Comments for Sample AD29234 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 14:38:27

The GCMS scan, from 35 to 550 amu does not reveal the presence of any unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 14:38:21

Sample: AD29234
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 14:36 Ended: 12/18/01 14:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D Vial: 23
Acq On : 11 Dec 2001 8:10 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:31 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	11.68	152	815418	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3109421	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1522417	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2236901	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1424277	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	980207	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	118551	4.45	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 89.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	741	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	13.31	117	188	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	15.34	128	5317	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	20.55	153	175	N.D.		
24) 2,4-Dinitrotoluene	20.88	165	565	N.D.		
25) Diethylphthalate	22.08	149	871	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D Vial: 23
Acq On : 11 Dec 2001 8:10 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:31 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

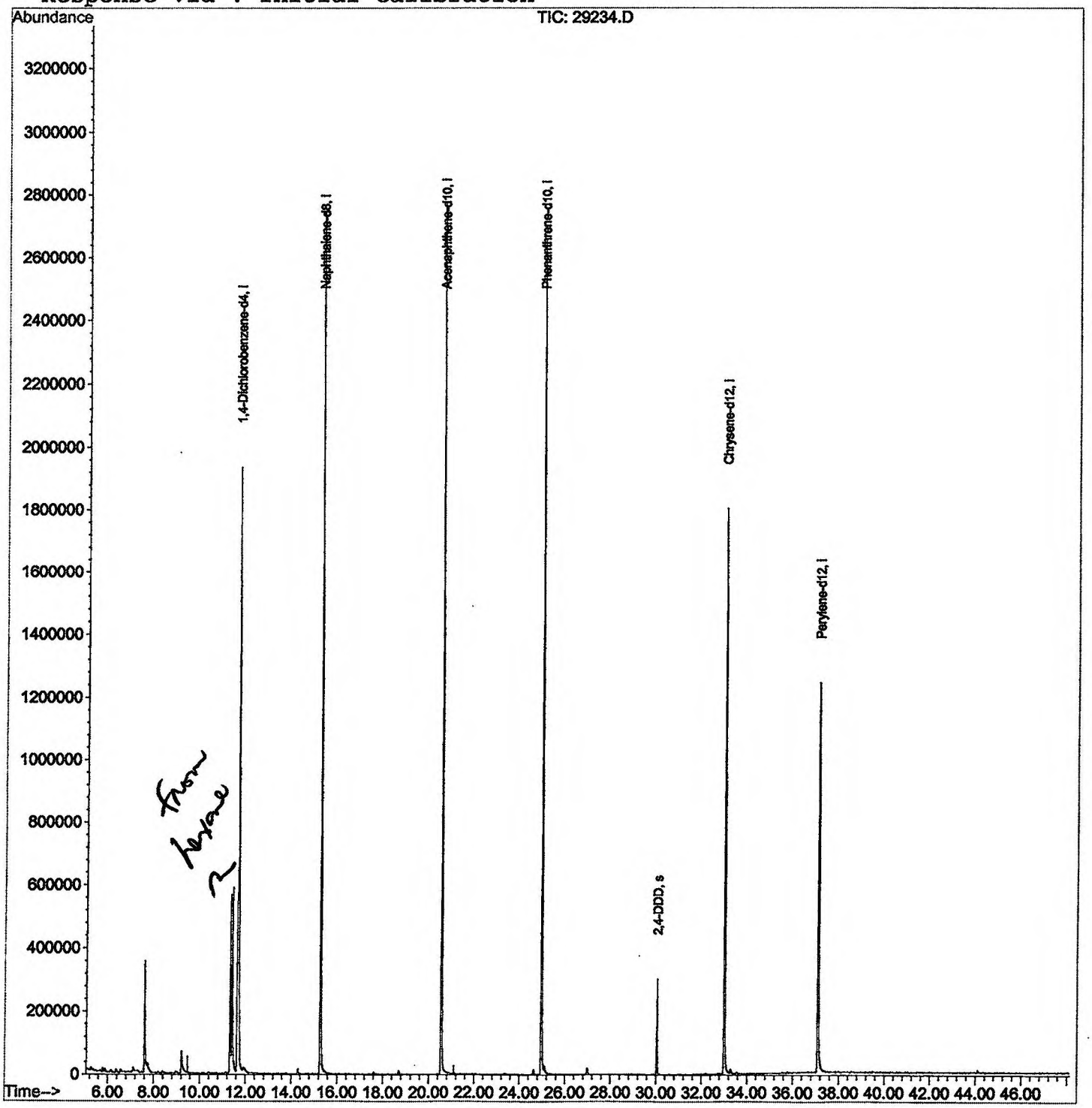
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.03	178	2311	N.D.	
34)	Anthracene	25.03	178	2311	N.D.	
35)	Di-n-butylphthalate	26.99	149	28481	N.D.	
36)	Fluoranthene	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	3189	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	11683	N.D.	
43)	Chrysene	33.01	228	3189	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	3648	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D Vial: 23
Acq On : 11 Dec 2001 8:10 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 15:31 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D Vial: 23
Acq On : 11 Dec 2001 8:10 am Operator: 209 GALOS
Sample : gc/ms scan 12/3 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

