Comments for Sample AD28967 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-15-2001 Time: 09:12:46

A GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.32 ug/L. It is also present in the Laboratory Blank at 0.41 ug/L. Recoveries for 5 of the 43 compounds in the LCS Standard were above their acceptance ranges.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/15/2001 Time: 09:11:29

Sample: AD28967
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/15/01 09:11 Ended: 12/15/01 09:11 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Sum 2,4-DNT	TARGET	111 %		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D Vial: 13
Acq On : 8 Dec 2001 2:38 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:49 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	926885	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3571040	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1788469	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2662349	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1703915	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1153237	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	177118	5.59	ug/mL	-0.01
Spiked Amount 5.000			Recovery =	111.80%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.12	74	447	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	12.96	77	267	N.D.		
12) Isophorone	13.50	82	101	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	534	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	21.11	165	180	N.D.		
25) Diethylphthalate	22.07	149	967	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\DEC0701\28967.D Vial: 13
Acq On : 8 Dec 2001 2:38 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:49 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	25.05	178	101	N.D.	
34)	Anthracene	25.05	178	101	N.D.	
35)	Di-n-butylphthalate	26.99	149	22175	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.50	149	2083	N.D.	
41)	Benzo(a)anthracene	33.01	228	4567	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	32722	0.32 ug/l	100
43)	Chrysene	33.01	228	4567	N.D.	
45)	Di-n-Octylphthalate	35.04	149	183	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	37.09	252	4584	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

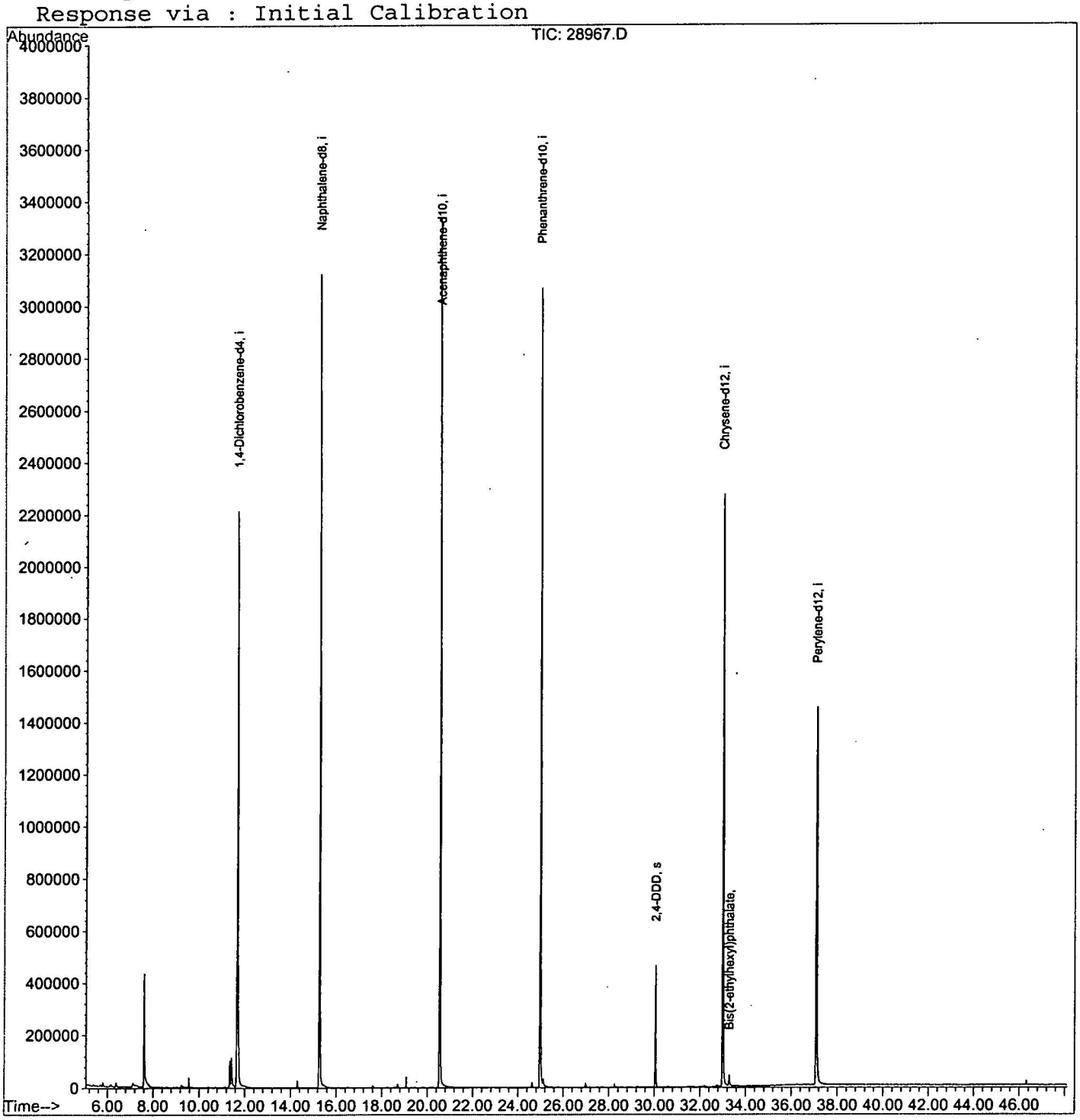
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D
Acq On : 8 Dec 2001 2:38 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:49 2001

