

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 02/15/2002 Time: 09:27:53

Sample: AE02970
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 2/15/02 09:27 Ended: 2/15/02 09:27 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		5.0

Comments for Sample AE02970 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-15-2002 Time: 09:28:01

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

The recoveries for 7 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D
 Acq On : 9 Feb 2002 5:23 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 13 10:46 2002

Vial: 34
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri Feb 08 15:29:22 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.34	152	354835	20.00	ug/l	0.00
10) Naphthalene-d8	15.99	136	1366142	20.00	ug/l	0.00
17) Acenaphthene-d10	21.30	164	752880	20.00	ug/l	0.00
29) Phenanthrene-d10	25.76	188	1069017	20.00	ug/l	0.00
38) Chrysene-d12	33.83	240	719864	20.00	ug/l	-0.02
44) Perylene-d12	38.10	264	471922	20.00	ug/l	-0.02

System Monitoring Compounds

37) 2,4-DDD	30.83	235	54909	4.13	ug/mL	0.34
Spiked Amount	5.000		Recovery	=	82.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.54	74	213	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	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	16.05	128	225	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.	
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	22.77	149	7502	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	

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

2970.D GCMS0208.M Wed Feb 13 10:47:47 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D

Vial: 34

Acq On : 9 Feb 2002 5:23 pm

Operator: 209 GALOS

Sample : GC/MS SCAN 2/7

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 13 10:46 2002

Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Feb 08 15:29:22 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0208

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	25.76	178	192	N.D.		
34) Anthracene	25.76	178	192	N.D.		
35) Di-n-butylphthalate	27.71	149	4364	N.D.		
36) 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	33.83	228	1849	N.D.		
42) Bis(2-ethylhexyl)phthalate	34.03	149	5049	N.D.		
43) Chrysene	33.83	228	1849	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	38.11	252	1964	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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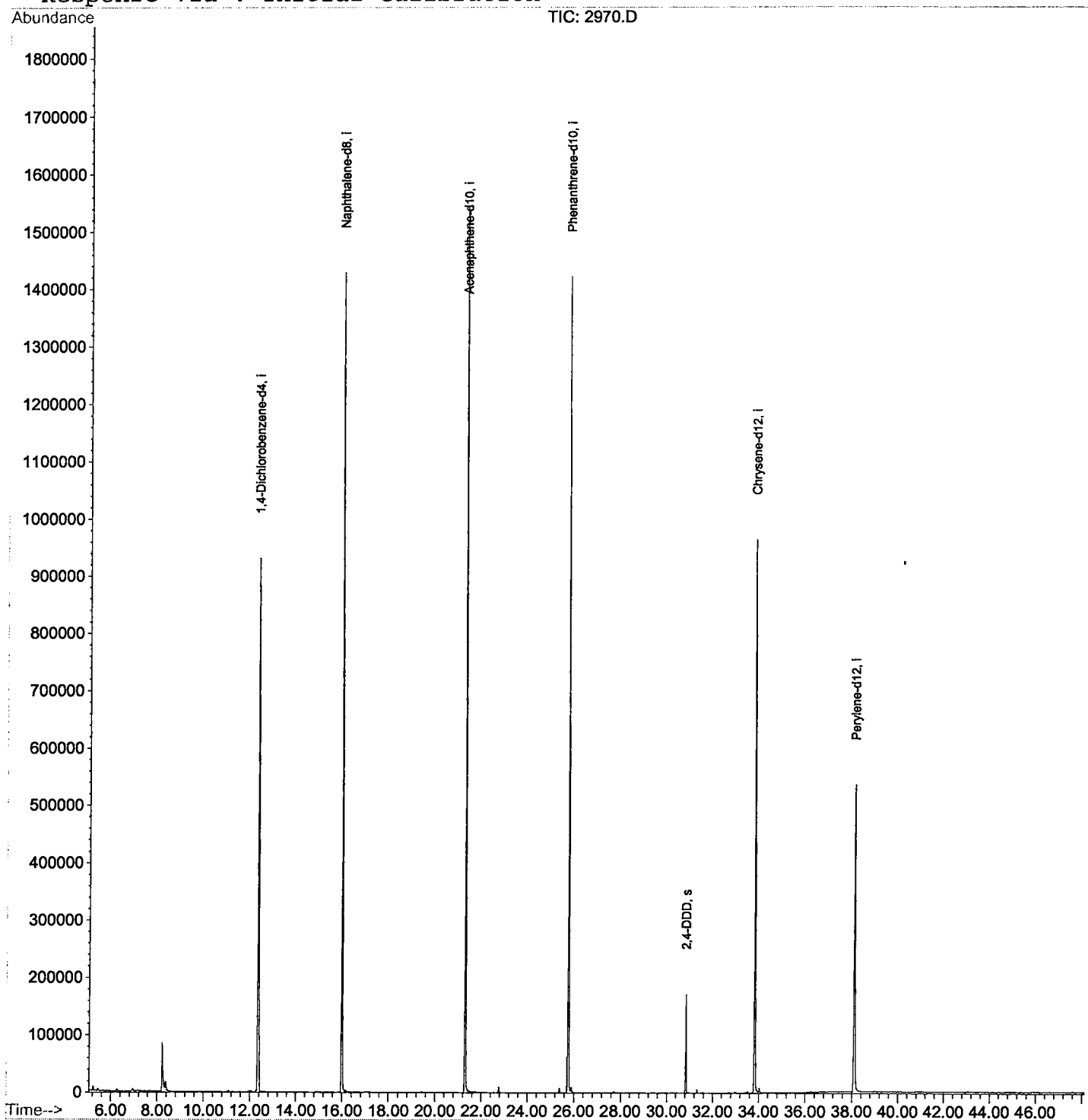
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D
Acq On : 9 Feb 2002 5:23 pm
Sample : GC/MS SCAN 2/7
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 13 10:46 2002

