

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:43:04

Sample: AE00107
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:42 Ended: 2/13/02 07:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AE00107 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-13-2002 Time: 07:43:07

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
 Acq On : 25 Jan 2002 1:49 am
 Sample : GC/MS SCAN 1/3
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 8 11:44 2002

Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon Jan 07 10:31:02 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.48	152	845909	20.00	ug/l	-0.05
10) Naphthalene-d8	15.08	136	3307786	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.34	164	1651242	20.00	ug/l	-0.05
29) Phenanthrene-d10	24.76	188	2298717	20.00	ug/l	-0.05
38) Chrysene-d12	32.78	240	1423727	20.00	ug/l	-0.06
44) Perylene-d12	36.85	264	953161	20.00	ug/l	-0.05

System Monitoring Compounds

37) 2,4-DDD	29.83	235	116855	4.43	ug/mL	-0.24
Spiked Amount	5.000		Recovery	=	88.60%	

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	15.14	128	516	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	20.75	165	384	N.D.	
25) Diethylphthalate	21.87	149	732	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
Acq On : 25 Jan 2002 1:49 am
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:44 2002

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0103

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	24.77	178	808	N.D.		
34) Anthracene	24.77	178	808	N.D.		
35) Di-n-butylphthalate	26.78	149	4957	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	32.79	228	3613	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.08	149	4303	N.D.		
43) Chrysene	32.79	228	3613	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	36.85	252	3724	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

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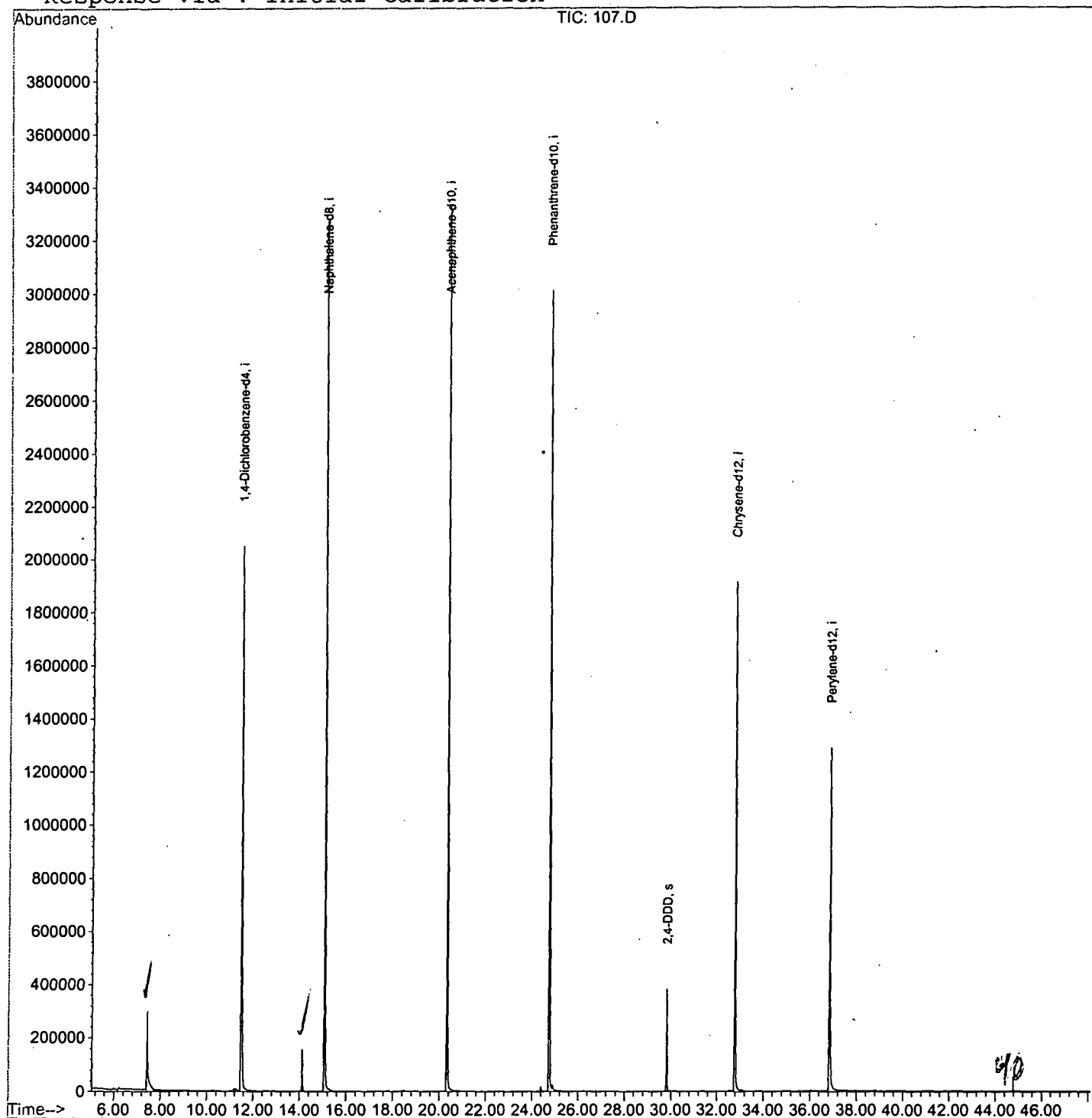
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
Acq On : 25 Jan 2002 1:49 am
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 8 11:44 2002

