User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:42:19

Sample: AD29787
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 14:42 Ended: 1/7/02 14:42 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		92		5.0

Comments for Sample AD29787 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-07-2002 Time: 14:42:29

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 0.26 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D Vial: 12
Acq On : 15 Dec 2001 1:16 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 14:05 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	776426	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	2987517	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1490546	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2118560	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1338150	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	853513	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	141148	4.60	ug/mL	-0.01
Spiked Amount 5.000			Recovery = 92.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.13	74	576	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	1897	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	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.05	165	196	N.D.		
25) Diethylphthalate	22.10	149	862	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\DEC1401\29787.D Vial: 12
Acq On : 15 Dec 2001 1:16 pm Operator: 209 GALOS
Sample : gcms scan 12/10 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Time: Dec 15 14:05 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	25.05	178	1527	N.D.	
34)	Anthracene	25.05	178	1527	N.D.	
35)	Di-n-butylphthalate	26.99	149	19836	N.D.	
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	3269	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	21316	0.26 ug/l	96
43)	Chrysene	33.01	228	3269	N.D.	
45)	Di-n-Octylphthalate	35.04	149	422	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	3544	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.	

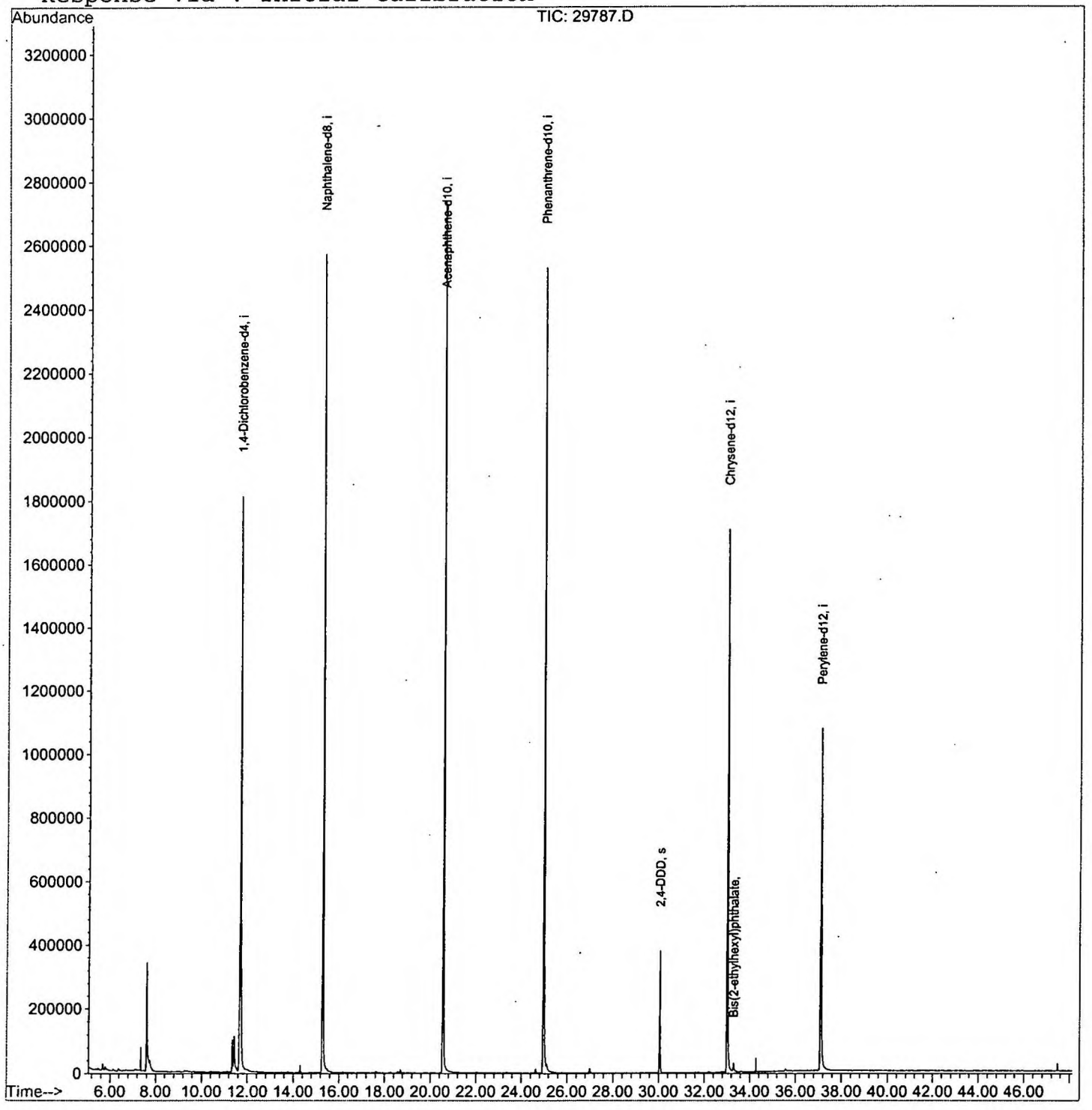
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 14:05 2001

