

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:19:00

Sample: AD29297
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:18 Ended: 1/4/02 12:18 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD29297 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-04-2002 Time: 12:19:12

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\29297.D
 Acq On : 13 Dec 2001 12:26 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 20 10:38 2001

Vial: 23
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	875304	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3340596	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1686480	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2383785	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1545053	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1050727	20.00	ug/l	-0.02

System Monitoring Compounds

37) 2,4-DDD	30.05	235	128001	4.51	ug/mL	-0.02
Spiked Amount	5.000		Recovery	=	90.20%	

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	13.10	77	104	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	999	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	21.41	165	101	N.D.
25) Diethylphthalate	22.10	149	362	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

29297.D GCMS1126.M Fri Dec 21 12:51:17 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29297.D

Vial: 23

Acq On : 13 Dec 2001 12:26 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 10:38 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	25.04	178	284	N.D.		
34) Anthracene	25.04	178	284	N.D.		
35) Di-n-butylphthalate	26.99	149	2924	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	33.01	228	3681	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.29	149	4186	N.D.		
43) Chrysene	33.01	228	3681	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	3986	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

29297.D GCMS1126.M

Fri Dec 21 12:51:21 2001

Page 2

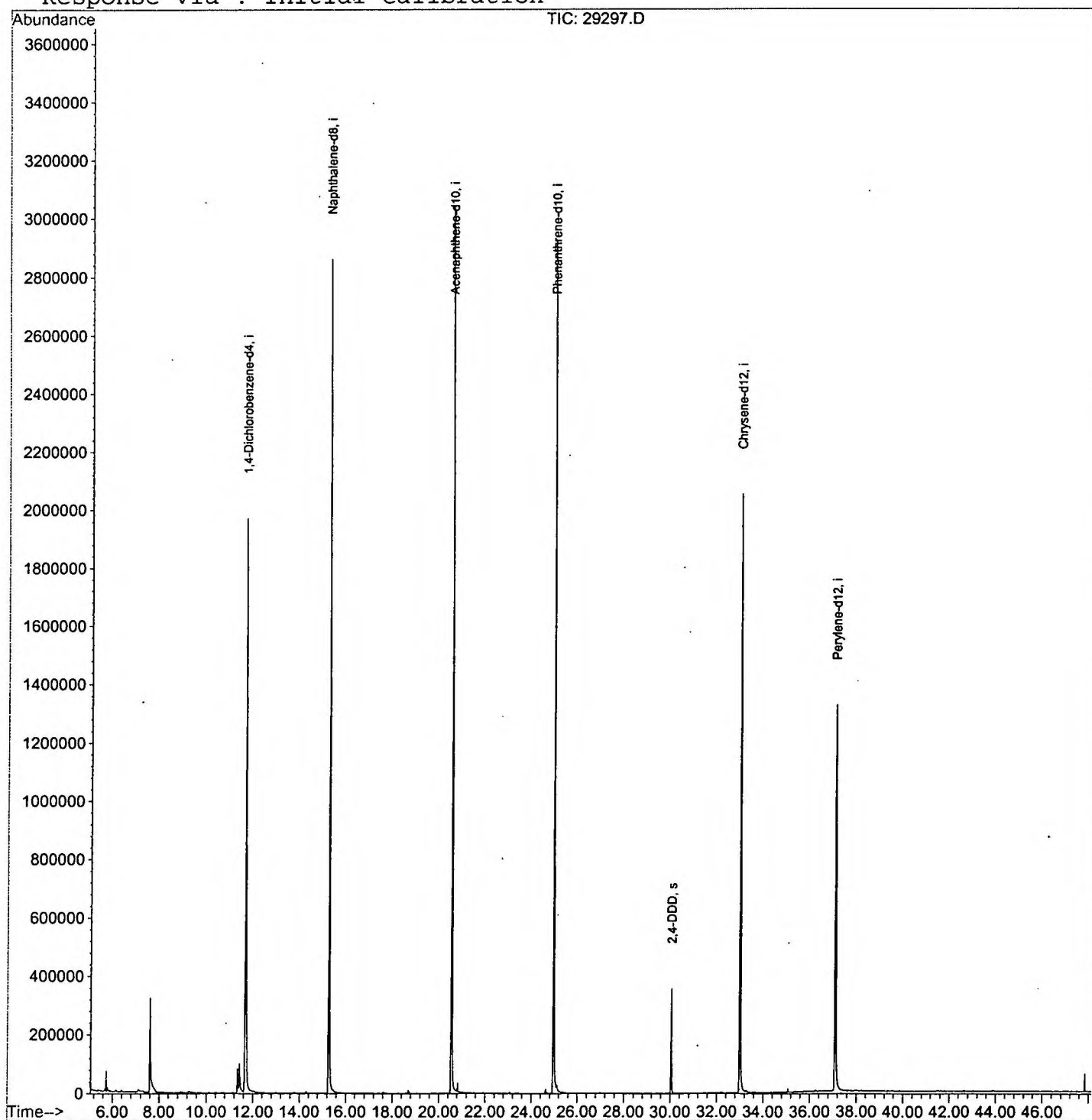
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29297.D
Acq On : 13 Dec 2001 12:26 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:38 2001

