

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/20/2002 Time: 13:41:51

Sample: AE10698
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/20/02 13:40 Ended: 5/20/02 13:40 Analyst: DLV
Page: 1

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

Comments for Sample AE10698 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-20-2002 Time: 13:42:21

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

Data File : C:\MSDCHEM\1\DATA\020513\10698.D

Acq On : 13 May 2002 8:26 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Quant Time: May 15 08:32:23 2002

Vial: 9

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	407316	40.00	ug/l	-0.01
10) Naphthalene-d8	16.53	136	1523468	40.00	ug/l	-0.04
17) Acenaphthene-d10	24.45	164	812503	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	1403057	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	1144730	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	715394	40.00	ug/l	-0.03
System Monitoring Compounds						
27) TCMX	27.54	207	46910	7.23	ug/l	-0.04
Spiked Amount	10.000		Recovery	=	72.30%	
Target Compounds						
43) Bis(2-ethylhexyl)phthalate	40.52	149	4515	0.18	ug/l	Qvalue 82

(#) = qualifier out of range (m) = manual integration (+) = signals summed
10698.D SCAN020507.M Wed May 15 08:33:33 2002 Page 1

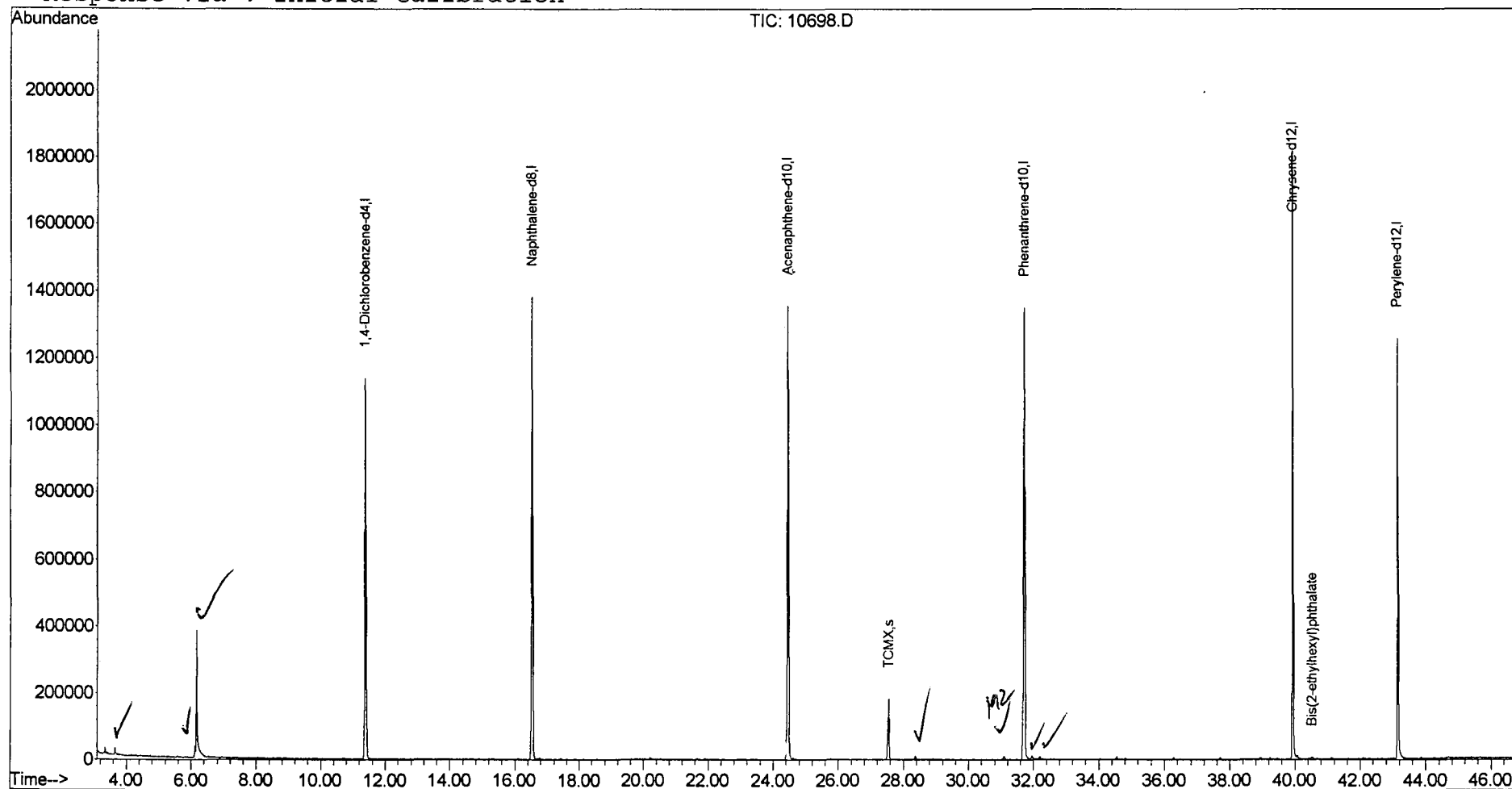
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020513\10698.D
 Acq On : 13 May 2002 8:26 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e
 Quant Time: May 15 8:33 2002

Vial: 9
 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\10698.D

Acq On : 13 May 2002 8:26 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

Title : Method 508 GC/MS Scan

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 0.7 % 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

