

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:55:53

Sample: AE10702
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:55 Ended: 5/20/02 13:55 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		74		10.0

Comments for Sample AE10702 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:56:07

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Data File : C:\MSDCHEM\1\DATA\020513\10702.D Vial: 13
 Acq On : 14 May 2002 12:24 am Operator: Nefliu
 Sample : sample Inst : Instrumen
 Misc : Multiplr: 1.00
 MS Integration Params: rteint.e
 Quant Time: May 15 08:42:14 2002 Quant Results File: SCAN020507.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 09 09:21:01 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	516588	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1923598	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.46	164	1021672	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1757351	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	1421345	40.00	ug/l	-0.05
44) Perylene-d12	43.16	264	921123	40.00	ug/l	-0.02

System Monitoring Compounds
 27) TCMX 27.54 207 60525 7.42 ug/l -0.04
 Spiked Amount 10.000 Recovery = 74.20%

Target Compounds Qvalue

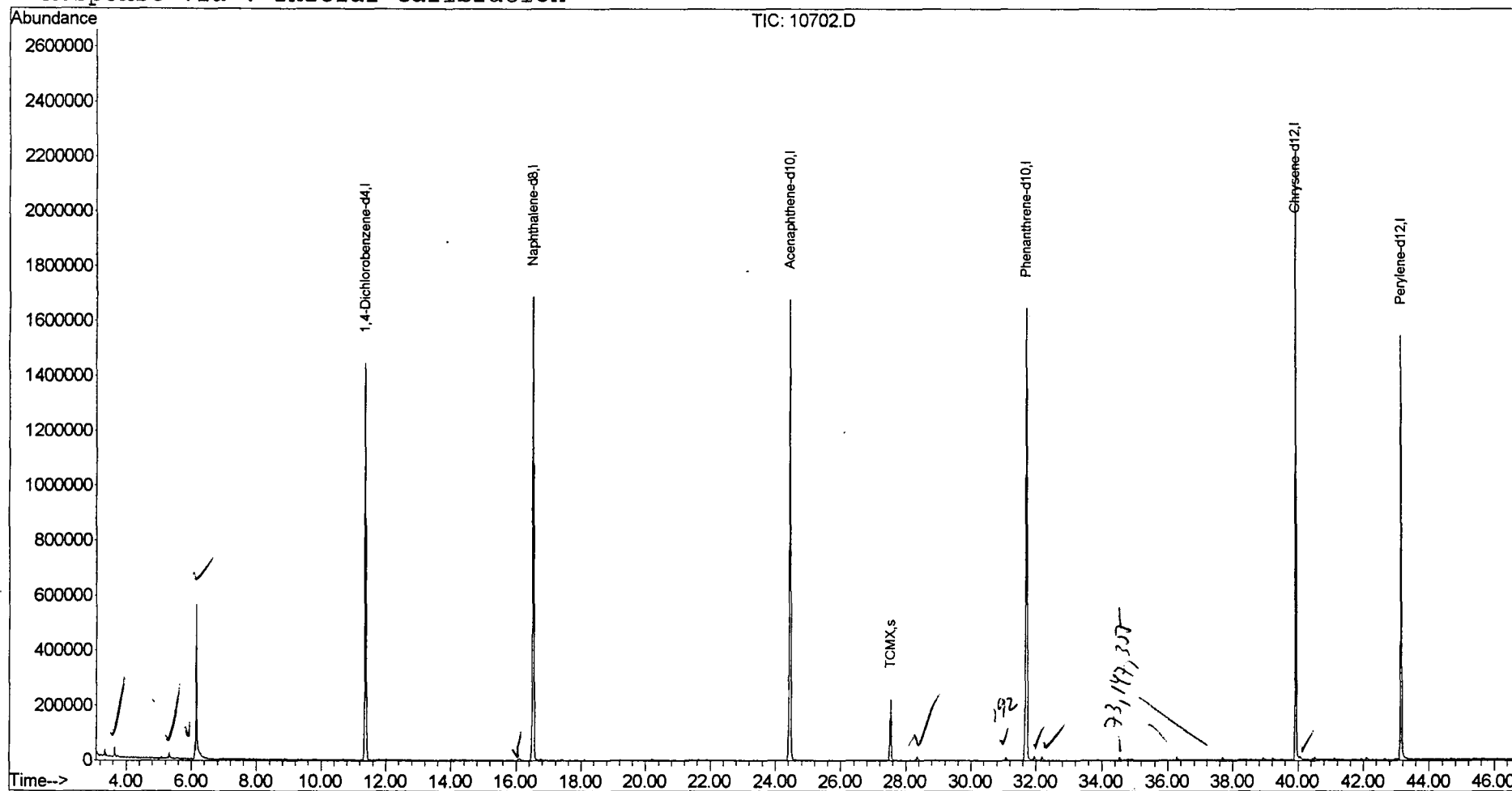
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10702.D
 Acq On : 14 May 2002 12:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:43 2002

Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: SCAN020507.RES

Method : C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Thu May 09 09:21:01 2002
 Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020513\10702.D

Acq On : 14 May 2002 12:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 13

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.7 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

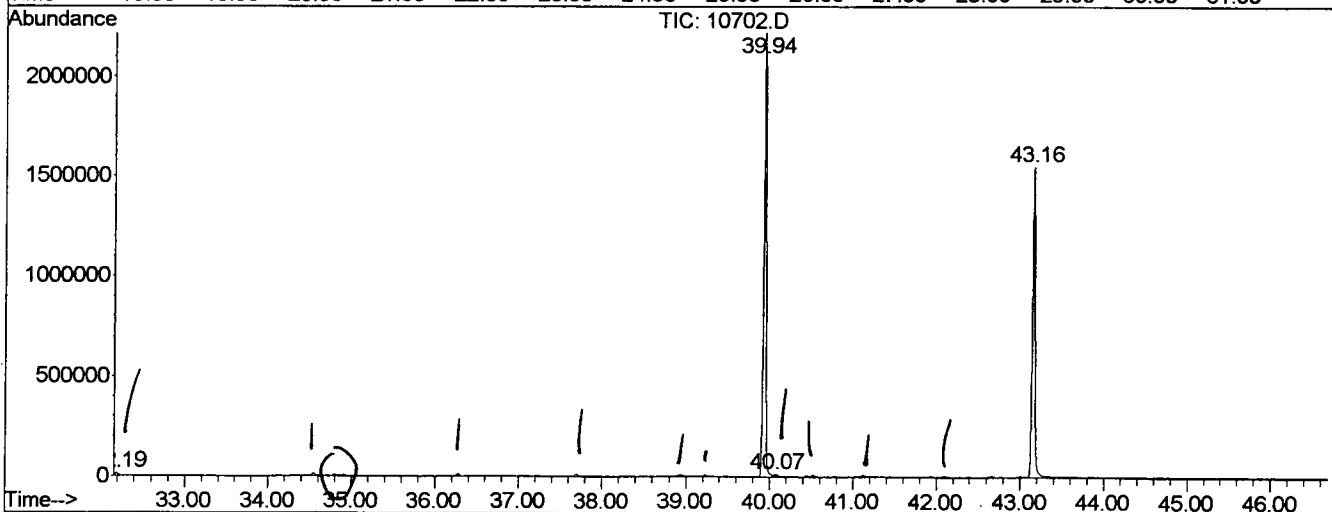
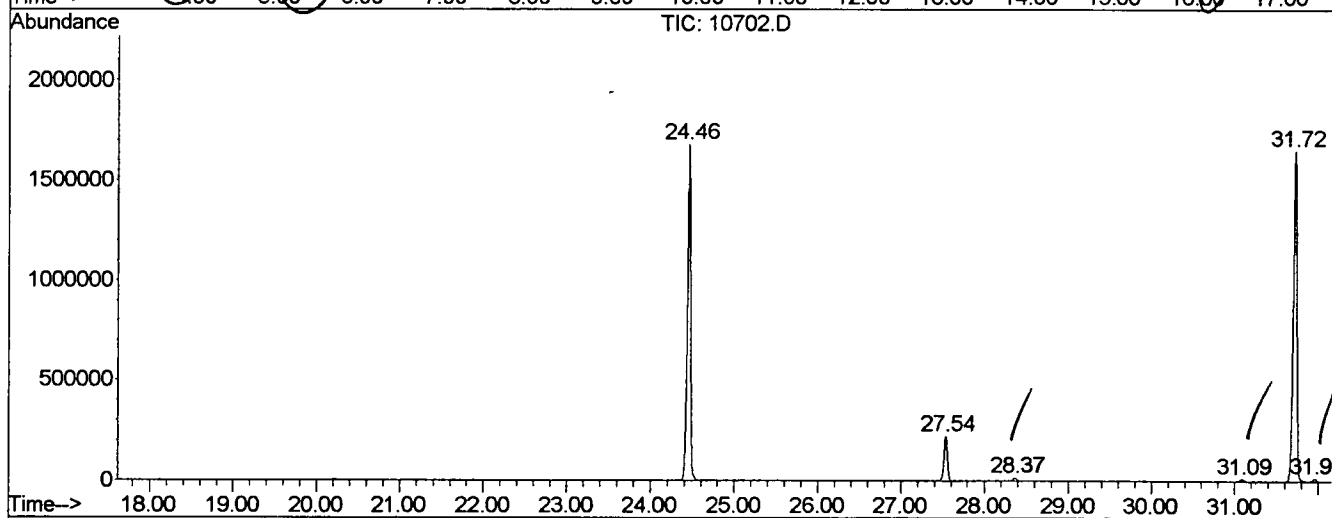
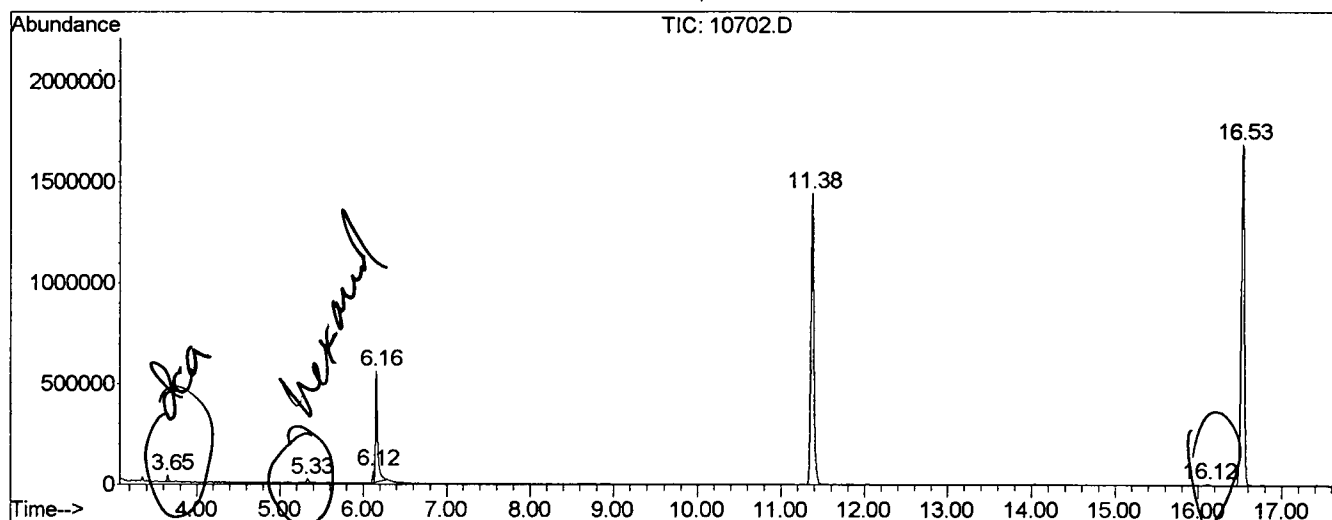
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	93	97	103	rVB	32604	41979	0.85%	0.154%
2	5.330	379	383	399	rBV	20080	44183	0.90%	0.162%
3	6.123	511	518	520	rBV	61433	93866	1.91%	0.343%
4	6.158	520	524	545	rVB	550800	1022394	20.80%	3.741%
5	11.376	1400	1412	1434	rBV	1444607	3574559	72.72%	13.079%
6	16.117	2205	2219	2235	rBV3	8379	36467	0.74%	0.133%
7	16.534	2274	2290	2307	rBV	1687421	4478626	91.11%	16.386%
8	24.460	3622	3639	3659	rBV	1678174	4659091	94.78%	17.047%
9	27.539	4145	4163	4175	rBV4	222658	635157	12.92%	2.324%
10	28.368	4293	4304	4314	rBV2	14996	45707	0.93%	0.167%
11	31.088	4753	4767	4777	rVB5	12316	40715	0.83%	0.149%
12	31.723	4857	4875	4892	rBV2	1646396	4915769	100.00%	17.986%
13	31.958	4905	4915	4926	rVB3	15655	44214	0.90%	0.162%
14	32.193	4946	4955	4965	rVB3	15188	41412	0.84%	0.152%
15	39.937	6262	6273	6290	rBV2	2213772	4358199	88.66%	15.946%
16	40.066	6290	6295	6306	rVB9	11829	36522	0.74%	0.134%
17	43.157	6810	6821	6844	rBV2	1544856	3262410	66.37%	11.937%

