User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/18/2002 Time: 16:05:15

Sample: AE08068
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/18/2002 16:05 Ended: 4/18/2002 16:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		.	
2	Surr_2,4-DDD		76	5.0

Comments for Sample AE08068 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-18-2002 Time: 16:06:37

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:56:14 2002 Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.99	152	4571083	40.00	ug/L	0.00
10) Napthalene-d8	13.48	136	17258161	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.63	164	10011692	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	15343823	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	12116549	40.00	ug/L	-0.03
43) Perylene-d12	34.78	264	7878891	40.00	ug/L	-0.02
System Monitoring Compounds						
27) TCMX	20.60	207	337821	6.09	ug/L	0.00
Spiked Amount 8.000			Recovery = 76.13%			

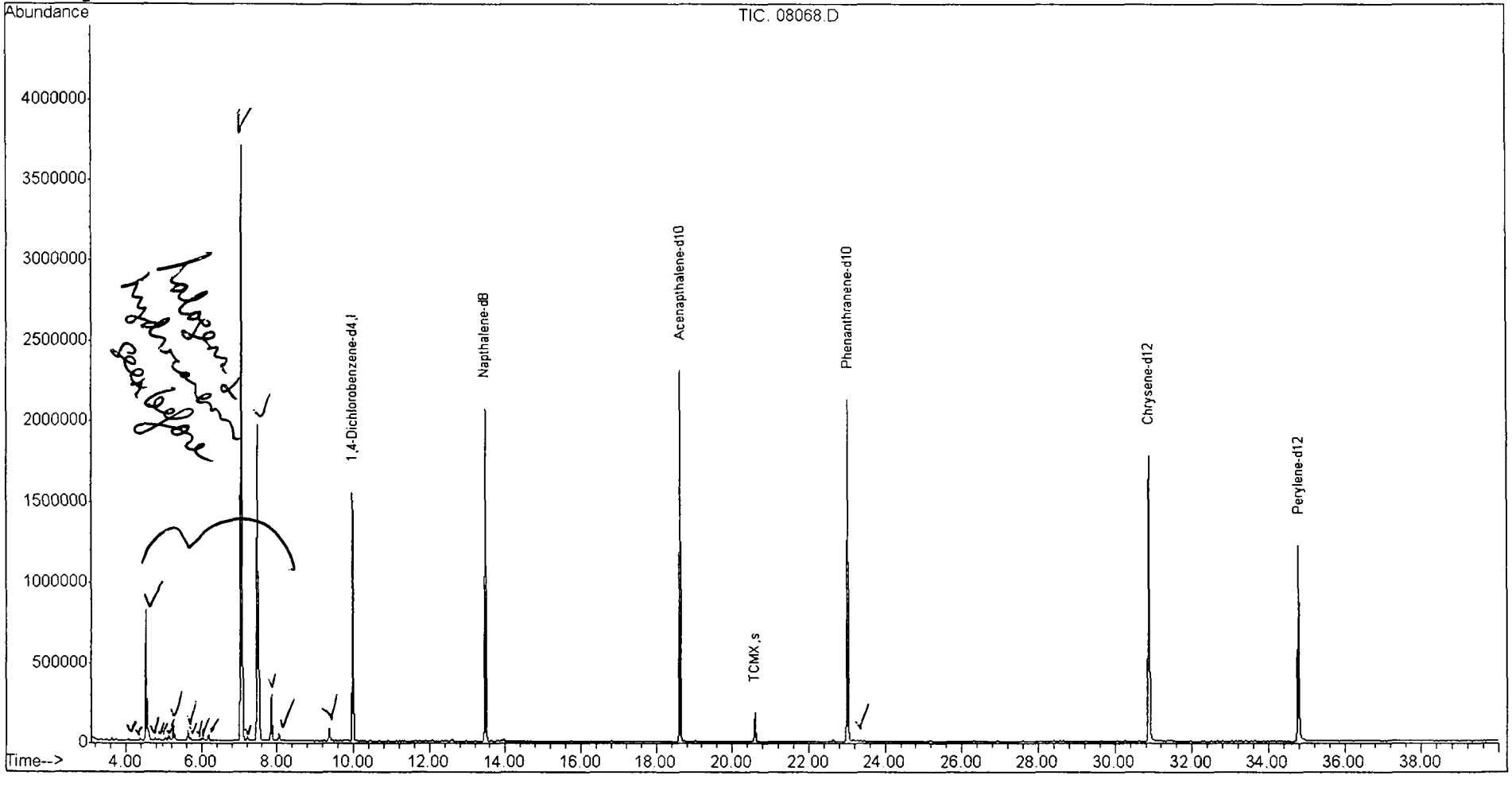
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed
08068.D 041202SCAN.M Tue Apr 16 13:56:33 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:56 2002 Quant Results File: 041202SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan

Signal : TIC

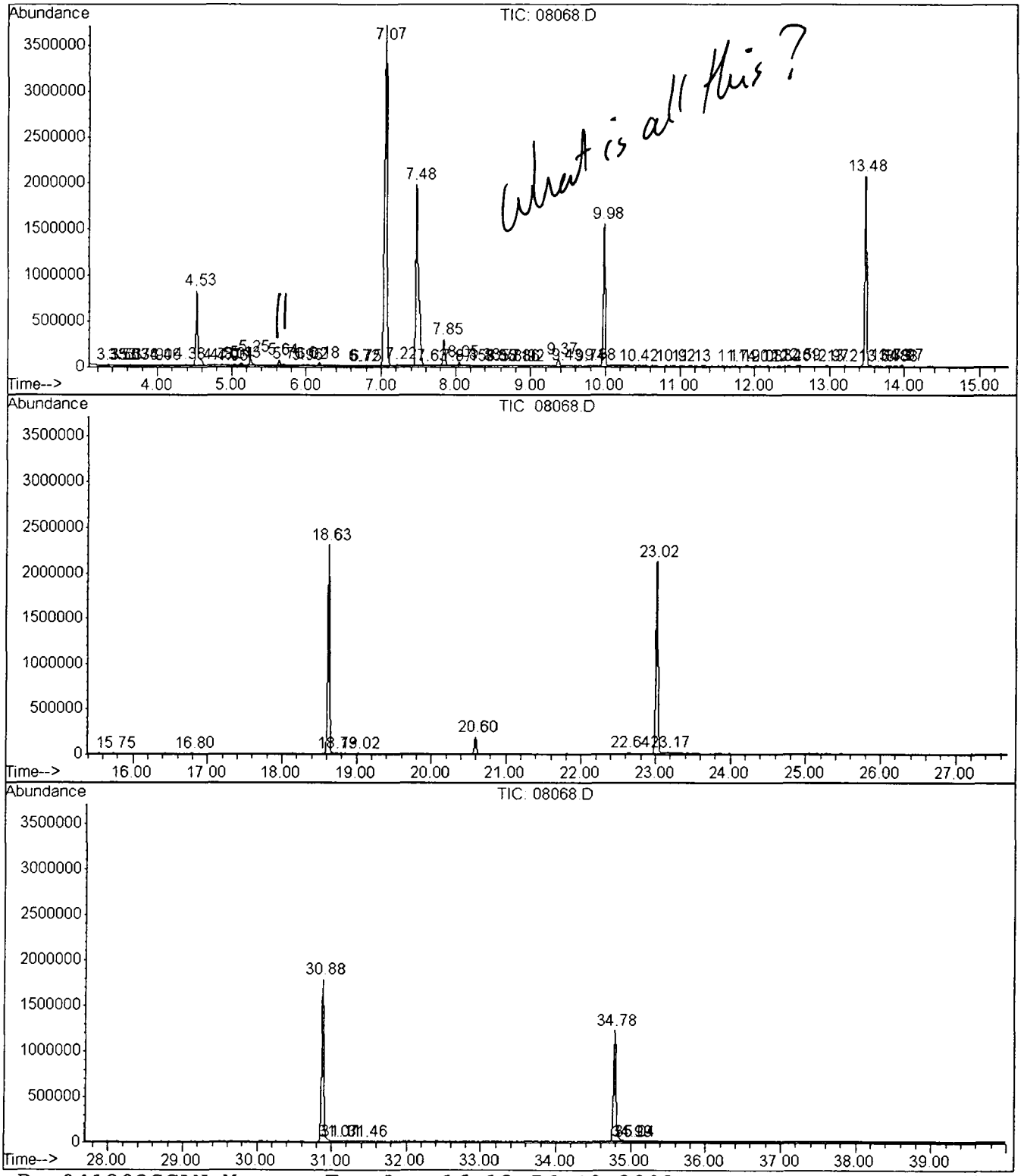
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.344	40	45	52	PV 2	7604	116021	0.14%	0.031%
2	3.496	64	71	75	PV 4	3566	63864	0.07%	0.017%
3	3.537	75	78	80	VV 2	3102	37395	0.04%	0.010%
4	3.631	89	94	100	VV 2	11051	159223	0.19%	0.042%
5	3.755	100	115	125	PV 10	3899	199785	0.23%	0.053%
6	3.943	143	147	149	VV 3	2576	31301	0.04%	0.008%
7	4.060	159	167	180	VV 3	9041	219072	0.26%	0.058%
8	4.384	214	222	239	VV 3	14908	350071	0.41%	0.093%
9	4.530	239	247	270	PV	794700	14567168	17.01%	3.871%
10	4.777	284	289	300	VV 2	11192	246399	0.29%	0.065%
11	4.871	300	305	316	VV	12464	283291	0.33%	0.075%
12	4.959	316	320	329	VV 5	2897	77797	0.09%	0.021%
13	5.042	329	334	343	VV 2	15167	292535	0.34%	0.078%
14	5.130	343	349	361	VV 2	31737	698218	0.82%	0.186%
15	5.253	361	370	389	VV	90046	1901013	2.22%	0.505%
16	5.641	427	436	441	VV	59864	1037041	1.21%	0.276%
17	5.706	441	447	462	VV 4	15681	422412	0.49%	0.112%
18	5.964	485	491	496	PV 2	12135	223036	0.26%	0.059%
19	6.023	496	501	514	VV	19516	486692	0.57%	0.129%
20	6.181	522	528	542	VV	35956	745754	0.87%	0.198%
21	6.722	614	620	623	PV 3	4801	94196	0.11%	0.025%
22	6.751	623	625	632	VV 6	2523	48604	0.06%	0.013%
23	7.069	664	679	695	VV	3650848	85648293	100.00%	22.760%
24	7.216	695	704	719	VV 2	19819	489049	0.57%	0.130%
25	7.480	731	749	770	VV	1943955	47681045	55.67%	12.671%
26	7.633	770	775	785	VV 3	4390	137319	0.16%	0.036%
27	7.844	804	811	824	VV	280135	5193707	6.06%	1.380%
28	7.974	829	833	839	VV 4	5014	88674	0.10%	0.024%
29	8.050	839	846	859	VV 3	40447	830867	0.97%	0.221%
30	8.156	859	864	875	VV 8	3766	116137	0.14%	0.031%
31	8.332	888	894	901	VV 3	6819	144373	0.17%	0.038%
32	8.549	920	931	932	VV 6	2244	61262	0.07%	0.016%
33	8.573	932	935	941	VV 5	3503	56084	0.07%	0.015%
34	8.714	952	959	961	PV 5	1729	32927	0.04%	0.009%
35	8.861	979	984	990	VV 3	4629	84592	0.10%	0.022%
36	8.919	990	994	1005	VV 5	3499	83888	0.10%	0.022%
37	9.372	1060	1071	1078	VV	79246	1516469	1.77%	0.403%

38	9.431	1078	1081	1086	VV	3	9104	150085	0.18%	0.040%
39	9.742	1127	1134	1141	PV	4	3480	72146	0.08%	0.019%
40	9.877	1147	1157	1163	VV	4	7454	167687	0.20%	0.045%
41	9.983	1166	1175	1190	VV		1511367	26334588	30.75%	6.998%
42	10.424	1248	1250	1253	VV	2	2106	23486	0.03%	0.006%
43	10.917	1330	1334	1337	VV	2	2743	38166	0.04%	0.010%
44	11.129	1368	1370	1380	VV	4	2353	44609	0.05%	0.012%
45	11.740	1470	1474	1483	VV	2	2138	51352	0.06%	0.014%
46	11.898	1496	1501	1513	VV	4	4985	120798	0.14%	0.032%
47	12.075	1527	1531	1538	VV	3	2226	46200	0.05%	0.012%
48	12.327	1569	1574	1581	VV	3	2650	61022	0.07%	0.016%
49	12.457	1581	1596	1603	VV	3	4133	116896	0.14%	0.031%
50	12.592	1608	1619	1627	VV	4	13045	273230	0.32%	0.073%
51	12.968	1672	1683	1698	PV	3	5224	137491	0.16%	0.037%
52	13.209	1720	1724	1728	VV		4971	83571	0.10%	0.022%
53	13.485	1757	1771	1784	VV		2057025	34935891	40.79%	9.284%
54	13.638	1791	1797	1803	VV	2	5107	108443	0.13%	0.029%
55	13.790	1809	1823	1833	VV	9	7972	241804	0.28%	0.064%
56	13.878	1833	1838	1846	VV	6	2454	73791	0.09%	0.020%
57	13.967	1846	1853	1862	VV	4	12937	249991	0.29%	0.066%
58	15.747	2153	2156	2168	VV	4	2252	29013	0.03%	0.008%
59	16.805	2331	2336	2342	VV	4	2441	44176	0.05%	0.012%
60	18.632	2632	2647	2660	VV		2279922	40490419	47.28%	10.760%
61	18.726	2660	2663	2670	VV	4	1932	53643	0.06%	0.014%
62	19.025	2710	2714	2720	VV	2	2134	34022	0.04%	0.009%
63	20.600	2973	2982	2989	VV		181492	3238798	3.78%	0.861%
64	22.645	3324	3330	3338	VV	2	11673	211355	0.25%	0.056%
65	23.021	3383	3394	3412	PV	2	2131359	40109476	46.83%	10.659%
66	23.174	3412	3420	3429	VV	2	14794	349439	0.41%	0.093%
67	30.882	4713	4732	4760	PV	2	1780356	36304197	42.39%	9.647%
68	31.065	4760	4763	4769	VV	2	3859	94890	0.11%	0.025%
69	31.106	4769	4770	4776	VV	3	2919	53677	0.06%	0.014%
70	31.458	4824	4830	4836	PV	5	2214	50089	0.06%	0.013%
71	34.784	5384	5396	5430	PV	2	1200768	27400353	31.99%	7.281%
72	34.995	5430	5432	5438	VV	2	2948	40615	0.05%	0.011%
73	35.042	5438	5440	5442	VV	2	856	5902	0.01%	0.002%

Sum of corrected areas: 376306883

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08068.D
Operator : Nefliu
Acquired : 16 Apr 2002 6:25 am using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 25
Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

