User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 12:17:29

Sample: AD29789
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:17 Ended: 1/9/02 12:17 Analyst: DLV
Page: 1

	Component Name	Vtol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		98		5.0

Comments for Sample AD29789 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 12:17:38

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\29789.D Vial: 21
Acq On : 15 Dec 2001 10:02 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 22:50 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	924922	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3563685	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1802597	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2580764	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1641569	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1037458	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	183426	4.91	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 98.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.17	74	303	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	13.14	77	105	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	1695	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	21.11	165	290	N.D.		
25) Diethylphthalate	22.09	149	980	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)

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Acq On : 15 Dec 2001 10:02 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
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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

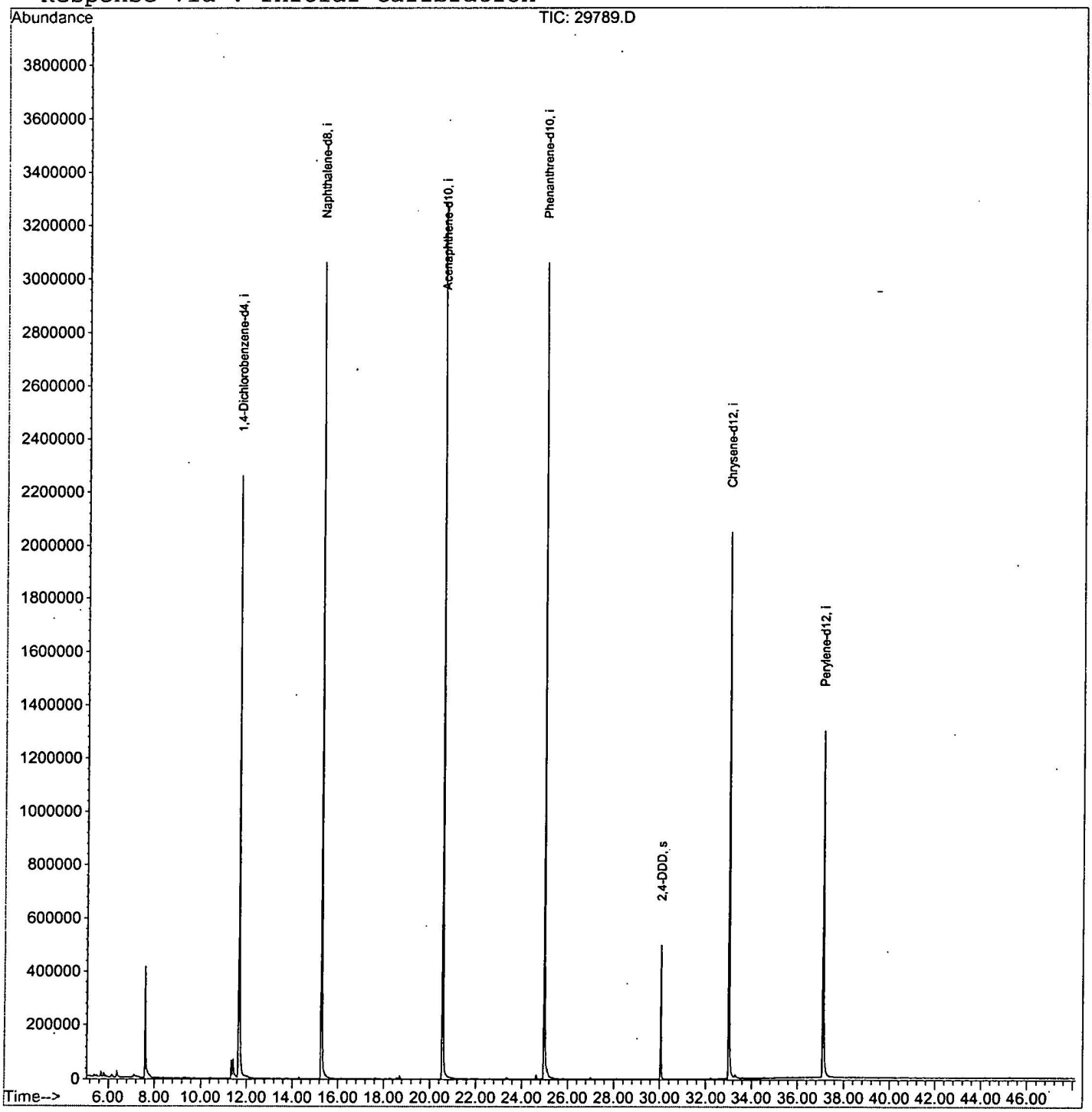
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.06	178	460	N.D.	
34) Anthracene	25.06	178	460	N.D.	
35) Di-n-butylphthalate	26.99	149	10892	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.51	149	365	N.D.	
41) Benzo(a)anthracene	33.01	228	3951	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	11962	N.D.	
43) Chrysene	33.01	228	3951	N.D.	
45) Di-n-Octylphthalate	35.04	149	691	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	3946	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\29789.D Vial: 21
Acq On : 15 Dec 2001 10:02 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 15 22:50 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\DEC1401\29789.D Vial: 21
Acq On : 15 Dec 2001 10:02 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a 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

