Comments for Sample AD29140 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 13:37:33

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

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 13:36:56

Sample: AD29140
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 13:36 Ended: 12/18/01 13:36 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29140.D Vial: 37
Acq On : 11 Dec 2001 11:46 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 11:09 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	984184	20.00	ug/l	-0.03
10) Naphthalene-d8	15.28	136	3735899	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	1905979	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2663759	20.00	ug/l	-0.02
38) Chrysene-d12	33.00	240	1675813	20.00	ug/l	-0.03
44) Perylene-d12	37.10	264	1171067	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	147834	4.66	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 93.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.23	74	220	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	13.85	82	106	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	1387	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	21.23	165	257	N.D.		
25) Diethylphthalate	22.07	149	1133	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\29140.D Vial: 37
Acq On : 11 Dec 2001 11:46 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 11:09 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

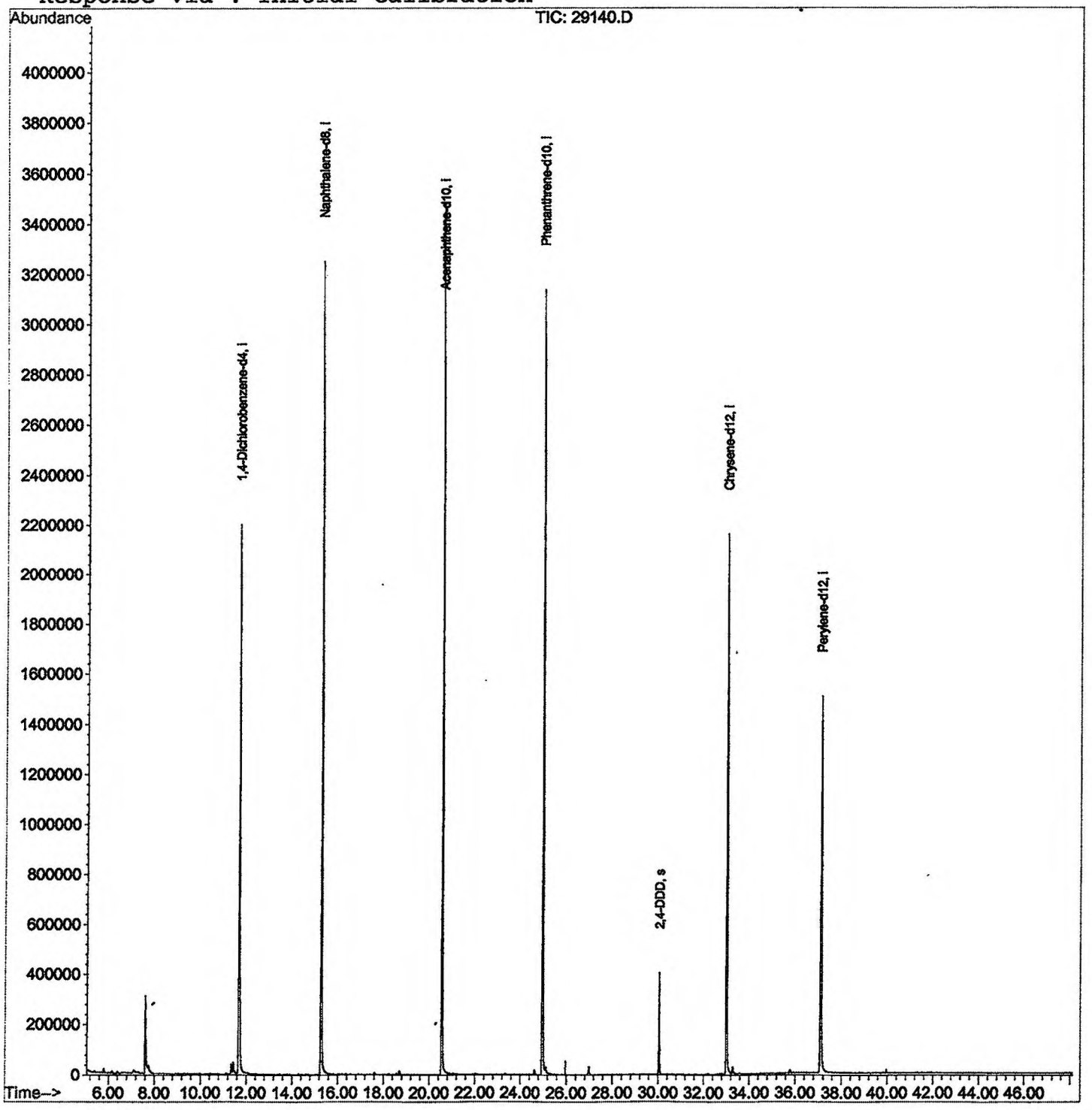
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	948	N.D.	
34)	Anthracene	25.04	178	948	N.D.	
35)	Di-n-butylphthalate	26.99	149	45078	N.D.	
36)	Fluoranthene	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	33.00	228	4248	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	23010	N.D.	
43)	Chrysene	33.00	228	4248	N.D.	
45)	Di-n-Octylphthalate	35.03	149	187	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	37.11	252	4686	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\29140.D Vial: 37
Acq On : 11 Dec 2001 11:46 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 18 11:09 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29140.D Vial: 37
Acq On : 11 Dec 2001 11:46 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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

