

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 06/07/2002 Time: 14:14:04

Sample: AE12570
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 6/7/02 14:13 Ended: 6/7/02 14:13 Analyst: DLV
 Page: 1

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

Comments for Sample AE12570 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-07-2002 Time: 14:14:30

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\JUN0302\12570.D
 Acq On : 4 Jun 2002 4:56 am
 Sample : gc/ms scan 5/28
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 4 11:46 2002

Vial: 21
 Operator:
 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	12.07	152	467325	40.00	ug/l	0.00
10) Naphthalene-d8	15.70	136	1871291	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	895061	40.00	ug/l	0.00
30) Phenanthrene-d10	25.43	188	1387932	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	801950	40.00	ug/l	-0.04
44) Perylene-d12	37.66	264	476712	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.13	209	186389	30.10	ug/L	-0.02
Spiked Amount	40.000		Recovery	=	75.25%	

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	12.08	146	184	N.D.	
5) 1,4-Dichlorobenzene	12.08	146	184	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	414	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	22.49	149	629	N.D.	
26) 4-Chlorophenylphenylether	23.12	204	727	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.12	168	474	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.49	178	371	N.D.	

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

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JUN0302\12570.D Vial: 21
 Acq On : 4 Jun 2002 4:56 am Operator:
 Sample : gc/ms scan 5/28 Inst : 209
 Misc : Multiplr: 1.00
 MS Integration Params: GOOFY.P
 Quant Time: Jun 4 11:46 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

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.49	178	371	N.D.	
36) Di-n-butylphthalate	27.41	149	25405	0.51 ug/l	97
37) Fluoranthene	29.13	202	1040	N.D.	
39) Pyrene	29.79	202	946	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.48	228	1963	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	2159	N.D.	
43) Chrysene	33.54	228	390	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	37.66	252	1855	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
 12570.D GCMS0531.M Tue Jun 04 11:47:04 2002

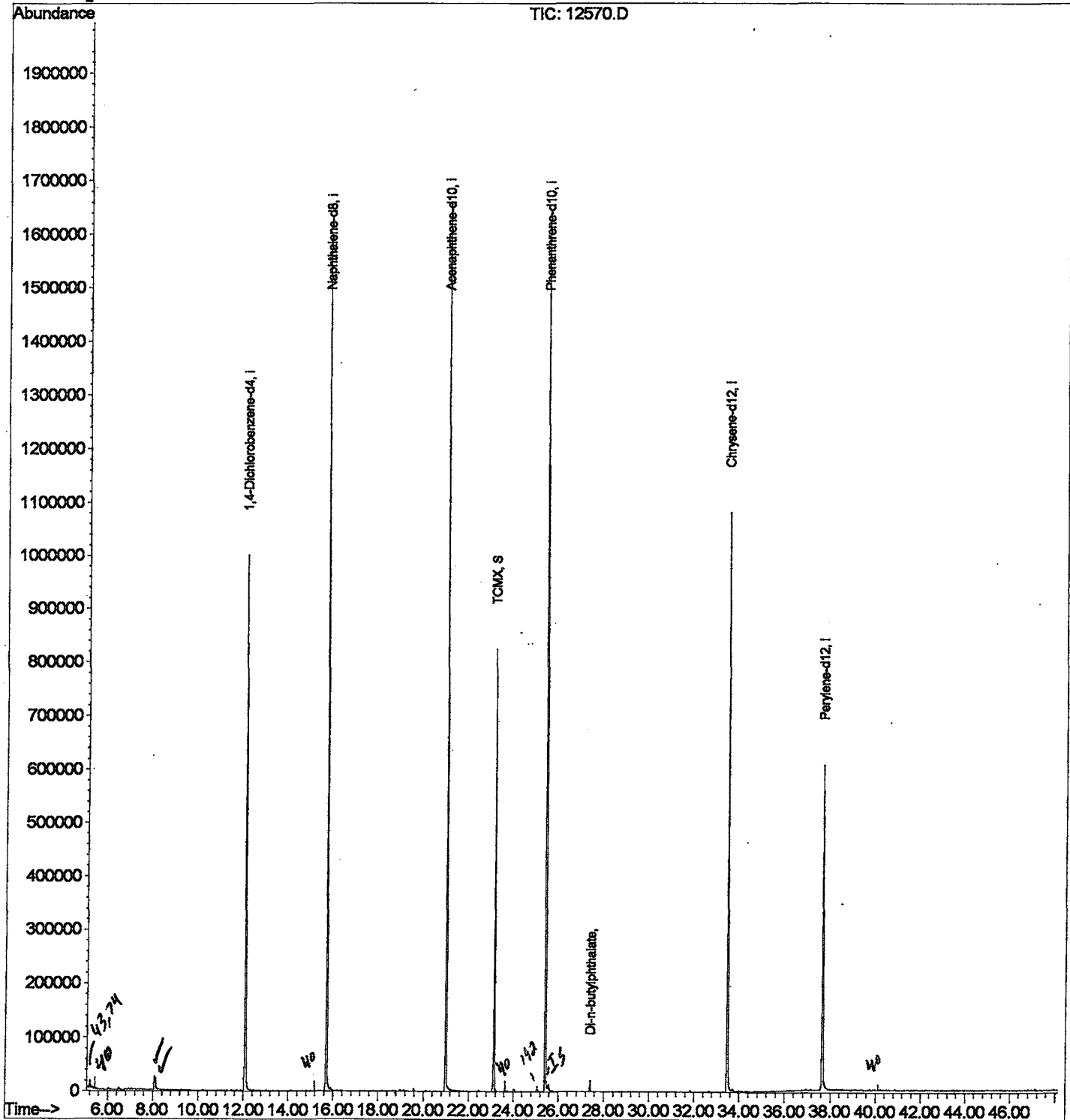
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12570.D
 Acq On : 4 Jun 2002 4:56 am
 Sample : gc/ms scan 5/28
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 4 11:46 2002