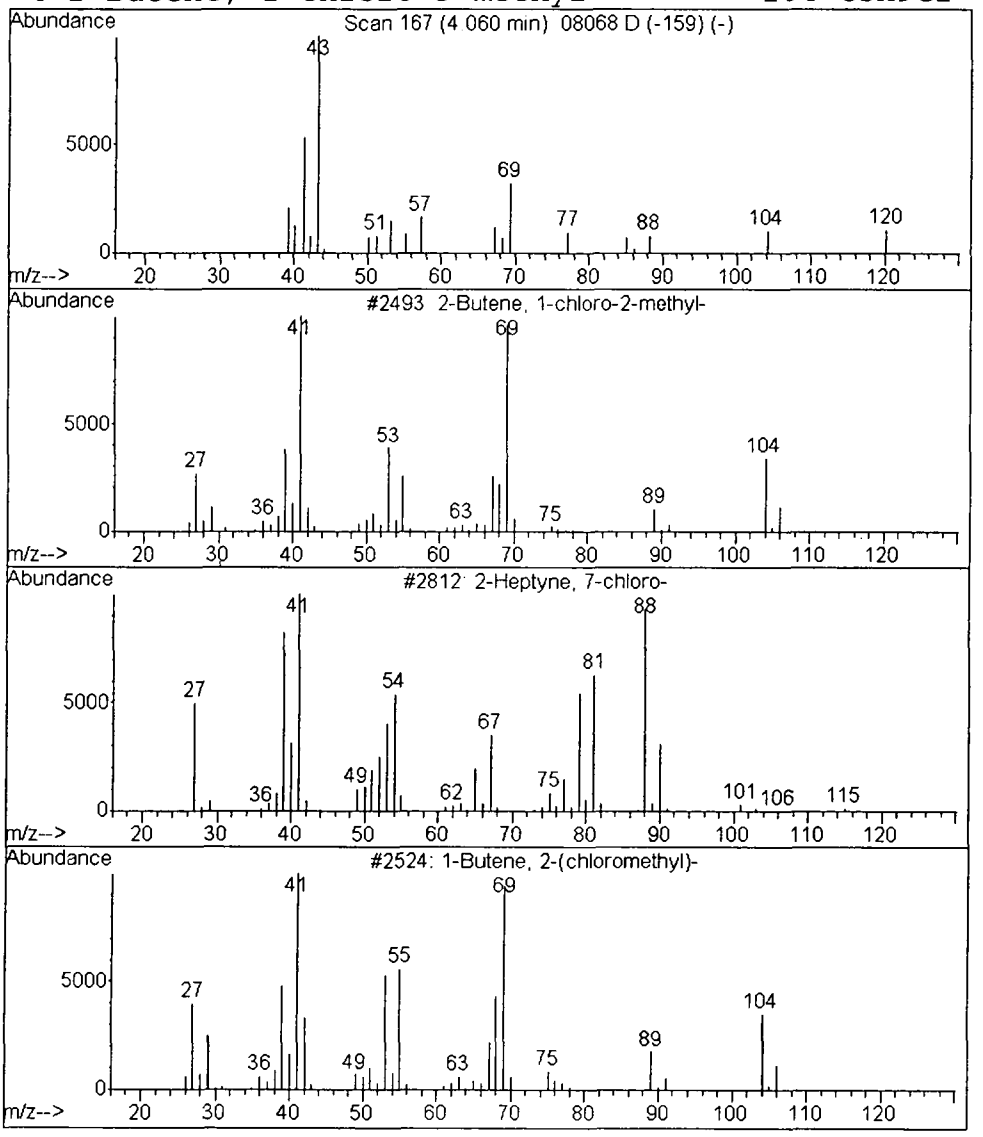
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

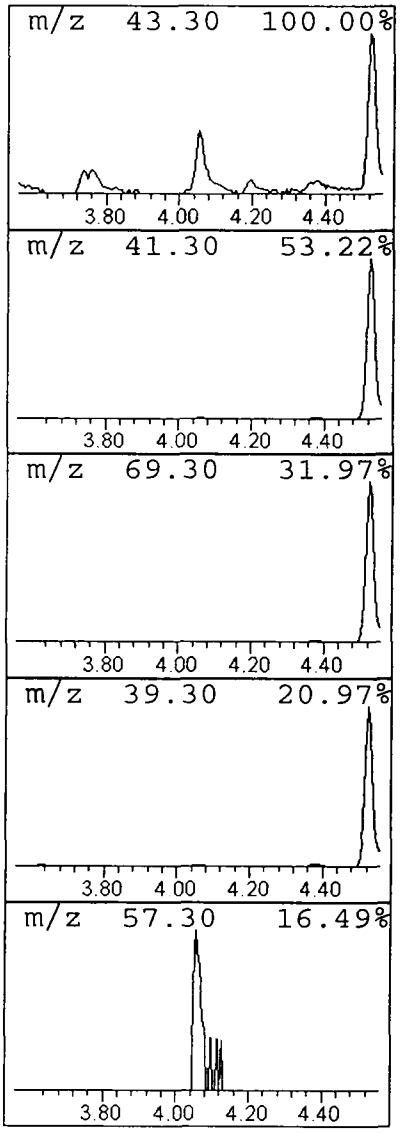
****

Peak Number 1 2-Butene, 1-chloro-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.06	0.33 ug/L	219072	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	14
2	2-Heptyne, 7-chloro-	130	C7H11Cl	070396-13-3	10
3	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	9
4	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

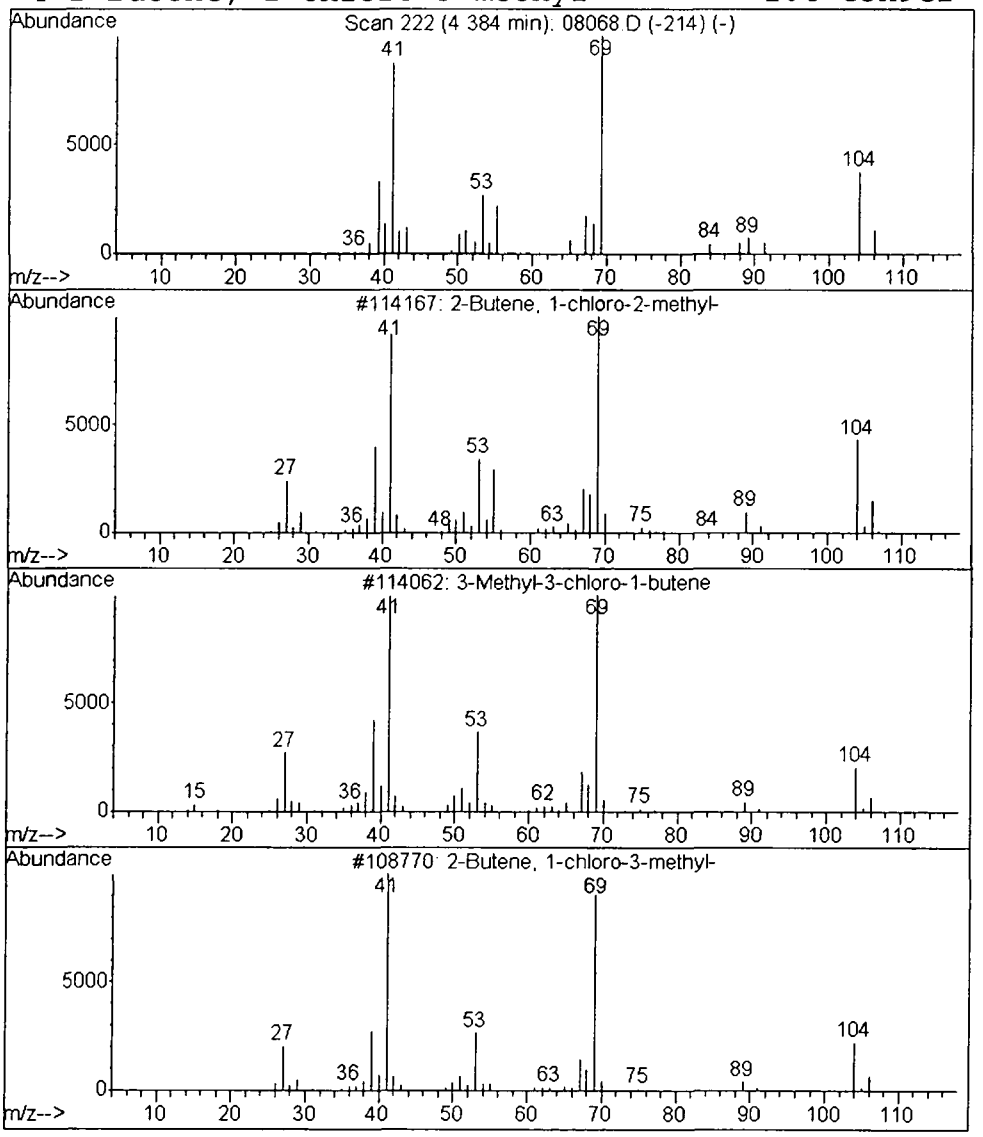
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

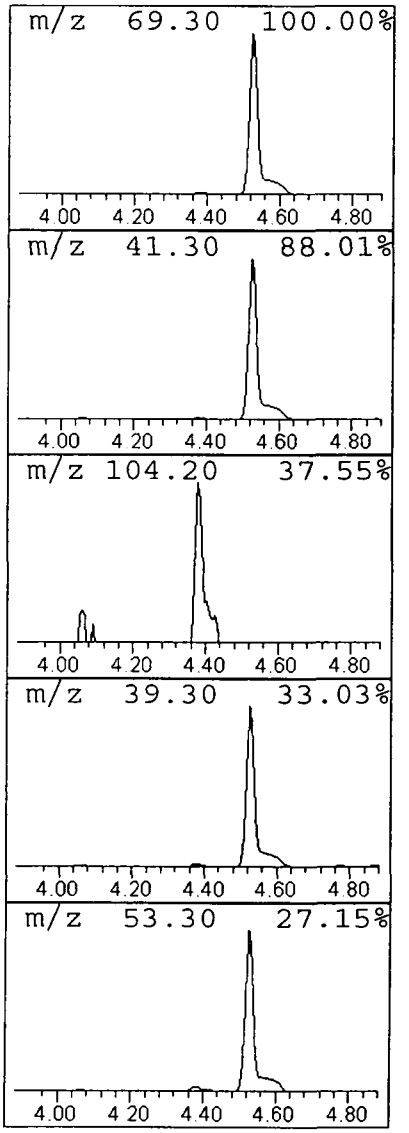
****

Peak Number 2 2-Butene, 1-chloro-2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.38	0.53 ug/L	350071	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-chloro-2-methyl-	104	C5H9Cl	013417-43-1	91
2	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	91
3	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	83
4	2-Butene, 1-chloro-3-methyl-	104	C5H9Cl	000503-60-6	72





Library Search Compound Report

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Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

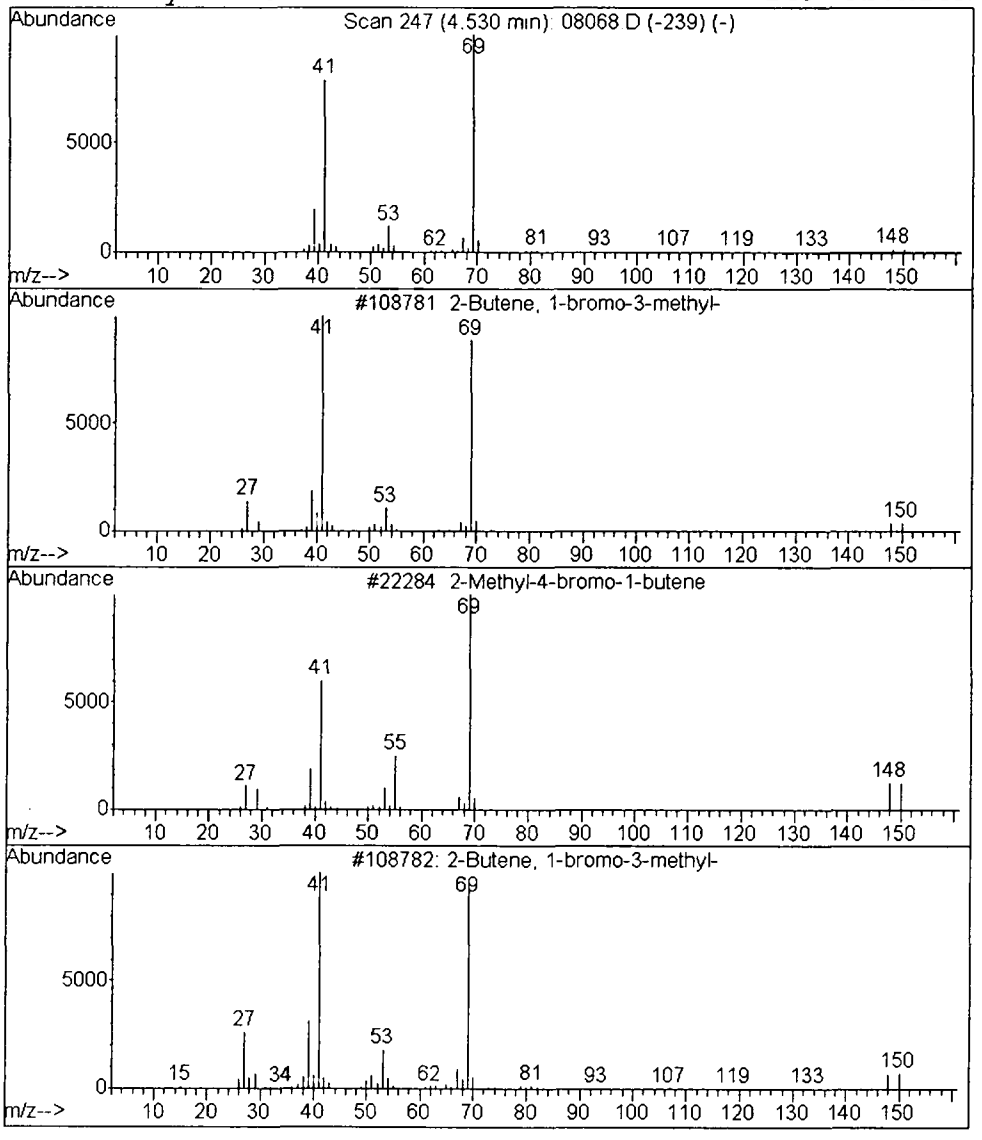
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

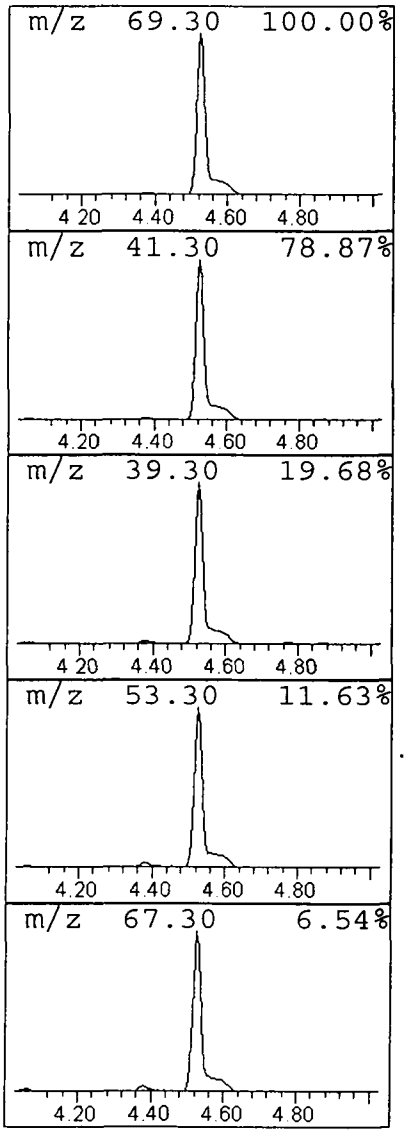
****

Peak Number 3 2-Butene, 1-bromo-3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	22.13 ug/L	14567200	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	83
2	2-Methyl-4-bromo-1-butene	148	C5H9Br	020038-12-4	83
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	72
4	Geranyl nitrile	149	C10H15N	101660-61-1	56





