User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 14:52:15

Sample: AD29291
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 14:50 Ended: 12/28/01 14:50 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AD29291 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 14:52:12

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 0.34 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29291.D Vial: 11
Acq On : 12 Dec 2001 9:29 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 12:47 2001 Quant Results File: GCMS1126.RES

Quant 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
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	831631	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3144237	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1585177	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2255198	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1422570	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	980692	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	170294	5.22	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 104.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	1756	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	1524	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.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.57	153	102	N.D.		
24) 2,4-Dinitrotoluene	21.13	165	210	N.D.		
25) Diethylphthalate	22.09	149	1199	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\29291.D Vial: 11
Acq On : 12 Dec 2001 9:29 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 12:47 2001 Quant Results File: GCMS1126.RES

Quant 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
DataAcq Meth : GCMS1126

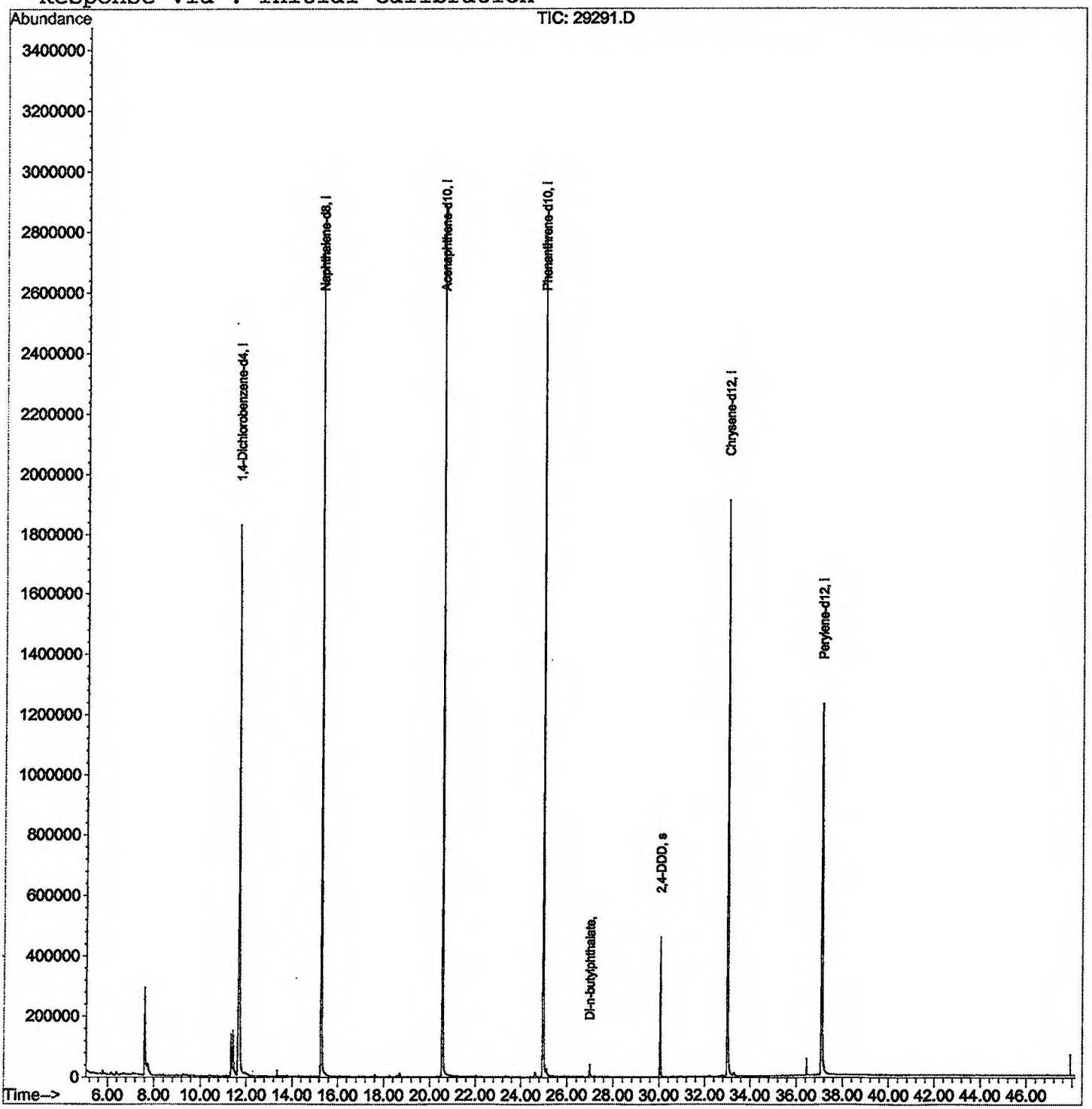
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.04	178	406	N.D.	
34) Anthracene	25.04	178	406	N.D.	
35) Di-n-butylphthalate	26.98	149	54221	0.34 ug/l	99
36) 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	3618	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	8416	N.D.	
43) Chrysene	33.01	228	3618	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	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	3800	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\29291.D Vial: 11
Acq On : 12 Dec 2001 9:29 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 12:47 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\29291.D Vial: 11
Acq On : 12 Dec 2001 9:29 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

