

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/25/2002 Time: 16:01:07

Sample: AE00164
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/25/02 16:00 Ended: 2/25/02 16:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE00164 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-25-2002 Time: 16:01:51

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 11 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1402\164.D
 Acq On : 15 Feb 2002 12:12 pm
 Sample : GC/MS SCAN 2/11
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 15 13:57 2002

Vial: 35
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Feb 13 11:43:23 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	367161	20.00	ug/l	-0.01
10) Naphthalene-d8	15.99	136	1427275	20.00	ug/l	-0.01
17) Acenaphthene-d10	21.30	164	780975	20.00	ug/l	-0.01
29) Phenanthrene-d10	25.75	188	1170148	20.00	ug/l	-0.01
38) Chrysene-d12	33.82	240	841679	20.00	ug/l	-0.02
44) Perylene-d12	38.11	264	546431	20.00	ug/l	-0.01

System Monitoring Compounds

37) 2,4-DDD	30.83	235	53188	4.53	ug/mL	0.33
Spiked Amount	5.000		Recovery	=	90.60%	

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	16.04	128	507	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	0.00	165	0	N.D.	
25) Diethylphthalate	22.78	149	219	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

164.D GCMS0208.M Fri Feb 15 13:58:29 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB1402\164.D

Vial: 35

Acq On : 15 Feb 2002 12:12 pm

Operator: 209 GALOS

Sample : GC/MS SCAN 2/11

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 15 13:57 2002

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Feb 13 11:43:23 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0208

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	25.75	178	403	N.D.		
34) Anthracene	25.75	178	403	N.D.		
35) Di-n-butylphthalate	27.72	149	10882	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	33.82	228	2315	N.D.		
42) Bis(2-ethylhexyl)phthalate	34.03	149	2153	N.D.		
43) Chrysene	33.82	228	2315	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	38.11	252	2175	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

164.D GCMS0208.M

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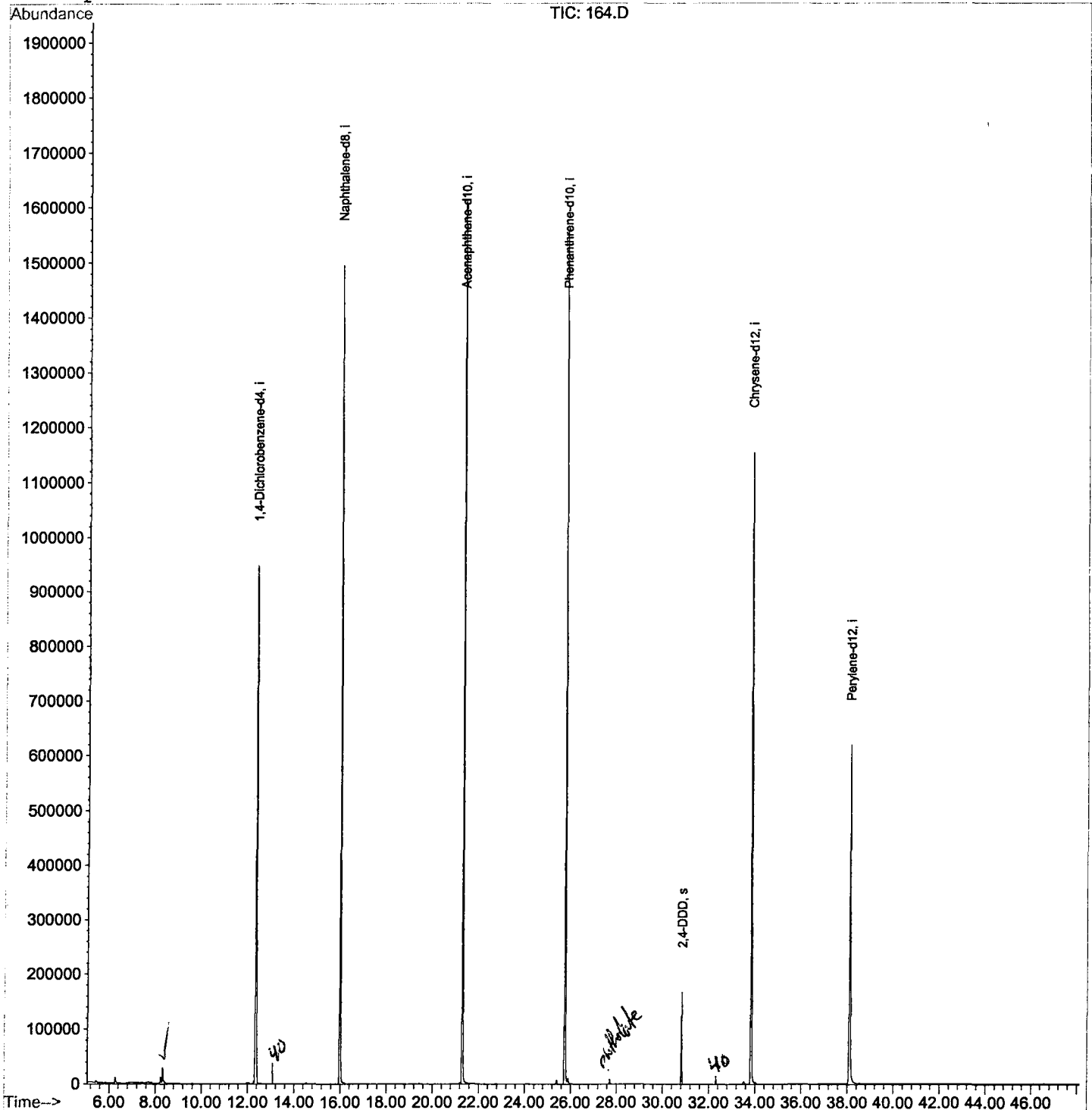
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB1402\164.D
 Acq On : 15 Feb 2002 12:12 pm
 Sample : GC/MS SCAN 2/11
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 15 13:57 2002

