User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:40:17

Sample: AE09521
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:39 Ended: 5/6/02 10:39 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		10.0

Comments for Sample AE09521 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 10:40:53

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\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 10:00 2002 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	12.20	152	445902	40.00	ug/l	-0.02
10) Naphthalene-d8	15.84	136	1642443	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	878358	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	1212445	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	757847	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	477972	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	42022	9.83	ug/L	-0.02
Spiked Amount 10.000			Recovery = 98.30%			
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	13.42	77	953	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	15.88	128	297	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	1736	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 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	25.59	178	142	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 10:00 2002 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

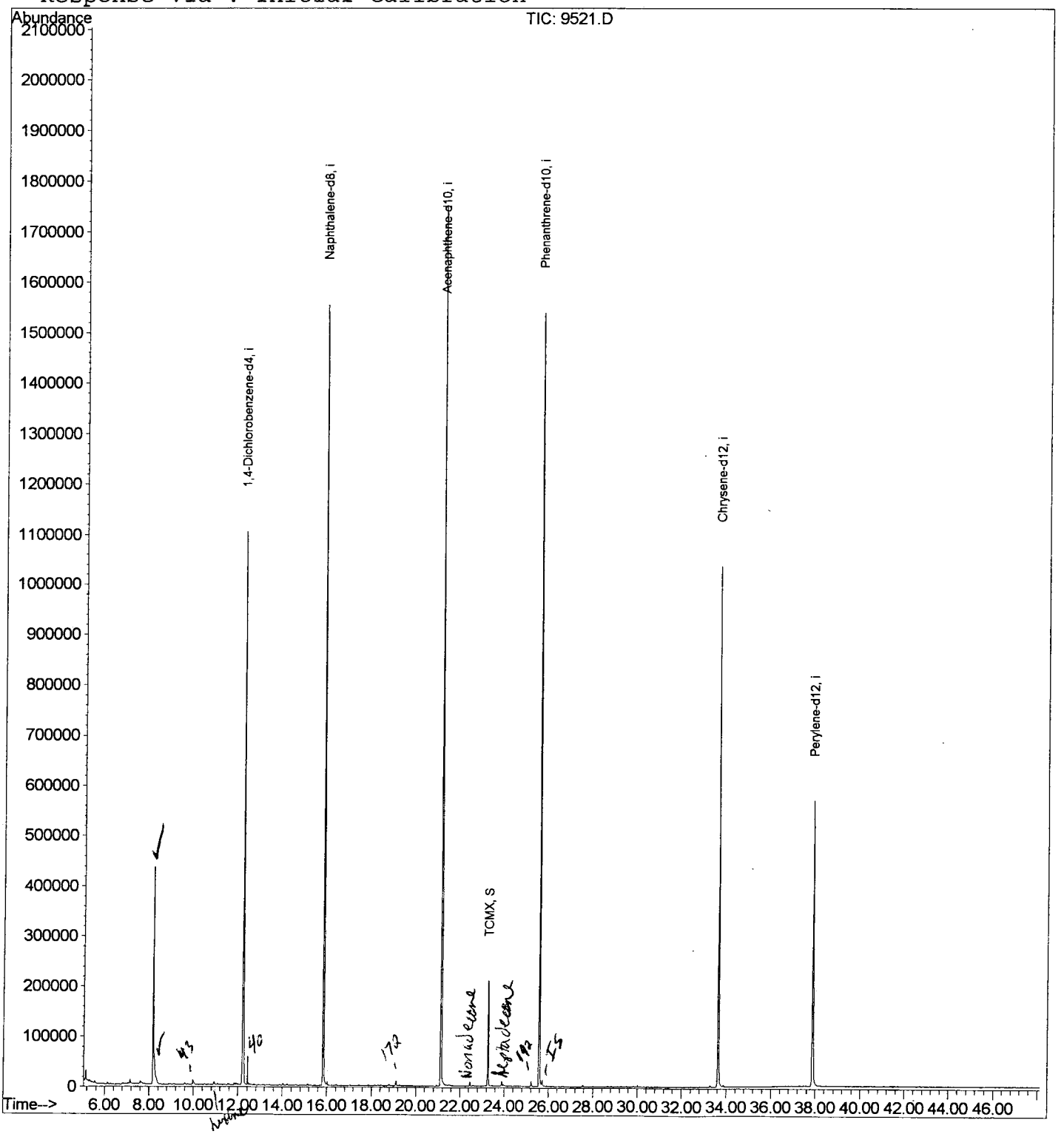
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.56	149	3824	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1832	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2183	N.D.	
43)	Chrysene	33.72	228	286	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	37.88	252	1939	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
9521.D GCMS0501.M Fri May 03 10:00:49 2002 Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 10:00 2002 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\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

