

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/06/2002 Time: 14:55:50

Sample: AE12098
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/6/02 14:54 Ended: 6/6/02 14:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	ABL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		70		10.0

Comments for Sample AE12098 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-06-2002 Time: 14:56:18

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\MAY3102\12098.D
 Acq On : 31 May 2002 4:53 pm
 Sample : gc/ms scan 5/29
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 9:27 2002

Vial: 6
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri May 31 09:43:55 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	476266	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1915935	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	915574	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.43	188	1449501	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	895733	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	580735	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.14	209	177639	28.04	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	70.10%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	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	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	15.75	128	532	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	22.48	149	546	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1245	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	560	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.48	178	447	N.D.		

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

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Quantitation Report

(QT Reviewed)

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 Acq On : 31 May 2002 4:53 pm
 Sample : gc/ms scan 5/29
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 9:27 2002

Vial: 6
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Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri May 31 09:43:55 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0531

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.48	178	447	N.D.	
36) Di-n-butylphthalate	27.41	149	66289	1.27 ug/l	99
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.92	149	240	N.D.	
41) Benzo(a)anthracene	33.48	228	3062	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	1569	N.D.	
43) Chrysene	33.55	228	923	N.D.	
45) Di-n-Octylphthalate	35.47	149	298	N.D.	
46) Benzo(b)fluoranthene	36.52	252	935	N.D.	
47) Benzo(k)fluoranthene	36.59	252	1252	N.D.	
48) Benzo(a)pyrene	37.48	252	459	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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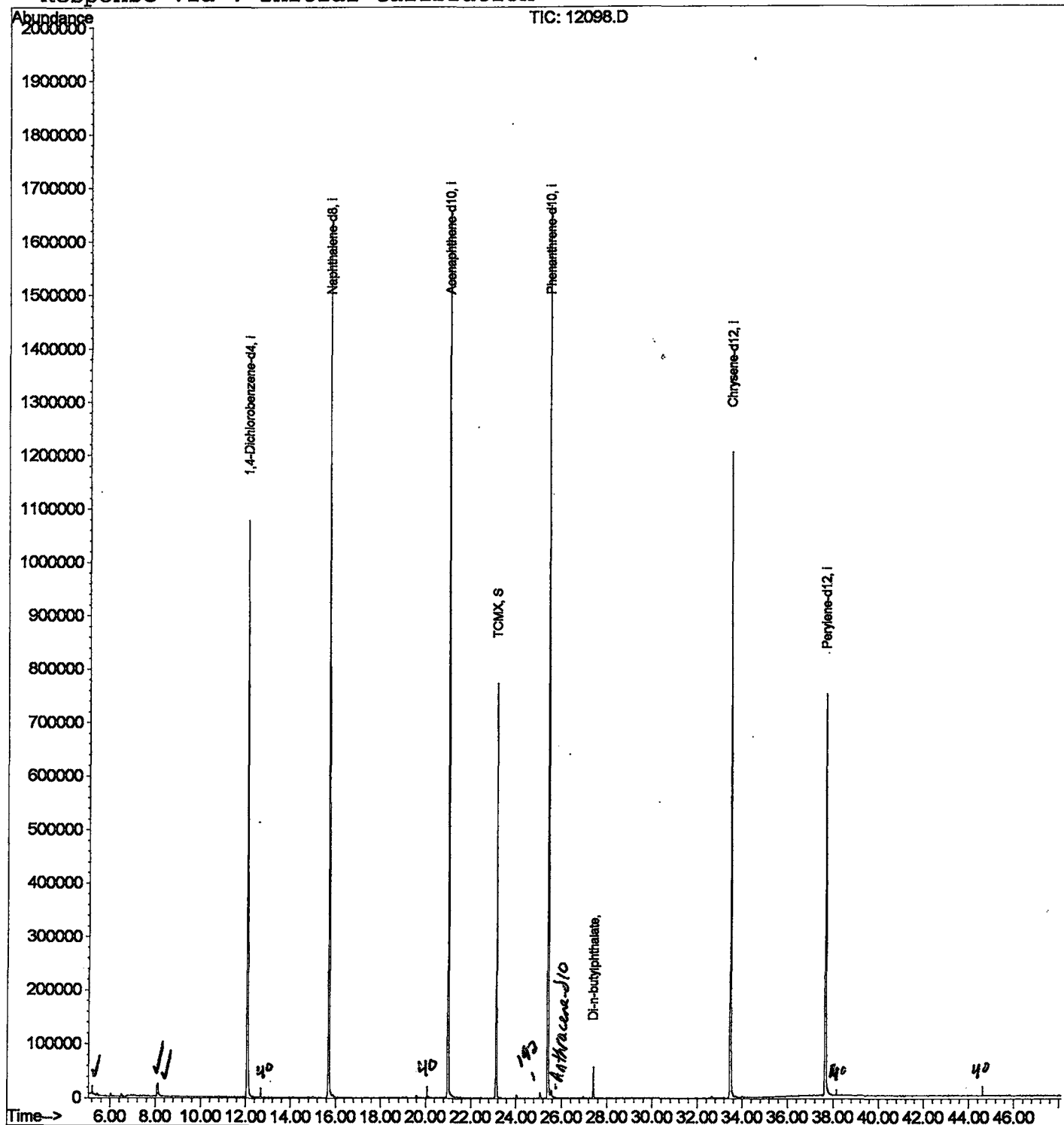
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12098.D
 Acq On : 31 May 2002 4:53 pm
 Sample : gc/ms scan 5/29
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 9:27 2002

