

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/18/2002 Time: 16:04:26

Sample: AE08067
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/18/2002 16:04 Ended: 4/18/2002 16:04 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds			
2	Surr_2,4-DDD		84	5.0

Comments for Sample AE08067 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-18-2002 Time: 16:04:34

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.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
Acq On : 16 Apr 2002 5:36 am
Sample : sample
Misc :
MS Integration Params: EVENTS.E
Quant Time: Apr 16 13:55:48 2002

Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Results File: 041202SCAN.RE

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Last Update : Tue Apr 16 11:14:47 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.98	152	3840178	40.00	ug/L	-0.01
10) Napthalene-d8	13.48	136	14819104	40.00	ug/L	-0.02
17) Acenapthalene-d10	18.63	164	8567845	40.00	ug/L	-0.01
29) Phenanthranene-d10	23.02	188	12883973	40.00	ug/L	-0.01
37) Chrysene-d12	30.88	240	9413662	40.00	ug/L	-0.03
43) Perylene-d12	34.78	264	5914390	40.00	ug/L	-0.02

System Monitoring Compounds

27) TCMX	20.60	207	317214	6.68	ug/L	0.00
Spiked Amount	8.000		Recovery	=	83.50%	

Target Compounds

Qvalue

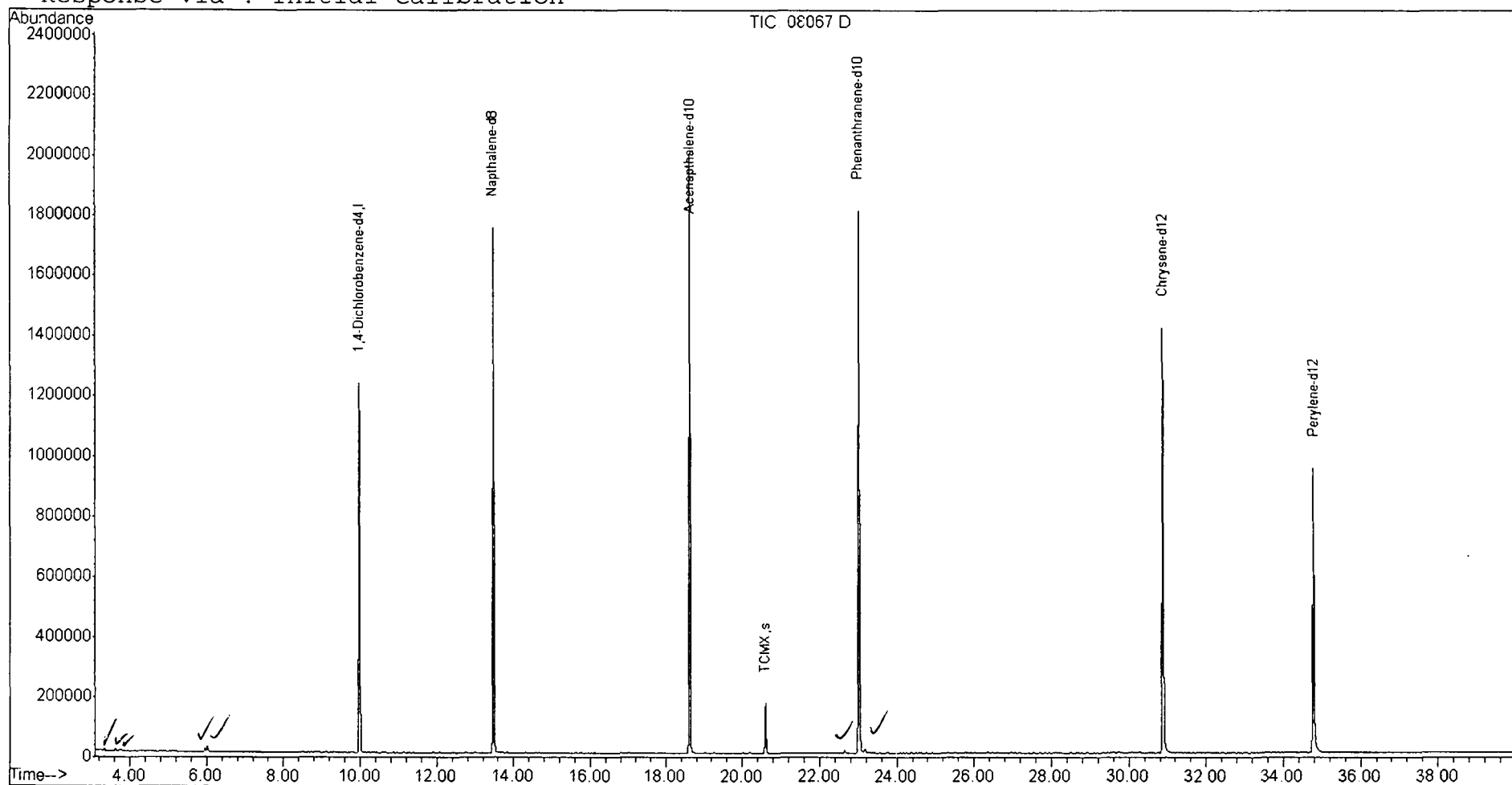
Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
 Acq On : 16 Apr 2002 5:36 am
 Sample : sample
 Misc :
 MS Integration Params: EVENTS.E
 Quant Time: Apr 16 13:55 2002

Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Results File: 041202SCAN.RES

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Last Update : Tue Apr 16 11:14:47 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
 Acq On : 16 Apr 2002 5:36 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan

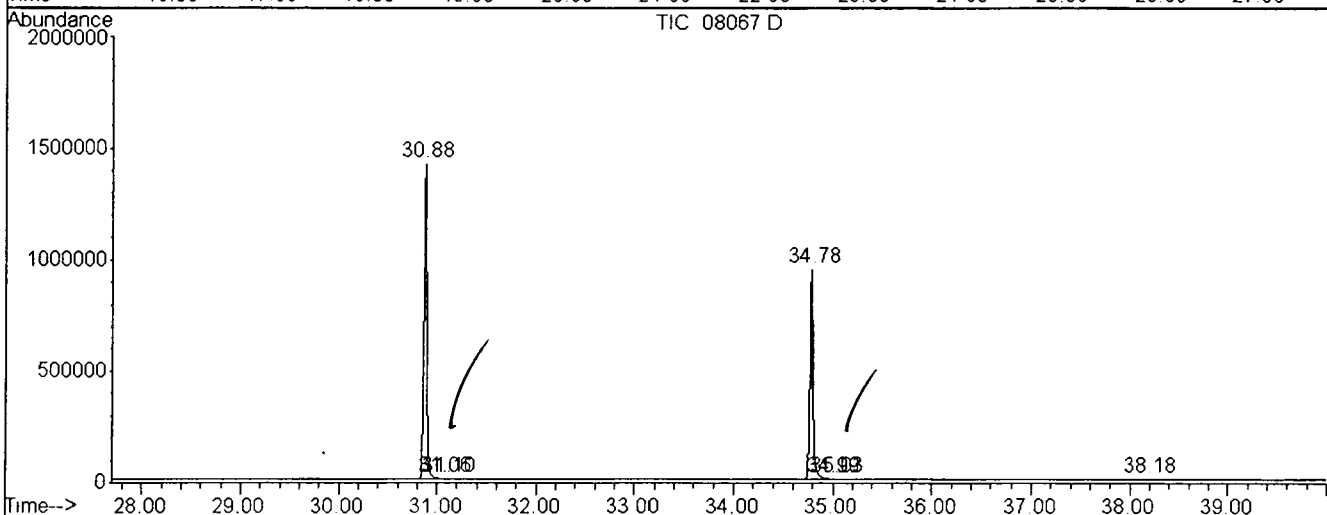
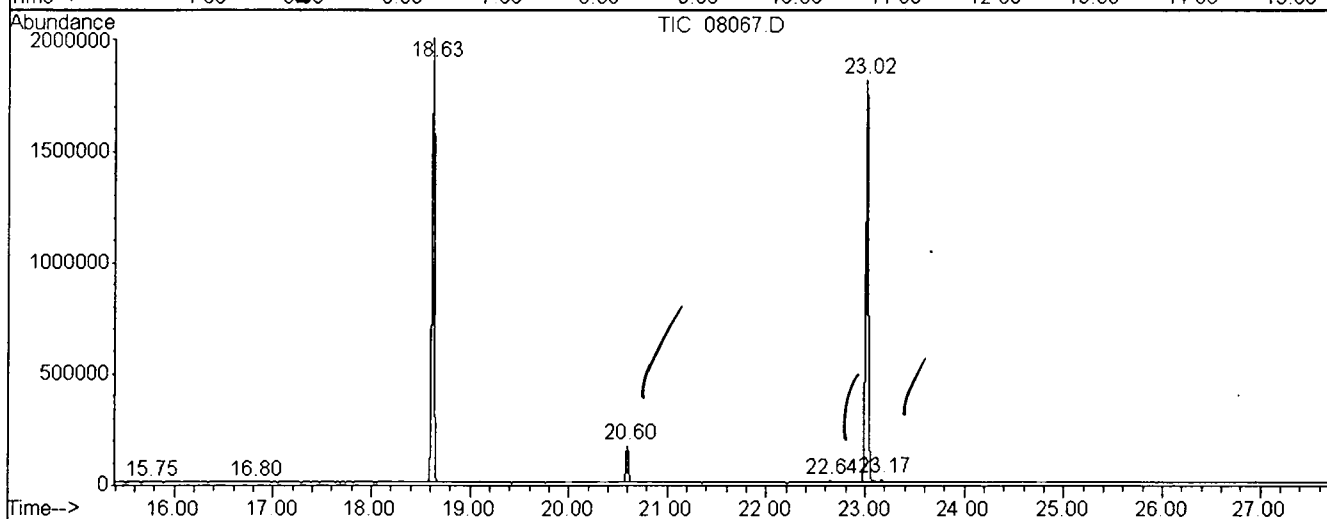
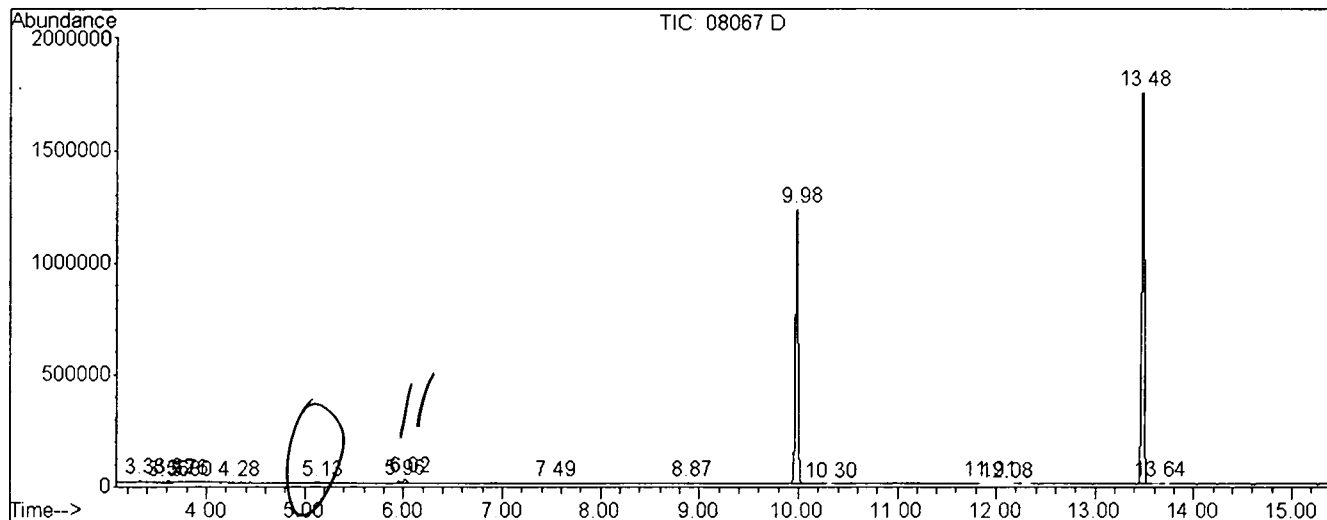
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.332	33	43	50	PV 2	8367	152008	0.44%	0.087%
2	3.561	78	82	86	PV 4	1831	22070	0.06%	0.013%
3	3.620	86	92	100	PV 3	10676	170749	0.49%	0.097%
4	3.761	106	116	121	VV 4	4747	129507	0.37%	0.074%
5	3.796	121	122	127	VV 4	1326	20282	0.06%	0.012%
6	4.278	195	204	207	PV 5	2014	27375	0.08%	0.016%
7	5.130	342	349	357	VV 8	3824	107138	0.31%	0.061%
8	5.958	482	490	495	PV 2	11636	223715	0.65%	0.128%
9	6.017	495	500	521	VV	19043	446960	1.29%	0.255%
10	7.492	747	751	759	PV 6	2422	48474	0.14%	0.028%
11	8.867	979	985	998	VV 6	1955	50338	0.15%	0.029%
12	9.983	1165	1175	1188	PV	1231491	22273693	64.29%	12.716%
13	10.306	1216	1230	1233	VV 5	2018	55167	0.16%	0.031%
14	11.910	1499	1503	1511	VV 4	3439	56459	0.16%	0.032%
15	12.086	1527	1533	1540	VV 3	1772	34784	0.10%	0.020%
16	13.485	1760	1771	1785	PV	1722887	29944737	86.43%	17.095%
17	13.638	1792	1797	1805	PV 2	3405	58019	0.17%	0.033%
18	15.753	2155	2157	2161	PV 3	1872	15023	0.04%	0.009%
19	16.805	2329	2336	2340	VV 3	2495	43977	0.13%	0.025%
20	18.626	2636	2646	2663	VV	1954062	34644540	100.00%	19.778%
21	20.600	2972	2982	2990	PV	168008	2950173	8.52%	1.684%
22	22.645	3324	3330	3342	PV 2	9468	185092	0.53%	0.106%
23	23.021	3378	3394	3414	PV 2	1776274	33894673	97.84%	19.350%
24	23.174	3414	3420	3434	VV 3	13106	323710	0.93%	0.185%
25	30.877	4717	4731	4761	PV 2	1392303	28474266	82.19%	16.256%
26	31.059	4761	4762	4767	VV 2	3941	73440	0.21%	0.042%
27	31.100	4767	4769	4773	VV 3	3002	46837	0.14%	0.027%
28	34.784	5381	5396	5428	PV 2	939147	20645633	59.59%	11.786%
29	34.984	5428	5430	5436	VV 4	2062	31837	0.09%	0.018%
30	35.031	5436	5438	5439	PV 2	844	3403	0.01%	0.002%
31	38.174	5970	5973	5975	PV	1480	12232	0.04%	0.007%

