

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 05/07/2002 Time: 10:58:53

Sample: AE08958
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 5/7/02 10:58 Ended: 5/7/02 10:58 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE08958 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 10:59:21

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: events.e
 Quant Time: Apr 26 09:38:13 2002

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

Quant Results File: SCAN020424.RE

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed Apr 24 08:54:34 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	9562456	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	37400994	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	20899298	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	31154219	40.00	ug/l	-0.02
38) Chrysene-d12	39.94	240	24786854	40.00	ug/l	-0.04
44) Perylene-d12	43.16	264	16834507	40.00	ug/l	-0.02

System Monitoring Compounds

27) TCMX	27.54	207	996135	8.47	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	84.70%	

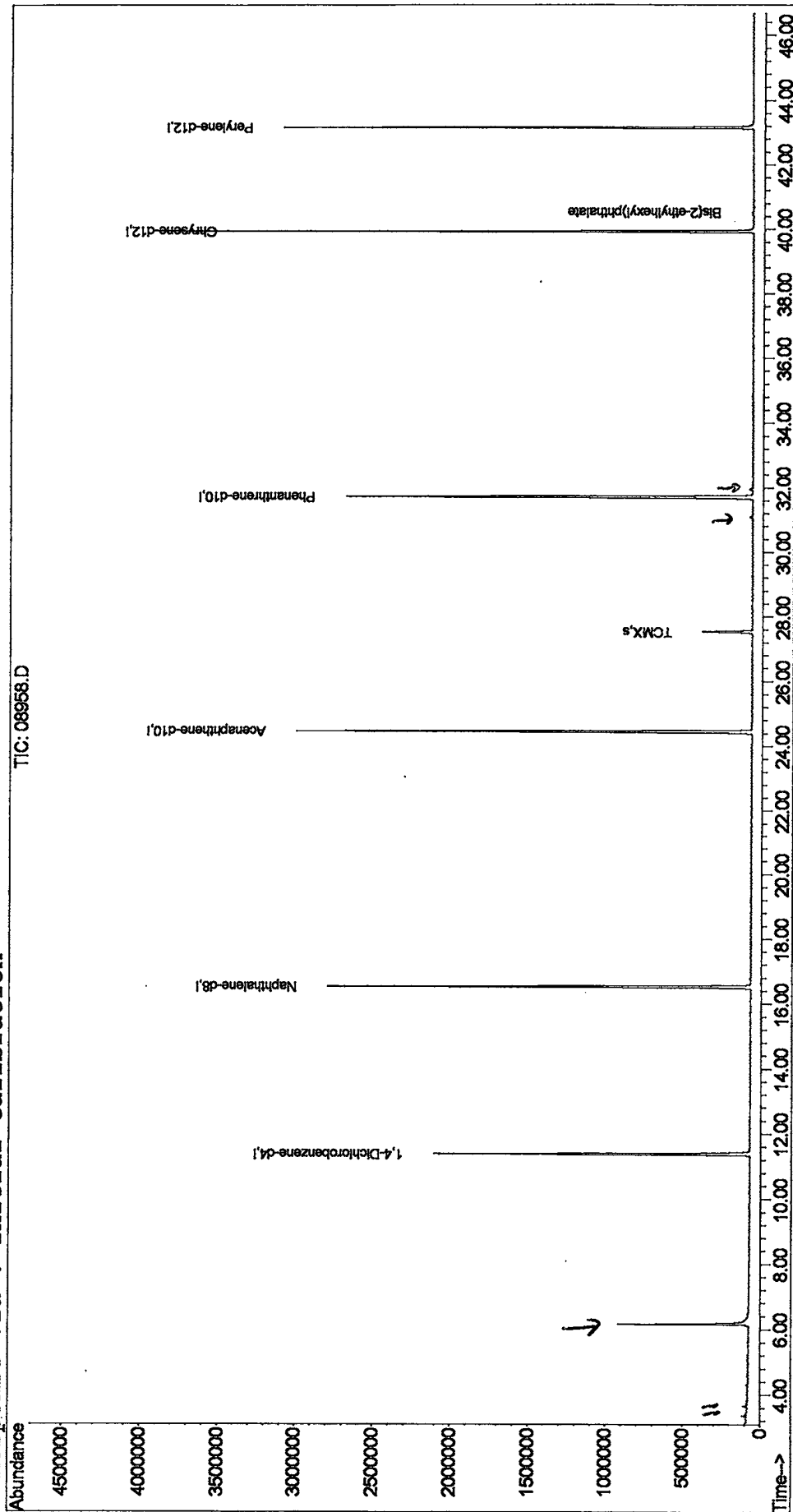
Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.53	149	70084	0.16	ug/l	Qvalue 99
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed
 08958.D SCAN020424.M Fri Apr 26 09:42:35 2002 Page 1

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: events.e
 Quant Time: Apr 26 9:42 2002
 Quant Results File: SCAN020424.RES
 Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Last Update : Wed Apr 24 08:54:34 2002
 Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

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

Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (RTE Integrator)
 Title : Method 508 GC/MS Scan
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 5 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

