User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/10/2002 Time: 15:40:23

Sample: AE12762
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/10/02 15:40 Ended: 6/10/02 15:40 Analyst: DLV
Page: 1

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

Comments for Sample AE12762 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-10-2002 Time: 15:41:53

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\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:20:29 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	4831219	40.00	ug/L	0.00
10) Napthalene-d8	13.39	136	19350916	40.00	ug/L	0.00
17) Acenapthalene-d10	18.53	164	10769521	40.00	ug/L	0.00
29) Phenanthranene-d10	22.91	188	16223911	40.00	ug/L	0.00
37) Chrysene-d12	30.76	240	9728726	40.00	ug/L	0.00
43) Perylene-d12	34.65	264	4772557	40.00	ug/L	0.00
System Monitoring Compounds						
27) TCMX	20.50	209	2233369	28.90	ug/L	0.00
Spiked Amount 40.000			Recovery = 72.25%			
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	37173	N.D.		
30) Nnitrosodiphenylamine	20.50	169	43991	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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 07 08:20:29 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

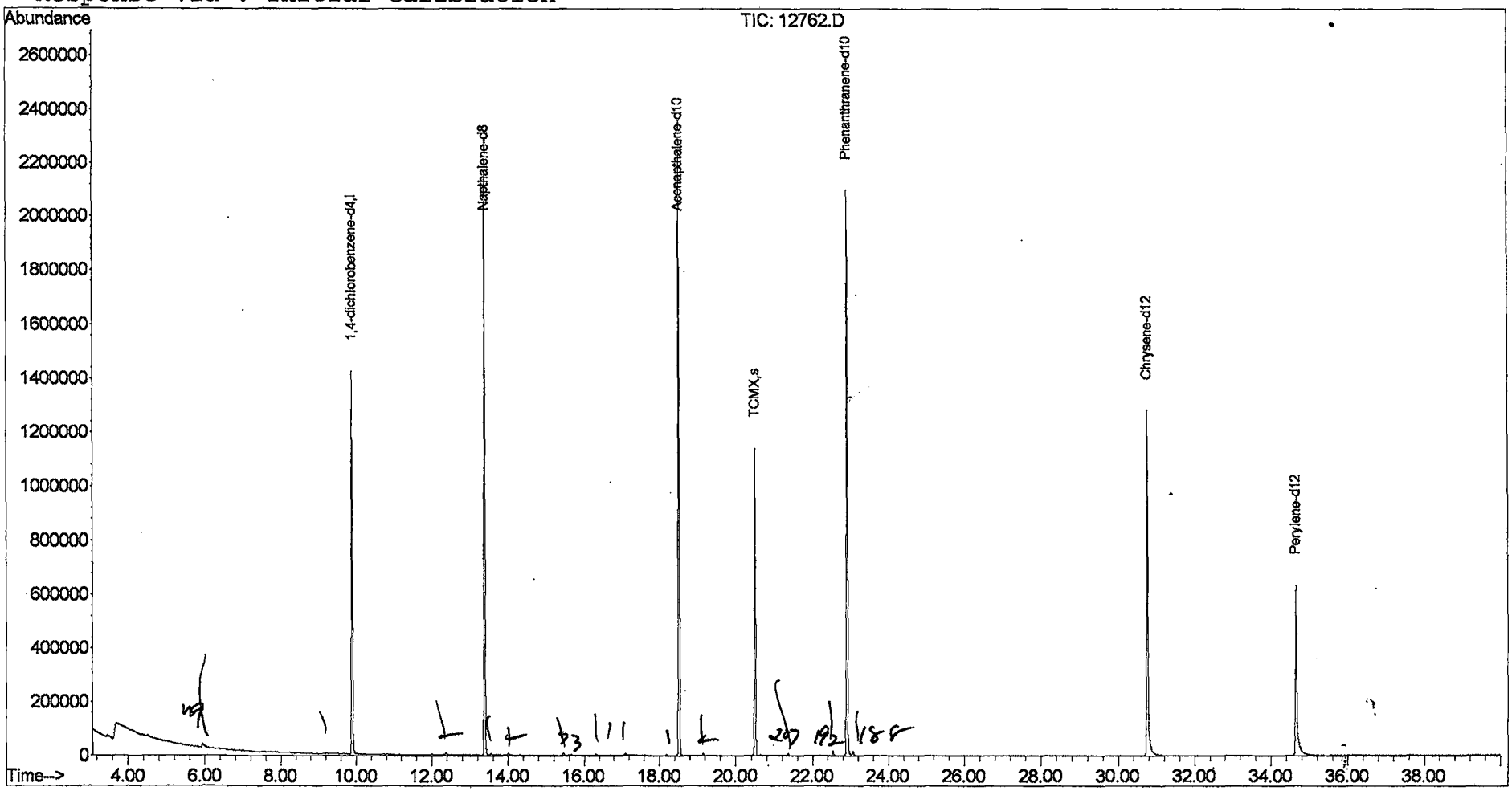
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
36) Fluoroanthene	0.00	202	0	N.D.	
38) Pyrene	0.00	202	0	N.D.	
39) Butylbenzylphthalate	0.00	149	0	N.D.	
40) Benzo(a)anthracene	0.00	228	0	N.D.	
41) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
42) Chrysene	0.00	228	0	N.D.	
44) Di-n-octylphthalate	0.00	149	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\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: EVENTS.E
Quant Time: Jun 10 10:25 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\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 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

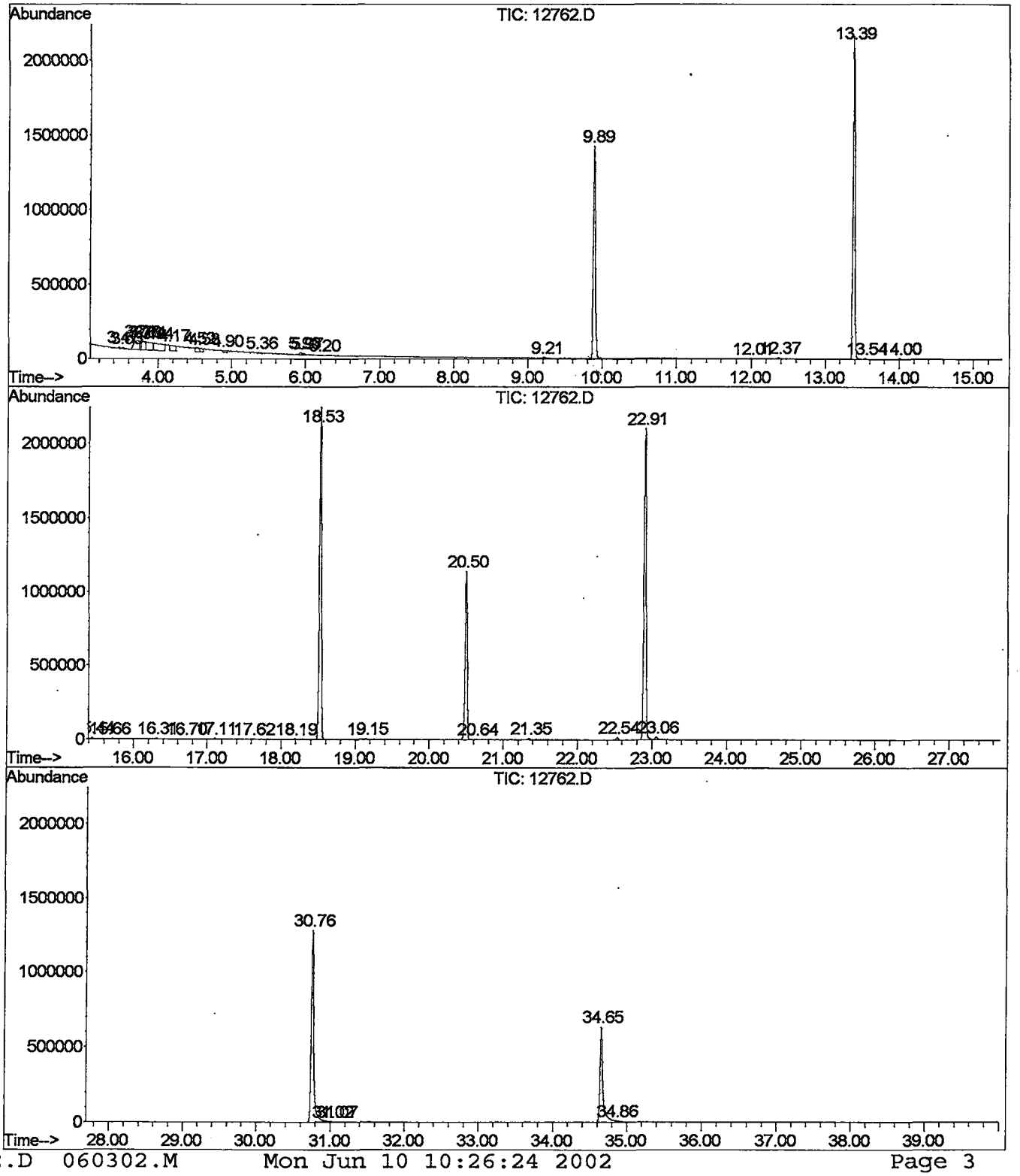
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.473	63	67	71	PV 5	7791	129395	0.30%	0.053%
2	3.526	71	76	94	VV 10	7122	265847	0.61%	0.109%
3	3.714	94	108	115	PV 4	60927	3178600	7.26%	1.303%
4	3.761	115	116	118	VV 2	58384	683722	1.56%	0.280%
5	3.779	118	119	128	VV 5	57789	1856525	4.24%	0.761%
6	3.837	128	129	146	VV 6	54536	3236059	7.39%	1.327%
7	3.943	146	147	172	VV 4	48543	4002920	9.14%	1.641%
8	4.172	183	186	198	VV 6	37524	1875840	4.28%	0.769%
9	4.519	243	245	253	VV 6	27224	900640	2.06%	0.369%
10	4.578	253	255	262	VV 5	22160	633268	1.45%	0.260%
11	4.895	307	309	317	VV 7	13334	412786	0.94%	0.169%
12	5.359	385	388	398	VV 10	6431	227091	0.52%	0.093%
13	5.935	480	486	489	VV 2	14167	258588	0.59%	0.106%
14	5.964	489	491	511	VV 6	10158	315155	0.72%	0.129%
15	6.205	528	532	535	PV 4	2007	21173	0.05%	0.009%
16	9.213	1040	1044	1057	PV 3	4444	83627	0.19%	0.034%
17	9.895	1149	1160	1180	PV	1428522	28606466	65.33%	11.726%
18	12.004	1514	1519	1531	VV 5	1964	44318	0.10%	0.018%
19	12.369	1572	1581	1587	VV 2	8171	131235	0.30%	0.054%
20	13.391	1745	1755	1774	VV	2141807	38970119	89.00%	15.974%
21	13.544	1774	1781	1787	VV 2	5801	118894	0.27%	0.049%
22	14.002	1848	1859	1866	PV 5	4959	97100	0.22%	0.040%
23	15.442	2099	2104	2110	VV	8448	127717	0.29%	0.052%
24	15.659	2128	2141	2144	PV 6	1820	28527	0.07%	0.012%
25	16.305	2246	2251	2267	VV 3	5249	137045	0.31%	0.056%
26	16.699	2307	2318	2323	VV 4	3101	65800	0.15%	0.027%
27	17.104	2383	2387	2394	VV 2	7270	113965	0.26%	0.047%
28	17.616	2466	2474	2479	PV 7	2766	47448	0.11%	0.019%
29	18.191	2566	2572	2578	VV	4077	68471	0.16%	0.028%
30	18.526	2617	2629	2647	VV	2246172	43786302	100.00%	17.949%
31	19.143	2729	2734	2744	VV 2	6550	111616	0.25%	0.046%
32	20.500	2953	2965	2977	PV	1141542	21881757	49.97%	8.970%
33	20.636	2984	2988	2995	VV 2	2969	46518	0.11%	0.019%
34	21.352	3102	3110	3115	VV 2	9143	144219	0.33%	0.059%
35	22.533	3304	3311	3321	PV 2	15346	281933	0.64%	0.116%
36	22.909	3364	3375	3395	PV 2	2119997	43653110	99.70%	17.894%
37	23.062	3395	3401	3424	VV	16433	372892	0.85%	0.153%

38	30.759	4699	4711	4754	PV	2	1270314	29760687	67.97%	12.199%
39	31.018	4754	4755	4763	VV	5	3003	58160	0.13%	0.024%
40	31.071	4763	4764	4766	VV	2	1277	9248	0.02%	0.004%
41	34.655	5360	5374	5407	PV		629892	16832243	38.44%	6.900%
42	34.854	5407	5408	5436	VV	5	9006	376492	0.86%	0.154%

Sum of corrected areas: 243953519

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\060602\12762.D
Operator : McLean
Acquired : 6 Jun 2002 5:00 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: 6/3 eh
Misc Info :
Vial Number: 8
Quant File :060302.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

