

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:20:29

Sample: AD29299
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:19 Ended: 1/4/02 12:19 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		122		5.0

Comments for Sample AD29299 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 12:20:49

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

The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D

Vial: 29

Acq On : 13 Dec 2001 5:18 am

Operator: 209 GALOS

Sample : gc/ms scan 12/5

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 10:42 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	1011928	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3870440	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1925332	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2787547	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1707585	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1118898	20.00	ug/l	-0.02

System Monitoring Compounds

37) 2,4-DDD	30.05	235	201620	6.08	ug/mL	-0.02
Spiked Amount	5.000		Recovery	=	121.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	5.21	74	358	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	13.04	77	397	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	15.33	128	1446	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	21.17	165	354	N.D.	
25) Diethylphthalate	22.11	149	461	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

29299.D GCMS1126.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D

Vial: 29

Acq On : 13 Dec 2001 5:18 am

Operator: 209 GALOS

Sample : gc/ms scan 12/5

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 10:42 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Wed Nov 28 15:06:24 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

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	24.97	178	1107	N.D.		
34) Anthracene	24.97	178	1107	N.D.		
35) Di-n-butylphthalate	26.99	149	6050	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	33.00	228	4449	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.29	149	9841	N.D.		
43) Chrysene	33.00	228	4449	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	37.10	252	4781	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

29299.D GCMS1126.M

Fri Dec 21 12:54:37 2001

Page 2

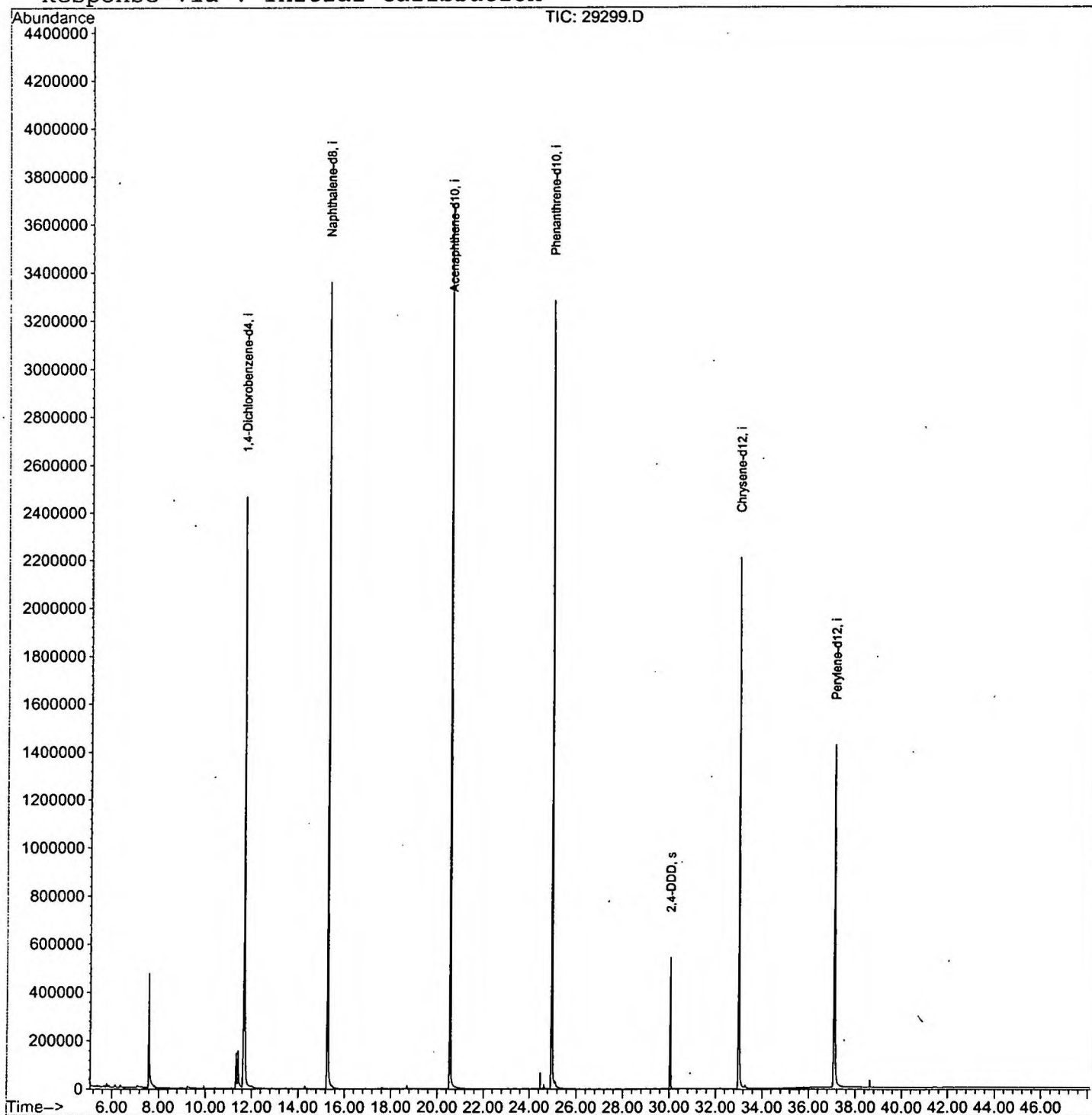
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D
 Acq On : 13 Dec 2001 5:18 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 20 10:42 2001

