

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 02/01/2002 Time: 14:20:19

Sample: AE00562
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 2/1/02 14:19 Ended: 2/1/02 14:19 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		5.0

Comments for Sample AE00562 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-01-2002 Time: 15:10:34

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 5 of the 43 compounds in the LCS Standard were outside of their acceptance ranges.

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\5973N\02JAN29\00562.D
Acq On : 29 Jan 2002 1:02 pm
Sample : 508 scan
Misc : January 29, 2002
MS Integration Params: SPLIT.P
Quant Time: Jan 30 08:25:54 2002

Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

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	9.72	152	1626946	20.00	ug/L	0.00
10) Naphthalene-d8	13.19	136	6868901	20.00	ug/L	-0.02
17) Acenaphthene-d10	18.34	164	3561916	20.00	ug/L	-0.01
29) Phenanthrene-d10	22.65	188	6147382	20.00	ug/L	-0.02
38) Chrysene-d12	30.50	240	5578890	20.00	ug/L	-0.01
44) Perylene-d12	34.42	264	4068163	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-DDD	27.73	235	468670	4.82	ug/L	0.00
Spiked Amount	5.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
20) Dimethylphthalate	18.34	163	576260	2.45	ug/L #	56
21) 2,6-Dinitrotoluene	18.34	165	465929	10.16	ug/L #	17
42) Bis(2-ethylhexyl)phthalate	31.11	149	44349	0.71	ug/L	95

(#) = qualifier out of range (m) = manual integration
00562.D SCAN508.M Wed Jan 30 08:25:55 2002

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Quantitation Report (Not Reviewed)

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Vial: 4

Acq On : 29 Jan 2002 1:02 pm

Operator:

Sample : 508 scan

Inst : Instrumen

Misc : January 29, 2002

Multiplr: 1.00

MS Integration Params: SPLIT.P

Quant Time: Jan 30 8:25 2002

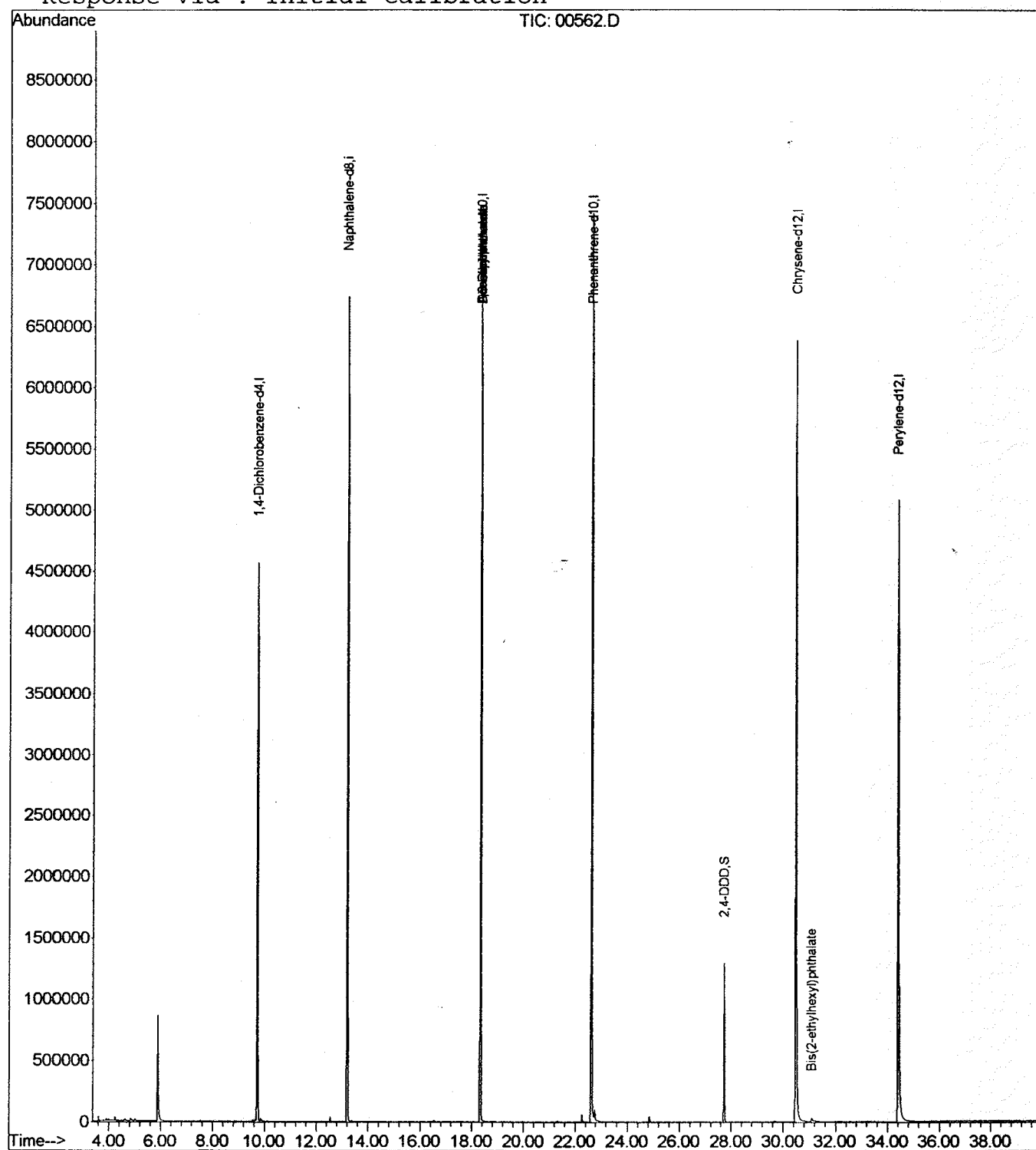
Quant Results File: SCAN508.RE

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



00562.D SCAN508.M

Wed Jan 30 08:25:55 2002

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LSC Area Percent Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00562.D
 Acq On : 29 Jan 2002 1:02 pm
 Sample : 508 scan
 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

Vial: 4
 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

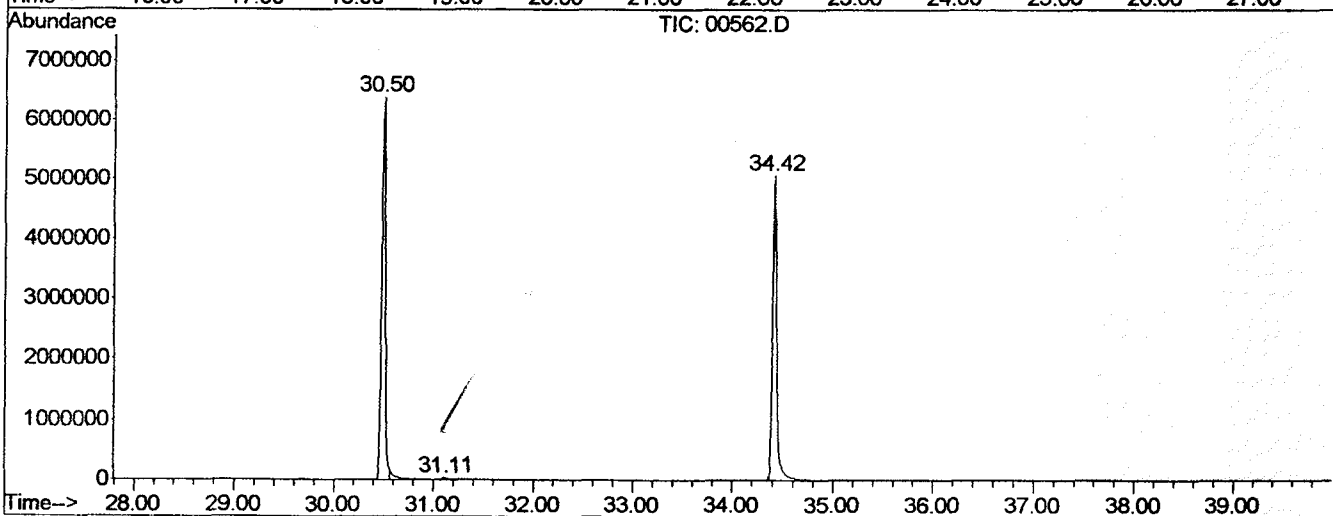
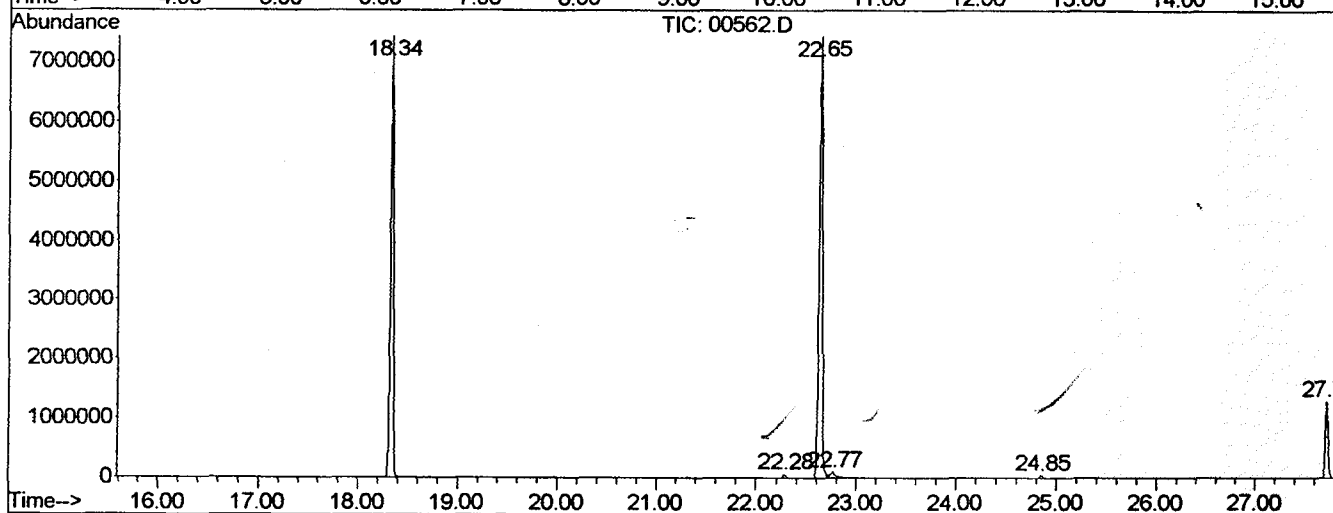
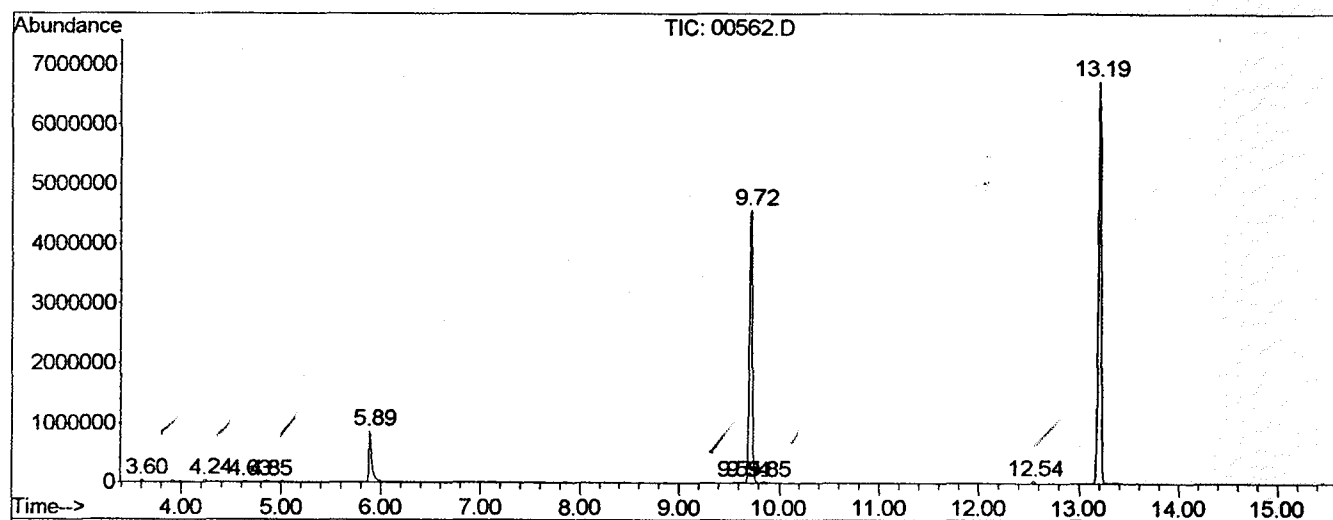
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.602	17	20	25	rVB	42771	64745	0.40%	0.073%
2	4.241	73	76	83	rBV4	33504	75582	0.46%	0.085%
3	4.630	103	110	119	rVB4	21663	69459	0.42%	0.078%
4	4.847	123	129	141	rBV4	23299	82875	0.51%	0.093%
5	5.885	217	220	243	rVB	865863	1757586	10.75%	1.982%
6	9.550	539	541	547	rBV4	18619	43945	0.27%	0.050%
7	9.642	547	549	551	rVV	20524	37374	0.23%	0.042%
8	9.722	551	556	561	rVV	4570406	9299377	56.89%	10.487%
9	9.847	561	567	577	rVV	27112	103522	0.63%	0.117%
10	12.542	799	803	807	rVV	42966	67441	0.41%	0.076%
11	13.192	855	860	865	rBV	6734463	13240912	81.00%	14.932%
12	18.341	1305	1311	1315	rBV	7413829	14636677	89.54%	16.506%
13	22.280	1653	1656	1661	rVV2	64281	123323	0.75%	0.139%
14	22.645	1681	1688	1693	rBV	7417848	16346154	100.00%	18.434%
15	22.771	1695	1699	1723	rVB	99852	371909	2.28%	0.419%
16	24.849	1877	1881	1889	rBV	47014	94439	0.58%	0.107%
17	27.726	2127	2133	2139	rVV	1293152	2315719	14.17%	2.612%
18	30.500	2369	2376	2381	rBV	6382190	16048083	98.18%	18.098%
19	31.105	2423	2429	2455	rVB	34213	180137	1.10%	0.203%
20	34.416	2713	2719	2757	rBV	5073294	13714005	83.90%	15.466%