Vial: 23
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\29297.D

Acq On : 13 Dec 2001 12:26 am

Sample : gc/ms scan 12/5

Misc :

MS Integration Params: LSCINT.P

Vial: 23

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.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	7.603	275	279	312	rBV	321381	976275	14.16%	2.736%
2	11.339	682	686	692	rBV	83647	199353	2.89%	0.559%
3	11.422	692	695	715	rVB	98006	285614	4.14%	0.800%
4	11.670	715	722	741	rBV	1967272	5141632	74.60%	14.408%
5	15.278	1109	1115	1134	rBV	2861117	6358340	92.25%	17.818%
6	20.547	1683	1689	1705	rBV	3043922	6892243	100.00%	19.314%
7	24.972	2165	2171	2183	rBV2	2923784	6374334	92.49%	17.862%
8	25.119	2184	2187	2199	rVB2	24615	84450	1.23%	0.237%
9	30.049	2719	2724	2731	rBV	356748	708234	10.28%	1.985%
10	33.005	3040	3046	3066	rBV2	2052194	4846684	70.32%	13.582%
11	37.099	3484	3492	3512	rBV2	1320184	3818697	55.41%	10.701%

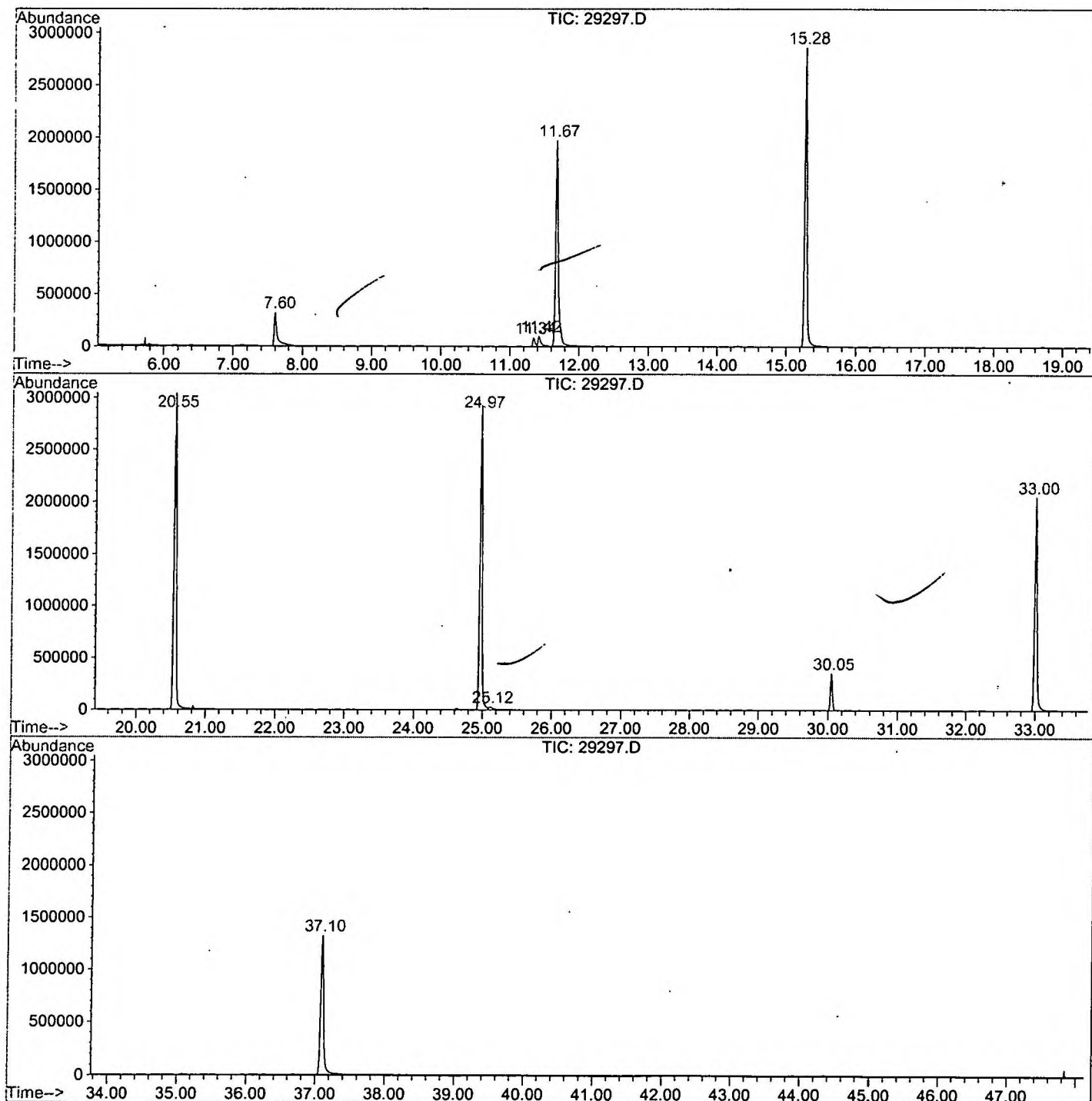
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29297.D GCMS1126.M

