Comments for Sample AD29518 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 15:03:30

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.44 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 15:02:41

Sample: AD29518
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 15:02 Ended: 1/4/02 15:02 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		72		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29518.D Vial: 10
Acq On : 13 Dec 2001 6:40 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1086906	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4190597	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2093436	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2957086	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1823468	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1235895	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	153820	3.59	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 71.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	182	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	211	N.D.		
11) Nitrobenzene	13.10	77	201	N.D.		
12) Isophorone	13.83	82	110	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	15.32	128	3437	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	21.25	165	296	N.D.		
25) Diethylphthalate	22.08	149	1184	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	22.80	77	177	N.D.		

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Acq On : 13 Dec 2001 6:40 pm Operator: 209 GALOS
Sample : gcms scan 12/6 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:52 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	985	N.D.	
34)	Anthracene	25.04	178	985	N.D.	
35)	Di-n-butylphthalate	26.98	149	12296	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.49	149	3059	N.D.	
41)	Benzo(a)anthracene	33.01	228	4593	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	48480	0.44 ug/l	98
43)	Chrysene	33.01	228	4593	N.D.	
45)	Di-n-Octylphthalate	35.03	149	345	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	4675	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.	

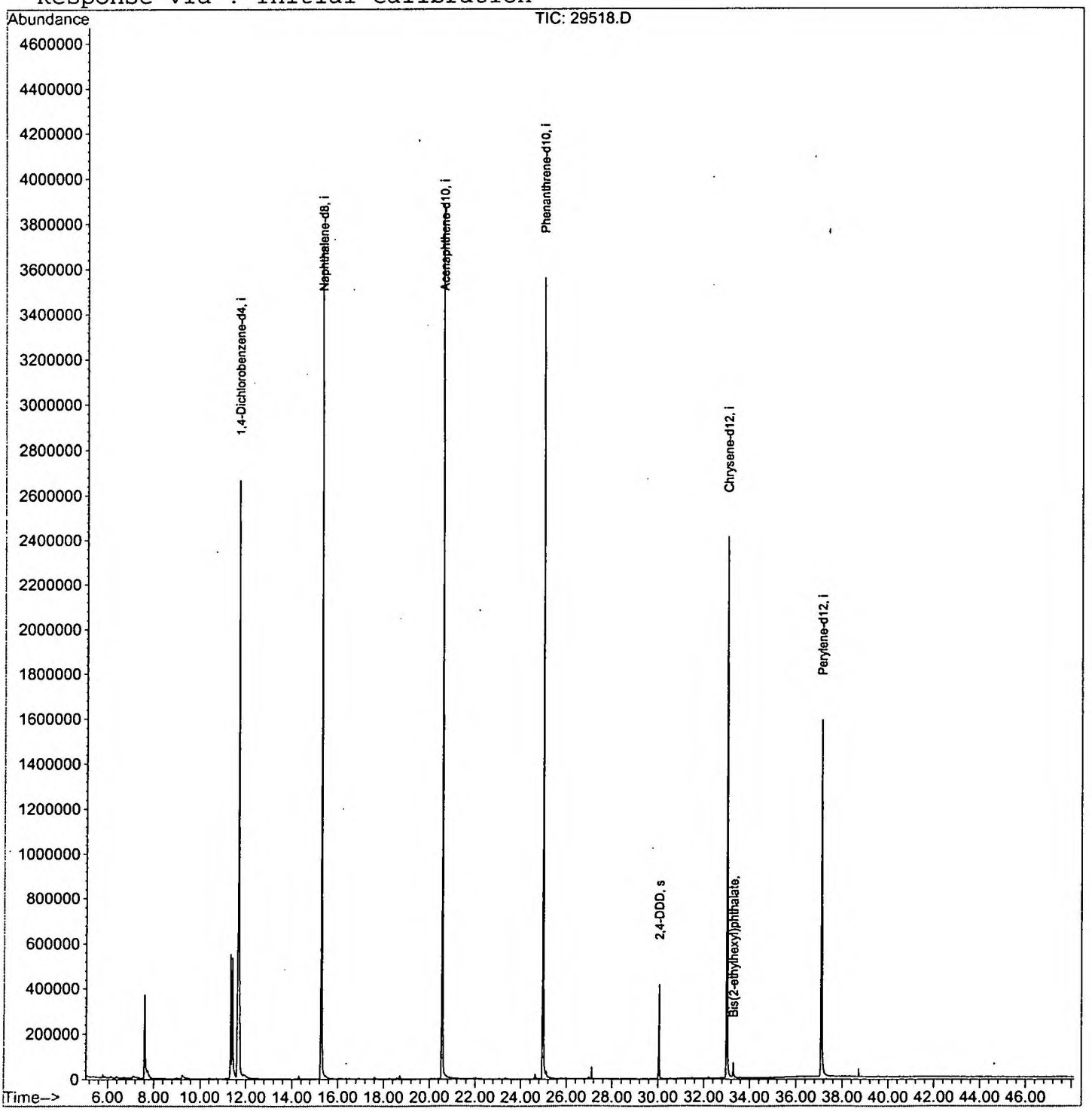
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29518.D
Acq On : 13 Dec 2001 6:40 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 27 12:52 2001

