

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 12:03:48

Sample: AE09768
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 12:03 Ended: 5/15/02 12:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		10.0

Comments for Sample AE09768 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 12:04:12

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

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\09768.D
Acq On : 8 May 2002 1:56 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 09 09:34:48 2002

Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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	451241	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1704946	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	903747	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1561879	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1276311	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	821705	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	51326	7.11	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	71.10%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	18693	0.68	ug/l	Qvalue 90

(#) = qualifier out of range (m) = manual integration (+) = signals summed
09768.D SCAN020507.M Thu May 09 09:37:30 2002 Page 1

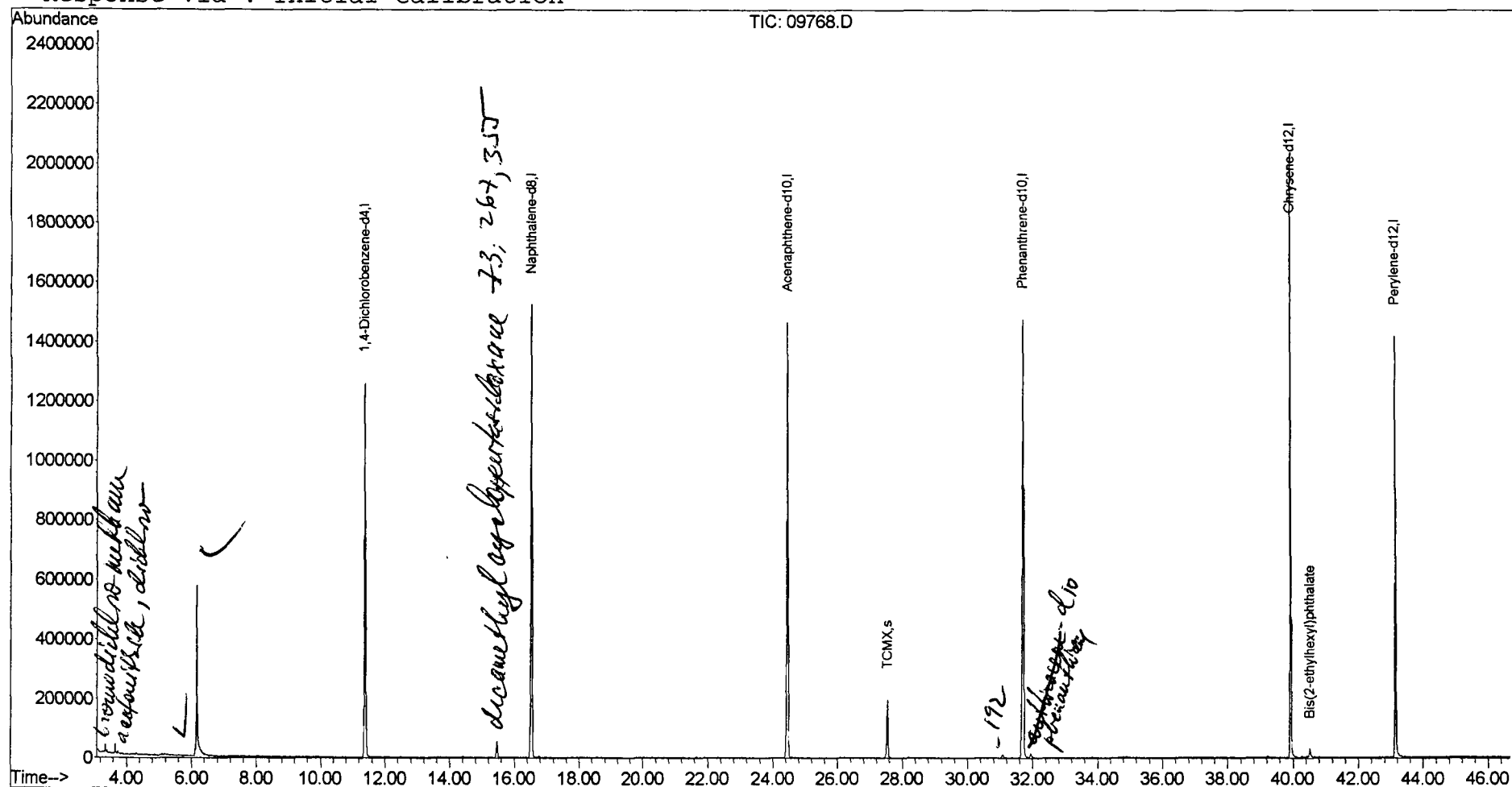
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020507\09768.D
Acq On : 8 May 2002 1:56 am
Sample : sample
Misc :
MS Integration Params: lscint.e
Quant Time: May 9 9:37 2002

Vial: 15
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



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020507\09768.D
 Acq On : 8 May 2002 1:56 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 15
 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

