User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 17:00:58

Sample: AD31133
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 17:00 Ended: 2/11/02 17:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Comments for Sample AD31133 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 17:01:02

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 13 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31133.D Vial: 23
Acq On : 10 Jan 2002 12:34 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:39 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	838715	20.00	ug/l	0.00
10) Naphthalene-d8	15.13	136	3283148	20.00	ug/l	0.00
17) Acenaphthene-d10	20.40	164	1657498	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	2342697	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1406630	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	830286	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	101016	3.76	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 75.20%			
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	15.18	128	1511	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	20.93	165	173	N.D.		
25) Diethylphthalate	21.92	149	492	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0902\31133.D Vial: 23
Acq On : 10 Jan 2002 12:34 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:39 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

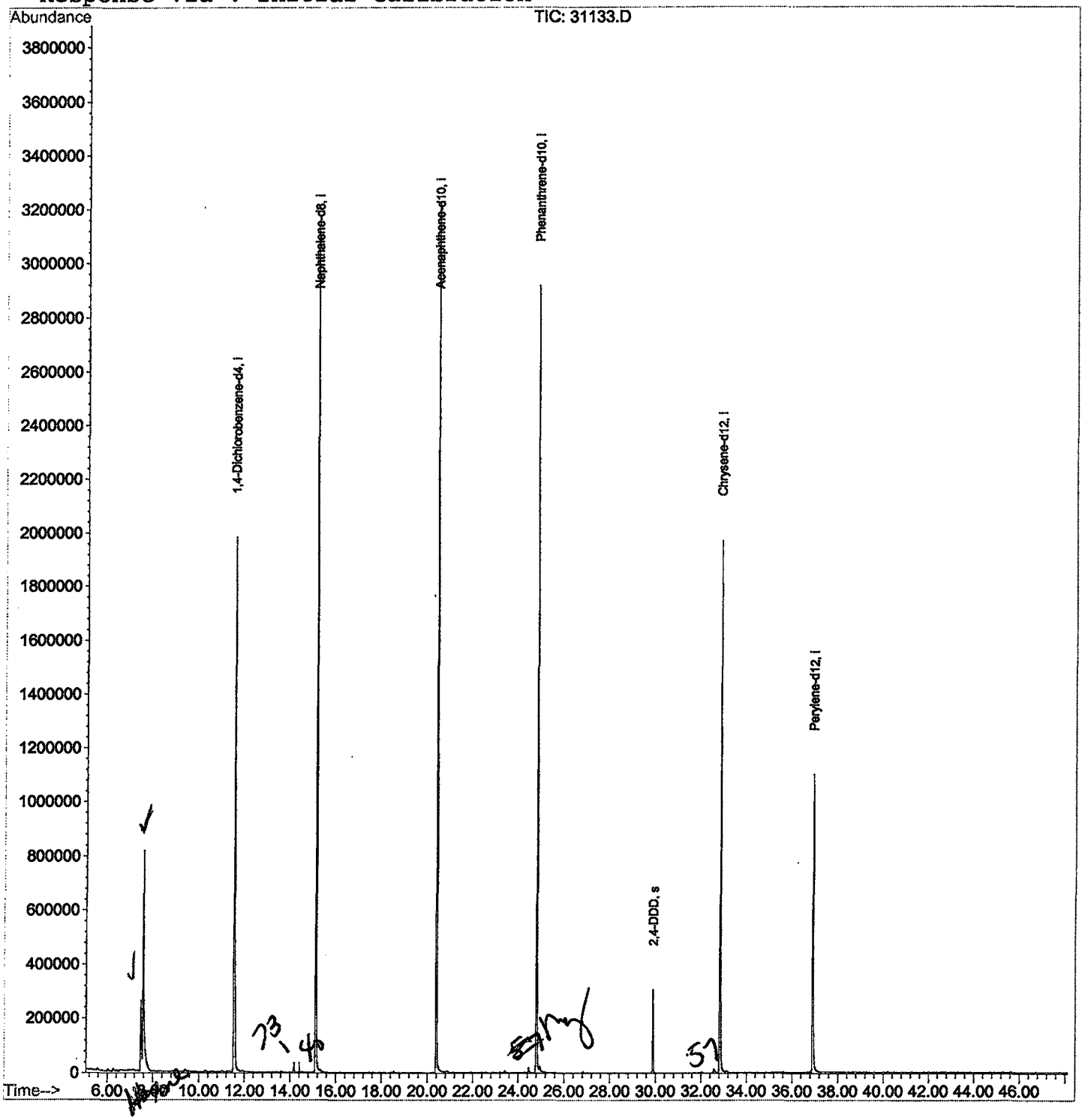
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.87	178	1662	N.D.	
34)	Anthracene	24.87	178	1662	N.D.	
35)	Di-n-butylphthalate	26.83	149	6480	N.D.	
36)	Fluoranthene	28.50	202	266	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.84	228	5940	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.14	149	3271	N.D.	
43)	Chrysene	32.84	228	5940	N.D.	
45)	Di-n-Octylphthalate	34.87	149	341	N.D.	
46)	Benzo(b)fluoranthene	35.96	252	1384	N.D.	
47)	Benzo(k)fluoranthene	35.96	252	1384	N.D.	
48)	Benzo(a)pyrene	36.76	252	278	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31133.D Vial: 23
Acq On : 10 Jan 2002 12:34 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 8:39 2002 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\JAN0902\31133.D Vial: 23
Acq On : 10 Jan 2002 12:34 pm Operator: 209 GALOS
Sample : gcms scan 12/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