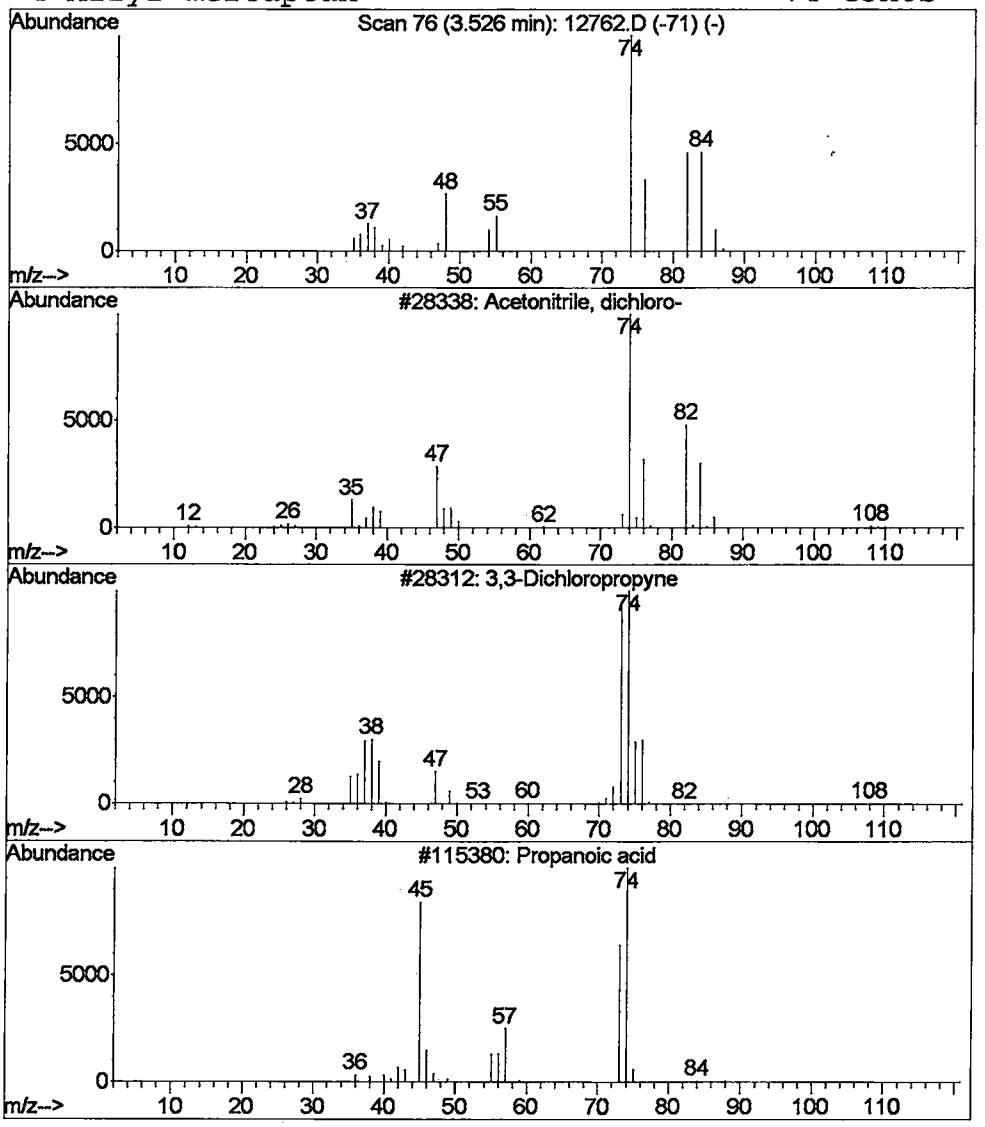
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

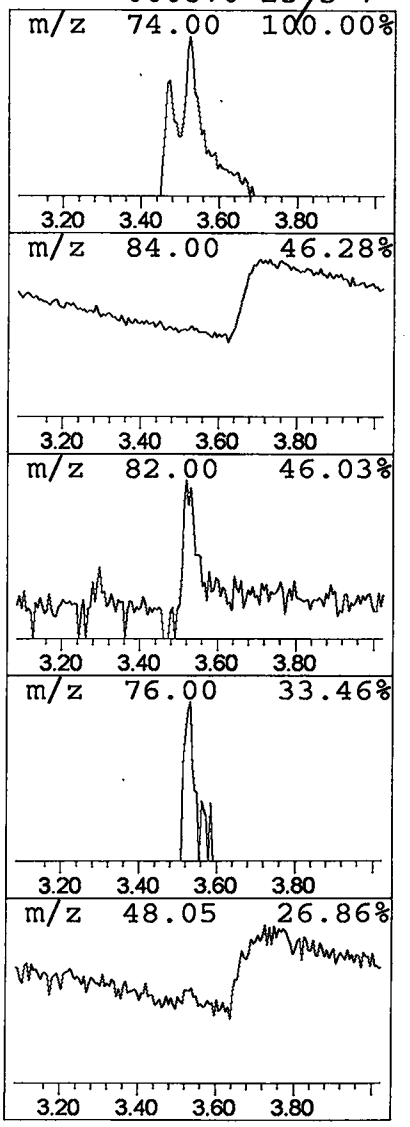
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	0.37 ug/L	265847	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	38
2	3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	9
3	Propanoic acid	74	C3H6O2	000079-09-4	7
4	Allyl mercaptan	74	C3H6S	000870-23-5	7





Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

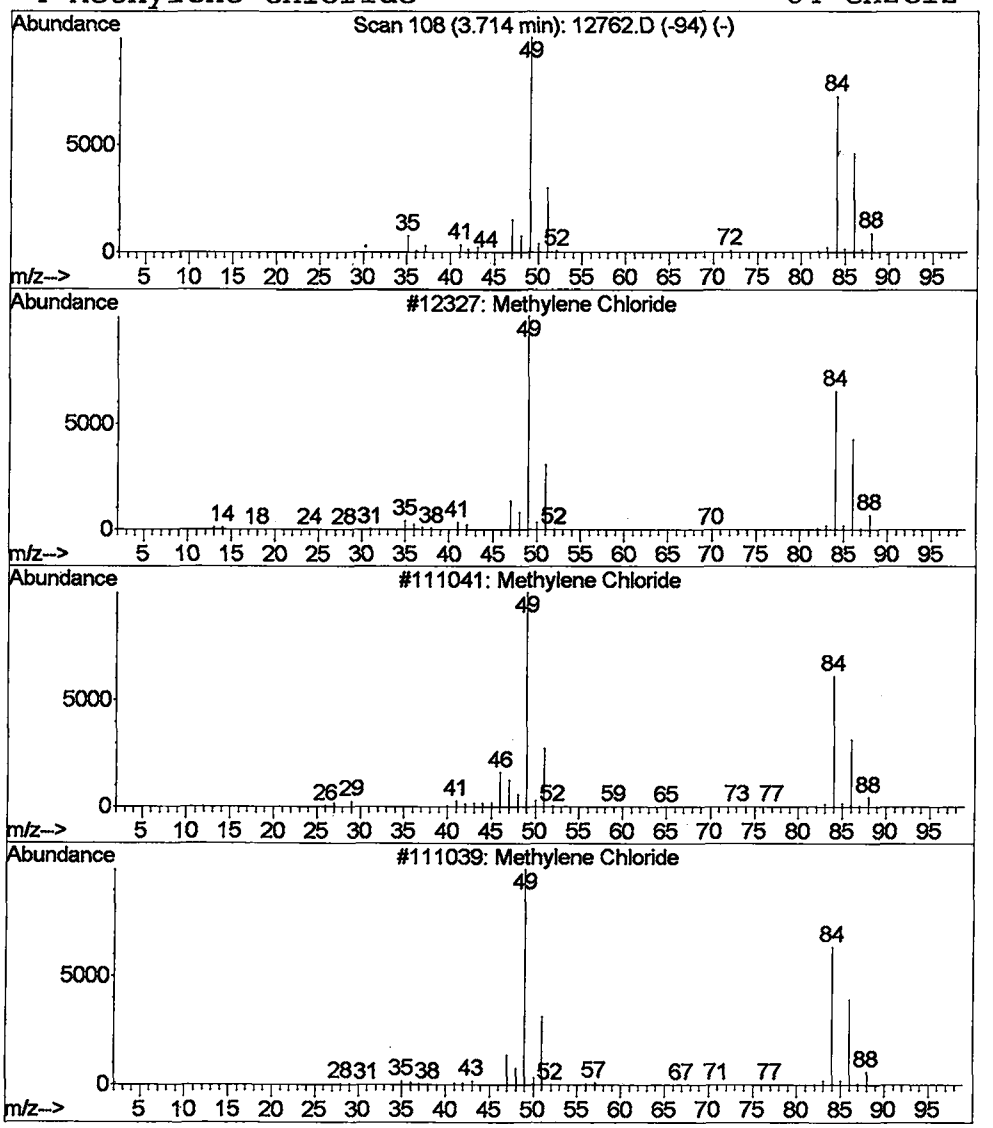
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

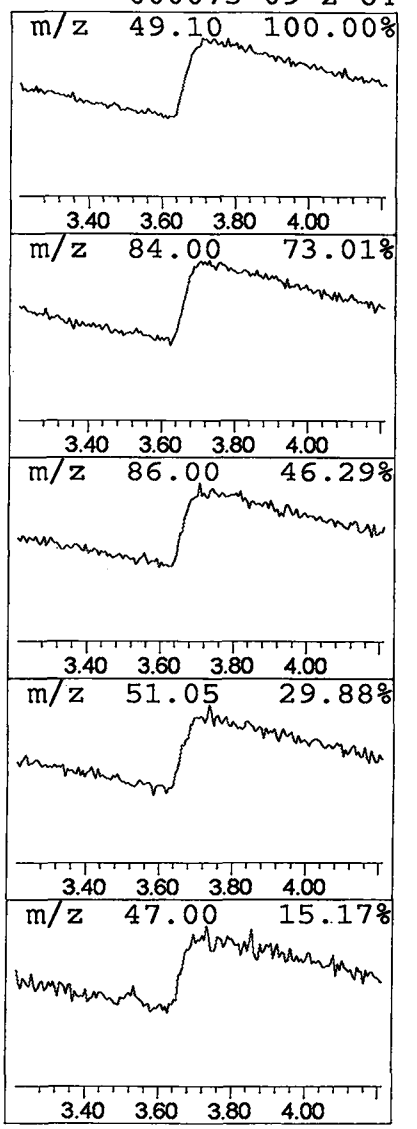
****

Peak Number 2 Methylene Chloride Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.71	4.44 ug/L	3178600	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	97
2	Methylene Chloride	84	CH2Cl2	000075-09-2	94
3	Methylene Chloride	84	CH2Cl2	000075-09-2	94
4	Methylene Chloride	84	CH2Cl2	000075-09-2	64





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

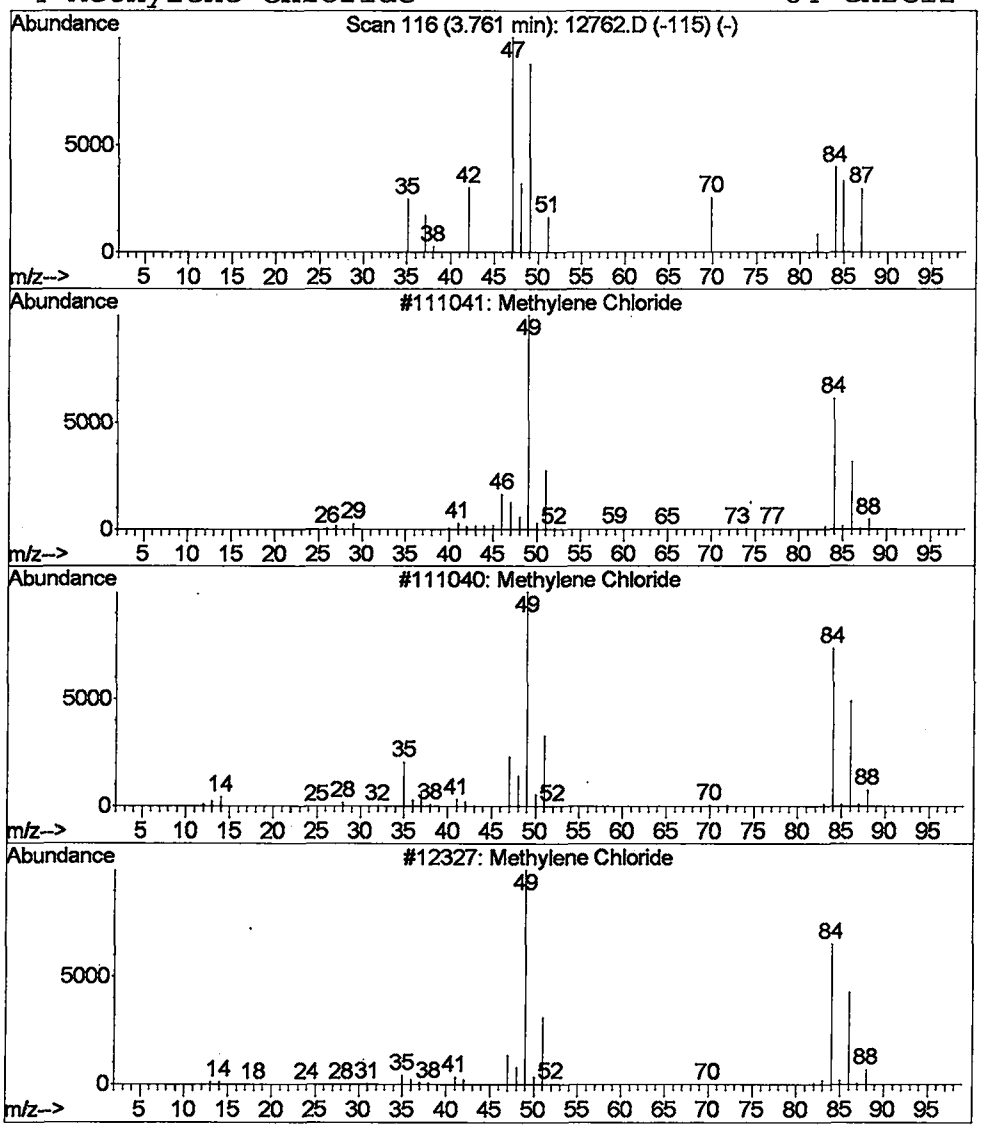
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