Vial: 12
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 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF
Sampling : 1
Start Thrs: 0.2
Stop Thrs : 0

Filtering: 5
Min Area: 1 % of largest Peak
Max Peaks: 100
Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

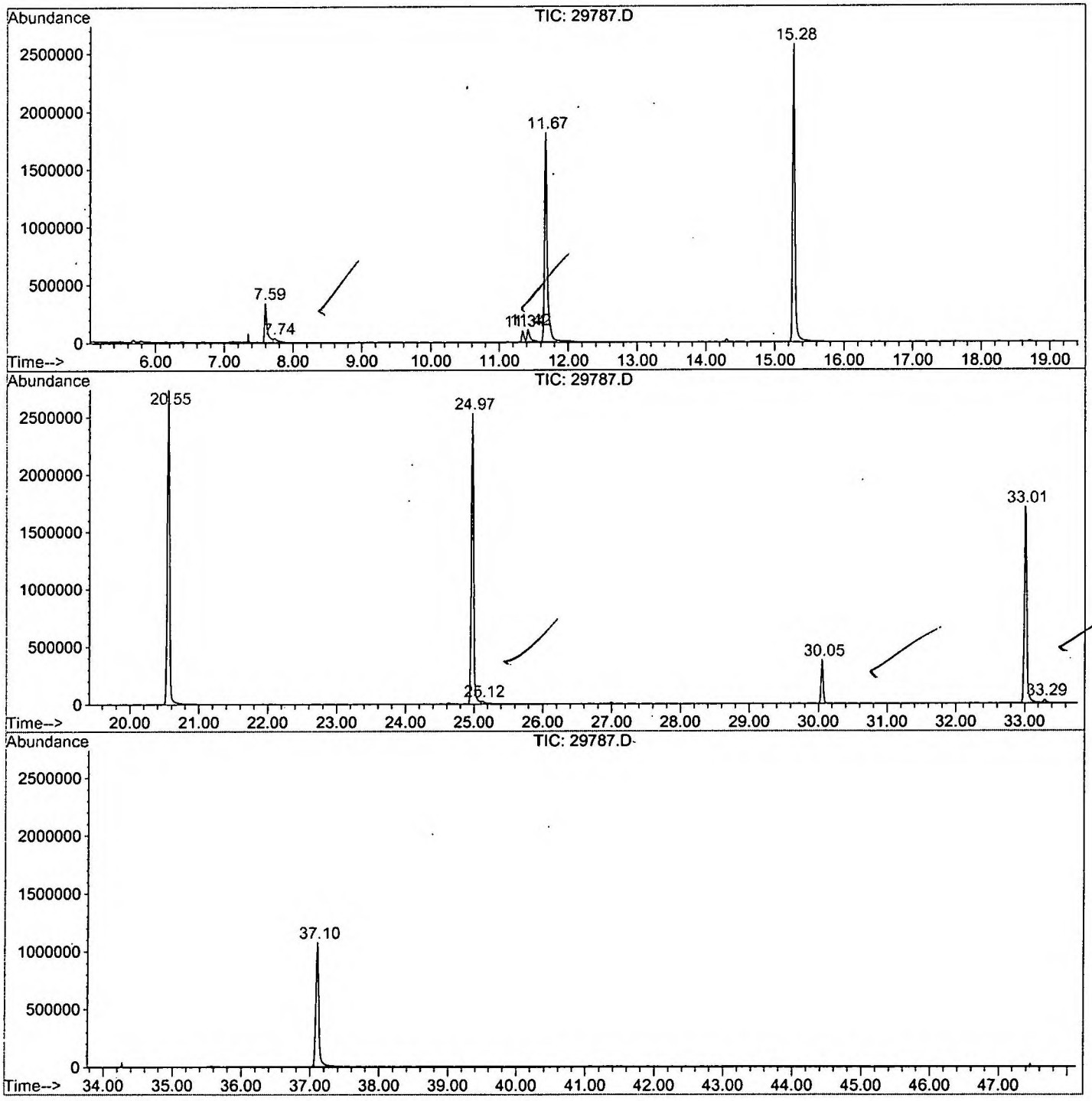
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	291	rBV	337926	892446	14.34%	2.760%
2	7.741	291	294	311	rVB	35516	144205	2.32%	0.446%
3	11.340	682	686	691	rBV	99715	225358	3.62%	0.697%
4	11.422	691	695	711	rVB	108223	323641	5.20%	1.001%
5	11.670	715	722	740	rBV	1807296	4790141	76.94%	14.813%
6	15.278	1109	1115	1133	rBV	2570601	5746898	92.31%	17.772%
7	20.547	1683	1689	1709	rBV	2738931	6225543	100.00%	19.252%
8	24.972	2165	2171	2185	rBV2	2528258	5730076	92.04%	17.720%
9	25.119	2185	2187	2200	rVB2	23509	78666	1.26%	0.243%
10	30.049	2719	2724	2733	rBV	378352	785973	12.62%	2.431%
11	33.005	3040	3046	3066	rBV2	1706102	4225130	67.87%	13.066%
12	33.290	3072	3077	3086	rVB2	25302	62708	1.01%	0.194%
13	37.100	3485	3492	3516	rBV2	1070050	3106195	49.89%	9.606%

