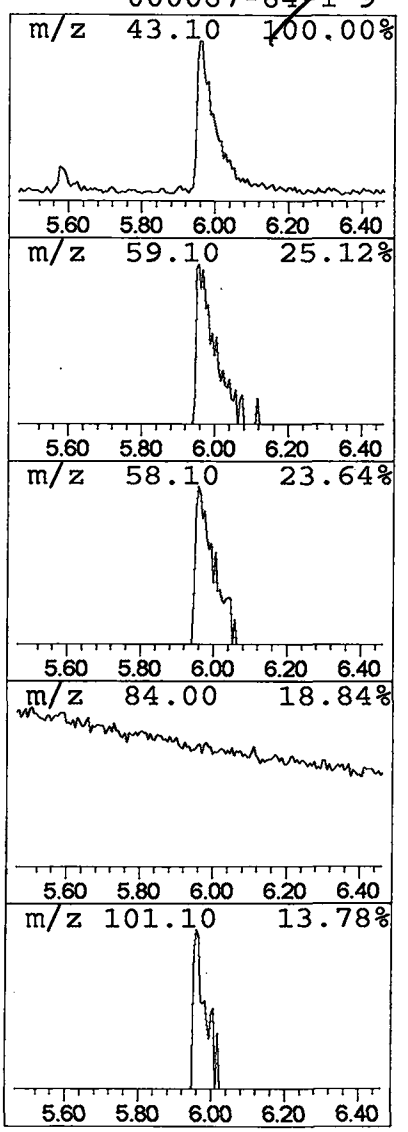
Peak Number 18 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.50 ug/L	394488	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	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25
4	Acetone	58	C3H6O	000067-64-1	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 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

