User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/28/2001 Time: 14:54:44

Sample: AD29294
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/28/01 14:54 Ended: 12/28/01 14:54 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD29294 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-28-2001 Time: 14:55:09

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 0.27 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D Vial: 10
Acq On : 12 Dec 2001 8:30 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	858303	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3290479	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1647415	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2269759	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1386666	20.00	ug/l	-0.03
44) Perylene-d12	37.09	264	905883	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	121258	4.49	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 89.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	1503	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	1303	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	20.99	165	424	N.D.		
25) Diethylphthalate	22.07	149	171	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\29294.D Vial: 10
Acq On : 12 Dec 2001 8:30 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	25.03	178	670	N.D.	
34)	Anthracene	25.03	178	670	N.D.	
35)	Di-n-butylphthalate	26.99	149	42637	0.27 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	3664	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	11553	N.D.	
43)	Chrysene	33.01	228	3664	N.D.	
45)	Di-n-Octylphthalate	35.02	149	263	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	3644	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.	

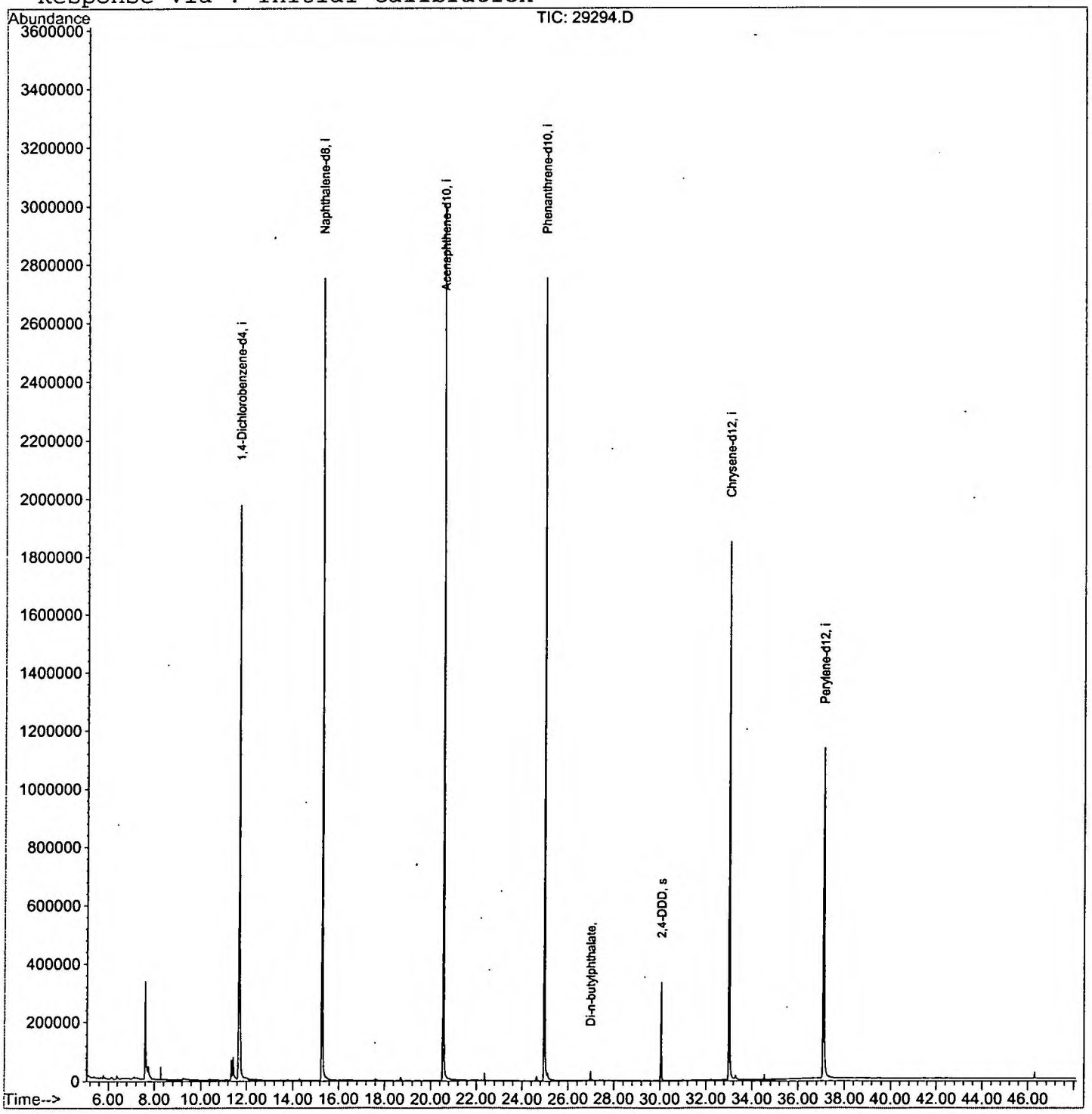
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D
Acq On : 12 Dec 2001 8:30 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 19 12:46 2001

