User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:17:11

Sample: AD29289
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:16 Ended: 1/4/02 12:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		103		5.0

Comments for Sample AD29289 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 12:17:28

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recovery for 1 of the 43 compounds in the LCS Standard was below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29289.D Vial: 24
Acq On : 13 Dec 2001 1:25 am Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:41 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	965482	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3677364	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1822056	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2609593	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1612141	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1067496	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	160238	5.16	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 103.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.14	74	107	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	13.02	77	230	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	1647	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	20.96	165	1116	N.D.		
25) Diethylphthalate	22.09	149	692	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\DEC1201\29289.D Vial: 24
Acq On : 13 Dec 2001 1:25 am Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:41 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	25.04	178	408	N.D.	
34)	Anthracene	25.04	178	408	N.D.	
35)	Di-n-butylphthalate	26.99	149	5877	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	3967	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	9049	N.D.	
43)	Chrysene	33.01	228	3967	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	4283	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.	

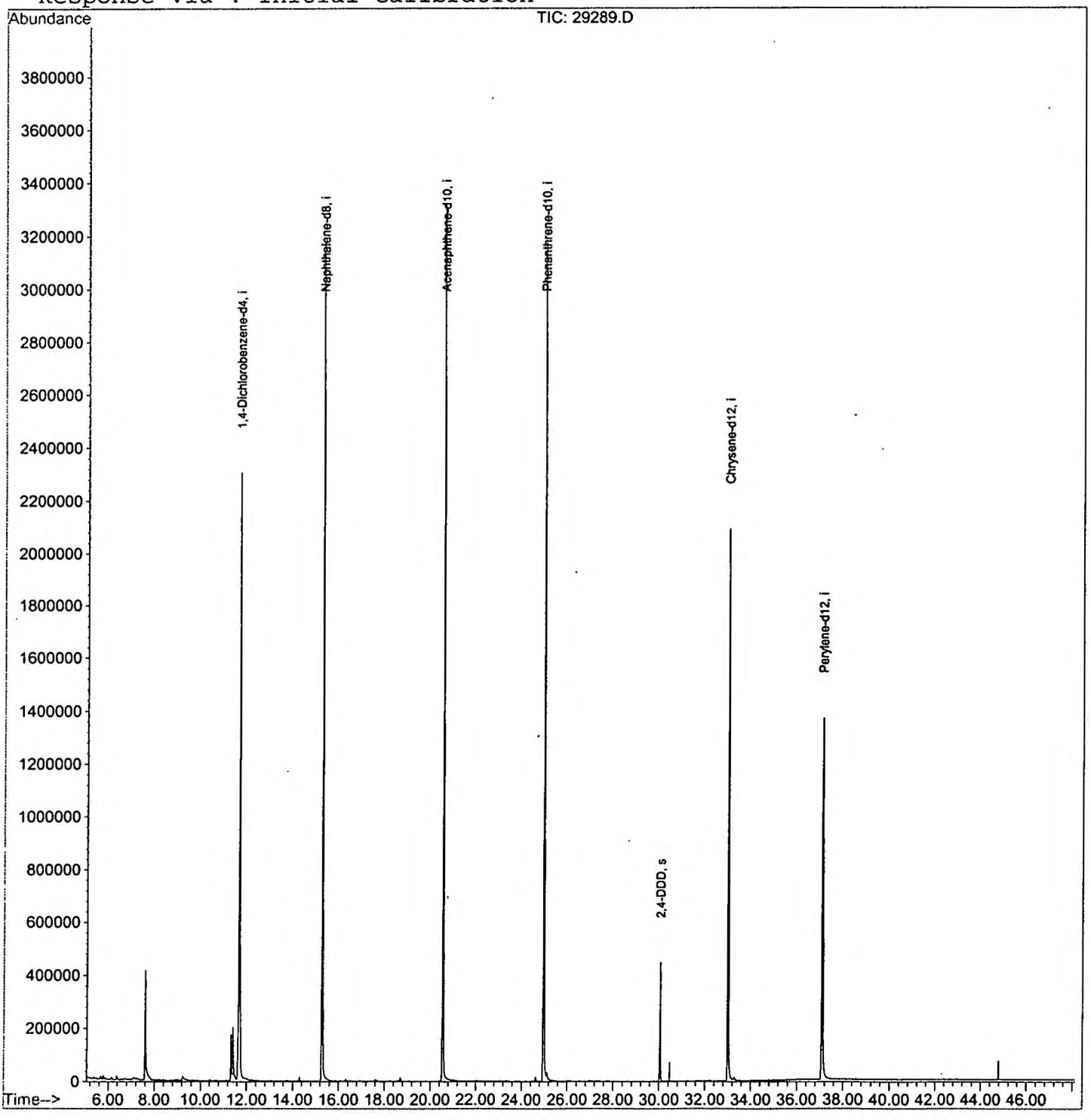
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29289.D
Acq On : 13 Dec 2001 1:25 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 20 10:41 2001

