Comments for Sample AD28903 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-15-2001 Time: 09:02:35

A GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds, except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.34 ug/L. It is also present in the Laboratory Blank at 0.41 ug/L. Recoveries for 5 of the 43 compounds in the LCS Standard were above their acceptance ranges.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/15/2001 Time: 09:04:03

Sample: AD28903
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/15/01 08:57 Ended: 12/15/01 08:57 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	[illegible]	[illegible]	[illegible]		[illegible]

cau 11/2
12/15

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\28903.D Vial: 9
Acq On : 7 Dec 2001 10:44 pm Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:52 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	850514	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3260335	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1646099	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2368831	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1522586	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1095222	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	150913	5.35	ug/mL	-0.02
Spiked Amount 5.000			Recovery =	107.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.17	74	1198	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	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	15.34	128	1420	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	21.08	165	188	N.D.		
25) Diethylphthalate	22.08	149	1461	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	23.08	77	109	N.D.		

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

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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	1444	N.D.	
34) Anthracene	25.04	178	1444	N.D.	
35) Di-n-butylphthalate	26.99	149	16972	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.49	149	853	N.D.	
41) Benzo(a)anthracene	33.01	228	3820	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.29	149	31442	0.34 ug/l	96
43) Chrysene	33.01	228	3820	N.D.	
45) Di-n-Octylphthalate	35.04	149	285	N.D.	
46) Benzo(b)fluoranthene	36.06	252	259	N.D.	
47) Benzo(k)fluoranthene	36.11	252	439	N.D.	
48) Benzo(a)pyrene	37.10	252	4333	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

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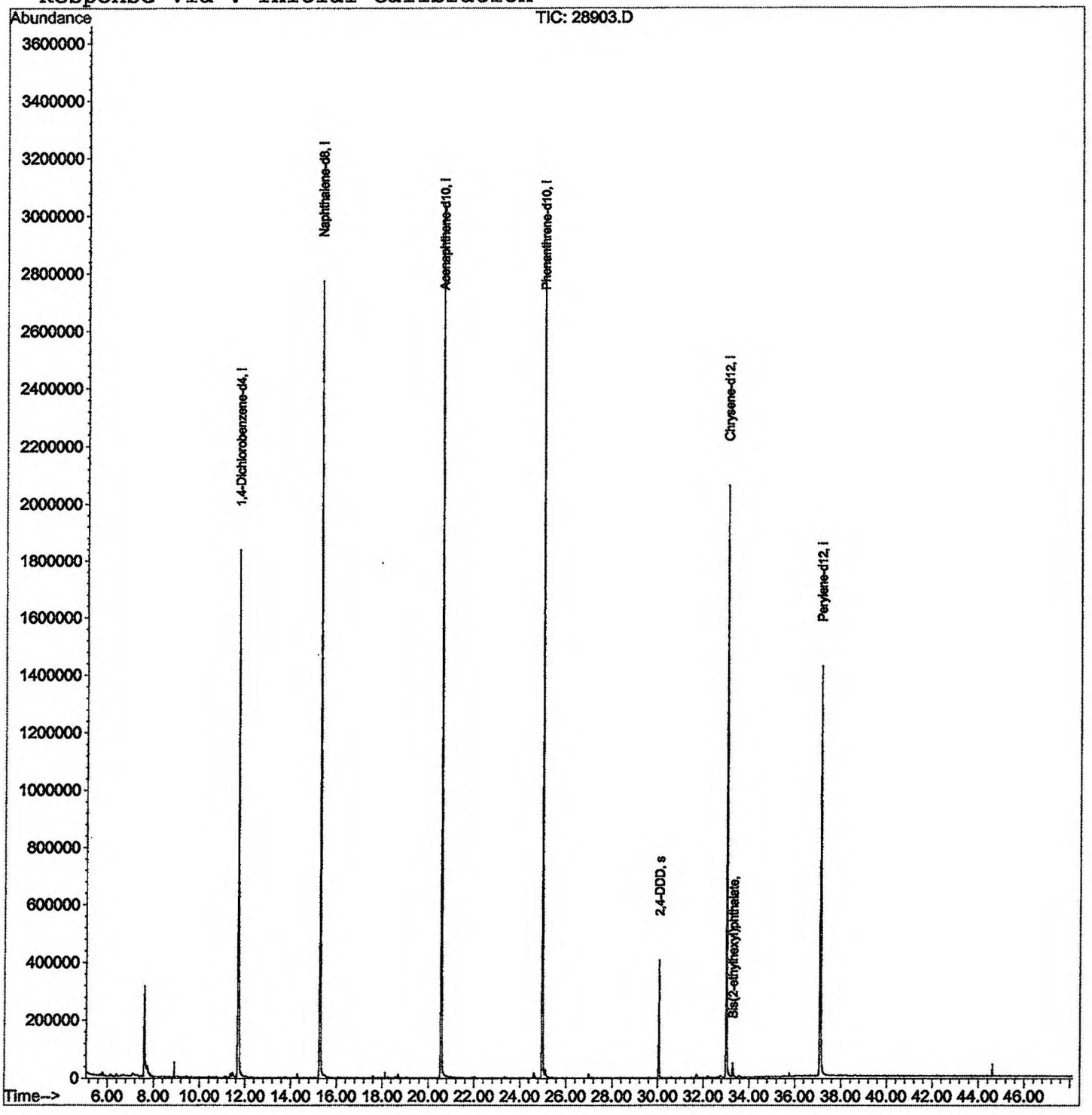
Acq On : 7 Dec 2001 10:44 pm Operator: 209 GALOS
Sample : 11/29 gc/ms scan Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 14:52 2001 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28903.D Vial: 9
Acq On : 7 Dec 2001 10:44 pm Operator: 209 GALOS
Sample : 11/29 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