Vial: 35
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Wed Feb 13 11:43:23 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB1402\164.D
 Acq On : 15 Feb 2002 12:12 pm
 Sample : GC/MS SCAN 2/11
 Misc :
 MS Integration Params: LSCINT.P

Vial: 35
 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 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

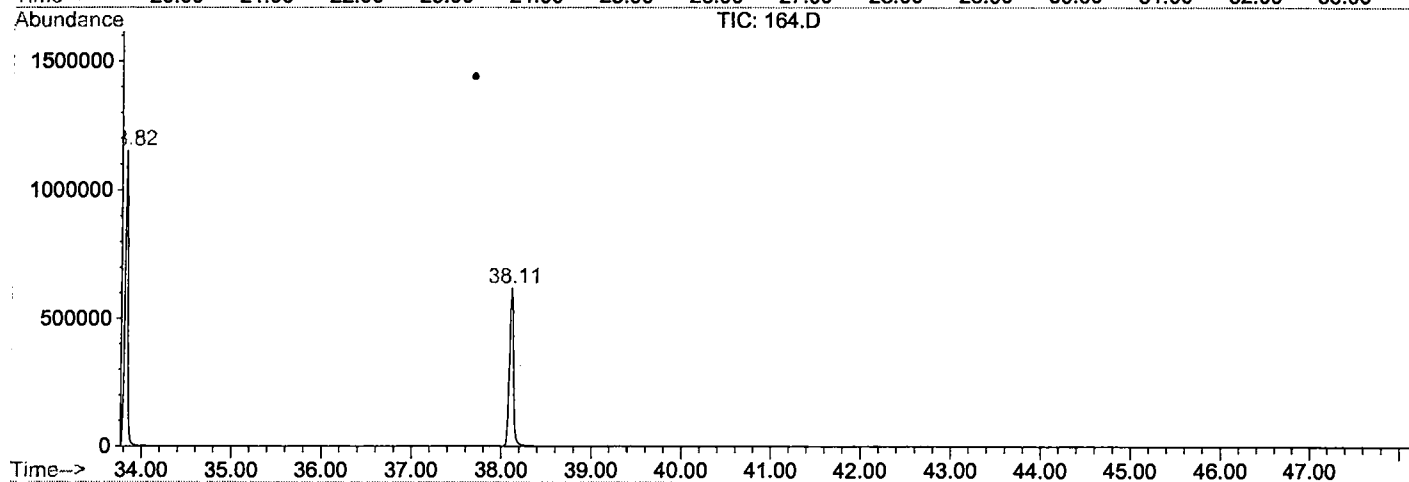
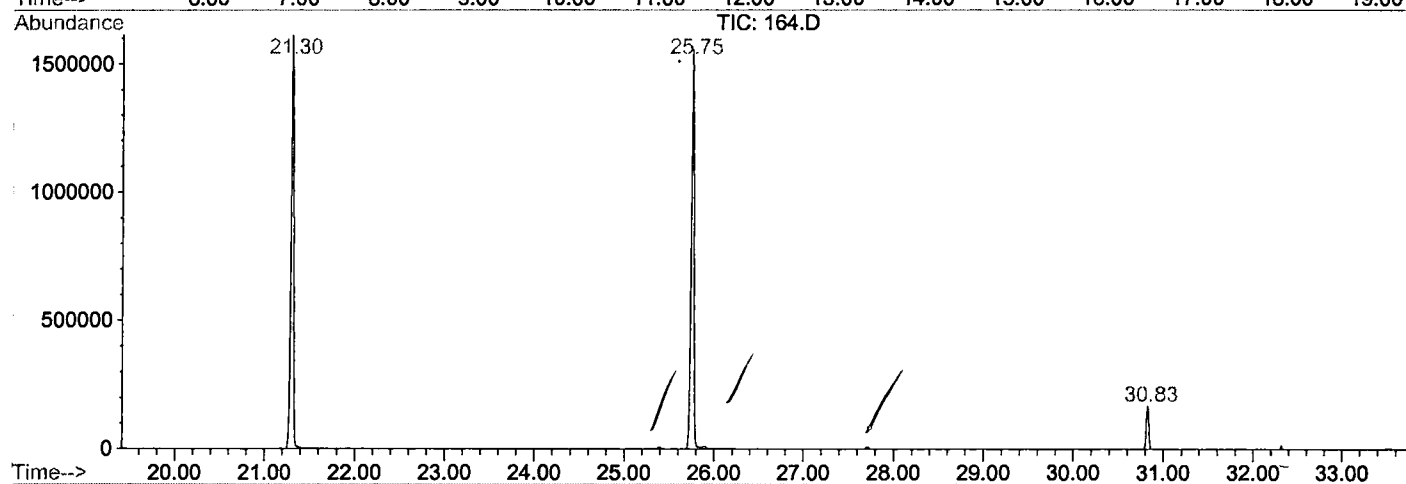
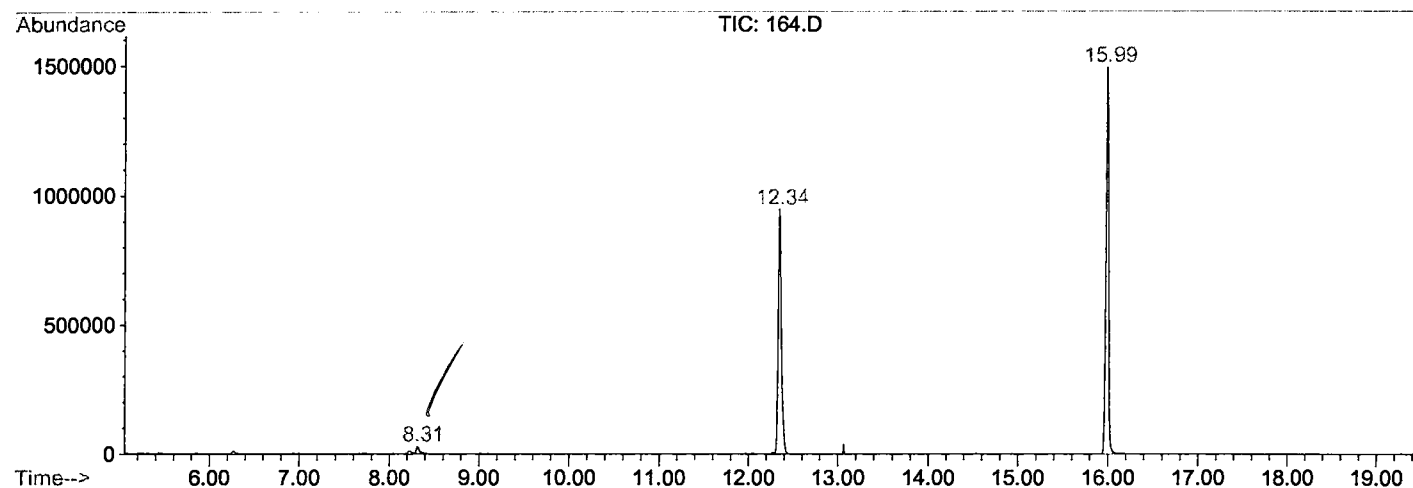
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.311	352	356	368	rVB	27102	67986	2.09%	0.407%
2	12.341	790	795	807	rVB	946992	2366635	72.77%	14.175%
3	15.986	1186	1192	1210	rBV	1494287	2983271	91.73%	17.869%
4	21.301	1765	1771	1783	rBV	1613569	3252362	100.00%	19.481%
5	25.754	2249	2256	2267	rBV2	1557004	3239811	99.61%	19.405%
6	30.830	2804	2809	2815	rVB	167753	326922	10.05%	1.958%
7	33.823	3128	3135	3153	rBV2	1153493	2572764	79.10%	15.410%
8	38.110	3593	3602	3627	rBV2	618283	1885589	57.98%	11.294%