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
 Acq On : 25 Jan 2002 1:49 am
 Sample : GC/MS SCAN 1/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 14
 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
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Signal : TIC

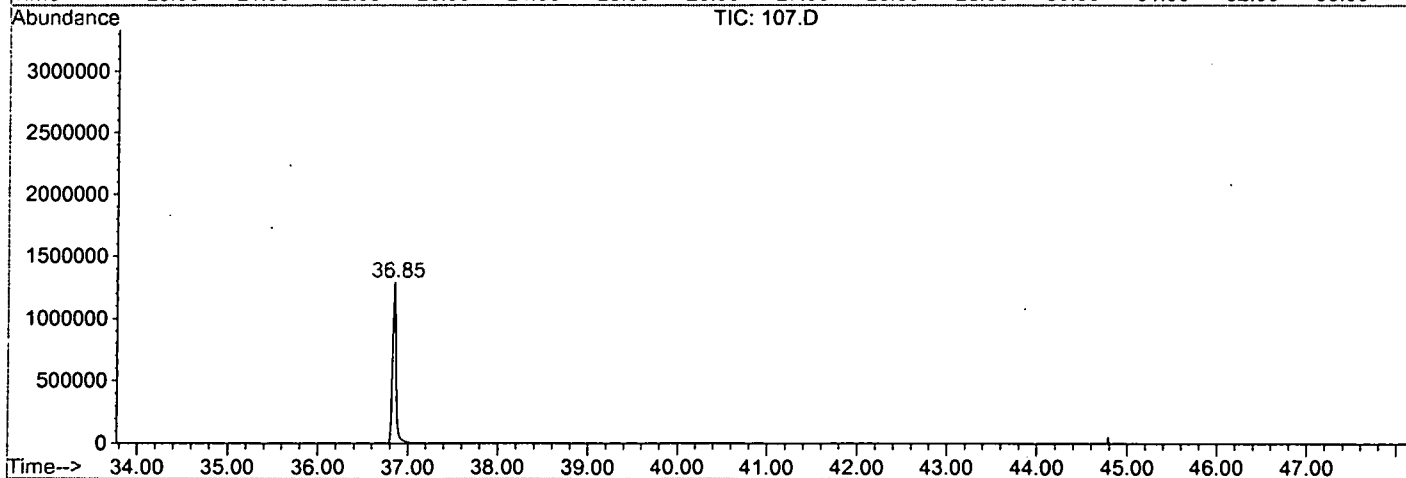
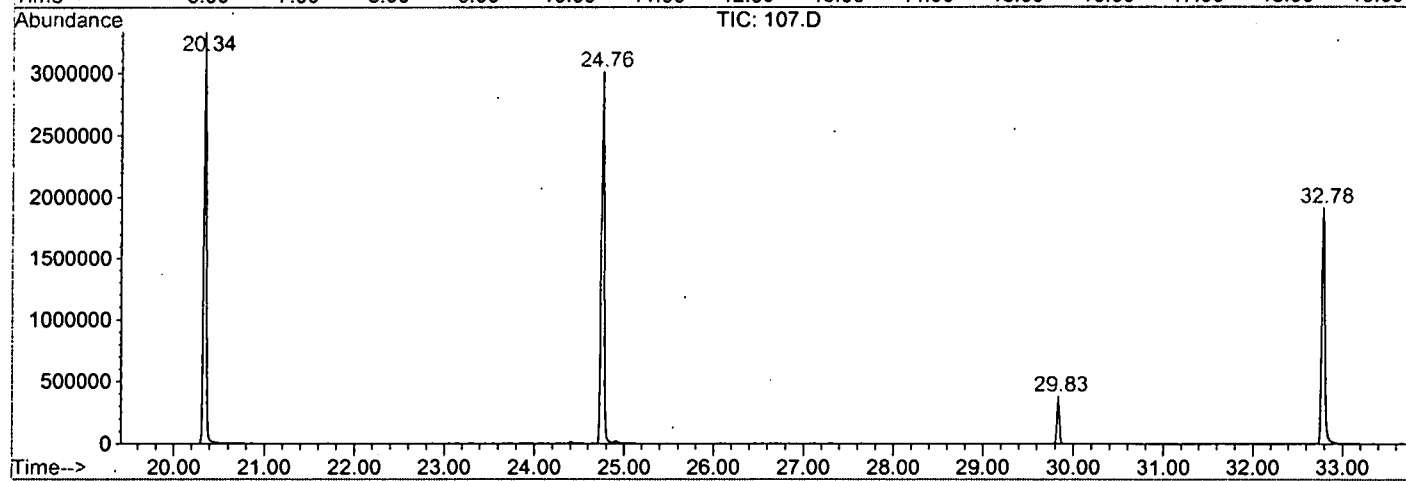
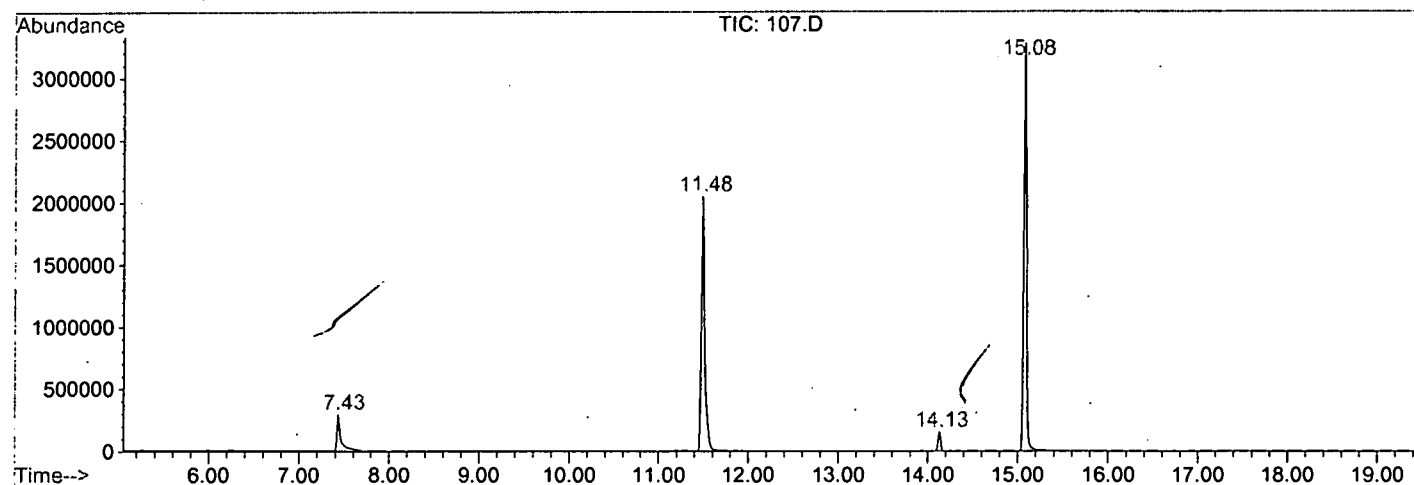
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.434	256	260	295	rVB	292544	913026	13.20%	2.571%
2	11.483	696	701	721	rBV	2048461	5334811	77.11%	15.022%
3	14.127	984	989	996	rBV	154914	308895	4.46%	0.870%
4	15.081	1087	1093	1111	rBV	3271855	6766534	97.80%	19.054%
5	20.342	1660	1666	1690	rBV	3331569	6918586	100.00%	19.482%
6	24.757	2141	2147	2159	rBV2	3009882	6450319	93.23%	18.163%
7	29.834	2695	2700	2708	rBV	382788	725050	10.48%	2.042%
8	32.781	3015	3021	3037	rBV2	1913624	4578827	66.18%	12.893%
9	36.848	3456	3464	3486	rBV	1287402	3516902	50.83%	9.903%

