User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 15:04:08

Sample: AD30114
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 15:03 Ended: 1/9/02 15:03 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		71		5.0

Comments for Sample AD30114 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 15:04:52

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\DEC1901\30114.D Vial: 18
Acq On : 20 Dec 2001 6:03 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:26 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	11.68	152	795327	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3005680	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1486302	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2145193m	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1309338	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	797925	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	109781	3.54	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 70.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.23	74	740	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	15.33	128	979	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	21.13	165	176	N.D.		
25) Diethylphthalate	22.13	149	285	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 : 20 Dec 2001 6:03 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:26 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

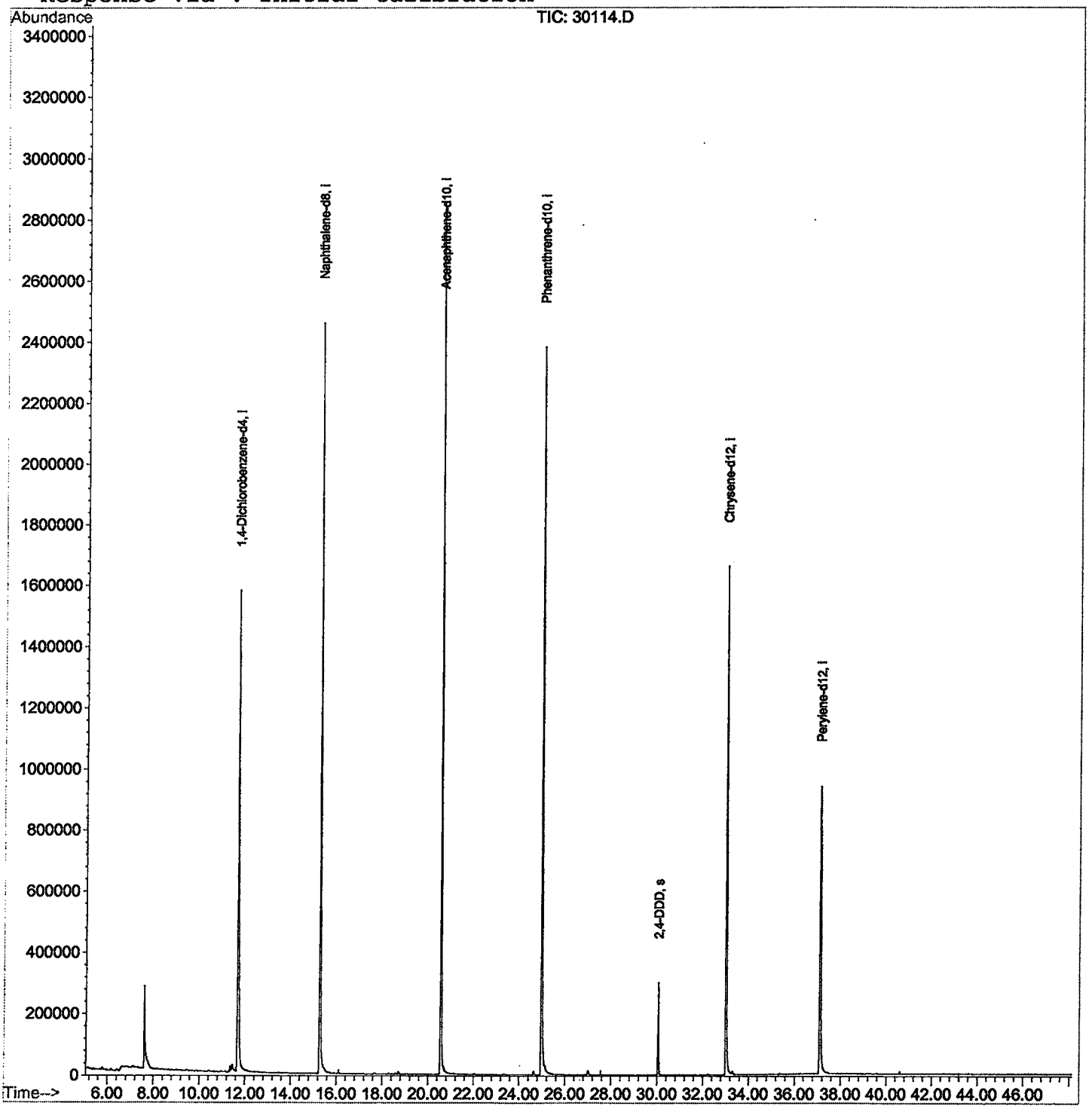
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.04	178	231	N.D.	
34)	Anthracene	25.04	178	231	N.D.	
35)	Di-n-butylphthalate	27.01	149	27847	N.D.	
36)	Fluoranthene	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	33.02	228	3466	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	6607	N.D.	
43)	Chrysene	33.02	228	3466	N.D.	
45)	Di-n-Octylphthalate	35.05	149	506	N.D.	
46)	Benzo(b)fluoranthene	36.14	252	181	N.D.	
47)	Benzo(k)fluoranthene	36.14	252	181	N.D.	
48)	Benzo(a)pyrene	37.11	252	3412	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\DEC1901\30114.D Vial: 18
Acq On : 20 Dec 2001 6:03 pm Operator: 209 GALOS
Sample : gc/ms scan 12/12 a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 31 12:26 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\DEC1901\30114.D
Acq On : 20 Dec 2001 6:03 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

