

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 11:12:45

Sample: AE08962
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 11:12 Ended: 5/7/02 11:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE08962 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-07-2002 Time: 11:12:53

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\08962.D

Vial: 13

Acq On : 24 Apr 2002 9:39 pm

Operator: Nefliu

Sample : sample

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: events.e

Quant Time: Apr 26 09:54:37 2002

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	8707831	40.00	ug/l	-0.01
10) Naphthalene-d8	16.54	136	33849418	40.00	ug/l	-0.03
17) Acenaphthene-d10	24.46	164	18728214	40.00	ug/l	-0.02
30) Phenanthrene-d10	31.72	188	27533398	40.00	ug/l	-0.02
38) Chrysene-d12	39.93	240	20212195	40.00	ug/l	-0.05
44) Perylene-d12	43.15	264	13316114	40.00	ug/l	-0.03

System Monitoring Compounds

27) TCMX	27.54	207	886065	8.41	ug/l	-0.03
Spiked Amount	10.000		Recovery	=	84.10%	

Target Compounds

43) Bis(2-ethylhexyl)phthalate	40.53	149	73477	0.20	ug/l	Qvalue # 69
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(#) = qualifier out of range (m) = manual integration (+) = signals summed
08962.D SCAN020424.M Fri Apr 26 09:56:33 2002 Page 1

Quantitation Report (QT Reviewed)

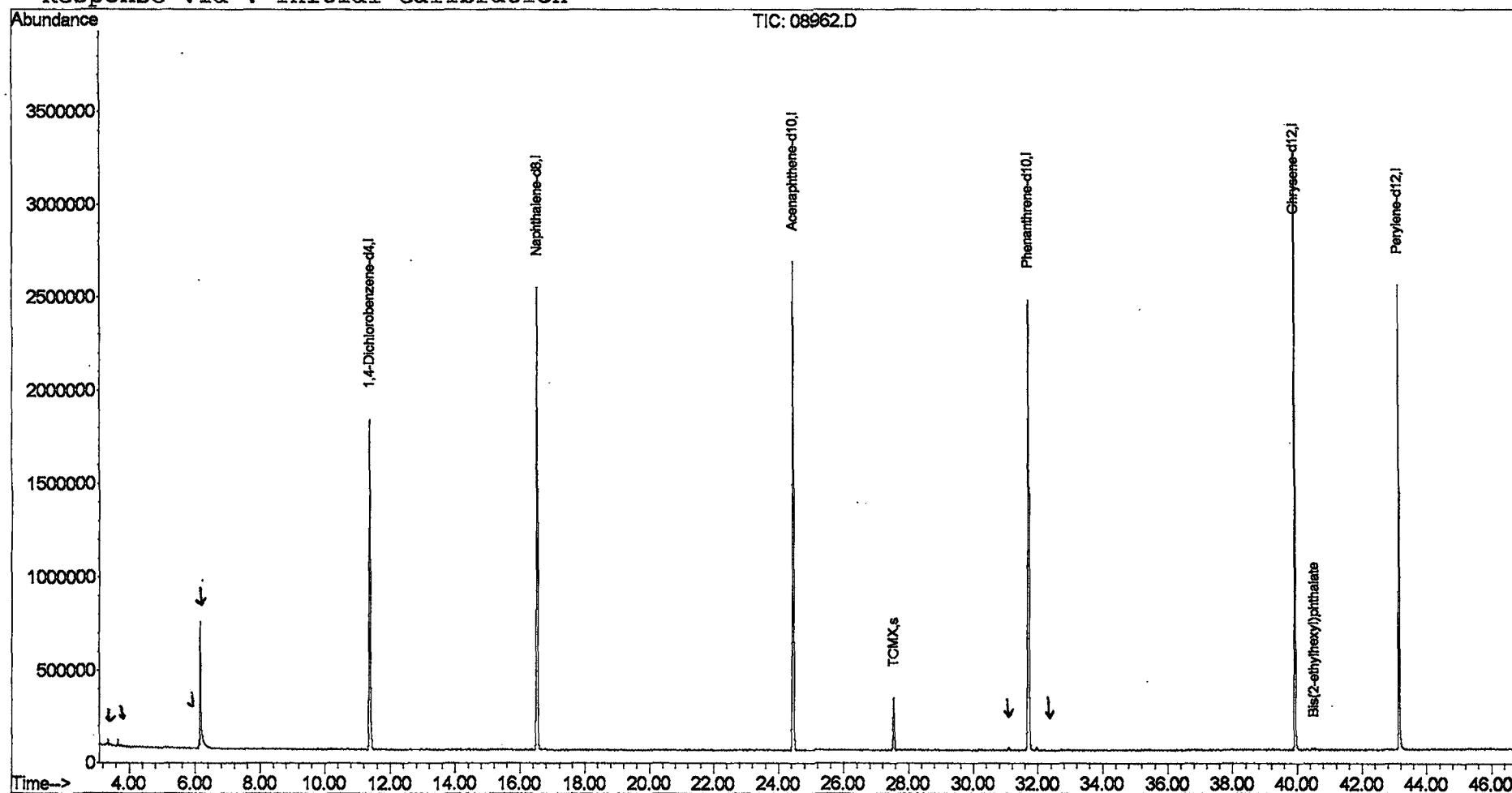
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Acq On : 24 Apr 2002 9:39 pm
Sample : sample
Misc :

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

MS Integration Params: events.e
Quant Time: Apr 26 9:56 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



MSD AREA PERCENT REPORT

Data File : C:\MSDCHEM\1\DATA\020424\08962.D
 Acq On : 24 Apr 2002 9:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

