Comments for Sample AD29464 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 15:05:16

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 0.48 ug/L.

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

Sample: AD29464
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 15:03 Ended: 1/4/02 15:03 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		75		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\29464.D Vial: 14
Acq On : 13 Dec 2001 10:34 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 13 23:22 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	1128020	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4347000	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2140624	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3133692	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	2095953	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1466835	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	170893	3.77	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 75.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	377	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	13.12	77	133	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	15.32	128	1612	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	20.12	165	191	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.55	153	181	N.D.		
24) 2,4-Dinitrotoluene	21.33	165	180	N.D.		
25) Diethylphthalate	22.07	149	1690	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	23.06	77	105	N.D.		

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

Quantitation Report (QT Reviewed)

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Acq On : 13 Dec 2001 10:34 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 13 23:22 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

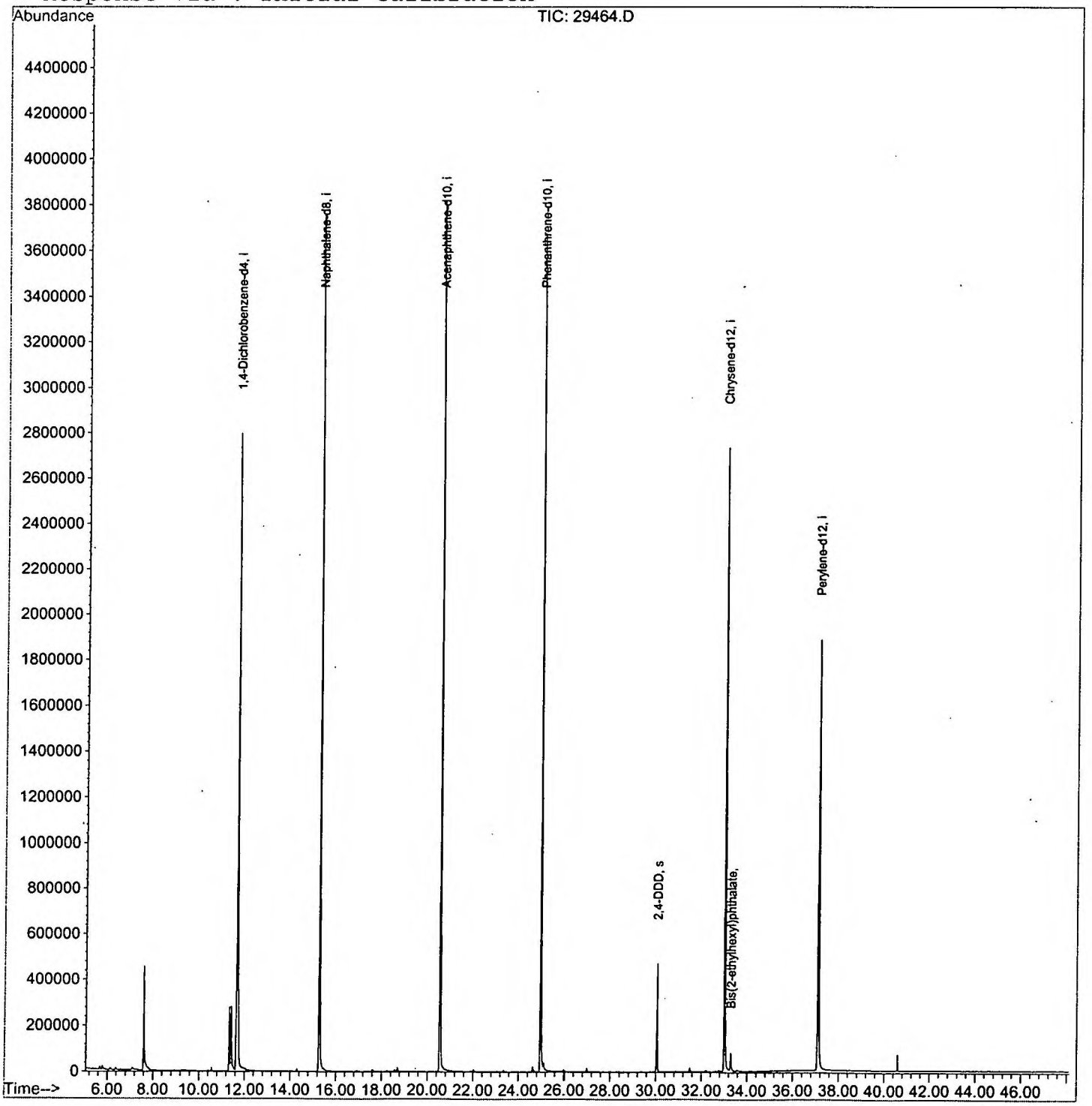
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.03	178	516	N.D.	
34)	Anthracene	25.03	178	516	N.D.	
35)	Di-n-butylphthalate	26.99	149	21982	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	11217	N.D.	
41)	Benzo(a)anthracene	33.01	228	5282	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	61078	0.48 ug/l	98
43)	Chrysene	33.01	228	5282	N.D.	
45)	Di-n-Octylphthalate	35.09	149	591	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	37.11	252	6141	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\29464.D Vial: 14
Acq On : 13 Dec 2001 10:34 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 13 23:22 2001 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\29464.D Vial: 14
Acq On : 13 Dec 2001 10:34 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