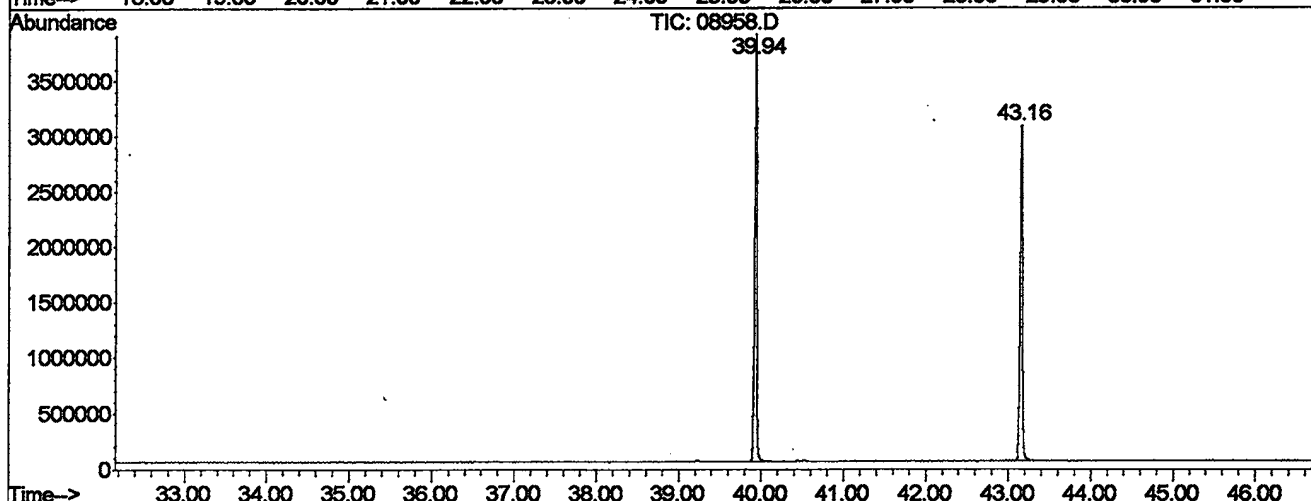
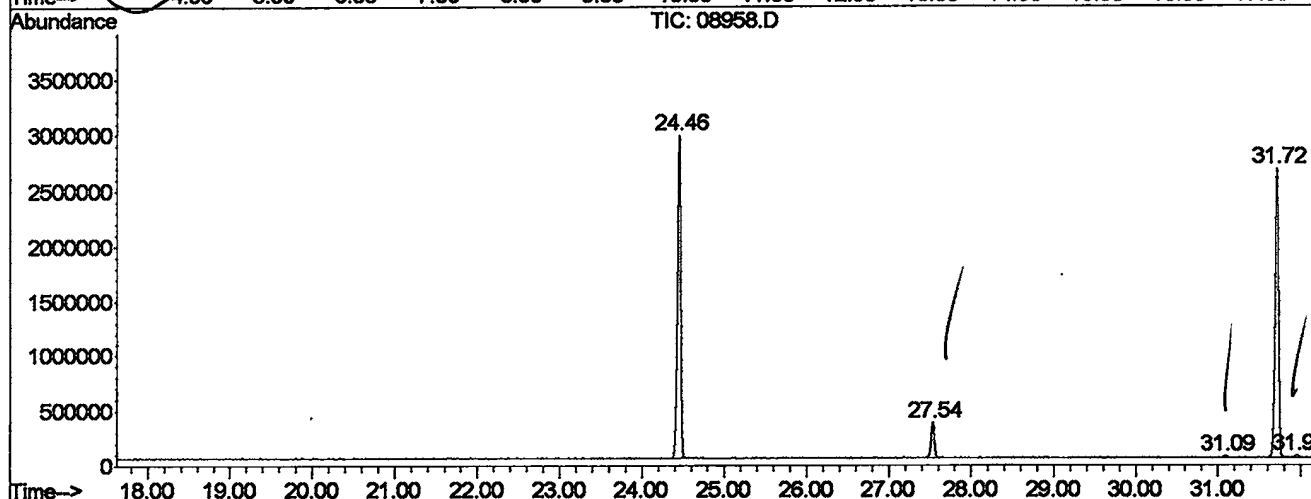
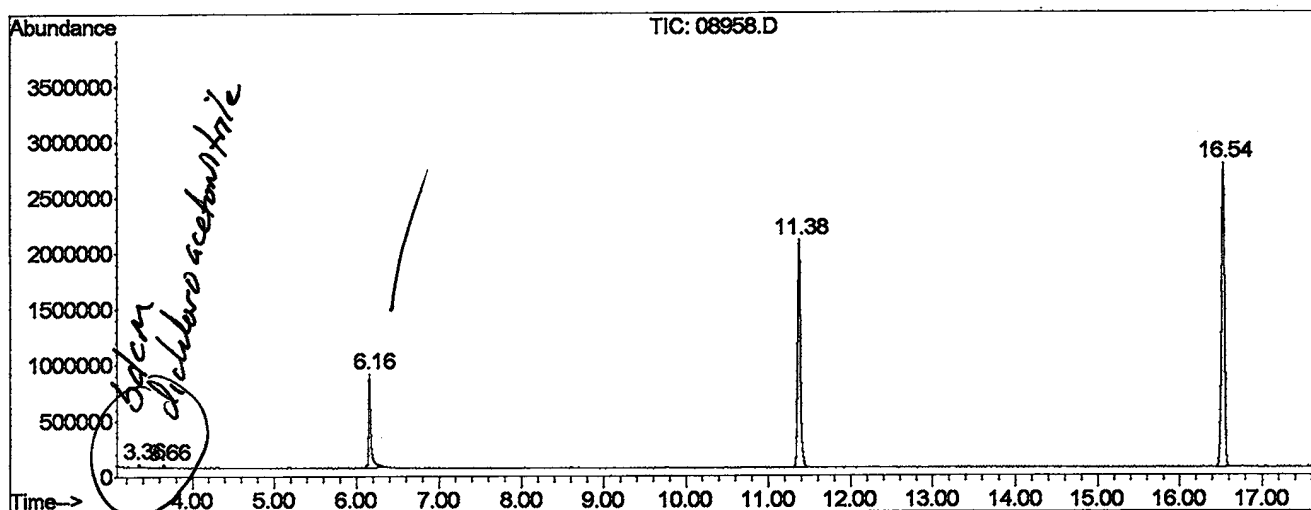
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.361	44	48	52	VV	28295	310532	0.39%	0.072%
2	3.655	86	98	104	PV	25394	388109	0.49%	0.089%
3	6.158	504	524	558	BV	849969	16699668	21.16%	3.850%
4	11.376	1402	1412	1431	PV	2020928	49589717	62.84%	11.433%
5	16.534	2272	2290	2307	PV	2691854	69056845	87.50%	15.921%
6	24.461	3607	3639	3650	PV	2897924	78919517	100.00%	18.195%
7	27.539	4151	4163	4178	VV	320484	8799942	11.15%	2.029%
8	31.094	4759	4768	4777	VV	19913	617912	0.78%	0.142%
9	31.717	4848	4874	4901	VV	2619769	78688336	99.71%	18.142%
10	31.952	4901	4914	4933	VV	23562	848238	1.07%	0.196%
11	39.937	6261	6273	6294	PV	3845590	72263455	91.57%	16.660%
12	43.157	6810	6821	6842	PV	3019886	57560863	72.94%	13.271%

