User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:18:21

Sample: AD28968
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 09:30 Ended: 1/9/02 09:30 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		77		5.0

Comments for Sample AD28968 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:19:00

A scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds. This sample was received with a pH of less than 2.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\28968.D Vial: 31
Acq On : 13 Dec 2001 7:15 am Operator: 209 GALOS
Sample : gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 13 15:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 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	1112656	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	4263503	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2159455	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3044488	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1972694	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1233779	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	170025	3.86	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 77.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.16	74	201	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	13.57	82	185	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	420	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	20.54	153	235	N.D.		
24) 2,4-Dinitrotoluene	21.11	165	292	N.D.		
25) Diethylphthalate	22.07	149	746	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	22.87	77	188	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\28968.D Vial: 31
Acq On : 13 Dec 2001 7:15 am Operator: 209 GALOS
Sample : gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 13 15:48 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

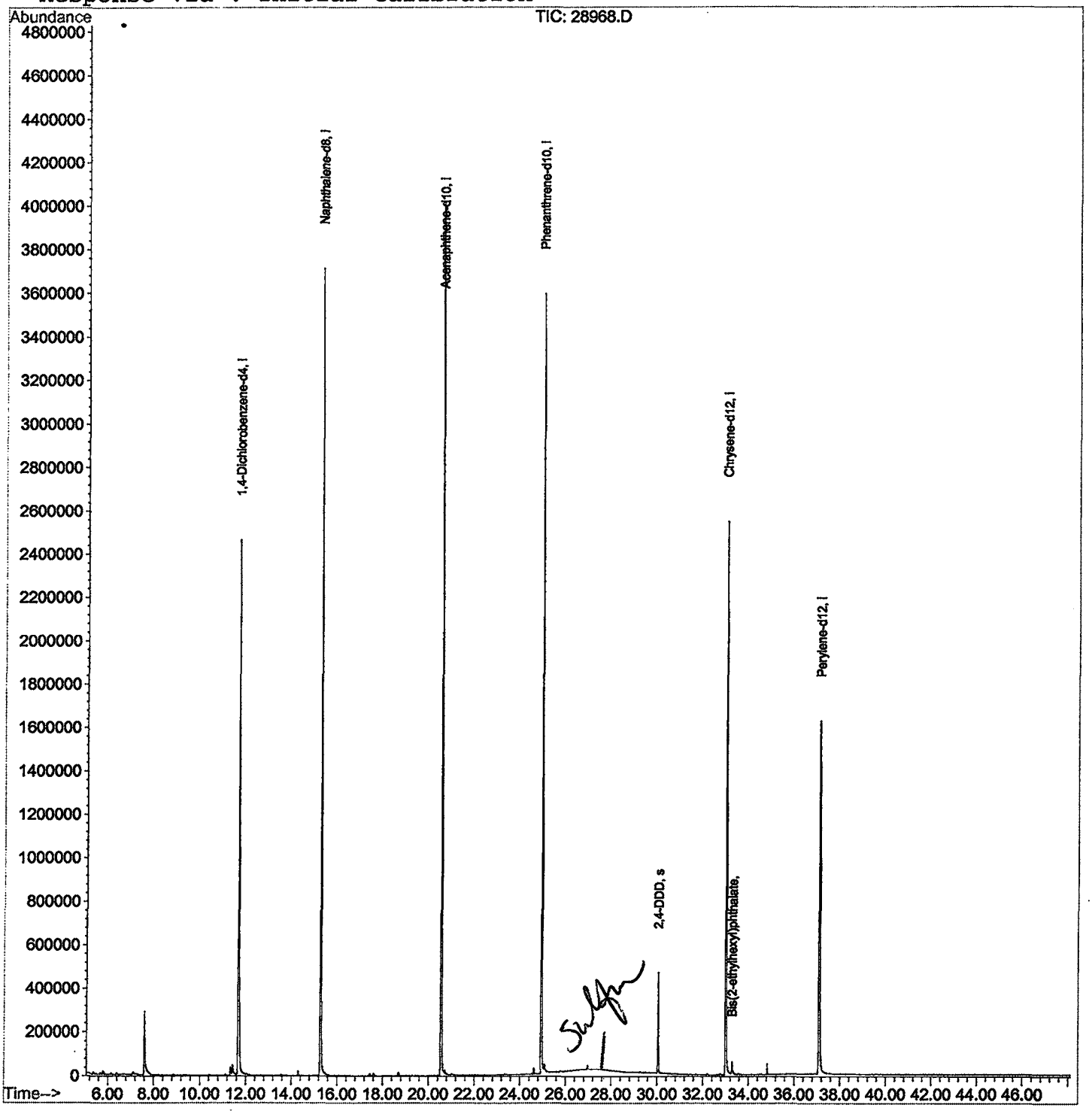
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.97	178	1125	N.D.	
34)	Anthracene	24.97	178	1125	N.D.	
35)	Di-n-butylphthalate	26.98	149	24679	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.49	149	1304	N.D.	
41)	Benzo(a)anthracene	33.00	228	4898	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	44870	0.37 ug/l	98
43)	Chrysene	33.00	228	4898	N.D.	
45)	Di-n-Octylphthalate	35.04	149	1245	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	5519	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\28968.D Vial: 31
Acq On : 13 Dec 2001 7:15 am Operator: 209 GALOS
Sample : gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 13 15:48 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 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28968.D Vial: 31
Acq On : 13 Dec 2001 7:15 am Operator: 209 GALOS
Sample : gc/ms scan 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