Vial: 13
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 : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D Vial: 13
Acq On : 8 Dec 2001 2:38 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan 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

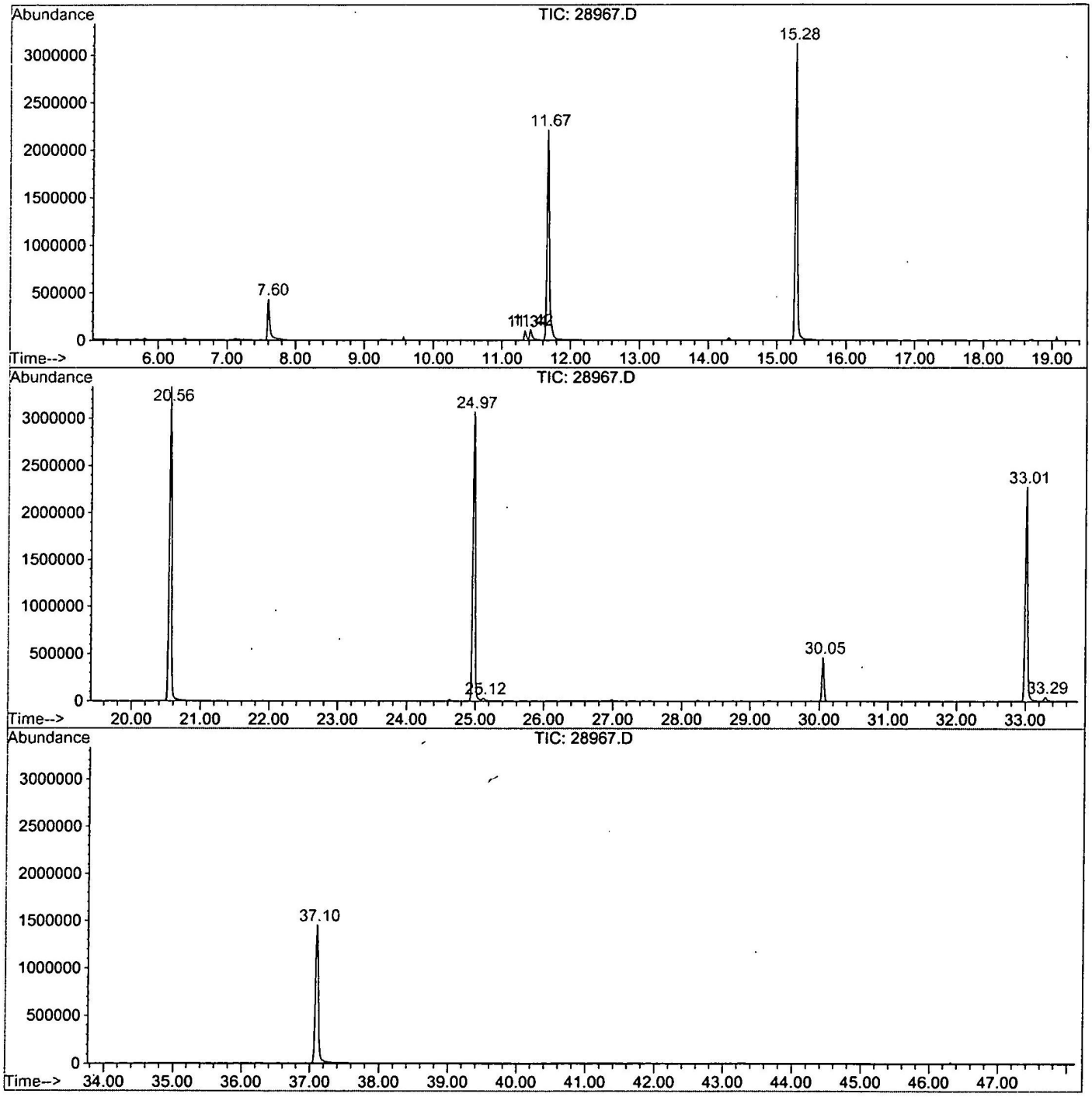
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.602	275	279	293	rBV	432007	1040149	14.04%	2.677%
2	11.339	682	686	691	rBV	101901	213468	2.88%	0.549%
3	11.421	691	695	711	rVB	112263	300299	4.05%	0.773%
4	11.669	715	722	740	rBV	2208927	5314102	71.71%	13.676%
5	15.277	1109	1115	1133	rBV	3120625	6706921	90.51%	17.260%
6	20.556	1683	1690	1713	rBV	3334235	7410157	100.00%	19.070%
7	24.972	2165	2171	2183	rBV2	3066880	7060415	95.28%	18.170%
8	25.118	2183	2187	2198	rVB2	28940	93366	1.26%	0.240%
9	30.048	2719	2724	2732	rBV	462776	964900	13.02%	2.483%
10	33.014	3040	3047	3066	rBV2	2272670	5407340	72.97%	13.915%
11	33.289	3072	3077	3093	rVB	43430	136199	1.84%	0.351%
12	37.099	3484	3492	3506	rBV2	1445018	4211120	56.83%	10.837%