Sum of corrected areas: 88673264

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\5973N\02JAN29\00562.D
Operator :
Acquired : 29 Jan 2002 1:02 pm using AcqMethod SCAN508
Instrument : Instrumen
Sample Name: 508 scan
Misc Info : January 29, 2002
Vial Number: 4
Quant File :SCAN508.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00562.D
 Acq On : 29 Jan 2002 1:02 pm
 Sample : 508 scan
 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

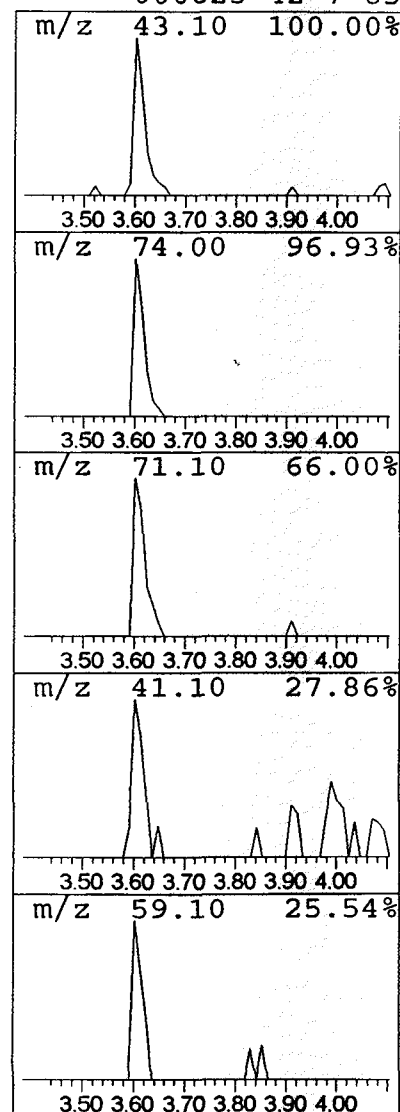
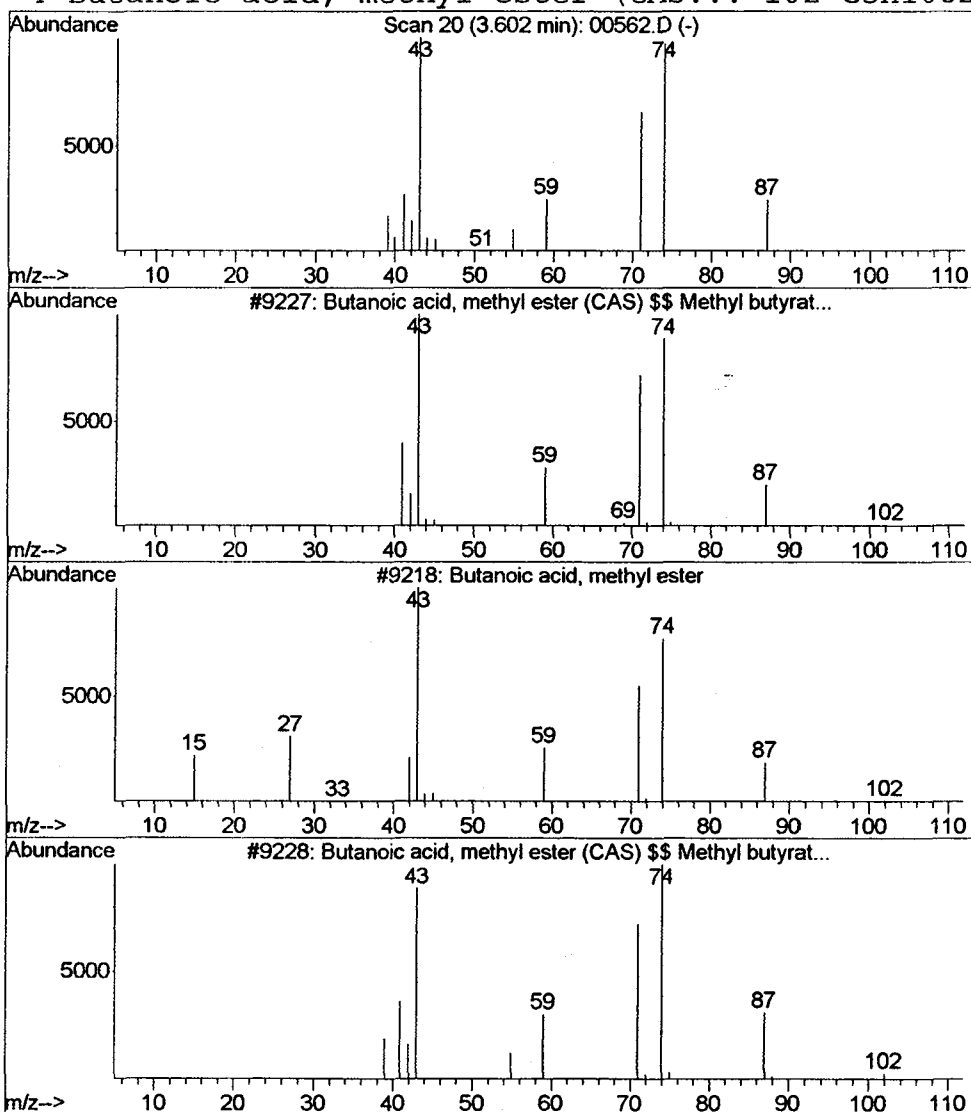
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 1 Butanoic acid, methyl ester... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	0.14 ug/L	64745	1,4-Dichlorobenzene-d4	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
2		Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
3		Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83
4		Butanoic acid, methyl ester (CAS...	102	C5H10O2	000623-42-7	83



Library Search Compound Report

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 Acq On : 29 Jan 2002 1:02 pm
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 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

