

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 02/15/2002 Time: 14:58:36

Sample: AD31432
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 2/15/02 14:57 Ended: 2/15/02 14:57 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AD31432 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-15-2002 Time: 14:59:24

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

The recoveries for 15 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\31432.D
 Acq On : 19 Jan 2002 12:24 am
 Sample : gc/ms scan 12/31
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 6 15:19 2002

Vial: 10
 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 : Thu Dec 13 14:40:46 2001
 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	846941	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3319189	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1647668	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2321315	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1485348	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	920225	20.00	ug/l	-0.03

System Monitoring Compounds

37) 2,4-DDD	29.85	235	136790	5.13	ug/mL	-0.22
Spiked Amount	5.000		Recovery	=	102.60%	

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	15.15	128	1120	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	21.88	149	4947	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

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Quantitation Report

(QT Reviewed)

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Vial: 10

Acq On : 19 Jan 2002 12:24 am

Operator: 209 GALOS

Sample : gc/ms scan 12/31

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Feb 6 15:19 2002

Quant Results File: GCMS0103.RES

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

Title : 209 625/TCLP calibration table

Last Update : Thu Dec 13 14:40:46 2001

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	24.83	178	239	N.D.		
34) Anthracene	24.83	178	239	N.D.		
35) Di-n-butylphthalate	26.80	149	11249	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	3749	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.10	149	4655	N.D.		
43) Chrysene	32.80	228	3749	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	35.87	252	812	N.D.		
47) Benzo(k)fluoranthene	35.87	252	259	N.D.		
48) Benzo(a)pyrene	36.86	252	4127	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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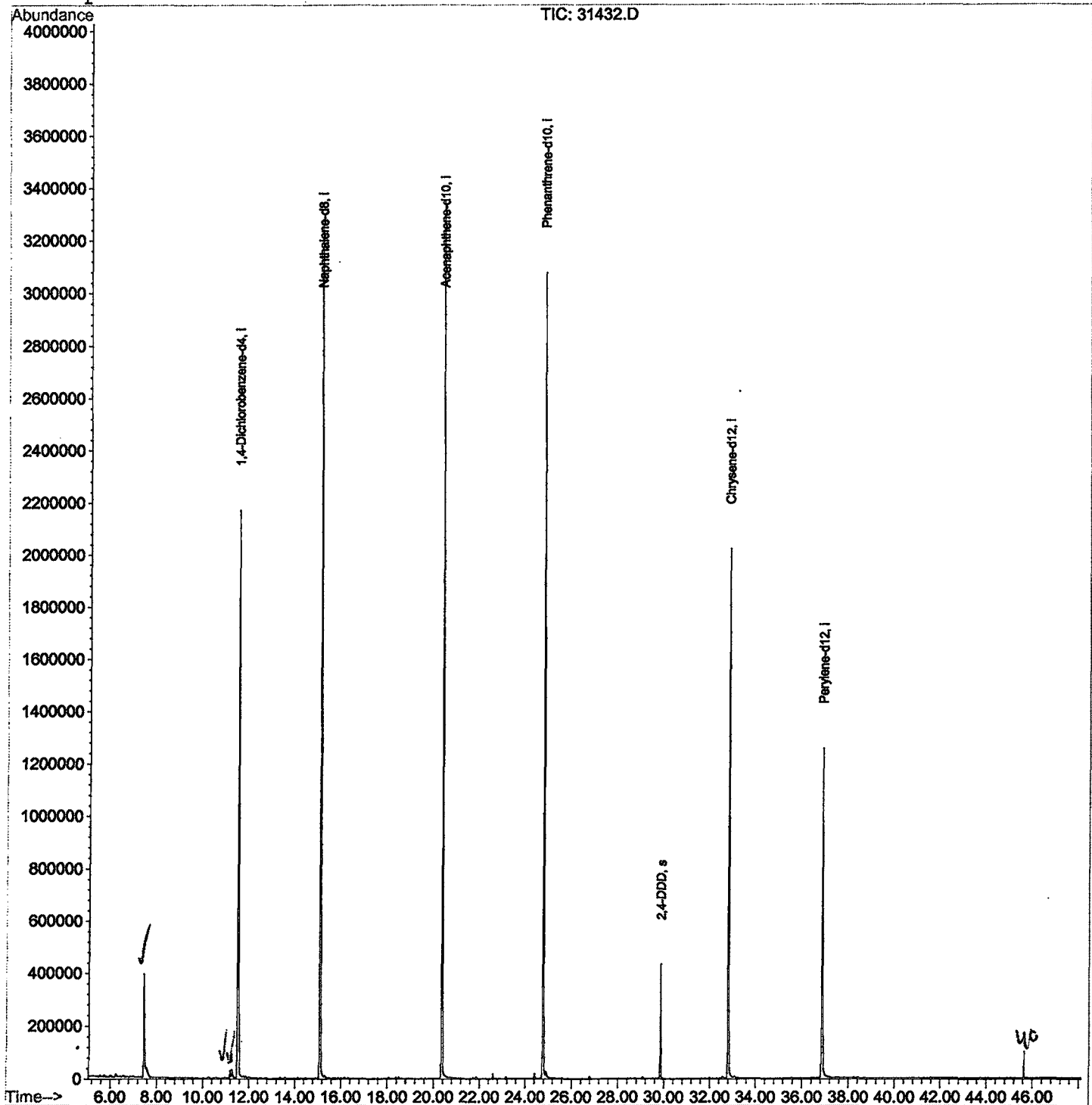
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31432.D
Acq On : 19 Jan 2002 12:24 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:19 2002