Sum of corrected areas: 35512950

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN2402\107.D
 Operator : 209 GALOS
 Acquired : 25 Jan 2002 1:49 am using AcqMethod GCMS0103
 Instrument : GC/MS 209
 Sample Name: GC/MS SCAN 1/3
 Misc Info :
 Vial Number: 14
 Quant File :GCMS0103.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
 Acq On : 25 Jan 2002 1:49 am
 Sample : GC/MS SCAN 1/3
 Misc :
 MS Integration Params: LSCINT.P

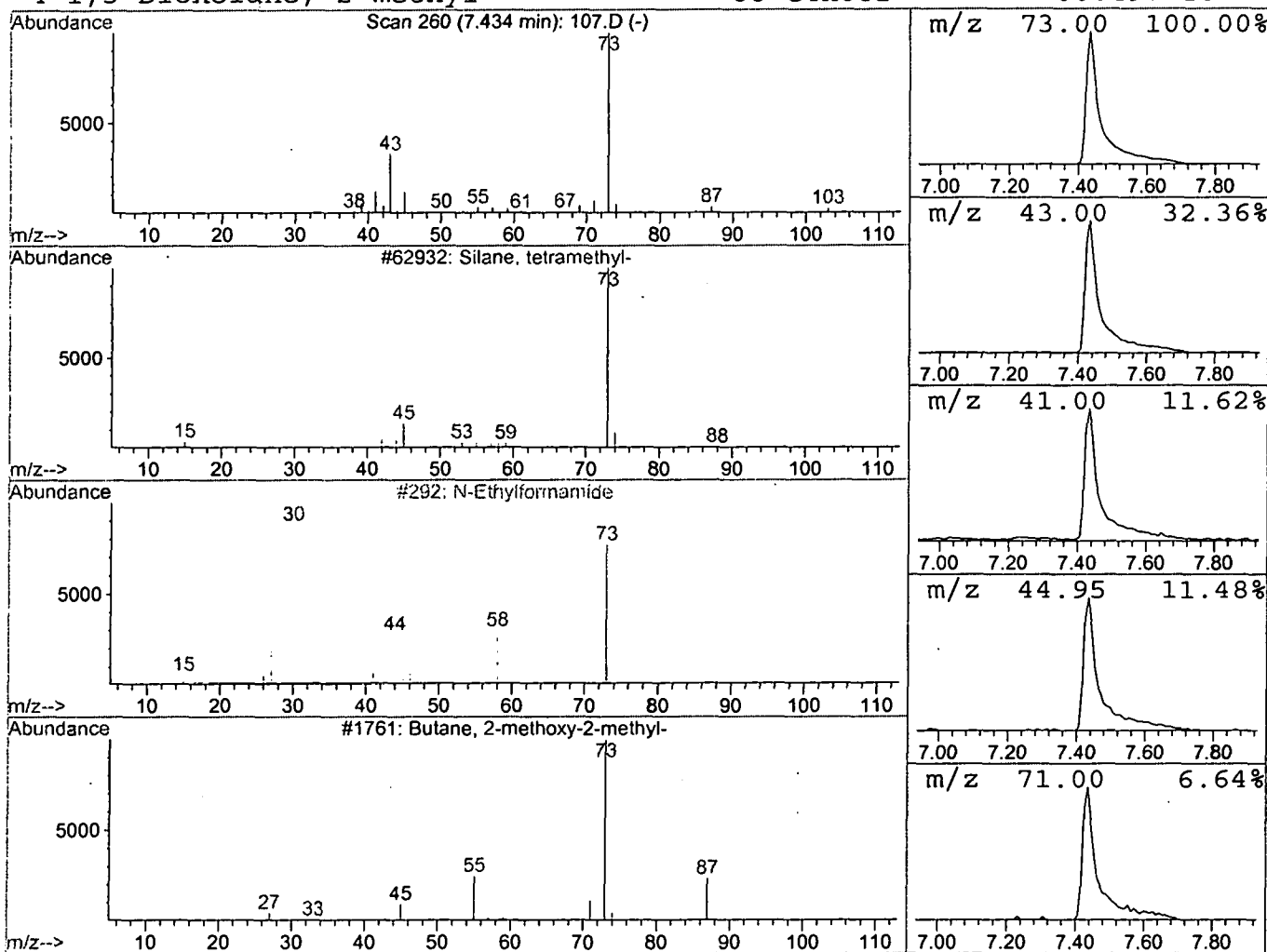
Vial: 14
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.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.
7.43	3.42 ug/l	913026	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN2402\107.D
Acq On : 25 Jan 2002 1:49 am
Sample : GC/MS SCAN 1/3
Misc :
MS Integration Params: LSCINT.P

