User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/04/2002 Time: 12:25:56

Sample: AD29457
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/4/02 12:25 Ended: 1/4/02 12:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		96		5.0

Comments for Sample AD29457 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-04-2002 Time: 12:26:11

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\29457.D Vial: 17
Acq On : 12 Dec 2001 6:36 pm 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 10:36 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	1048829	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4020535	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2014886	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2917445	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1884996	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1307646	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	165882	4.78	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 95.60%			
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	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	13.29	77	172	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	15.32	128	1210	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	21.32	165	193	N.D.		
25) Diethylphthalate	22.09	149	816	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	22.98	77	110	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\29457.D Vial: 17
Acq On : 12 Dec 2001 6:36 pm 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 10:36 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

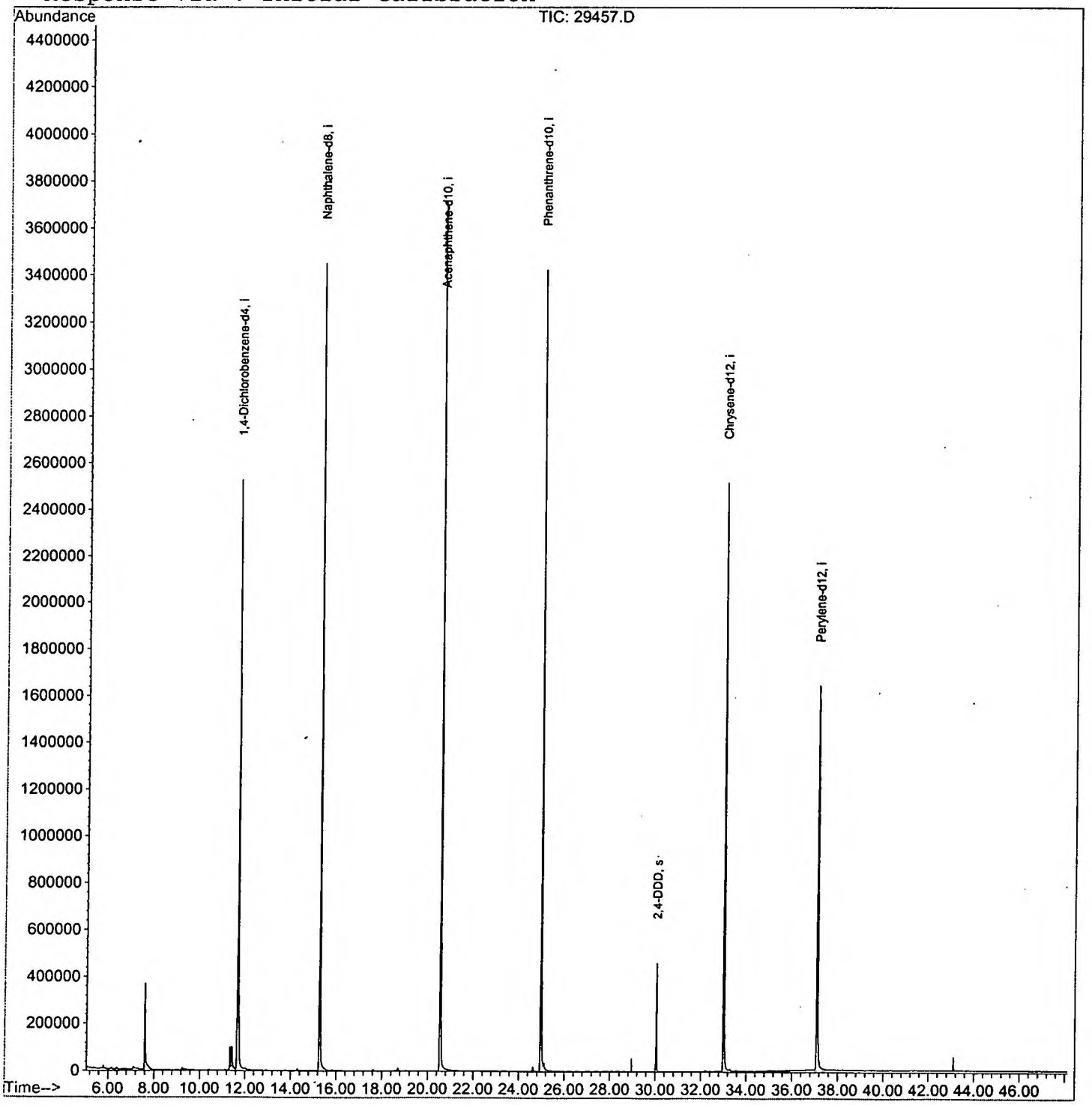
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	566	N.D.	
34)	Anthracene	25.05	178	566	N.D.	
35)	Di-n-butylphthalate	26.98	149	5228	N.D.	
36)	Fluoranthene	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	5507	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	7032	N.D.	
43)	Chrysene	33.01	228	5507	N.D.	
45)	Di-n-Octylphthalate	35.09	149	218	N.D.	
46)	Benzo(b)fluoranthene	36.07	252	124	N.D.	
47)	Benzo(k)fluoranthene	36.12	252	725	N.D.	
48)	Benzo(a)pyrene	37.11	252	5282	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\29457.D Vial: 17
Acq On : 12 Dec 2001 6:36 pm 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 10:36 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\DEC1201\29457.D Vial: 17
Acq On : 12 Dec 2001 6:36 pm 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