Sum of corrected areas: 16695340

164.D GCMS0208.M Fri Feb 15 14:01:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB1402\164.D
 Operator : 209 GALOS
 Acquired : 15 Feb 2002 12:12 pm using AcqMethod GCMS0208
 Instrument : GC/MS 209
 Sample Name: GC/MS SCAN 2/11
 Misc Info :
 Vial Number: 35
 Quant File :GCMS0208.RES (RTE Integrator)



164.D GCMS0208.M

Fri Feb 15 14:01:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB1402\164.D
Acq On : 15 Feb 2002 12:12 pm
Sample : GC/MS SCAN 2/11
Misc :
MS Integration Params: LSCINT.P

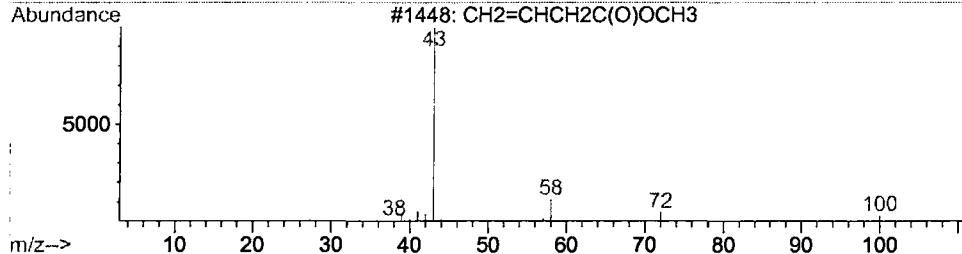
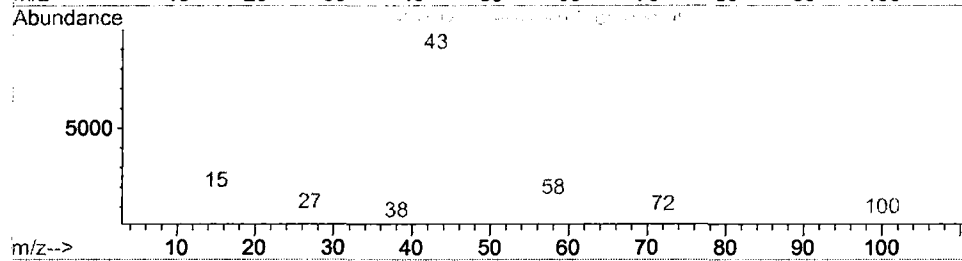
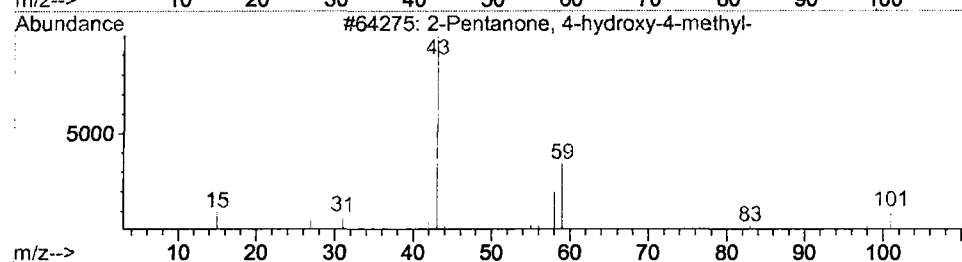