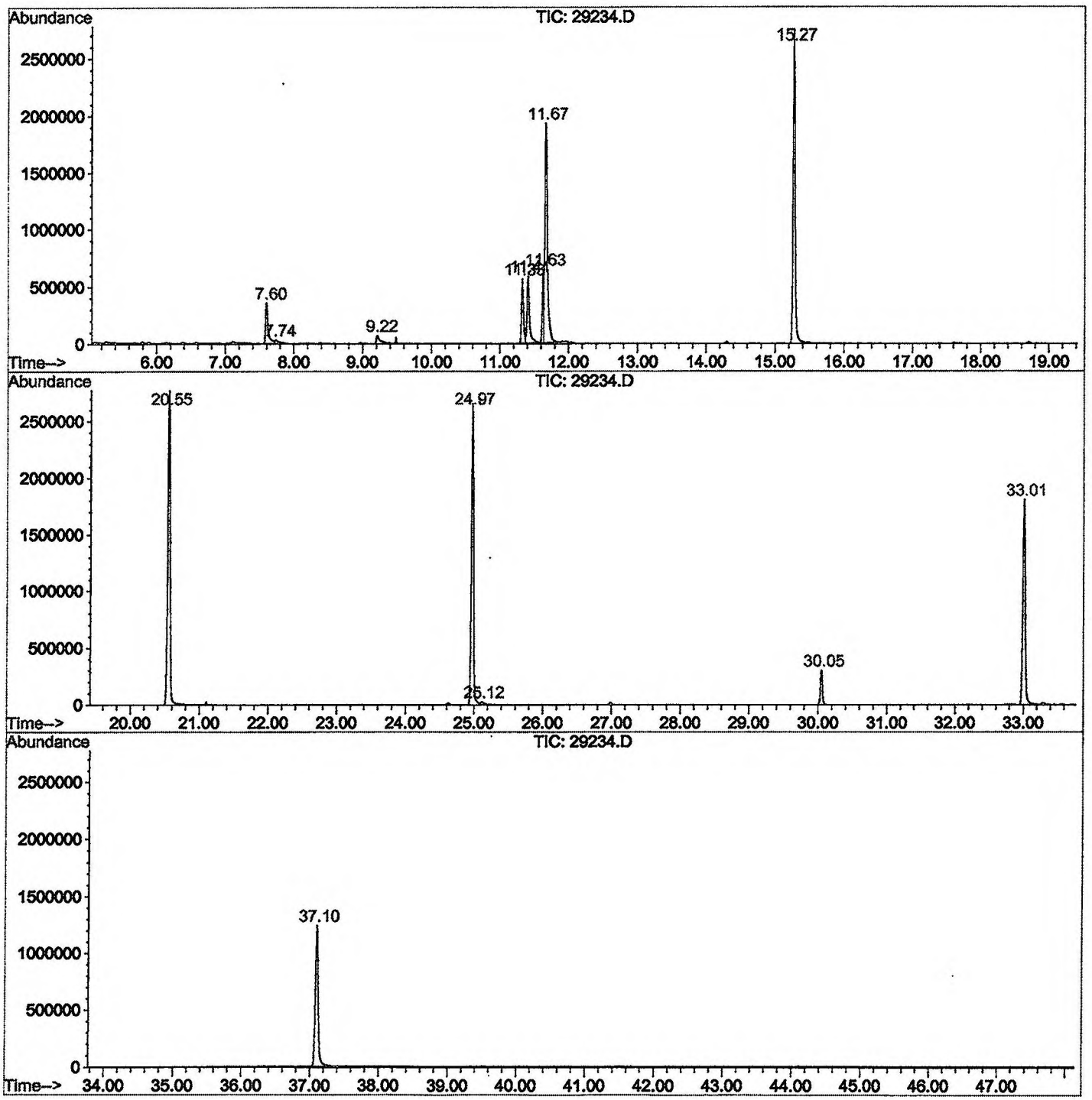
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	273	278	290	rBV	354175	907658	14.53%	2.470%
2	7.737	291	293	310	rVB2	29774	117625	1.88%	0.320%
3	9.215	450	454	469	rBV	70484	254003	4.07%	0.691%
4	11.326	680	684	689	rBV	560860	1108676	17.75%	3.017%
5	11.409	689	693	712	rVB	583996	1416598	22.68%	3.855%
6	11.629	712	717	718	rBV	643750	1069913	17.13%	2.912%
7	11.666	718	721	744	rVB	1923652	5005426	80.12%	13.623%
8	15.274	1108	1114	1132	rBV	2746365	5877696	94.09%	15.997%
9	20.553	1682	1689	1710	rBV	2777178	6247218	100.00%	17.003%
10	24.968	2164	2170	2183	rBV2	2659647	5968700	95.54%	16.245%
11	25.115	2183	2186	2198	rVB	23090	75035	1.20%	0.204%
12	30.054	2718	2724	2730	rBV	302011	634415	10.16%	1.727%
13	33.010	3039	3046	3059	rBV2	1803953	4448005	71.20%	12.106%
14	37.096	3483	3491	3511	rBV2	1239013	3611580	57.81%	9.829%