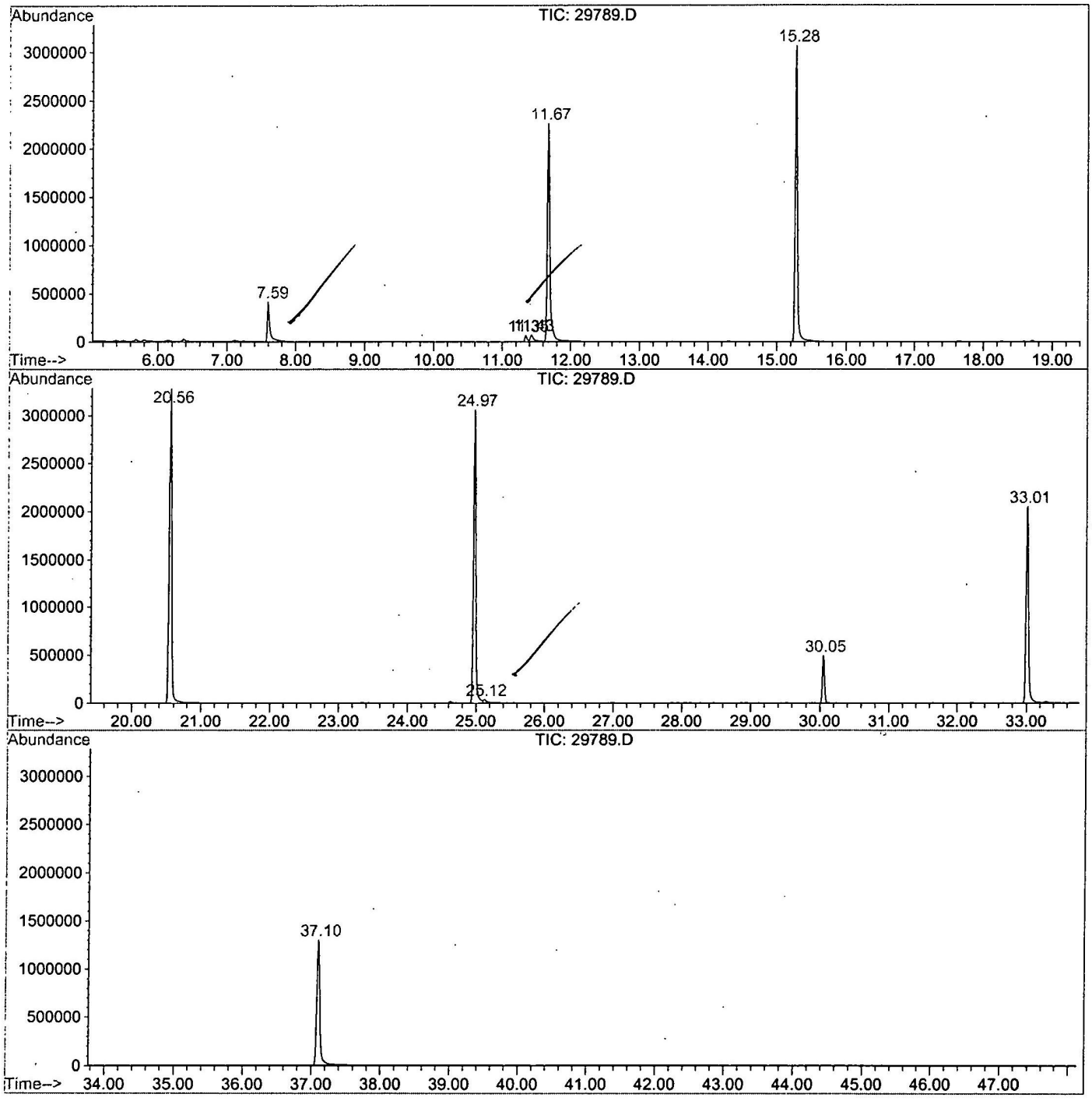
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.594	274	278	306	rBV	413678	1094705	14.57%	2.846%
2	11.349	683	687	692	rBV	66937	153110	2.04%	0.398%
3	11.432	692	696	709	rVB	67800	208473	2.77%	0.542%
4	11.670	716	722	747	rBV	2255017	5478005	72.91%	14.241%
5	15.278	1109	1115	1134	rBV	3060533	6864847	91.37%	17.847%
6	20.557	1683	1690	1707	rBV	3283822	7513315	100.00%	19.532%
7	24.972	2165	2171	2185	rBV2	3057433	6977143	92.86%	18.138%
8	25.119	2185	2187	2200	rVB2	31766	99685	1.33%	0.259%
9	30.049	2719	2724	2734	rBV	496537	1045972	13.92%	2.719%
10	33.014	3040	3047	3068	rBV2	2046546	5202992	69.25%	13.526%
11	37.100	3485	3492	3513	rBV2	1293347	3827806	50.95%	9.951%