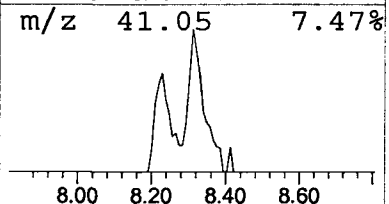
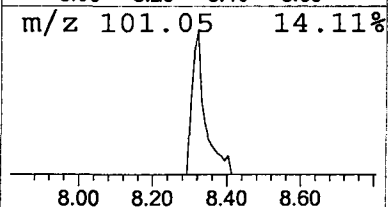
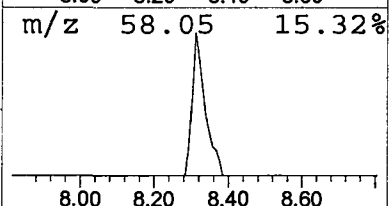
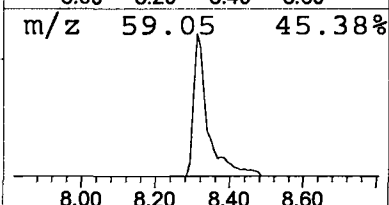
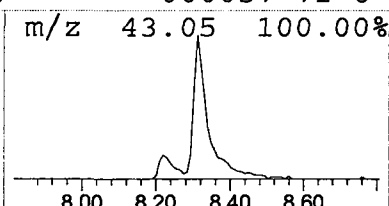
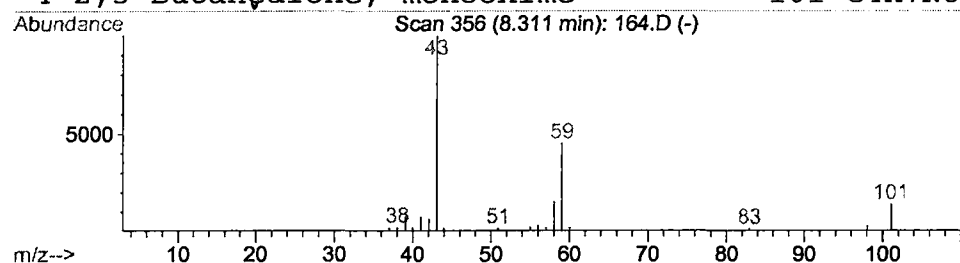
Vial: 35
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	0.57 ug/l	67986	1,4-Dichlorobenzene-d4	12.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Feb 2002 12:12 pm
 Data File: C:\HPCHEM\1\DATA\FEB1402\164.D
 Name: GC/MS SCAN 2/11
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0208.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	8.31	0.6	ug/l	67986	ISTD01	12.34	2366640	20.0
164.D GCMS0208.M	Fri Feb 15 14:01:51	2002						