Sum of corrected areas: 38858436

28967.D GCMS1126.M Thu Dec 13 10:22:05 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\28967.D
Operator : 209 GALOS
Acquired : 8 Dec 2001 2:38 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/29 gc/ms scan
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



28967.D GCMS1126.M Thu Dec 13 10:22:10 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D
Acq On : 8 Dec 2001 2:38 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

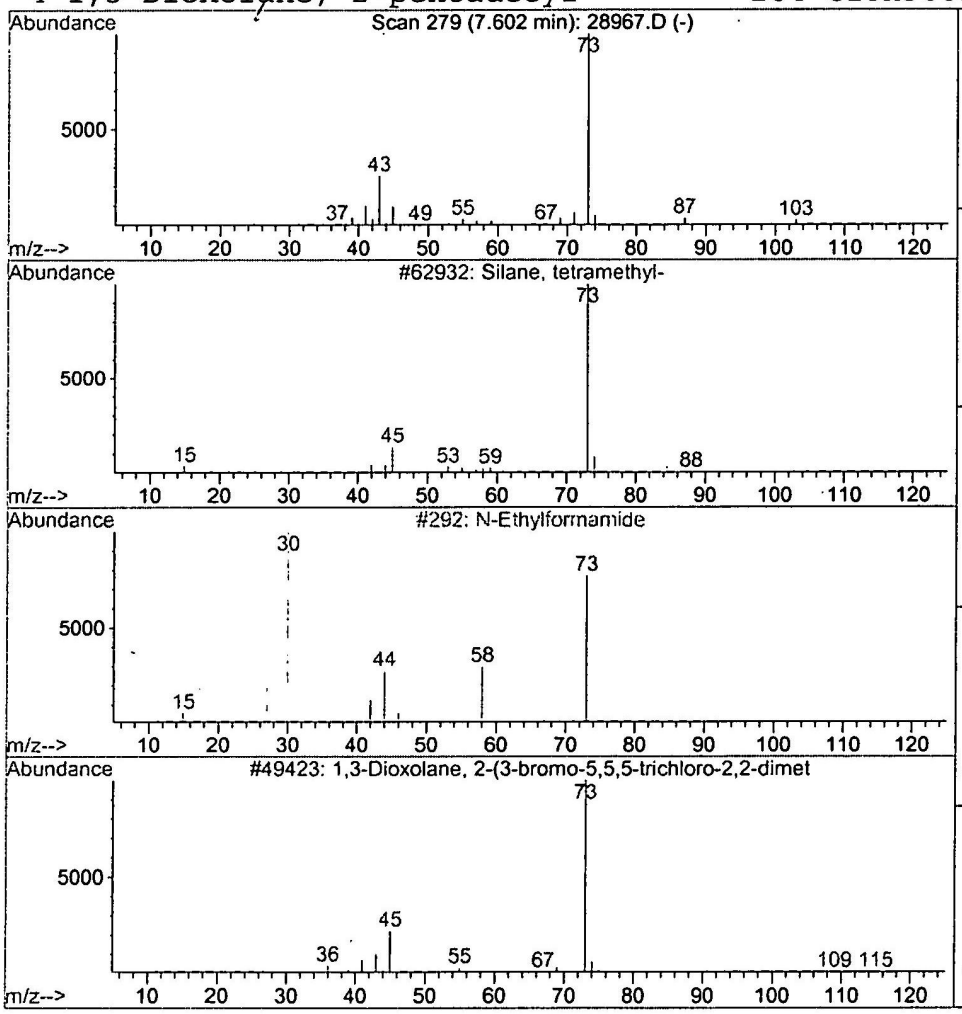
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

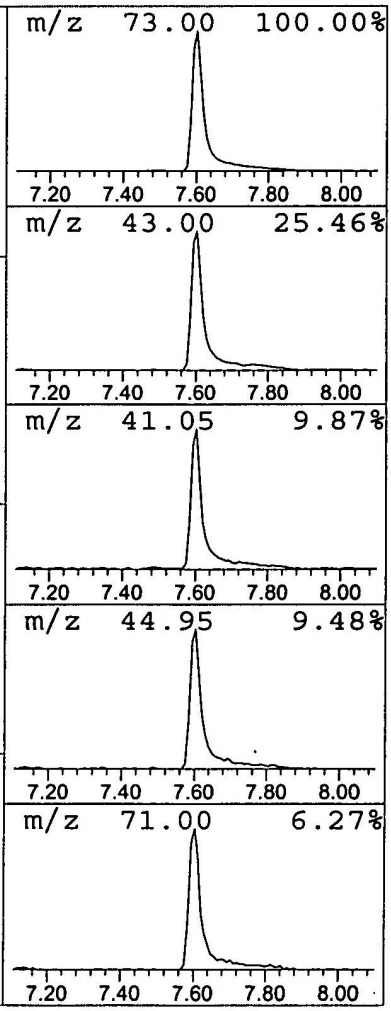
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.91 ug/l	1040150	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D
Acq On : 8 Dec 2001 2:38 am
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

