User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/06/2002 Time: 10:53:39

Sample: AE09523
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/6/02 10:53 Ended: 5/6/02 10:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		10.0

Dessomer
4/19/02
12093 / 78850

Comments for Sample AE09523 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-06-2002 Time: 10:55:03

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Isophorone at an estimated level of 0.40 ug/l.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0202\9523.D Vial: 21
Acq On : 3 May 2002 10:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 12:21 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	381449	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1393797	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	750812	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1044922	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	660892	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	424898	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	27442	7.51	ug/L	-0.02
Spiked Amount 10.000			Recovery = 75.10%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	11.61	93	394	N.D.		
4) 1,3-Dichlorobenzene	12.24	146	178	N.D.		
5) 1,4-Dichlorobenzene	12.24	146	178	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	13.43	77	503	N.D.		
12) Isophorone	14.53	82	9901	0.40	ug/l #	94
13) bis(2-Chloroethoxy)methane	15.21	93	718	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.89	128	1154	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	19.41	162	423	N.D.		
20) Dimethylphthalate	20.48	163	648	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	20.67	152	979	N.D.		
23) Acenaphthene	21.23	153	1223	N.D.		
24) 2,4-Dinitrotoluene	21.87	165	311	N.D.		
25) Diethylphthalate	22.62	149	3814	N.D.		
26) 4-Chlorophenyl-phenylether	22.77	204	1362	N.D.		
27) Fluorene	22.75	166	2912	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.17	168	914	N.D.		
32) 4-Bromophenyl-phenylether	24.24	248	1066	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.	d	
34) Phenanthrene	0.00	178	0	N.D.	d	

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

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MS Integration Params: GOOFY.P
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Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

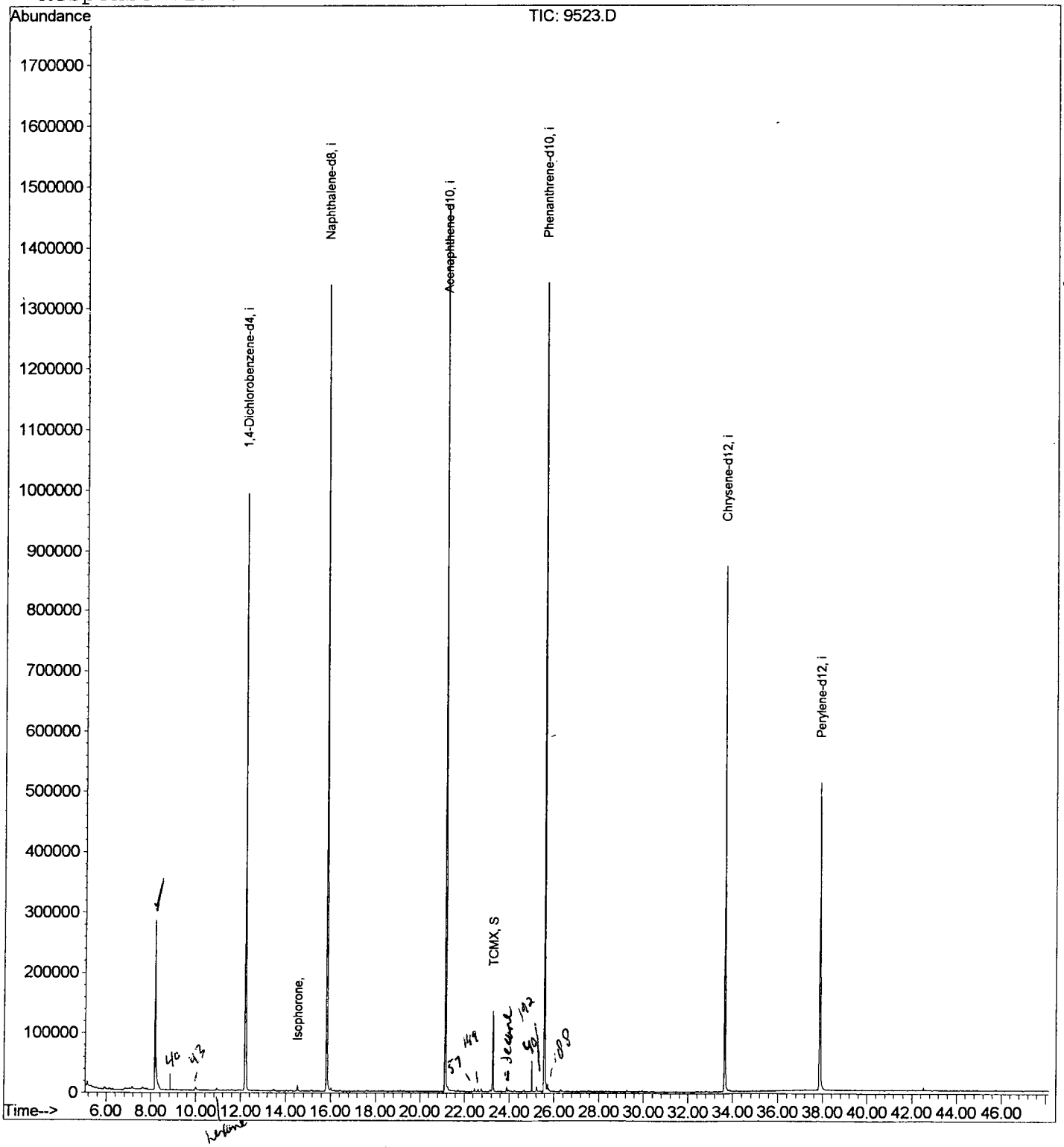
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.78	178	4198	N.D.	
36)	Di-n-butylphthalate	27.55	149	2719	N.D.	
37)	Fluoranthene	29.28	202	3517	N.D.	
39)	Pyrene	29.95	202	2813	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1542	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.87	149	1160	N.D.	
43)	Chrysene	33.64	228	1542	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	37.87	252	1636	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\MAY0202\9523.D Vial: 21
Acq On : 3 May 2002 10:38 am Operator:
Sample : GC/MS SCAN 4/22 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 12:21 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\9523.D Vial: 21
Acq On : 3 May 2002 10:38 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