Vial: 6
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri May 31 09:43:55 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12098.D
 Acq On : 31 May 2002 4:53 pm
 Sample : gc/ms scan 5/29
 Misc :
 MS Integration Params: LSCINT.P

Vial: 6
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0531.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

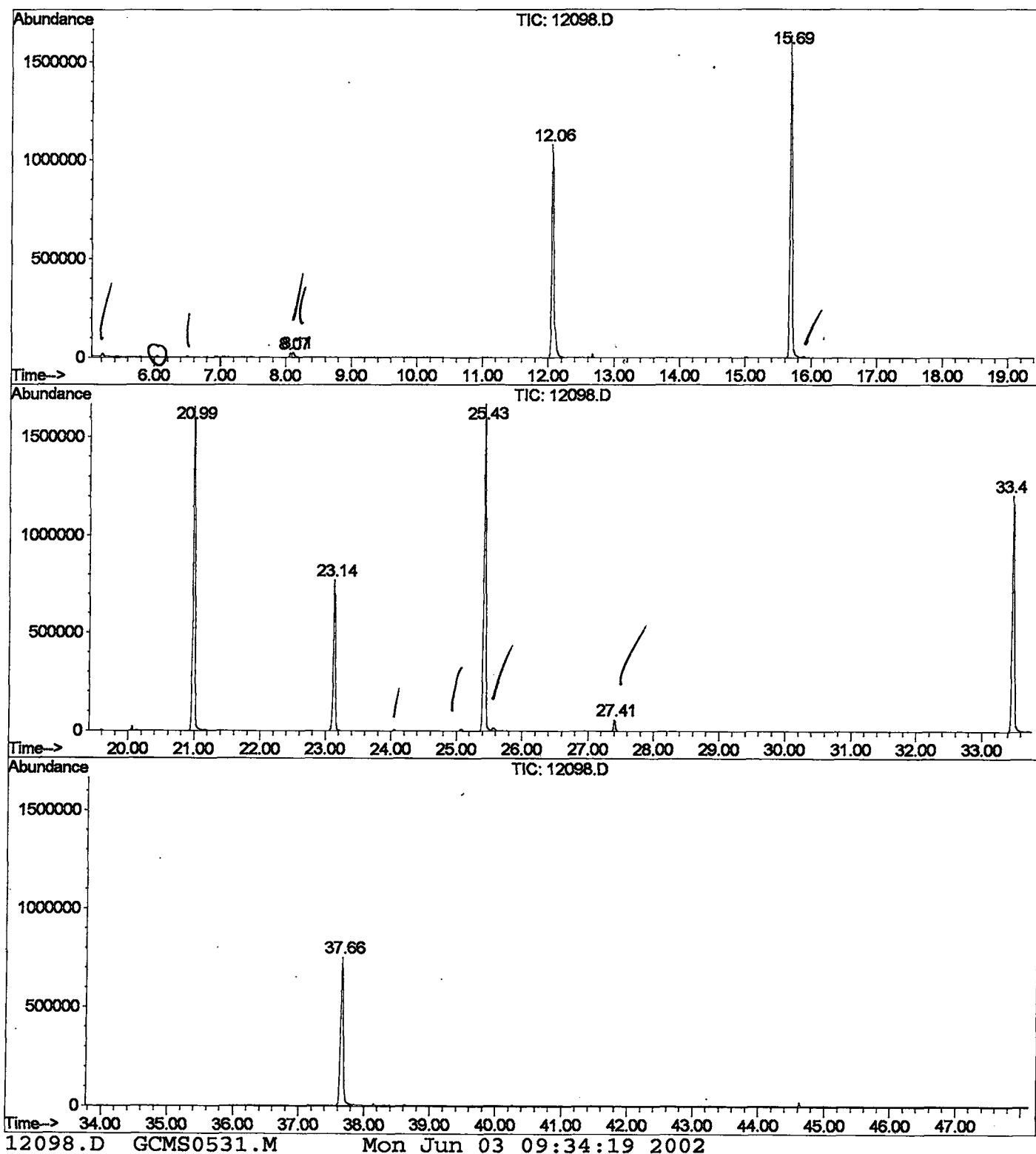
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.071	327	330	332	rBV	21032	39525	1.06%	0.195%
2	8.108	332	334	343	rVB	23727	54476	1.46%	0.268%
3	12.065	759	765	789	rBV	1077280	2594779	69.70%	12.785%
4	15.691	1153	1160	1177	rBV	1631946	3530058	94.82%	17.394%
5	20.988	1730	1737	1750	rBV	1655524	3626234	97.40%	17.868%
6	23.136	1962	1971	1983	rBV	772912	1647859	44.26%	8.120%
7	25.431	2213	2221	2232	rBV2	1666632	3722998	100.00%	18.345%
8	27.405	2431	2436	2442	rBV	57684	105750	2.84%	0.521%
9	33.473	3090	3097	3112	rBV2	1204862	2825613	75.90%	13.923%
10	37.660	3544	3553	3572	rBV2	747544	2147489	57.68%	10.581%