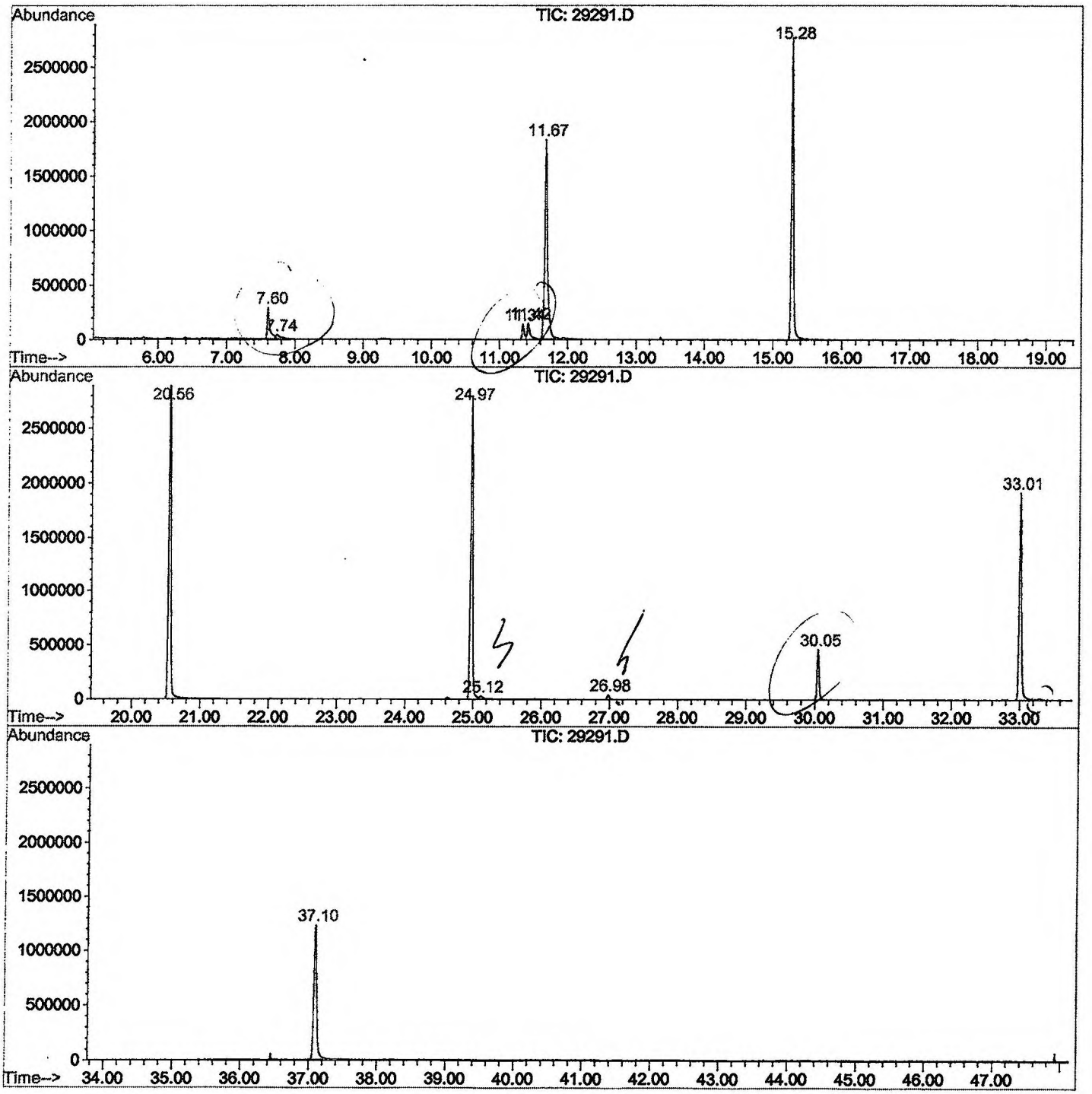
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	290	rBV	289328	750296	11.57%	2.181%
2	7.741	292	294	311	rVB	37643	144708	2.23%	0.421%
3	11.340	682	686	691	rBV	139127	306861	4.73%	0.892%
4	11.422	691	695	714	rVB	148299	424703	6.55%	1.234%
5	11.670	714	722	746	rBV2	1826035	5192779	80.08%	15.094%
6	15.278	1109	1115	1135	rBV	2766245	5983106	92.26%	17.391%
7	20.557	1683	1690	1709	rBV	2893374	6484760	100.00%	18.849%
8	24.972	2165	2171	2183	rBV2	2796404	5975623	92.15%	17.370%
9	25.119	2184	2187	2196	rVB	23895	72790	1.12%	0.212%
10	26.983	2386	2390	2402	rVB	40252	90001	1.39%	0.262%
11	30.049	2718	2724	2736	rBV	461023	929193	14.33%	2.701%
12	33.005	3040	3046	3066	rBV2	1910502	4447062	68.58%	12.926%
13	37.099	3484	3492	3511	rBV	1227782	3600963	55.53%	10.467%