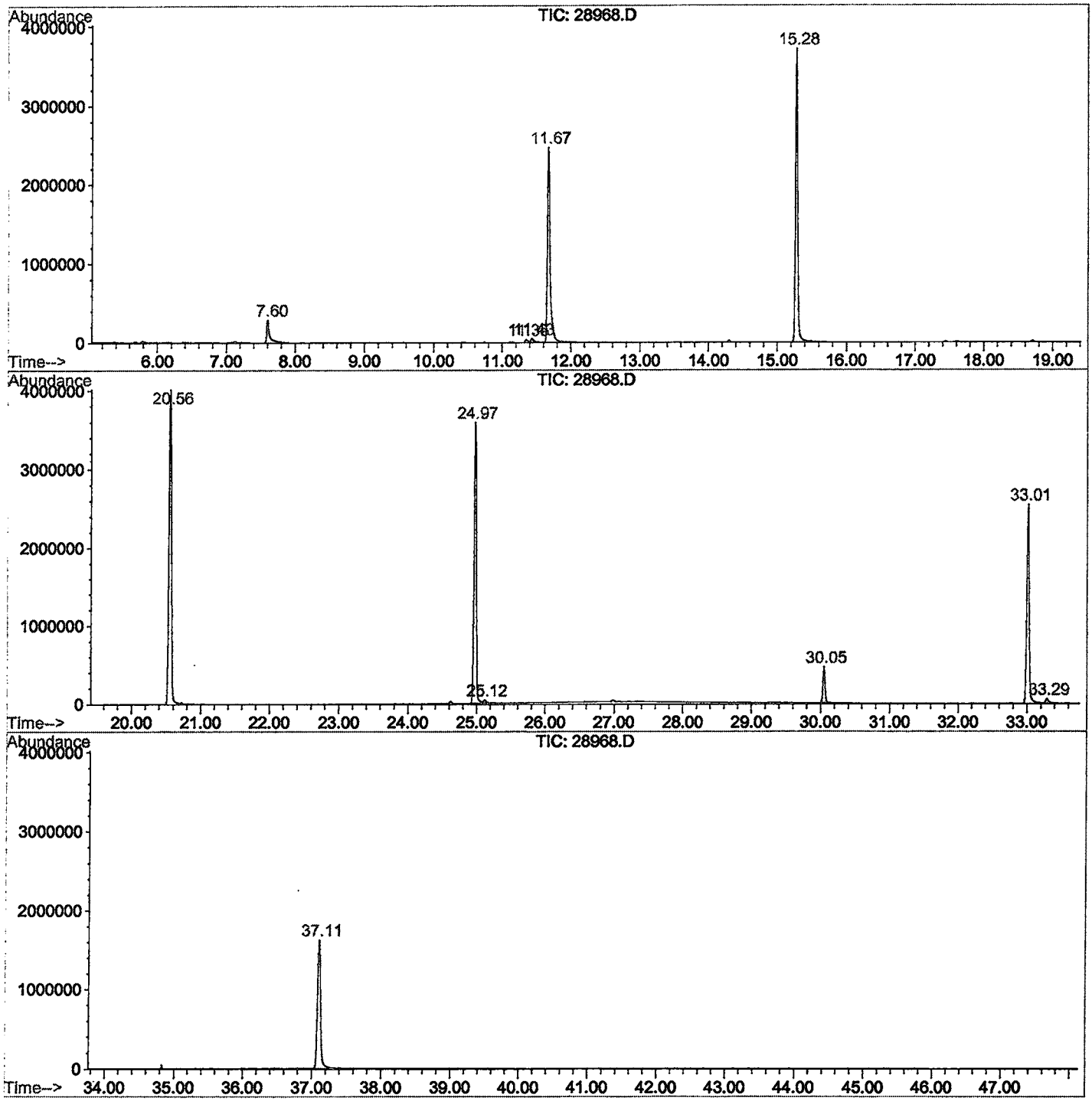
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	312	rVB	287252	874489	9.81%	1.950%
2	11.348	683	687	692	rBV	38250	94378	1.06%	0.210%
3	11.431	692	696	717	rVB	46091	157170	1.76%	0.351%
4	11.669	717	722	741	rBV	2462407	6271903	70.35%	13.988%
5	15.277	1109	1115	1133	rBV	3711978	8092669	90.78%	18.048%
6	20.556	1683	1690	1707	rBV	4019628	8914879	100.00%	19.882%
7	24.972	2165	2171	2183	rBV2	3583021	8118433	91.07%	18.106%
8	25.119	2183	2187	2197	rVB3	36434	105520	1.18%	0.235%
9	30.048	2718	2724	2733	rBV	457199	942705	10.57%	2.102%
10	33.014	3039	3047	3061	rBV2	2545664	6201579	69.56%	13.831%
11	33.289	3072	3077	3088	rVB	54780	151651	1.70%	0.338%
12	37.108	3484	3493	3509	rBV2	1619156	4913889	55.12%	10.959%