Sum of corrected areas: 20294781

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12098.D
 Operator : Morgan
 Acquired : 31 May 2002 4:53 pm using AcqMethod GCMS0531
 Instrument : 209
 Sample Name: gc/ms scan 5/29
 Misc Info :
 Vial Number: 6
 Quant File :GCMS0531.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12098.D
 Acq On : 31 May 2002 4:53 pm
 Sample : gc/ms scan 5/29
 Misc :
 MS Integration Params: LSCINT.P

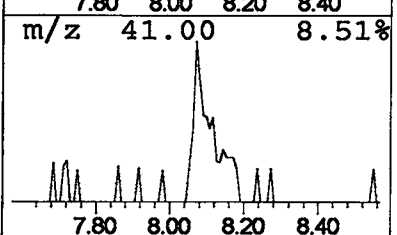
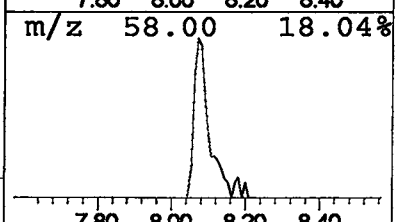
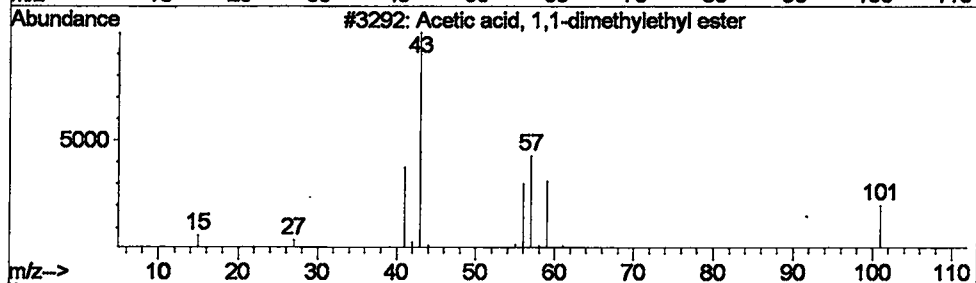
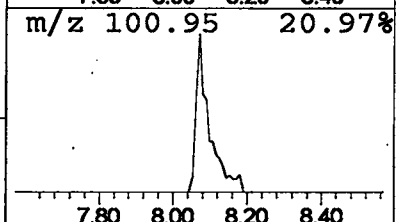