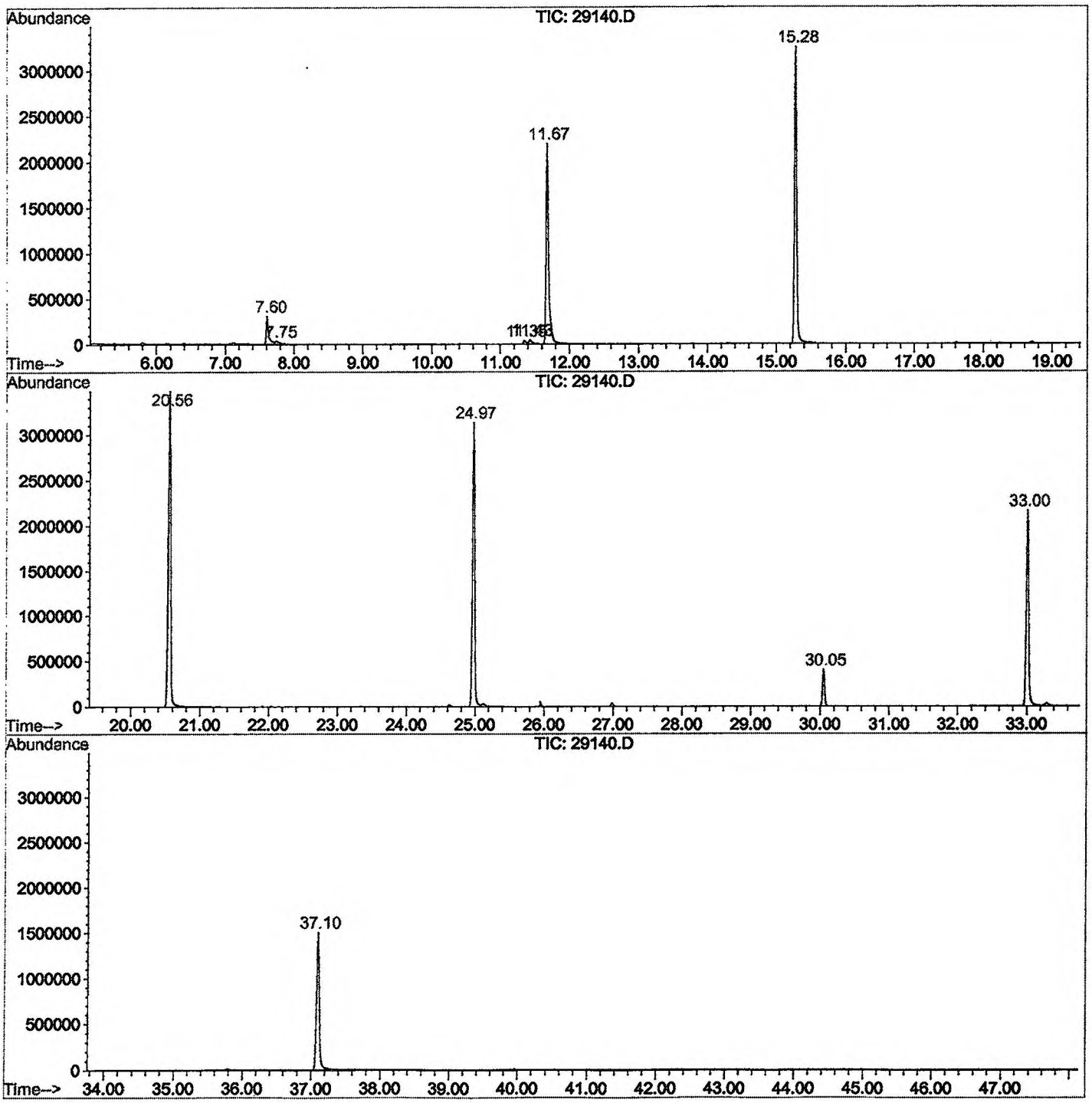
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.603	275	279	292	rBV	307391	784888	10.04%	2.011%
2	7.750	292	295	312	rVB	32442	130462	1.67%	0.334%
3	11.348	684	687	693	rBV	40265	99949	1.28%	0.256%
4	11.431	693	696	717	rVB	45780	146592	1.87%	0.376%
5	11.670	717	722	741	rBV	2197589	5520856	70.61%	14.146%
6	15.277	1109	1115	1133	rBV	3249912	7050898	90.17%	18.067%
7	20.556	1683	1690	1707	rBV	3485357	7819246	100.00%	20.035%
8	24.972	2165	2171	2183	rBV2	3136672	7087124	90.64%	18.159%
9	30.049	2719	2724	2734	rVB	404873	814269	10.41%	2.086%
10	33.005	3039	3046	3068	rBV2	2160117	5289366	67.65%	13.553%
11	37.099	3484	3492	3511	rBV2	1501918	4283605	54.78%	10.976%