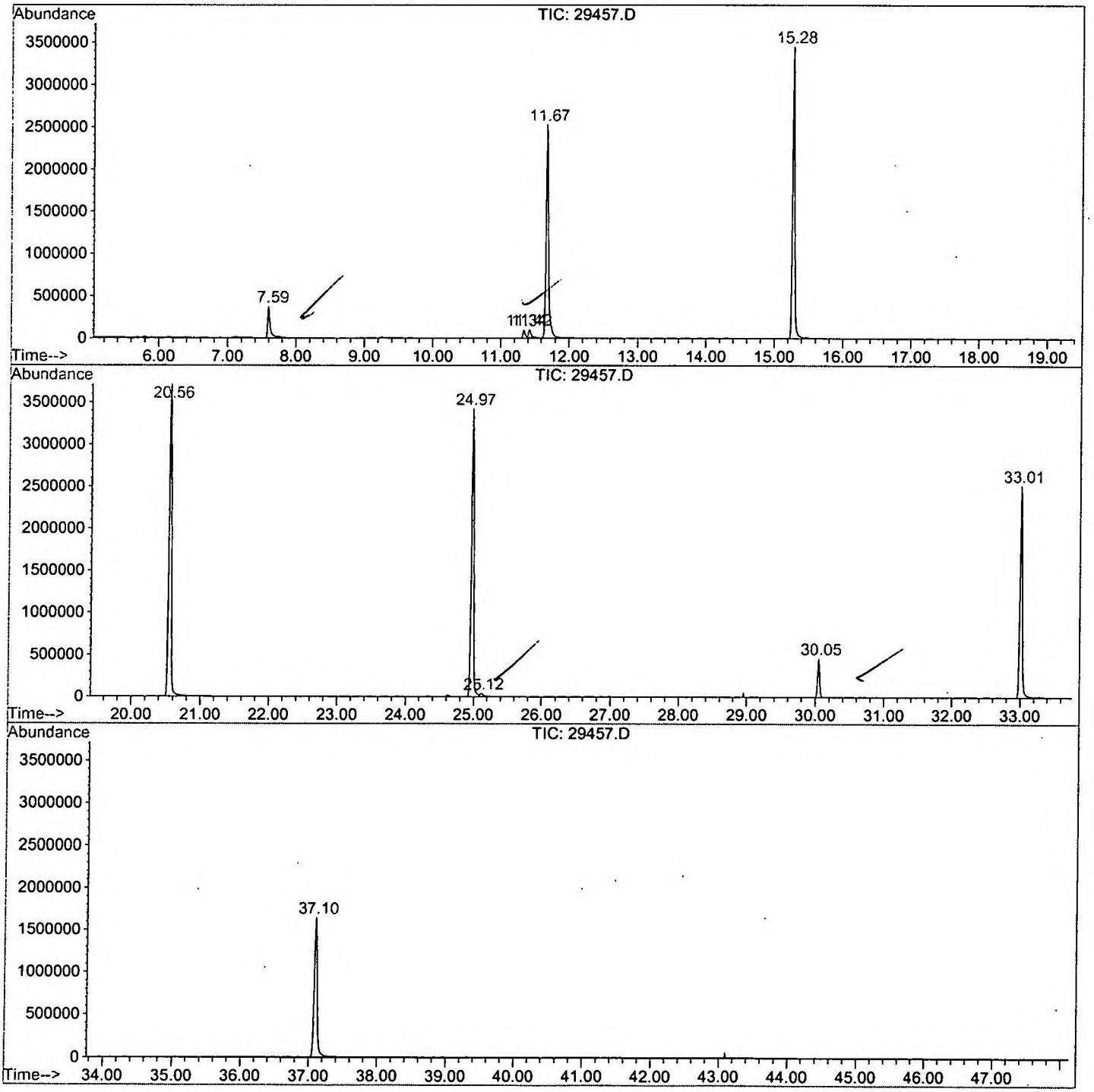
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	292	rBV	368419	896611	10.80%	2.090%
2	11.340	682	686	691	rBV	99374	213365	2.57%	0.497%
3	11.422	691	695	703	rVB	93586	232603	2.80%	0.542%
4	11.670	715	722	741	rBV	2522720	6070916	73.11%	14.150%
5	15.278	1109	1115	1133	rBV	3449342	7626381	91.84%	17.775%
6	20.557	1683	1690	1709	rBV	3717352	8304195	100.00%	19.355%
7	24.972	2165	2171	2183	rBV2	3423312	7775387	93.63%	18.122%
8	25.119	2183	2187	2197	rVB2	30982	108272	1.30%	0.252%
9	30.049	2718	2724	2730	rBV	461884	915869	11.03%	2.135%
10	33.005	3037	3046	3064	rBV2	2516582	5963327	71.81%	13.899%
11	37.099	3484	3492	3516	rBV2	1639489	4798450	57.78%	11.184%

