User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/07/2002 Time: 14:43:46

Sample: AD29786
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/7/02 14:43 Ended: 1/7/02 14:43 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AD29786 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-07-2002 Time: 14:43:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29786.D Vial: 11
Acq On : 15 Dec 2001 12:18 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 13:06 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	848298	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3222075	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1615744	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2323582	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1459130	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	952823	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	156913	4.67	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.40%			
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	11.72	146	104	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	13.05	77	183	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	2308	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	21.14	165	179	N.D.		
25) Diethylphthalate	22.10	149	1445	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\29786.D Vial: 11
Acq On : 15 Dec 2001 12:18 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 13:06 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	819	N.D.	
34)	Anthracene	25.04	178	819	N.D.	
35)	Di-n-butylphthalate	26.99	149	31768	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	3675	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	8529	N.D.	
43)	Chrysene	33.01	228	3675	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	4031	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

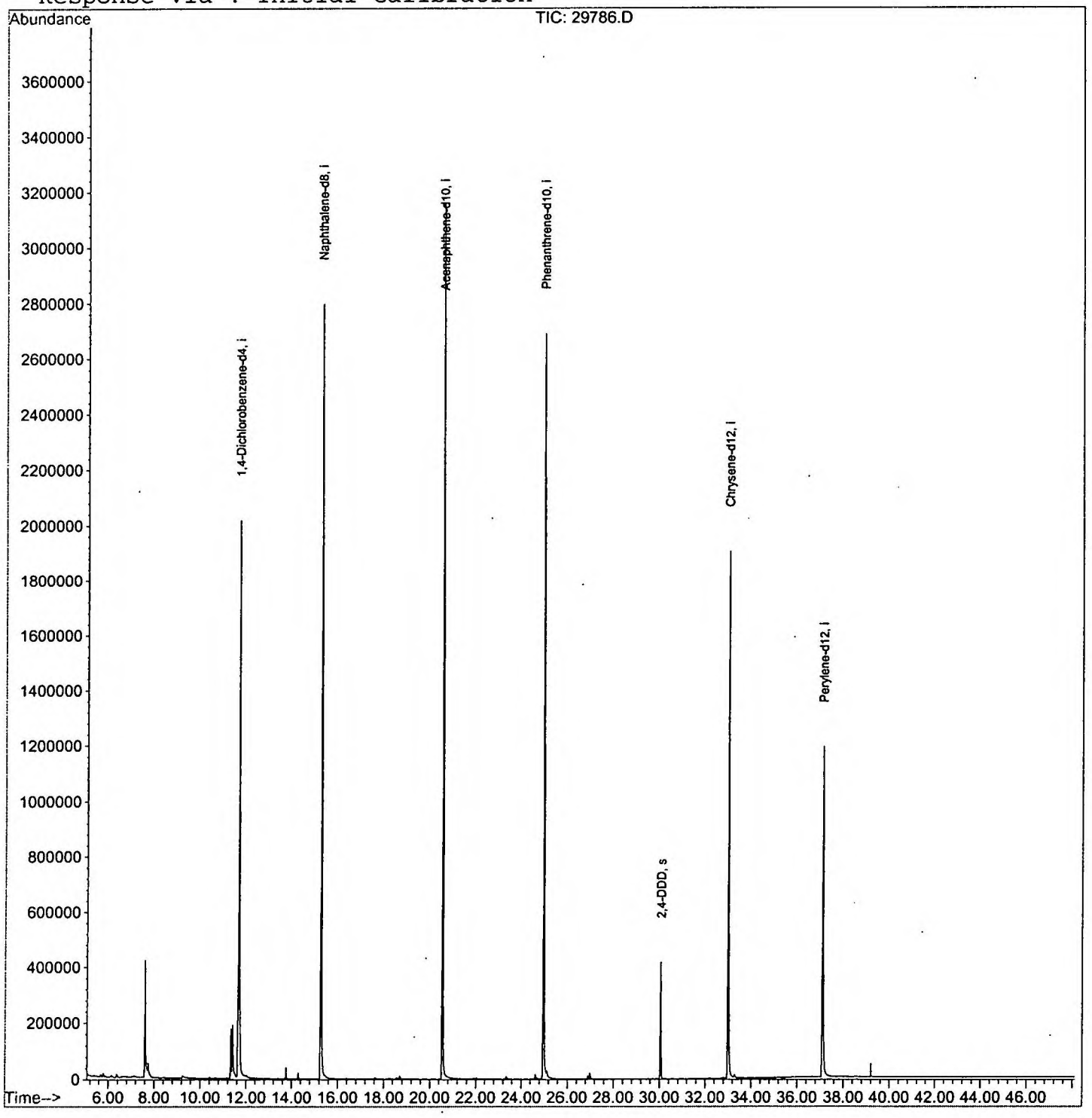
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29786.D
Acq On : 15 Dec 2001 12:18 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 15 13:06 2001