Sum of corrected areas: 32336980

29787.D GCMS1126.M Fri Dec 28 13:22:26 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 1:16 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



29787.D GCMS1126.M Fri Dec 28 13:22:32 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

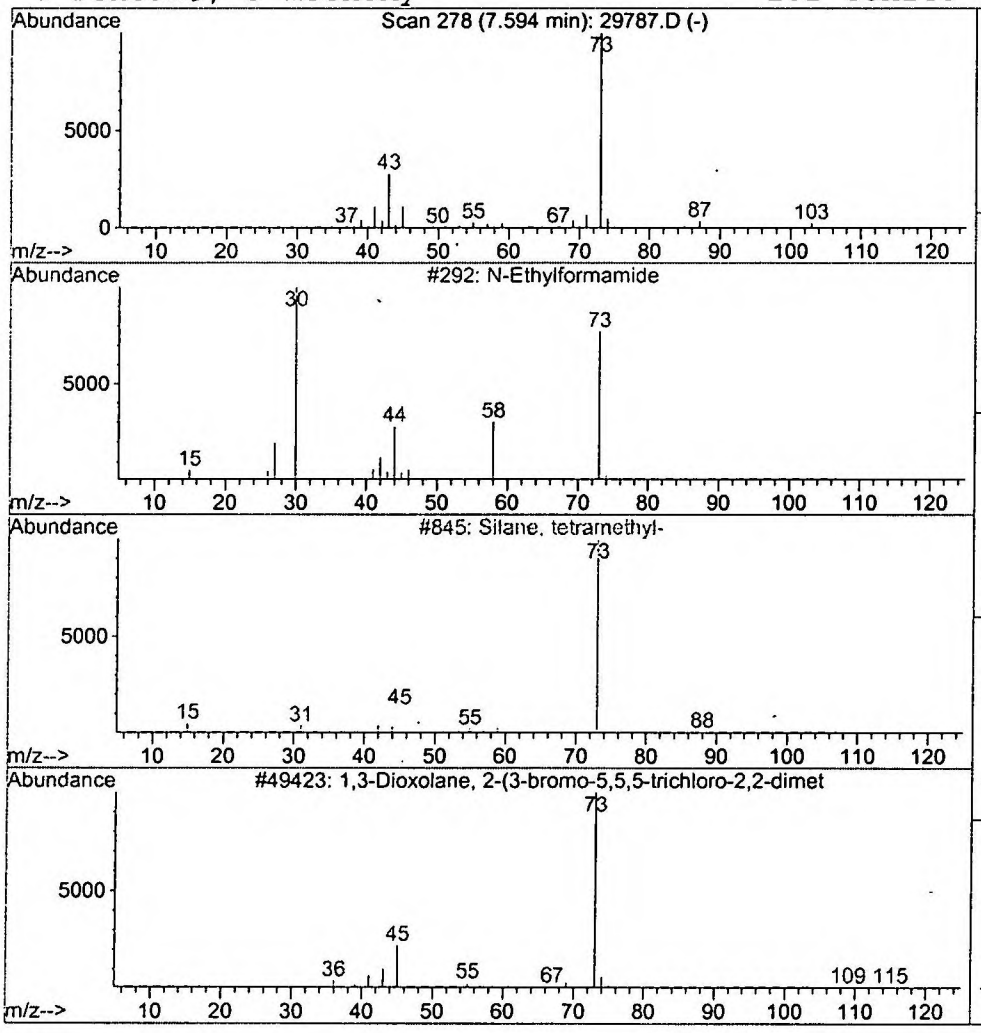
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.73 ug/l	892446	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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

