User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/01/2002 Time: 12:09:25

Sample: AE04127
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/1/02 12:08 Ended: 4/1/02 12:08 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		91		5.0

Comments for Sample AE04127 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-01-2002 Time: 12:09:32

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for compounds in the LCS Standard were high. New recovery limits will be calculated.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2202\4127.D Vial: 23
Acq On : 23 Mar 2002 5:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:47 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.27	152	426352	20.00	ug/l	-0.09
10) Naphthalene-d8	15.90	136	1661358	20.00	ug/l	-0.10
17) Acenaphthene-d10	21.22	164	902162	20.00	ug/l	-0.10
29) Phenanthrene-d10	25.66	188	1353448	20.00	ug/l	-0.11
38) Chrysene-d12	33.72	240	854179	20.00	ug/l	-0.12
44) Perylene-d12	37.97	264	502418	20.00	ug/l	-0.15
System Monitoring Compounds						
37) 2,4-DDD	30.74	235	83898	~~7.57~~ 4.54	ug/mL	0.24
Spiked Amount 5.000			Recovery =	~~151.40%~~ 91%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.59	74	101	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	15.96	128	504	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.69	149	792	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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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

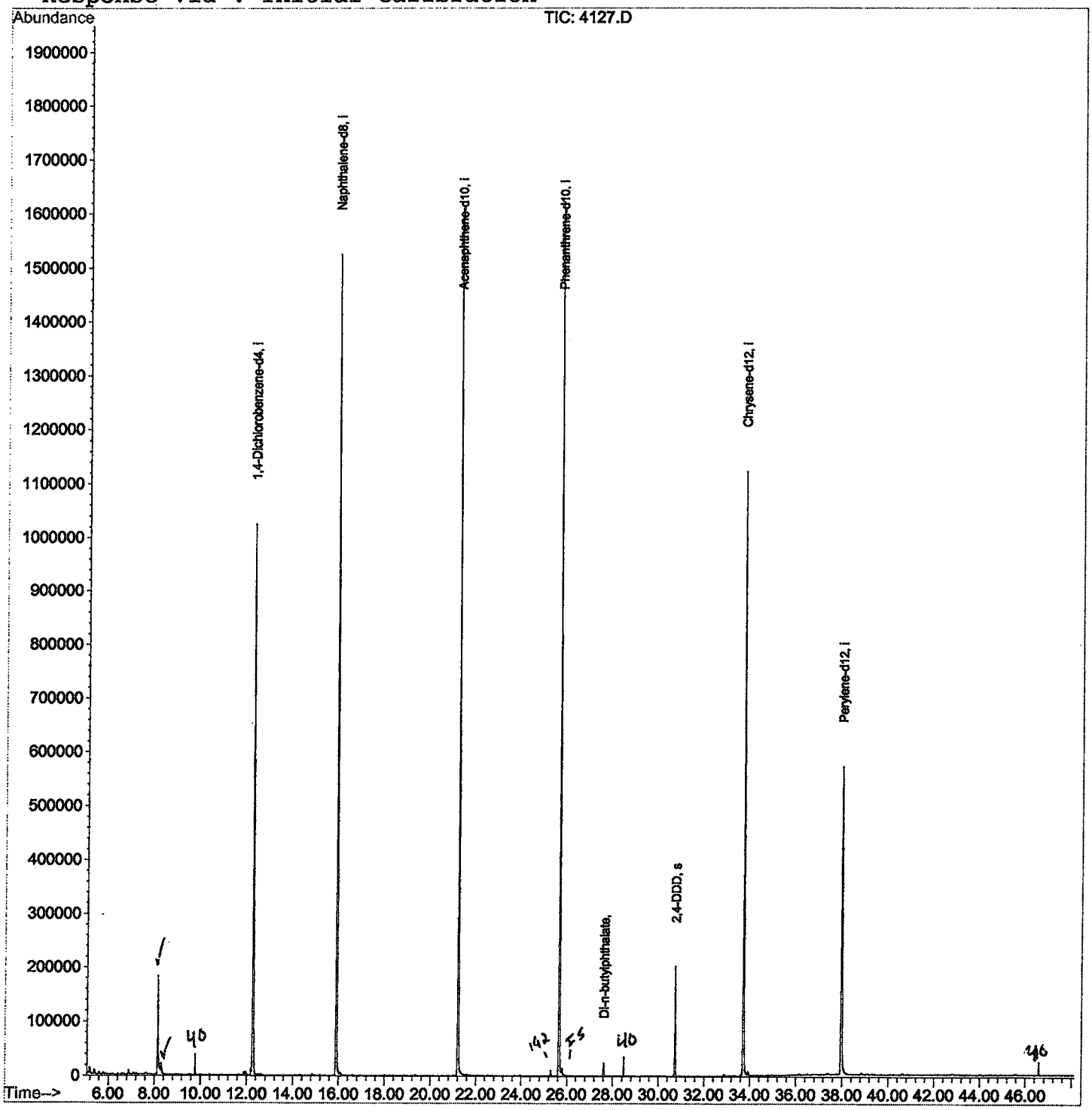
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.71	178	109	N.D.	
34)	Anthracene	25.66	178	261	N.D.	
35)	Di-n-butylphthalate	27.62	149	28589	0.39 ug/l	98
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.16	149	382	N.D.	
41)	Benzo(a)anthracene	33.72	228	1930	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.93	149	4778	N.D.	
43)	Chrysene	33.72	228	1930	N.D.	
45)	Di-n-Octylphthalate	35.67	149	1331	N.D.	
46)	Benzo(b)fluoranthene	36.78	252	645	N.D.	
47)	Benzo(k)fluoranthene	36.85	252	663	N.D.	
48)	Benzo(a)pyrene	37.77	252	376	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\MAR2202\4127.D Vial: 23
Acq On : 23 Mar 2002 5:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 27 9:47 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Mar 26 14:13:06 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4127.D Vial: 23
Acq On : 23 Mar 2002 5:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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

