

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/25/2002 Time: 15:15:00

Sample: AD31647
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/25/02 15:13 Ended: 1/25/02 15:13 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AD31647 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-25-2002 Time: 15:15:18

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

The recoveries for 9 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D

Vial: 3

Acq On : 22 Jan 2002 1:51 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 22 15:30:27 2002

Quant Results File: SCAN508.RES

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

Title : 508 scan method

Last Update : Fri Jan 11 13:20:07 2002

Response via : Initial Calibration

DataAcq Meth : SCAN508

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.71	152	1065496	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	4521952	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	2418589	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.63	188	4135210	20.00	ug/L	-0.03
38) Chrysene-d12	30.49	240	3516767	20.00	ug/L	-0.02
44) Perylene-d12	34.42	264	2512593	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	297132	4.55	ug/L	0.00
Spiked Amount	5.000		Recovery	=	91.00%	

Target Compounds

						Qvalue
2) n-Nitrosodimethylamine	3.60	74	12189	0.27	ug/L	# 13
20) Dimethylphthalate	18.34	163	386553	2.42	ug/L	# 55
21) 2,6-Dinitrotoluene	18.34	165	306496	9.84	ug/L	# 17
35) Di-n-butylphthalate	24.85	149	111555	0.42	ug/L	98
42) Bis(2-ethylhexyl)phthalate	31.09	149	11944	0.62	ug/L	89

(#) = qualifier out of range (m) = manual integration

31647.D SCAN508.M Tue Jan 22 15:30:28 2002

Page 1

Quantitation Report

(Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D

Vial: 3

Acq On : 22 Jan 2002 1:51 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 22, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 22 15:30 2002

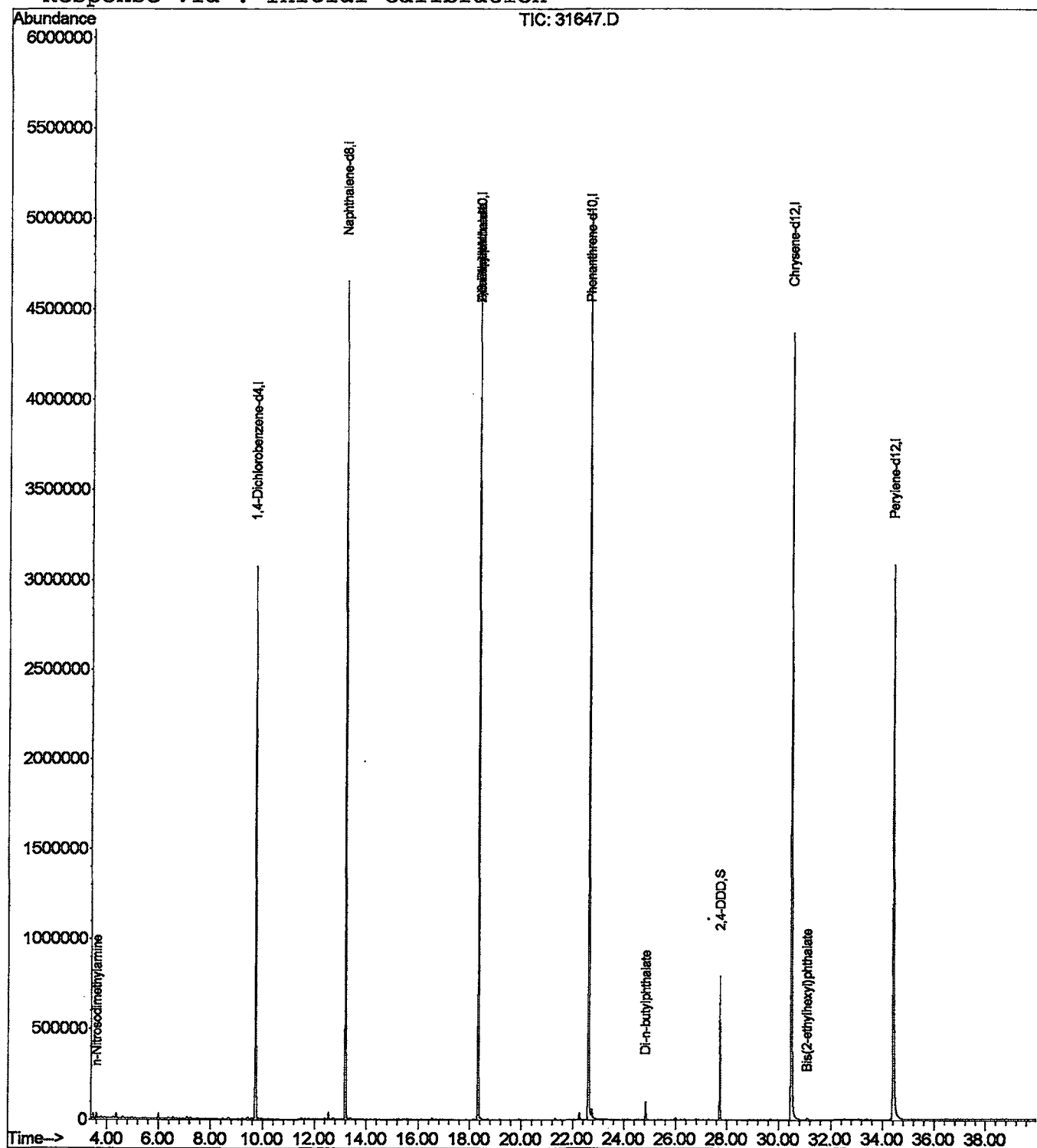
Quant Results File: SCAN508.RE

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)

Title : 508 scan method

Last Update : Fri Jan 11 13:20:07 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D

Acq On : 22 Jan 2002 1:51 pm

Sample : 508 scan

Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 3

Operator:

Inst : Instrumen

Multiplr: 1.00

Method : C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)