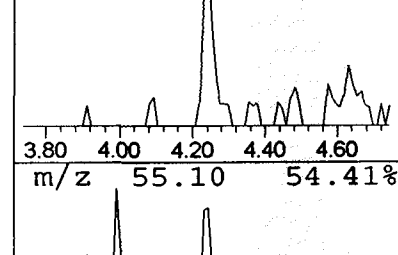
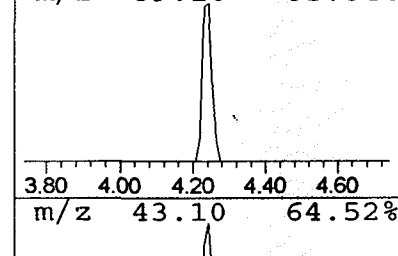
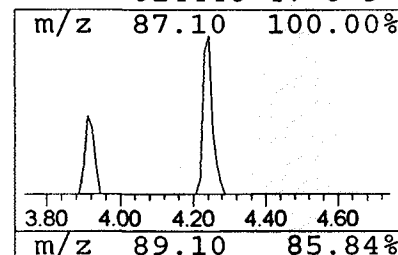
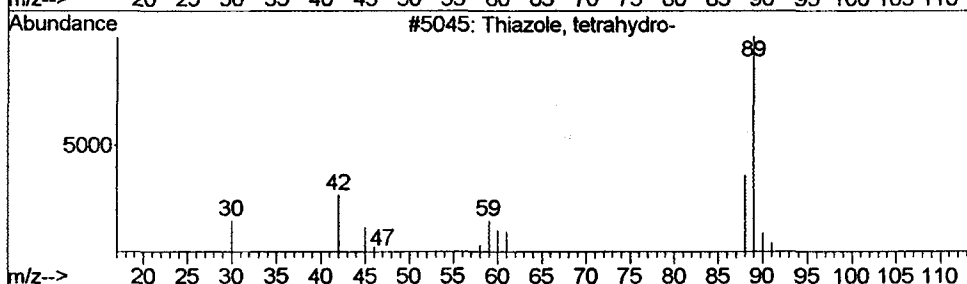
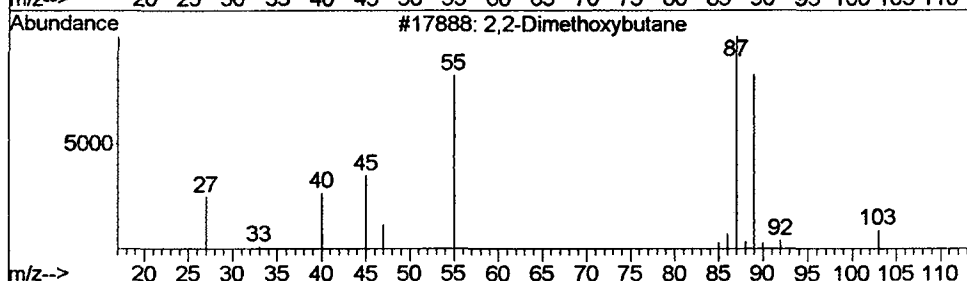
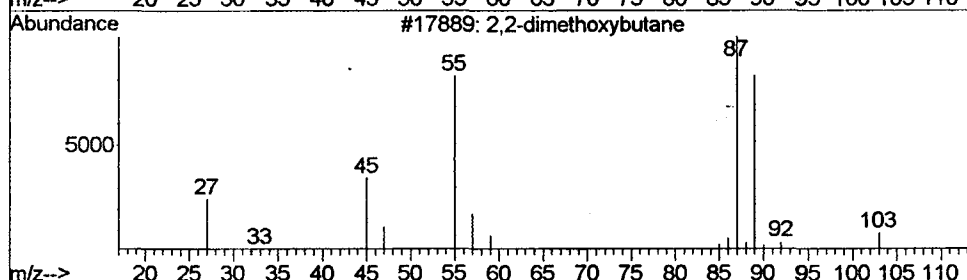
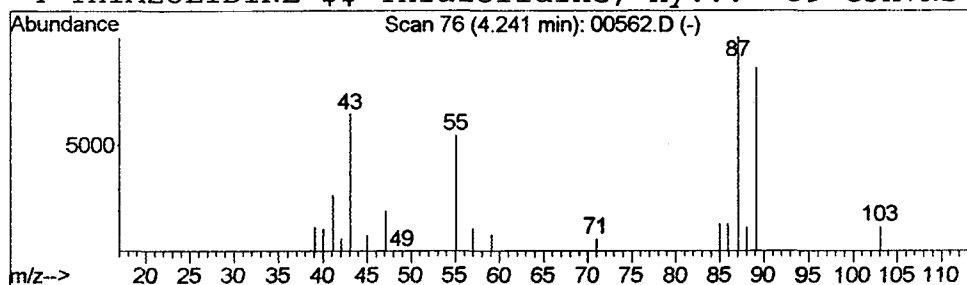
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 2 2,2-dimethoxybutane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.24	0.16 ug/L	75582	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,2-dimethoxybutane	118	C6H14O2	003453-99-4	74
2			2,2-Dimethoxybutane	118	C6H14O2	003453-99-4	64
3			Thiazole, tetrahydro-	89	C3H7NS	000504-78-9	9
4			THIAZOLIDINE \$\$ Thiazolidine, hy...	89	C3H7NS	014446-47-0	9



Library Search Compound Report

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 Acq On : 29 Jan 2002 1:02 pm
 Sample : 508 scan
 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

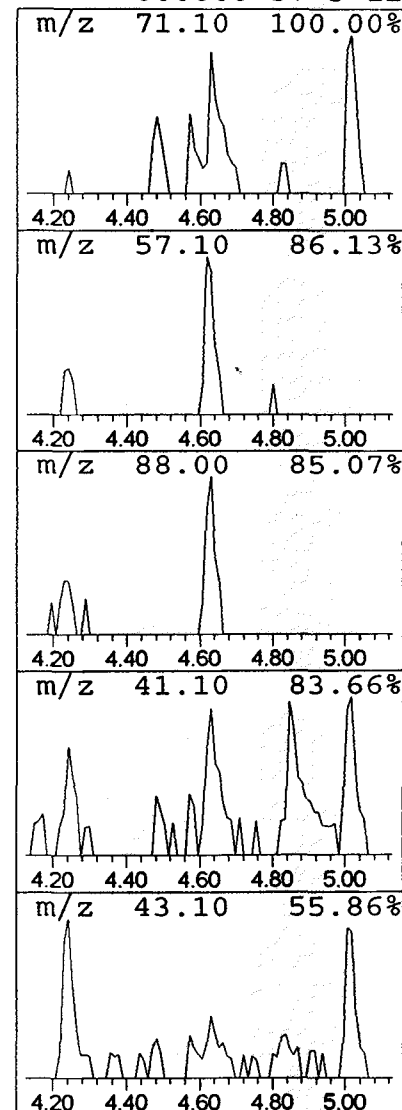
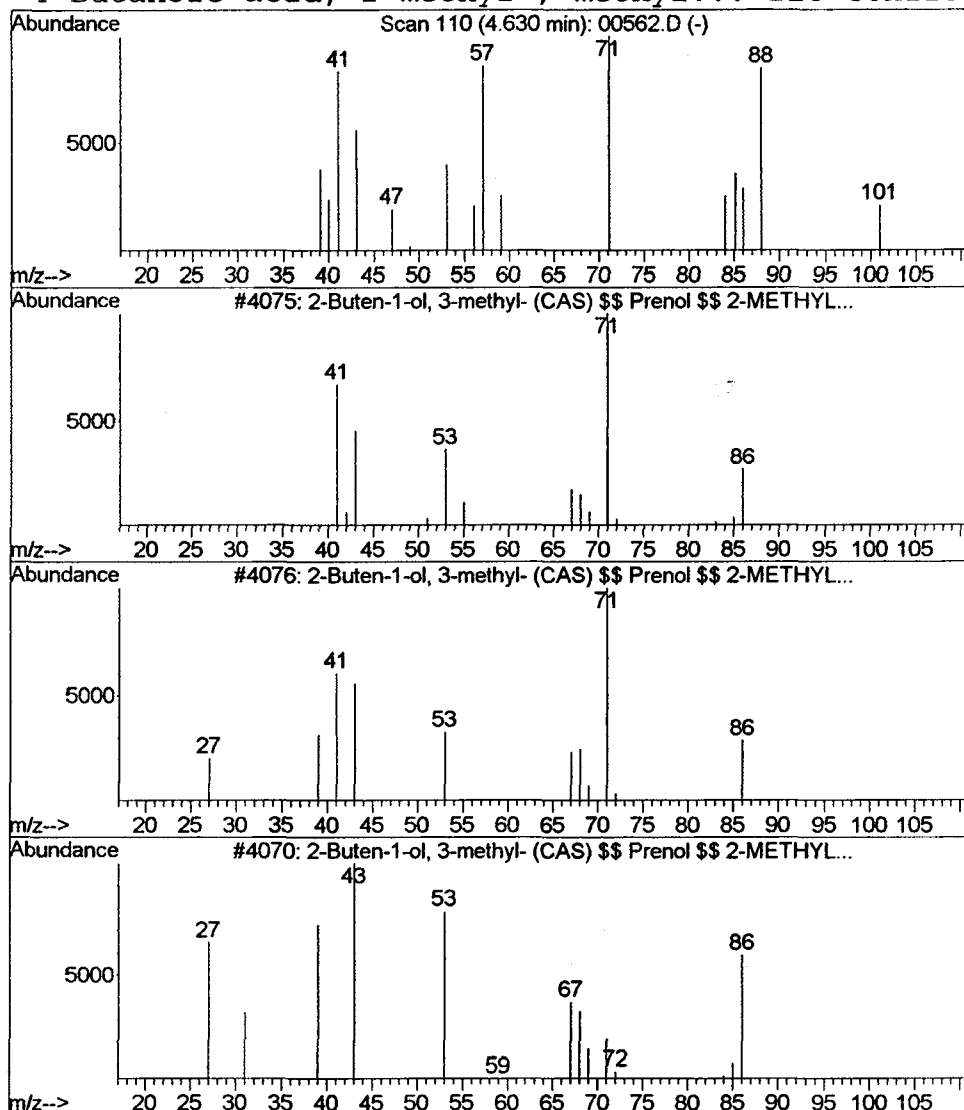
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 3 2-Buten-1-ol, 3-methyl- (CA... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	0.15 ug/L	69459	1,4-Dichlorobenzene-d4	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Buten-1-ol, 3-methyl- (CAS) \$\$...	86	C5H10O	000556-82-1	43
2		2-Buten-1-ol, 3-methyl- (CAS) \$\$...	86	C5H10O	000556-82-1	43
3		2-Buten-1-ol, 3-methyl- (CAS) \$\$...	86	C5H10O	000556-82-1	16
4		Butanoic acid, 2-methyl-, methyl...	116	C6H12O2	000868-57-5	12



Library Search Compound Report

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 Acq On : 29 Jan 2002 1:02 pm
 Sample : 508 scan
 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

