User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:12:17

Sample: AE04512
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:11 Ended: 4/4/02 10:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AE04512 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-04-2002 Time: 10:12:35

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4512.D Vial: 57
Acq On : 27 Mar 2002 8:02 pm Operator: McLean
Sample : SAMPLE 4512 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:35:18 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1144096	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	3636444	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2070399	20.00	ug/L	0.00
29) Phenanthrene-d10	22.49	188	2924068	20.00	ug/L	0.00
38) Chrysene-d12	30.31	240	2257922	20.00	ug/L	-0.02
44) Perylene-d12	34.18	264	1131464	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	182835	5.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D. d		
3) bis(2-chloroethyl) ether	0.00	93	0	N.D.		
4) 1,3 - Dichlorobenze	0.00	146	0	N.D.		
5) 1,4 - Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2 - Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2 ' - oxybis (1-Chloropr	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy) methan	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D. d		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenyl ethe	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
30) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
31) 4-Bromophenyl-phenyl ether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	0.00	149	0	N.D. d		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo (a) antracene	0.00	228	0	N.D. d		
42) Bis (2-ethylhexyl) phthala	30.90	149	4187	0.05	ug/L	83
43) Chrysene	0.00	228	0	N.D. d		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo (b) fluoranthene	0.00	252	0	N.D.		

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

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Acq On : 27 Mar 2002 8:02 pm Operator: McLean
Sample : SAMPLE 4512 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:35:18 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

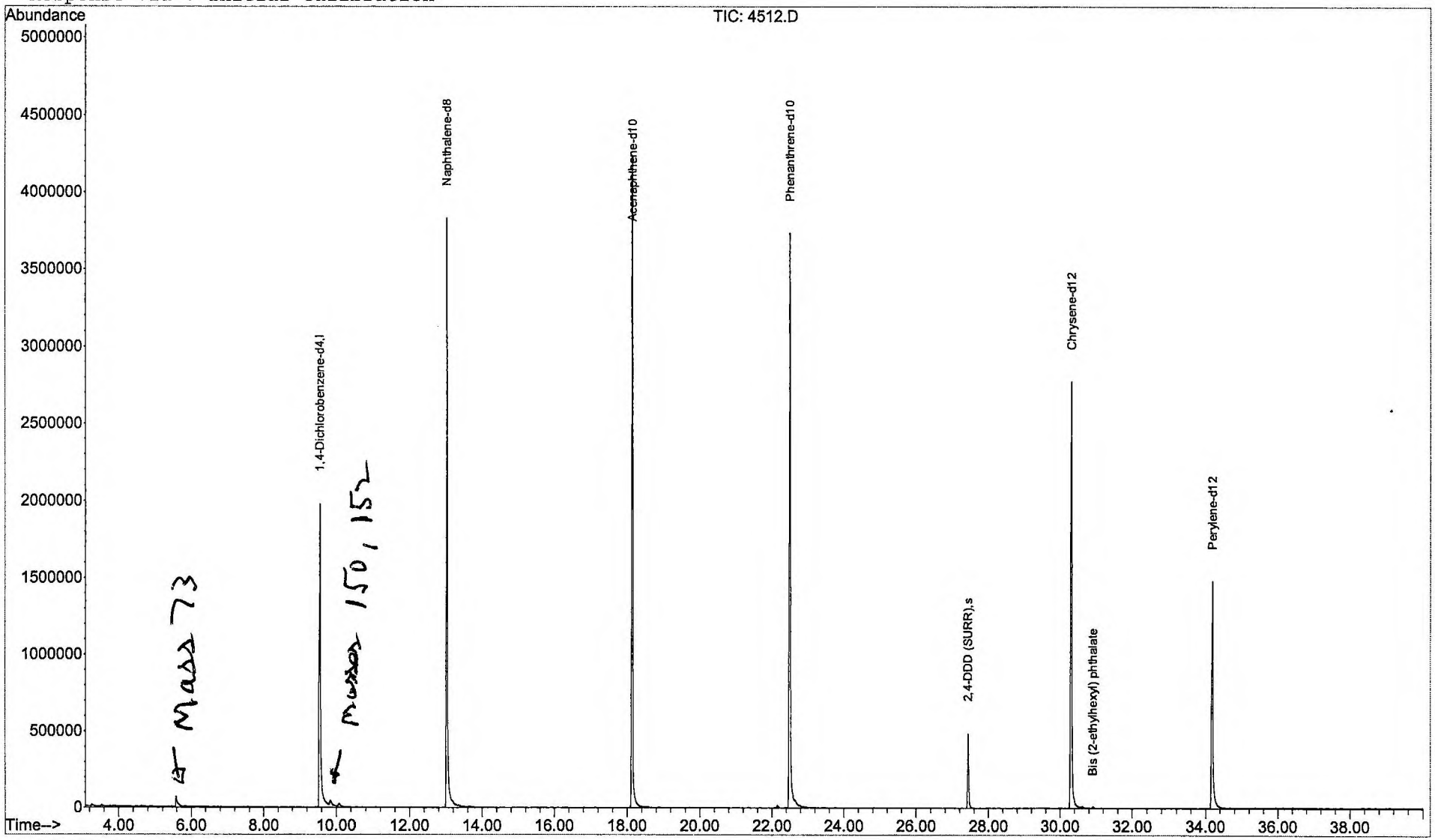
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	0.00	252	0	N.D.		
48)	Benzo (a) pyrene	0.00	252	0	N.D.	d	
49)	Indeno (1,2,3-cd) pyrene	0.00	276	0	N.D.		
50)	Dibenz (a,h) anthracene	0.00	278	0	N.D.		
51)	Benzo (g,h,i) perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration
4512.D 5080302.M Thu Mar 28 05:36:50 2002 Page 2