Sum of corrected areas: 34402845

29291.D GCMS1126.M Wed Dec 19 12:54:05 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29291.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 9:29 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



29291.D GCMS1126.M Wed Dec 19 12:54:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29291.D
Acq On : 12 Dec 2001 9:29 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

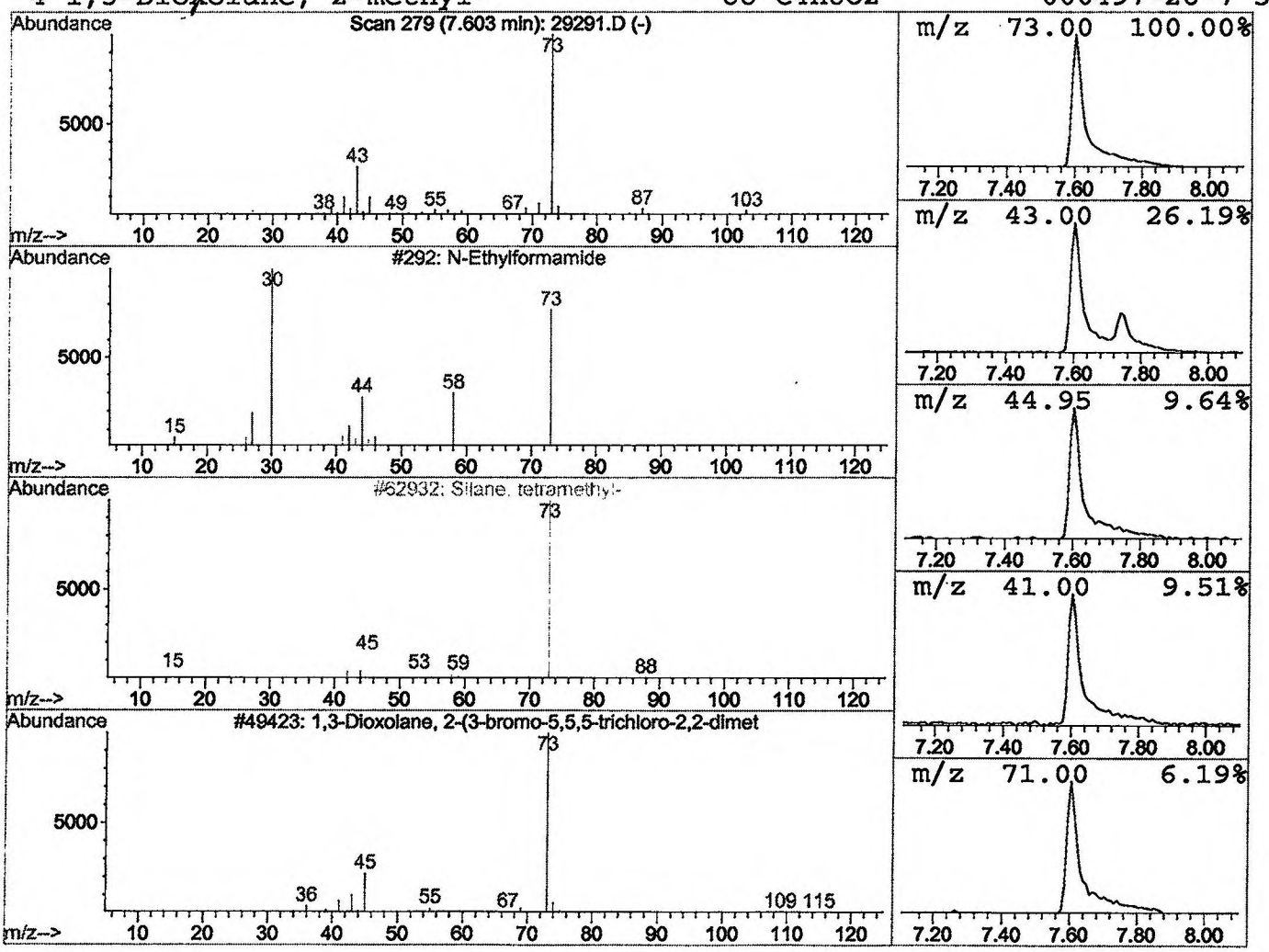
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.89 ug/l	750296	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-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29291.D
Acq On : 12 Dec 2001 9:29 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