Title : 508 scan method

Smoothing : OFF

Sampling : 2

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 100 Area counts

Max Peaks: 20

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

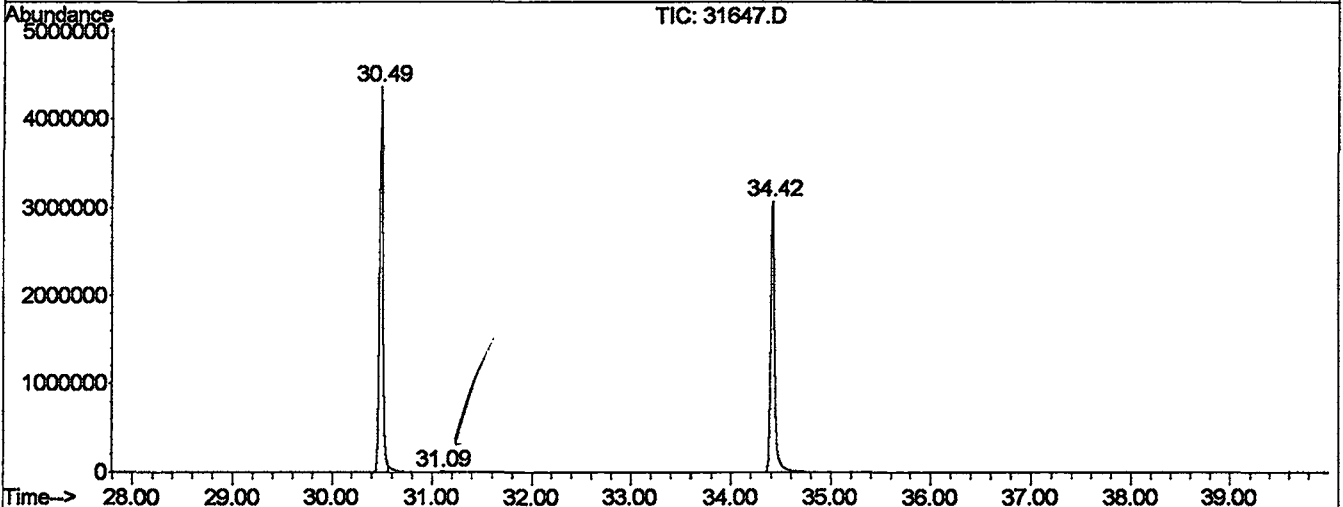
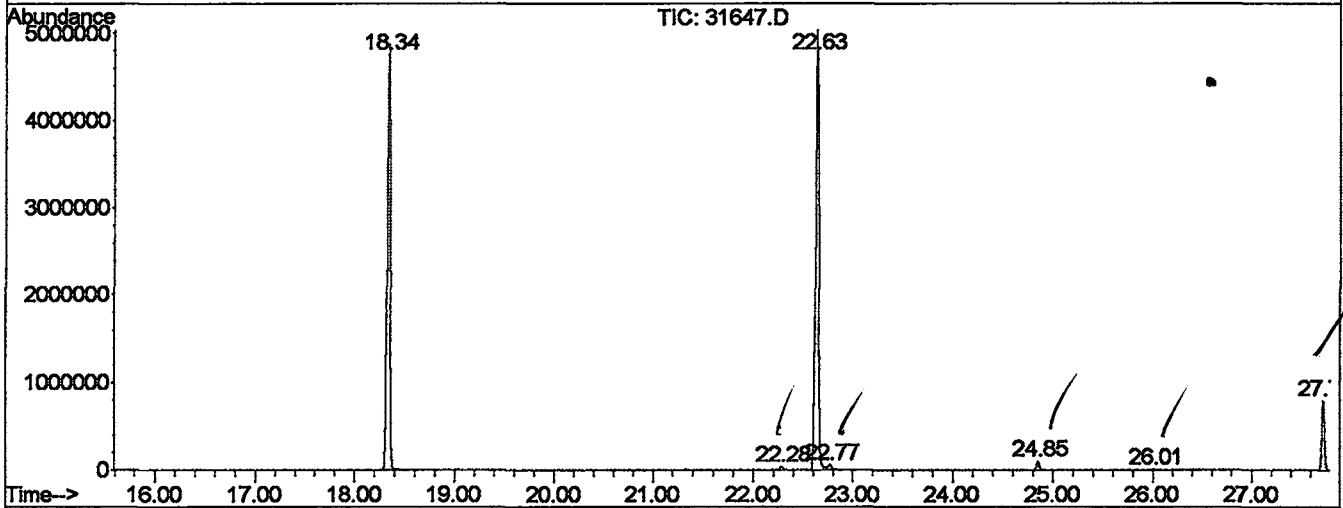
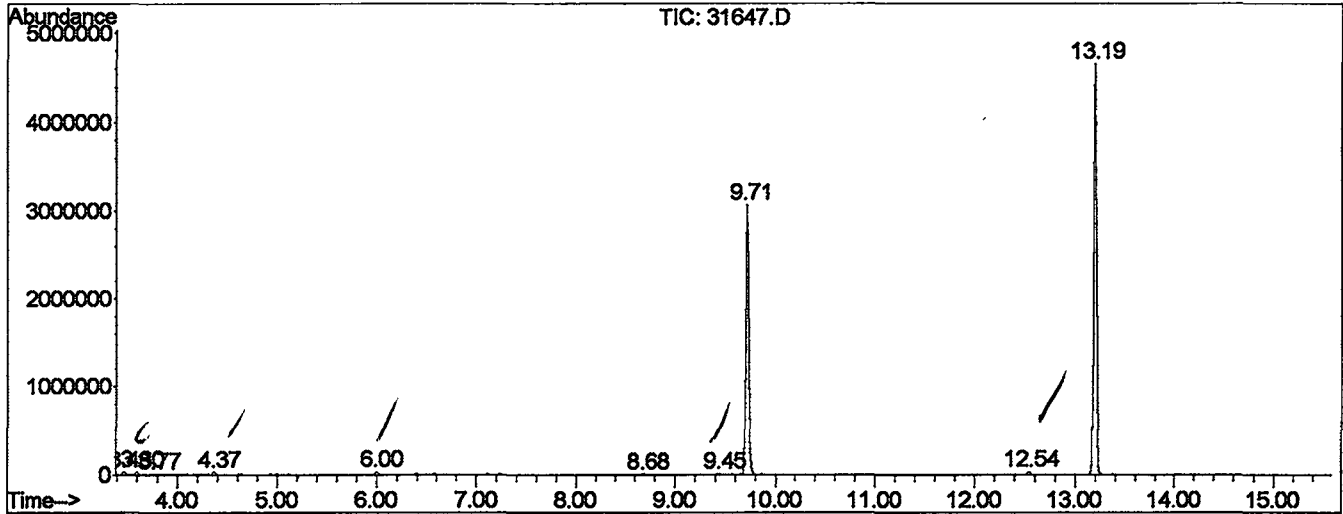
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.477	5	9	13	rVB	27083	47597	0.43%	0.084%
2	3.602	15	20	23	rBV	30327	52211	0.48%	0.092%
3	3.773	29	35	45	rBV4	7646	35590	0.32%	0.063%
4	4.367	83	87	91	rBV	25397	43179	0.39%	0.076%
5	6.000	225	230	233	rBV	30433	52283	0.48%	0.092%
6	8.683	459	465	473	rBV2	9186	27250	0.25%	0.048%
7	9.448	525	532	537	rVB3	11040	35523	0.32%	0.063%
8	9.710	551	555	563	rVB	3070206	6104542	55.70%	10.800%
9	12.542	799	803	807	rVV	36649	60586	0.55%	0.107%
10	13.192	855	860	865	rBV	4647488	8741306	79.76%	15.465%
11	18.341	1305	1311	1315	rBV	4876243	9803893	89.45%	17.345%
12	22.280	1651	1656	1661	rVB	38307	72433	0.66%	0.128%
13	22.634	1681	1687	1693	rBV2	5036459	10959864	100.00%	19.390%
14	22.771	1695	1699	1715	rVB	57933	195176	1.78%	0.345%
15	24.849	1877	1881	1889	rVB	100900	179052	1.63%	0.317%
16	26.014	1971	1983	1985	rVV	10648	27655	0.25%	0.049%
17	27.726	2127	2133	2137	rBV	792362	1444203	13.18%	2.555%
18	30.489	2369	2375	2381	rBV2	4367890	10161283	92.71%	17.977%
19	31.094	2423	2428	2441	rVB3	9443	36480	0.33%	0.065%
20	34.416	2713	2719	2753	rVB	3078520	8442983	77.04%	14.937%

Sum of corrected areas: 56523089

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
 Operator :
 Acquired : 22 Jan 2002 1:51 pm using AcqMethod SCAN508
 Instrument : Instrumen
 Sample Name: 508 scan
 Misc Info : January 22, 2002
 Vial Number: 3
 Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
 Acq On : 22 Jan 2002 1:51 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

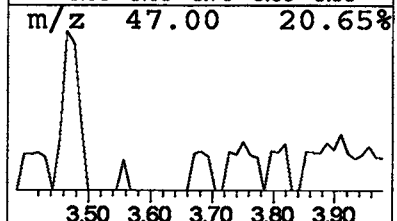
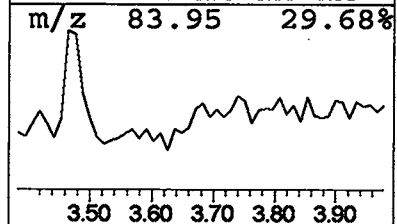
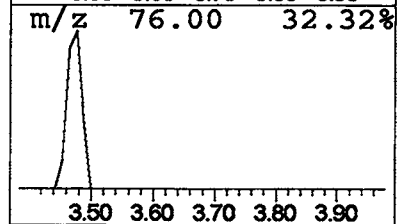
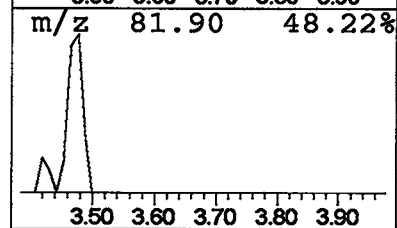
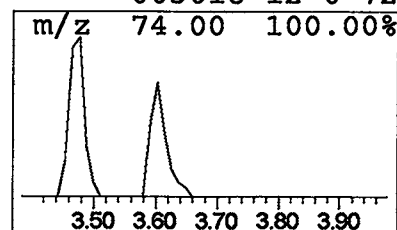
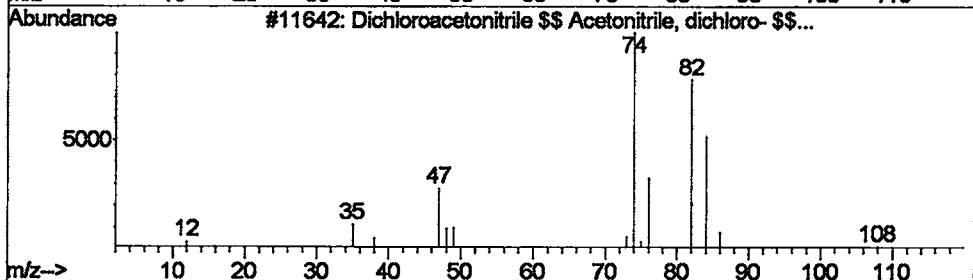
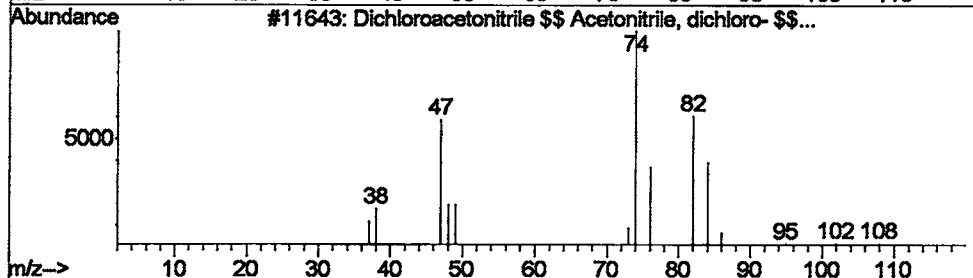
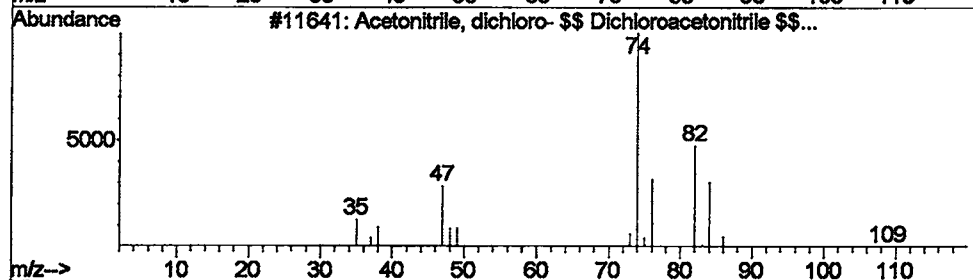
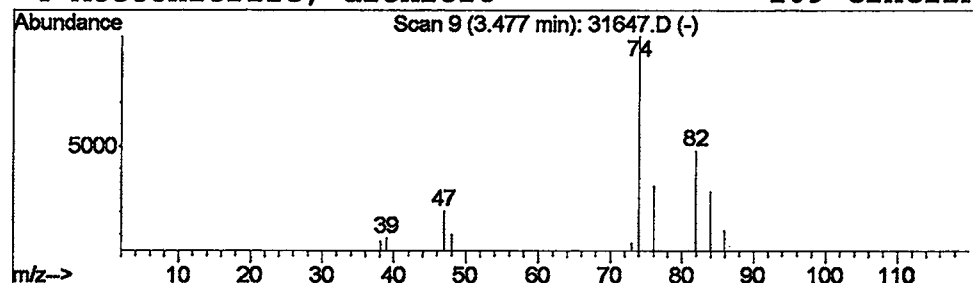
Vial: 3
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 1 Acetonitrile, dichloro- \$\$... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.48	0.16 ug/L	47597	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetonitrile, dichloro- \$\$	Dichl...	109	C2HCl2N	003018-12-0	74
2	Dichloroacetonitrile \$\$	Acetonit...	109	C2HCl2N	003018-12-0	74
3	Dichloroacetonitrile \$\$	Acetonit...	109	C2HCl2N	003018-12-0	74
4	Acetonitrile, dichloro-		109	C2HCl2N	003018-12-0	72