Vial: 21
 Operator:
 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\JUN0302\12570.D
 Acq On : 4 Jun 2002 4:56 am
 Sample : gc/ms scan 5/28
 Misc :
 MS Integration Params: LSCINT.P

Vial: 21
 Operator:
 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

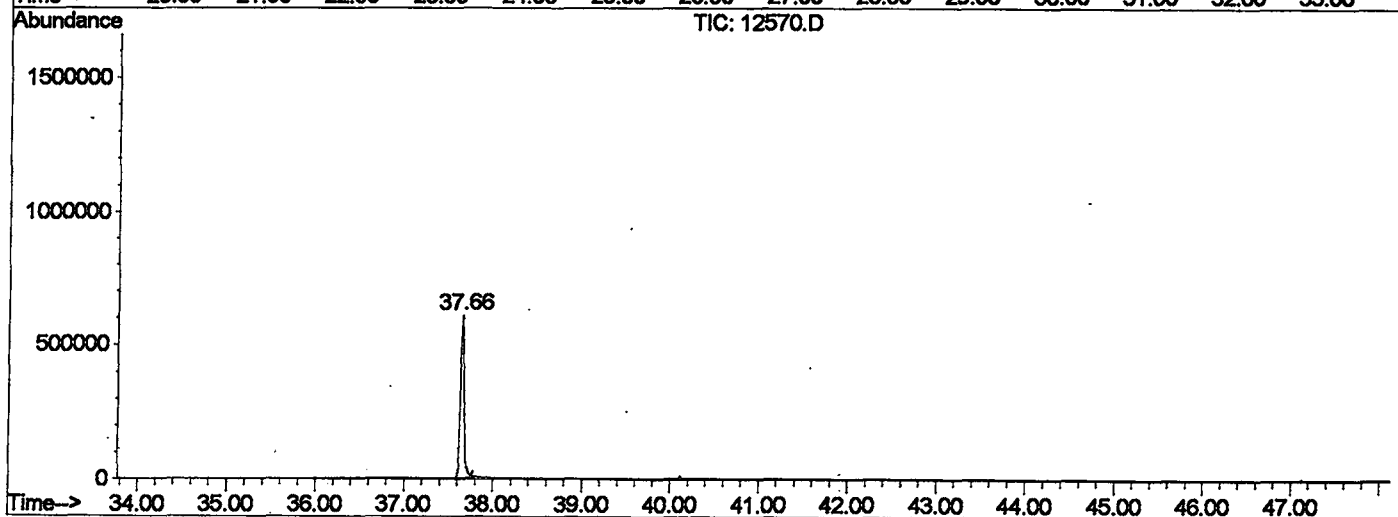
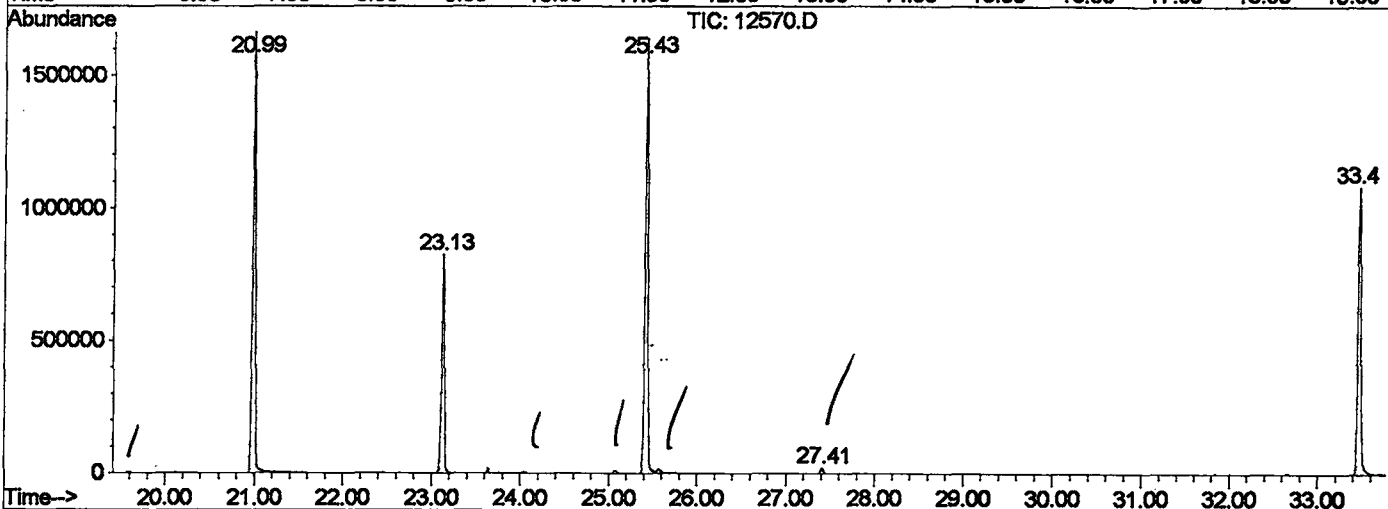
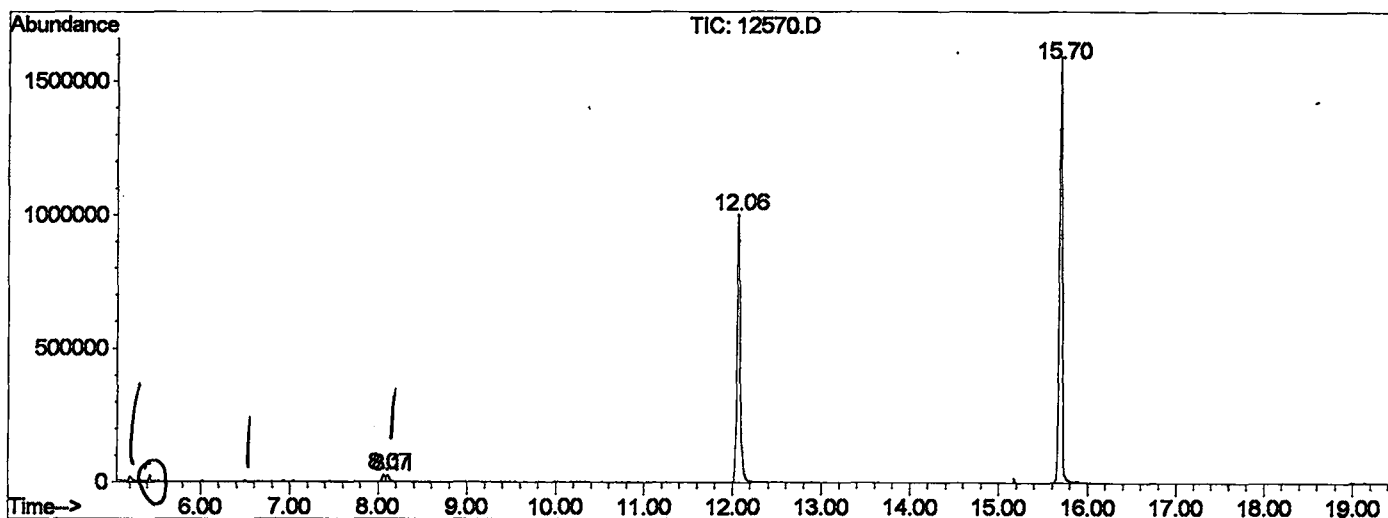
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.068	325	329	331	rBV	26059	48116	1.34%	0.250%
2	8.114	331	334	343	rVB	22354	55130	1.54%	0.286%
3	12.061	759	764	786	rBV	999559	2556182	71.37%	13.263%
4	15.696	1153	1160	1176	rBV	1592878	3451686	96.37%	17.909%
5	20.994	1730	1737	1754	rBV	1660445	3554420	99.24%	18.442%
6	23.133	1958	1970	1982	rBV	824822	1720934	48.05%	8.929%
7	25.428	2213	2220	2231	rBV2	1639447	3581548	100.00%	18.583%
8	27.411	2430	2436	2442	rBV	21219	41120	1.15%	0.213%
9	33.470	3089	3096	3114	rBV2	1081772	2511448	70.12%	13.031%
10	37.656	3544	3552	3567	rBV2	604199	1752825	48.94%	9.095%