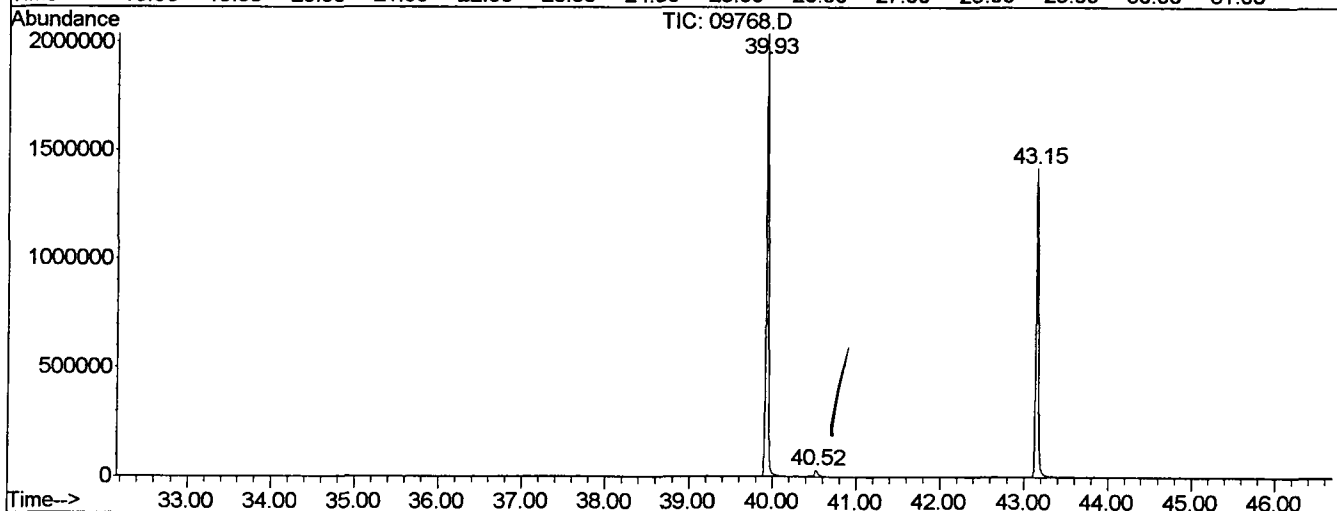
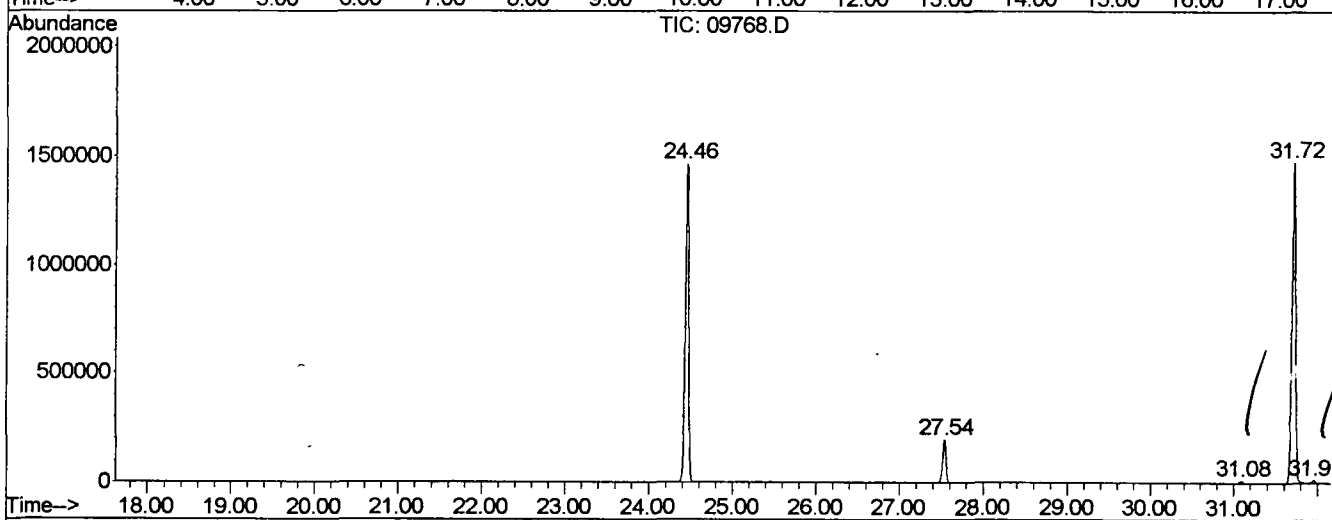
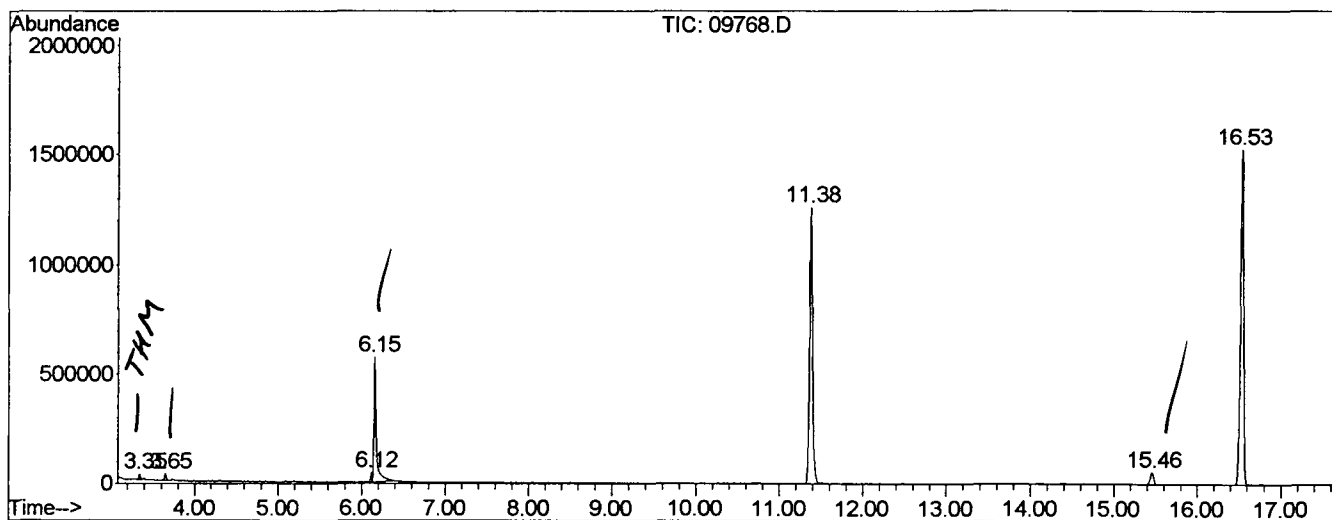
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.349	41	46	52	rBV	26716	32200	0.73%	0.131%
2	3.649	90	97	108	rBV2	32189	50369	1.15%	0.206%
3	6.123	512	518	520	rBV	46466	69620	1.58%	0.284%
4	6.152	520	523	561	rVB	572499	1138257	25.89%	4.645%
5	11.375	1401	1412	1430	rBV	1257544	3120379	70.98%	12.734%
6	15.459	2094	2107	2117	rBV2	55796	155938	3.55%	0.636%
7	16.534	2275	2290	2307	rBV	1525994	3946235	89.76%	16.104%
8	24.460	3620	3639	3655	rBV2	1466415	4080885	92.83%	16.653%
9	27.539	4146	4163	4178	rBV2	197391	543596	12.36%	2.218%
10	31.082	4758	4766	4778	rVB5	11442	35325	0.80%	0.144%
11	31.717	4857	4874	4896	rBV2	1477089	4396284	100.00%	17.941%
12	31.952	4904	4914	4922	rBV2	13913	38898	0.88%	0.159%
13	39.931	6261	6272	6291	rBV2	2036223	3906771	88.87%	15.943%
14	40.518	6366	6372	6385	rVB3	28685	80120	1.82%	0.327%
15	43.151	6809	6820	6845	rBV2	1417980	2909832	66.19%	11.875%

Sum of corrected areas: 24504709

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020507\09768.D
 Operator : Nefliu
 Acquired : 8 May 2002 1:56 am using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 15
 Quant File :SCAN020507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09768.D
 Acq On : 8 May 2002 1:56 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

