User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/22/2002 Time: 10:57:04

Sample: AE11155
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/22/02 10:56 Ended: 5/22/02 10:56 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

omments for Sample AE11155 - Analysis $GCMS

Vestchester Dept. of Labs & Research
ser: Vinci, David L
ate: 05-22-2002 Time: 10:57:36

he GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual ompounds.
he level for Bis(2-ethylhexyl)phthalate of 5.4 ug/l is probably due to aboratory contamination, which was also observed in the Laboratory Blank anf CS Standard.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 09:33:24 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed May 15 15:22:39 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN1

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.38	152	430116	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1607130	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	868954	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.71	188	1441625	40.00	ug/l	-0.03
38) Chrysene-d12	39.93	240	1117969	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	737519	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.55	207	231607	33.37	ug/l	-0.02
Spiked Amount 40.000			Recovery = 83.42%			
Target Compounds						Qvalue
43) Bis(2-ethylhexyl)phthalate	40.52	149	106498	4.45	ug/l	96

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

Quantitation Report (QT Reviewed)

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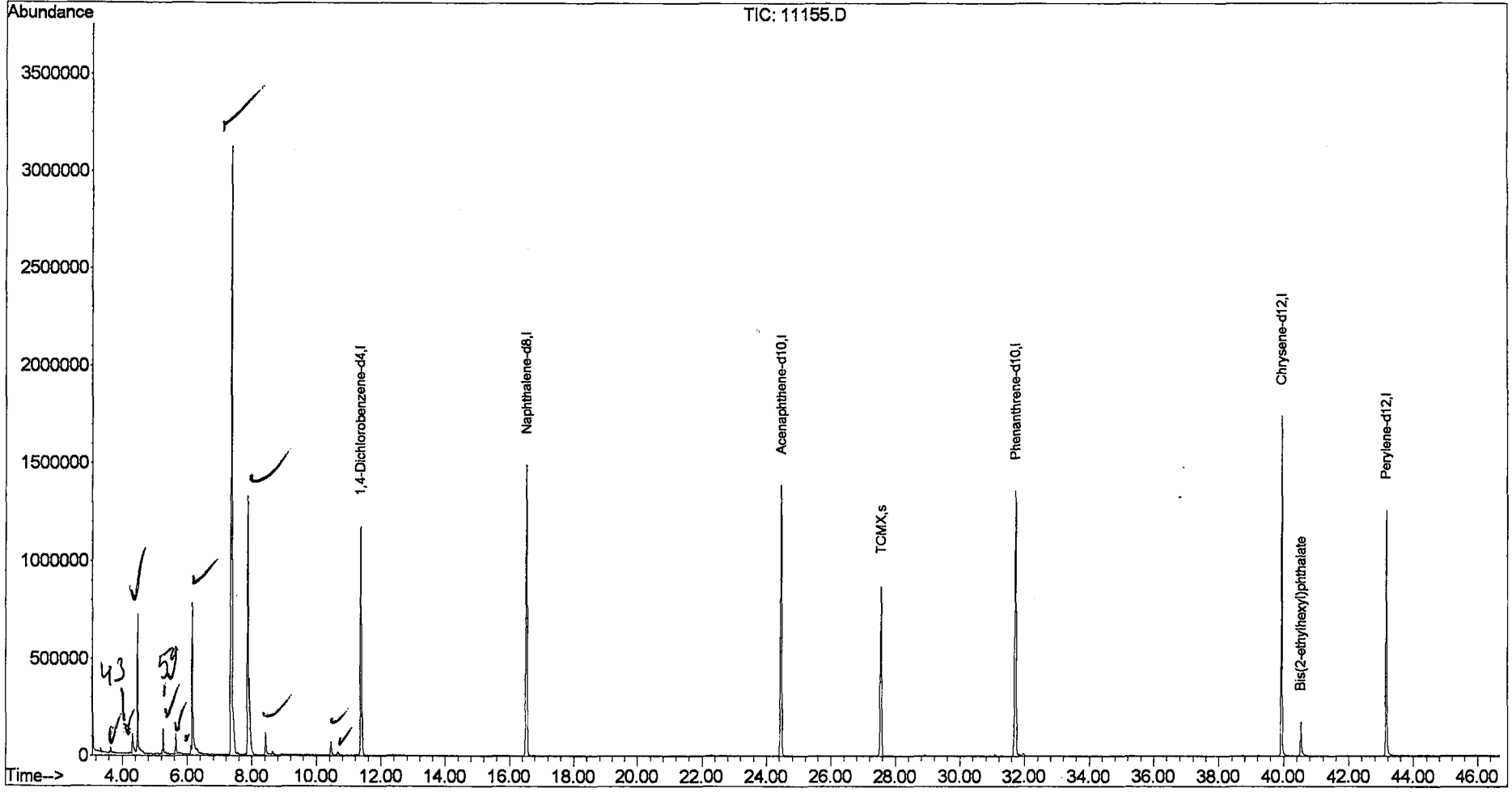
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e
Quant Time: May 16 9:34 2002 Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Last Update : Wed May 15 15:22:39 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.5 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

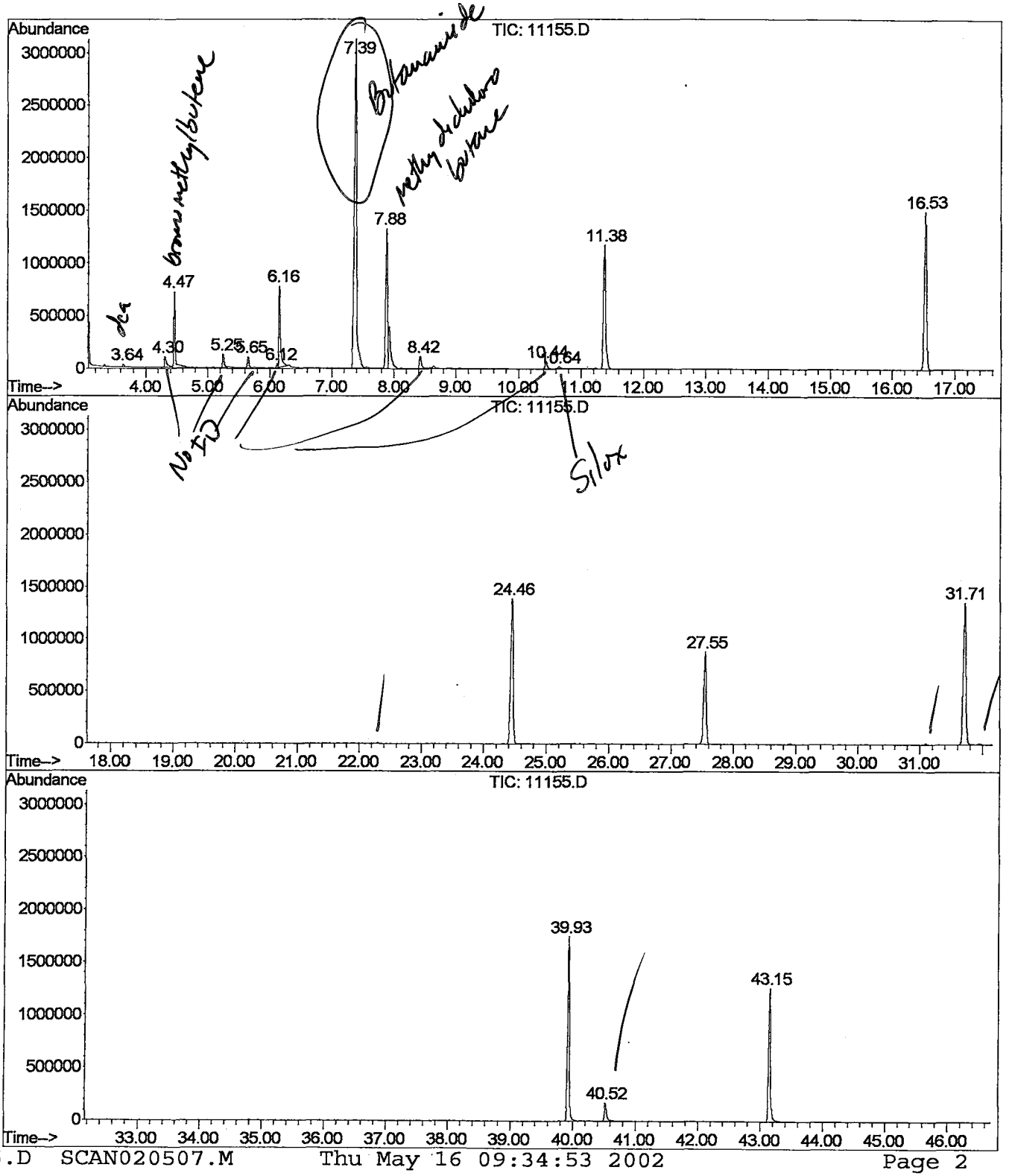
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.643	93	96	108	rVB	28239	42339	0.51%	0.110%
2	4.301	204	208	227	rBV	102572	261982	3.15%	0.679%
3	4.466	229	236	272	rVB	719681	1215555	14.62%	3.149%
4	5.247	363	369	380	rBV	129116	233861	2.81%	0.606%
5	5.647	430	437	449	rBV	106292	202899	2.44%	0.526%
6	6.117	510	517	520	rBV	41654	69124	0.83%	0.179%
7	6.158	520	524	547	rVB	764712	1409101	16.95%	3.650%
8	7.386	720	733	757	rBV	3126627	8313684	100.00%	21.534%
9	7.880	808	817	822	rBV	1325271	2823154	33.96%	7.312%
10	8.420	902	909	925	rBV	115796	281901	3.39%	0.730%
11	10.441	1243	1253	1268	rVB2	68482	173727	2.09%	0.450%
12	10.641	1281	1287	1297	rBV6	17632	46423	0.56%	0.120%
13	11.376	1399	1412	1433	rBV	1172836	3005666	36.15%	7.785%
14	16.534	2274	2290	2313	rBV	1493401	3734251	44.92%	9.672%
15	24.461	3620	3639	3652	rBV	1391064	3854710	46.37%	9.984%
16	27.551	4146	4165	4178	rVB2	878978	2429522	29.22%	6.293%
17	31.711	4857	4873	4891	rBV2	1361805	4034751	48.53%	10.451%
18	39.931	6258	6272	6296	rBV2	1748306	3422550	41.17%	8.865%
19	40.519	6363	6372	6392	rBV3	174095	437174	5.26%	1.132%
20	43.151	6808	6820	6843	rBV2	1259007	2614861	31.45%	6.773%