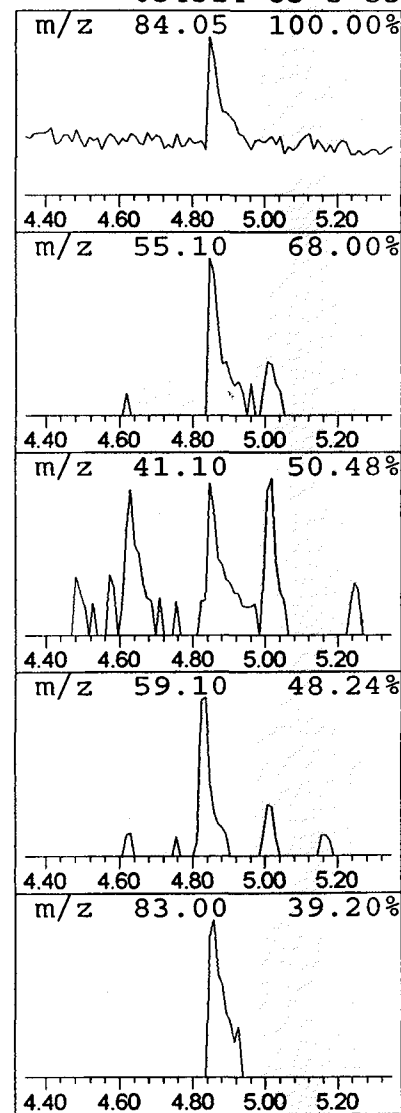
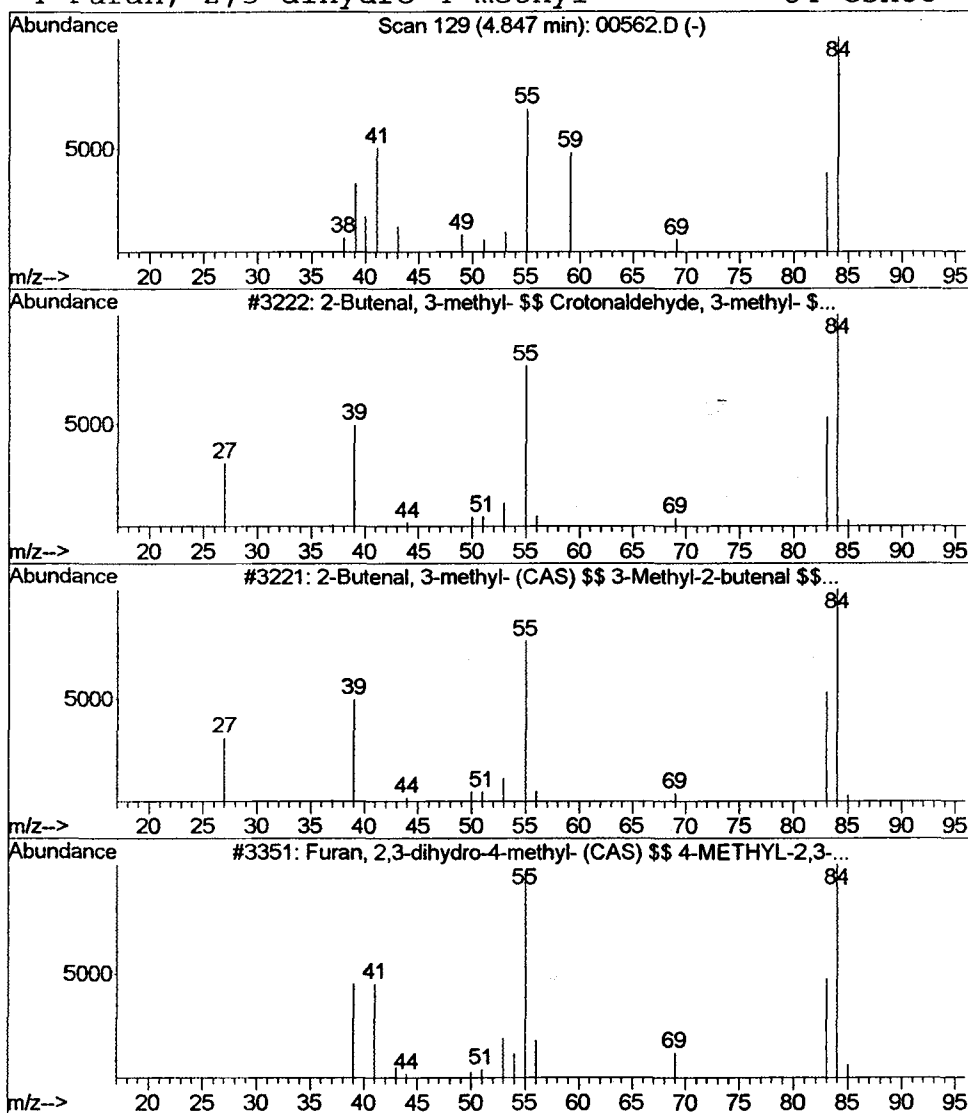
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 4 2-Butenal, 3-methyl- \$\$ Cro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.85	0.18 ug/L	82875	1,4-Dichlorobenzene-d4	9.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butenal, 3-methyl- \$\$ Crotonal...	84	C5H8O	000107-86-8	64
2		2-Butenal, 3-methyl- (CAS) \$\$ 3-...	84	C5H8O	000107-86-8	64
3		Furan, 2,3-dihydro-4-methyl- (CA...	84	C5H8O	034314-83-5	53
4		Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	53



Library Search Compound Report

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Sample : 508 scan

Misc : January 29, 2002

MS Integration Params: LSCINT.P

Vial: 4

Operator:

Inst : Instrumen

Multiplr: 1.00

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

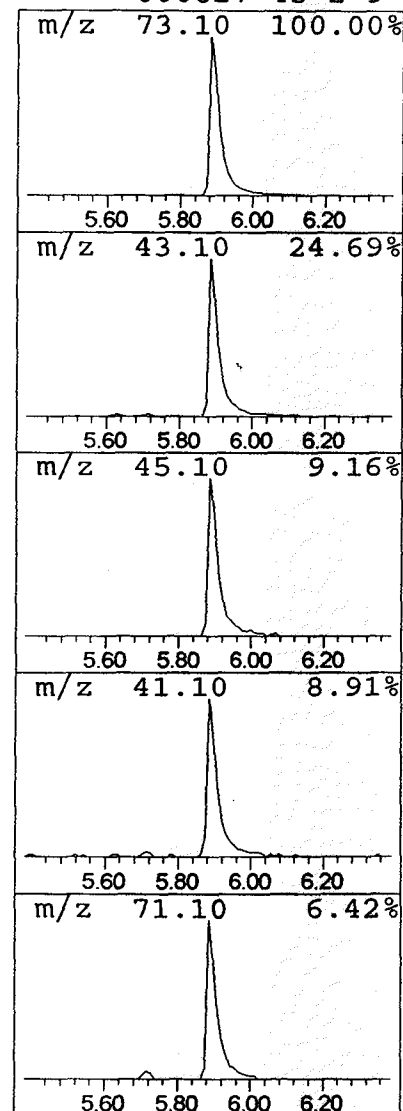
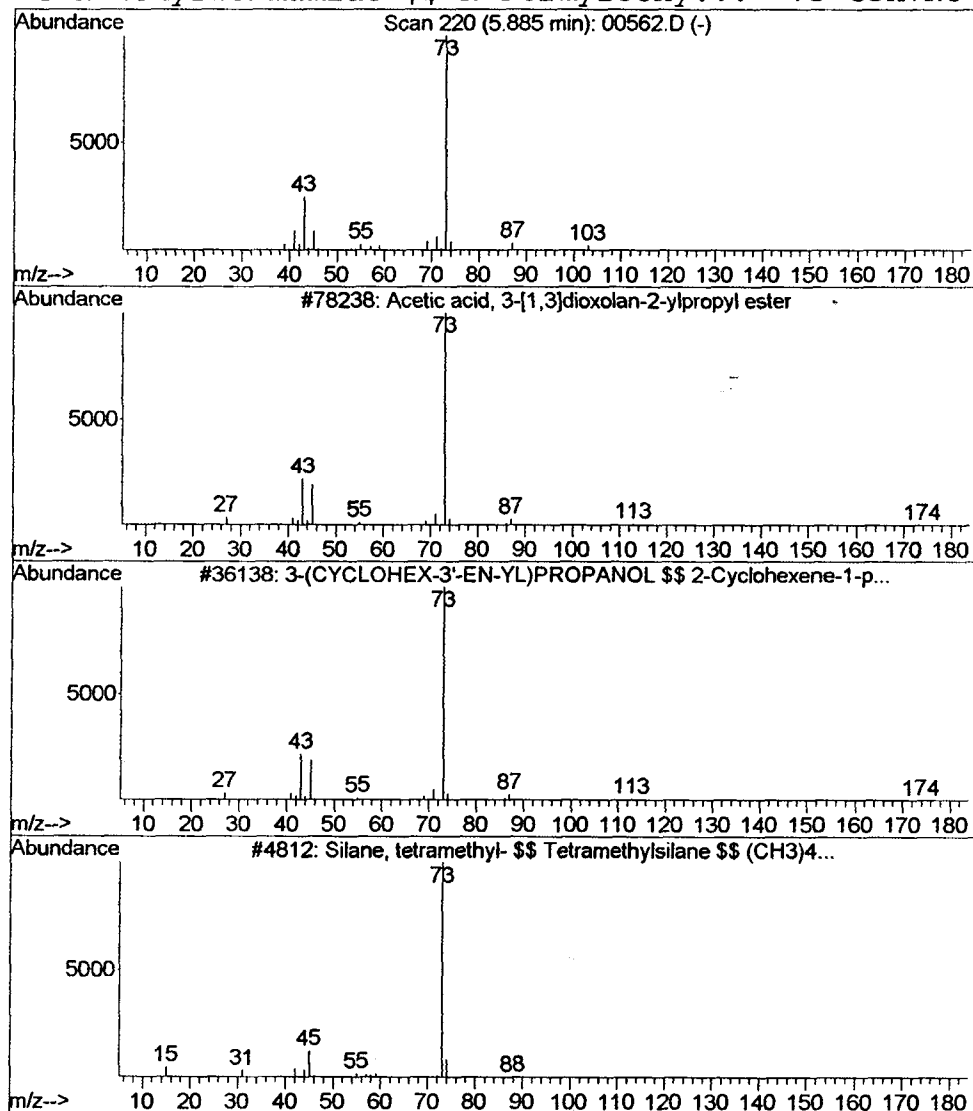
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 5 Acetic acid, 3-[1,3]dioxola... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.89	3.78 ug/L	1757590	1,4-Dichlorobenzene-d4	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	33
2		3-(CYCLOHEX-3'-EN-YL)PROPANOL \$\$...	174	C8H14O4	015745-87-6	33
3		Silane, tetramethyl- \$\$ Tetramet...	88	C4H12Si	000075-76-3	28
4		N-Ethylformamide \$\$ N-Formylethy...	73	C3H7NO	000627-45-2	9



