

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 04/03/2002 Time: 12:47:10

Sample: AE03264
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 4/3/02 12:46 Ended: 4/3/02 12:46 Analyst: DLV
 Page: 1

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

Comments for Sample AE03264 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-03-2002 Time: 12:47:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. Recoveries for 11 of the 43 compounds in the LCS Standard were low.

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03264.D

Vial: 29

Acq On : 2 Mar 2002 12:03 pm

Operator: McLean

Sample : 2/13/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Apr 03 06:00:29 2002

Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Mon Feb 25 19:17:14 2002

Response via : Initial Calibration

DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	9.58	150	1493040	20.00	ug/L	0.00
10) Naphthalene-d8	13.05	136	3988610	20.00	ug/L	0.00
17) Acenaphthene-d10	18.16	164	2204676	20.00	ug/L	0.00
29) Phenanthrene-d10	22.52	188	3351489	20.00	ug/L	0.00
38) Chrysene-d12	30.33	240	3026357	20.00	ug/L	-0.03
44) Perylene-d12	34.21	264	2002351	20.00	ug/L	0.00

System Monitoring Compounds

37) 2,4-ddd surr	27.46	235	211528	3.98	ug/L	0.00
Spiked Amount	5.000		Recovery	=	79.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	3.30	74	9157	N.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) Azobenzene/ 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	24.67	149	110297	0.49	ug/L 98
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) anthracene	30.33	228	7523	N.D.	
42) Bis (2-ethylhexyl) phthala	30.93	149	3688	N.D.	
43) Chrysene	30.33	228	7523	N.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

03264.D 5080202.M Wed Apr 03 06:00:44 2002

Quantitation Report

(QT Reviewed)

Data File : C:\MSDCHEM\1\DATA\022802\03264.D

Vial: 29

Acq On : 2 Mar 2002 12:03 pm

Operator: McLean

Sample : 2/13/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Apr 03 06:00:29 2002

Quant Results File: 5080202.RES

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Mon Feb 25 19:17:14 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	34.21	252	7372		N.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