Vial: 13
 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

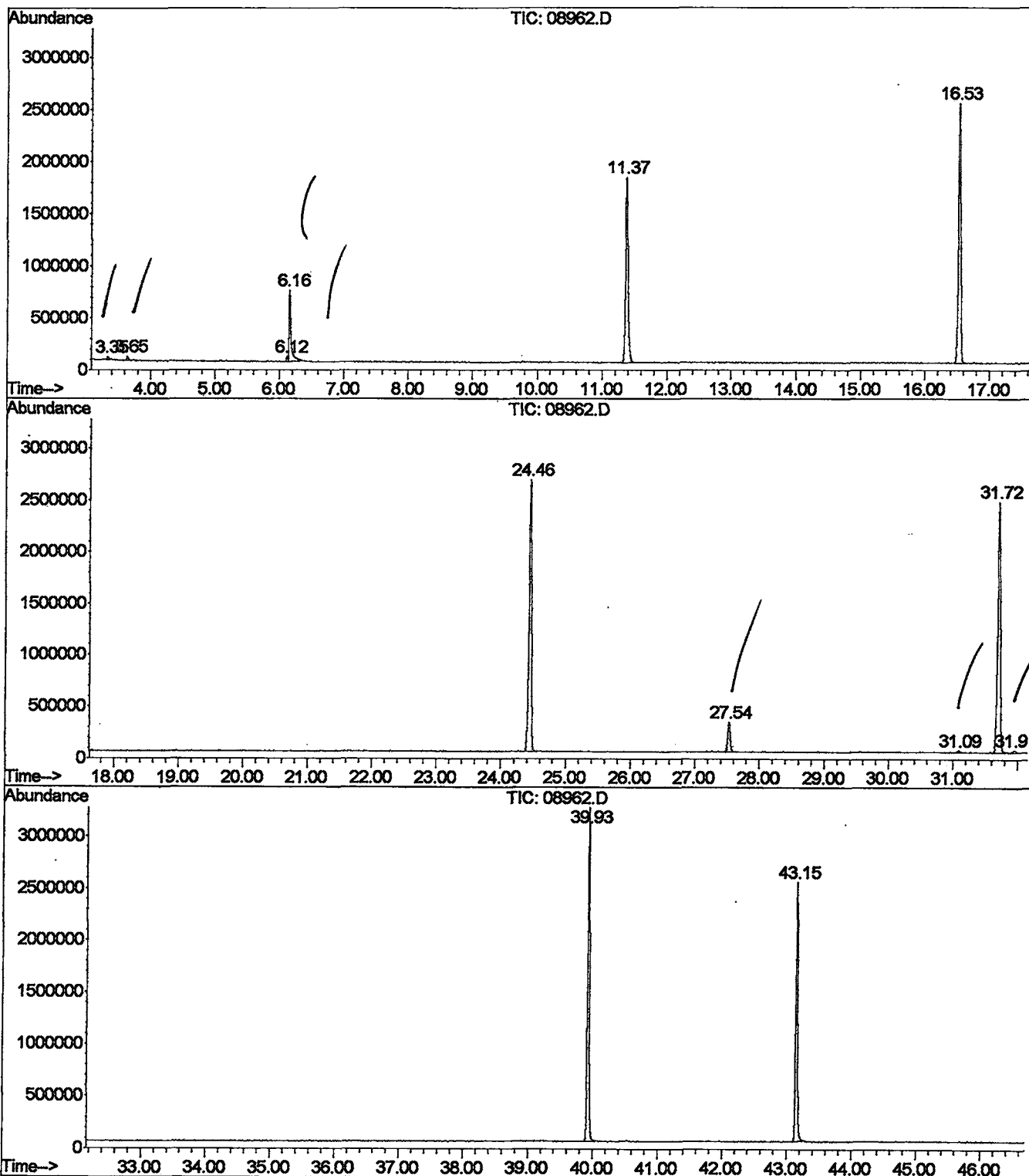
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total	
---	-----	-----	-----	-----	---	-----	-----	-----	-----	
1	3.349	42	46	51	VV	4	30066	384849	0.54%	0.102%
2	3.649	92	97	107	VB		37650	534410	0.75%	0.141%
3	6.123	512	518	520	PV		48940	714688	1.01%	0.189%
4	6.158	520	524	560	VV		679985	14326589	20.16%	3.790%
5	11.375	1400	1412	1432	PV		1775663	45347559	63.80%	11.996%
6	16.534	2277	2290	2312	PV		2468243	62587947	88.06%	16.557%
7	24.460	3617	3639	3653	PV		2633918	71075339	100.00%	18.802%
8	27.539	4151	4163	4177	VV	3	283434	7545201	10.62%	1.996%
9	31.088	4752	4767	4780	PV	4	18325	559536	0.79%	0.148%
10	31.717	4854	4874	4891	VV	2	2399744	69509878	97.80%	18.388%
11	31.958	4908	4915	4929	VV	3	21711	626302	0.88%	0.166%
12	39.931	6260	6272	6294	BV	2	3146153	59102591	83.15%	15.635%
13	43.156	6808	6821	6838	PV	2	2441152	45707589	64.31%	12.091%

Sum of corrected areas: 378022479

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020424\08962.D
Operator : Nefliu
Acquired : 24 Apr 2002 9:39 pm using AcqMethod 508SCAN1
Instrument : Instrumen
Sample Name: sample
Misc Info :
Vial Number: 13
Quant File :SCAN020424.RES (Chemstation Integrator)



Data File : C:\MSDCHEM\1\DATA\020424\08962.D

Acq On : 24 Apr 2002 9:39 pm

Sample : sample

Misc :

MS Integration Params: rteint.e

Vial: 13

Operator: Nefliu

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\SCAN020424.M (Chemstation Integrator)