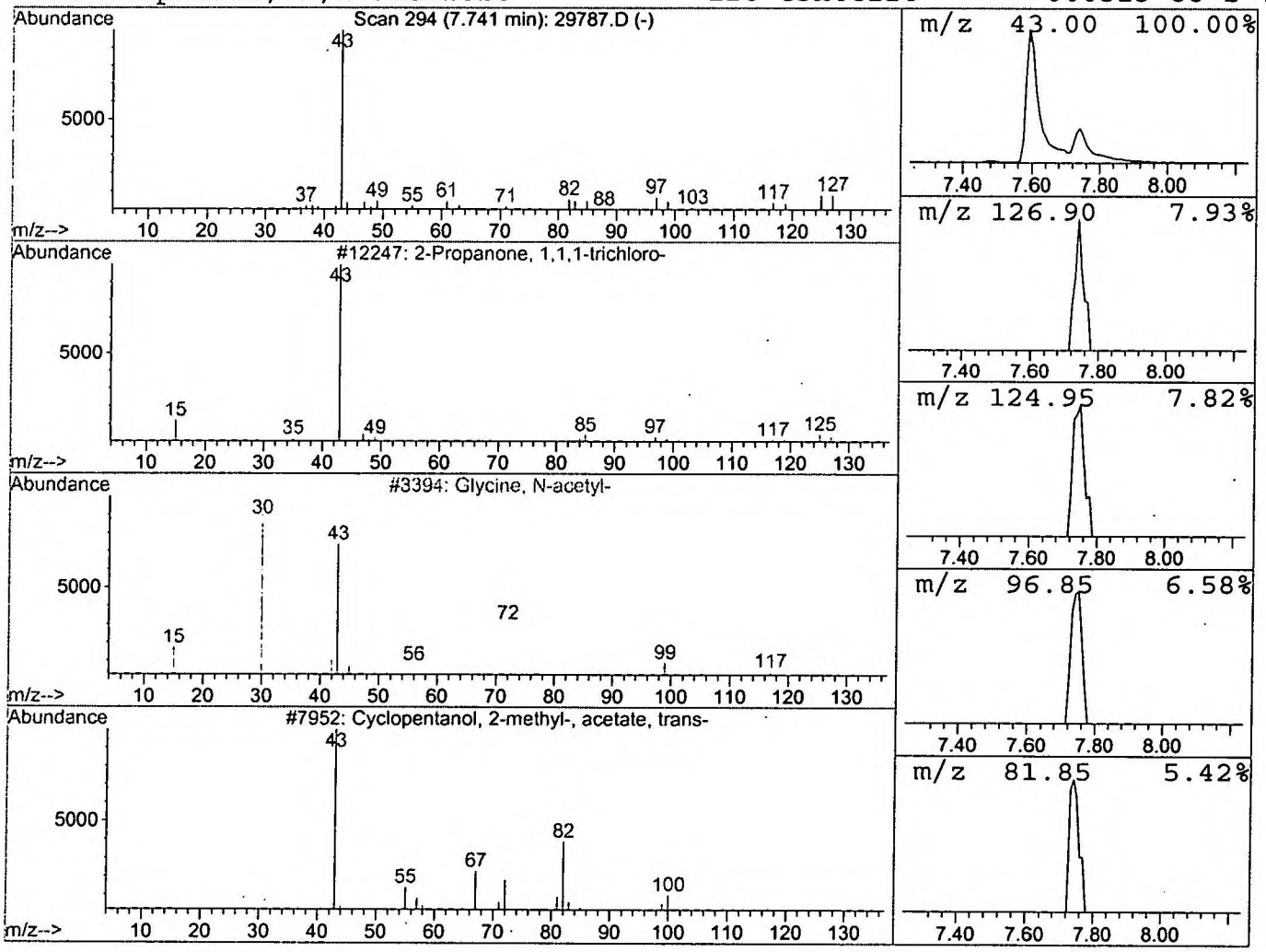
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.60 ug/l	144205	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	28
2	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	4
3	Cyclopentanol, 2-methyl-, acetate,	142	C8H14O2	040991-94-4	4
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