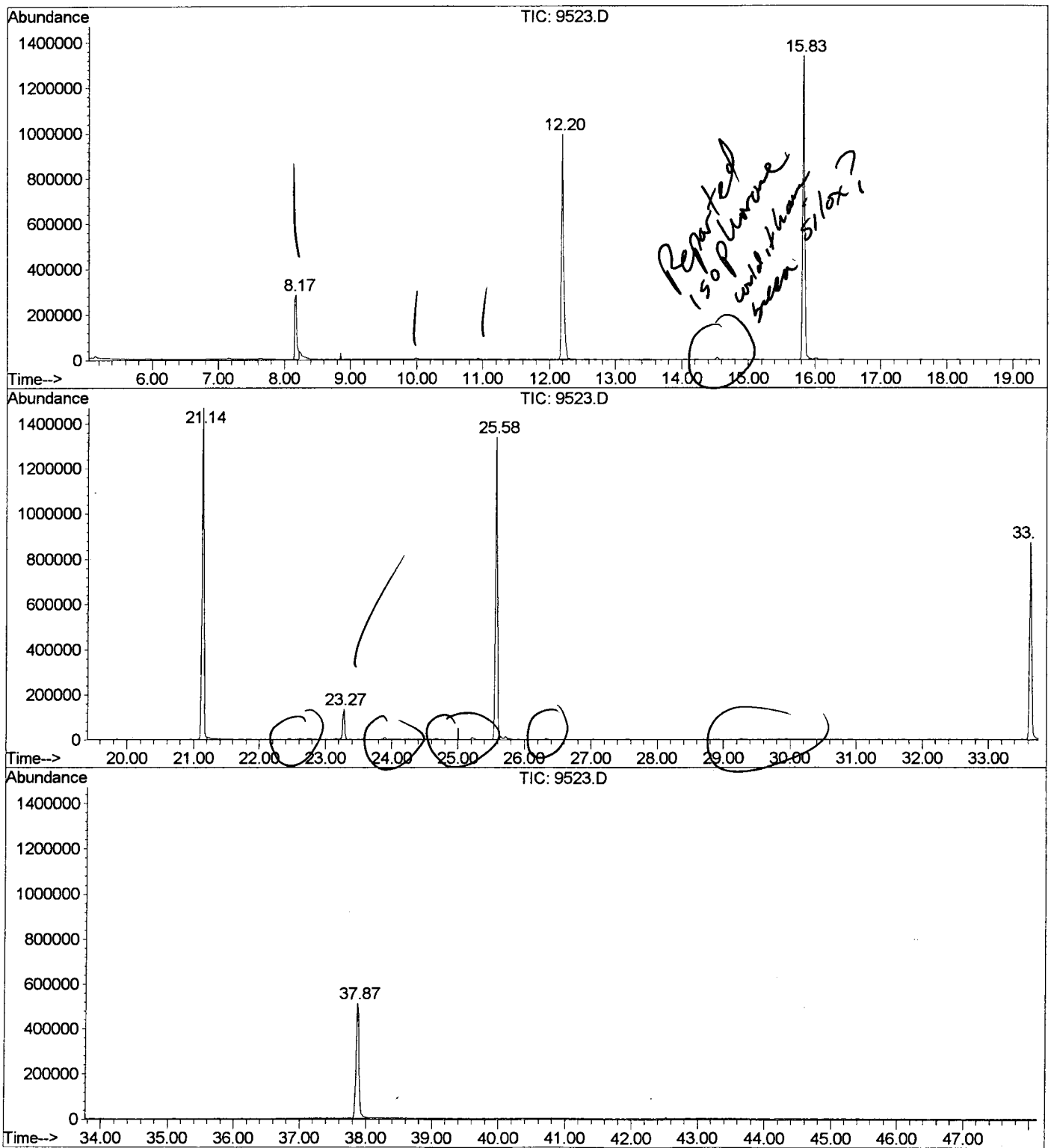
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.173	338	342	347	rBV	281479	580154	19.06%	3.813%
2	12.195	776	781	792	rBV	990448	2212397	72.69%	14.542%
3	15.833	1172	1178	1194	rBV	1335115	2792656	91.76%	18.356%
4	21.139	1750	1757	1764	rBV	1468341	3043467	100.00%	20.005%
5	23.274	1981	1990	1997	rVB2	133599	277692	9.12%	1.825%
6	25.583	2235	2242	2247	rBV2	1339440	2824158	92.79%	18.563%
7	33.638	3115	3121	3135	rBV2	871919	1975937	64.92%	12.988%
8	37.872	3575	3583	3603	rBV2	510536	1507114	49.52%	9.906%