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D
Acq On : 16 Apr 2002 6:25 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

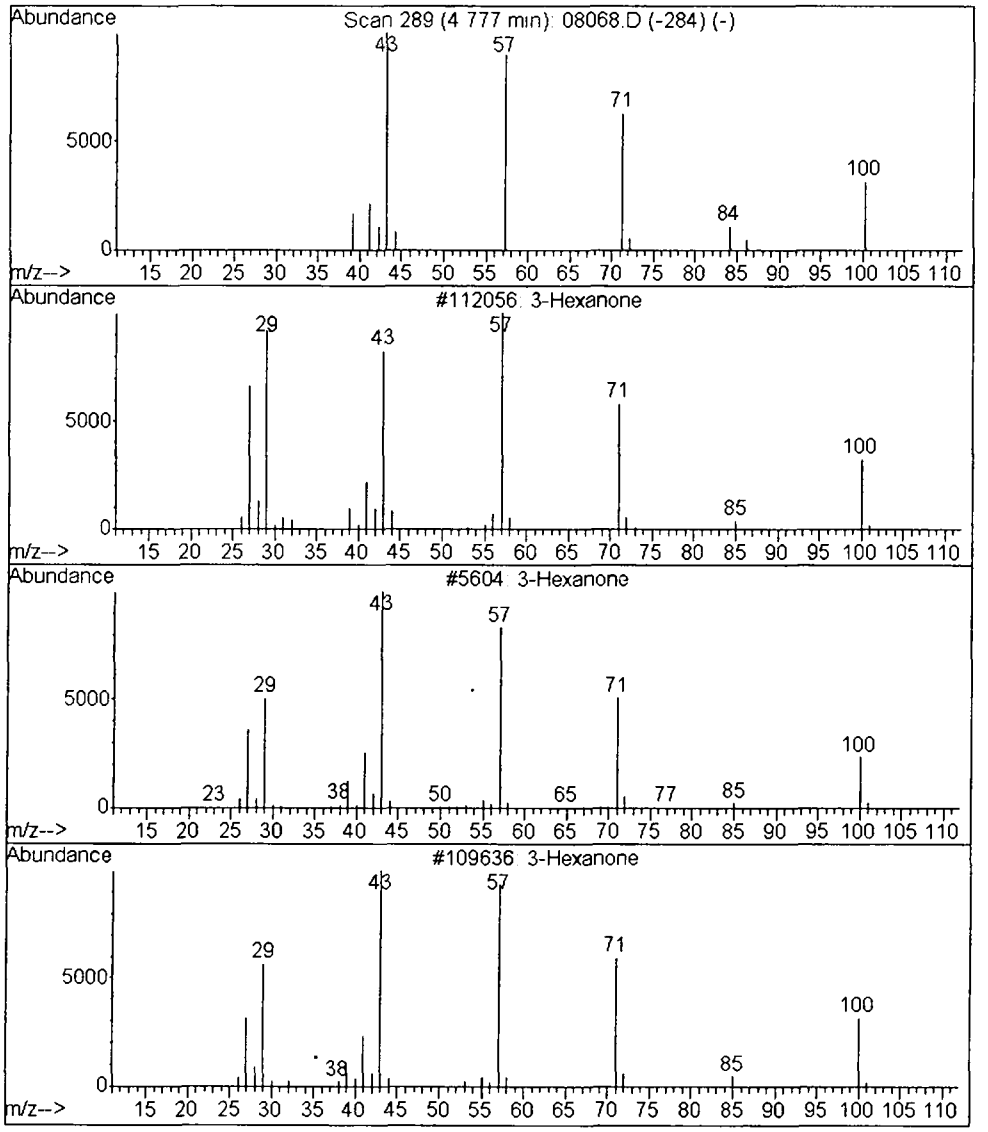
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

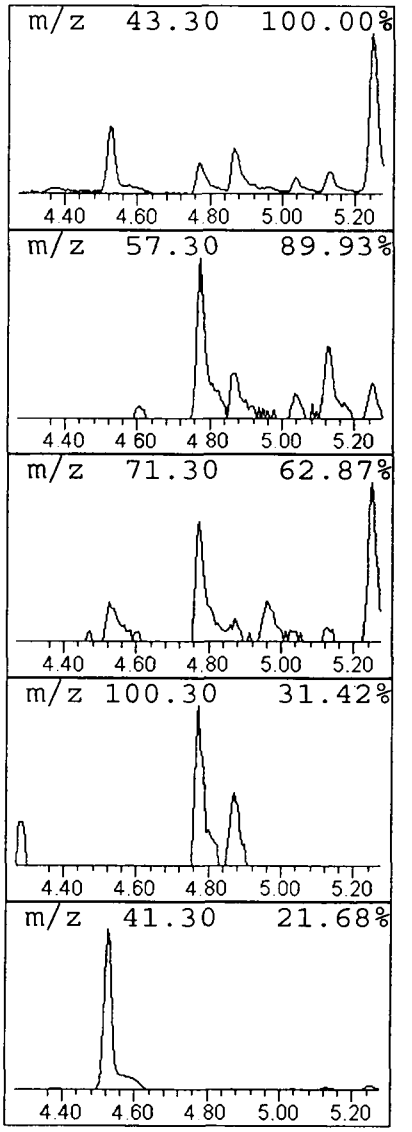
****

Peak Number 4 3-Hexanone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	0.37 ug/L	246399	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	80
2	3-Hexanone	100	C6H12O	000589-38-8	72
3	3-Hexanone	100	C6H12O	000589-38-8	72
4	3-Hexanone	100	C6H12O	000589-38-8	72





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D
Acq On : 16 Apr 2002 6:25 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

Vial: 25
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

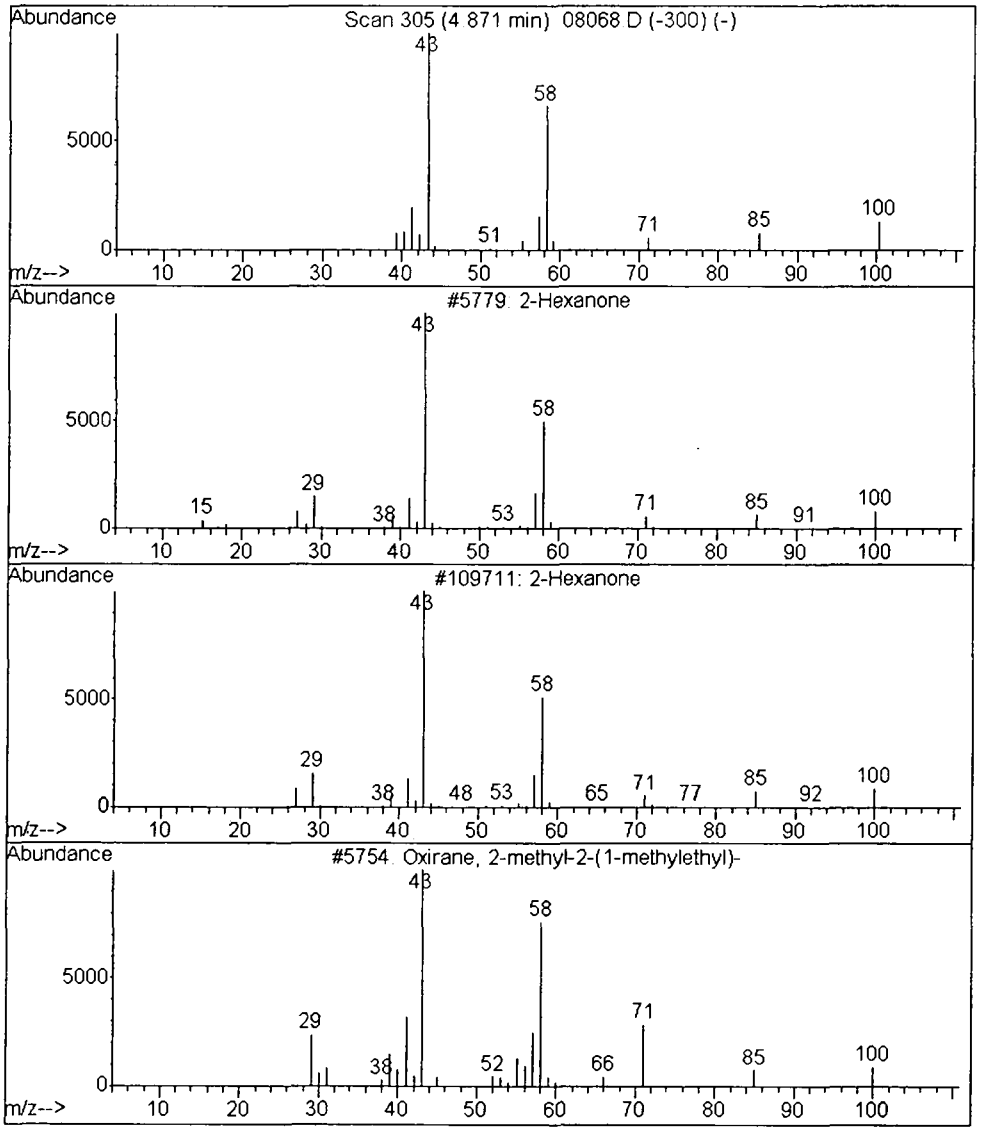
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

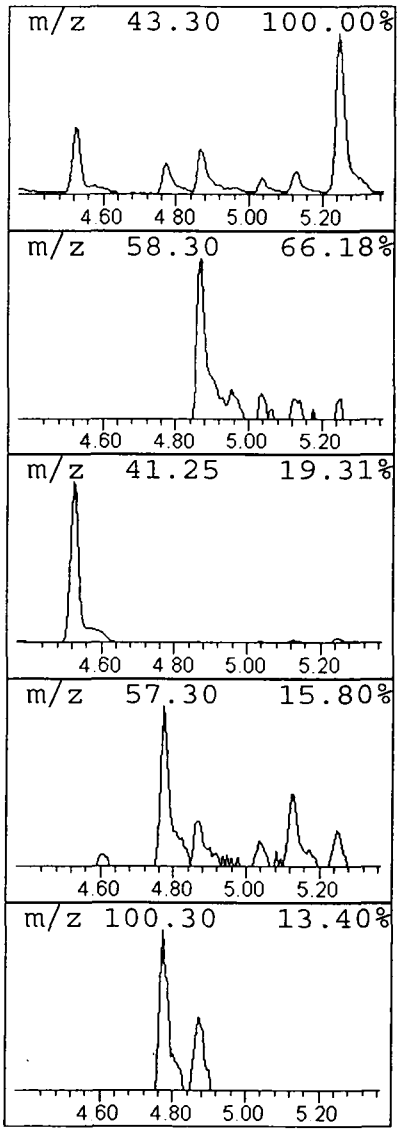
****

Peak Number 5 2-Hexanone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	0.43 ug/L	283291	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	86
2	2-Hexanone	100	C6H12O	000591-78-6	86
3	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	72
4	2-Hexanone	100	C6H12O	000591-78-6	64





Library Search Compound Report

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Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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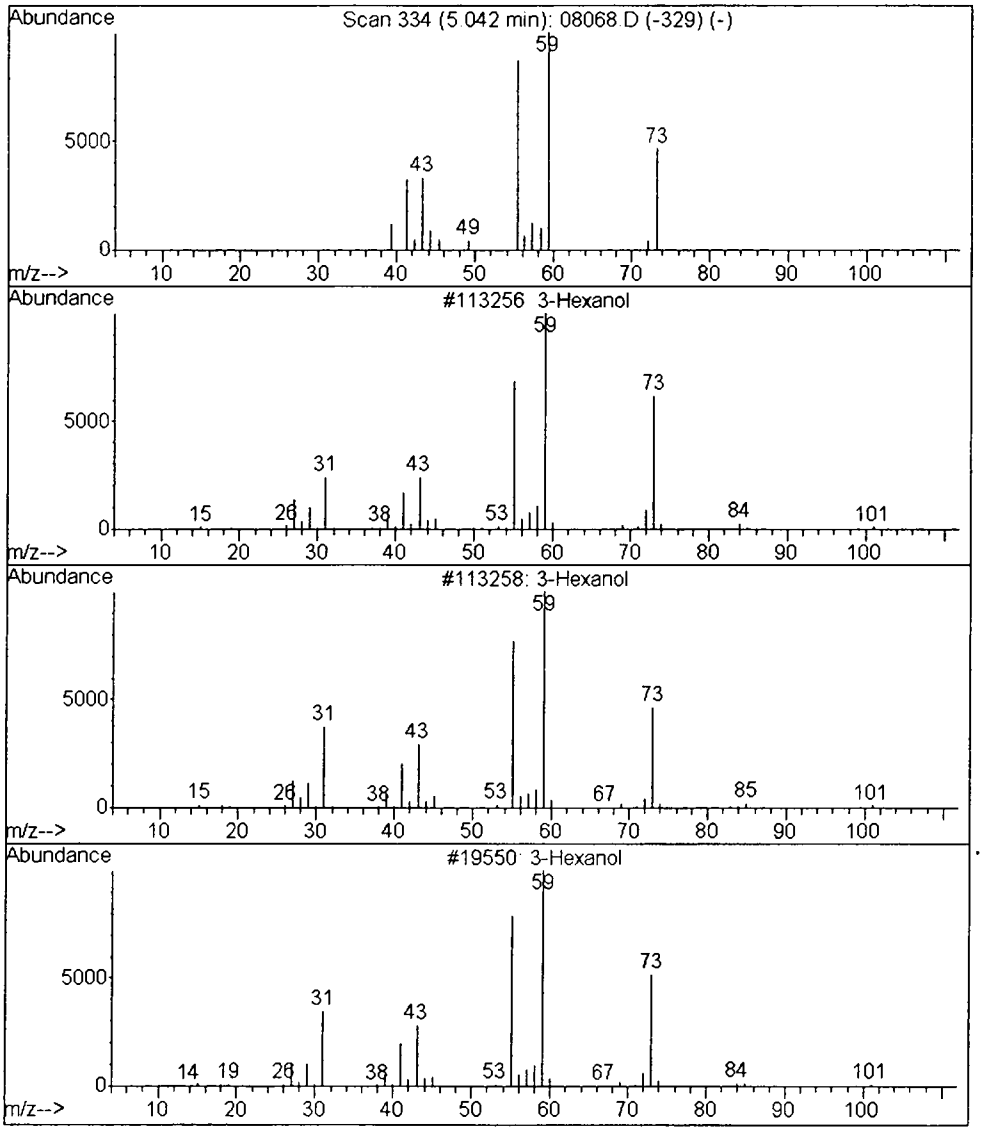
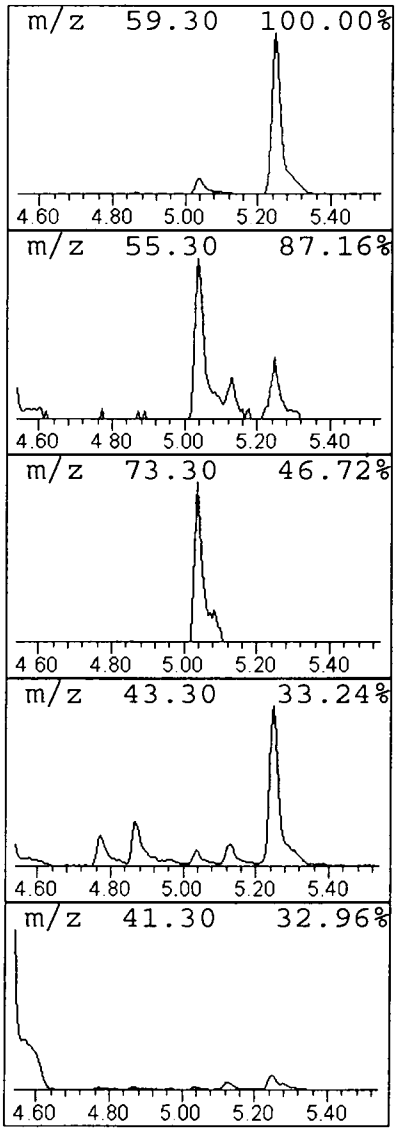
Peak Number 6 3-Hexanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.44 ug/L	292535	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	78
2	3-Hexanol	102	C6H14O	000623-37-0	74
3	3-Hexanol	102	C6H14O	000623-37-0	74
4	3-Hexanol	102	C6H14O	000623-37-0	74