Library Search Compound Report

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Acq On : 29 Jan 2002 1:02 pm

Sample : 508 scan

Misc : January 29, 2002

MS Integration Params: LSCINT.P

Vial: 4

Operator:

Inst : Instrumen

Multiplr: 1.00

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

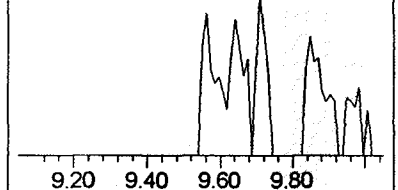
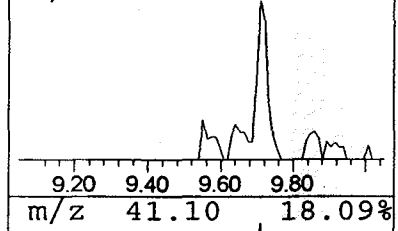
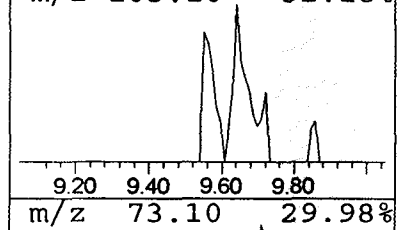
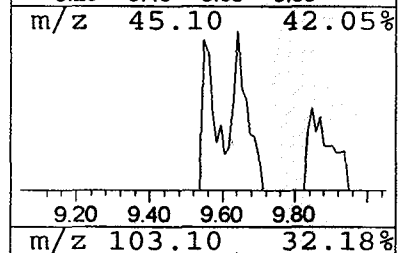
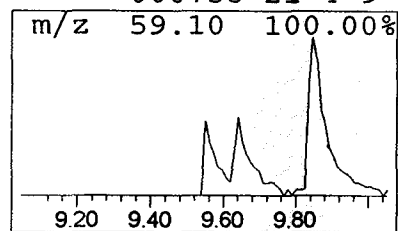
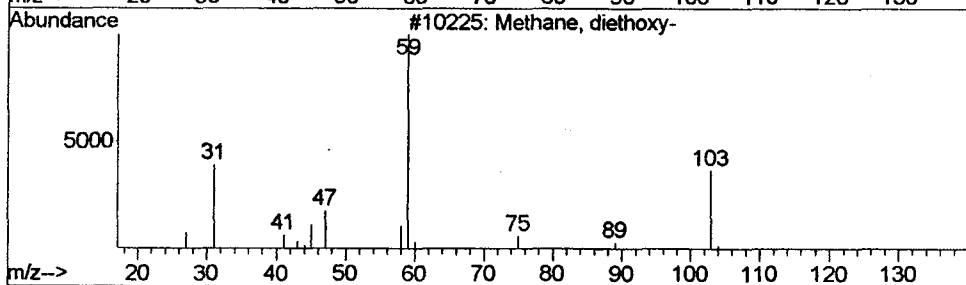
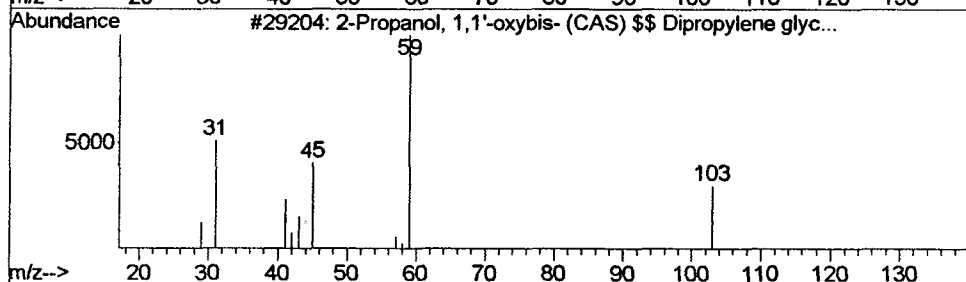
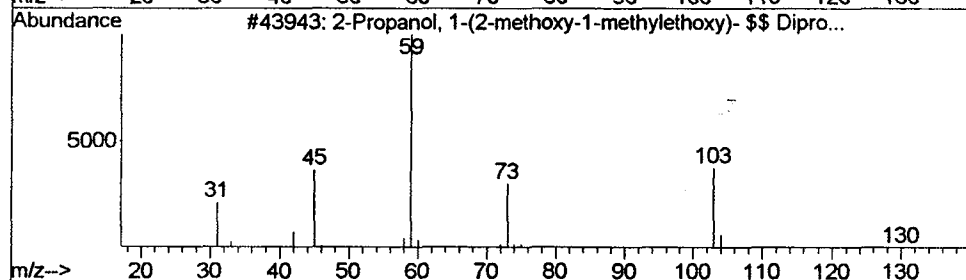
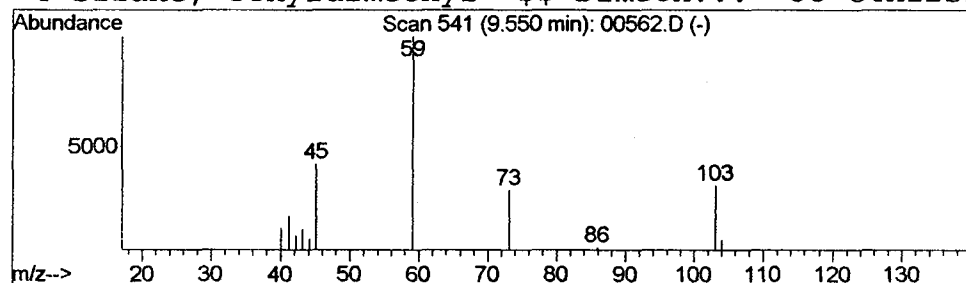
Title : 508 scan method

Library : C:\DATABASE\WILEY7N.L

Peak Number 6 2-Propanol, 1-(2-methoxy-1-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	0.09 ug/L	43945	1,4-Dichlorobenzene-d4	9.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxy-1-methy...	148	C7H16O3	020324-32-7	78
2			2-Propanol, 1,1'-oxybis- (CAS) \$...	134	C6H14O3	000110-98-5	50
3			Methane, diethoxy-	104	C5H12O2	000462-95-3	9
4			Silane, ethyldimethyl- \$\$ Dimeth...	88	C4H12Si	000758-21-4	9



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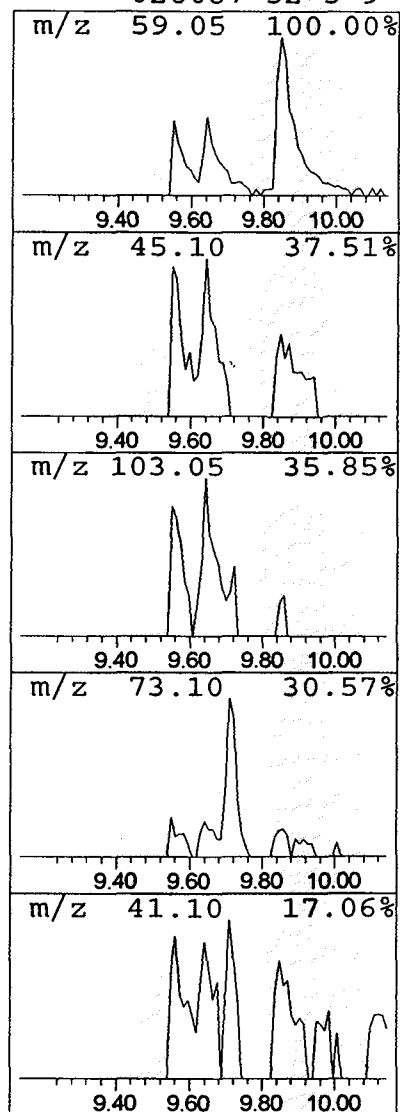
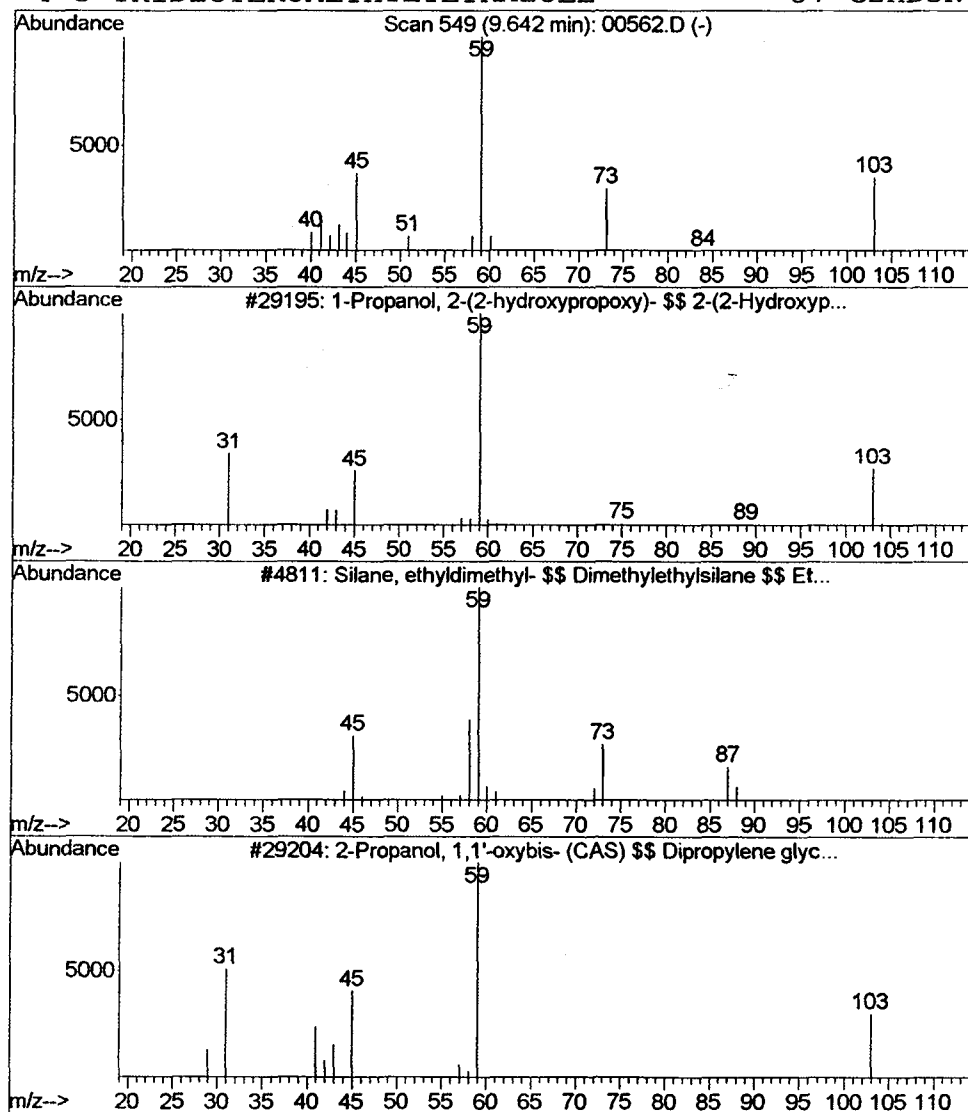
Vial: 4
Operator:
Inst : Instrumen
Multiplr: 1.00