Vial: 10
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\DEC1301\29518.D Vial: 10
Acq On : 13 Dec 2001 6:40 pm Operator: 209 GALOS
Sample : gcms scan 12/6 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

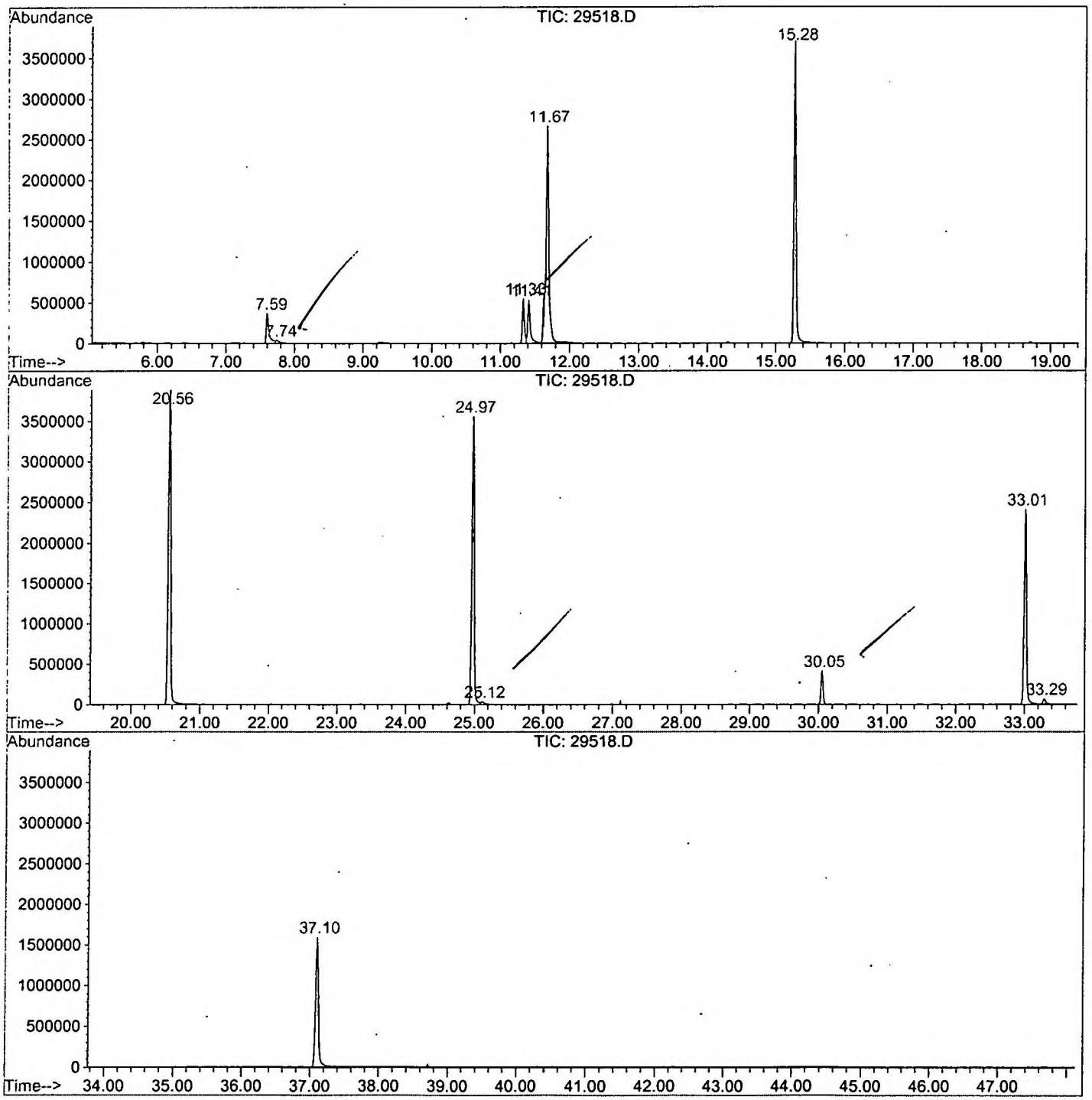
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.595	274	278	291	rBV	368050	1000799	11.54%	2.119%
2	7.742	292	294	313	rVB	37797	139444	1.61%	0.295%
3	11.331	681	685	690	rBV	546785	1107072	12.77%	2.344%
4	11.414	690	694	713	rVB	527451	1331821	15.36%	2.819%
5	11.671	713	722	740	rBV2	2657010	7699753	88.80%	16.300%
6	15.279	1109	1115	1133	rBV	3703002	8003089	92.29%	16.942%
7	20.557	1683	1690	1706	rBV	3890170	8671337	100.00%	18.356%
8	24.973	2164	2171	2183	rBV2	3560556	7905931	91.17%	16.736%
9	25.120	2183	2187	2197	rVB2	31695	107353	1.24%	0.227%
10	30.050	2716	2724	2733	rBV	416010	845486	9.75%	1.790%
11	33.006	3037	3046	3062	rBV2	2409082	5738955	66.18%	12.149%
12	33.290	3071	3077	3084	rBV	64411	153863	1.77%	0.326%
13	37.100	3484	3492	3517	rBV2	1583539	4534122	52.29%	9.598%