Sum of corrected areas: 38607235

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020515\11155.D
Operator : Nefliu
Acquired : 16 May 2002 7:34 am using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 21
Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

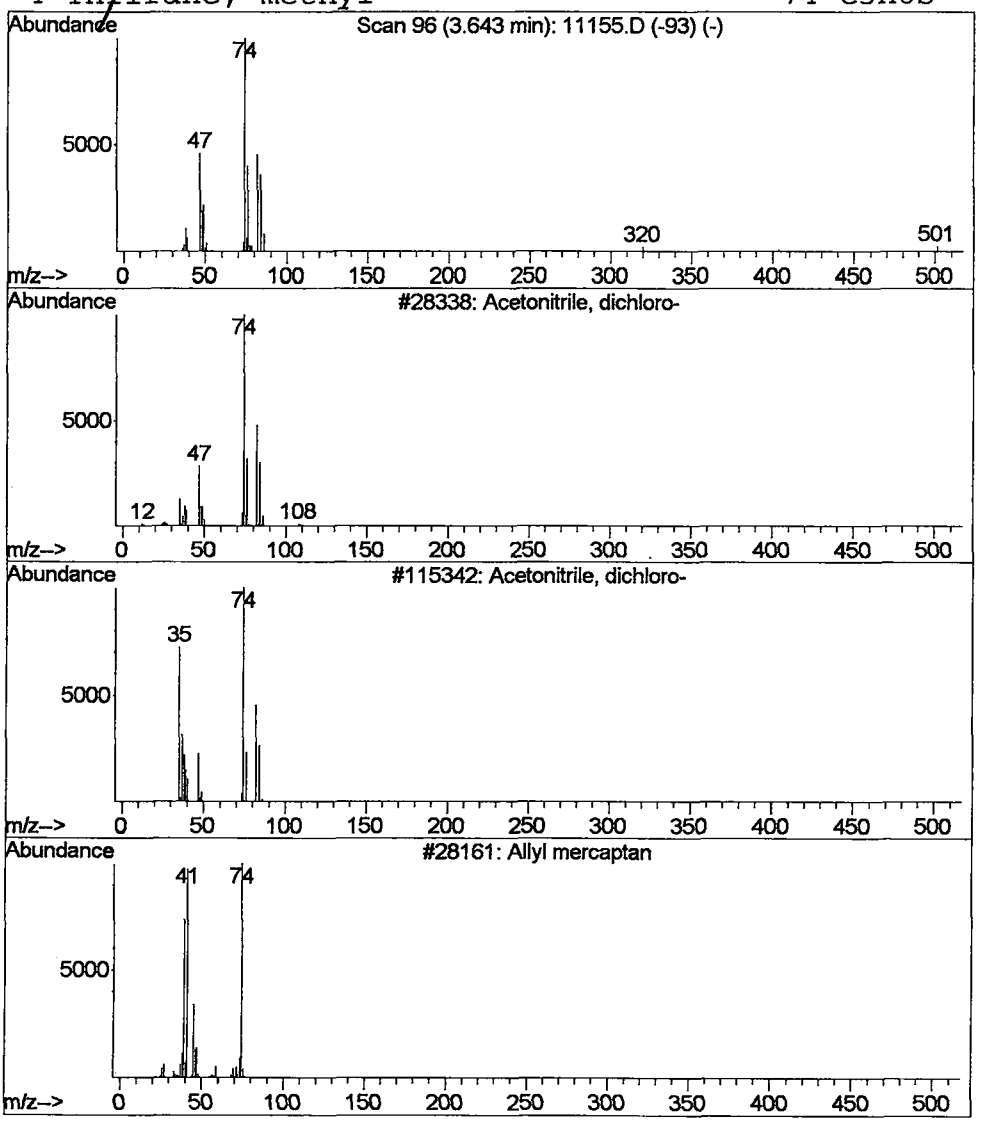
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

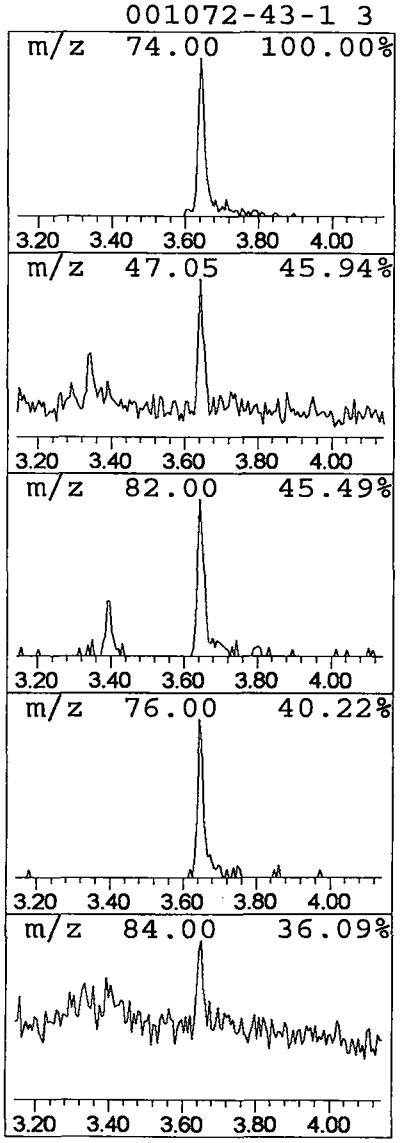
****

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.64	0.56 ug/l	42339	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	45
2	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	9
3	Allyl mercaptan	74	C3H6S	000870-23-5	5
4	Thirane, methyl-	74	C3H6S	001072-43-1	3





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Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
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Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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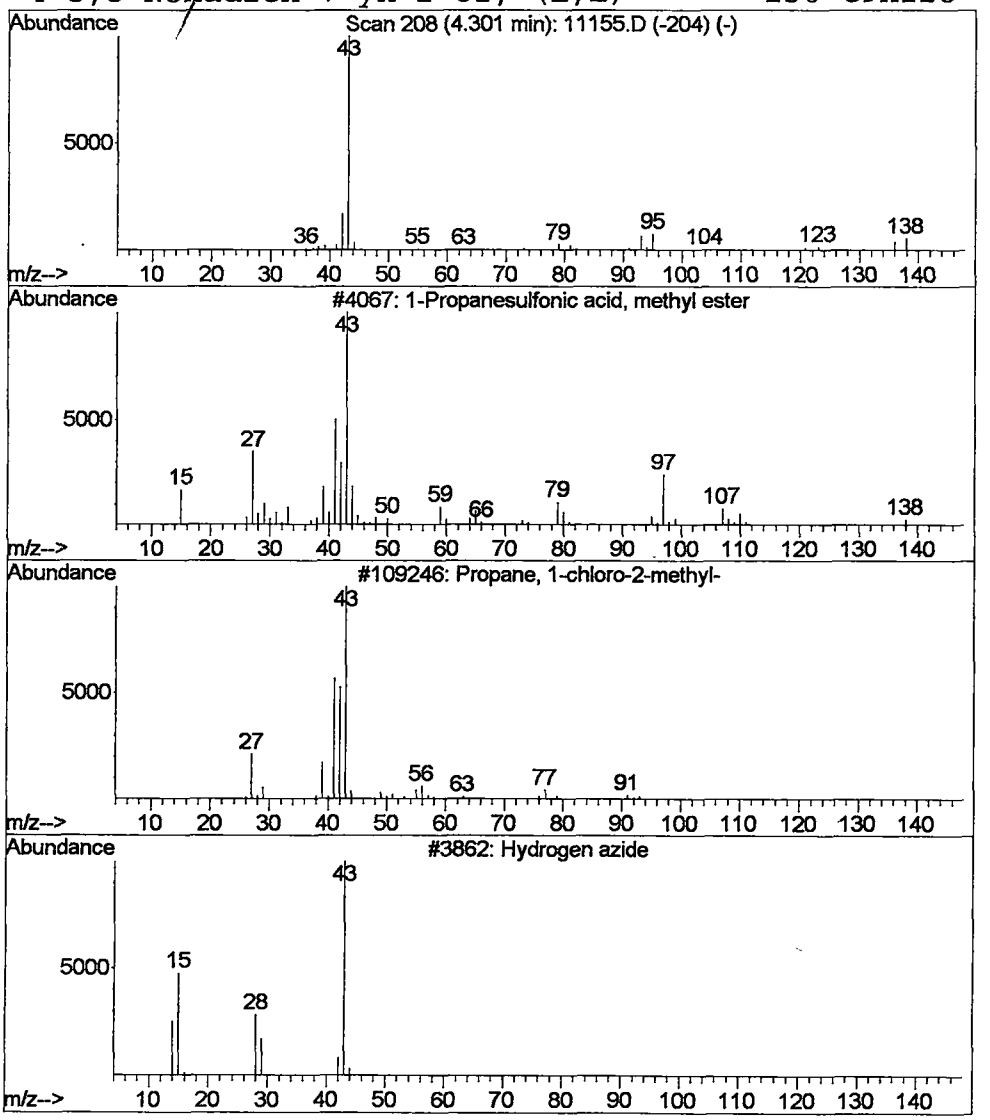
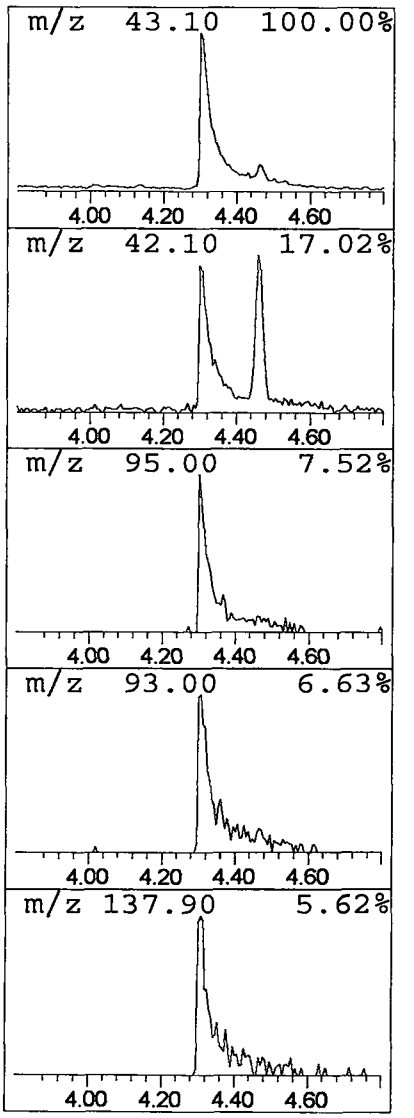
Peak Number 2 1-Propanesulfonic acid, met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.49 ug/l	261982	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanesulfonic acid, methyl e...	138	C4H10O3S	002697-50-9	4
2	Propane, 1-chloro-2-methyl-	92	C4H9Cl	000513-36-0	4
3	Hydrogen azide	43	HN3	007782-79-8	4
4	3,5-Nonadien-7-yn-2-ol, (E,E)-	136	C9H12O	043142-43-4	3