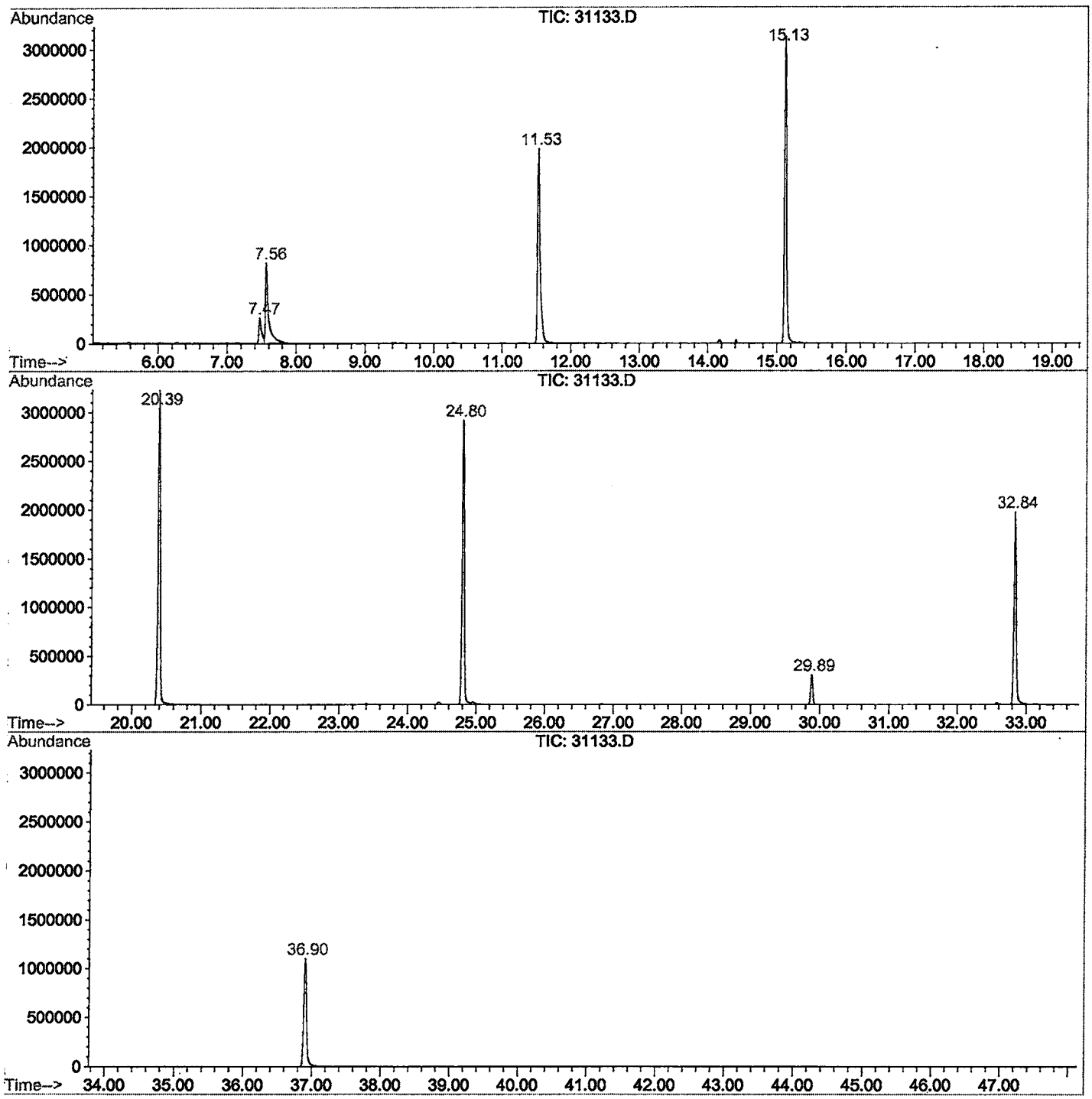
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.471	260	264	271	rBV	258085	681051	9.86%	1.856%
2	7.563	271	274	306	rVB	812579	2432592	35.22%	6.630%
3	11.529	701	706	725	rBV	1981404	5199250	75.28%	14.170%
4	15.127	1092	1098	1116	rBV	3122997	6683833	96.78%	18.216%
5	20.388	1665	1671	1689	rBV	3229137	6906292	100.00%	18.823%
6	24.803	2146	2152	2165	rBV2	2917050	6555028	94.91%	17.865%
7	29.889	2700	2706	2713	rBV	306168	630237	9.13%	1.718%
8	32.836	3021	3027	3051	rBV2	1971550	4530395	65.60%	12.347%
9	36.903	3463	3470	3489	rBV	1098660	3072452	44.49%	8.374%