Vial: 24
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\DEC1201\29289.D Vial: 24
Acq On : 13 Dec 2001 1:25 am Operator: 209 GALOS
Sample : gc/ms scan 12/5 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

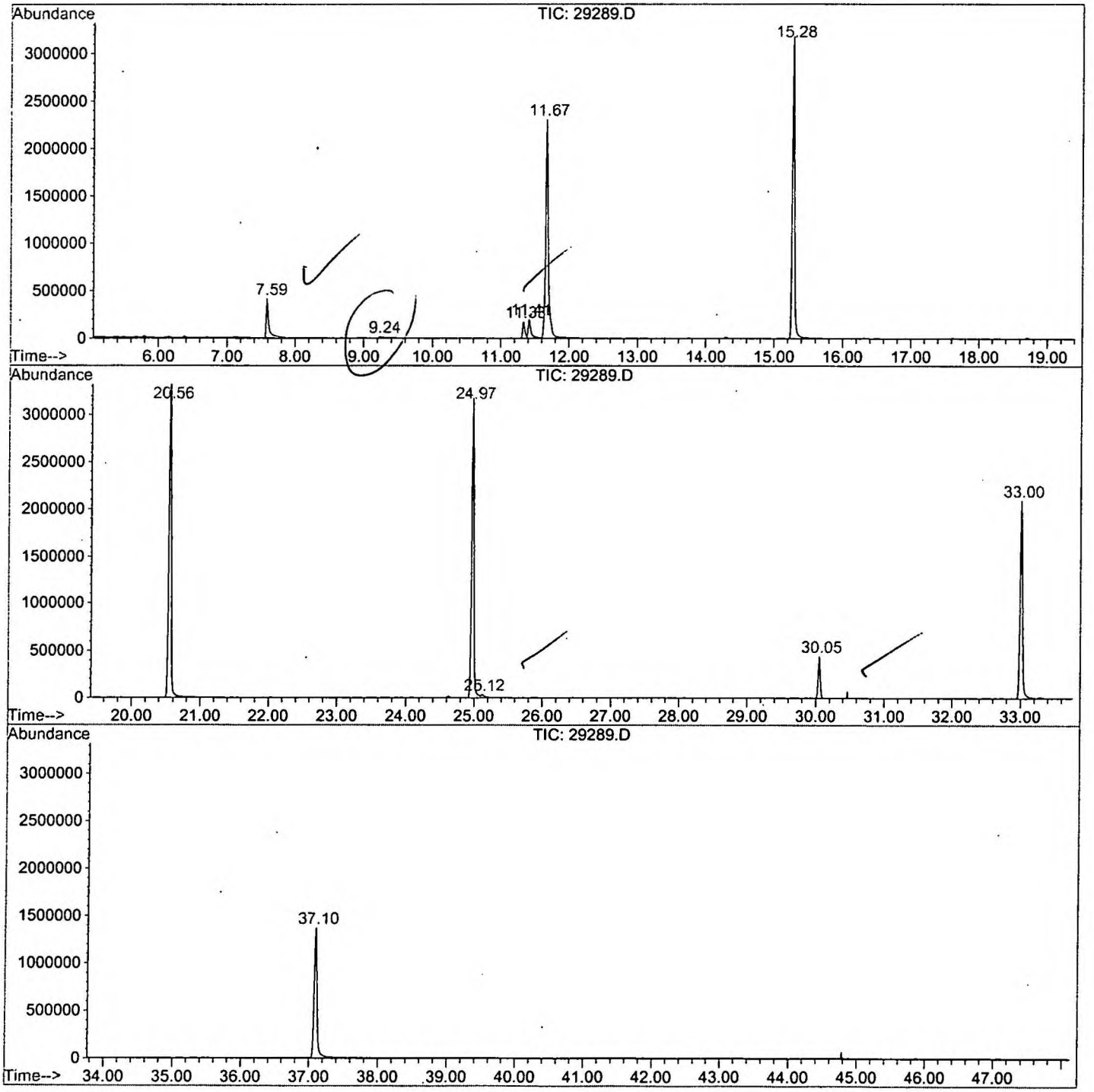
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	311	rVB	411497	1099438	14.73%	2.788%
2	9.237	453	457	474	rBV	17357	86989	1.17%	0.221%
3	11.330	681	685	691	rBV	171139	387096	5.19%	0.982%
4	11.413	691	694	714	rVB	196032	524628	7.03%	1.330%
5	11.670	714	722	738	rBV2	2299001	5902735	79.11%	14.967%
6	15.277	1109	1115	1134	rBV	3174670	6981649	93.57%	17.703%
7	20.556	1683	1690	1708	rBV	3321199	7461605	100.00%	18.920%
8	24.972	2165	2171	2184	rBV2	3172517	6972460	93.44%	17.680%
9	25.119	2184	2187	2206	rVB	30498	113516	1.52%	0.288%
10	30.049	2719	2724	2732	rBV	446275	908302	12.17%	2.303%
11	33.005	3039	3046	3069	rBV2	2091670	5090669	68.22%	12.908%
12	37.099	3484	3492	3513	rBV	1365799	3908560	52.38%	9.911%