Sum of corrected areas: 175166310

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\020415\08067.D
 Operator : Nefliu
 Acquired : 16 Apr 2002 5:36 am using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: sample
 Misc Info :
 Vial Number: 24
 Quant File :041202SCAN.RES (Chemstation Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
 Acq On : 16 Apr 2002 5:36 am
 Sample : sample
 Misc :
 MS Integration Params: LSCINT.e

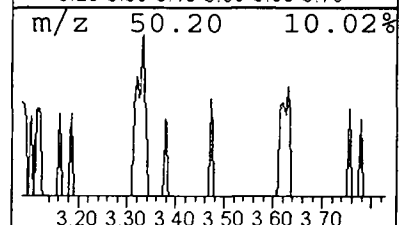
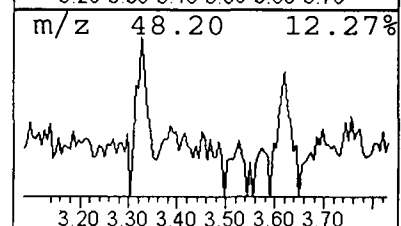
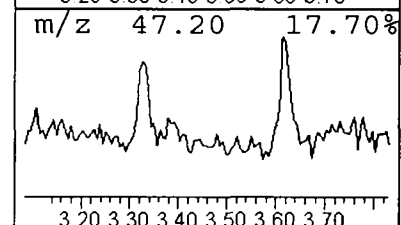
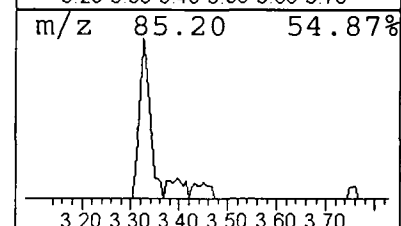
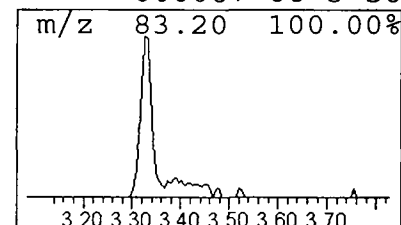
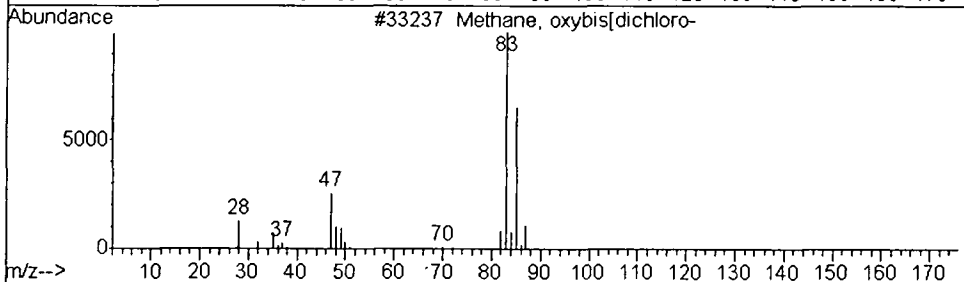
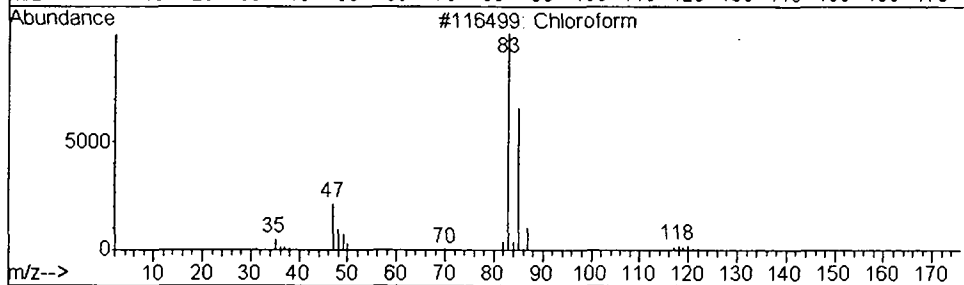
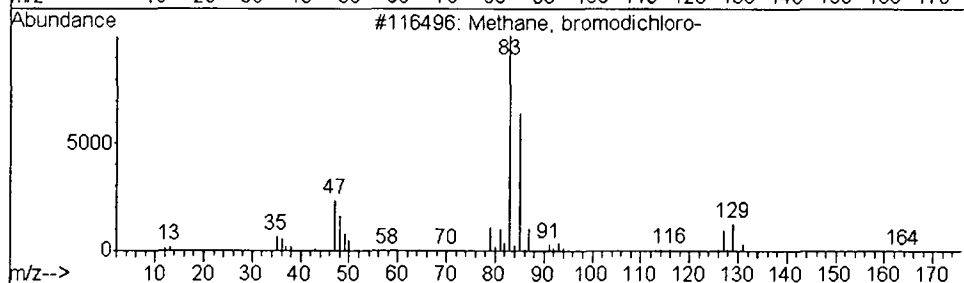
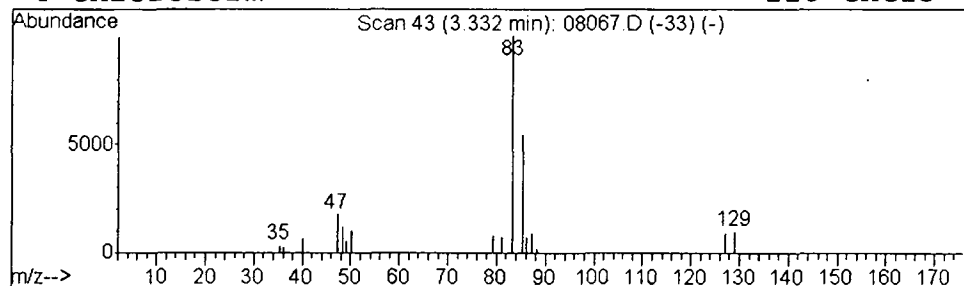
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 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 1 Methane, bromodichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	0.27 ug/L	152008	1,4-Dichlorobenzene-d4	9.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, bromodichloro-	162	CHBrCl2	000075-27-4	83
2		Chloroform	118	CHCl3	000067-66-3	72
3		Methane, oxybis[dichloro-	182	C2H2Cl4O	020524-86-1	56
4		Chloroform	118	CHCl3	000067-66-3	56