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

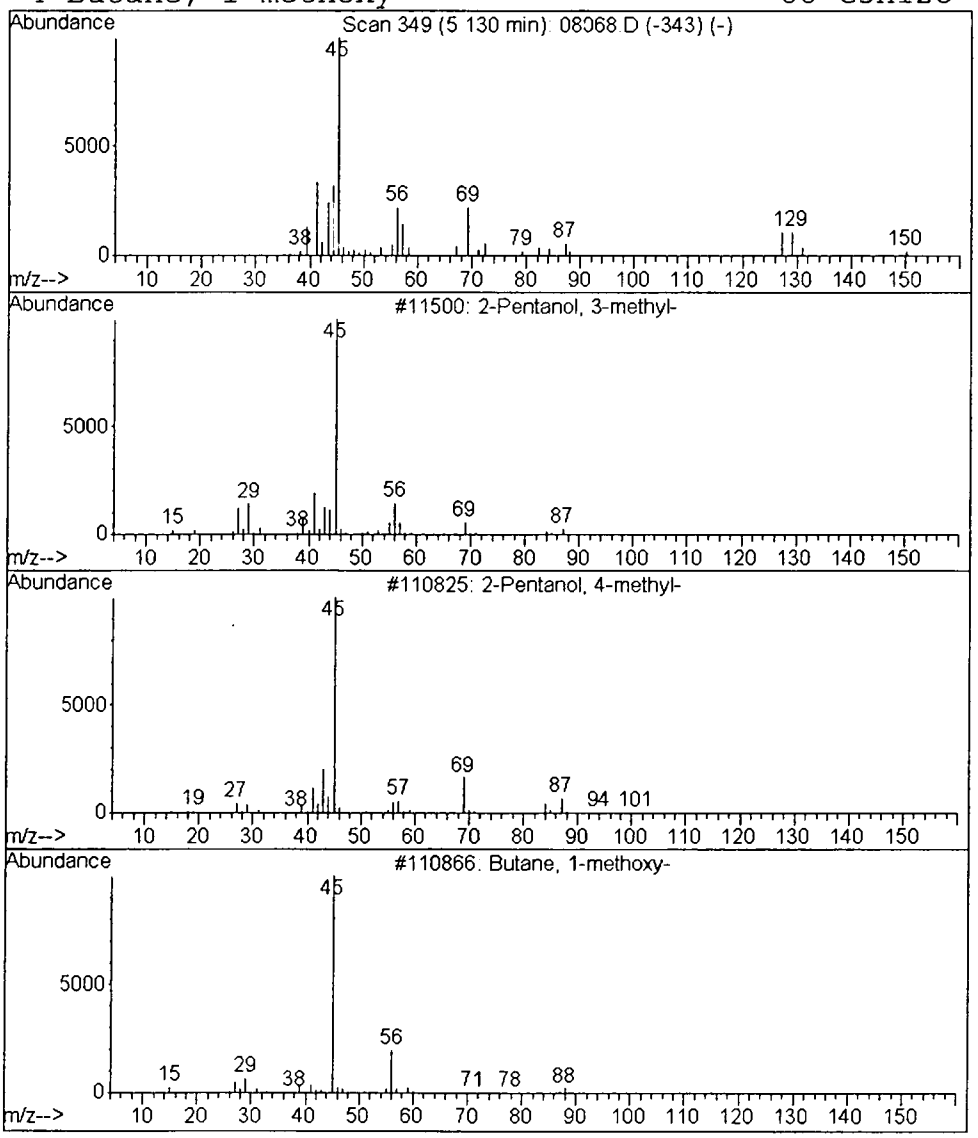
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

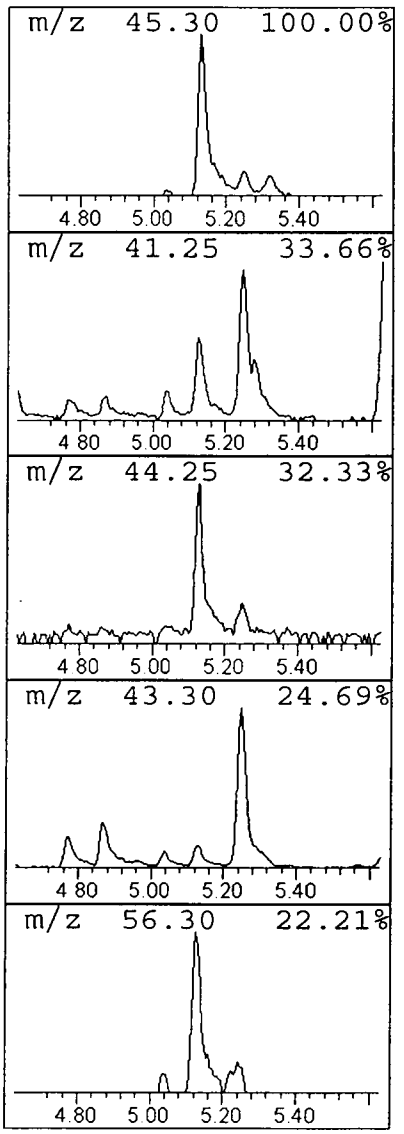
****

Peak Number 7 2-Pentanol, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	1.06 ug/L	698218	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	53
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	47
3	Butane, 1-methoxy-	88	C5H12O	000628-28-4	40
4	Butane, 1-methoxy-	88	C5H12O	000628-28-4	40





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Library : C:\DATABASE\NIST98.L

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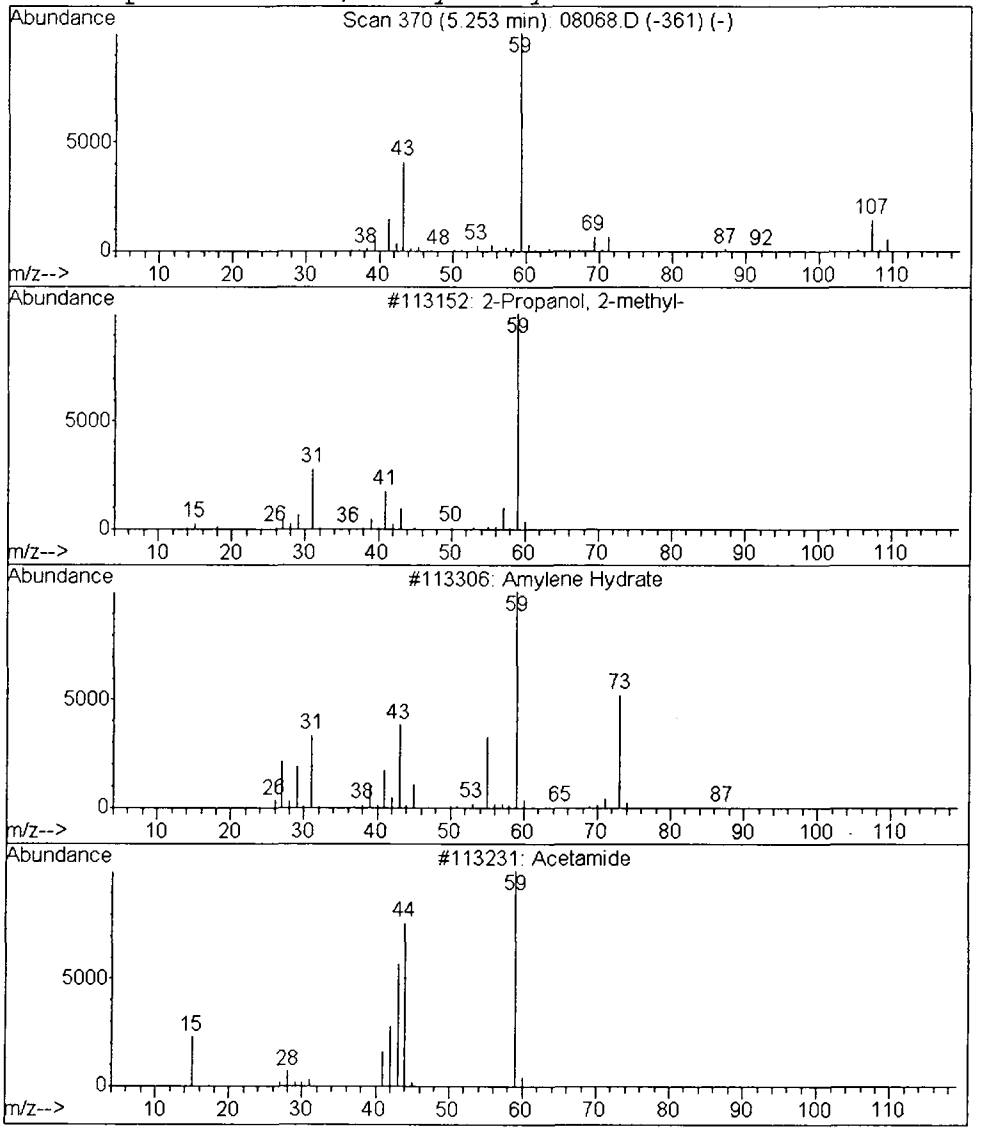
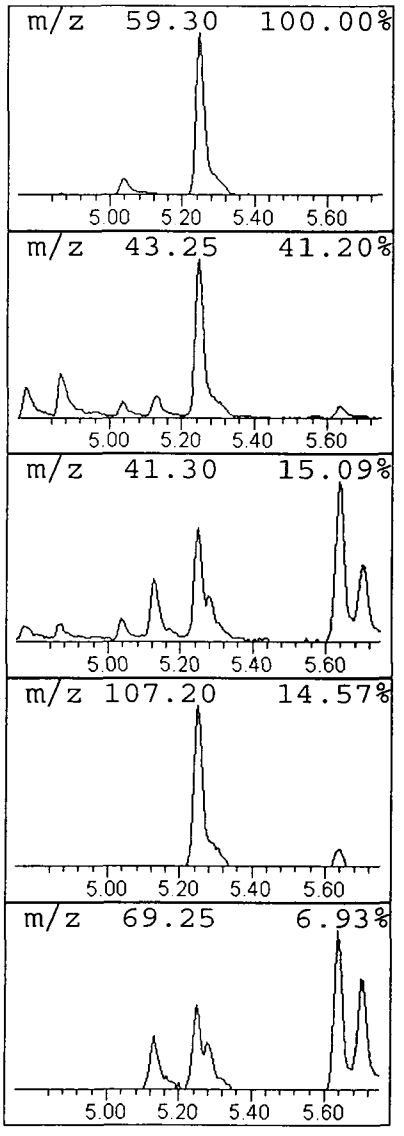
Peak Number 8 2-Propanol, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	2.89 ug/L	1901010	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
2	Amylene Hydrate	88	C5H12O	000075-85-4	36
3	Acetamide	59	C2H5NO	000060-35-5	36
4	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	36





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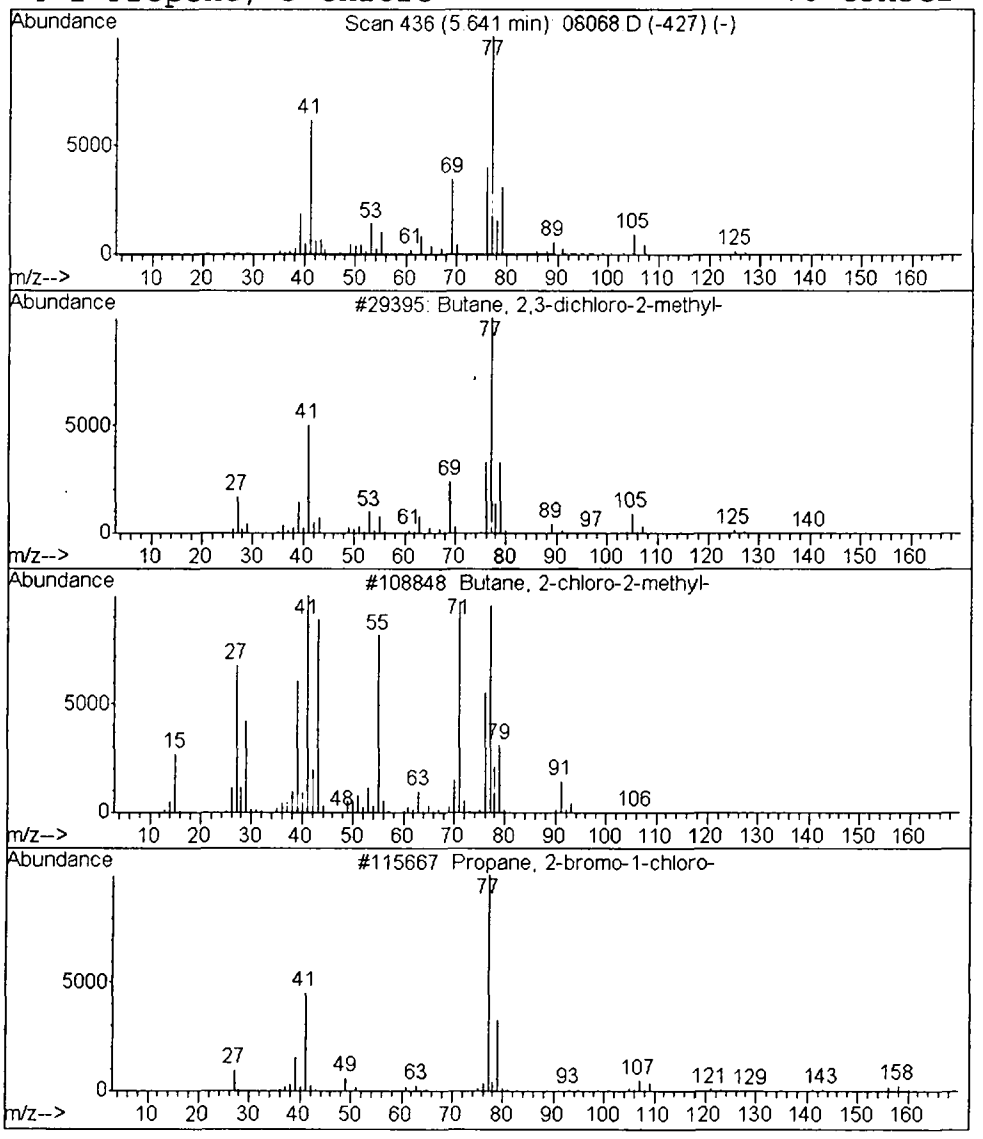
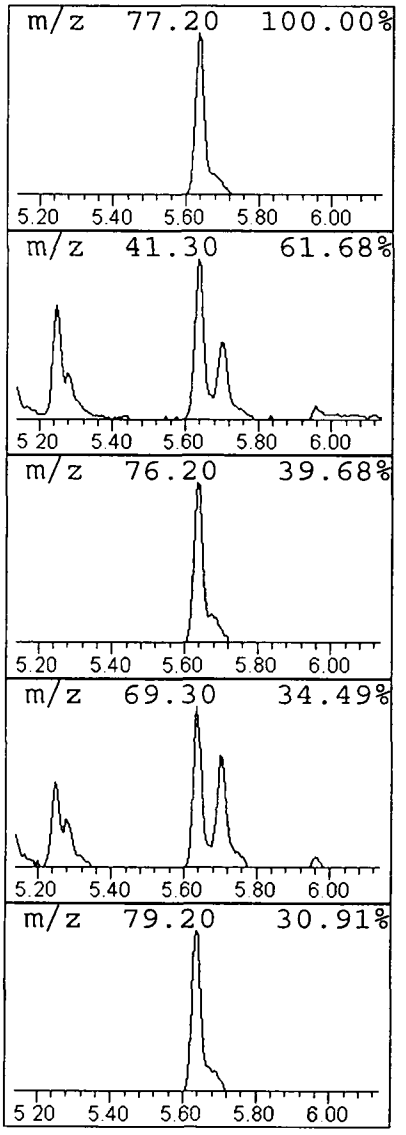
Peak Number 9 Butane, 2,3-dichloro-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	1.58 ug/L	1037040	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	83
2	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	39
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	38
4	1-Propene, 3-chloro-	76	C3H5Cl	000107-05-1	18