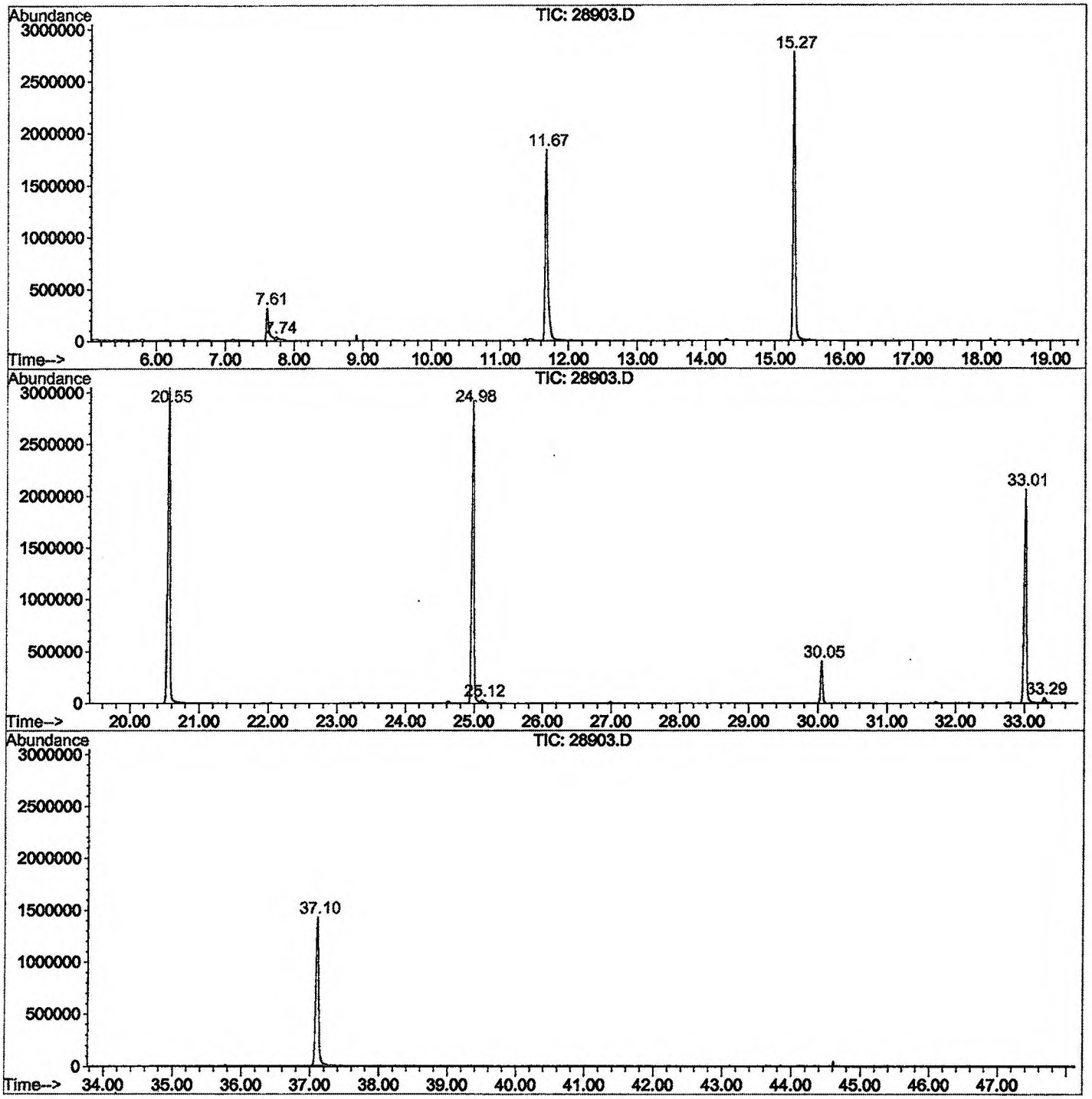
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.607	275	279	291	rBV	312043	802401	11.83%	2.322%
2	7.745	291	294	301	rVB2	25629	74555	1.10%	0.216%
3	11.674	717	722	740	rBV	1834684	4660405	68.74%	13.489%
4	15.273	1109	1114	1132	rBV	2772266	6125219	90.34%	17.729%
5	20.551	1683	1689	1713	rBV	3046620	6779918	100.00%	19.624%
6	24.976	2164	2171	2183	rBV2	2916239	6295951	92.86%	18.223%
7	25.123	2183	2187	2198	rVB	26738	80568	1.19%	0.233%
8	30.053	2718	2724	2732	rBV	406089	819424	12.09%	2.372%
9	33.009	3039	3046	3065	rBV2	2060327	4790785	70.66%	13.867%
10	33.294	3072	3077	3083	rBV	46260	108805	1.60%	0.315%
11	37.104	3484	3492	3510	rBV2	1422446	4011229	59.16%	11.610%