Sum of corrected areas: 36742548

29234.D GCMS1126.M Fri Dec 14 16:48:14 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29234.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 8:10 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/3
Misc Info :
Vial Number: 23
Quant File :GCMS1126.RES (RTE Integrator)



29234.D GCMS1126.M Fri Dec 14 16:48:20 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D
Acq On : 11 Dec 2001 8:10 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

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

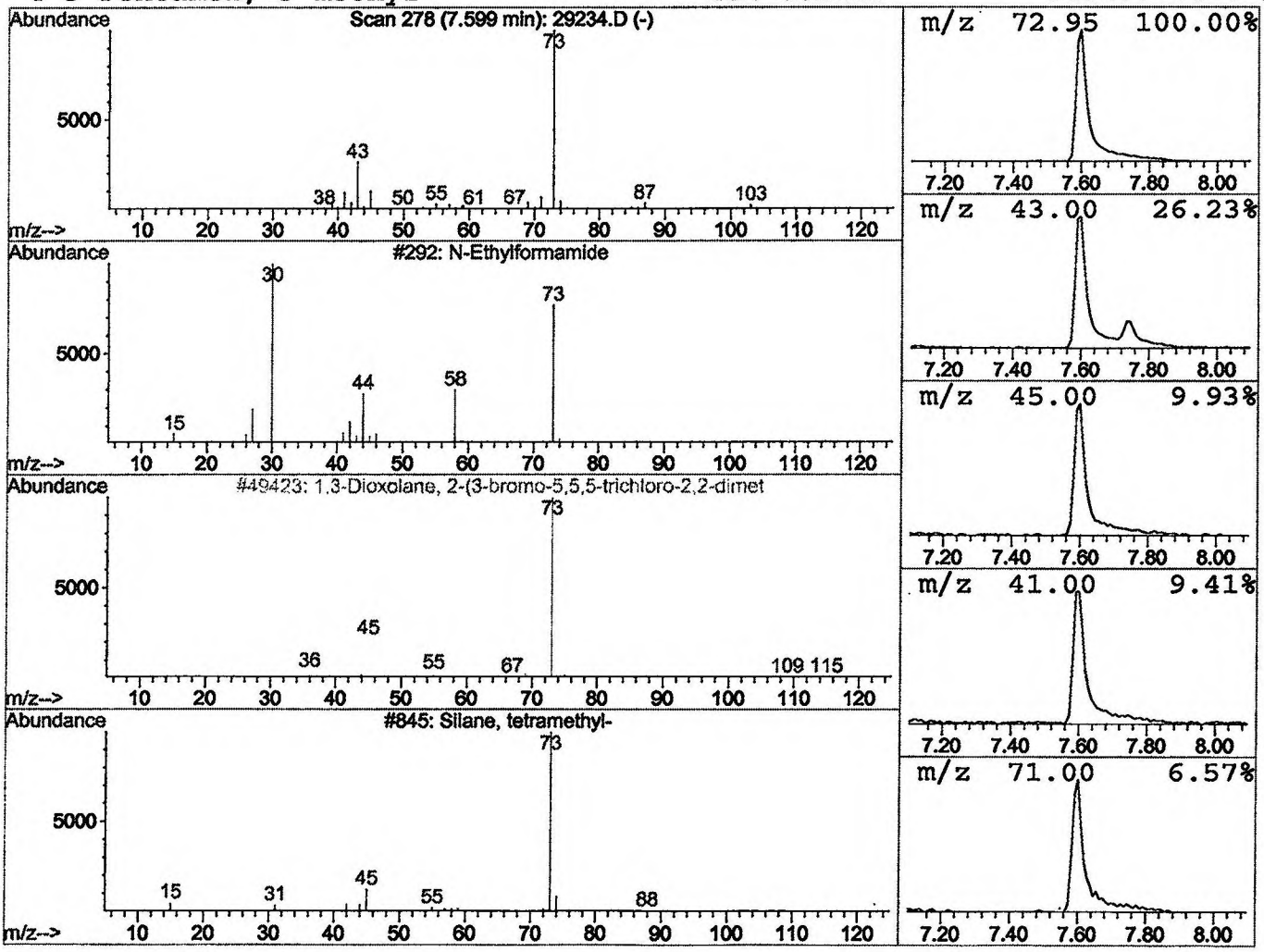
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.63 ug/l	907658	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D
Acq On : 11 Dec 2001 8:10 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

