User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 15:36:55

Sample: AE12743
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 15:36 Ended: 6/10/02 15:36 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		10.0

Not us?

Comments for Sample AE12743 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 15:37:40

The GCMS scan, 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 7 of the 43 compounds in the LCS Standard were low.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\12743.D Vial: 6
Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:20:45 2002 Quant Results File: 060302.RES

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-dichlorobenzene-d4	9.90	152	4797493	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	19133724	40.00	ug/L	0.00
17) Acenapthalene-d10	18.52	164	10540136	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	15821997	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	8979181	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	3897273	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2166820	28.65	ug/L	0.00
Spiked Amount 40.000			Recovery = 71.63%			
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	32016	N.D.		
30) Nnitrosodiphenylamine	20.51	169	40957	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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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Thu Jun 06 15:03:45 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

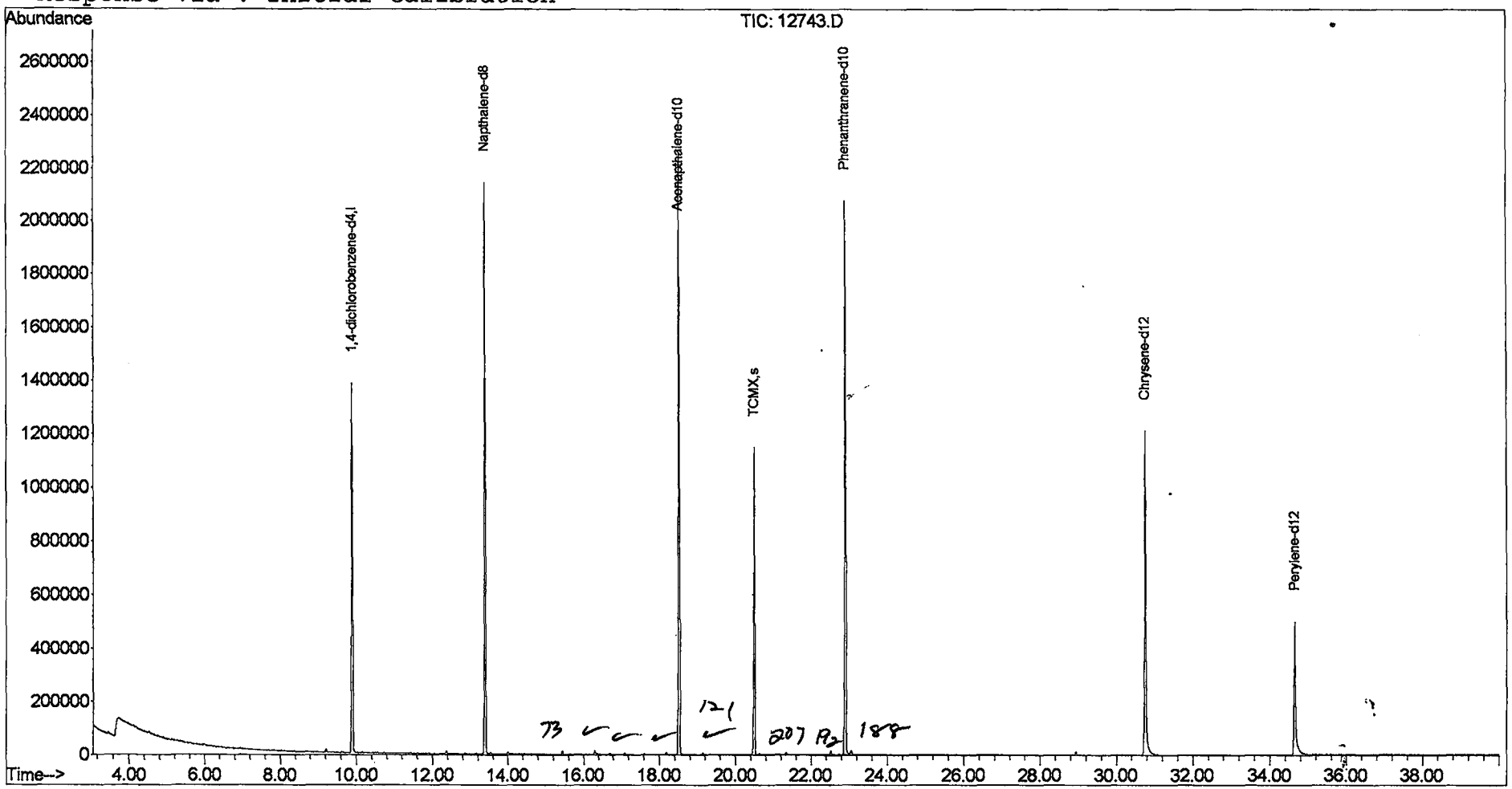
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	0.00	228	0	N.D.	
41) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42) Chrysene	0.00	228	0	N.D.	
44) Di-n-octylphthalate	0.00	149	0	N.D.	
45) Benzo(b)fluoranthene	0.00	252	0	N.D.	
46) Benzo(k)fluoranthene	0.00	252	0	N.D.	
47) Benzo(a)pyrene	0.00	252	0	N.D.	
48) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
49) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
50) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\12743.D Vial: 6
Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:21 2002 Quant Results File: 060302.RES

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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\060602\12743.D Vial: 6
Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

Signal : TIC

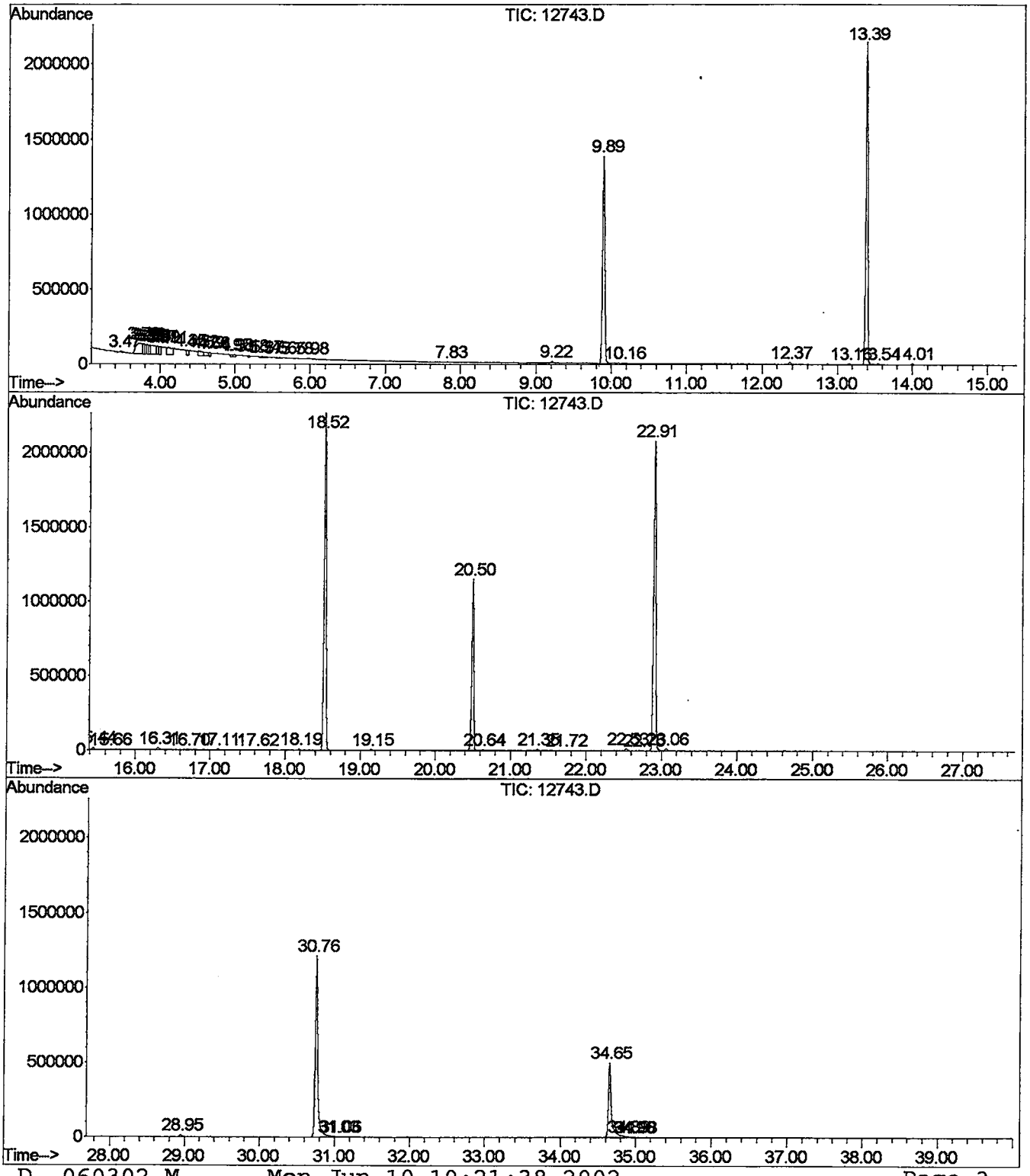
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.473	64	67	82	PV 6	8341	219380	0.51%	0.092%
2	3.725	93	110	116	PV 6	70065	3957624	9.15%	1.658%
3	3.772	116	118	121	VV 4	67560	1188493	2.75%	0.498%
4	3.796	121	122	125	VV 3	65095	895788	2.07%	0.375%
5	3.825	125	127	130	VV 4	63136	1118306	2.59%	0.469%
6	3.855	130	132	134	VV 3	59870	802416	1.85%	0.336%
7	3.878	134	136	148	VV 6	58814	2652793	6.13%	1.111%
8	3.966	148	151	153	VV 3	54723	1082893	2.50%	0.454%
9	3.990	153	155	159	VV 3	52146	970159	2.24%	0.406%
10	4.107	171	175	187	VV 8	48599	2394196	5.53%	1.003%
11	4.354	215	217	223	VV 5	32723	818959	1.89%	0.343%
12	4.519	243	245	255	VV 5	31433	1250871	2.89%	0.524%
13	4.589	255	257	268	VV 5	24795	1034260	2.39%	0.433%
14	4.666	268	270	272	VV	23132	307983	0.71%	0.129%
15	4.953	316	319	322	VV 4	13222	233689	0.54%	0.098%
16	4.983	322	324	329	VV 4	12871	288224	0.67%	0.121%
17	5.183	356	358	361	VV 4	8754	122419	0.28%	0.051%
18	5.341	382	385	386	VV 2	7555	95840	0.22%	0.040%
19	5.371	386	390	401	VV 2	7333	294141	0.68%	0.123%
20	5.559	420	422	433	VV 9	4140	150344	0.35%	0.063%
21	5.782	458	460	462	VV 3	2758	25027	0.06%	0.010%
22	5.982	489	494	506	PV 5	4697	154898	0.36%	0.065%
23	7.832	804	809	819	VV 8	2772	70788	0.16%	0.030%
24	9.213	1036	1044	1061	PV 2	11945	214060	0.49%	0.090%
25	9.895	1148	1160	1179	PV	1392350	28546058	65.99%	11.959%
26	10.165	1201	1206	1215	VV 5	4326	100644	0.23%	0.042%
27	12.368	1575	1581	1590	VV	11987	188651	0.44%	0.079%
28	13.162	1711	1716	1721	PV 3	3315	60562	0.14%	0.025%
29	13.391	1745	1755	1776	VV	2107805	38548833	89.11%	16.150%
30	13.544	1776	1781	1789	VV 2	5985	120827	0.28%	0.051%
31	14.008	1844	1860	1870	VV 4	7642	150841	0.35%	0.063%
32	15.441	2098	2104	2111	VV	13488	209178	0.48%	0.088%
33	15.659	2130	2141	2151	VV 6	1684	37614	0.09%	0.016%
34	16.305	2245	2251	2263	VV 2	13342	297760	0.69%	0.125%
35	16.699	2311	2318	2331	PV 3	3357	76754	0.18%	0.032%
36	17.104	2383	2387	2395	PV 2	5990	88878	0.21%	0.037%
37	17.621	2470	2475	2485	VV 6	2478	46046	0.11%	0.019%

38	18.191	2566	2572	2580	VV		8645	132328	0.31%	0.055%
39	18.526	2619	2629	2643	VV		2245669	43259712	100.00%	18.123%
40	19.149	2725	2735	2750	VV	4	7052	147817	0.34%	0.062%
41	20.500	2953	2965	2976	VV		1121197	21090837	48.75%	8.836%
42	20.641	2979	2989	2997	VV	2	5587	110878	0.26%	0.046%
43	21.352	3105	3110	3121	VV	3	8421	143227	0.33%	0.060%
44	21.716	3162	3172	3179	VV	5	1929	42008	0.10%	0.018%
45	22.533	3303	3311	3320	VV	2	13915	258770	0.60%	0.108%
46	22.751	3343	3348	3355	VV	3	2078	35007	0.08%	0.015%
47	22.909	3359	3375	3394	VV	2	2074078	42367664	97.94%	17.750%
48	23.068	3394	3402	3416	VV	2	14194	325297	0.75%	0.136%
49	28.955	4397	4404	4411	PV	3	11966	201703	0.47%	0.085%
50	30.753	4697	4710	4756	PV	2	1195920	27633573	63.88%	11.577%
51	31.035	4756	4758	4761	VV	3	1745	22906	0.05%	0.010%
52	31.064	4761	4763	4768	VV	3	1168	15426	0.04%	0.006%
53	34.654	5361	5374	5413	PV	2	495486	13843971	32.00%	5.800%
54	34.889	5413	5414	5424	VV	7	5543	161028	0.37%	0.067%
55	34.954	5424	5425	5428	VV	3	2767	36504	0.08%	0.015%
56	34.983	5428	5430	5442	VV	7	2515	51395	0.12%	0.022%

Sum of corrected areas: 238696248

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060602\12743.D
Operator : McLean
Acquired : 6 Jun 2002 3:22 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 6/3 eh
Misc Info :
Vial Number: 6
Quant File :060302.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12743.D Vial: 6
Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

