

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 09:30:47

Sample: AE03014
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 09:30 Ended: 2/15/02 09:30 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		5.0

• **Comments for Sample AE03014 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-15-2002 Time: 09:30:50

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

The recoveries for 7 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\3014.D
 Acq On : 9 Feb 2002 9:15 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 13 10:52 2002

Vial: 38
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri Feb 08 15:29:22 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.35	152	488836	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1900938	20.00	ug/l	0.00
17) Acenaphthene-d10	21.31	164	1041499	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	1535080	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	1087987	20.00	ug/l	-0.01
44) Perylene-d12	38.12	264	719275	20.00	ug/l	0.00

System Monitoring Compounds

37) 2,4-DDD	30.83	235	74440	3.90	ug/mL	0.33
Spiked Amount	5.000		Recovery	=	78.00%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	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-Chloropropan	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)methane	0.00	93	0	N.D.	
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
15) Naphthalene	16.05	128	496	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.	
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	22.78	149	2478	N.D.	
26) 4-Chlorophenyl-phenylether	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.	

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

3014.D GCMS0208.M Wed Feb 13 10:53:37 2002

Page 1

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\3014.D
 Acq On : 9 Feb 2002 9:15 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 13 10:52 2002

Vial: 38
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri Feb 08 15:29:22 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0208

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	25.76	178	489	N.D.		
34) Anthracene	25.76	178	489	N.D.		
35) Di-n-butylphthalate	27.72	149	3596	N.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)anthracene	33.82	228	2920	N.D.		
42) Bis(2-ethylhexyl)phthalate	34.02	149	2447	N.D.		
43) Chrysene	33.82	228	2920	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	38.12	252	2965	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
 3014.D GCMS0208.M Wed Feb 13 10:53:40 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\3014.D

Vial: 38

Acq On : 9 Feb 2002 9:15 pm

Operator: 209 GALOS

Sample : GC/MS SCAN 2/7

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 13 10:52 2002

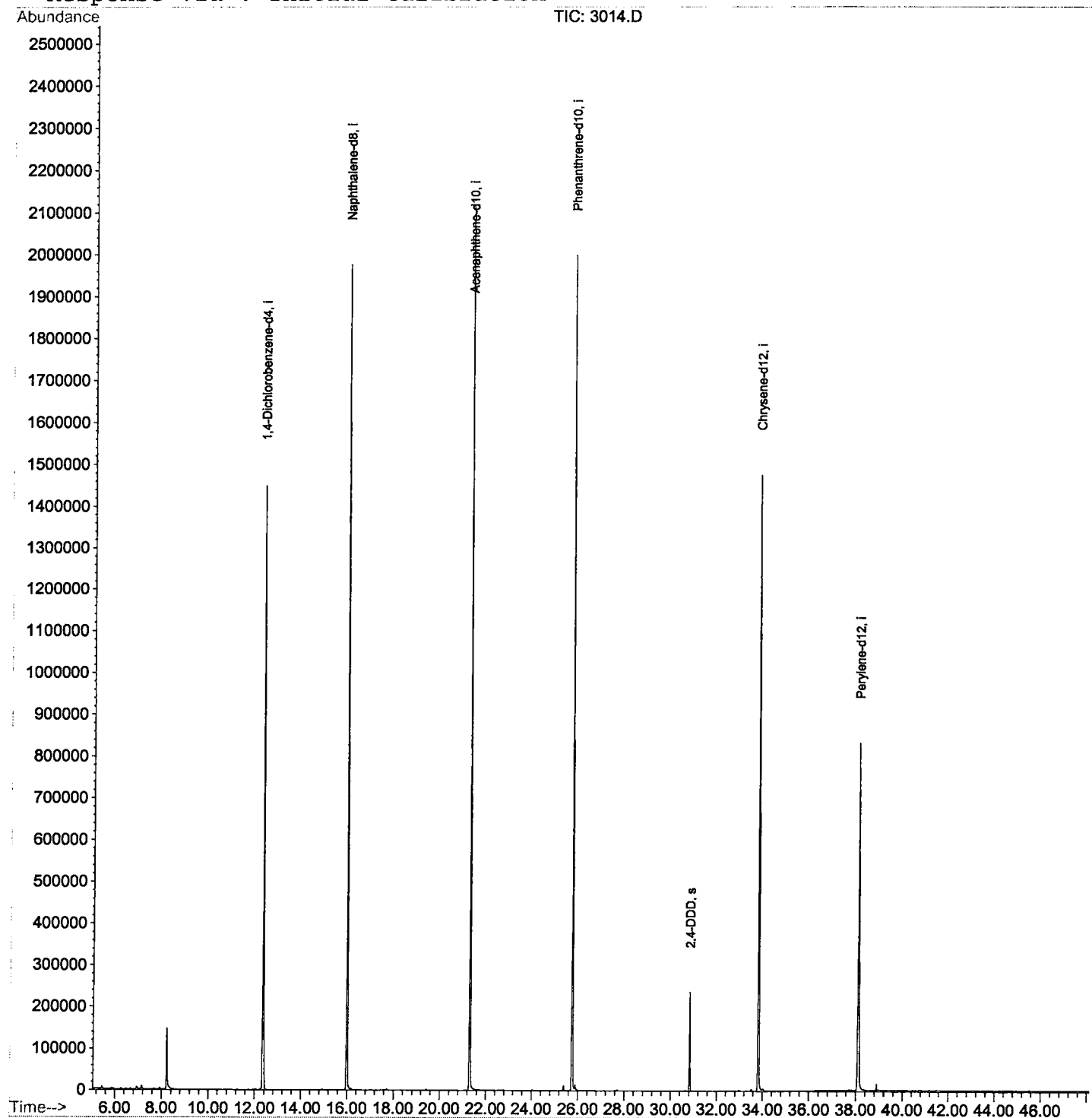
Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Feb 08 15:29:22 2002