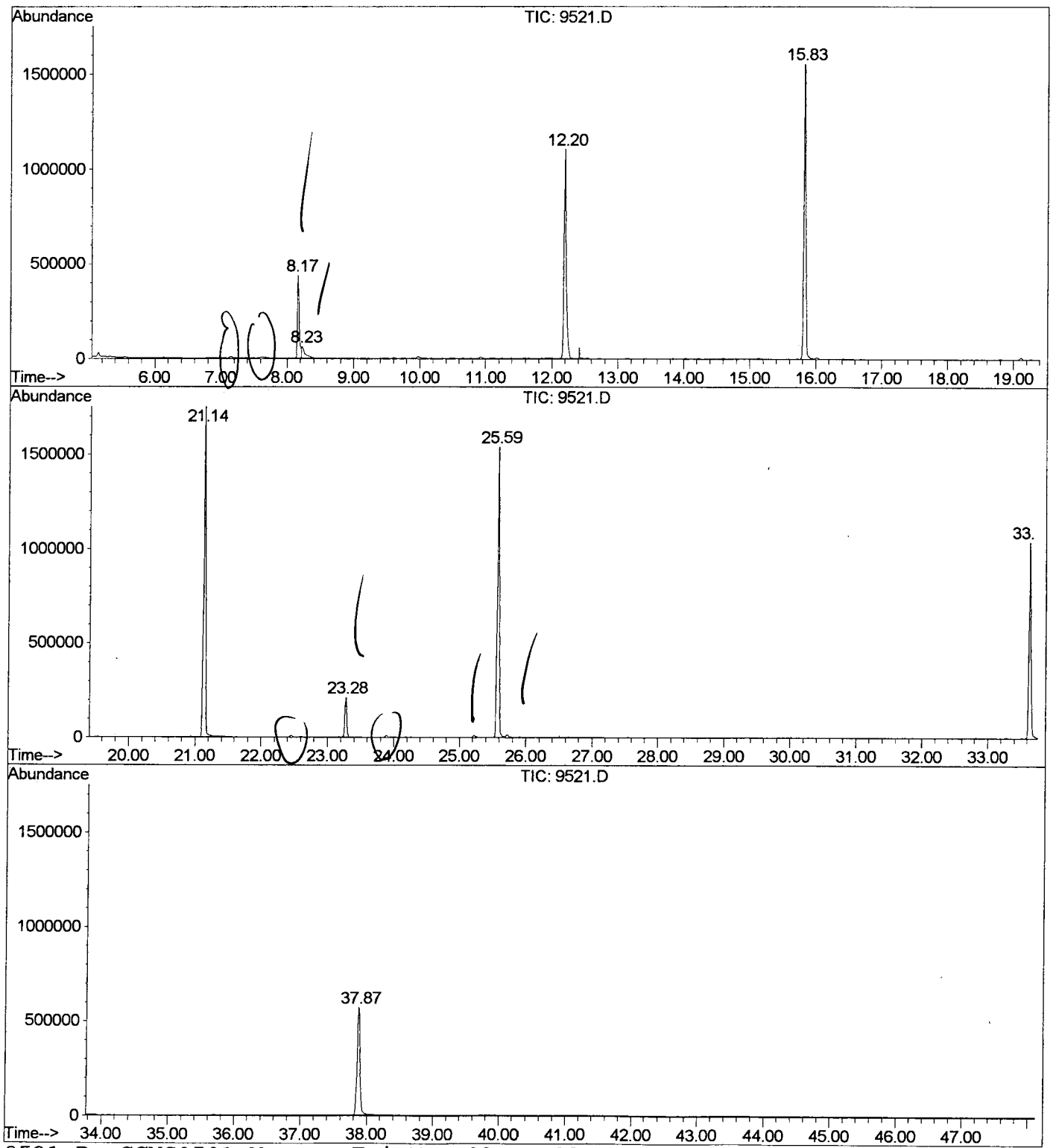
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.165	337	341	346	rBV	433252	856532	23.83%	4.699%
2	8.230	346	348	373	rVB	60567	228119	6.35%	1.251%
3	12.197	775	781	798	rVB	1101606	2588081	72.00%	14.198%
4	15.826	1171	1177	1194	rBV	1552309	3296185	91.70%	18.082%
5	21.141	1750	1757	1772	rBV	1749766	3594344	100.00%	19.718%
6	23.276	1981	1990	1998	rBV	209829	415628	11.56%	2.280%
7	25.585	2235	2242	2253	rBV2	1537098	3286676	91.44%	18.030%
8	33.640	3114	3121	3136	rBV2	1036234	2272988	63.24%	12.469%
9	37.874	3574	3583	3605	rBV2	567881	1690247	47.03%	9.272%