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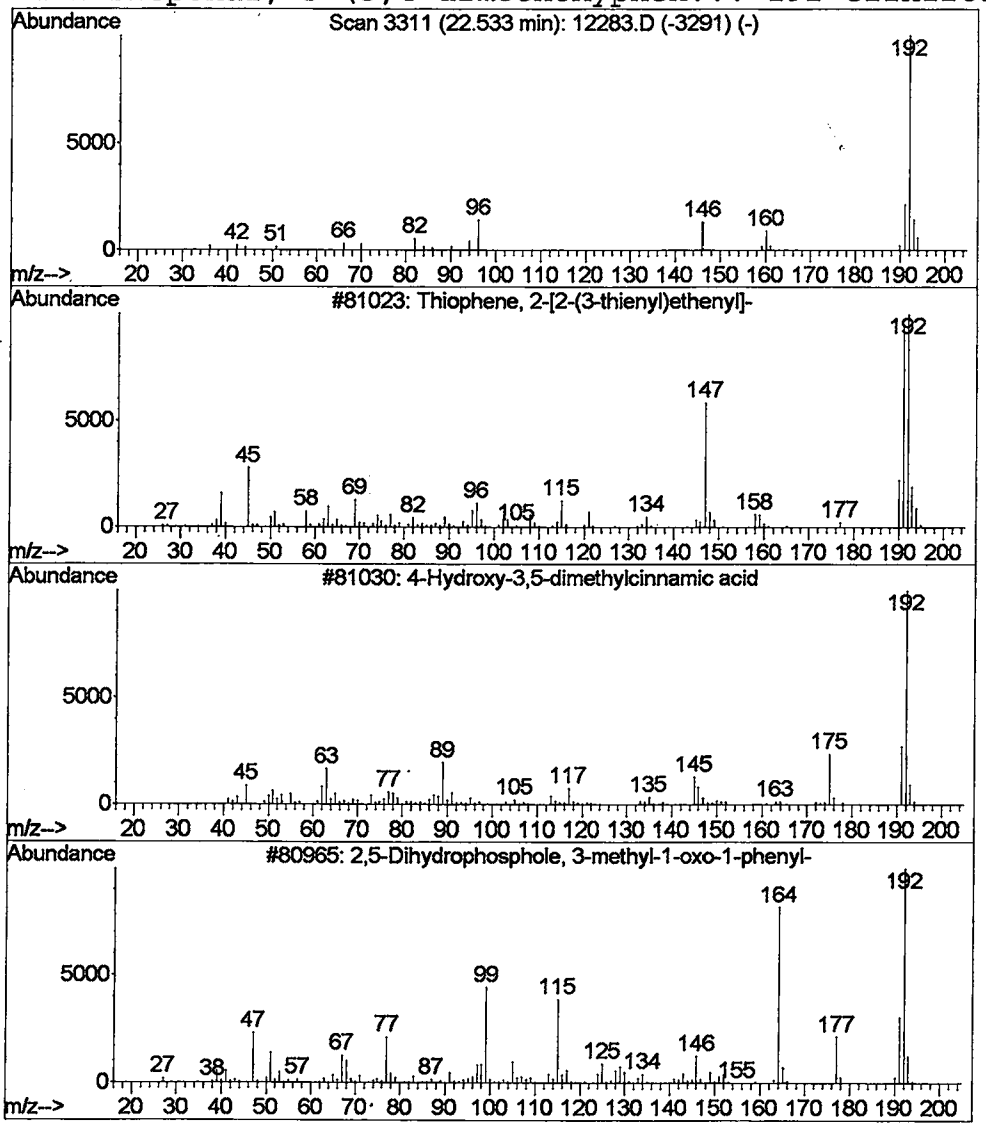
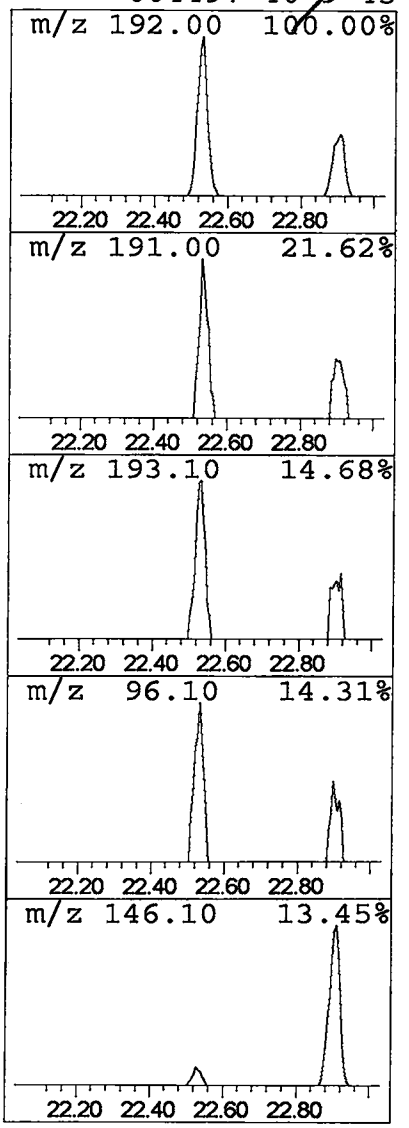
Peak Number 19 Thiophene, 2-[2-(3-thienyl)... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.53	0.27 ug/L	325946	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	50
2	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	50
3	2,5-Dihydrophosphole, 3-methyl-1...	192	C11H13OP	1000196-97-5	45
4	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-0	45





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\0610022\12283.D Vial: 11
Acq On : 10 Jun 2002 7:10 pm Operator:
Sample : gc/ms scan 6/7 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

