

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 06/06/2002 Time: 14:40:44

Sample: AE12674
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 6/6/02 14:40 Ended: 6/6/02 14:40 Analyst: DLV
 Page: 1

	Component Name	Yield	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		81		10.0

Comments for Sample AE12674 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-06-2002 Time: 14:41:14

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\12674.D

Vial: 19

Acq On : 1 Jun 2002 5:42 am

Operator: Morgan

Sample : gc/ms scan 5/30

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Jun 3 11:38 2002

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	12.07	152	492618	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1963248	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	938017	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1436634	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	827901	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	535601	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.14	209	210473	32.43	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	81.08%	

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	12.07	146	396	N.D.	
5) 1,4-Dichlorobenzene	12.07	146	396	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	13.93	82	198	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	15.76	128	320	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	0.00	149	0	N.D.	
26) 4-Chlorophenylphenylether	23.14	204	1515	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.14	168	416	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.49	178	381	N.D.	

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

12674.D GCMS0531.M Mon Jun 03 11:38:30 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3102\12674.D
Acq On : 1 Jun 2002 5:42 am
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:38 2002

Vial: 19
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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.49	178	381	N.D.	
36) Di-n-butylphthalate	27.41	149	15672	0.30 ug/l	97
37) Fluoranthene	29.12	202	512	N.D.	
39) Pyrene	29.79	202	329	N.D.	
40) Butylbenzylphthalate	31.92	149	172	N.D.	
41) Benzo(a)anthracene	33.47	228	2458	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	2858	N.D.	
43) Chrysene	33.55	228	320	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.52	252	324	N.D.	
47) Benzo(k)fluoranthene	36.60	252	305	N.D.	
48) Benzo(a)pyrene	37.65	252	2113	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
12674.D GCMS0531.M Mon Jun 03 11:38:31 2002

Page 2

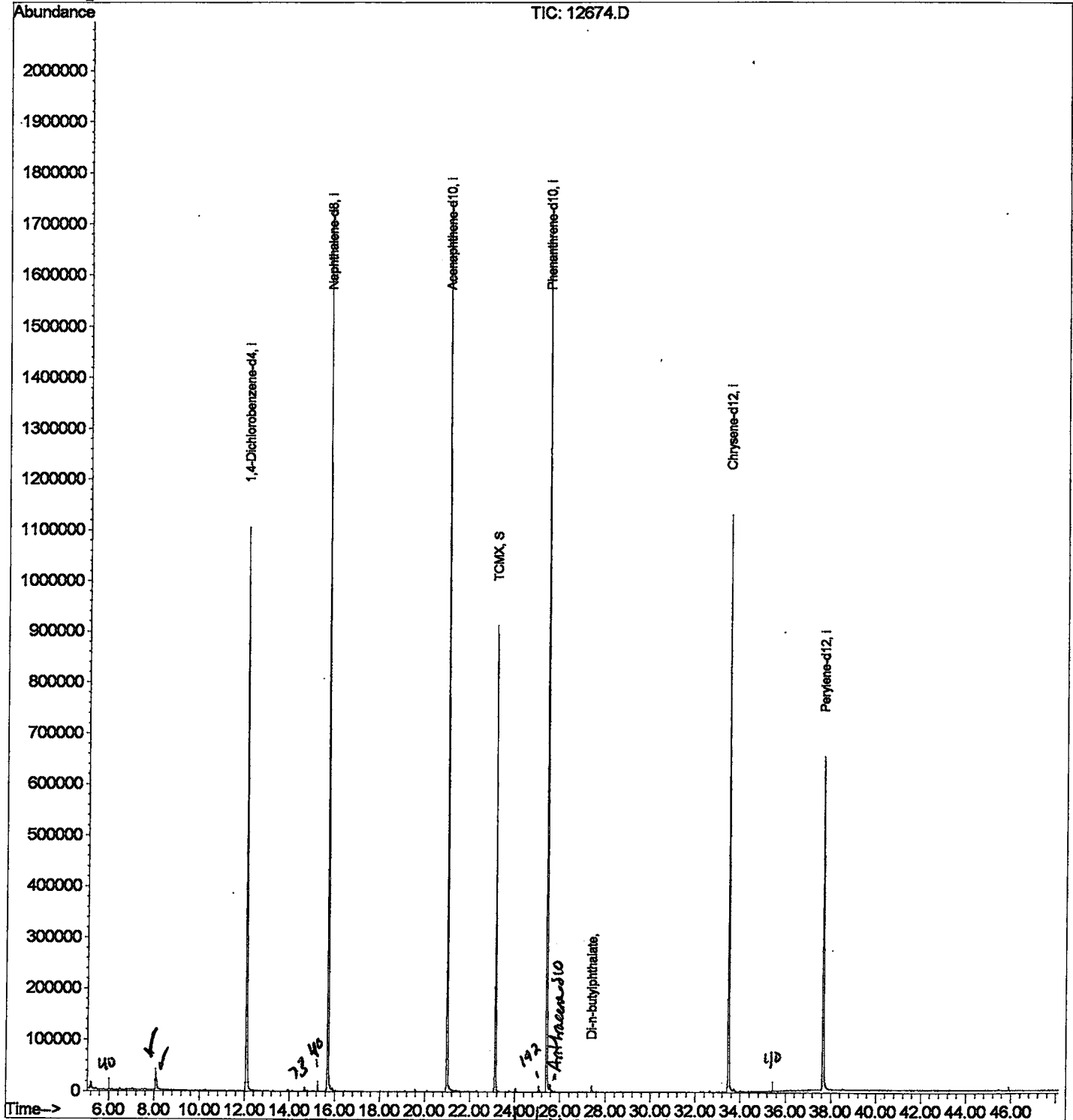
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12674.D
 Acq On : 1 Jun 2002 5:42 am
 Sample : gc/ms scan 5/30
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 11:38 2002