Vial: 10
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 14 12:19:30 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D Vial: 10
Acq On : 12 Dec 2001 8:30 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

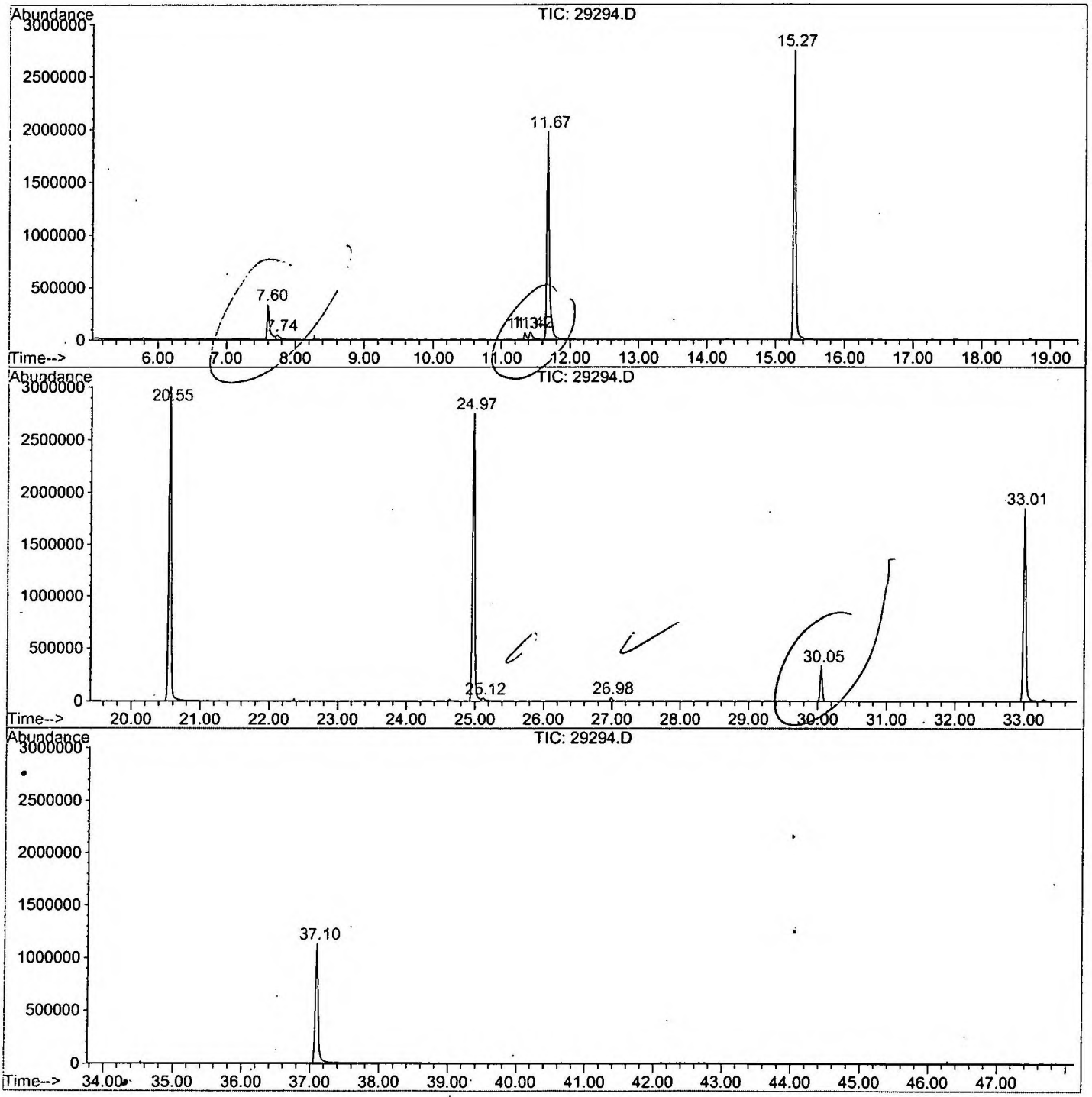
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.596	274	278	291	rBV	333333	863551	12.88%	2.552%
2	7.743	291	294	311	rVB	44056	161833	2.41%	0.478%
3	11.341	682	686	692	rBV	67930	166712	2.49%	0.493%
4	11.424	692	695	715	rVB	77424	245443	3.66%	0.725%
5	11.672	715	722	745	rBV	1973718	4987549	74.38%	14.740%
6	15.270	1109	1114	1134	rBV	2751164	6238936	93.04%	18.439%
7	20.549	1683	1689	1713	rBV	3007841	6705608	100.00%	19.818%
8	24.974	2164	2171	2183	rBV2	2751532	6053255	90.27%	17.890%
9	25.121	2183	2187	2196	rVB2	22169	76871	1.15%	0.227%
10	26.985	2386	2390	2399	rBV	30830	67332	1.00%	0.199%
11	30.051	2718	2724	2731	rBV	333140	666204	9.94%	1.969%
12	33.007	3039	3046	3063	rBV2	1847383	4333882	64.63%	12.808%
13	37.101	3484	3492	3510	rBV2	1126500	3269268	48.75%	9.662%