Vial: 29
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri Dec 14 12:19:30 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D

Vial: 29

Acq On : 13 Dec 2001 5:18 am

Operator: 209 GALOS

Sample : gc/ms scan 12/5

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.593	274	278	302	rBV	474308	1195257	14.83%	2.874%
2	11.338	682	686	691	rBV	145899	312940	3.88%	0.752%
3	11.412	691	694	714	rVB	154448	441323	5.48%	1.061%
4	11.669	714	722	746	rBV2	2461301	6132290	76.09%	14.743%
5	15.276	1109	1115	1134	rBV	3359704	7340528	91.08%	17.648%
6	20.555	1683	1690	1711	rBV	3686364	8059518	100.00%	19.376%
7	24.971	2165	2171	2184	rBV2	3283285	7430872	92.20%	17.865%
8	25.118	2184	2187	2195	rVB	25732	83762	1.04%	0.201%
9	30.048	2719	2724	2735	rBV	544681	1109558	13.77%	2.668%
10	33.004	3040	3046	3073	rBV2	2210332	5397022	66.96%	12.975%
11	37.098	3485	3492	3515	rBV2	1422475	4091761	50.77%	9.837%

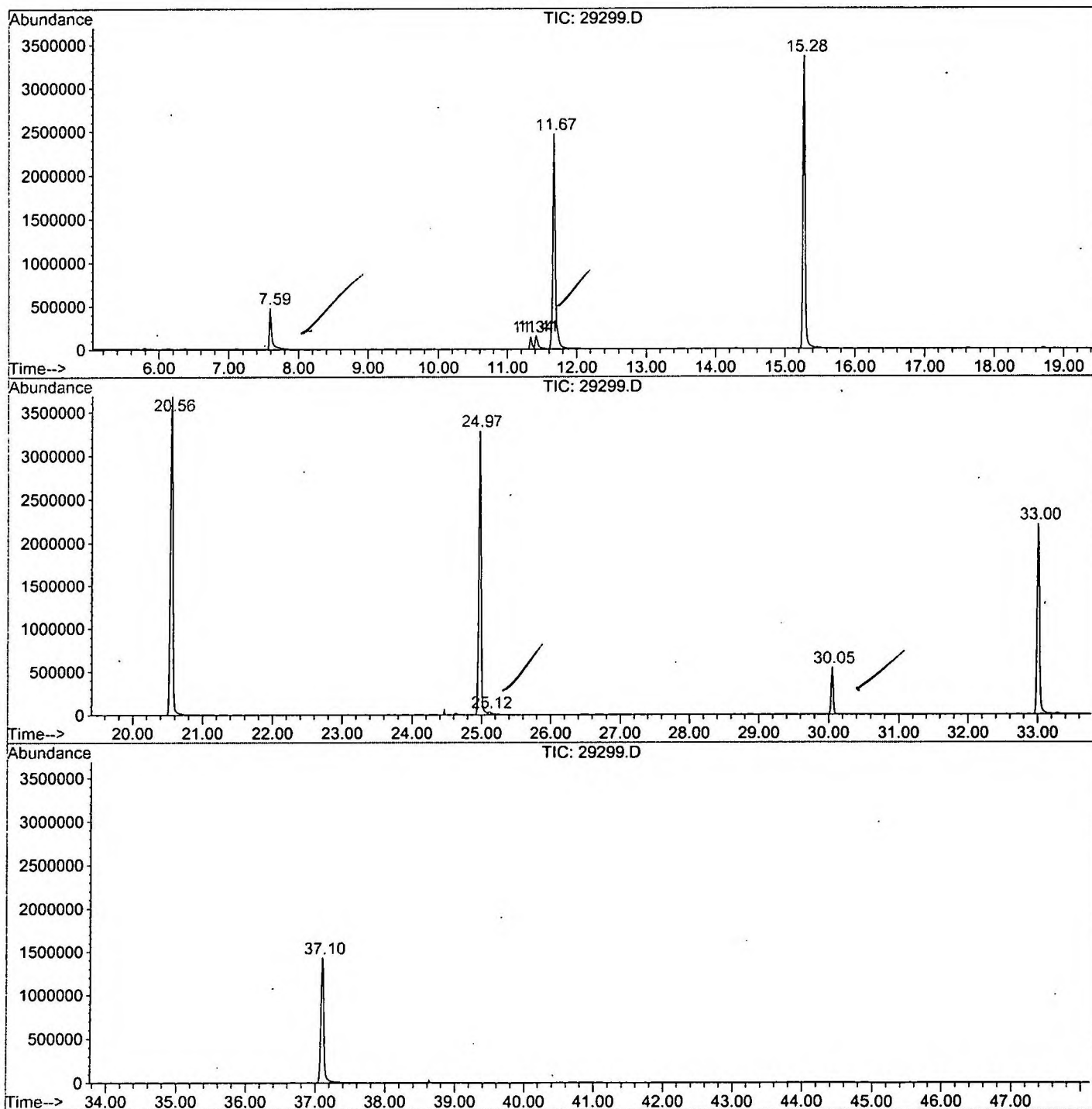
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29299.D GCMS1126.M