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Misc : Multiplr: 1.00
MS Integration Params: rteint.e

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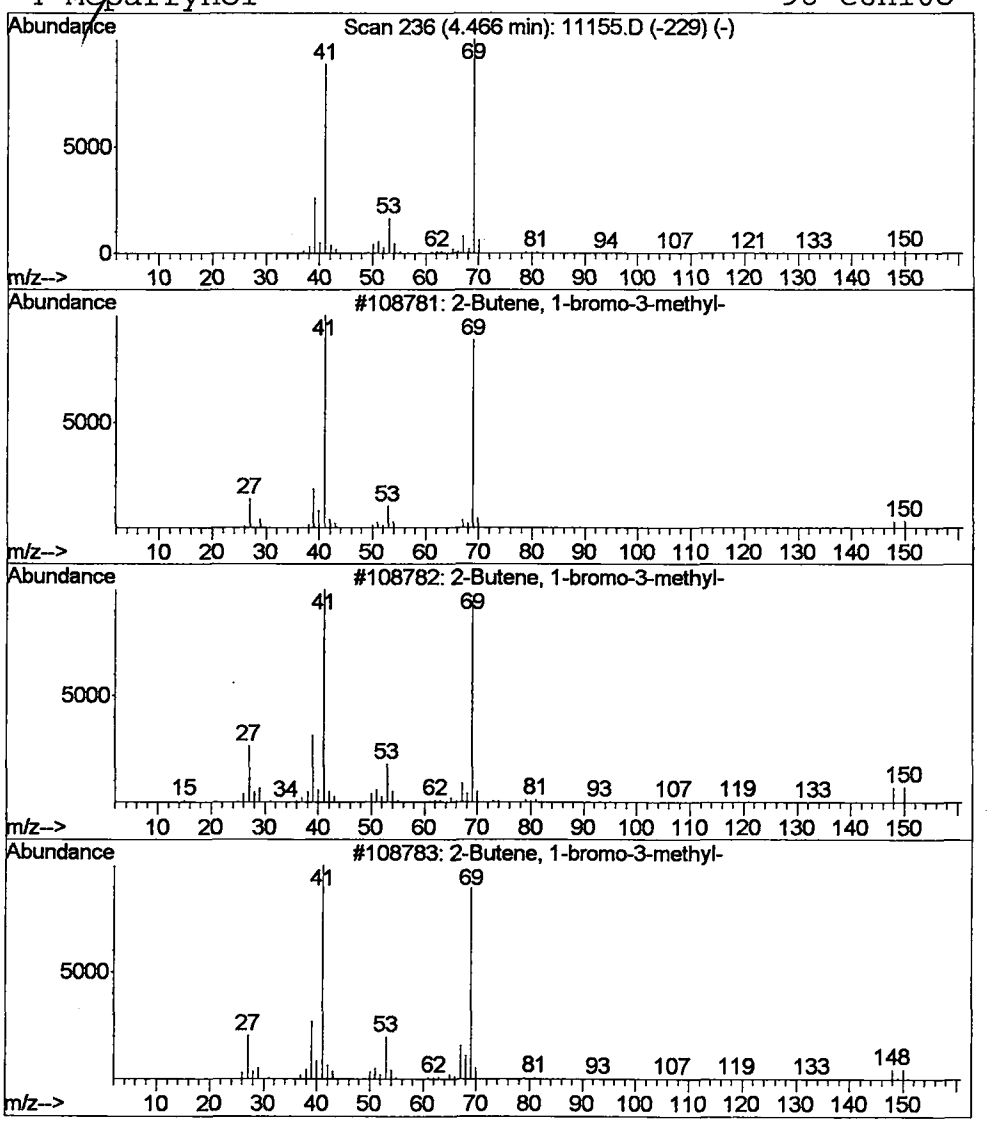
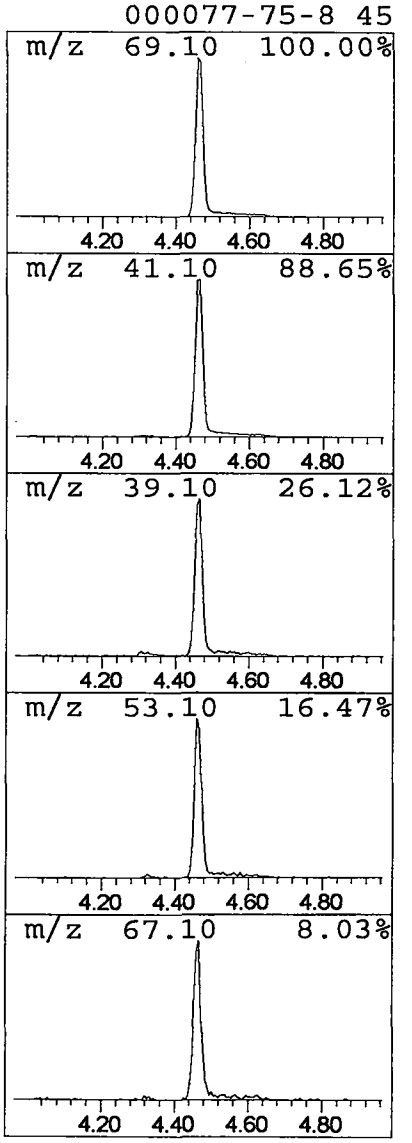
****

Peak Number 3 2-Butene, 1-bromo-3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	16.18 ug/l	1215560	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	83
2	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	74
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	64
4	Meparfynol	98	C6H10O	000077-75-8	45





Library Search Compound Report

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Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
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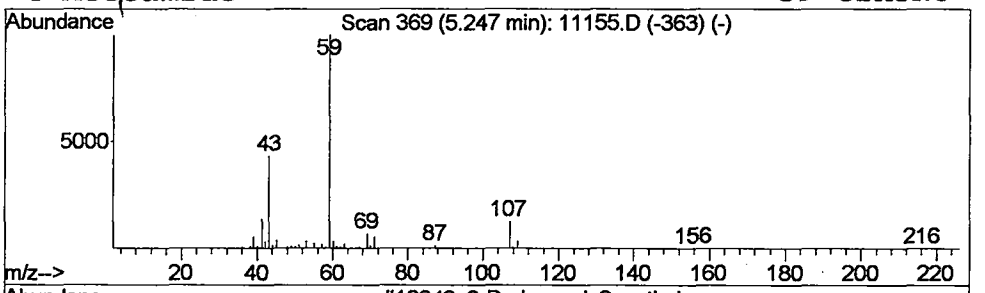
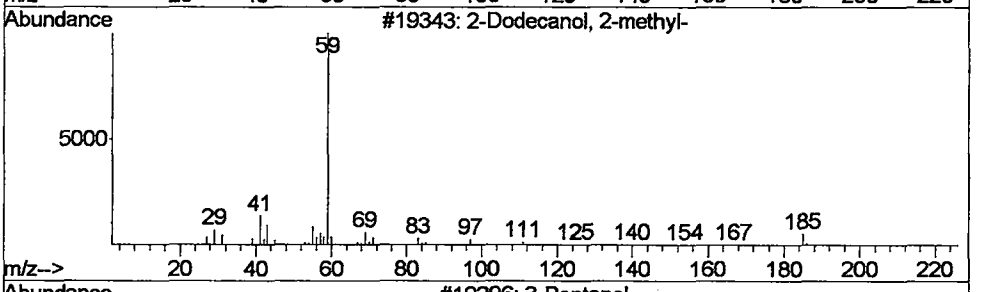
****