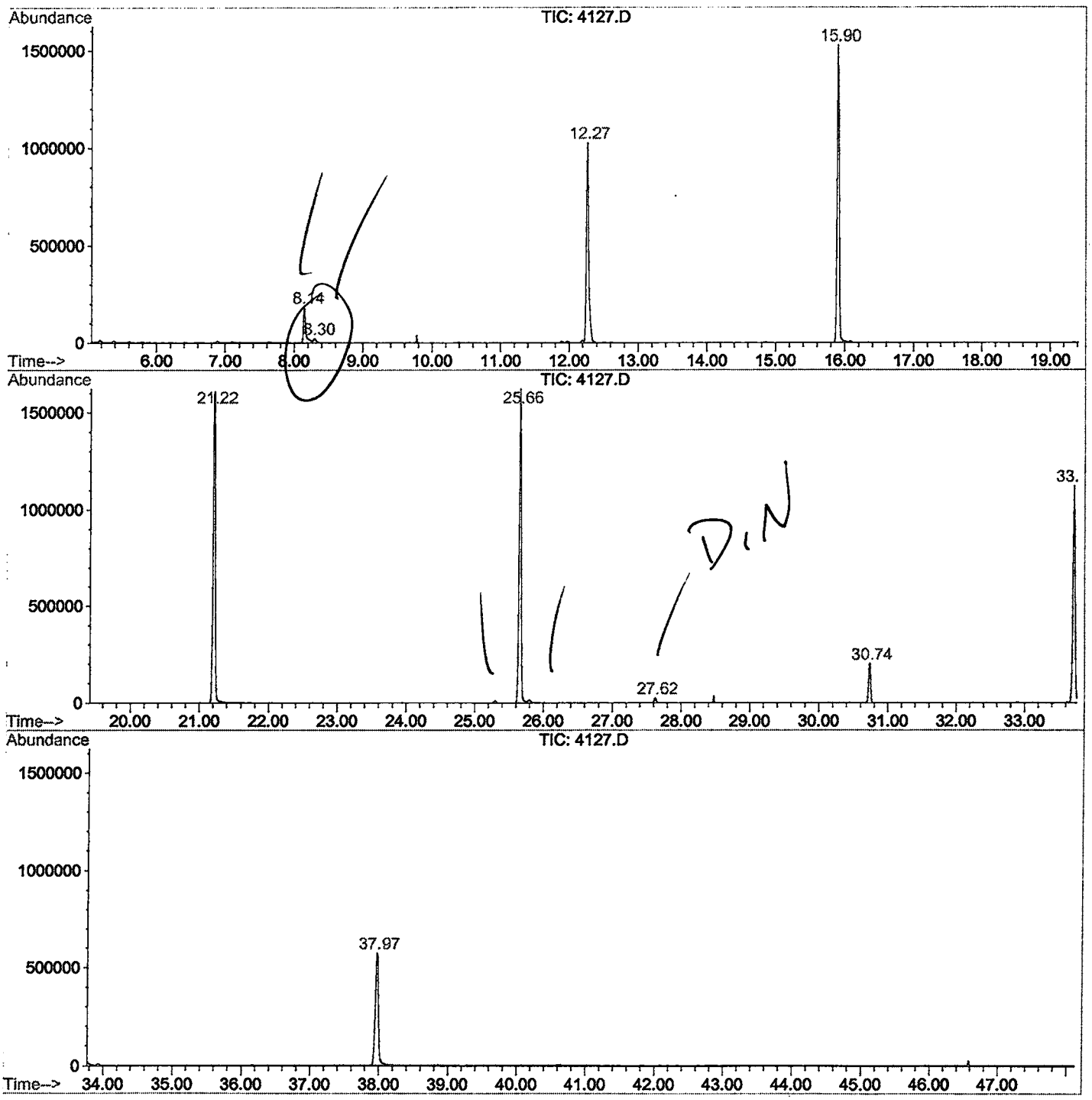
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.143	333	337	350	rBV	182214	431656	12.51%	2.467%
2	8.299	350	354	364	rVB	21057	59439	1.72%	0.340%
3	12.265	781	786	806	rVB	1024512	2334496	67.65%	13.344%
4	15.901	1176	1182	1199	rBV	1524856	3138556	90.95%	17.940%
5	21.216	1754	1761	1770	rBV	1608818	3451016	100.00%	19.726%
6	25.659	2238	2245	2255	rBV	1621963	3394562	98.36%	19.404%
7	27.624	2454	2459	2467	rVB	24660	48009	1.39%	0.274%
8	30.736	2791	2798	2804	rBV	202179	420001	12.17%	2.401%
9	33.719	3116	3123	3135	rBV2	1121938	2468798	71.54%	14.112%
10	37.970	3578	3586	3606	rBV2	569946	1747994	50.65%	9.992%