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D

Acq On : 22 Jan 2002 1:51 pm

Sample : 508 scan

Misc : January 22, 2002

MS Integration Params: LSCINT.P

Vial: 3

Operator:

Inst : Instrumen

Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)

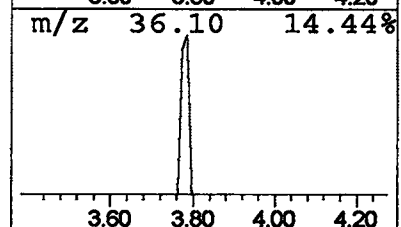
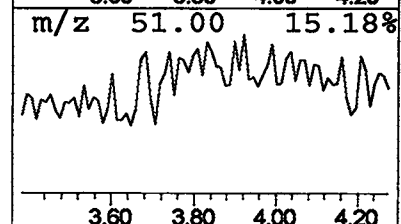
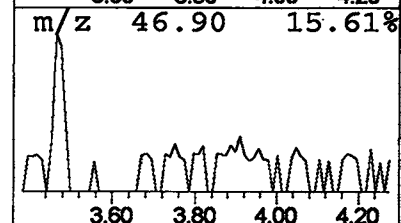
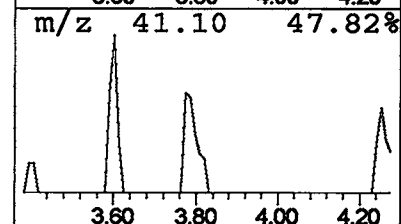
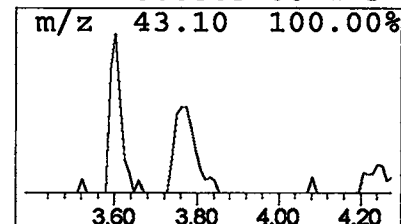
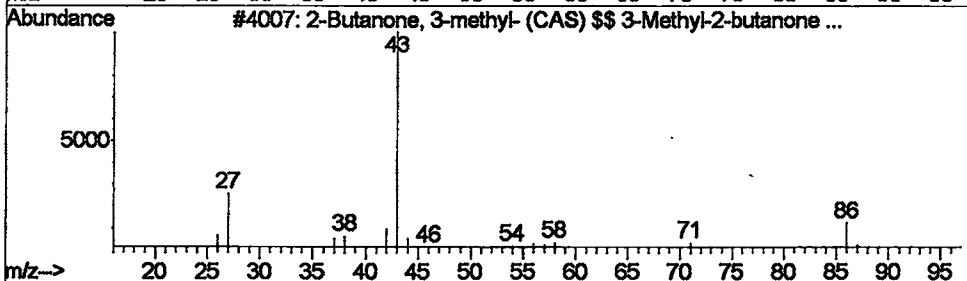
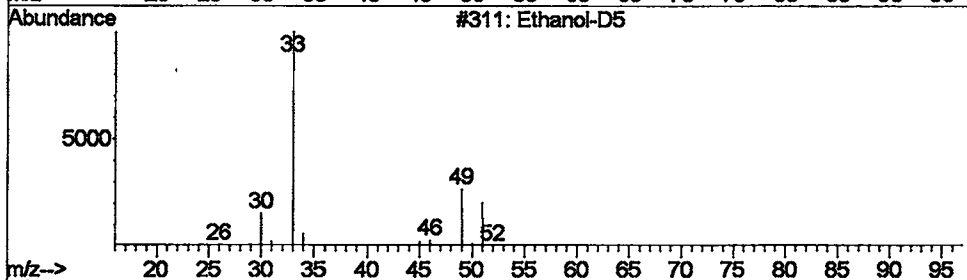
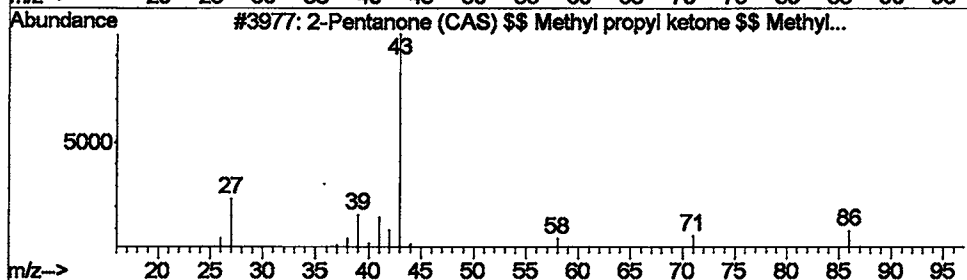
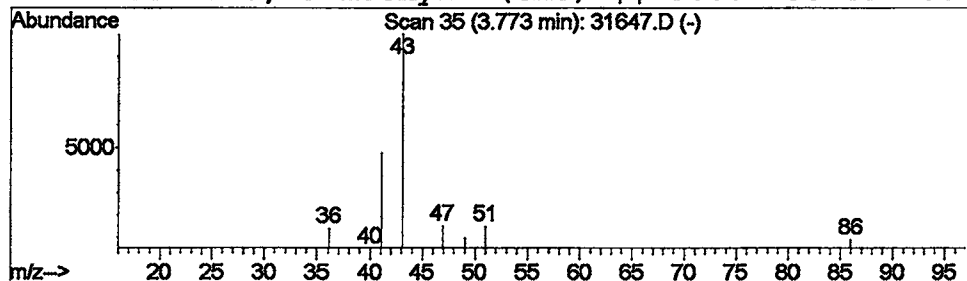
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 2 2-Pentanone (CAS) \$\$ Methyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.77	0.12 ug/L	35590	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone (CAS) \$\$ Methyl prop...	86	C5H10O	000107-87-9	4
2			Ethanol-D5	51	C2HD5O	000000-00-0	4
3			2-Butanone, 3-methyl- (CAS) \$\$ 3...	86	C5H10O	000563-80-4	3
4			2-Butanone, 3-methyl- (CAS) \$\$ 3...	86	C5H10O	000563-80-4	3



Library Search Compound Report

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 Acq On : 22 Jan 2002 1:51 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