Vial: 10
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\JAN1802\31432.D

Acq On : 19 Jan 2002 12:24 am

Sample : gc/ms scan 12/31

Misc :

MS Integration Params: LSCINT.P

Vial: 10

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

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	7.447	258	262	276	rBV	391142	1049221	15.11%	2.904%
2	11.192	666	670	675	rBV	28871	73441	1.06%	0.203%
3	11.266	675	678	687	rVB	29766	79299	1.14%	0.219%
4	11.495	698	703	724	rBV	2167814	5533794	79.69%	15.317%
5	15.094	1089	1095	1114	rBV	3238032	6823552	98.26%	18.887%
6	20.354	1662	1668	1680	rBV	3353520	6944388	100.00%	19.222%
7	24.770	2142	2149	2160	rBV2	3075788	6532203	94.06%	18.081%
8	29.847	2697	2702	2708	rBV	432015	850590	12.25%	2.354%
9	32.803	3017	3024	3039	rBV2	2021285	4796906	69.08%	13.278%
10	36.861	3459	3466	3491	rBV2	1253132	3444102	49.60%	9.533%

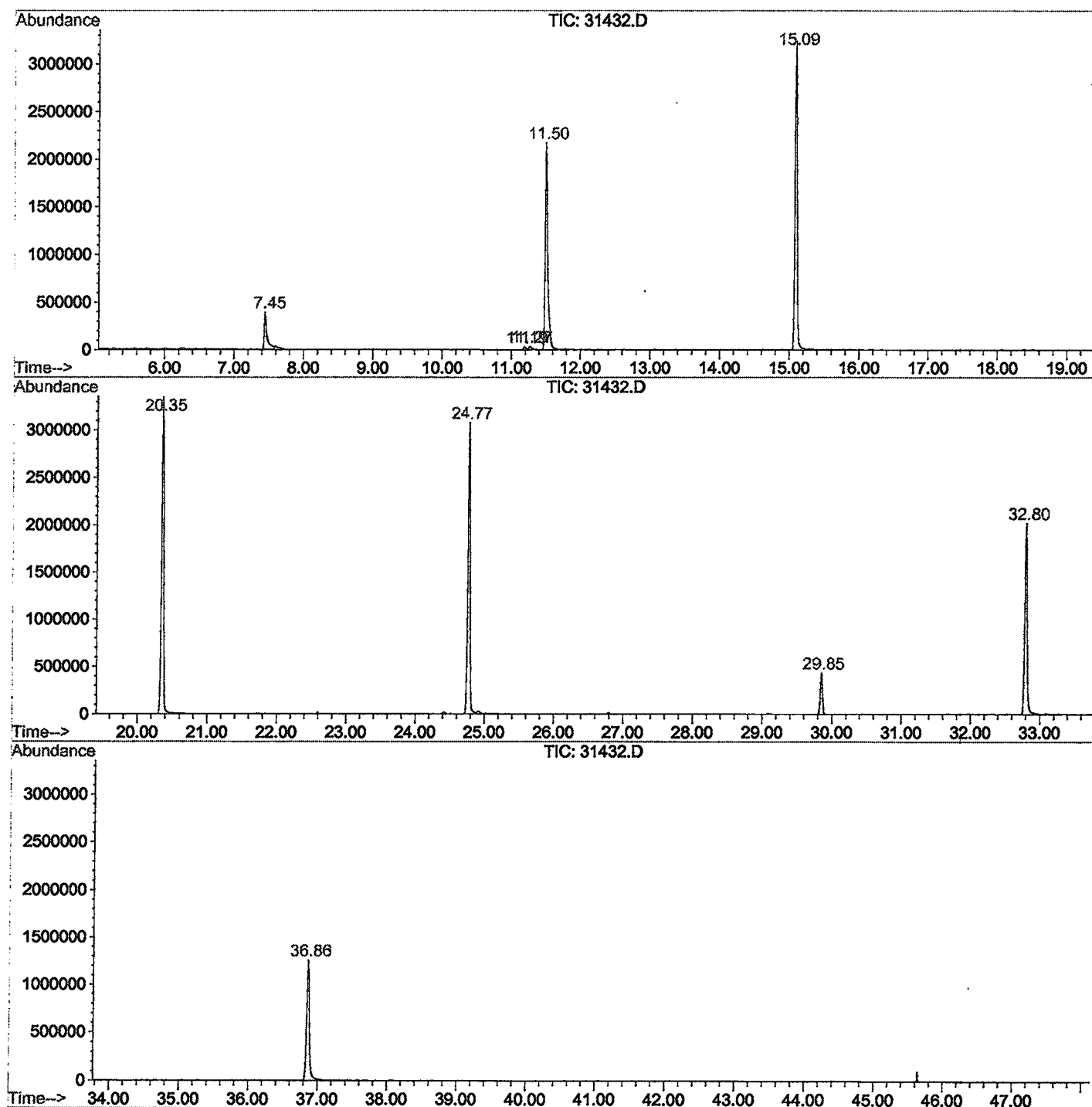
Sum of corrected areas: 36127496

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Wed Feb 06 15:31:33 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31432.D
Operator : 209 GALOS
Acquired : 19 Jan 2002 12:24 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 10
Quant File :GCMS0103.RES (RTE Integrator)



31432.D GCMS0103.M

Wed Feb 06 15:31:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31432.D
Acq On : 19 Jan 2002 12:24 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