Library Search Compound Report

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

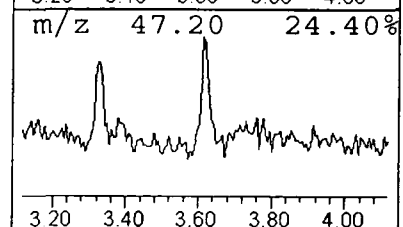
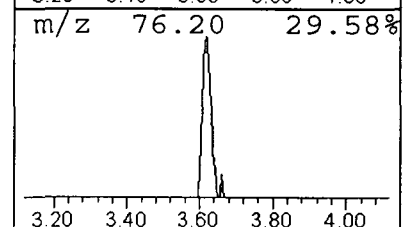
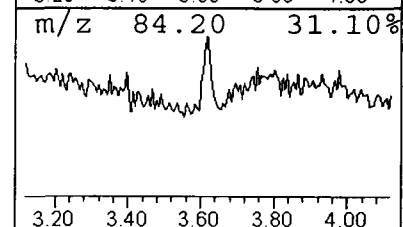
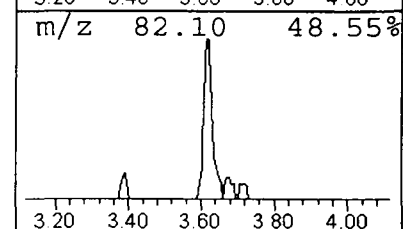
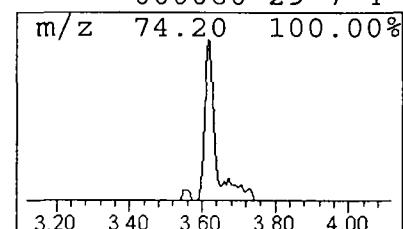
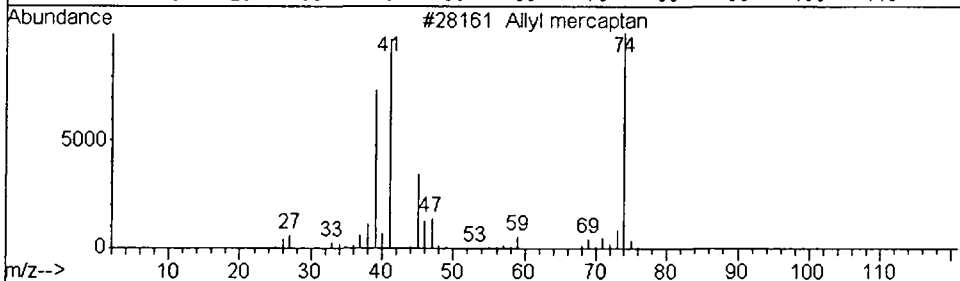
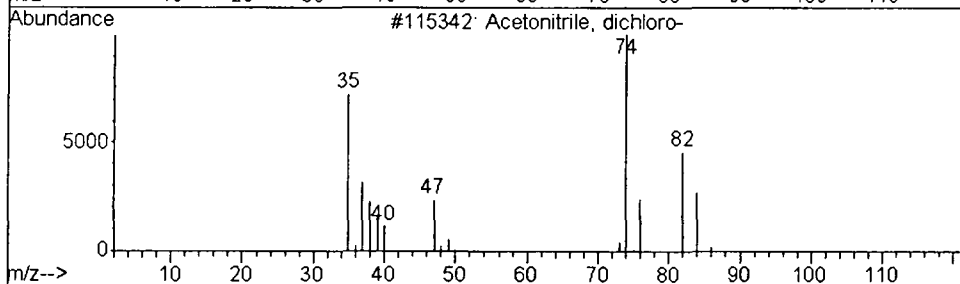
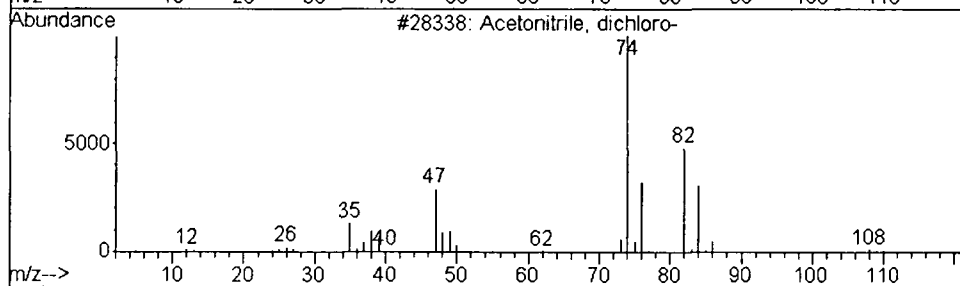
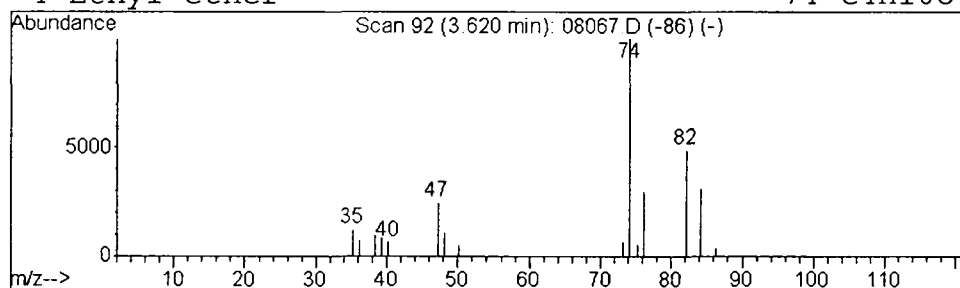
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 2 Acetonitrile, dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.62	0.31 ug/L	170749	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓1			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	90
2			Acetonitrile, dichloro-	109	C2HCl2N	003018-12-0	78
3			Allyl mercaptan	74	C3H6S	000870-23-5	9
4			Ethyl ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

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Acq On : 16 Apr 2002 5:36 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