Sum of corrected areas: 39437647

29289.D GCMS1126.M Fri Dec 21 12:17:42 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29289.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 1:25 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/5
Misc Info :
Vial Number: 24
Quant File :GCMS1126.RES (RTE Integrator)



29289.D GCMS1126.M Fri Dec 21 12:17:48 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29289.D
Acq On : 13 Dec 2001 1:25 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

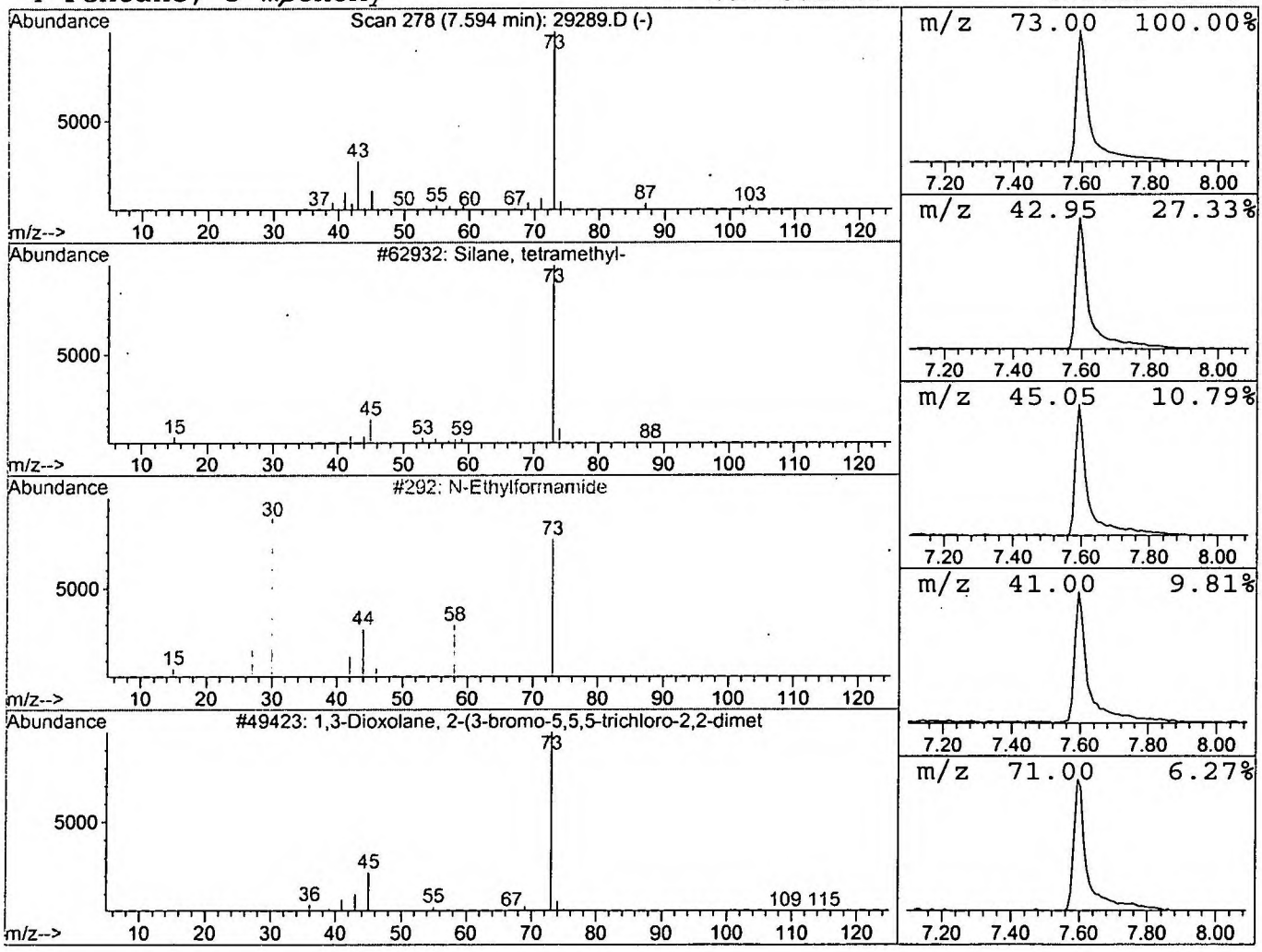
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	3.73 ug/l	1099440	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
2	N-Ethylformamide	73	C3H7NO	000627-45-2	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\DEC1201\29289.D
Acq On : 13 Dec 2001 1:25 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