Sum of corrected areas: 44839265

28968.D GCMS1126.M Tue Jan 08 09:29:20 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\28968.D
Operator : 209 GALOS
Acquired : 13 Dec 2001 7:15 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan
Misc Info :
Vial Number: 31
Quant File :GCMS1126.RES (RTE Integrator)



28968.D GCMS1126.M Tue Jan 08 09:29:26 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28968.D
Acq On : 13 Dec 2001 7:15 am
Sample : gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

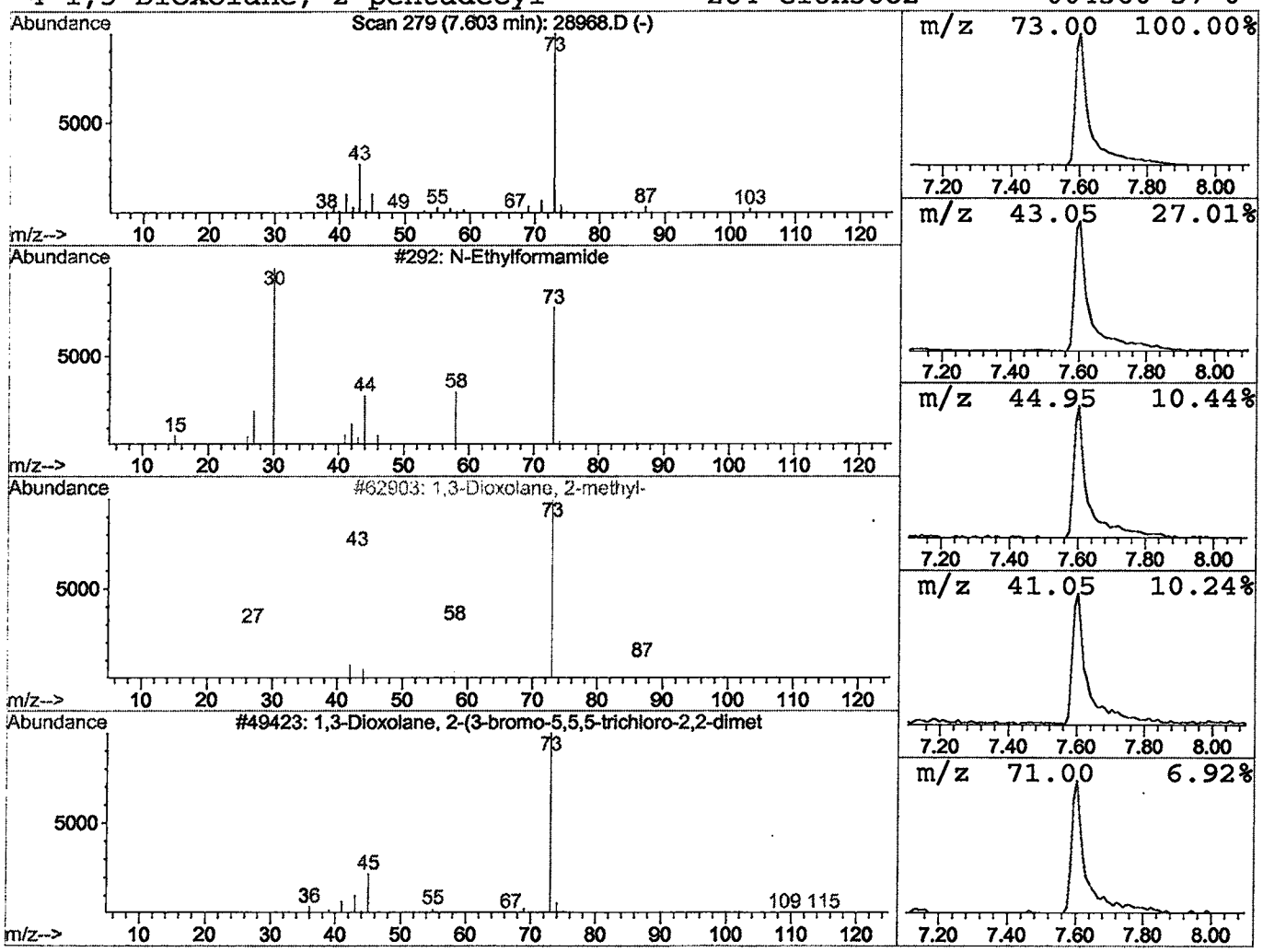
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.79 ug/l	874489	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-methyl-	88	C4H8O2	000497-26-7	5
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	4
4	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\28968.D
Acq On : 13 Dec 2001 7:15 am
Sample : gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