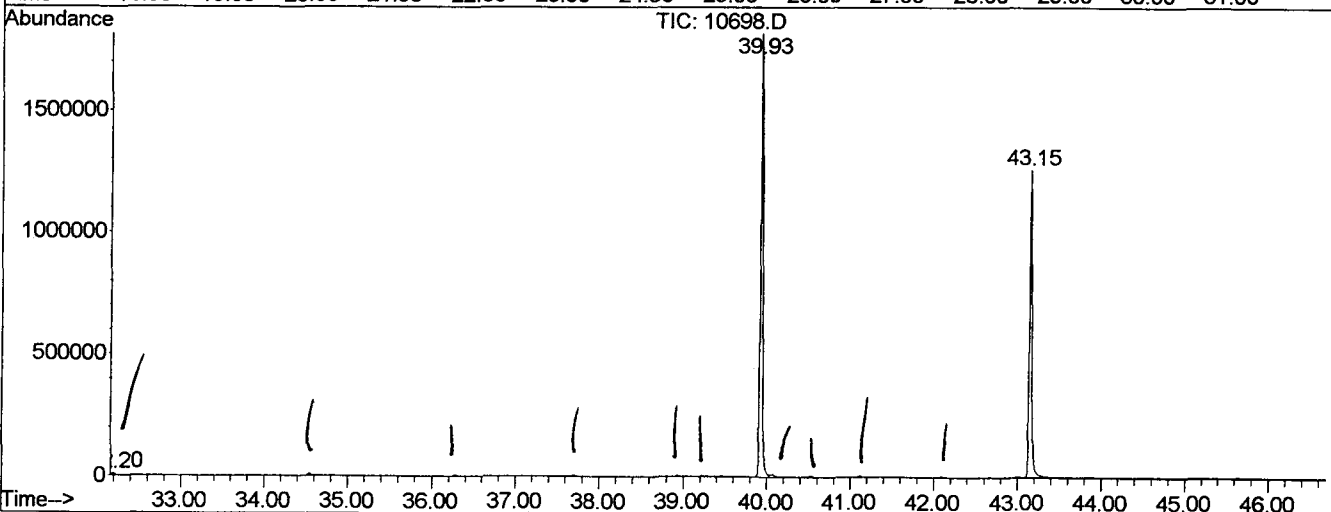
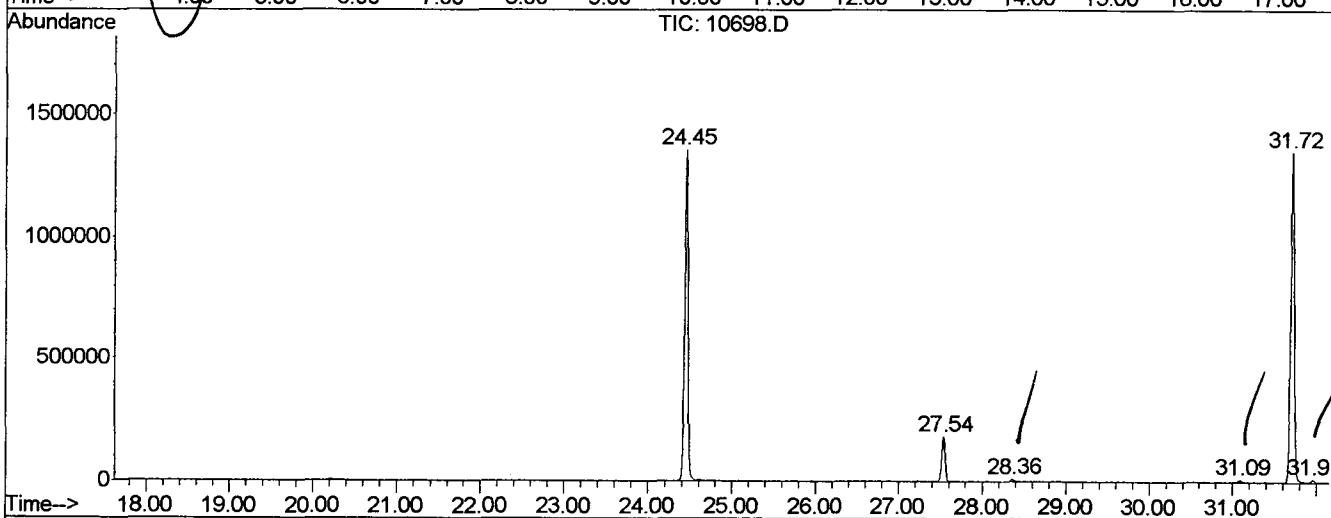
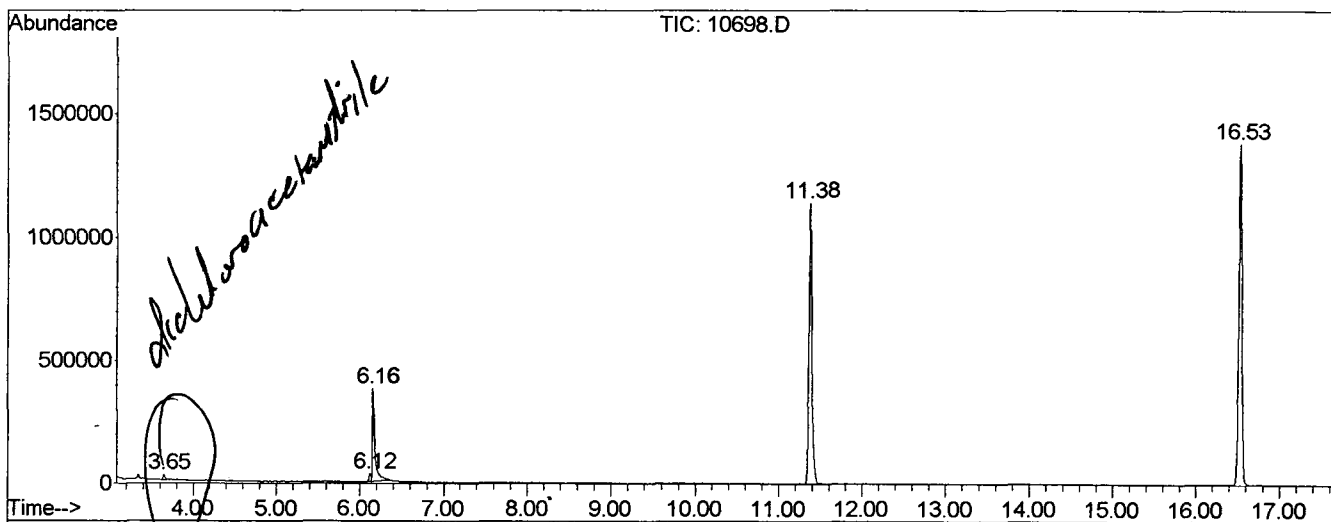
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.649	92	97	104	rBV3	19958	30075	0.76%	0.140%
2	6.123	512	518	521	rBV	33880	60523	1.53%	0.281%
3	6.158	521	524	557	rVB	377720	764367	19.28%	3.546%
4	11.375	1401	1412	1435	rBV	1137215	2827091	71.32%	13.116%
5	16.534	2270	2290	2310	rBV	1380963	3552717	89.63%	16.483%
6	24.454	3623	3638	3657	rBV	1355517	3712516	93.66%	17.224%
7	27.539	4150	4163	4175	rBV4	181792	499236	12.60%	2.316%
8	28.356	4292	4302	4314	rBV4	9820	28519	0.72%	0.132%
9	31.094	4757	4768	4778	rVB3	10078	28560	0.72%	0.133%
10	31.717	4855	4874	4898	rBV2	1349841	3963697	100.00%	18.390%
11	31.952	4906	4914	4932	rVB4	12238	39096	0.99%	0.181%
12	32.199	4939	4956	4967	rVB4	8683	29263	0.74%	0.136%
13	39.931	6259	6272	6288	rBV2	1815704	3495337	88.18%	16.217%
14	43.151	6809	6820	6845	rBV2	1256115	2522828	63.65%	11.705%

Sum of corrected areas: 21553825

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020513\10698.D
Operator : Nefliu
Acquired : 13 May 2002 8:26 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 9
Quant File :SCAN020507.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\020513\10698.D
Acq On : 13 May 2002 8:26 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