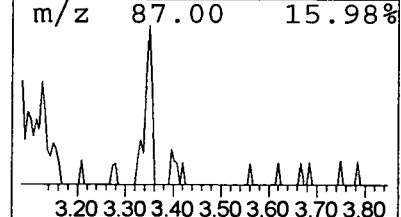
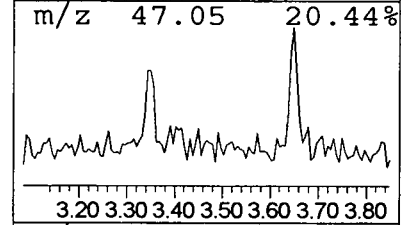
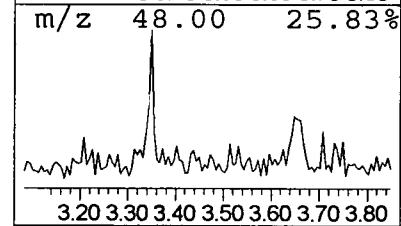
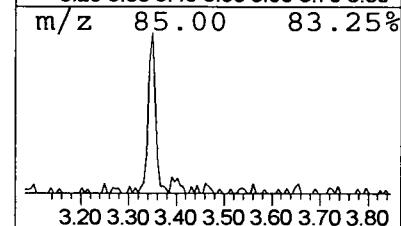
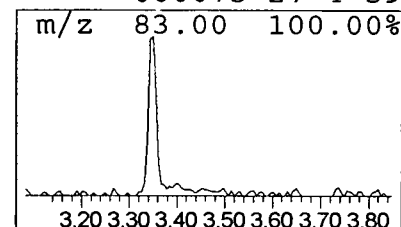
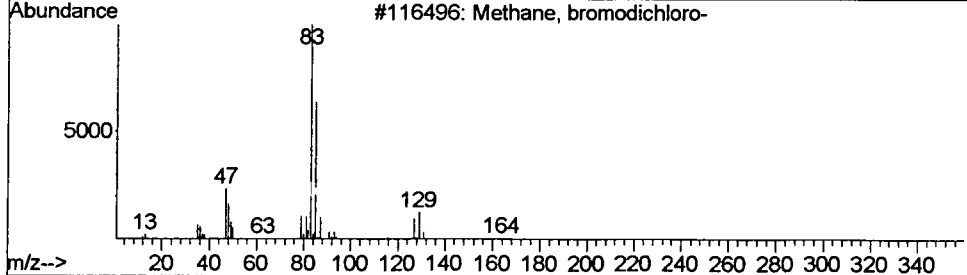
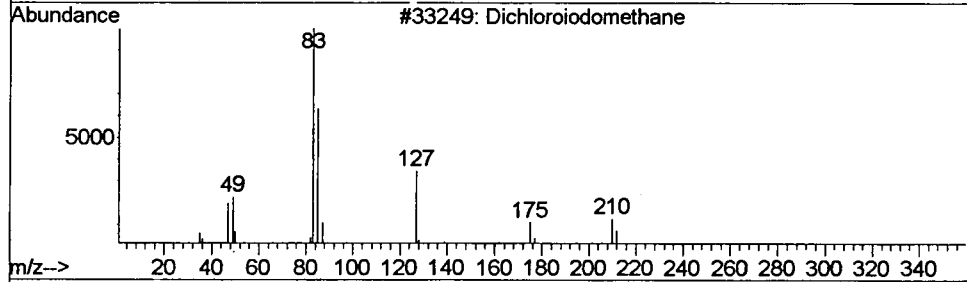
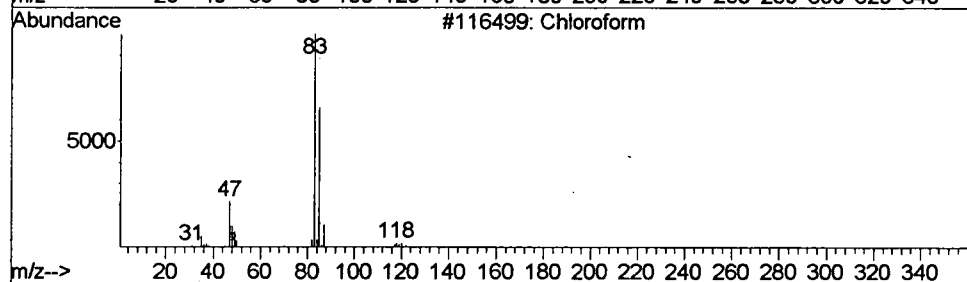
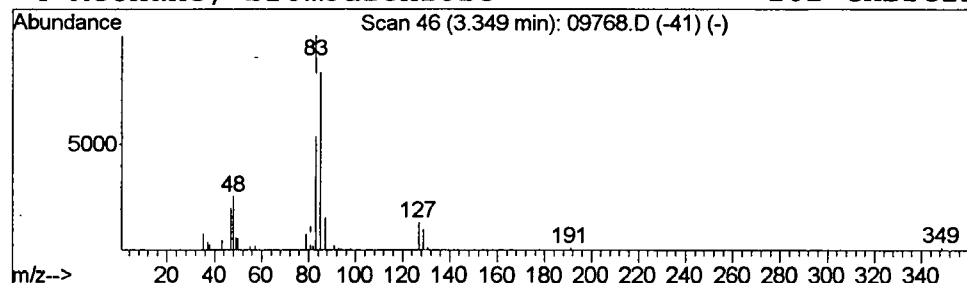
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Chloroform Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.41 ug/l	32200	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroform	118	CHCl3	000067-66-3	72
2	Dichloroiodomethane	210	CHCl2I	000594-04-7	64
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	64
4	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	59



Library Search Compound Report

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Acq On : 8 May 2002 1:56 am
Sample : sample
Misc :
MS Integration Params: rteint.e