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

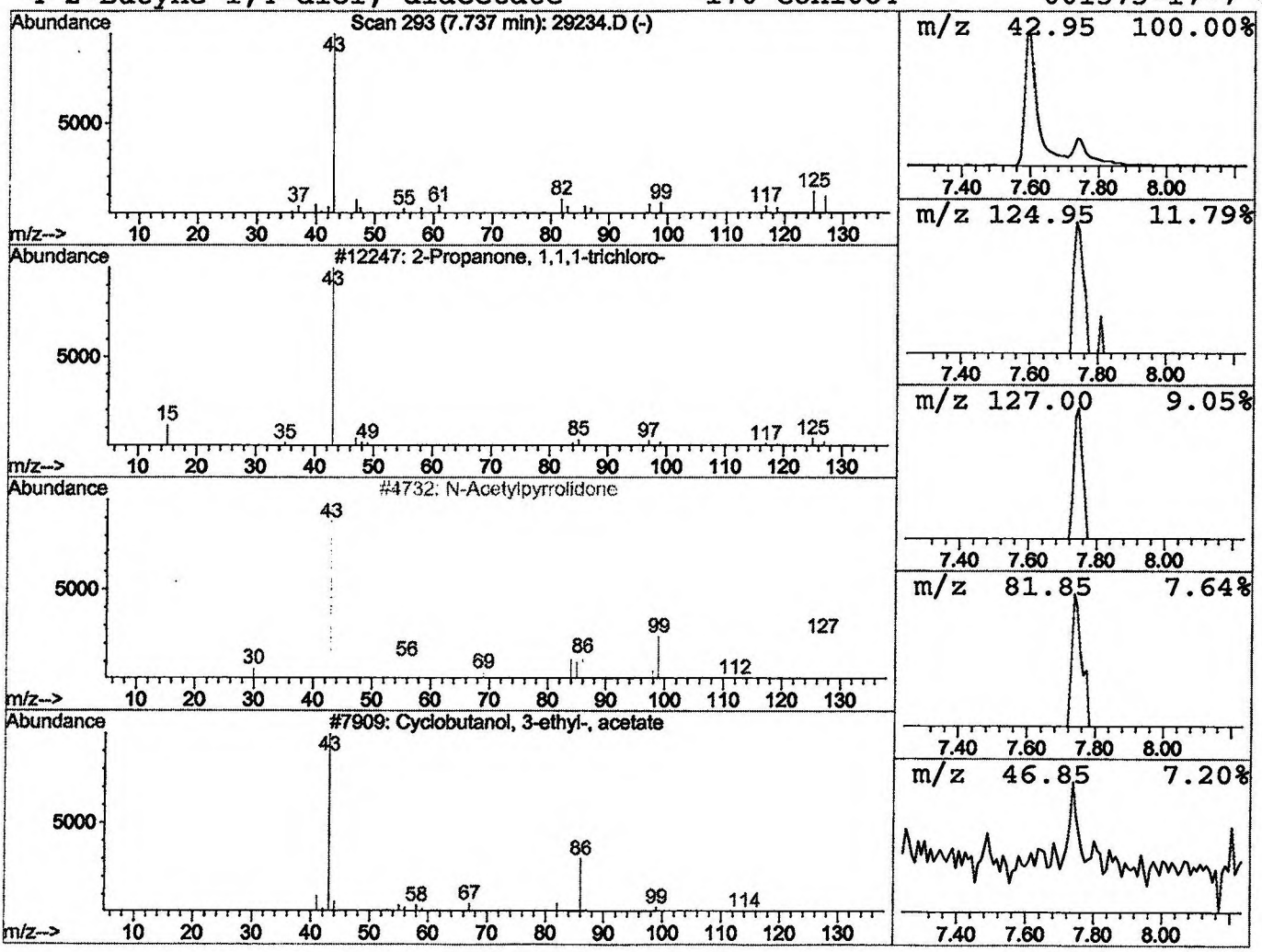
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.47 ug/l	117625	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
3	Cyclobutanol, 3-ethyl-, acetate	142	C8H14O2	056335-72-9	4
4	2-Butyne-1,4-diol, diacetate	170	C8H10O4	001573-17-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D
Acq On : 11 Dec 2001 8:10 am
Sample : gc/ms scan 12/3
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