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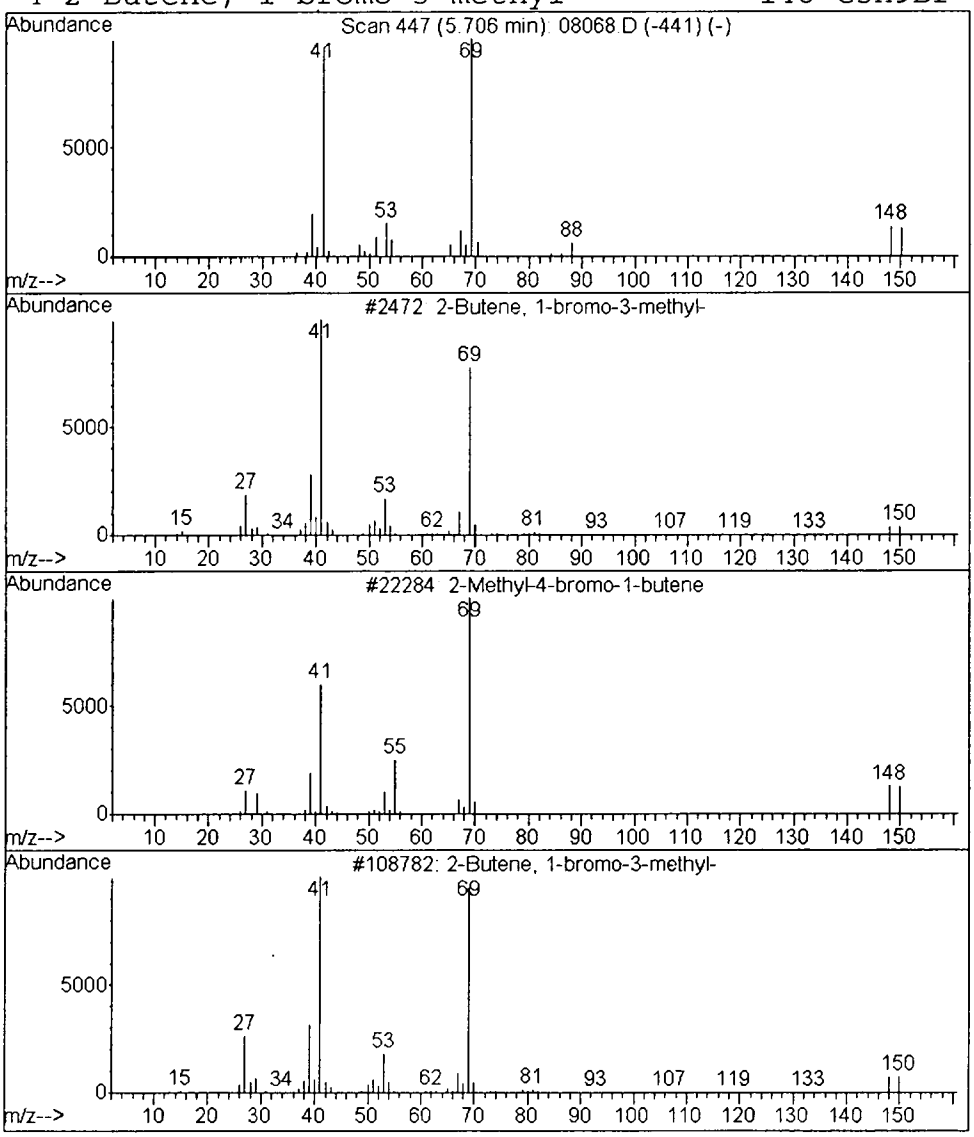
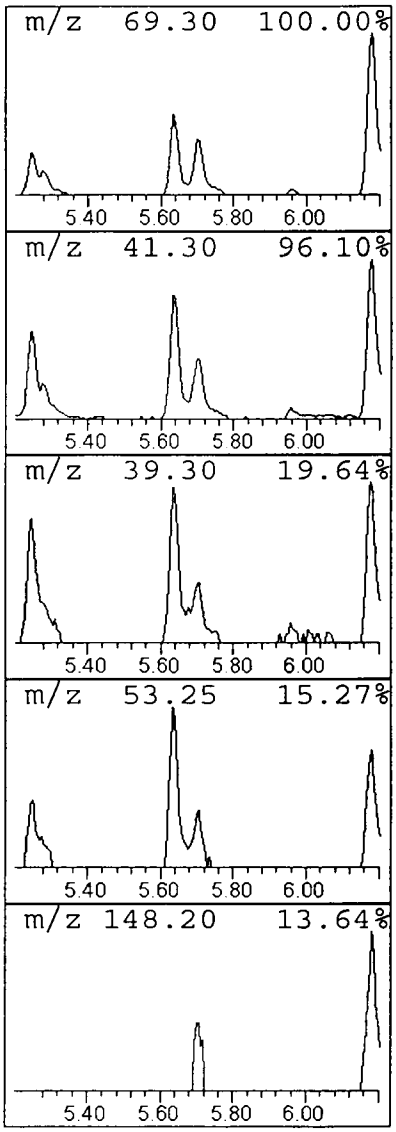
Peak Number 10 2-Butene, 1-bromo-3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	0.64 ug/L	422412	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	78
2	2-Methyl-4-bromo-1-butene	148	C5H9Br	020038-12-4	72
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	53
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50





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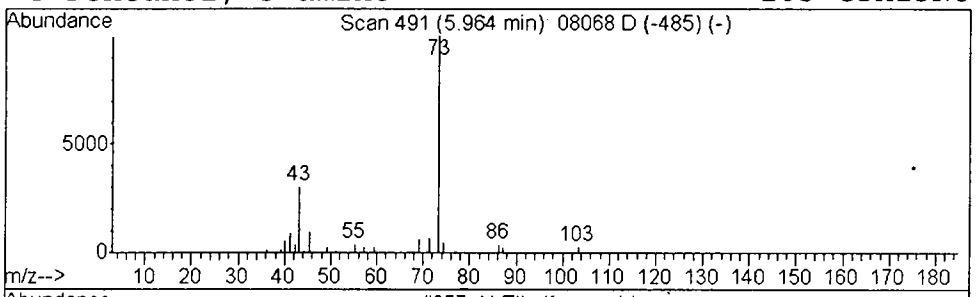
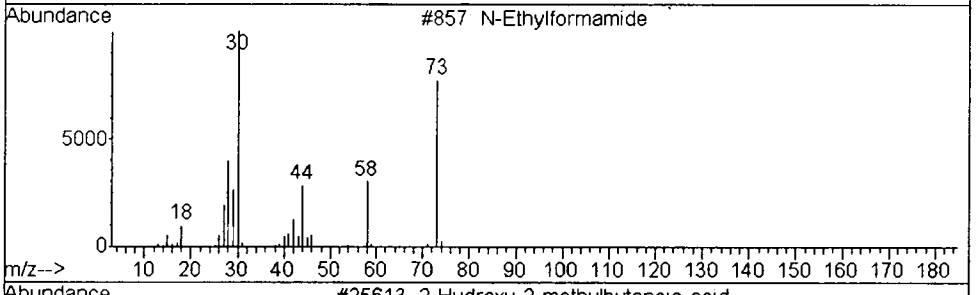
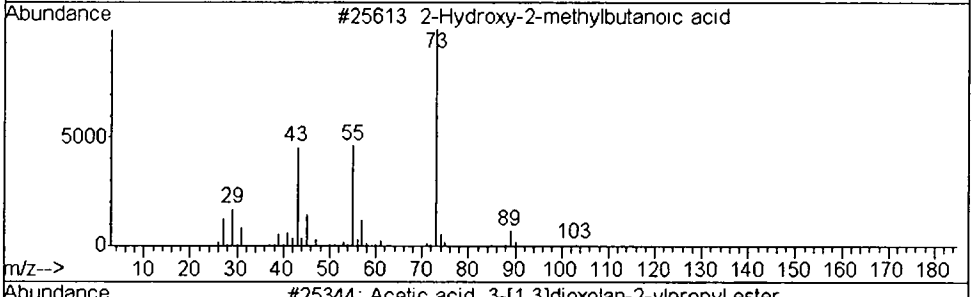
Peak Number 11 N-Ethylformamide Concentration Rank 19

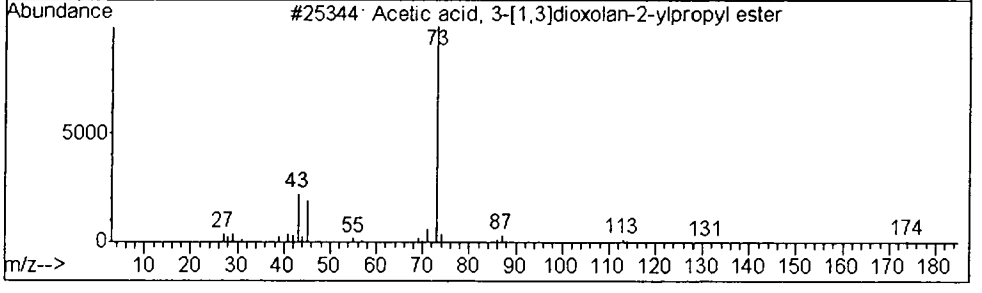
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.34 ug/L	223036	1,4-Dichlorobenzene-d4	9.99

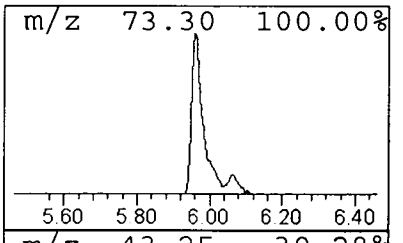
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	2-Hydroxy-2-methylbutanoic acid	118	C5H10O3	1000196-27-1	9
3	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9
4	Pentanol, 5-amino-	103	C5H13NO	002508-29-4	7

