

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/13/2002 Time: 07:54:19

Sample: AD31459
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/13/02 07:53 Ended: 2/13/02 07:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AD31459 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-13-2002 Time: 07:54:29

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

The recoveries for 3 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D

Vial: 15

Acq On : 17 Jan 2002 1:19 am

Operator: 209 GALOS

Sample : gc/ms scan 12/27

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 7 8:59 2002

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Mon Jan 07 10:31:02 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	839083	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3272852	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.36	164	1645071	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.78	188	2283076	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1459762	20.00	ug/l	-0.04
44) Perylene-d12	36.87	264	998887	20.00	ug/l	-0.03

System Monitoring Compounds

37) 2,4-DDD	29.85	235	130575	4.98	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	99.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	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-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	15.16	128	501	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	20.72	165	383	N.D.	
25) Diethylphthalate	21.88	149	744	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

31459.D GCMS0103.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D
 Acq On : 17 Jan 2002 1:19 am
 Sample : gc/ms scan 12/27
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 7 8:59 2002

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon Jan 07 10:31:02 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0103

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	24.78	178	883	N.D.		
34) Anthracene	24.78	178	883	N.D.		
35) Di-n-butylphthalate	26.80	149	32463	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	32.80	228	3701	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.10	149	2755	N.D.		
43) Chrysene	32.80	228	3701	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	36.87	252	4166	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

31459.D GCMS0103.M

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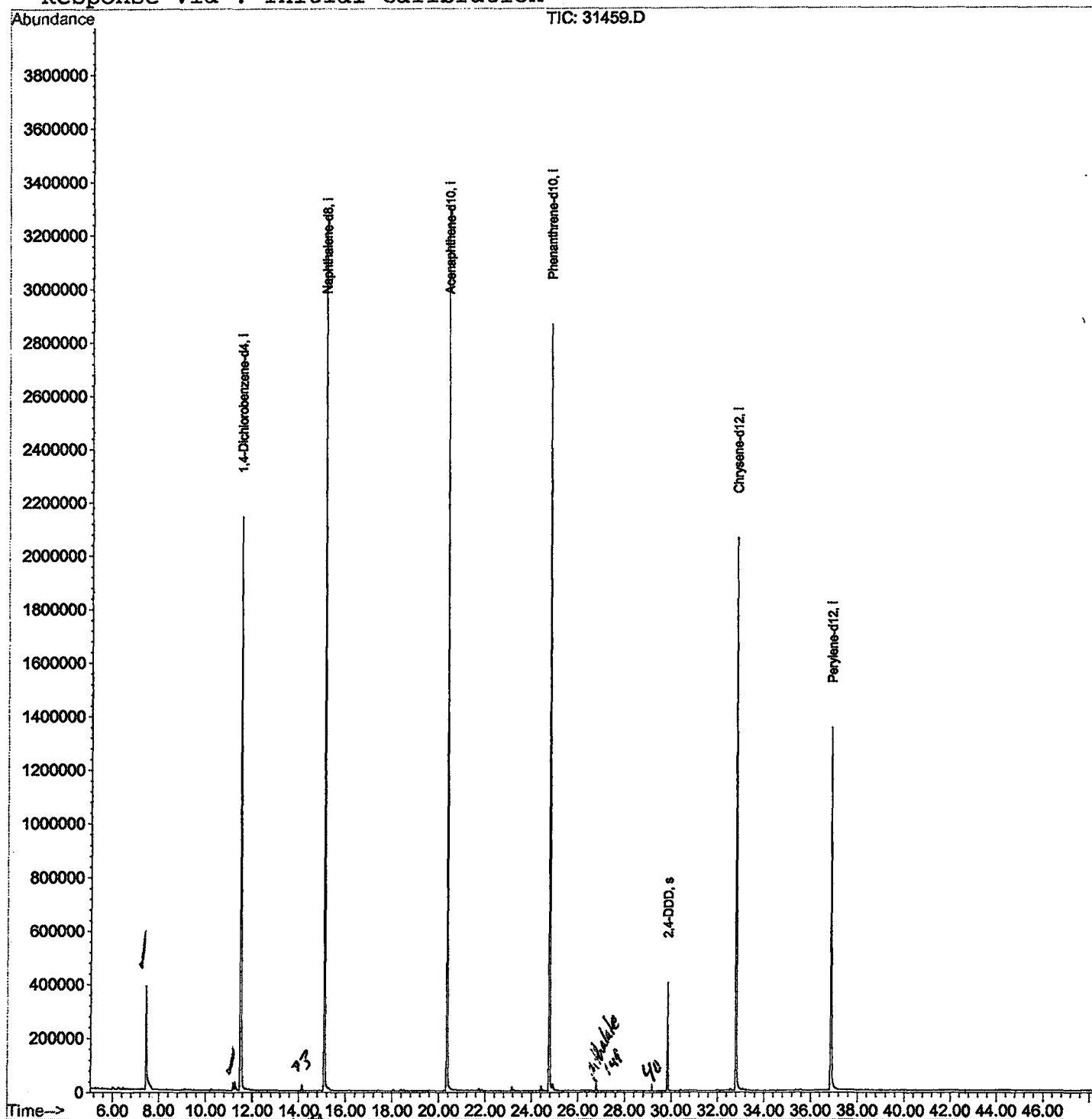
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D
 Acq On : 17 Jan 2002 1:19 am
 Sample : gc/ms scan 12/27
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 7 8:59 2002

Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Mon Jan 07 10:31:02 2002
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D

Acq On : 17 Jan 2002 1:19 am

Sample : gc/ms scan 12/27

Misc :

MS Integration Params: LSCINT.P

Vial: 15

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0103.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	7.444	257	261	294	rBV	383990	1132137	16.30%	3.146%
2	11.272	674	678	692	rVB	30845	87931	1.27%	0.244%
3	11.502	698	703	723	rBV	2137910	5420830	78.06%	15.063%
4	15.091	1089	1094	1113	rBV	3265793	6711293	96.64%	18.649%
5	20.361	1661	1668	1688	rBV	3305411	6944360	100.00%	19.297%
6	24.776	2142	2149	2160	rBV2	2862600	6429424	92.58%	17.866%
7	29.853	2696	2702	2710	rBV	400635	824356	11.87%	2.291%
8	32.800	3017	3023	3040	rBV2	2058203	4708432	67.80%	13.083%
9	36.867	3458	3466	3485	rBV2	1347099	3728794	53.70%	10.361%

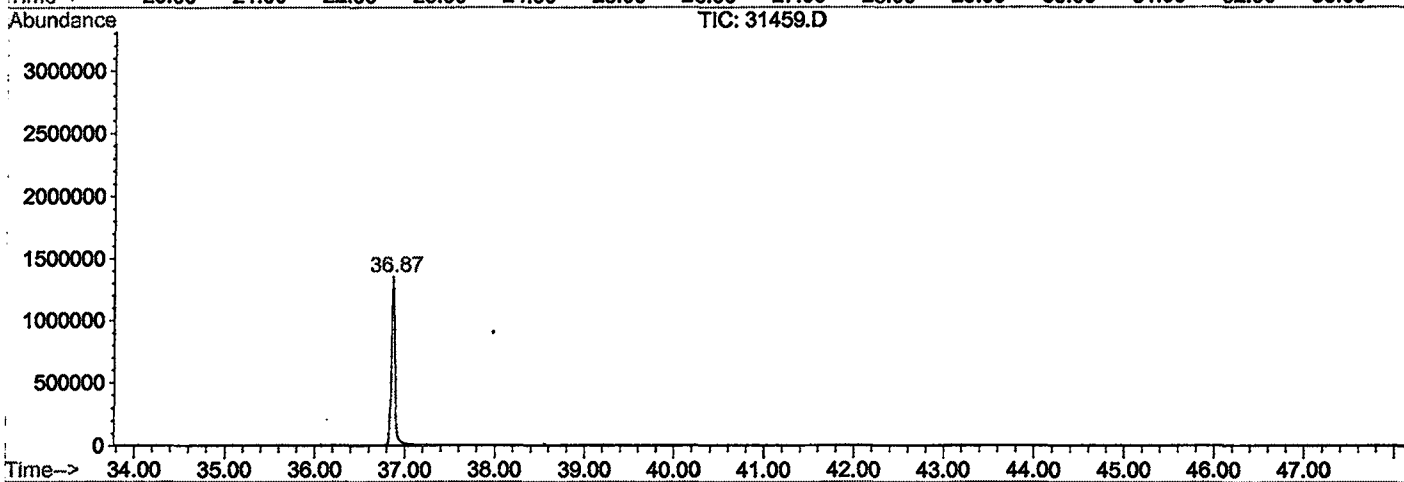
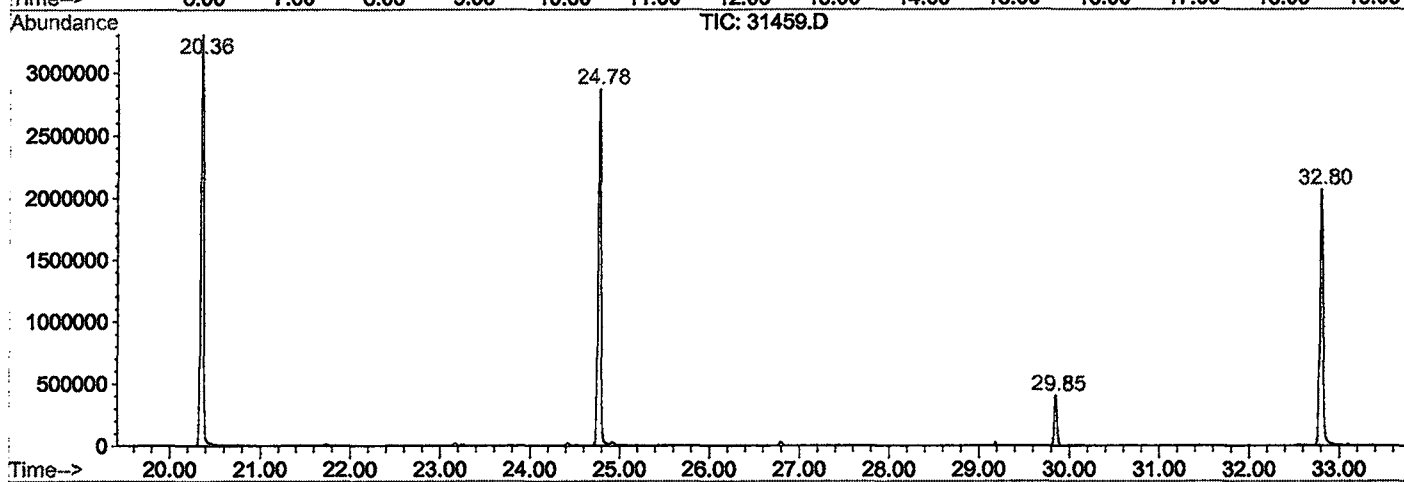
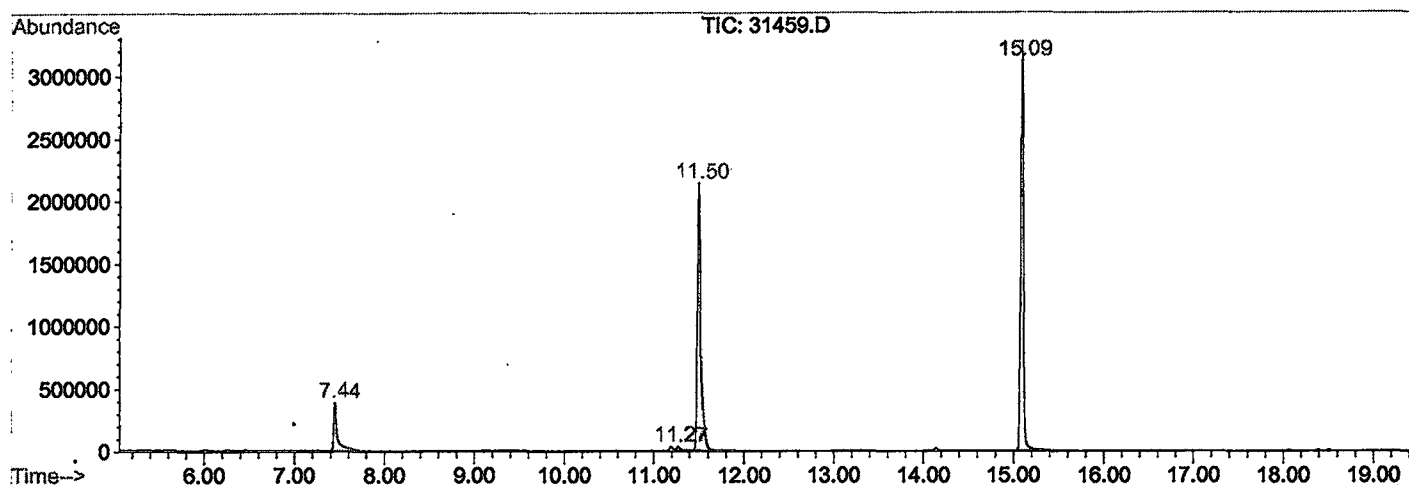
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31459.D GCMS0103.M