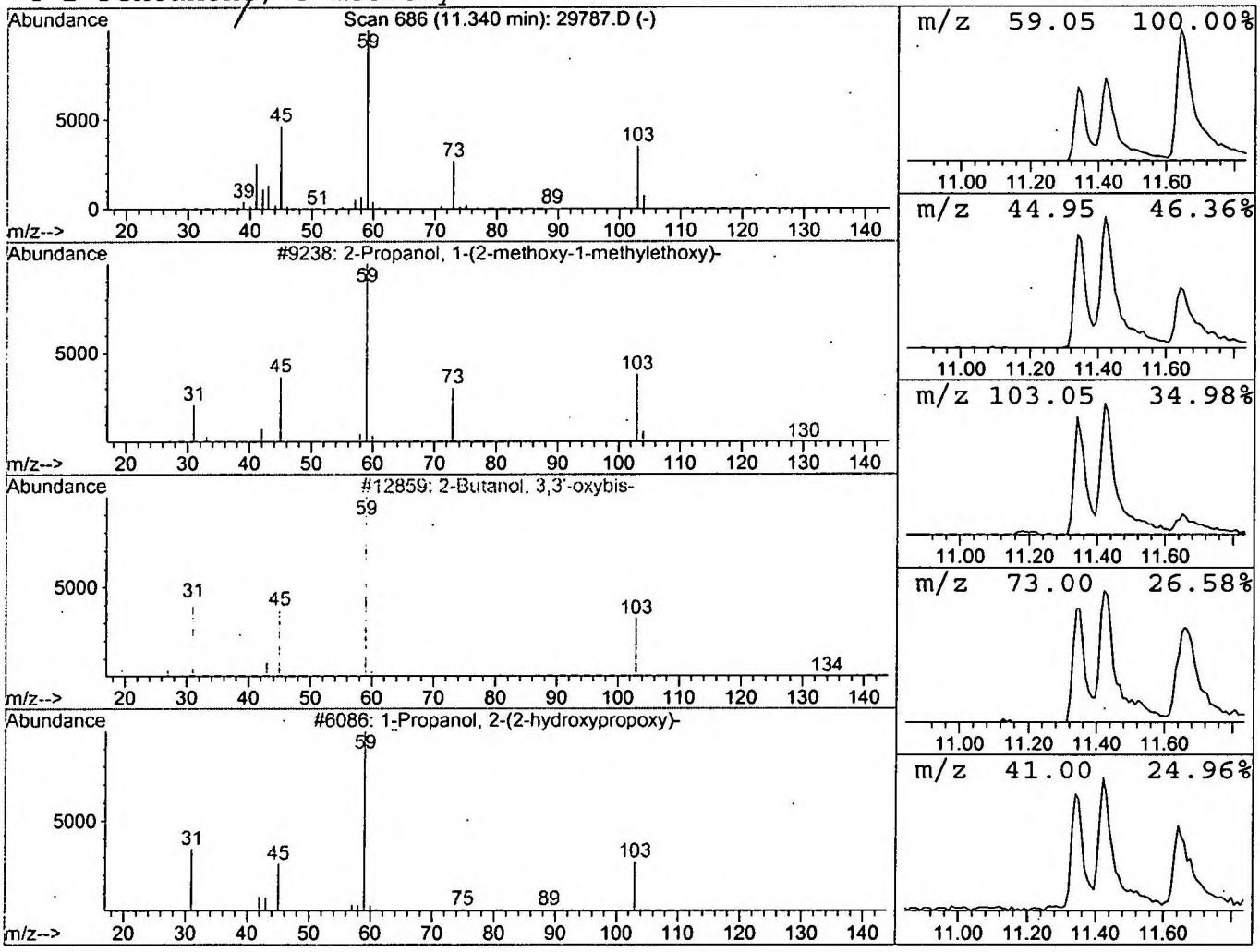
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.94 ug/l	225358	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-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45
4	2-Pentanone, 5-methoxy-	116	C6H12O2	017429-04-8	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29787.D
Acq On : 15 Dec 2001 1:16 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