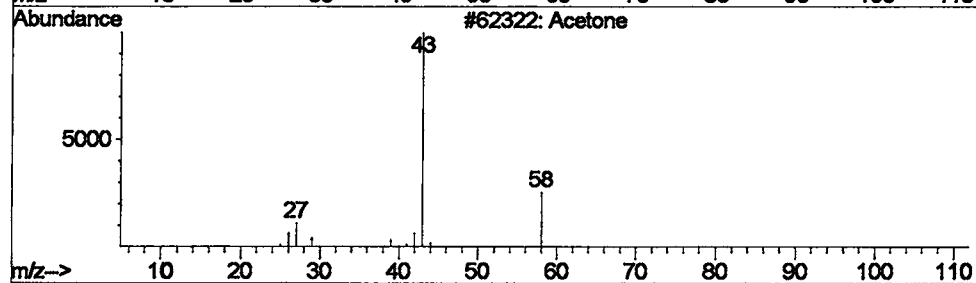
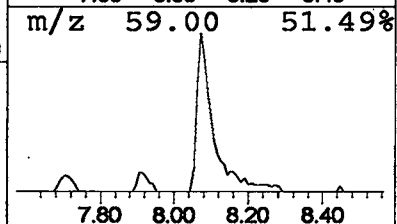
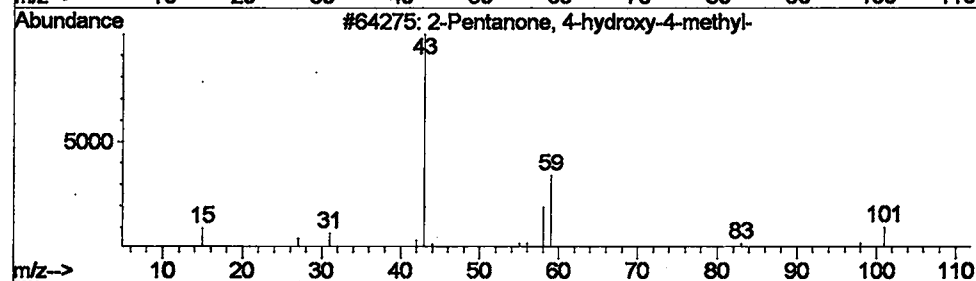
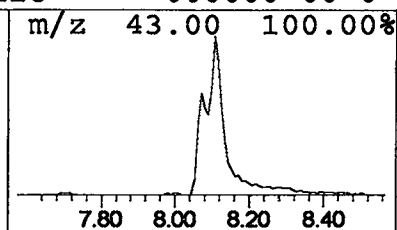
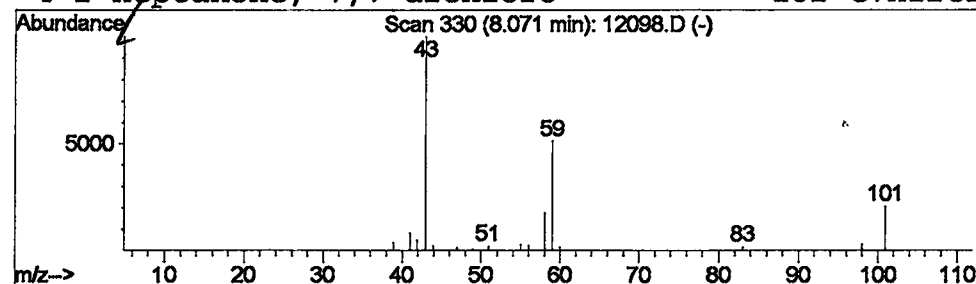
Vial: 6
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.61 ug/l	39525	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetone	58	C3H6O	000067-64-1	9
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	2-Heptanone, 7,7-dichloro-	182	C7H12Cl2O	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12098.D
Acq On : 31 May 2002 4:53 pm
Sample : gc/ms scan 5/29
Misc :
MS Integration Params: LSCINT.P