Fri Dec 21 12:21:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29299.D
 Operator : 209 GALOS
 Acquired : 13 Dec 2001 5:18 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 12/5
 Misc Info :
 Vial Number: 29
 Quant File :GCMS1126.RES (RTE Integrator)



29299.D GCMS1126.M

Fri Dec 21 12:21:52 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D
 Acq On : 13 Dec 2001 5:18 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: LSCINT.P

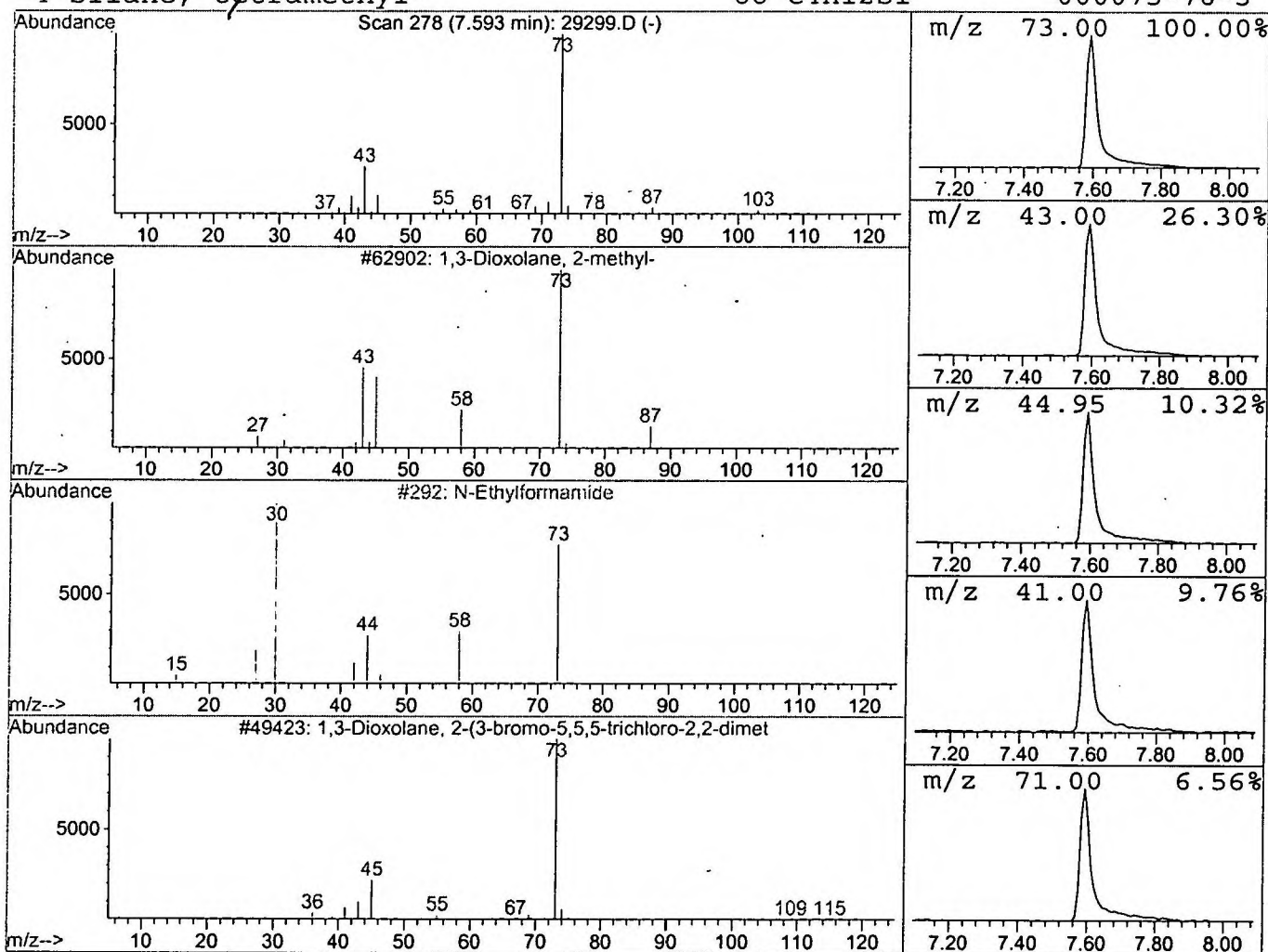
Vial: 29
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.90 ug/l	1195260	1,4-Dichlorobenzene-d4	11.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D
 Acq On : 13 Dec 2001 5:18 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: LSCINT.P