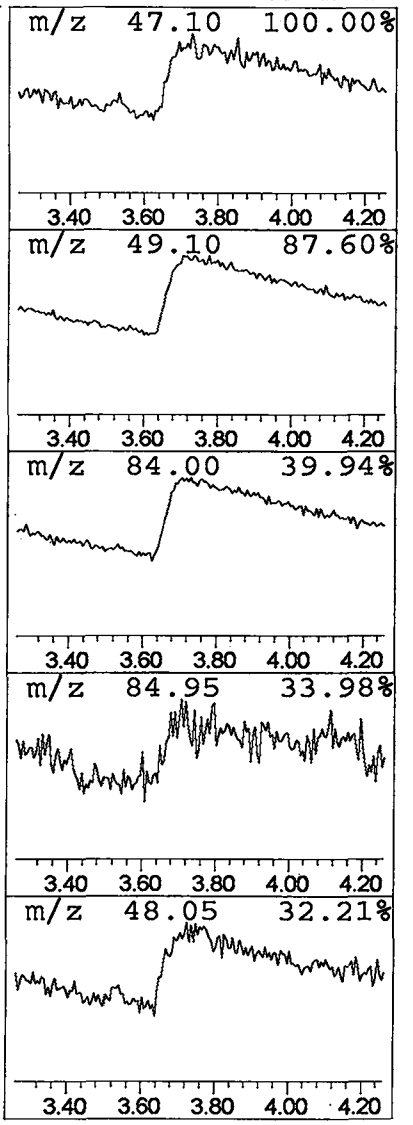
****

Peak Number 3 Methylene Chloride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.96 ug/L	683722	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	37
2	Methylene Chloride	84	CH2Cl2	000075-09-2	4
3	Methylene Chloride	84	CH2Cl2	000075-09-2	4
4	Methylene Chloride	84	CH2Cl2	000075-09-2	4





Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

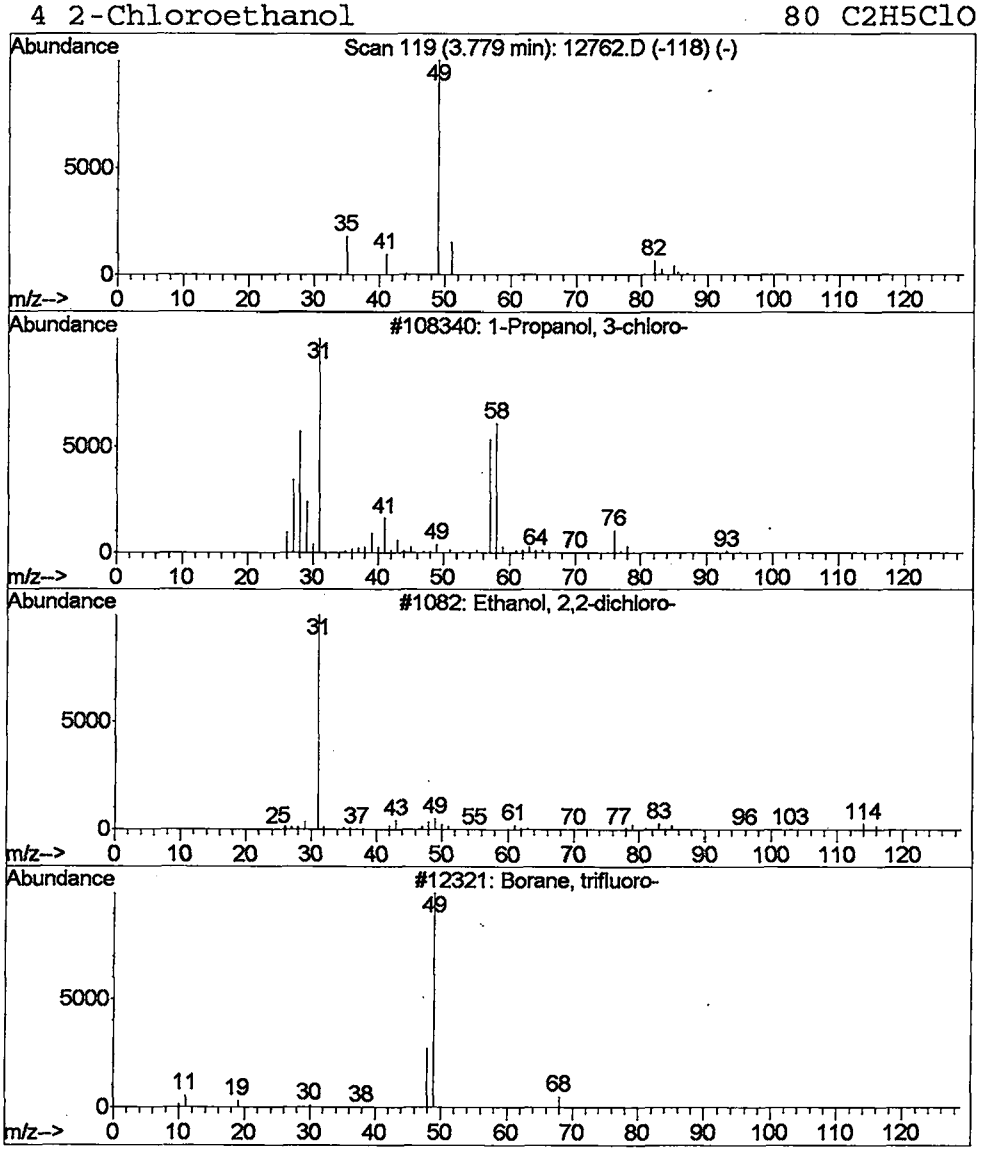
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

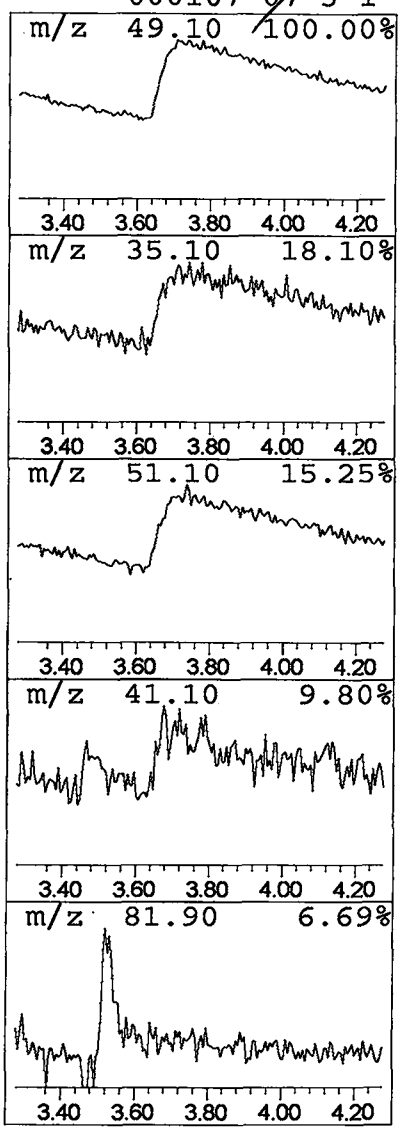
****

Peak Number 4 1-Propanol, 3-chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.78	2.60 ug/L	1856530	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-chloro-	94	C3H7ClO	000627-30-5	1
2	Ethanol, 2,2-dichloro-	114	C2H4Cl2O	000598-38-9	1
3	Borane, trifluoro-	68	BF3	007637-07-2	1
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	1





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D
Acq On : 6 Jun 2002 5:00 pm
Sample : 6/3 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

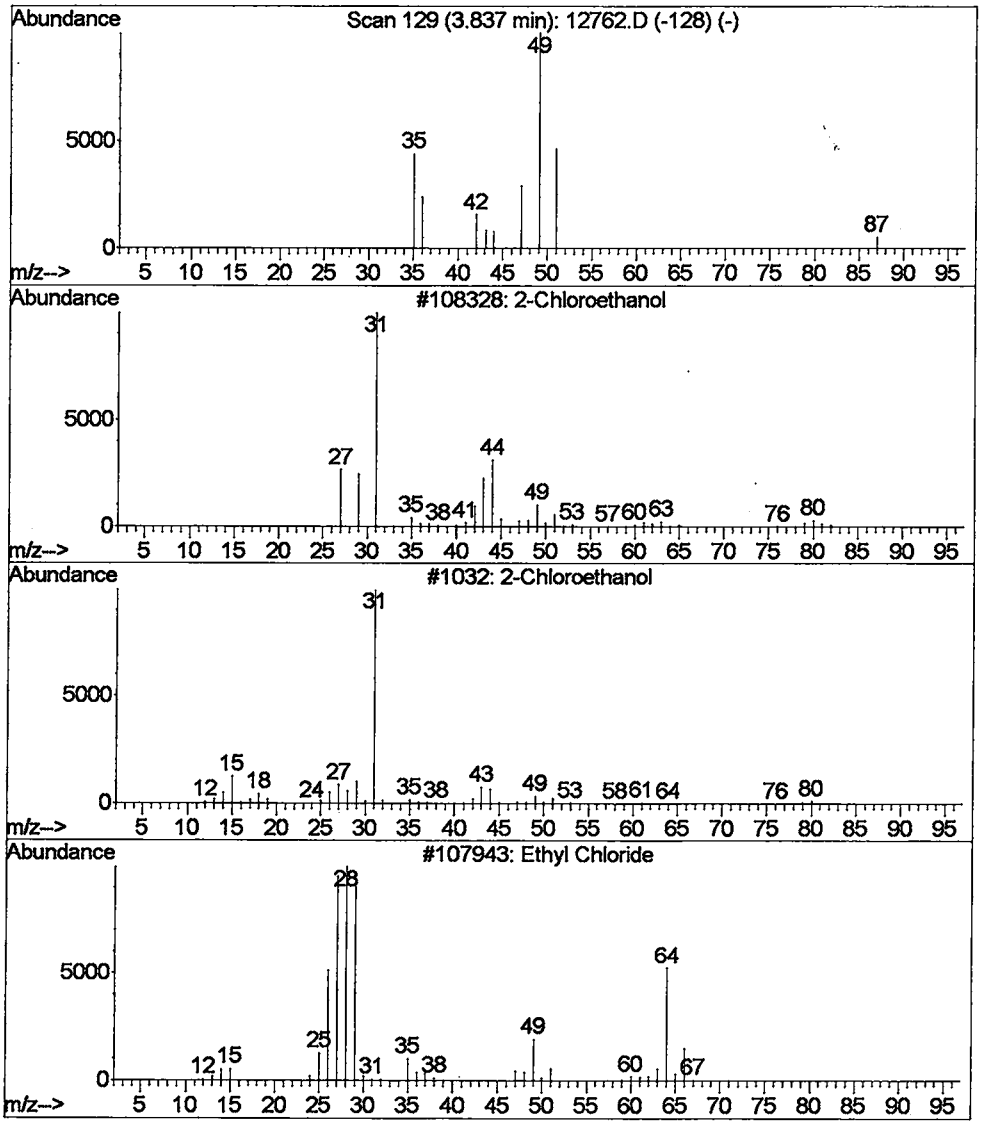
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