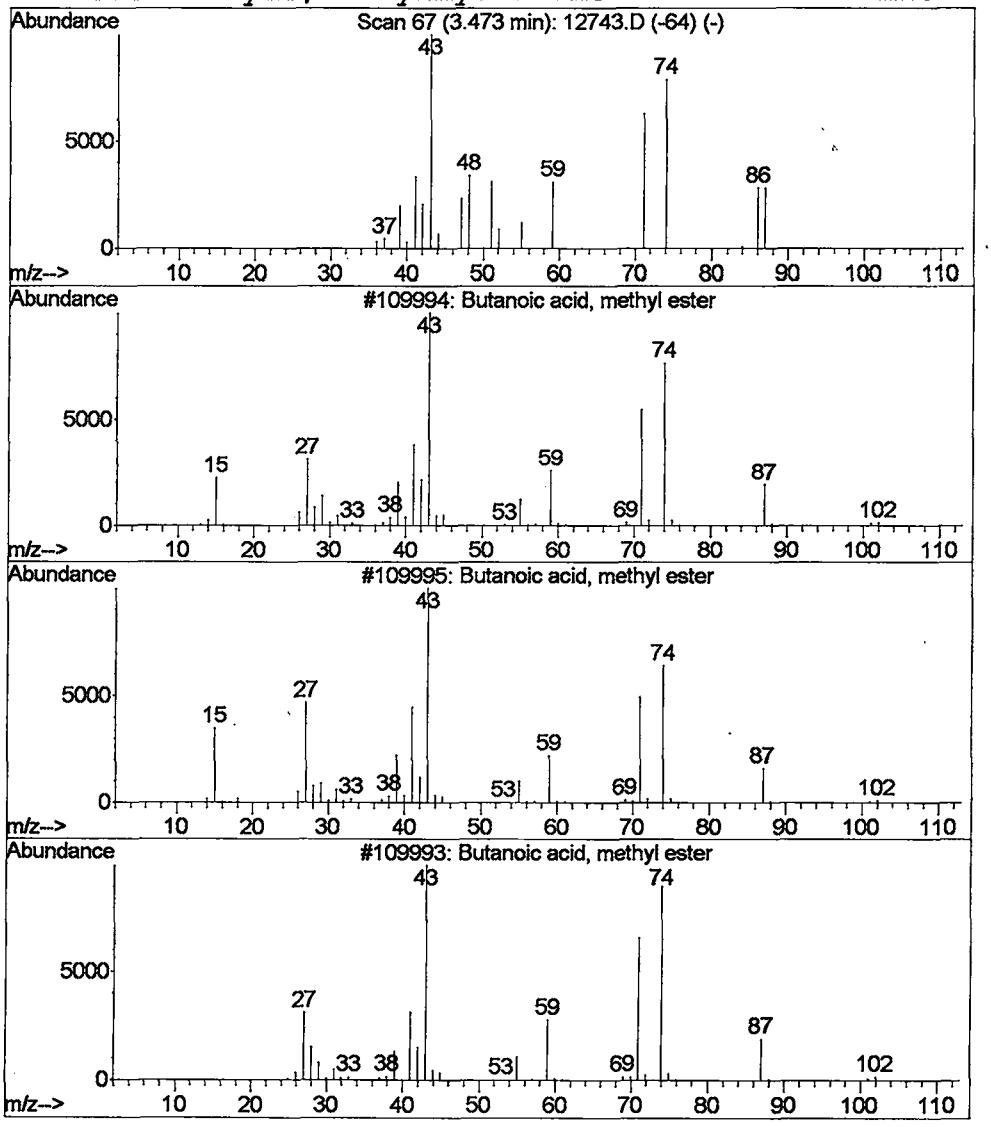
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

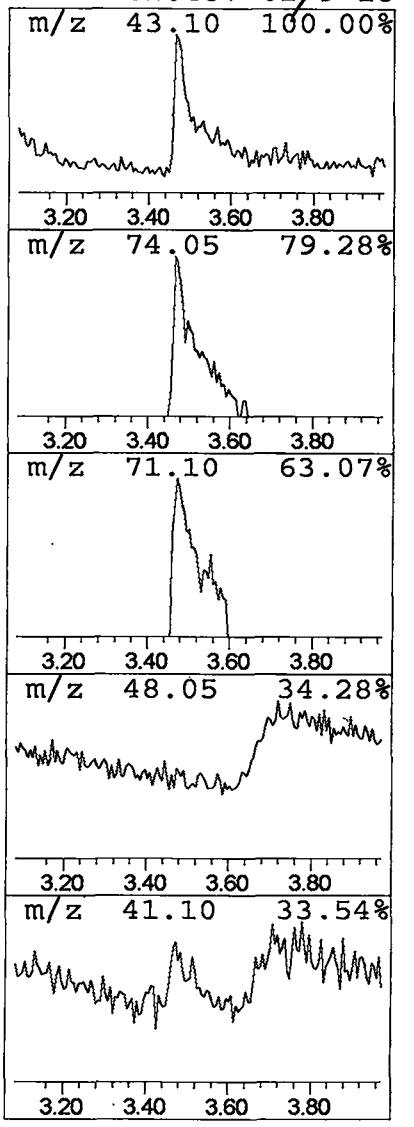
****

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.47	0.31 ug/L	219380	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	47
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	40
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	28
4	Acetaldehyde, ethylhydrazone	86	C4H10N2	020487-02-9	18





Library Search Compound Report

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Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

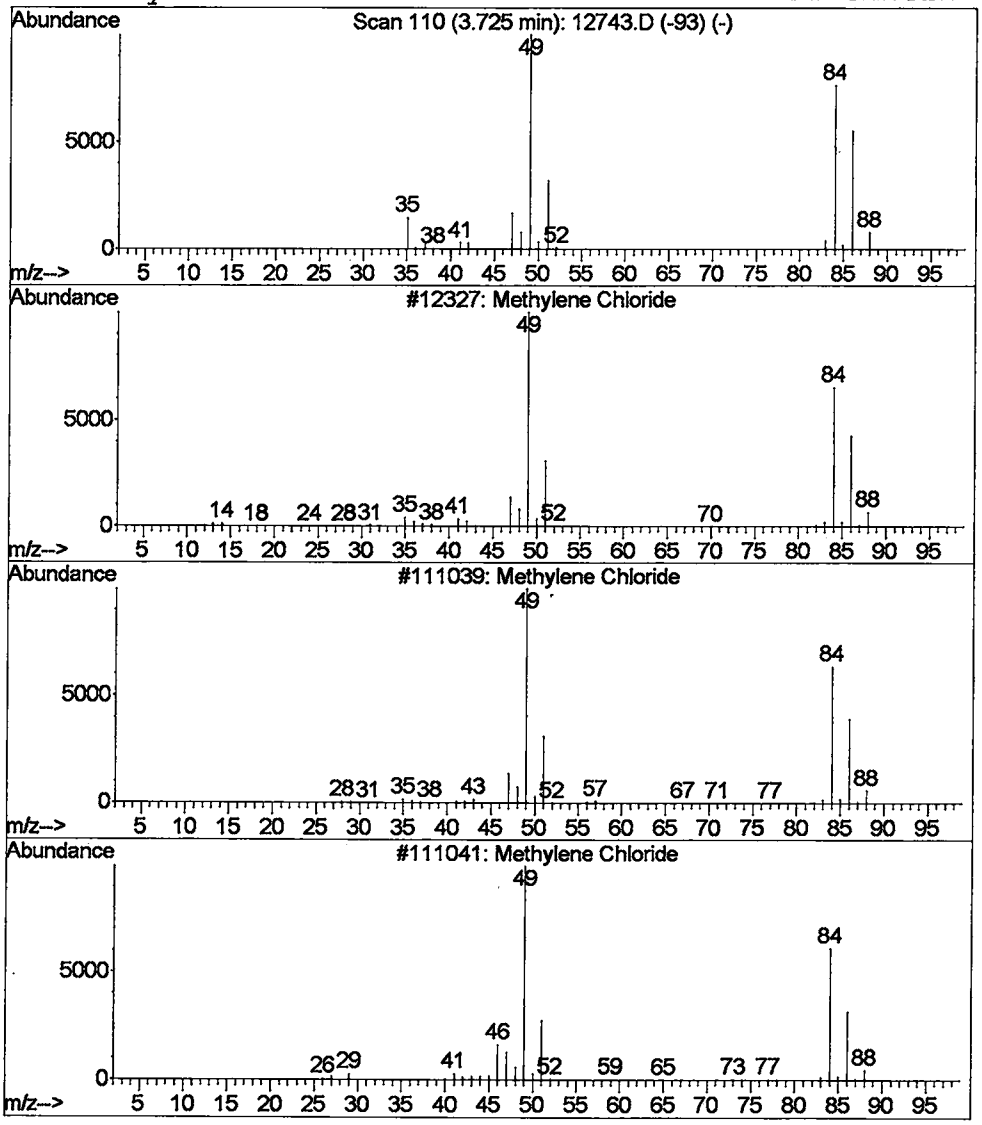
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

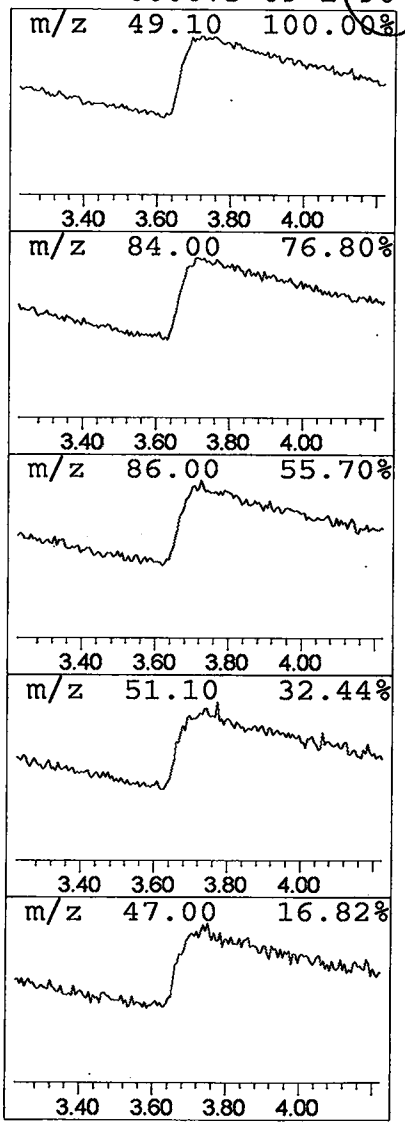
****

Peak Number 2 Methylene Chloride Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	5.55 ug/L	3957620	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	91
3	Methylene Chloride	84	CH2Cl2	000075-09-2	90
4	Methylene Chloride	84	CH2Cl2	000075-09-2	90





Library Search Compound Report

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Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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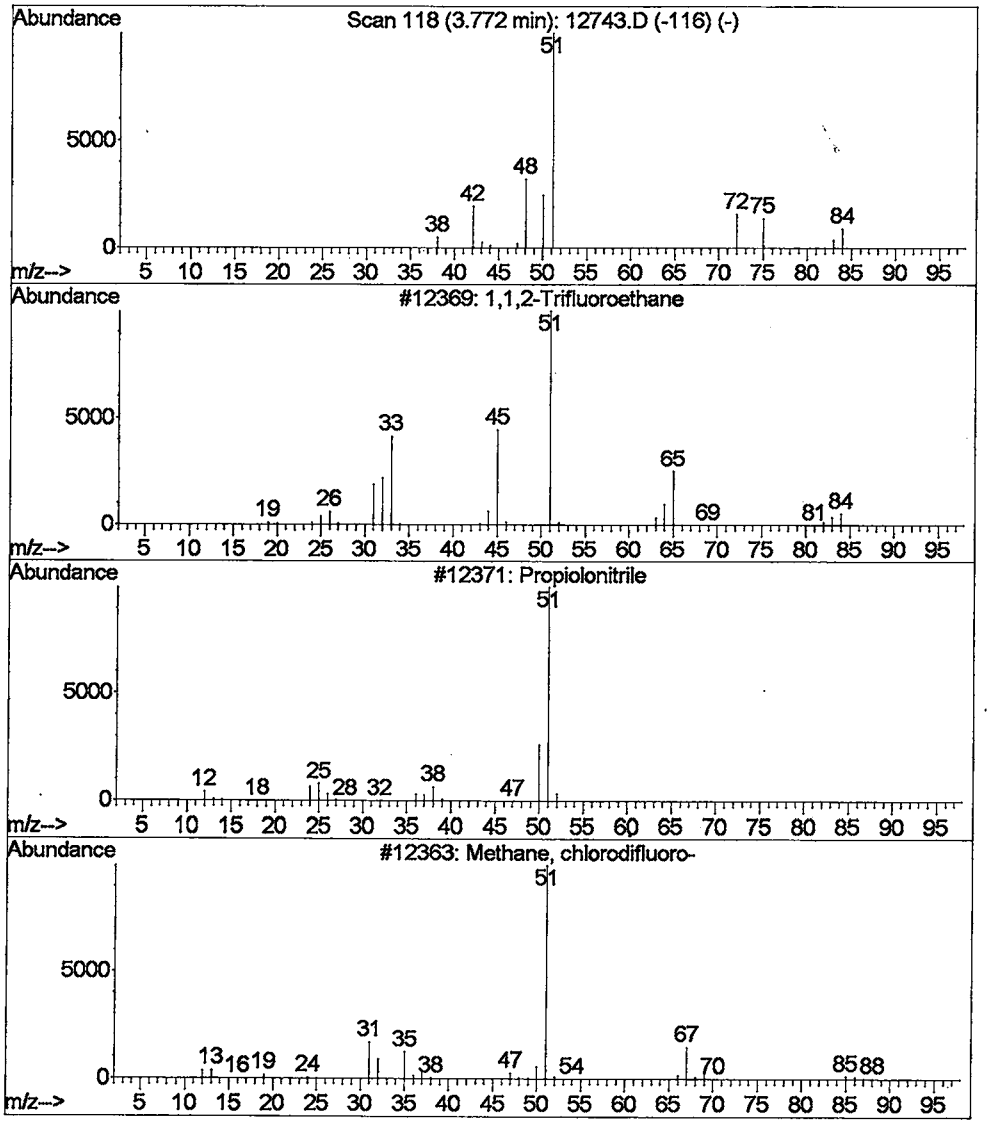
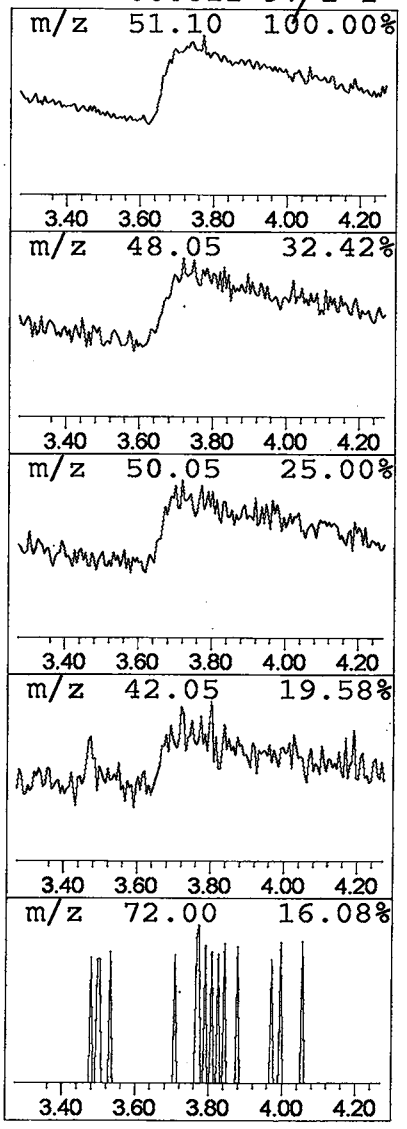
Peak Number 3 1,1,2-Trifluoroethane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	1.67 ug/L	1188490	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,2-Trifluoroethane	84	C2H3F3	000430-66-0	7
2	Propiolonitrile	51	C3HN	001070-71-9	5
3	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	1
4	Norflurane	102	C2H2F4	000811-97-2	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12743.D Vial: 6
Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