Sum of corrected areas: 18228800

9521.D GCMS0501.M Fri May 03 12:23:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9521.D
Operator :
Acquired : 3 May 2002 8:38 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 19
Quant File :GCMS0501.RES (RTE Integrator)



9521.D GCMS0501.M Fri May 03 12:23:50 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

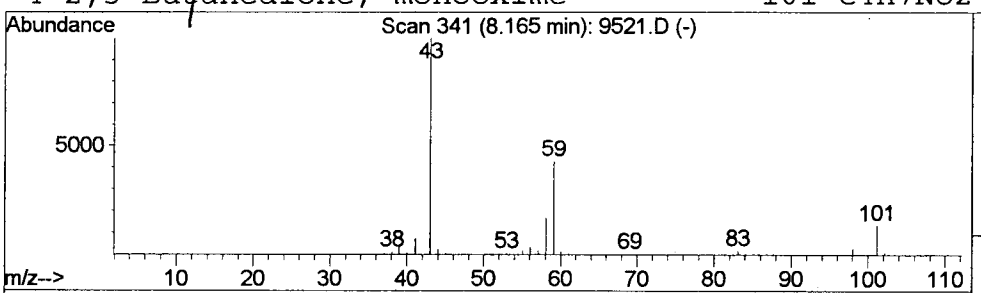
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

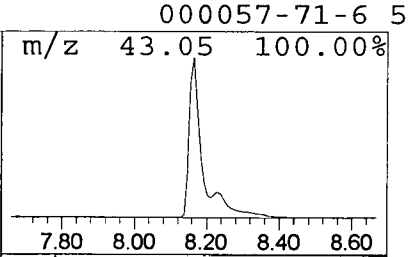
****

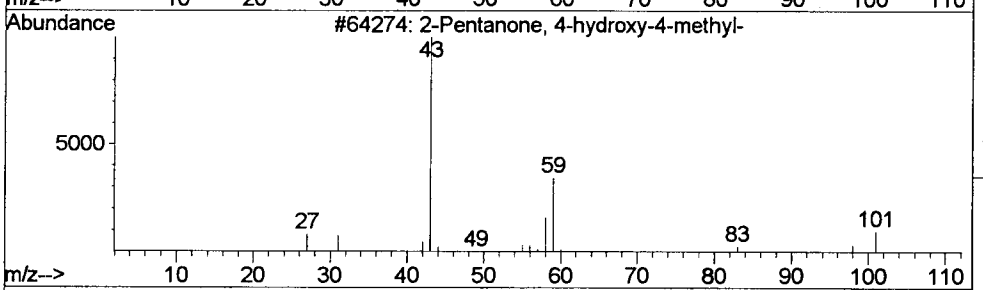
Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

