

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/07/2002 Time: 15:51:35

Sample: AD31376
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/7/02 15:51 Ended: 2/7/02 15:51 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD31376 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-07-2002 Time: 15:51:38

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

The recoveries for 6 of the 43 compounds were above their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31376.D

Vial: 20

Acq On : 16 Jan 2002 5:33 am

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Feb 4 14:40 2002

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Jan 22 11:56:23 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	731042	20.00	ug/l	-0.20
10) Naphthalene-d8	15.09	136	2877428	20.00	ug/l	-0.21
17) Acenaphthene-d10	20.35	164	1441923	20.00	ug/l	-0.22
29) Phenanthrene-d10	24.77	188	2000797	20.00	ug/l	-0.22
38) Chrysene-d12	32.80	240	1128617m	20.00	ug/l	-0.23
44) Perylene-d12	36.86	264	744662	20.00	ug/l	-0.26

System Monitoring Compounds

37) 2,4-DDD	29.85	235	90279	4.10	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	82.00%	

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	15.15	128	805	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	20.67	165	368	N.D.	
25) Diethylphthalate	21.89	149	573	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

31376.D GCMS1126.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1502\31376.D

Vial: 20

Acq On : 16 Jan 2002 5:33 am

Operator: 209 GALOS

Sample : gc/ms scan 12/26

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Feb 4 14:40 2002

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Jan 22 11:56:23 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	24.78	178	830	N.D.		
34) Anthracene	24.78	178	830	N.D.		
35) Di-n-butylphthalate	26.80	149	8936	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	2865	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.11	149	3815	N.D.		
43) Chrysene	32.79	228	2865	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	36.86	252	2999	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

31376.D GCMS1126.M

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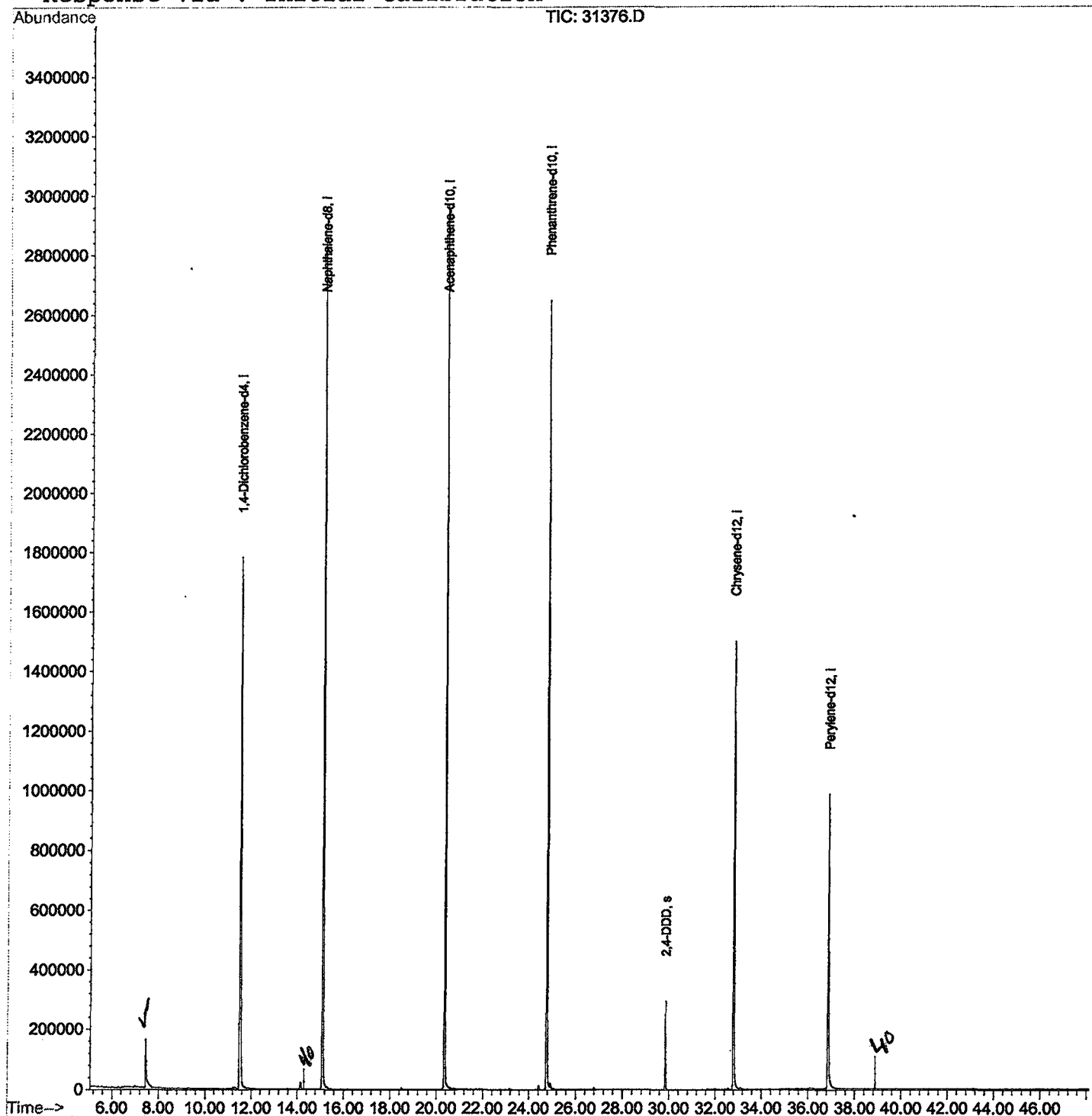
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31376.D
 Acq On : 16 Jan 2002 5:33 am
 Sample : gc/ms scan 12/26
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Feb 4 14:40 2002