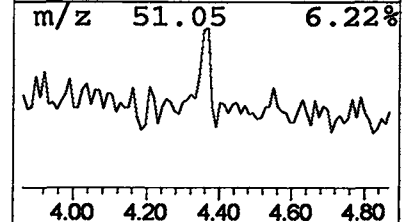
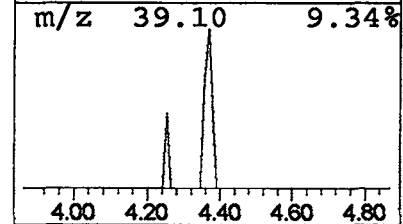
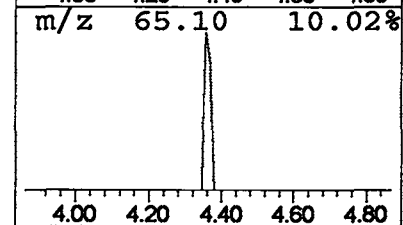
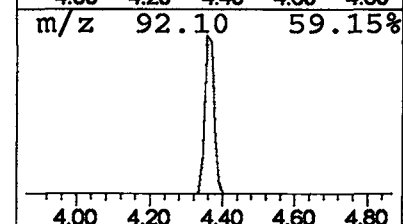
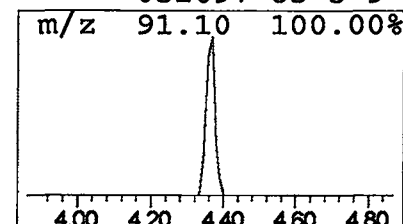
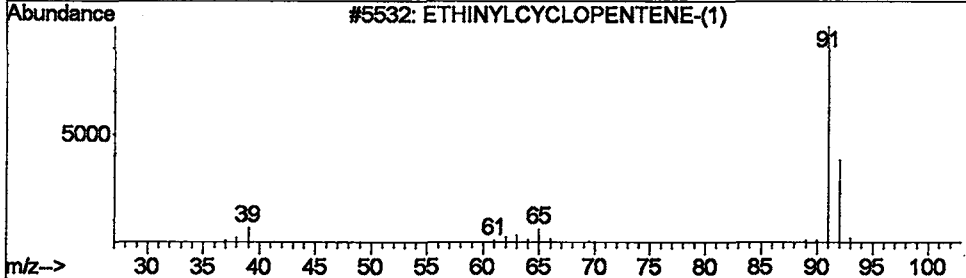
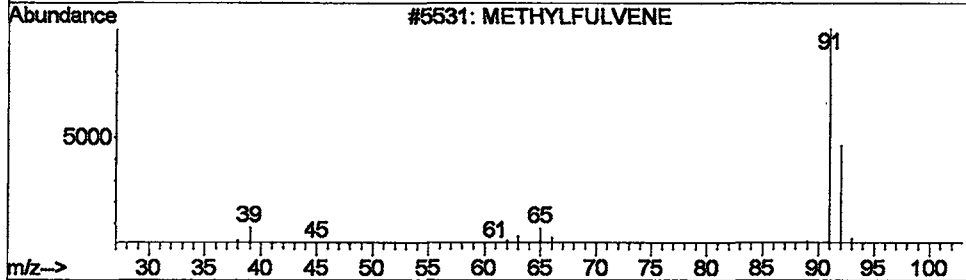
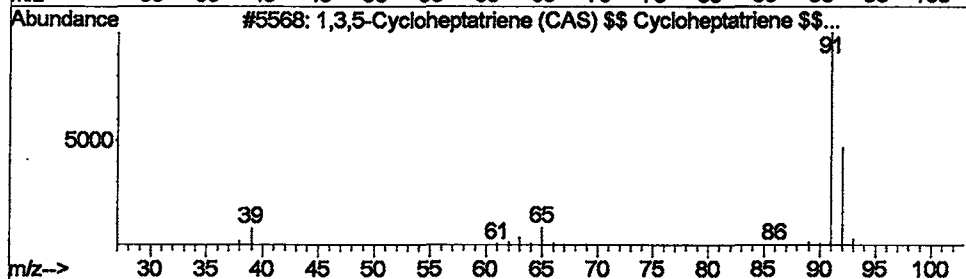
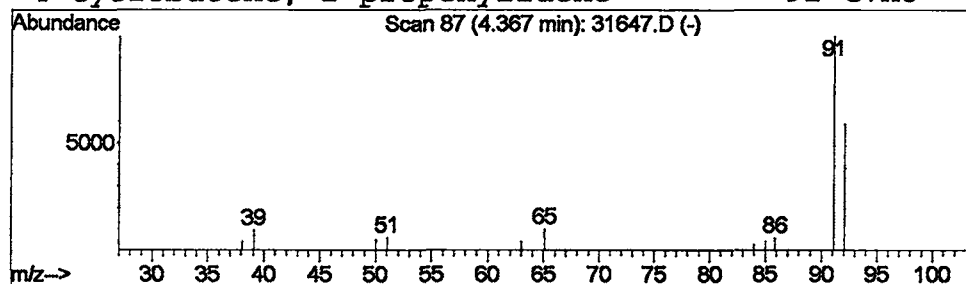
Vial: 3
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 3 1,3,5-Cycloheptatriene (CAS... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.37	0.14 ug/L	43179	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Cycloheptatriene (CAS) \$\$...	92	C7H8	000544-25-2	64	
2	METHYLFULVENE	92	C7H8	000000-00-0	64	
3	ETHINYLCYCLOPENTENE-(1)	92	C7H8	000000-00-0	9	
4	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	9	



Library Search Compound Report

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Acq On : 22 Jan 2002 1:51 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

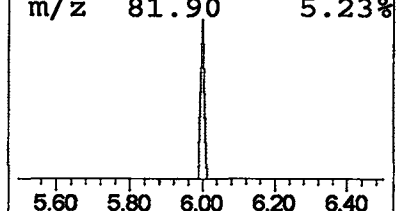
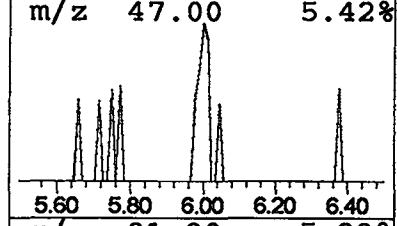
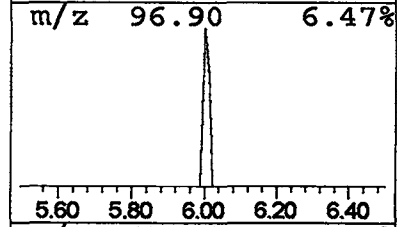
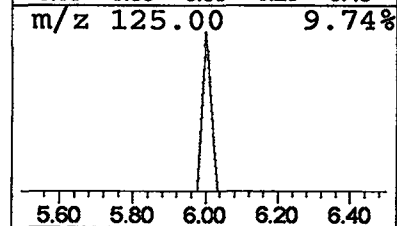
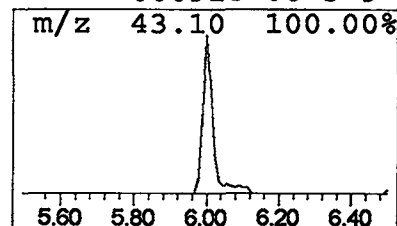
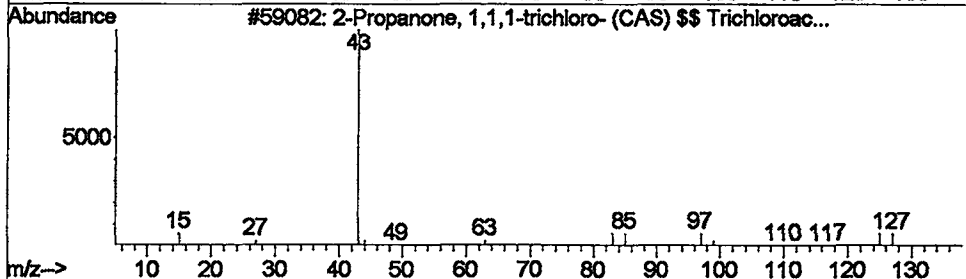
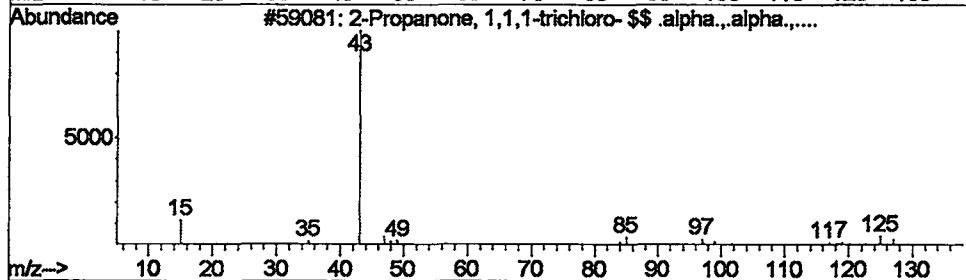
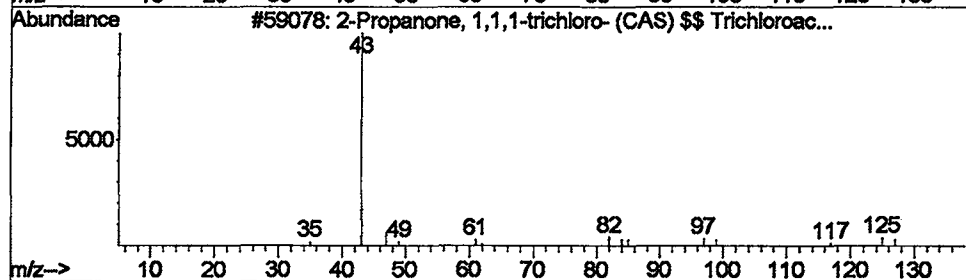
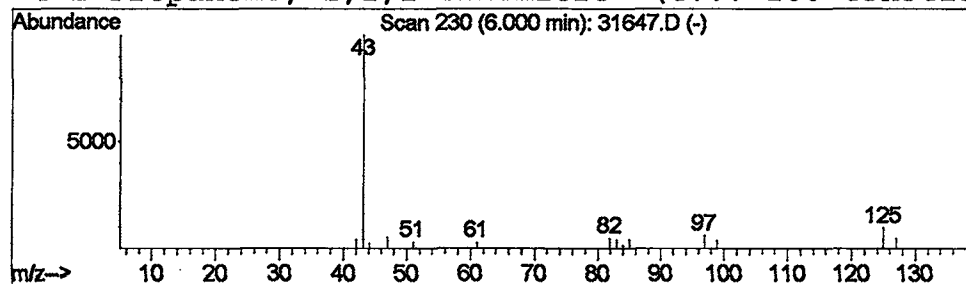
Vial: 3
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 4 2-Propanone, 1,1,1-trichloro... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	0.17 ug/L	52283	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	56
2			2-Propanone, 1,1,1-trichloro- \$\$...	160	C3H3Cl3O	000918-00-3	42
3			2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	38
4			2-Propanone, 1,1,1-trichloro- (C...	160	C3H3Cl3O	000918-00-3	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
Acq On : 22 Jan 2002 1:51 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