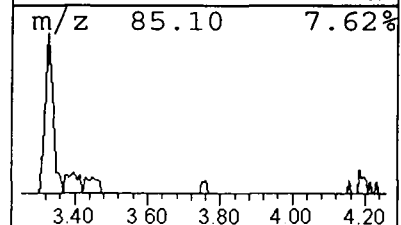
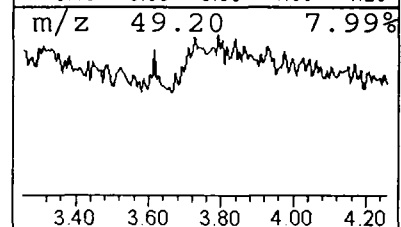
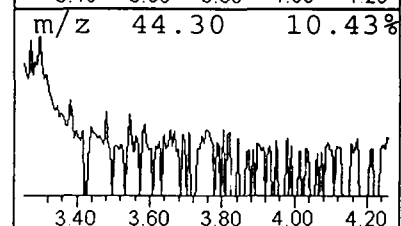
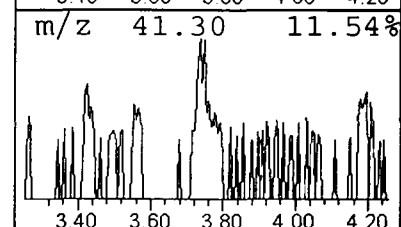
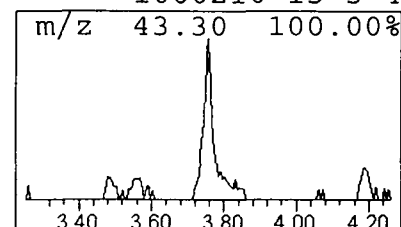
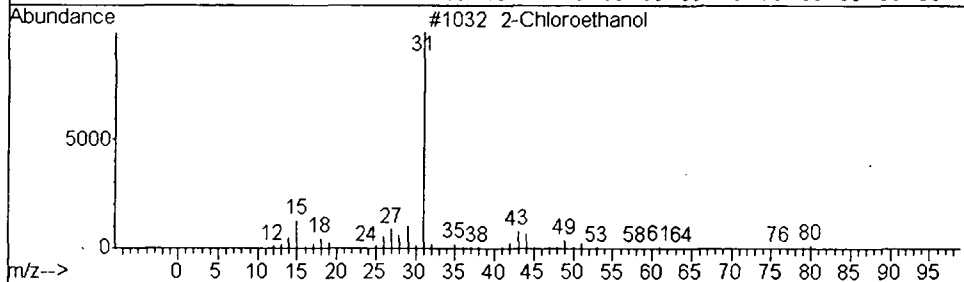
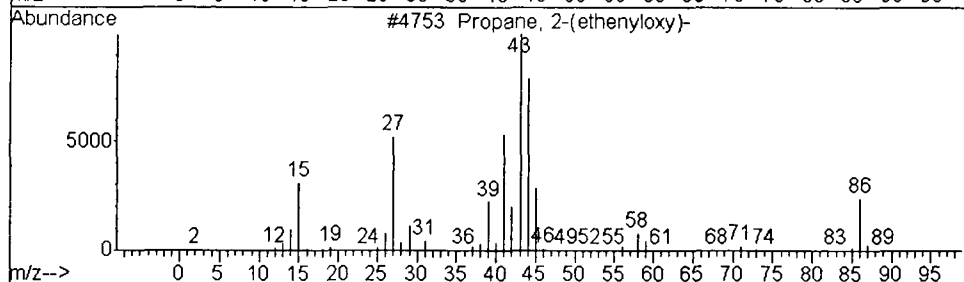
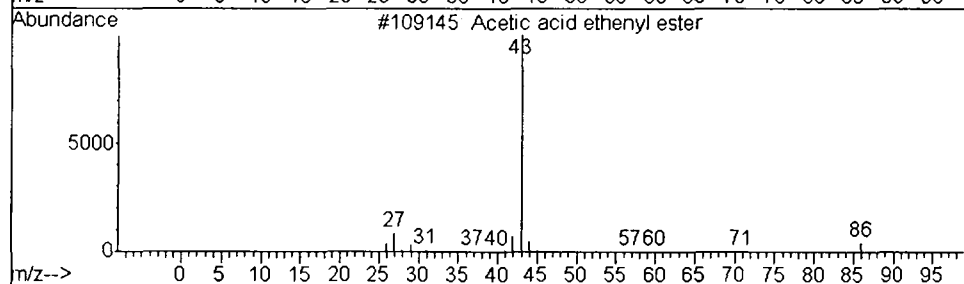
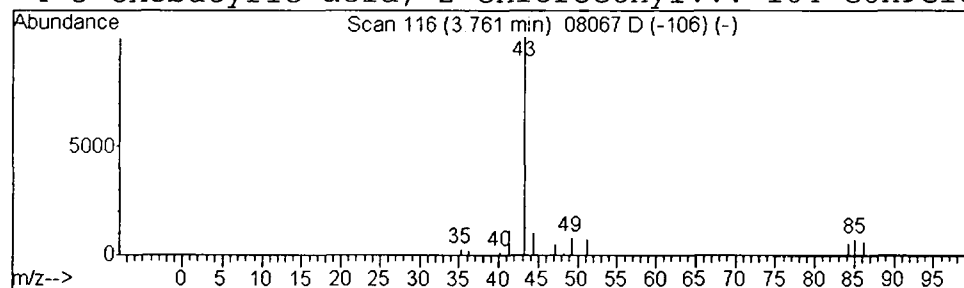
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 3 Acetic acid ethenyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	0.23 ug/L	129507	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	4
2			Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	4
3			2-Chloroethanol	80	C2H5ClO	000107-07-3	4
4			3-Oxobutyric acid, 2-chloroethyl...	164	C6H9ClO3	1000210-13-3	4



Library Search Compound Report

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

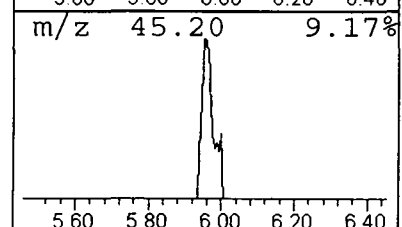
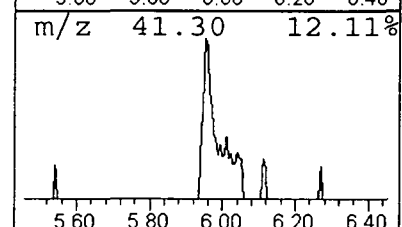
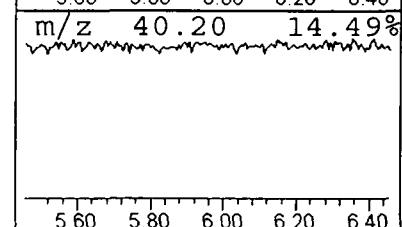
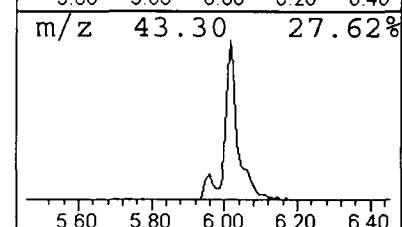
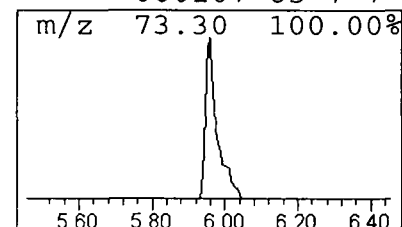
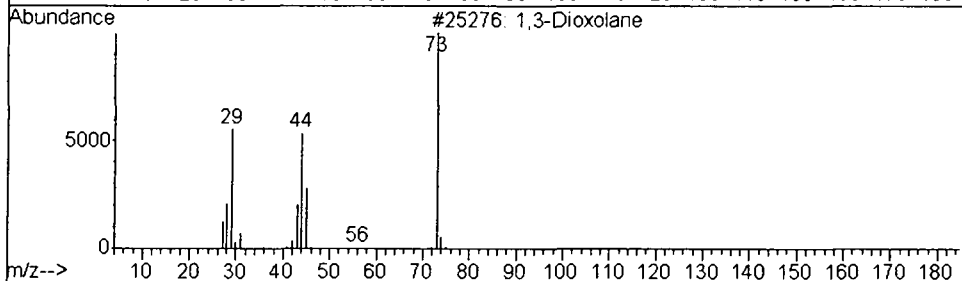
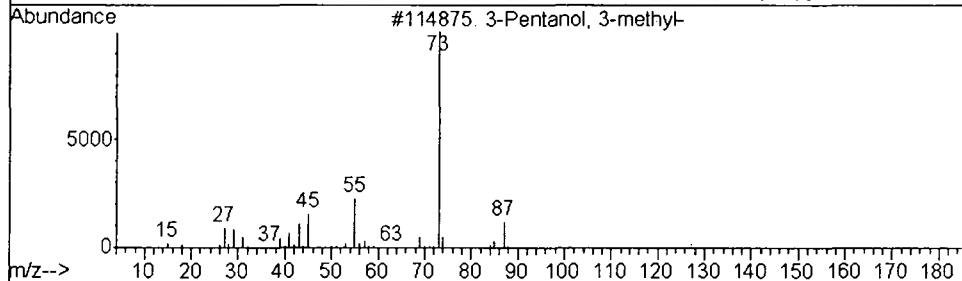
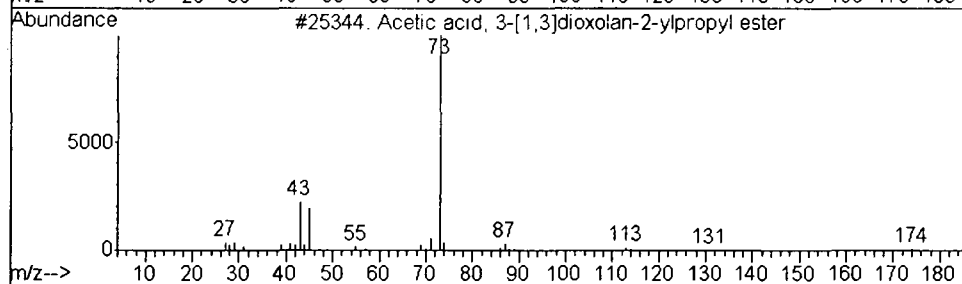
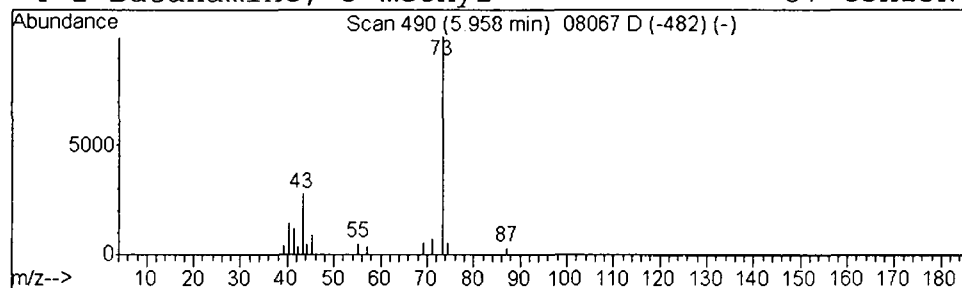
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 4 Acetic acid, 3-[1,3]dioxola... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	0.40 ug/L	223715	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	33
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3			1,3-Dioxolane	74	C3H6O2	000646-06-0	7
4			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7



