Comments for Sample AD29134 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-17-2001 Time: 12:51:40

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of di-n-butylphthalate at an estimated level of 0.28 ug/L. It is also present in the Laboratory Blank at 2.72 ug/L.
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: 12/17/2001 Time: 12:51:04

Sample: AD29134
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/17/01 12:50 Ended: 12/17/01 12:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29134.D Vial: 10
Acq On : 10 Dec 2001 7:31 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:07 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	936451	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3574664	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1822753	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2620107	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1617315	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1147725	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	173285	5.56	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 111.20%			
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	12.97	77	265	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	1459	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	21.12	165	562	N.D.		
25) Diethylphthalate	22.09	149	1209	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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Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:07 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

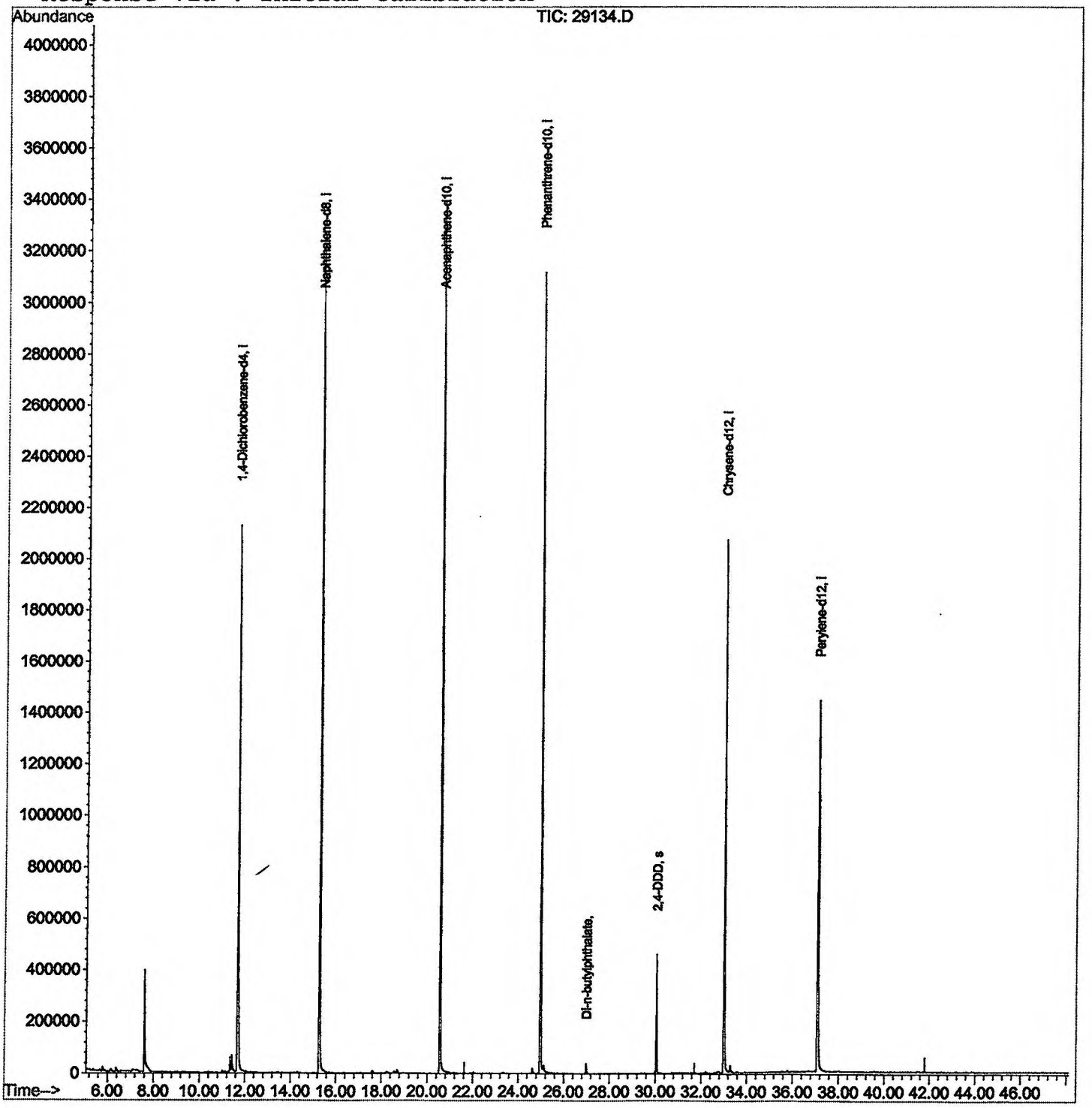
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.97	178	1139	N.D.	
34)	Anthracene	24.97	178	1139	N.D.	
35)	Di-n-butylphthalate	26.99	149	50821	0.28 ug/l	98
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	3995	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	18857	N.D.	
43)	Chrysene	33.00	228	3995	N.D.	
45)	Di-n-Octylphthalate	35.04	149	415	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	4491	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\29134.D Vial: 10
Acq On : 10 Dec 2001 7:31 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:07 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29134.D Vial: 10
Acq On : 10 Dec 2001 7:31 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30 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