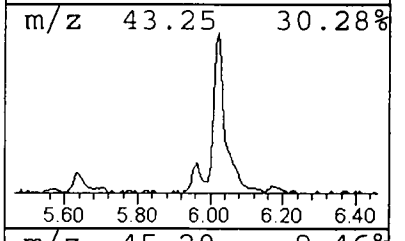


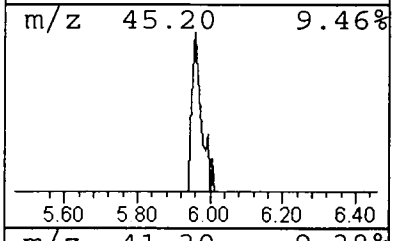


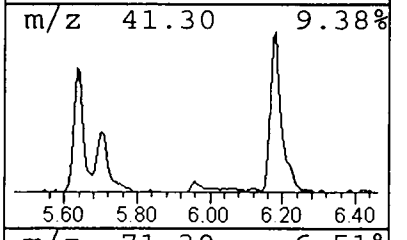


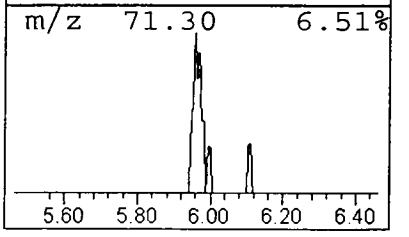












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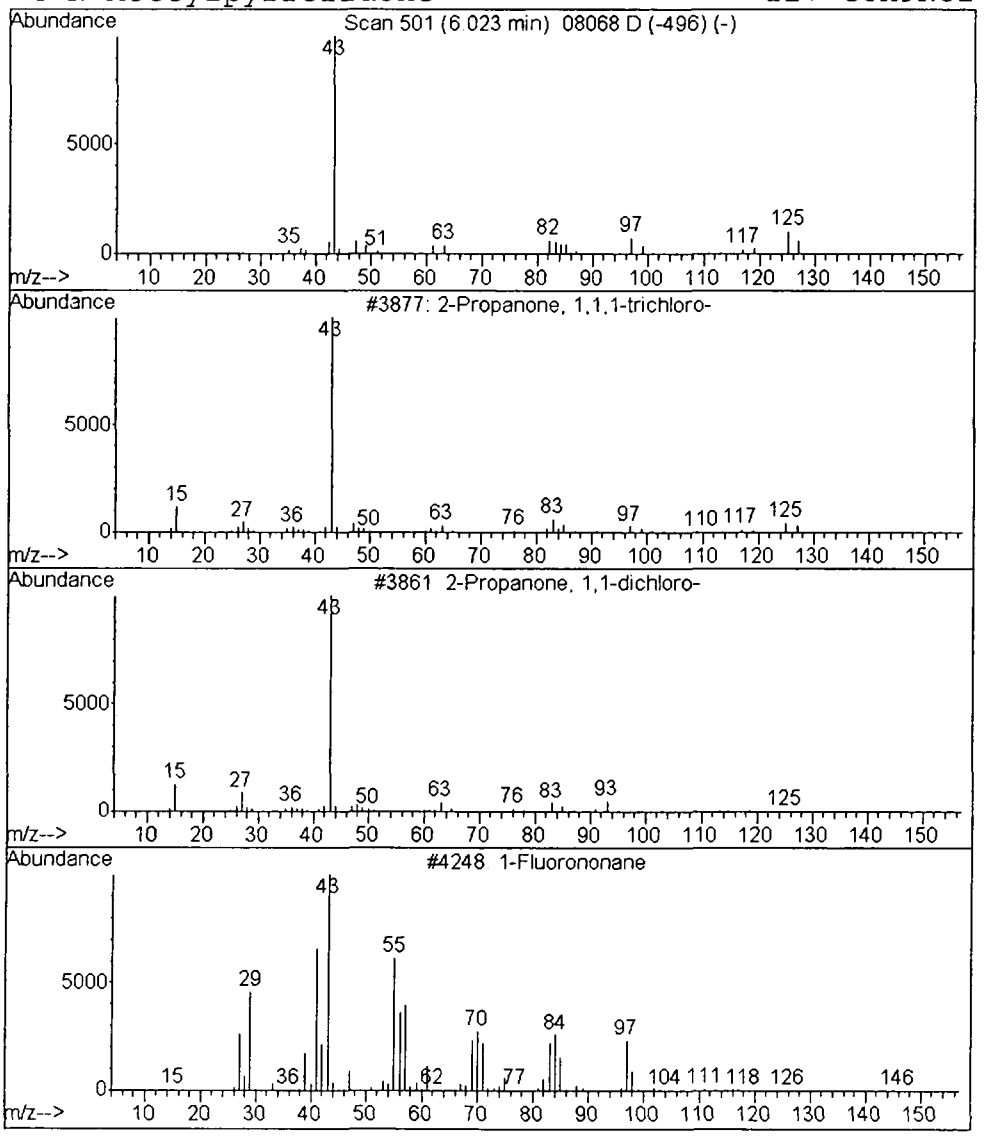
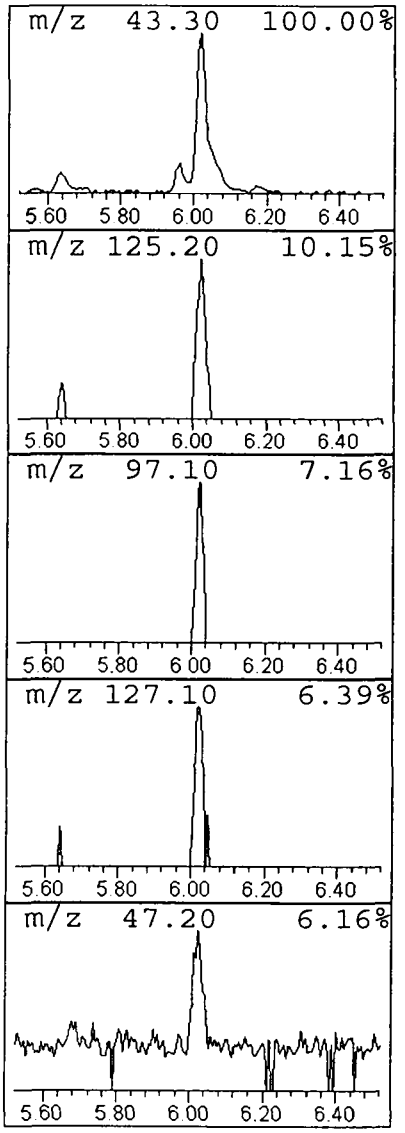
Peak Number 12 2-Propanone, 1,1,1-trichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	0.74 ug/L	486692	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	50
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	1-Fluorononane	146	C9H19F	000463-18-3	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7





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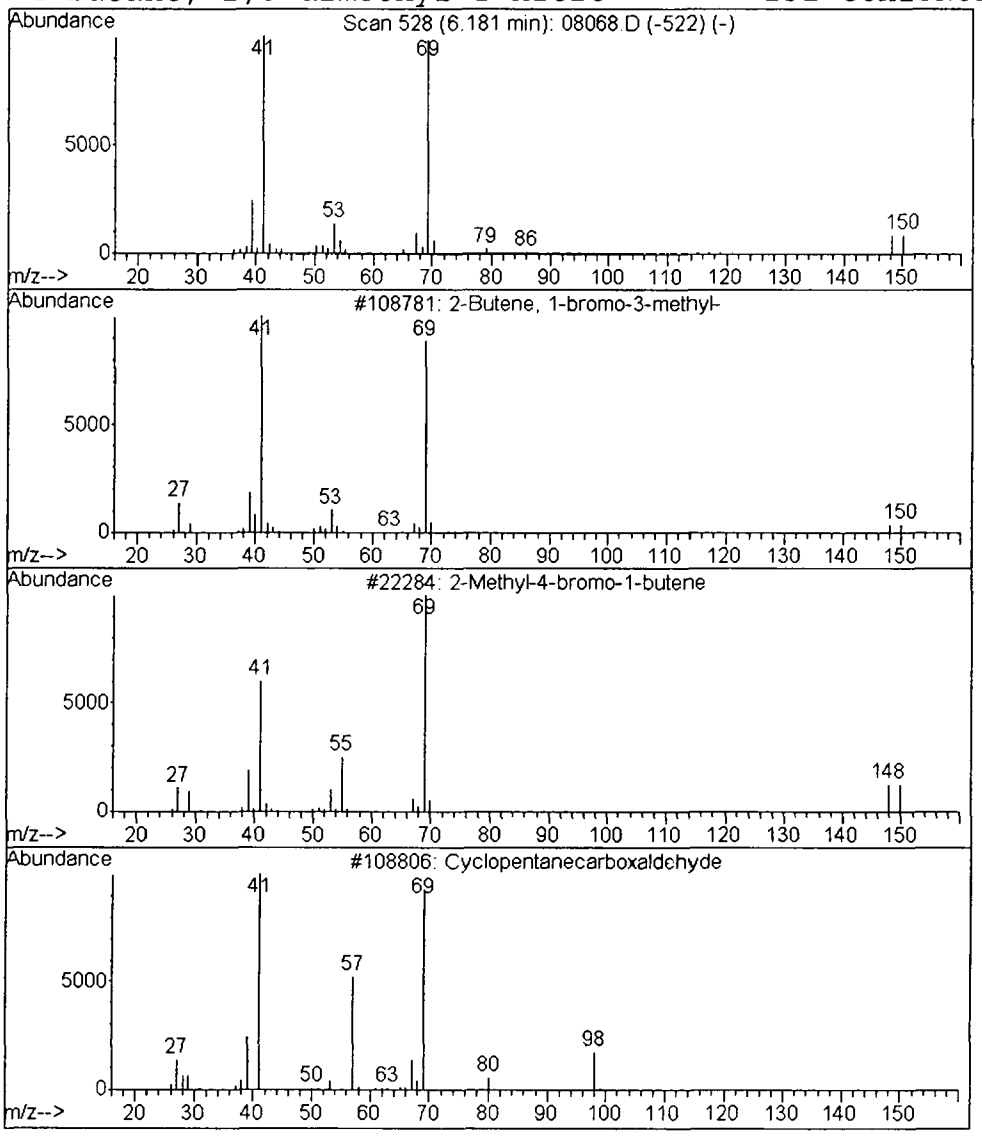
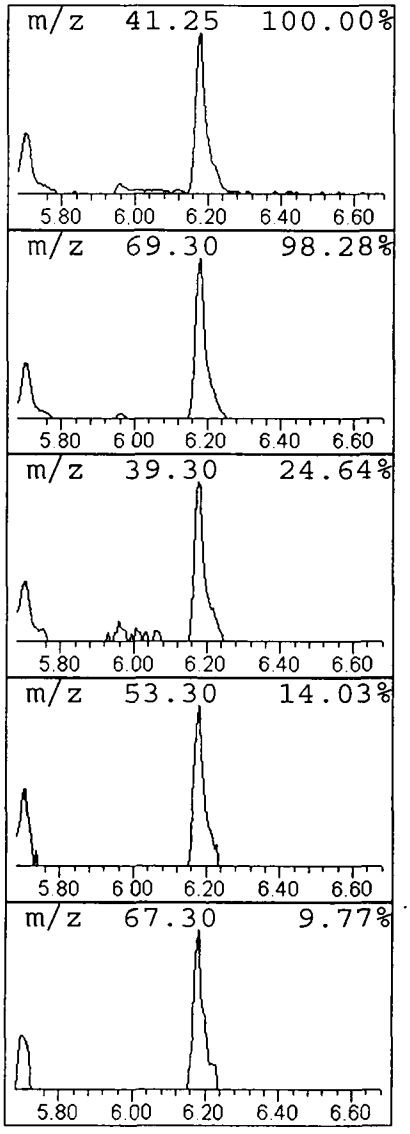
Peak Number 13 2-Butene, 1-bromo-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	1.13 ug/L	745754	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	91
2	2-Methyl-4-bromo-1-butene	148	C5H9Br	020038-12-4	83
3	Cyclopentanecarboxaldehyde	98	C6H10O	000872-53-7	59
4	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	56





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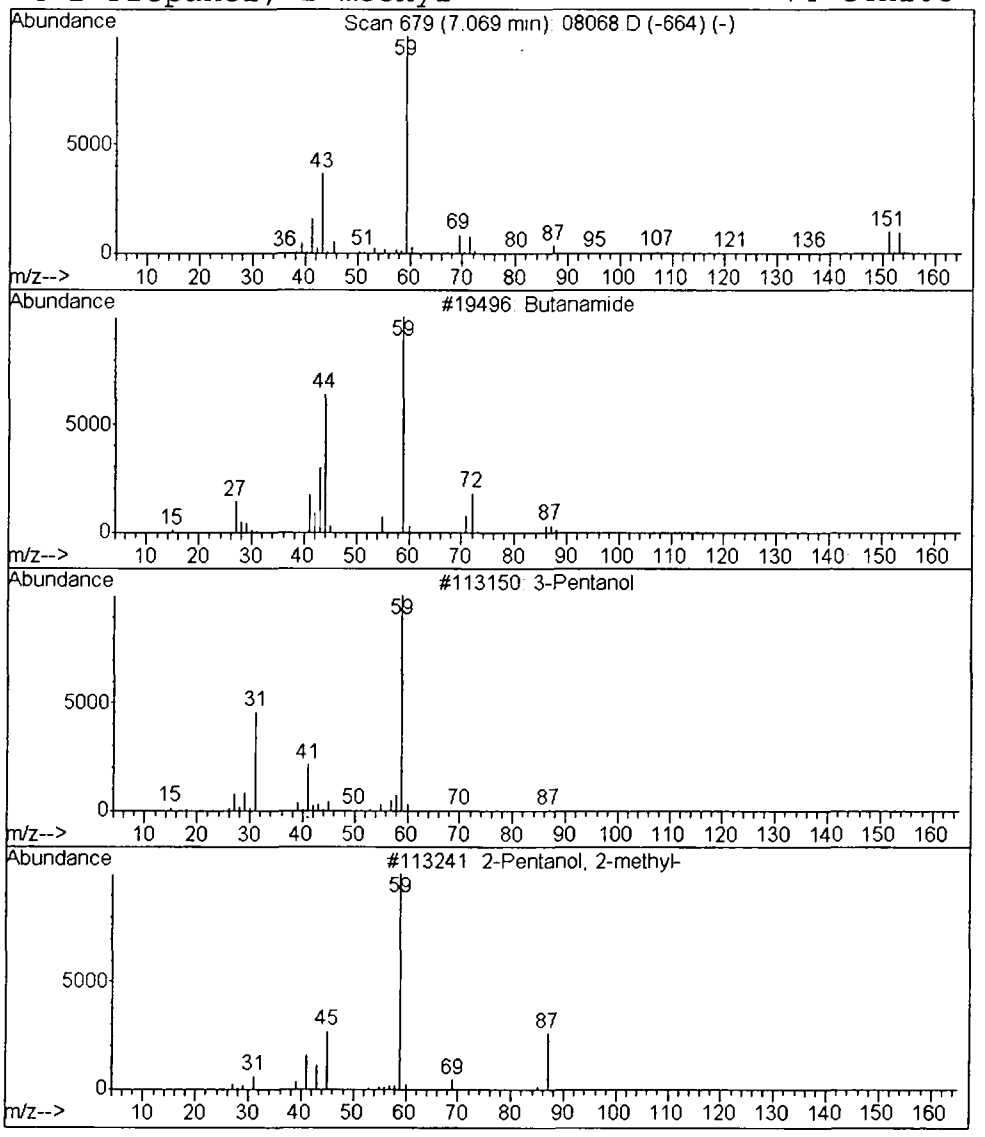
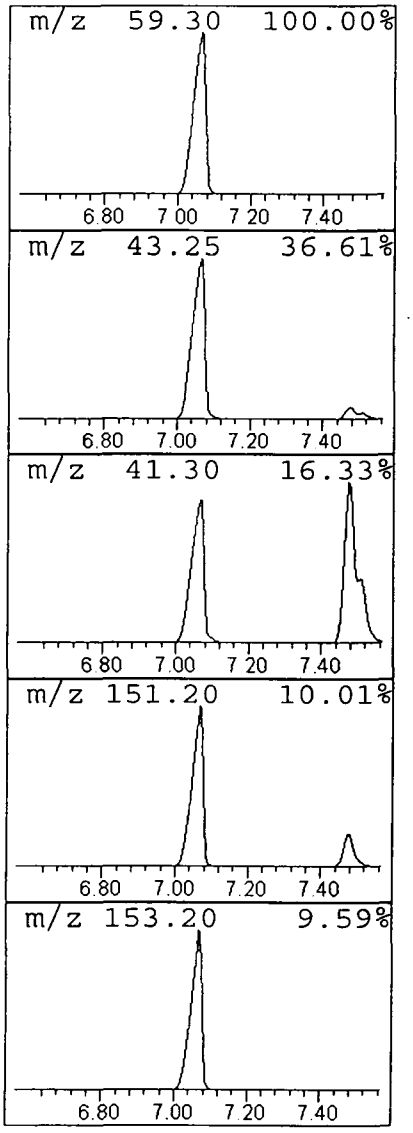
Peak Number 14 Butanamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	130.09 ug/L	85648300	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	38
2	3-Pentanol	88	C5H12O	000584-02-1	36
3	2-Pentanol, 2-methyl-	102	C6H14O	000590-36-3	36
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	33