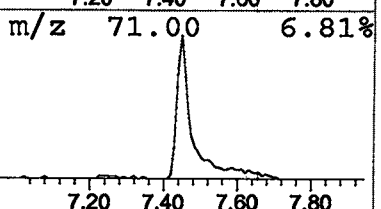
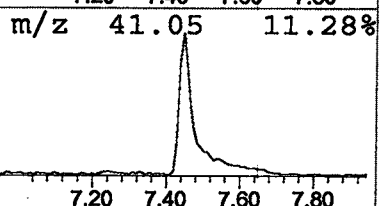
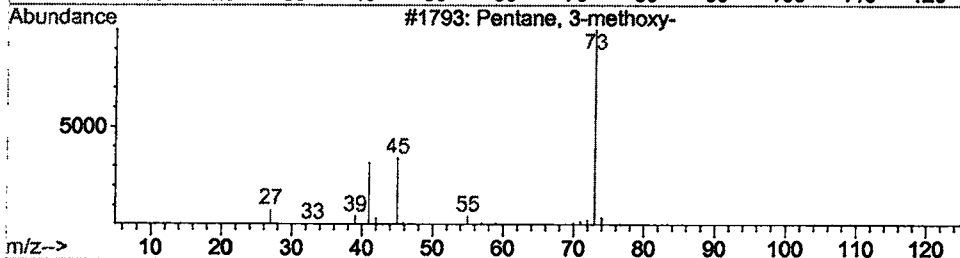
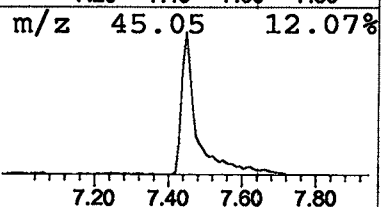
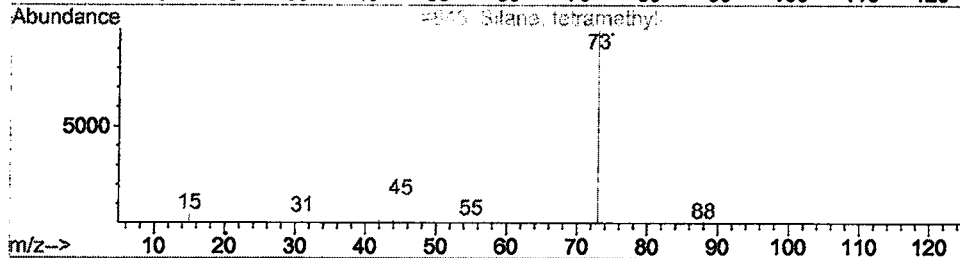
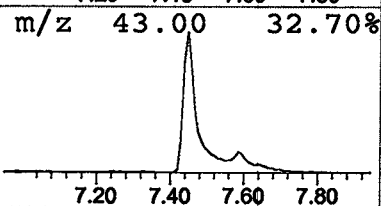
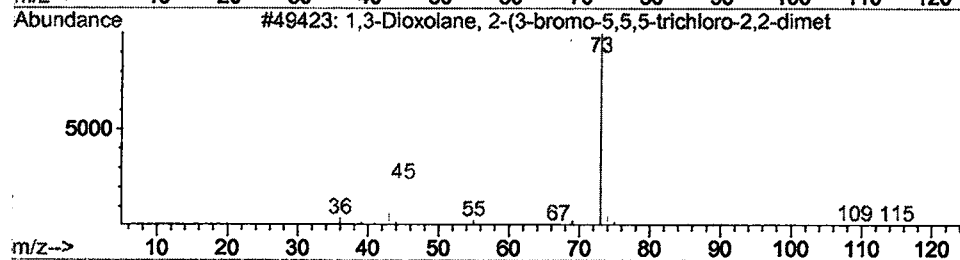
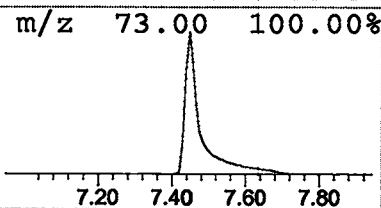
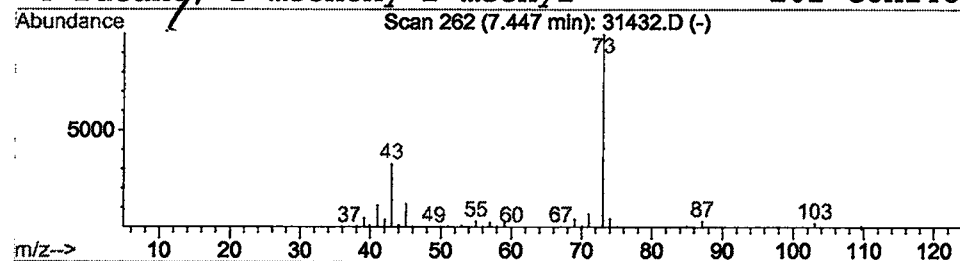
Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 1 1,3-Dioxolane, 2-(3-bromo-5,5, Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.79 ug/l	1049220	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