03264.D 5080202.M Wed Apr 03 06:00:44 2002

Data File : C:\MSDCHEM\1\DATA\022802\03264.D

Vial: 29

Acq On : 2 Mar 2002 12:03 pm

Operator: McLean

Sample : 2/13/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: BENZO.P

Quant Time: Apr 3 6:00 2002

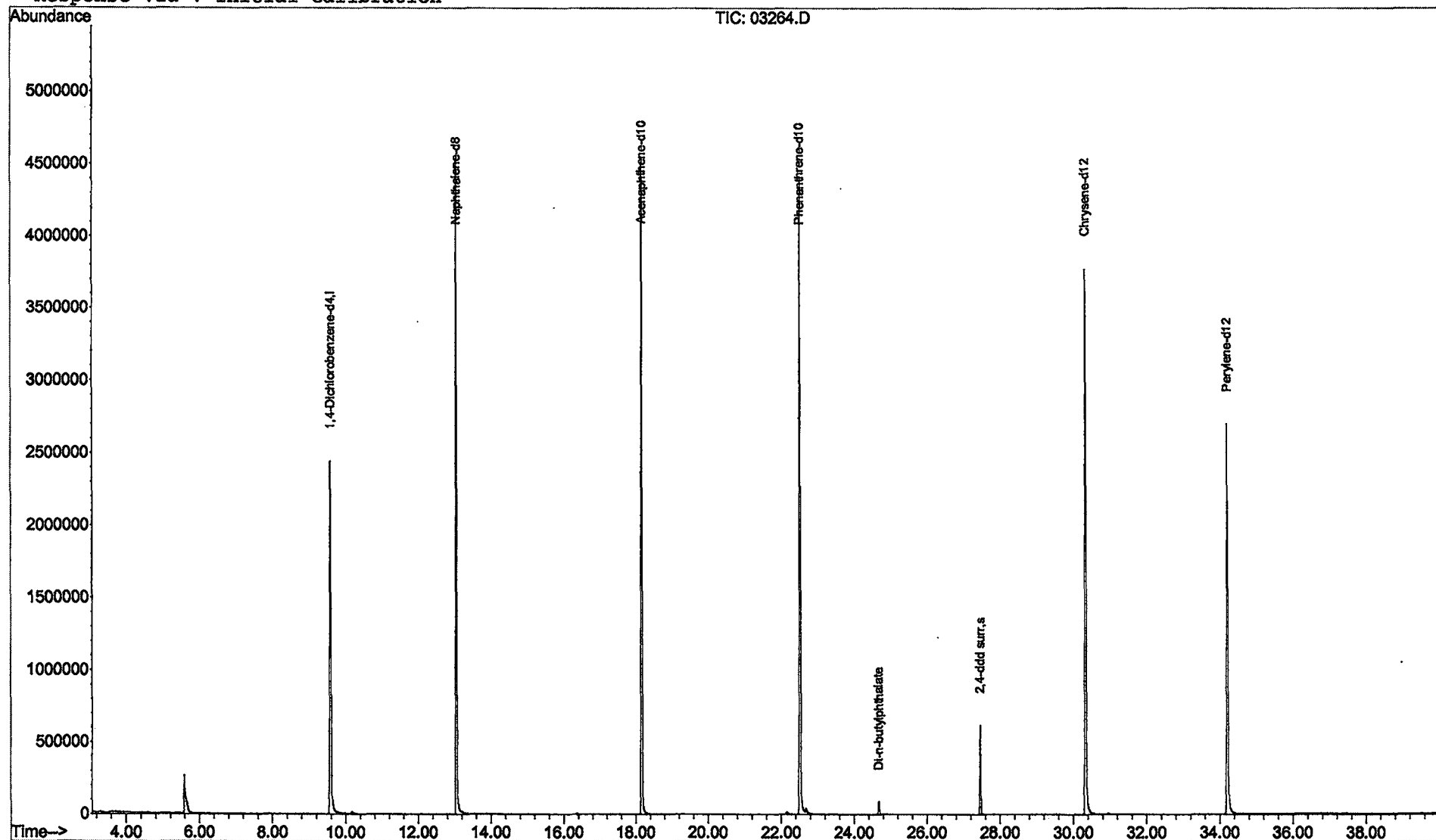
Quant Results File: 5080202.RES

Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)

Title : Quantitation For Method 508gcscan

Last Update : Mon Feb 25 19:17:14 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\MSDCHEM\1\DATA\022802\03264.D

Vial: 29

Acq On : 2 Mar 2002 12:03 pm

Operator: McLean

Sample : 2/13/02 GC SCAN

Inst : Instrumen

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\MSDCHEM\1\5973N\5080202.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