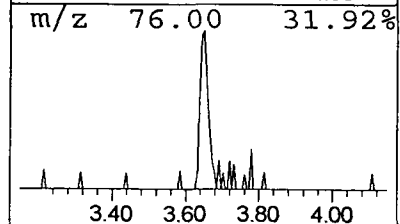
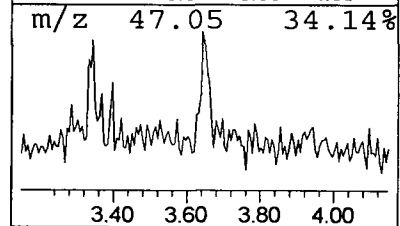
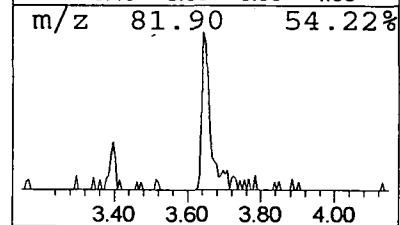
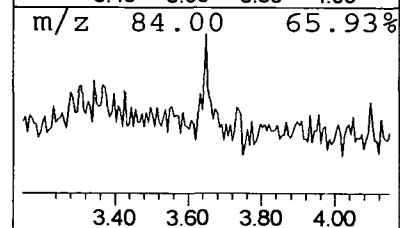
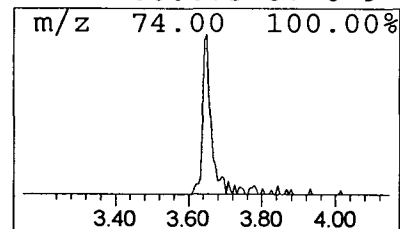
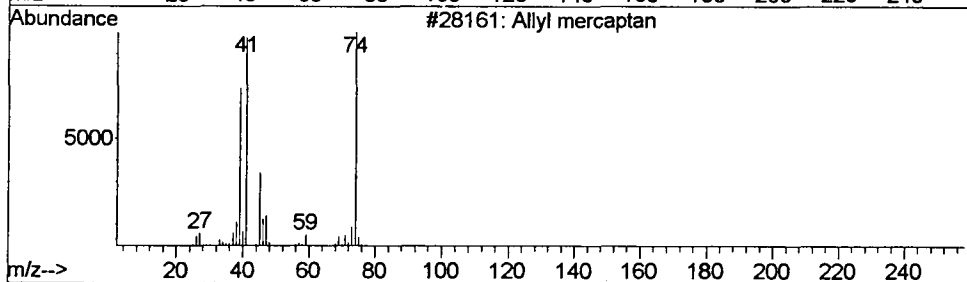
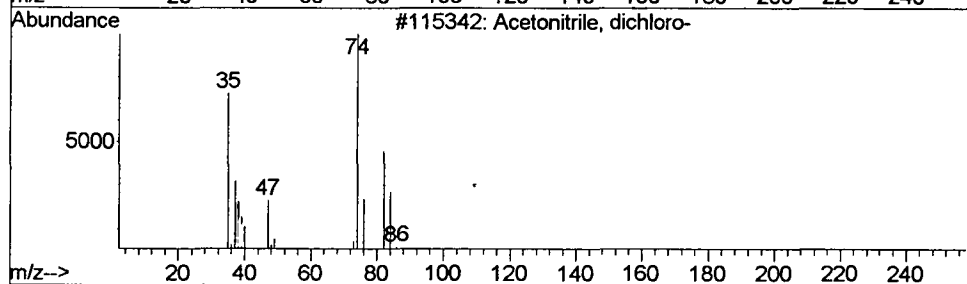
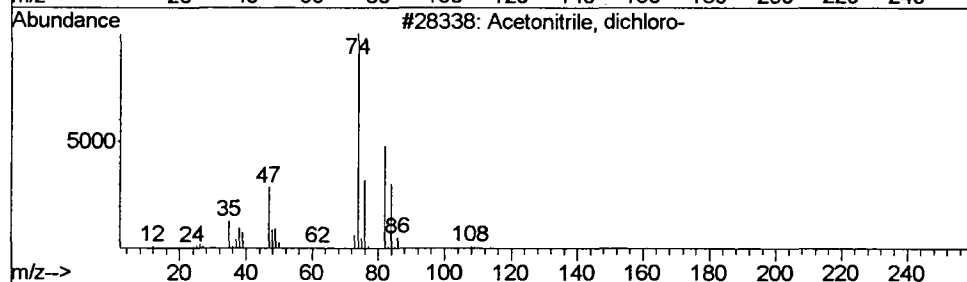
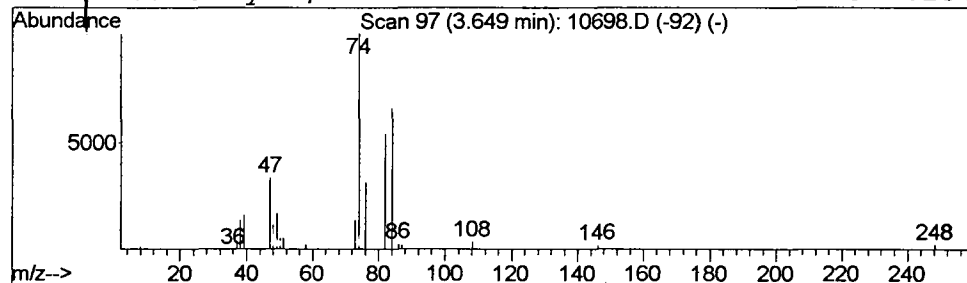
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.43 ug/l	30075	1,4-Dichlorobenzene-d4	11.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	56
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	50
3			Allyl mercaptan	74	C3H6S	000870-23-5	9
4			Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	9



Data File : C:\MSDCHEM\1\DATA\020513\10698.D
 Acq On : 13 May 2002 8:26 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