Sum of corrected areas: 27331270

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10702.D
 Operator : Nefliu
 Acquired : 14 May 2002 12:24 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 13
 Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
Acq On : 14 May 2002 12:24 am
Sample : sample
Misc :
MS Integration Params: rteint.e

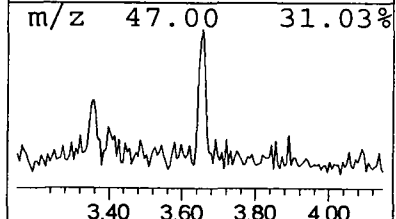
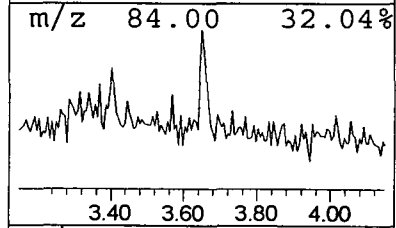
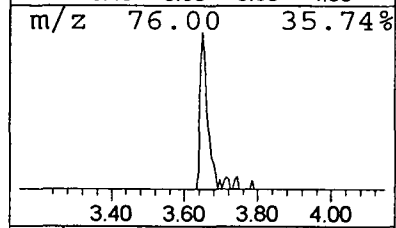
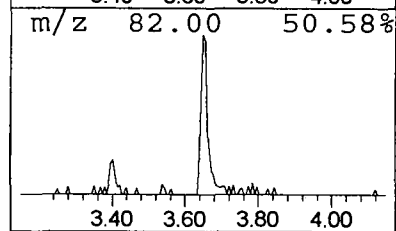
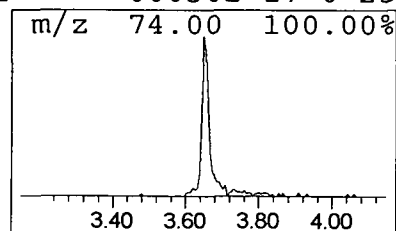
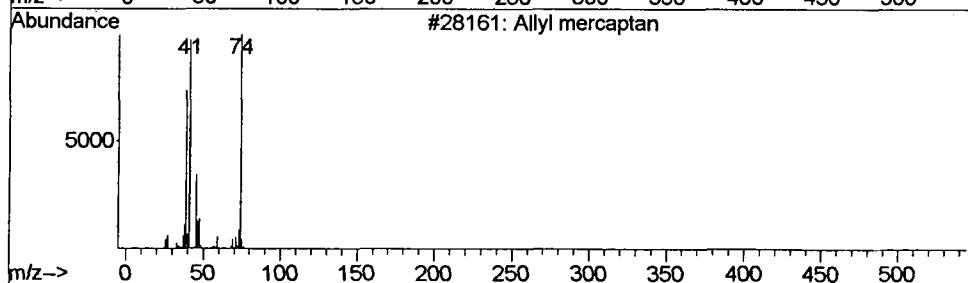
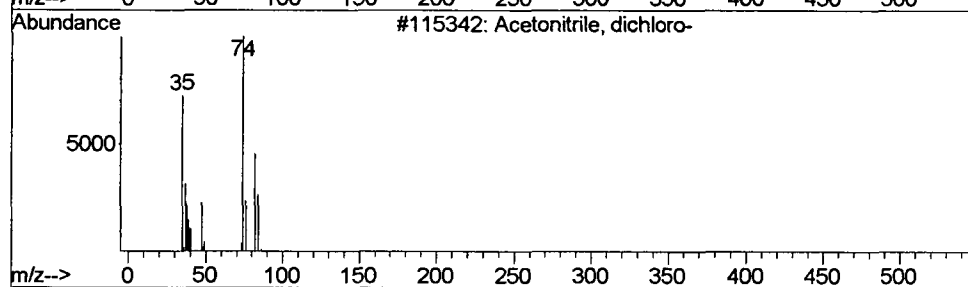
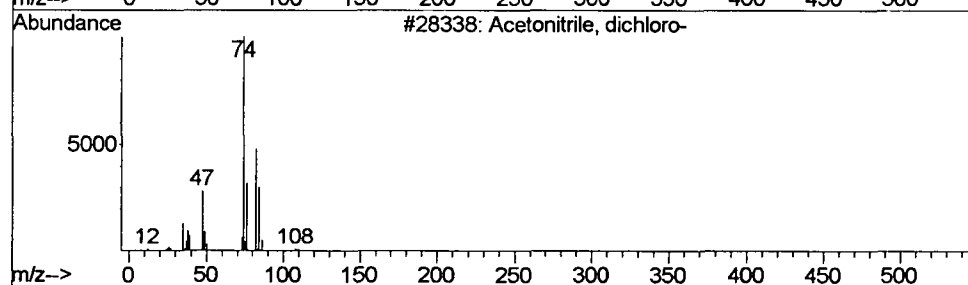
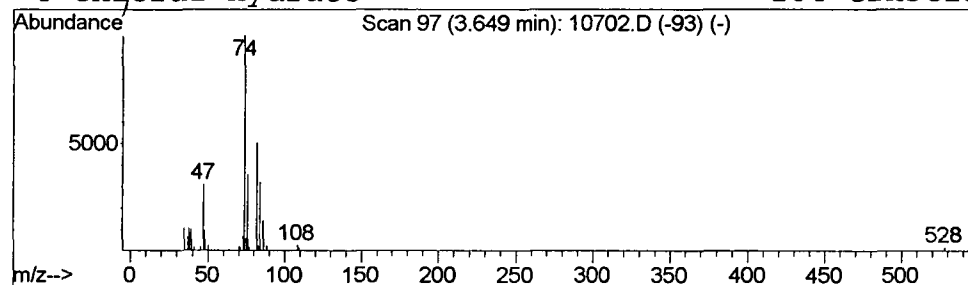
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 1 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.47 ug/l	41979	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	94
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3			Allyl mercaptan	74	C3H6S	000870-23-5	25
4			Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	25