Vial: 11
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\29786.D Vial: 11
Acq On : 15 Dec 2001 12:18 pm Operator: 209 GALOS
Sample : gcms scan 12/10 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

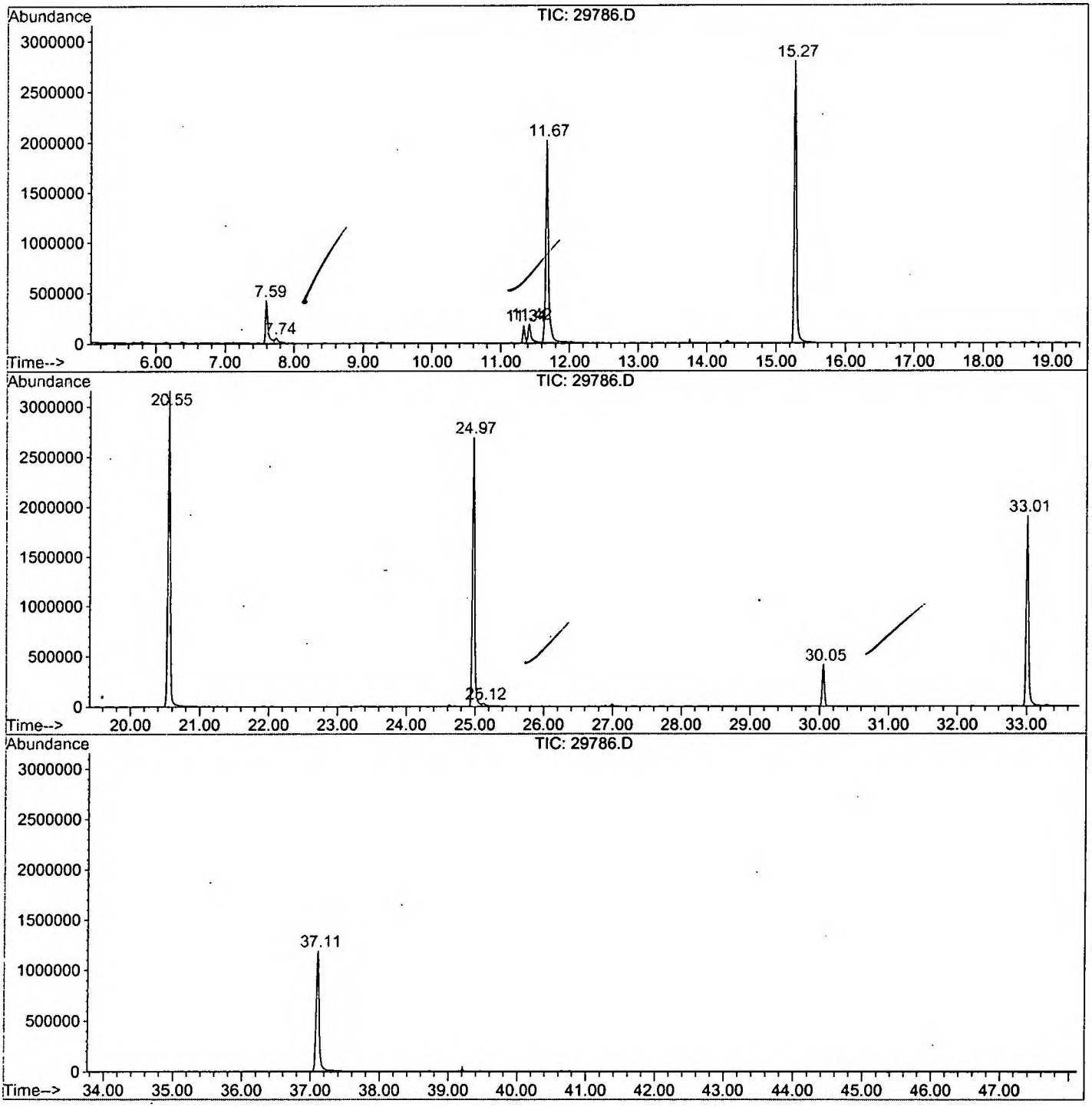
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.591	273	277	290	rBV	418807	1039909	15.49%	2.918%
2	7.737	290	293	311	rVB	51346	185873	2.77%	0.522%
3	11.336	681	685	690	rBV	175187	372527	5.55%	1.045%
4	11.419	690	694	713	rVB	185876	515139	7.68%	1.445%
5	11.667	714	721	740	rBV2	2009681	5343922	79.62%	14.994%
6	15.274	1108	1114	1130	rBV	2795239	6164051	91.84%	17.295%
7	20.553	1683	1689	1708	rBV	3159441	6711741	100.00%	18.832%
8	24.969	2164	2170	2183	rBV2	2689548	6254357	93.19%	17.549%
9	25.125	2183	2187	2197	rVB	24721	92625	1.38%	0.260%
10	30.055	2718	2724	2735	rBV	414635	874370	13.03%	2.453%
11	33.011	3039	3046	3069	rBV	1901747	4611604	68.71%	12.939%
12	37.105	3484	3492	3509	rBV	1186185	3474110	51.76%	9.748%