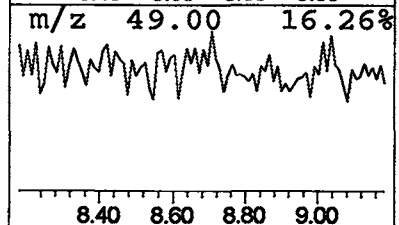
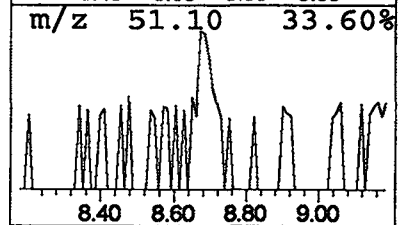
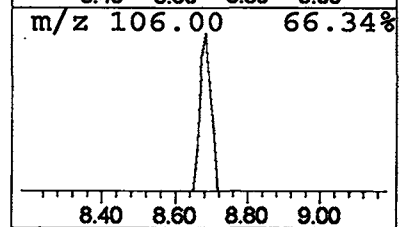
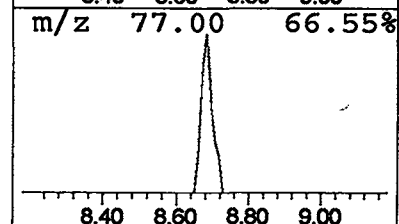
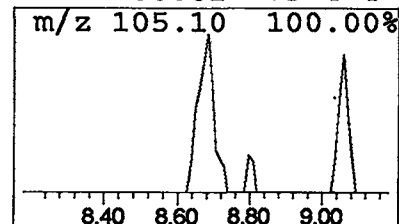
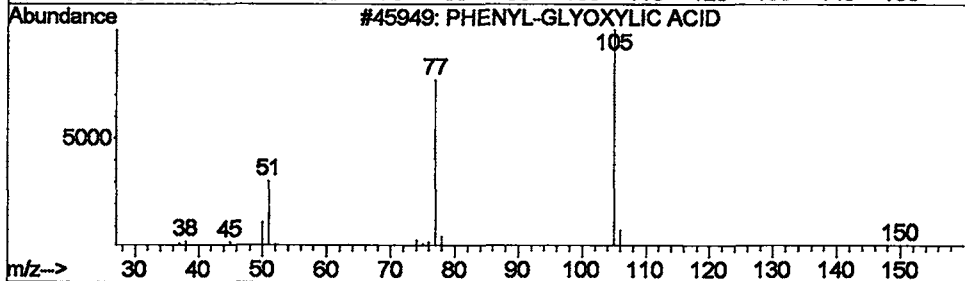
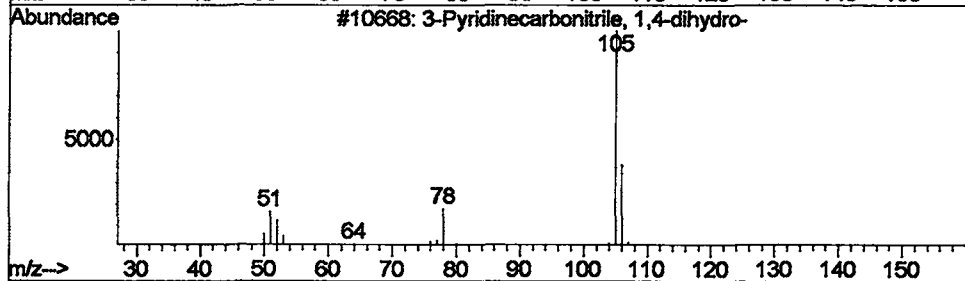
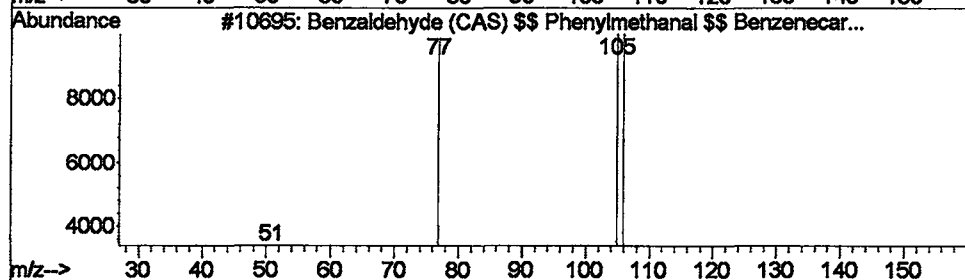
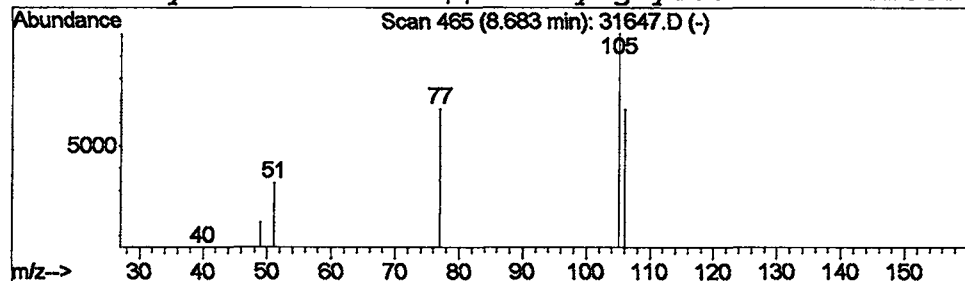
Vial: 3
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 5 Benzaldehyde (CAS) \$\$ Phenyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	0.09 ug/L	27250	1,4-Dichlorobenzene-d4	9.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzaldehyde (CAS) \$\$ Phenylmeth...	106	C7H6O	000100-52-7	9
2		3-Pyridinecarbonitrile, 1,4-dihy...	106	C6H6N2	023974-91-6	4
3		PHENYL-GLYOXYLIC ACID	150	C8H6O3	000000-00-0	4
4		Benzoylformic acid \$\$ Phenylglyo...	150	C8H6O3	000611-73-4	4



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
 Acq On : 22 Jan 2002 1:51 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

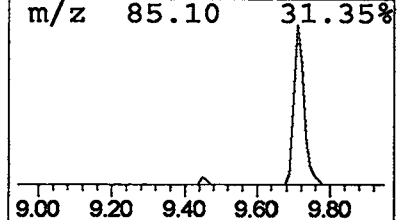
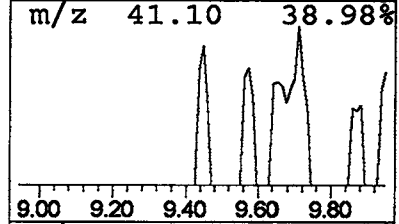
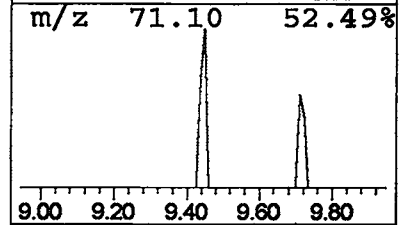
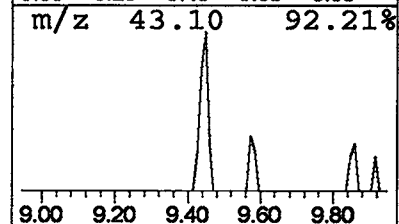
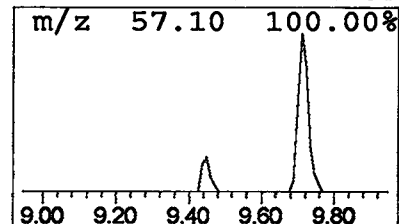
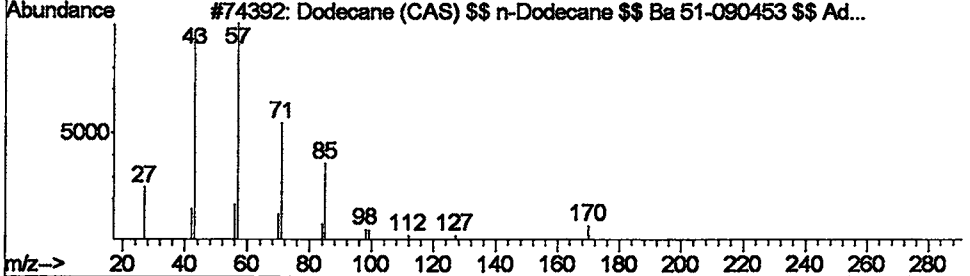
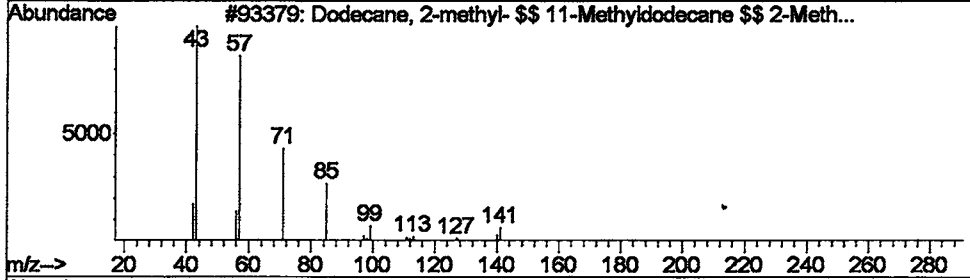
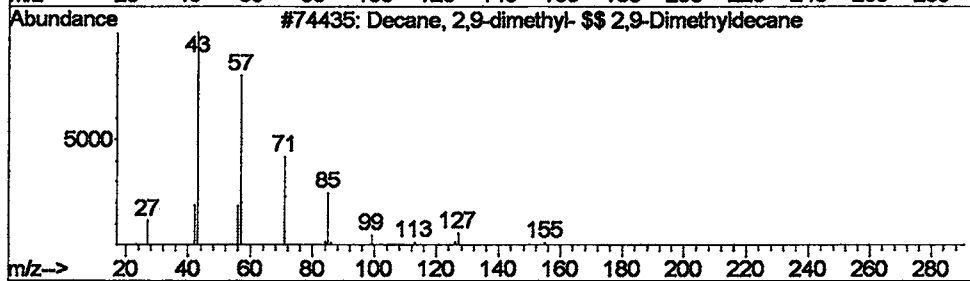
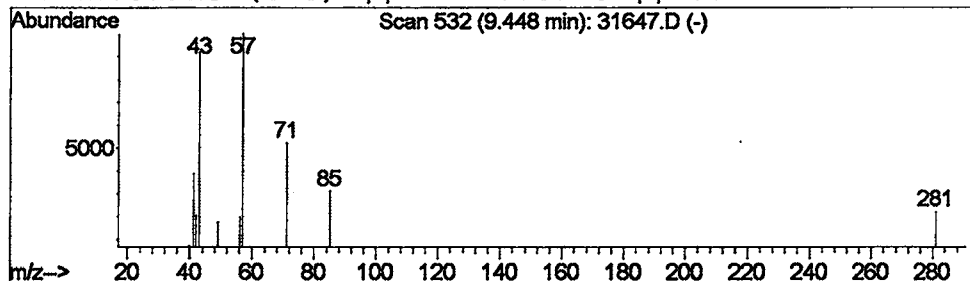
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 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 6 Decane, 2,9-dimethyl- \$\$ 2,... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	0.12 ug/L	35523	1,4-Dichlorobenzene-d4	9.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,9-dimethyl- \$\$ 2,9-Dim...	170	C12H26	001002-17-1	64
2			Dodecane, 2-methyl- \$\$ 11-Methyl...	184	C13H28	001560-97-0	64
3			Dodecane (CAS) \$\$ n-Dodecane \$\$...	170	C12H26	000112-40-3	53
4			Undecane (CAS) \$\$ n-Undecane \$\$...	156	C11H24	001120-21-4	53