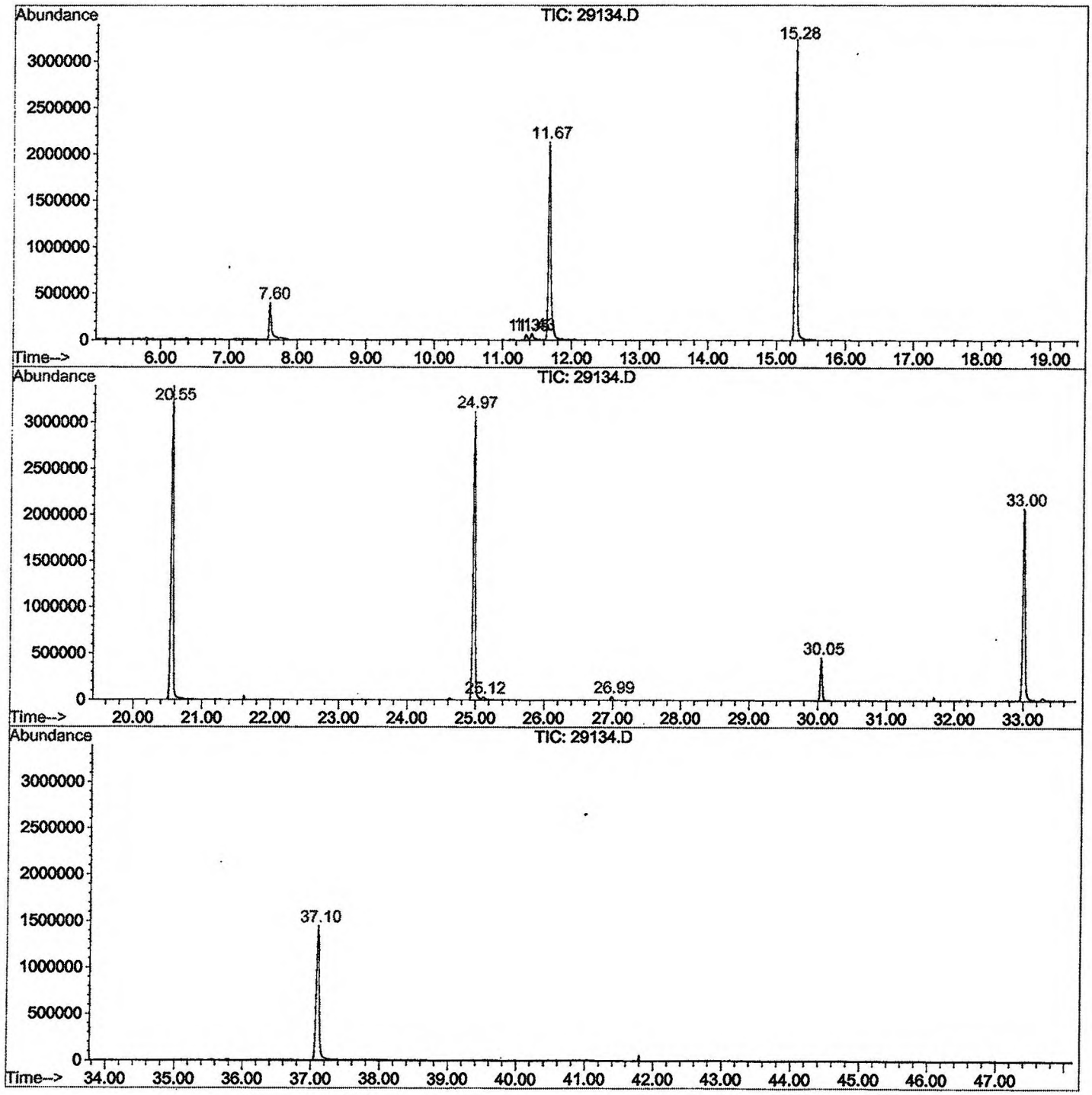
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.601	274	278	292	rBV	394299	984244	13.27%	2.585%
2	11.346	682	686	691	rBV	58663	131304	1.77%	0.345%
3	11.429	691	695	710	rVB	66067	187598	2.53%	0.493%
4	11.668	715	721	739	rBV	2127416	5283565	71.25%	13.879%
5	15.275	1108	1114	1132	rBV	3225662	6738682	90.87%	17.701%
6	20.554	1682	1689	1721	rBV	3392884	7415498	100.00%	19.479%
7	24.970	2164	2170	2181	rBV2	3115337	6917470	93.28%	18.170%
8	25.117	2183	2186	2197	rVB2	26721	83160	1.12%	0.218%
9	26.989	2385	2390	2398	rBV	38571	86025	1.16%	0.226%
10	30.046	2718	2723	2733	rBV	459811	939976	12.68%	2.469%
11	33.003	3039	3045	3064	rBV2	2072541	5080375	68.51%	13.345%
12	37.097	3483	3491	3518	rBV2	1439184	4222229	56.94%	11.091%