Sum of corrected areas: 19273409

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12570.D
 Operator :
 Acquired : 4 Jun 2002 4:56 am using AcqMethod GCMS0531
 Instrument : 209
 Sample Name: gc/ms scan 5/28
 Misc Info :
 Vial Number: 21
 Quant File : GCMS0531.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12570.D
 Acq On : 4 Jun 2002 4:56 am
 Sample : gc/ms scan 5/28
 Misc :
 MS Integration Params: LSCINT.P

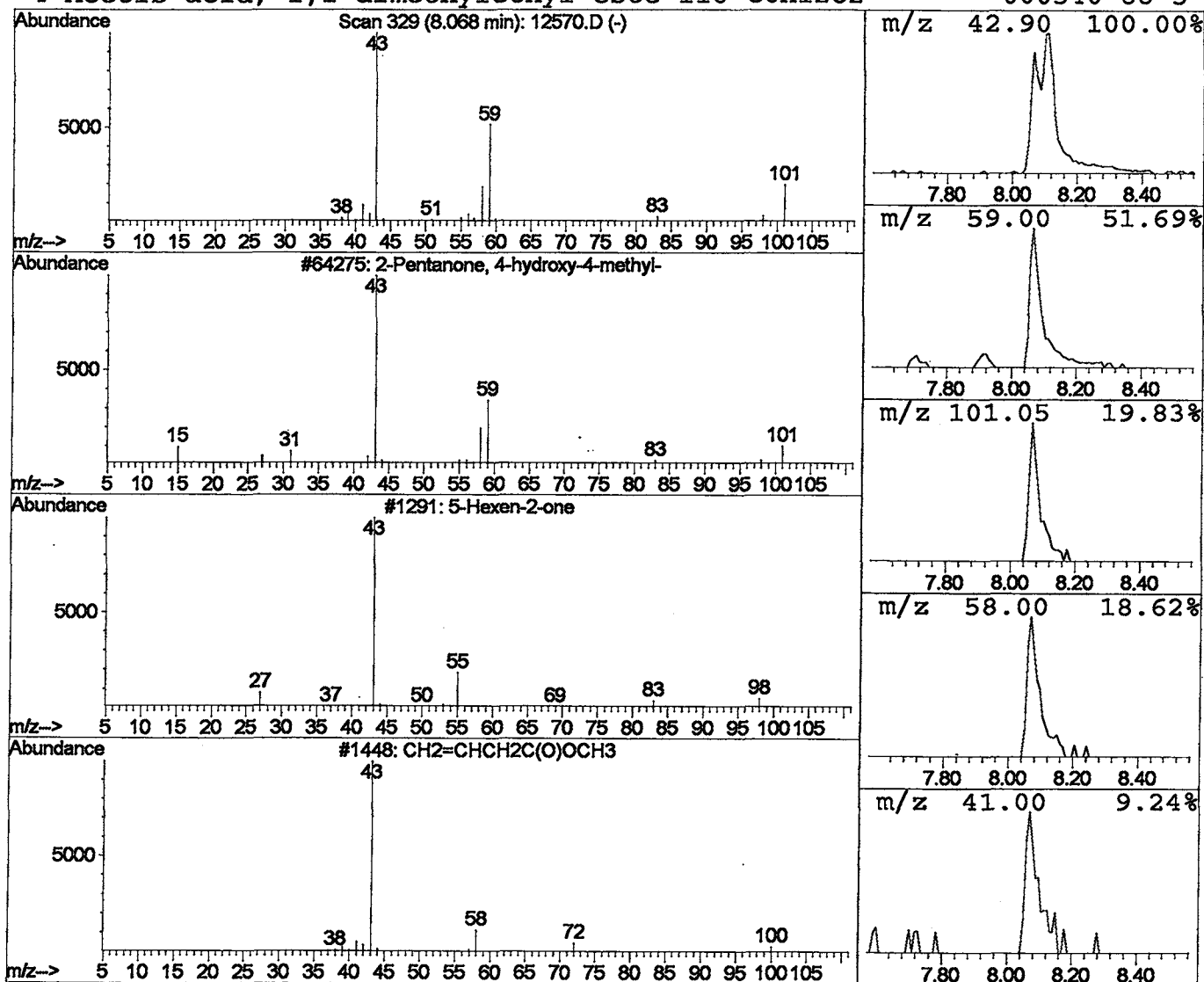
Vial: 21
 Operator:
 Inst : 209
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.75 ug/l	48116	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	42	
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9	
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9	
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9	



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12570.D
 Acq On : 4 Jun 2002 4:56 am
 Sample : gc/ms scan 5/28
 Misc :
 MS Integration Params: LSCINT.P