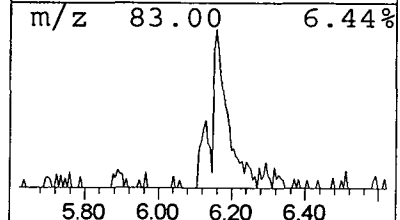
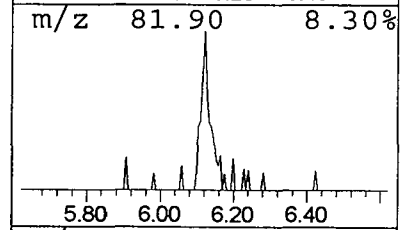
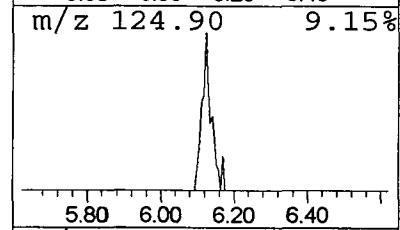
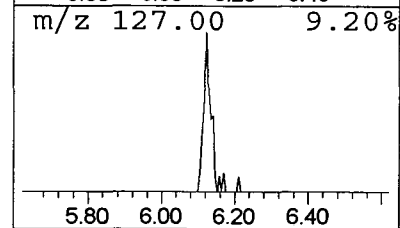
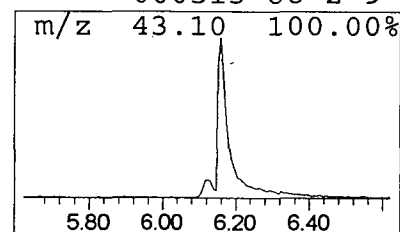
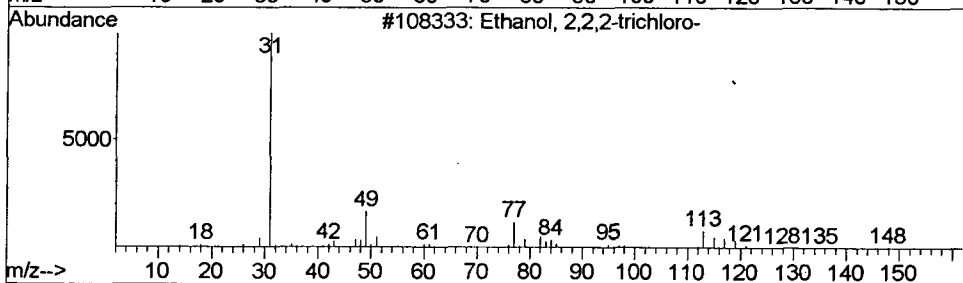
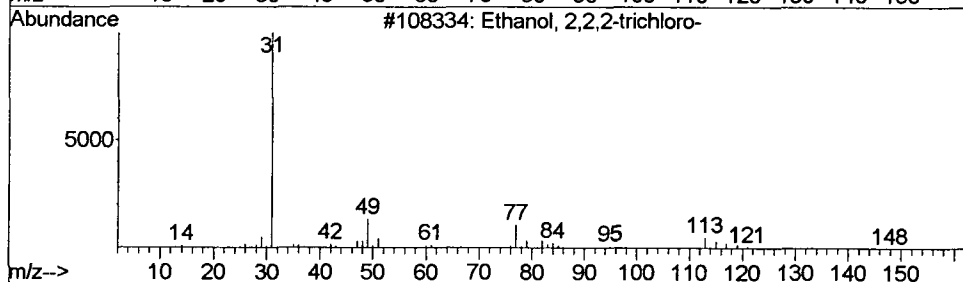
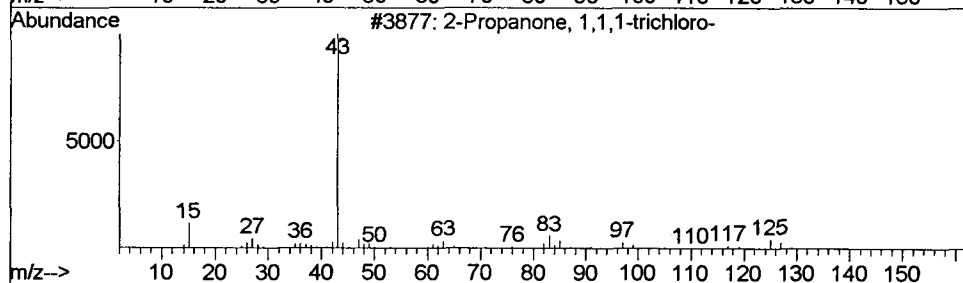
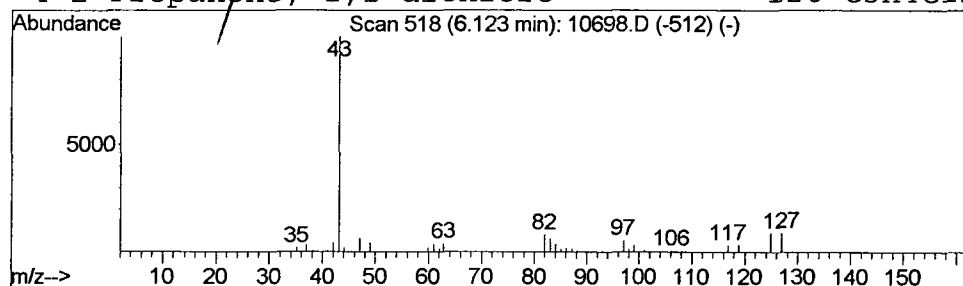
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.86 ug/l	60523	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1	5	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	56
2		Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	12
3		Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4		2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Data File : C:\MSDCHEM\1\DATA\020513\10698.D
Acq On : 13 May 2002 8:26 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