Sum of corrected areas: 35640228

29786.D GCMS1126.M Fri Dec 28 13:21:03 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29786.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 12:18 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10
Misc Info :
Vial Number: 11
Quant File :GCMS1126.RES (RTE Integrator)



29786.D GCMS1126.M Fri Dec 28 13:21:09 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29786.D
Acq On : 15 Dec 2001 12:18 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

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

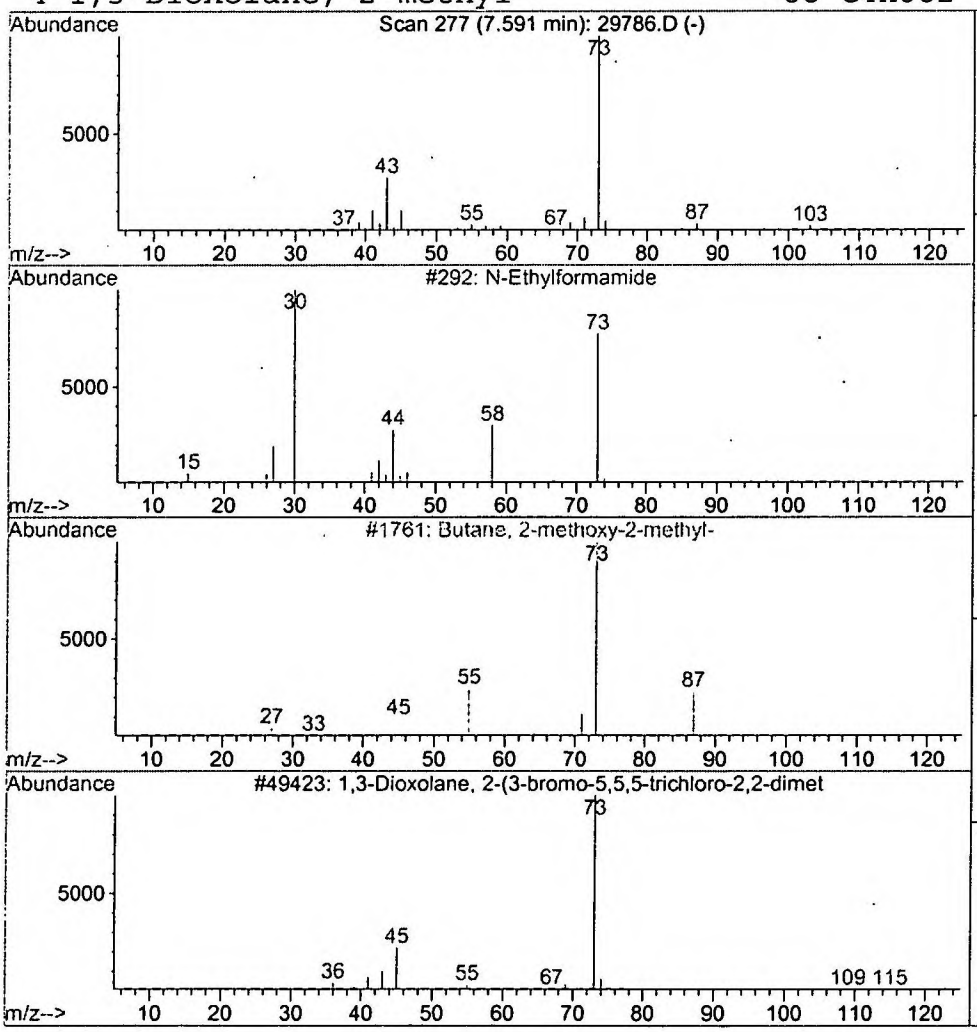
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

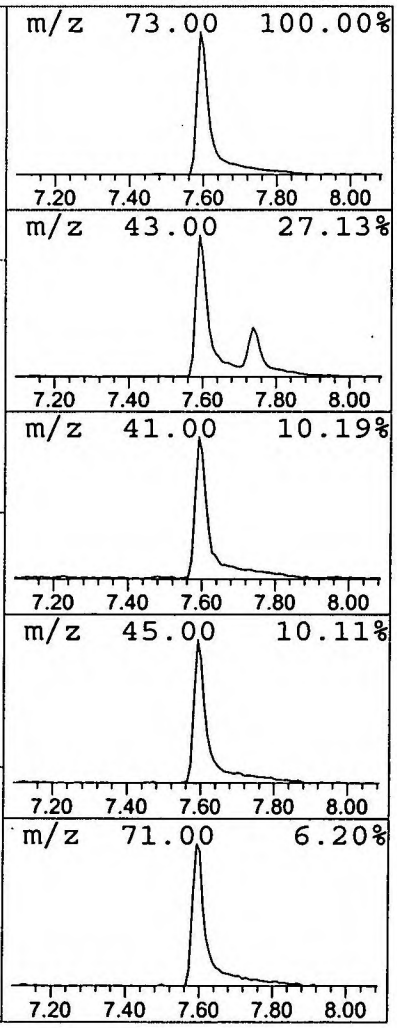
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.89 ug/l	1039910	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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	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\DEC1401\29786.D
Acq On : 15 Dec 2001 12:18 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