Sum of corrected areas: 433743134

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\08958.D
 Operator : Nefliu
 Acquired : 24 Apr 2002 5:44 pm using AcqMethod 508SCAN1
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 9
 Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

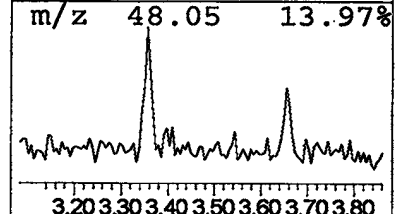
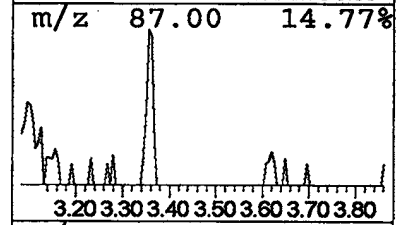
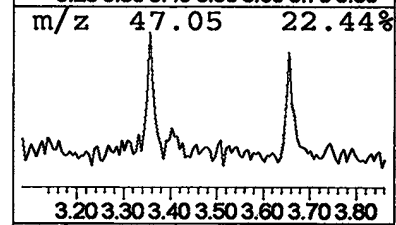
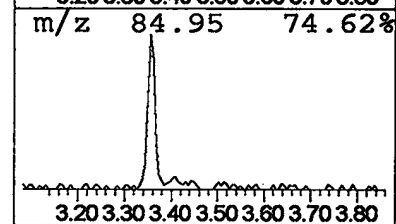
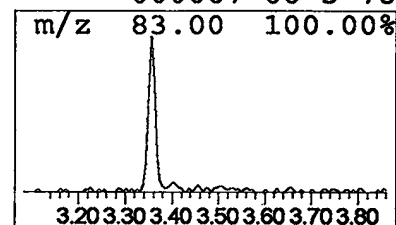
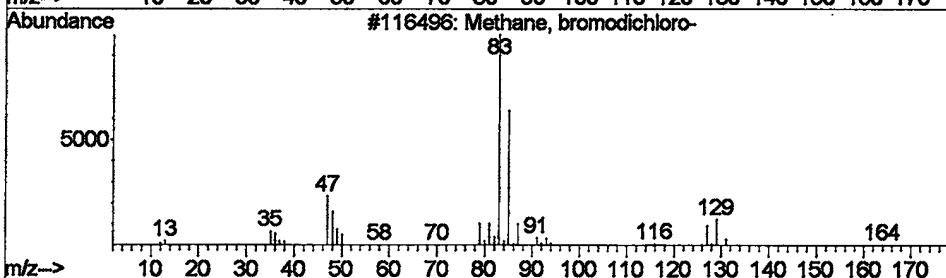
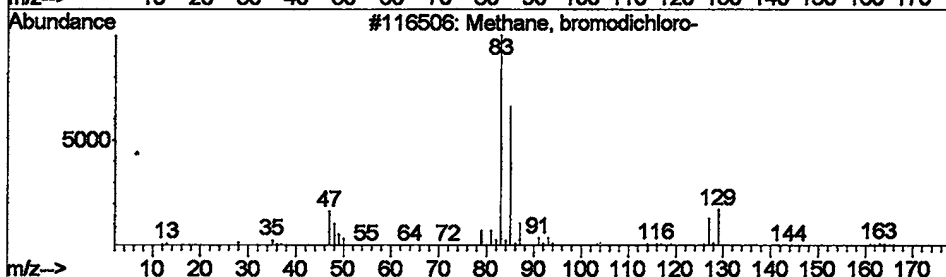
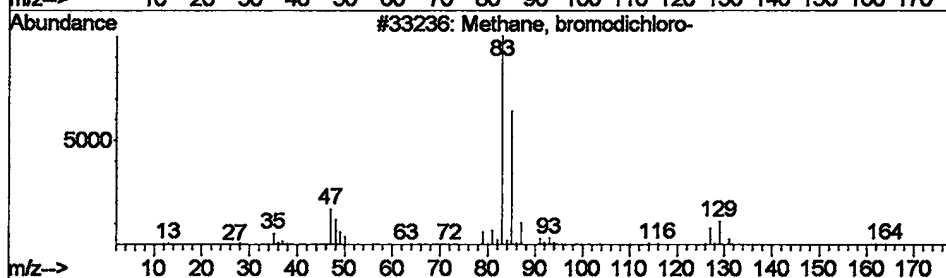
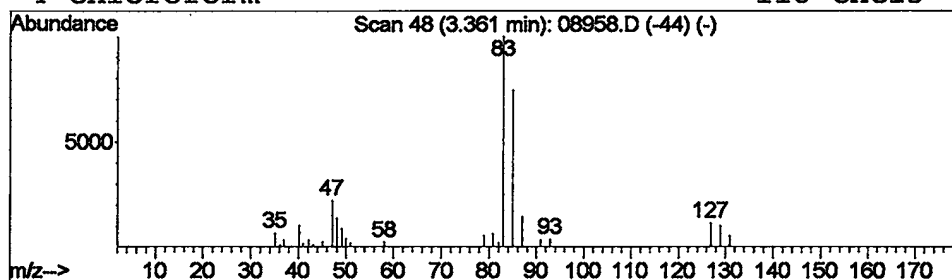
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 1 Methane, bromodichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.36	0.25 ug/l	310532	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓1		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	90
2		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
3		Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
4		Chloroform	118	CHCl3	000067-66-3	78