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
Acq On : 14 May 2002 12:24 am
Sample : sample
Misc :
MS Integration Params: rteint.e

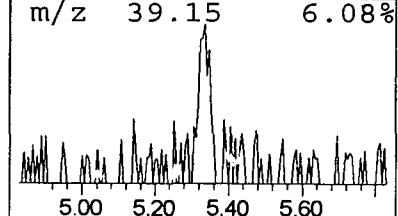
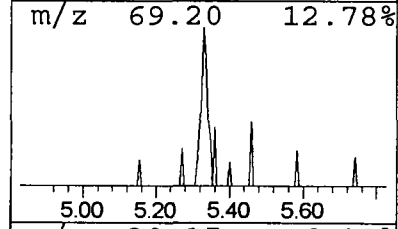
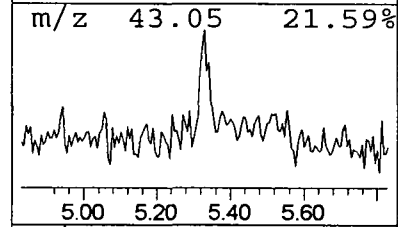
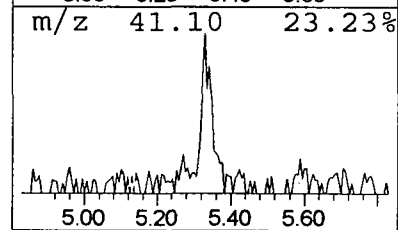
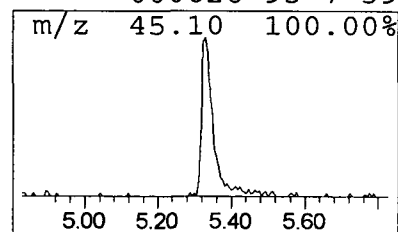
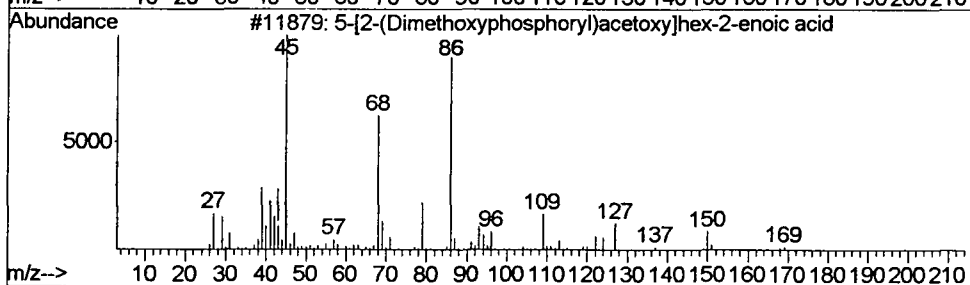
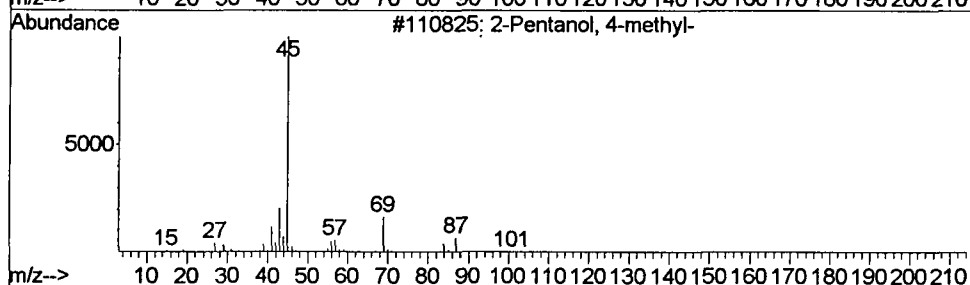
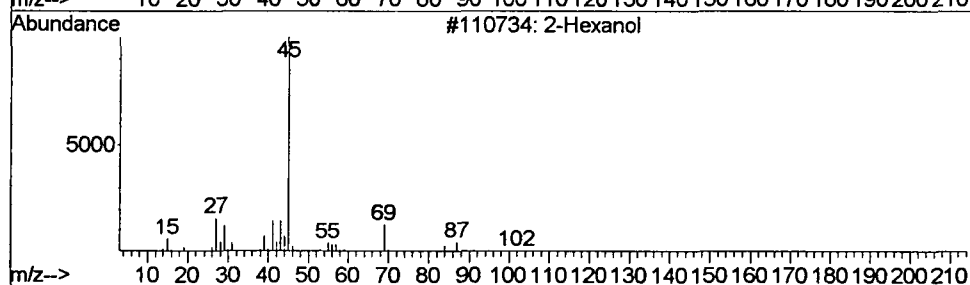
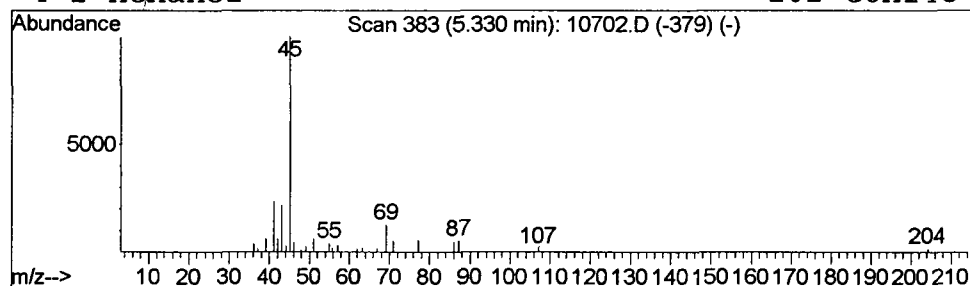
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	0.49 ug/l	44183	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanol	102	C6H14O	000626-93-7	50
2			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50
3			5-[2-(Dimethoxyphosphoryl)acetox...	280	C10H17O7P	1000187-38-4	40
4			2-Hexanol	102	C6H14O	000626-93-7	39



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
 Acq On : 14 May 2002 12:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