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Acq On : 19 Jan 2002 12:24 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

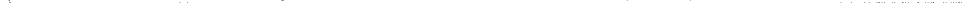
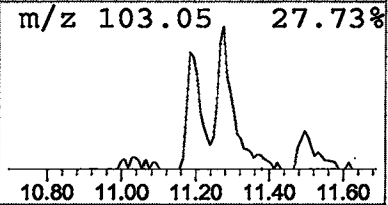
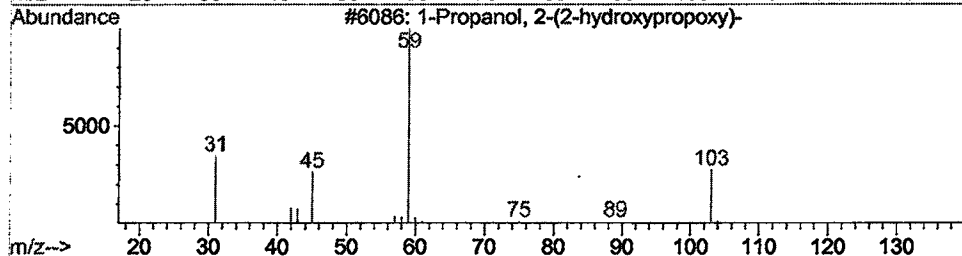
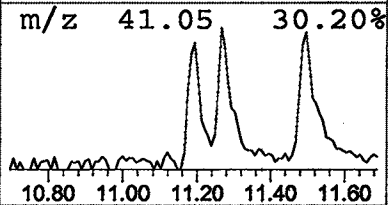
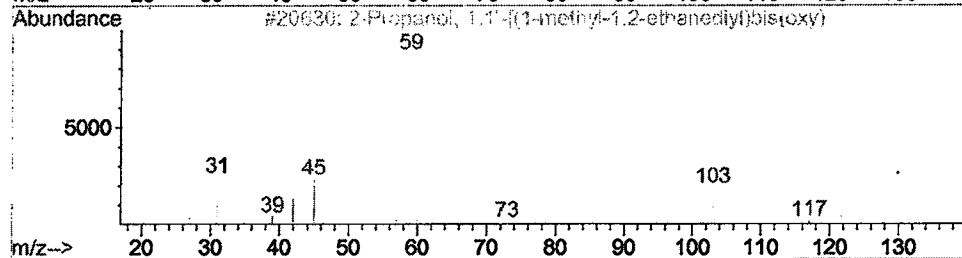
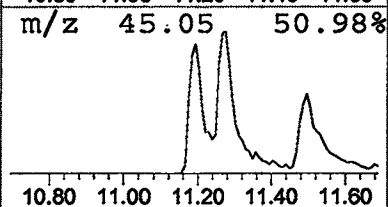
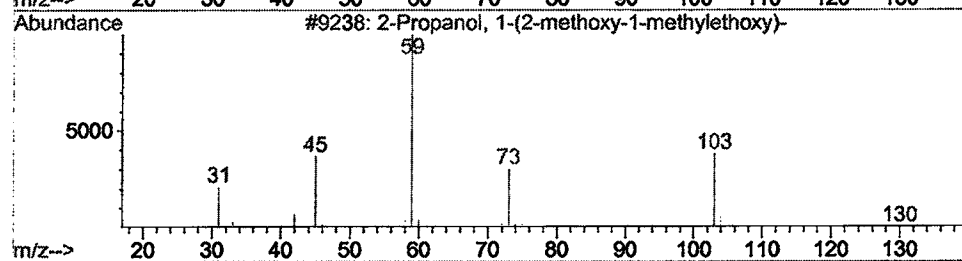
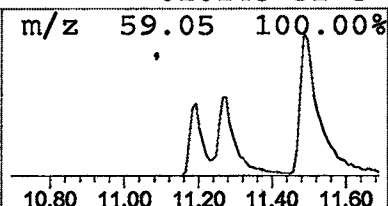
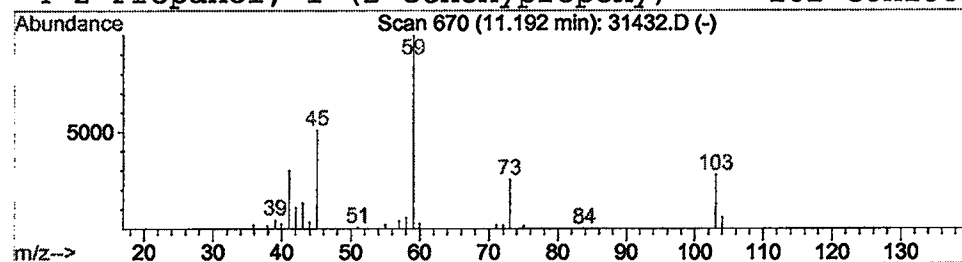
Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	0.27 ug/l	73441	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	72
2			2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50
3			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4			2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	40