Vial: 19
 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\12674.D

Acq On : 1 Jun 2002 5:42 am

Sample : gc/ms scan 5/30

Misc :

MS Integration Params: LSCINT.P

Vial: 19

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	8.063	325	329	332	rBV	41397	85181	2.29%	0.419%
2	8.109	332	334	342	rVB	18222	39947	1.07%	0.196%
3	12.066	759	765	783	rBV	1104570	2670147	71.72%	13.121%
4	15.692	1154	1160	1179	rBV	1731219	3624826	97.36%	17.812%
5	20.989	1730	1737	1762	rBV	1744652	3723058	100.00%	18.295%
6	23.128	1962	1970	1984	rBV	912267	1977915	53.13%	9.719%
7	25.423	2214	2220	2232	rBV2	1708698	3675865	98.73%	18.063%
8	33.474	3090	3097	3112	rBV2	1130126	2603730	69.94%	12.795%
9	37.651	3545	3552	3570	rBV2	649316	1949335	52.36%	9.579%

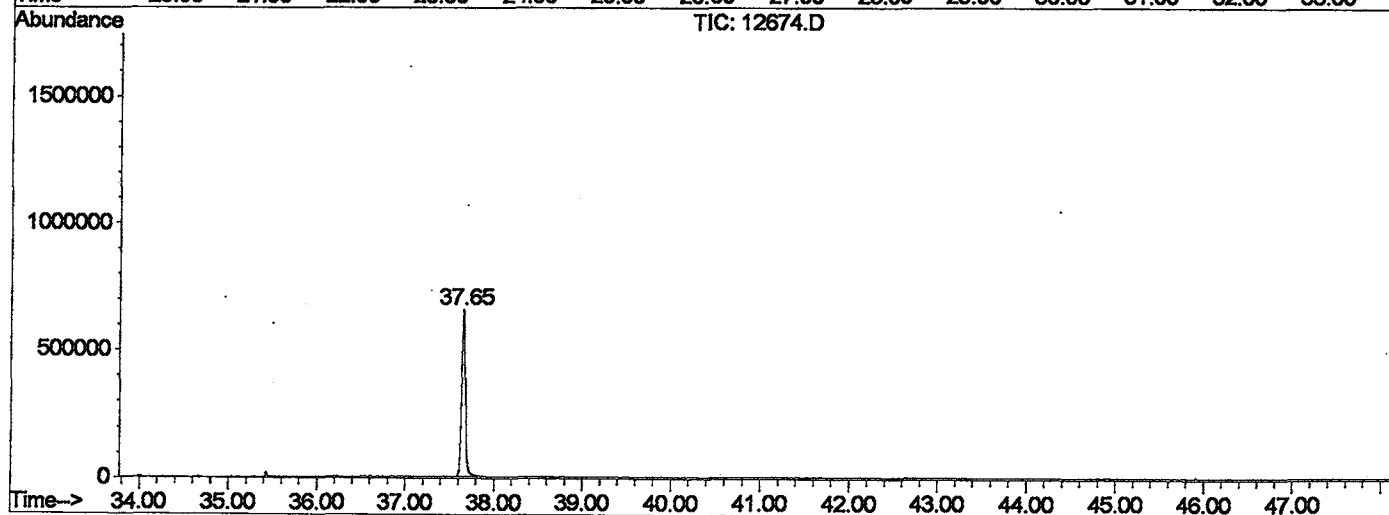
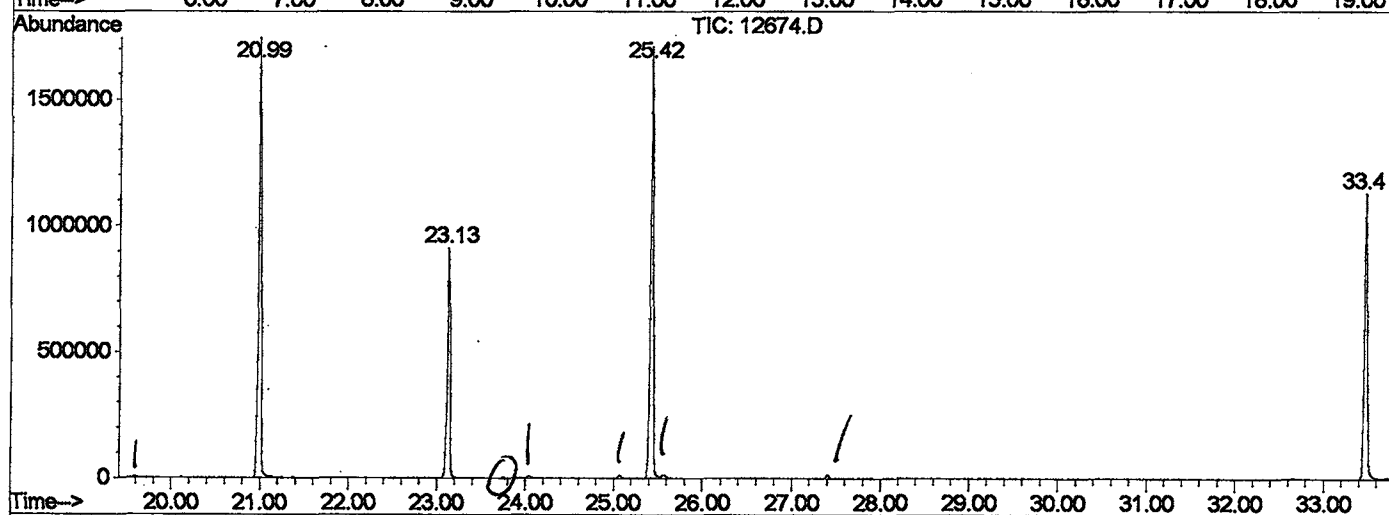
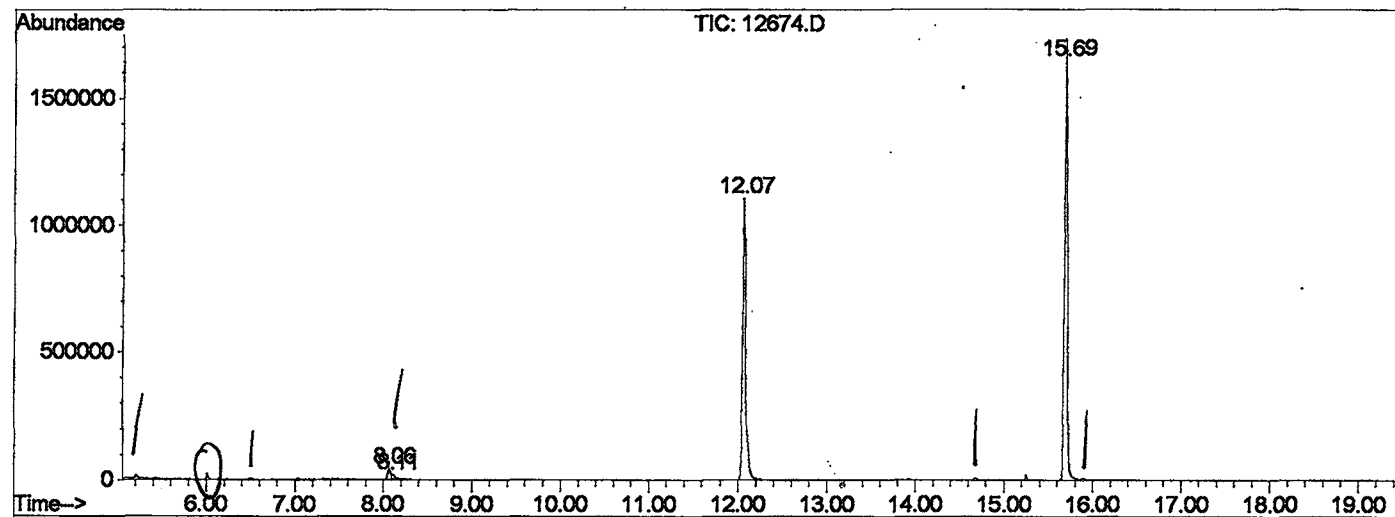
Sum of corrected areas: 20350004

