

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 12:12:38

Sample: AE09567
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 12:12 Ended: 5/6/02 12:12 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09567 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-06-2002 Time: 12:13:04

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9567.D
 Acq On : 1 May 2002 12:40 pm
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 2 5:28 2002

Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed May 01 10:40:31 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	359946	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1334233	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	712258	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	1013120	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	701311	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	449388	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.28	209	31297	9.03	ug/L	-0.02
Spiked Amount	10.000		Recovery	=	90.30%	

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	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	22.62	149	1123	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	0.00	178	0	N.D.	

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9567.D
 Acq On : 1 May 2002 12:40 pm
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 2 5:28 2002

Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed May 01 10:40:31 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0501

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.58	178	200	N.D.	
36) Di-n-butylphthalate	27.55	149	12262	0.37 ug/l #	96
37) 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	33.64	228	1617	N.D.	
42) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D. d	
43) Chrysene	33.64	228	1618	N.D.	
45) Di-n-Octylphthalate	35.60	149	176	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	37.87	252	1822	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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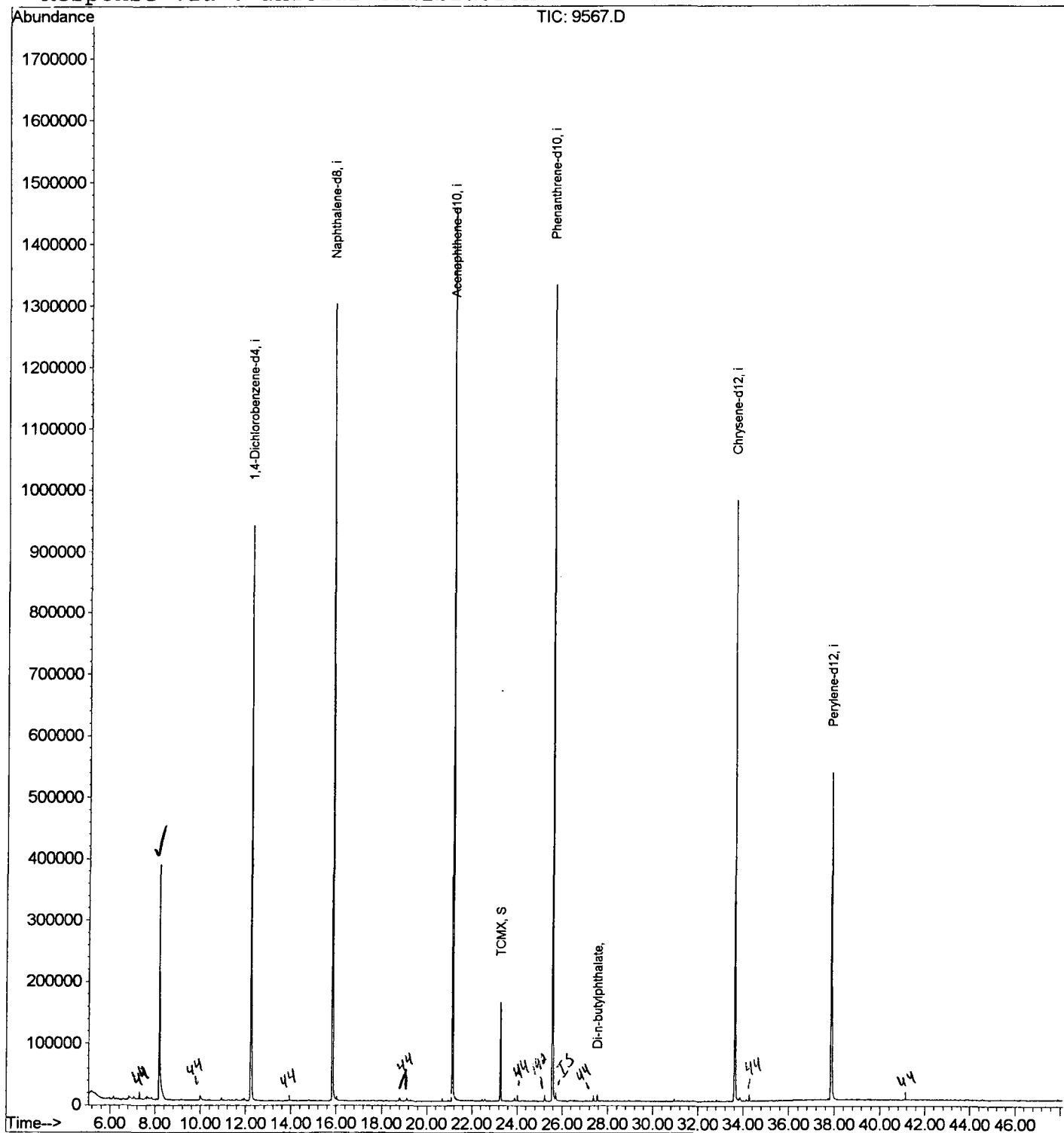
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9567.D
Acq On : 1 May 2002 12:40 pm
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 2 5:28 2002