Sum of corrected areas: 39027255

29140.D GCMS1126.M Fri Dec 21 15:07:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29140.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 11:46 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 37
Quant File :GCMS1126.RES (RTE Integrator)



29140.D GCMS1126.M Fri Dec 21 15:07:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29140.D
Acq On : 11 Dec 2001 11:46 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

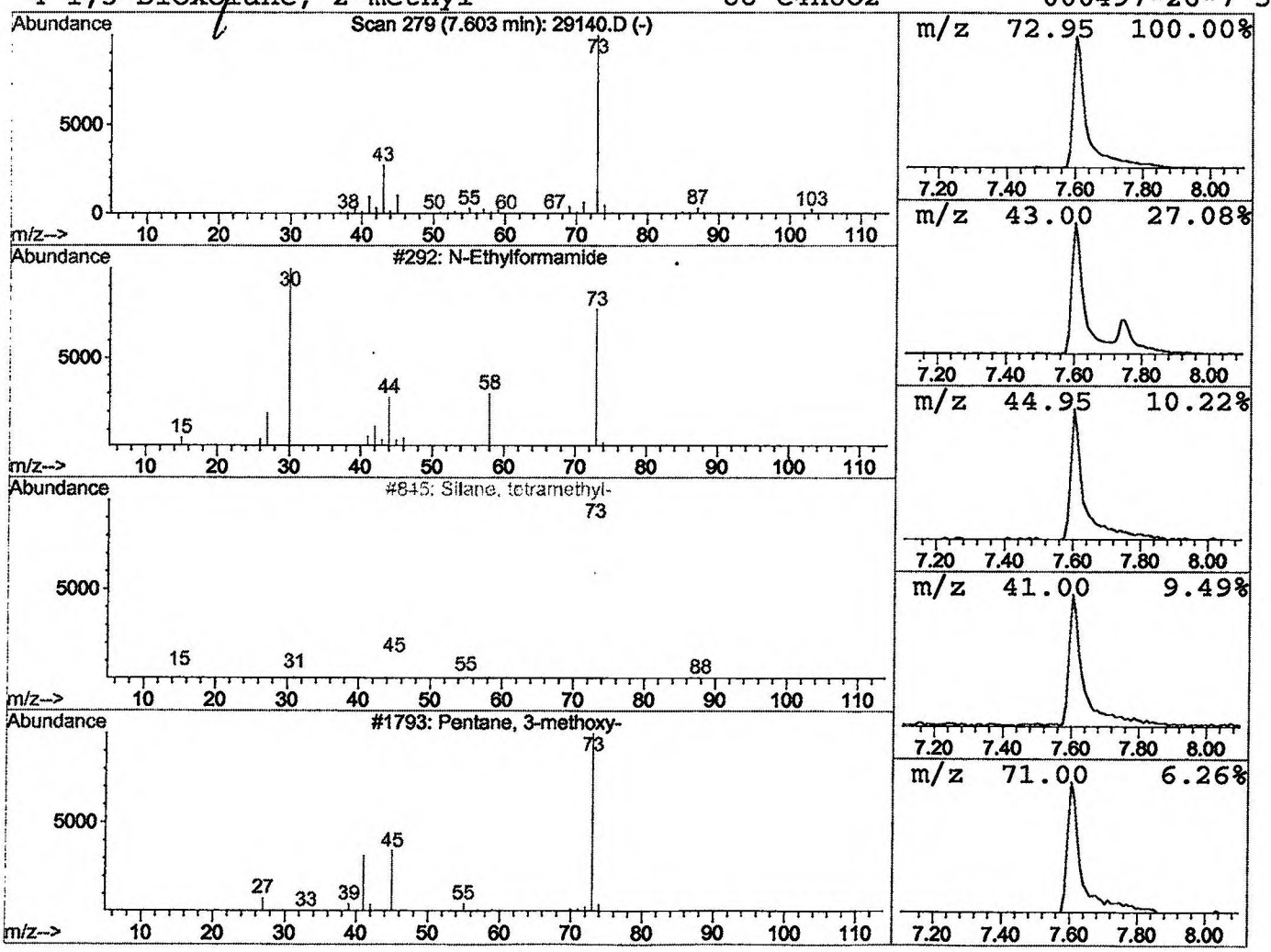
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.84 ug/l	784888	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29140.D
Acq On : 11 Dec 2001 11:46 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