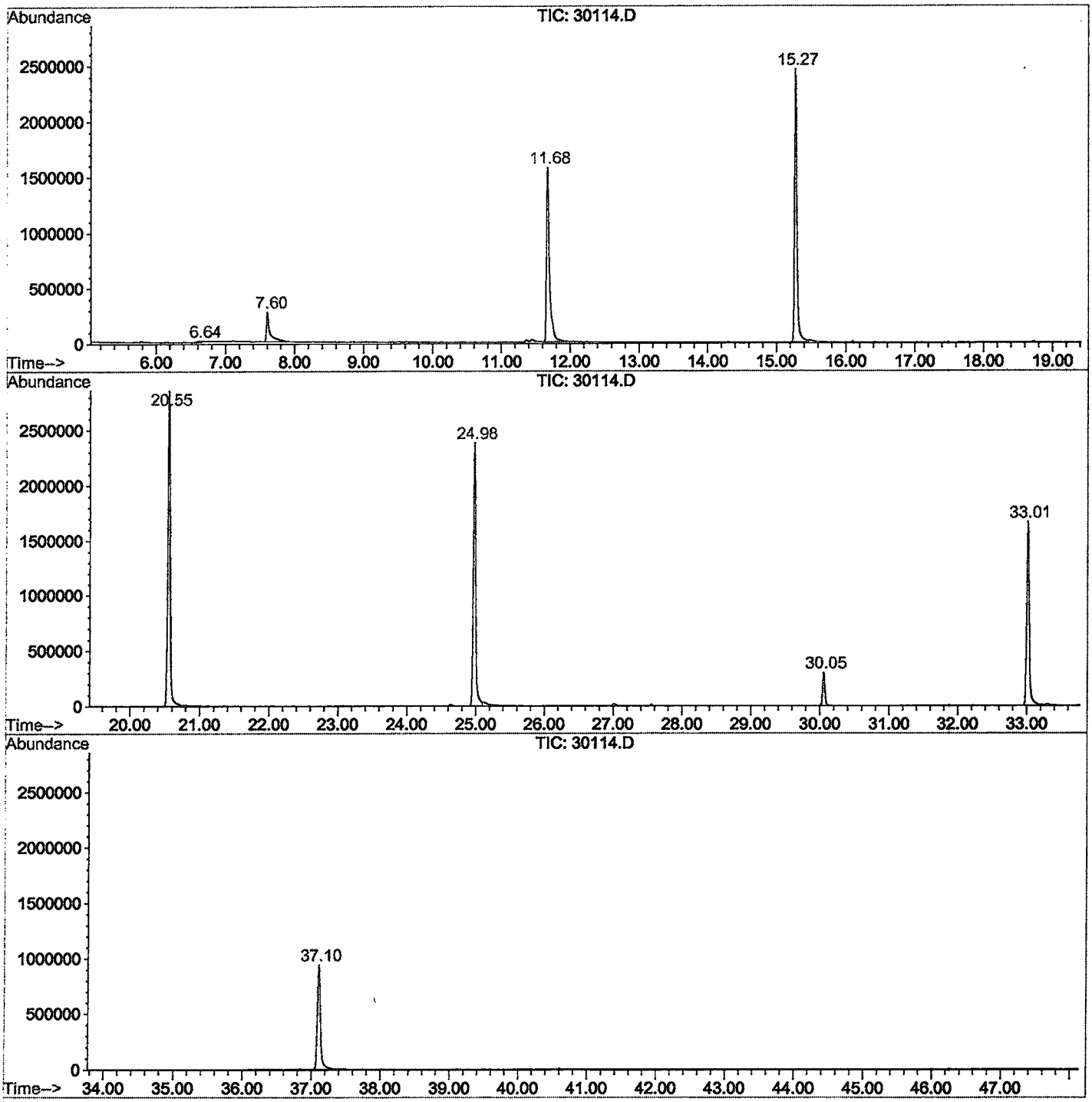
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.645	161	174	175	rBV3	14964	65160	1.04%	0.208%
2	7.599	274	278	309	rBV	268665	928639	14.76%	2.967%
3	11.675	717	722	747	rBV	1569741	4716951	74.98%	15.069%
4	15.274	1109	1114	1135	rBV	2456532	5879364	93.45%	18.782%
5	20.553	1683	1689	1709	rBV	2855383	6291294	100.00%	20.098%
6	24.978	2165	2171	2184	rBV2	2380890	5728114	91.05%	18.299%
7	30.054	2719	2724	2735	rBV	298605	634873	10.09%	2.028%
8	33.011	3040	3046	3068	rBV2	1661552	4135245	65.73%	13.210%
9	37.105	3485	3492	3518	rBV2	938013	2923266	46.47%	9.339%