Quantitation Report (QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\4512.D Vial: 57
Acq On : 27 Mar 2002 8:02 pm Operator: McLean
Sample : SAMPLE 4512 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 5:36 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\032602\4512.D Vial: 57
Acq On : 27 Mar 2002 8:02 pm Operator: McLean
Sample : SAMPLE 4512 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

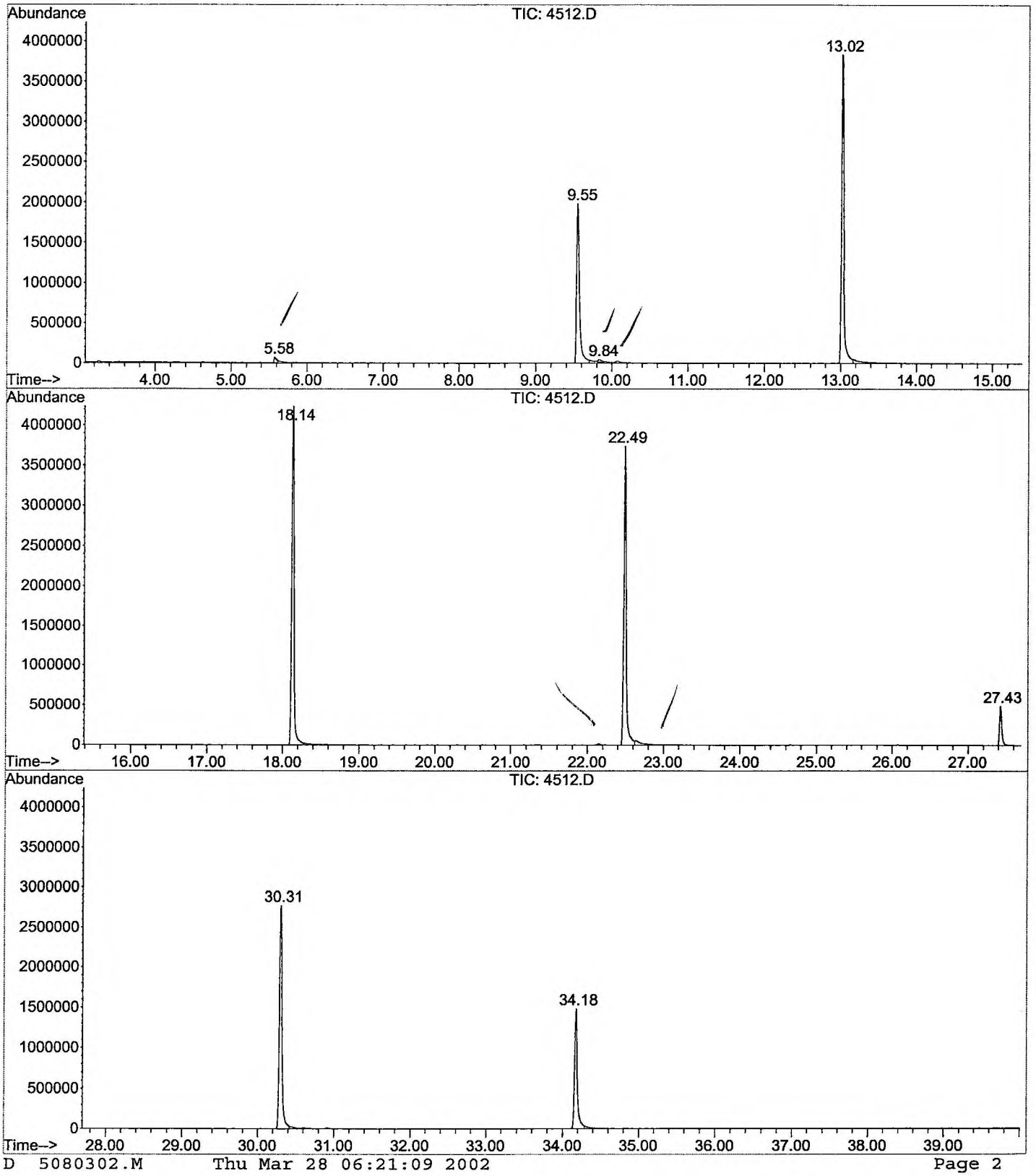
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.576	421	425	432	rBV3	68353	147653	1.67%	0.350%
2	9.548	1094	1101	1127	rBV	1979736	5231361	59.31%	12.415%
3	9.836	1145	1150	1162	rVB6	29952	93967	1.07%	0.223%
4	13.021	1685	1692	1716	rBV	3833052	8009463	90.81%	19.007%
5	18.138	2553	2563	2587	rBV	4233044	8819643	100.00%	20.930%
6	22.492	3295	3304	3326	rBV2	3736961	8321575	94.35%	19.748%
7	27.428	4136	4144	4161	rBV	489002	983330	11.15%	2.334%
8	30.307	4624	4634	4653	rBV2	2774828	6782942	76.91%	16.097%
9	34.179	5283	5293	5312	rBV2	1481512	3748971	42.51%	8.897%