Sum of corrected areas: 42905376

29457.D GCMS1126.M Fri Dec 21 12:23:57 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\29457.D
Operator : 209 GALOS
Acquired : 12 Dec 2001 6:36 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/5
Misc Info :
Vial Number: 17
Quant File :GCMS1126.RES (RTE Integrator)



29457.D GCMS1126.M Fri Dec 21 12:24:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29457.D
Acq On : 12 Dec 2001 6:36 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

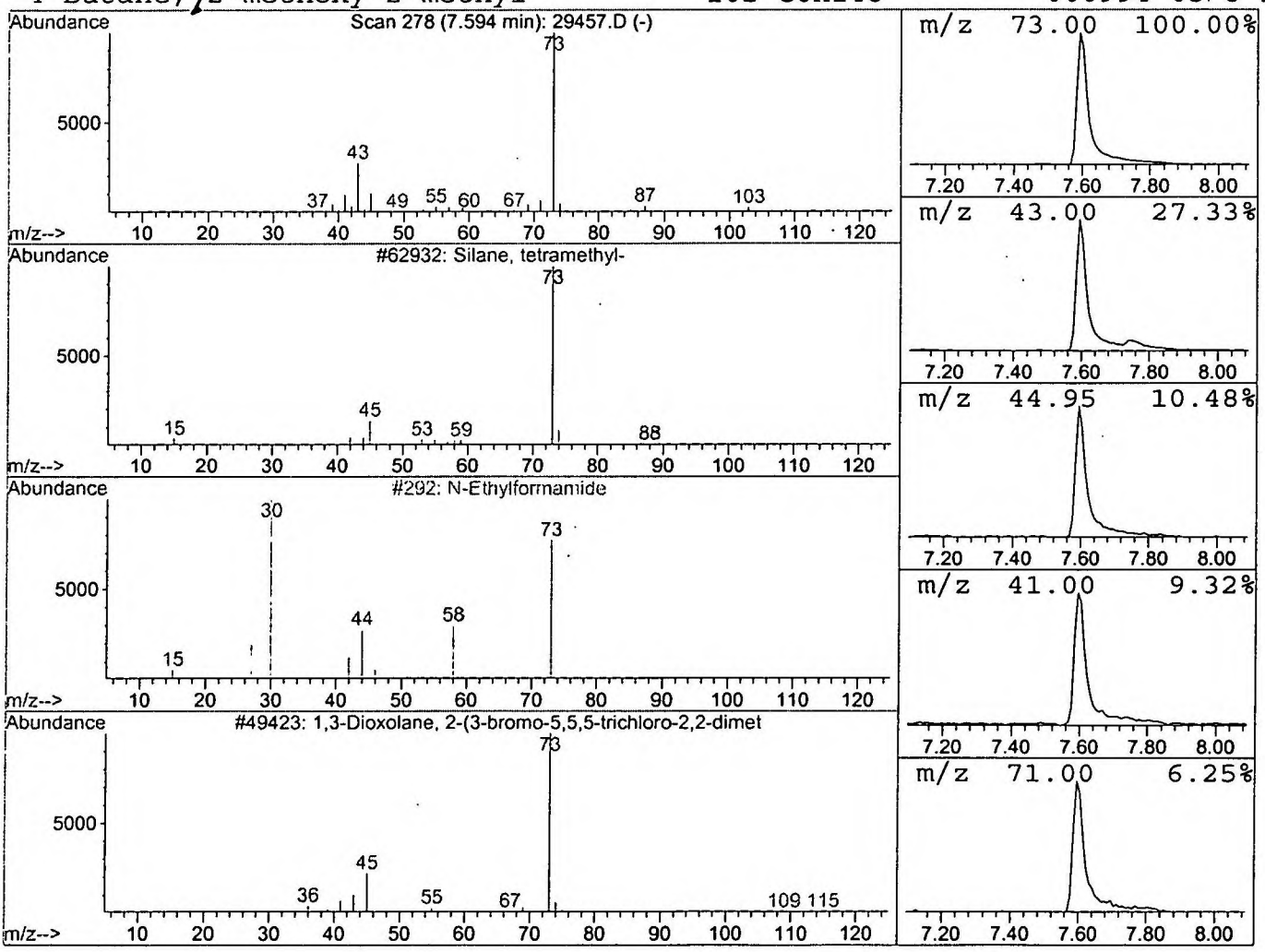
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	2.95 ug/l	896611	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29457.D Vial: 17
Acq On : 12 Dec 2001 6:36 pm Operator: 209 GALOS
Sample : gc/ms scan 12/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

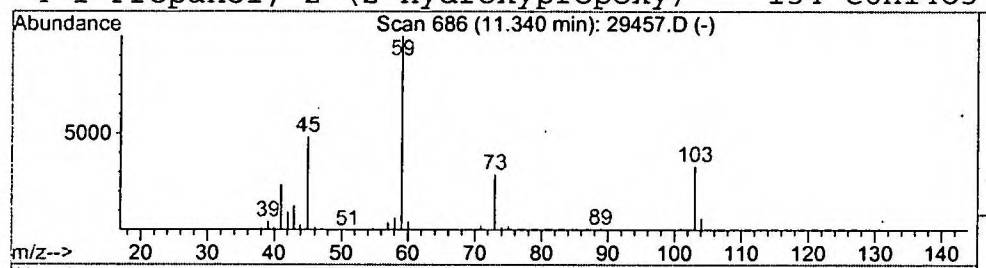
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