Library Search Compound Report

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Acq On : 16 Apr 2002 5:36 am
Sample : sample
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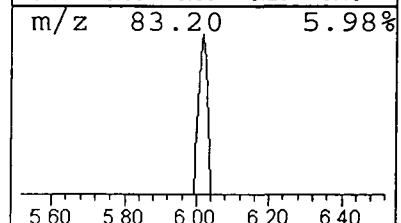
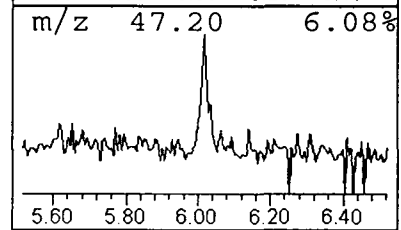
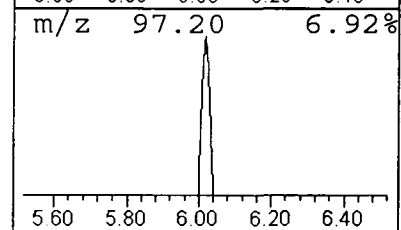
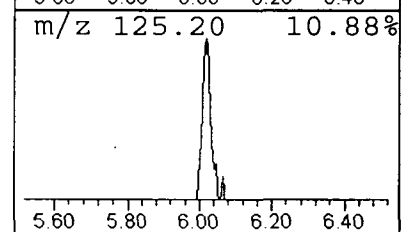
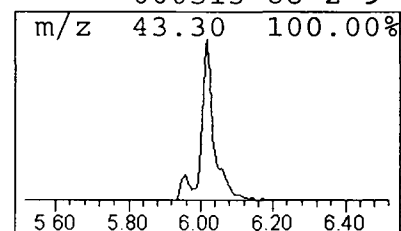
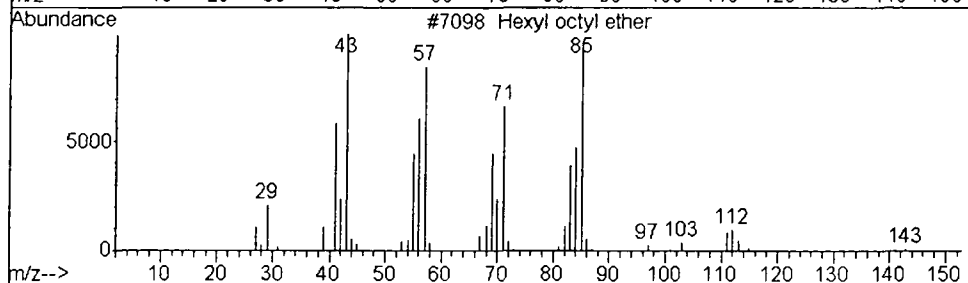
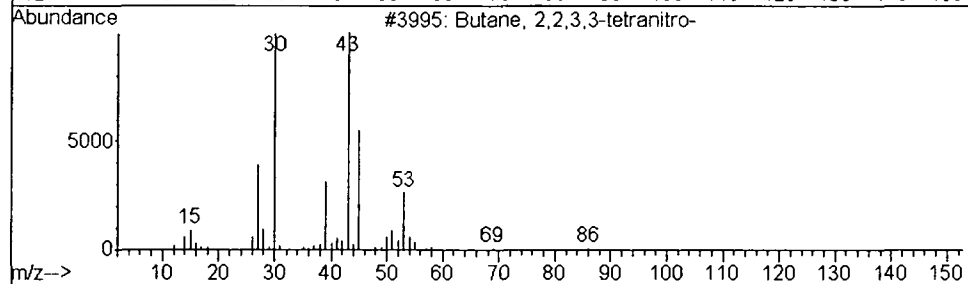
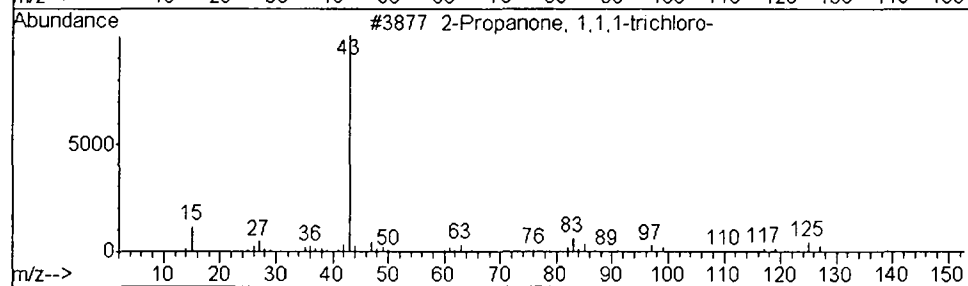
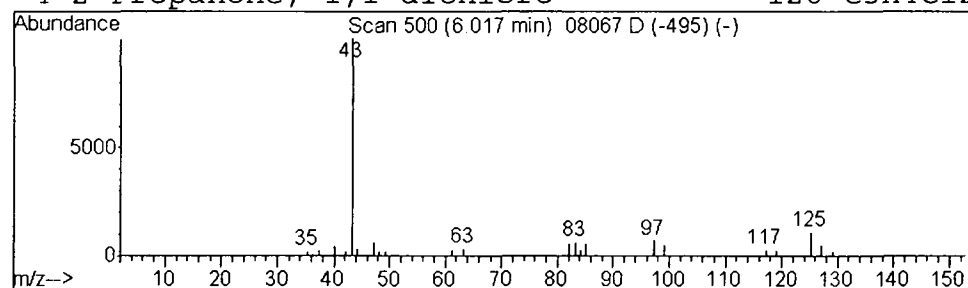
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Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 5 2-Propanone, 1,1,1-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	0.80 ug/L	446960	1,4-Dichlorobenzene-d4	9.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
✓ 1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	83
2			Butane, 2,2,3,3-tetranitro-	238	C4H6N4O8	020919-97-5	12
3			Hexyl octyl ether	214	C14H30O	017071-54-4	9
4			2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
 Acq On : 16 Apr 2002 5:36 am