Vial: 34
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Feb 08 15:29:22 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D
 Acq On : 9 Feb 2002 5:23 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: LSCINT.P

Vial: 34
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

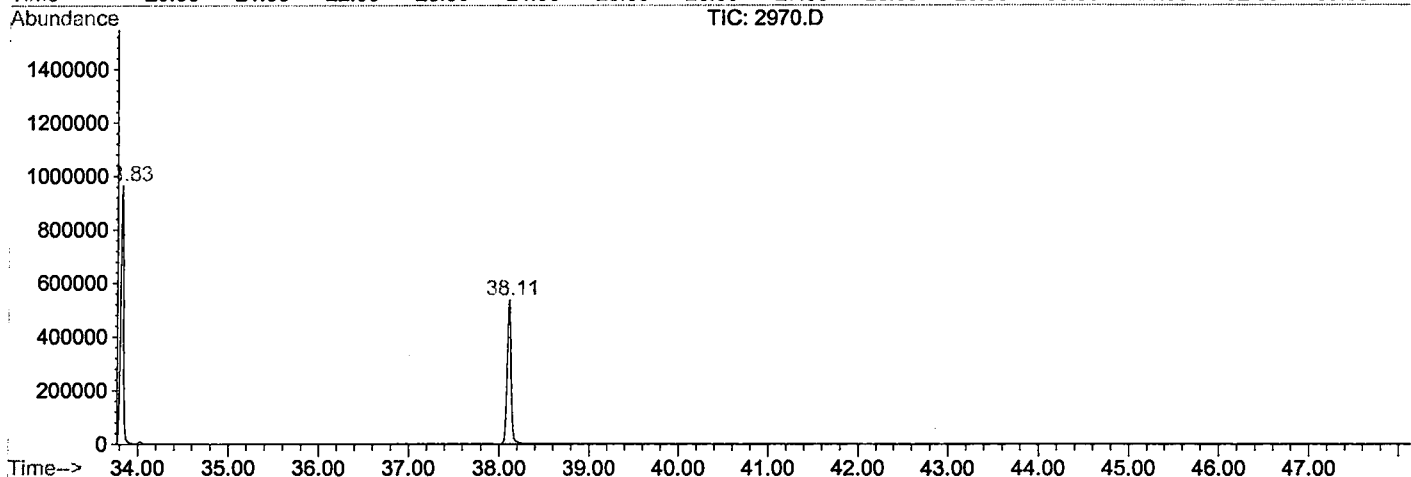
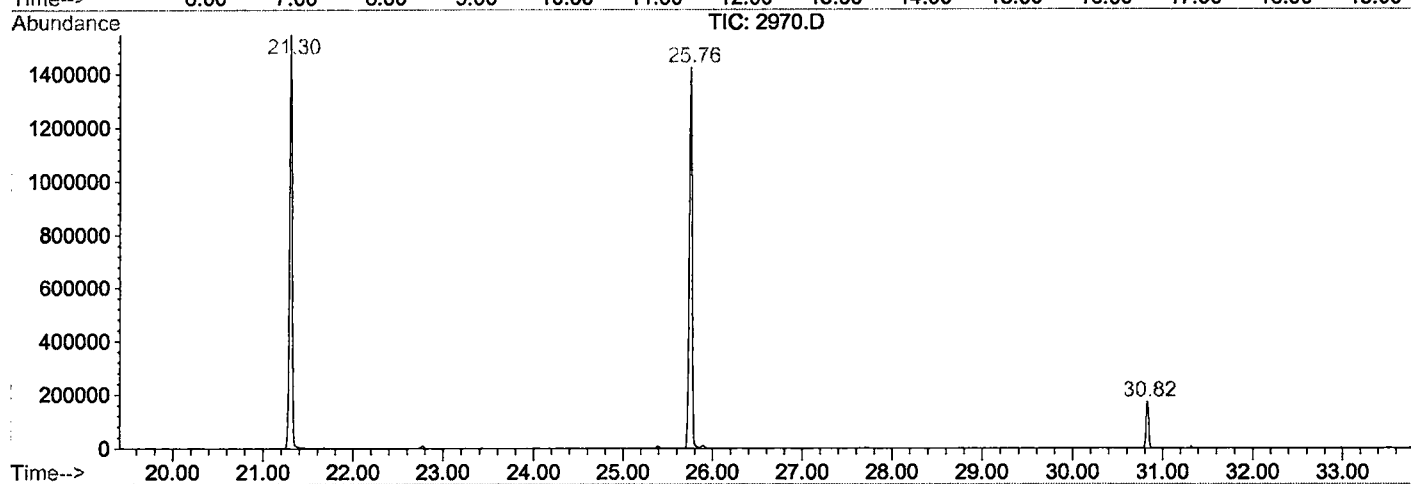
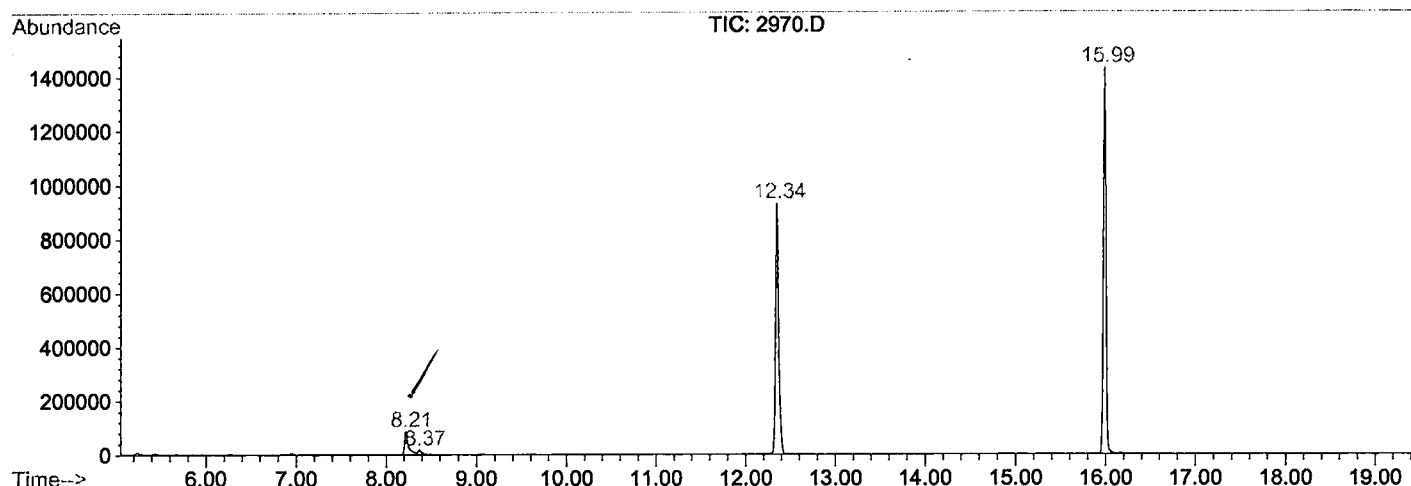
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.214	341	345	359	rBV	84510	258270	8.35%	1.654%
2	8.370	359	362	373	rVB	15748	43561	1.41%	0.279%
3	12.345	790	795	807	rVB	930617	2272175	73.47%	14.549%
4	15.989	1186	1192	1208	rBV	1428640	2819140	91.15%	18.051%
5	21.305	1764	1771	1782	rBV	1545512	3092768	100.00%	19.803%
6	25.757	2249	2256	2267	rBV	1422197	2961156	95.74%	18.960%
7	30.825	2803	2808	2814	rBV	171859	338270	10.94%	2.166%
8	33.827	3126	3135	3152	rBV	964656	2209026	71.43%	14.144%
9	38.114	3593	3602	3619	rBV2	534336	1623204	52.48%	10.393%