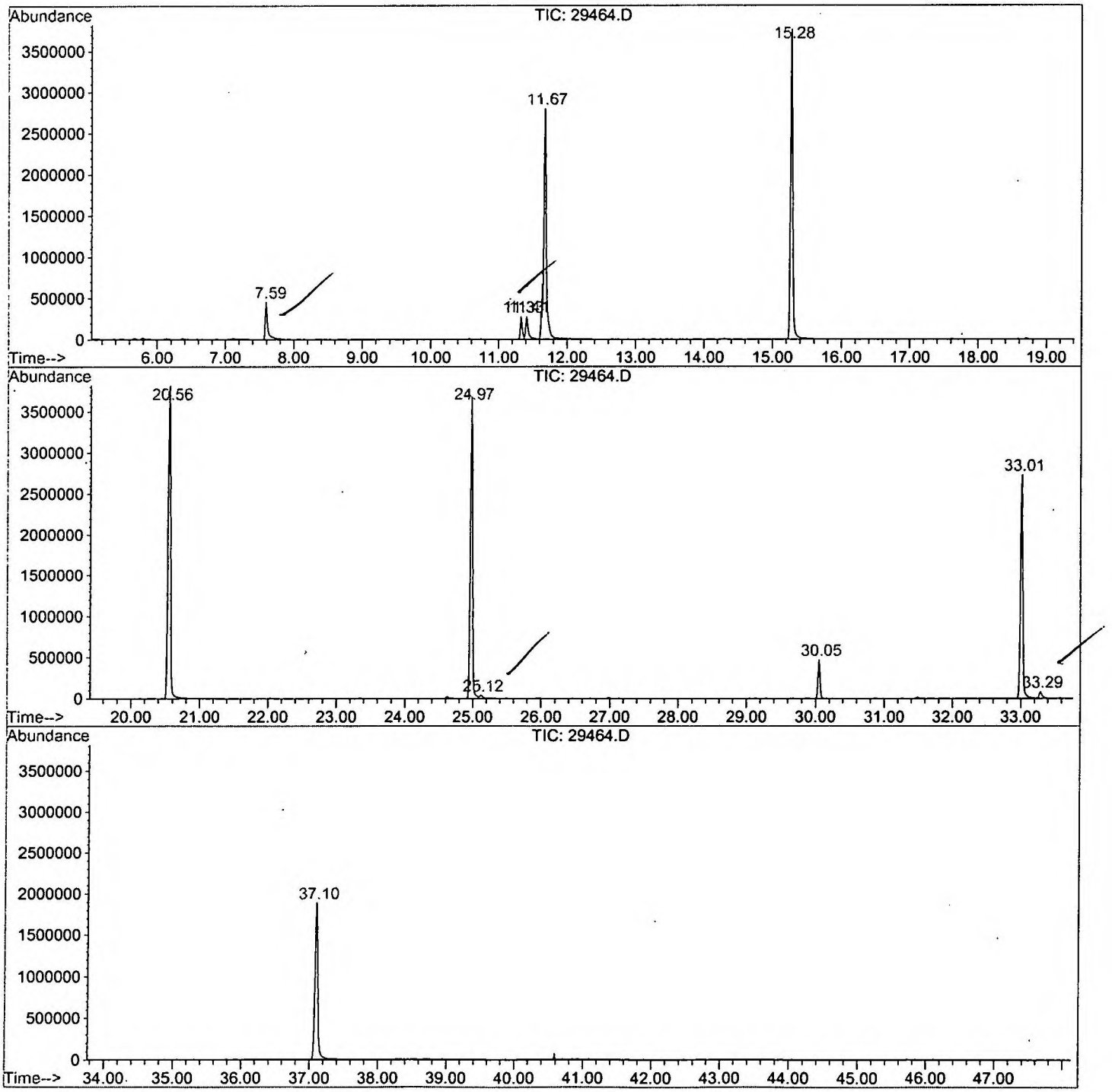
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	312	rVB	453101	1198414	13.61%	2.473%
2	11.330	681	685	690	rBV	275912	554616	6.30%	1.145%
3	11.413	690	694	714	rVB	274591	703995	7.99%	1.453%
4	11.670	714	722	739	rBV2	2791411	7295779	82.84%	15.056%
5	15.278	1109	1115	1134	rBV	3756289	8267894	93.88%	17.063%
6	20.556	1683	1690	1714	rBV	3818459	8806713	100.00%	18.174%
7	24.972	2164	2171	2183	rBV2	3673770	8343539	94.74%	17.219%
8	25.119	2183	2187	2200	rVB	35563	122827	1.39%	0.253%
9	30.049	2718	2724	2735	rBV	470305	947400	10.76%	1.955%
10	33.014	3038	3047	3070	rBV2	2731117	6646624	75.47%	13.717%
11	33.290	3072	3077	3092	rVB	78454	227155	2.58%	0.469%
12	37.099	3484	3492	3518	rBV2	1882580	5341532	60.65%	11.023%