Sum of corrected areas: 42138905

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\032602\4512.D
Operator : McLean
Acquired : 27 Mar 2002 8:02 pm using AcqMethod 508SCAN
Instrument : Instrumen
Sample Name: SAMPLE 4512 3/2/02
Misc Info :
Vial Number: 57
Quant File :5080302.RES (RTE Integrator)



Data File : C:\MSDCHEM\1\DATA\032602\4512.D Vial: 57
Acq On : 27 Mar 2002 8:02 pm Operator: McLean
Sample : SAMPLE 4512 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Library : C:\DATABASE\WILEY7N.L

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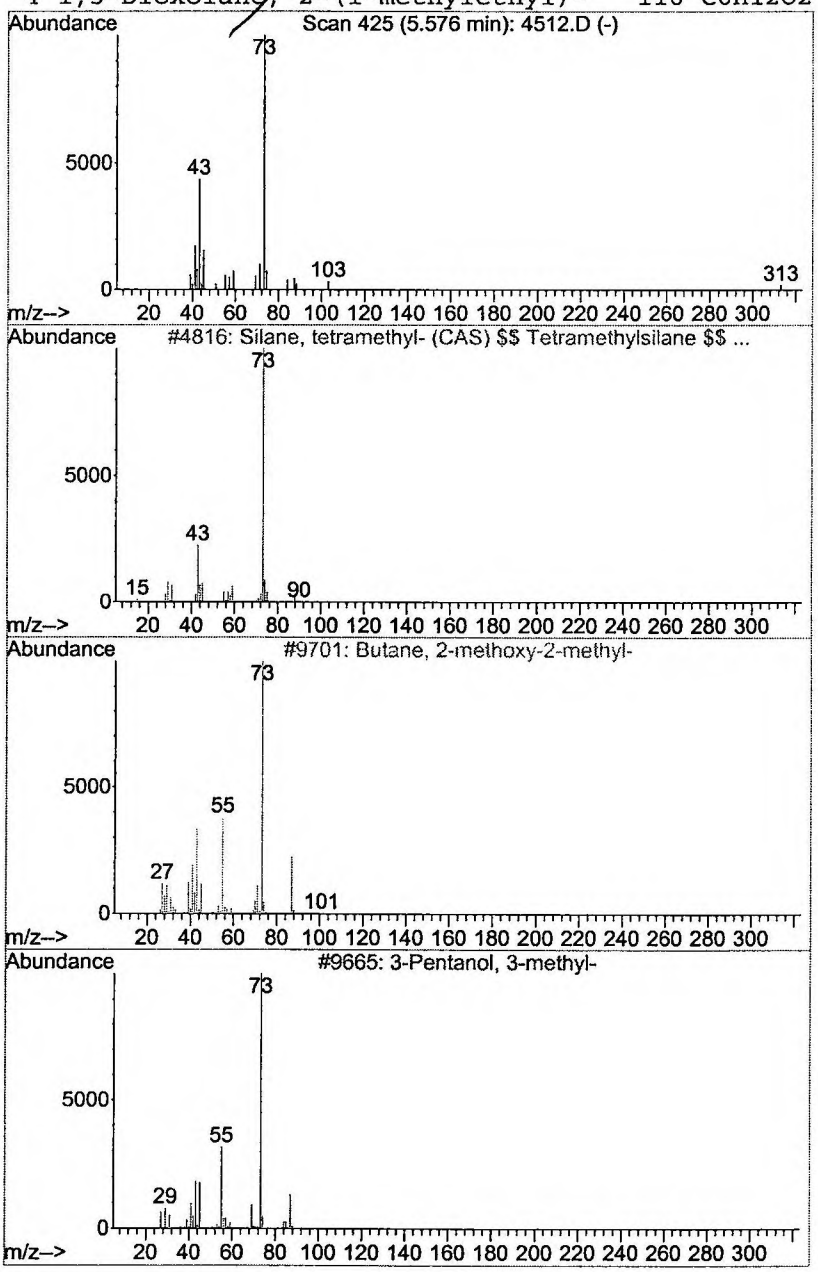
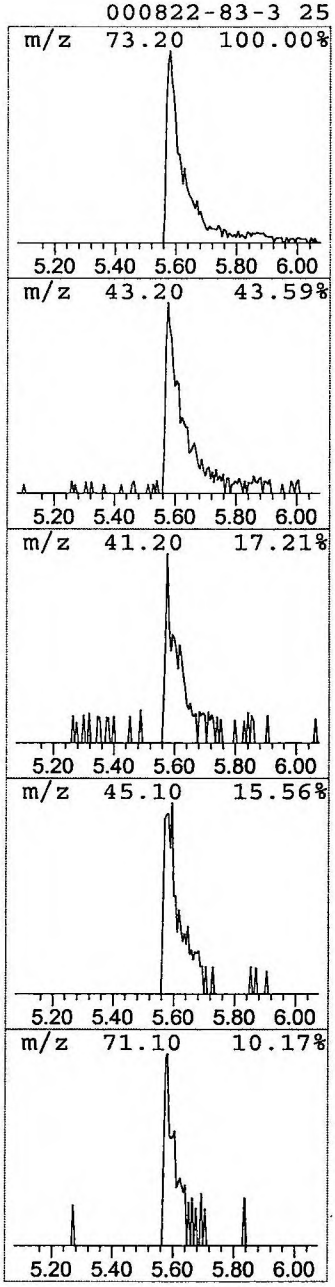
Peak Number 1 Silane, tetramethyl- (CAS) ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.58	0.56 ug/L	147653	1,4-Dichlorobenzene-d4	9.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl- (CAS) $$ Te...	88	C4H12Si	000075-76-3	38
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	25





Operator ID: McLean Date Acquired: 27 Mar 2002 8:02 pm
Data File: C:\MSDCHEM\1\DATA\032602\4512.D
Name: SAMPLE 4512 3/2/02
Misc:
Method: C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title: Quantitation For Method 508gcscan
Library Searched: C:\DATABASE\WILEY7N.L

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Silane, tetrameth...	5.58	0.6	ug/L	147653	1	9.55	5231360	20.0