Sum of corrected areas: 15617570

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB0802\2970.D
 Operator : 209 GALOS
 Acquired : 9 Feb 2002 5:23 pm using AcqMethod GCMS0208
 Instrument : GC/MS 209
 Sample Name: GC/MS SCAN 2/7
 Misc Info :
 Vial Number: 34
 Quant File :GCMS0208.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D
 Acq On : 9 Feb 2002 5:23 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: LSCINT.P

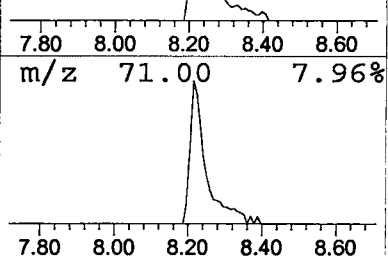
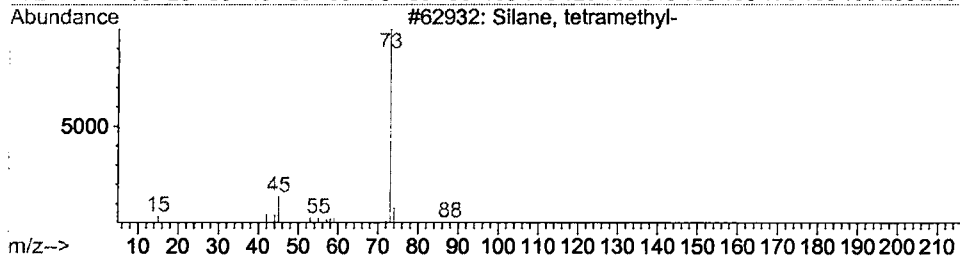
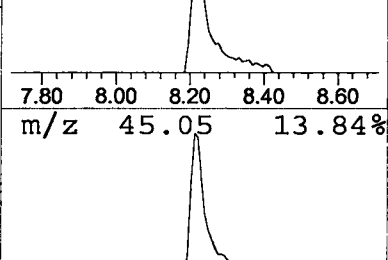
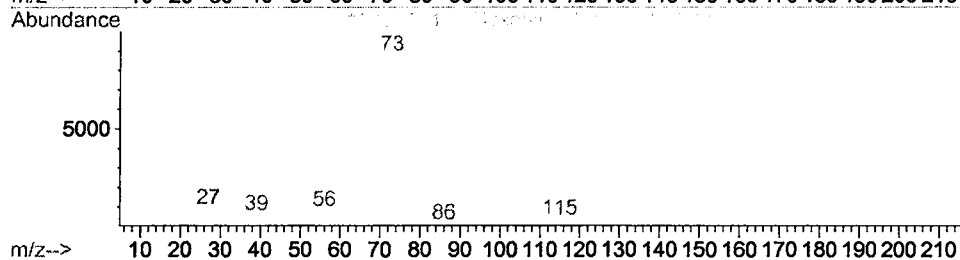
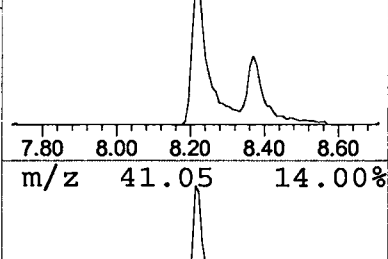
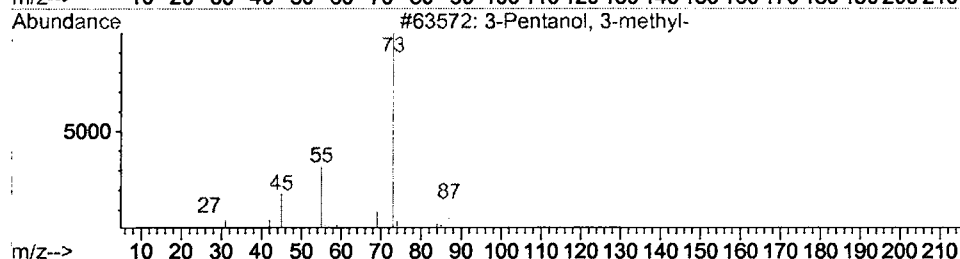
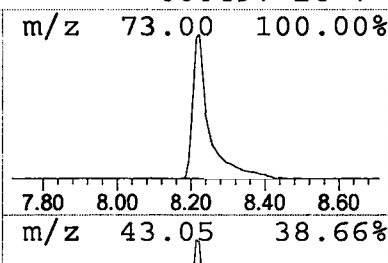
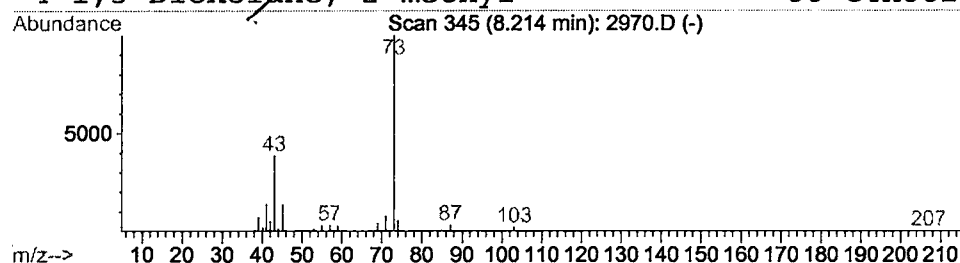
Vial: 34
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.21	2.27 ug/l	258270	1,4-Dichlorobenzene-d4	12.34