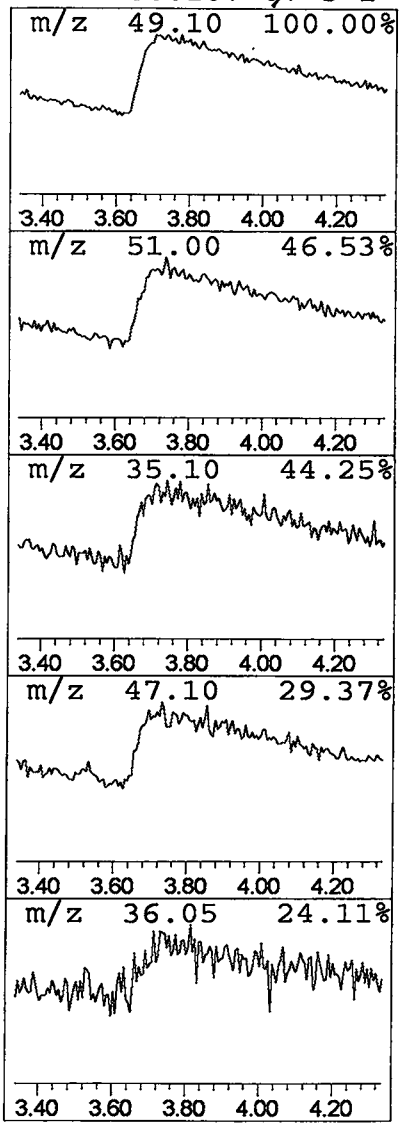
****

Peak Number 5 2-Chloroethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.84	4.52 ug/L	3236060	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethanol	80	C2H5ClO	000107-07-3	9
2	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	4
4	2-Chloroethanol	80	C2H5ClO	000107-07-3	2





Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

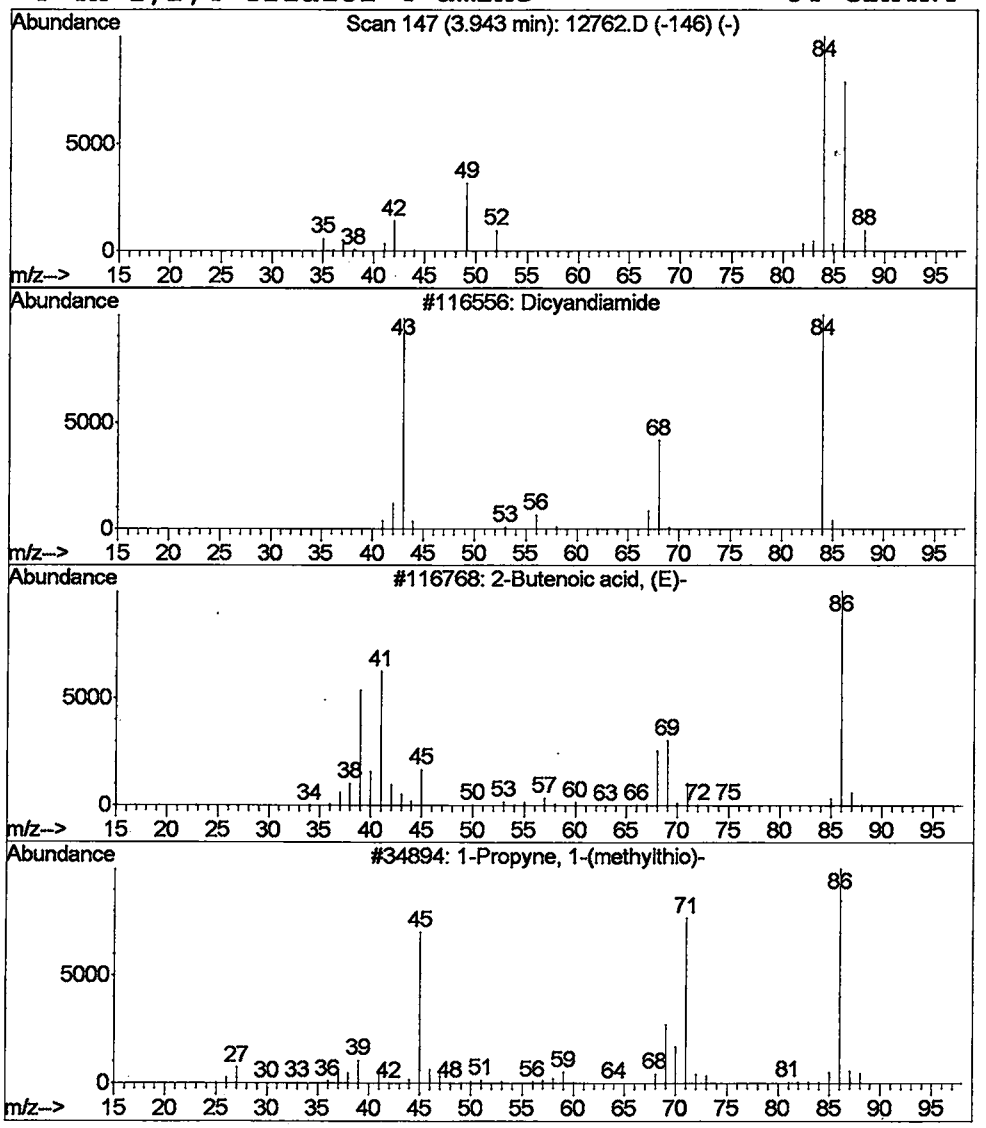
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

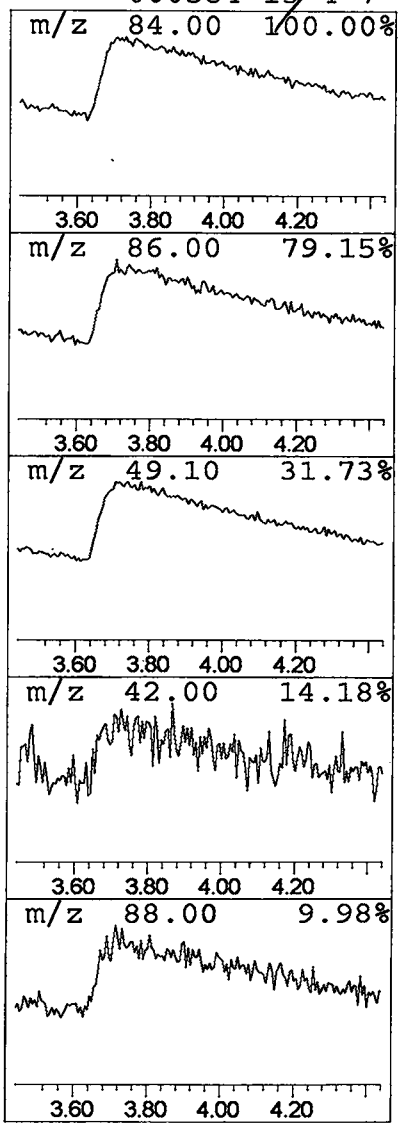
****

Peak Number 6 Dicyandiamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	5.60 ug/L	4002920	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dicyandiamide	84	C2H4N4	000461-58-5	9
2	2-Butenoic acid, (E)-	86	C4H6O2	000107-93-7	9
3	1-Propyne, 1-(methylthio)-	86	C4H6S	022174-51-2	7
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	7





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D
Acq On : 6 Jun 2002 5:00 pm
Sample : 6/3 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

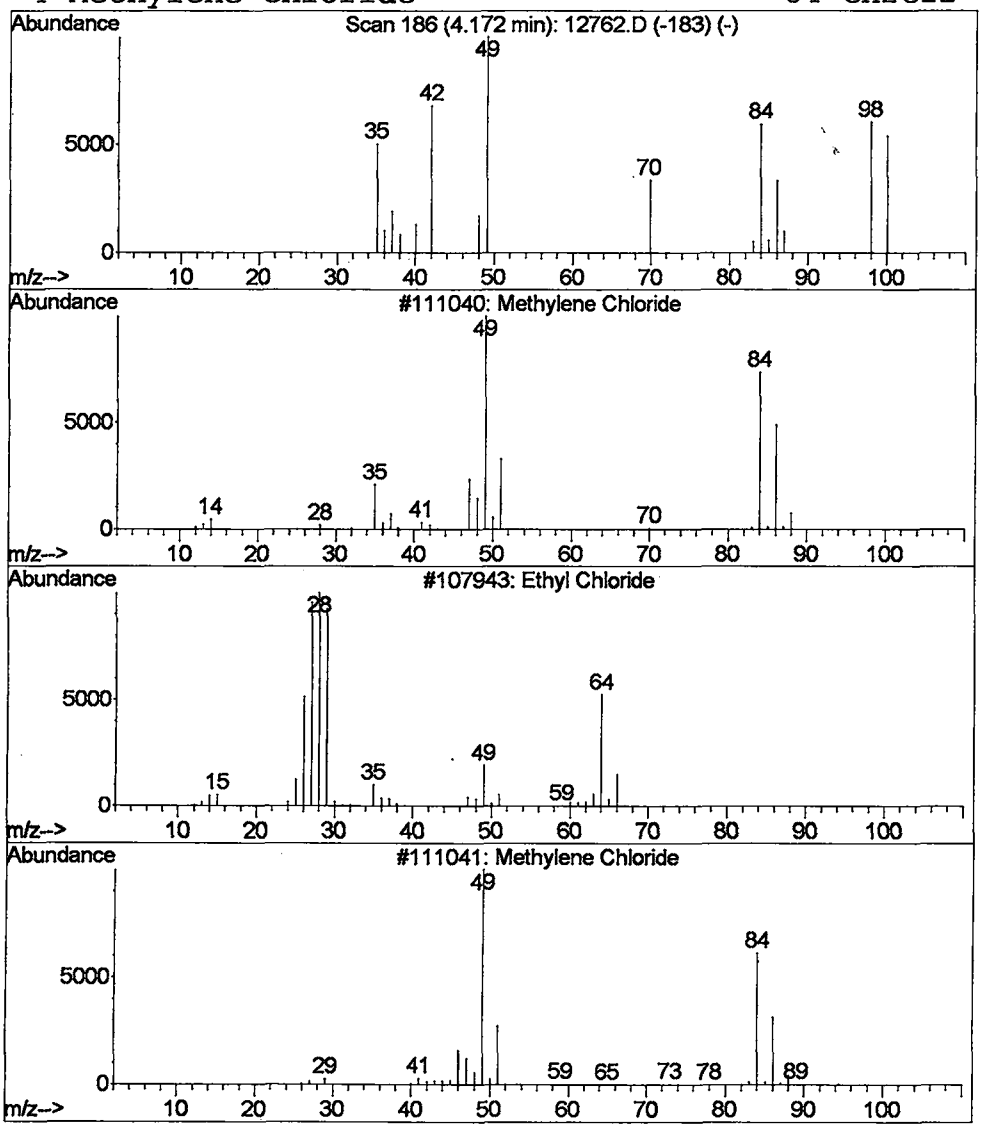
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

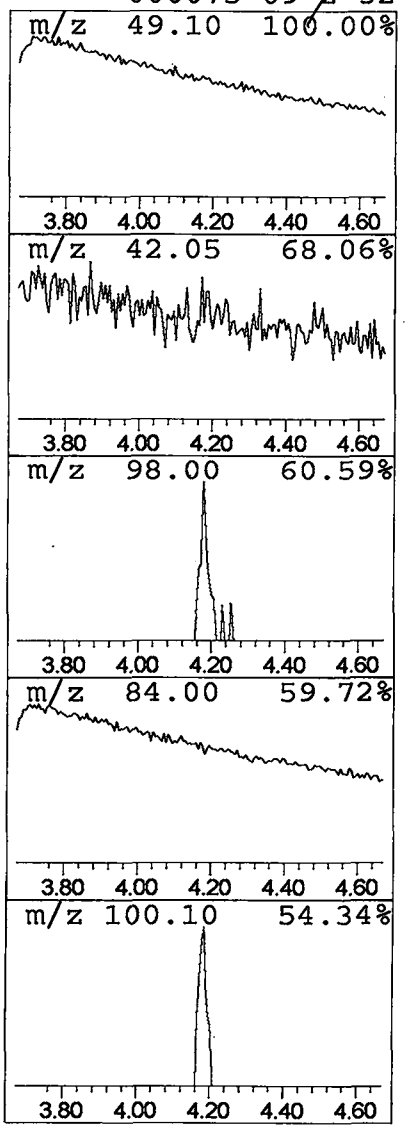
****

Peak Number 7 Methylene Chloride Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	2.62 ug/L	1875840	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	50
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	38
3	Methylene Chloride	84	CH2Cl2	000075-09-2	38
4	Methylene Chloride	84	CH2Cl2	000075-09-2	32





Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

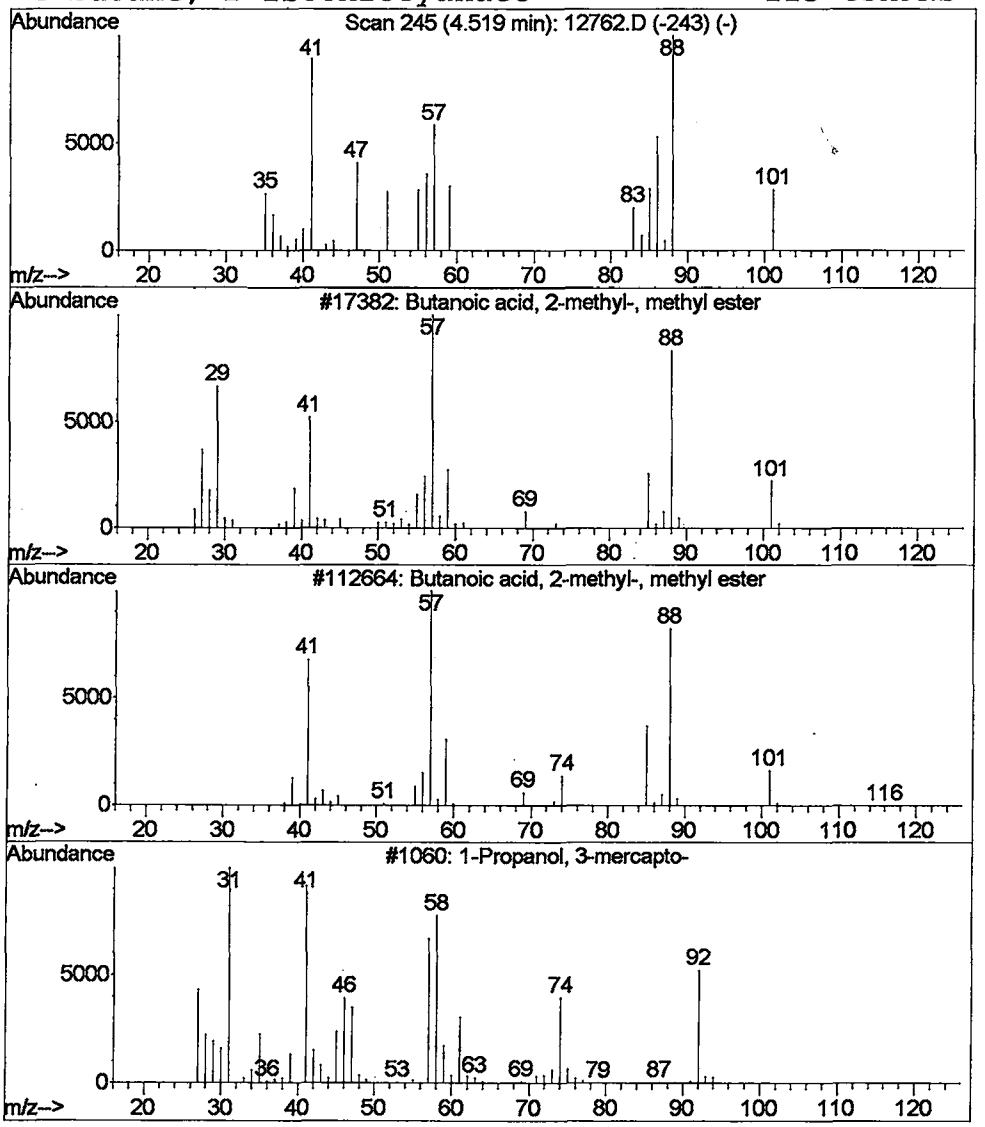
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

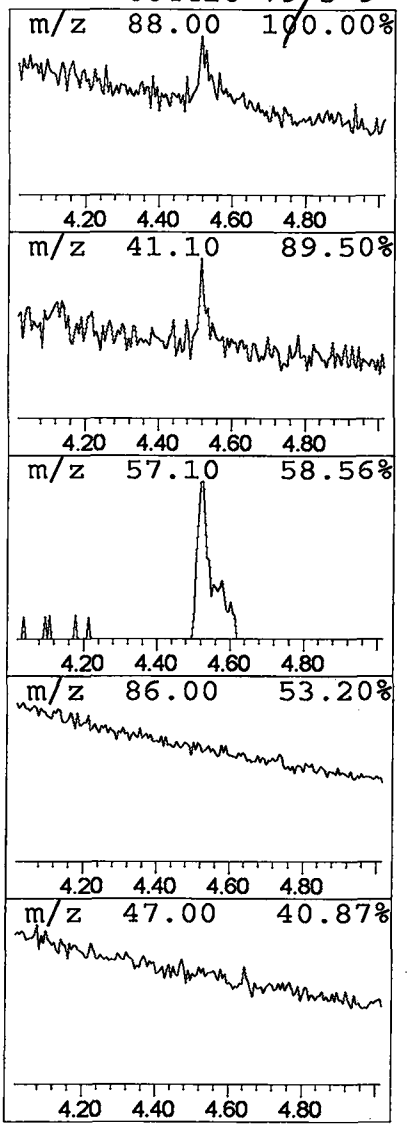
****

Peak Number 8 Butanoic acid, 2-methyl-, m... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.52	1.26 ug/L	900640	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	25
2	Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	9
3	1-Propanol, 3-mercapto-	92	C3H8OS	019721-22-3	9
4	Butane, 2-isothiocyanato-	115	C5H9NS	004426-79-3	9





Data File : C:\MSDCHEM\1\DATA\060602\12762.D
Acq On : 6 Jun 2002 5:00 pm
Sample : 6/3 eh
Misc :
MS Integration Params: LSCINT.e

Vial: 8
Operator: McLean
Inst : Instrumen
Multiplr: 1.00

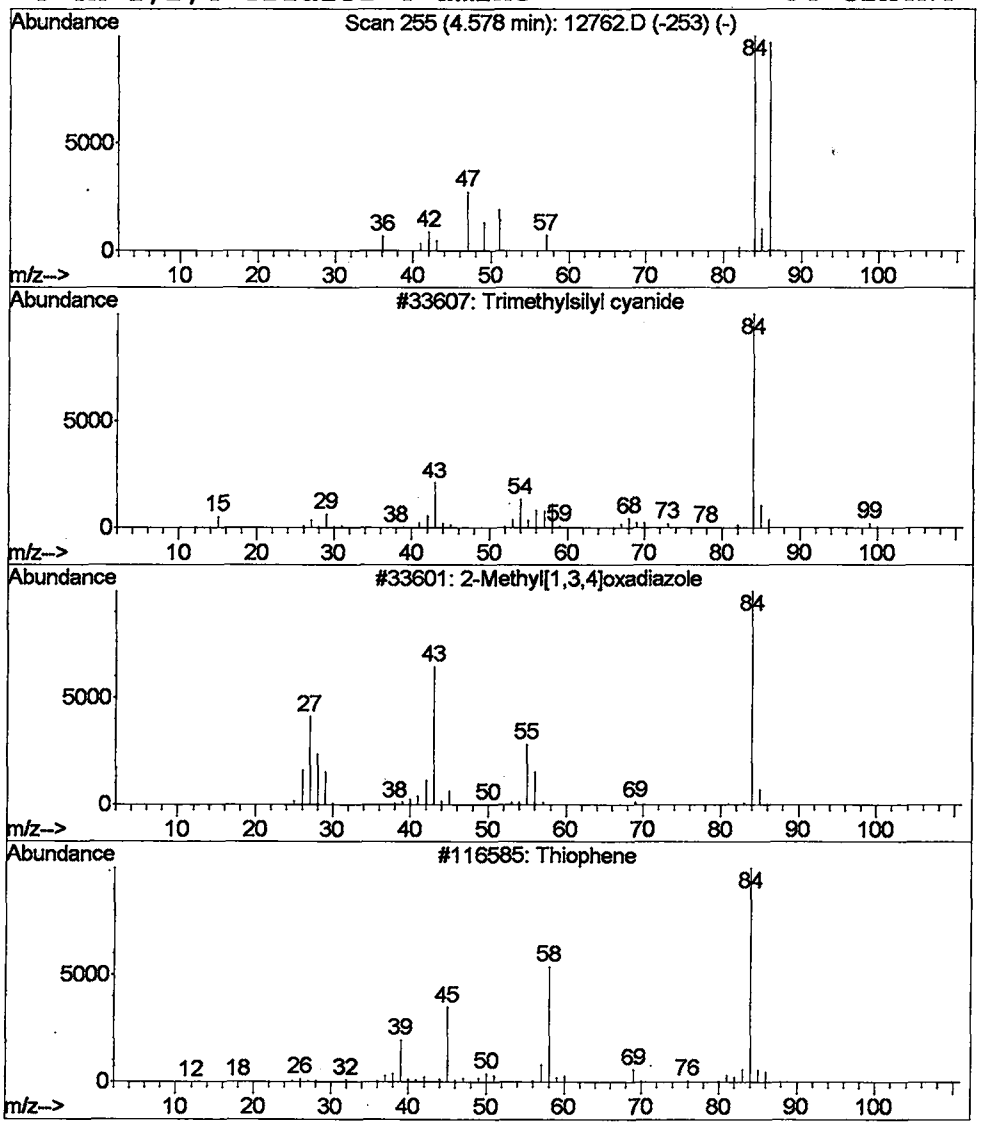
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

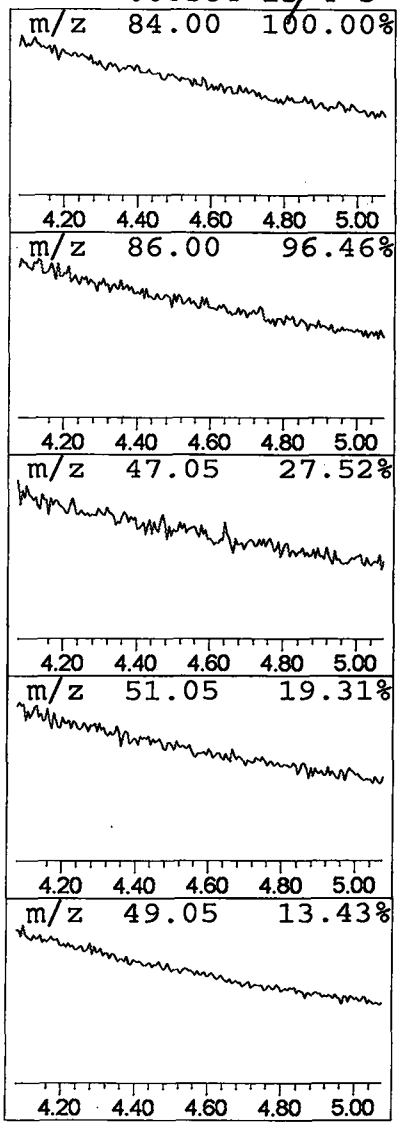
****

Peak Number 9 Trimethylsilyl cyanide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	0.89 ug/L	633268	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylsilyl cyanide	99	C4H9NSi	007677-24-9	9
2	2-Methyl[1,3,4]oxadiazole	84	C3H4N2O	003451-51-2	7
3	Thiophene	84	C4H4S	000110-02-1	5
4	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	5





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

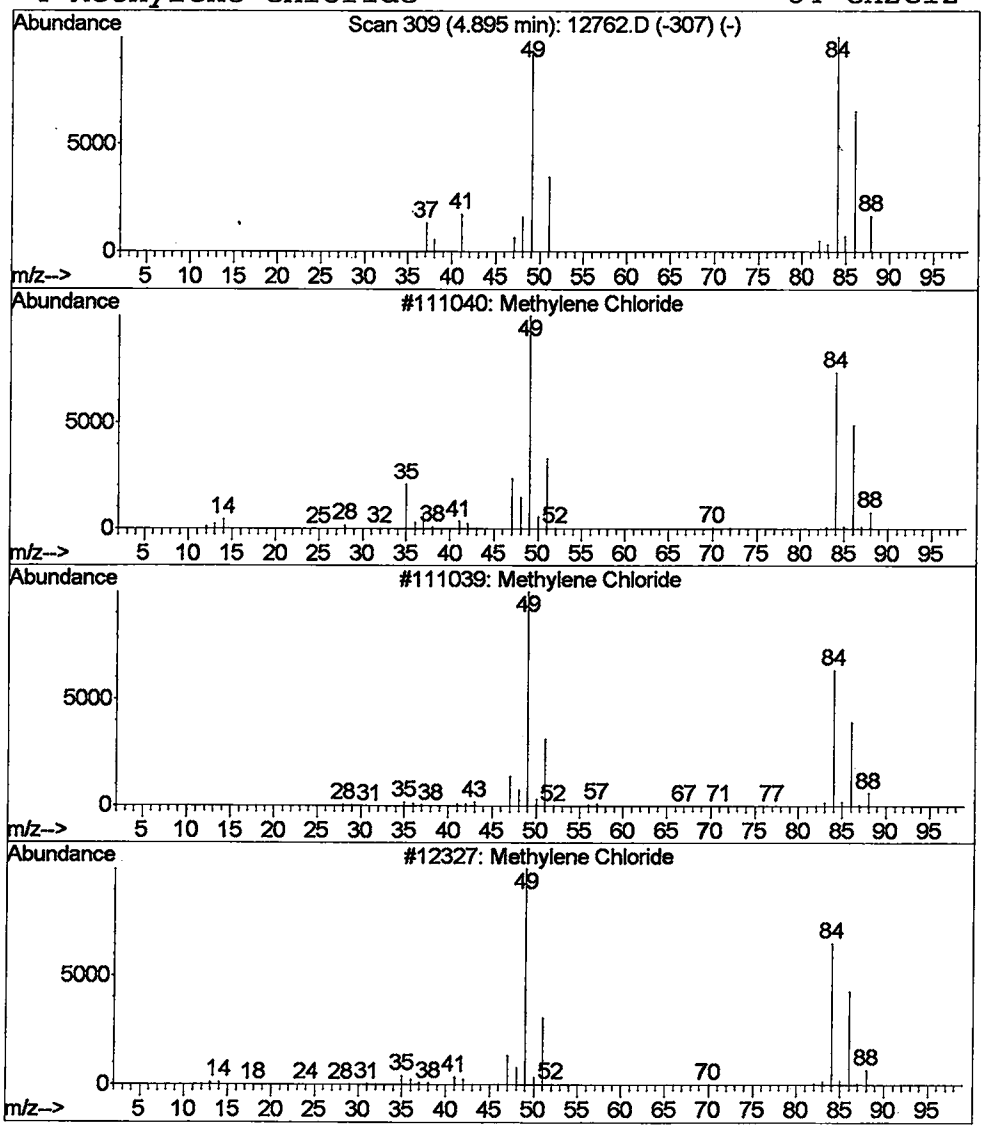
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

