User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 14:57:01

Sample: AD29296
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 14:56 Ended: 12/28/01 14:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AD29296 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 14:57:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for Di-n-butylphthalate at an estimated level of 0.30 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29296.D Vial: 9
Acq On : 12 Dec 2001 7:32 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:46 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	941928	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3571375	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1783280	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2533324	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1559398	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1058366	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	161098	5.34	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 106.80%			
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	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	15.33	128	1395	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	20.57	153	101	N.D.		
24) 2,4-Dinitrotoluene	21.28	165	105	N.D.		
25) Diethylphthalate	22.10	149	1112	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\29296.D Vial: 9
Acq On : 12 Dec 2001 7:32 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:46 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

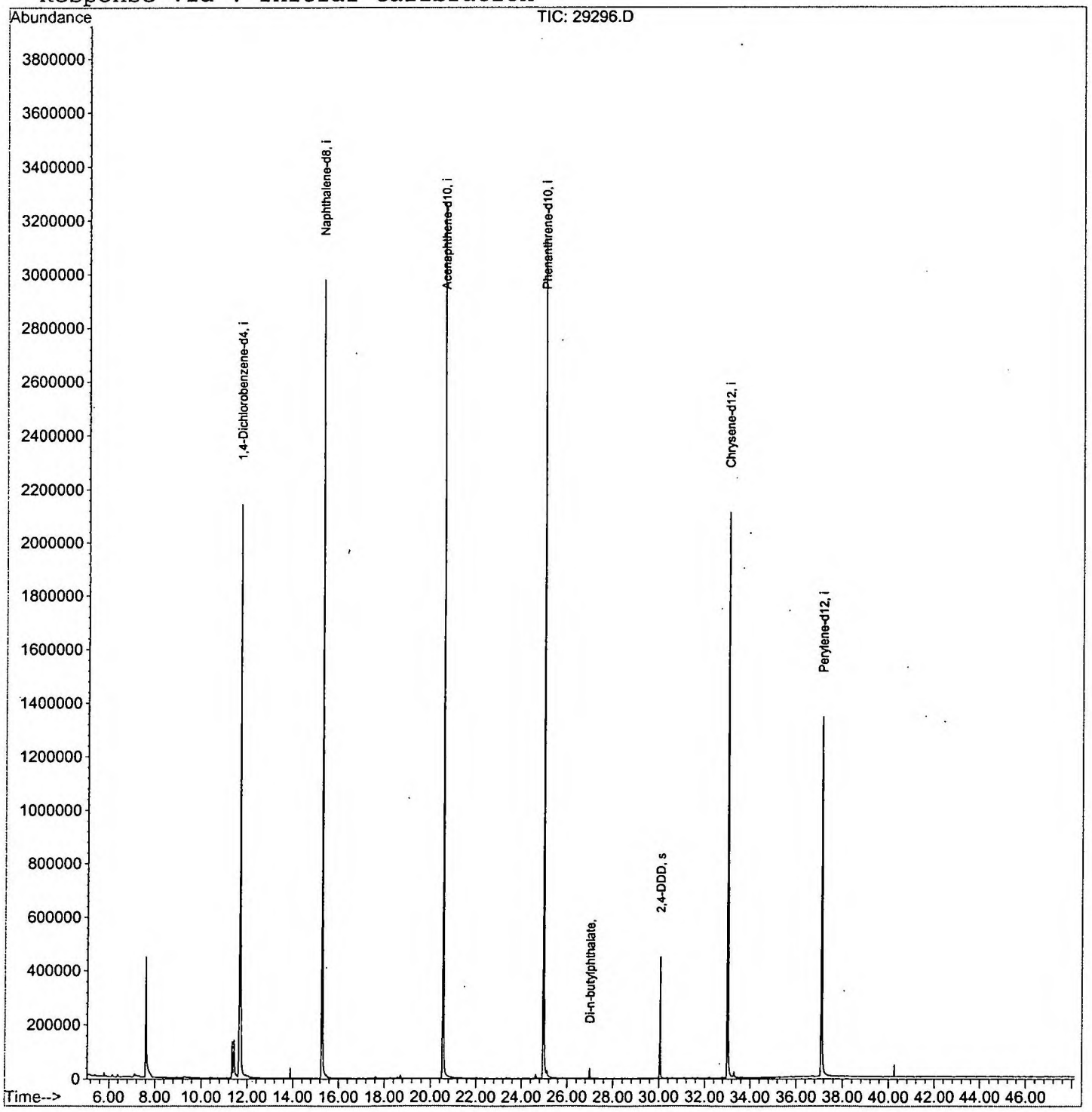
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	111	N.D.	
34)	Anthracene	25.05	178	111	N.D.	
35)	Di-n-butylphthalate	26.99	149	53611	0.30 ug/l	99
36)	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	3786	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	16821	N.D.	
43)	Chrysene	33.01	228	3786	N.D.	
45)	Di-n-Octylphthalate	35.34	149	107	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	4012	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\29296.D Vial: 9
Acq On : 12 Dec 2001 7:32 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:46 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\DEC1001\29296.D Vial: 9
Acq On : 12 Dec 2001 7:32 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 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