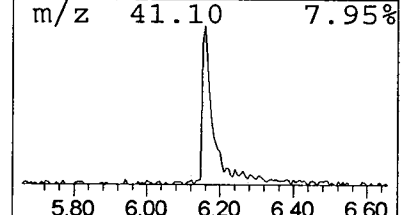
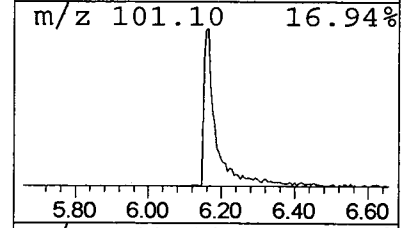
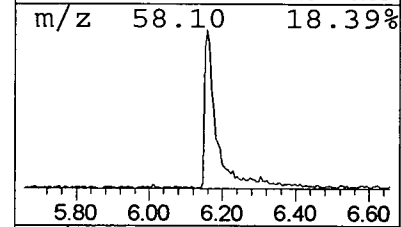
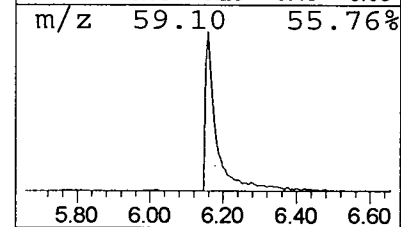
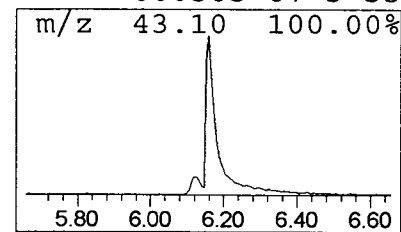
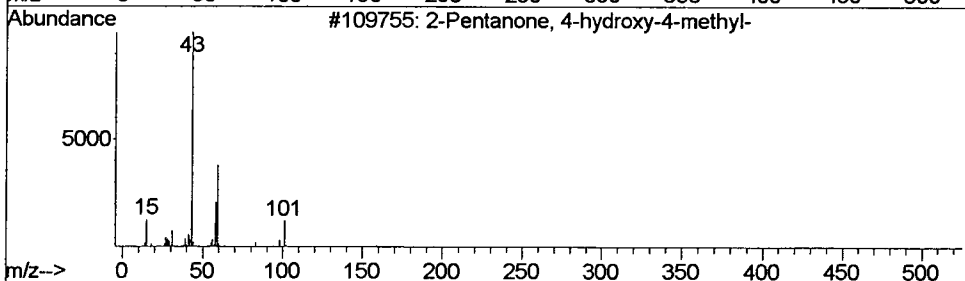
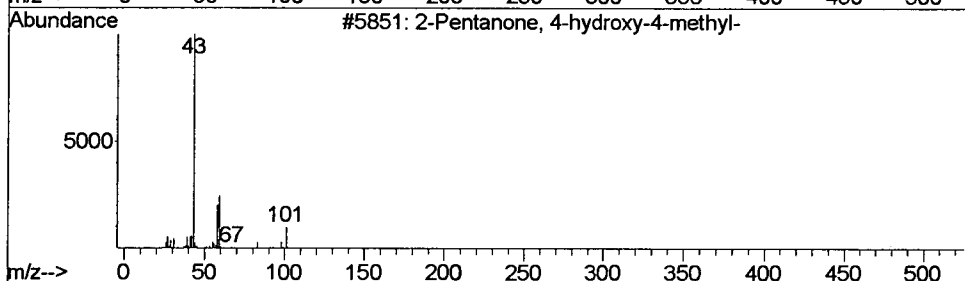
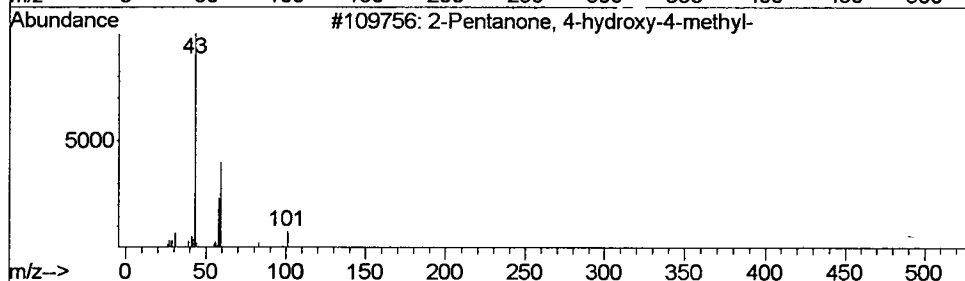
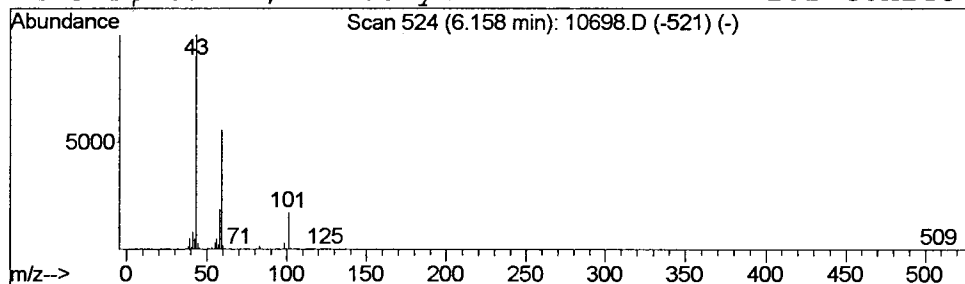
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	10.81 ug/l	764367	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	50
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4			3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	33



Data File : C:\MSDCHEM\1\DATA\020513\10698.D
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 Sample : sample
 Misc :
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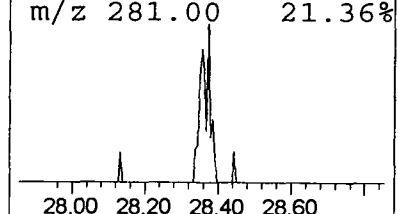
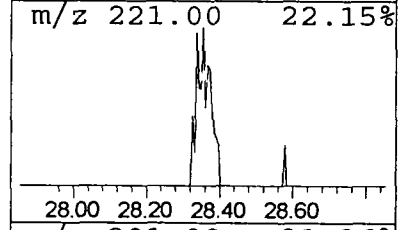
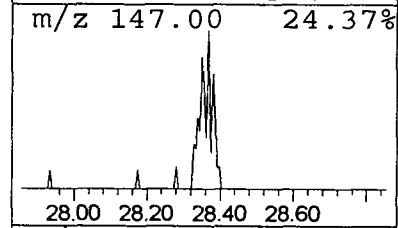
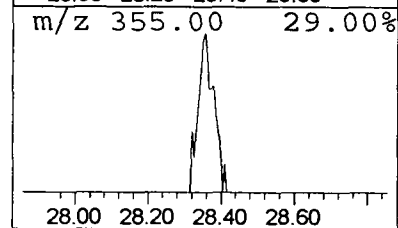
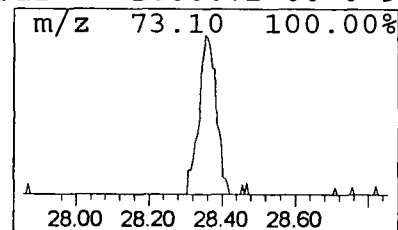
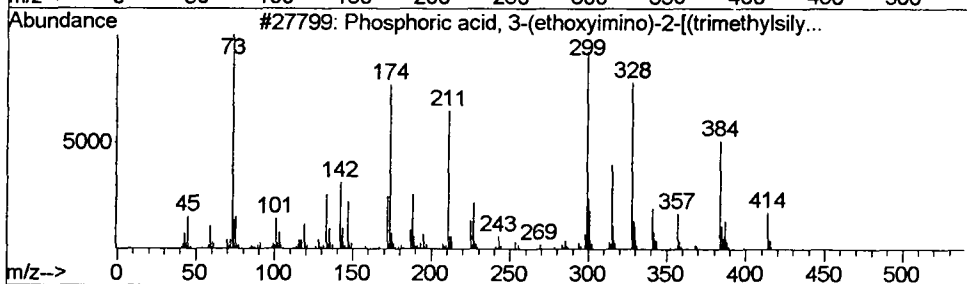
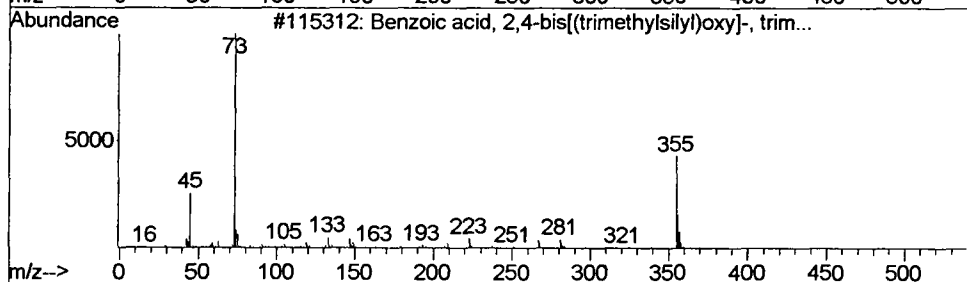
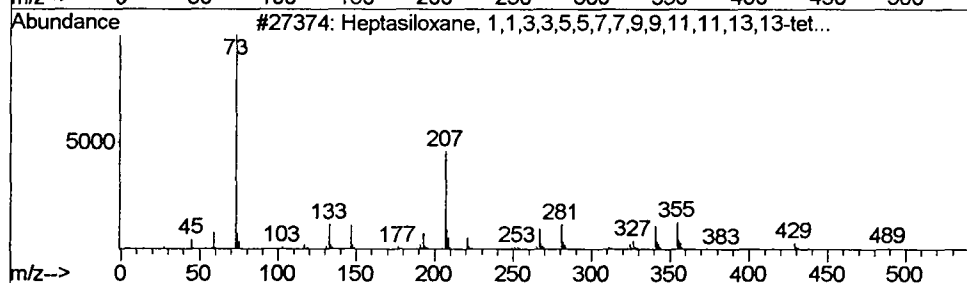
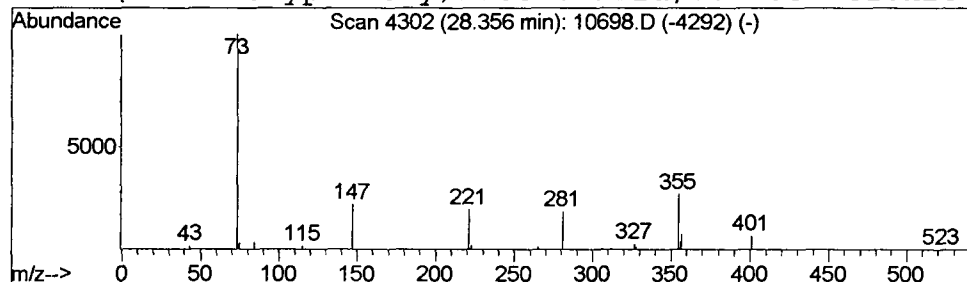
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 Heptasiloxane, 1,1,3,3,5,5,... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.36	0.29 ug/l	28519	Phenanthrene-d10	31.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptasiloxane, 1,1,3,3,5,5,7,7,9...	504	C14H44O6Si7	019095-23-9	38
2		Benzoic acid, 2,4-bis[(trimethyl...	370	C16H30O4Si3	010586-16-0	25
3		Phosphoric acid, 3-(ethoxyimino)...	429	C14H36NO6PSi3	055334-96-8	10
4		3-(2-Methoxyphenoxy)lactic acid,...	356	C16H28O5Si2	1000072-00-0	9