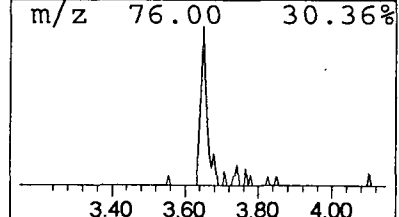
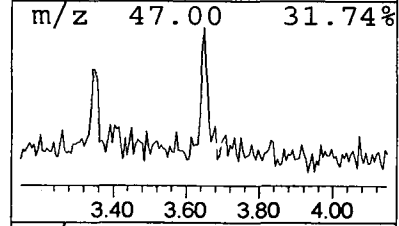
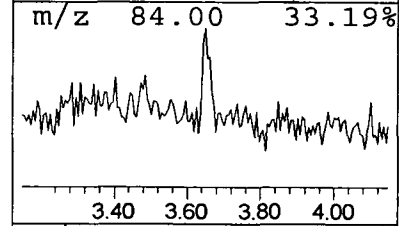
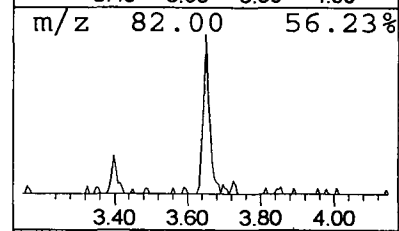
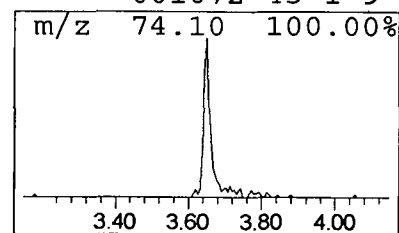
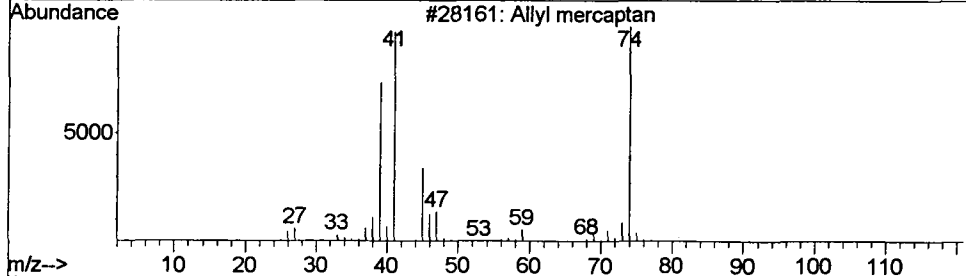
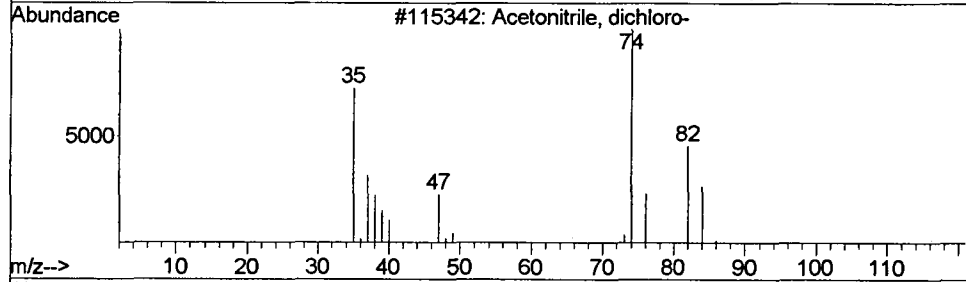
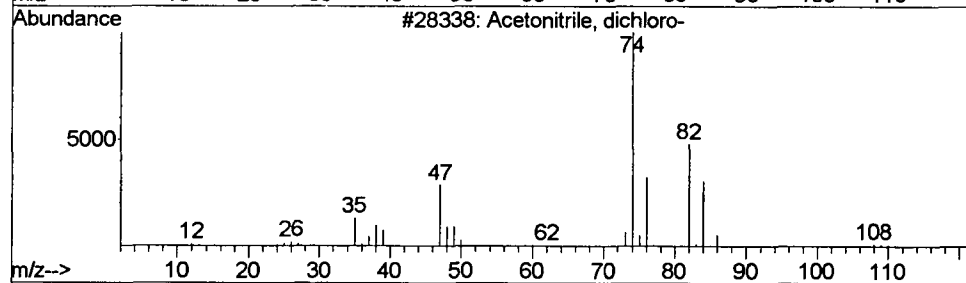
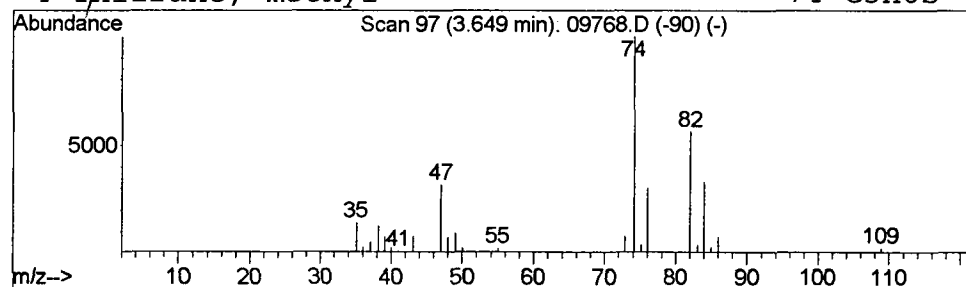
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.65 ug/l	50369	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	91
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3			Allyl mercaptan	74	C3H6S	000870-23-5	25
4			Thiirane, methyl-	74	C3H6S	001072-43-1	9



Library Search Compound Report

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 Sample : sample
 Misc :
 MS Integration Params: rteint.e