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

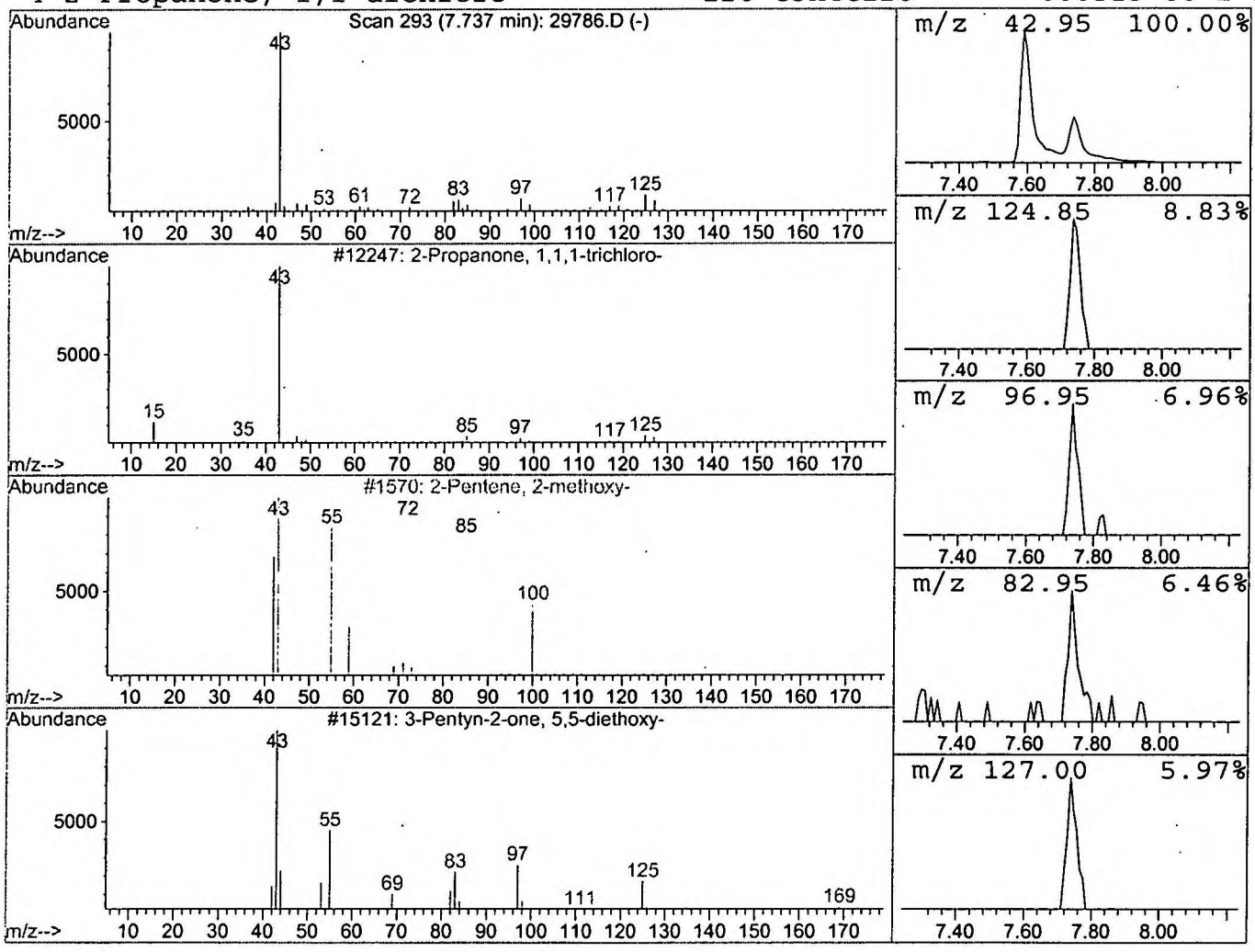
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.70 ug/l	185873	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	12
2	2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	9
3	3-Pentyn-2-one, 5,5-diethoxy-	170	C9H14O3	055402-04-5	9
4	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29786.D
Acq On : 15 Dec 2001 12:18 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