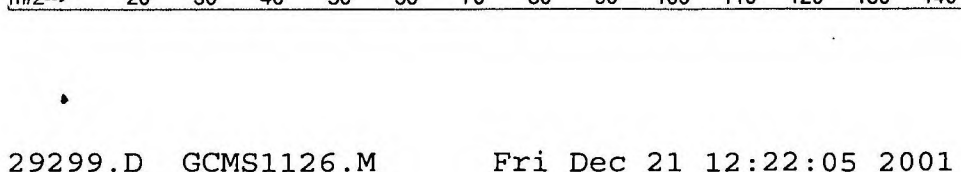
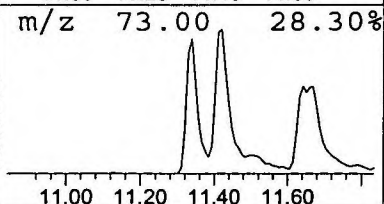
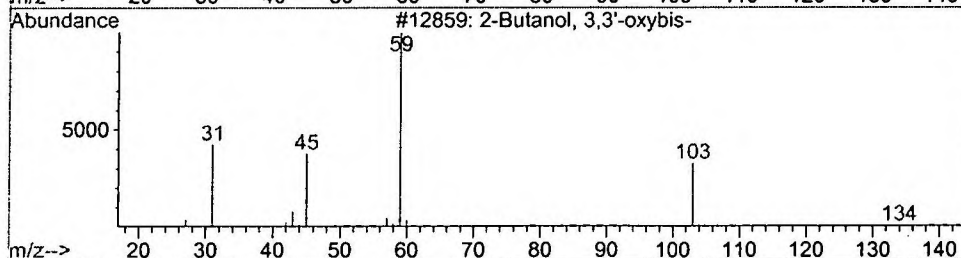
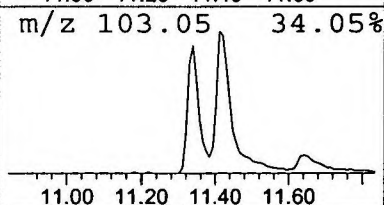
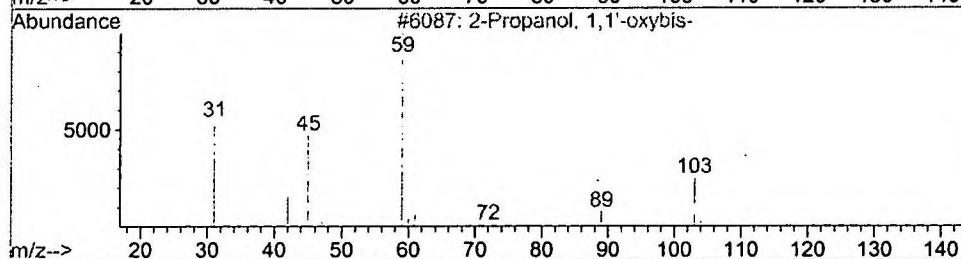
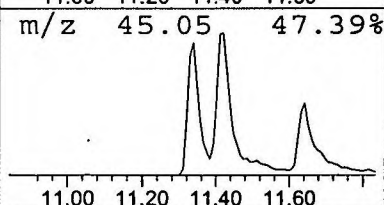
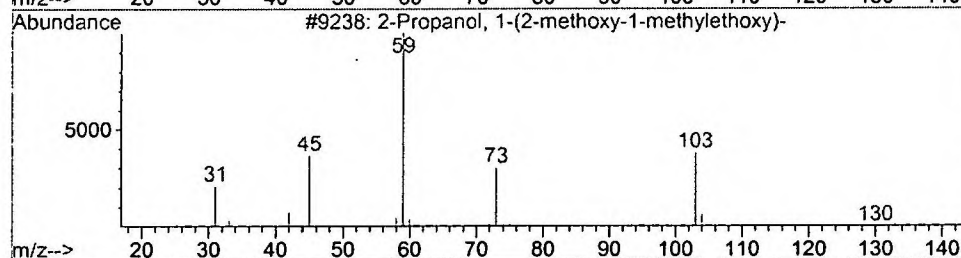
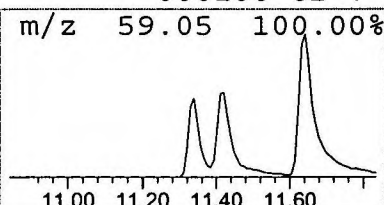
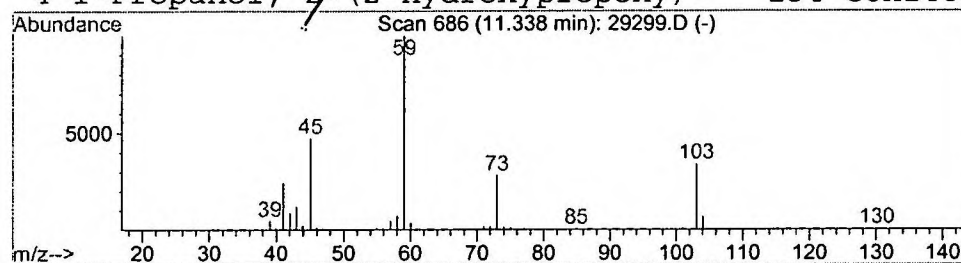
Vial: 29
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.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.
11.34	1.02 ug/l	312940	1,4-Dichlorobenzene-d4	11.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2			2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
4			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29299.D
 Acq On : 13 Dec 2001 5:18 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: LSCINT.P