Sum of corrected areas: 38466053

29789.D GCMS1126.M Fri Dec 28 13:24:35 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29789.D
Operator : 209 GALOS
Acquired : 15 Dec 2001 10:02 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/10 a
Misc Info :
Vial Number: 21
Quant File :GCMS1126.RES (RTE Integrator)



29789.D GCMS1126.M Fri Dec 28 13:24:40 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789.D
Acq On : 15 Dec 2001 10:02 pm
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

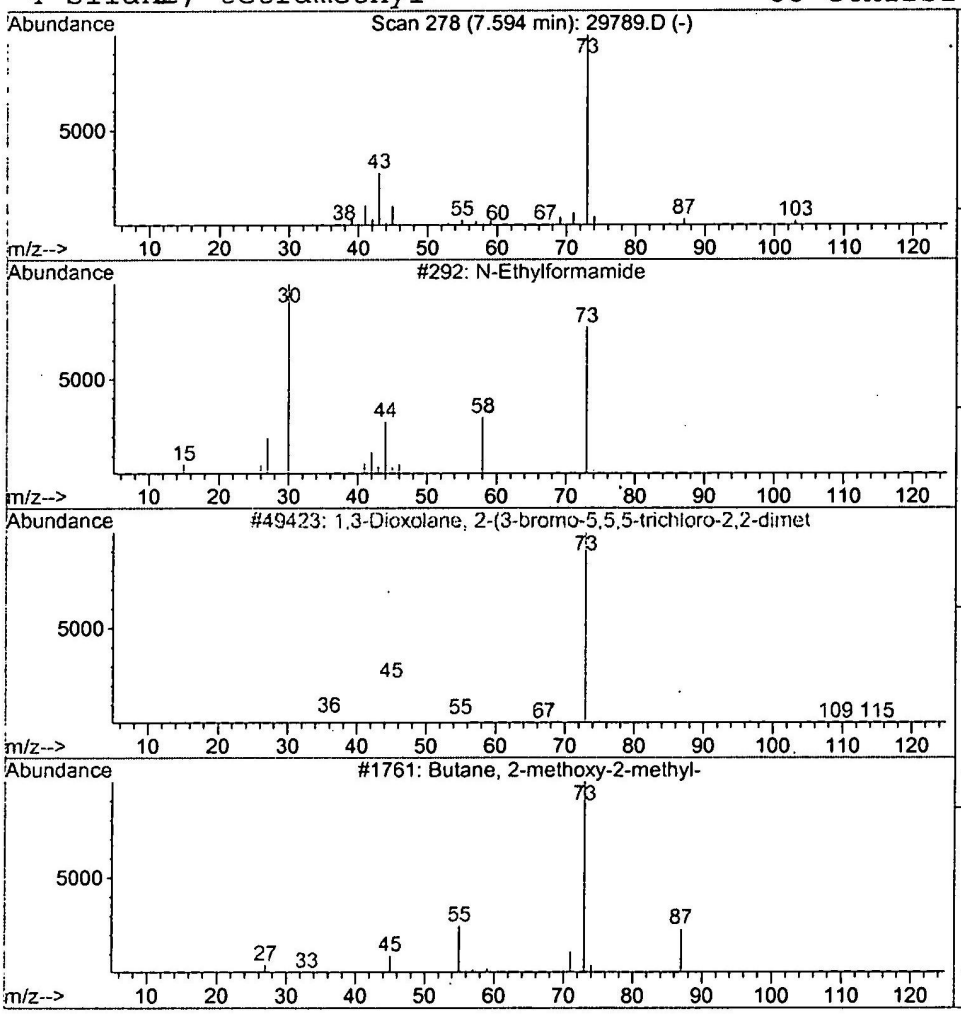
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