Vial: 20
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Tue Jan 22 11:56:23 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31376.D

Acq On : 16 Jan 2002 5:33 am

Sample : gc/ms scan 12/26

Misc :

MS Integration Params: LSCINT.P

Vial: 20

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.456	259	263	282	rBV	160722	479848	7.86%	1.613%
2	11.496	698	703	722	rBV	1780859	4602106	75.41%	15.467%
3	15.094	1089	1095	1114	rBV	2832803	5909990	96.85%	19.862%
4	20.355	1661	1668	1686	rBV	2972298	6102463	100.00%	20.509%
5	24.770	2143	2149	2162	rBV2	2648464	5664315	92.82%	19.037%
6	29.847	2697	2702	2709	rBV2	294513	570180	9.34%	1.916%
7	32.794	3017	3023	3043	rBV2	1501997	3673538	60.20%	12.346%
8	36.861	3460	3466	3486	rBV2	984756	2752289	45.10%	9.250%

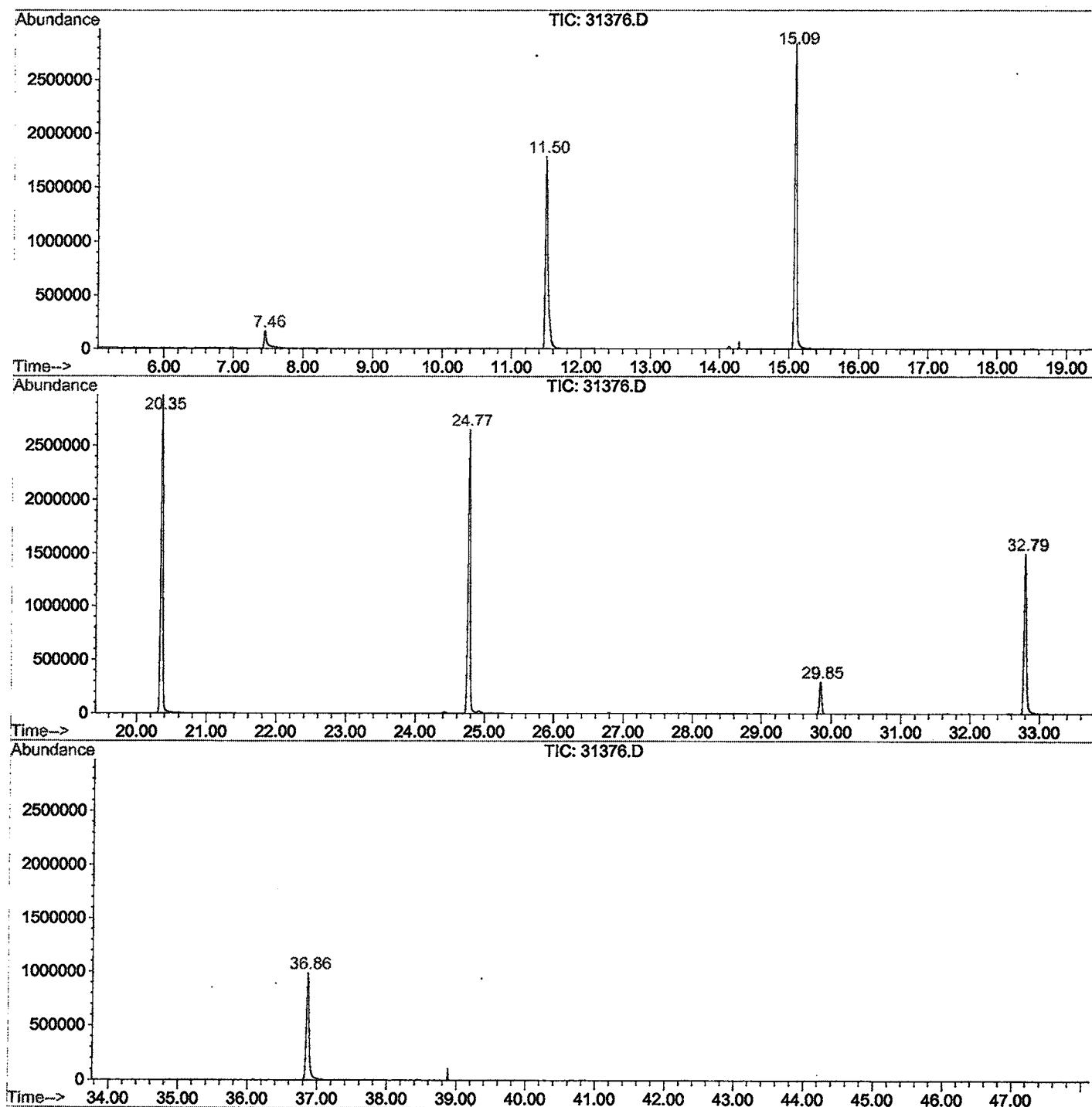
Sum of corrected areas: 29754729

31376.D GCMS1126.M

Mon Feb 04 15:06:26 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1502\31376.D
Operator : 209 GALOS
Acquired : 16 Jan 2002 5:33 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/26
Misc Info :
Vial Number: 20
Quant File :GCMS1126.RES (RTE Integrator)



31376.D GCMS1126.M

Mon Feb 04 15:06:32 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1502\31376.D
Acq On : 16 Jan 2002 5:33 am
Sample : gc/ms scan 12/26
Misc :
MS Integration Params: LSCINT.P