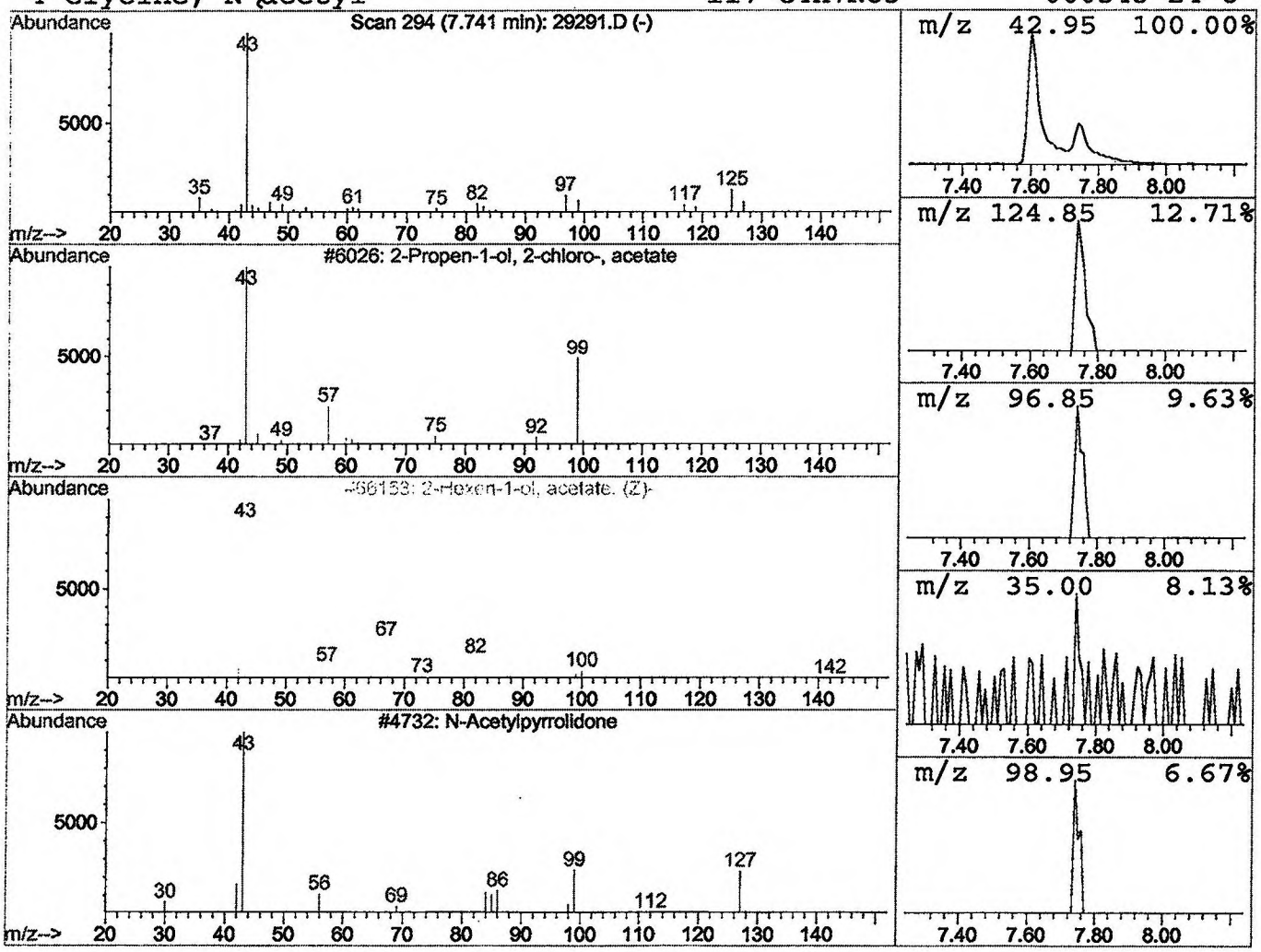
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propen-1-ol, 2-chloro-, acet Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.56 ug/l	144708	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propen-1-ol, 2-chloro-, acetate	134	C5H7ClO2	000692-72-8	9
2	2-Hexen-1-ol, acetate, (Z)-	142	C8H14O2	056922-75-9	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4
4	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29291.D Vial: 11
Acq On : 12 Dec 2001 9:29 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