Sum of corrected areas: 47239025

29518.D GCMS1126.M Fri Dec 21 13:12:42 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\29518.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 6:40 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/6
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



29518.D GCMS1126.M Fri Dec 21 13:12:48 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29518.D
Acq On : 13 Dec 2001 6:40 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

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

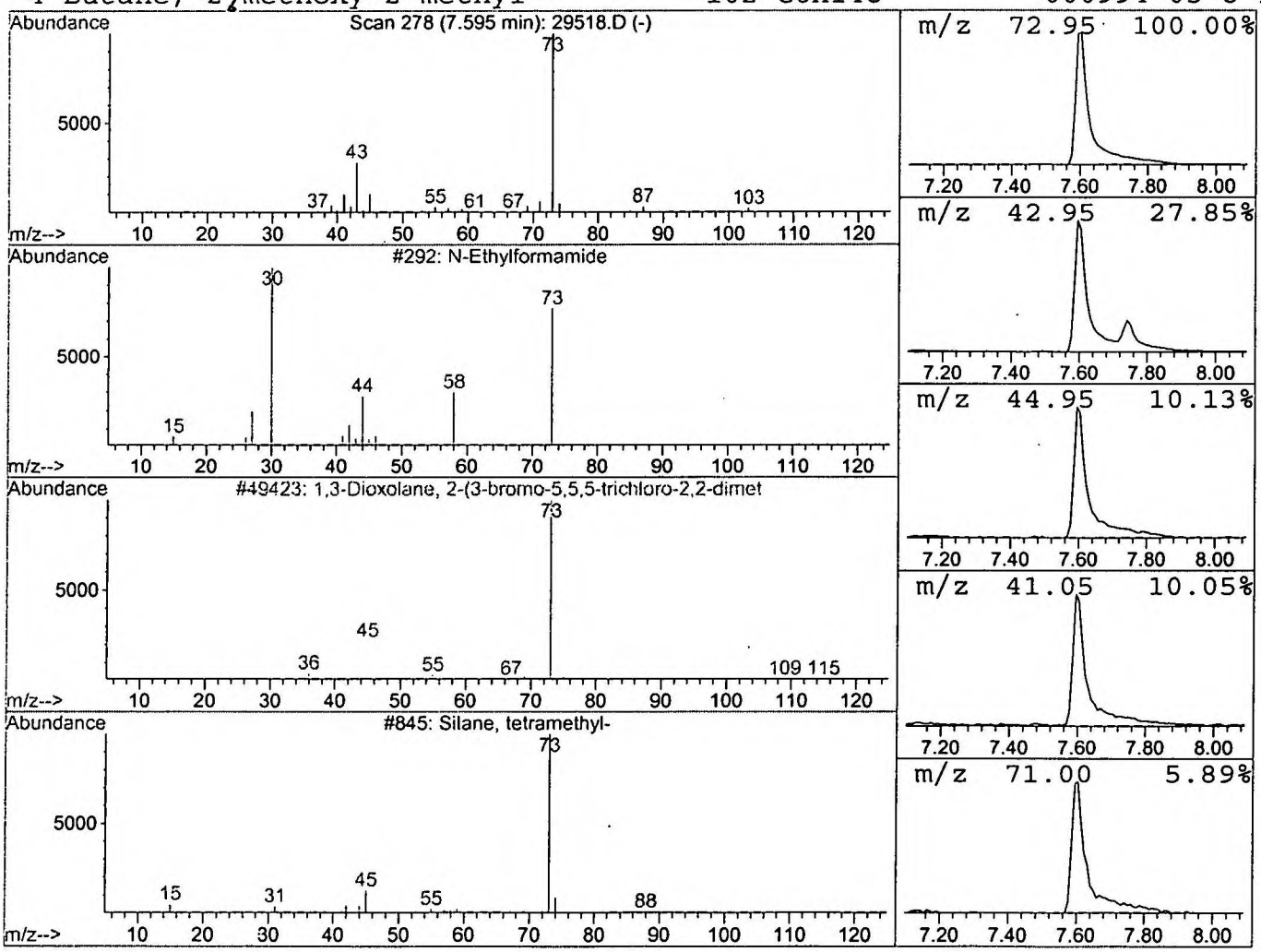
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.60 ug/l	1000800	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29518.D
Acq On : 13 Dec 2001 6:40 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