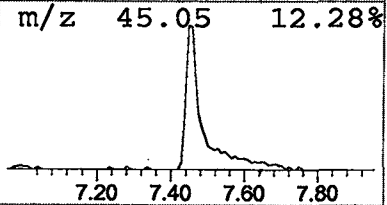
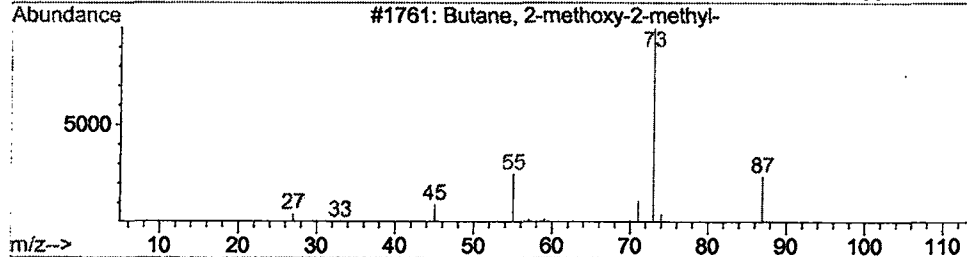
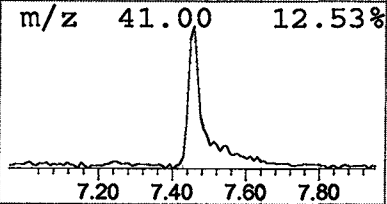
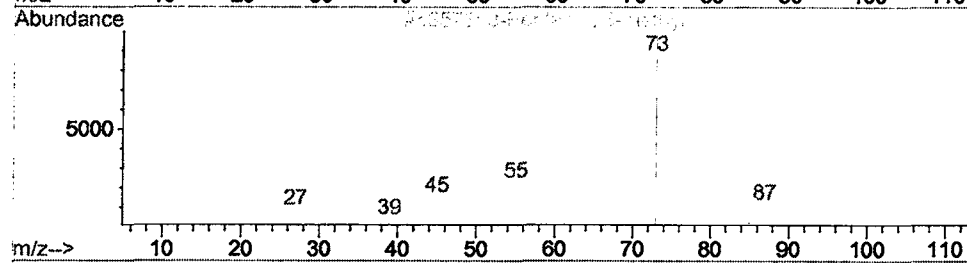
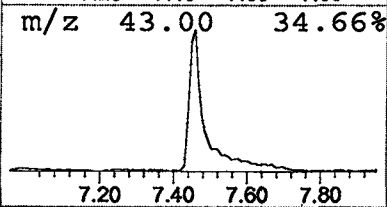
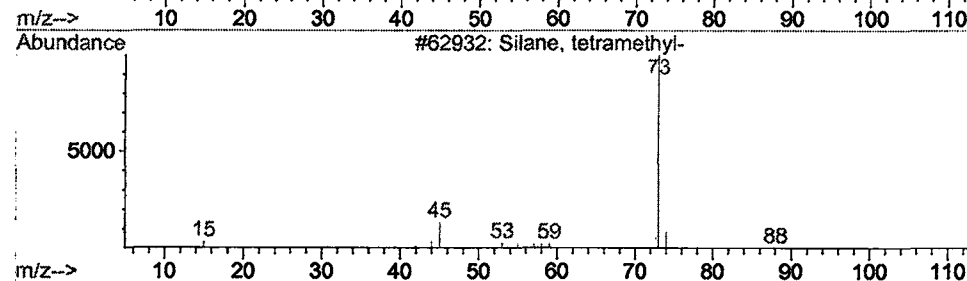
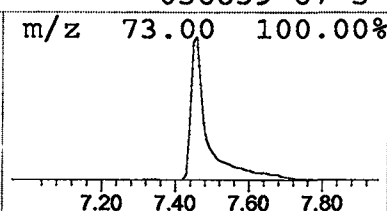
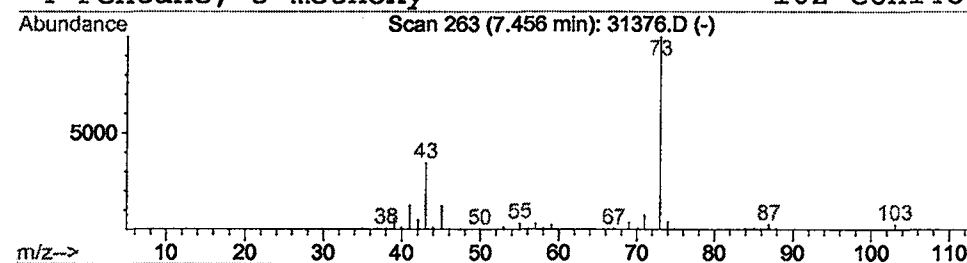
Vial: 20
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.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.
7.46	2.09 ug/l	479848	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
3			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Jan 2002 5:33 am
 Data File: C:\HPCHEM\1\DATA\JAN1502\31376.D
 Name: gc/ms scan 12/26
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS1126.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	7.46	2.1	ug/l	479848	ISTD01	11.50	4602110	20.0

31376.D GCMS1126.M Mon Feb 04 15:06:41 2002

column