Library Search Compound Report

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 Acq On : 19 Jan 2002 12:24 am
 Sample : gc/ms scan 12/31
 Misc :
 MS Integration Params: LSCINT.P

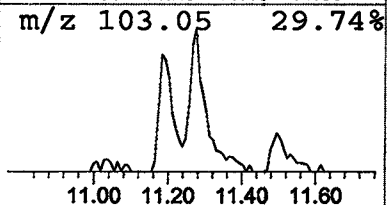
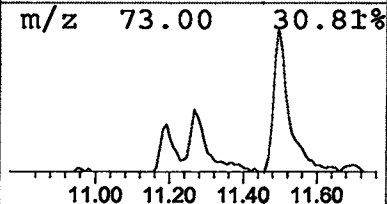
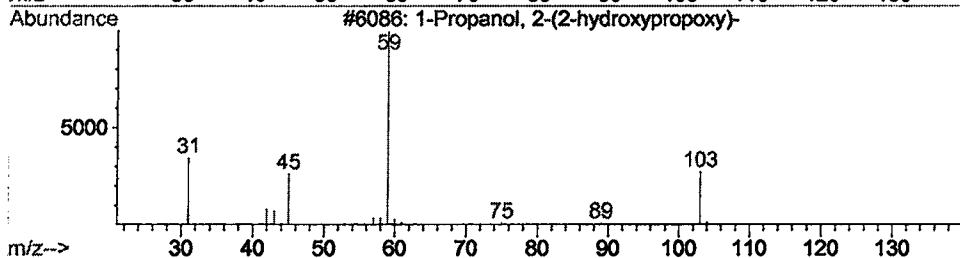
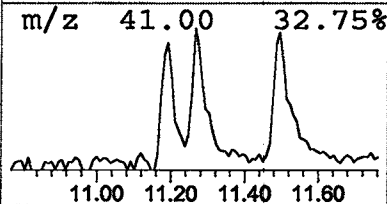
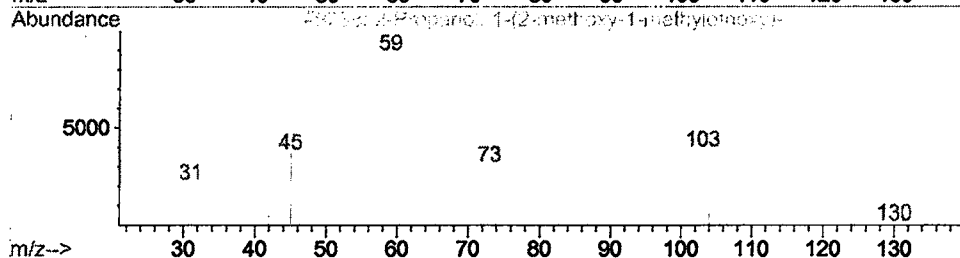
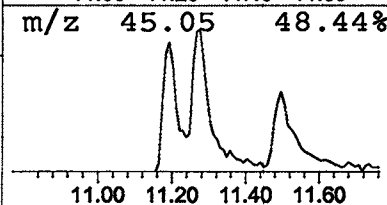
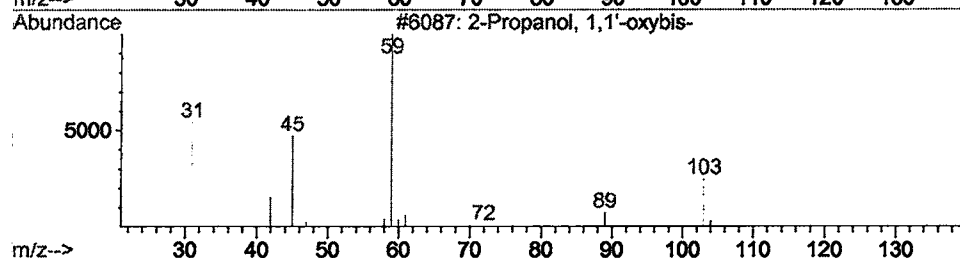
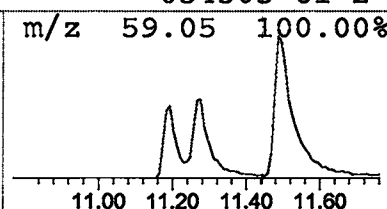
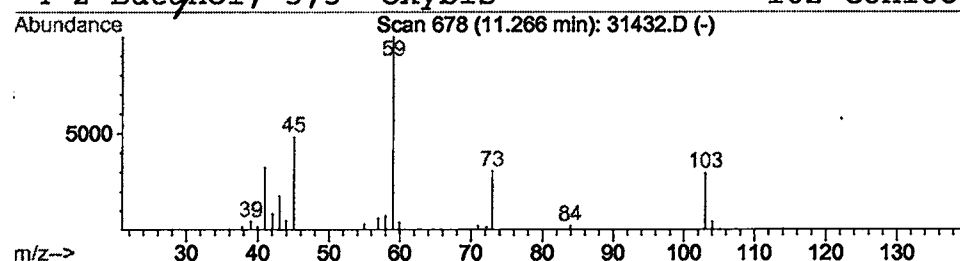
Vial: 10
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

 Peak Number 3 2-Propanol, 1,1'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	0.29 ug/l	79299	1,4-Dichlorobenzene-d4	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
2			2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
3			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Jan 2002 12:24 am
 Data File: C:\HPCHEM\1\DATA\JAN1802\31432.D
 Name: gc/ms scan 12/31
 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
1,3-Dioxolane, 2-(3-	7.45	3.8	ug/l	1049220	ISTD01	11.50	5533790	20.0
2-Propanol, 1-(2-met	11.19	0.3	ug/l	73441	ISTD01	11.50	5533790	20.0
2-Propanol, 1,1'-oxy	11.27	0.3	ug/l	79299	ISTD01	11.50	5533790	20.0

31432.D GCMS0103.M Wed Feb 06 15:31:59 2002