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

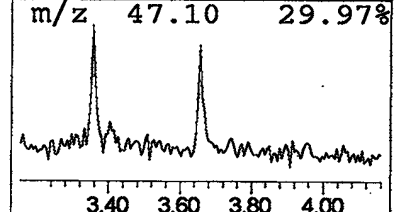
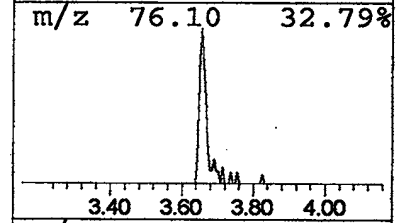
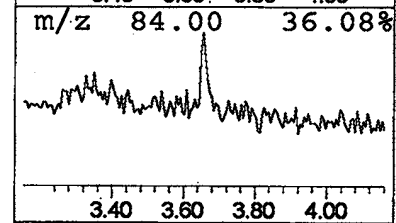
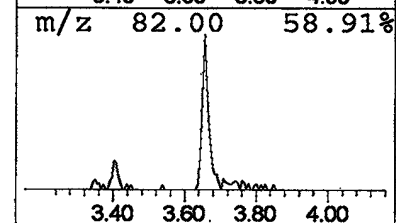
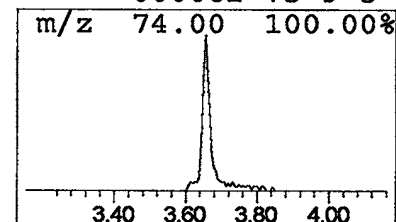
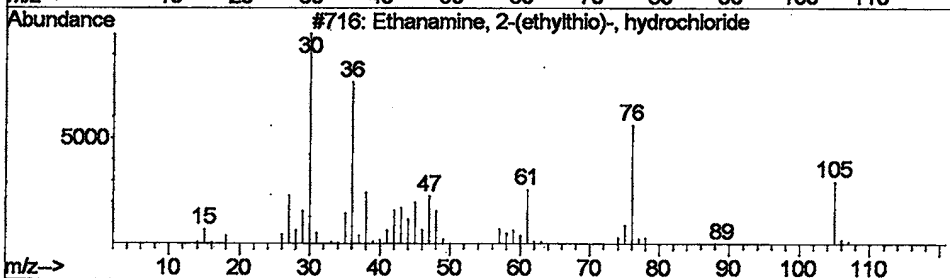
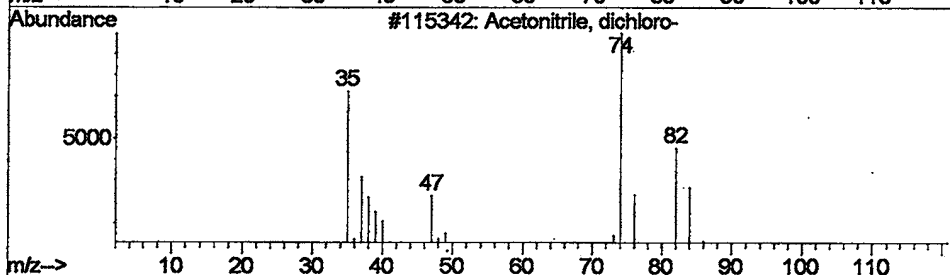
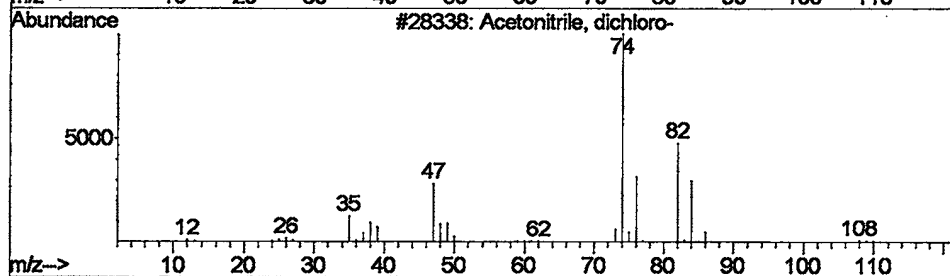
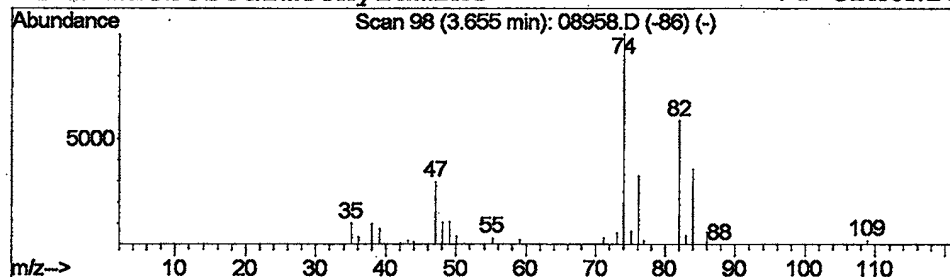
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation 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.
3.66	0.31 ug/l	388109	1,4-Dichlorobenzene-d4	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	91
2		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	64
3		Ethanamine, 2-(ethylthio)-, hydr...	141	C4H12ClNS	054303-30-9	9
4		N-Nitrosodimethylamine	74	C2H6N2O	000062-75-9	5