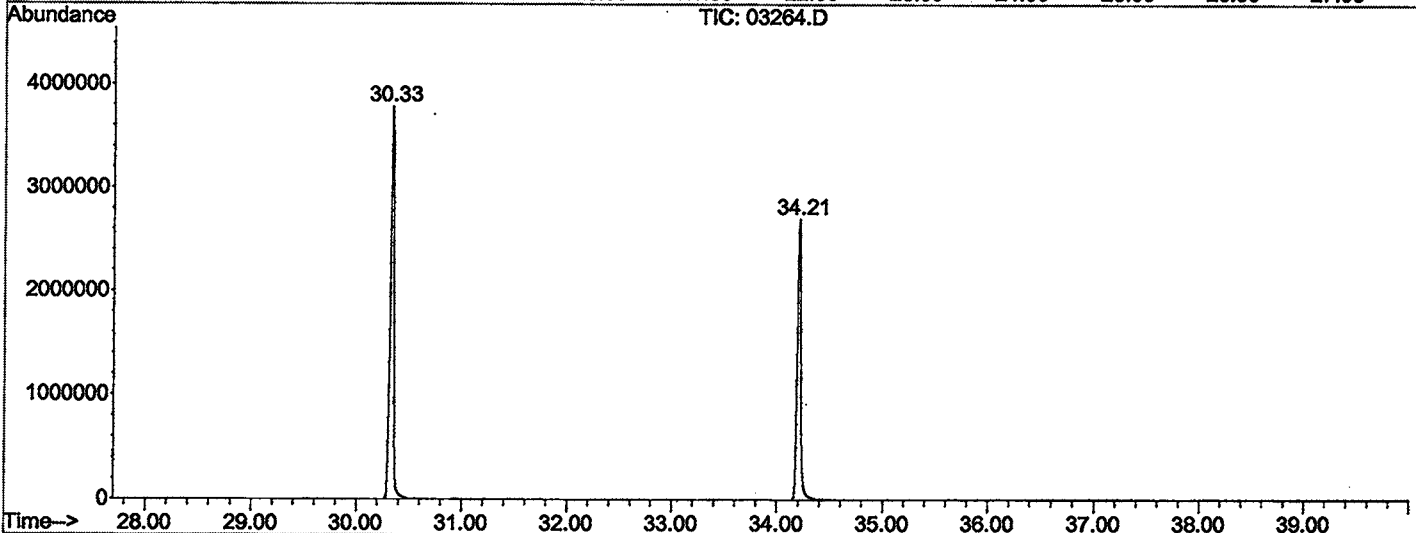
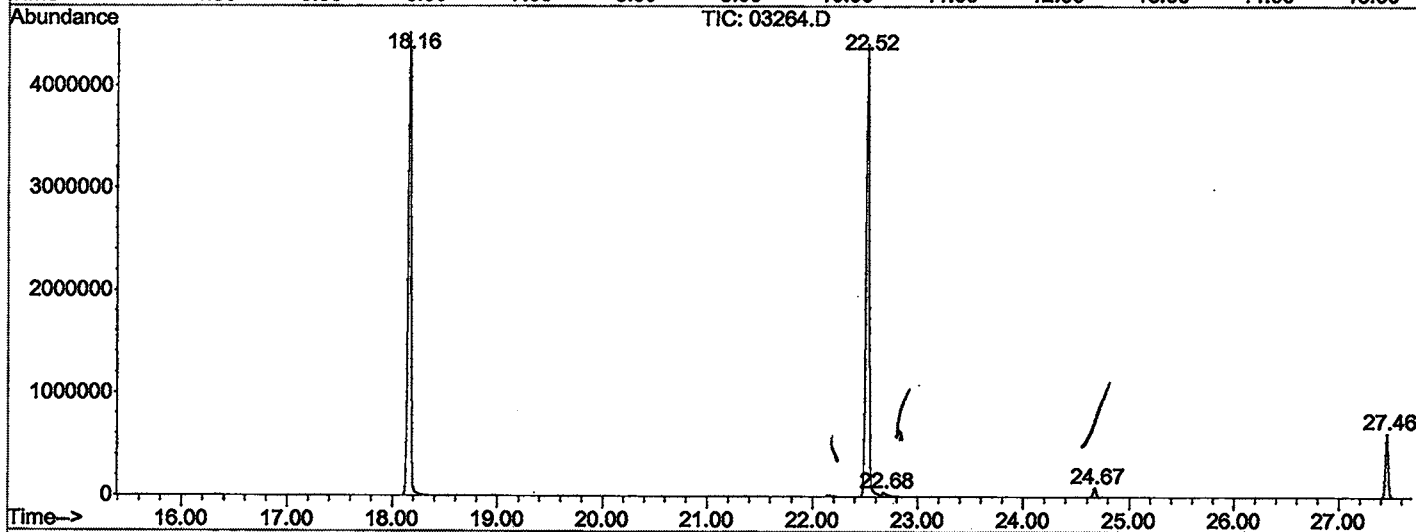
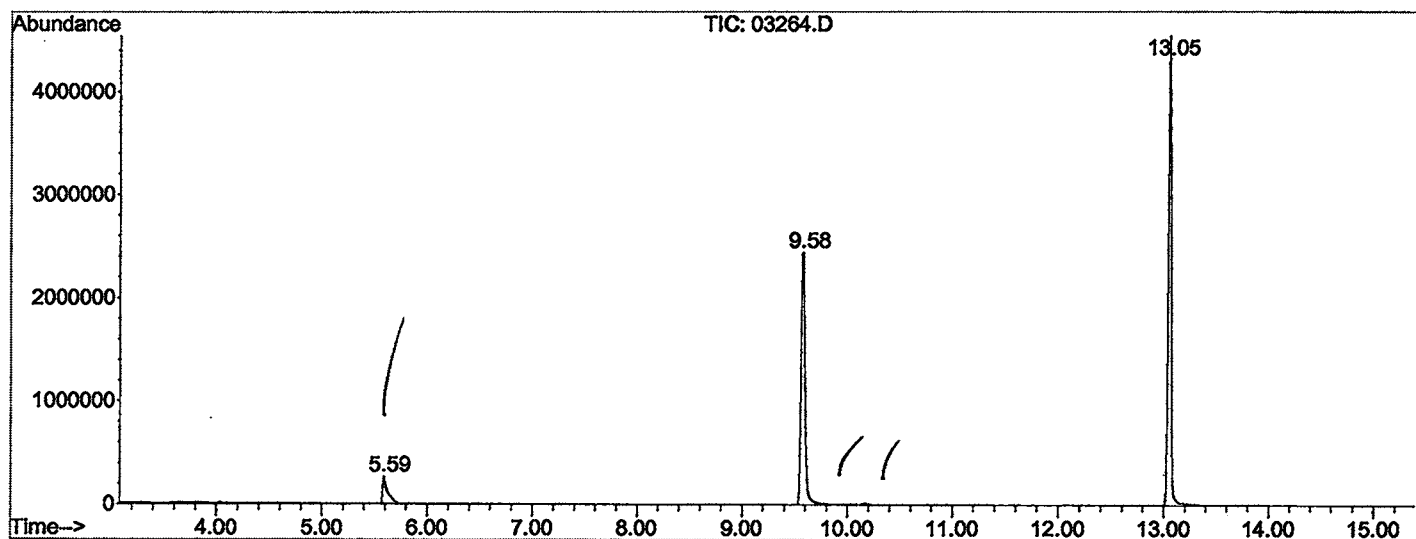
Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.589	274	277	299	rBV	260256	816854	8.87%	1.606%
2	9.579	711	717	732	rBV	2440559	6308338	68.53%	12.401%
3	13.053	1094	1100	1116	rBV	4541700	8587057	93.29%	16.881%
4	18.160	1657	1663	1679	rBV	4515171	9118554	99.06%	17.925%
5	22.523	2137	2144	2158	rBV2	4410946	9205036	100.00%	18.095%
6	22.677	2158	2161	2175	rVB	36722	112749	1.22%	0.222%
7	24.672	2376	2381	2394	rVB	87916	173096	1.88%	0.340%
8	27.457	2683	2688	2693	rBV	618956	1113511	12.10%	2.189%
9	30.332	2998	3005	3022	rBV2	3778674	8844877	96.09%	17.387%
10	34.214	3425	3433	3448	rBV2	2698307	6589161	71.58%	12.953%

