

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/15/2002 Time: 14:25:41

Sample: AE09765
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/15/02 14:24 Ended: 5/15/02 14:24 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		10.0

Comments for Sample AE09765 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-15-2002 Time: 14:25:46

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\MAY1002\9765.D
 Acq On : 10 May 2002 9:50 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 13 10:41 2002

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon May 13 08:58:06 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	589908	40.00	ug/l	-0.03
10) Naphthalene-d8	15.80	136	2121702	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.10	164	1156911	40.00	ug/l	-0.03
30) Phenanthrene-d10	25.55	188	1588582	40.00	ug/l	-0.03
38) Chrysene-d12	33.61	240	1037584	40.00	ug/l	-0.03
44) Perylene-d12	37.84	264	689336	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.25	209	193924	33.70	ug/L	-0.02
Spiked Amount	40.000		Recovery	=	84.25%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
9) Hexachloroethane	0.00	117	0	N.D.	
11) Nitrobenzene	13.39	77	1221	N.D.	
12) Isophorone	14.51	82	314	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	15.85	128	505	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	21.33	165	274	N.D.	
25) Diethylphthalate	22.59	149	1595	N.D.	
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.25	168	385	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.61	178	100	N.D.	

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1002\9765.D

Vial: 10

Acq On : 10 May 2002 9:50 pm

Operator:

Sample : GC/MS SCAN 5/9

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 13 10:41 2002

Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon May 13 08:58:06 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0510

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.55	178	455	N.D.	
36) Di-n-butylphthalate	27.52	149	6600	N.D.	
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	33.61	228	2194	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.83	149	37077	1.57 ug/l	100
43) Chrysene	33.61	228	2194	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	37.84	252	2725	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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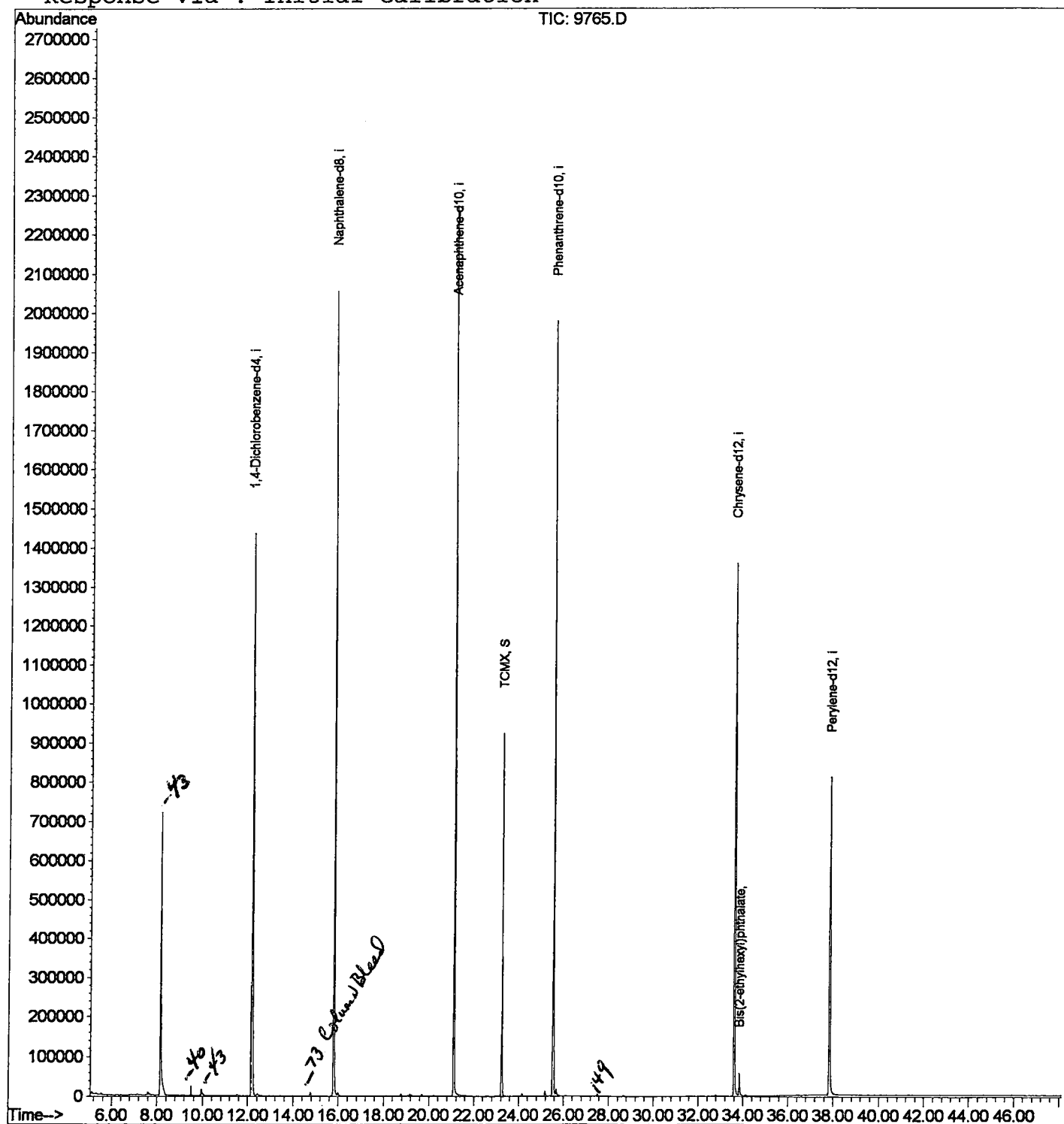
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9765.D
Acq On : 10 May 2002 9:50 pm
Sample : GC/MS SCAN 5/9
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 13 10:41 2002