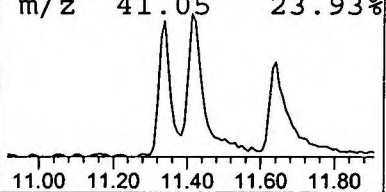
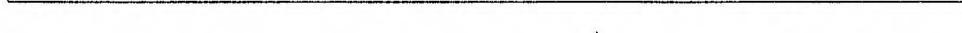
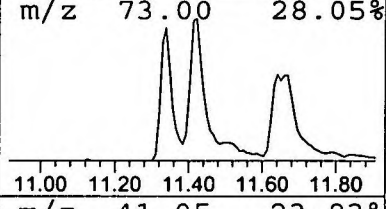
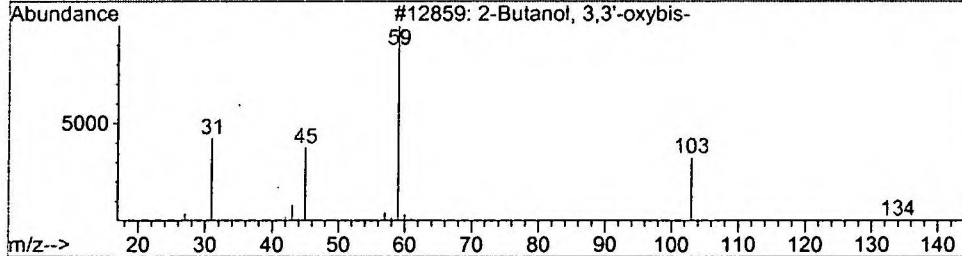
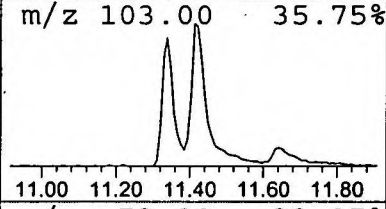
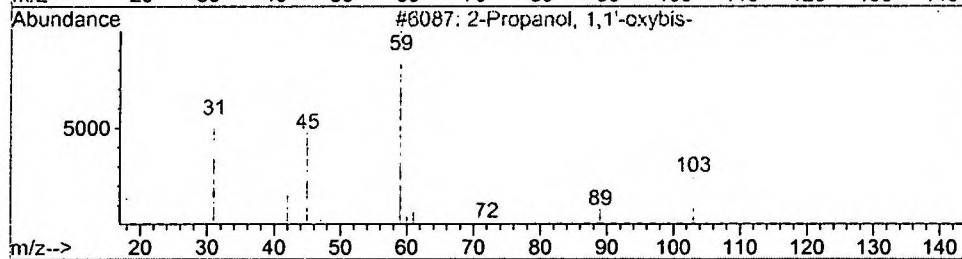
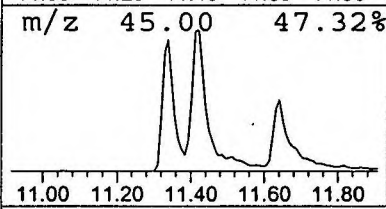
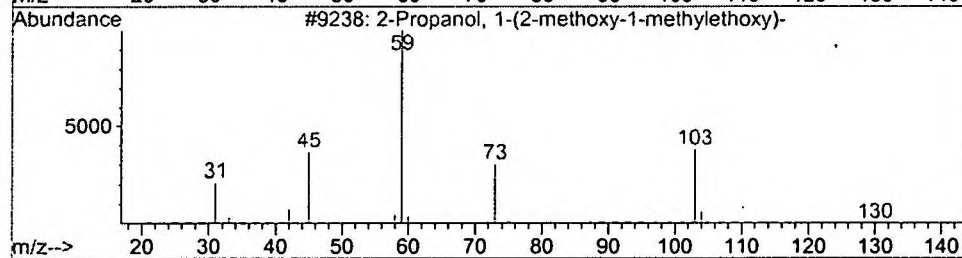
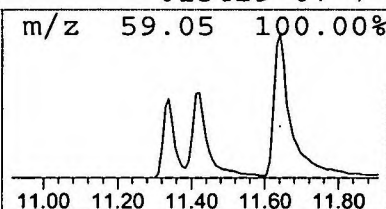
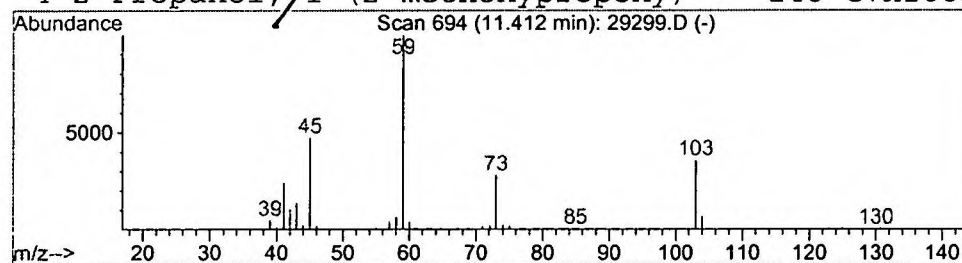
Vial: 29
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.44 ug/l	441323	1,4-Dichlorobenzene-d4	11.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	90
2			2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4			2-Propanol, 1-(2-methoxypropoxy) -	148	C7H16O3	013429-07-7	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 5:18 am
Data File: C:\HPCHEM\1\DATA\DEC1201\29299.D
Name: gc/ms scan 12/5
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.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-met	7.59	3.9	ug/l	1195260	ISTD01	11.67	6132290	20.0
2-Propanol, 1-(2-met	11.34	1.0	ug/l	312940	ISTD01	11.67	6132290	20.0
2-Propanol, 1-(2-met	11.41	1.4	ug/l	441323	ISTD01	11.67	6132290	20.0

29299.D GCMS1126.M Fri Dec 21 12:22:10 2001