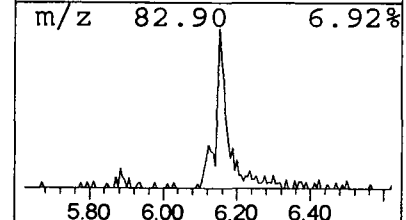
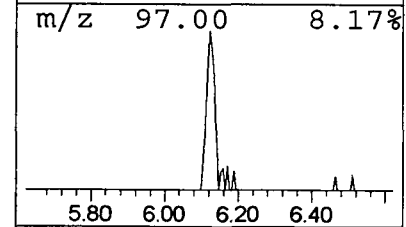
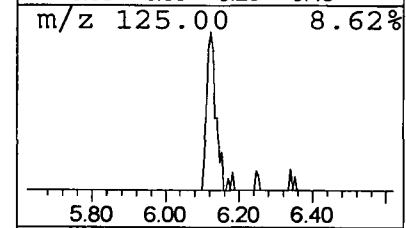
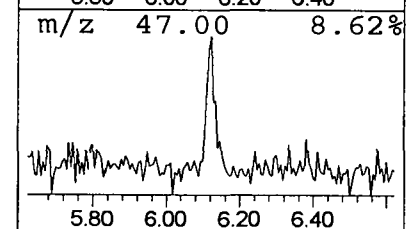
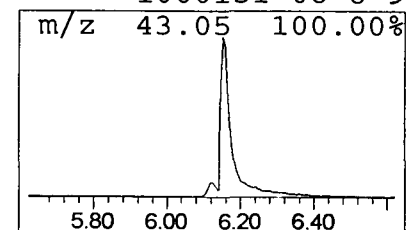
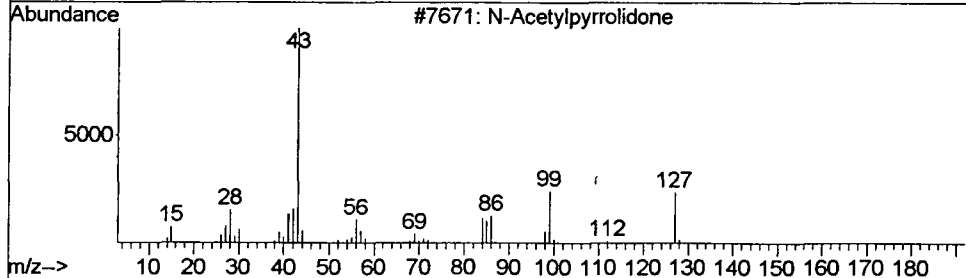
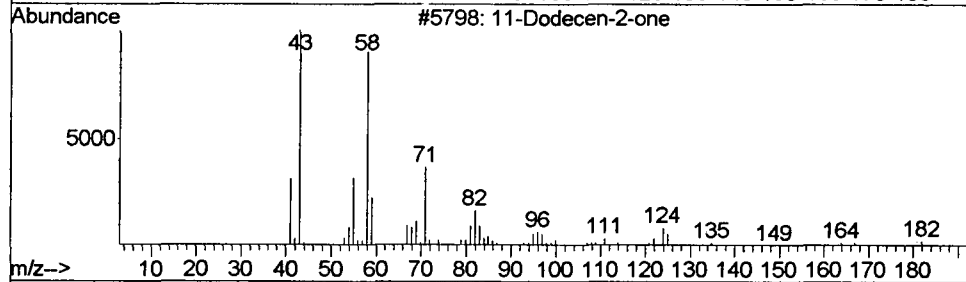
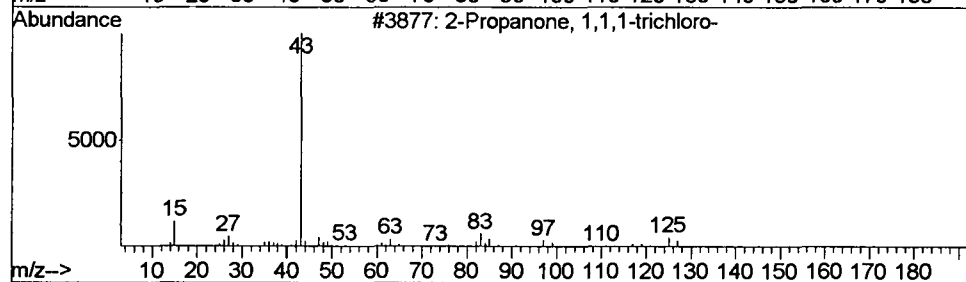
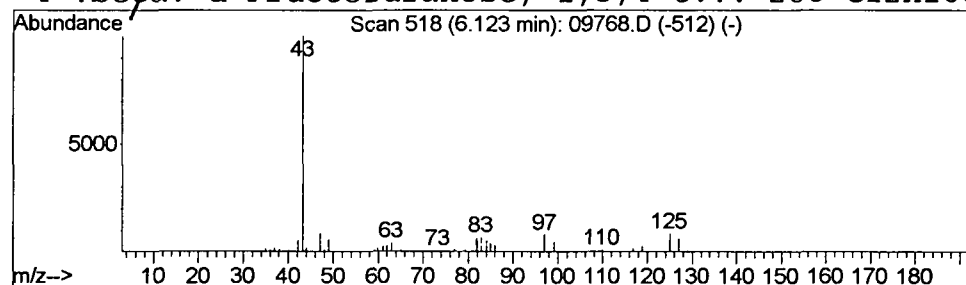
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.89 ug/l	69620	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	59
2			11-Dodecen-2-one	182	C12H22O	005009-33-6	17
3			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
4			.beta.-d-Fructofuranose, 1,3,4-t...	288	C12H16O8	1000151-08-8	9



Library Search Compound Report

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 MS Integration Params: rteint.e

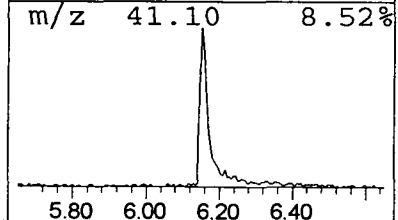
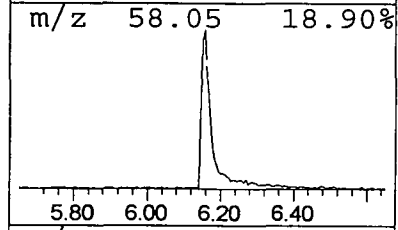
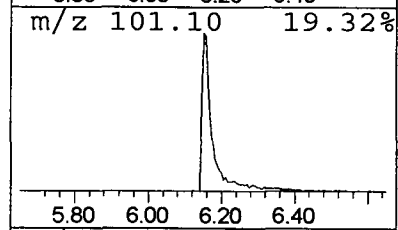
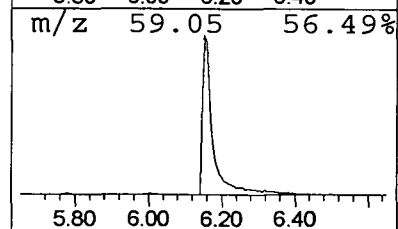
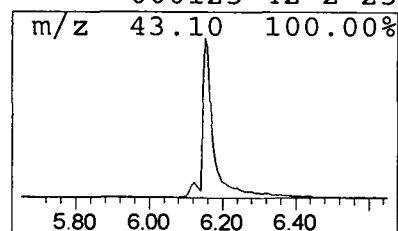
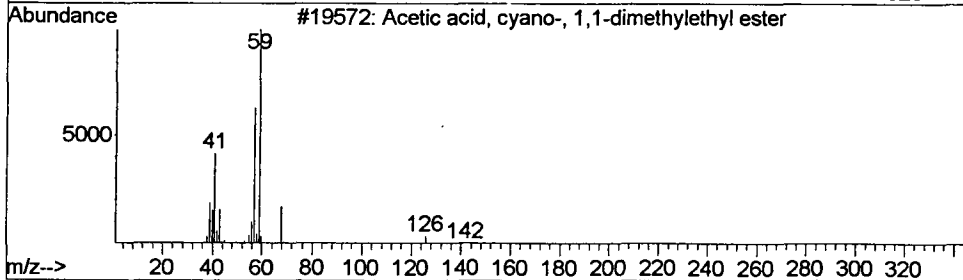
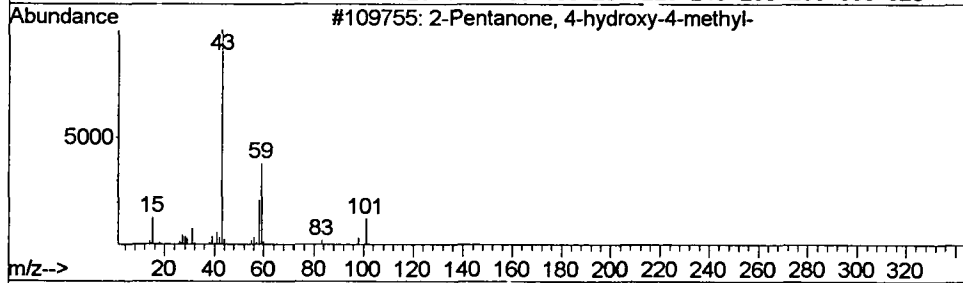
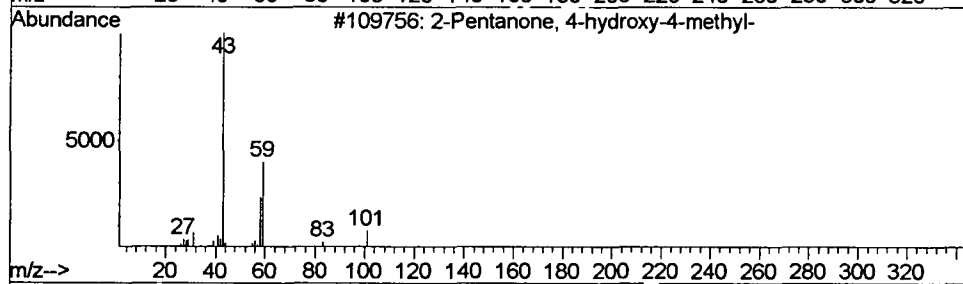
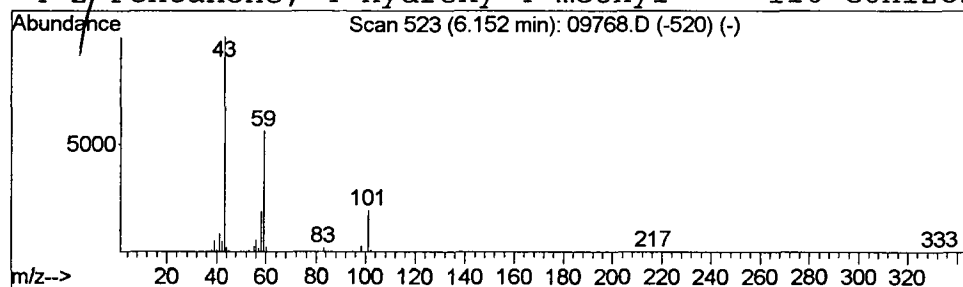
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.15	14.59 ug/l	1138260	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	56
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23