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
Acq On : 22 Jan 2002 1:51 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

Vial: 3
Operator:
Inst : Instrumen
Multiplr: 1.00

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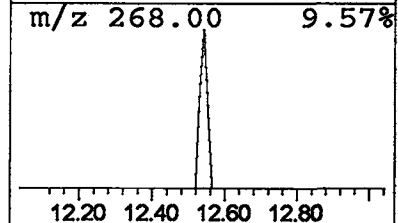
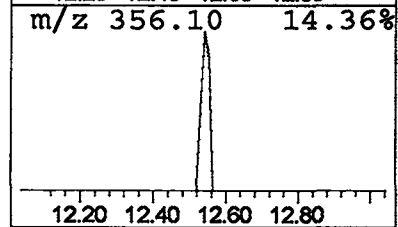
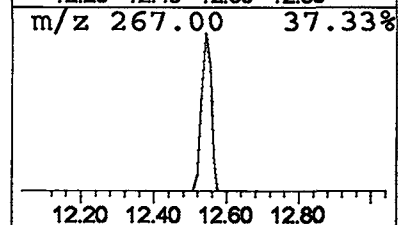
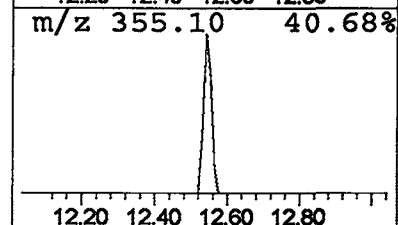
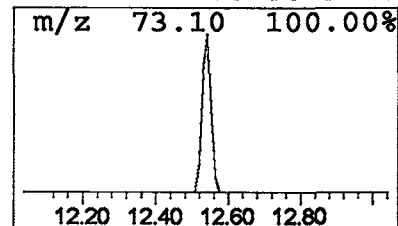
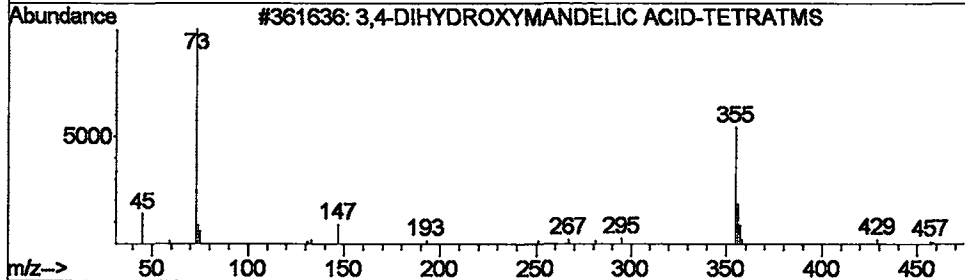
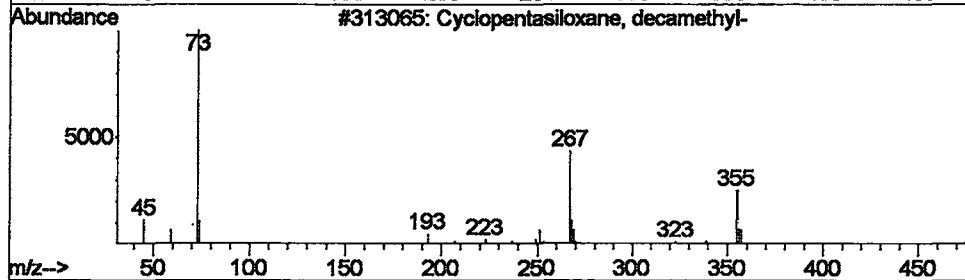
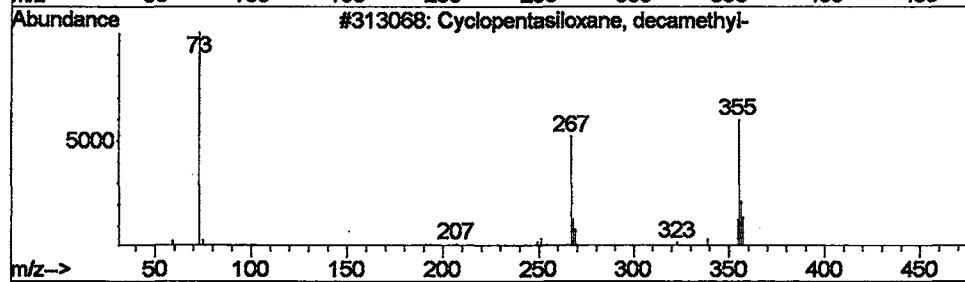
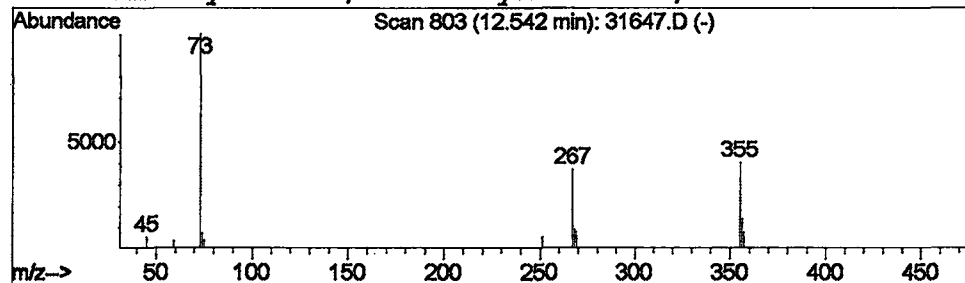
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 7 Cyclopentasiloxane, decamet... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.14 ug/L	60586	Naphthalene-d8	13.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	78
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
3		3,4-DIHYDROXYMANDELIC ACID-TETRATMS	472	C20H40O5Si4	000000-00-0	42
4		Phenethylamine, N-methyl-.beta.,...	399	C18H37NO3Si3	010538-85-9	40



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
 Acq On : 22 Jan 2002 1:51 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