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

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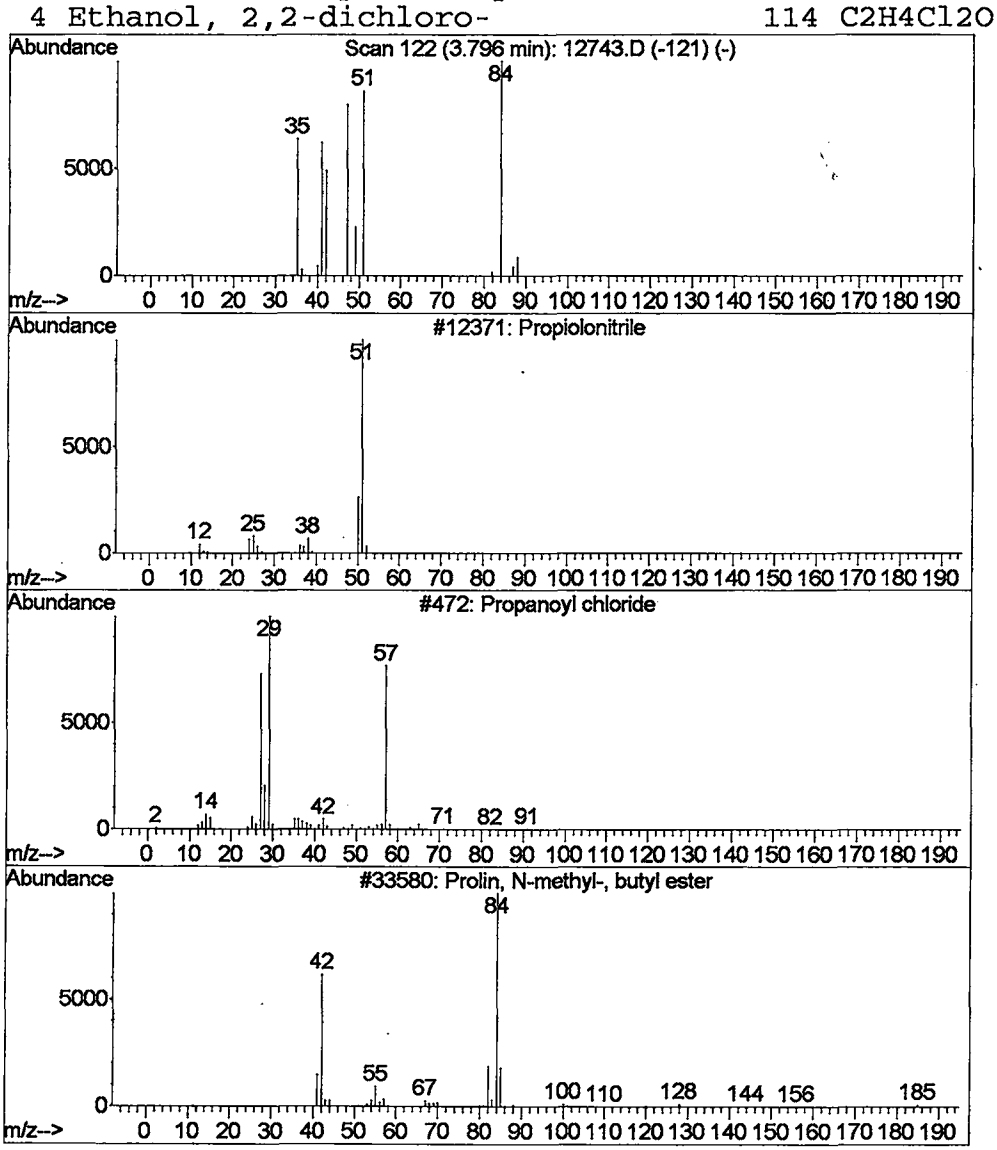
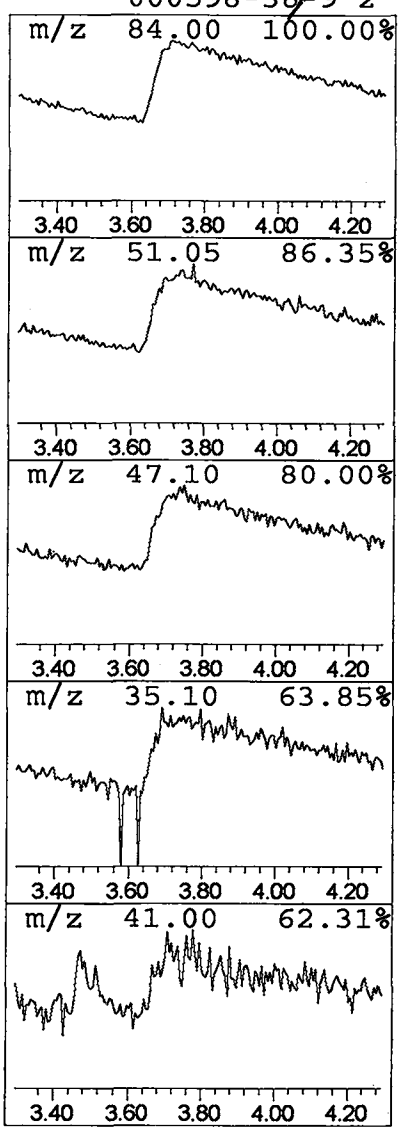
Peak Number 4 Propiolonitrile Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.80	1.26 ug/L	895788	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propiolonitrile	51	C3HN	001070-71-9	4
2	Propanoyl chloride	92	C3H5ClO	000079-03-8	2
3	Prolin, N-methyl-, butyl ester	185	C10H19NO2	1000152-96-3	2
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	2





Data File : C:\MSDCHEM\1\DATA\060602\12743.D
Acq On : 6 Jun 2002 3:22 pm
Sample : 6/3 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 6
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

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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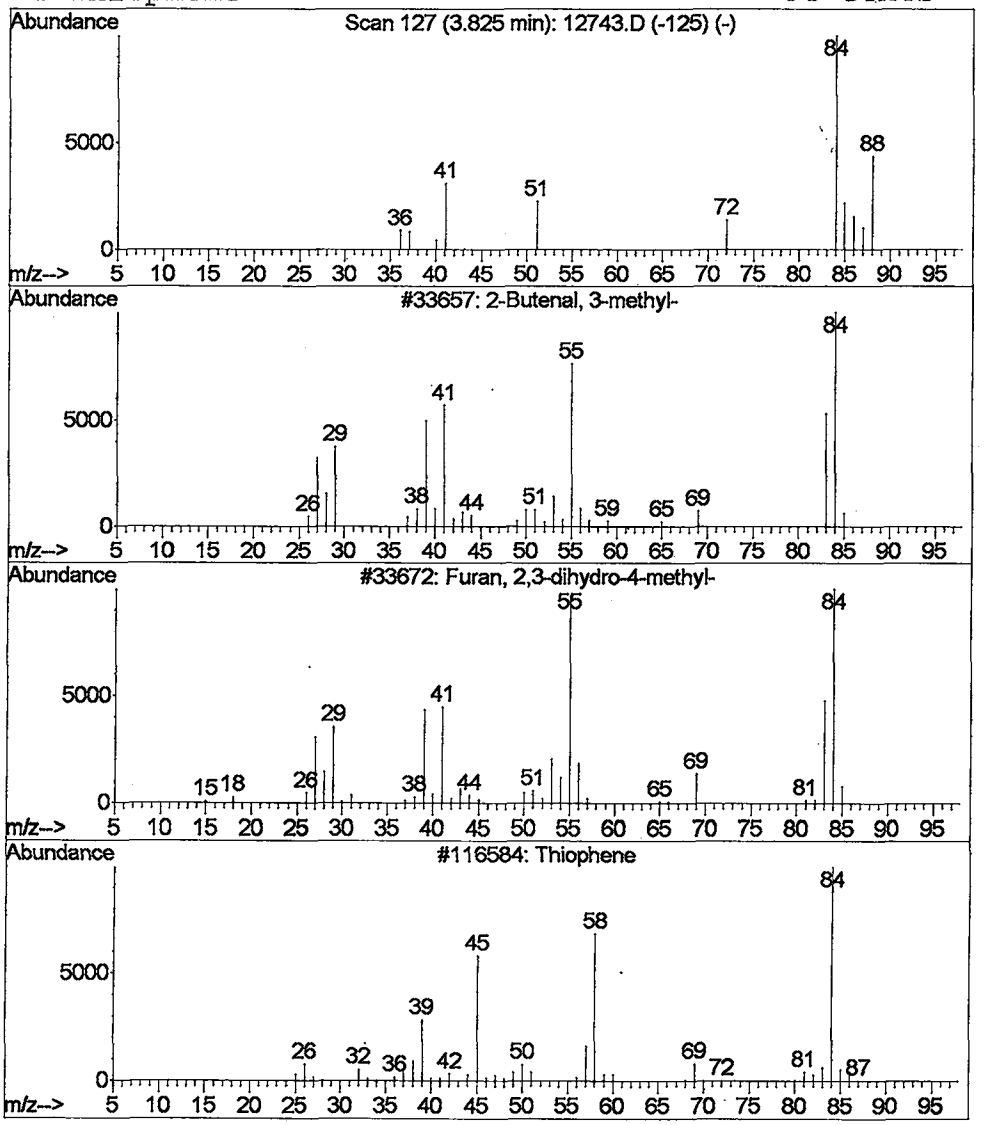
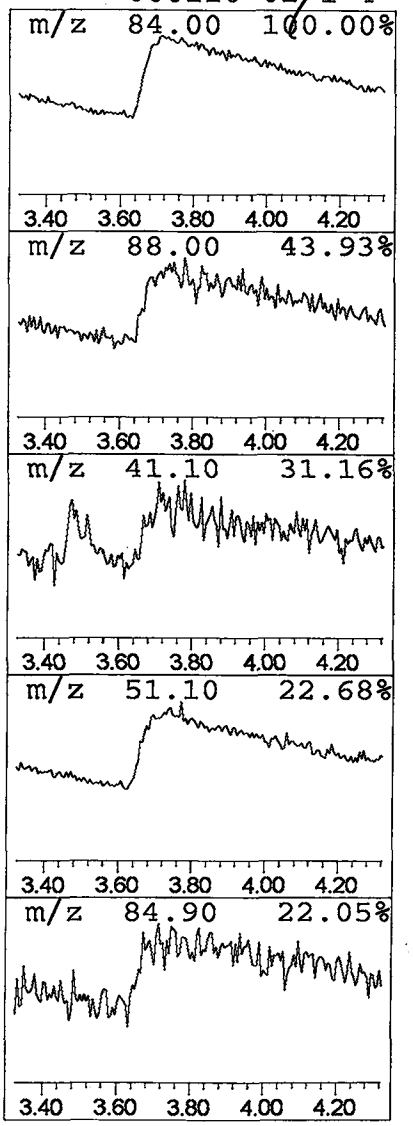
Peak Number 5 2-Butenal, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	1.57 ug/L	1118310	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	4
2	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	4
3	Thiophene	84	C4H4S	000110-02-1	4
4	Thiophene	84	C4H4S	000110-02-1	4





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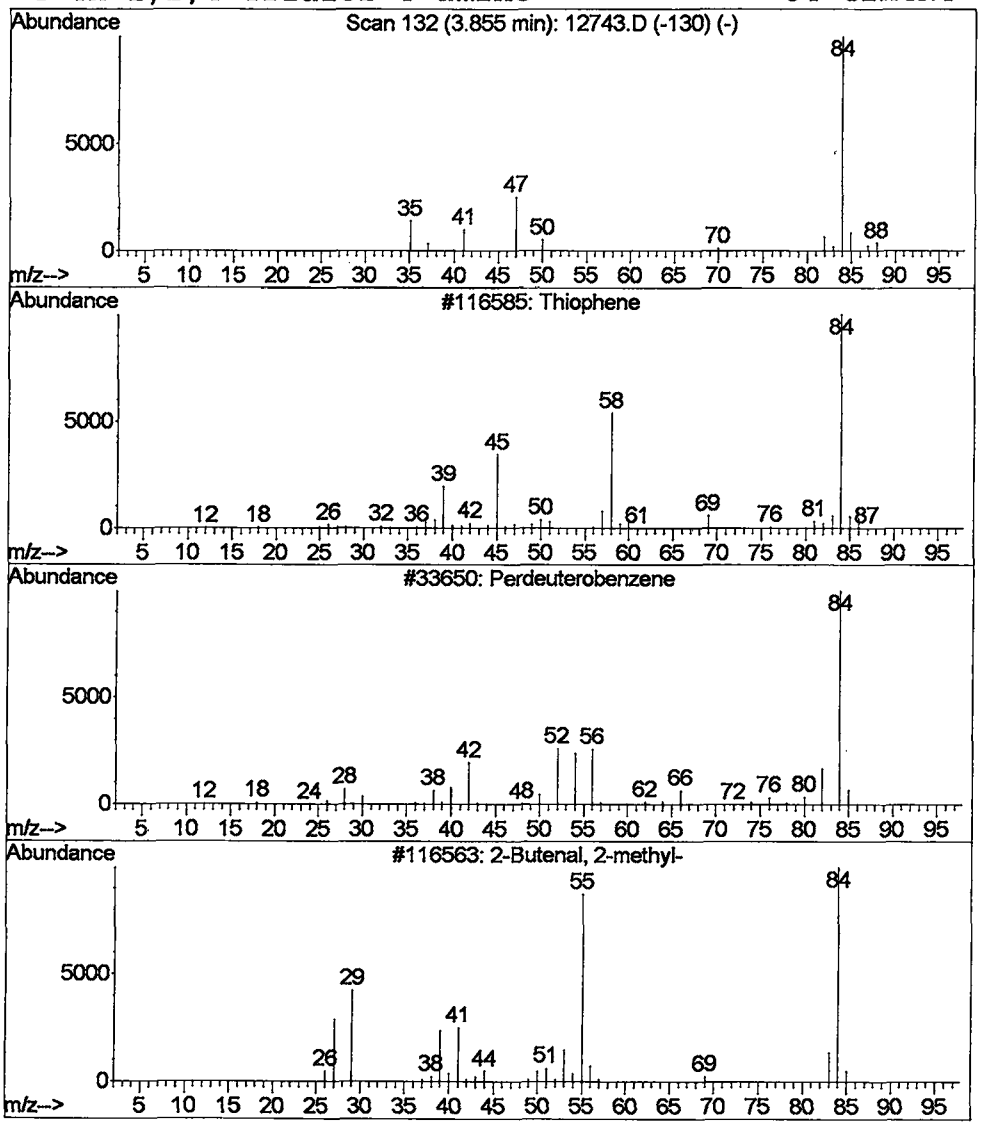
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