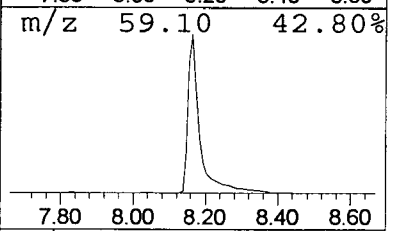
R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	13.24 ug/l	856532	1,4-Dichlorobenzene-d4	12.20

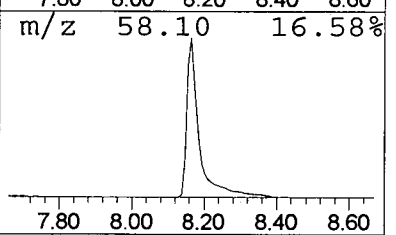
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	5

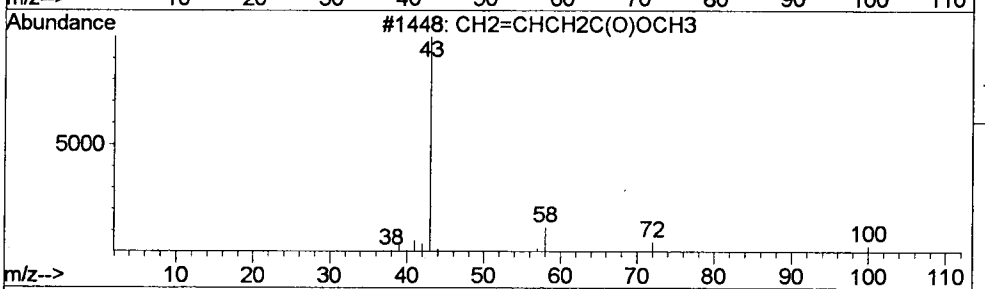


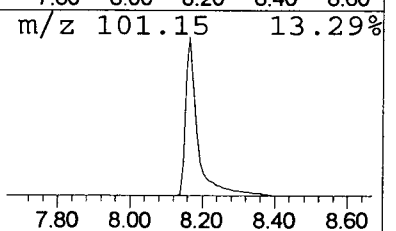


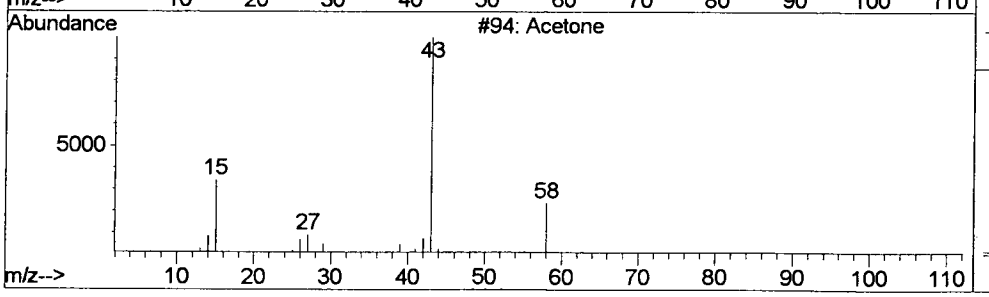


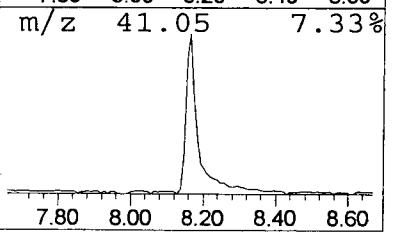












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9521.D Vial: 19
Acq On : 3 May 2002 8:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