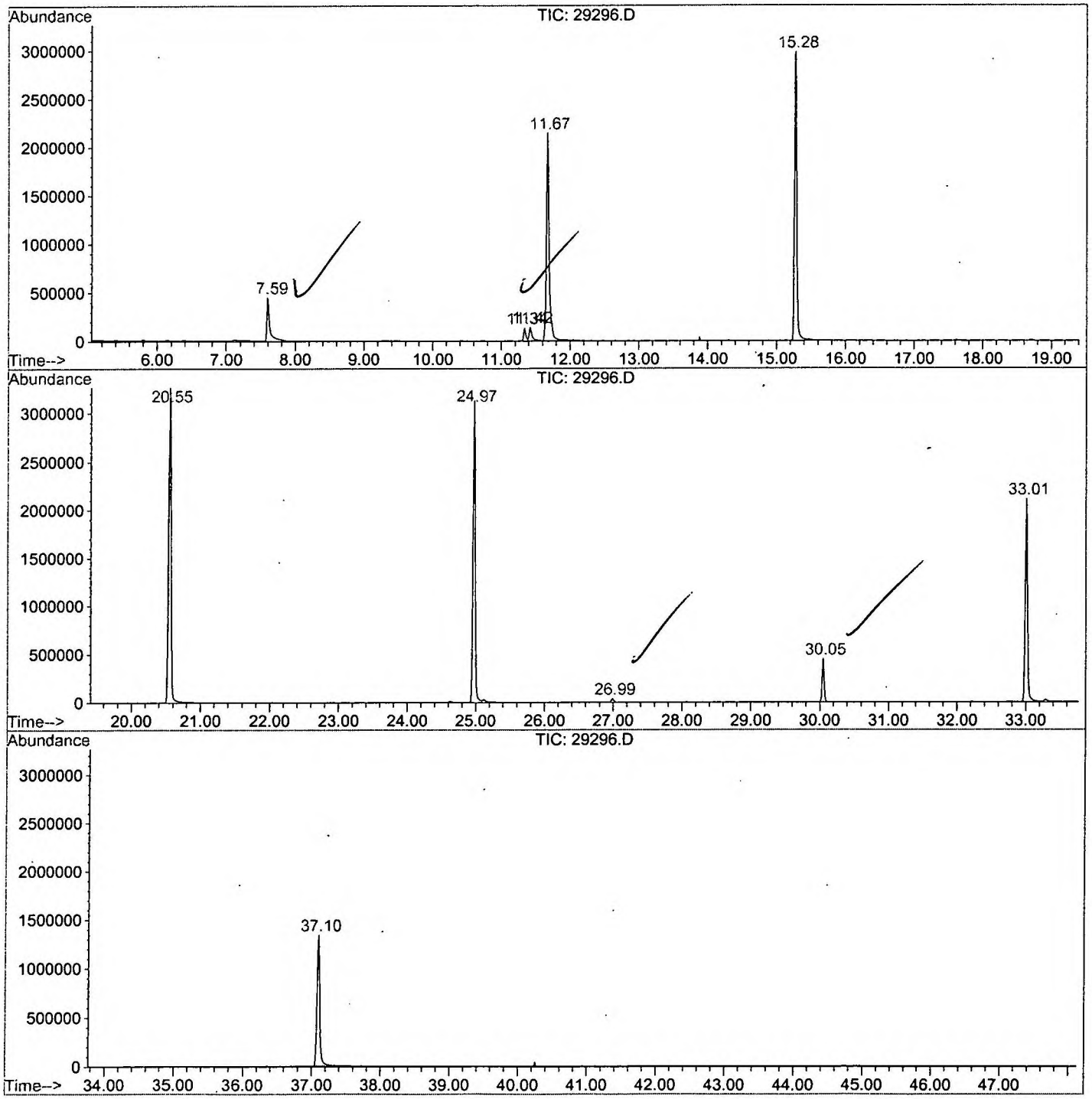
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	312	rBV	445464	1288187	17.62%	3.368%
2	11.340	682	686	691	rBV	134396	285053	3.90%	0.745%
3	11.422	691	695	714	rVB	139621	397341	5.44%	1.039%
4	11.670	714	722	746	rBV2	2138745	5732863	78.43%	14.990%
5	15.278	1109	1115	1133	rBV	2978516	6772424	92.65%	17.709%
6	20.548	1683	1689	1706	rBV	3266734	7309837	100.00%	19.114%
7	24.973	2164	2171	2184	rBV2	3123217	6729360	92.06%	17.596%
8	26.992	2386	2391	2399	rBV	37892	84270	1.15%	0.220%
9	30.049	2719	2724	2733	rBV	449016	891479	12.20%	2.331%
10	33.005	3039	3046	3062	rBV2	2111450	4910335	67.17%	12.840%
11	37.100	3484	3492	3516	rBV	1336863	3842637	52.57%	10.048%