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9567.D
Acq On : 1 May 2002 12:40 pm
Sample : gc/ms scan 4/23
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0501.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

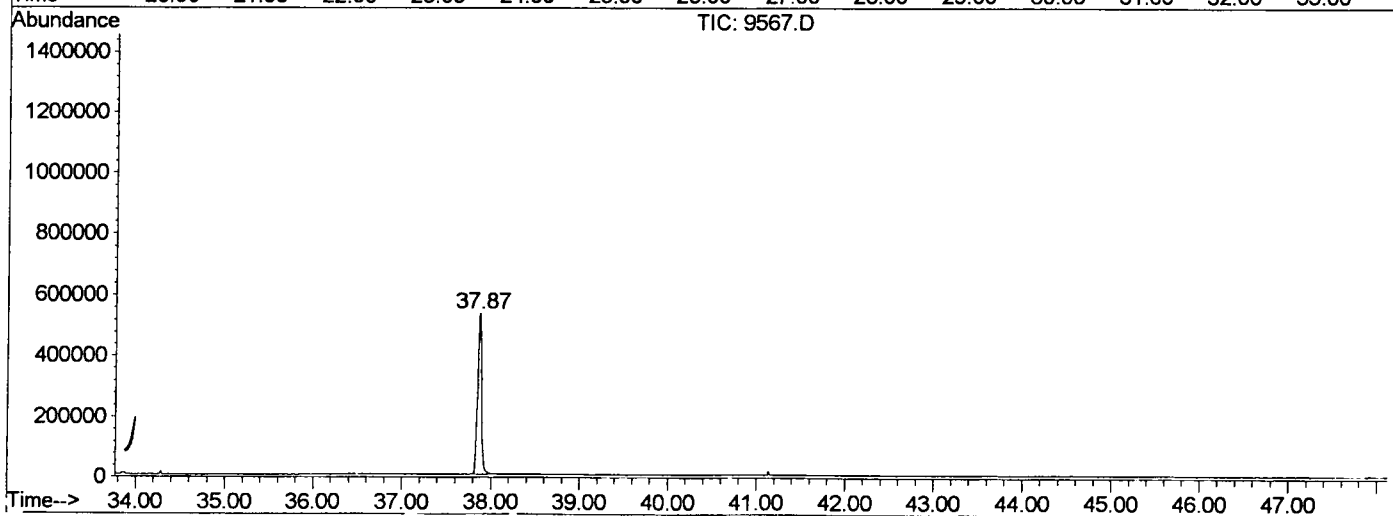
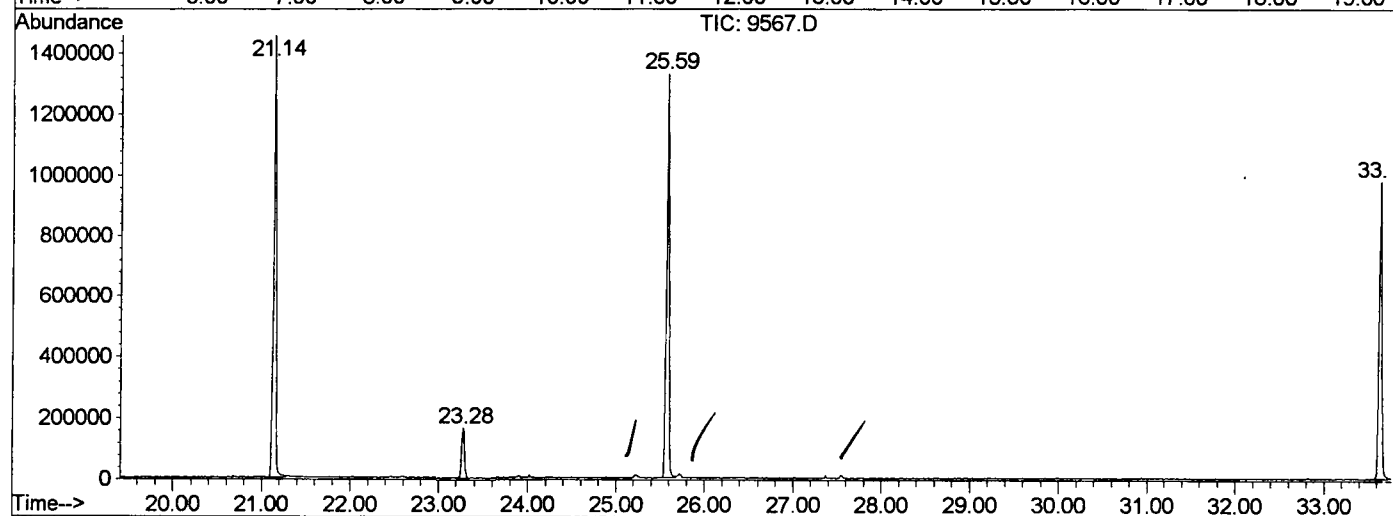
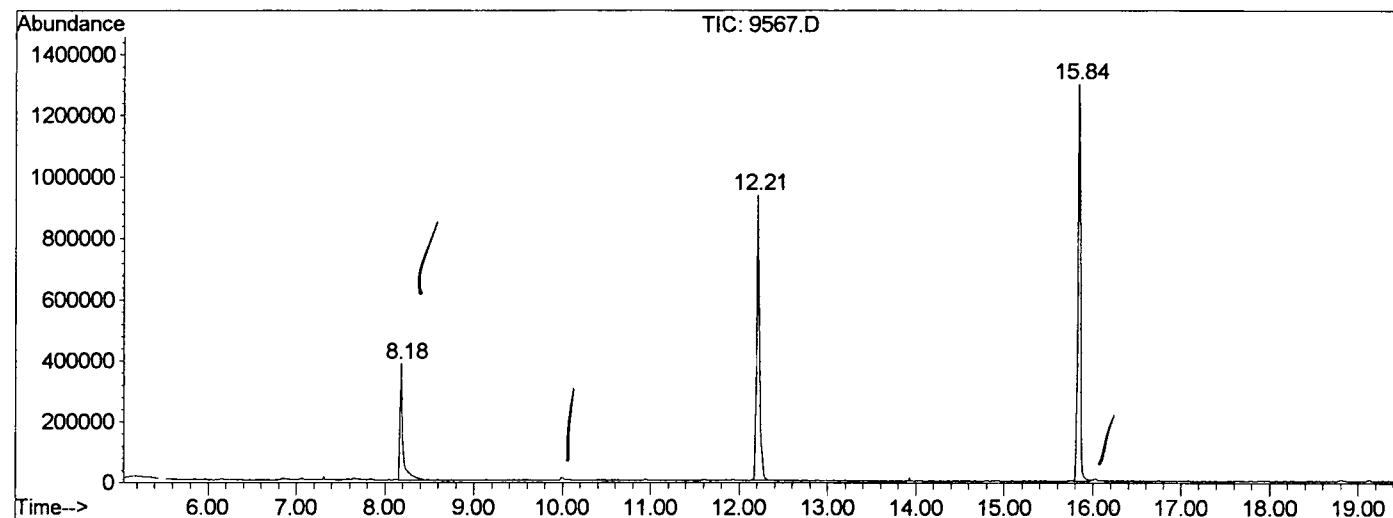
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.184	339	343	374	rBV	383010	908546	30.43%	5.812%
2	12.206	777	782	797	rVB	934595	2142463	71.76%	13.706%
3	15.835	1172	1178	1193	rBV	1296359	2748138	92.04%	17.581%
4	21.141	1751	1757	1771	rBV	1453184	2985730	100.00%	19.101%
5	23.276	1982	1990	1997	rBV	161208	325888	10.91%	2.085%
6	25.585	2235	2242	2252	rBV2	1326513	2785587	93.30%	17.821%
7	33.640	3114	3121	3134	rBV2	977024	2135600	71.53%	13.662%
8	37.874	3574	3583	3597	rBV2	531240	1599235	53.56%	10.231%

Sum of corrected areas: 15631187

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9567.D
 Operator :
 Acquired : 1 May 2002 12:40 pm using AcqMethod GCMS0501
 Instrument : 209
 Sample Name: gc/ms scan 4/23
 Misc Info :
 Vial Number: 6
 Quant File :GCMS0501.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9567.D
 Acq On : 1 May 2002 12:40 pm
 Sample : gc/ms scan 4/23
 Misc :
 MS Integration Params: LSCINT.P