Sum of corrected areas: 17494527

4127.D GCMS0308.M Wed Mar 27 10:02:58 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2202\4127.D
Operator :
Acquired : 23 Mar 2002 5:45 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/25
Misc Info :
Vial Number: 23
Quant File :GCMS0308.RES (RTE Integrator)



4127.D GCMS0308.M Wed Mar 27 10:03:04 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4127.D Vial: 23
Acq On : 23 Mar 2002 5:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

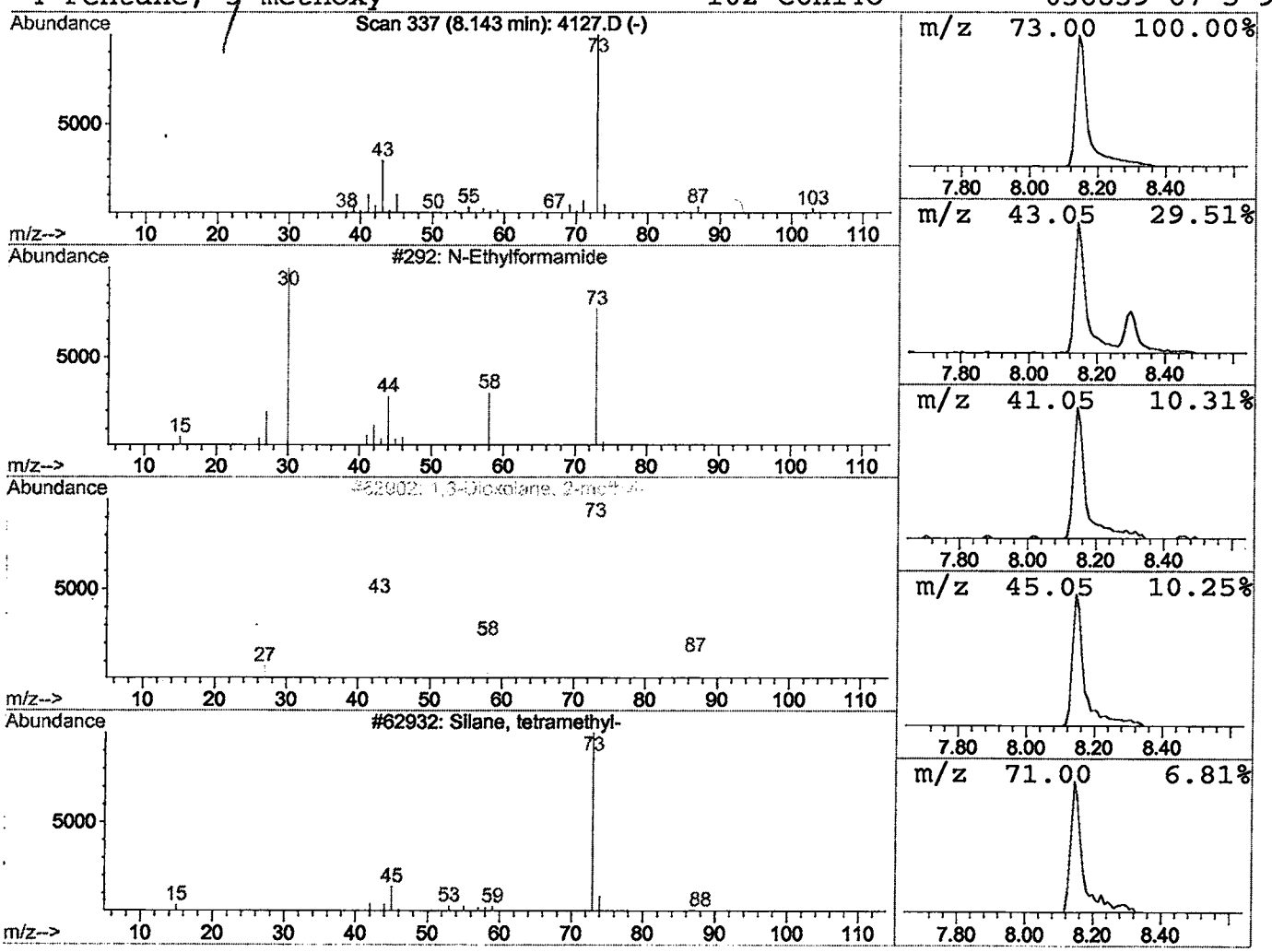
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.70 ug/l	431656	1,4-Dichlorobenzene-d4	12.27

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	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2202\4127.D Vial: 23
Acq On : 23 Mar 2002 5:45 pm Operator:
Sample : gc/ms scan 2/25 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