Sum of corrected areas: 38243786

29296.D GCMS1126.M Wed Dec 19 12:58:04 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29296.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 7:32 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



29296.D GCMS1126.M Wed Dec 19 12:58:10 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29296.D
Acq On : 12 Dec 2001 7:32 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

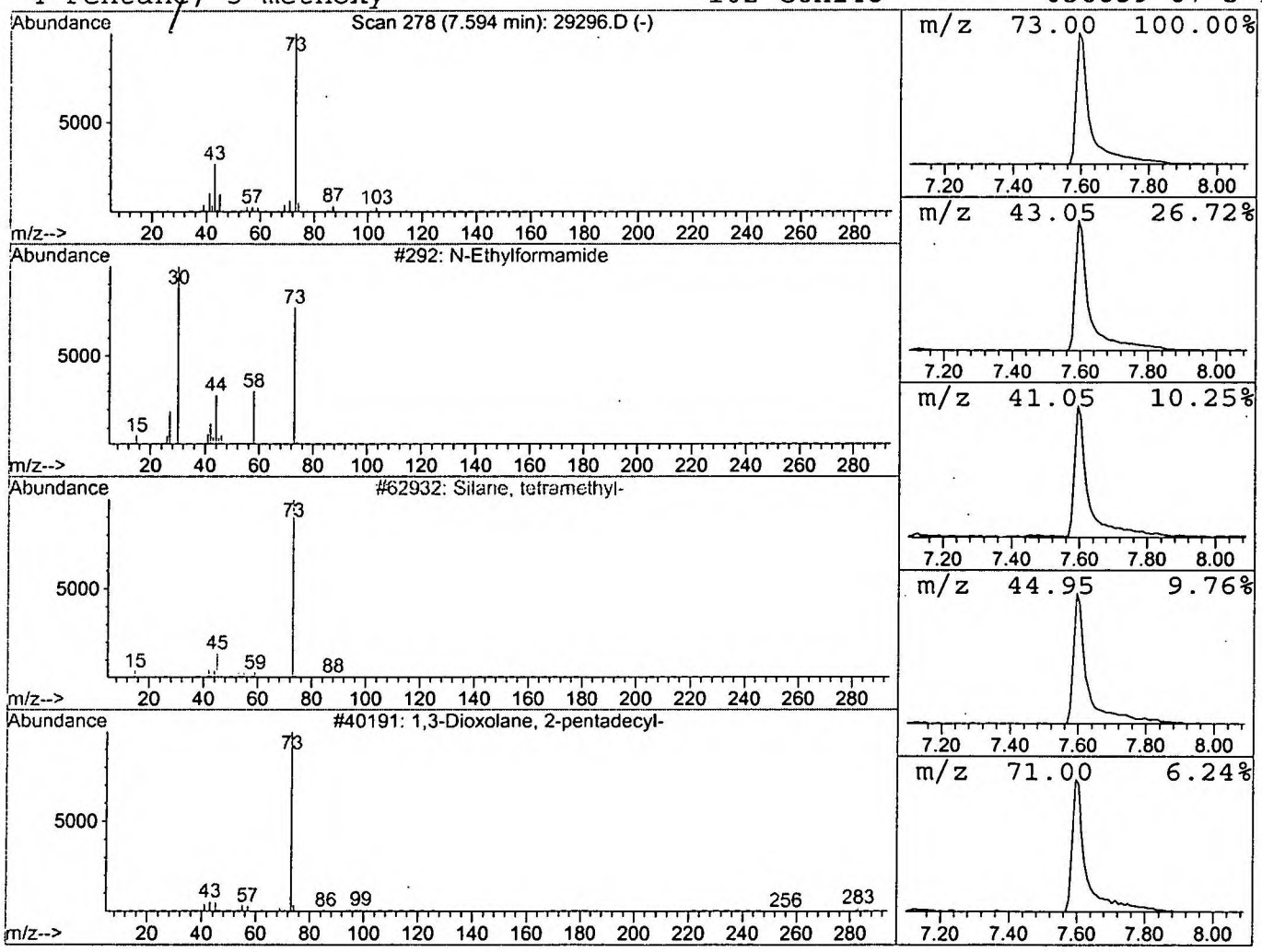
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.49 ug/l	1288190	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-pentadecyl-	284	C18H36O2	004360-57-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29296.D
Acq On : 12 Dec 2001 7:32 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