Vial: 10
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 13 08:58:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1002\9765.D
 Acq On : 10 May 2002 9:50 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

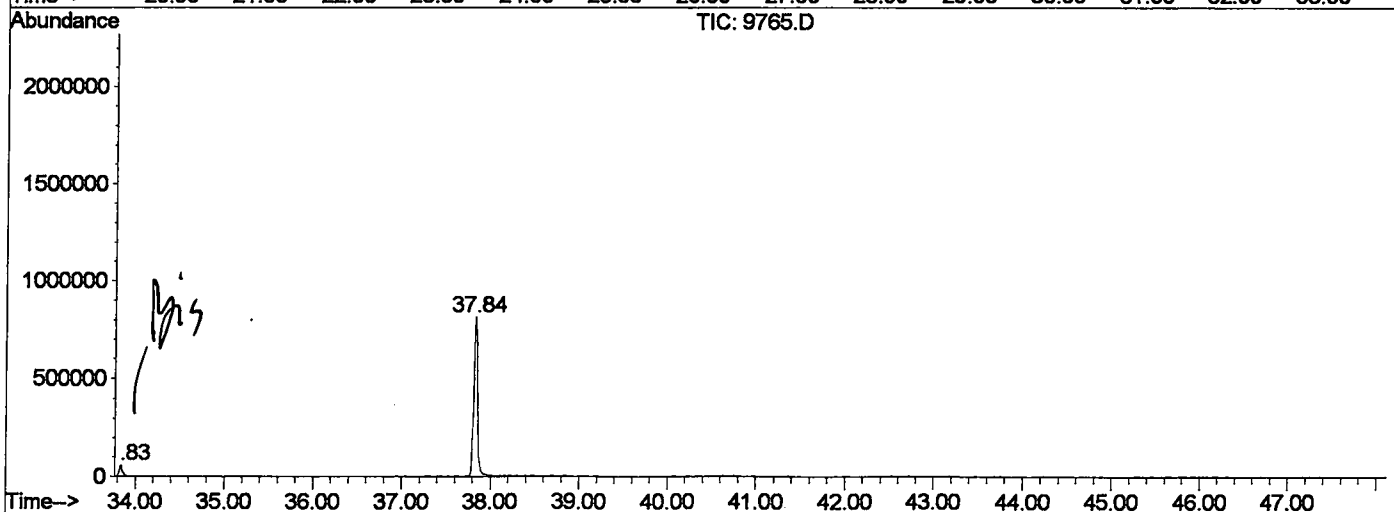
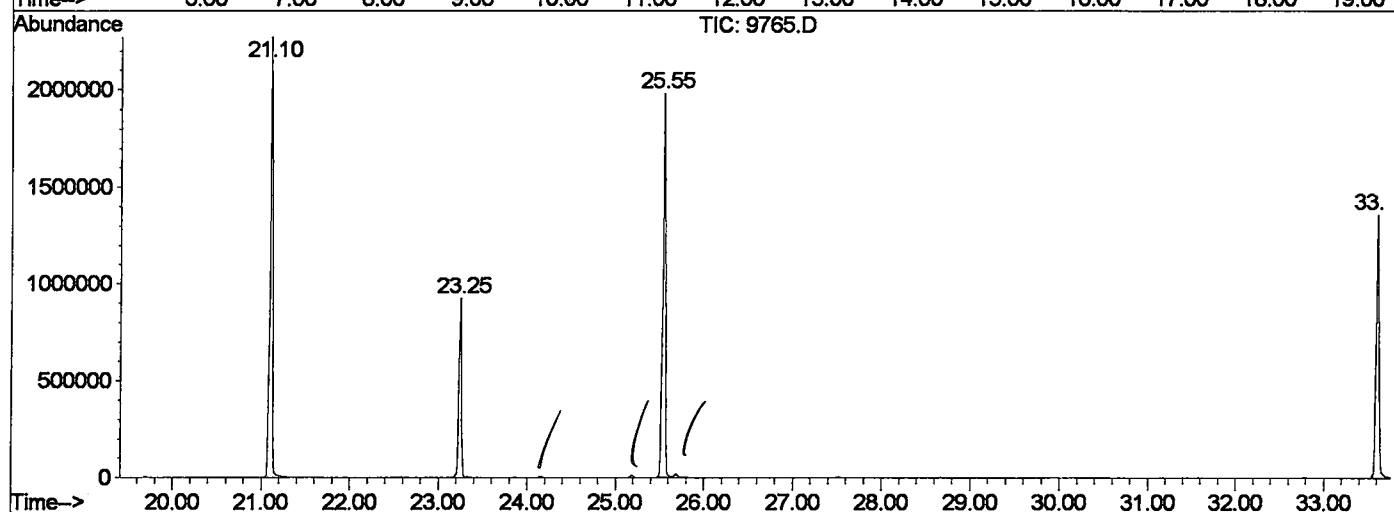
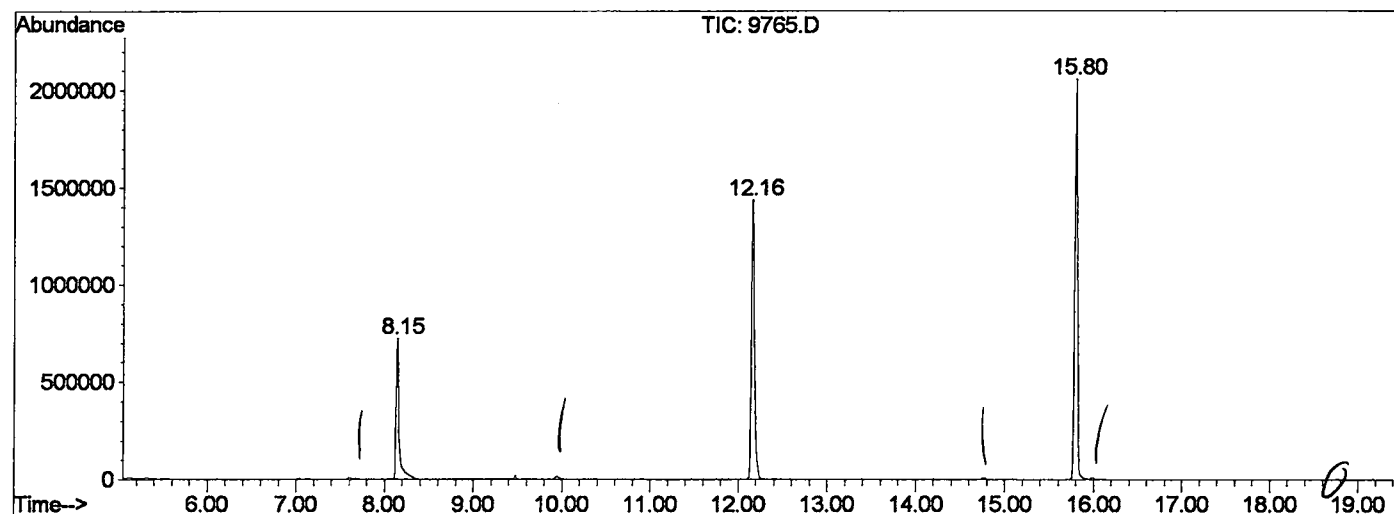
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.147	335	339	365	rVB	719432	1673813	35.95%	6.548%
2	12.161	772	777	788	rBV	1435054	3326525	71.44%	13.014%
3	15.799	1168	1174	1190	rBV	2055613	4168122	89.51%	16.306%
4	21.105	1746	1753	1770	rBV	2271775	4656452	100.00%	18.217%
5	23.249	1978	1987	1996	rBV	924910	1863351	40.02%	7.290%
6	25.549	2231	2238	2248	rBV2	1977186	4229171	90.82%	16.545%
7	33.613	3110	3118	3135	rBV	1360934	3084103	66.23%	12.066%
8	33.833	3137	3142	3155	rVB	56453	139425	2.99%	0.545%
9	37.837	3570	3579	3599	rBV2	809278	2420225	51.98%	9.468%

Sum of corrected areas: 25561187

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1002\9765.D
 Operator :
 Acquired : 10 May 2002 9:50 pm using AcqMethod GCMS0510
 Instrument : 209
 Sample Name: GC/MS SCAN 5/9
 Misc Info :
 Vial Number: 10
 Quant File :GCMS0510.RES (RTE Integrator)