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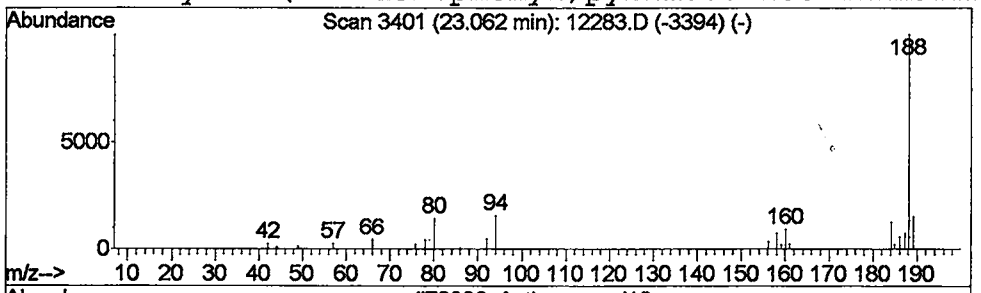
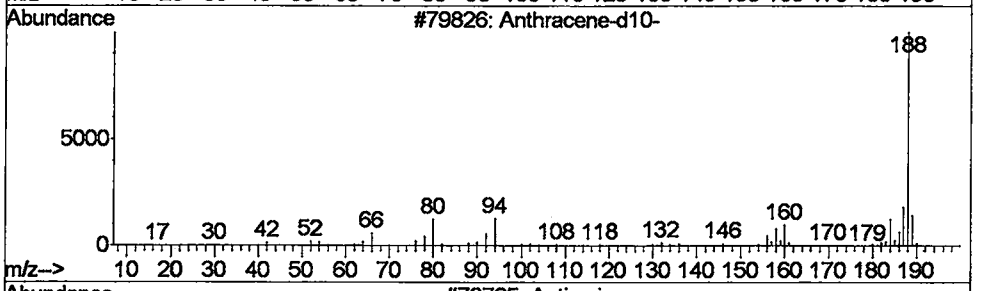
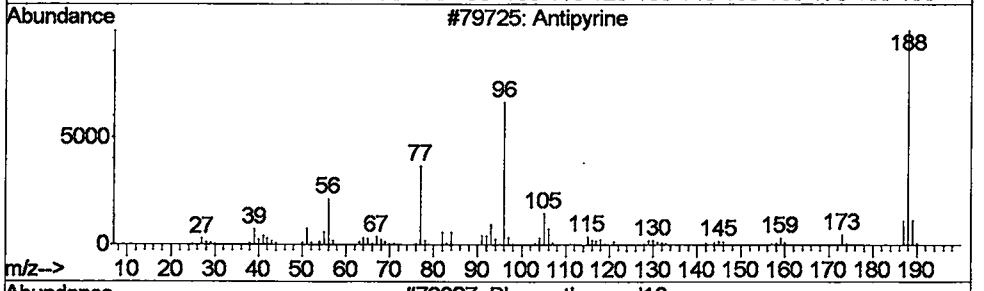
Peak Number 20 Anthracene-d10- Concentration Rank 19

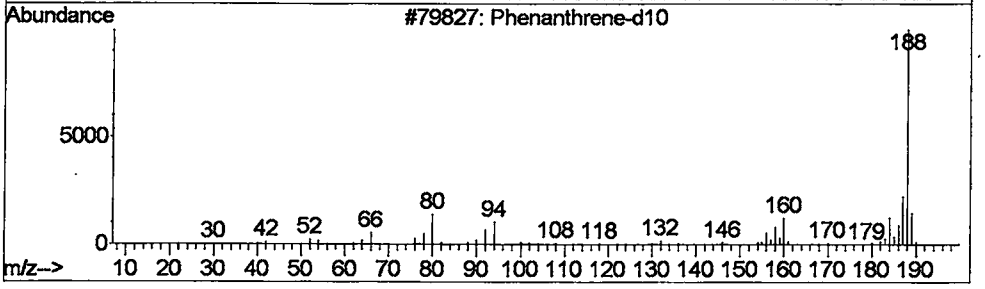
R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.35 ug/L	410758	Phenanthranene-d10	22.91