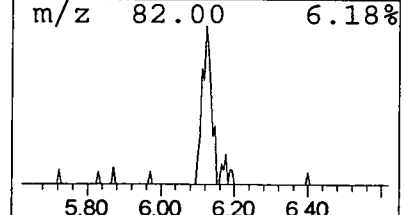
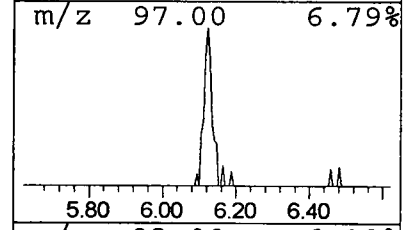
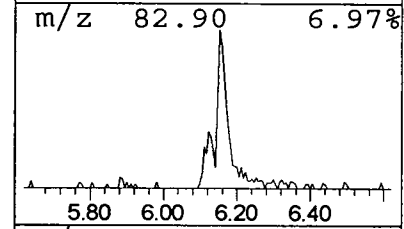
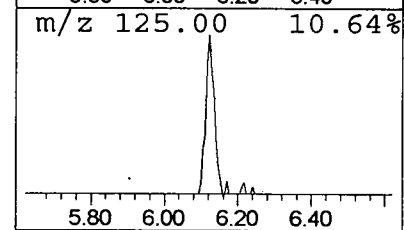
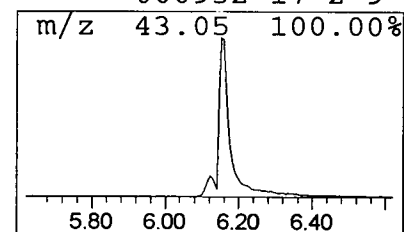
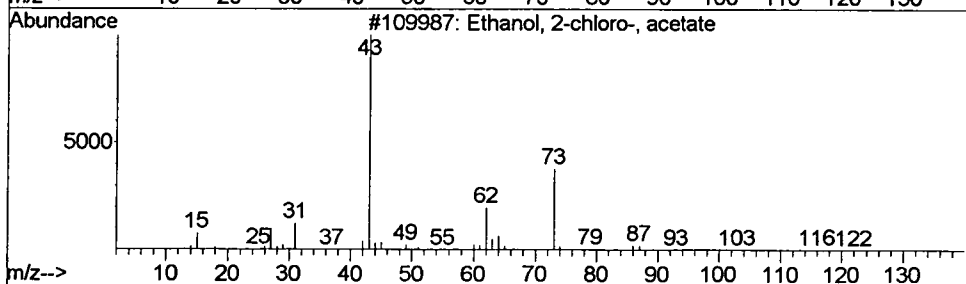
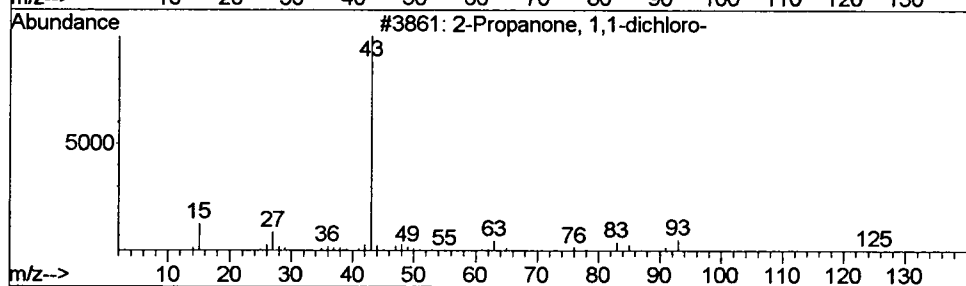
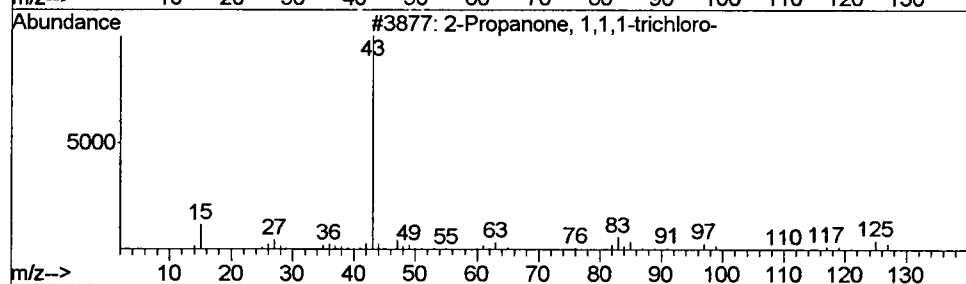
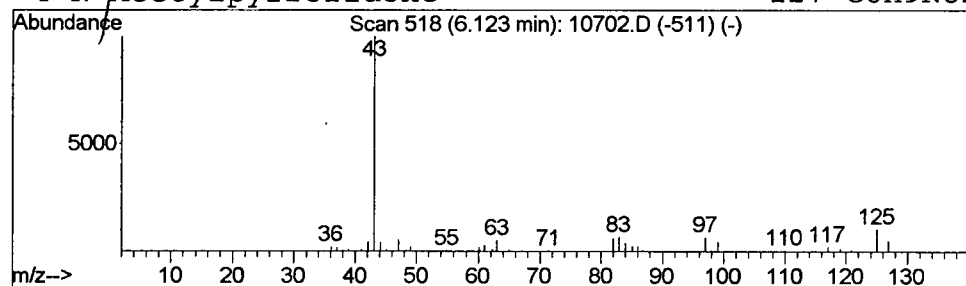
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	1.05 ug/l	93866	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	39
2			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	12
3			Ethanol, 2-chloro-, acetate	122	C4H7ClO2	000542-58-5	10
4			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
 Acq On : 14 May 2002 12:24 am
 Sample : sample
 Misc :
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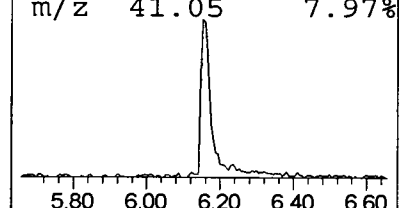
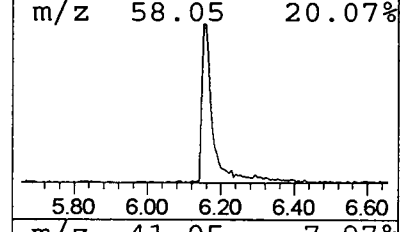
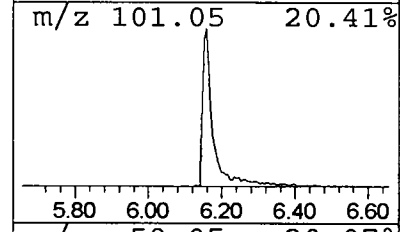
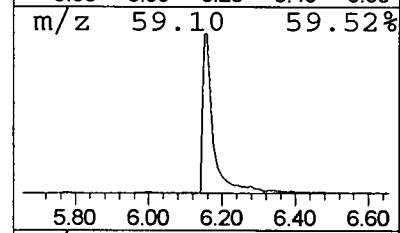
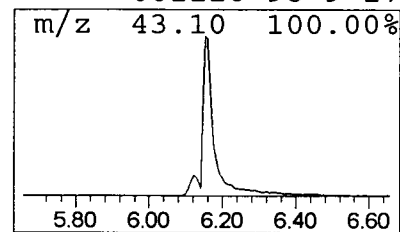
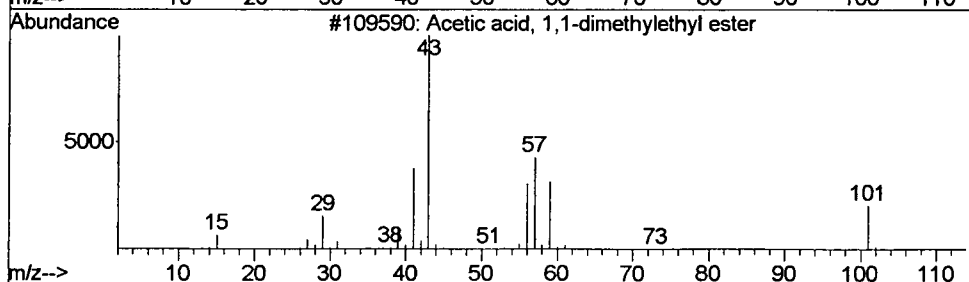
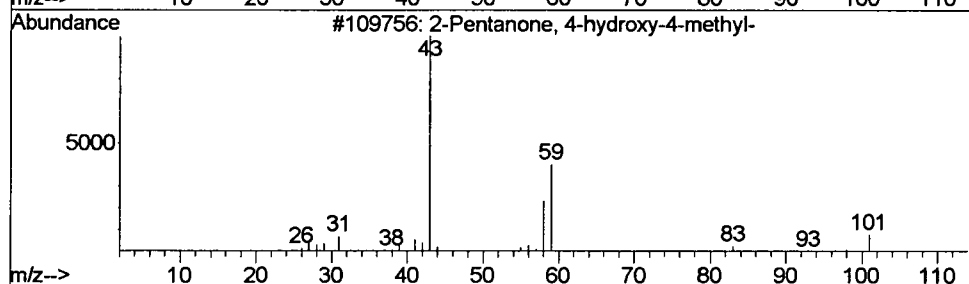
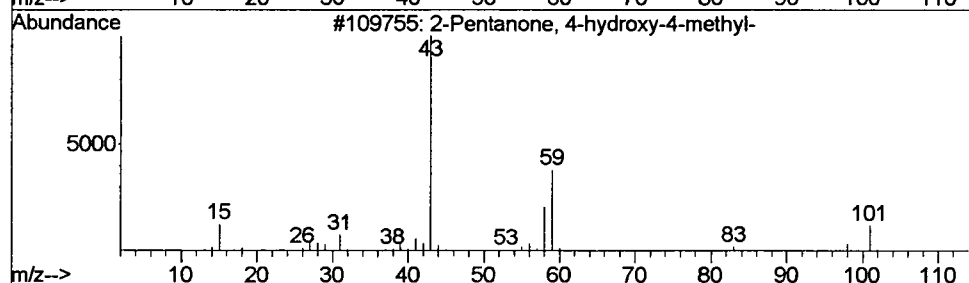
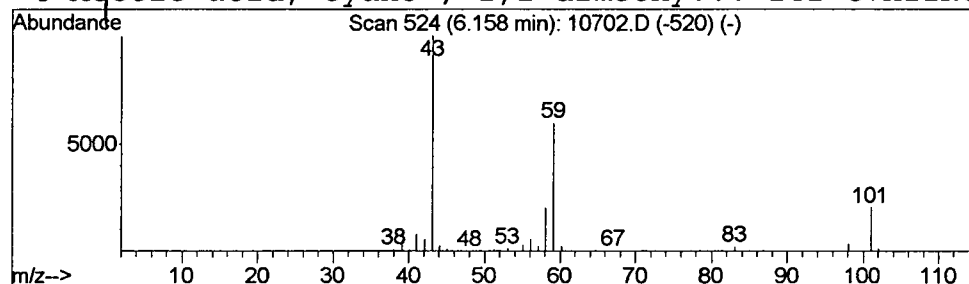
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	11.44 ug/l	1022390	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	53
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17