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

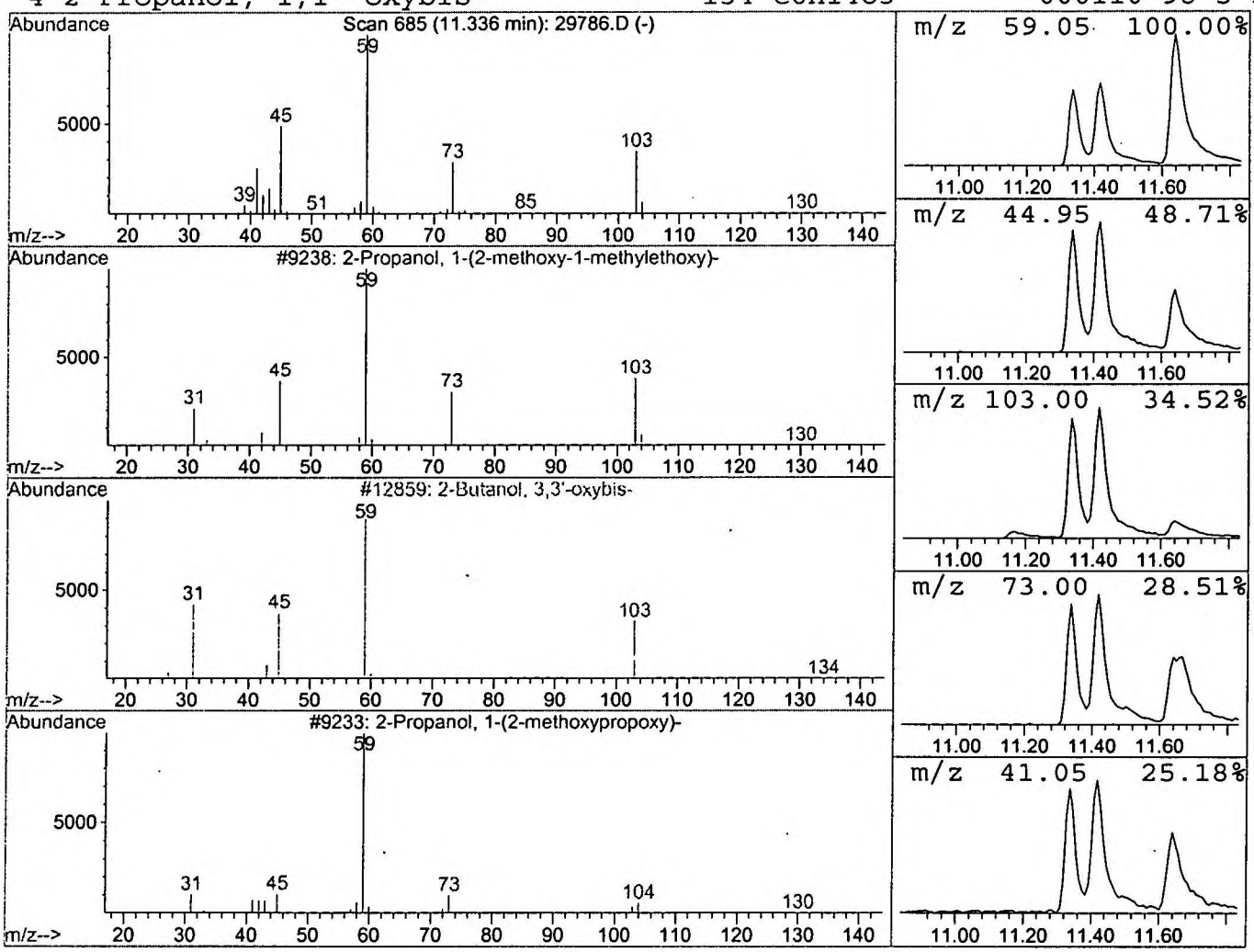
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	1.39 ug/l	372527	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	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29786.D
Acq On : 15 Dec 2001 12:18 pm
Sample : gcms scan 12/10
Misc :
MS Integration Params: LSCINT.P