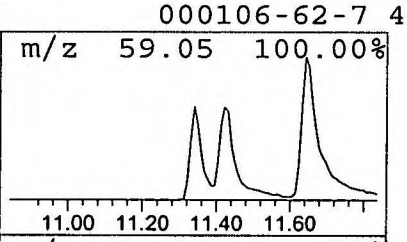
****

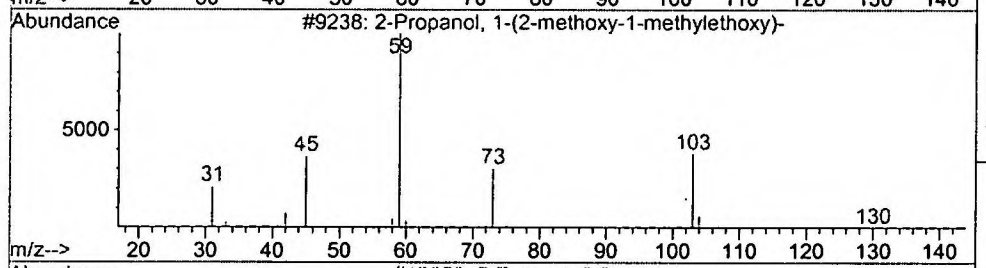
Peak Number 2 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

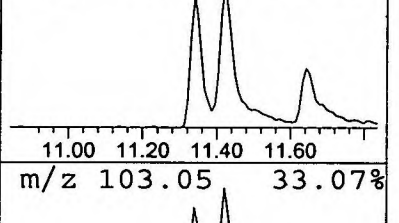
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	0.70 ug/l	213365	1,4-Dichlorobenzene-d4	11.67

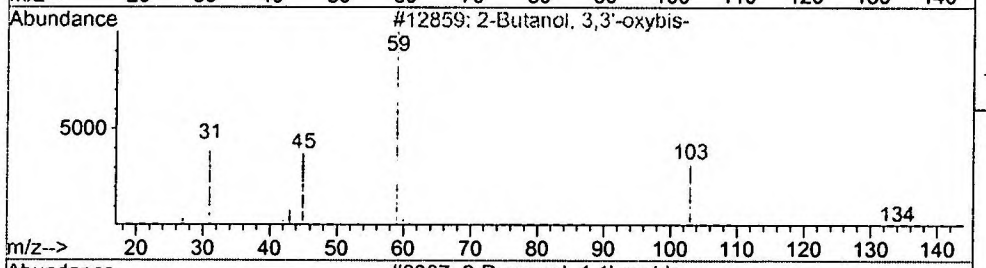
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
3	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	50
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	45

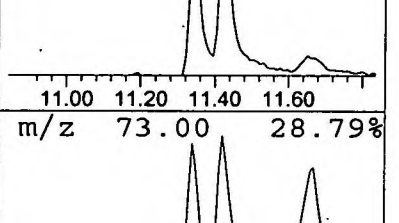


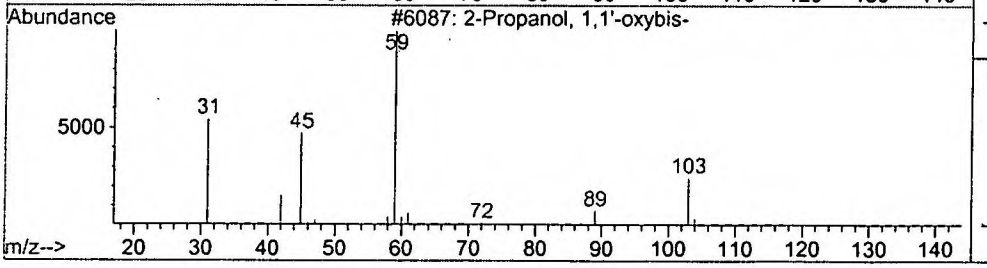


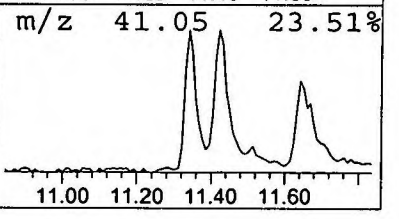












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\29457.D
Acq On : 12 Dec 2001 6:36 pm
Sample : gc/ms scan 12/5
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