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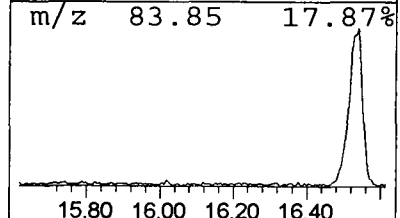
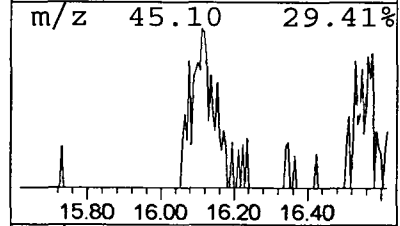
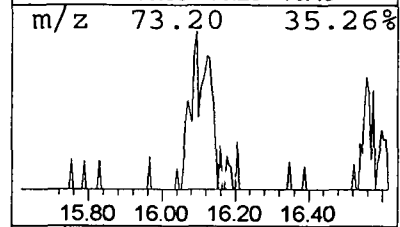
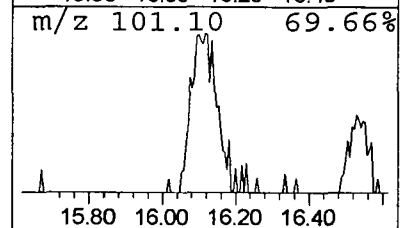
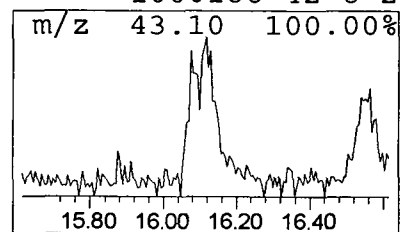
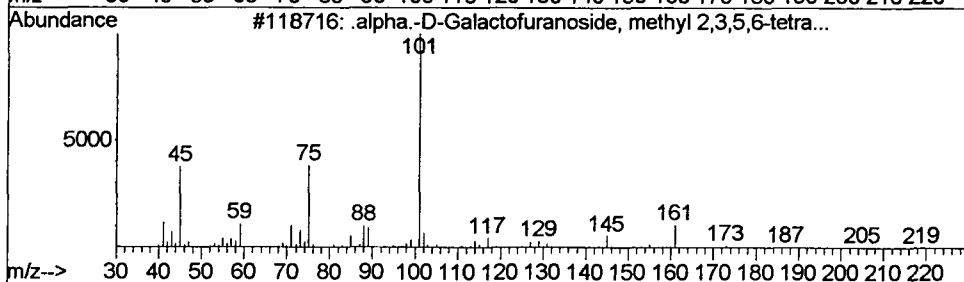
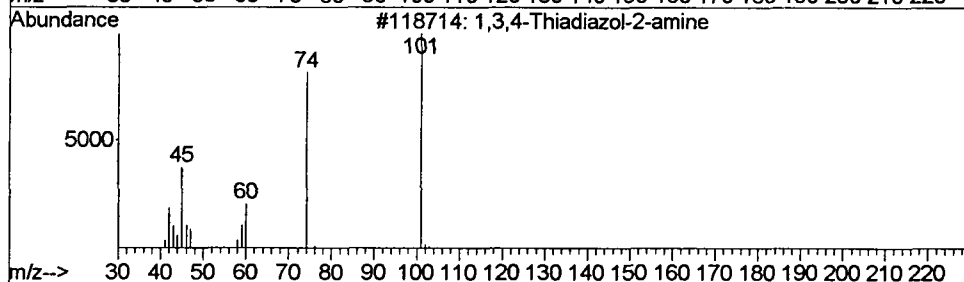
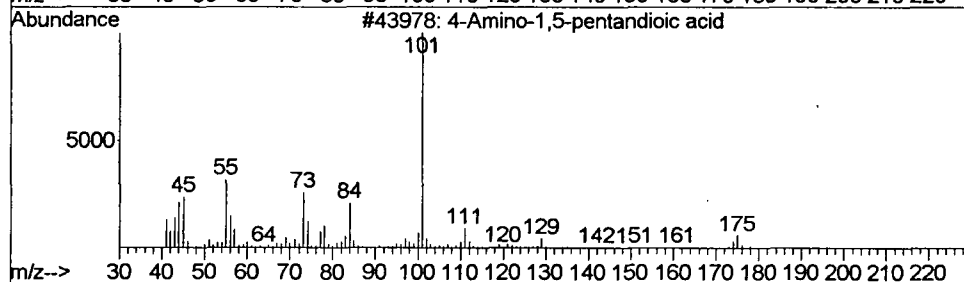
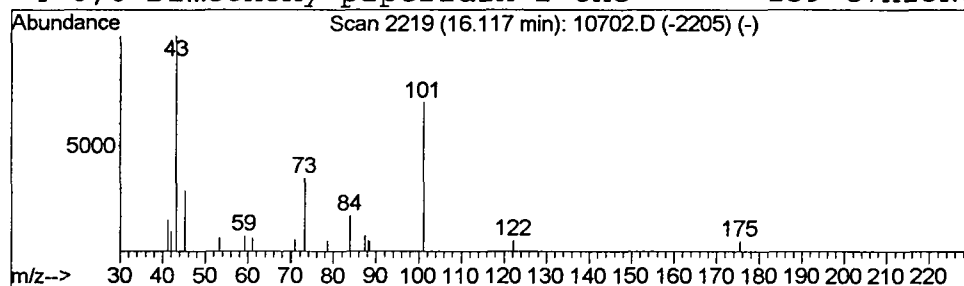
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 5 4-Amino-1,5-pentandioic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	0.33 ug/l	36467	Naphthalene-d8	16.53

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Amino-1,5-pentandioic acid	175	C7H13NO4	007766-85-0	38
2		1,3,4-Thiadiazol-2-amine	101	C2H3N3S	004005-51-0	32
3		.alpha.-D-Galactofuranoside, met...	250	C11H22O6	010225-58-8	28
4		6,6-Dimethoxy-piperidin-2-one	159	C7H13NO3	1000186-42-8	23



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
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Misc :
MS Integration Params: rteint.e

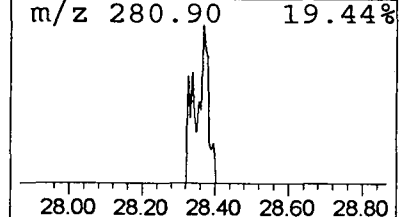
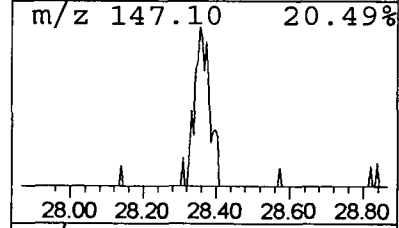
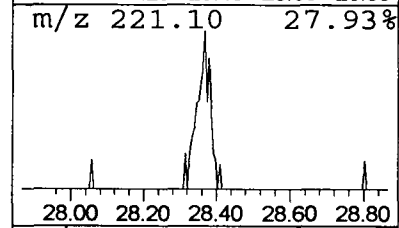
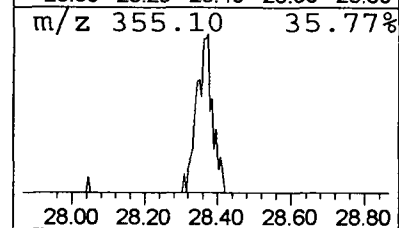
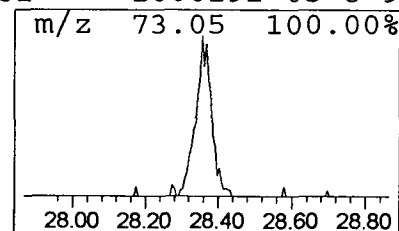
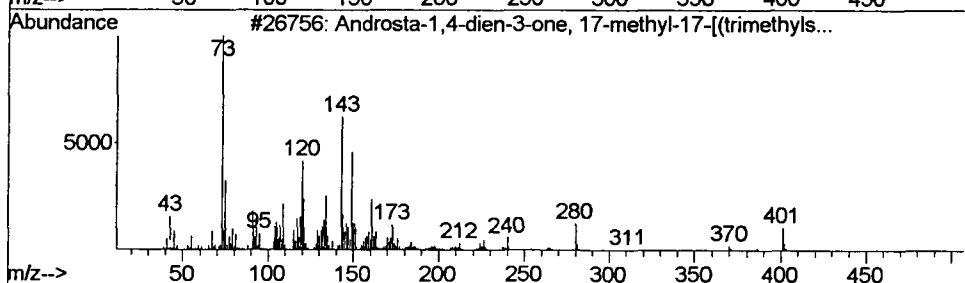
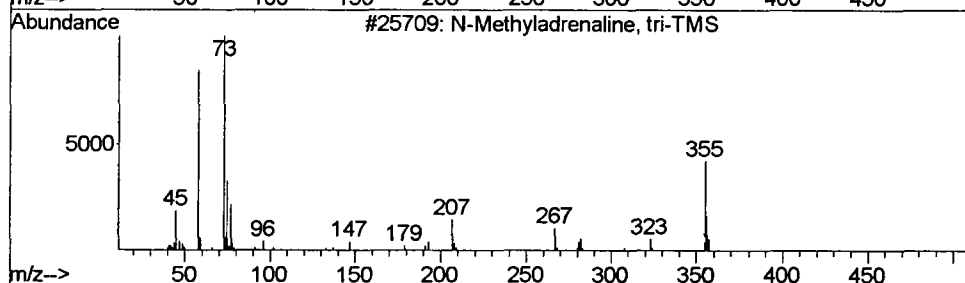
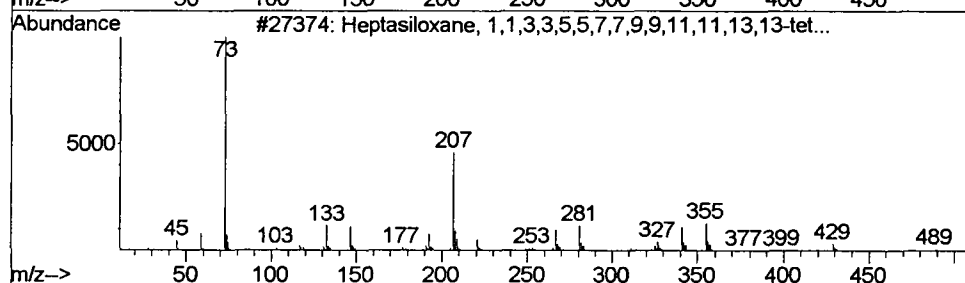
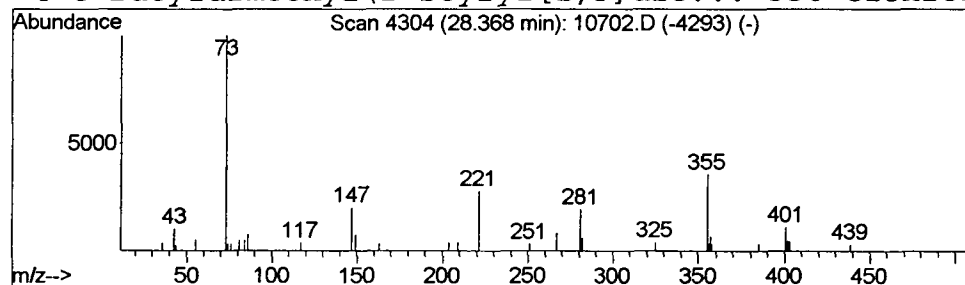
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.37	0.37 ug/l	45707	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	23
2		N-Methyladrenaline, tri-TMS	413	C19H39NO3Si3	1000071-72-1	10
3		Androsta-1,4-dien-3-one, 17-meth...	401	C24H39NO2Si	057397-03-2	9
4		t-Butyldimethyl(2-styryl[1,3]dit...	336	C18H28S2Si	1000192-03-8	9