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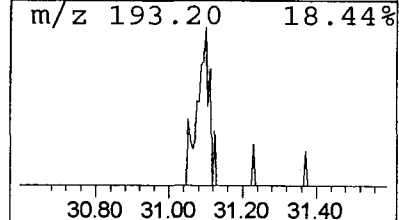
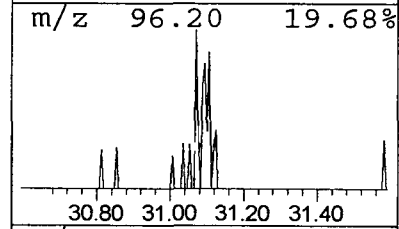
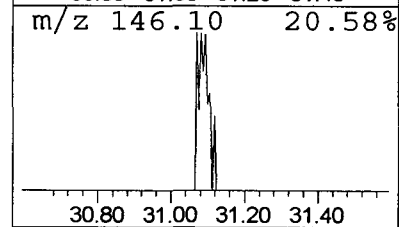
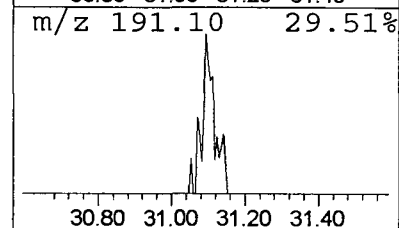
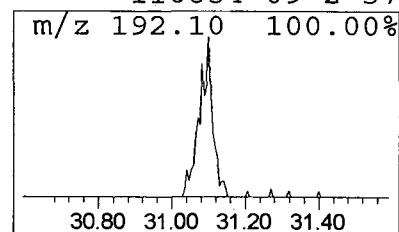
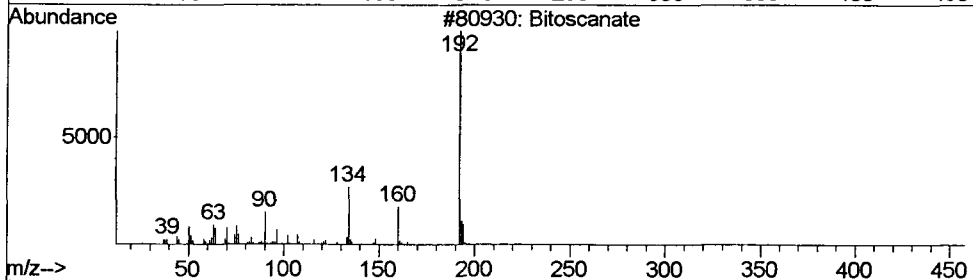
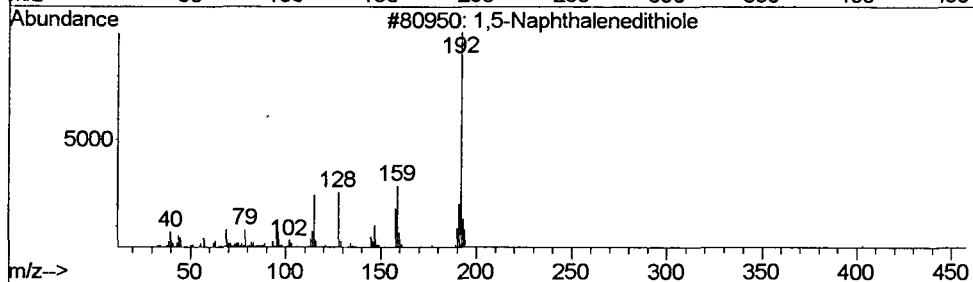
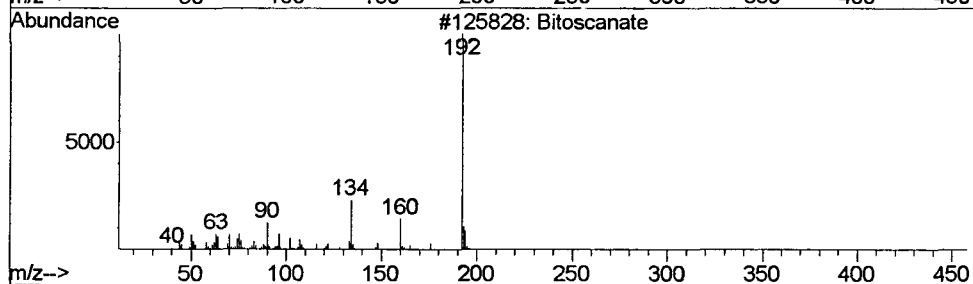
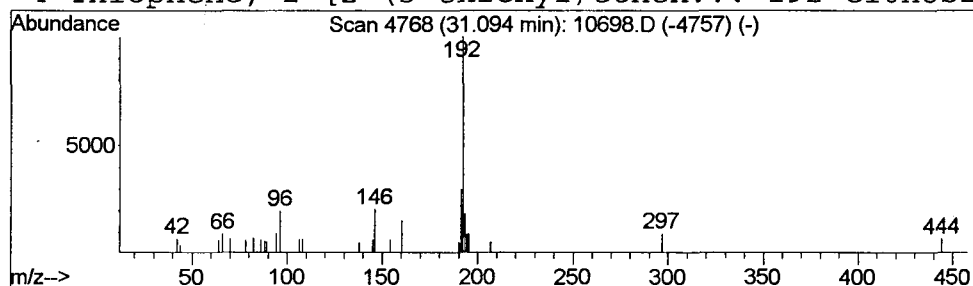
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 5 Bitoscanate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.29 ug/l	28560	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bitoscanate	192	C8H4N2S2	004044-65-9	43
2			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	40
3			Bitoscanate	192	C8H4N2S2	004044-65-9	37
4			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	37