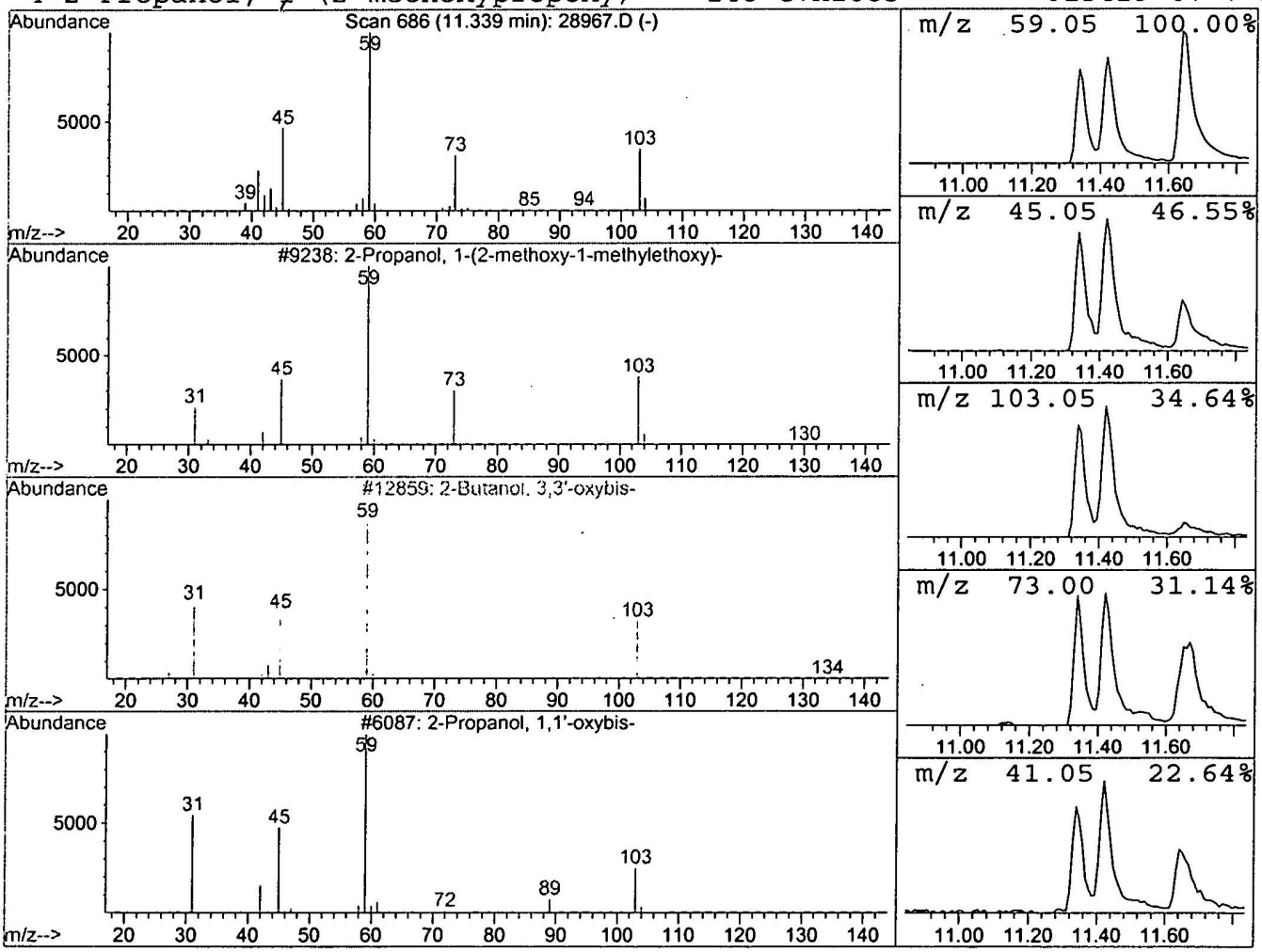
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.80 ug/l	213468	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	83
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	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28967.D Vial: 13
Acq On : 8 Dec 2001 2:38 am Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