Sum of corrected areas: 38070126

29134.D GCMS1126.M Wed Dec 12 16:05:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29134.D
Operator : 209 GALOS
Acquired : 10 Dec 2001 7:31 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



29134.D GCMS1126.M Wed Dec 12 16:05:36 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29134.D
Acq On : 10 Dec 2001 7:31 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

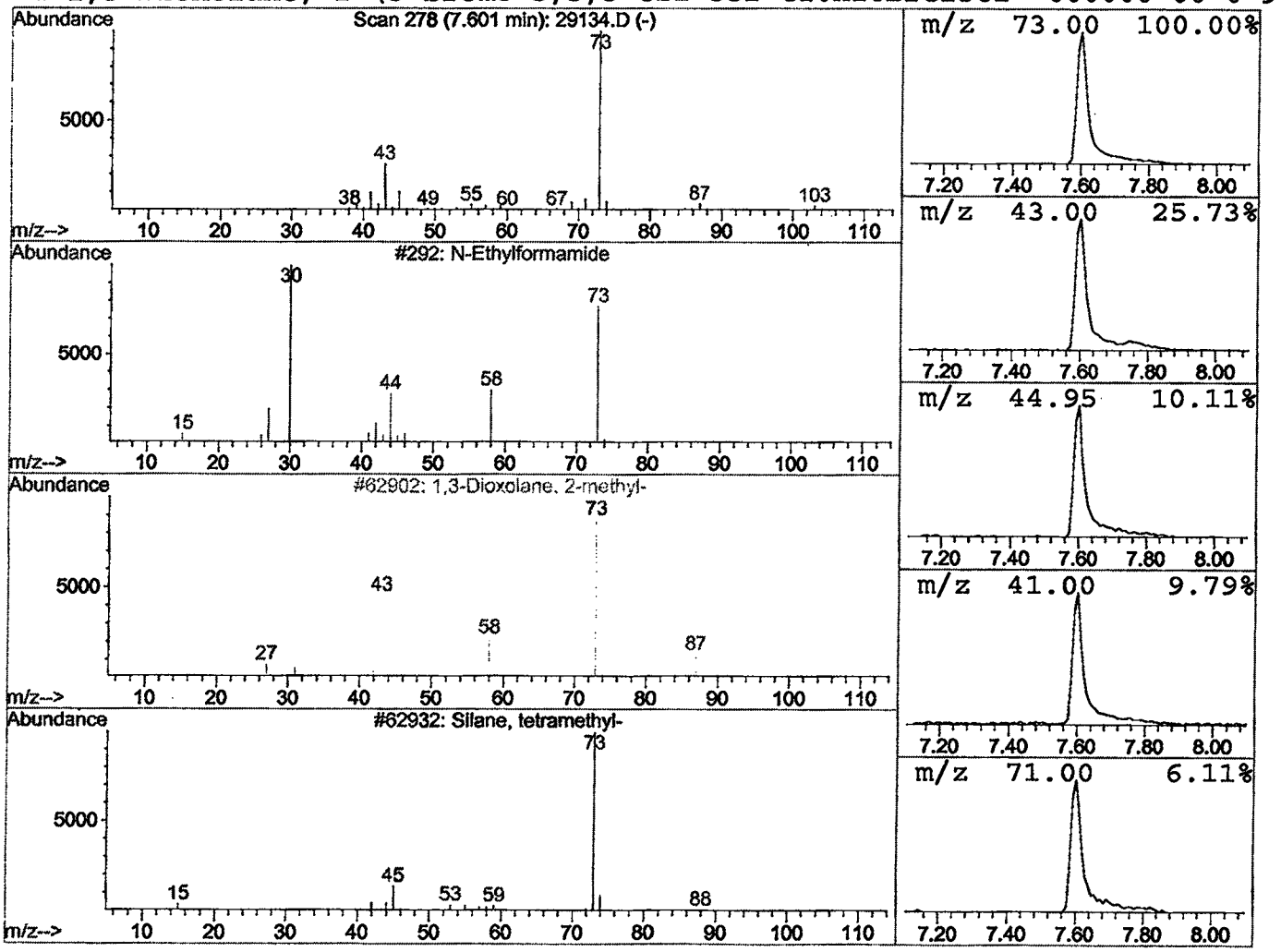
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.73 ug/l	984244	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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29134.D
Acq On : 10 Dec 2001 7:31 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