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Misc :
MS Integration Params: rteint.e

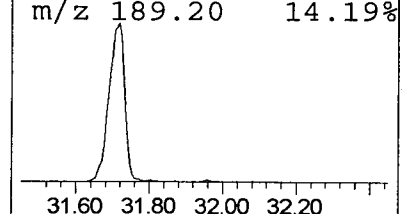
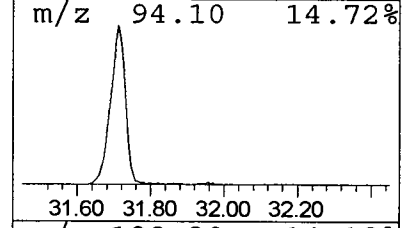
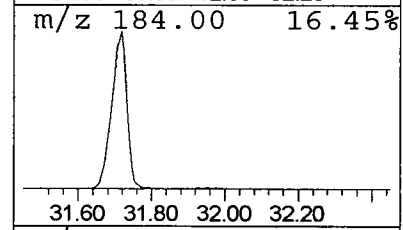
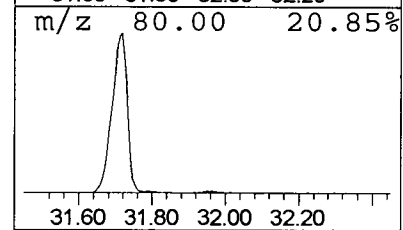
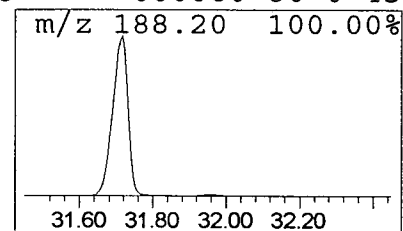
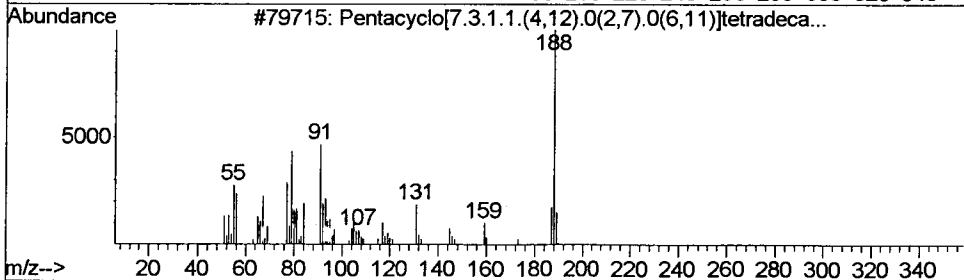
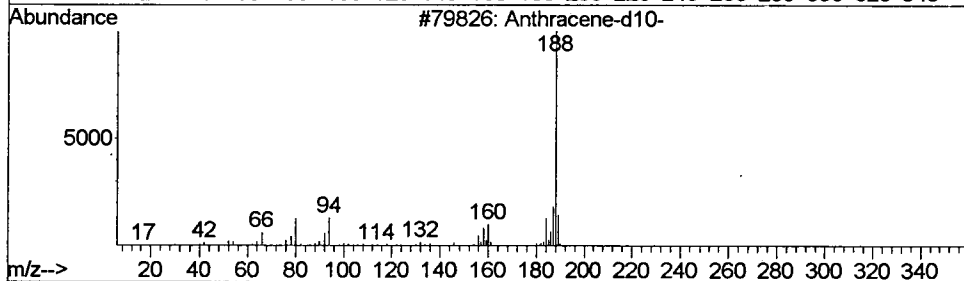
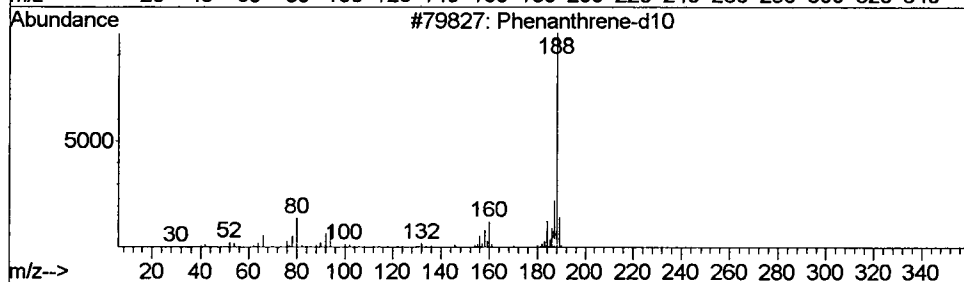
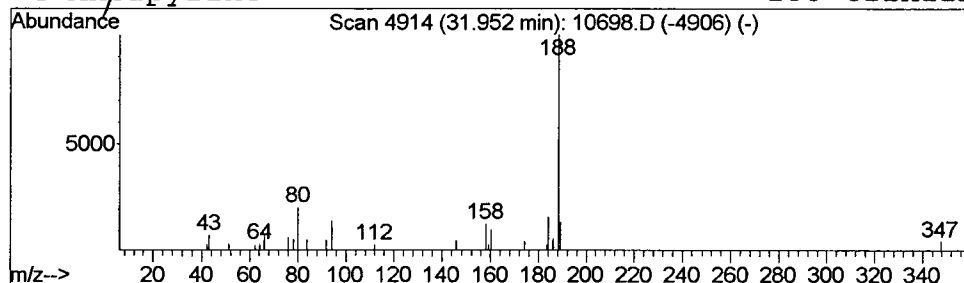
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.39 ug/l	39096	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10		188	C14D10	001517-22-2	91
2	Anthracene-d10-		188	C14D10	001719-06-8	90
3	Pentacyclo[7.3.1.1.(4,12).0(2,7)...]		188	C14H20	1000215-61-8	53
4	Antipyrine		188	C11H12N2O	000060-80-0	43



.Data File : C:\MSDCHEM\1\DATA\020513\10698.D

Acq On : 13 May 2002 8:26 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 9