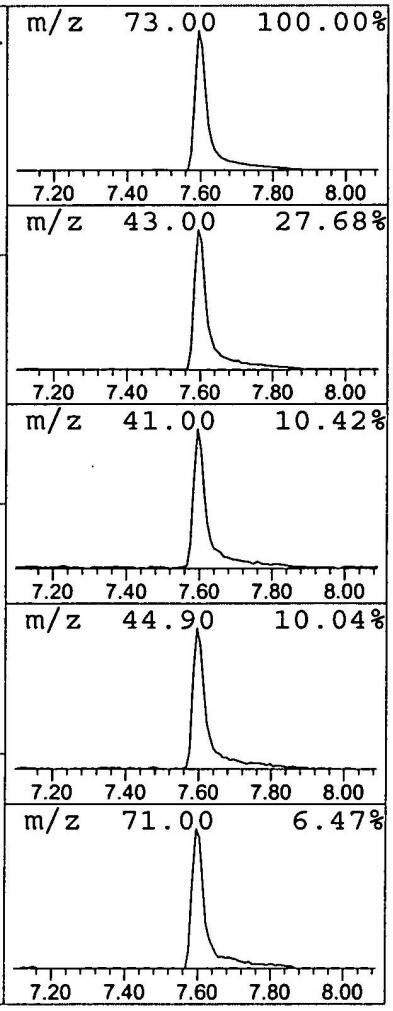
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.00 ug/l	1094710	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	5





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789.D
Acq On : 15 Dec 2001 10:02 pm
Sample : gcms scan 12/10 a
Misc :
MS Integration Params: LSCINT.P

Vial: 21
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

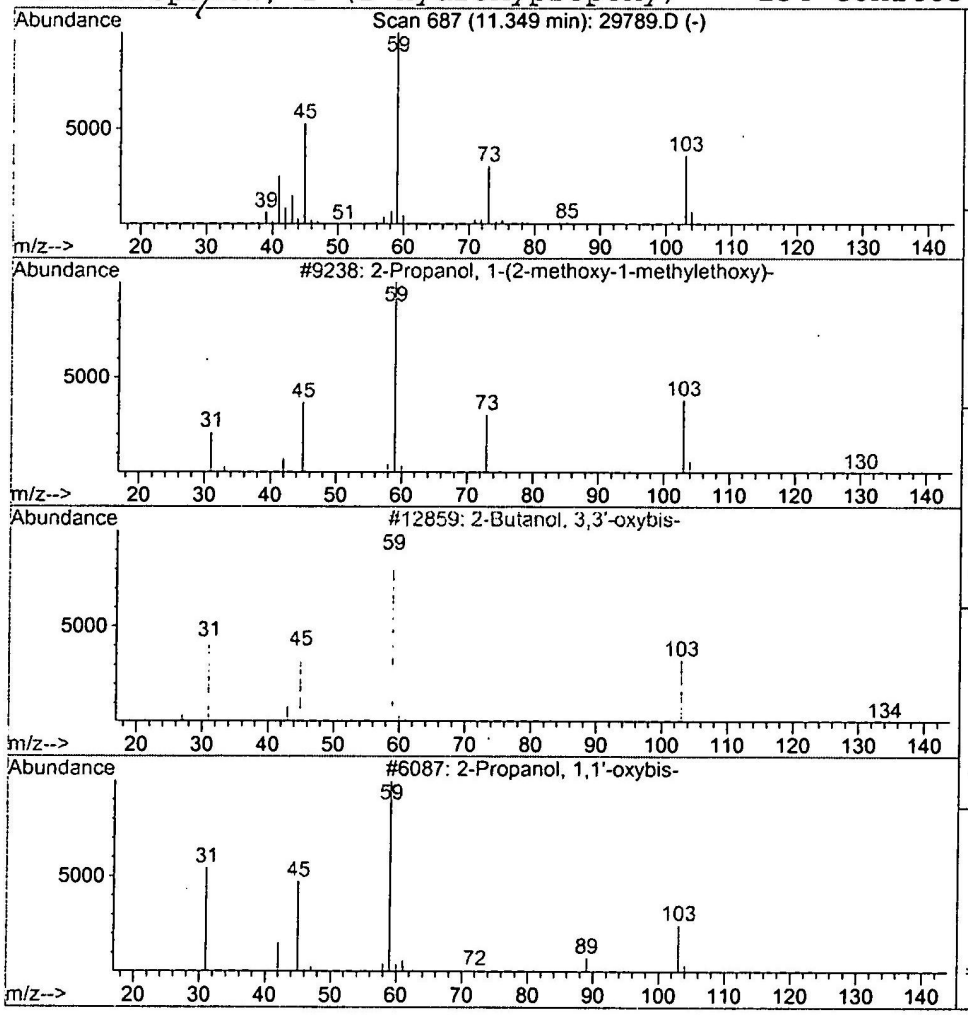
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