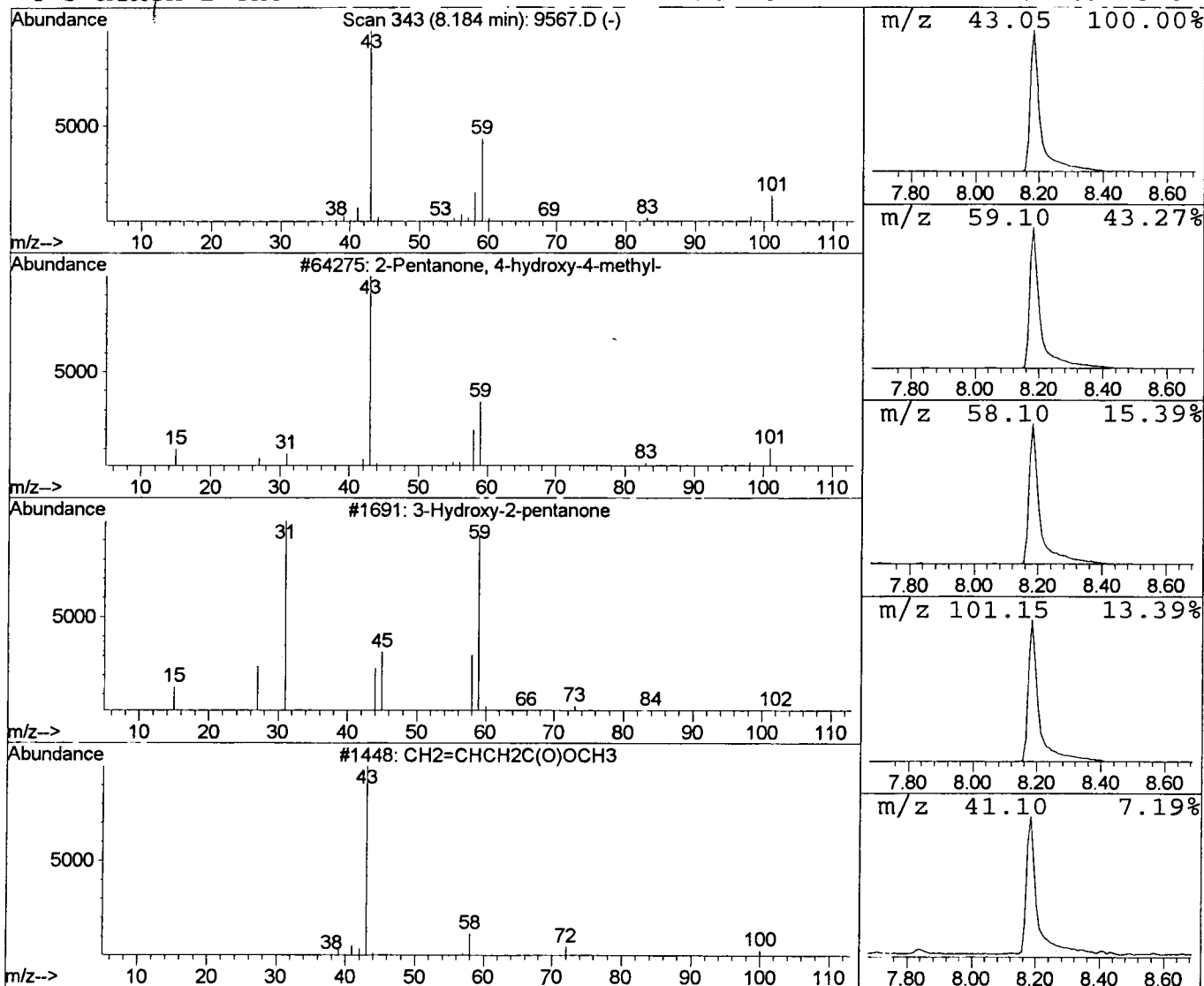
Vial: 6
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	16.96 ug/l	908546	1,4-Dichlorobenzene-d4	12.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	8
4			5-Hexen-2-one	98	C6H10O	000109-49-9	5



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 12:40 pm
 Data File: C:\HPCHEM\1\DATA\MAY0102\9567.D
 Name: gc/ms scan 4/23
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0501.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
2-Pentanone, 4-hydro	8.18	17.0	ug/l	908546	ISTD01	12.21	2142460	40.0

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