Sum of corrected areas: 31302906

30114.D GCMS1126.M Wed Jan 02 09:57:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\30114.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 6:03 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/12 a
Misc Info :
Vial Number: 18
Quant File :GCMS1126.RES (RTE Integrator)



30114.D GCMS1126.M Wed Jan 02 09:58:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\30114.D
Acq On : 20 Dec 2001 6:03 pm
Sample : gc/ms scan 12/12 a
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

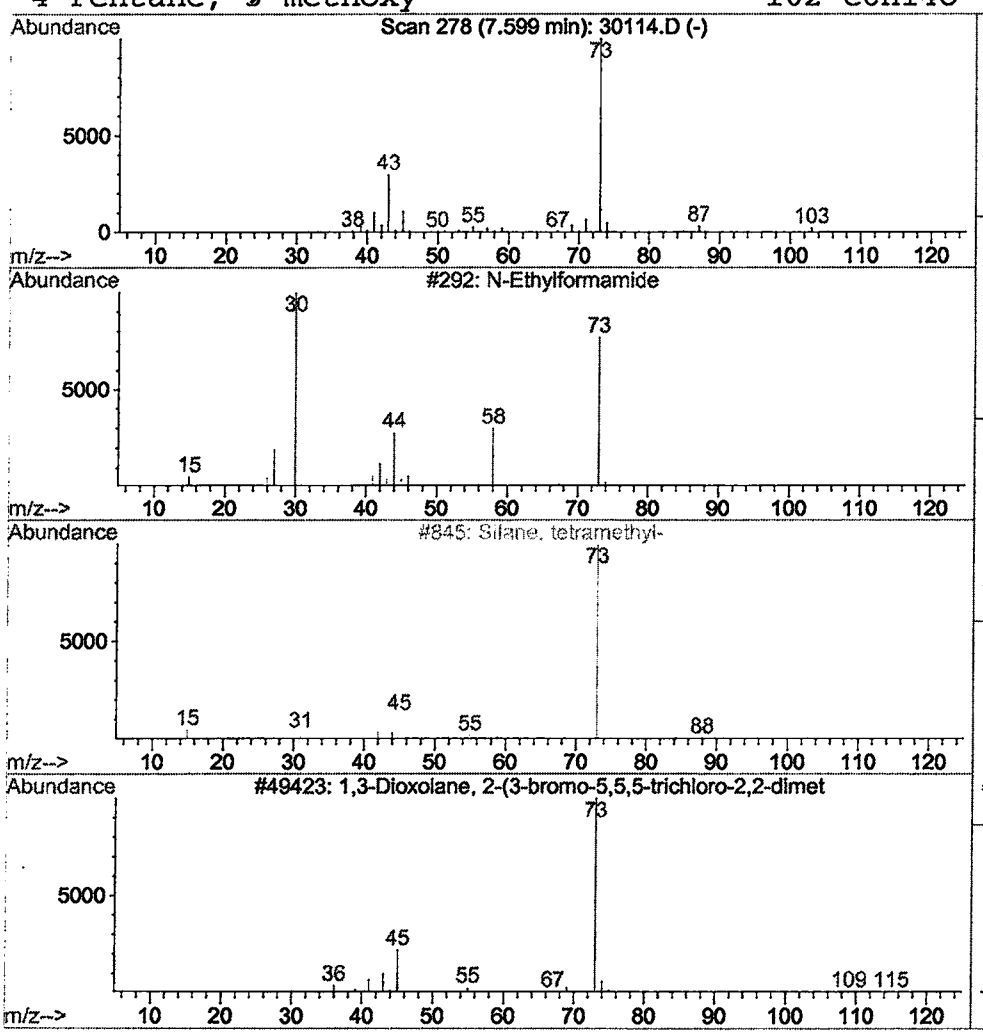