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Library Search Compound Report

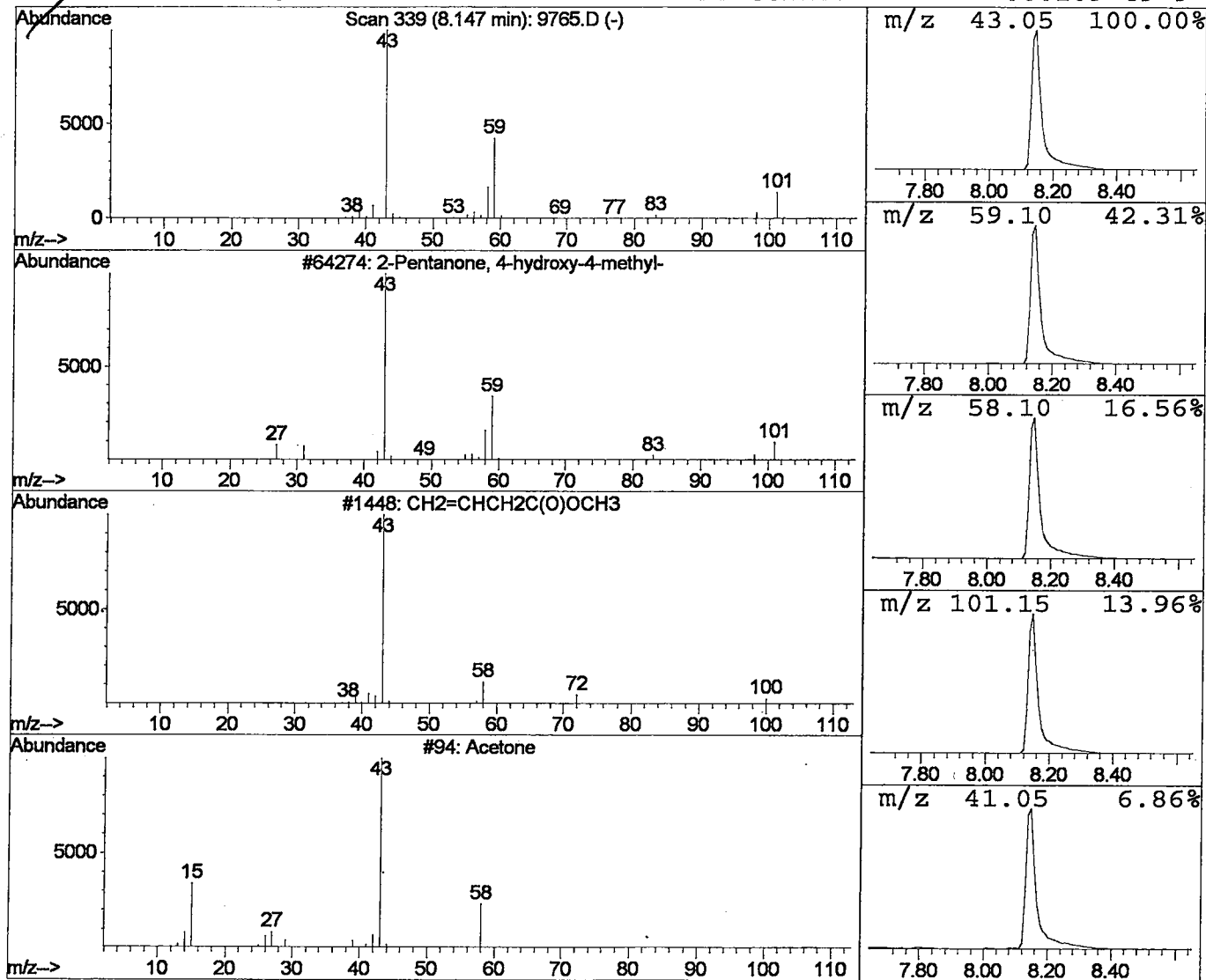
Data File : C:\HPCHEM\1\DATA\MAY1002\9765.D
 Acq On : 10 May 2002 9:50 pm
 Sample : GC/MS SCAN 5/9
 Misc :
 MS Integration Params: LSCINT.P

Vial: 10
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.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.		
8.15	20.13 ug/l	1673810	1,4-Dichlorobenzene-d4	12.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3		Acetone	58	C3H6O	000067-64-1	7
4		5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 10 May 2002 9:50 pm
 Data File: C:\HPCHEM\1\DATA\MAY1002\9765.D
 Name: GC/MS SCAN 5/9
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0510.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	8.15	20.1	ug/l	1673810	ISTD01	12.16	3326530	40.0

9765.D GCMS0510.M Mon May 13 10:57:28 2002