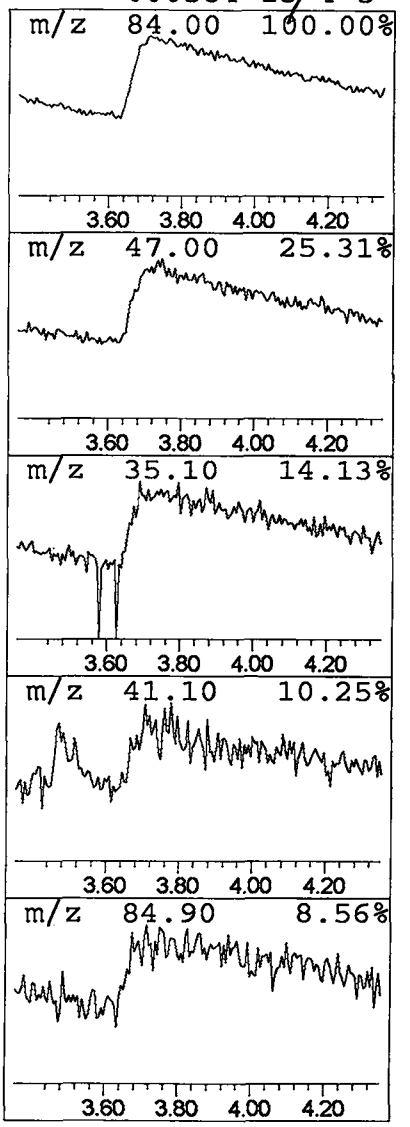
****

Peak Number 6 Thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.85	1.12 ug/L	802416	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene	84	C4H4S	000110-02-1	9
2	Perdeuterobenzene	84	C6D6	001076-43-3	5
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5





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Acq On : 6 Jun 2002 3:22 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

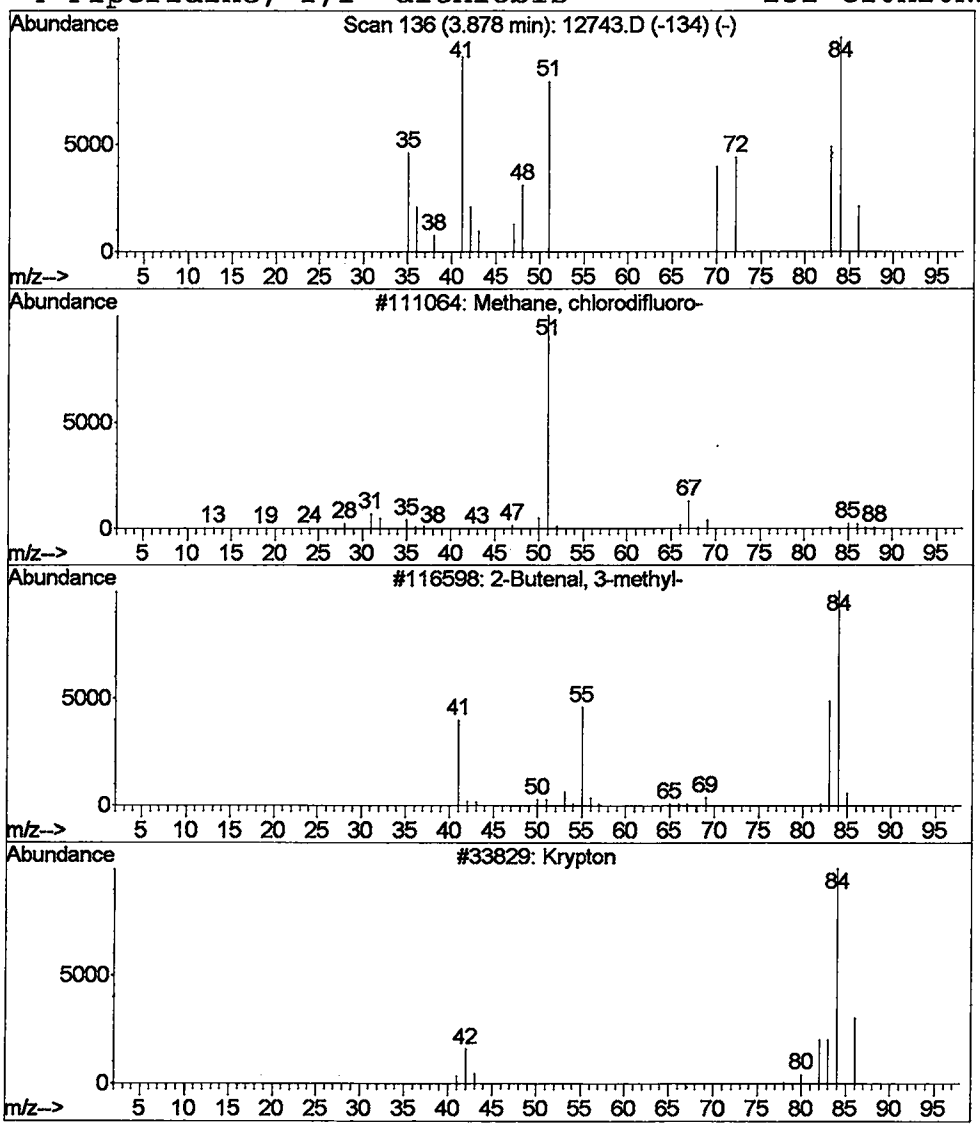
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

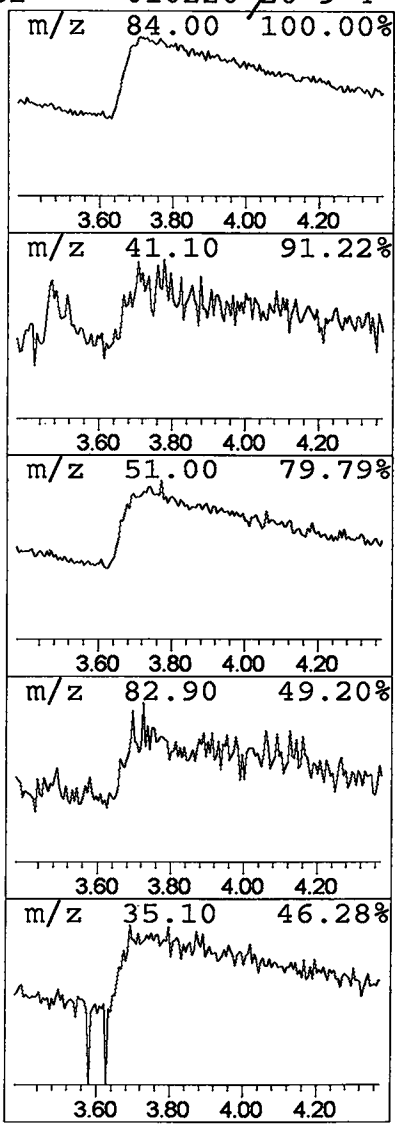
****

Peak Number 7 Methane, chlorodifluoro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.88	3.72 ug/L	2652790	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, chlorodifluoro-	86	CHClF2	000075-45-6	5
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	5
3	Krypton	84	Kr	007439-90-9	5
4	Piperidine, 1,1'-dithiobis-	232	C10H20N2S2	010220-20-9	4





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Multiplr: 1.00

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

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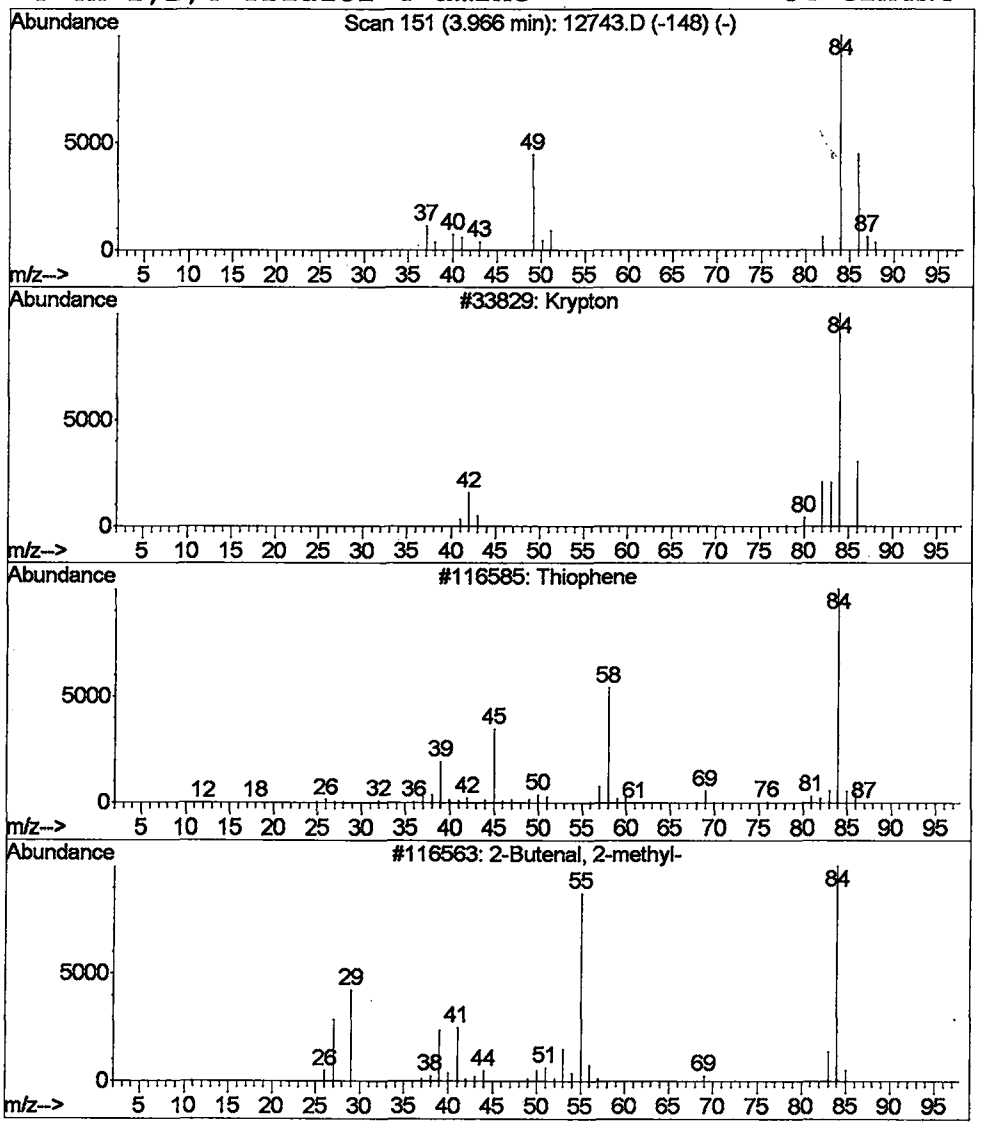
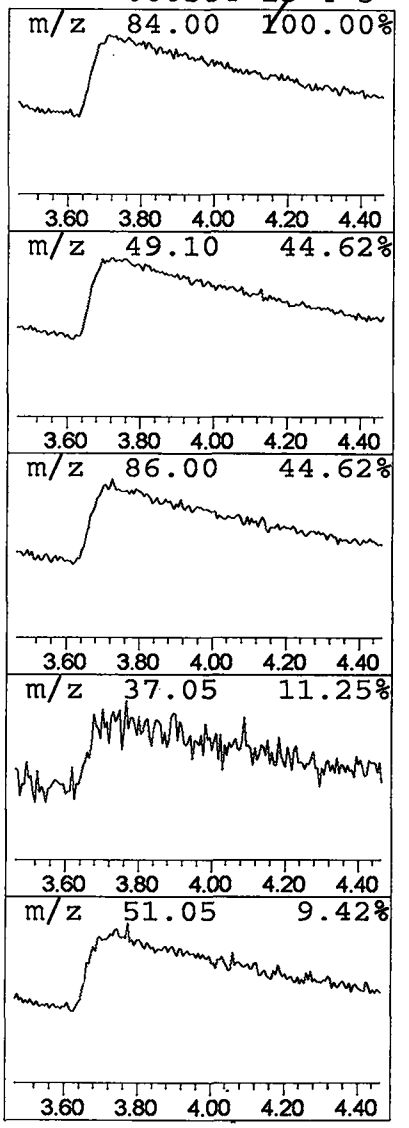
Peak Number 8 Krypton — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.97	1.52 ug/L	1082890	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	7
2	Thiophene	84	C4H4S	000110-02-1	5
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5