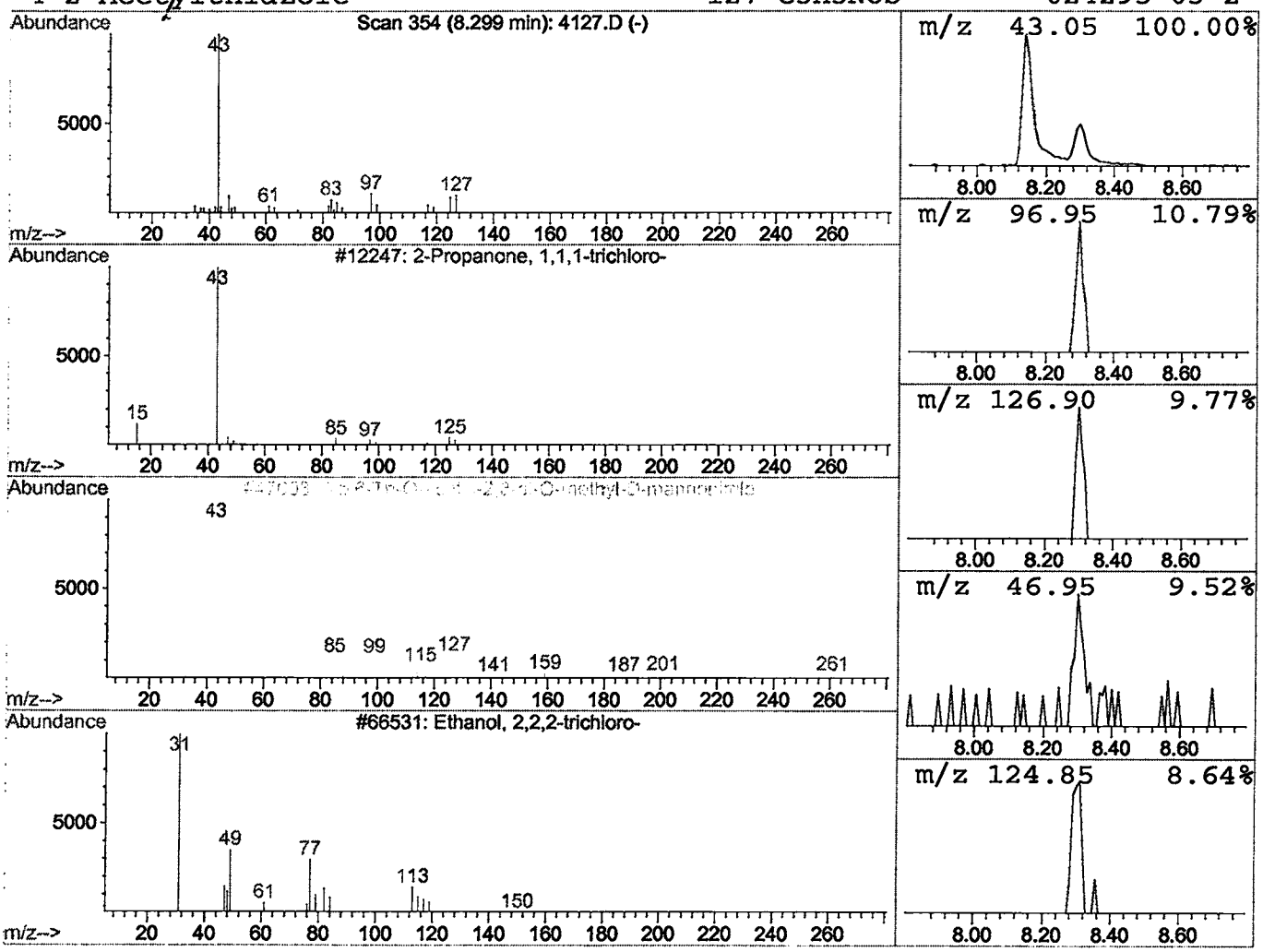
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	0.51 ug/l	59439	1,4-Dichlorobenzene-d4	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	4,5,6-Tri-O-acetyl-2,3-di-O-methyl-	331	C14H21NO8	059061-07-3	4
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	4
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	4



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Mar 2002 5:45 pm
Data File: C:\HPCHEM\1\DATA\MAR2202\4127.D
Name: gc/ms scan 2/25
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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	8.14	3.7	ug/l	431656	ISTD01	12.27	2334500	20.0
2-Propanone, 1,1,1-t	8.30	0.5	ug/l	59439	ISTD01	12.27	2334500	20.0

4127.D GCMS0308.M Wed Mar 27 10:03:17 2002