 Sample : sample
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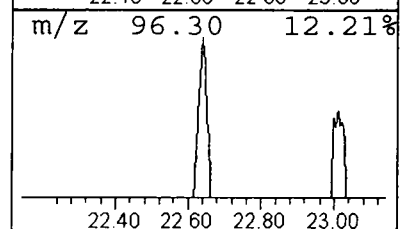
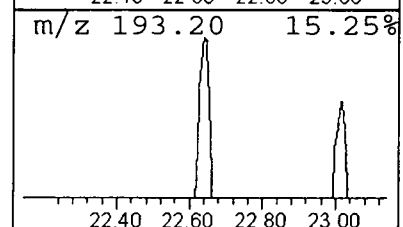
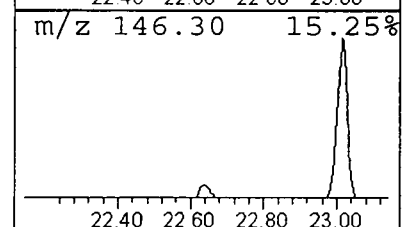
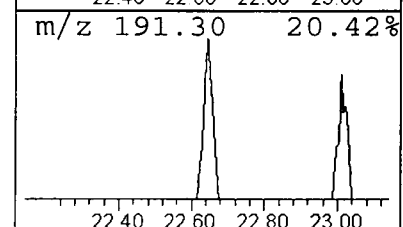
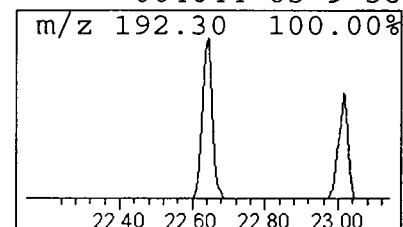
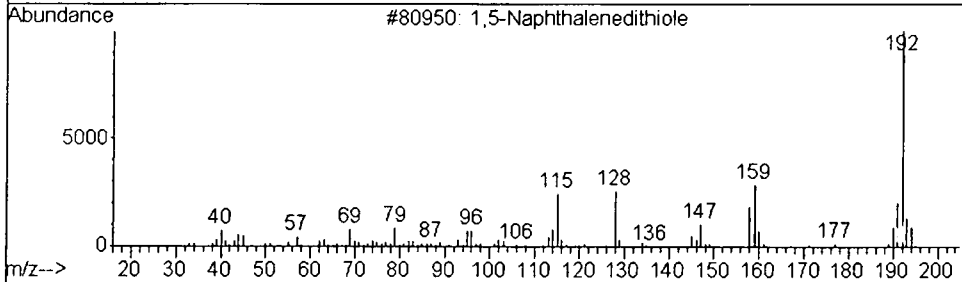
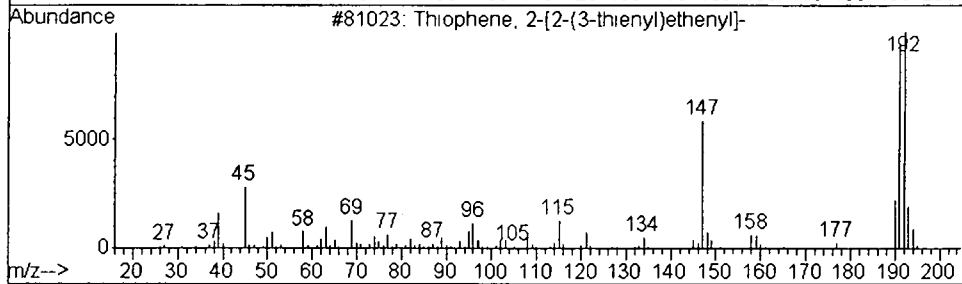
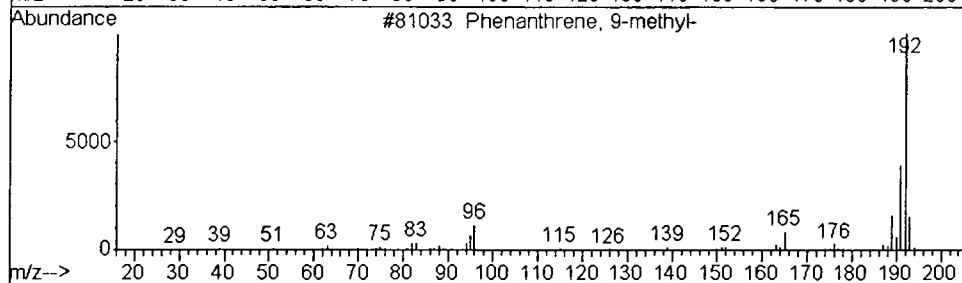
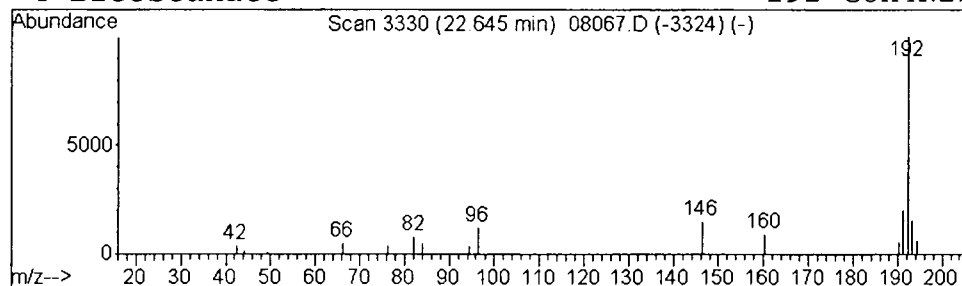
Vial: 24
 Operator: Nefliu
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title : 508 Modified GC/MS scan
 Library : C:\DATABASE\NIST98.L

 Peak Number 6 Phenanthrene, 9-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.64	0.22 ug/L	185092	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	53
2			Thiophene, 2-[2-(3-thienyl)ethen...	192	C10H8S2	116854-09-2	40
3			1,5-Naphthalenedithiole	192	C10H8S2	1000223-69-5	38
4			Bitoscanate	192	C8H4N2S2	004044-65-9	38



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\020415\08067.D
Acq On : 16 Apr 2002 5:36 am
Sample : sample
Misc :
MS Integration Params: LSCINT.e