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\3014.D
 Acq On : 9 Feb 2002 9:15 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: LSCINT.P

Vial: 38
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 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

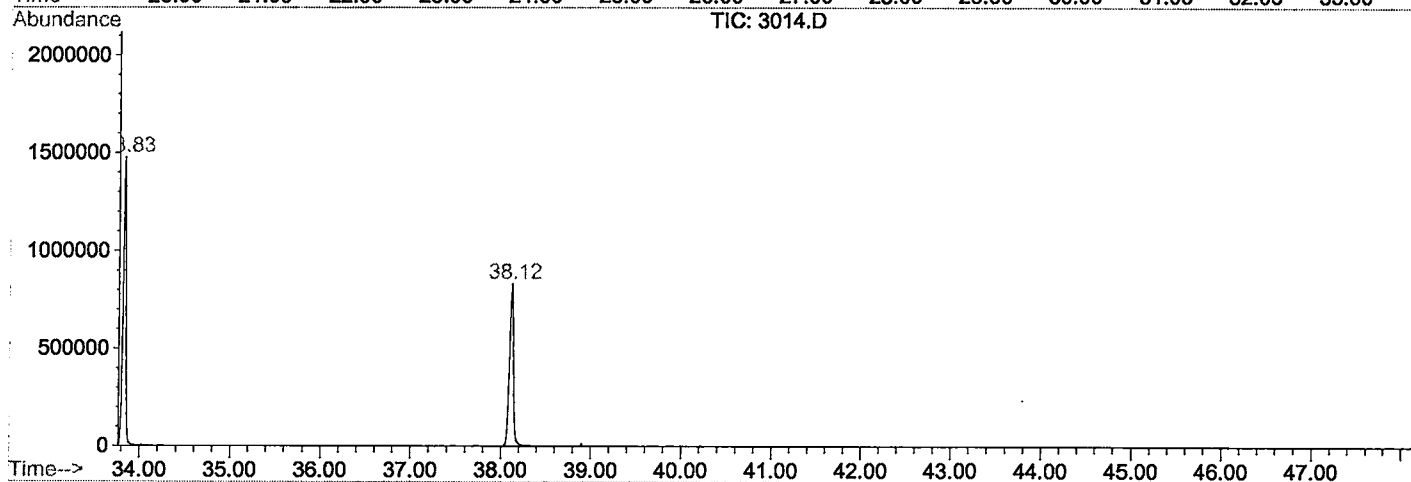
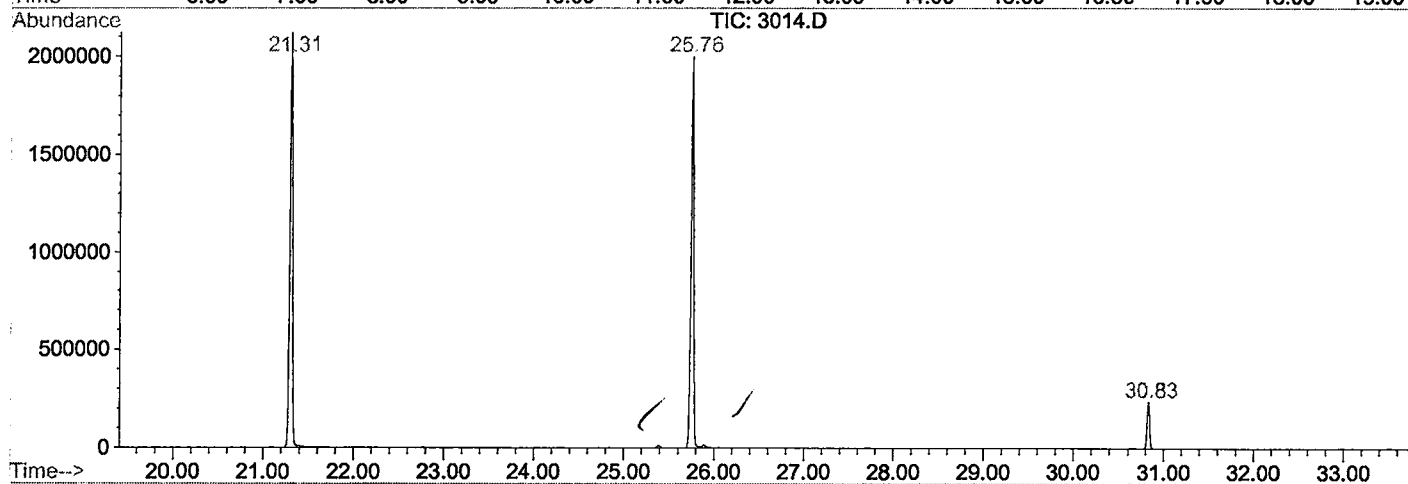
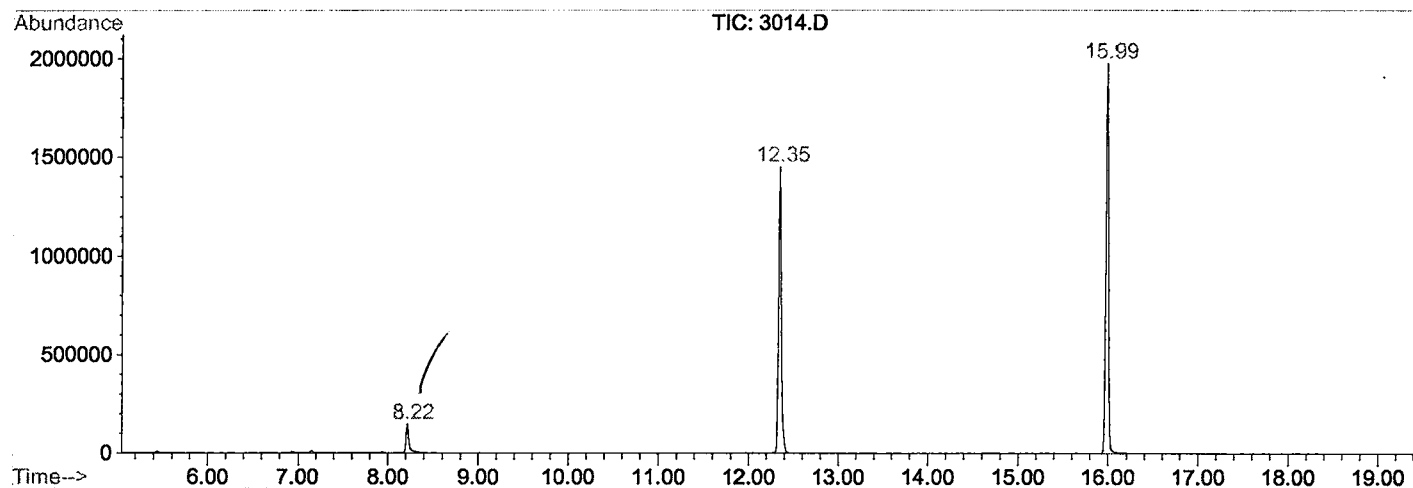
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.217	341	346	362	rBV	146273	332132	7.74%	1.502%
2	12.348	790	796	811	rVB	1449166	3084532	71.92%	13.946%
3	15.993	1186	1193	1210	rBV	1975570	3912171	91.22%	17.688%
4	21.308	1765	1772	1793	rBV	2119295	4288716	100.00%	19.391%
5	25.761	2250	2257	2267	rBV	1998002	4223488	98.48%	19.096%
6	30.828	2804	2809	2816	rBV	235736	458050	10.68%	2.071%
7	33.830	3128	3136	3150	rBV	1475714	3333131	77.72%	15.070%
8	38.117	3593	3603	3620	rBV2	830499	2485145	57.95%	11.236%