Library Search Compound Report

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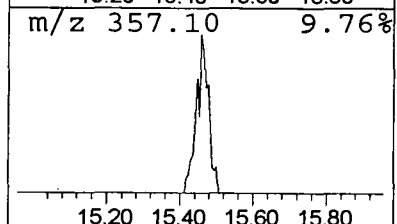
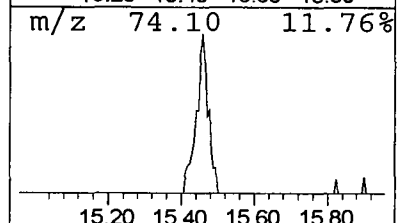
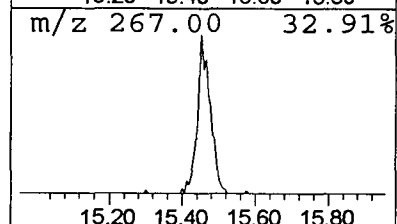
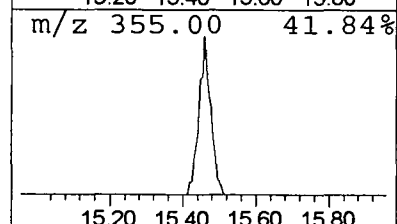
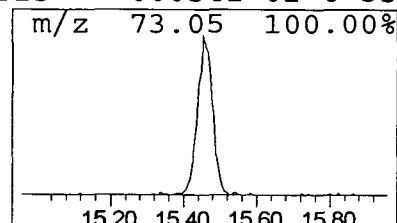
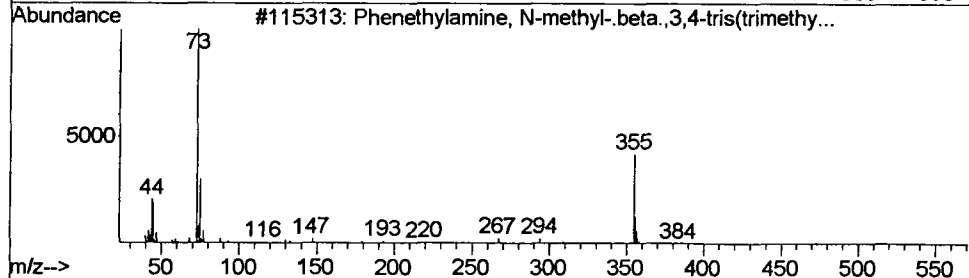
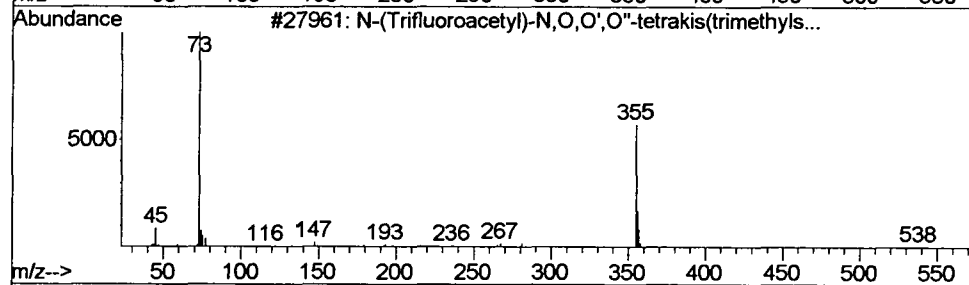
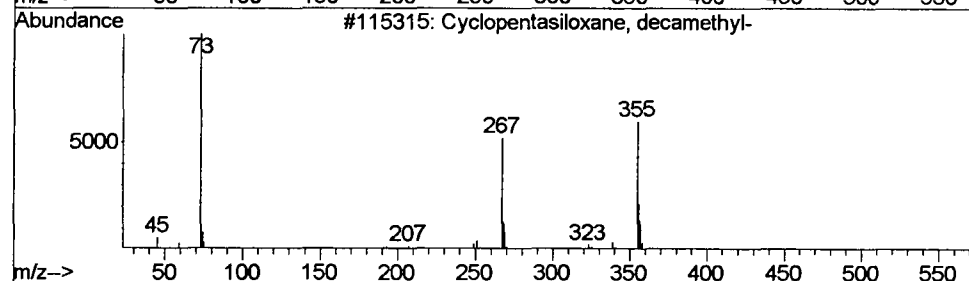
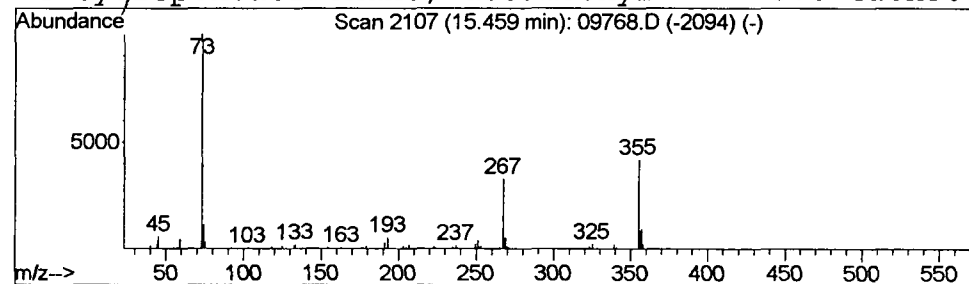
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Cyclopentasiloxane, decamet... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	1.58 ug/l	155938	Naphthalene-d8	16.53