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

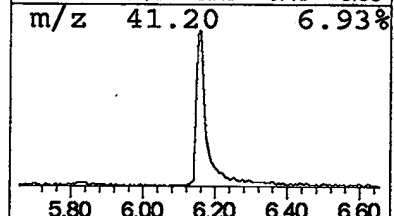
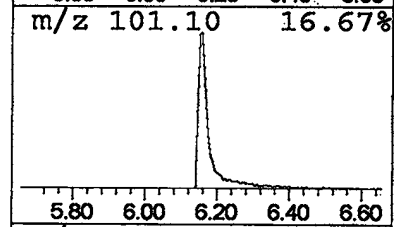
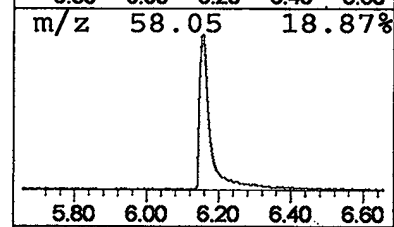
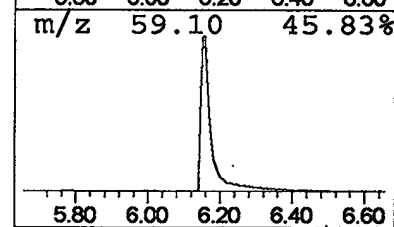
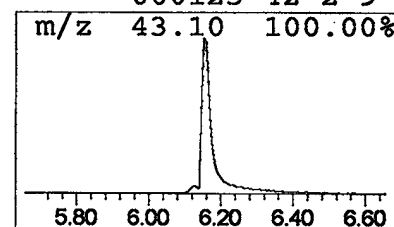
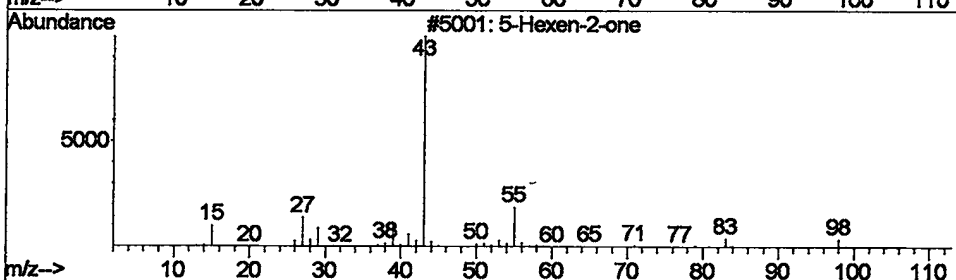
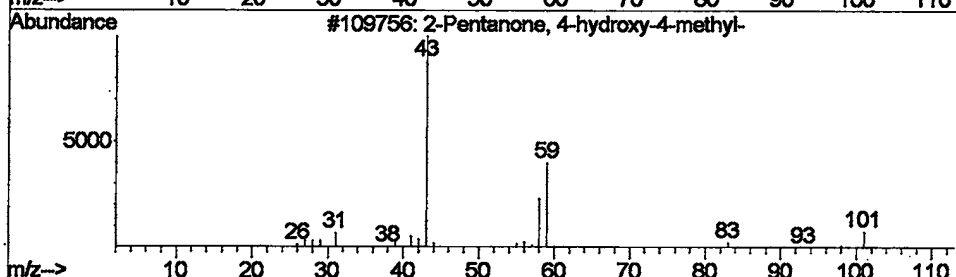
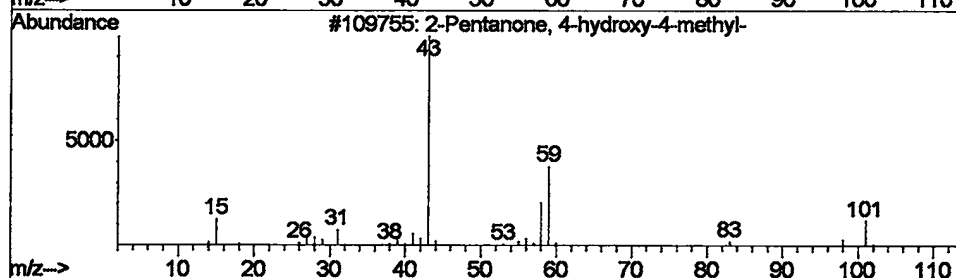
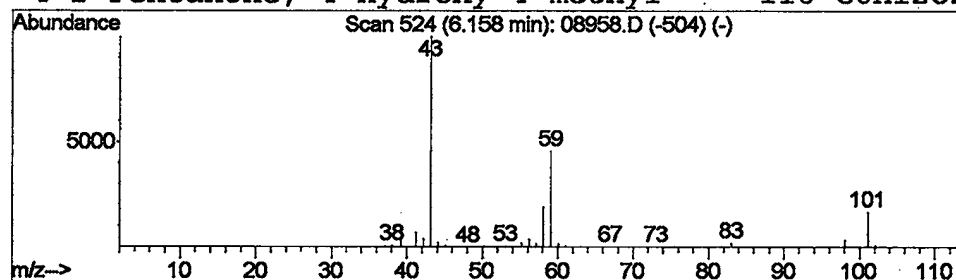
Vial: 9
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	13.47 ug/l	16699700	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	83
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3			5-Hexen-2-one	98	C6H10O	000109-49-9	9
4			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	9



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
 Acq On : 24 Apr 2002 5:44 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