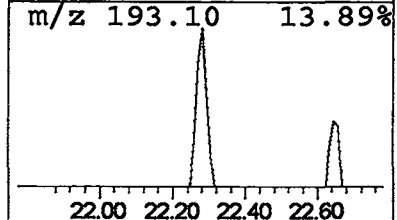
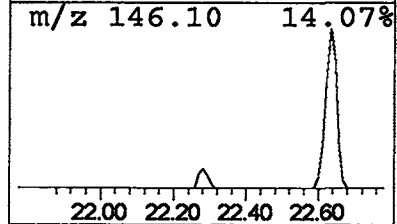
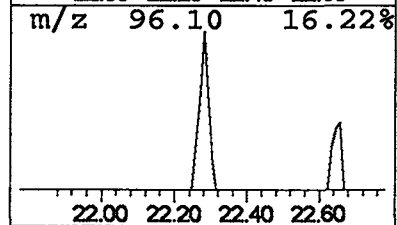
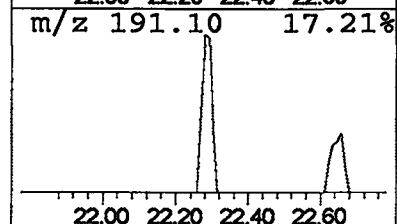
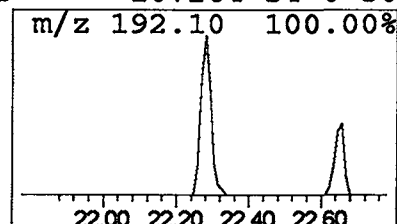
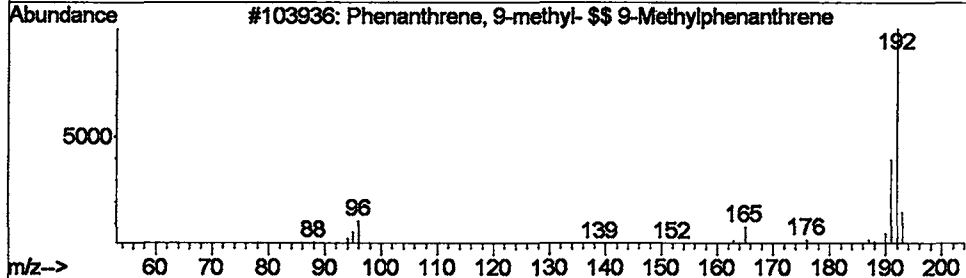
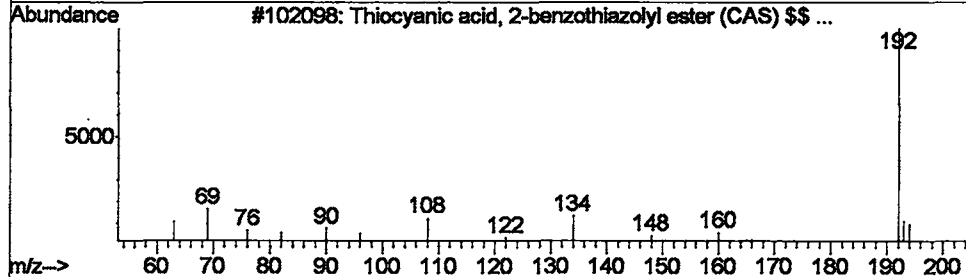
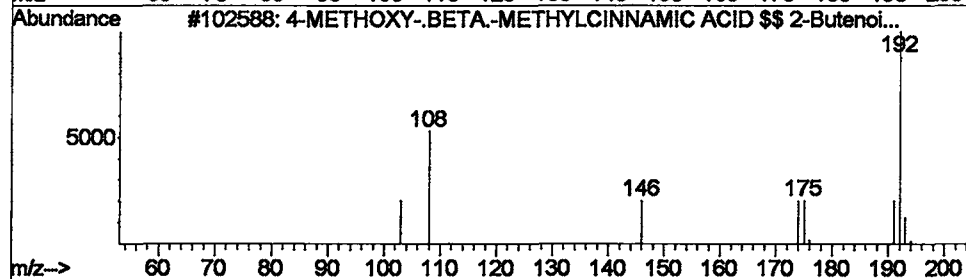
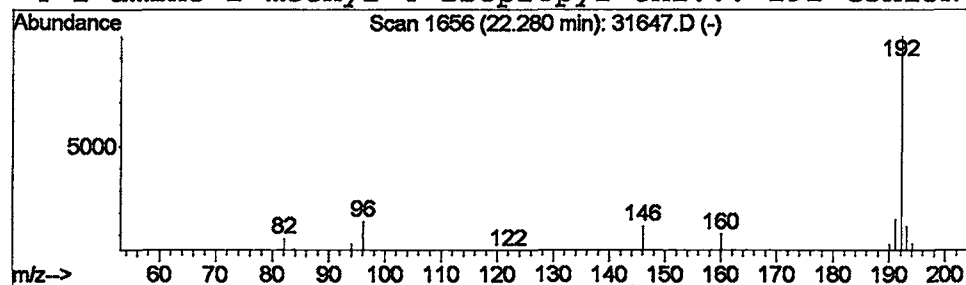
Vial: 3
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 8 4-METHOXY-.BETA.-METHYLCINN... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.13 ug/L	72433	Phenanthrene-d10	22.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-METHOXY-.BETA.-METHYLCINNAMIC ...	192	C11H12O3	019169-94-9	72
2			Thiocyanic acid, 2-benzothiazoly...	192	C8H4N2S2	006011-99-0	59
3			Phenanthrene, 9-methyl- \$\$ 9-Met...	192	C15H12	000883-20-5	59
4			1-amino-2-methyl-4-isopropyl-thi...	192	C5H13N4PS	107264-54-0	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
 Acq On : 22 Jan 2002 1:51 pm
 Sample : 508 scan
 Misc : January 22, 2002
 MS Integration Params: LSCINT.P

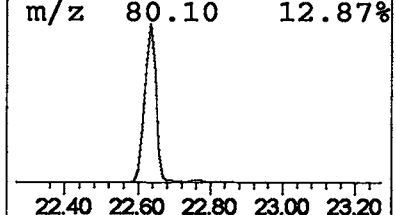
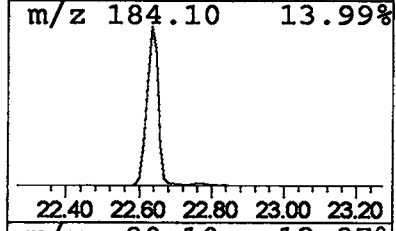
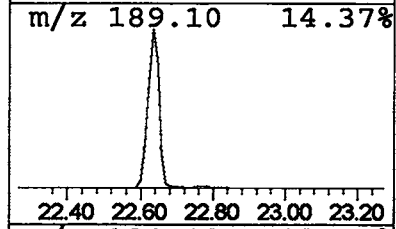
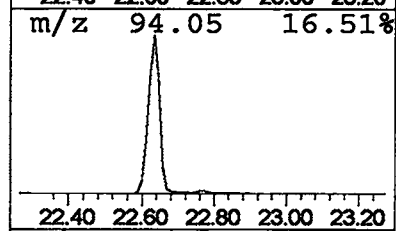
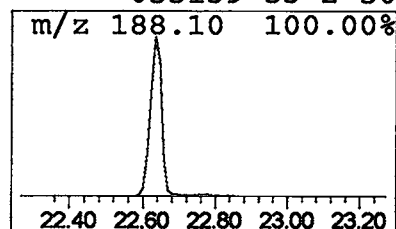
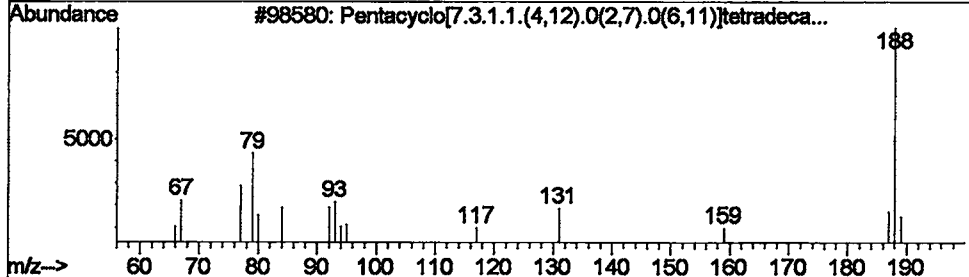
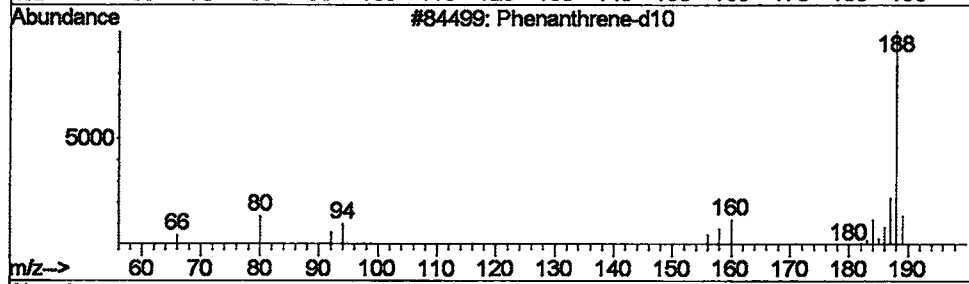
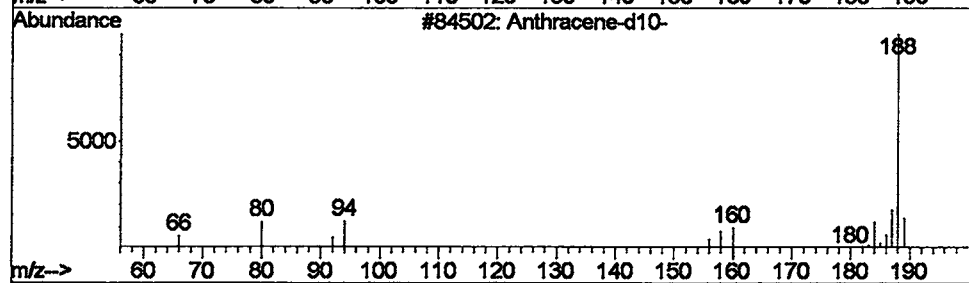
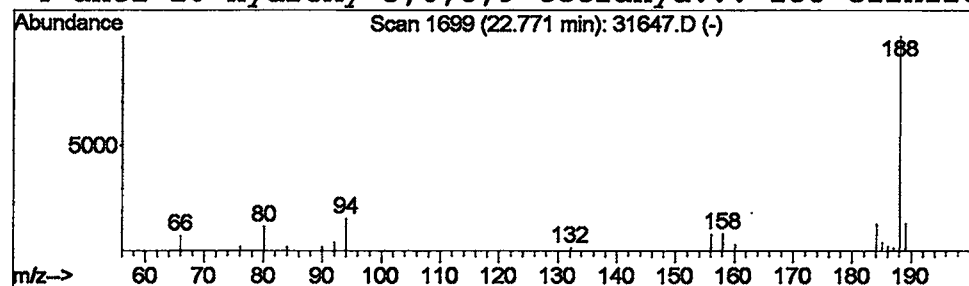
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 Operator:
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
 Title : 508 scan method
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 9 Anthracene-d10- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.36 ug/L	195176	Phenanthrene-d10	22.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene-d10-	188	C14D10	001719-06-8	90
2			Phenanthrene-d10	188	C14D10	001517-22-2	87
3			Pentacyclo[7.3.1.1.(4,12).0(2,7)...]	188	C14H20	000000-00-0	59
4			anti-10-hydroxy-5,6,8,9-tetrahyd...	188	C12H12O2	055139-53-2	50