Title : Method 508 GC/MS Scan

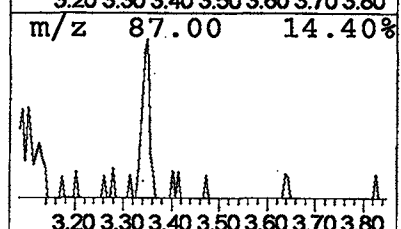
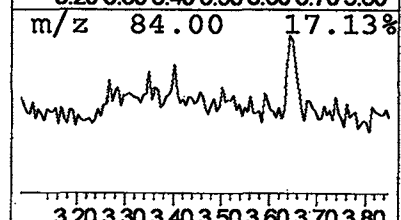
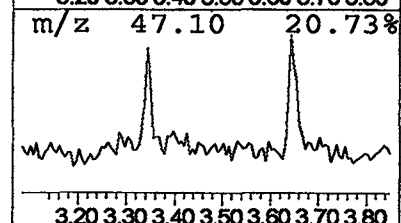
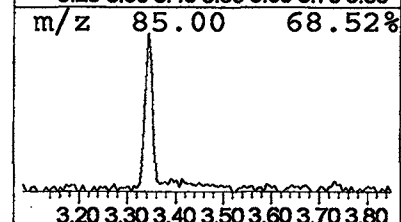
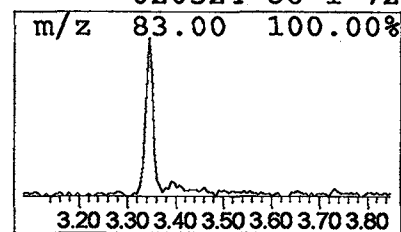
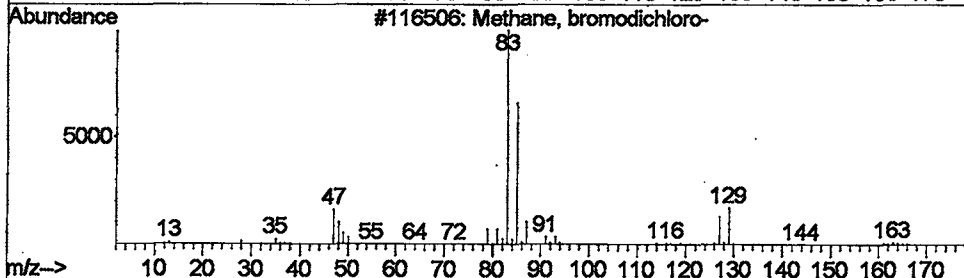
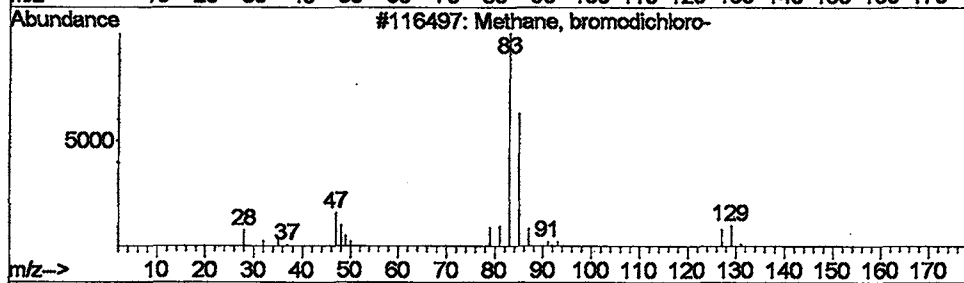
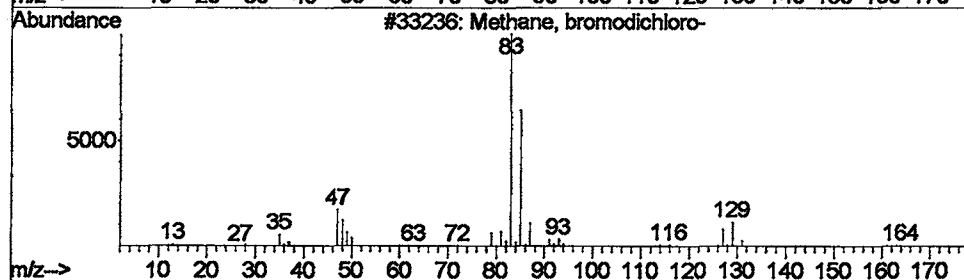
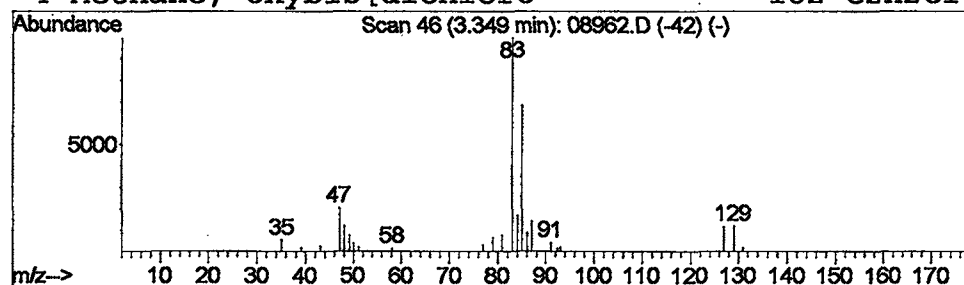
Library : C:\DATABASE\nist98.1

Peak Number 1 Methane, bromodichloro-

Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	0.34 ug/l	384849	1,4-Dichlorobenzene-d4	11.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	86
2	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	80
3	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	78
4	Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	72



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020424\08962.D
Acq On : 24 Apr 2002 9:39 pm
Sample : sample
Misc :
MS Integration Params: rteint.e