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

Peak Number 7 1-Propanol, 2-(2-hydroxypro... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	0.08 ug/L	37374	1,4-Dichlorobenzene-d4	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Propanol, 2-(2-hydroxypropoxy)...	134	C6H14O3	000106-62-7	39
2		Silane, ethyldimethyl- \$\$ Dimeth...	88	C4H12Si	000758-21-4	39
3		2-Propanol, 1,1'-oxybis- (CAS) \$...	134	C6H14O3	000110-98-5	38
4		5-TRIDEUTEROMETHYLTETRAZOLE	87	C2HD3N4	026087-52-5	9



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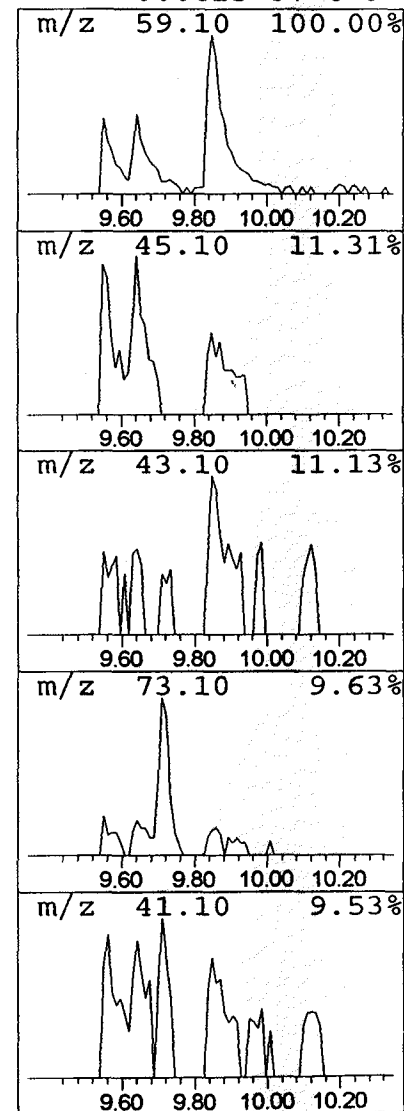
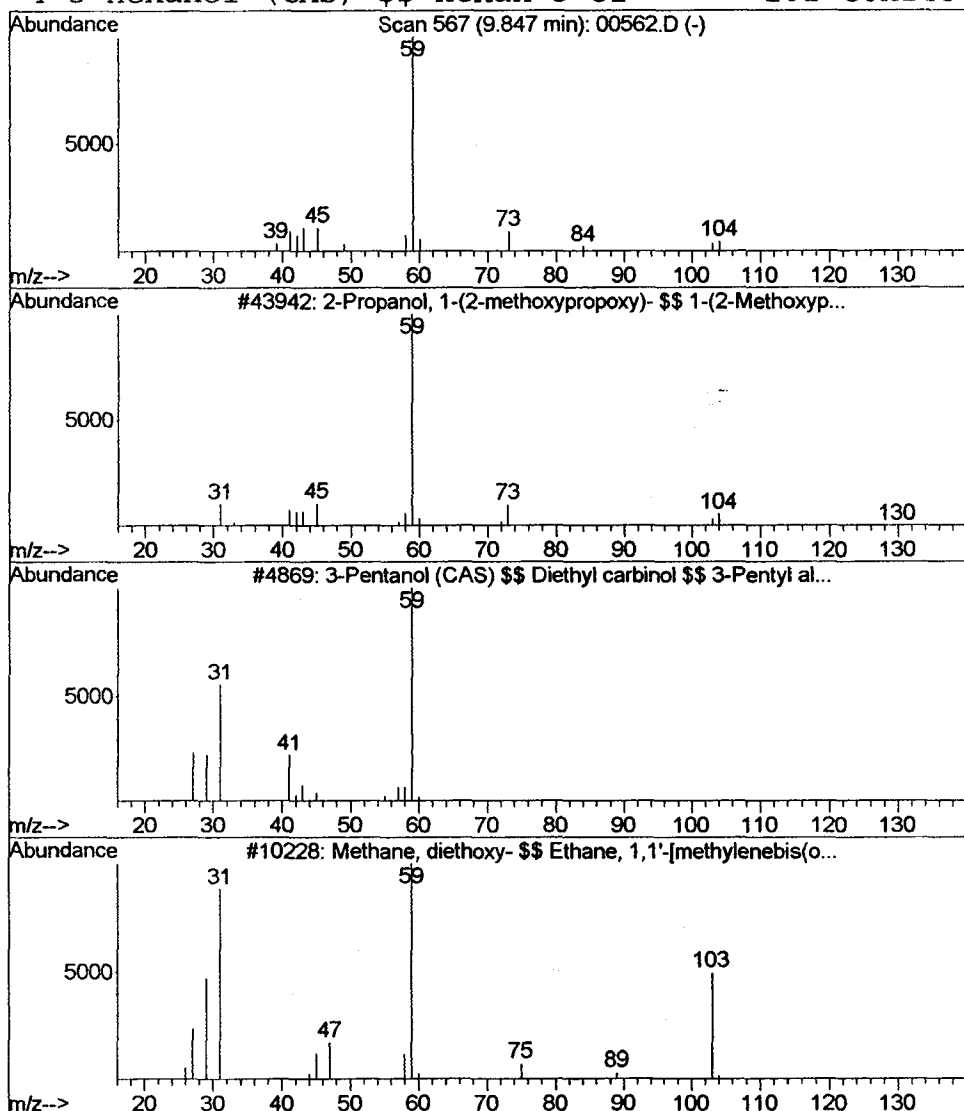
Vial: 4
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 Multiplr: 1.00

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

 Peak Number 8 2-Propanol, 1-(2-methoxypro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	0.22 ug/L	103522	1,4-Dichlorobenzene-d4	9.72

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Propanol, 1-(2-methoxypropoxy)...	148	C7H16O3	013429-07-7	83
2		3-Pentanol (CAS) \$\$ Diethyl carb...	88	C5H12O	000584-02-1	38
3		Methane, diethoxy- \$\$ Ethane, 1,...	104	C5H12O2	000462-95-3	9
4		3-Hexanol (CAS) \$\$ Hexan-3-ol	102	C6H14O	000623-37-0	9



Library Search Compound Report

Data File : C:\MSDCHEM\1\5973N\02JAN29\00562.D
 Acq On : 29 Jan 2002 1:02 pm
 Sample : 508 scan
 Misc : January 29, 2002
 MS Integration Params: LSCINT.P