Sum of corrected areas: 22117365

3014.D GCMS0208.M Wed Feb 13 11:13:18 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\3014.D
 Operator : 209 GALOS
 Acquired : 9 Feb 2002 9:15 pm using AcqMethod GCMS0208
 Instrument : GC/MS 209
 Sample Name: GC/MS SCAN 2/7
 Misc Info :
 Vial Number: 38
 Quant File :GCMS0208.RES (RTE Integrator)



3014.D GCMS0208.M

Wed Feb 13 11:13:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\3014.D
 Acq On : 9 Feb 2002 9:15 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: LSCINT.P

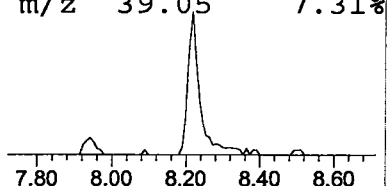
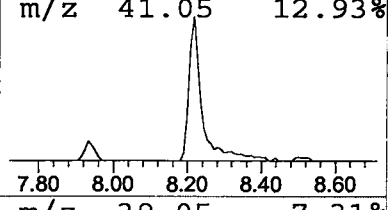
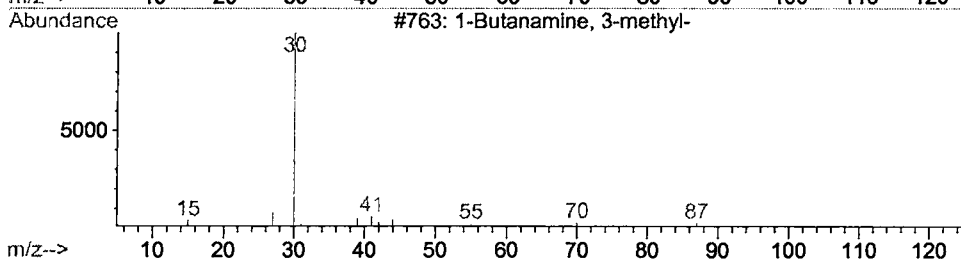
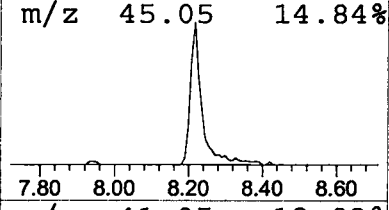