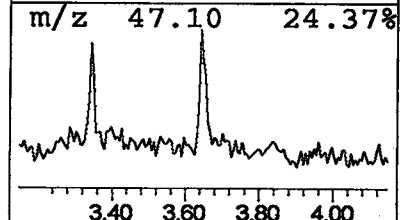
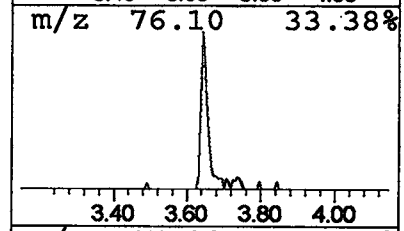
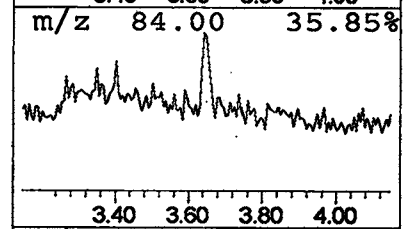
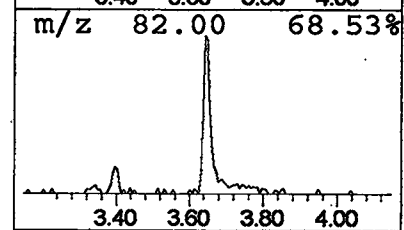
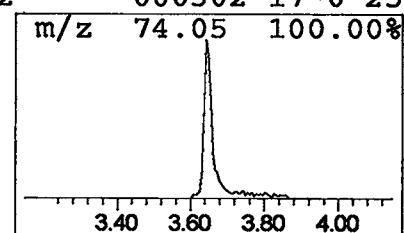
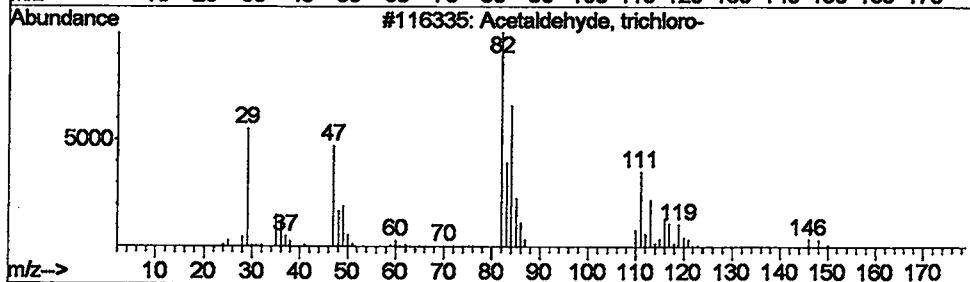
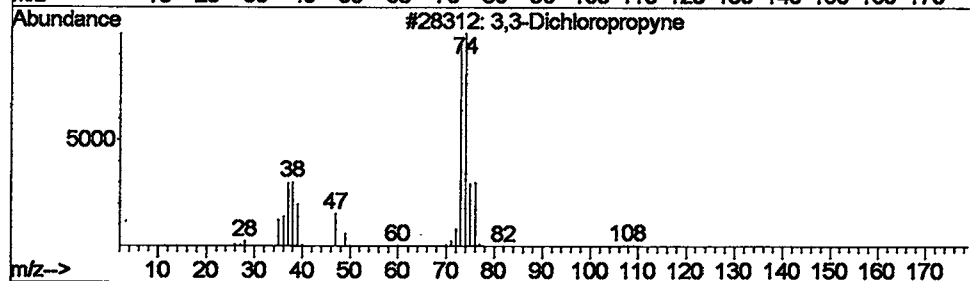
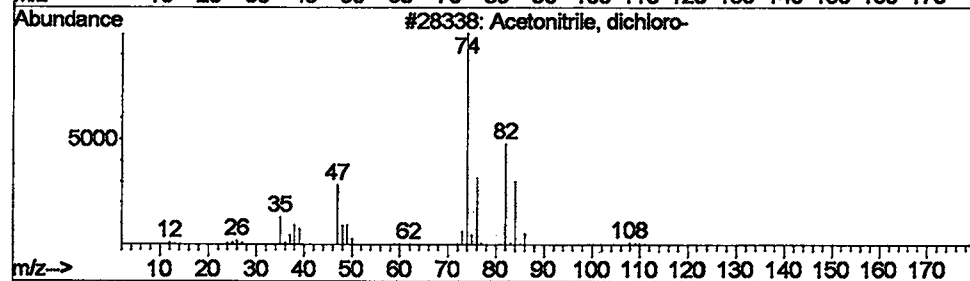
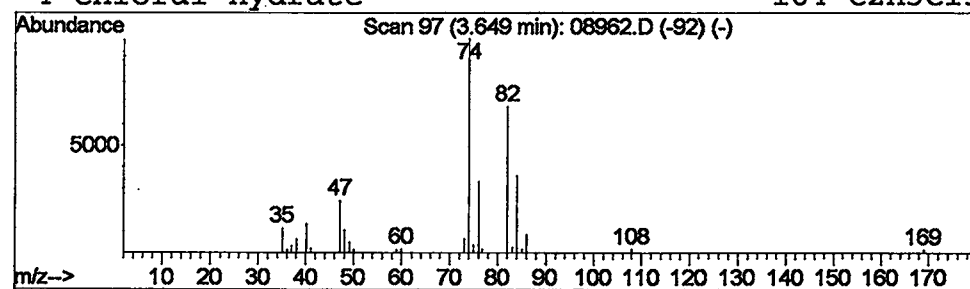
Vial: 13
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.65	0.47 ug/l	534410	1,4-Dichlorobenzene-d4	11.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
2		3,3-Dichloropropyne	108	C3H2Cl2	1000222-23-9	25
3		Acetaldehyde, trichloro-	146	C2HCl3O	000075-87-6	25
4		Chloral Hydrate	164	C2H3Cl3O2	000302-17-0	25



Data File : C:\MSDCHEM\1\DATA\020424\08962.D
 Acq On : 24 Apr 2002 9:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