Sum of corrected areas: 48456488

29464.D GCMS1126.M Fri Dec 21 13:09:20 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\29464.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 10:34 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/6
Misc Info :
Vial Number: 14
Quant File :GCMS1126.RES (RTE Integrator)



29464.D GCMS1126.M Fri Dec 21 13:09:26 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29464.D
Acq On : 13 Dec 2001 10:34 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

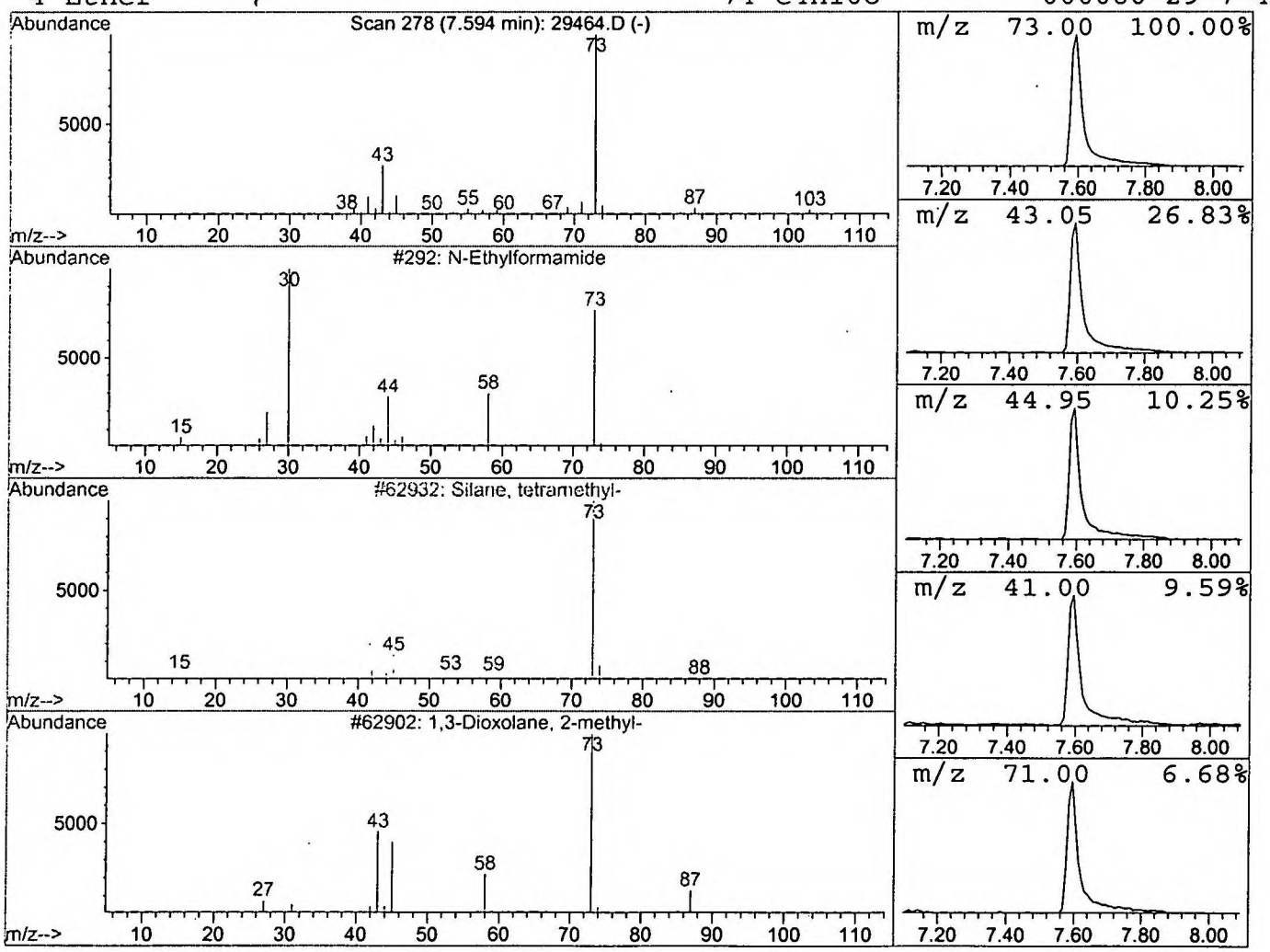
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.29 ug/l	1198410	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-methyl-	88	C4H8O2	000497-26-7	5
4	Ether	74	C4H10O	000060-29-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29464.D
Acq On : 13 Dec 2001 10:34 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