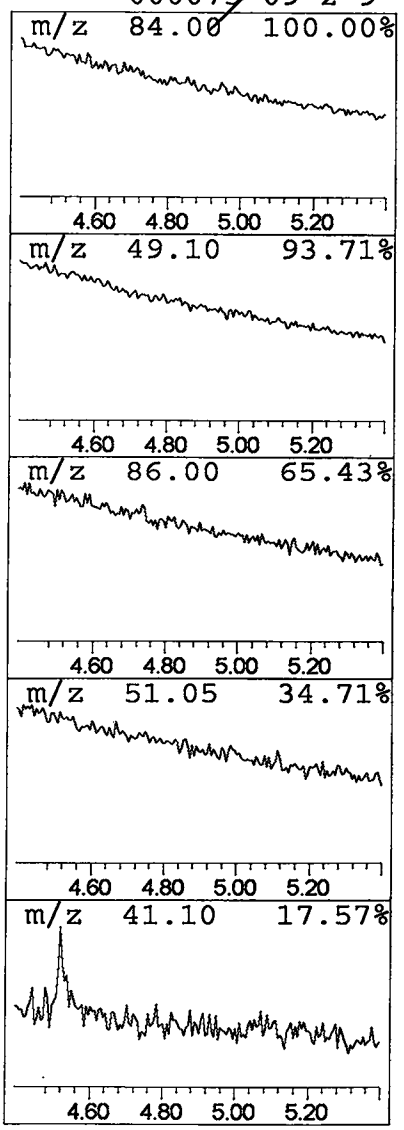
****

Peak Number 10 Methylene Chloride Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	0.58 ug/L	412786	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methylene Chloride	84	CH2Cl2	000075-09-2	90
2	Methylene Chloride	84	CH2Cl2	000075-09-2	78
3	Methylene Chloride	84	CH2Cl2	000075-09-2	64
4	Methylene Chloride	84	CH2Cl2	000075-09-2	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

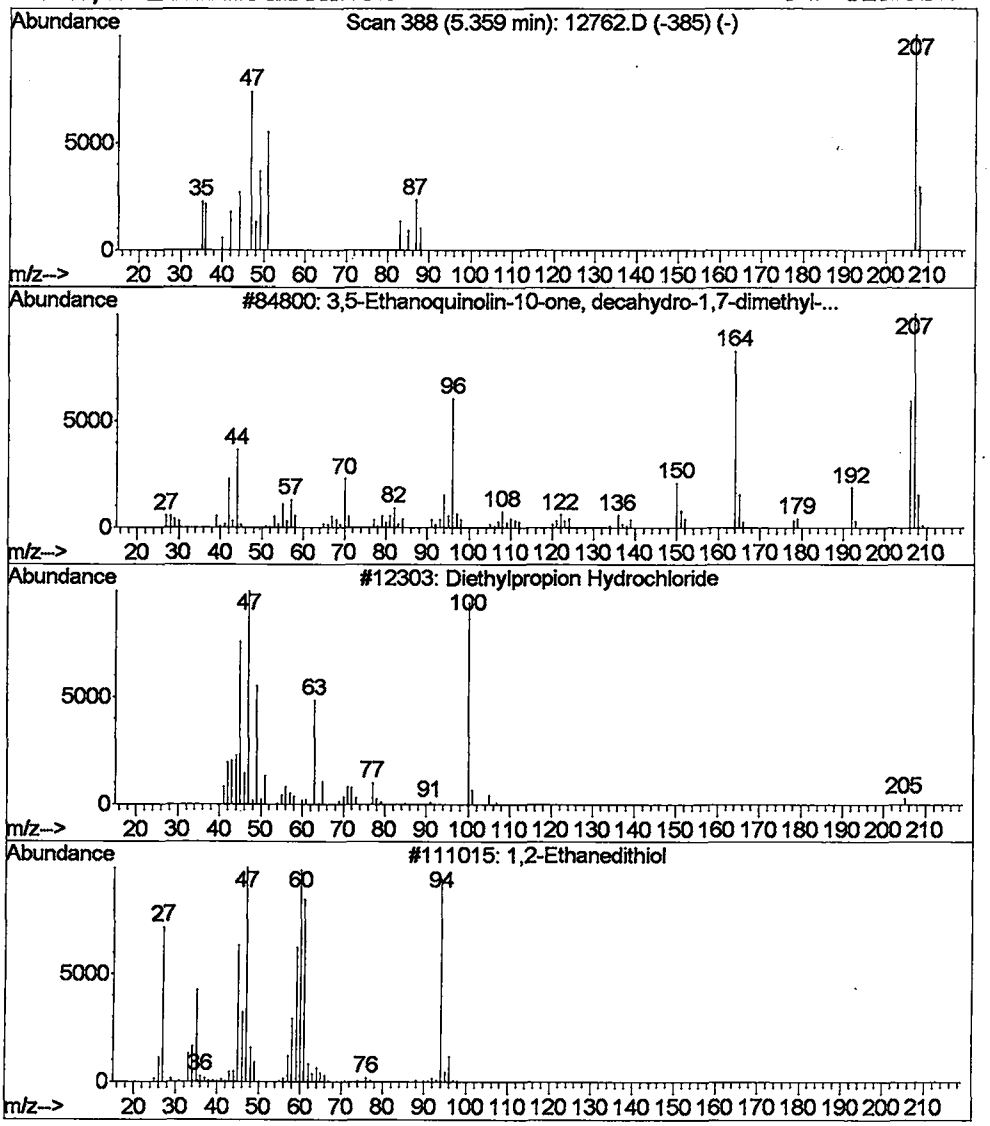
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

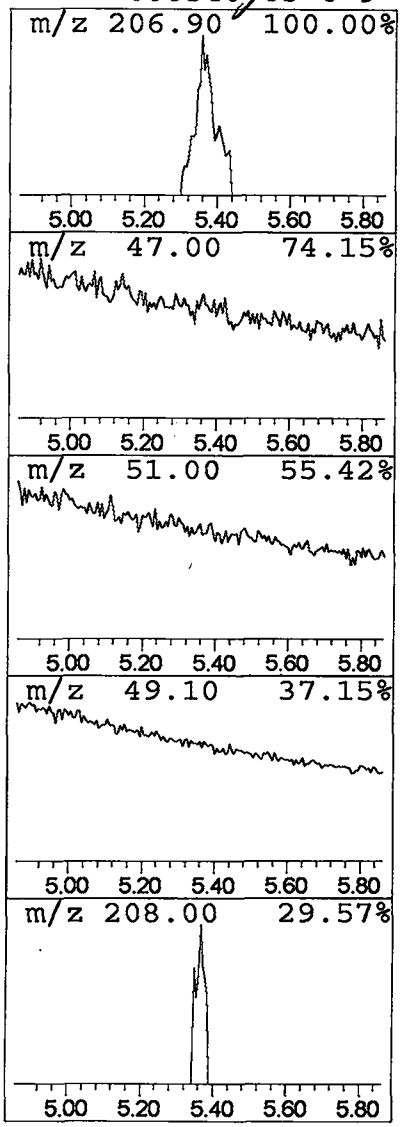
****

Peak Number 11 3,5-Ethanoquinolin-10-one, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	0.32 ug/L	227091	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Ethanoquinolin-10-one, decah...	207	C13H21NO	021041-42-9	9
2	Diethylpropion Hydrochloride	205	C13H19NO	000134-80-5	9
3	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	9
4	1,2-Ethanedithiol	94	C2H6S2	000540-63-6	9





Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

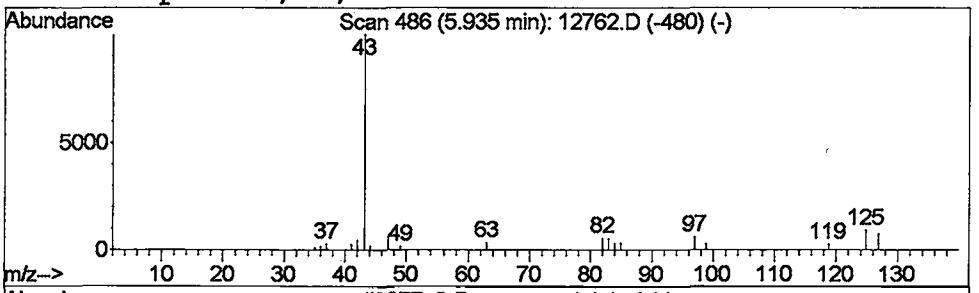
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

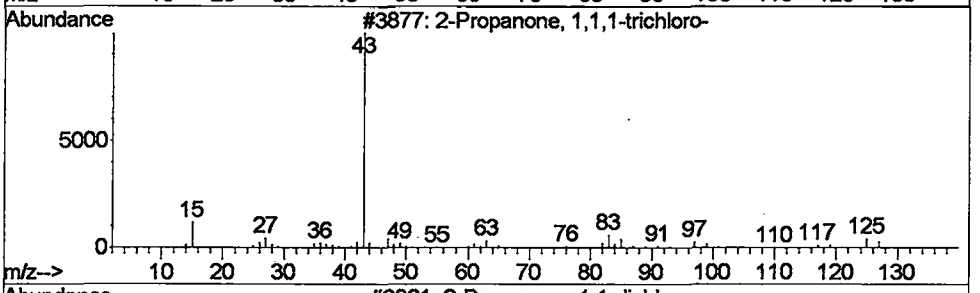
****

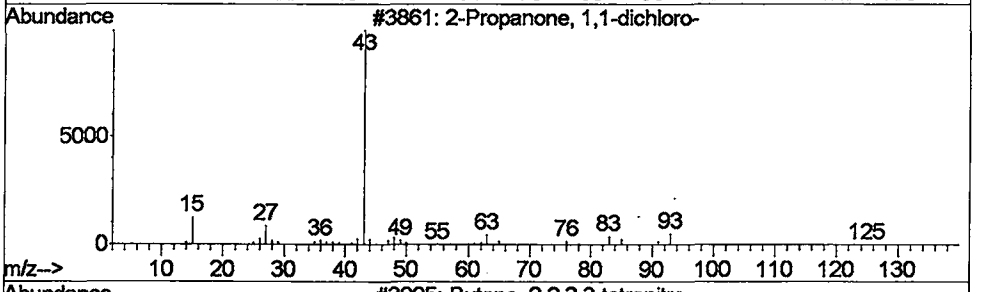
Peak Number 12 2-Propanone, 1,1,1-trichloro- Concentration Rank 13

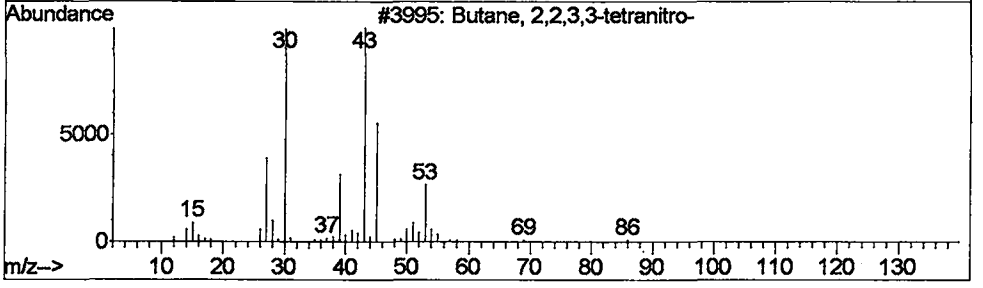
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	0.36 ug/L	258588	1,4-dichlorobenzene-d4	9.90