Sum of corrected areas: 33836444

29294.D GCMS1126.M Wed Dec 19 12:55:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29294.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 8:30 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/4
Misc Info :
Vial Number: 10
Quant File :GCMS1126.RES (RTE Integrator)



29294.D GCMS1126.M Wed Dec 19 12:55:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D
Acq On : 12 Dec 2001 8:30 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

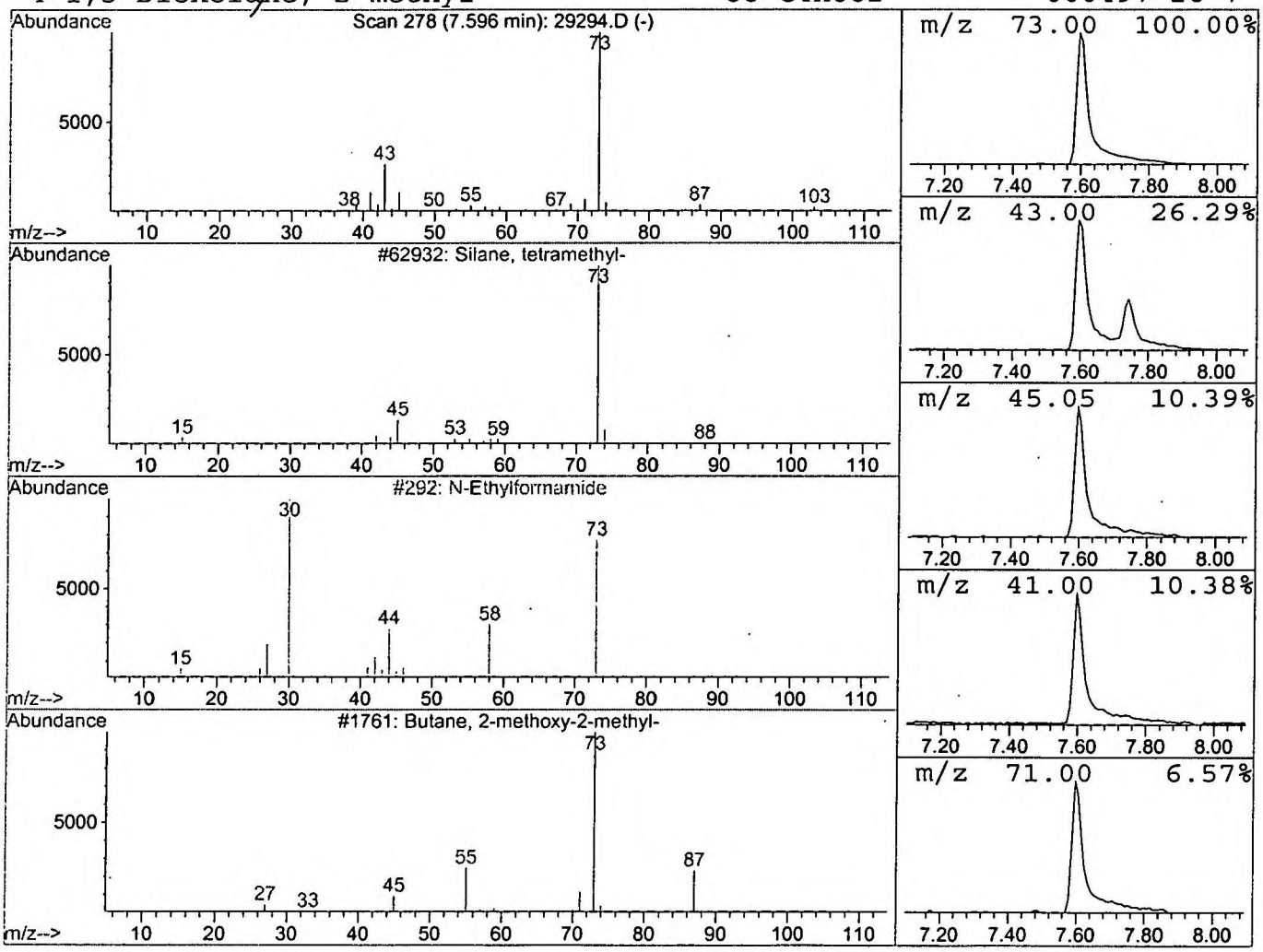
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.46 ug/l	863551	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D Vial: 10
Acq On : 12 Dec 2001 8:30 am Operator: 209 GALOS
Sample : gc/ms scan 12/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