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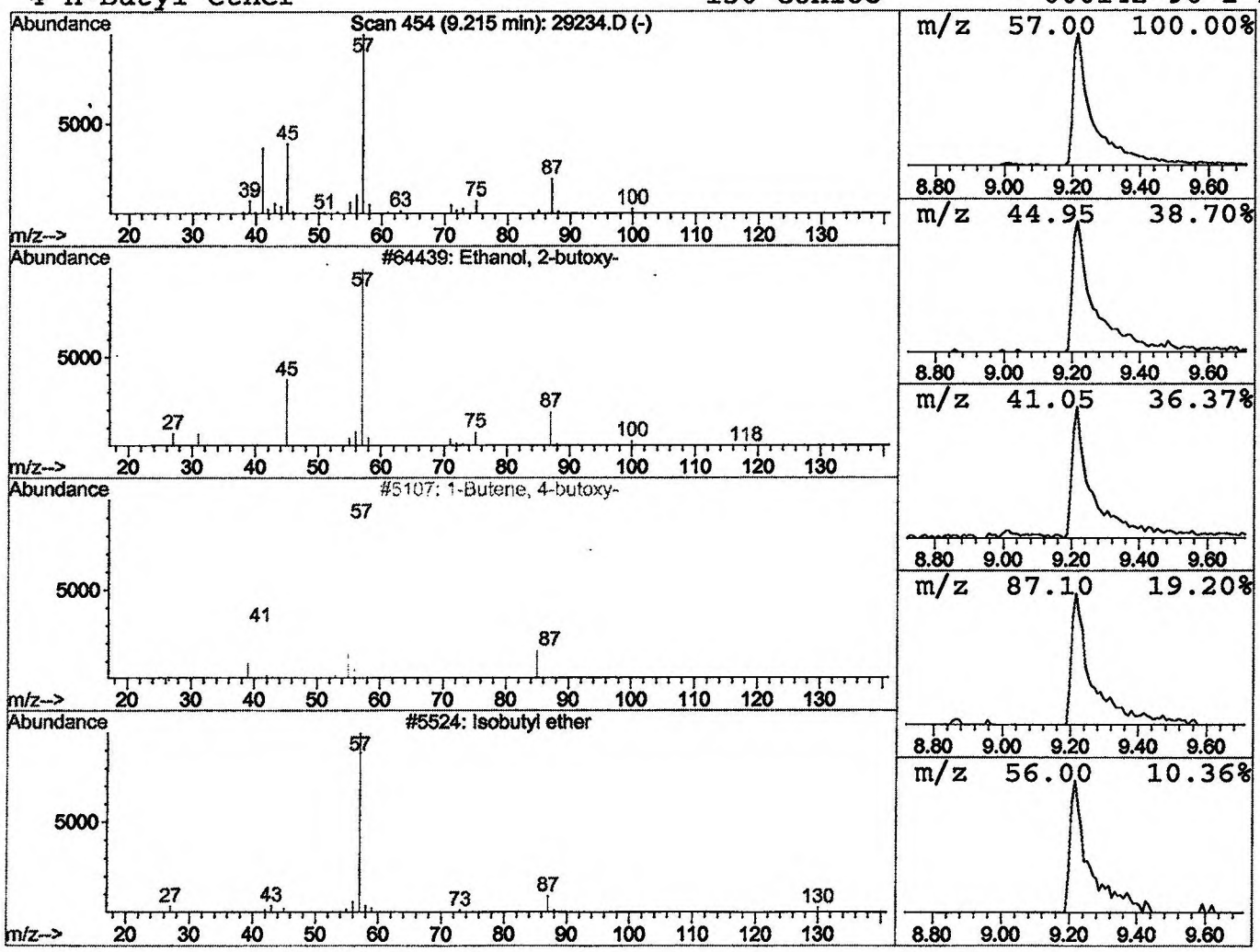
Peak Number 3 Ethanol, 2-butoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	1.01 ug/l	254003	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	23
3	Isobutyl ether	130	C8H18O	000628-55-7	17
4	n-Butyl ether	130	C8H18O	000142-96-1	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29234.D
Acq On : 11 Dec 2001 8:10 am
Sample : gc/ms scan 12/3
Misc :
MS Integration Params: LSCINT.P