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

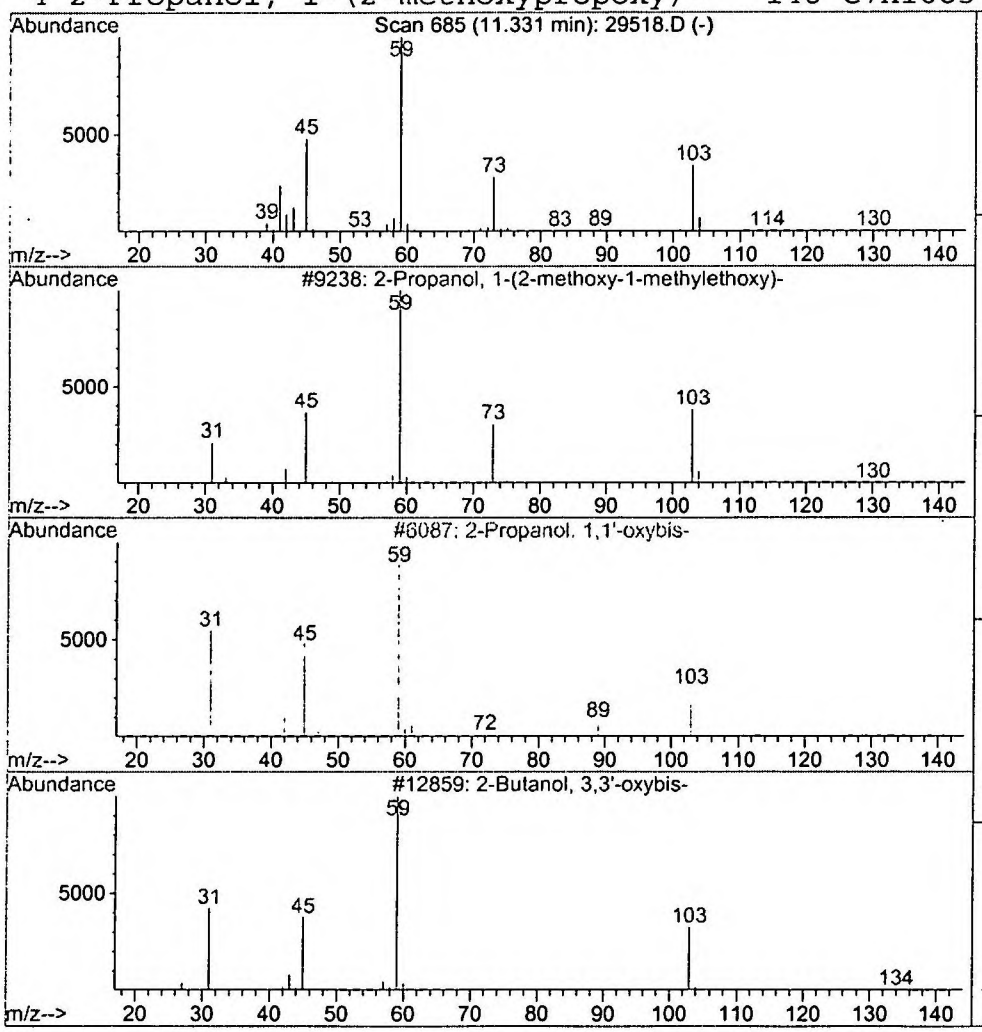
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

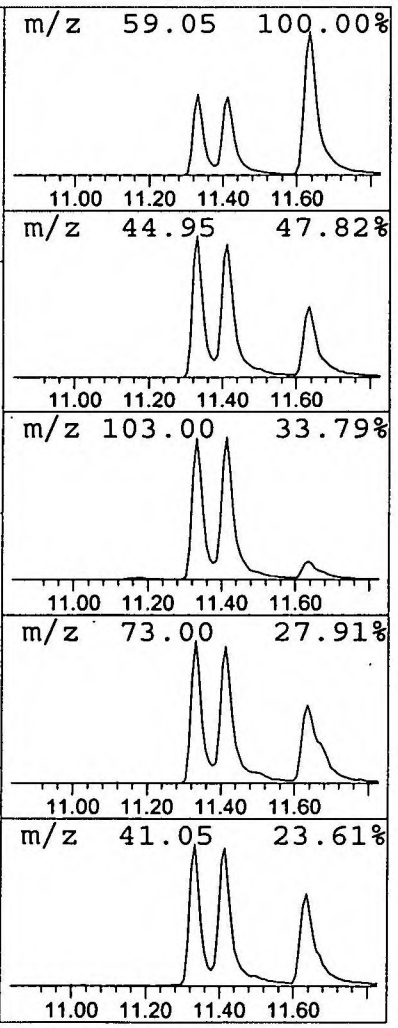
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	2.88 ug/l	1107070	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-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29518.D
Acq On : 13 Dec 2001 6:40 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