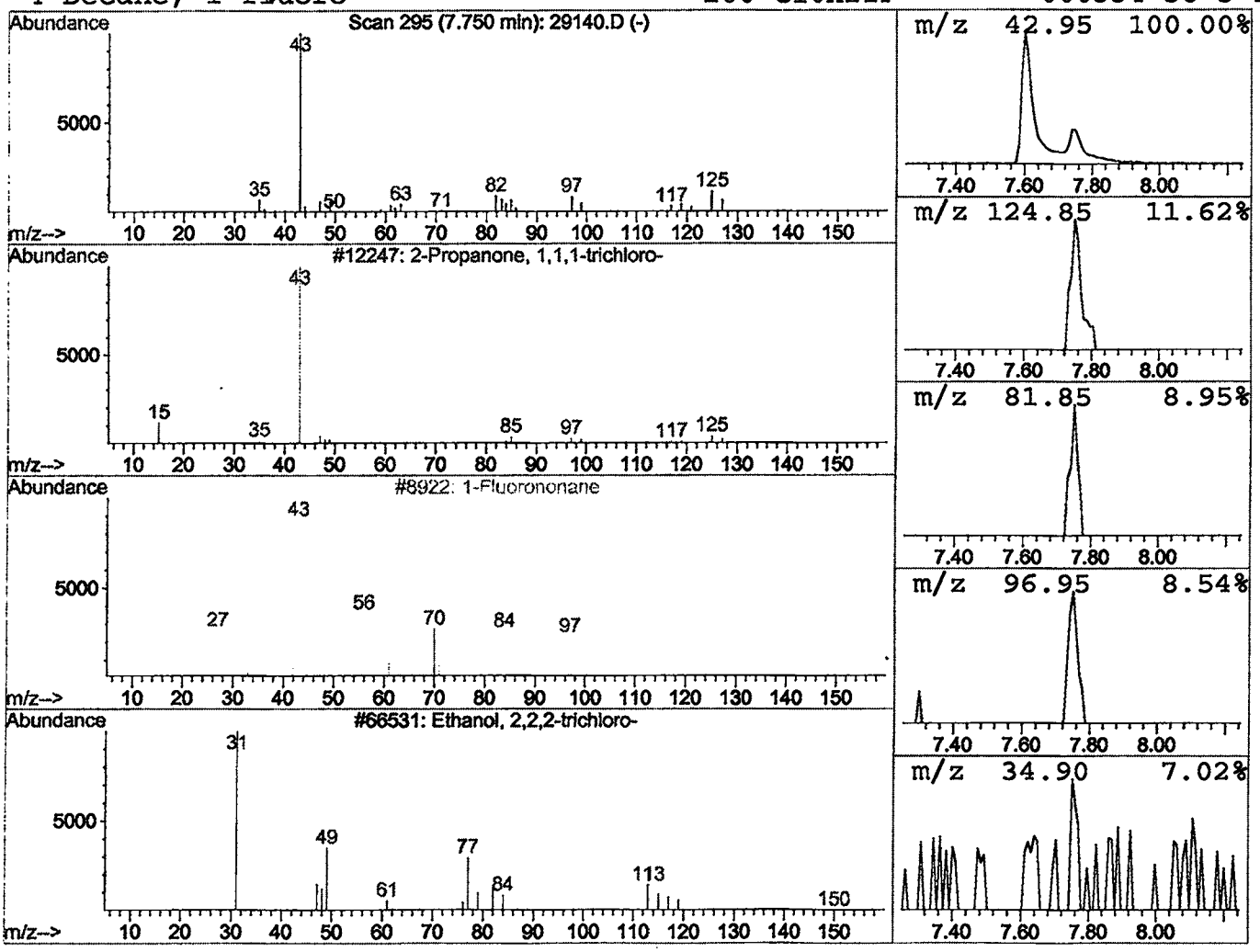
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.47 ug/l	130462	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	64
2	1-Fluorononane	146	C9H19F	000463-18-3	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29140.D
Acq On : 11 Dec 2001 11:46 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