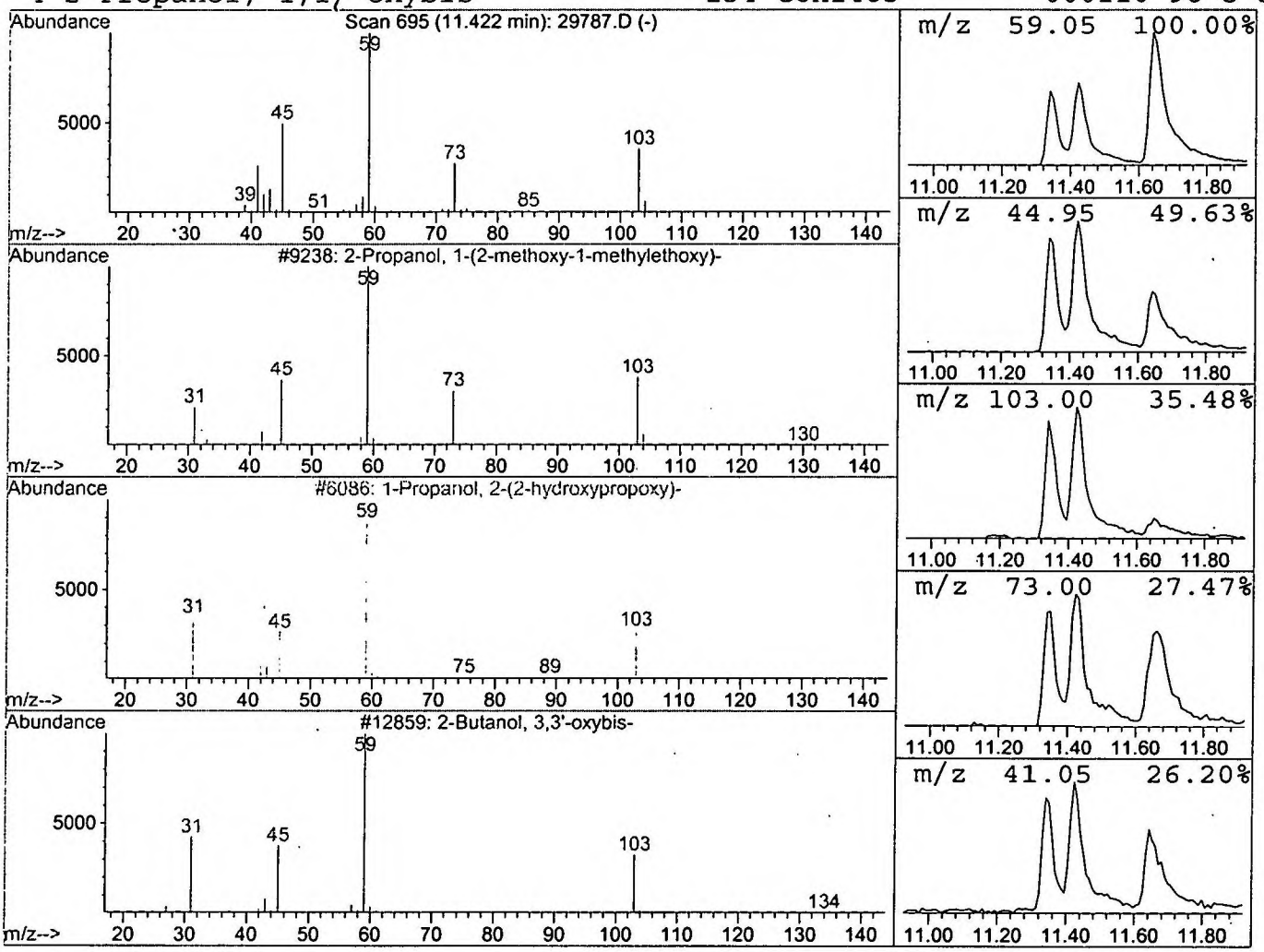
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.35 ug/l	323641	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 1:16 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29787.D
Name: gcms scan 12/10
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	3.7	ug/l	892446	ISTD01	11.67	4790140	20.0
2-Propanone, 1,1,1-t	7.74	0.6	ug/l	144205	ISTD01	11.67	4790140	20.0
2-Propanol, 1-(2-met	11.34	0.9	ug/l	225358	ISTD01	11.67	4790140	20.0
2-Propanol, 1-(2-met	11.42	1.4	ug/l	323641	ISTD01	11.67	4790140	20.0

29787.D GCMS1126.M Fri Dec 28 13:22:55 2001