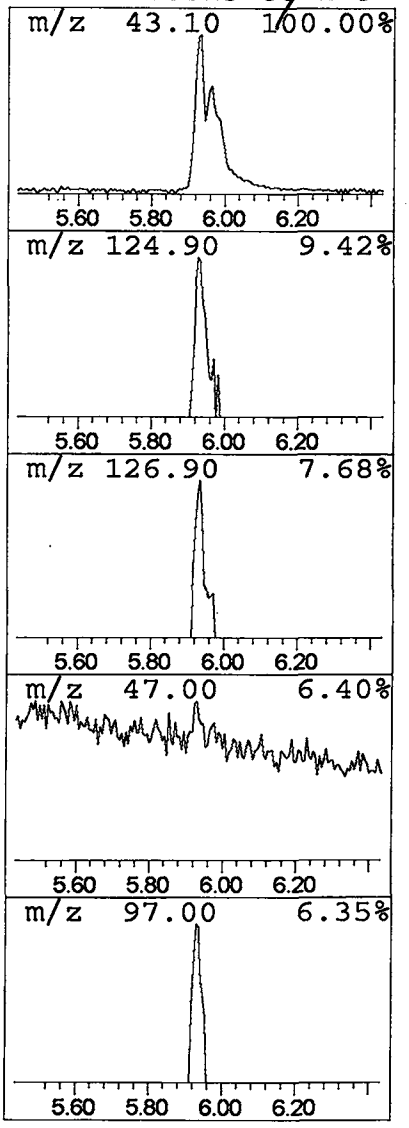
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	64
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9











Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

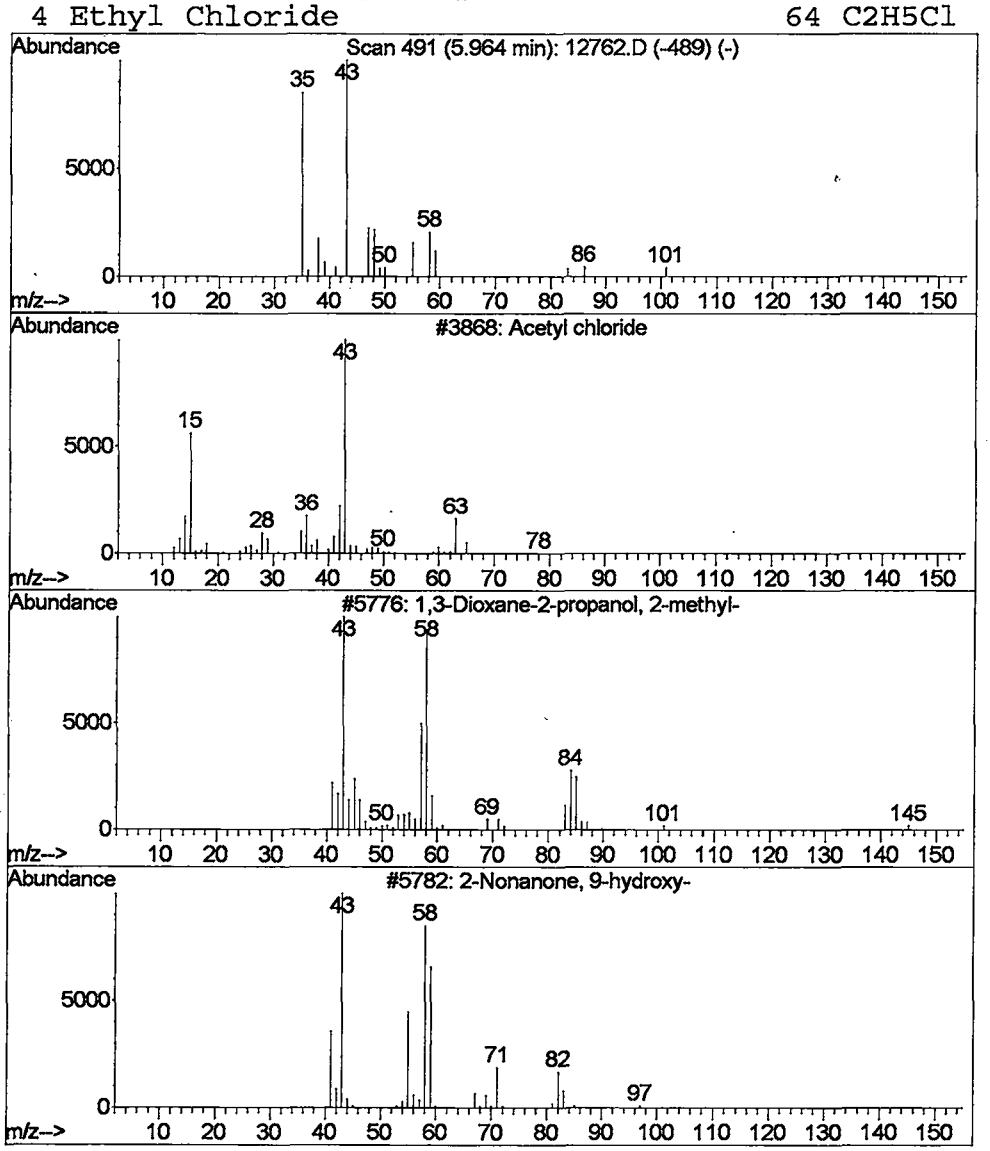
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

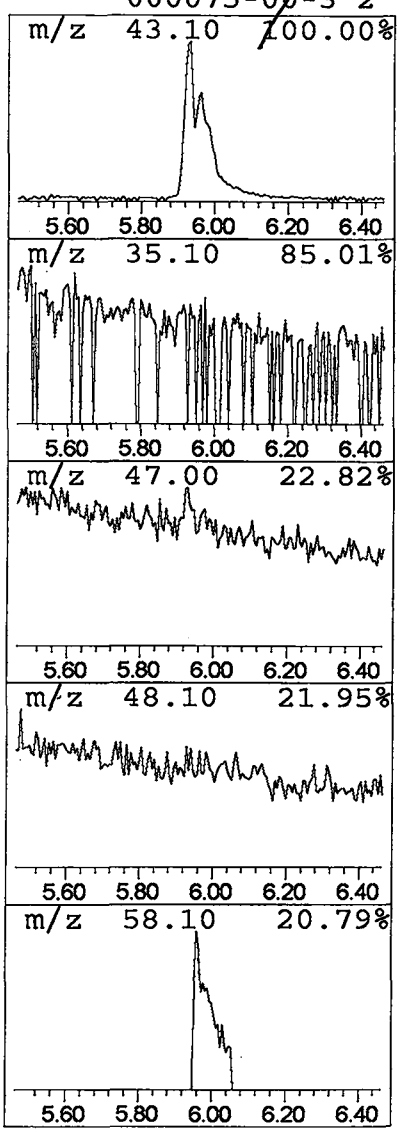
****

Peak Number 13 Acetyl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.97	0.44 ug/L	315155	1,4-dichlorobenzene-d4	9.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetyl chloride	78	C2H3ClO	000075-36-5	2
2	1,3-Dioxane-2-propanol, 2-methyl-	160	C8H16O3	036651-31-7	2
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	2
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	2





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

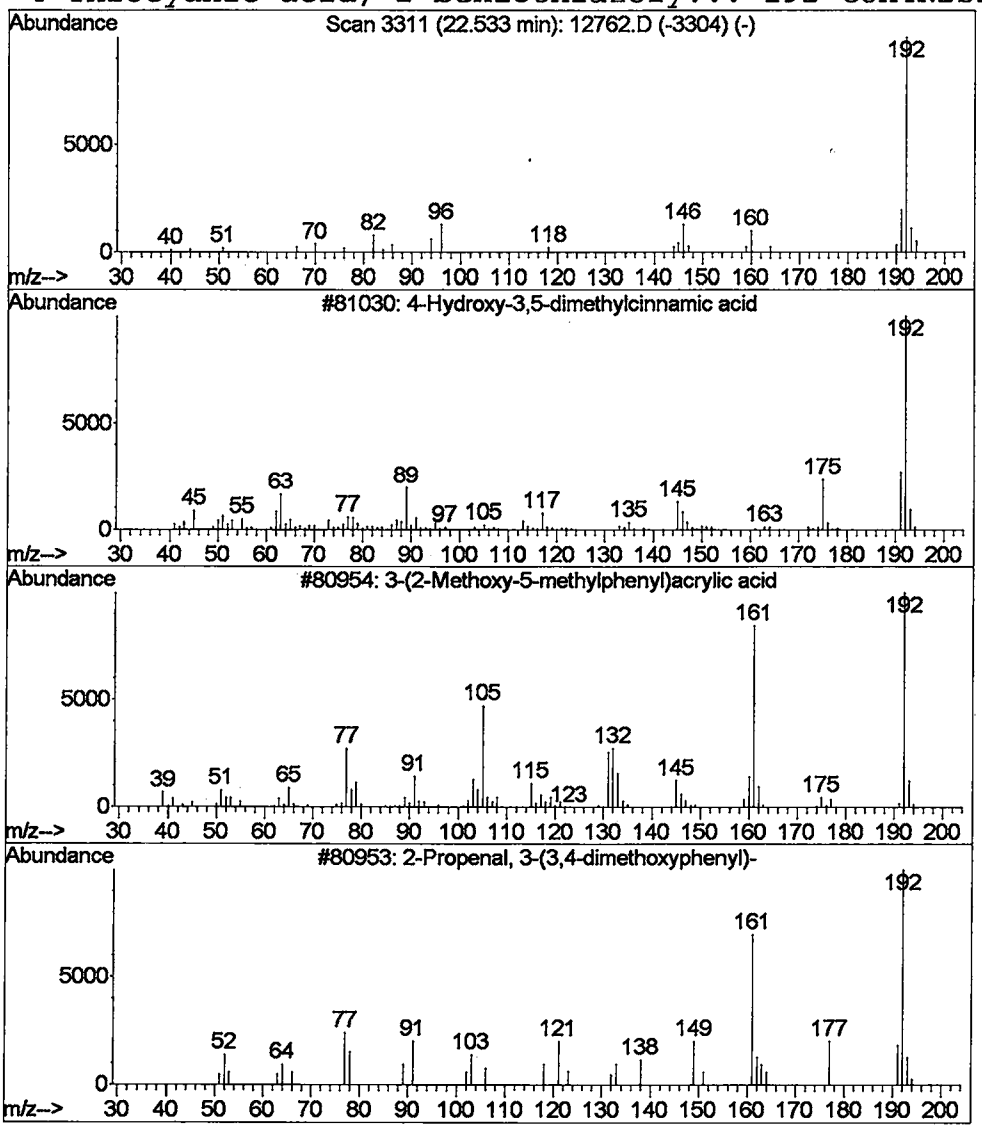
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

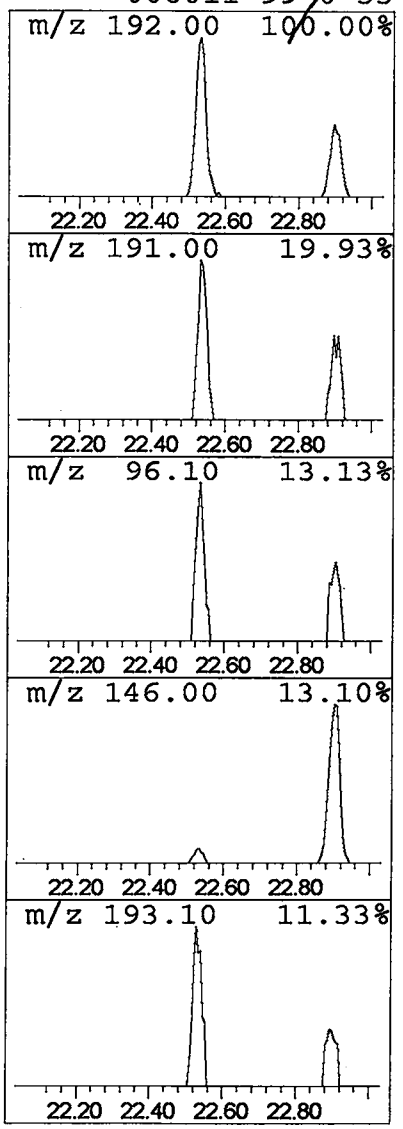
****

Peak Number 14 4-Hydroxy-3,5-dimethylcinna... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	0.26 ug/L	281933	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	59
2	3-(2-Methoxy-5-methylphenyl)acry...	192	C11H12O3	103986-76-1	50
3	2-Propenal, 3-(3,4-dimethoxyphen...	192	C11H12O3	004497-40-9	42
4	Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	33