Thu Feb 07 09:30:03 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1602\31459.D
Operator : 209 GALOS
Acquired : 17 Jan 2002 1:19 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/27
Misc Info :
Vial Number: 15
Quant File :GCMS0103.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D
Acq On : 17 Jan 2002 1:19 am
Sample : gc/ms scan 12/27
Misc :
MS Integration Params: LSCINT.P

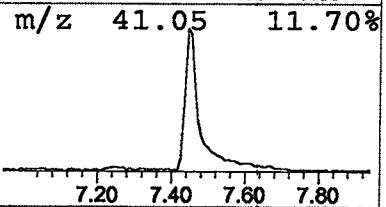
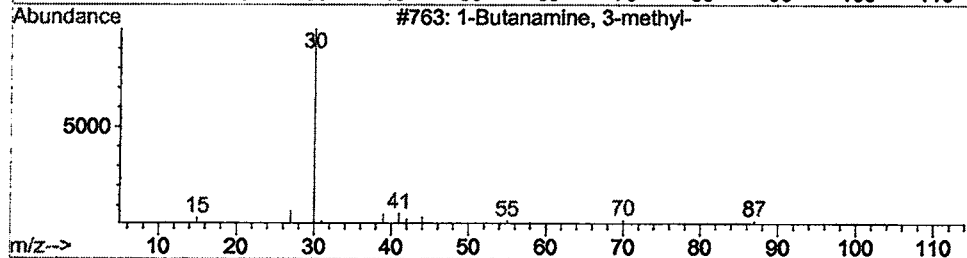
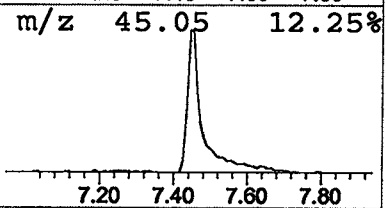
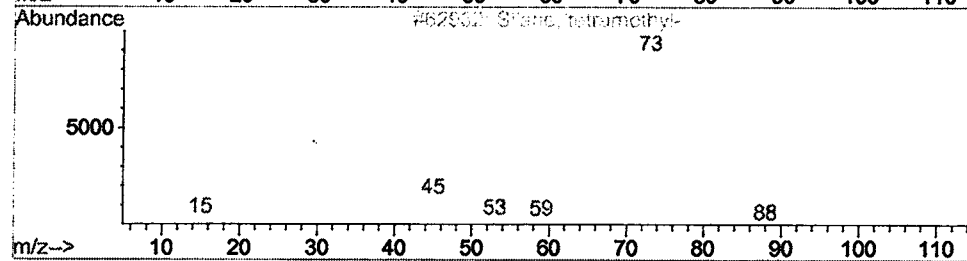
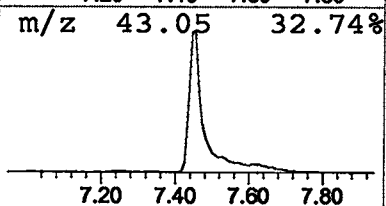
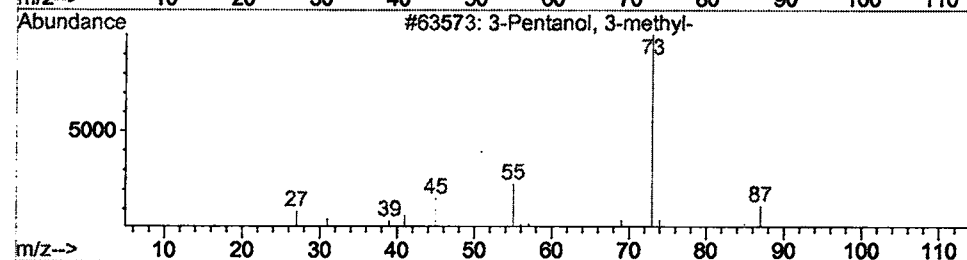
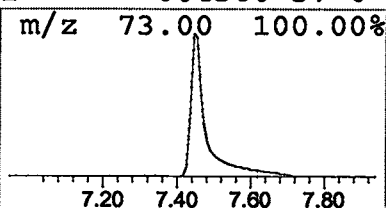
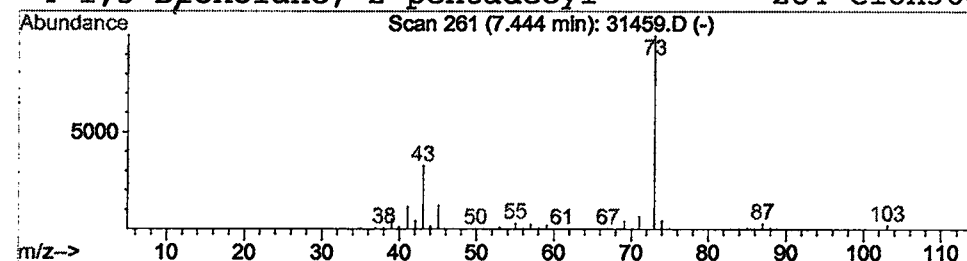
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.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.
7.44	4.18 ug/l	1132140	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4			1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1602\31459.D
 Acq On : 17 Jan 2002 1:19 am
 Sample : gc/ms scan 12/27
 Misc :
 MS Integration Params: LSCINT.P