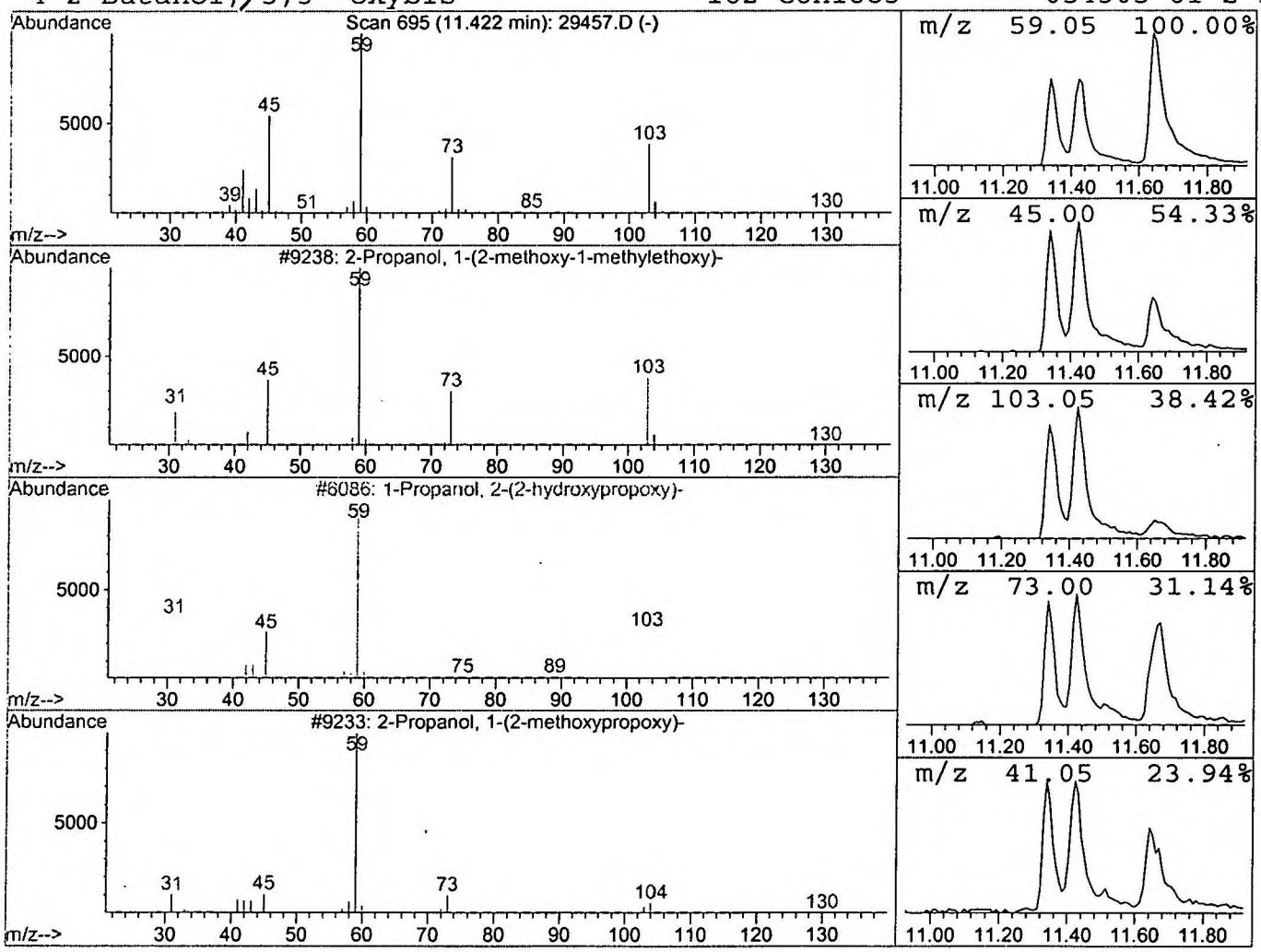
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	0.77 ug/l	232603	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	50
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	43
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 12 Dec 2001 6:36 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\29457.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	3.0	ug/l	896611	ISTD01	11.67	6070920	20.0
2-Propanol, 1-(2-met	11.34	0.7	ug/l	213365	ISTD01	11.67	6070920	20.0
2-Propanol, 1-(2-met	11.42	0.8	ug/l	232603	ISTD01	11.67	6070920	20.0

29457.D GCMS1126.M Fri Dec 21 12:24:21 2001