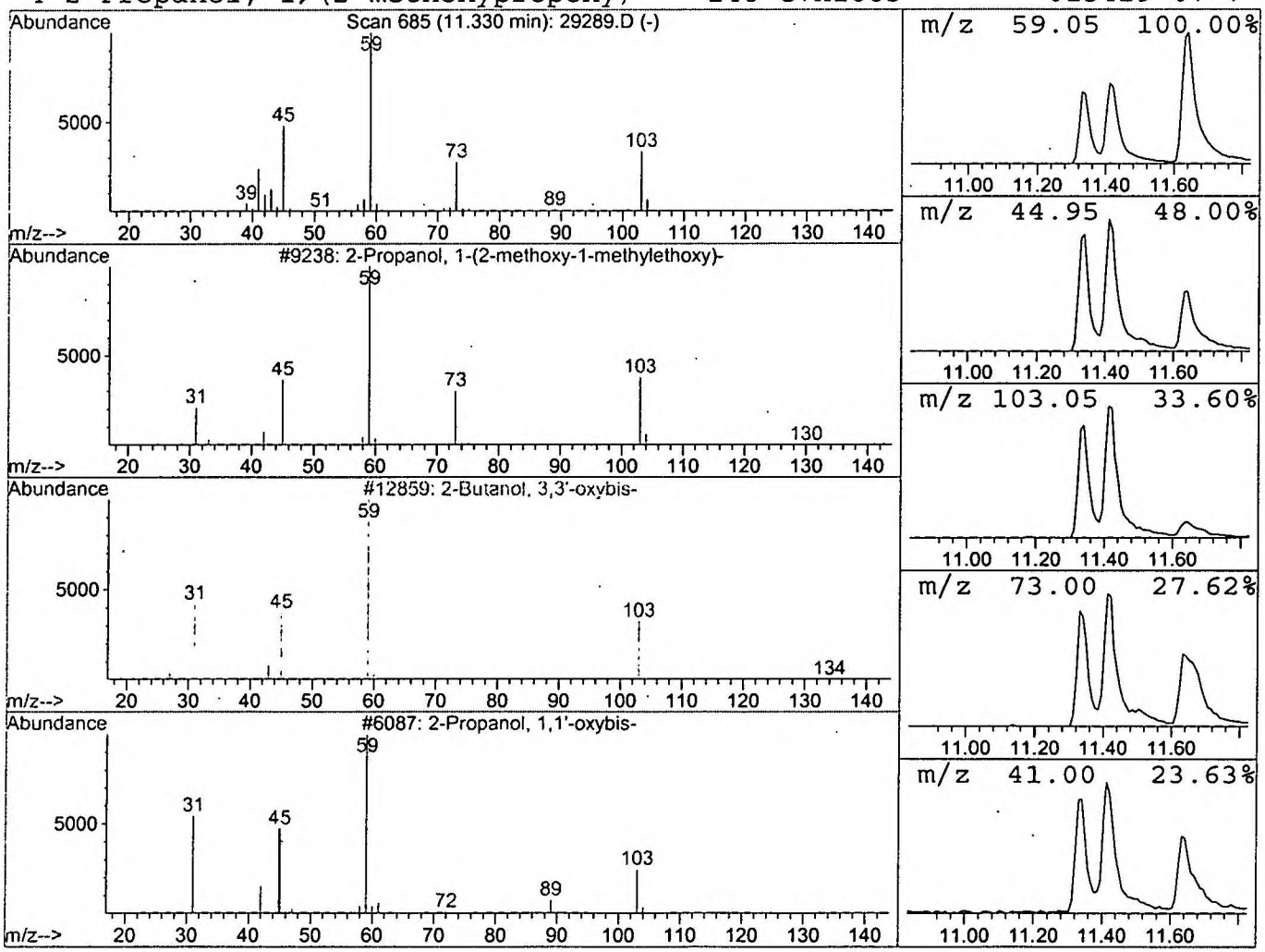
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	1.31 ug/l	387096	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	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29289.D
Acq On : 13 Dec 2001 1:25 am
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