Sum of corrected areas: 50869233

LSC Report - Integrated Chromatogram

File : C:\MSDCHEM\1\DATA\022802\03264.D
 Operator : McLean
 Acquired : 2 Mar 2002 12:03 pm using AcqMethod 508SCAN
 Instrument : Instrumen
 Sample Name: 2/13/02 GC SCAN
 Misc Info :
 Vial Number: 29
 Quant File :5080202.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\MSDCHEM\1\DATA\022802\03264.D
 Acq On : 2 Mar 2002 12:03 pm
 Sample : 2/13/02 GC SCAN
 Misc :
 MS Integration Params: LSCINT.P

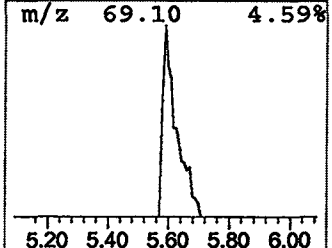
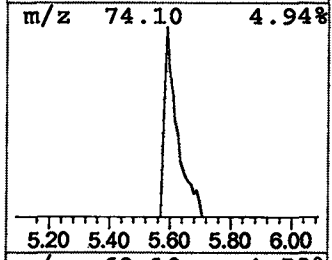
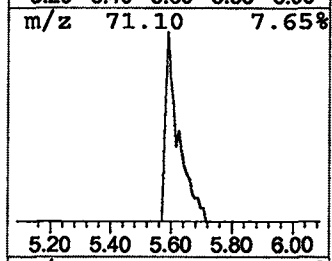
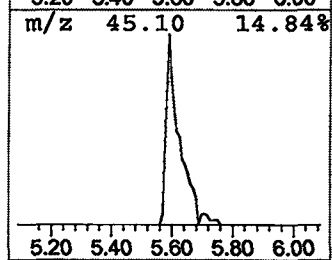
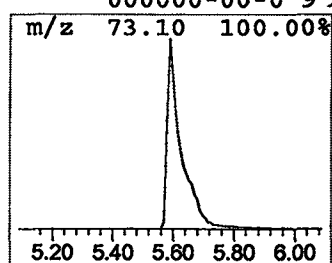
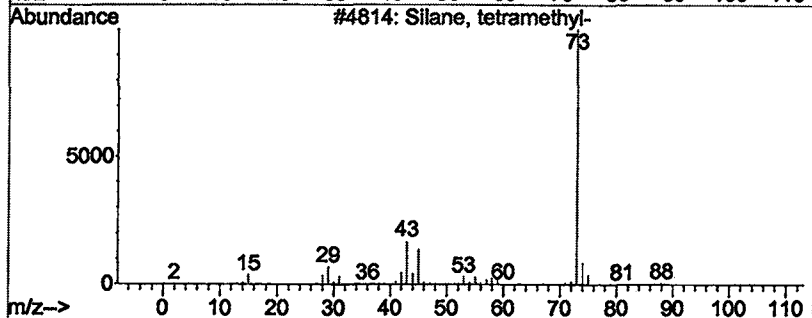
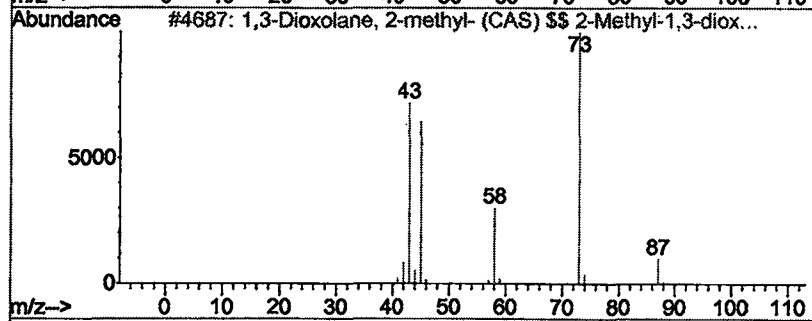
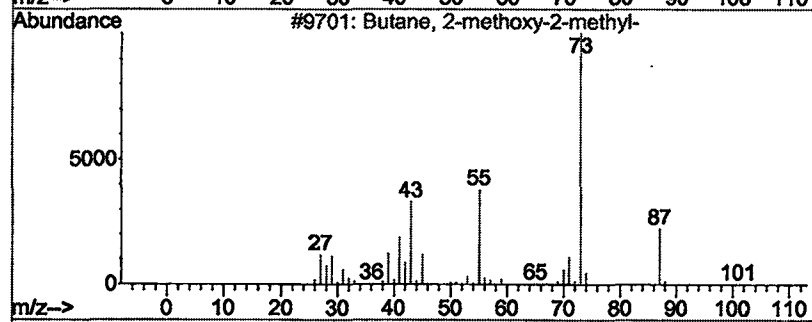
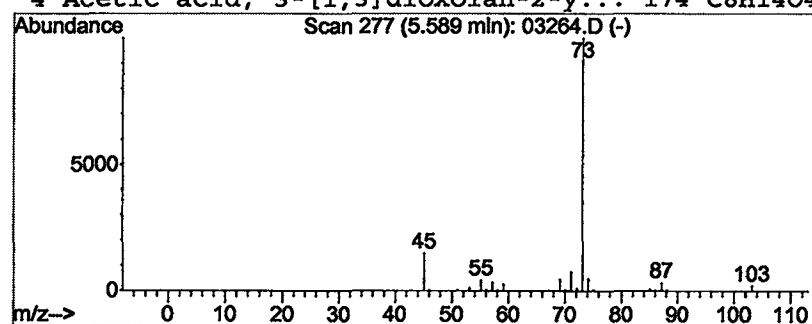
Vial: 29
 Operator: McLean
 Inst : Instrumen
 Multiplr: 1.00

Quant Method : C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
 Title : Quantitation For Method 508gcscan
 Library : C:\DATABASE\WILEY7N.L

 Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	2.59 ug/L	816854	1,4-Dichlorobenzene-d4	9.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual.
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
2	1,3-Dioxolane, 2-methyl- (CAS) \$...	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	000000-00-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: McLean Date Acquired: 2 Mar 2002 12:03 pm
 Data File: C:\MSDCHEM\1\DATA\022802\03264.D
 Name: 2/13/02 GC SCAN
 Misc:
 Method: C:\MSDCHEM\1\5973N\5080202.M (RTE Integrator)
 Title: Quantitation For Method 508gcscan
 Library Searched: C:\DATABASE\WILEY7N.L

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	5.59	2.6 ug/L		816854	1	9.58	6308340	20.0