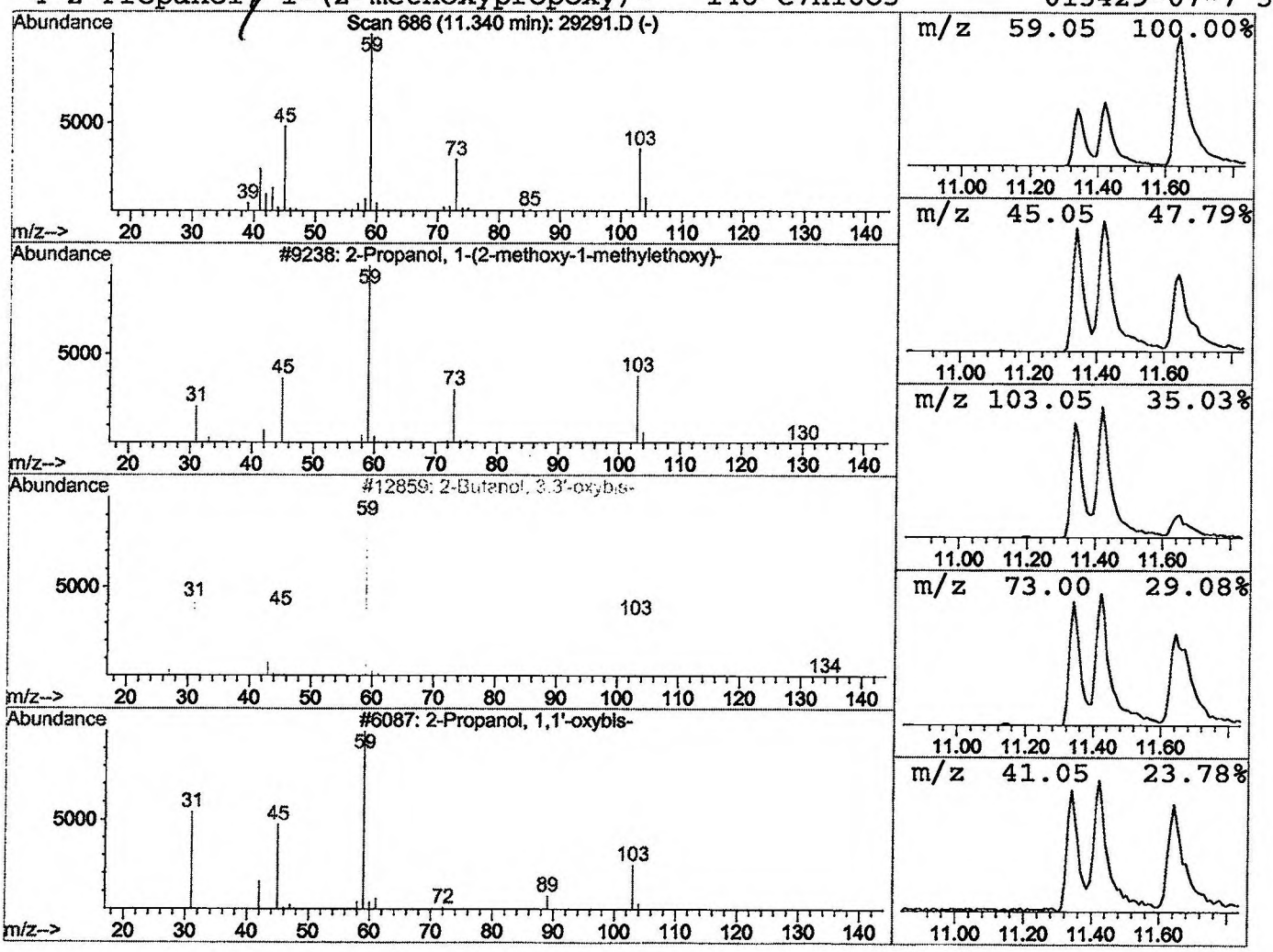
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.18 ug/l	306861	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	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29291.D
Acq On : 12 Dec 2001 9:29 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