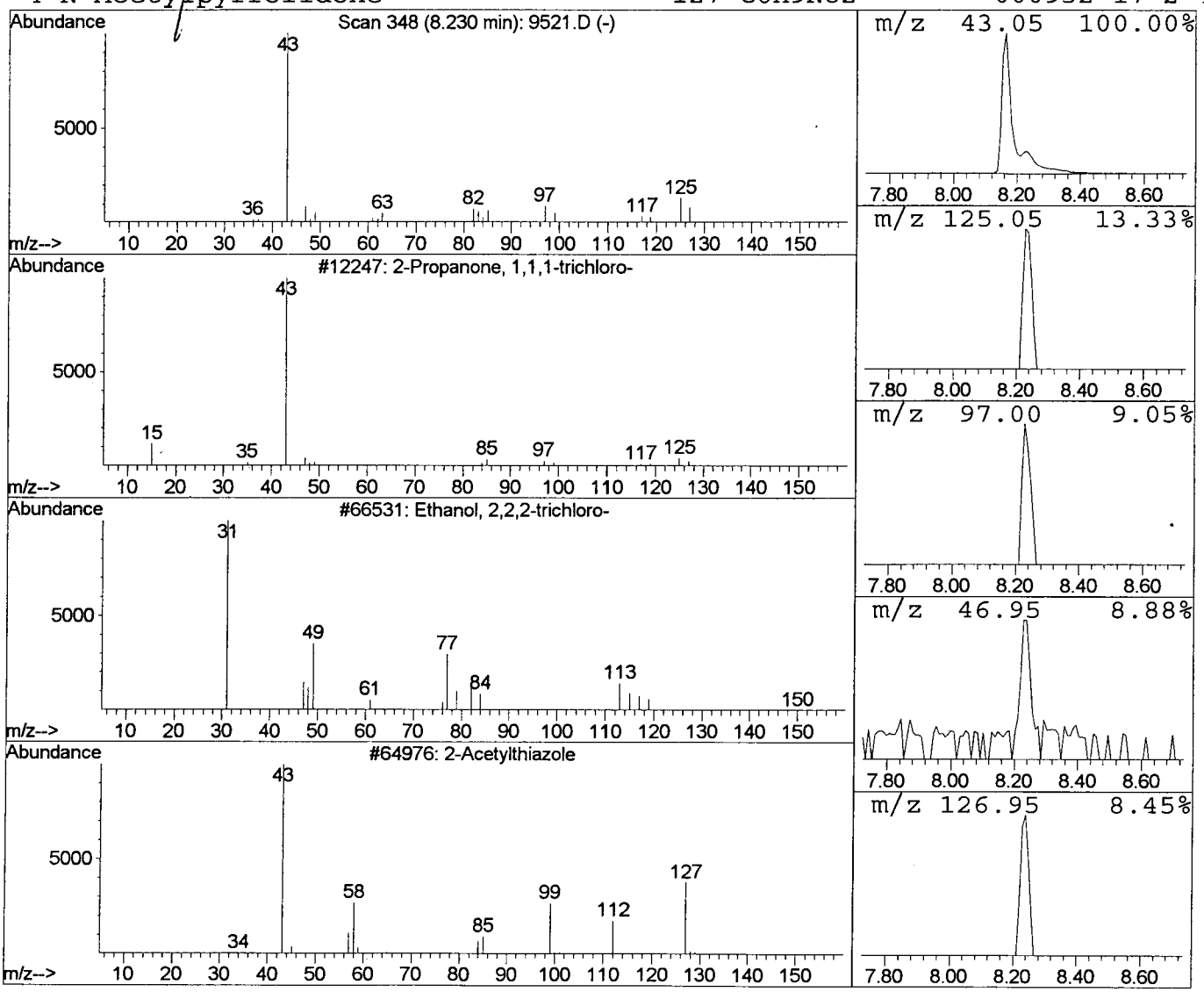
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.53 ug/l	228119	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	74
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 8:38 am
Data File: C:\HPCHEM\1\DATA\MAY0202\9521.D
Name: GC/MS SCAN 4/22
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	8.17	13.2	ug/l	856532	ISTD01	12.20	2588080	40.0
2-Propanone, 1,1,1-t	8.23	3.5	ug/l	228119	ISTD01	12.20	2588080	40.0

9521.D GCMS0501.M Fri May 03 12:23:52 2002