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

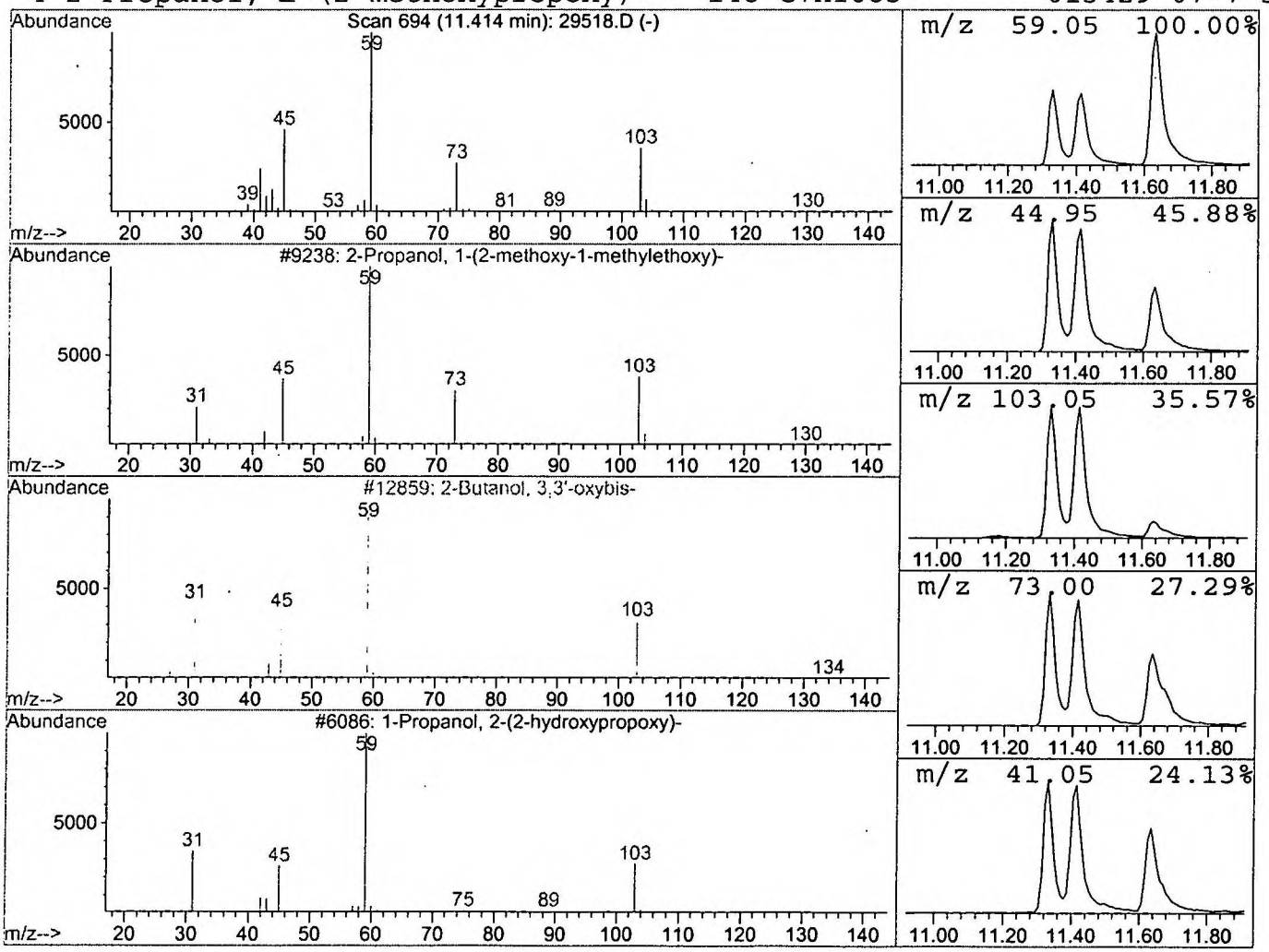
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	3.46 ug/l	1331820	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	64
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
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 6:40 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\29518.D
Name: gcms scan 12/6
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	7.59	2.6	ug/l	1000800	ISTD01	11.67	7699750	20.0
2-Propanol, 1-(2-met	11.33	2.9	ug/l	1107070	ISTD01	11.67	7699750	20.0
2-Propanol, 1-(2-met	11.41	3.5	ug/l	1331820	ISTD01	11.67	7699750	20.0

29518.D GCMS1126.M Fri Dec 21 13:13:06 2001