12674.D GCMS0531.M

Mon Jun 03 11:45:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12674.D
Operator : Morgan
Acquired : 1 Jun 2002 5:42 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/30
Misc Info :
Vial Number: 19
Quant File : GCMS0531.RES (RTE Integrator)



12674.D GCMS0531.M Mon Jun 03 11:45:05 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12674.D
Acq On : 1 Jun 2002 5:42 am
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: LSCINT.P

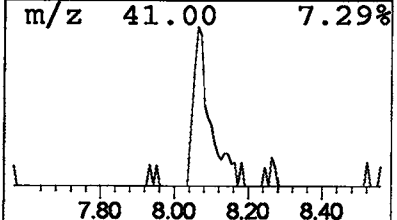
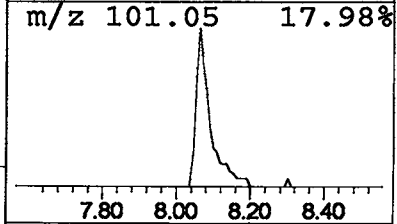
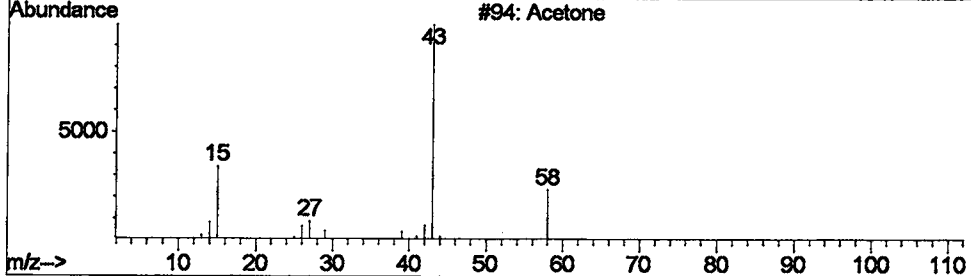