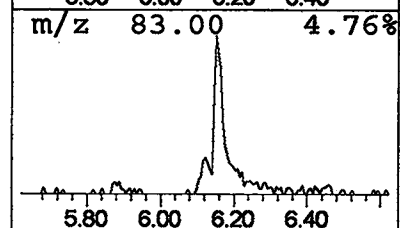
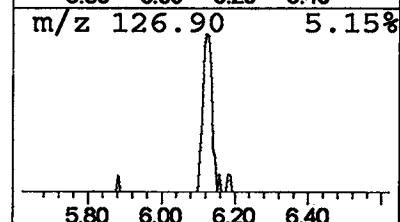
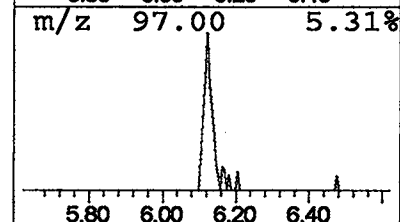
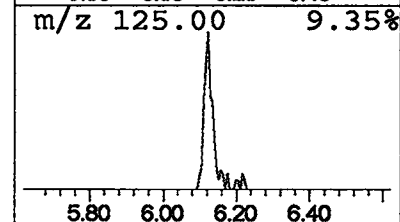
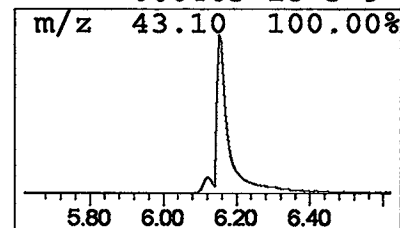
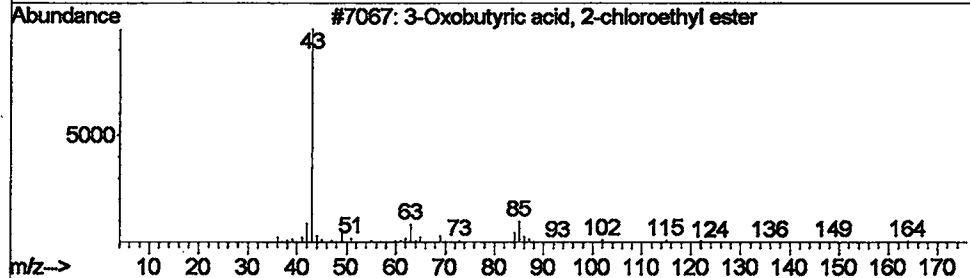
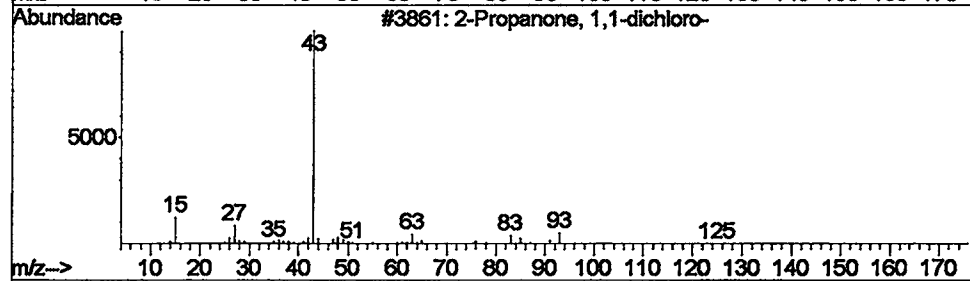
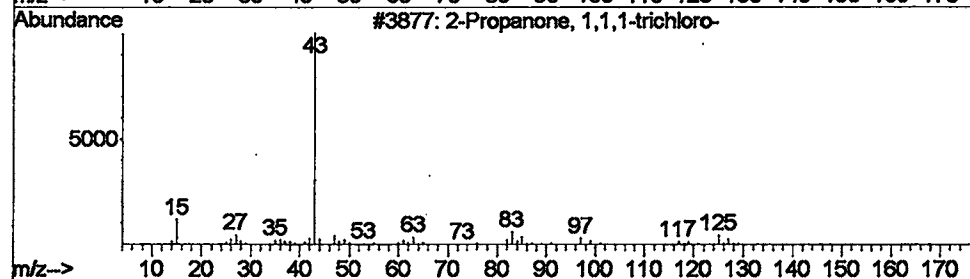
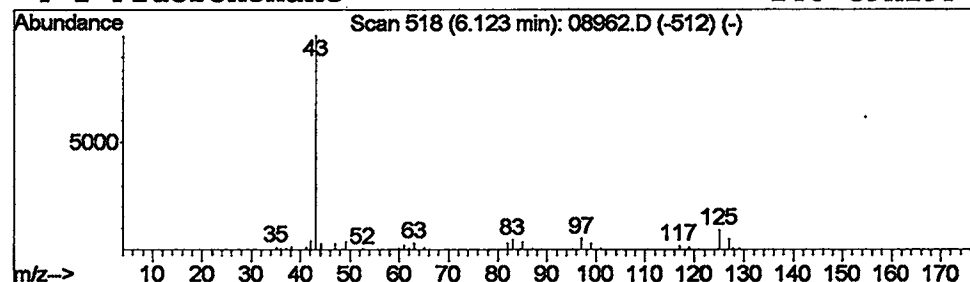
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 Multiplr: 1.00

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	0.63 ug/l	714688	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	50
2			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	25
3			3-Oxobutyric acid, 2-chloroethyl...	164	C6H9ClO3	1000210-13-3	9
4			1-Fluorononane	146	C9H19F	000463-18-3	9



Data File : C:\MSDCHEM\1\DATA\020424\08962.D
 Acq On : 24 Apr 2002 9:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