Sum of corrected areas: 34549260

28903.D GCMS1126.M Thu Dec 13 10:18:46 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\28903.D
Operator : 209 GALOS
Acquired : 7 Dec 2001 10:44 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: 11/29 gc/ms scan
Misc Info :
Vial Number: 9
Quant File :GCMS1126.RES (RTE Integrator)



28903.D GCMS1126.M Thu Dec 13 10:18:52 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\28903.D
Acq On : 7 Dec 2001 10:44 pm
Sample : 11/29 gc/ms scan
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

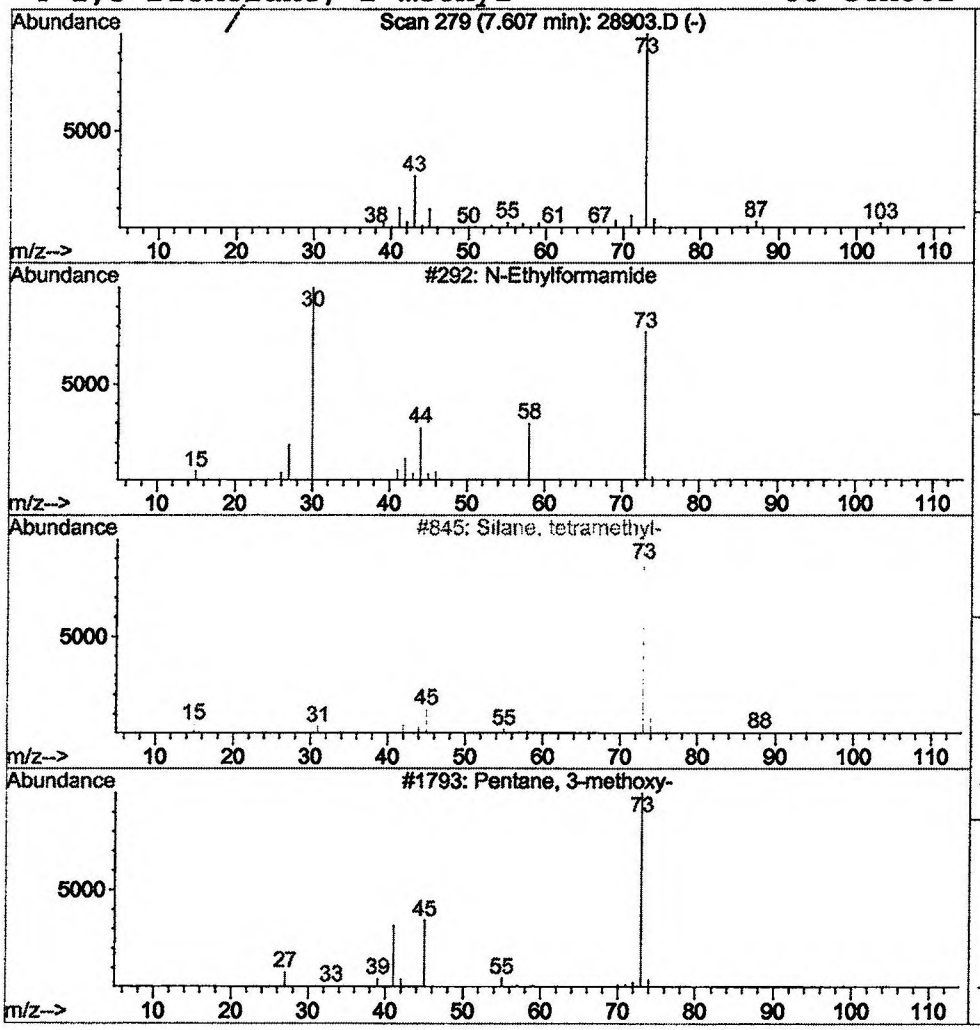
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

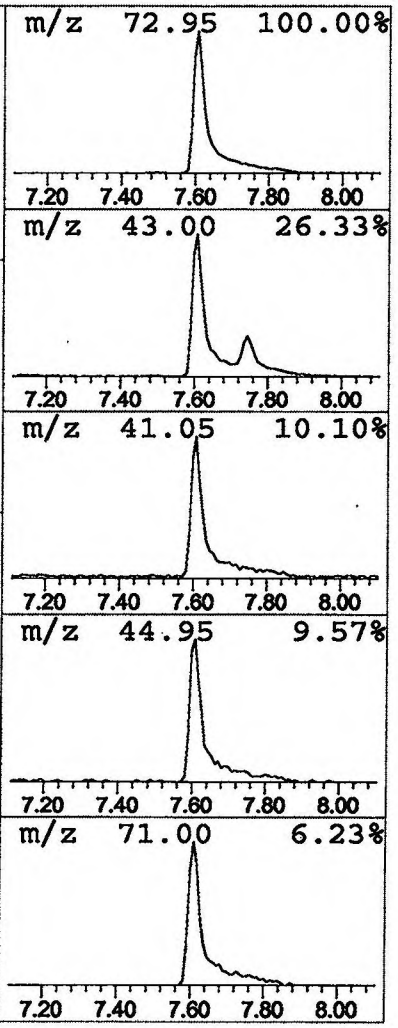
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	3.44 ug/l	802401	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





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 7 Dec 2001 10:44 pm
Data File: C:\HPCHEM\1\DATA\DEC0701\28903.D
Name: 11/29 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	7.61	3.4	ug/l	802401	ISTD01	11.67	4660410	20.0

28903.D GCMS1126.M Thu Dec 13 10:19:02 2001