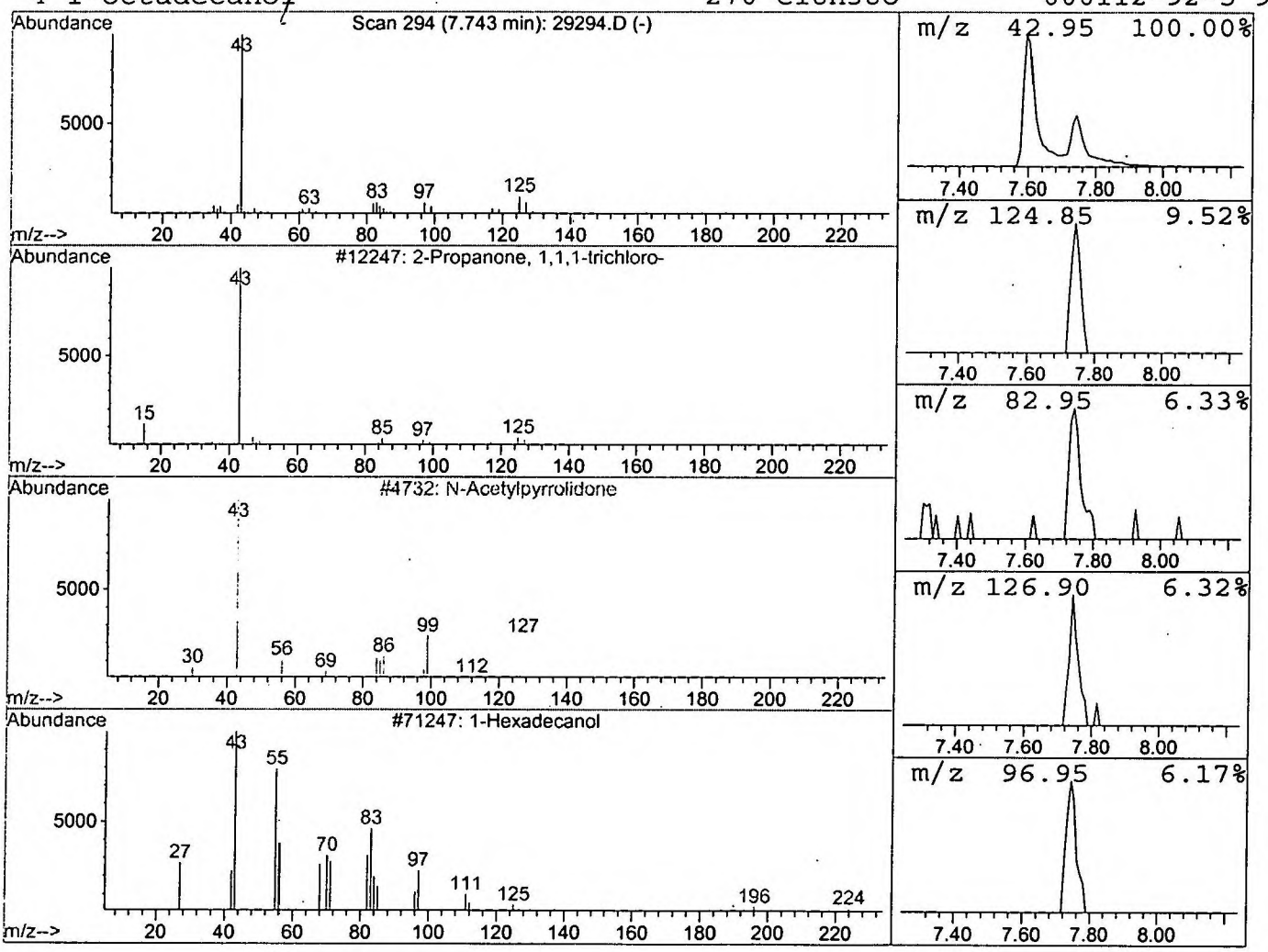
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.65 ug/l	161833	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	23
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	1-Hexadecanol	242	C16H34O	036653-82-4	9
4	1-Octadecanol	270	C18H38O	000112-92-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D
Acq On : 12 Dec 2001 8:30 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