Sum of corrected areas: 36691130

31133.D GCMS0103.M Wed Feb 06 09:23:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31133.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 12:34 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/21
Misc Info :
Vial Number: 23
Quant File :GCMS0103.RES (RTE Integrator)



31133.D GCMS0103.M Wed Feb 06 09:23:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31133.D
Acq On : 10 Jan 2002 12:34 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

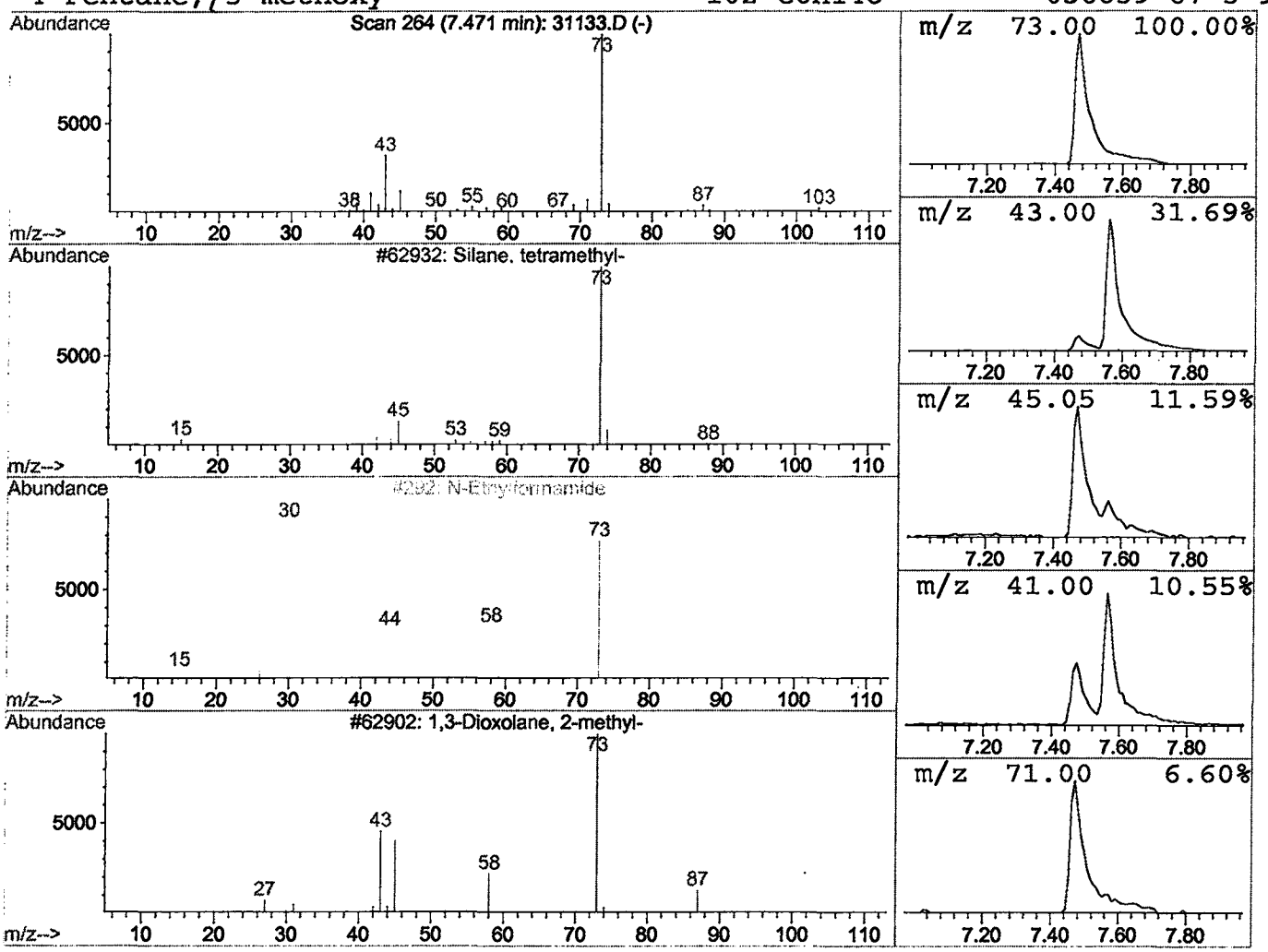
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	2.62 ug/l	681051	1,4-Dichlorobenzene-d4	11.53