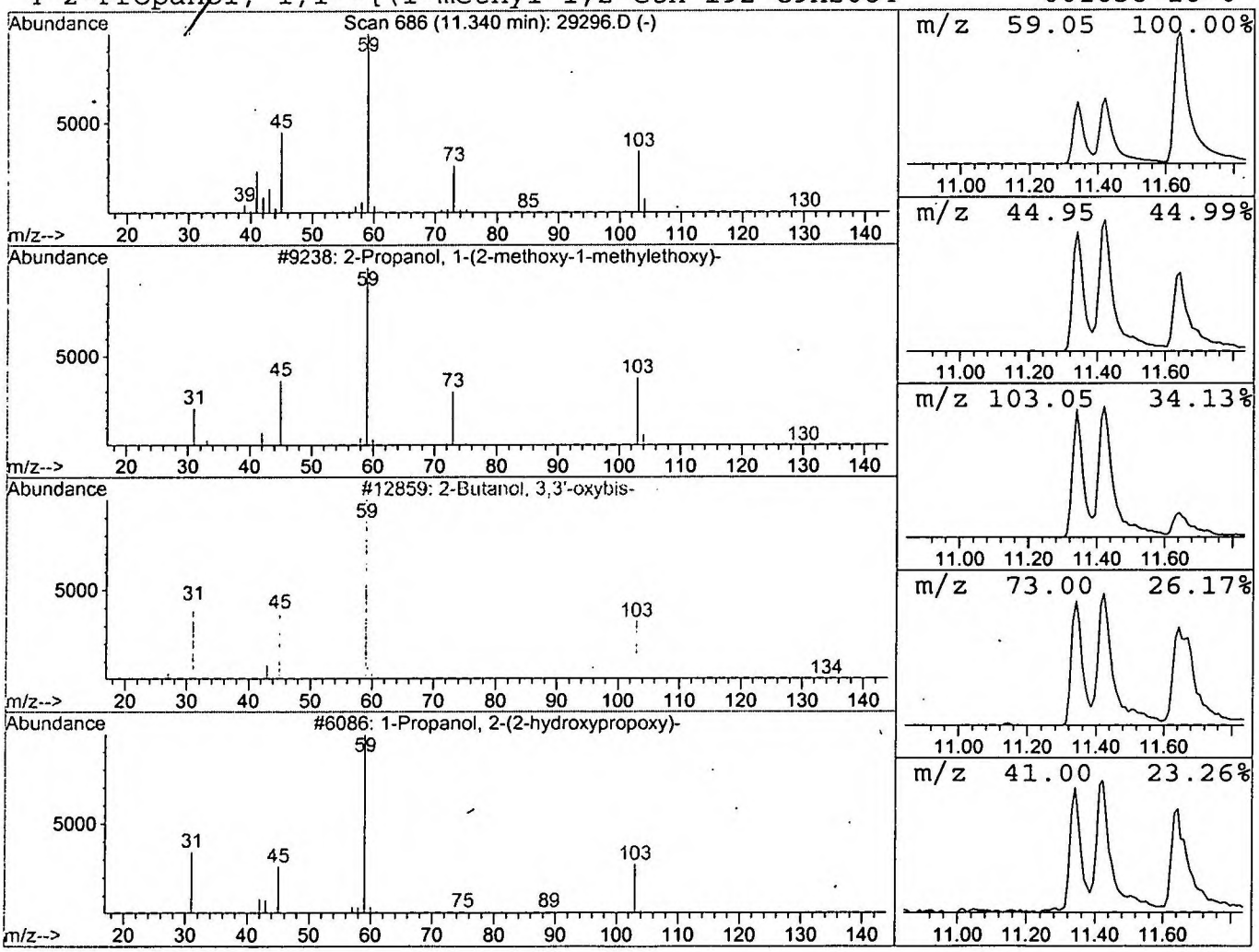
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.99 ug/l	285053	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	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	40