Library Search Compound Report

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Multiplr: 1.00

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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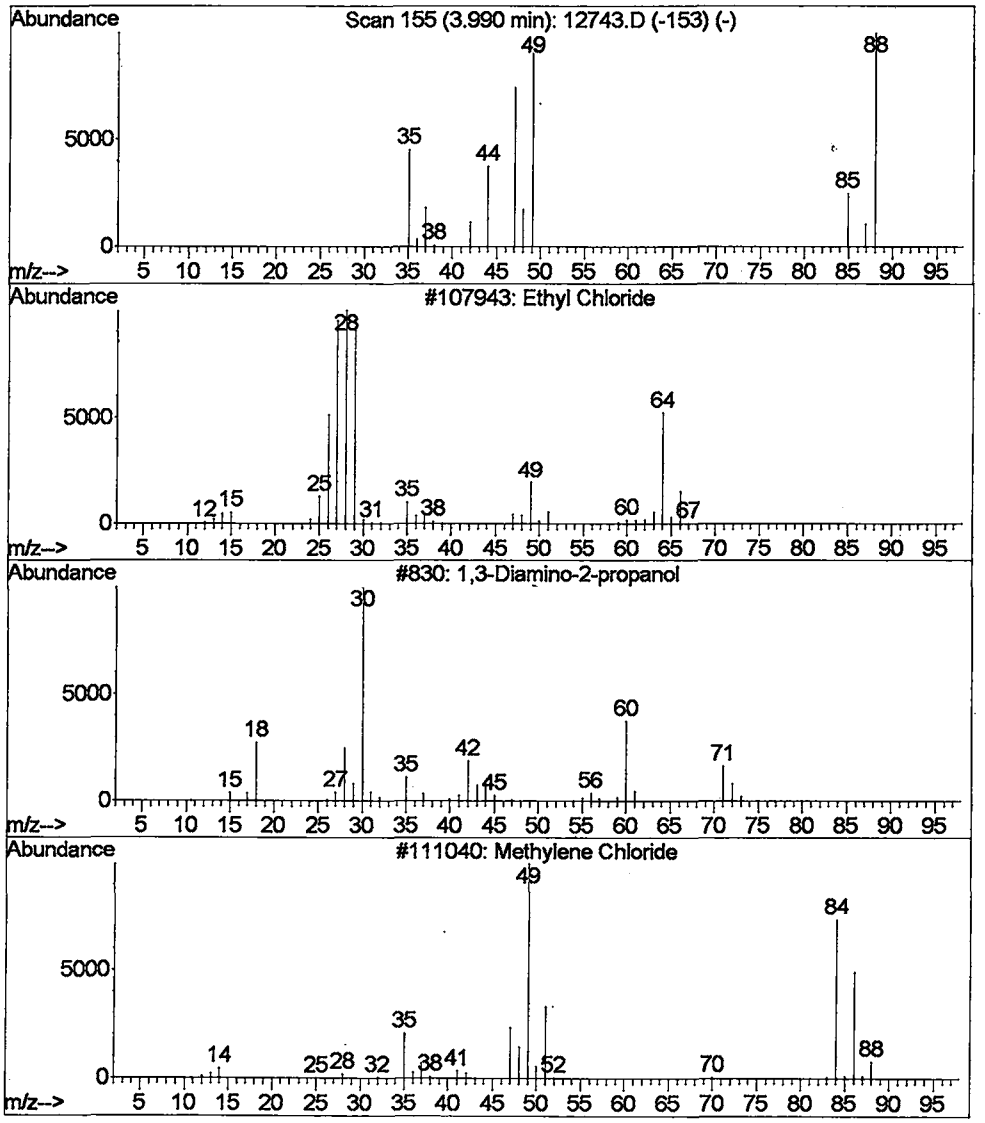
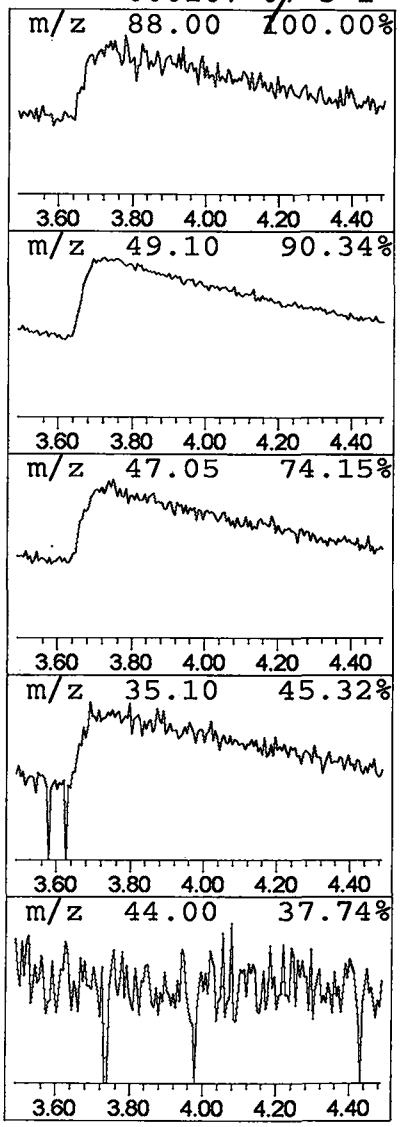
Peak Number 9 Ethyl Chloride Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	1.36 ug/L	970159	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	88
2	1,3-Diamino-2-propanol	90	C3H10N2O	000616-29-5	2
3	Methylene Chloride	84	CH2Cl2	000075-09-2	2
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
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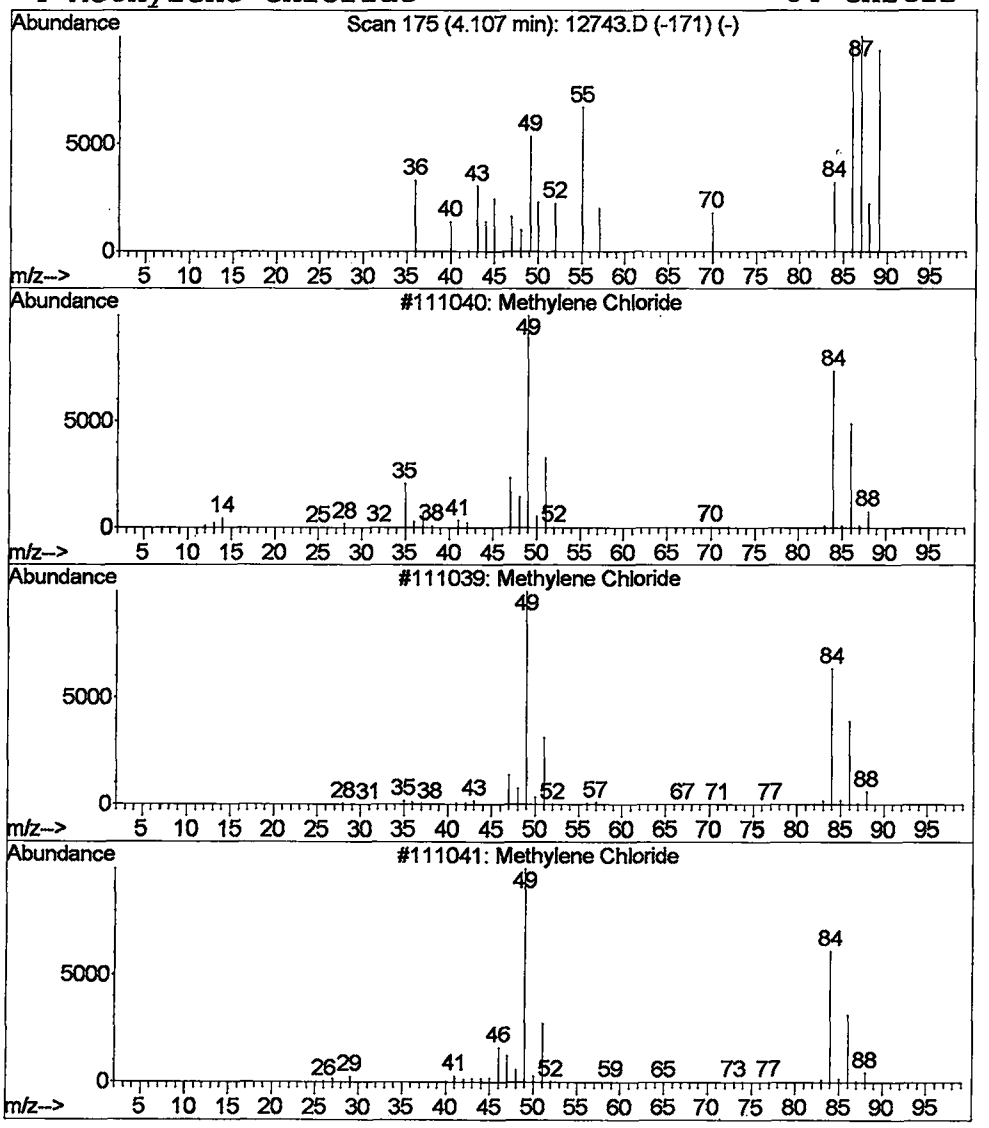
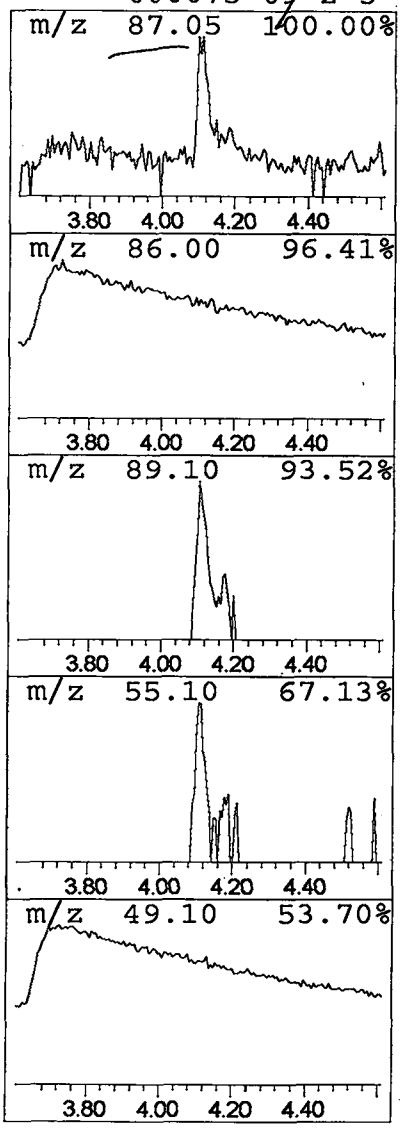
Peak Number 10 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.11	3.35 ug/L	2394200	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	7
3	Methylene Chloride	84	CH2Cl2	000075-09-2	7
4	Methylene Chloride	84	CH2Cl2	000075-09-2	5





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Multiplr: 1.00

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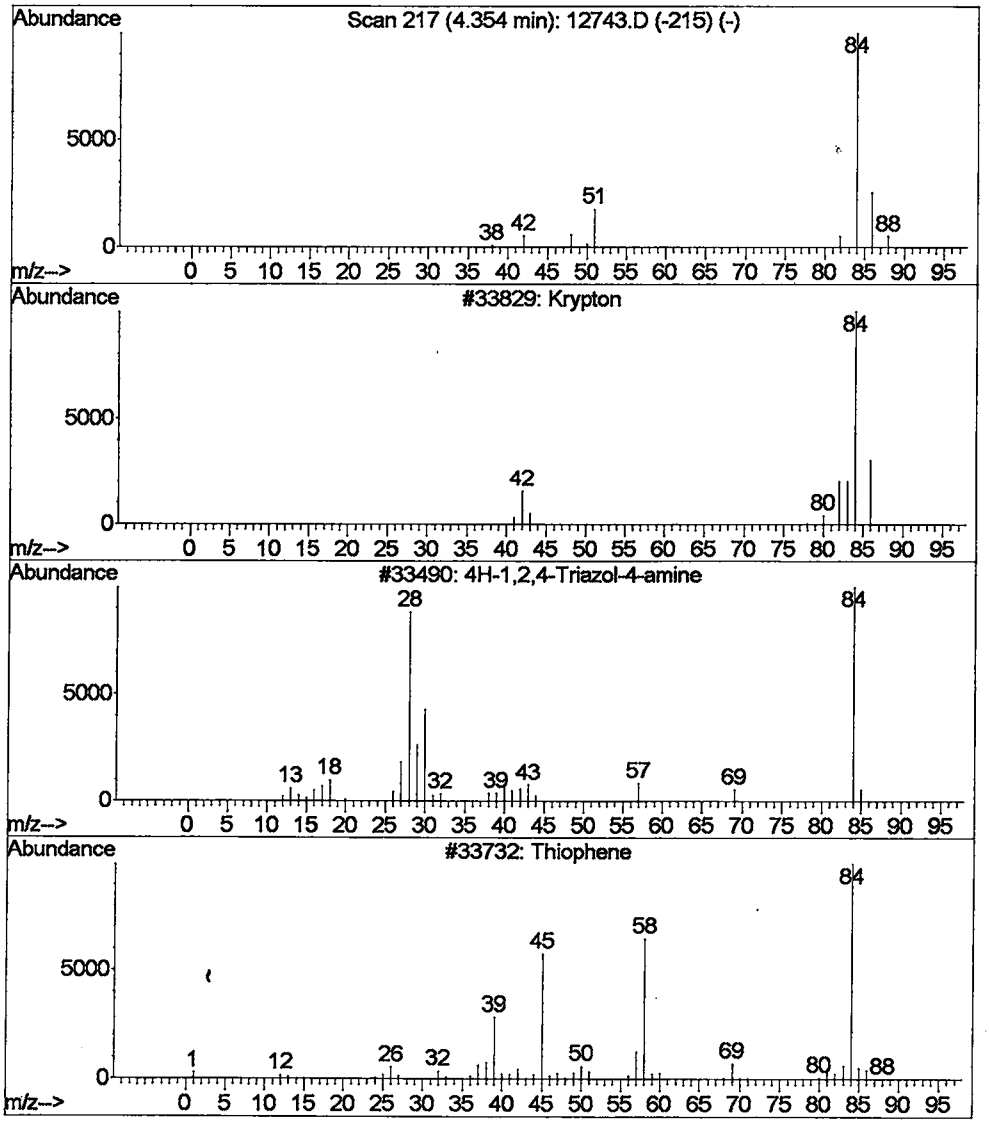
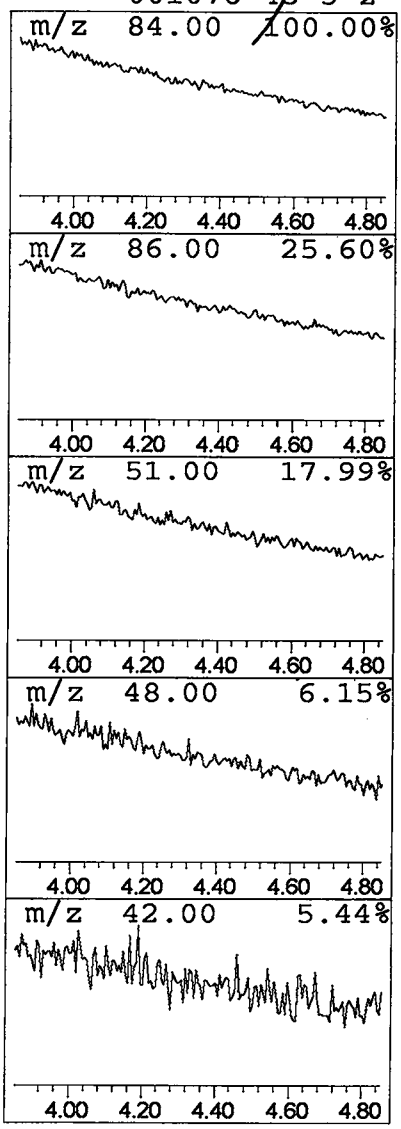
Peak Number 11 Krypton — Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	1.15 ug/L	818959	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Krypton	84	Kr	007439-90-9	5
2	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	4
3	Thiophene	84	C4H4S	000110-02-1	2
4	Perdeuterobenzene	84	C6D6	001076-43-3	2