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31133.D
Acq On : 10 Jan 2002 12:34 pm
Sample : gcms scan 12/21
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

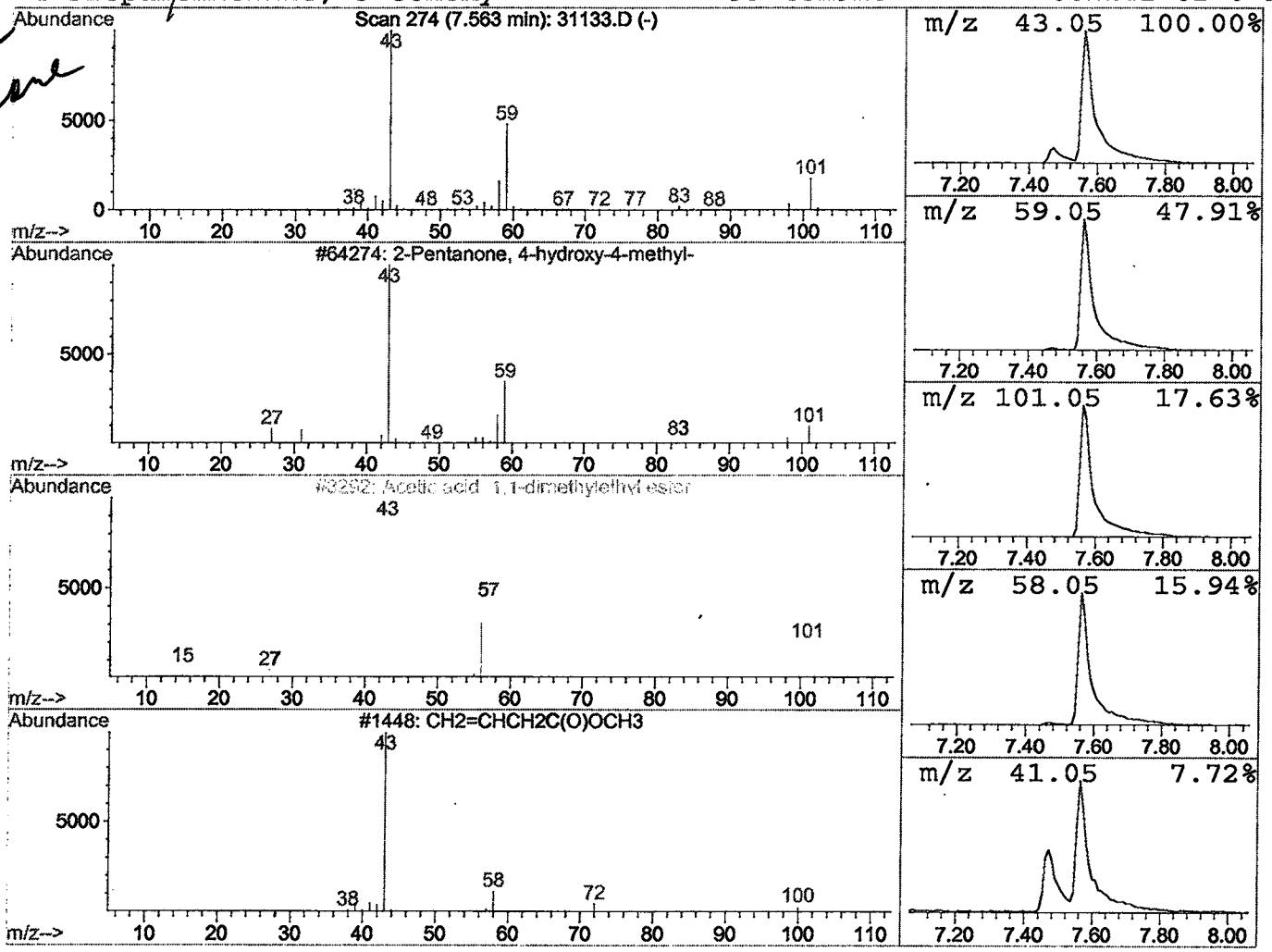
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	9.36 ug/l	2432590	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 12:34 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31133.D
Name: gcms scan 12/21
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-	7.47	2.6	ug/l	681051	ISTD01	11.53	5199250	20.0
2-Pentanone, 4-hydro	7.56	9.4	ug/l	2432590	ISTD01	11.53	5199250	20.0

31133.D GCMS0103.M Wed Feb 06 09:23:41 2002

from hexane