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
Acq On : 14 May 2002 12:24 am
Sample : sample
Misc :
MS Integration Params: rteint.e

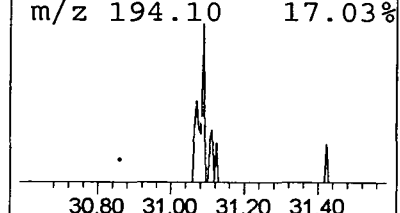
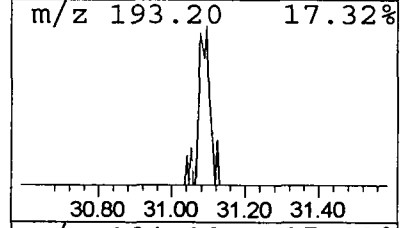
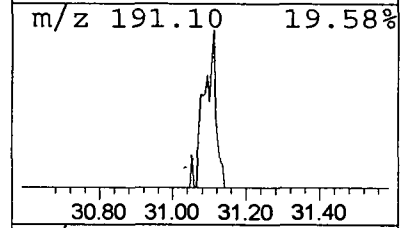
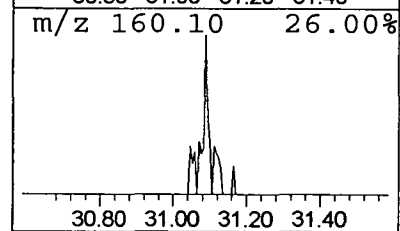
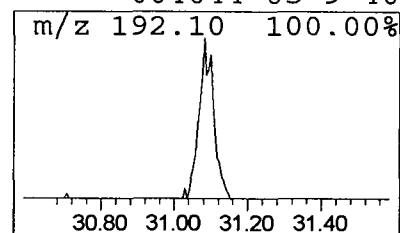
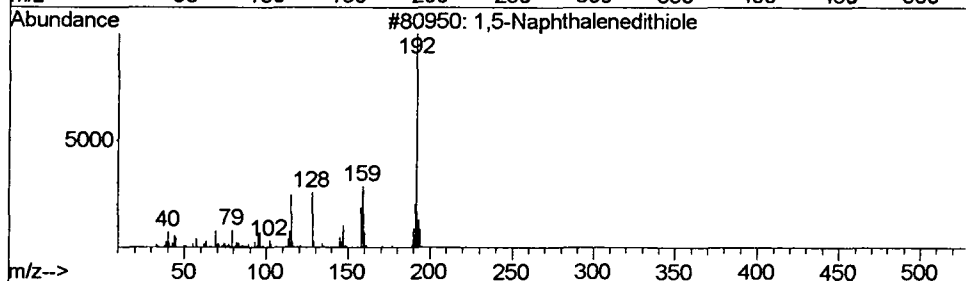
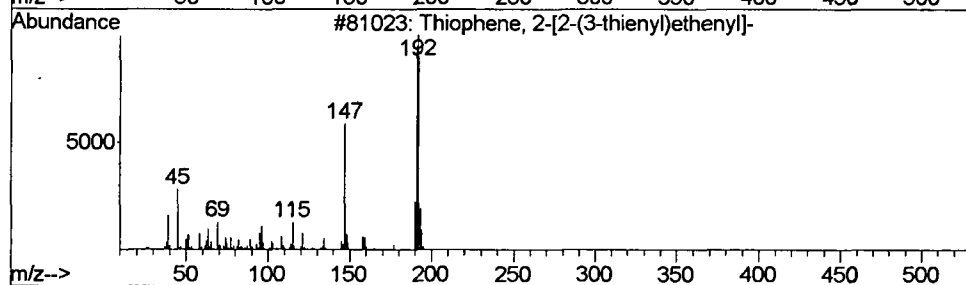
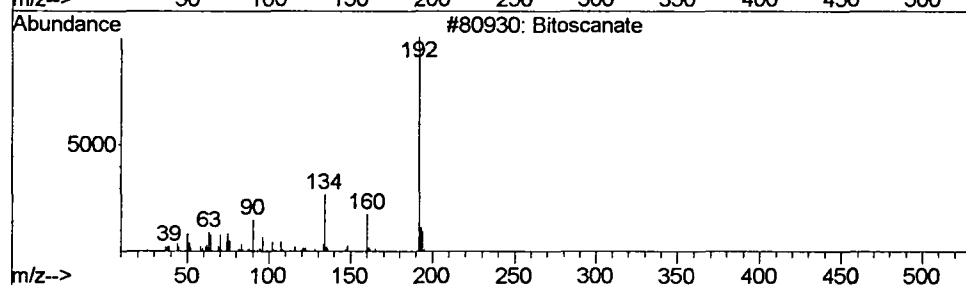
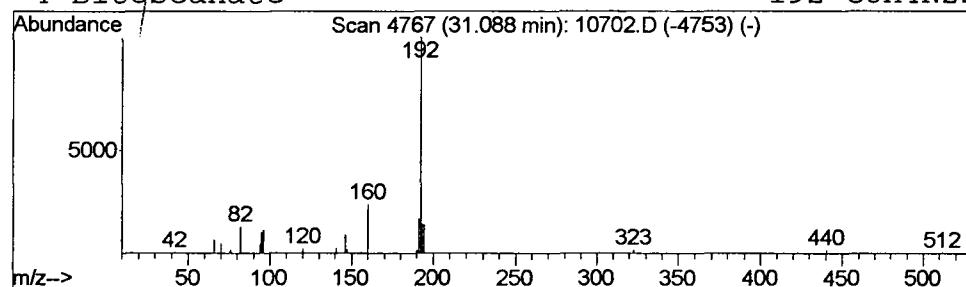
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 7 Bitoscanate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.33 ug/l	40715	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bitoscanate		192	C8H4N2S2	004044-65-9	50
2	Thiophene, 2-[2-(3-thienyl)ethen...		192	C10H8S2	116854-09-2	43
3	1,5-Naphthalenedithiole		192	C10H8S2	1000223-69-5	42
4	Bitoscanate		192	C8H4N2S2	004044-65-9	40



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
 Acq On : 14 May 2002 12:24 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