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Title : 508 Modified GC/MS scan
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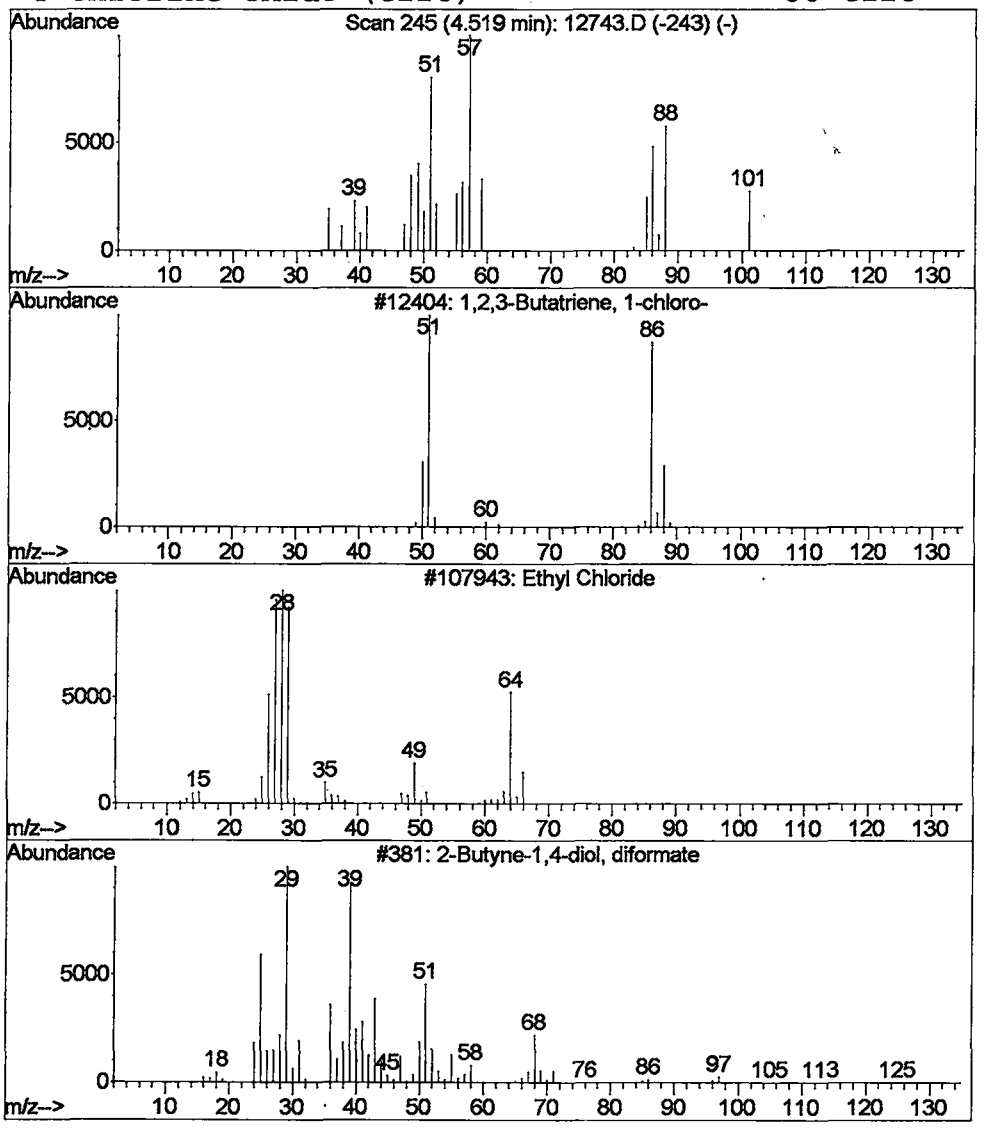
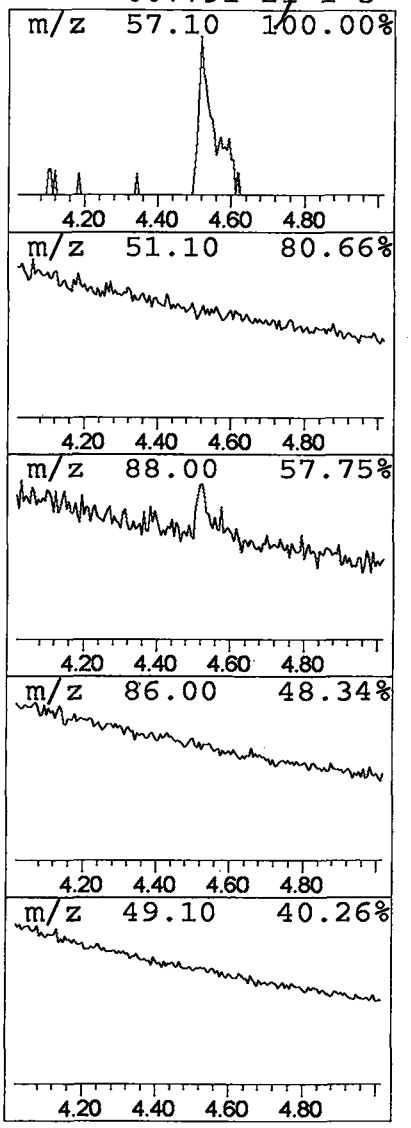
Peak Number 12 1,2,3-Butatriene, 1-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	1.75 ug/L	1250870	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Butatriene, 1-chloro-	86	C4H3Cl	020658-21-3	43
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	9
3	2-Butyne-1,4-diol, diformate	142	C6H6O4	036677-73-3	9
4	Chlorine oxide (Cl2O)	86	Cl2O	007791-21-1	5





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

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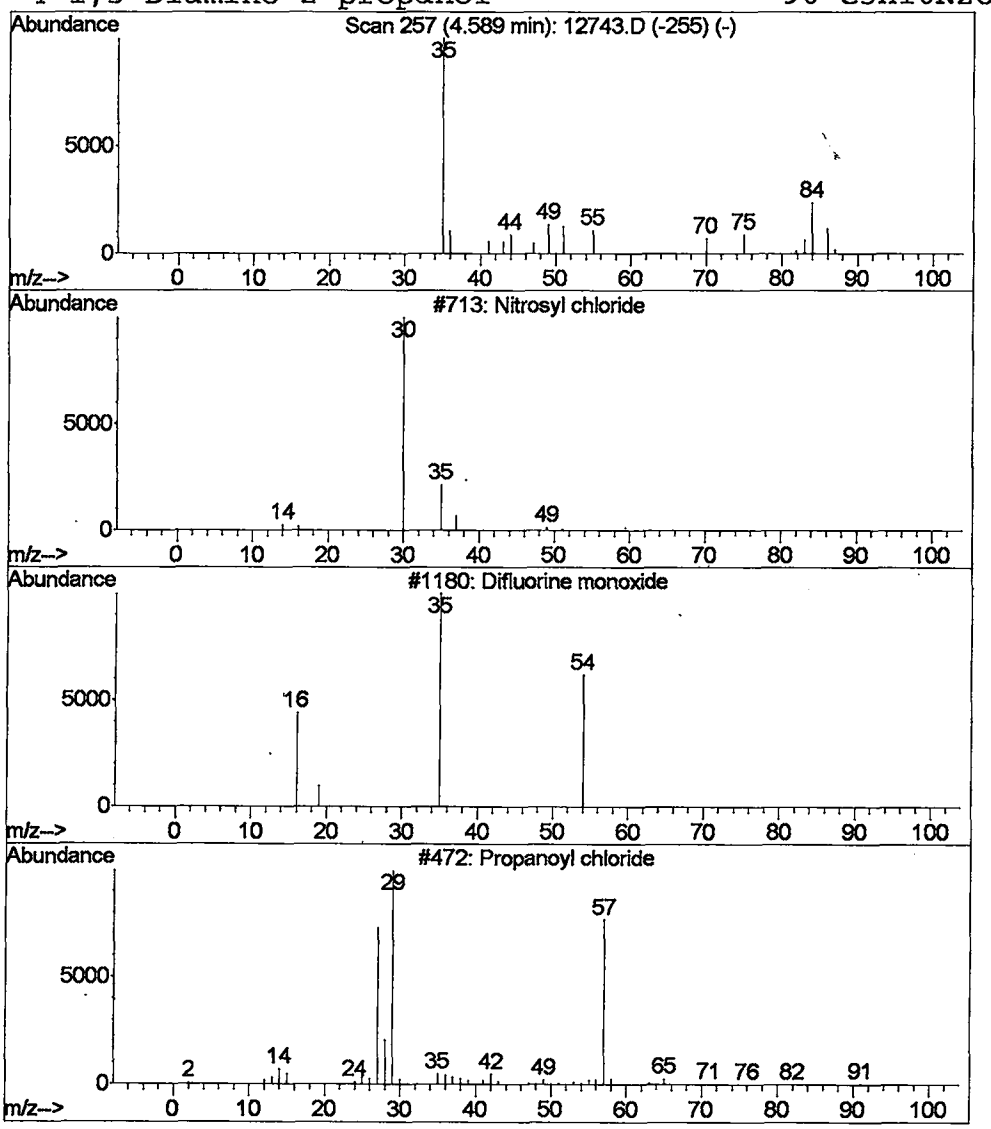
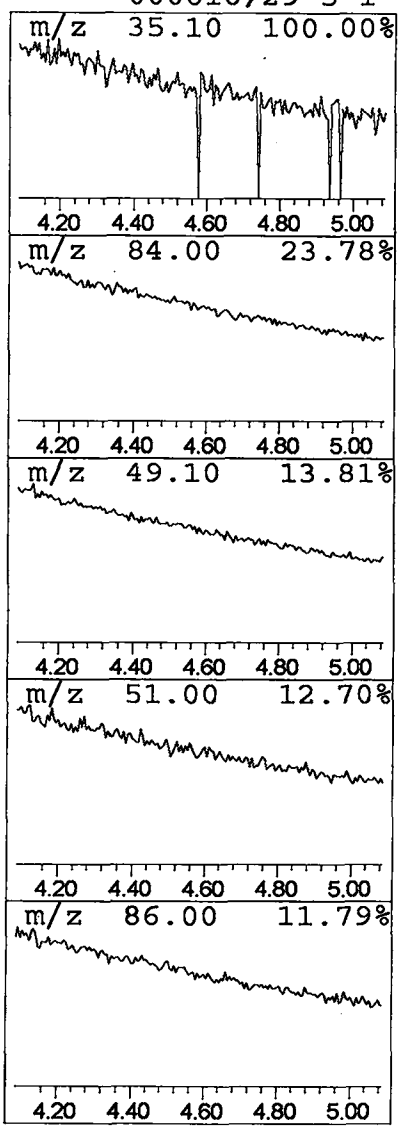
Peak Number 13 Nitrosyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	1.45 ug/L	1034260	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nitrosyl chloride	65	ClNO	002696-92-6	2
2	Difluorine monoxide	54	F2O	007783-41-7	1
3	Propanoyl chloride	92	C3H5ClO	000079-03-8	1
4	1,3-Diamino-2-propanol	90	C3H10N2O	000616-29-5	1





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Multiplr: 1.00

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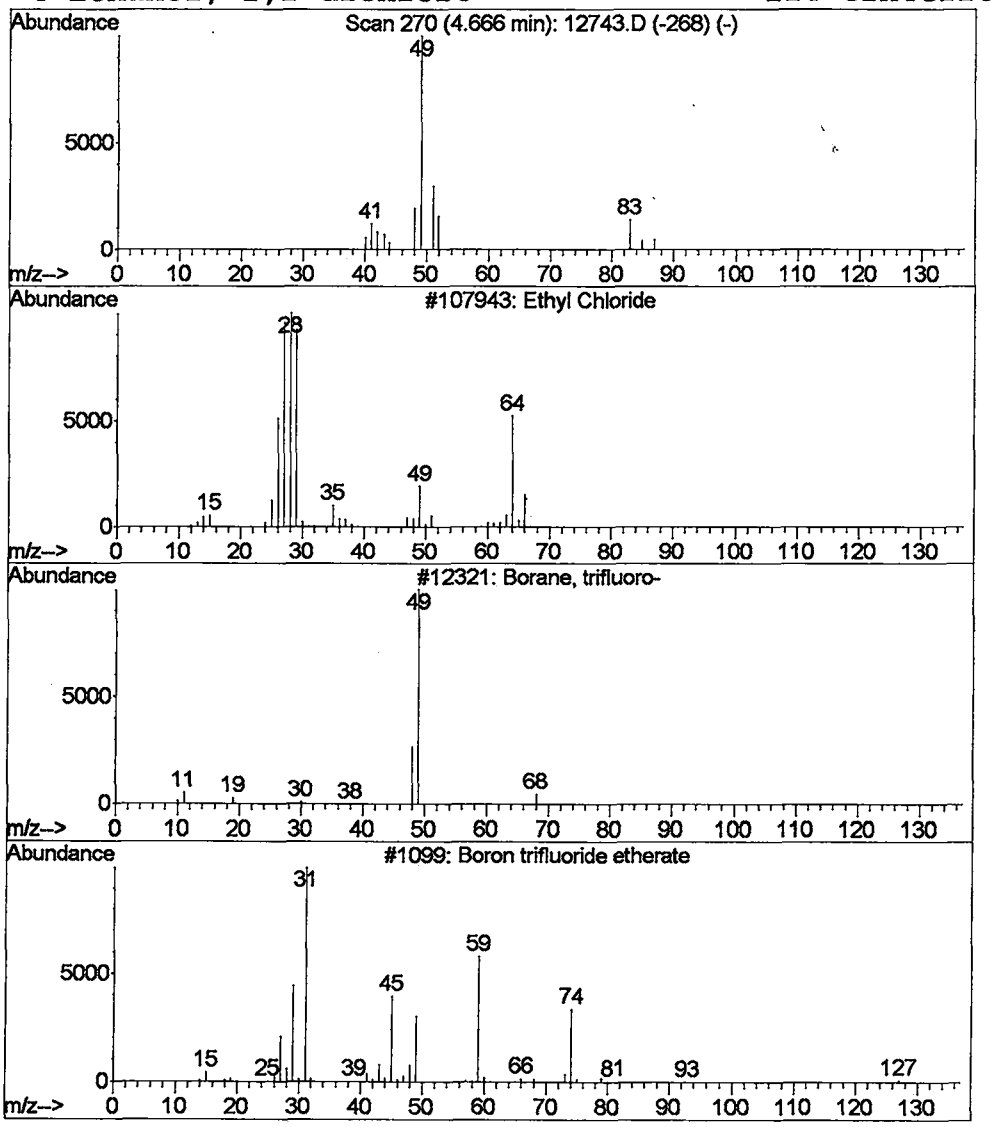
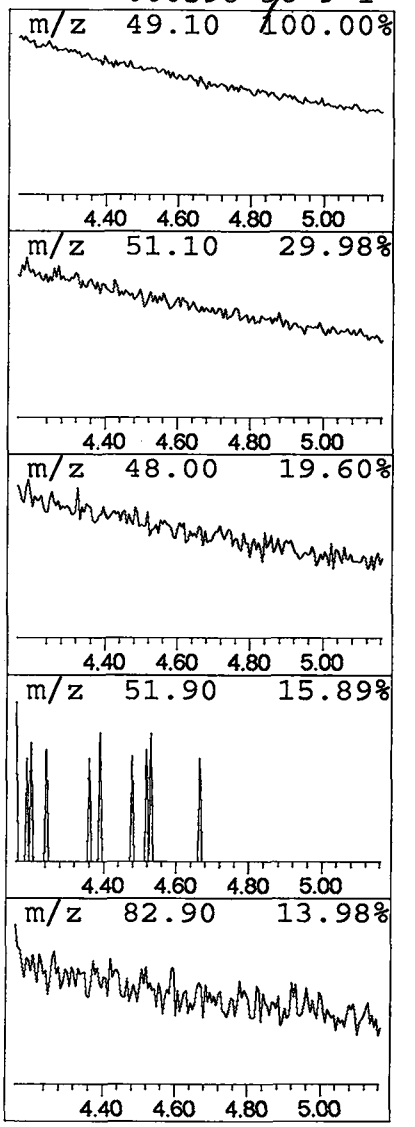
Peak Number 14 Ethyl Chloride Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.66	0.43 ug/L	307983	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
2	Borane, trifluoro-	68	BF3	007637-07-2	2
3	Boron trifluoride etherate	142	C4H10BF3O	000109-63-7	2
4	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1