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2			N-(Trifluoroacetyl)-N,O,O',O''-t...	553	C22H42F3NO4Si4	1000072-26-7	47
3			Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	38
4			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	35



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Sample : sample
Misc :
MS Integration Params: rteint.e

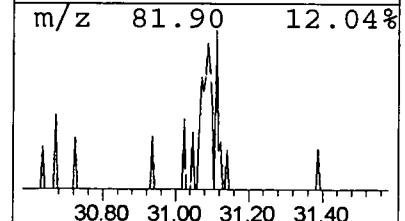
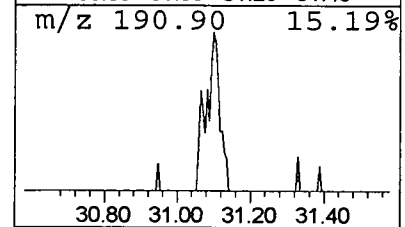
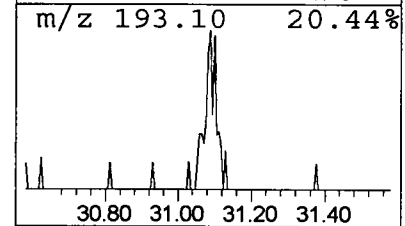
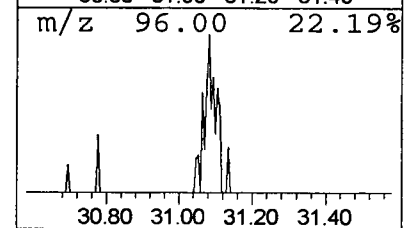
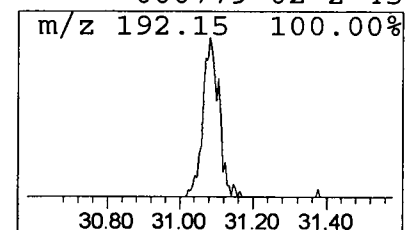
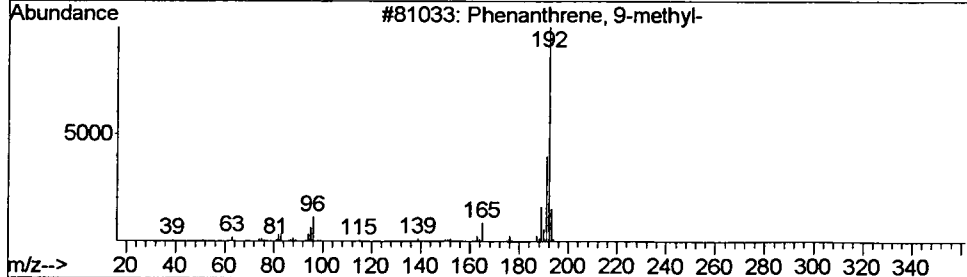
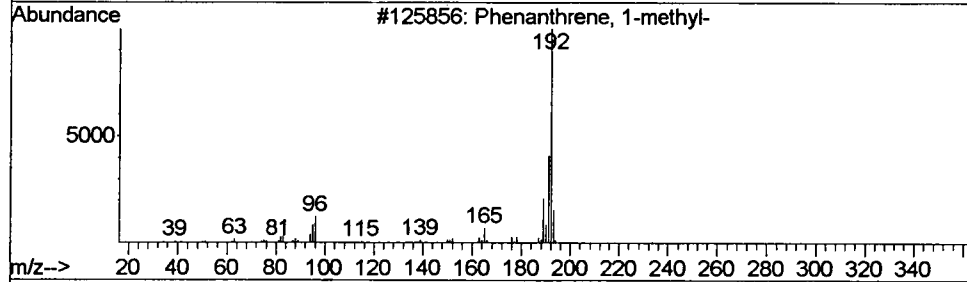
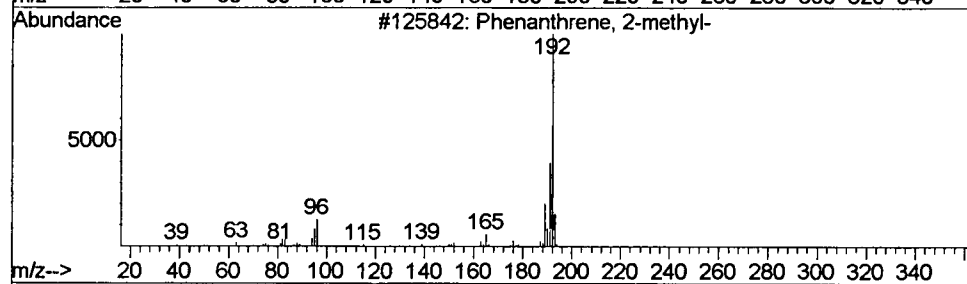
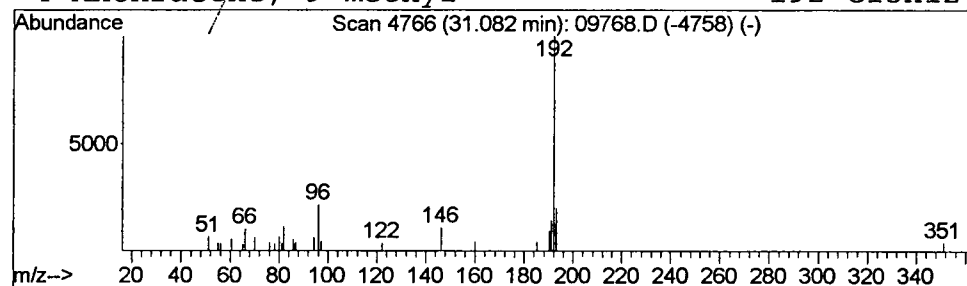
Vial: 15
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.08	0.32 ug/l	35325	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	59
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59
3		Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	45



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020507\09768.D
 Acq On : 8 May 2002 1:56 am
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