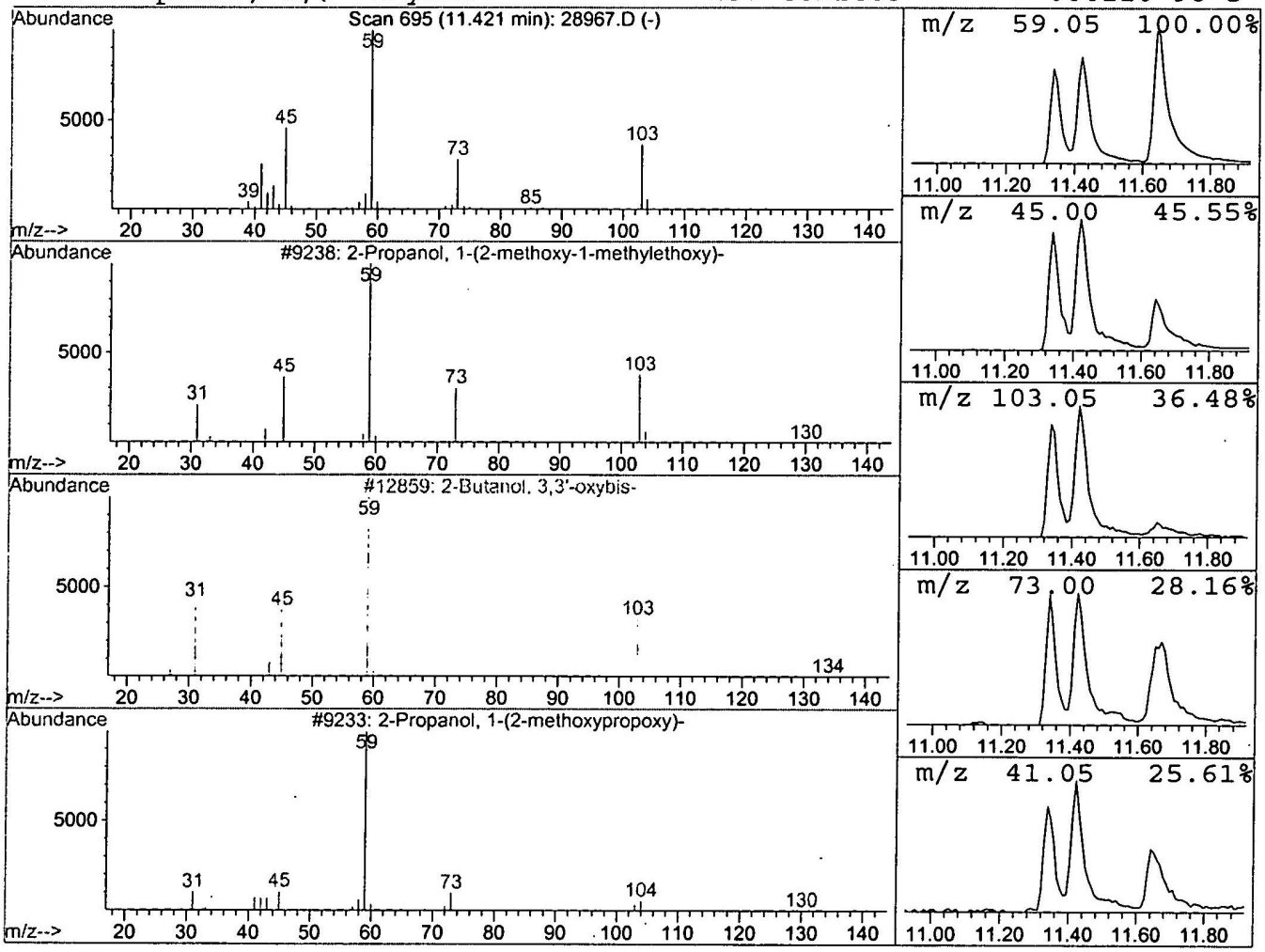
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.13 ug/l	300299	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	83
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	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	40



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 8 Dec 2001 2:38 am
Data File: C:\HPCHEM\1\DATA\DEC0701\28967.D
Name: 11/29 gc/ms scan
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
Silane, tetramethyl-	7.60	3.9	ug/l	1040150	ISTD01	11.67	5314100	20.0
2-Propanol, 1-(2-met	11.34	0.8	ug/l	213468	ISTD01	11.67	5314100	20.0
2-Propanol, 1-(2-met	11.42	1.1	ug/l	300299	ISTD01	11.67	5314100	20.0

28967.D GCMS1126.M Thu Dec 13 10:22:28 2001