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

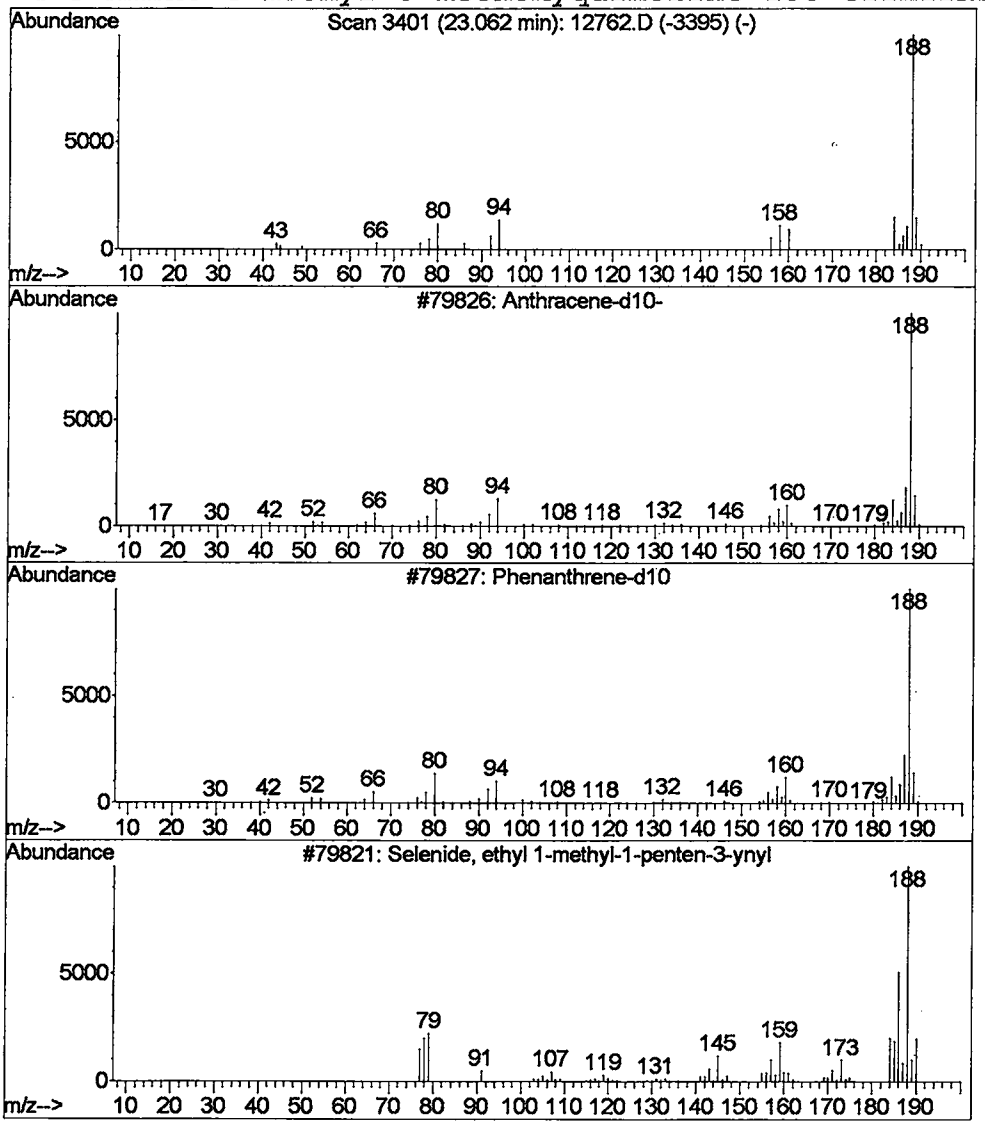
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

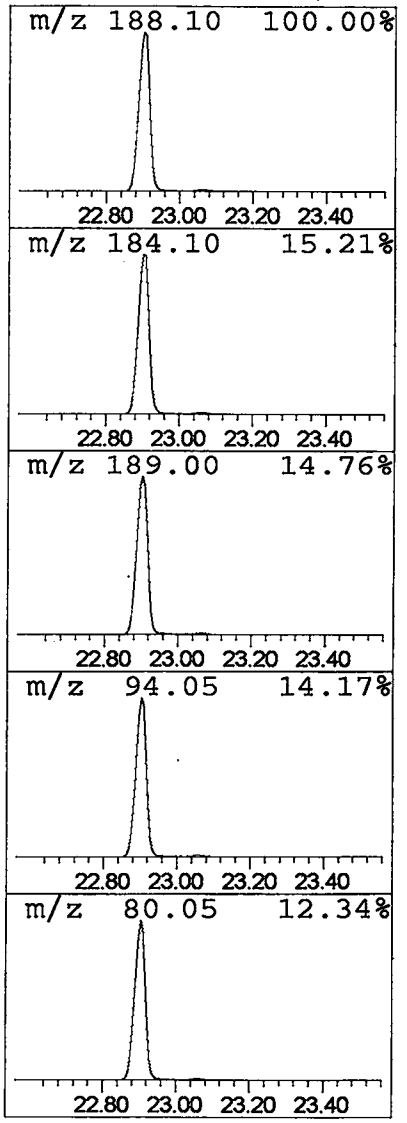
****

Peak Number 15 Anthracene-d10- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.06	0.34 ug/L	372892	Phenanthranene-d10	22.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	93
2	Phenanthrene-d10	188	C14D10	001517-22-2	86
3	Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	50
4	3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	42





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\060602\12762.D Vial: 8
Acq On : 6 Jun 2002 5:00 pm Operator: McLean
Sample : 6/3 eh Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.e

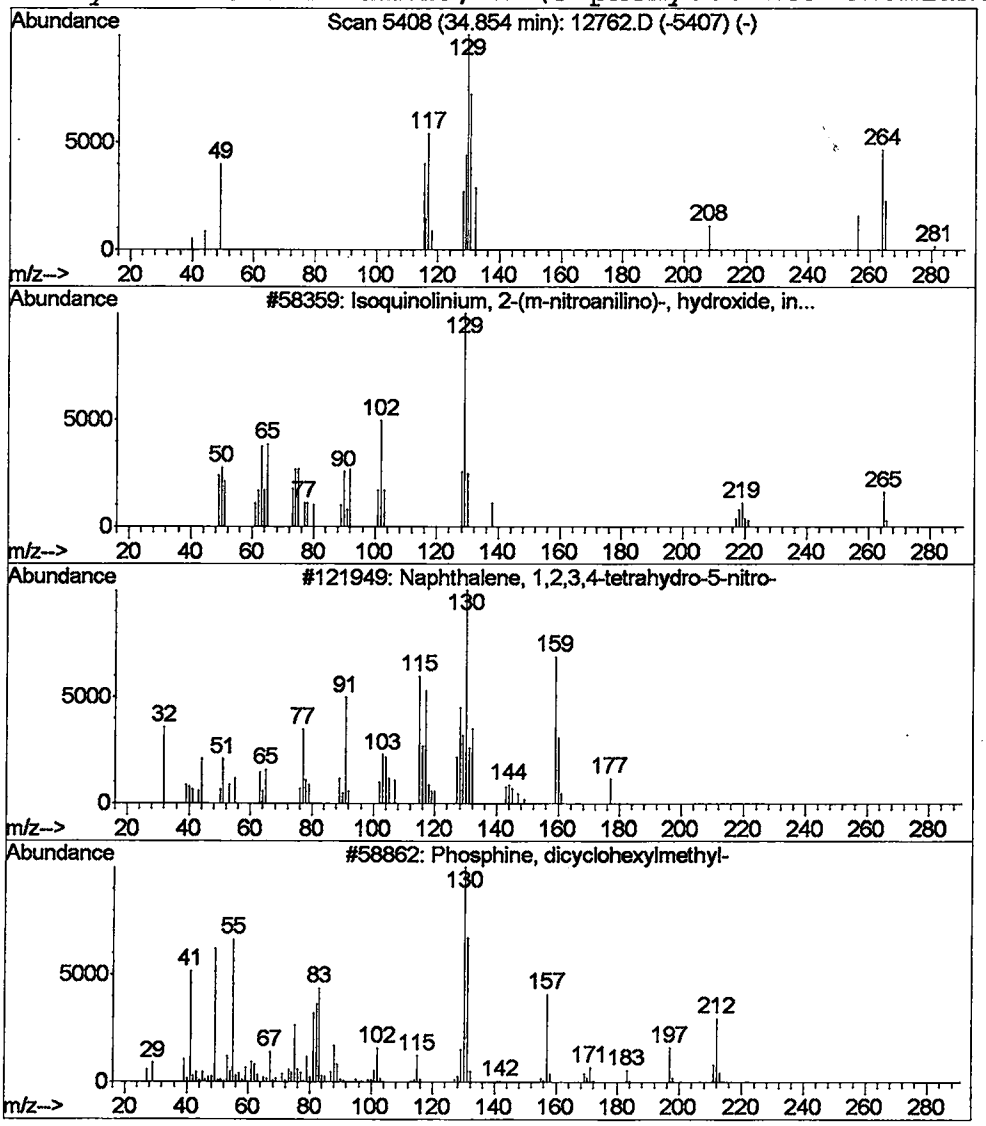
Quant Method : C:\MSDCHEM\1\METHODS\060302.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

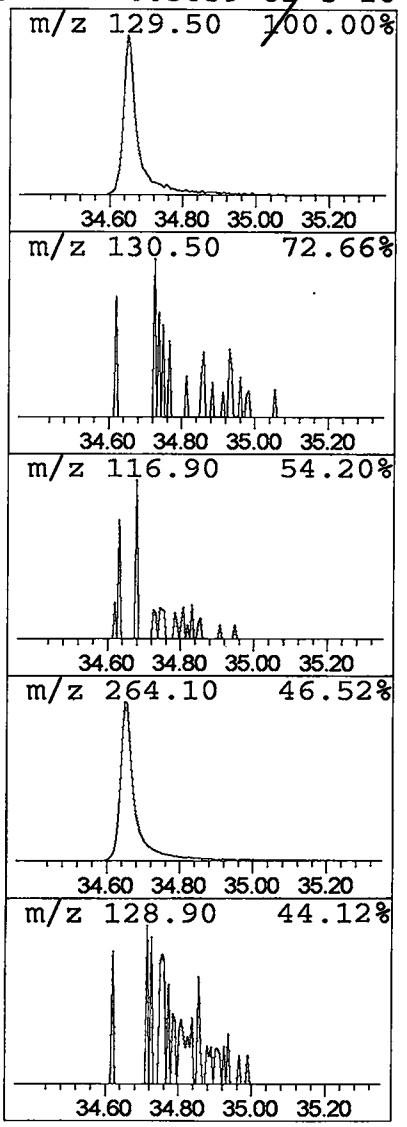
****

Peak Number 16 Isoquinolinium, 2-(m-nitroa... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
34.86	0.89 ug/L	376492	Perylene-d12	34.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isoquinolinium, 2-(m-nitroanilin...	265	C15H11N3O2	031383-03-6	28
2	Naphthalene, 1,2,3,4-tetrahydro-...	177	C10H11NO2	029809-14-1	22
3	Phosphine, dicyclohexylmethyl-	212	C13H25P	050420-46-7	17
4	Hydrazinecarboxamide, 2-(3-pheny...	189	C10H11N3O	003839-82-5	16





Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 6 Jun 2002 5:00 pm
Data File: C:\MSDCHEM\1\DATA\060602\12762.D
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
Acetonitrile, dic...	3.53	0.4	ug/L	265847	1	9.90	28606500	40.0
Methylene Chloride	3.71	4.4	ug/L	3178600	1	9.90	28606500	40.0
Methylene Chloride	3.76	1.0	ug/L	683722	1	9.90	28606500	40.0
1-Propanol, 3-chl...	3.78	2.6	ug/L	1856530	1	9.90	28606500	40.0
2-Chloroethanol	3.84	4.5	ug/L	3236060	1	9.90	28606500	40.0
Dicyandiamide	3.94	5.6	ug/L	4002920	1	9.90	28606500	40.0
Methylene Chloride	4.17	2.6	ug/L	1875840	1	9.90	28606500	40.0
Butanoic acid, 2-...	4.52	1.3	ug/L	900640	1	9.90	28606500	40.0
Trimethylsilyl cy...	4.58	0.9	ug/L	633268	1	9.90	28606500	40.0
Methylene Chloride	4.90	0.6	ug/L	412786	1	9.90	28606500	40.0
3,5-Ethanoquinoli...	5.36	0.3	ug/L	227091	1	9.90	28606500	40.0
2-Propanone, 1,1,...	5.93	0.4	ug/L	258588	1	9.90	28606500	40.0
Acetyl chloride	5.97	0.4	ug/L	315155	1	9.90	28606500	40.0
4-Hydroxy-3,5-dim...	22.54	0.3	ug/L	281933	4	22.91	43653100	40.0
Anthracene-d10-	23.06	0.3	ug/L	372892	4	22.91	43653100	40.0
Isoquinolinium, 2...	34.86	0.9	ug/L	376492	6	34.65	16832200	40.0