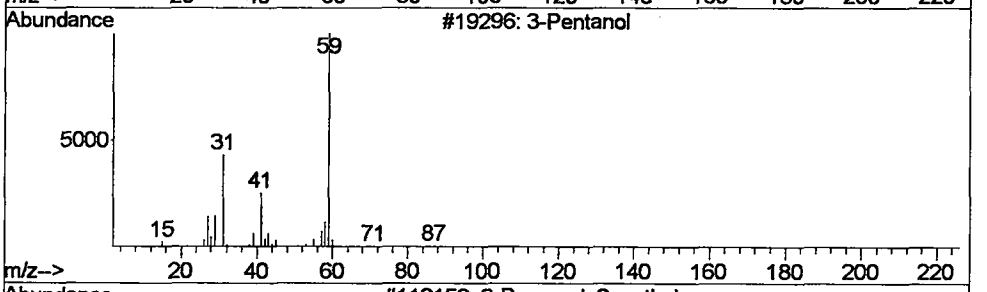
Peak Number 4 2-Dodecanol, 2-methyl- Concentration Rank 7

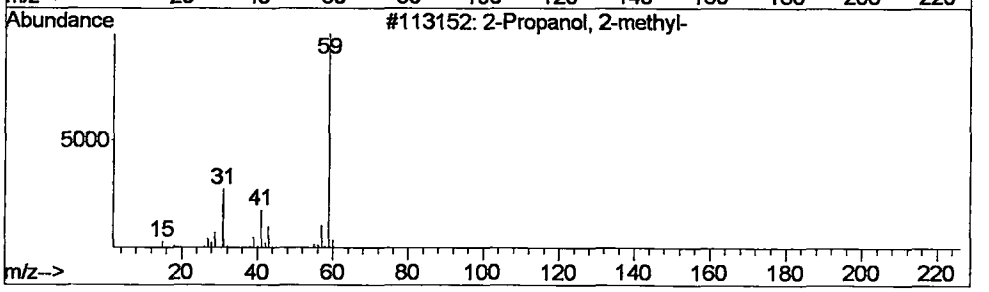
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.25	3.11 ug/l	233861	1,4-Dichlorobenzene-d4	11.38

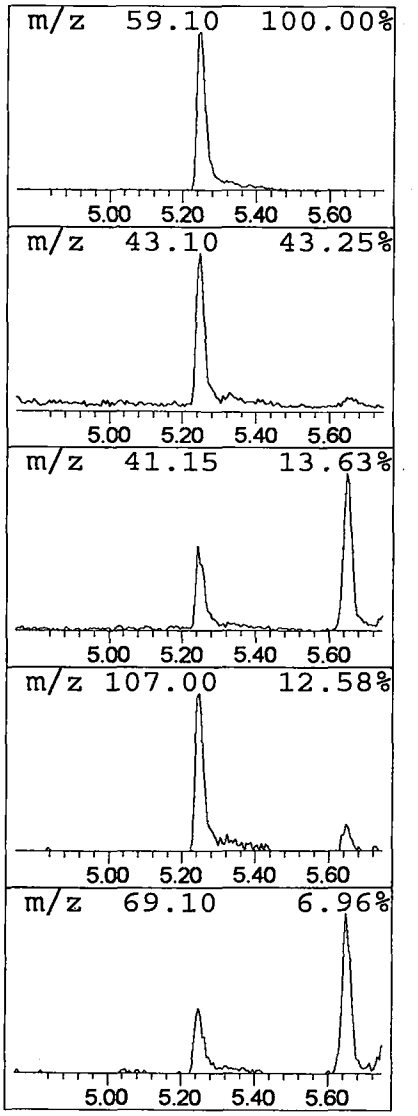
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecanol, 2-methyl-	200	C13H28O	001653-37-8	38
2	3-Pentanol	88	C5H12O	000584-02-1	36
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	36
4	Acetamide	59	C2H5NO	000060-35-5	9











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Misc : Multiplr: 1.00
MS Integration Params: rteint.e

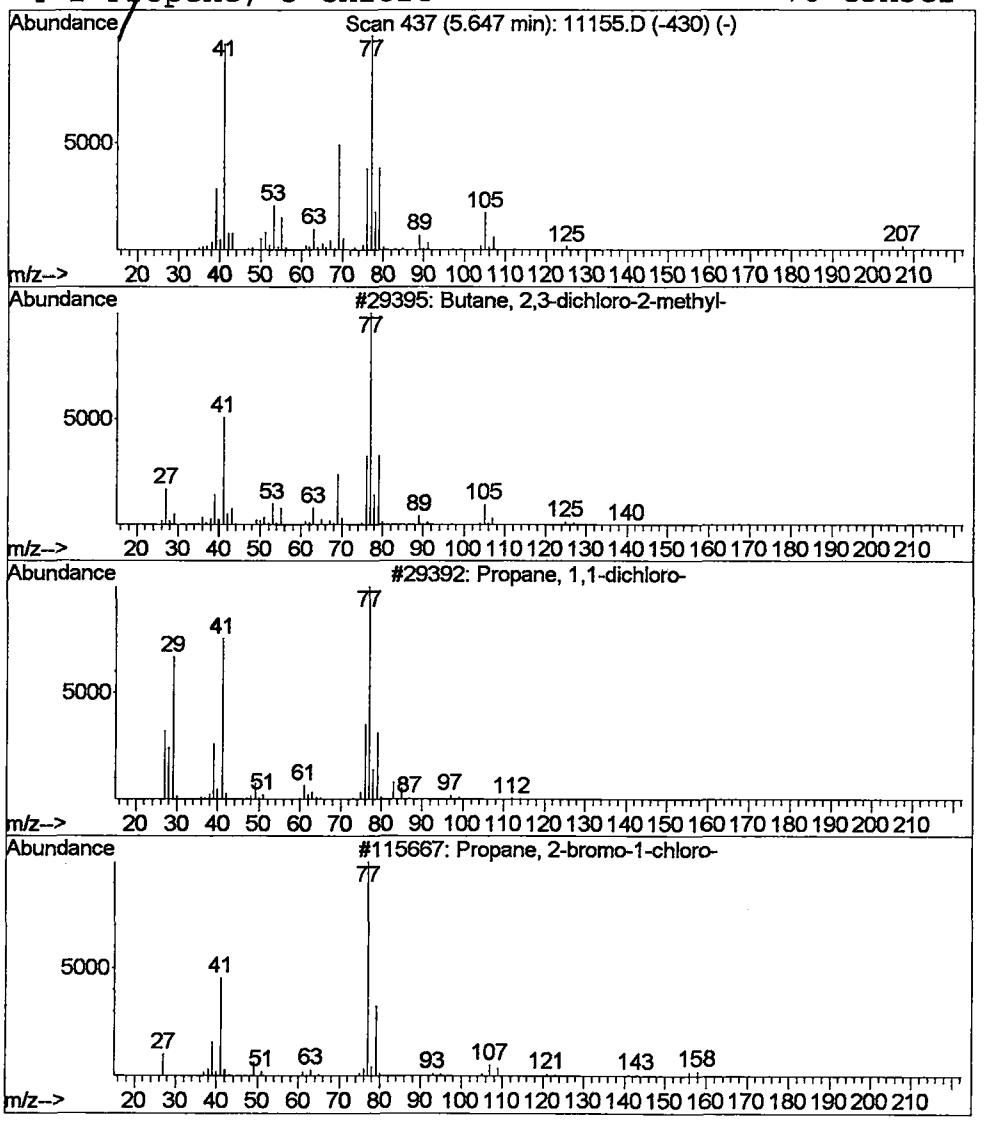
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

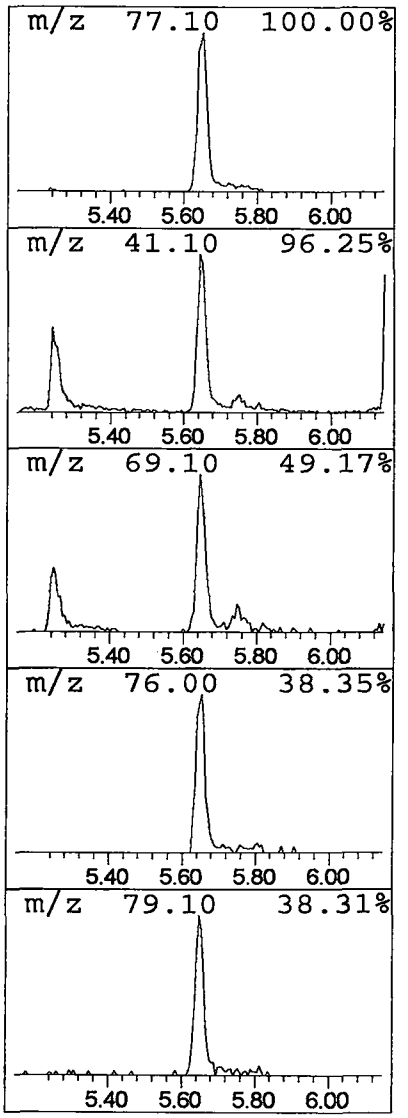
****

Peak Number 5 Butane, 2,3-dichloro-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	2.70 ug/l	202899	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	72
2	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	53
3	Propane, 2-bromo-1-chloro-	156	C3H6BrCl	003017-95-6	28
4	1-Propene, 3-chloro-	76	C3H5Cl	000107-05-1	11