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN22\31647.D
Acq On : 22 Jan 2002 1:51 pm
Sample : 508 scan
Misc : January 22, 2002
MS Integration Params: LSCINT.P

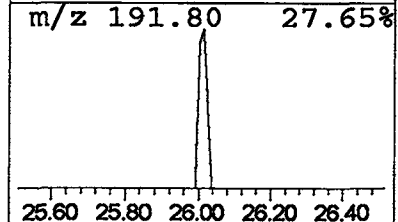
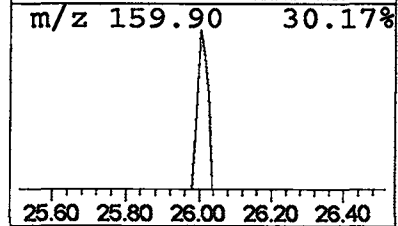
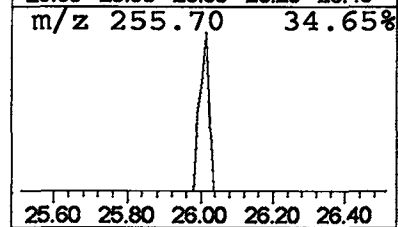
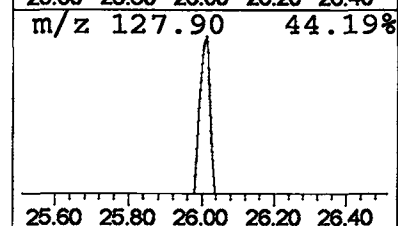
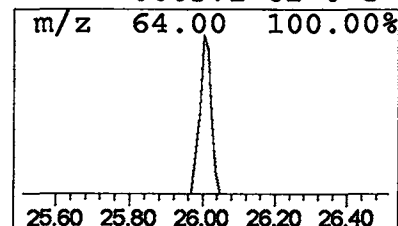
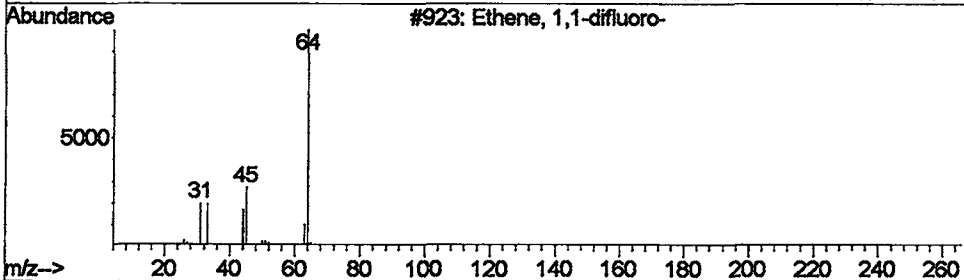
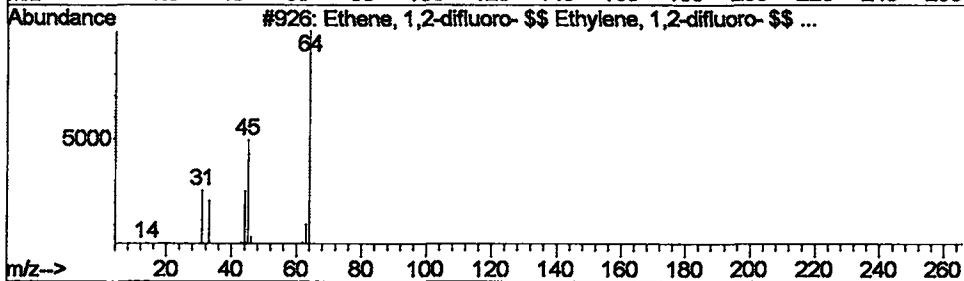
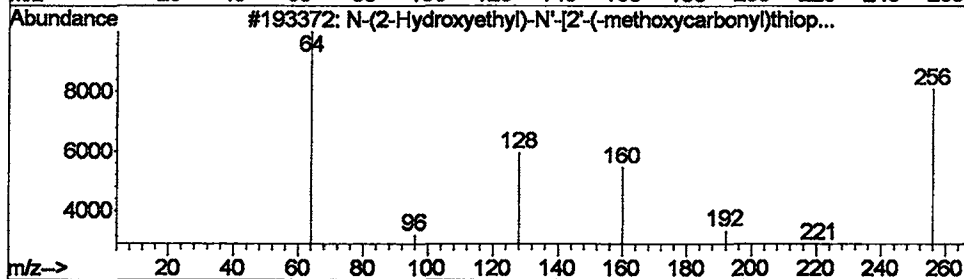
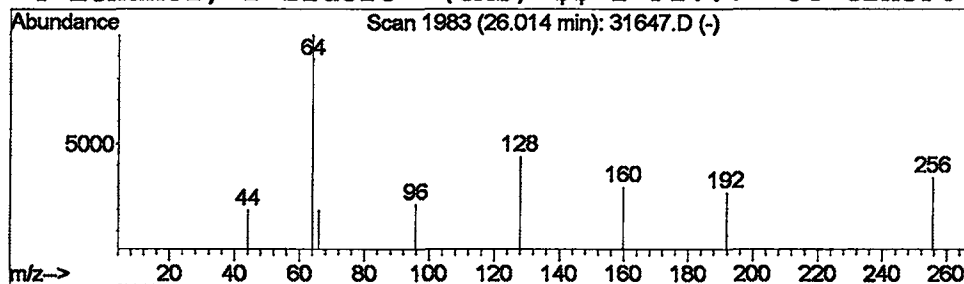
Vial: 3
Operator:
Inst : Instrumen
Multiplr: 1.00

Quant Method : C:\MSDCHEM\1...\SCAN508.M (RTE Integrator)
Title : 508 scan method
Library : C:\DATABASE\WILEY7N.L

Peak Number 10 N-(2-Hydroxyethyl)-N'-[2'-(... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.01	0.05 ug/L	27655	Phenanthrene-d10	22.63

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			N-(2-Hydroxyethyl)-N'-[2'-(-meth...	255	C10H13N3O3S	000000-00-0	39
2			Ethene, 1,2-difluoro- \$\$ Ethylen...	64	C2H2F2	001691-13-0	5
3			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5
4			Ethanol, 2-fluoro- (CAS) \$\$ 2-Fl...	64	C2H5FO	000371-62-0	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Jan 2002 1:51 pm
Data File: C:\MSDCHEM\1\5973N\02JAN22\31647.D
Name: 508 scan
Misc: January 22, 2002
Method: C:\MSDCHEM\1\METHODS\METHODS\SCAN508.M (RTE Integrator)
Title: 508 scan method
Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	#	--Internal Standard---		
						RT	Resp	Conc
Acetonitrile, d/c...	3.48	0.2	ug/L	47597	1	9.71	6104540	20.0
2-Pentanone (CAS)...	3.77	0.1	ug/L	35590	1	9.71	6104540	20.0
1,3,5-Cycloheptat...	4.37	0.1	ug/L	43179	1	9.71	6104540	20.0
2-Propanone, 1,1,...	6.00	0.2	ug/L	52283	1	9.71	6104540	20.0
Benzaldehyde (CAS...	8.68	0.1	ug/L	27250	1	9.71	6104540	20.0
Decane, 2,9-dimet...	9.45	0.1	ug/L	35523	1	9.71	6104540	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	60586	2	13.19	8741310	20.0
4-METHOXY-.BETA.-...	22.28	0.1	ug/L	72433	4	22.63	10959900	20.0
Anthracene-d10	22.77	0.4	ug/L	195176	4	22.63	10959900	20.0
N-(2-Hydroxyethyl...	26.01	0.1	ug/L	27655	4	22.63	10959900	20.0