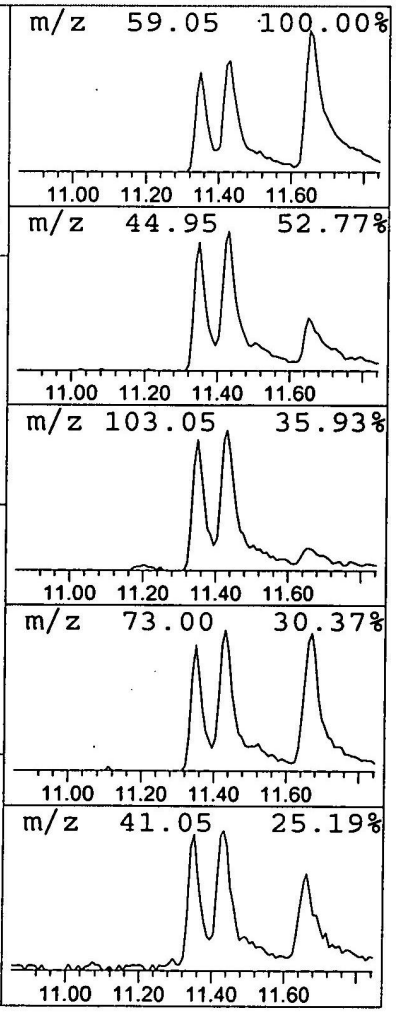
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.56 ug/l	153110	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	56
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29789.D Vial: 21
Acq On : 15 Dec 2001 10:02 pm Operator: 209 GALOS
Sample : gcms scan 12/10 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

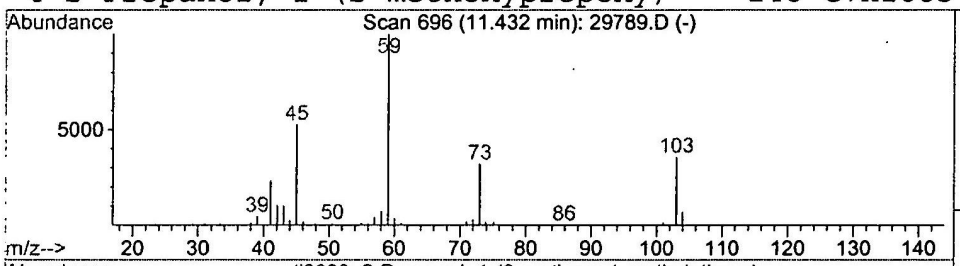
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