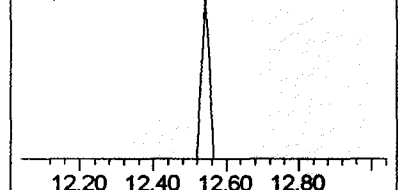
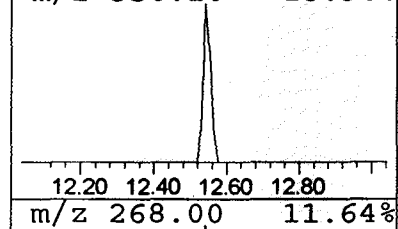
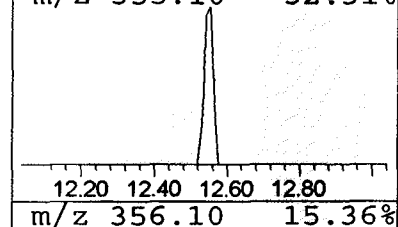
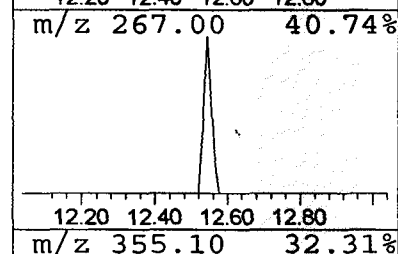
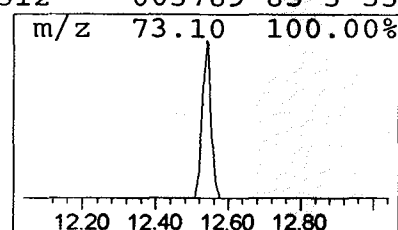
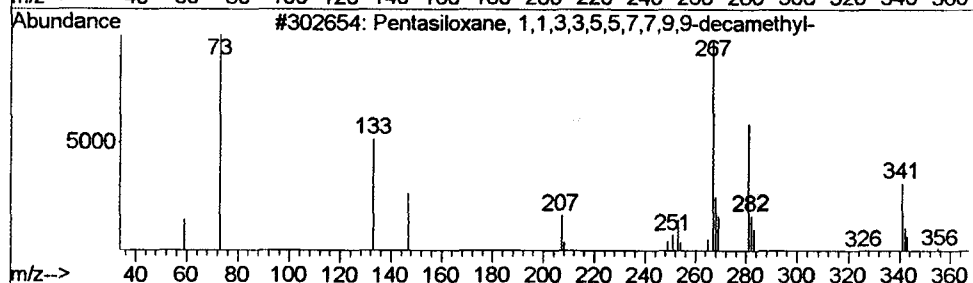
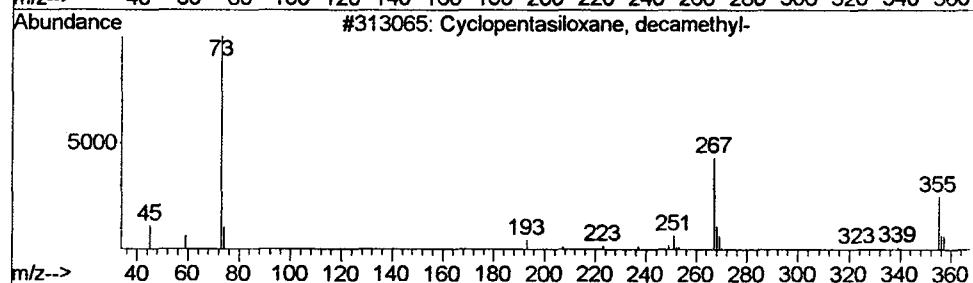
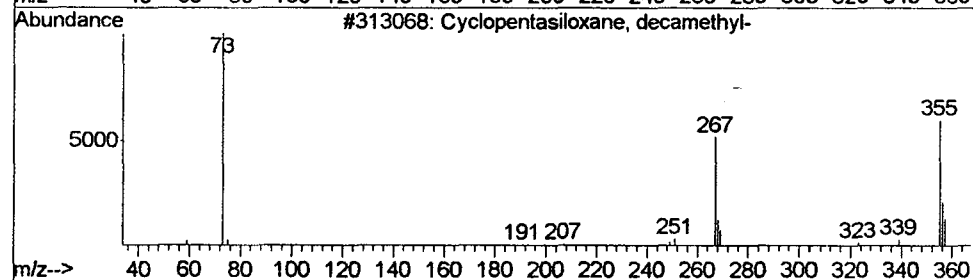
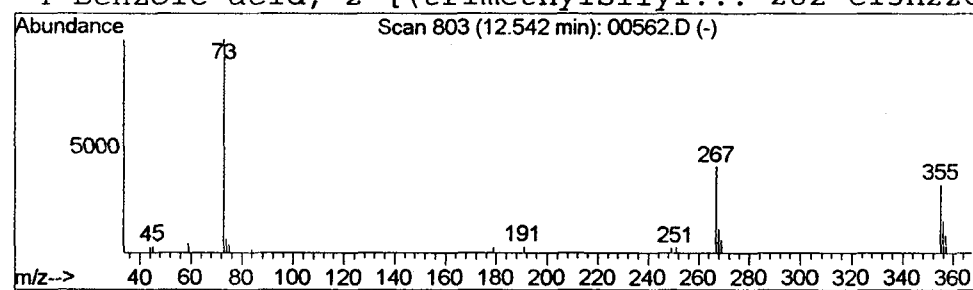
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 9 Cyclopentasiloxane, decamet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	0.10 ug/L	67441	Naphthalene-d8	13.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	83
2		Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	45
3		Pentasiloxane, 1,1,3,3,5,5,7,7,9...	356	C10H32O4Si5	000995-83-5	42
4		Benzoic acid, 2-[(trimethylsilyl)...	282	C13H22O3Si2	003789-85-3	33



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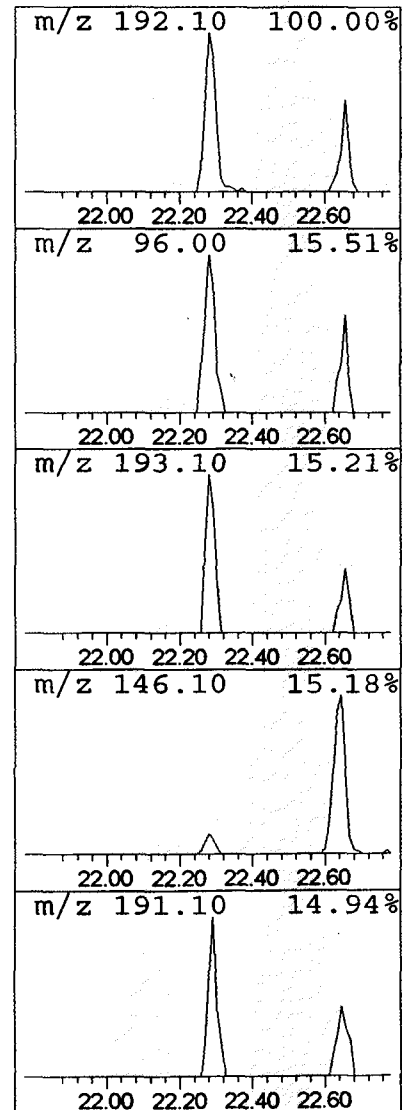
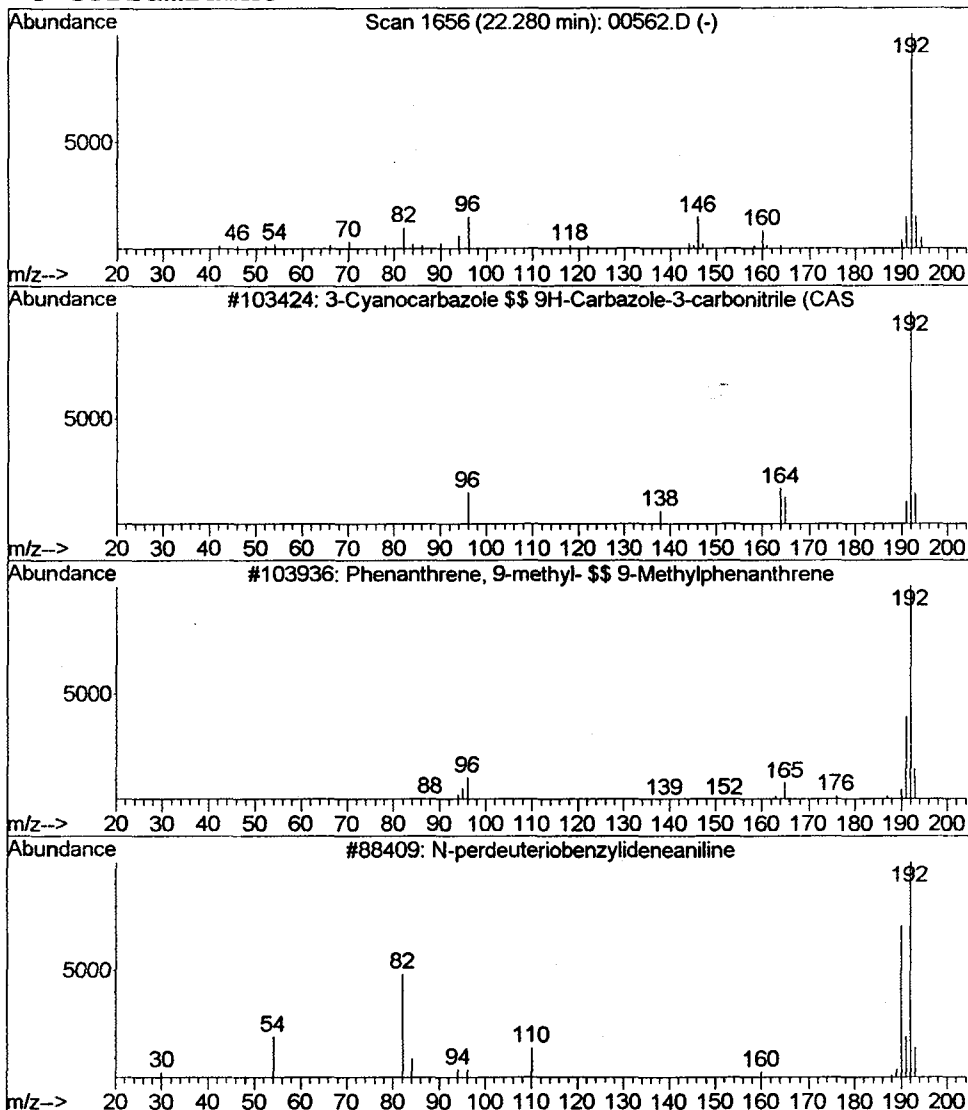
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 10 3-Cyanocarbazole \$\$ 9H-Carb... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.28	0.15 ug/L	123323	Phenanthrene-d10	22.65

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Cyanocarbazole \$\$ 9H-Carbazole...	192	C13H8N2	057102-93-9	64
2		Phenanthrene, 9-methyl- \$\$ 9-Met...	192	C15H12	000883-20-5	59
3		N-perdeuteriobenzylideneaniline	192	C13D11N	000538-51-2	58
4		Corlumidine	369	C20H19NO6	000000-00-0	53