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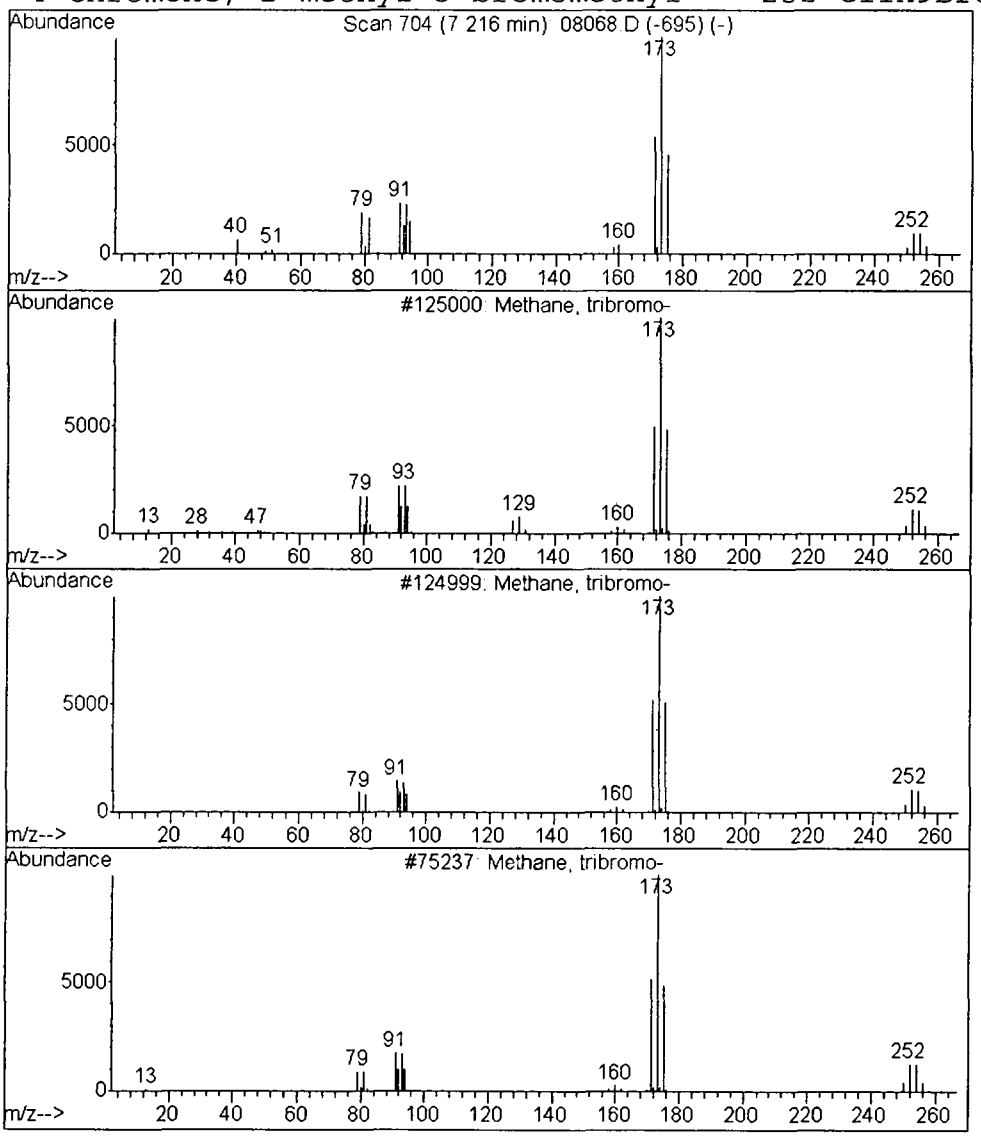
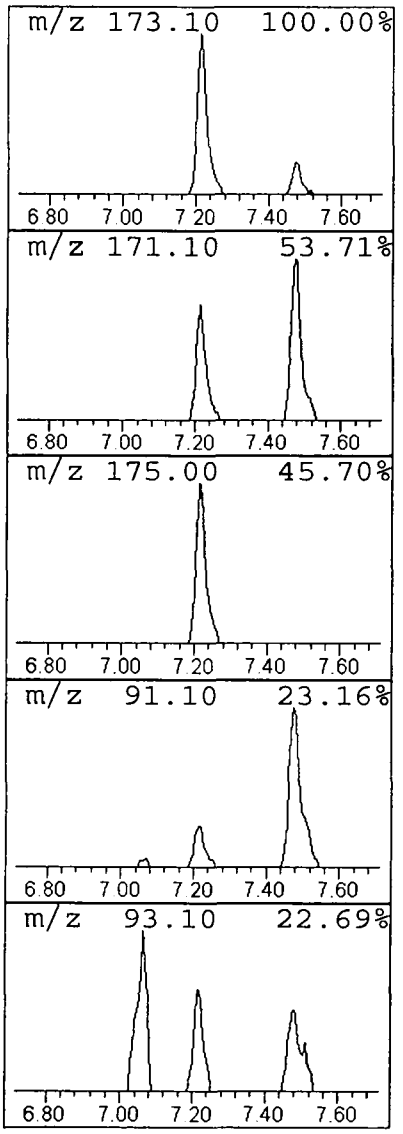
Peak Number 15 Methane, tribromo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	0.74 ug/L	489049	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, tribromo-	250	CHBr3	000075-25-2	98
2	Methane, tribromo-	250	CHBr3	000075-25-2	97
3	Methane, tribromo-	250	CHBr3	000075-25-2	97
4	Chromone, 2-methyl-3-bromomethyl-	252	C11H9BrO2	117970-61-3	25





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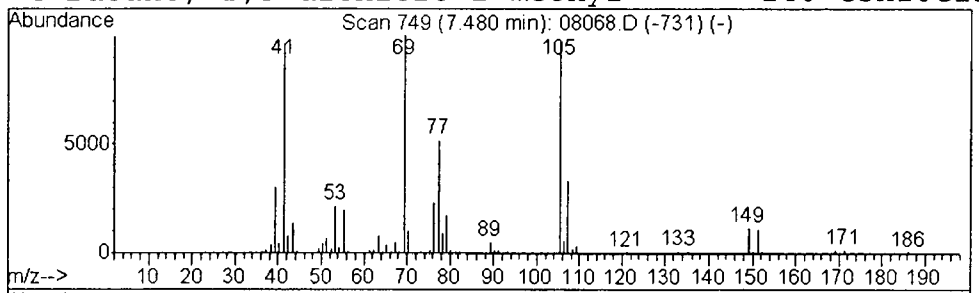
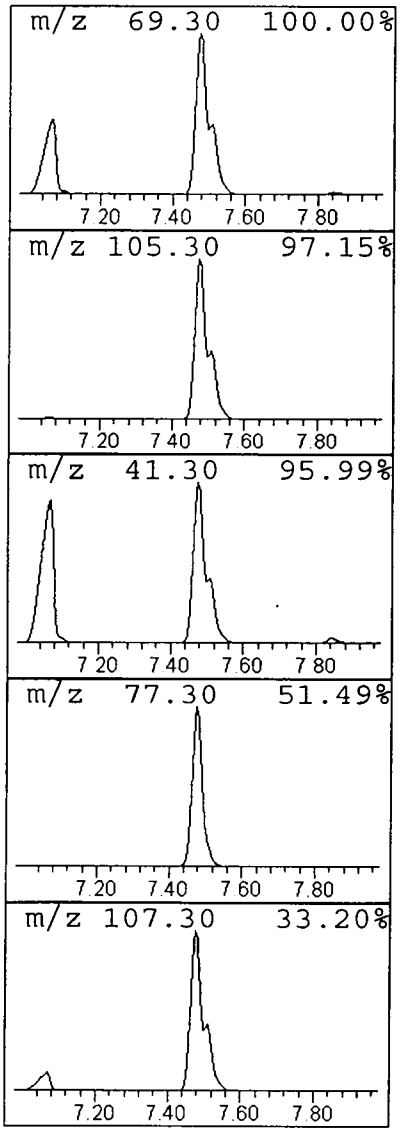
Peak Number 16 Pentane, 1,4-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.48	72.42 ug/L	47681000	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 1,4-dibromo-	228	C5H10Br2	000626-87-9	35
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	27
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	27
4	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	22





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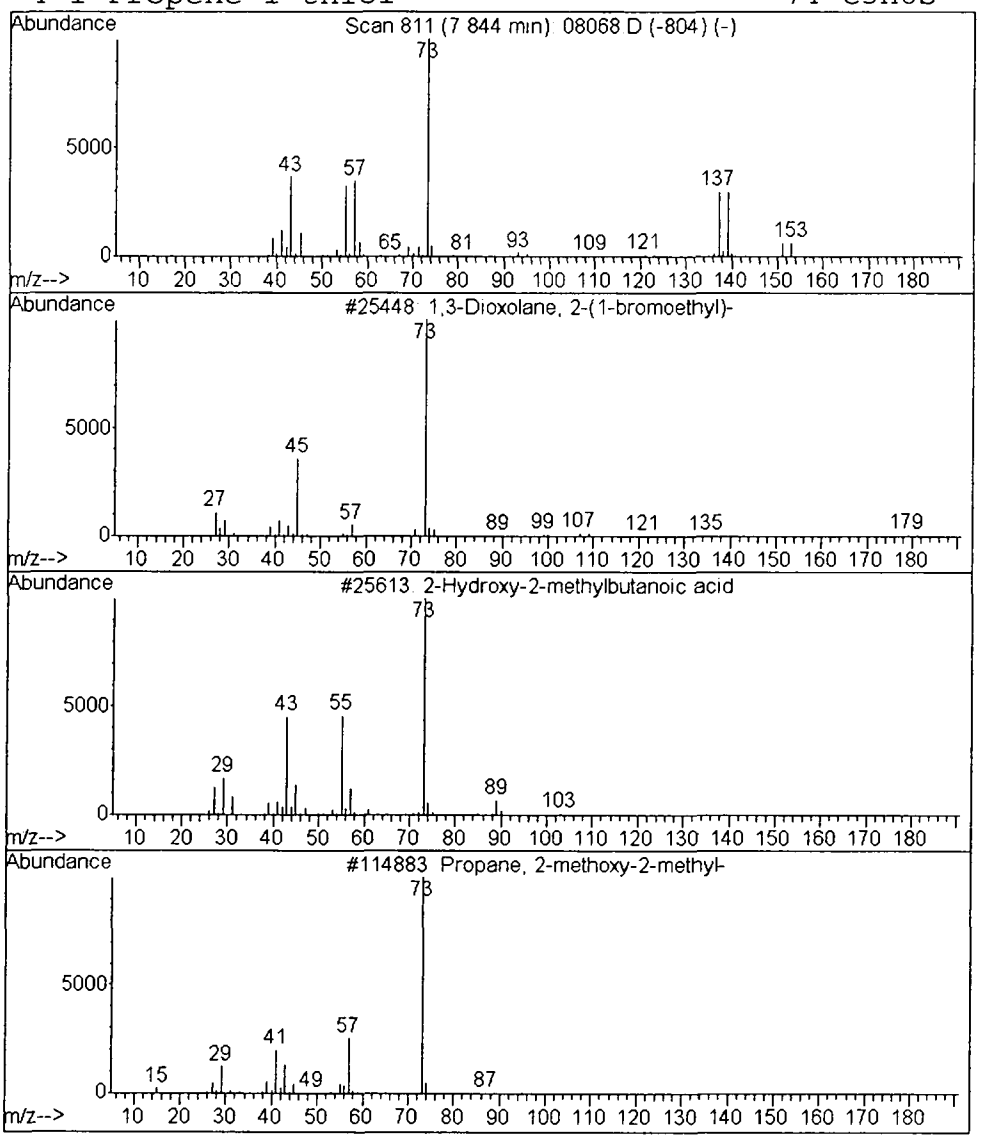
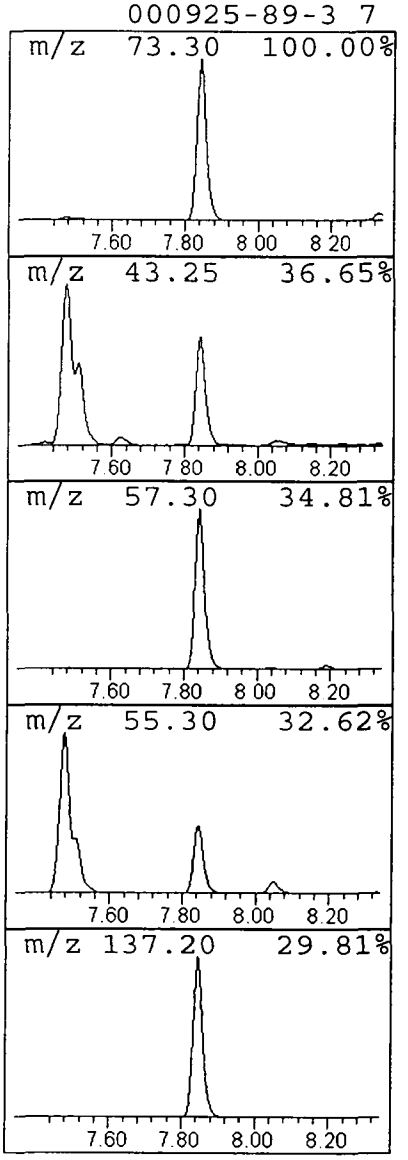
Peak Number 17 1,3-Dioxolane, 2-(1-bromoet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	7.89 ug/L	5193710	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	9
2	2-Hydroxy-2-methylbutanoic acid	118	C5H10O3	1000196-27-1	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	7





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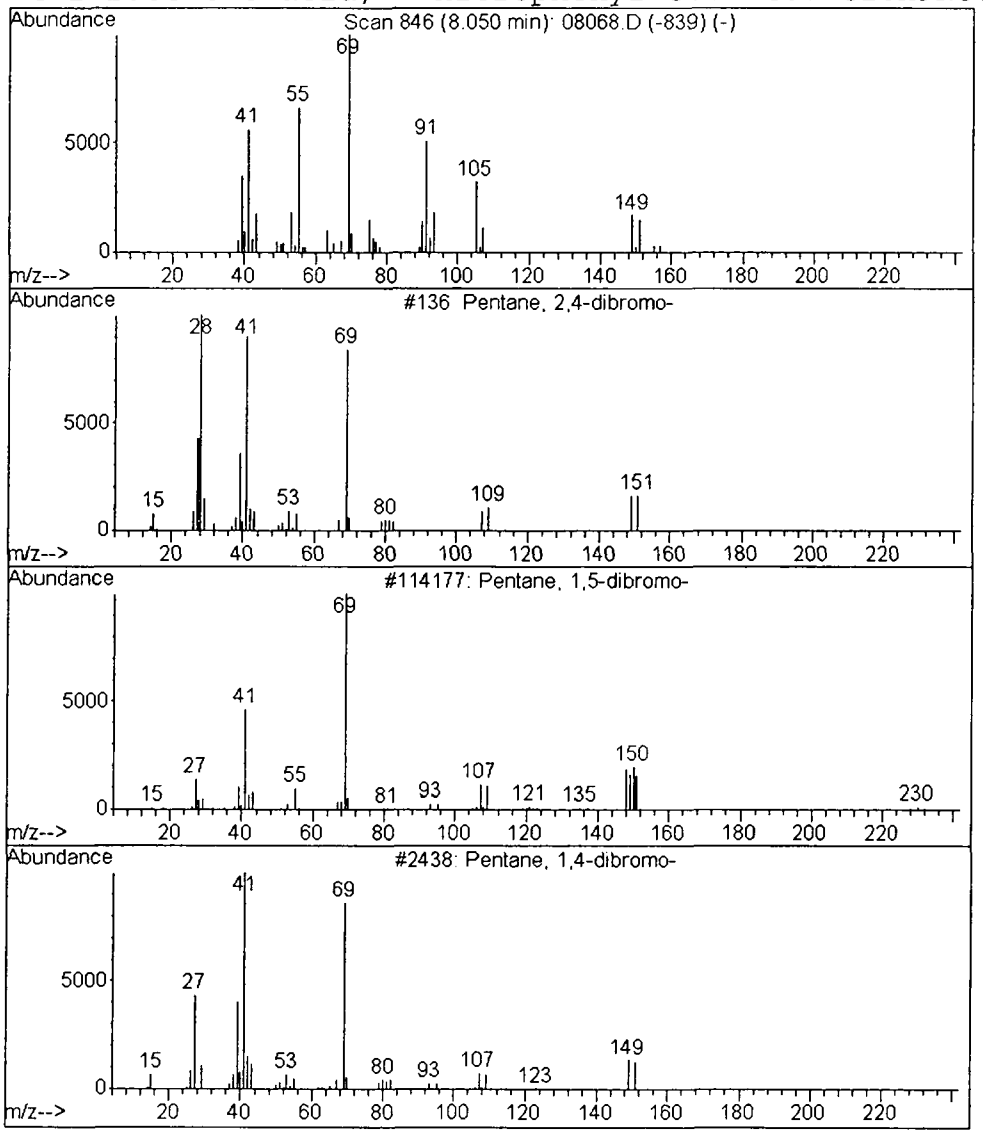
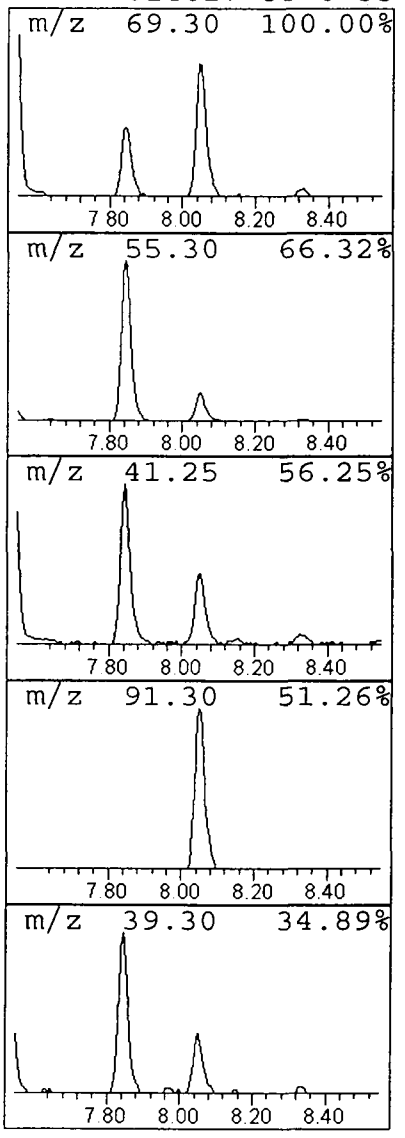
Peak Number 18 Pentane, 2,4-dibromo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.05	1.26 ug/L	830867	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dibromo-	228	C5H10Br2	019398-53-9	40
2	Pentane, 1,5-dibromo-	228	C5H10Br2	000111-24-0	40
3	Pentane, 1,4-dibromo-	228	C5H10Br2	000626-87-9	40
4	2-Butenoic acid, 4-nitrophenyl e...	207	C10H9NO4	014617-88-0	35