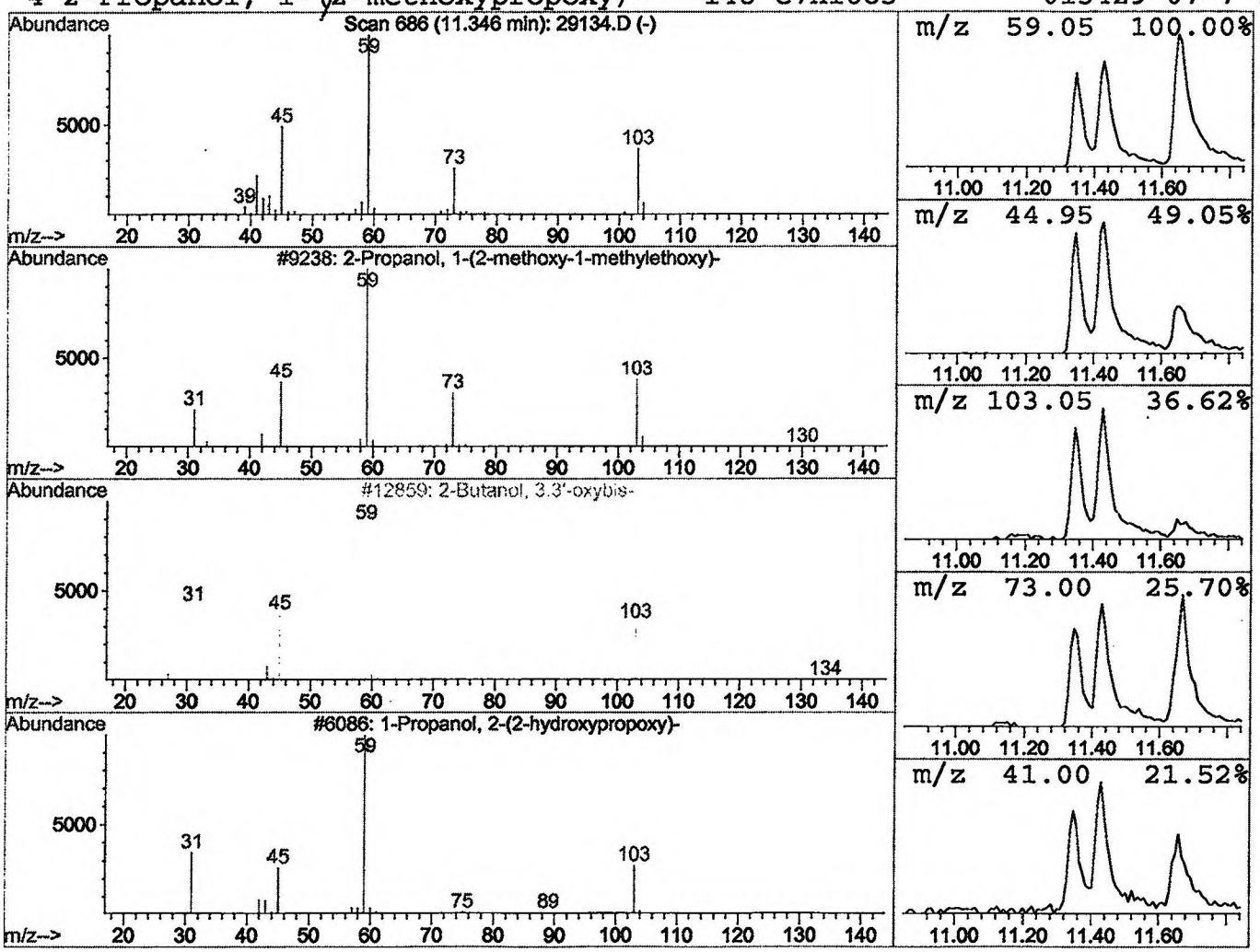
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.50 ug/l	131304	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	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29134.D
Acq On : 10 Dec 2001 7:31 pm
Sample : gc/ms scan 11/30
Misc :
MS Integration Params: LSCINT.P