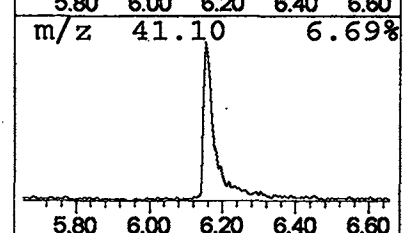
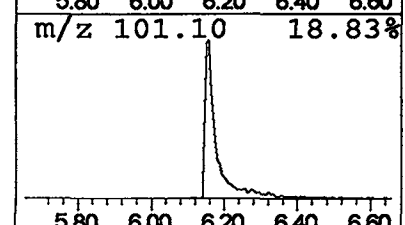
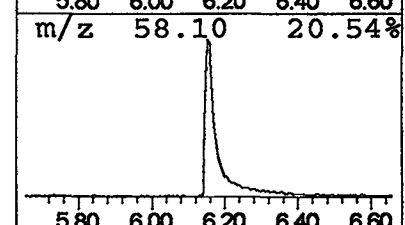
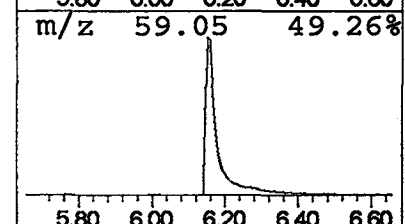
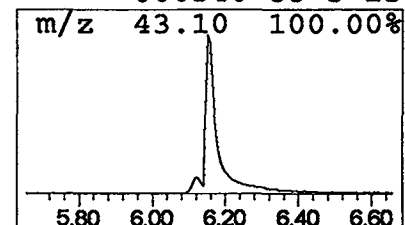
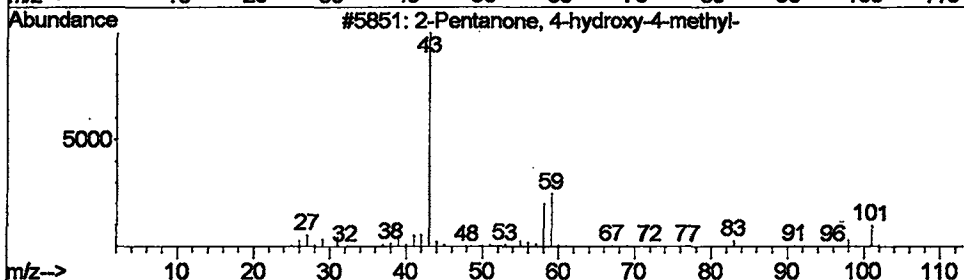
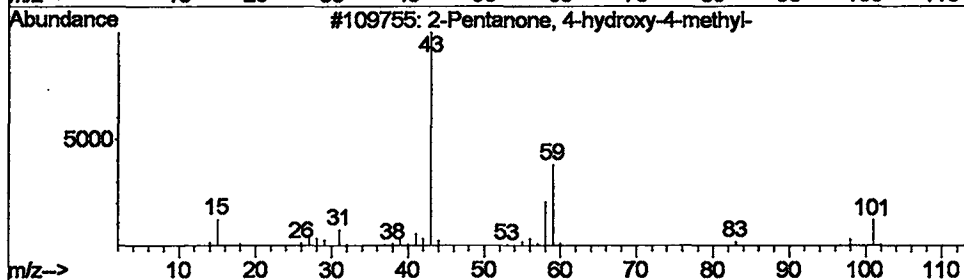
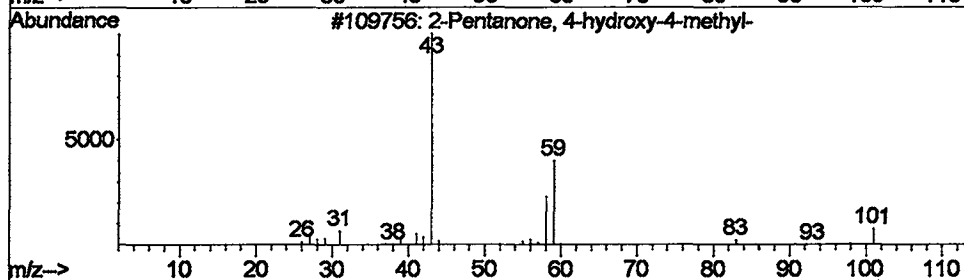
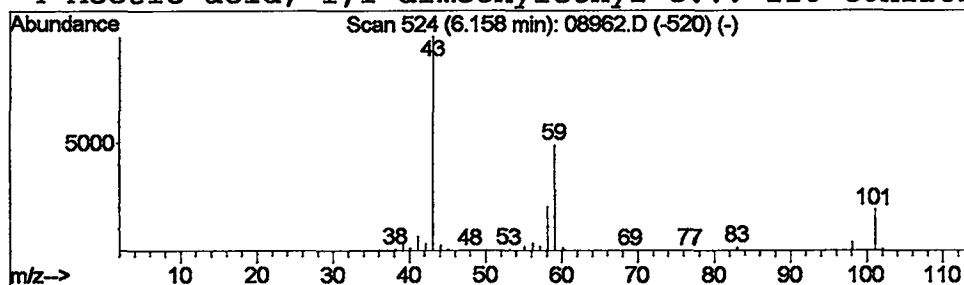
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	12.64 ug/l	14326600	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	72
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
4			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	25