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

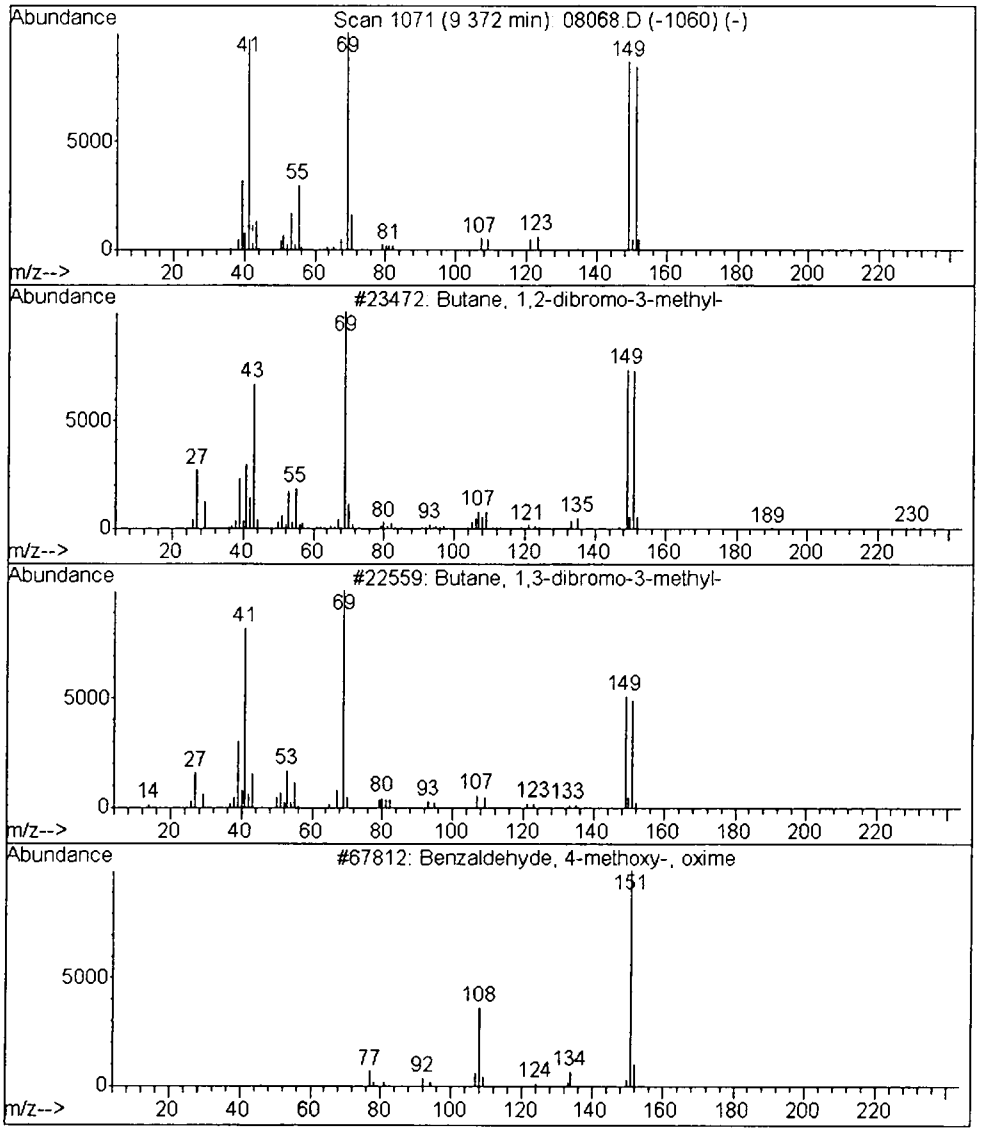
Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

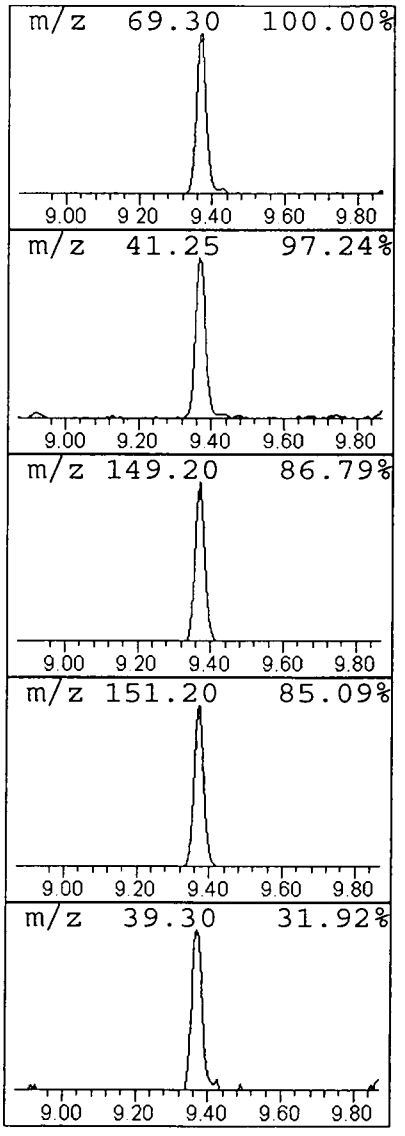
****

Peak Number 19 Butane, 1,2-dibromo-3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	2.30 ug/L	1516470	1,4-Dichlorobenzene-d4	9.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,2-dibromo-3-methyl-	228	C5H10Br2	010288-13-8	64
2	Butane, 1,3-dibromo-3-methyl-	228	C5H10Br2	024443-15-0	40
3	Benzaldehyde, 4-methoxy-, oxime	151	C8H9NO2	003235-04-9	23
4	8-Bromo-1-octene	190	C8H15Br	002695-48-9	14





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08068.D Vial: 25
Acq On : 16 Apr 2002 6:25 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

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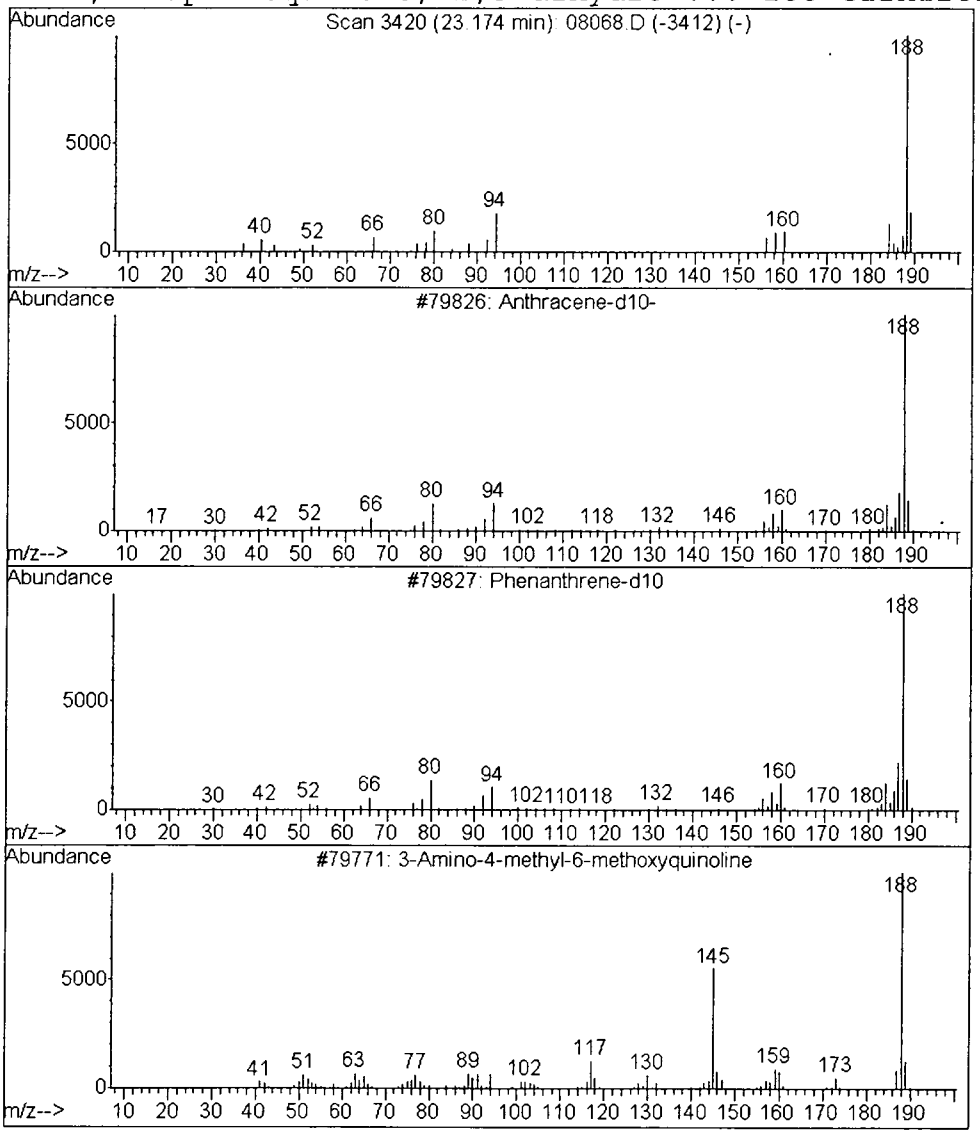
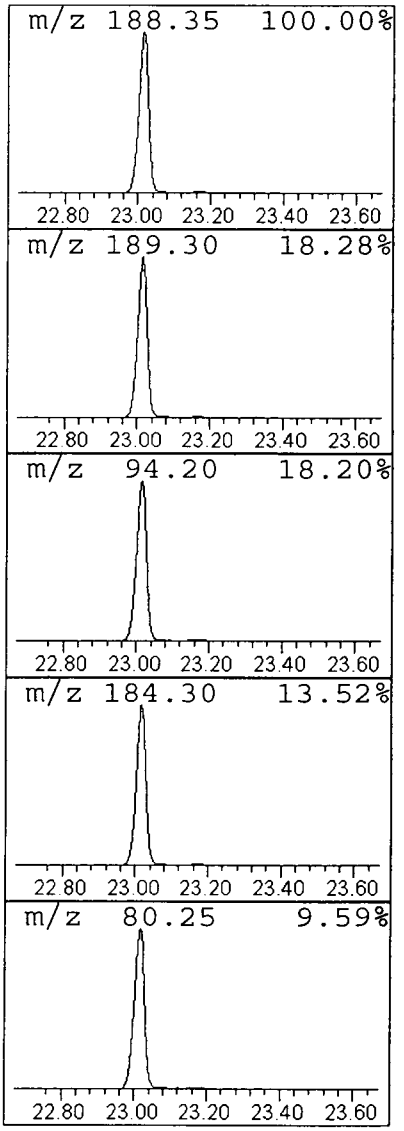
Peak Number 20 Anthracene-d10- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.35 ug/L	349439	Phenanthranene-d10	23.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	86
3	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42
4	1,4-Naphthoquinone, 2,3-dihydro-...	188	C12H12O2	1000157-22-3	40





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 6:25 am
Data File: C:\MSDCHEM\1\DATA\020415\08068.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\041202SCAN.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
2-Butene, 1-chlor...	4.06	0.3	ug/L	219072	1	9.99	26334600	40.0
2-Butene, 1-chlor...	4.38	0.5	ug/L	350071	1	9.99	26334600	40.0
2-Butene, 1-bromo...	4.53	22.1	ug/L	14567200	1	9.99	26334600	40.0
3-Hexanone	4.77	0.4	ug/L	246399	1	9.99	26334600	40.0
2-Hexanone	4.87	0.4	ug/L	283291	1	9.99	26334600	40.0
3-Hexanol	5.04	0.4	ug/L	292535	1	9.99	26334600	40.0
2-Pentanol, 3-met...	5.13	1.1	ug/L	698218	1	9.99	26334600	40.0
2-Propanol, 2-met...	5.25	2.9	ug/L	1901010	1	9.99	26334600	40.0
Butane, 2,3-dichl...	5.64	1.6	ug/L	1037040	1	9.99	26334600	40.0
2-Butene, 1-bromo...	5.70	0.6	ug/L	422412	1	9.99	26334600	40.0
N-Ethylformamide	5.96	0.3	ug/L	223036	1	9.99	26334600	40.0
2-Propanone, 1,1,...	6.02	0.7	ug/L	486692	1	9.99	26334600	40.0
2-Butene, 1-bromo...	6.18	1.1	ug/L	745754	1	9.99	26334600	40.0
Butanamide	7.07	130.1	ug/L	85648300	1	9.99	26334600	40.0
Methane, tribromo-	7.22	0.7	ug/L	489049	1	9.99	26334600	40.0
Pentane, 1,4-dibr...	7.48	72.4	ug/L	47681000	1	9.99	26334600	40.0
1,3-Dioxolane, 2-...	7.85	7.9	ug/L	5193710	1	9.99	26334600	40.0
Pentane, 2,4-dibr...	8.05	1.3	ug/L	830867	1	9.99	26334600	40.0
Butane, 1,2-dibro...	9.37	2.3	ug/L	1516470	1	9.99	26334600	40.0
Anthracene-d10-	23.17	0.3	ug/L	349439	4	23.02	40109500	40.0

Phenanthrene-d10