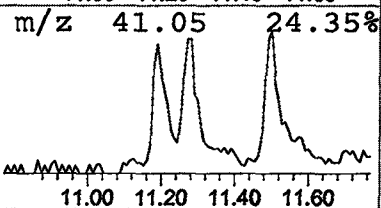
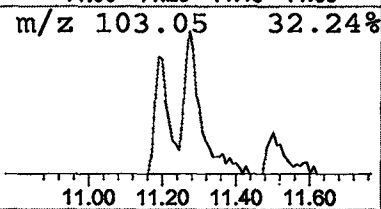
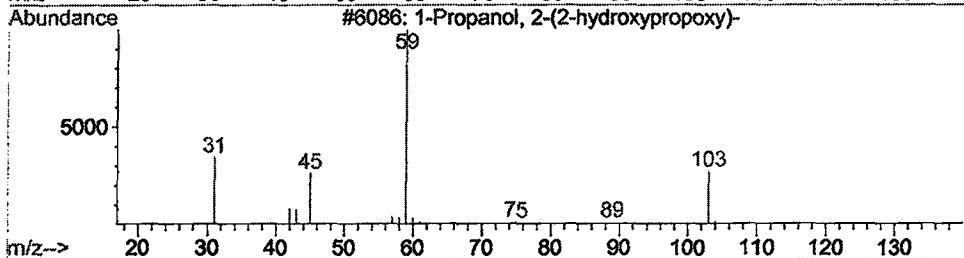
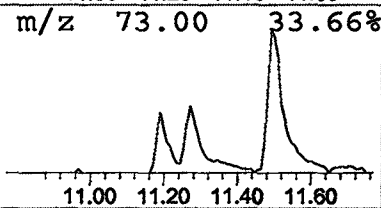
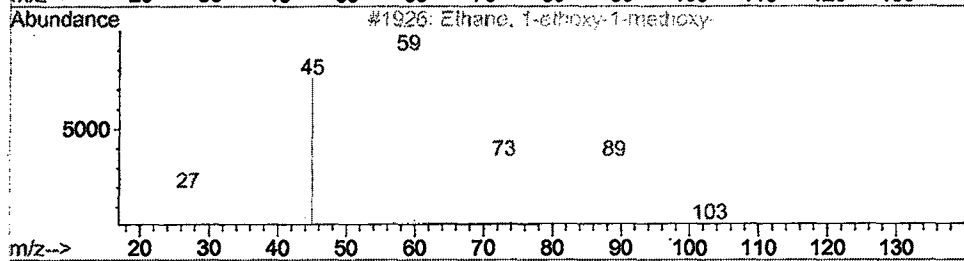
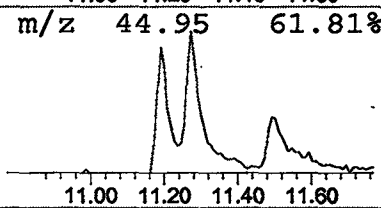
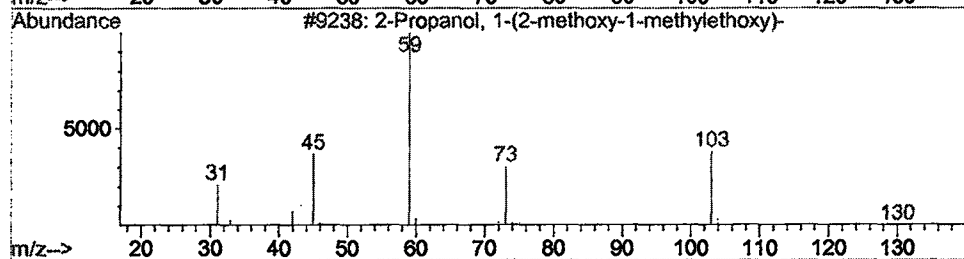
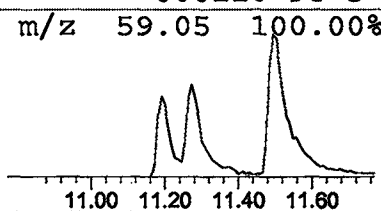
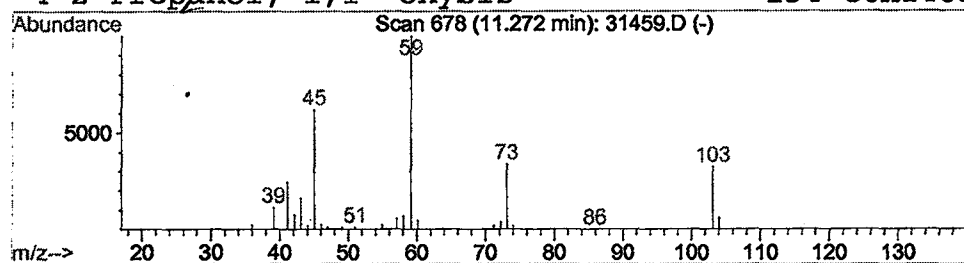
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	0.32 ug/l	87931	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
2			Ethane, 1-ethoxy-1-methoxy-	104	C5H12O2	010471-14-4	50
3			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	42
4			2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Jan 2002 1:19 am
Data File: C:\HPCHEM\1\DATA\JAN1602\31459.D
Name: gc/ms scan 12/27
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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	7.44	4.2	ug/l	1132140	ISTD01	11.50	5420830	20.0
2-Propanol, 1 -(2-met	11.27	0.3	ug/l	87931	ISTD01	11.50	5420830	20.0

31459.D GCMS0103.M Thu Feb 07 09:30:23 2002