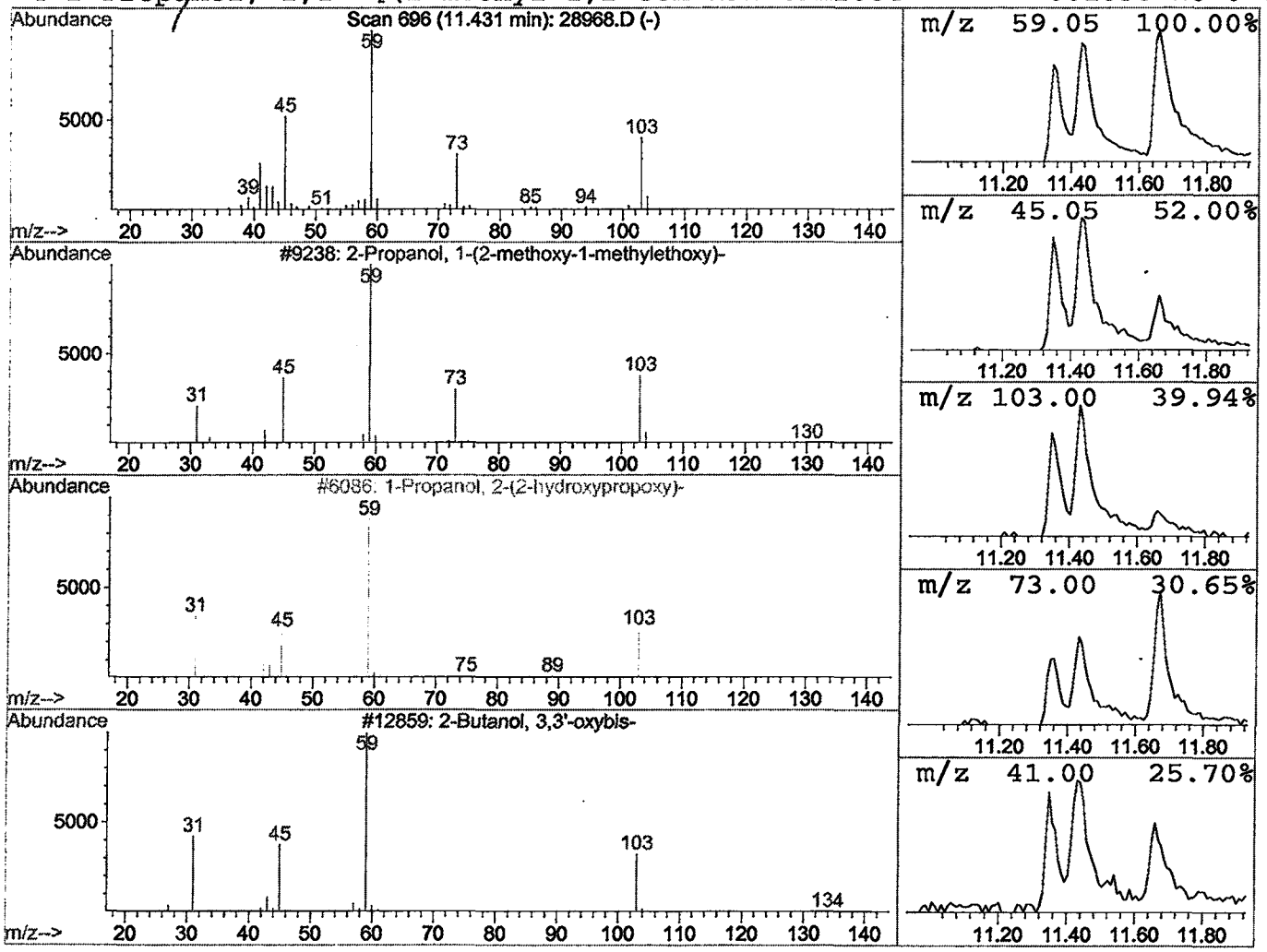
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.50 ug/l	157170	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	59
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	50
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	47



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 13 Dec 2001 7:15 am
Data File: C:\HPCHEM\1\DATA\DEC1201\28968.D
Name: gc/ms scan
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	7.60	2.8	ug/l	874489	ISTD01	11.67	6271900	20.0
2-Propanol, 1-(2-met	11.43	0.5	ug/l	157170	ISTD01	11.67	6271900	20.0

28968.D GCMS1126.M Tue Jan 08 09:29:42 2002