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Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
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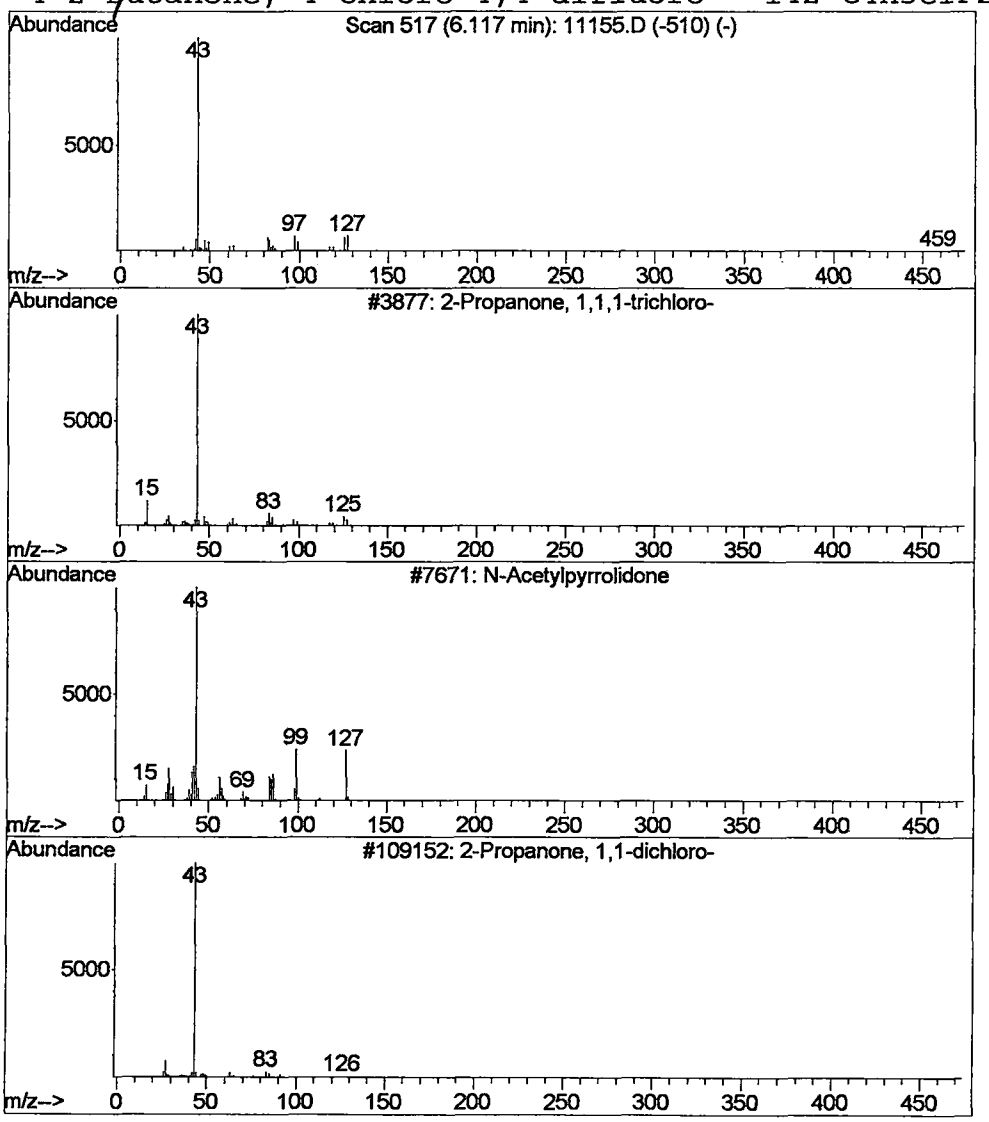
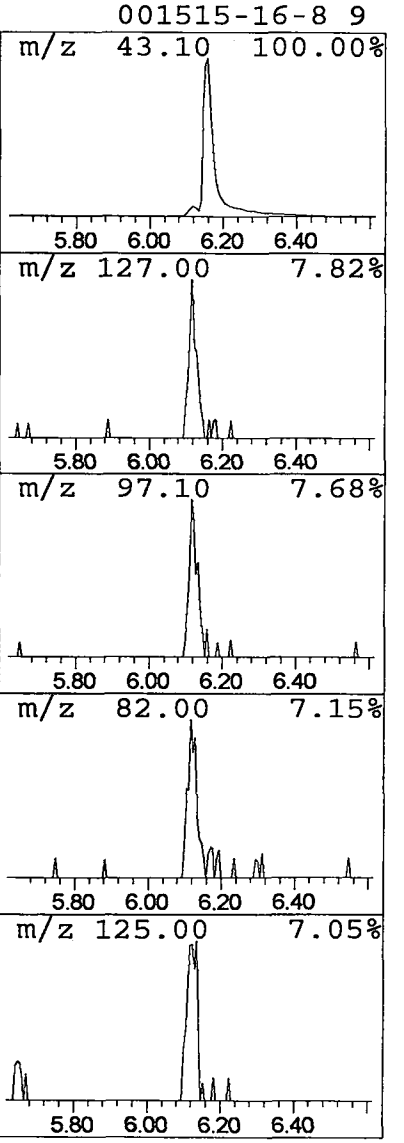
****

Peak Number 6 2-Propanone, 1,1,1-trichloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.92 ug/l	69124	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	64
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	2-Butanone, 4-chloro-4,4-difluoro-	142	C4H5ClF2O	001515-16-8	9





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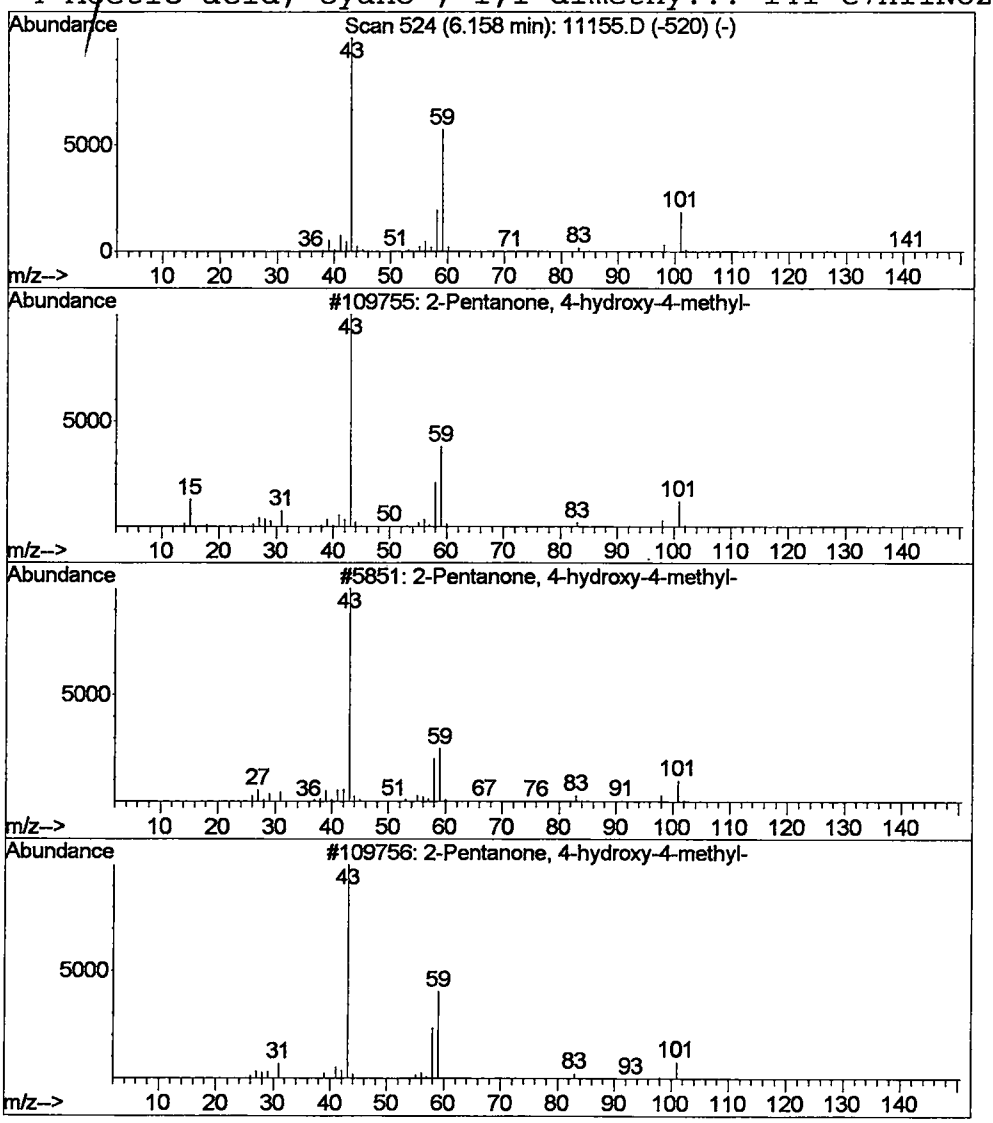
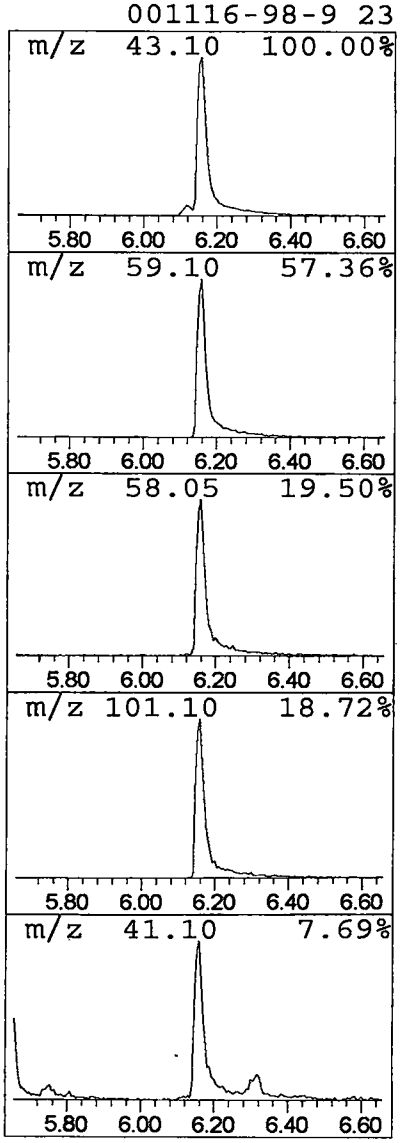
****

Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	18.75 ug/l	1409100	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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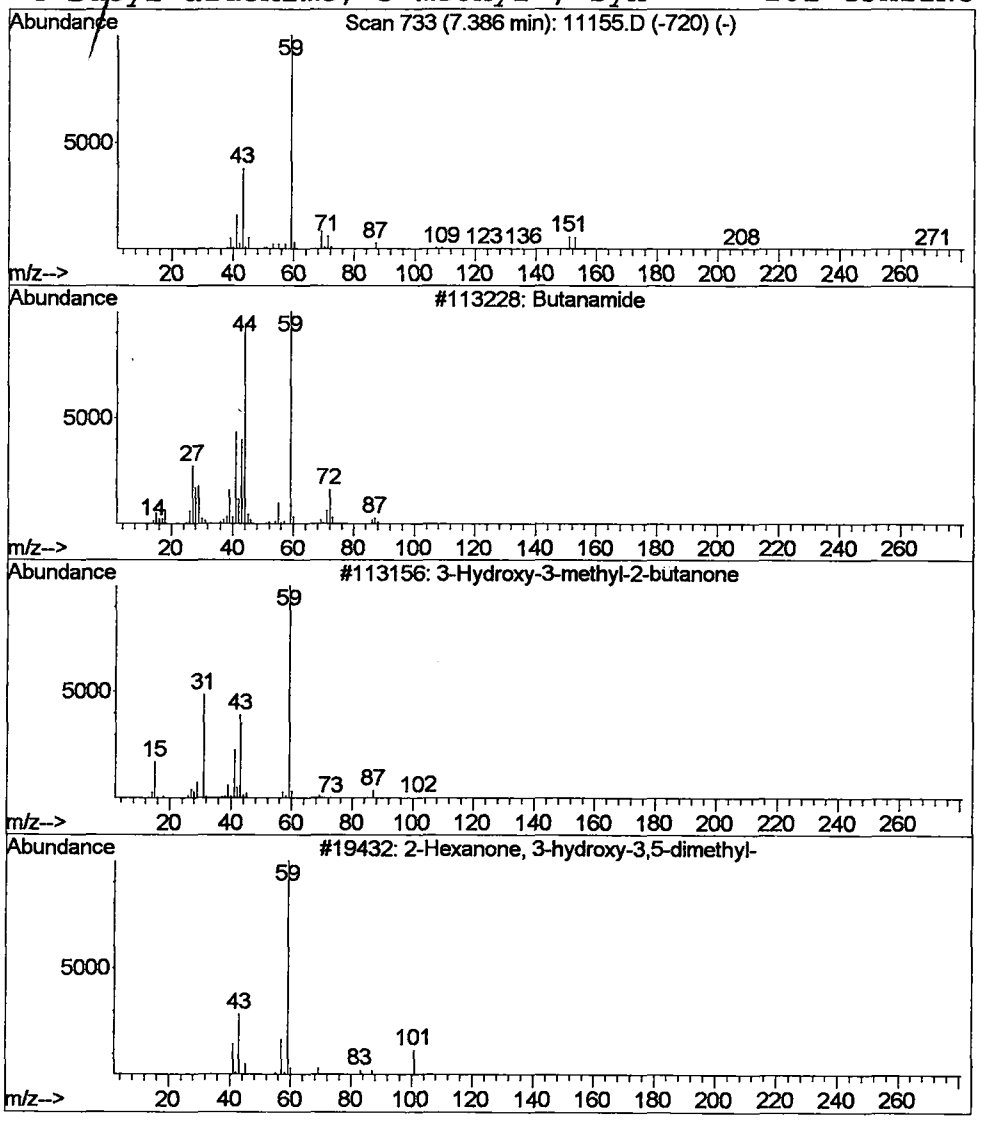
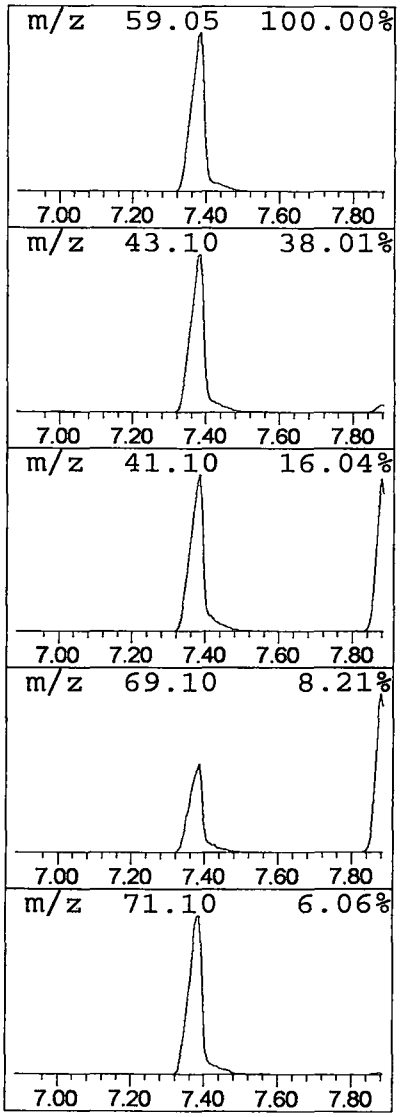
****

Peak Number 8 Butanamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	110.64 ug/l	8313680	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	64
2	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	38
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	38
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	38





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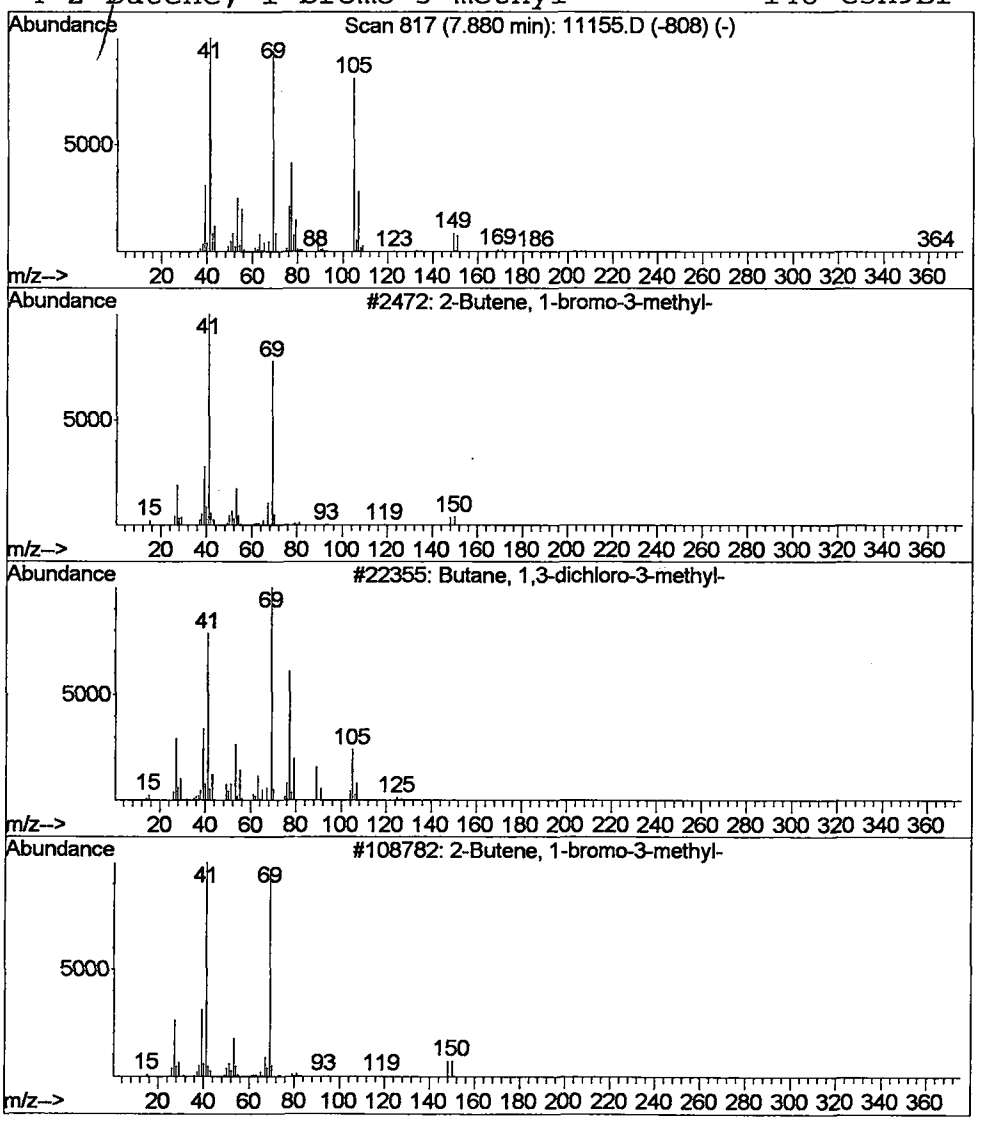
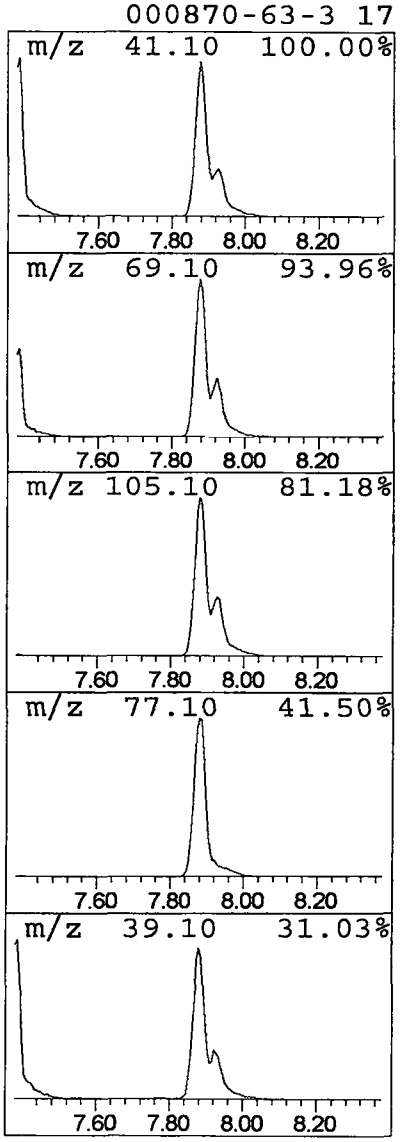
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	37.57 ug/l	2823150	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	35
2	Butane, 1,3-dichloro-3-methyl-	140	C5H10Cl2	000624-96-4	33
3	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	25
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	17