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

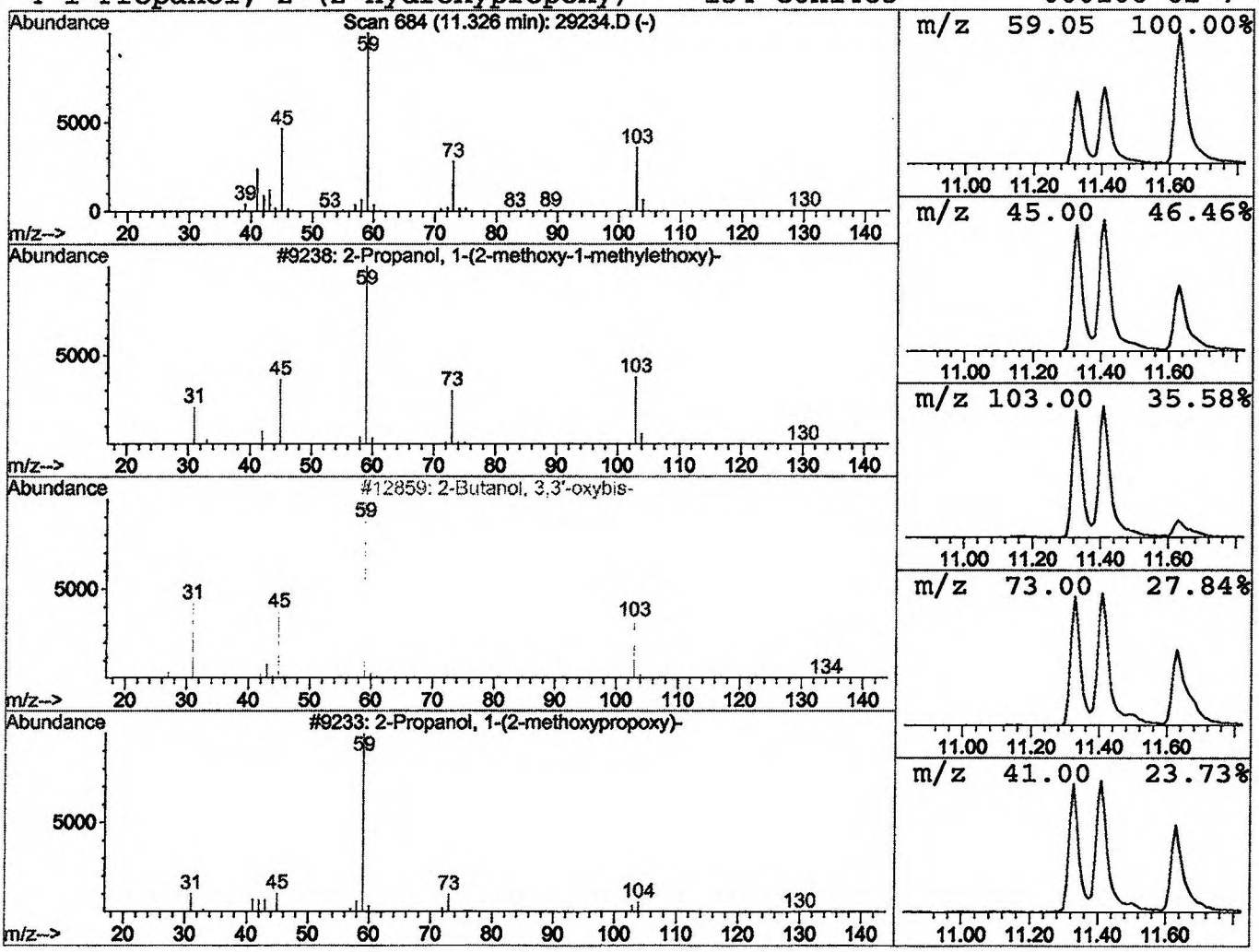
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	4.43 ug/l	1108680	1,4-Dichlorobenzene-d4	11.68

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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Library Search Compound Report

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Acq On : 11 Dec 2001 8:10 am
Sample : gc/ms scan 12/3
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