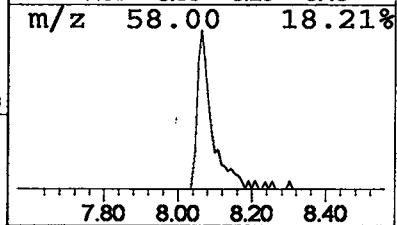
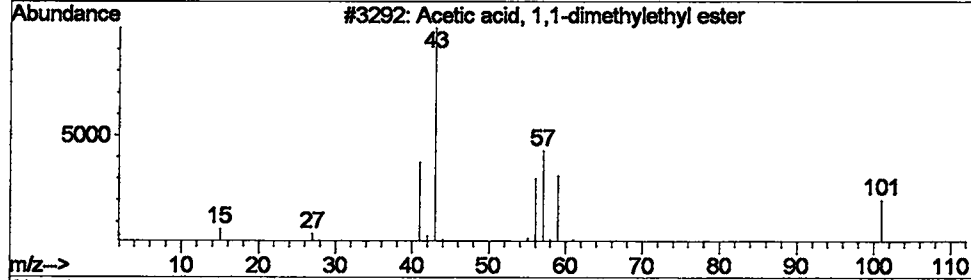
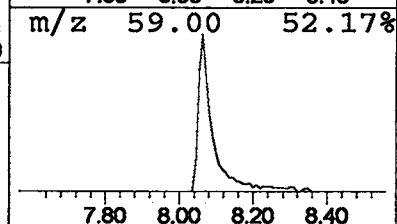
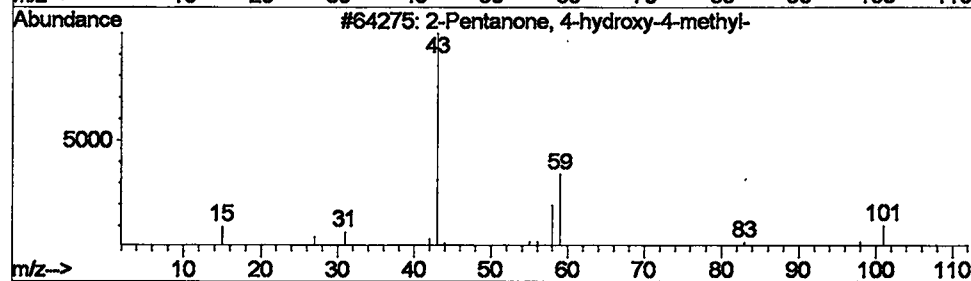
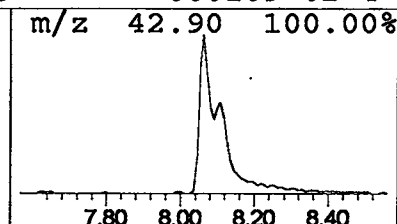
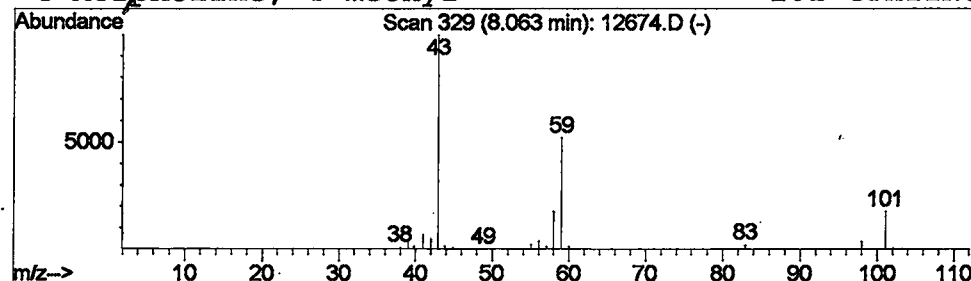
Vial: 19
Operator: Morgan
Inst : 209
Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.28 ug/l	85181	1,4-Dichlorobenzene-d4	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28		
3	Acetone	58	C3H6O	000067-64-1	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12674.D
 Acq On : 1 Jun 2002 5:42 am
 Sample : gc/ms scan 5/30
 Misc :
 MS Integration Params: LSCINT.P