Data File : C:\MSDCHEM\1\DATA\020424\08962.D
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 Misc :
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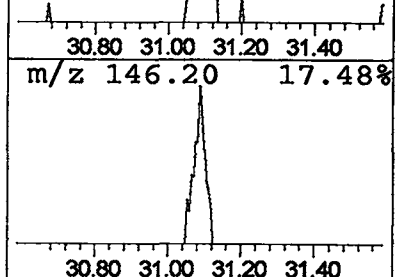
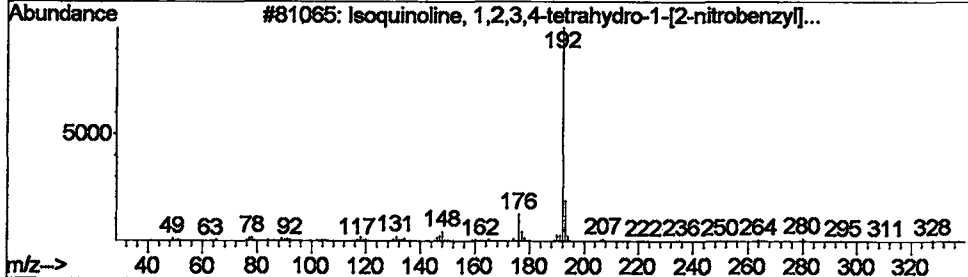
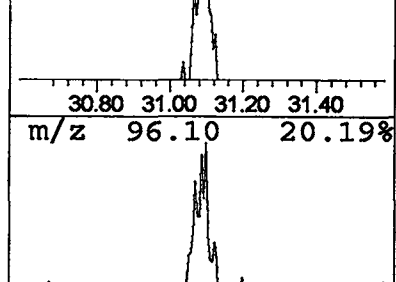
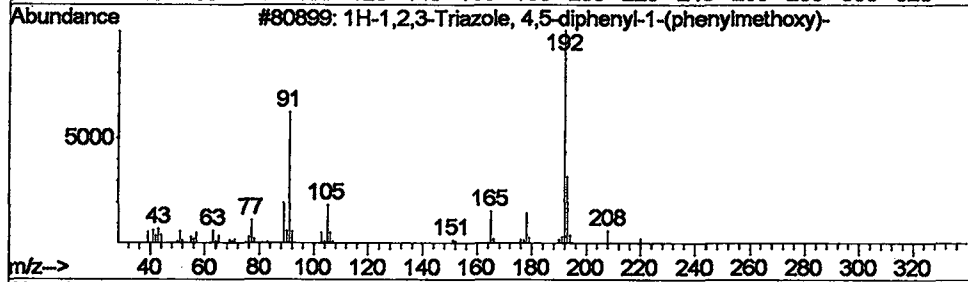
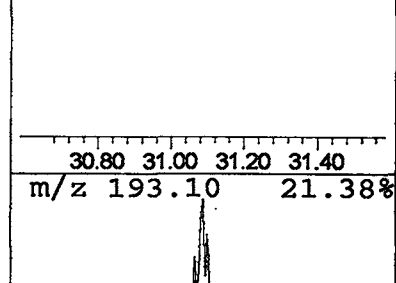
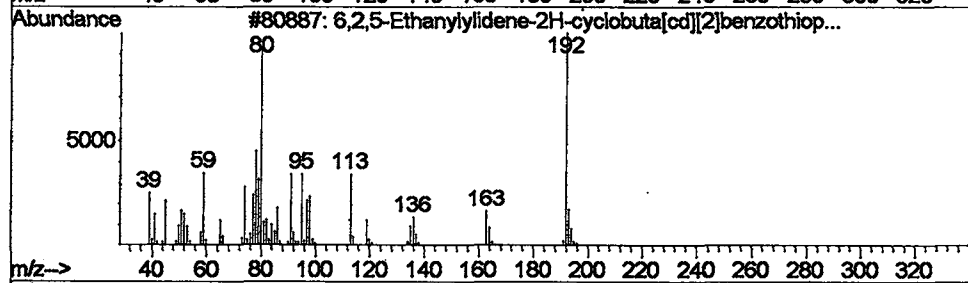
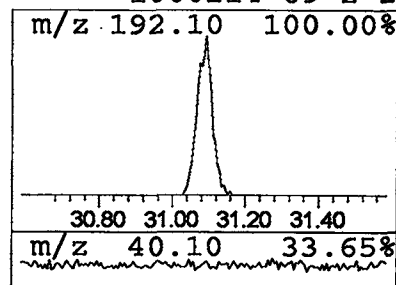
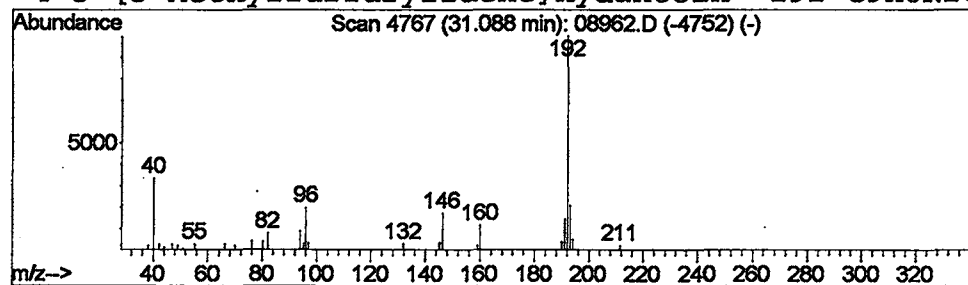
Vial: 13
 Operator: Nefliu
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 Multiplr: 1.00

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

 Peak Number 5 6,2,5-Ethanylylidene-2H-cyc... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.09	0.32 ug/l	559536	Phenanthrene-d10	31.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,2,5-Ethanylylidene-2H-cyclobut...	192	C11H12OS	019086-86-3	37	
2	1H-1,2,3-Triazole, 4,5-diphenyl-...	327	C21H17N3O	056701-36-1	33	
3	Isoquinoline, 1,2,3,4-tetrahydro...	328	C18H20N2O4	1000128-79-2	33	
4	5-[5-Methylfurfurylidene]hydantoin	192	C9H8N2O3	1000214-69-2	25	



Data File : C:\MSDCHEM\1\DATA\020424\08962.D
 Acq On : 24 Apr 2002 9:39 pm
 Sample : sample
 Misc :
 MS Integration Params: rteint.e