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

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

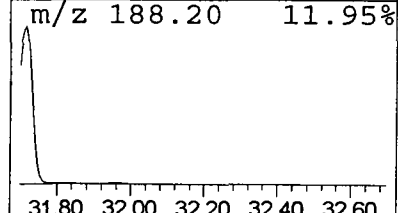
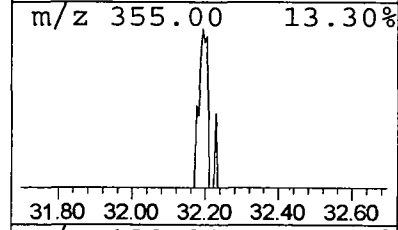
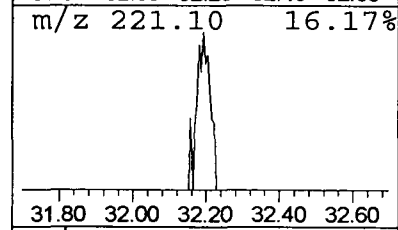
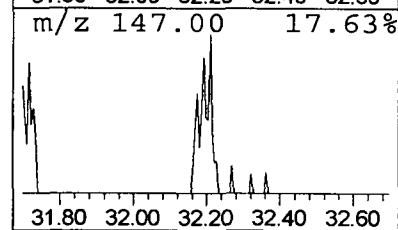
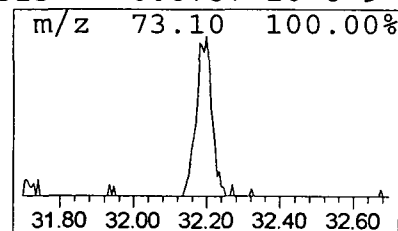
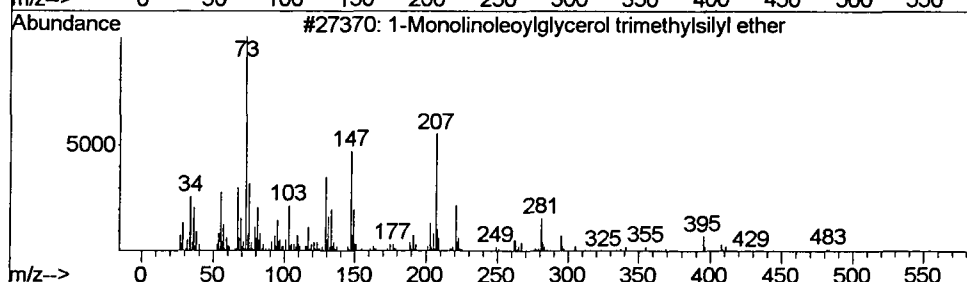
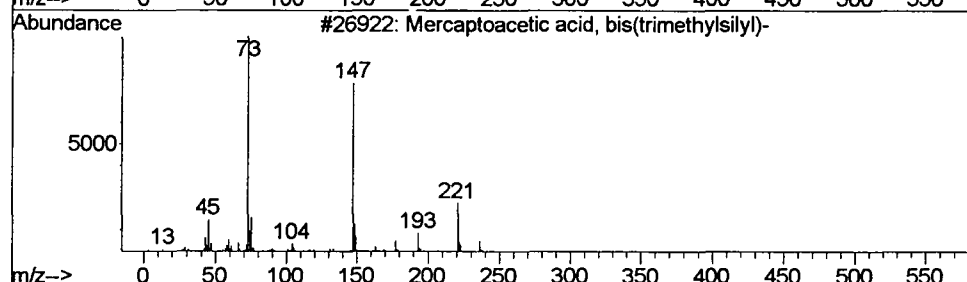
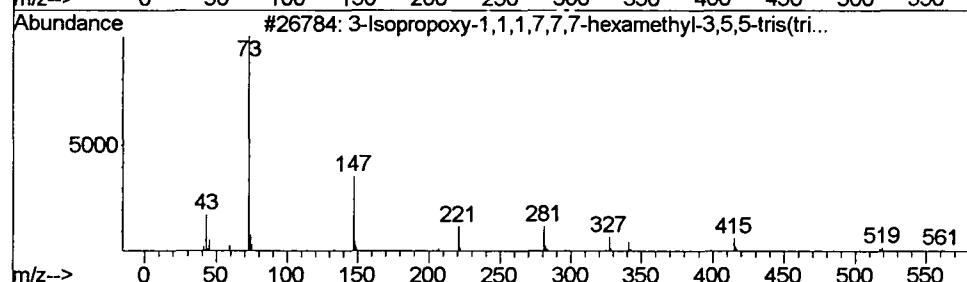
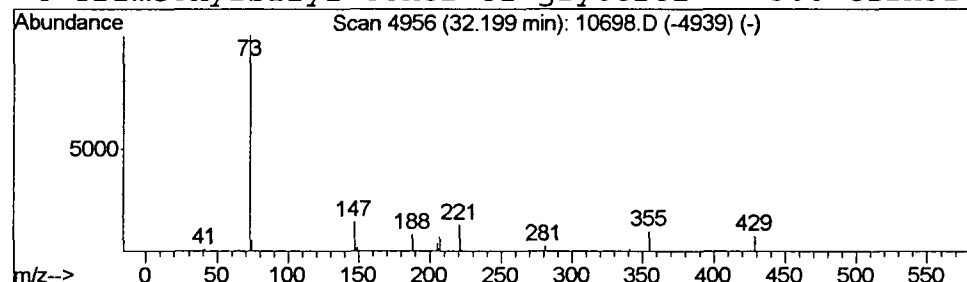
Title : Method 508 GC/MS Scan

Library : C:\DATABASE\nist98.1

Peak Number 7 3-Isopropoxy-1,1,1,7,7,7-he... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.20	0.30 ug/l	29263	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Isopropoxy-1,1,1,7,7,7-hexamet...	576	C18H52O7Si7	071579-69-6	17
2			Mercaptoacetic acid, bis(trimeth...	236	C8H20O2SSi2	006398-62-5	10
3			1-Monolinoleoylglycerol trimethy...	498	C27H54O4Si2	054284-45-6	9
4			Trimethylsilyl ether of glycerol	308	C12H32O3Si3	006787-10-6	9



Operator ID: Nefliu Date Acquired: 13 May 2002 8:26 pm
 Data File: C:\MSDCHEM\1\DATA\020513\10698.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	0.4	ug/l	30075	1	11.38	2827090	40.0
✓ 2-Propanone, 1,1,...	6.12	0.9	ug/l	60523	1	11.38	2827090	40.0
✓ 2-Pentanone, 4-hy...	6.16	10.8	ug/l	764367	1	11.38	2827090	40.0
1 Heptasiloxane, 1,...	28.36	0.3	ug/l	28519	4	31.72	3963700	40.0
Bitoscanate	31.09	0.3	ug/l	28560	4	31.72	3963700	40.0
✓ Phenanthrene-d10	31.95	0.4	ug/l	39096	4	31.72	3963700	40.0
3-Isopropoxy-1,1,...	32.20	0.3	ug/l	29263	4	31.72	3963700	40.0