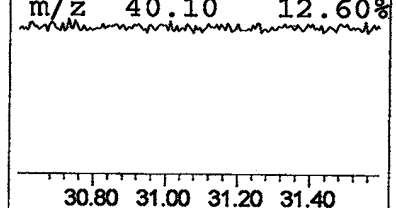
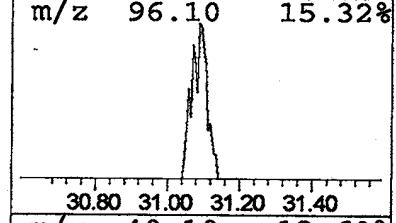
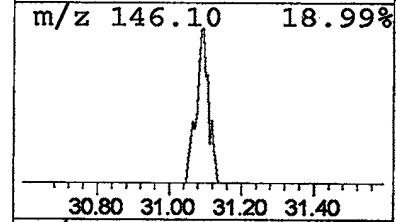
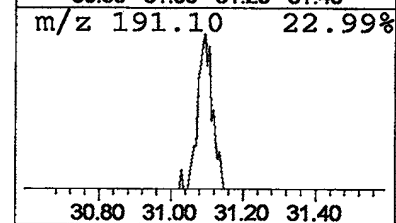
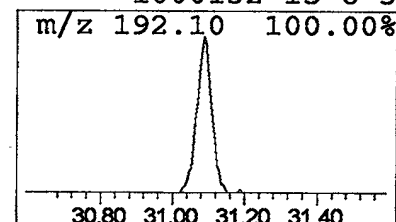
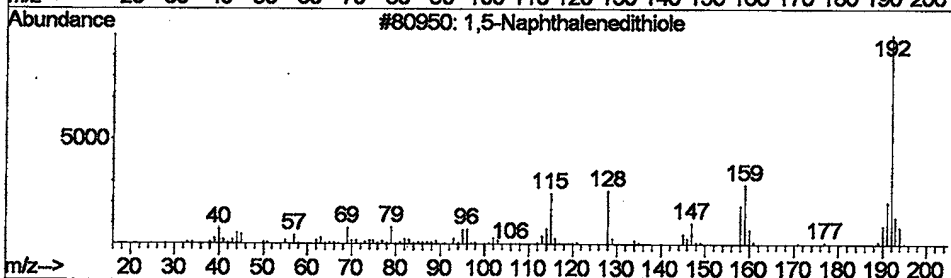
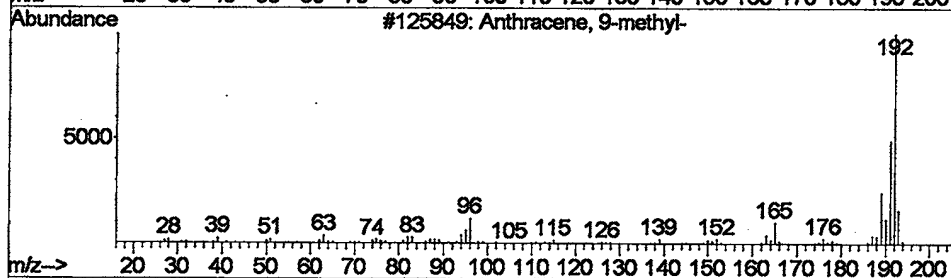
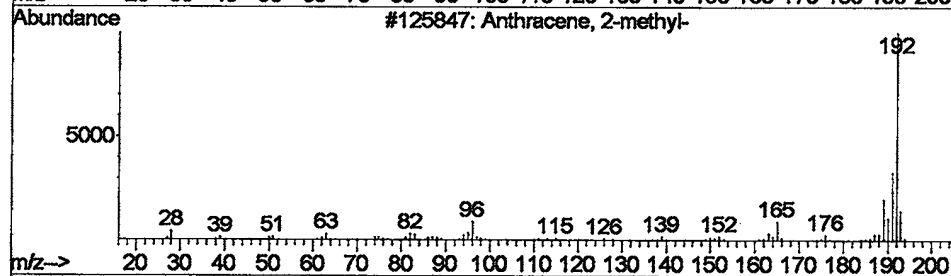
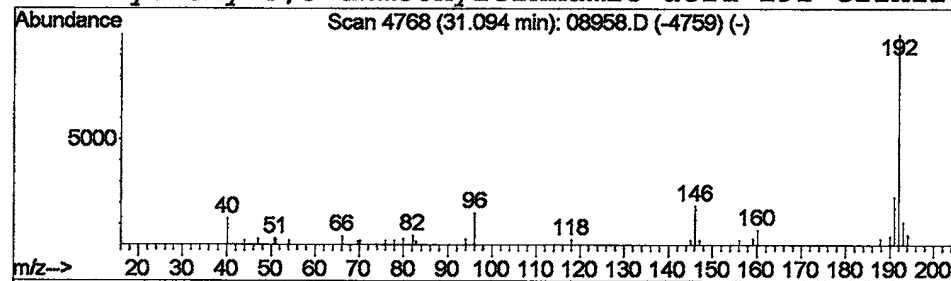
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
 Title : Method 508 GC/MS Scan
 Library : C:\DATABASE\nist98.1

 Peak Number 4 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.31 ug/l	617912	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	40
3			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38
4			4-Hydroxy-3,5-dimethylcinnamic acid	192	C11H12O3	1000132-15-8	38



Data File : C:\MSDCHEM\1\DATA\020424\08958.D
Acq On : 24 Apr 2002 5:44 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