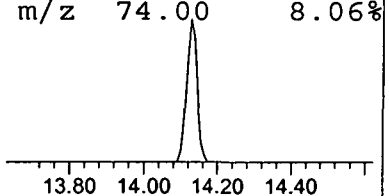
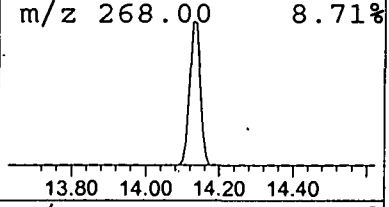
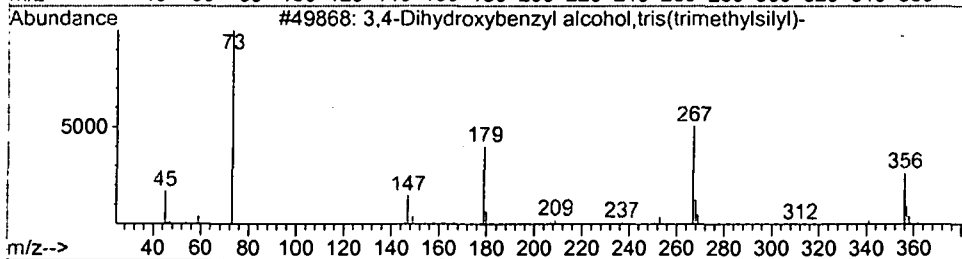
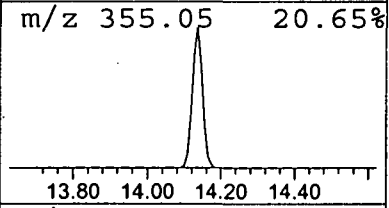
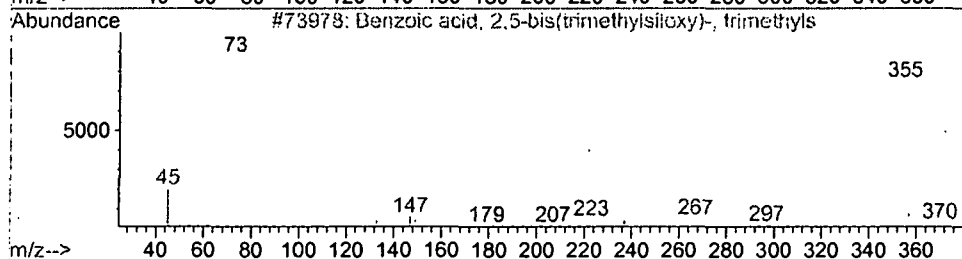
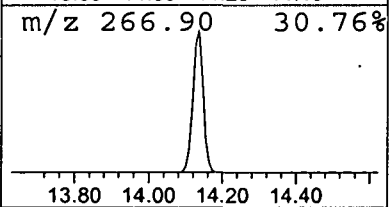
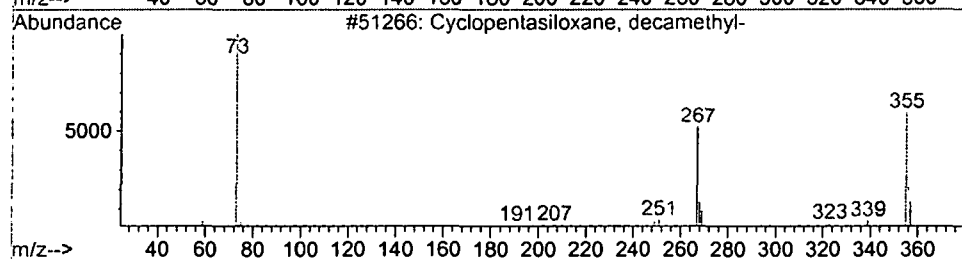
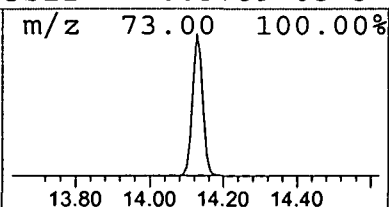
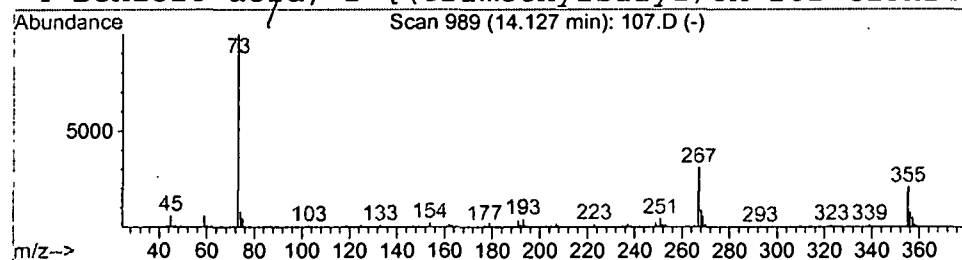
Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.13	0.91 ug/l	308895	Naphthalene-d8	15.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	50
2			Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	47
3			3,4-Dihydroxybenzyl alcohol, tris(tr	356	C16H32O3Si3	068595-79-9	43
4			Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Jan 2002 1:49 am
 Data File: C:\HPCHEM\1\DATA\JAN2402\107.D
 Name: GC/MS SCAN 1/3
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.43	3.4	ug/l	913026	ISTD01	11.48	5334810	20.0
Cyclopentasiloxane,	14.13	0.9	ug/l	308895	ISTD02	15.08	6766530	20.0

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