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

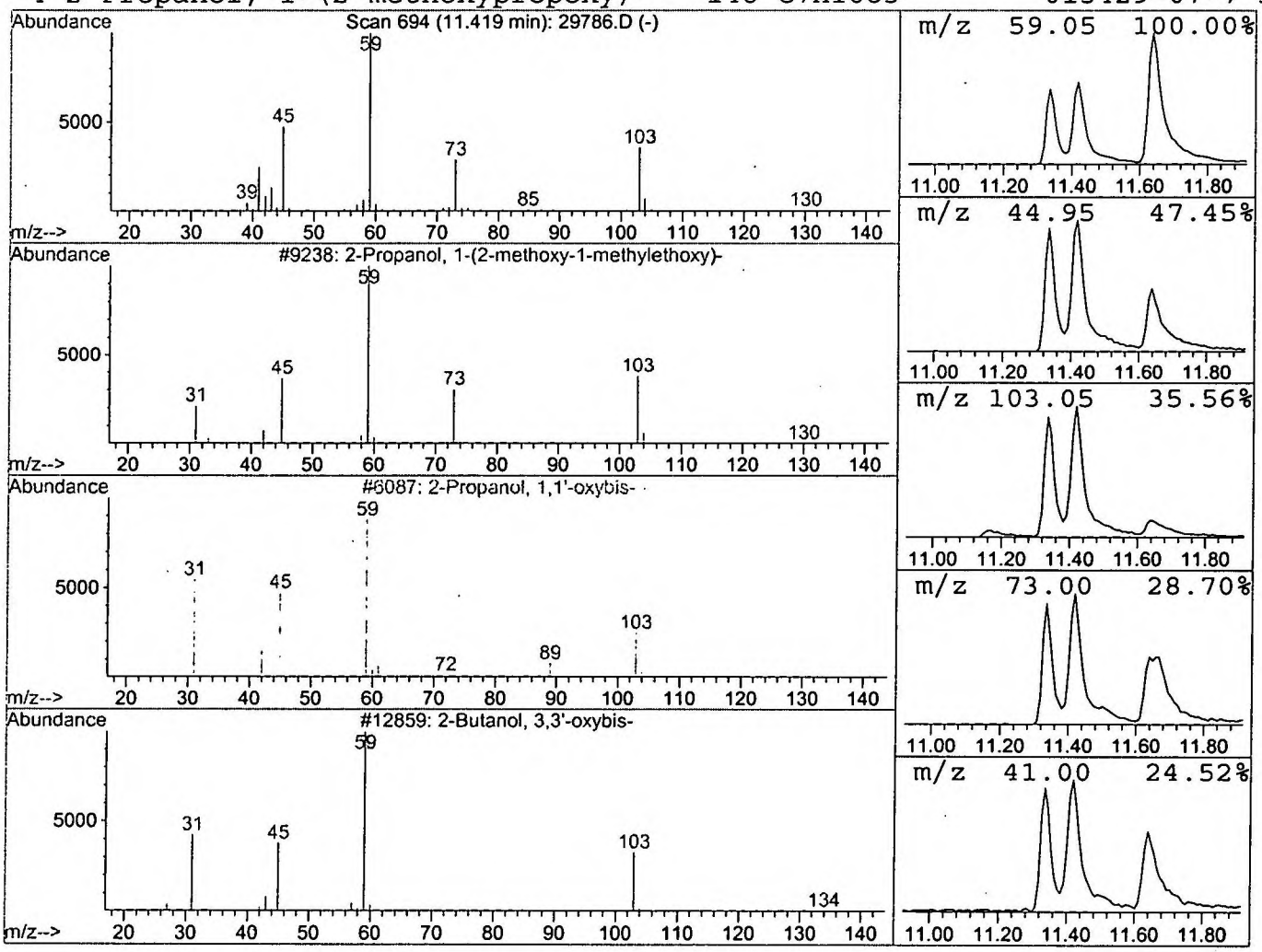
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	1.93 ug/l	515139	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	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 12:18 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29786.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	3.9	ug/l	1039910	ISTD01	11.67	5343920	20.0
2-Propanone, 1,1,1-t	7.74	0.7	ug/l	185873	ISTD01	11.67	5343920	20.0
2-Propanol, 1-(2-met	11.34	1.4	ug/l	372527	ISTD01	11.67	5343920	20.0
2-Propanol, 1-(2-met	11.42	1.9	ug/l	515139	ISTD01	11.67	5343920	20.0

29786.D GCMS1126.M Fri Dec 28 13:21:32 2001