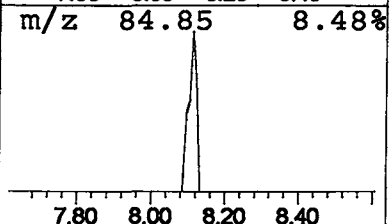
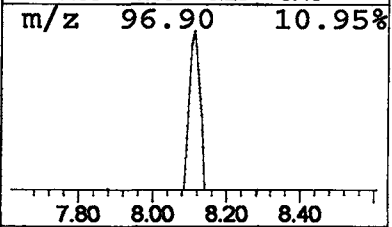
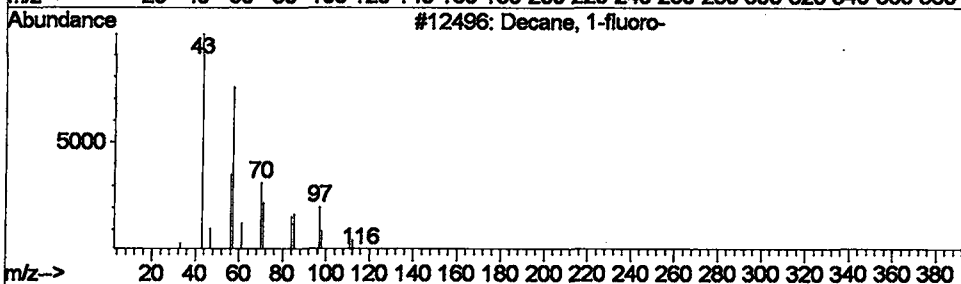
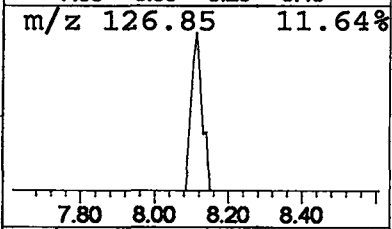
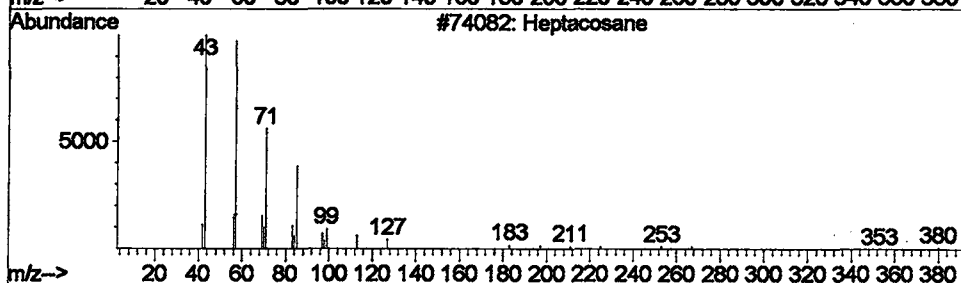
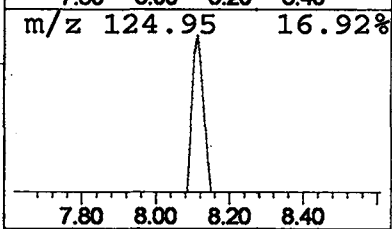
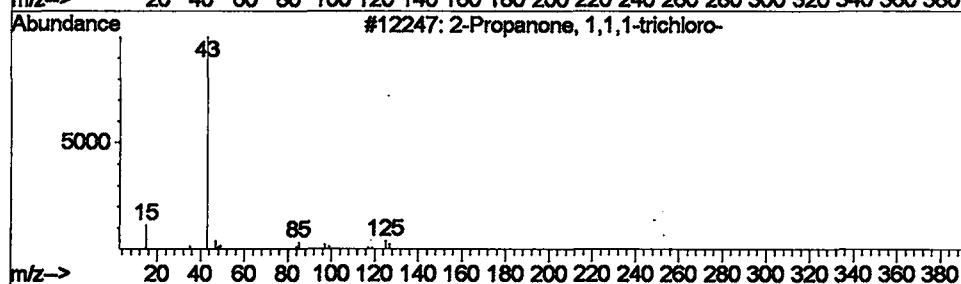
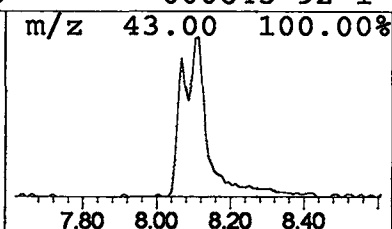
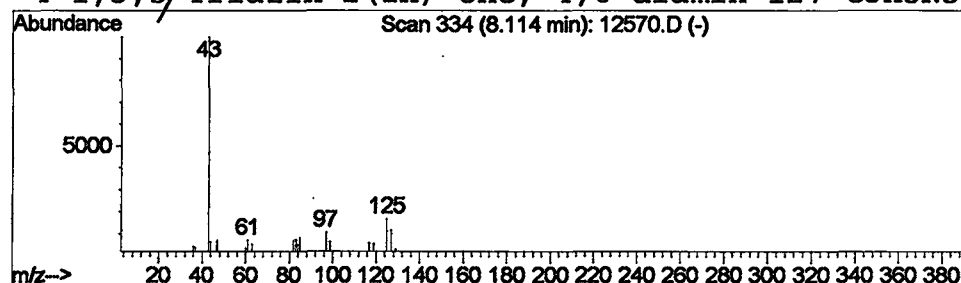
Vial: 21
 Operator:
 Inst : 209
 Multiplr: 1.00

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	0.86 ug/l	55130	1,4-Dichlorobenzene-d4	12.07

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38	
2	Heptacosane	380	C27H56	000593-49-7	9	
3	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9	
4	1,3,5-Triazin-2(1H)-one, 4,6-diamin	127	C3H5N5O	000645-92-1	9	



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 4:56 am
 Data File: C:\HPCHEM\1\DATA\JUN0302\12570.D
 Name: gc/ms scan 5/28
 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	0.8	ug/l	48116	ISTD01	12.07	2556180	40.0
2-Propanone, 1,1,1-t	8.11	0.9	ug/l	55130	ISTD01	12.07	2556180	40.0

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