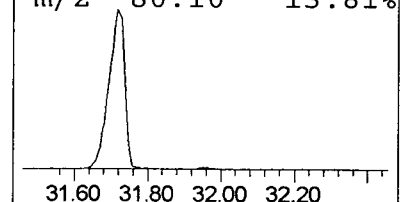
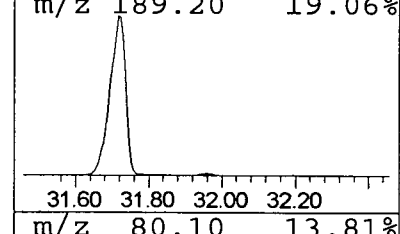
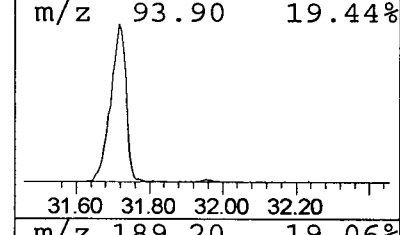
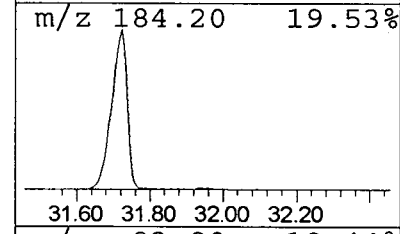
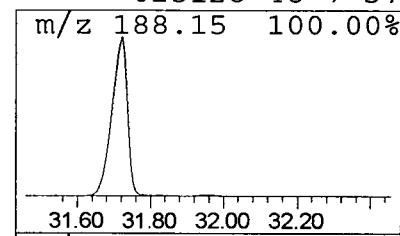
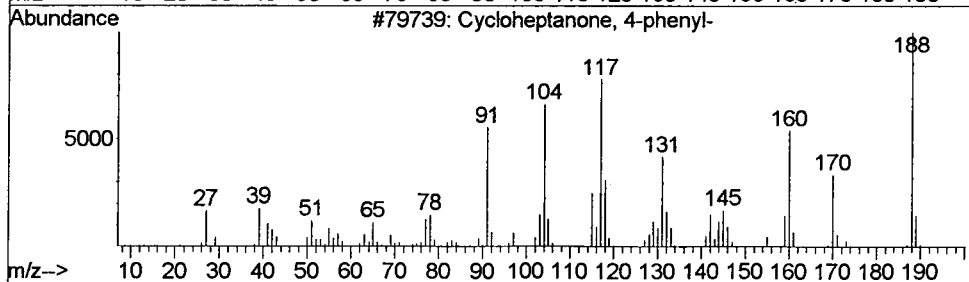
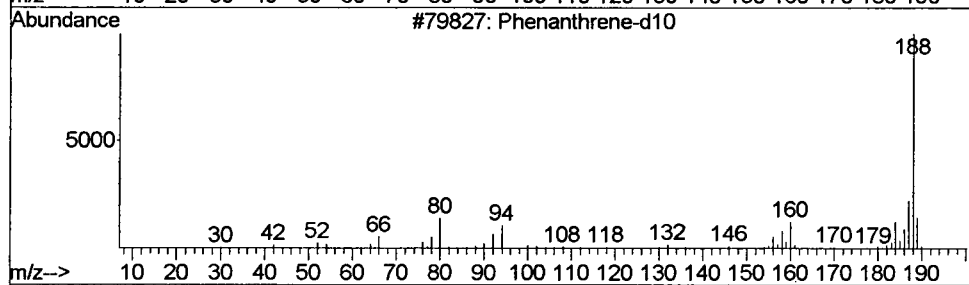
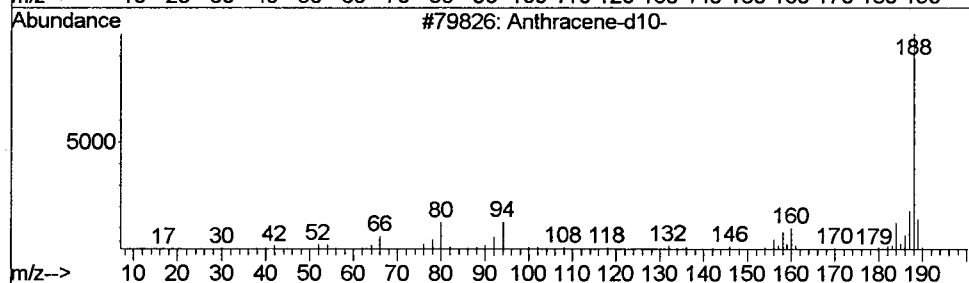
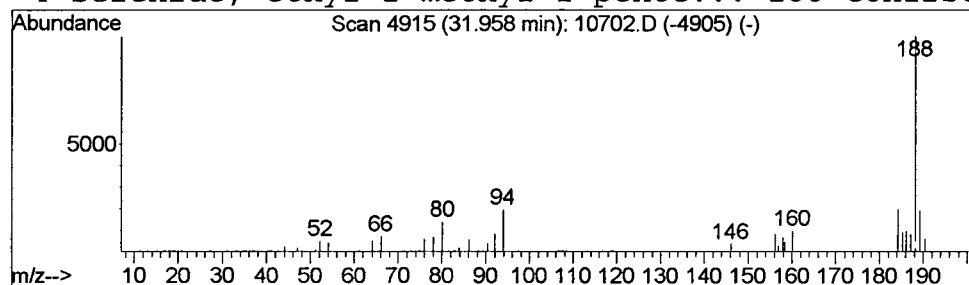
Vial: 13
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 Multiplr: 1.00

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

 Peak Number 8 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	44214	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	87
2		Phenanthrene-d10	188	C14D10	001517-22-2	68
3		Cycloheptanone, 4-phenyl-	188	C13H16O	067688-28-2	43
4		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	37



Data File : C:\MSDCHEM\1\DATA\020513\10702.D

Acq On : 14 May 2002 12:24 am

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 13

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

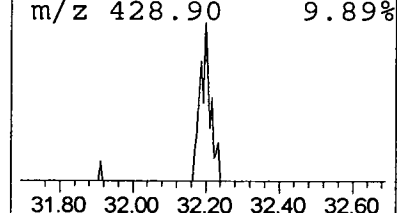
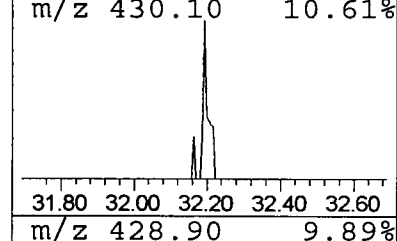
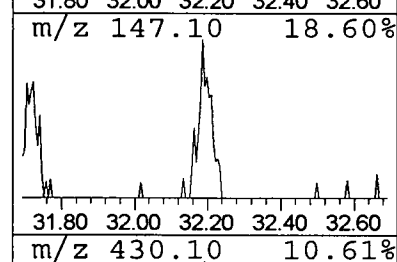
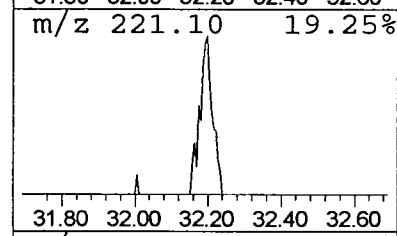
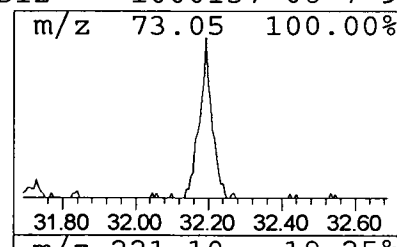
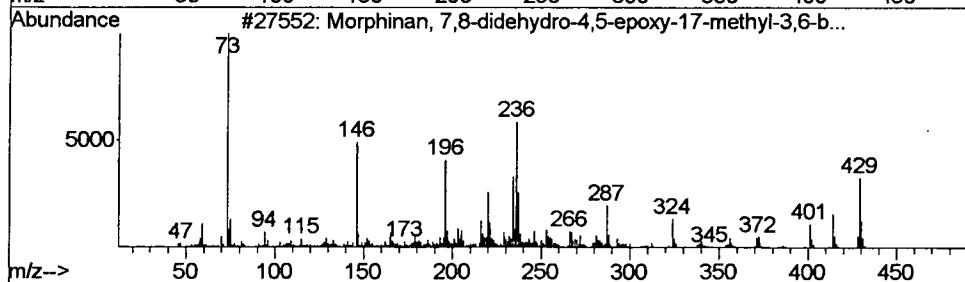
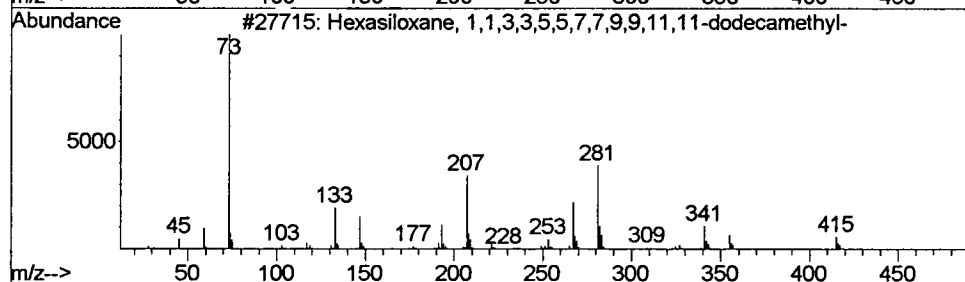
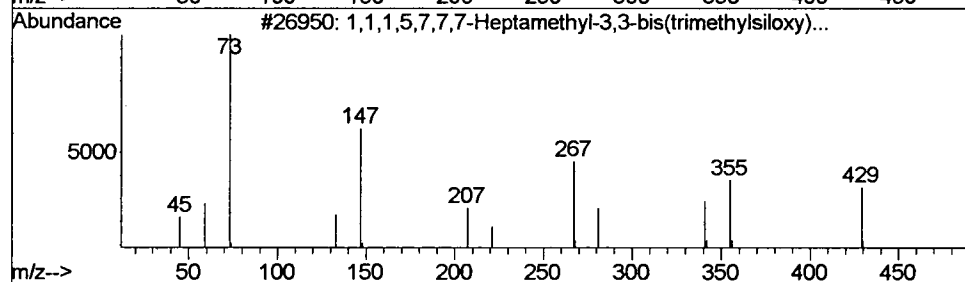
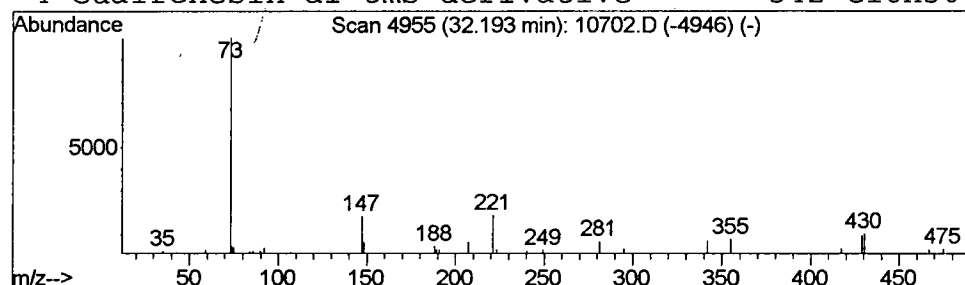
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.l