Fri Dec 21 12:19:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29297.D
 Operator : 209 GALOS
 Acquired : 13 Dec 2001 12:26 am using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 12/5
 Misc Info :
 Vial Number: 23
 Quant File :GCMS1126.RES (RTE Integrator)



29297.D GCMS1126.M

Fri Dec 21 12:19:30 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29297.D
Acq On : 13 Dec 2001 12:26 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

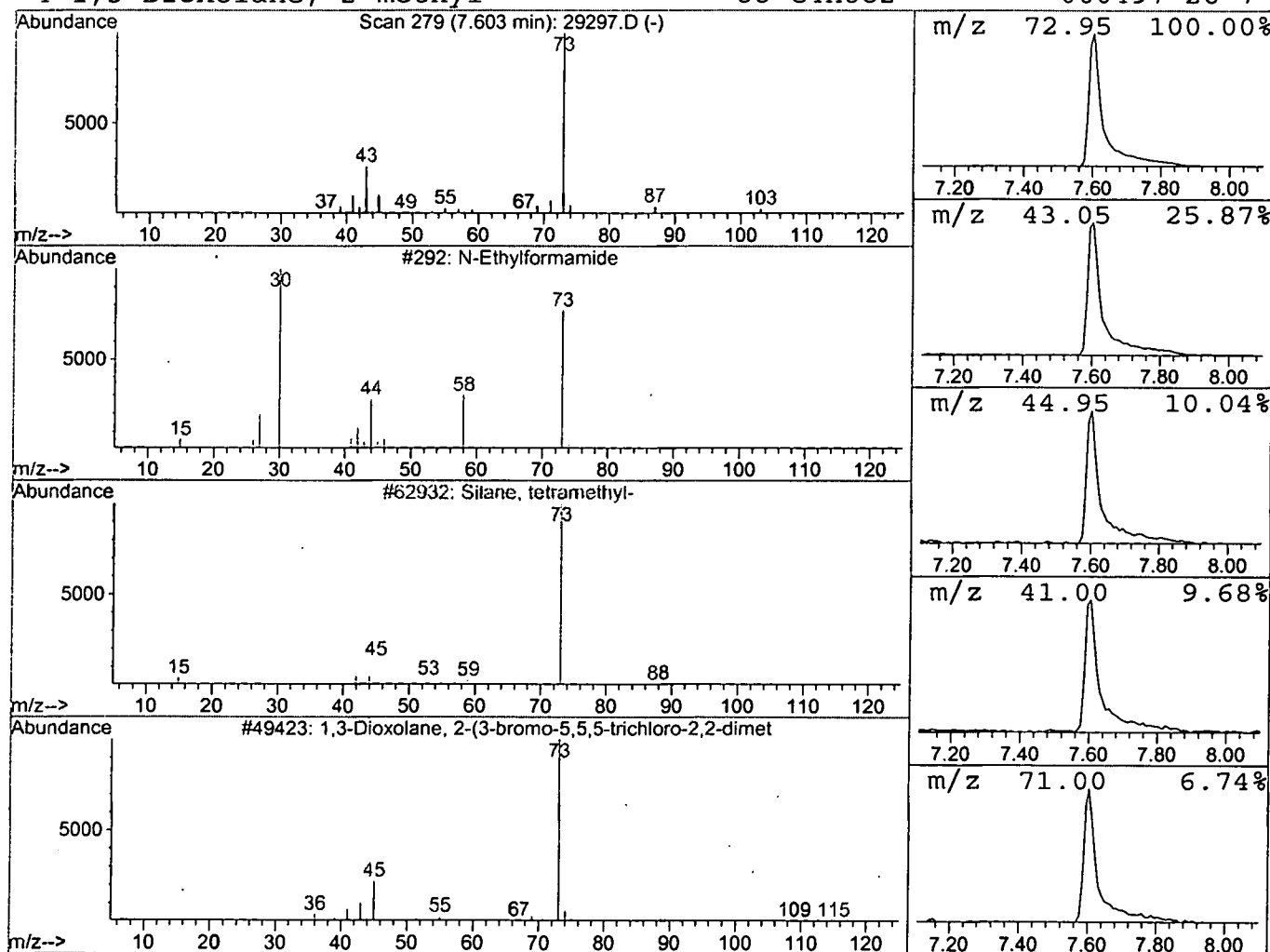
Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.80 ug/l	976275	1,4-Dichlorobenzene-d4	11.67