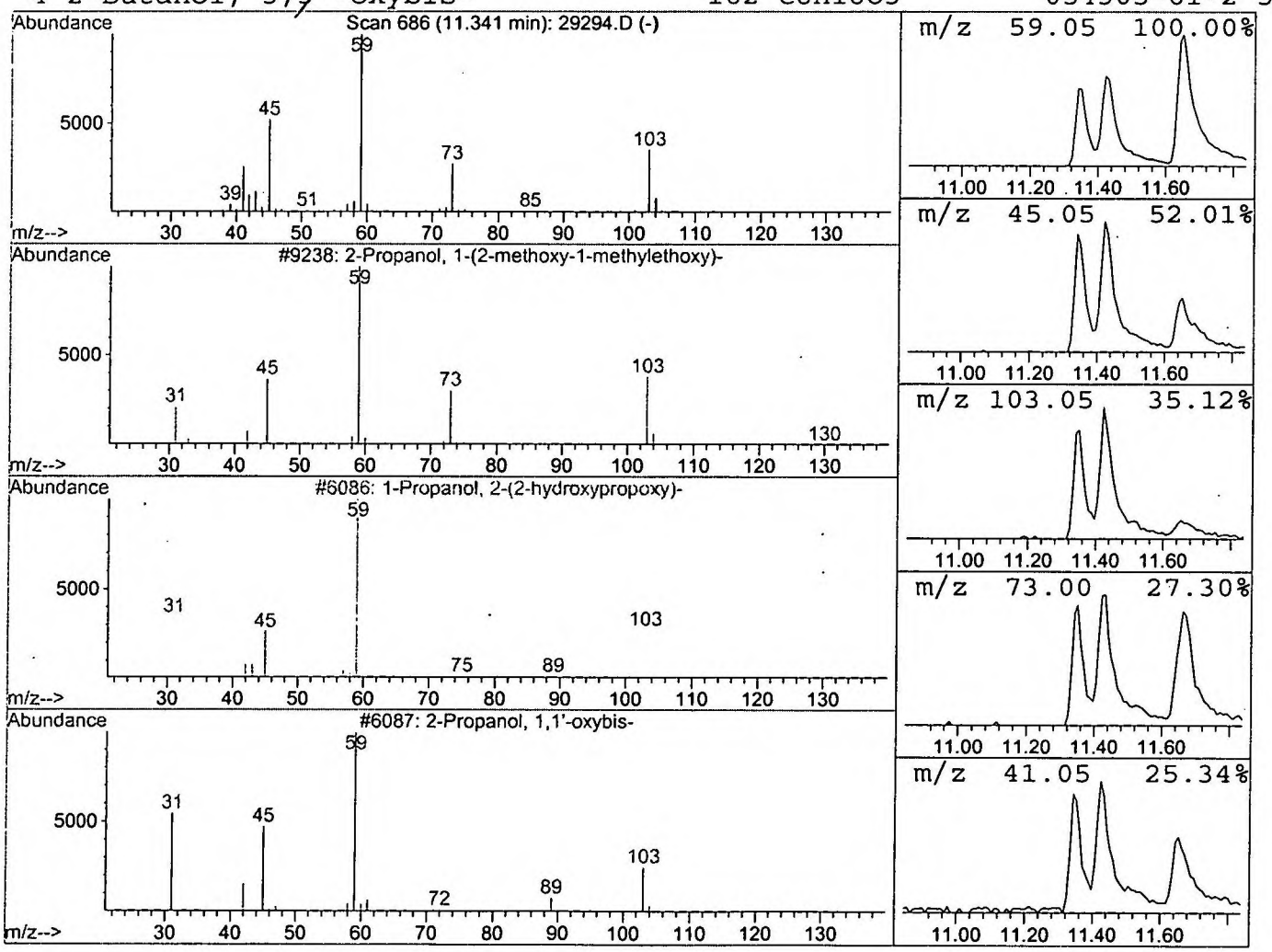
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.67 ug/l	166712	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	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29294.D
Acq On : 12 Dec 2001 8:30 am
Sample : gc/ms scan 12/4
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