Peak Number 9 1,1,1,5,7,7,7-Heptamethyl-3... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	0.34 ug/l	41412	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1,1,5,7,7,7-Heptamethyl-3,3-bi...	444	C13H40O5Si6	038147-00-1	23
2			Hexasiloxane, 1,1,3,3,5,5,7,7,9,...	430	C12H38O5Si6	000995-82-4	12
3			Morphinan, 7,8-didehydro-4,5-epo...	429	C23H35NO3Si2	055449-66-6	10
4			Guaifenesin di-tms derivative	342	C16H30O4Si2	1000137-06-7	9



Data File : C:\MSDCHEM\1\DATA\020513\10702.D
 Acq On : 14 May 2002 12:24 am
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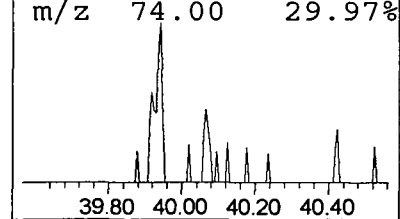
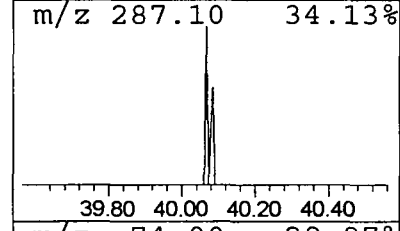
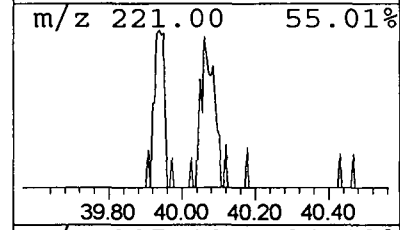
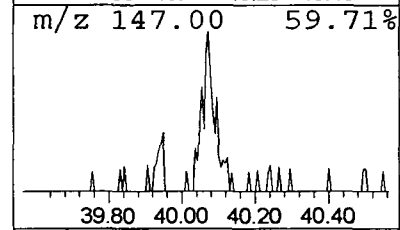
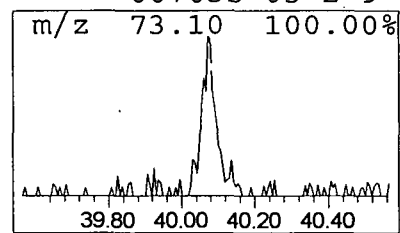
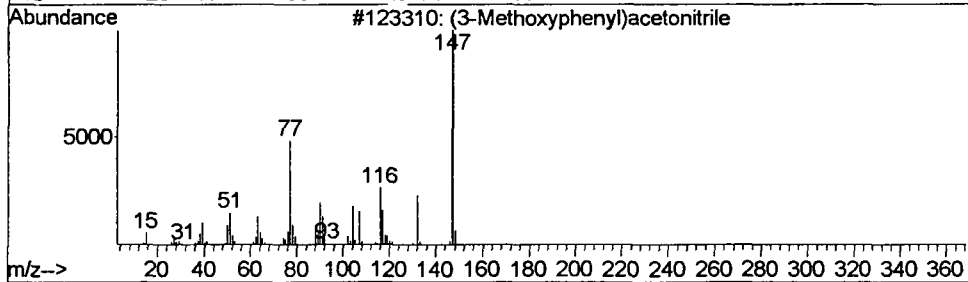
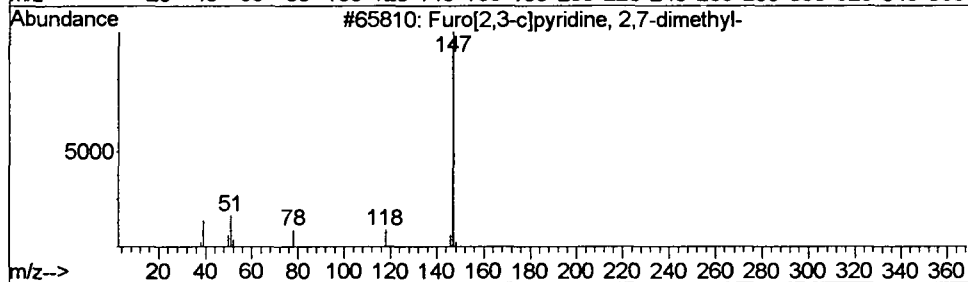
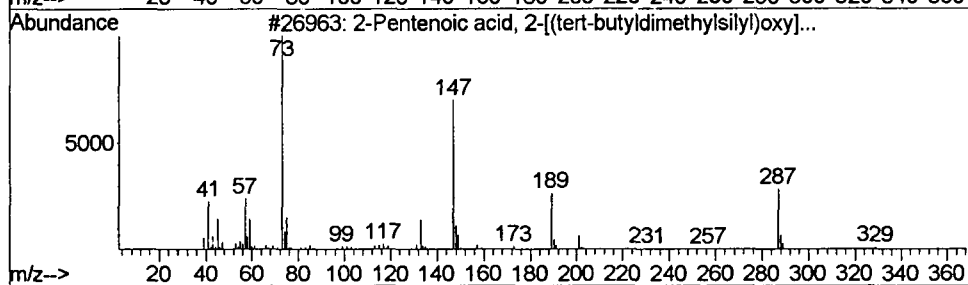
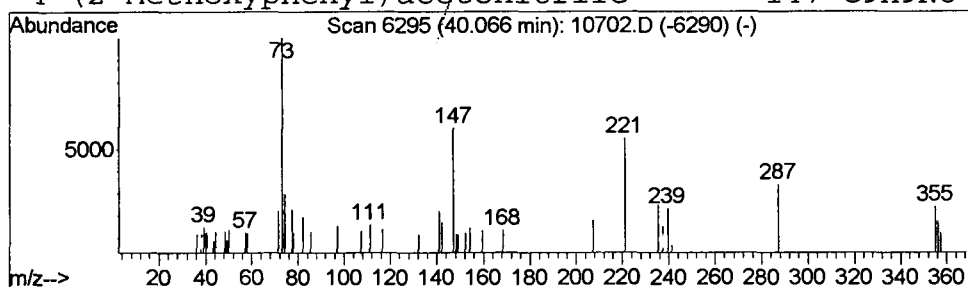
Vial: 13
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 10 2-Pentenoic acid, 2-[(tert-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
40.07	0.34 ug/l	36522	Chrysene-d12	39.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentenoic acid, 2-[(tert-butyl...	344	C17H36O3Si2	1000221-74-3	10
2			Furo[2,3-c]pyridine, 2,7-dimethyl-	147	C9H9NO	069022-77-1	10
3			(3-Methoxyphenyl)acetonitrile	147	C9H9NO	019924-43-7	10
4			(2-Methoxyphenyl)acetonitrile	147	C9H9NO	007035-03-2	9



Operator ID: Nefliu Date Acquired: 14 May 2002 12:24 am
 Data File: C:\MSDCHEM\1\DATA\020513\10702.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020507.M (RTE Integrator)
 Title: Method 508 GC/MS Scan
 Library Searched: C:\DATABASE\nist98.1

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ Acetonitrile, dic...	3.65	0.5	ug/l	41979	1	11.38	3574560	40.0
2-Hexanol	5.33	0.5	ug/l	44183	1	11.38	3574560	40.0
2-Propanone, 1,1,...	6.12	1.1	ug/l	93866	1	11.38	3574560	40.0
2-Pentanone, 4-hy...	6.16	11.4	ug/l	1022390	1	11.38	3574560	40.0
4-Amino-1,5-penta...	16.12	0.3	ug/l	36467	2	16.53	4478630	40.0
Heptasiloxane, 1,...	28.37	0.4	ug/l	45707	4	31.72	4915770	40.0
Bitescanate	31.09	0.3	ug/l	40715	4	31.72	4915770	40.0
✓ Anthracene-d10-	31.96	0.4	ug/l	44214	4	31.72	4915770	40.0
1,1,1,5,7,7,7-Hep...	32.19	0.3	ug/l	41412	4	31.72	4915770	40.0
2-Pentenoic acid,...	40.07	0.3	ug/l	36522	5	39.94	4358200	40.0