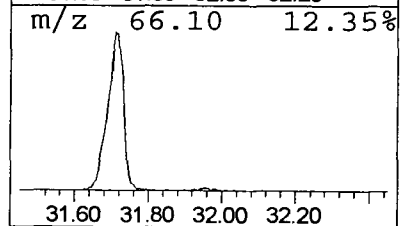
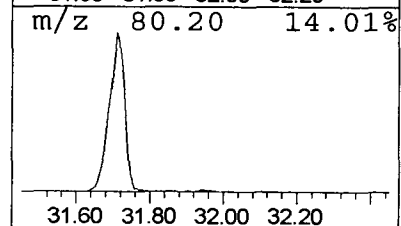
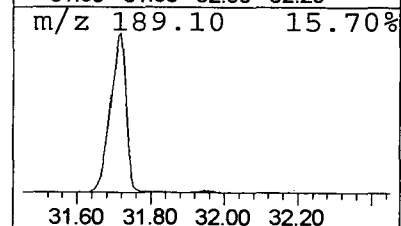
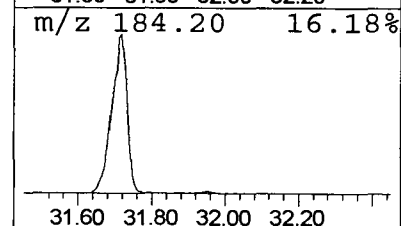
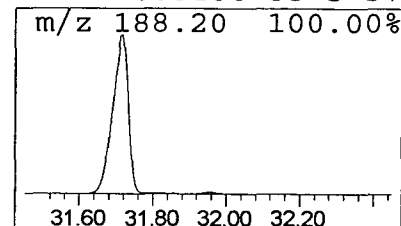
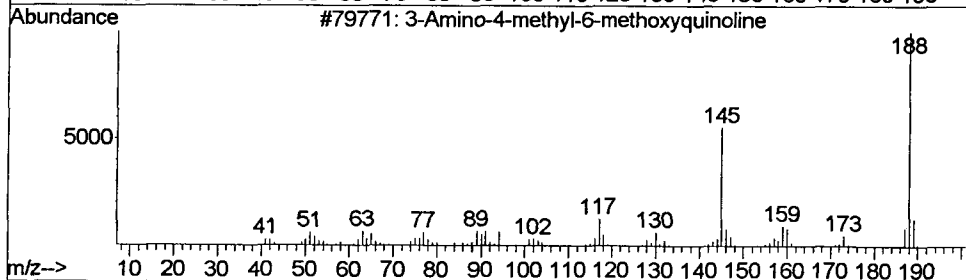
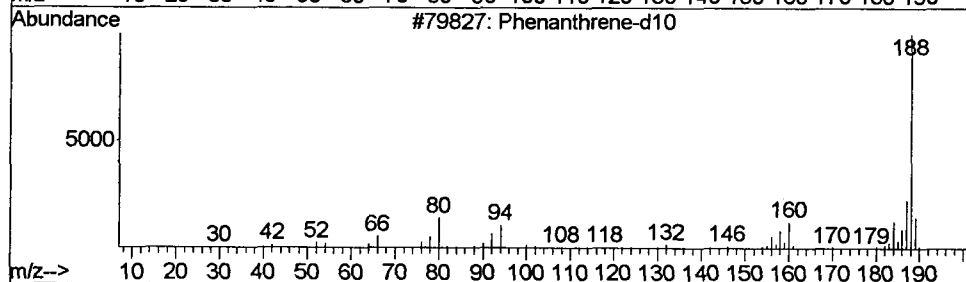
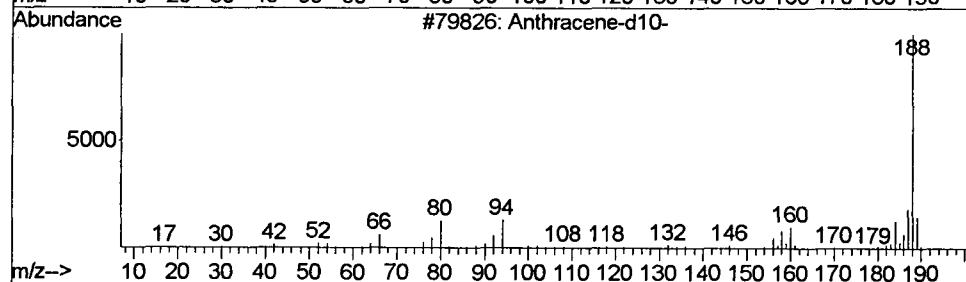
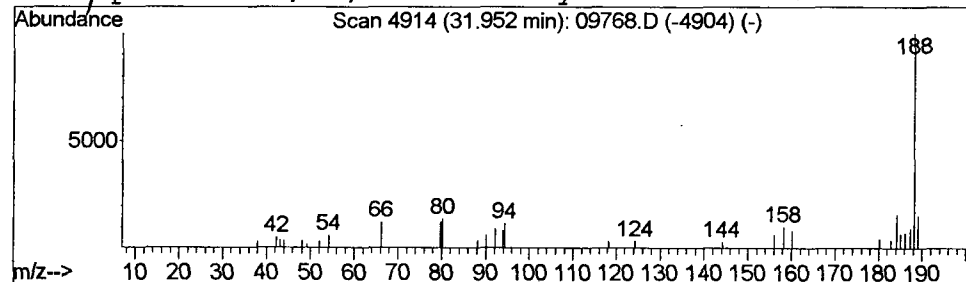
Vial: 15
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 7 Anthracene-d10- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.35 ug/l	38898	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene-d10-	188	C14D10	001719-06-8	90
2		Phenanthrene-d10	188	C14D10	001517-22-2	83
3		3-Amino-4-methyl-6-methoxyquinoline	188	C11H12N2O	1000213-71-3	43
4		Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	37



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 8 May 2002 1:56 am
 Data File: C:\MSDCHEM\1\DATA\020507\09768.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
Chloroform <i>benzene</i>	3.35	0.4	ug/l	32200	1	11.38	3120380	40.0
✓ Acetonitrile, dic...	3.65	0.6	ug/l	50369	1	11.38	3120380	40.0
✓ 2-Propanone, 1,1,...	6.12	0.9	ug/l	69620	1	11.38	3120380	40.0
✓ 2-Pentanone, 4-hy...	6.15	14.6	ug/l	1138260	1	11.38	3120380	40.0
Cyclopentasiloxan...	15.46	1.6	ug/l	155938	2	16.53	3946240	40.0
Phenanthrene, 2-m...	31.08	0.3	ug/l	35325	4	31.72	4396280	40.0
Anthracene-d10-	31.95	0.4	ug/l	38898	4	31.72	4396280	40.0
<i>Phenanthrene-d10</i>								