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

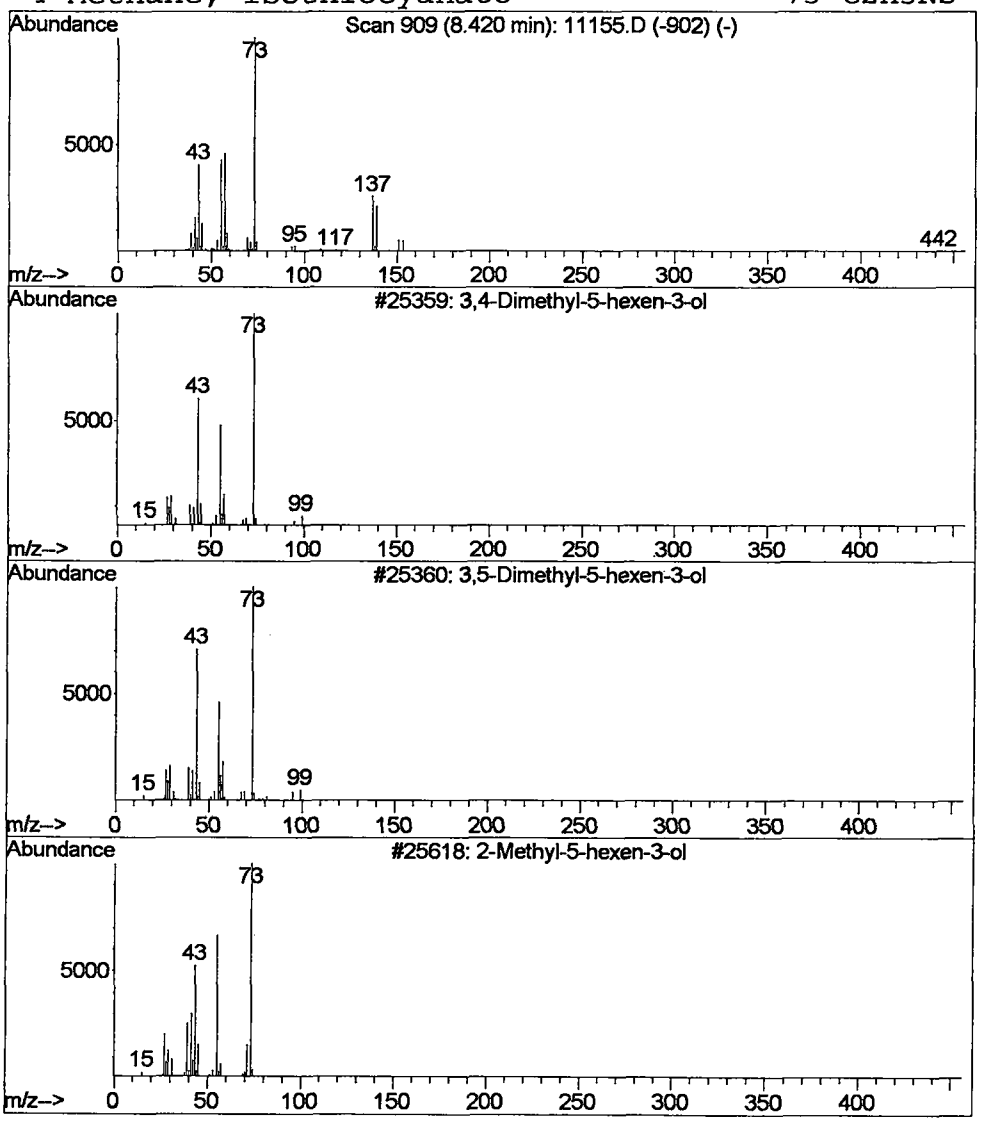
Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

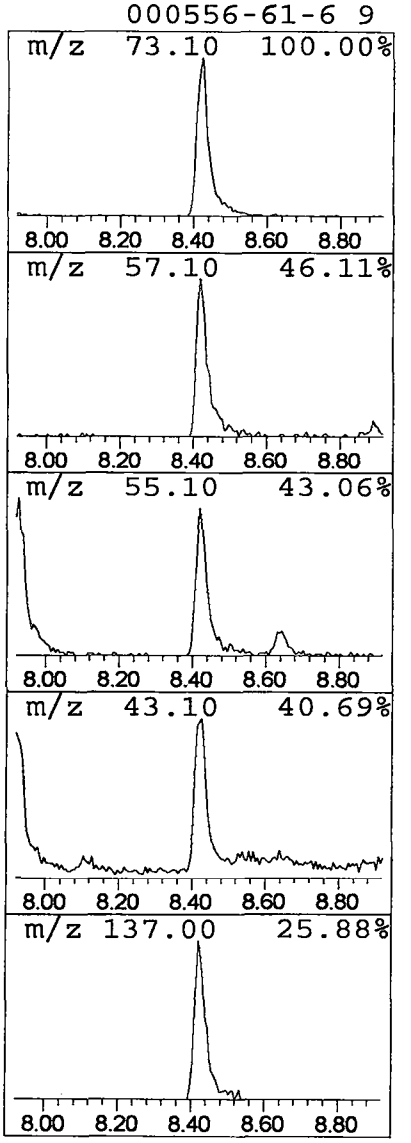
****

Peak Number 10 3,4-Dimethyl-5-hexen-3-ol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	3.75 ug/l	281901	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-45-5	27
2	3,5-Dimethyl-5-hexen-3-ol	128	C8H16O	001569-46-6	12
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	9





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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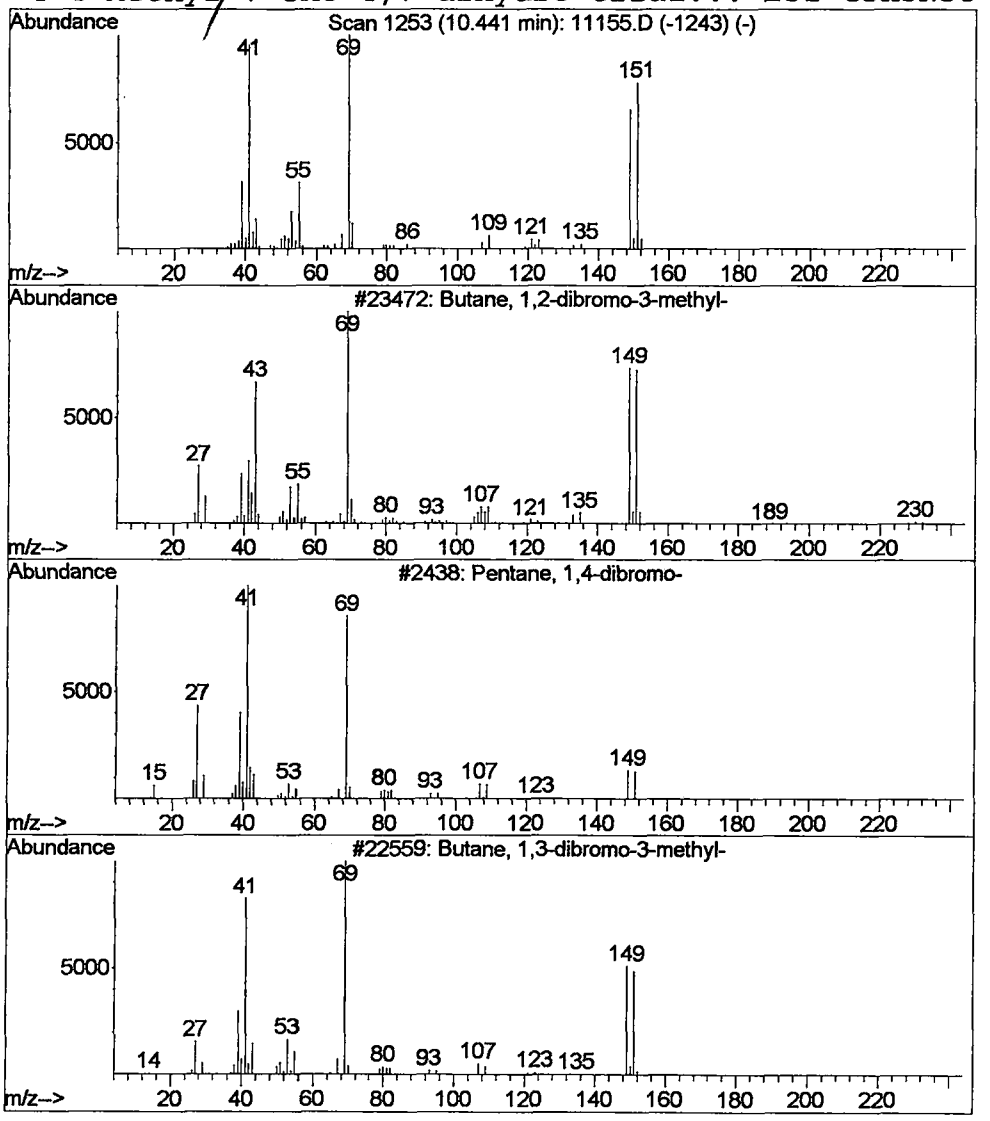
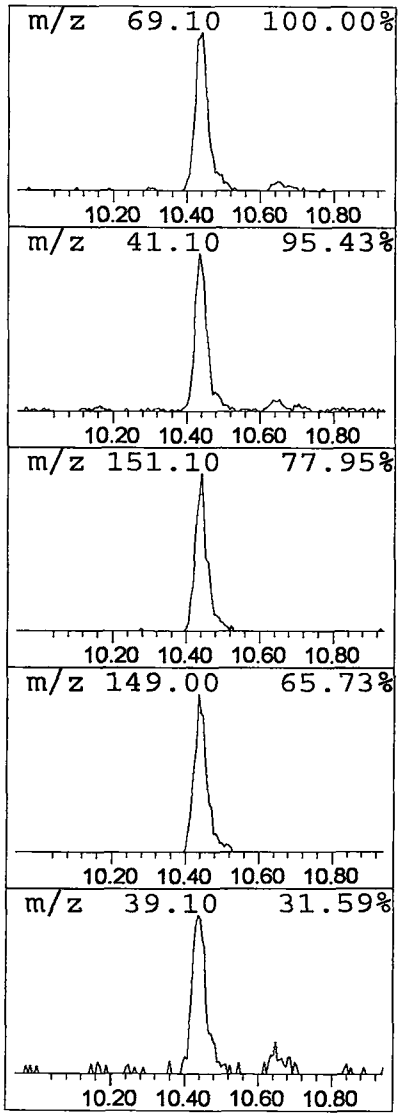
Peak Number 11 Butane, 1,2-dibromo-3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	2.31 ug/l	173727	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,2-dibromo-3-methyl-	228	C5H10Br2	010288-13-8	64
2	Pentane, 1,4-dibromo-	228	C5H10Br2	000626-87-9	56
3	Butane, 1,3-dibromo-3-methyl-	228	C5H10Br2	024443-15-0	38
4	4-Methyl-7-oxo-4,7-dihydro-triaz...	151	C5H5N5O	1000146-61-9	27





Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020515\11155.D Vial: 21
Acq On : 16 May 2002 7:34 am Operator: Nefliu
Sample : sample Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: rteint.e

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.l

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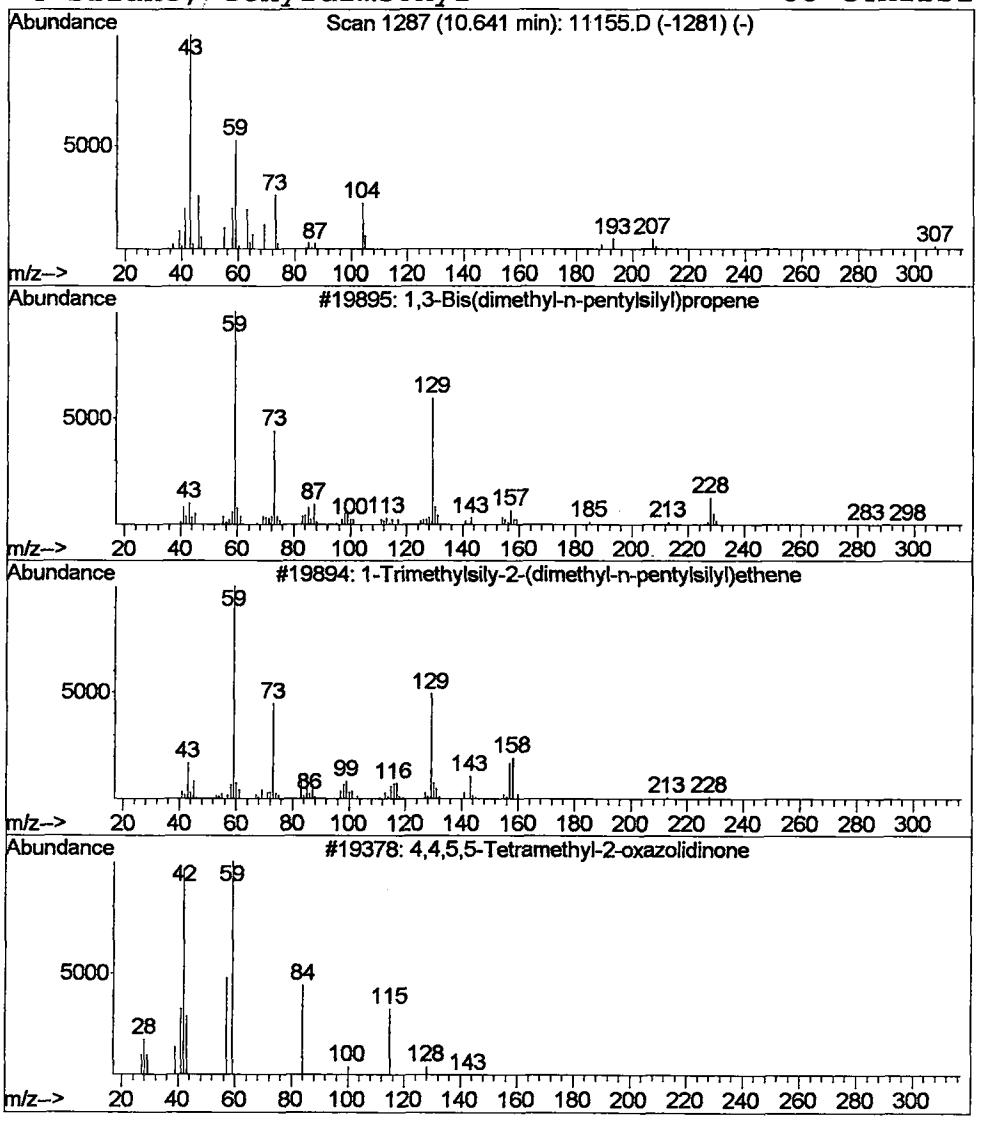
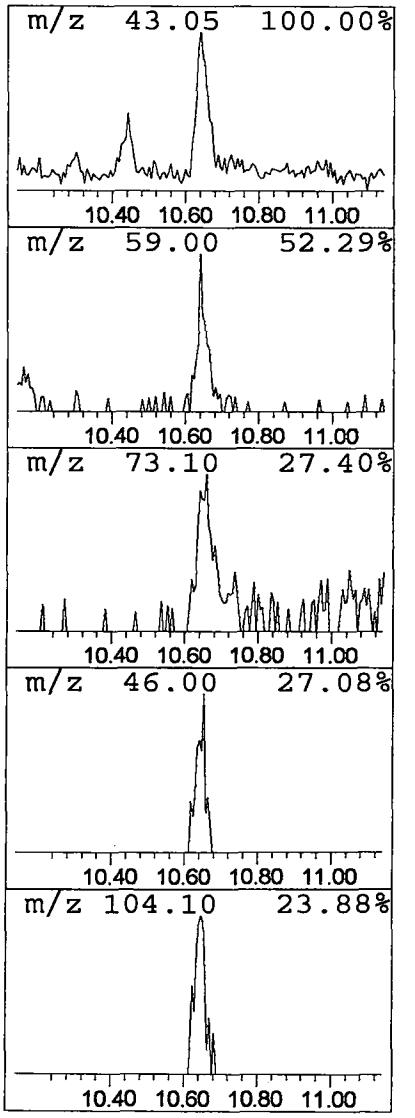
Peak Number 12 1,3-Bis(dimethyl-n-pentylsi... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.64	0.62 ug/l	46423	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Bis(dimethyl-n-pentylsilyl)p...	298	C17H38Si2	1000214-94-5	12
2	1-Trimethylsily-2-(dimethyl-n-pe...	228	C12H28Si2	1000214-91-7	10
3	4,4,5,5-Tetramethyl-2-oxazolidinone	143	C7H13NO2	052856-03-8	9
4	Silane, ethyldimethyl-	88	C4H12Si	000758-21-4	9





Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 May 2002 7:34 am
Data File: C:\MSDCHEM\1\DATA\020515\11155.D
Name: sample
Misc:
Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
Title: Method 508 GC/MS Scan
Library Searched: C:\DATABASE\nist98.l

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--- #	RT	Resp	Conc
Acetonitrile, dic...	3.64	0.6	ug/l	42339	1	11.38	3005670	40.0
1-Propanesulfonic...	4.30	3.5	ug/l	261982	1	11.38	3005670	40.0
2-Butene, 1-bromo...	4.47	16.2	ug/l	1215560	1	11.38	3005670	40.0
2-Dodecanol, 2-me...	5.25	3.1	ug/l	233861	1	11.38	3005670	40.0
Butane, 2,3-dichl...	5.65	2.7	ug/l	202899	1	11.38	3005670	40.0
2-Propanone, 1,1,...	6.12	0.9	ug/l	69124	1	11.38	3005670	40.0
2-Pentanone, 4-hy...	6.16	18.8	ug/l	1409100	1	11.38	3005670	40.0
Butanamide	7.39	110.6	ug/l	8313680	1	11.38	3005670	40.0
2-Butene, 1-bromo...	7.88	37.6	ug/l	2823150	1	11.38	3005670	40.0
3,4-Dimethyl-5-he...	8.42	3.8	ug/l	281901	1	11.38	3005670	40.0
Butane, 1,2-dibro...	10.44	2.3	ug/l	173727	1	11.38	3005670	40.0
1,3-Bis(dimethyl-...	10.64	0.6	ug/l	46423	1	11.38	3005670	40.0