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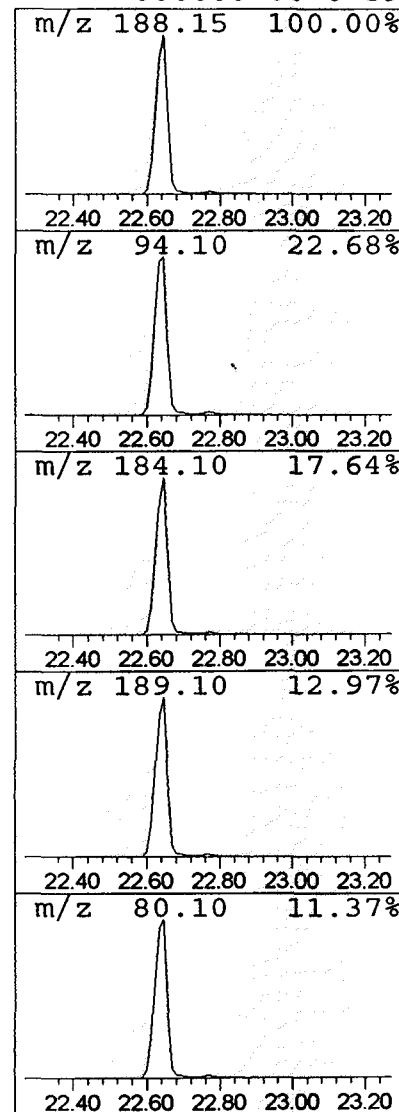
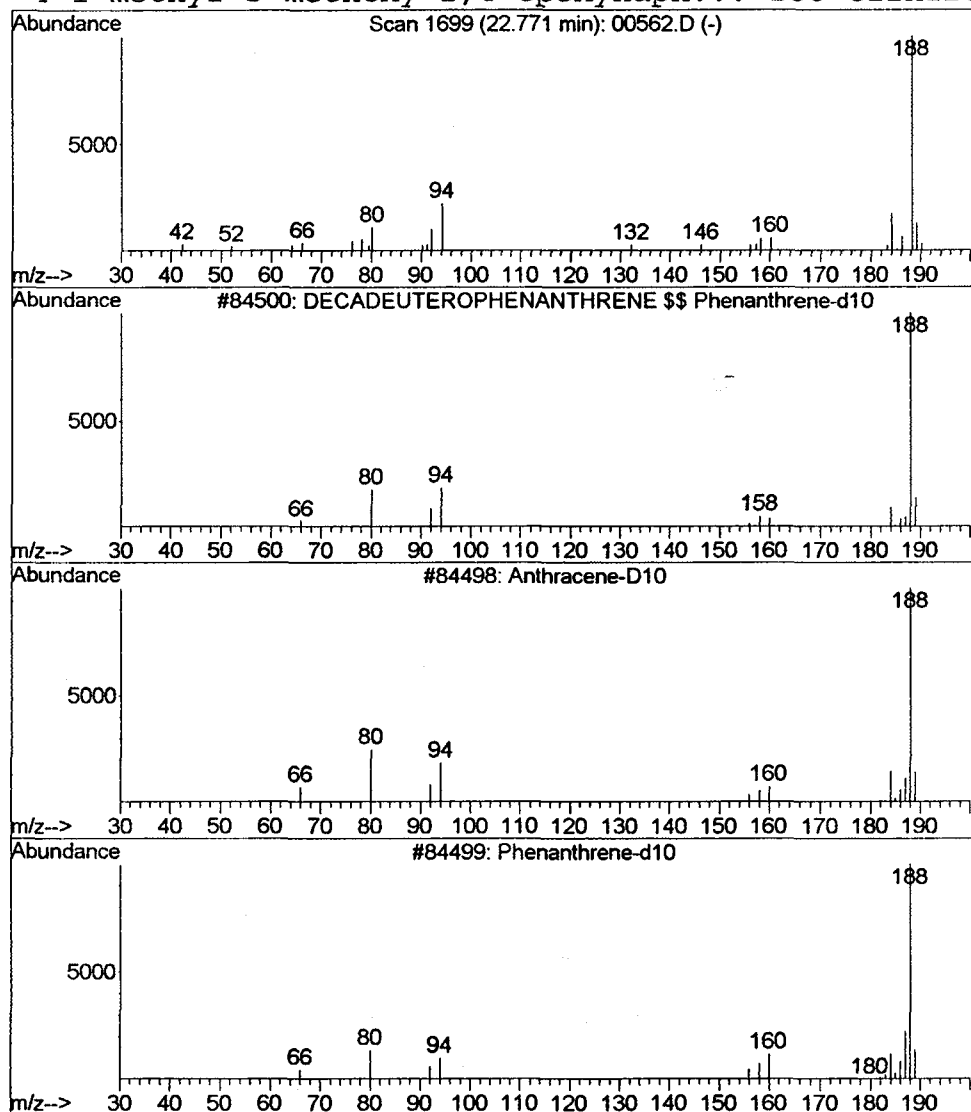
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 11 DECADEUTEROPHENANTHRENE \$\$... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	0.46 ug/L	371909	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			DECADEUTEROPHENANTHRENE \$\$ Phena...	188	C14D10	001517-22-2	80
2			Anthracene-D10	188	C14D10	000000-00-0	80
3			Phenanthrene-d10	188	C14D10	001517-22-2	72
4			1-methyl-5-methoxy-1,4-epoxynaph...	188	C12H12O2	000000-00-0	59



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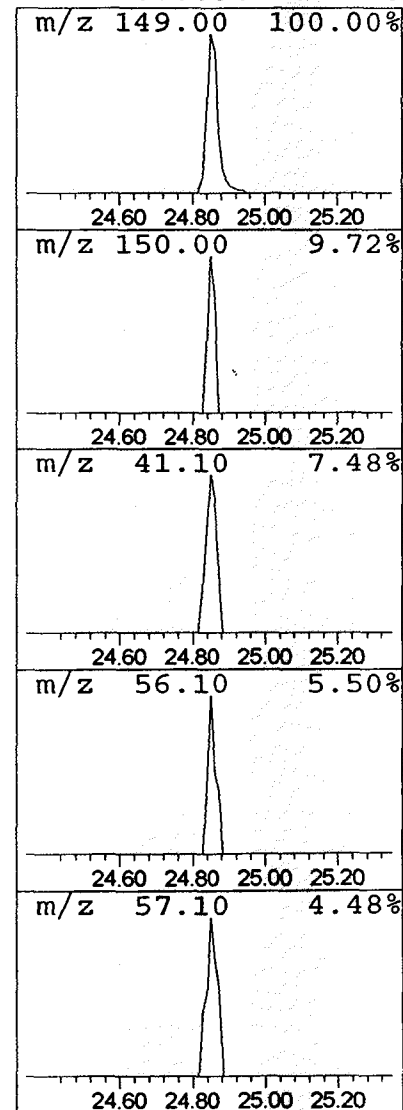
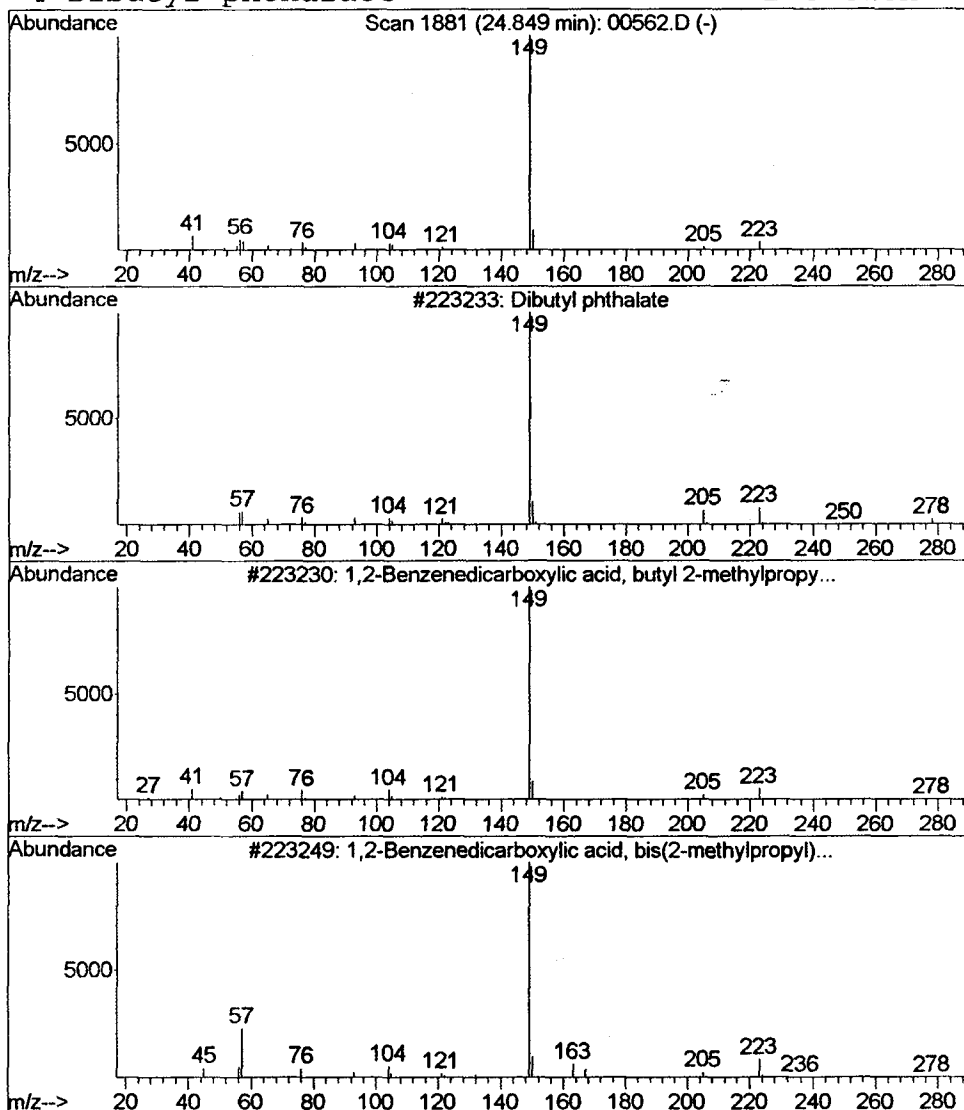
Vial: 4
 Operator:
 Inst : Instrumen
 Multiplr: 1.00

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

 Peak Number 12 Dibutyl phthalate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	0.12 ug/L	94439	Phenanthrene-d10	22.65

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibutyl phthalate	278	C16H22O4	000084-74-2	83
2			1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	83
3			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78
4			Dibutyl phthalate	278	C16H22O4	000084-74-2	78



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 29 Jan 2002 1:02 pm
 Data File: C:\MSDCHEM\1\5973N\02JAN29\00562.D
 Name: 508 scan
 Date: January 29, 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
Butanoic acid, me...	3.60	0.1	ug/L	64745	1	9.72	9299380	20.0
1,2-dimethoxybutane	4.24	0.2	ug/L	75582	1	9.72	9299380	20.0
3-Buten-1-ol, 3-m...	4.63	0.1	ug/L	69459	1	9.72	9299380	20.0
3-Butenal, 3-meth...	4.85	0.2	ug/L	82875	1	9.72	9299380	20.0
Acetic acid, 3-[1...	5.89	3.8	ug/L	1757590	1	9.72	9299380	20.0
2-Propanol, 1-(2-...	9.55	0.1	ug/L	43945	1	9.72	9299380	20.0
1-Propanol, 2-(2-...	9.64	0.1	ug/L	37374	1	9.72	9299380	20.0
2-Propanol, 1-(2-...	9.85	0.2	ug/L	103522	1	9.72	9299380	20.0
Cyclopentasiloxan...	12.54	0.1	ug/L	67441	2	13.19	13240900	20.0
3-Cyanocarbazole ...	22.28	0.2	ug/L	123323	4	22.65	16346200	20.0
DECADEUTEROPHENAN...	22.77	0.5	ug/L	371909	4	22.65	16346200	20.0
Dibutyl phthalate	24.85	0.1	ug/L	94439	4	22.65	16346200	20.0