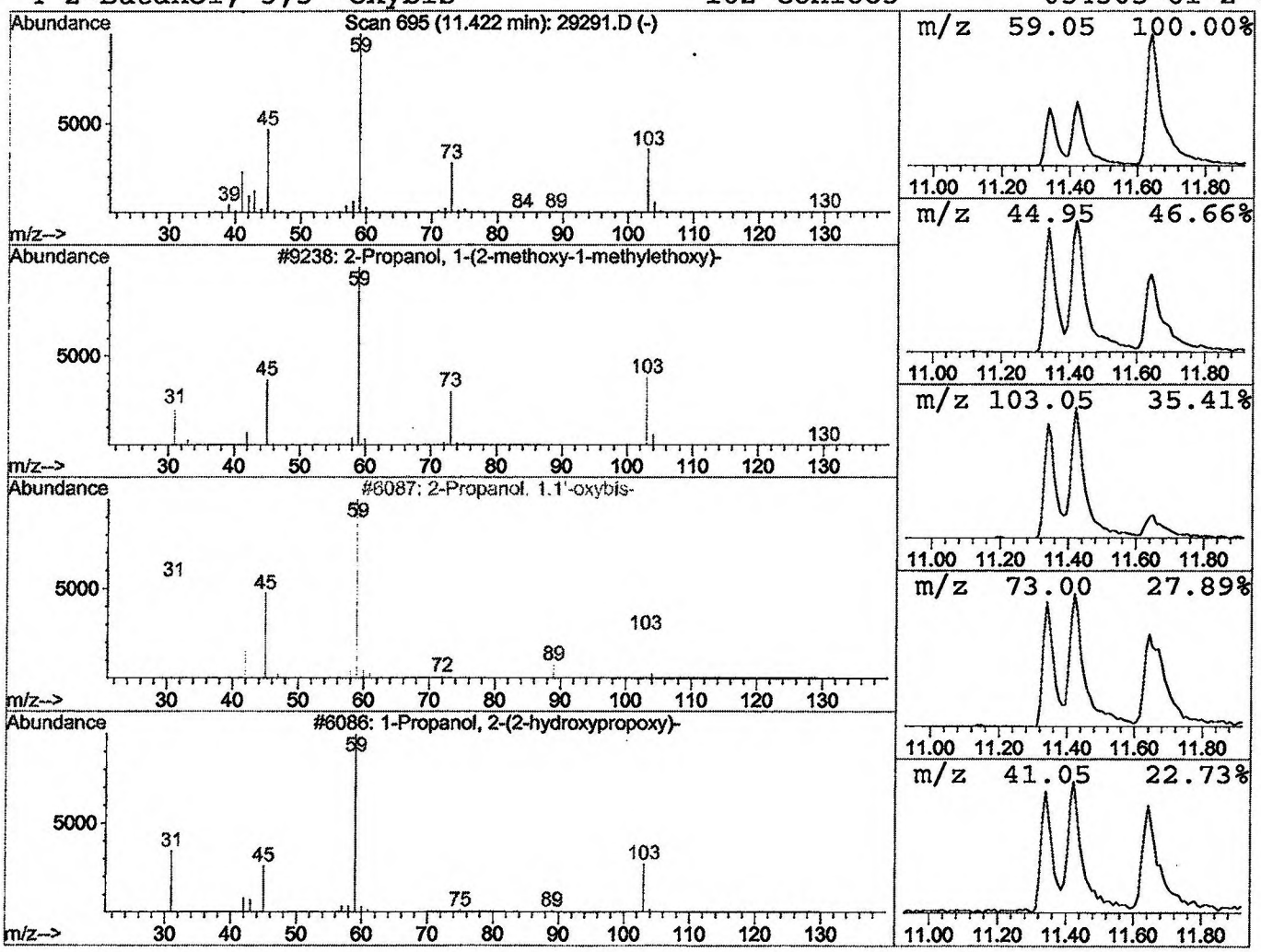
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.64 ug/l	424703	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-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 9:29 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29291.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	7.60	2.9	ug/l	750296	ISTD01	11.67	5192780	20.0
2-Propen-1-ol, 2-chl	7.74	0.6	ug/l	144708	ISTD01	11.67	5192780	20.0
2-Propanol, 1-(2-met	11.34	1.2	ug/l	306861	ISTD01	11.67	5192780	20.0
2-Propanol, 1-(2-met	11.42	1.6	ug/l	424703	ISTD01	11.67	5192780	20.0

29291.D GCMS1126.M Wed Dec 19 12:54:34 2001