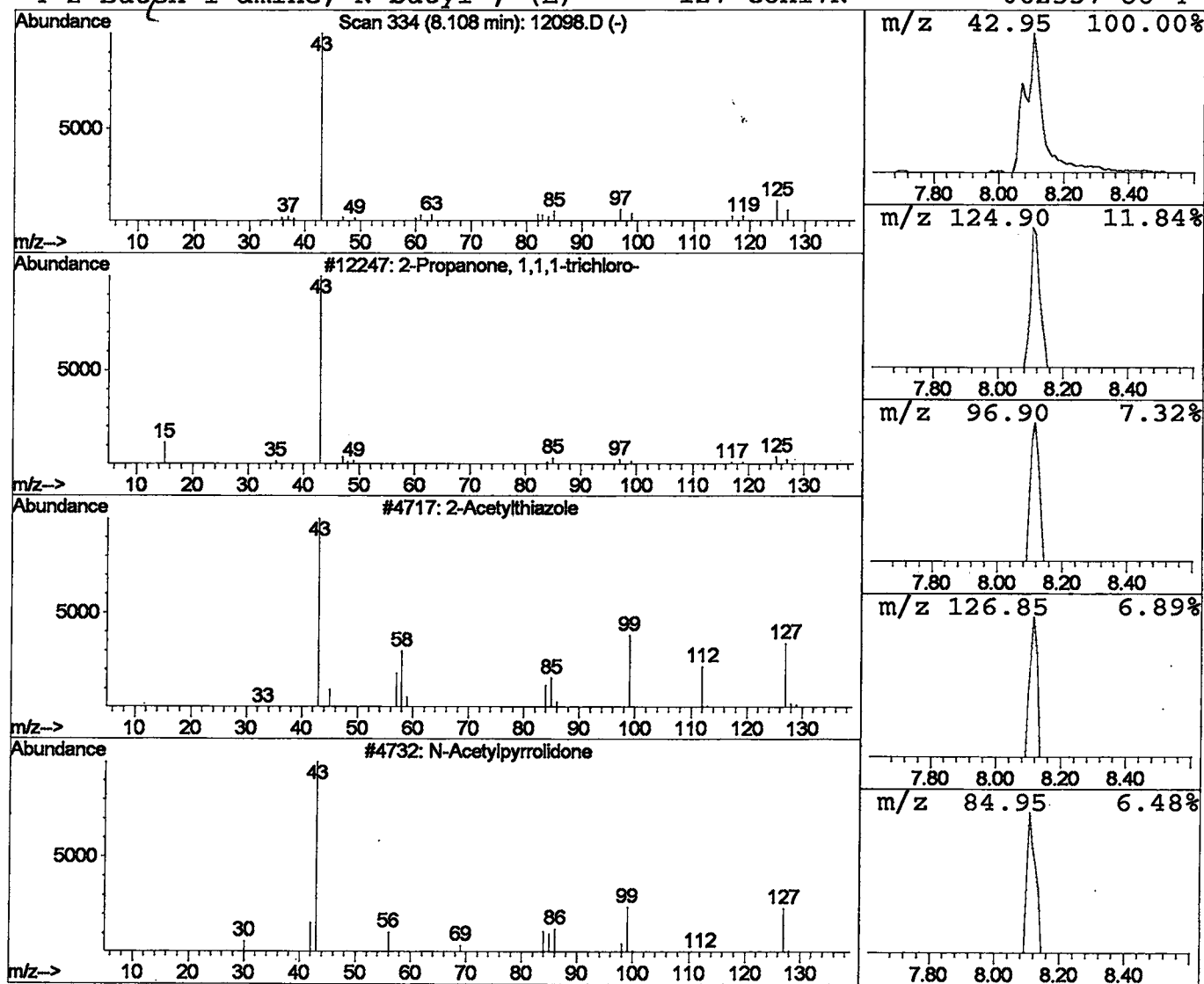
Vial: 6
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.84 ug/l	54476	1,4-Dichlorobenzene-d4	12.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	40
2			2-Acetylthiazole	127	C5H5NOS	024295-03-2	4
3			N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
4			2-Buten-1-amine, N-butyl-, (E)-	127	C8H17N	062337-86-4	4



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 4:53 pm
 Data File: C:\HPCHEM\1\DATA\MAY3102\12098.D
 Name: gc/ms scan 5/29
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0531.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	8.07	0.6 ug/l	39525	ISTD01	12.06	2594780	40.0
2-Propanone, 1,1,1-t	8.11	0.8 ug/l	54476	ISTD01	12.06	2594780	40.0

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