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
2		1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	23
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB0802\2970.D
 Acq On : 9 Feb 2002 5:23 pm
 Sample : GC/MS SCAN 2/7
 Misc :
 MS Integration Params: LSCINT.P

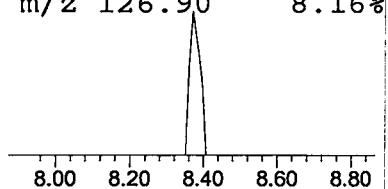
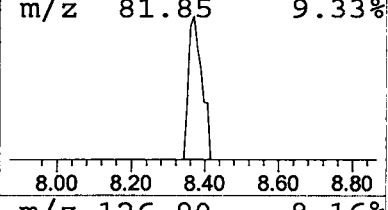
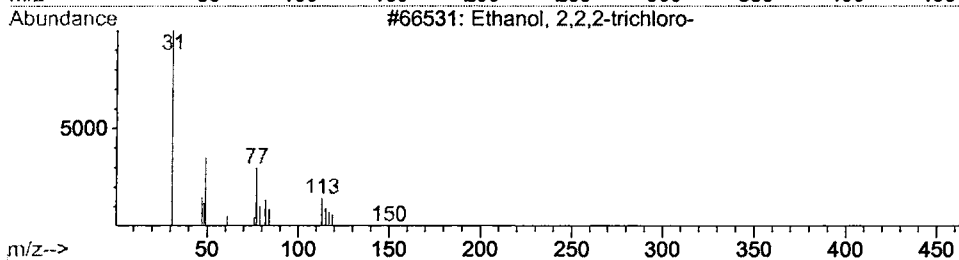
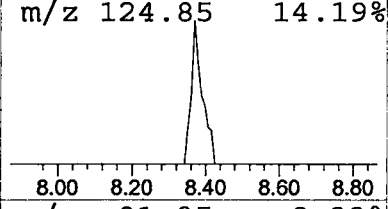
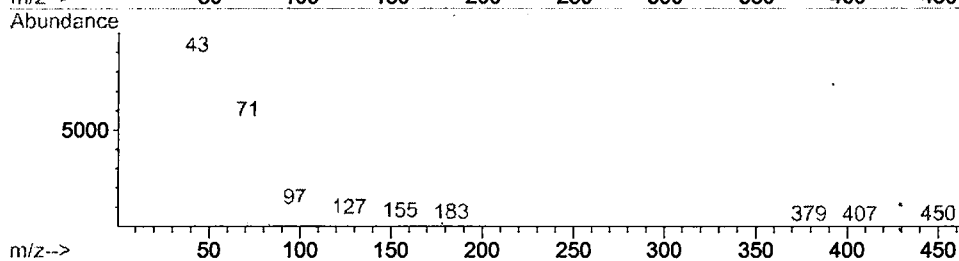
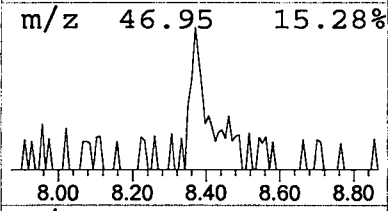
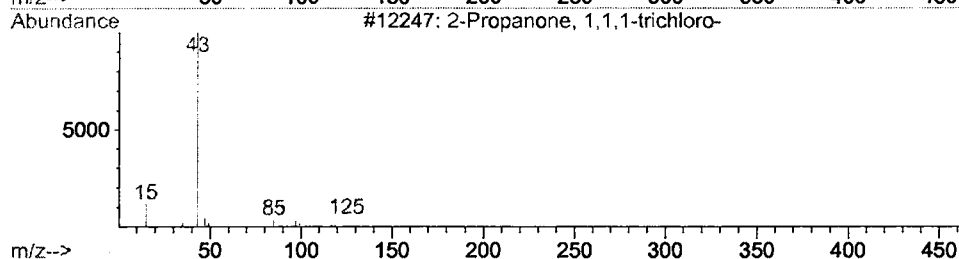
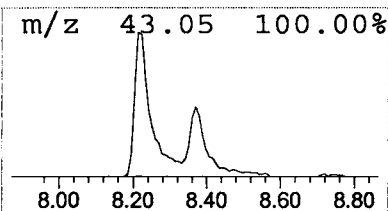
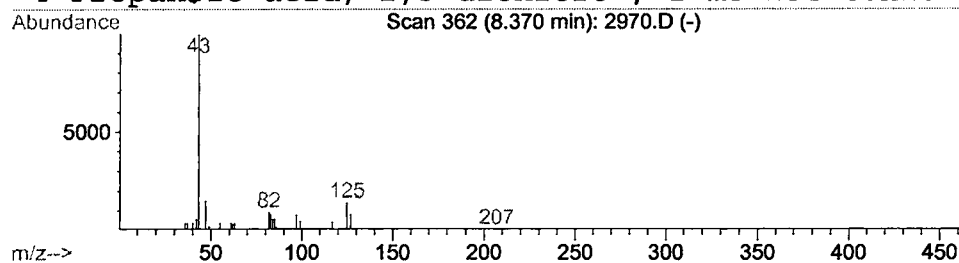
Vial: 34
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.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.
8.37	0.38 ug/l	43561	1,4-Dichlorobenzene-d4	12.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
2			Dotriacontane	451	C32H66	000544-85-4	9
3			Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4			Propanoic acid, 2,3-dichloro-, 1-me	184	C6H10Cl2O2	054774-99-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 9 Feb 2002 5:23 pm
Data File: C:\HPCHEM\1\DATA\FEB0802\2970.D
Name: GC/MS SCAN 2/7
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
3-Pentanol, 3-methyl	8.21	2.3	ug/l	258270	ISTD01	12.34	2272180	20.0
2-Propanone, 1,1,1-t	8.37	0.4	ug/l	43561	ISTD01	12.34	2272180	20.0

2970.D GCMS0208.M Wed Feb 13 11:10:45 2002