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29297.D
 Acq On : 13 Dec 2001 12:26 am
 Sample : gc/ms scan 12/5
 Misc :
 MS Integration Params: LSCINT.P

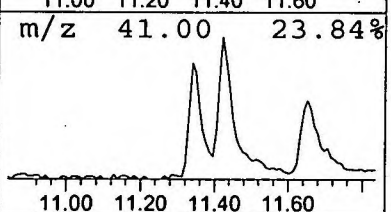
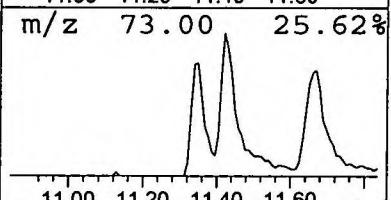
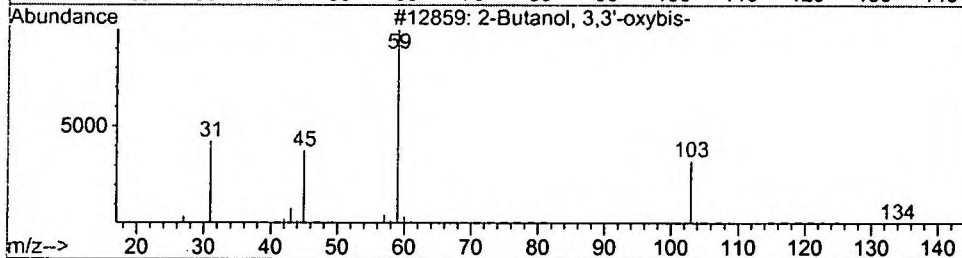
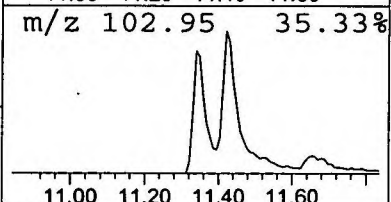
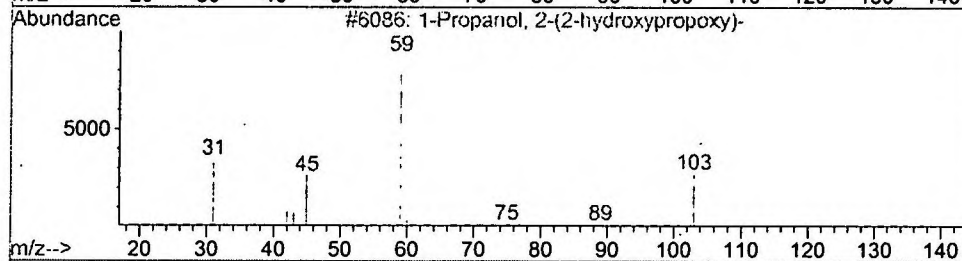
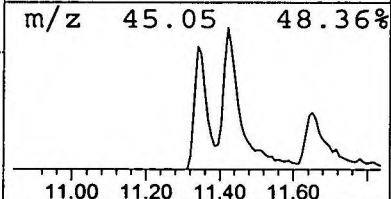
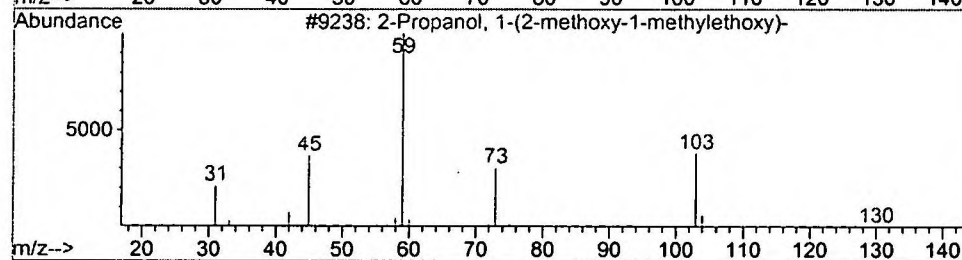
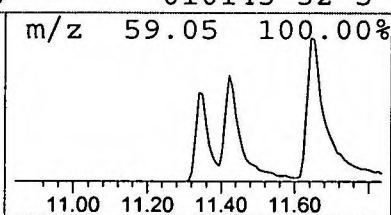
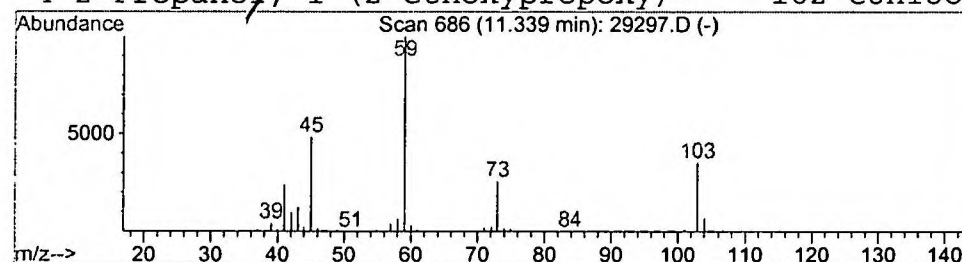
Vial: 23
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.78 ug/l	199353	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	72
2			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4			2-Propanol, 1-(2-ethoxypropoxy)-	162	C8H18O3	010143-32-5	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29297.D
Acq On : 13 Dec 2001 12:26 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