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

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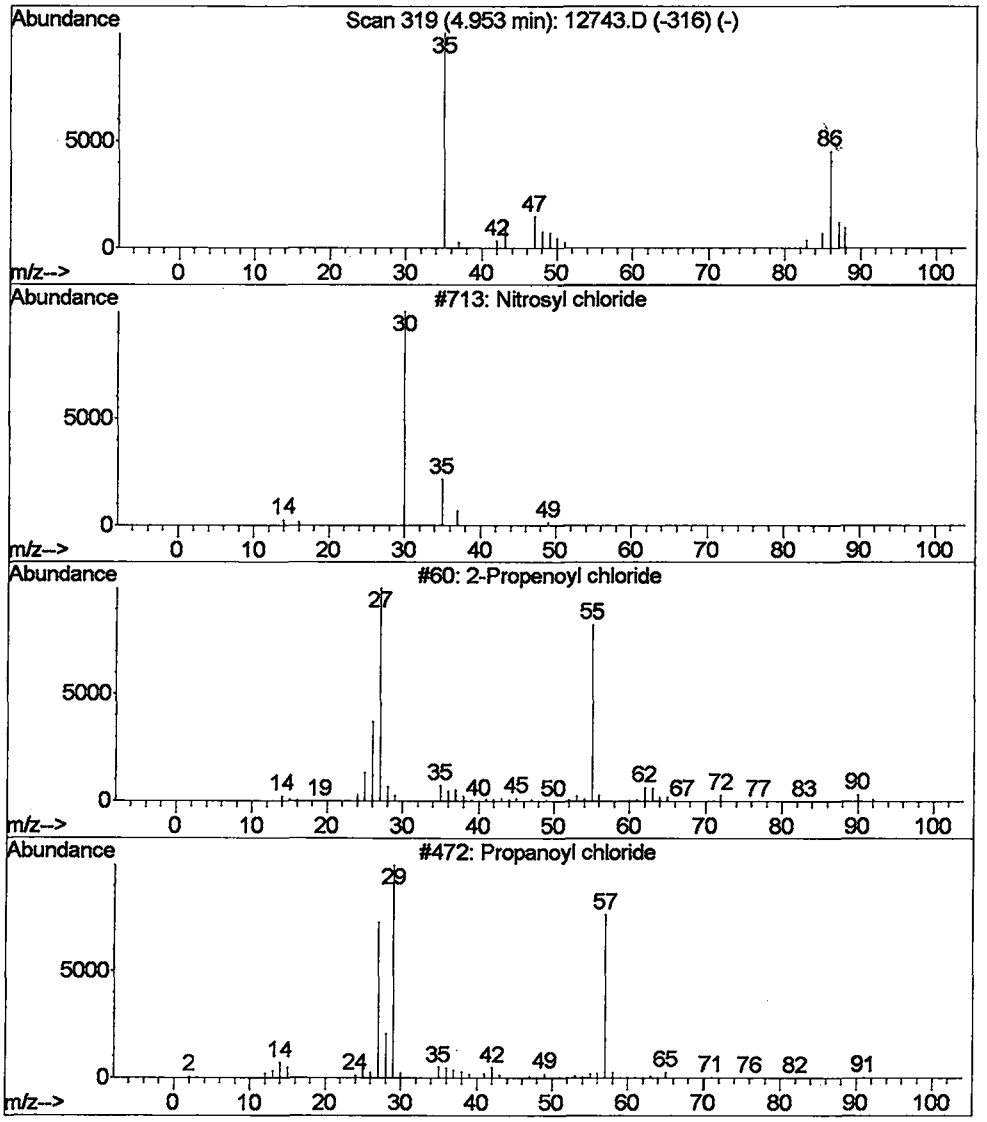
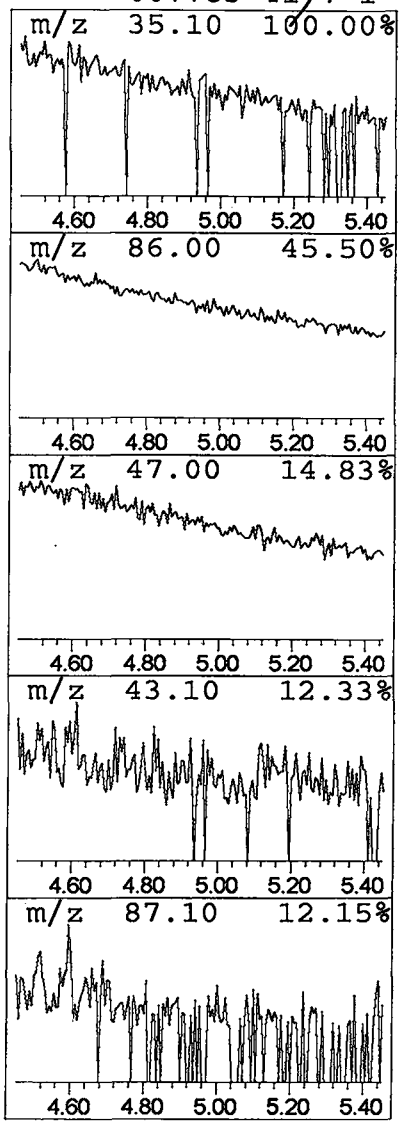
Peak Number 15 Nitrosyl chloride Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	0.33 ug/L	233689	1,4-dichlorobenzene-d4	9.90

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





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Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
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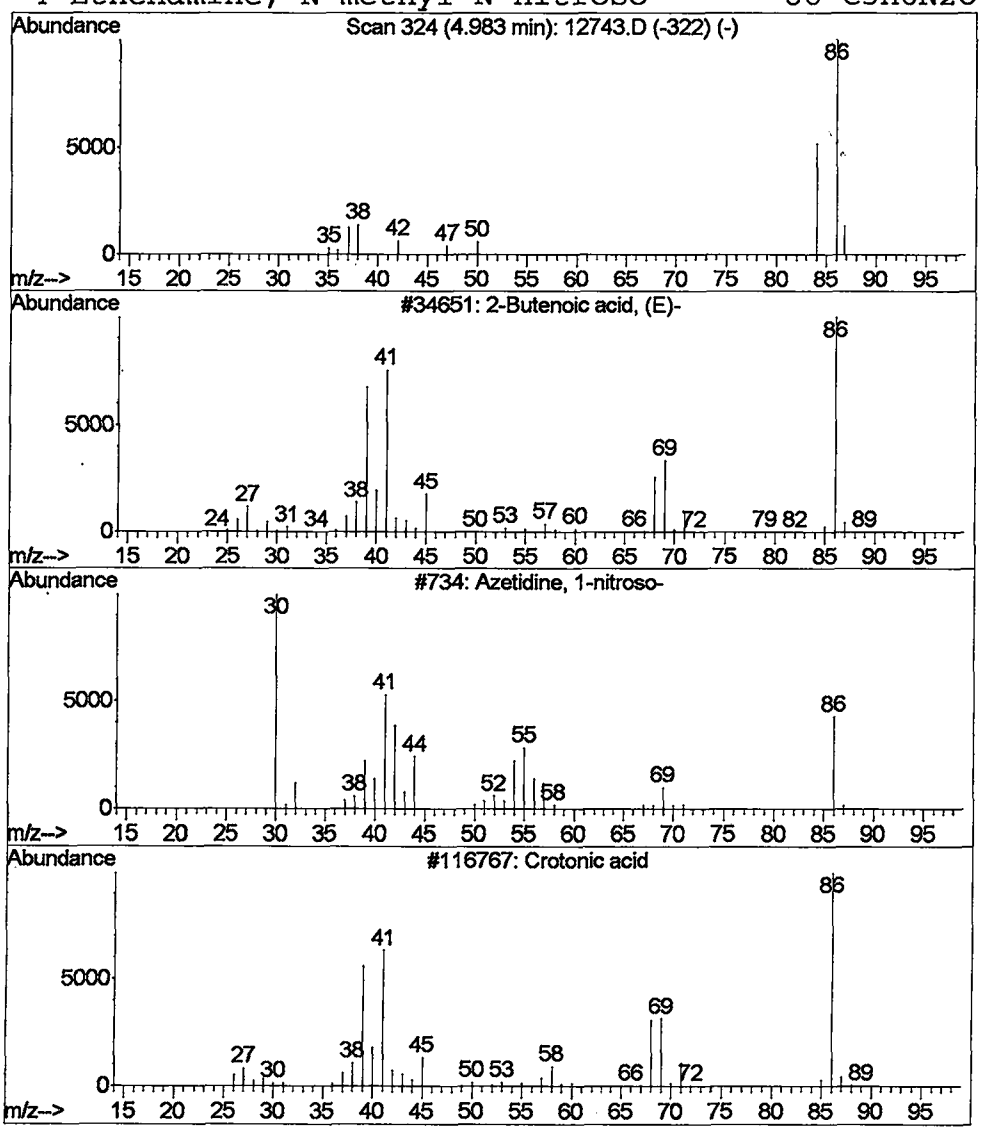
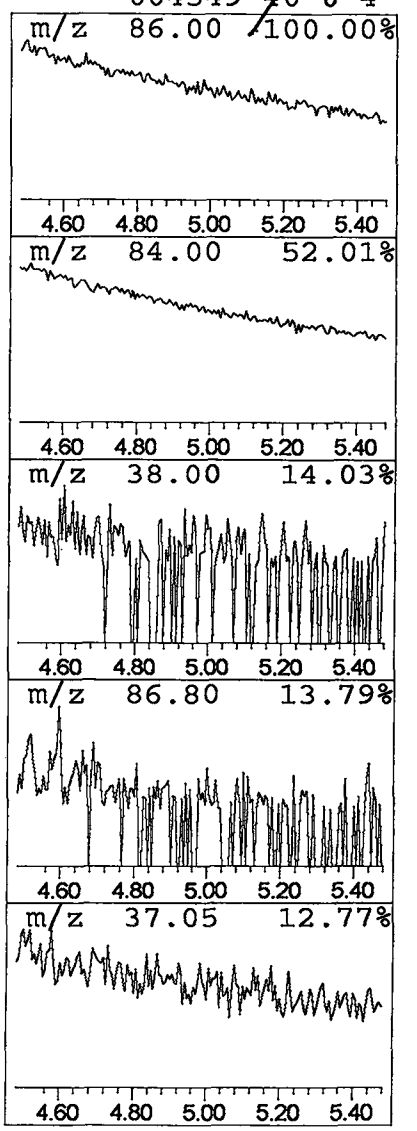
Peak Number 16 2-Butenoic acid, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	0.40 ug/L	288224	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	7
2	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	7
3	Crotonic acid	86	C4H6O2	003724-65-0	7
4	Ethenamine, N-methyl-N-nitroso-	86	C3H6N2O	004549-40-0	4