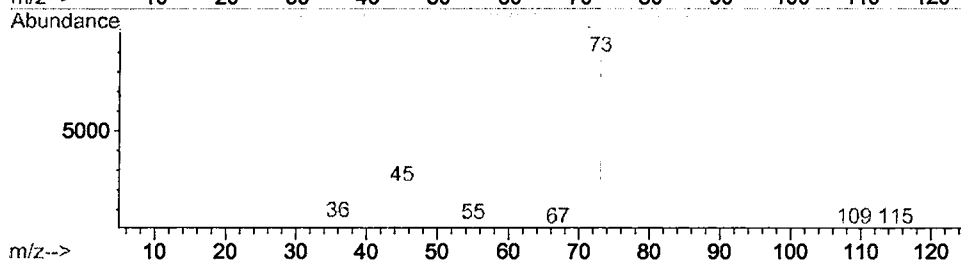
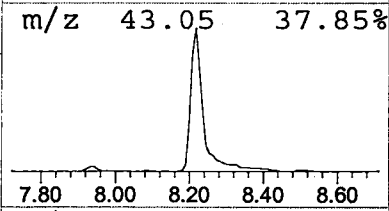
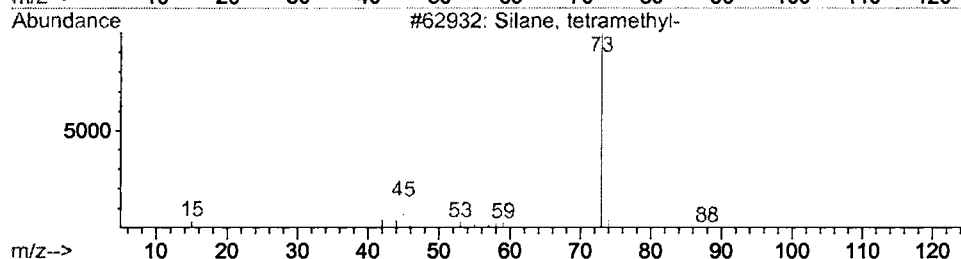
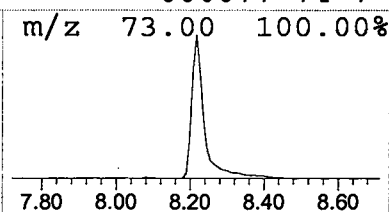
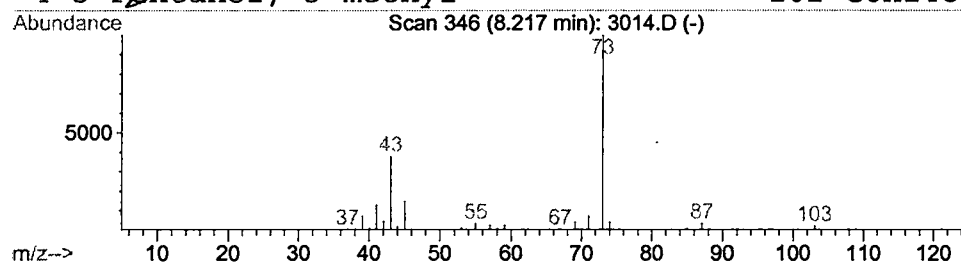
Vial: 38
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	2.15 ug/l	332132	1,4-Dichlorobenzene-d4	12.35

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	40
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 9:15 pm
 Data File: C:\HPCHEM\1\DATA\FEB0802\3014.D
 Name: GC/MS SCAN 2/7
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Silane, tetramethyl-	8.22	2.2	ug/l	332132	ISTD01	12.35	3084530	20.0

3014.D GCMS0208.M Wed Feb 13 11:13:33 2002