Sum of corrected areas: 15213575

9523.D GCMS0501.M Fri May 03 12:24:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9523.D
Operator :
Acquired : 3 May 2002 10:38 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/22
Misc Info :
Vial Number: 21
Quant File :GCMS0501.RES (RTE Integrator)



9523.D GCMS0501.M Fri May 03 12:24:11 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0202\9523.D
Acq On : 3 May 2002 10:38 am
Sample : GC/MS SCAN 4/22
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator:
Inst : 209
Multiplr: 1.00

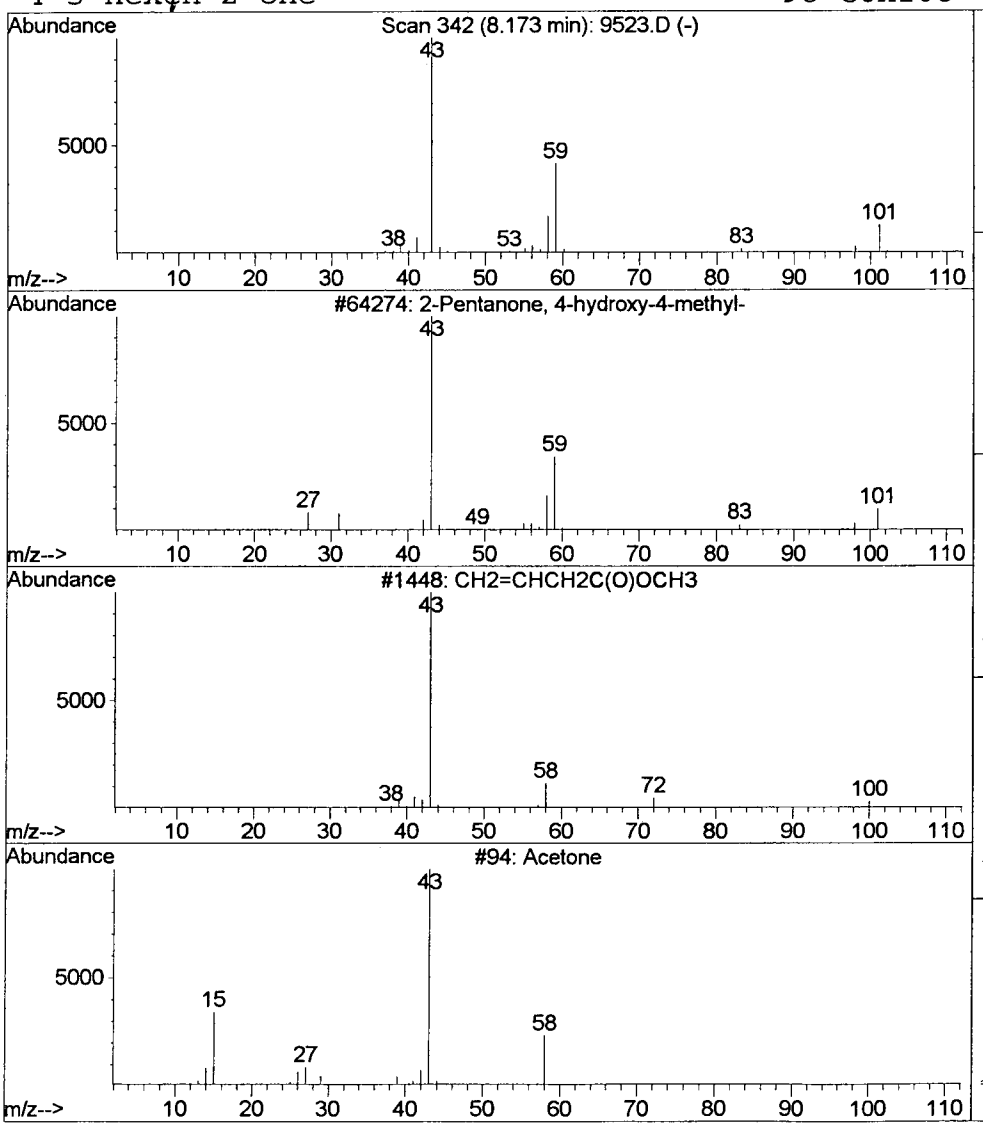
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

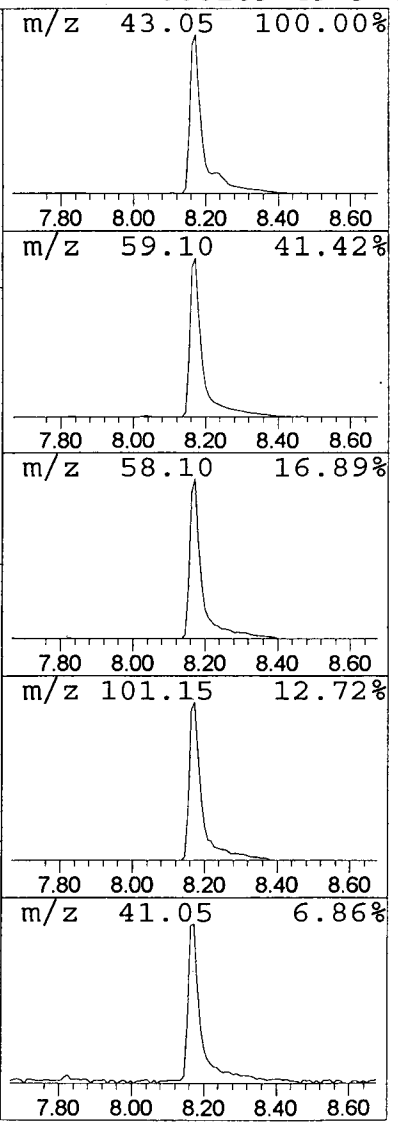
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	10.49 ug/l	580154	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	78
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: 3 May 2002 10:38 am
Data File: C:\HPCHEM\1\DATA\MAY0202\9523.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	10.5	ug/l	580154	ISTD01	12.20	2212400	40.0

9523.D GCMS0501.M Fri May 03 12:24:12 2002