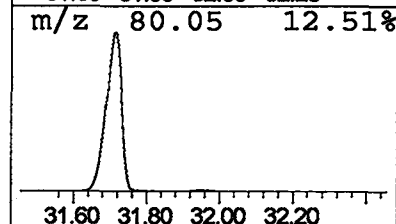
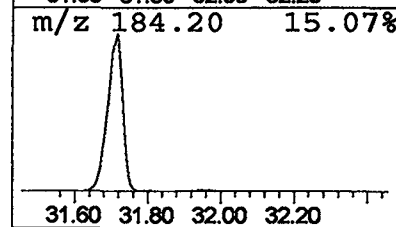
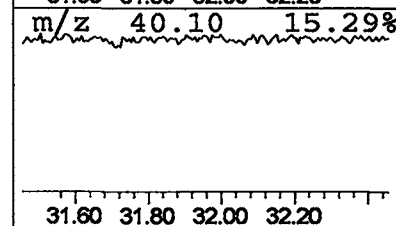
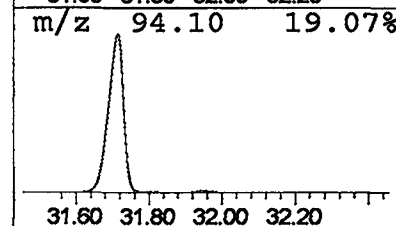
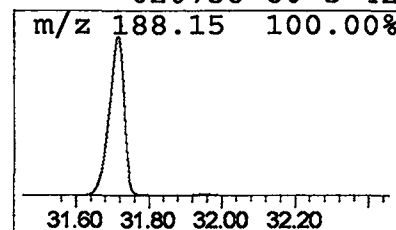
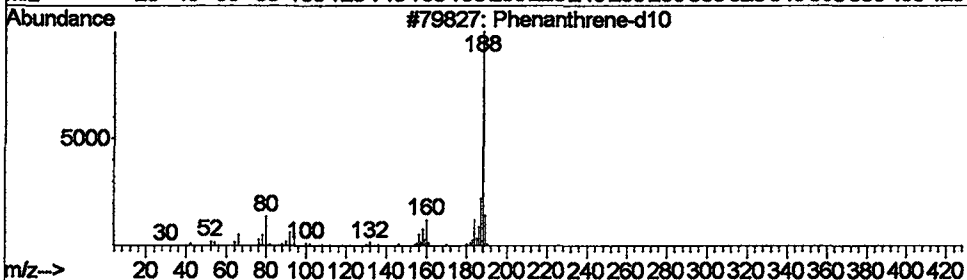
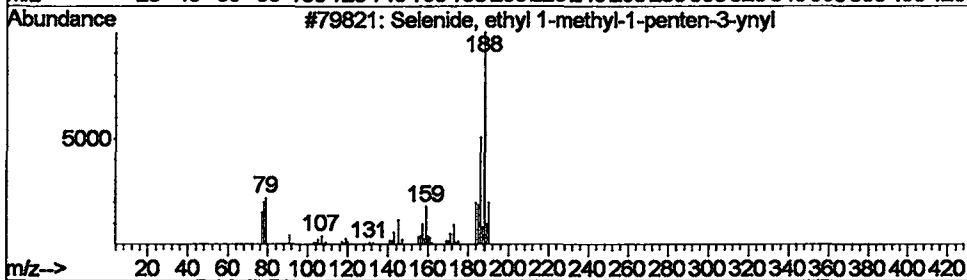
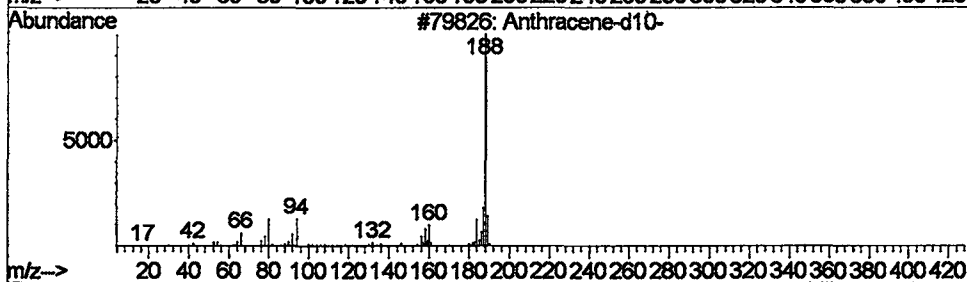
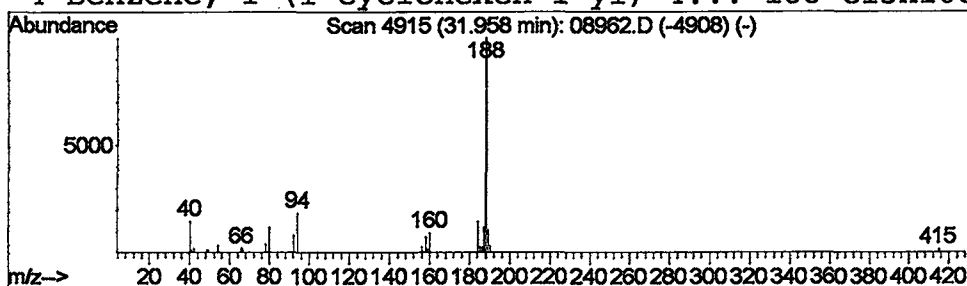
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 6 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.96	0.36 ug/l	626302	Phenanthrene-d10	31.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	93
2			Selenide, ethyl 1-methyl-1-pente...	188	C8H12Se	025128-48-7	50
3			Phenanthrene-d10	188	C14D10	001517-22-2	49
4			Benzene, 1-(1-cyclohexen-1-yl)-4...	188	C13H16O	020758-60-5	42



Operator ID: Nefliu Date Acquired: 24 Apr 2002 9:39 pm
Data File: C:\MSDCHEM\1\DATA\020424\08962.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...	3.35	0.3	ug/l	384849	1	11.38	45347600	40.0
✓ Acetonitrile, dic...	3.65	0.5	ug/l	534410	1	11.38	45347600	40.0
2-Propanone, 1,1,...	6.12	0.6	ug/l	714688	1	11.38	45347600	40.0
✓ 2-Pentanone, 4-hy...	6.16	12.6	ug/l	14326600	1	11.38	45347600	40.0
6,2,5-Ethanylylid...	31.09	0.3	ug/l	559536	4	31.72	69509900	40.0
✓ Anthracene-d10	31.96	0.4	ug/l	626302	4	31.72	69509900	40.0
Phenanthrene-d10								