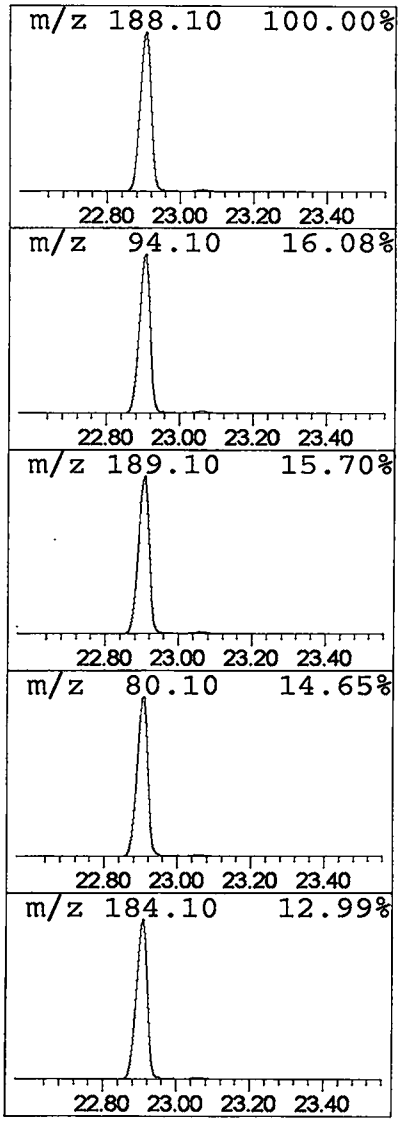
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Antipyrine	188	C11H12N2O	000060-80-0	47
3	Phenanthrene-d10	188	C14D10	001517-22-2	42
4	4-Methyl-2-(3-fluorophenyl)pyrim...	188	C11H9FN2	076128-66-0	40











Tentatively Identified Compound (TIC) Summary

Operator ID: Date Acquired: 10 Jun 2002 7:10 pm
Data File: C:\MSDCHEM\1\DATA\0610022\12283.D
Name: gc/ms scan 6/7
Misc:
Method: C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.48	0.3	ug/L	277894	1	9.90	31792800	40.0
Methylene Chloride	3.72	5.2	ug/L	4144240	1	9.90	31792800	40.0
Methylene Chloride	3.75	3.9	ug/L	3138980	1	9.90	31792800	40.0
Borane, trifluoro-	3.81	1.9	ug/L	1486980	1	9.90	31792800	40.0
2-Imidazolidinone	3.84	4.0	ug/L	3186600	1	9.90	31792800	40.0
1-Buten-3-yne, 2-...	3.90	1.3	ug/L	995708	1	9.90	31792800	40.0
Methylene Chloride	3.92	4.4	ug/L	3483560	1	9.90	31792800	40.0
Ethanol, 2,2-dich...	4.00	1.3	ug/L	1055180	1	9.90	31792800	40.0
Krypton	4.02	4.0	ug/L	3147310	1	9.90	31792800	40.0
2,2-Dimethoxybutane	4.12	4.0	ug/L	3171790	1	9.90	31792800	40.0
Thiophene	4.35	1.9	ug/L	1525660	1	9.90	31792800	40.0
Butanoic acid, 2-...	4.53	2.7	ug/L	2167500	1	9.90	31792800	40.0
Carbonic chloride...	4.71	1.4	ug/L	1106600	1	9.90	31792800	40.0
3-Methoxybut-1-ene	4.89	2.2	ug/L	1745520	1	9.90	31792800	40.0
2-Butenal, 2-methyl-	5.29	1.0	ug/L	807365	1	9.90	31792800	40.0
Propiolonitrile	5.51	0.4	ug/L	354553	1	9.90	31792800	40.0
Methylene Chloride	5.59	0.4	ug/L	287641	1	9.90	31792800	40.0
2-Pentanone, 4-hy...	5.96	0.5	ug/L	394488	1	9.90	31792800	40.0
Thiophene, 2-[2-(...	22.53	0.3	ug/L	325946	4	22.91	47449600	40.0
Anthracene-d10-	23.06	0.3	ug/L	410758	4	22.91	47449600	40.0