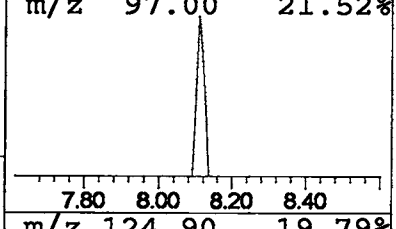
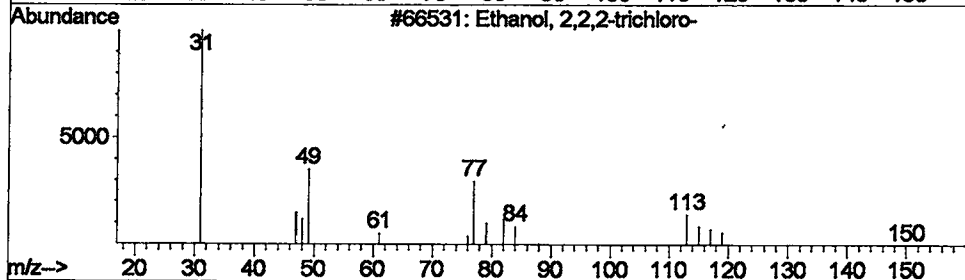
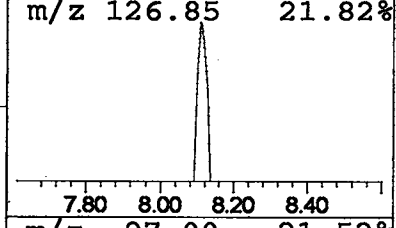
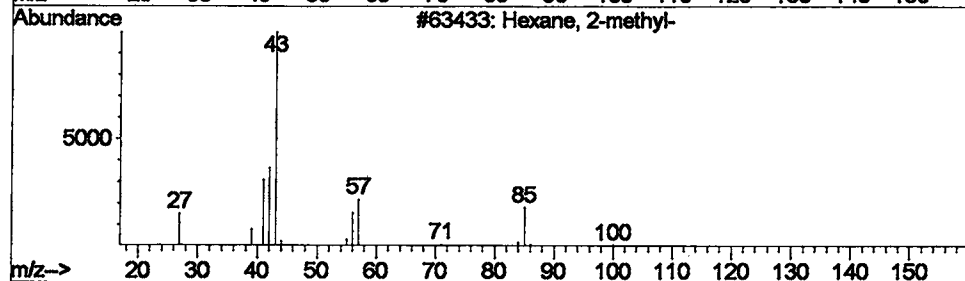
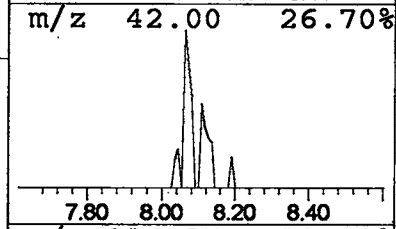
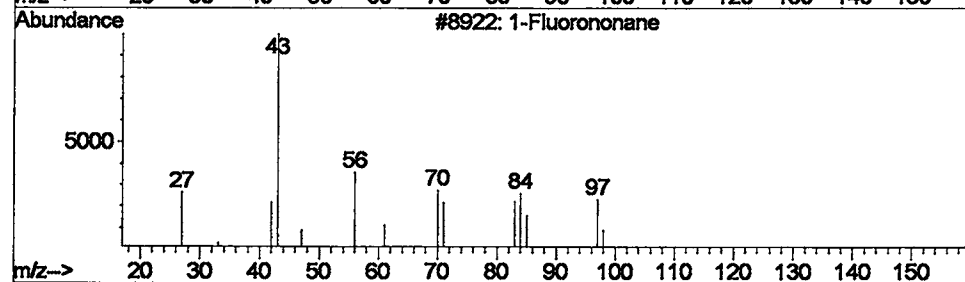
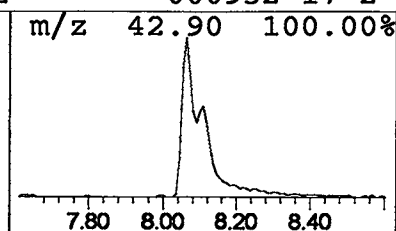
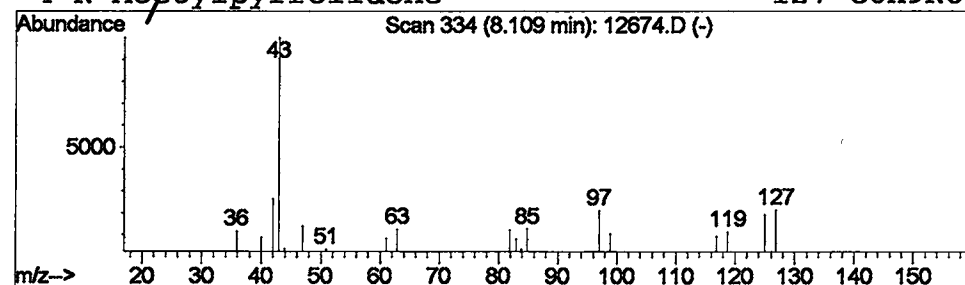
Vial: 19
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 1-Fluorononane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.60 ug/l	39947	1,4-Dichlorobenzene-d4	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Fluorononane	146	C9H19F	000463-18-3	10
2		Hexane, 2-methyl-	100	C7H16	000591-76-4	9
3		Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4		N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 1 Jun 2002 5:42 am
Data File: C:\HPCHEM\1\DATA\MAY3102\12674.D
Name: gc/ms scan 5/30
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	8.06	1.3	ug/l	85181	ISTD01	12.07	2670150	40.0
1-Fluoropentane	8.11	0.6	ug/l	39947	ISTD01	12.07	2670150	40.0

12674.D GCMS0531.M Mon Jun 03 11:45:07 2002