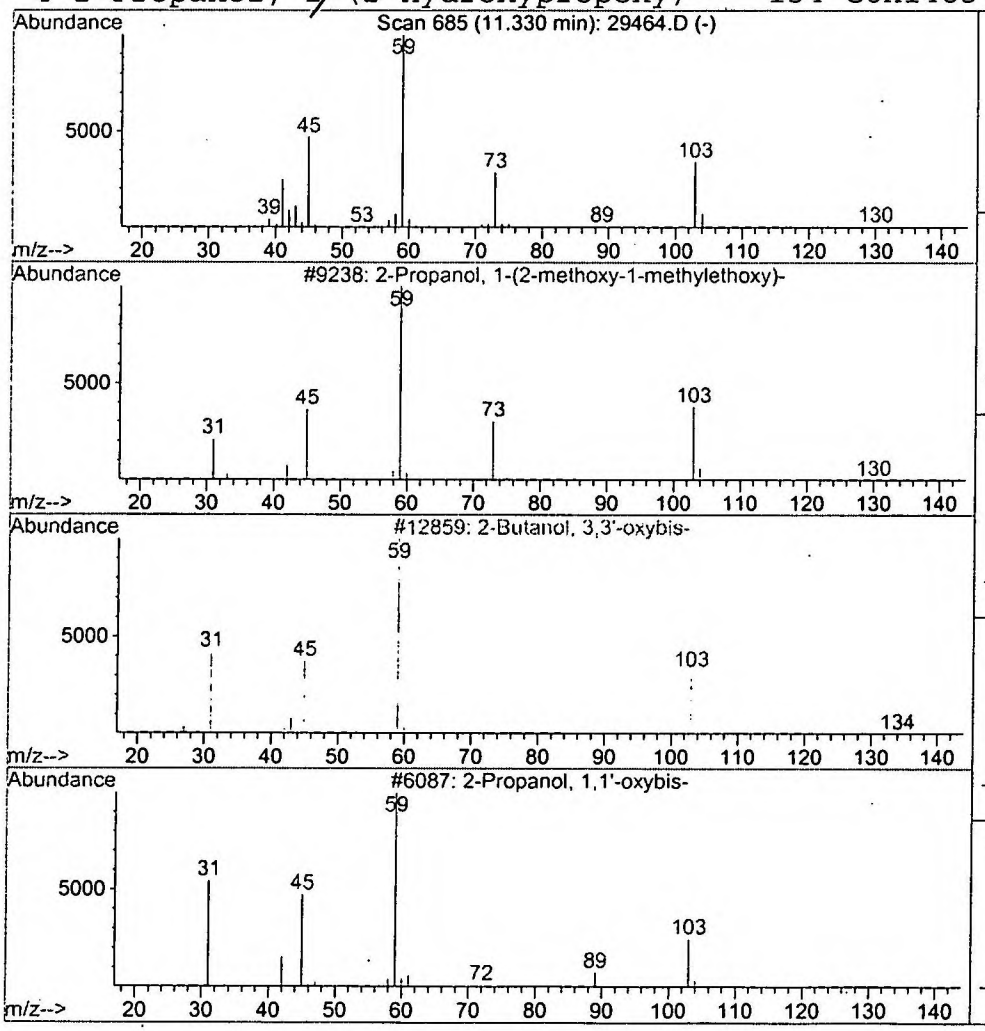
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

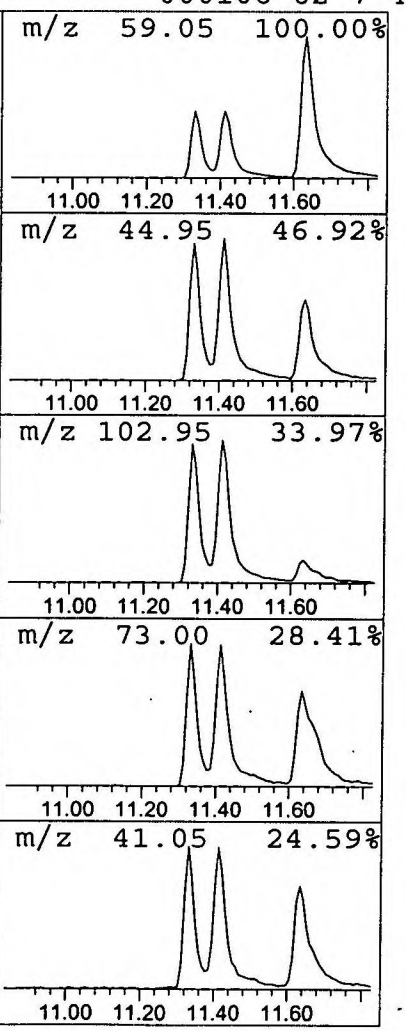
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	1.52 ug/l	554616	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	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\29464.D
Acq On : 13 Dec 2001 10:34 pm
Sample : gcms scan 12/6
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