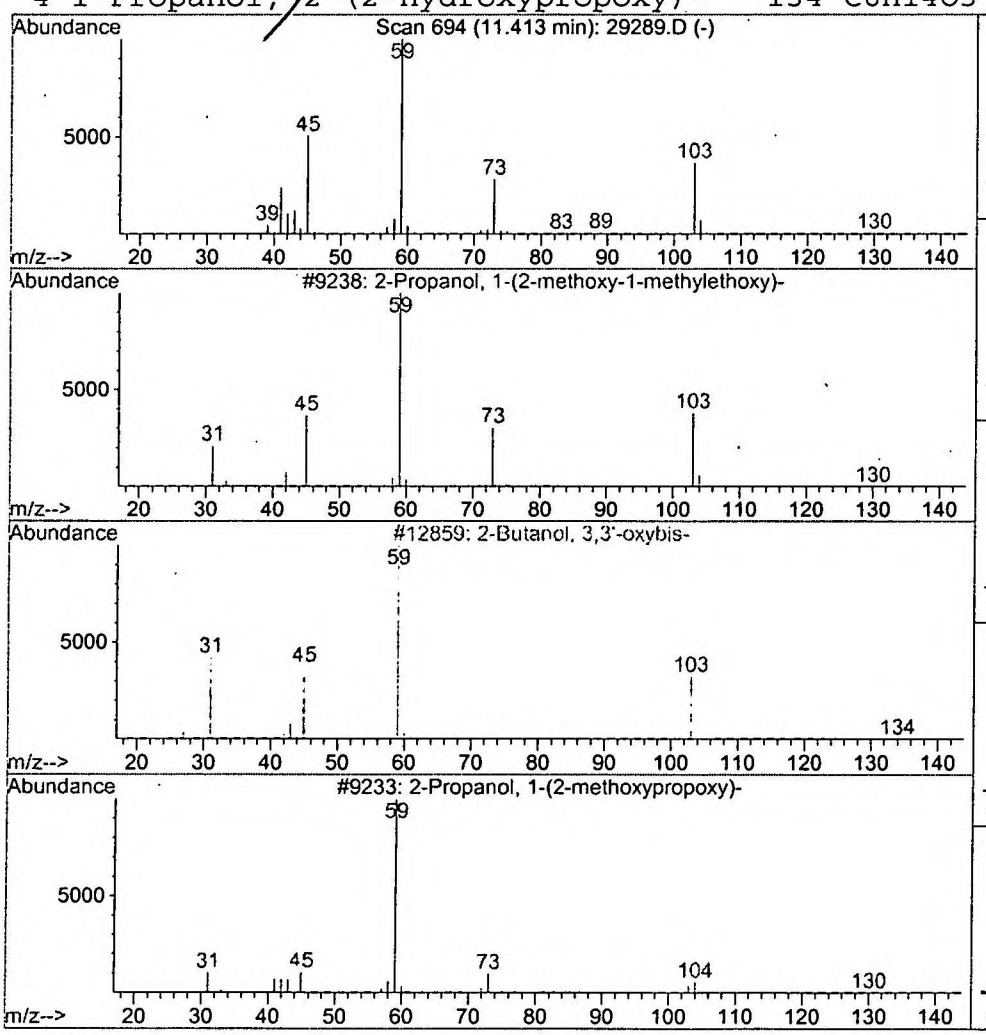
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

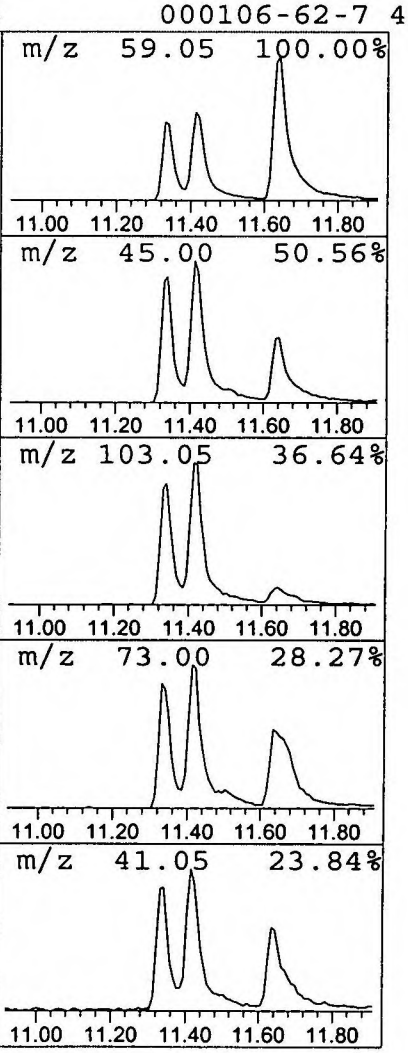
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	1.78 ug/l	524628	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	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 1:25 am
Data File: C:\HPCHEM\1\DATA\DEC1201\29289.D
Name: gc/ms scan 12/5
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-	7.59	3.7	ug/l	1099440	ISTD01	11.67	5902740	20.0
2-Propanol, 1-(2-met	11.33	1.3	ug/l	387096	ISTD01	11.67	5902740	20.0
2-Propanol, 1-(2-met	11.41	1.8	ug/l	524628	ISTD01	11.67	5902740	20.0

29289.D GCMS1126.M Fri Dec 21 12:18:06 2001