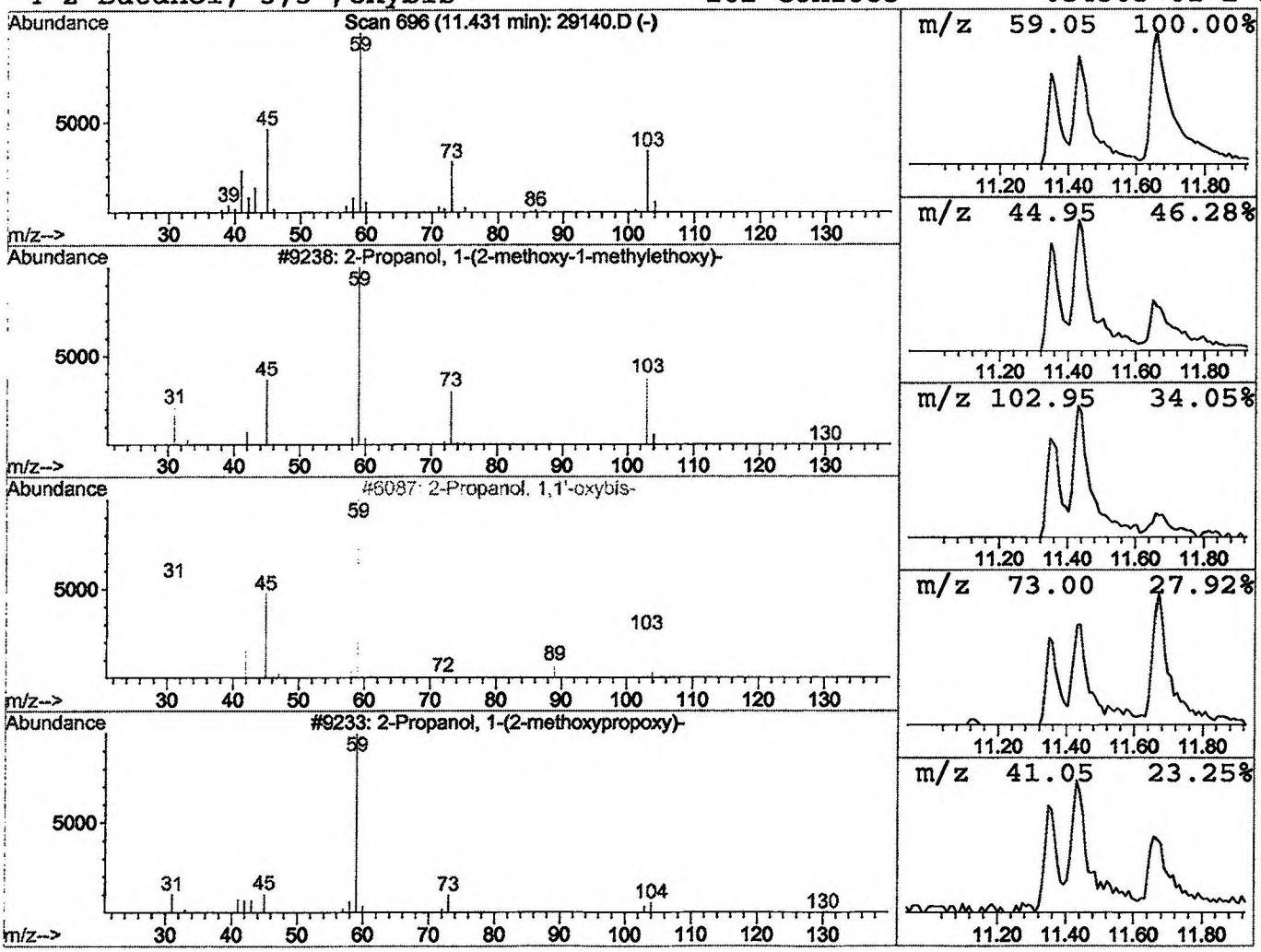
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	0.53 ug/l	146592	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	83
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	47
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	39



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 11:46 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29140.D
Name: gc/ms scan 11/30a
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	784888	ISTD01	11.67	5520860	20.0
2-Propanone, 1,1,1-t	7.75	0.5	ug/l	130462	ISTD01	11.67	5520860	20.0
2-Propanol, 1-(2-met	11.43	0.5	ug/l	146592	ISTD01	11.67	5520860	20.0

29140.D GCMS1126.M Fri Dec 21 15:07:52 2001