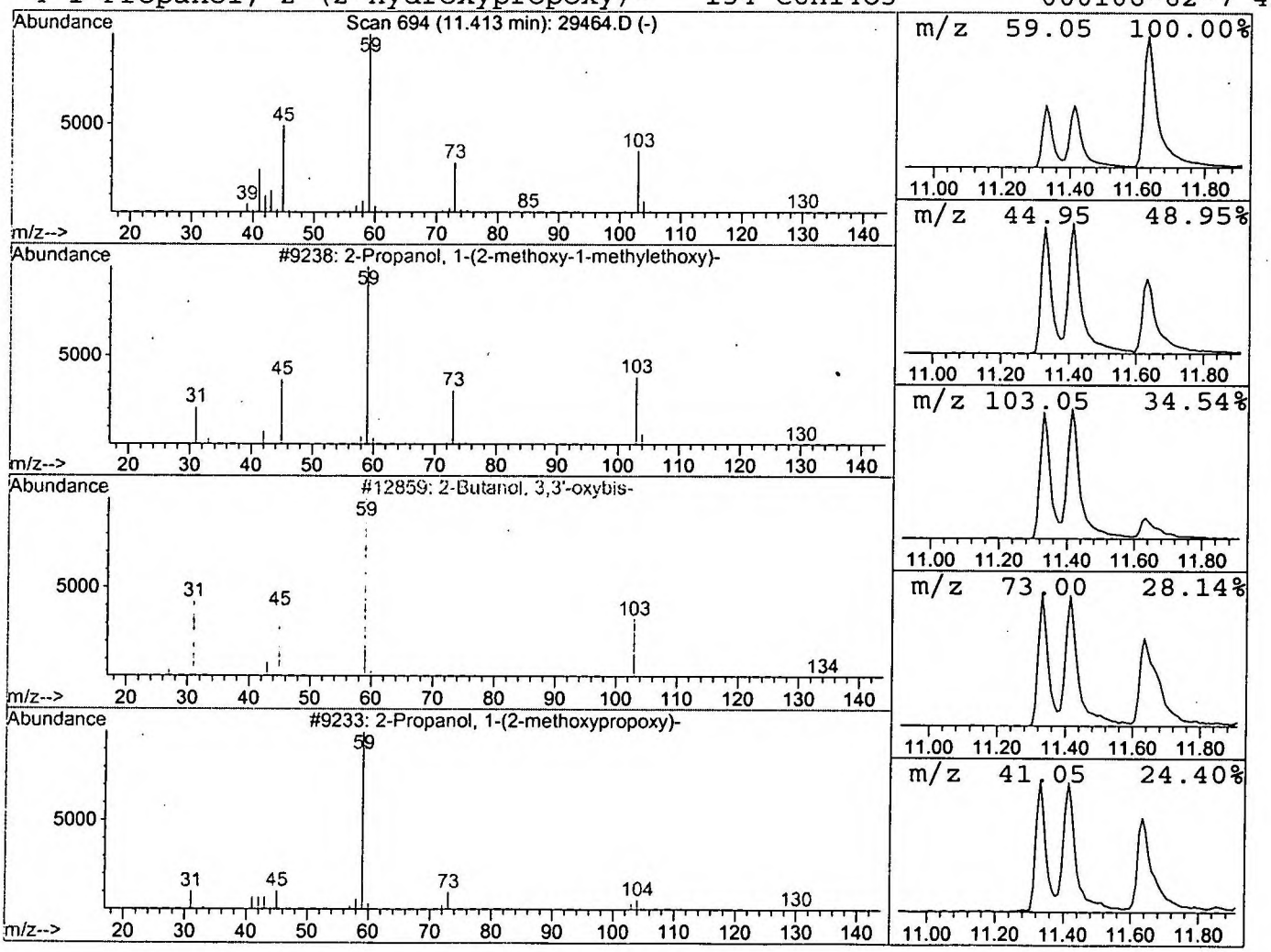
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.93 ug/l	703995	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	78
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



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 10:34 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\29464.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	3.3	ug/l	1198410	ISTD01	11.67	7295780	20.0
2-Propanol, 1-(2-met	11.33	1.5	ug/l	554616	ISTD01	11.67	7295780	20.0
2-Propanol, 1-(2-met	11.41	1.9	ug/l	703995	ISTD01	11.67	7295780	20.0

29464.D GCMS1126.M Fri Dec 21 13:09:45 2001