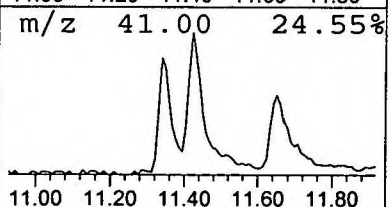
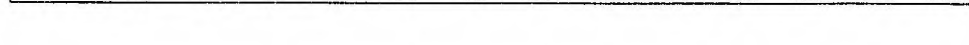
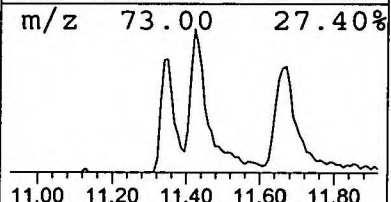
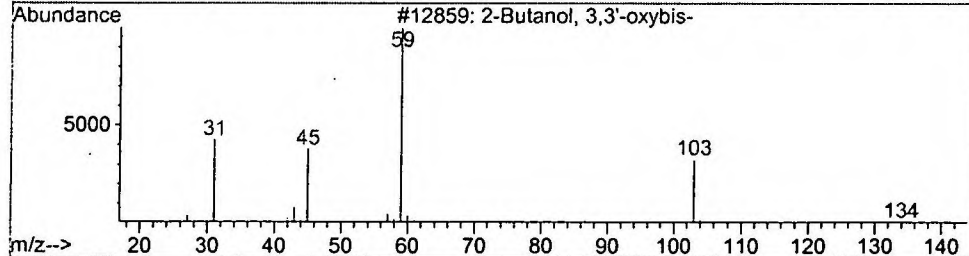
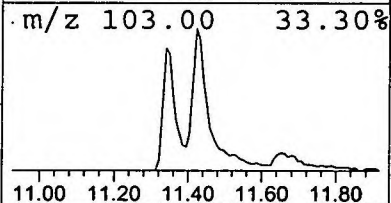
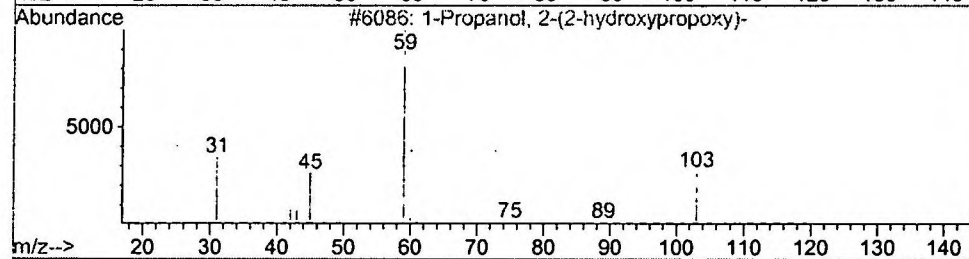
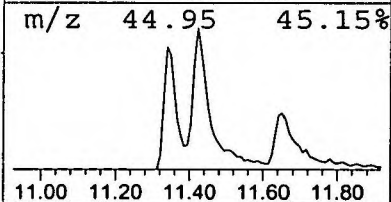
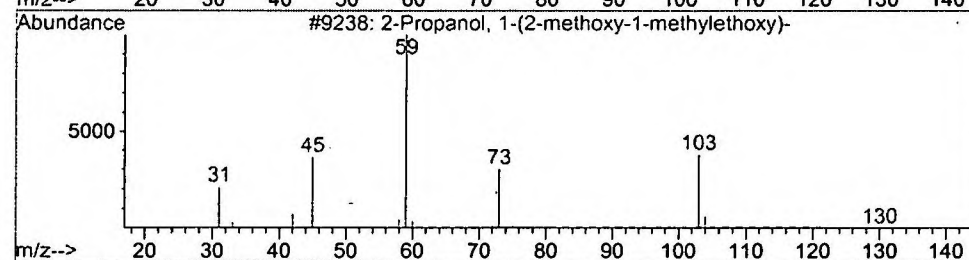
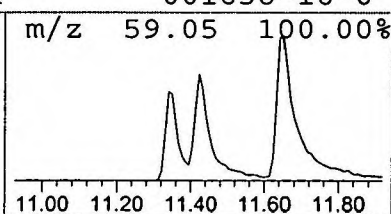
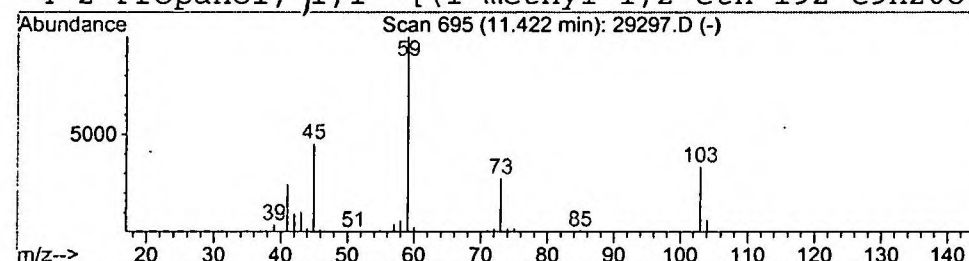
Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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.
11.42	1.11 ug/l	285614	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			1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3			2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4			2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 12:26 am
 Data File: C:\HPCHEM\1\DATA\DEC1201\29297.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
N-Ethylformamide	7.60	3.8	ug/l	976275	ISTD01	11.67	5141630	20.0
2-Propanol, 1-(2-met	11.34	0.8	ug/l	199353	ISTD01	11.67	5141630	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	285614	ISTD01	11.67	5141630	20.0

29297.D GCMS1126.M Fri Dec 21 12:19:48 2001