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29296.D
Acq On : 12 Dec 2001 7:32 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

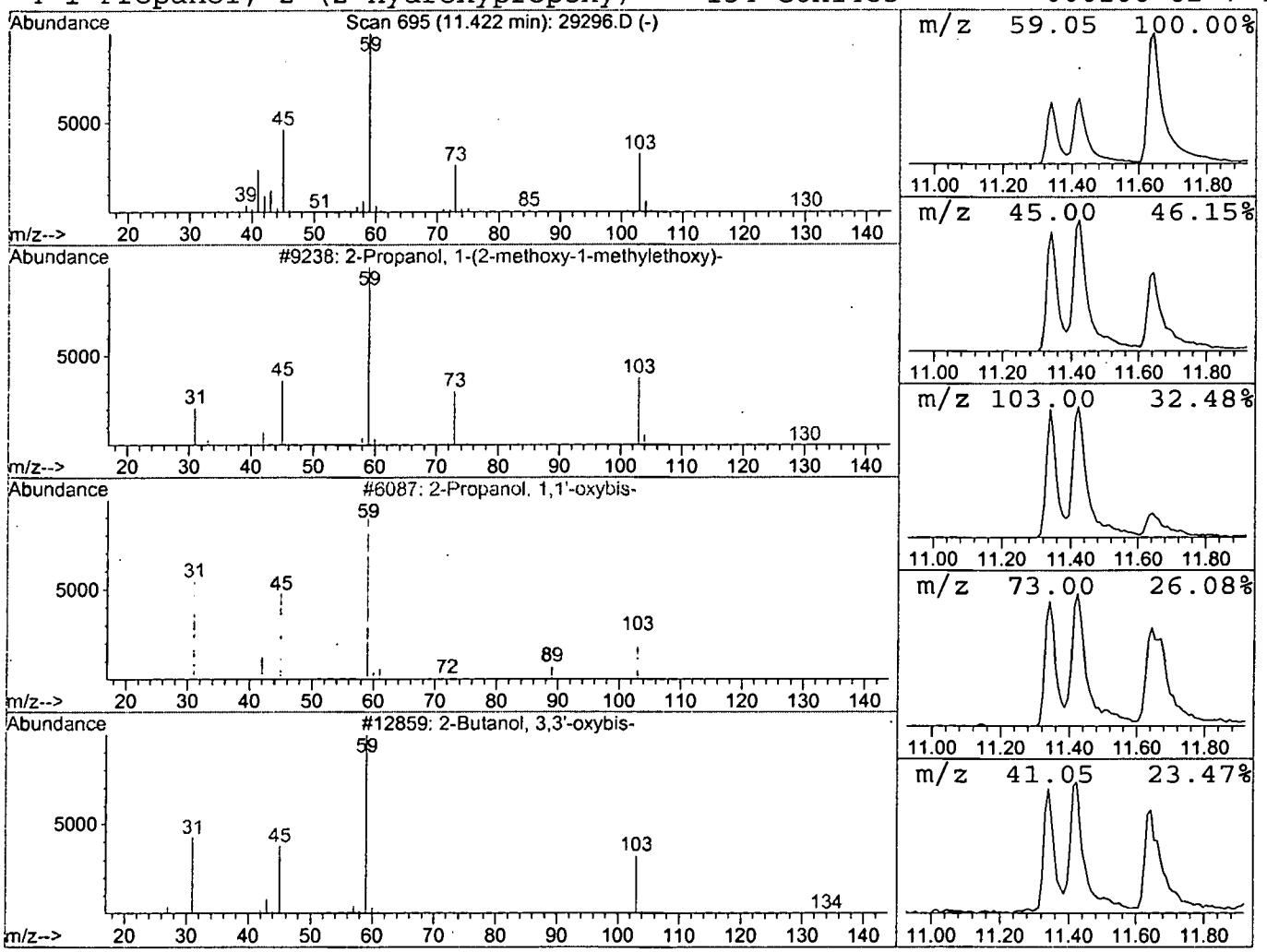
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.39 ug/l	397341	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-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 7:32 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29296.D
Name: gc/ms scan 12/4
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	4.5	ug/l	1288190	ISTD01	11.67	5732860	20.0
2-Propanol, 1-(2-met	11.34	1.0	ug/l	285053	ISTD01	11.67	5732860	20.0
2-Propanol, 1-(2-met	11.42	1.4	ug/l	397341	ISTD01	11.67	5732860	20.0

29296.D GCMS1126.M Wed Dec 19 12:58:29 2001