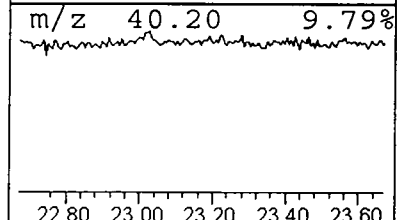
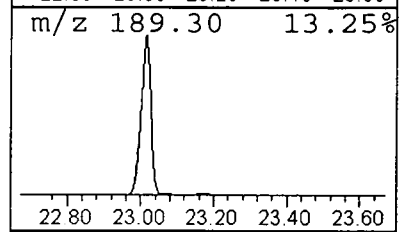
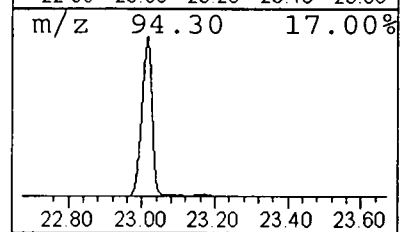
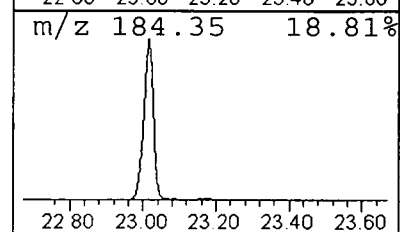
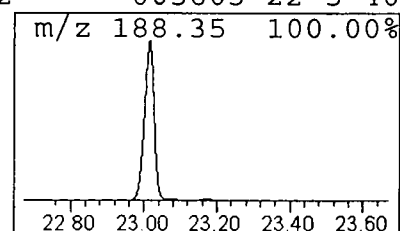
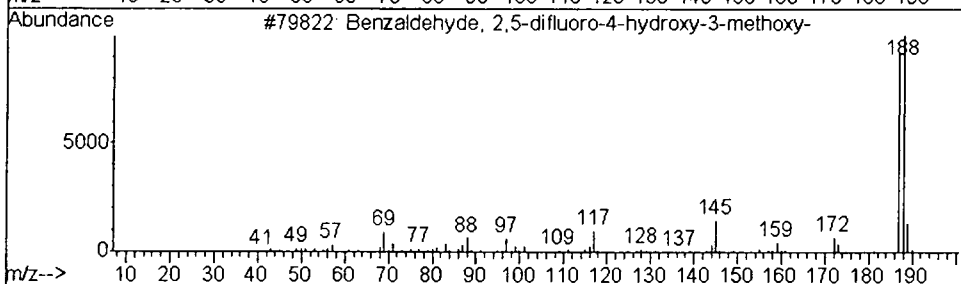
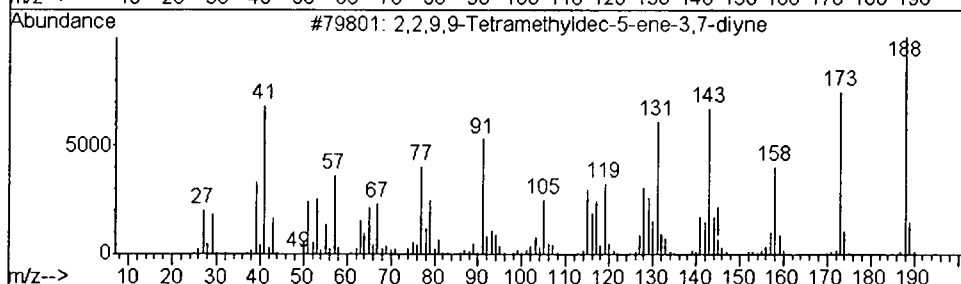
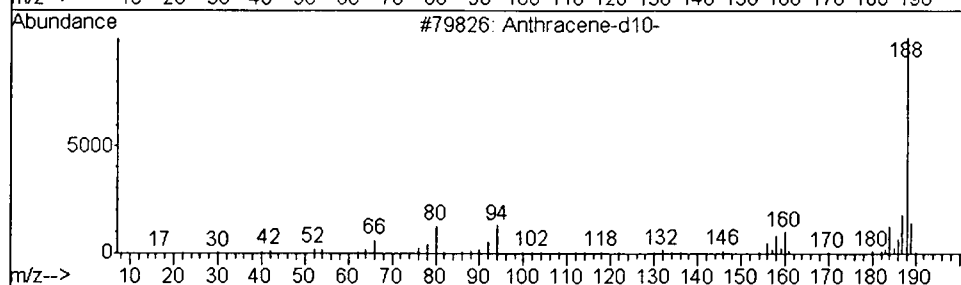
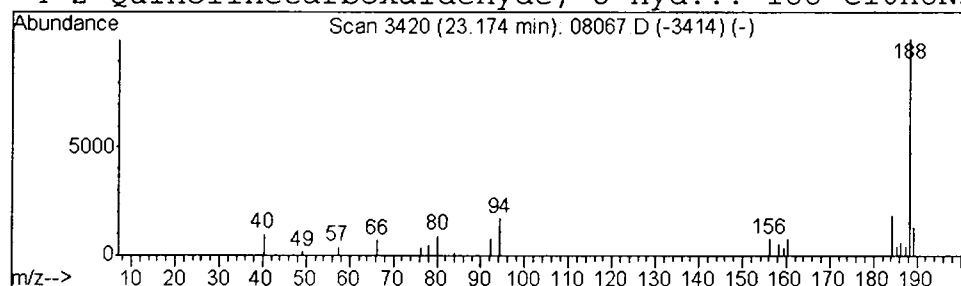
Vial: 24
Operator: Nefliu
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
Title : 508 Modified GC/MS scan
Library : C:\DATABASE\NIST98.L

Peak Number 7 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.17	0.38 ug/L	323710	Phenanthranene-d10	23.02

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	78
2			2,2,9,9-Tetramethyldec-5-ene-3,7...	188	C14H20	102745-35-7	40
3			Benzaldehyde, 2,5-difluoro-4-hyd...	188	C8H6F2O3	148872-77-9	40
4			2-Quinolinecarboxaldehyde, 8-hyd...	188	C10H8N2O2	005603-22-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: Nefliu Date Acquired: 16 Apr 2002 5:36 am
 Data File: C:\MSDCHEM\1\DATA\020415\08067.D
 Name: sample
 Misc:
 Method: C:\MSDCHEM\1\METHODS\041202SCAN.M (Chemstation Integrator)
 Title: 508 Modified GC/MS scan
 Library Searched: C:\DATABASE\NIST98.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
✓ Methane, bromodic...	3.33	0.3	ug/L	152008	1	9.98	22273700	40.0
✓ Acetonitrile, dic...	3.62	0.3	ug/L	170749	1	9.98	22273700	40.0
Acetic acid ethen...	3.76	0.2	ug/L	129507	1	9.98	22273700	40.0
Acetic acid, 3-[1...	5.96	0.4	ug/L	223715	1	9.98	22273700	40.0
✓ 2-Propanone, 1,1,...	6.02	0.8	ug/L	446960	1	9.98	22273700	40.0
Phenanthrene, 9-m...	22.64	0.2	ug/L	185092	4	23.02	33894700	40.0
Anthracene-d10-	23.17	0.4	ug/L	323710	4	23.02	33894700	40.0
<i>Phenanthrene-d10</i>								