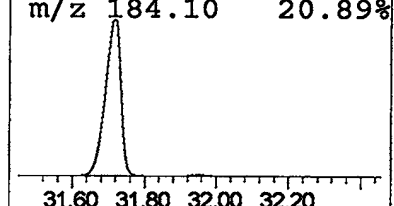
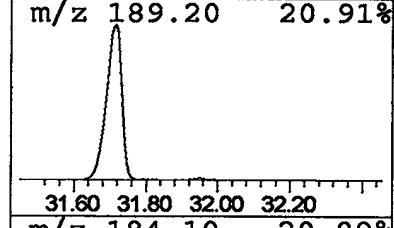
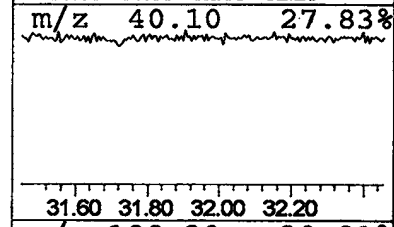
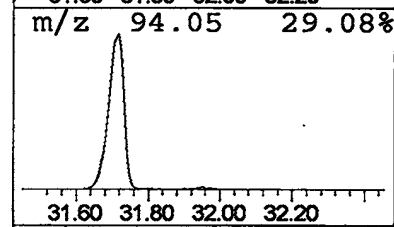
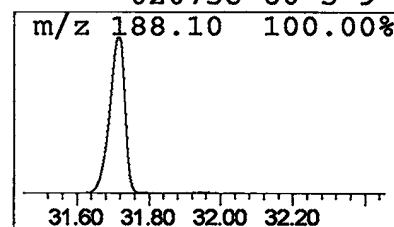
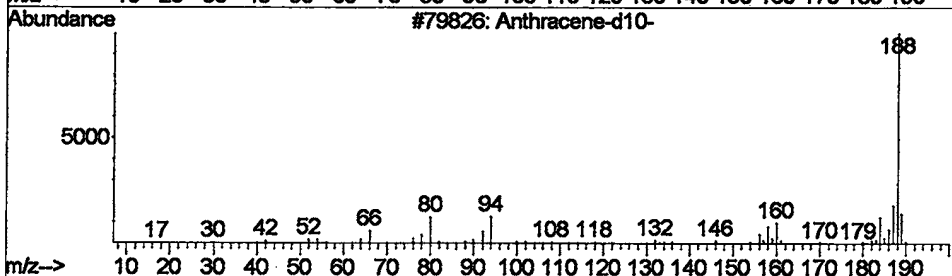
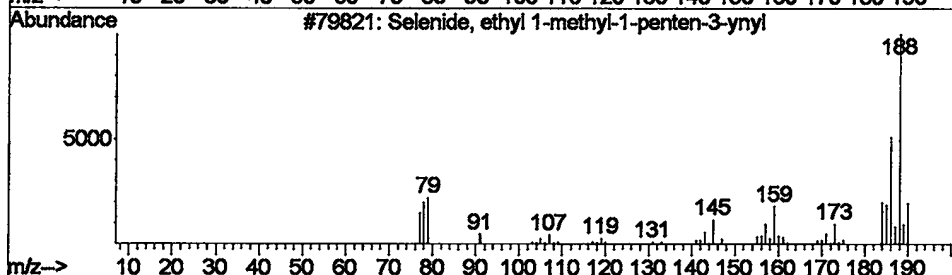
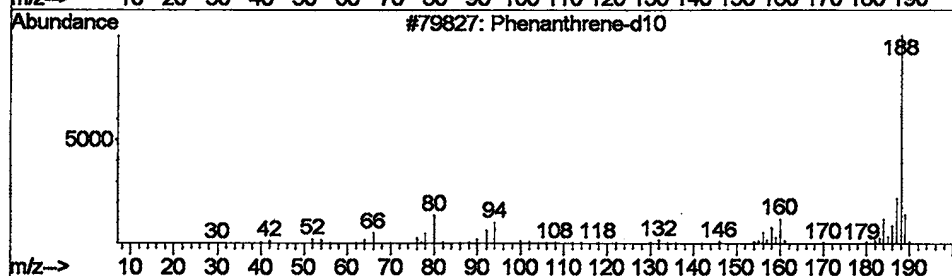
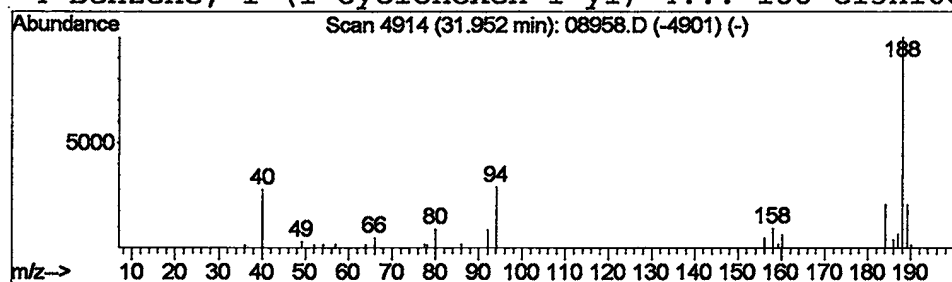
Vial: 9
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)
Title : Method 508 GC/MS Scan
Library : C:\DATABASE\nist98.1

Peak Number 5 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.95	0.43 ug/l	848238	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene-d10	188	C14D10	001517-22-2	42
2		Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	38
3		Anthracene-d10-	188	C14D10	001719-06-8	12
4		Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	9



Operator ID: Nefliu Date Acquired: 24 Apr 2002 5:44 pm
 Data File: C:\MSDCHEM\1\DATA\020424\08958.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation 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
✓ Methane, bromodic...	3.36	0.3	ug/l	310532	1	11.38	49589700	40.0
✓ Acetonitrile, dic...	3.66	0.3	ug/l	388109	1	11.38	49589700	40.0
✓ 2-Pentanone, 4-hy...	6.16	13.5	ug/l	16699700	1	11.38	49589700	40.0
Anthracene, 2-met...	31.09	0.3	ug/l	617912	4	31.72	78688300	40.0
Phenanthrene-d10	31.95	0.4	ug/l	848238	4	31.72	78688300	40.0