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Multiplr: 1.00

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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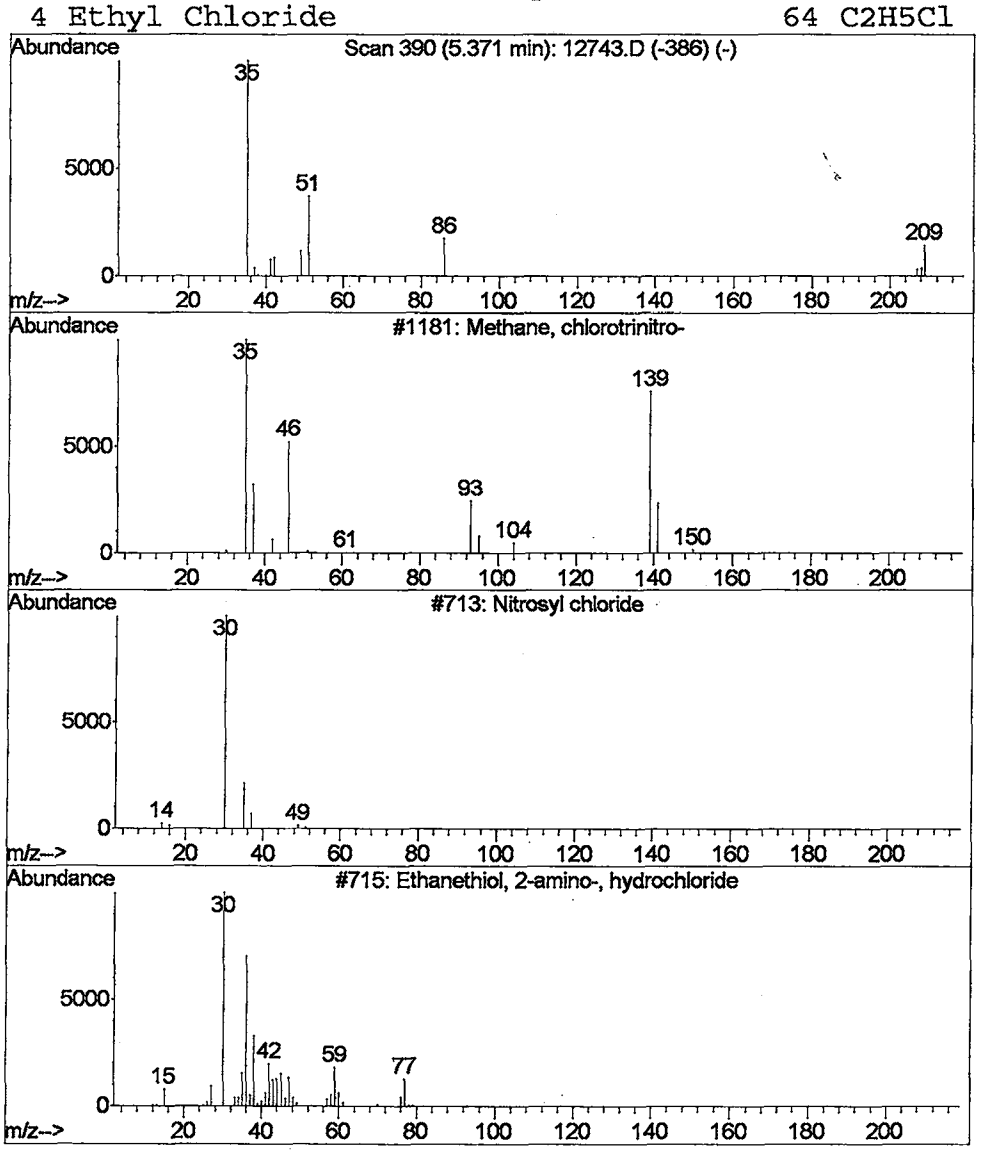
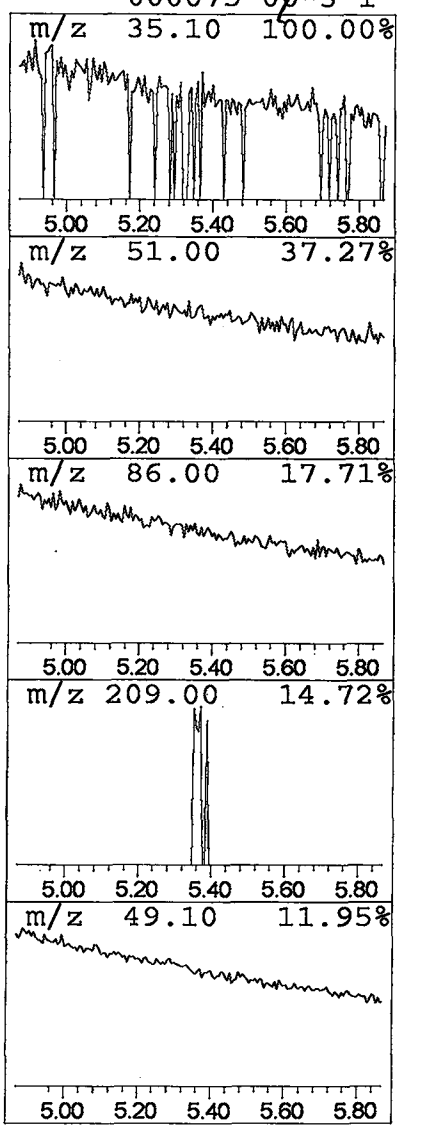
Peak Number 17 Methane, chlorotrinitro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	0.41 ug/L	294141	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, chlorotrinitro-	185	CClN3O6	001943-16-4	2
2	Nitrosyl chloride	65	ClNO	002696-92-6	2
3	Ethanethiol, 2-amino-, hydrochlo...	113	C2H8ClNS	000156-57-0	1
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	1





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

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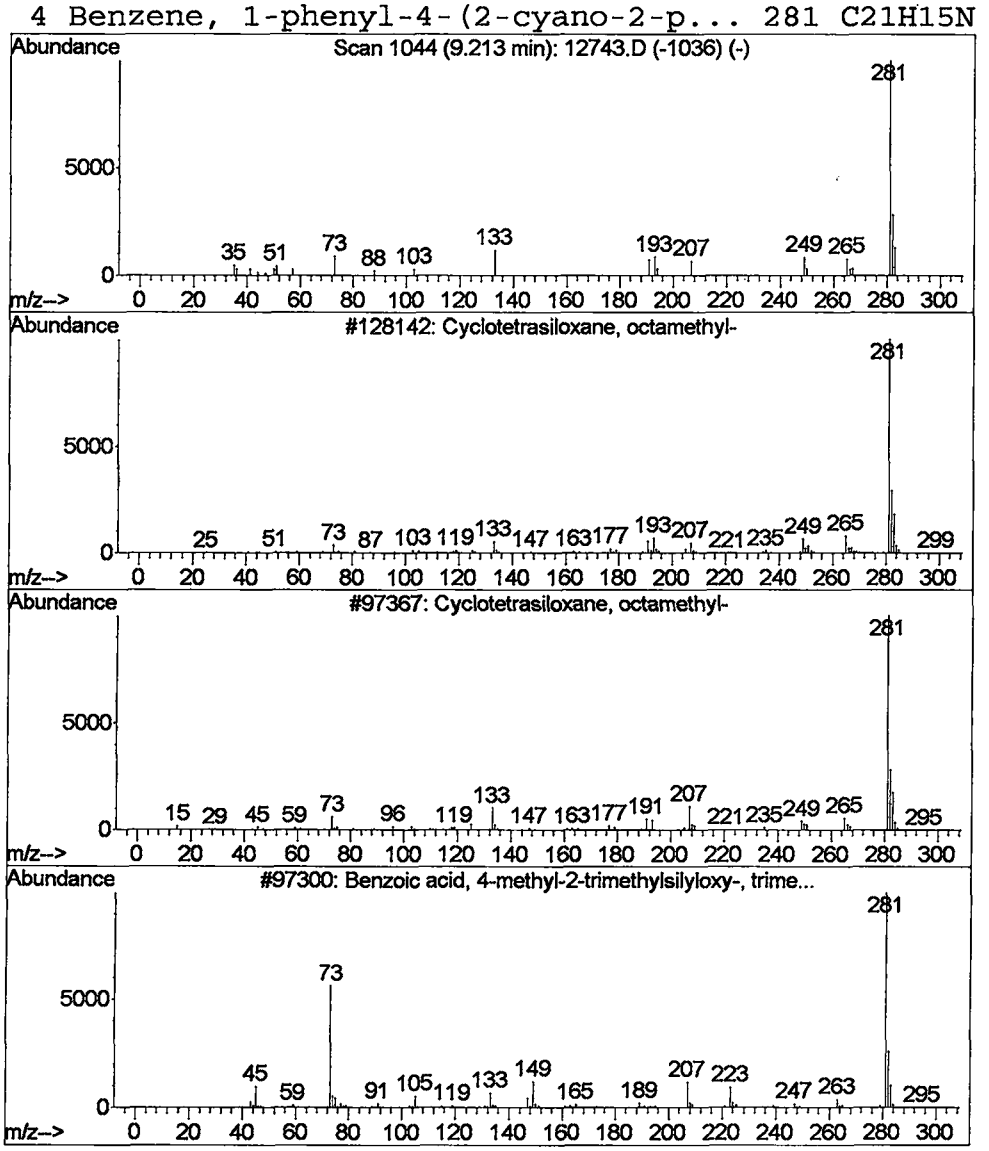
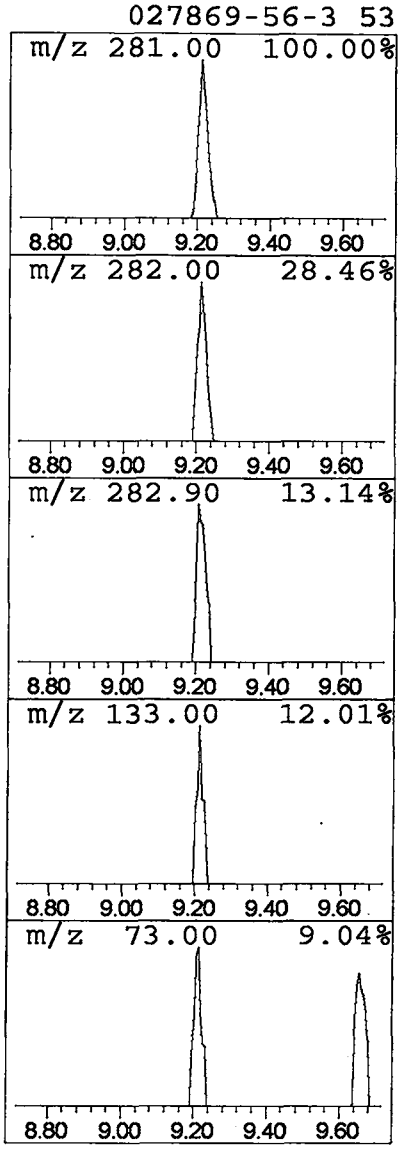
Peak Number 18 Cyclotetrasiloxane, octamet... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	0.30 ug/L	214060	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
2	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	78
3	Benzoic acid, 4-methyl-2-trimeth...	296	C14H24O3Si2	1000153-59-3	56
4	Benzene, 1-phenyl-4-(2-cyano-2-p...	281	C21H15N	027869-56-3	53

After





Tentatively Identified Compound (LSC) summary

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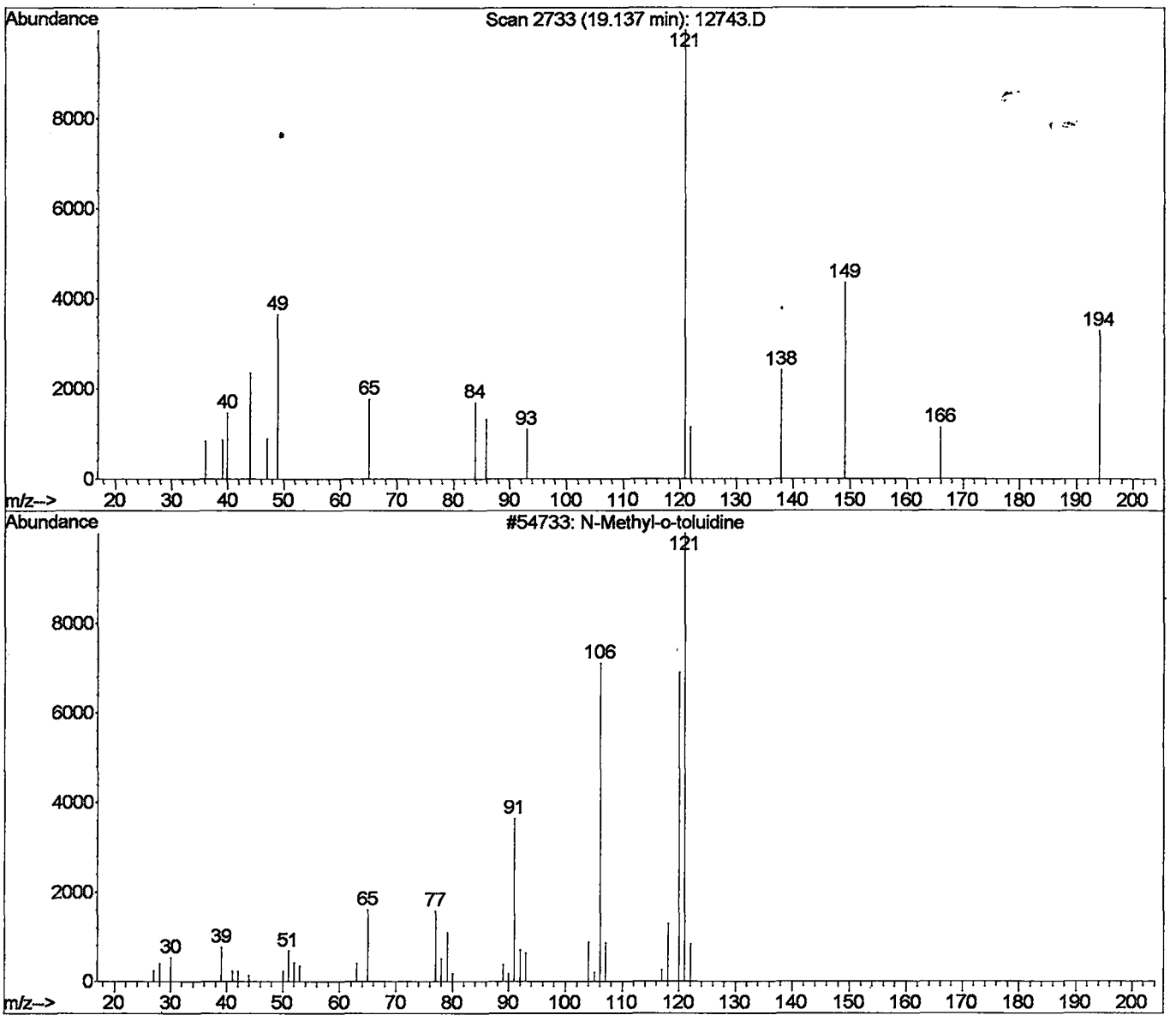
Name: 6/3 eh
Misc:
Method: C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title: 508 Modified GC/MS scan
Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Butanoic acid, me...	3.47	0.3	ug/L	219380	1	9.90	28546100	40.0
Methylene Chloride	3.73	5.5	ug/L	3957620	1	9.90	28546100	40.0
1,1,2-Trifluoroet...	3.77	1.7	ug/L	1188490	1	9.90	28546100	40.0
Propiolonitrile	3.80	1.3	ug/L	895788	1	9.90	28546100	40.0
2-Butenal, 3-methyl-	3.82	1.6	ug/L	1118310	1	9.90	28546100	40.0
Thiophene	3.85	1.1	ug/L	802416	1	9.90	28546100	40.0
Methane, chlorodi...	3.88	3.7	ug/L	2652790	1	9.90	28546100	40.0
Krypton	3.97	1.5	ug/L	1082890	1	9.90	28546100	40.0
Ethyl Chloride	3.99	1.4	ug/L	970159	1	9.90	28546100	40.0
Methylene Chloride	4.11	3.4	ug/L	2394200	1	9.90	28546100	40.0
Krypton	4.35	1.1	ug/L	818959	1	9.90	28546100	40.0
1,2,3-Butatriene,...	4.52	1.8	ug/L	1250870	1	9.90	28546100	40.0
Nitrosyl chloride	4.59	1.4	ug/L	1034260	1	9.90	28546100	40.0
Ethyl Chloride	4.66	0.4	ug/L	307983	1	9.90	28546100	40.0
Nitrosyl chloride	4.95	0.3	ug/L	233689	1	9.90	28546100	40.0
2-Butenoic acid, ...	4.98	0.4	ug/L	288224	1	9.90	28546100	40.0
Methane, chlorotr...	5.37	0.4	ug/L	294141	1	9.90	28546100	40.0
Cyclotetrasiloxan...	9.22	0.3	ug/L	214060	1	9.90	28546100	40.0
Anthracene-d10-	23.07	0.3	ug/L	325297	4	22.91	42367700	40.0
Cyclopropanecarbo...	34.89	0.5	ug/L	161028	6	34.65	13844000	40.0

Library Searched : C:\Database\NIST98.L
Quality : 9
ID : N-Methyl-o-toluidine



Library Searched : C:\Database\NIST98.L
Quality : 9
ID : 3-Phenyl-6-methyl-2,1-benzisoxazole