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

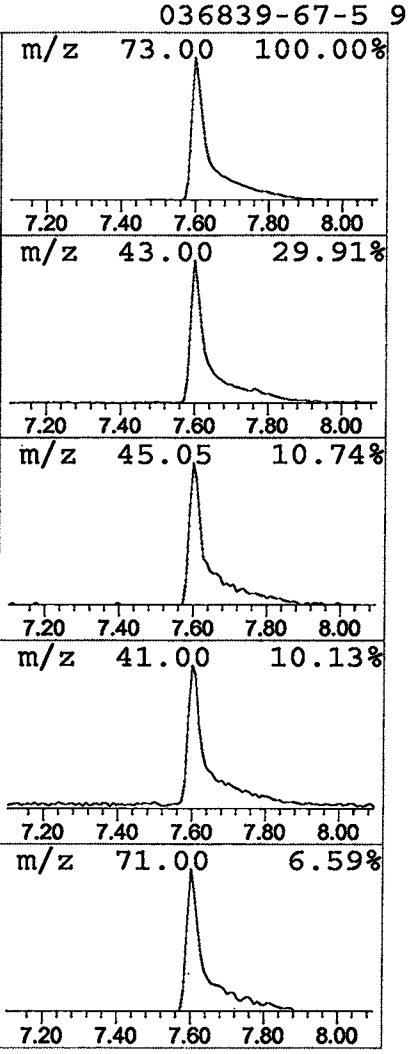
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.94 ug/l	928639	1,4-Dichlorobenzene-d4	11.68

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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 6:03 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\30114.D
Name: gc/ms scan 12/12 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	7.60	3.9	ug/l	928639	ISTD01	11.68	4716950	20.0

30114.D GCMS1126.M Wed Jan 02 09:58:27 2002