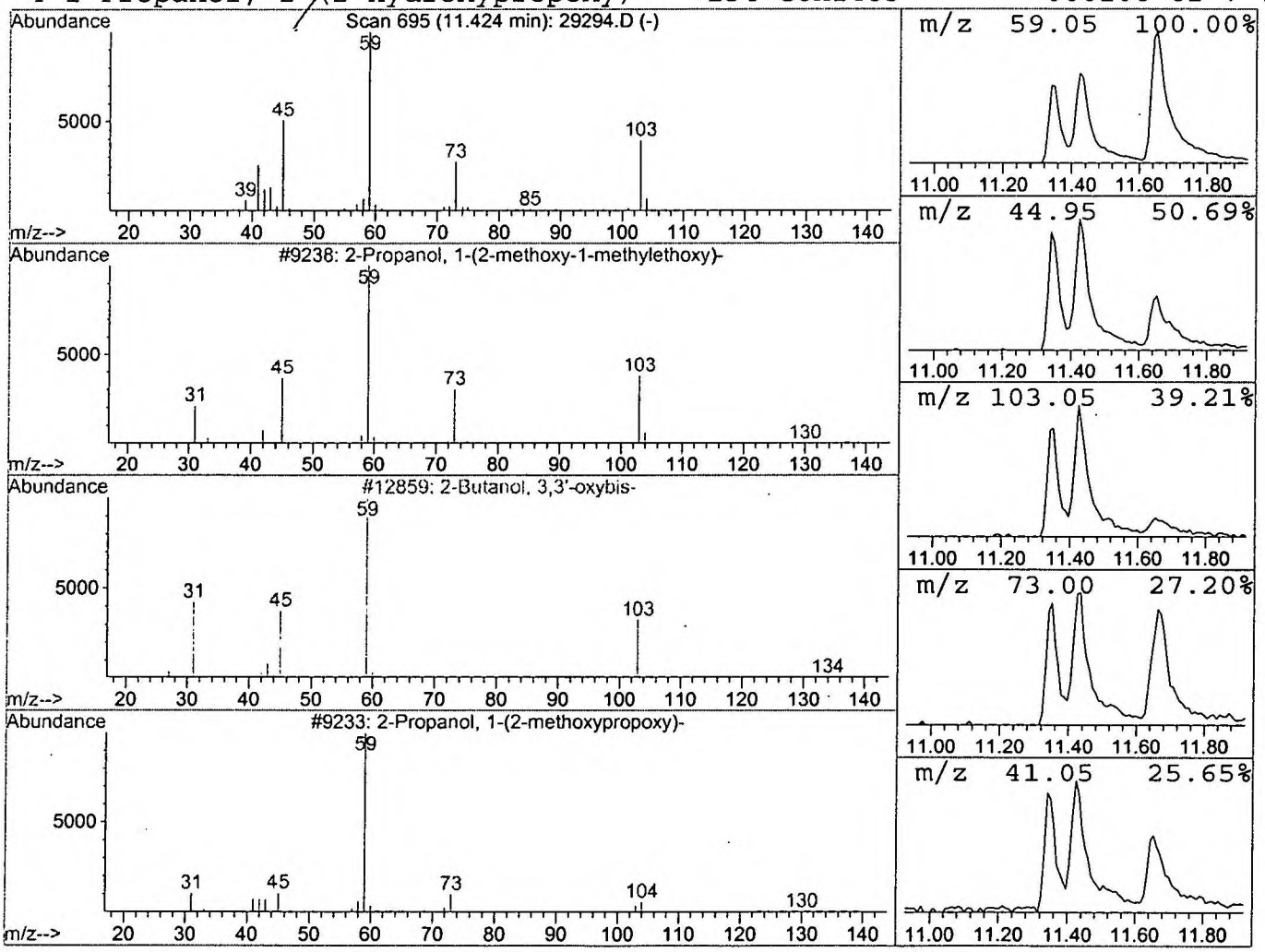
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.98 ug/l	245443	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	50
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47
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 8:30 am
Data File: C:\HPCHEM\1\DATA\DEC1001\29294.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
Silane, tetramethyl-	7.60	3.5	ug/l	863551	ISTD01	11.67	4987550	20.0
2-Propanone, 1,1,1-t	7.74	0.6	ug/l	161833	ISTD01	11.67	4987550	20.0
2-Propanol, 1-(2-met	11.34	0.7	ug/l	166712	ISTD01	11.67	4987550	20.0
2-Propanol, 1-(2-met	11.42	1.0	ug/l	245443	ISTD01	11.67	4987550	20.0

29294.D GCMS1126.M Wed Dec 19 12:55:56 2001