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

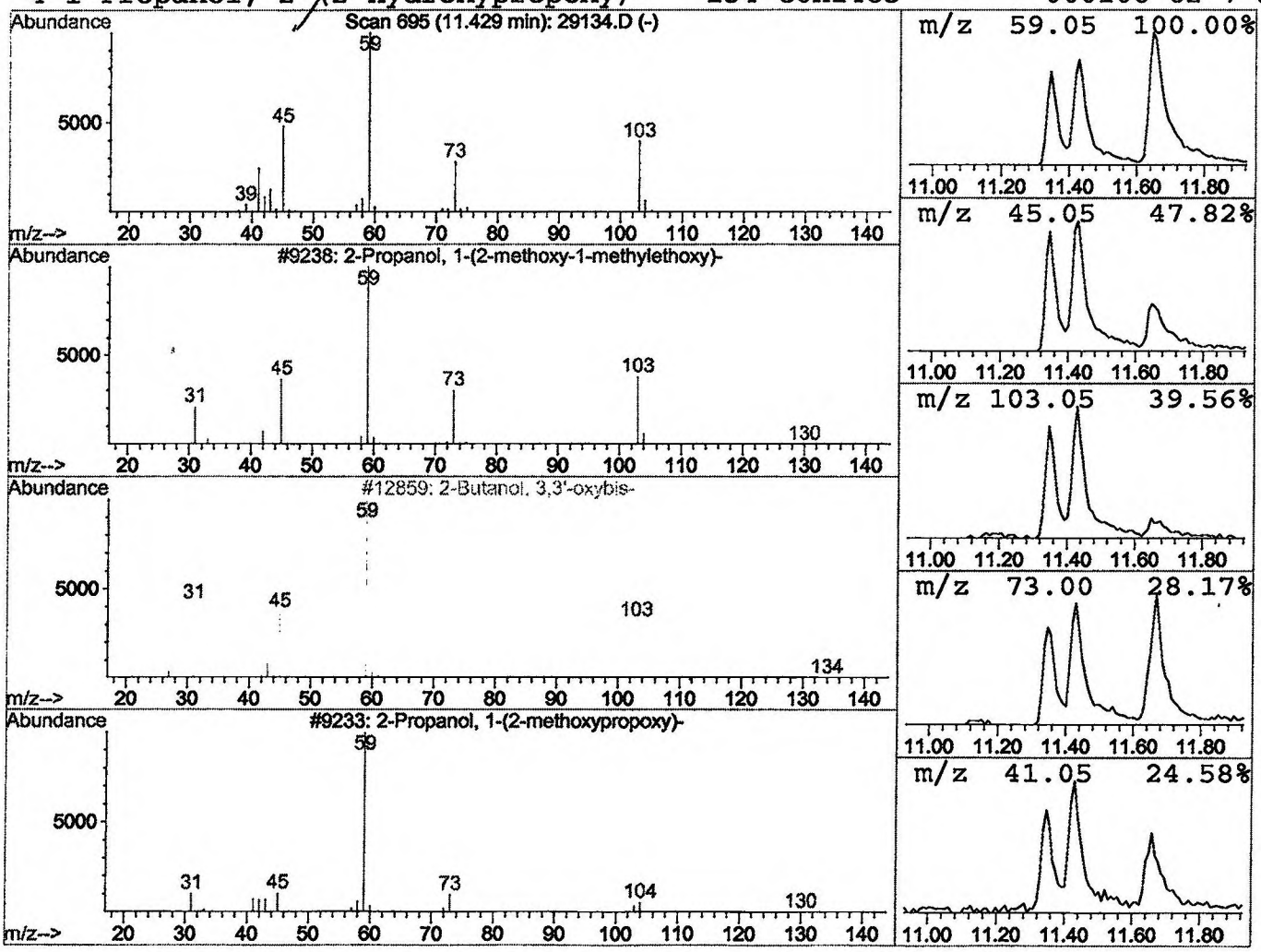
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.71 ug/l	187598	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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	56
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	38
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	33



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Dec 2001 7:31 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29134.D
Name: gc/ms scan 11/30
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	3.7	ug/l	984244	ISTD01	11.67	5283570	20.0
2-Propanol, 1-(2-met	11.35	0.5	ug/l	131304	ISTD01	11.67	5283570	20.0
2-Propanol, 1-(2-met	11.43	0.7	ug/l	187598	ISTD01	11.67	5283570	20.0

29134.D GCMS1126.M Wed Dec 12 16:05:54 2001