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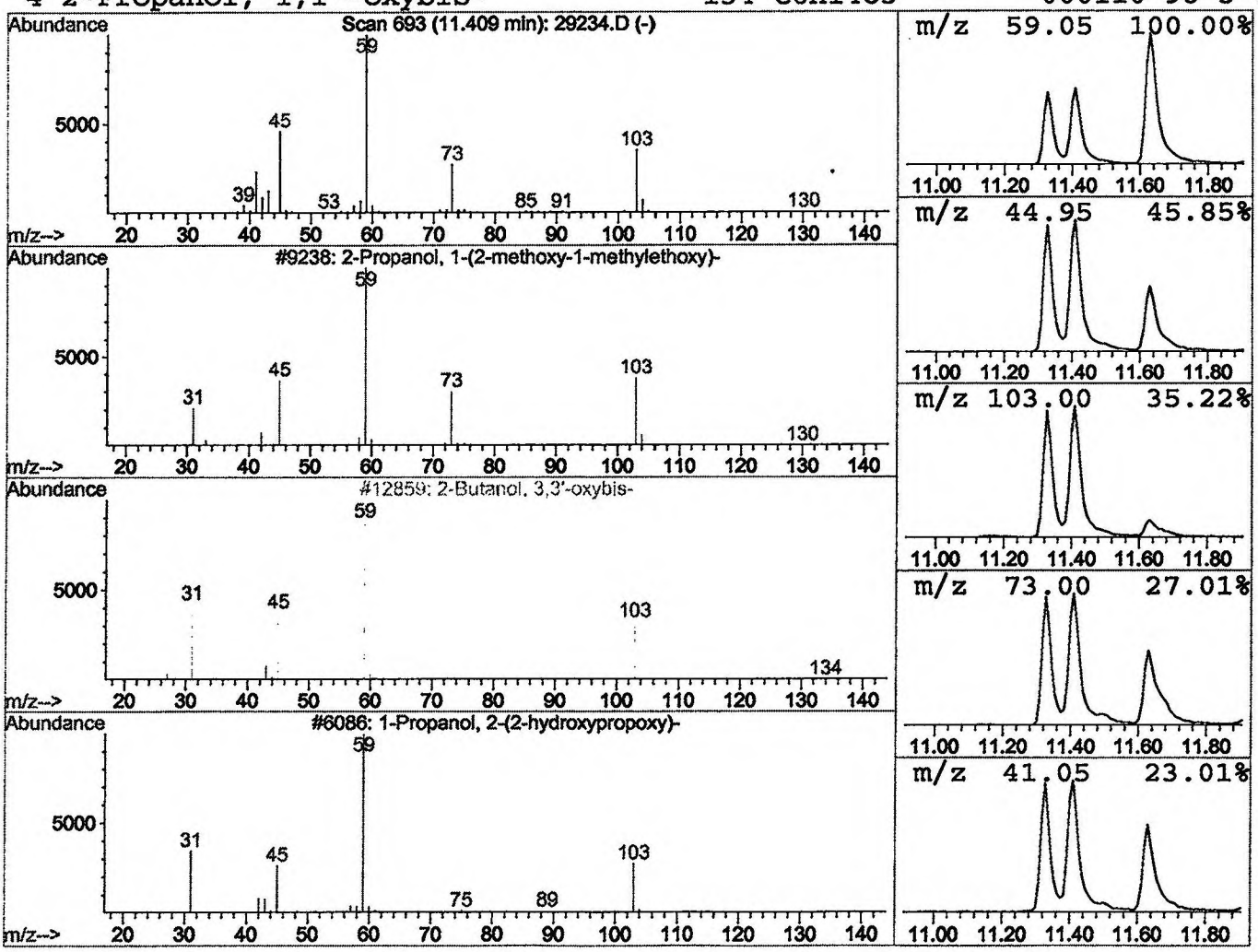
Peak Number 5 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	5.66 ug/l	1416600	1,4-Dichlorobenzene-d4	11.68

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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 8:10 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29234.D
Name: gc/ms scan 12/3
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	3.6	ug/l	907658	ISTD01	11.68	5005430	20.0
2-Propanone, 1,1,1-t	7.74	0.5	ug/l	117625	ISTD01	11.68	5005430	20.0
Ethanol, 2-butoxy-	9.22	1.0	ug/l	254003	ISTD01	11.68	5005430	20.0
2-Propanol, 1-(2-met	11.33	4.4	ug/l	1108680	ISTD01	11.68	5005430	20.0
2-Propanol, 1-(2-met	11.41	5.7	ug/l	1416600	ISTD01	11.68	5005430	20.0

29234.D GCMS1126.M Fri Dec 14 16:48:47 2001