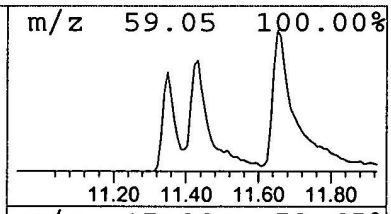
****

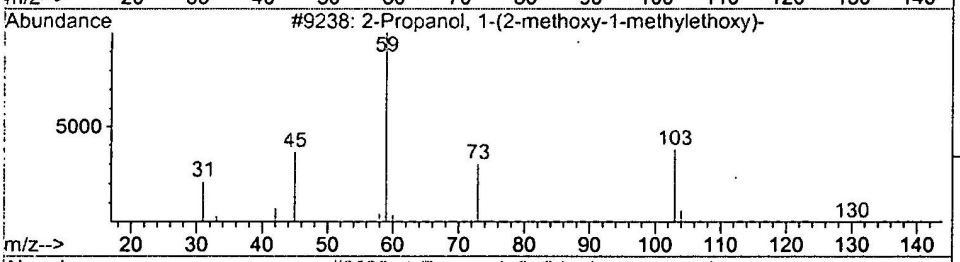
Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 2

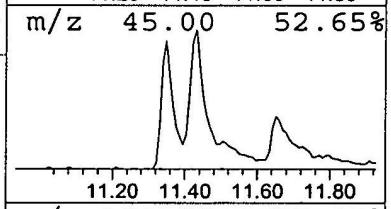
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.76 ug/l	208473	1,4-Dichlorobenzene-d4	11.67

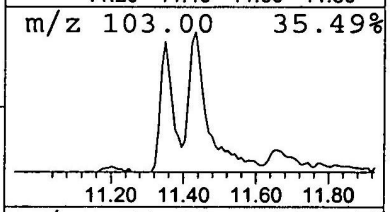
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50

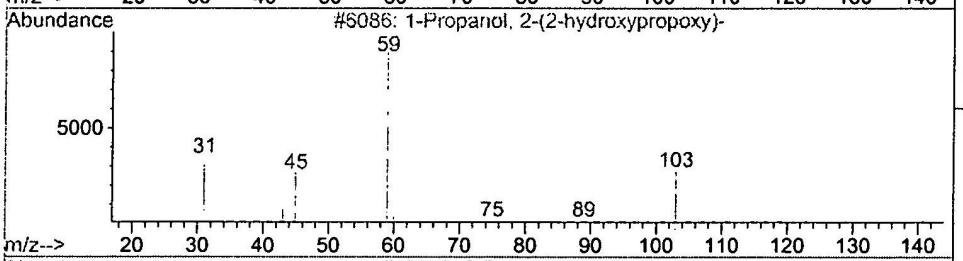


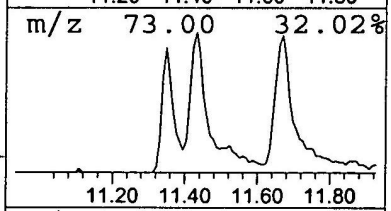


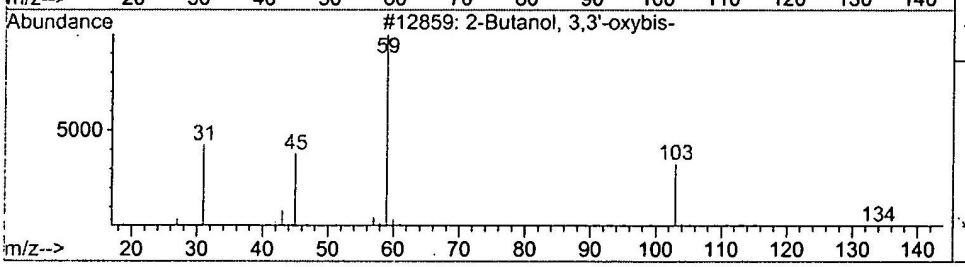


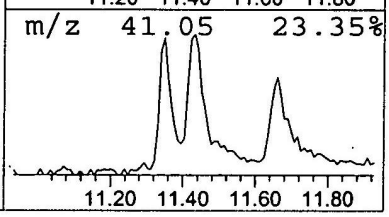












Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 15 Dec 2001 10:02 pm
Data File: C:\HPCHEM\1\DATA\DEC1401\29789.D
Name: gcms scan 12/10 a
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	4.0	ug/l	1094710	ISTD01	11.67	5478010	20.0
2-Propanol, 1-(2-met	11.35	0.6	ug/l	153110	ISTD01	11.67	5478010	20.0
2-Propanol, 1-(2-met	11.43	0.8	ug/l	208473	ISTD01	11.67	5478010	20.0

29789.D GCMS1126.M Fri Dec 28 13:24:59 2001