User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/09/2002 Time: 15:57:08

Sample: AE05516
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/9/02 15:56 Ended: 4/9/02 15:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		107		5.0

Comments for Sample AE05516 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-09-2002 Time: 15:57:12

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\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 19:00 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	569286	20.00	ug/l	-0.11
10) Naphthalene-d8	15.89	136	2103871	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.20	164	1180401	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.64	188	1673762	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	852784	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	473845	20.00	ug/l	-0.18
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	89791	5.35	ug/mL	0.21
Spiked Amount 5.000			Recovery = 107.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.49	74	778	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	15.93	128	317	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	22.67	149	546	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\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 19:00 2002 Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0308

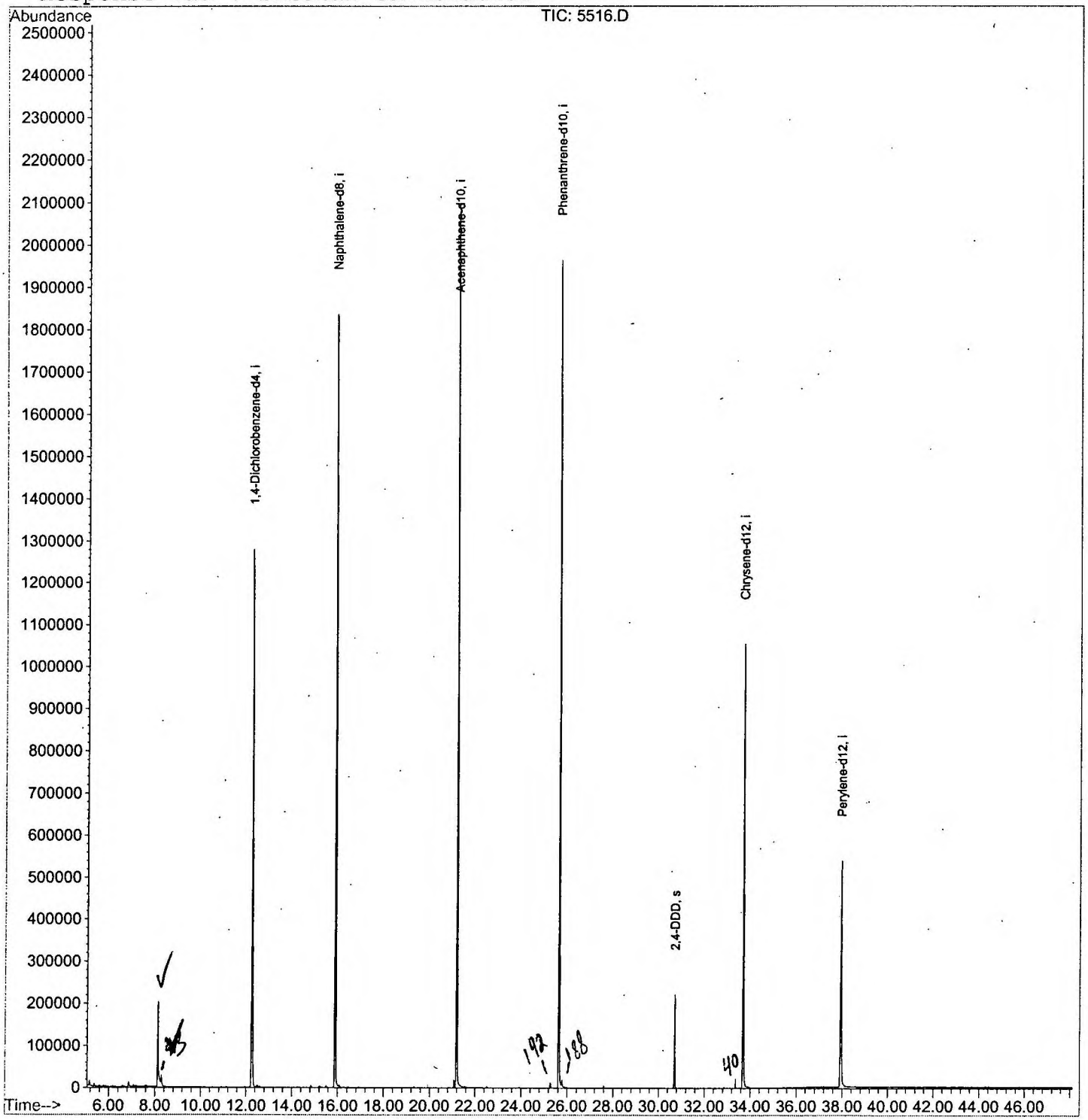
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.64	178	541	N.D.	
34)	Anthracene	25.64	178	541	N.D.	
35)	Di-n-butylphthalate	27.60	149	7234	N.D.	
36)	Fluoranthene	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	33.70	228	2144	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.90	149	1538	N.D.	
43)	Chrysene	33.76	228	428	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.76	252	480	N.D.	
47)	Benzo(k)fluoranthene	36.84	252	652	N.D.	
48)	Benzo(a)pyrene	37.94	252	1933	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\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 1 19:00 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 04 09:06:35 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0403.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

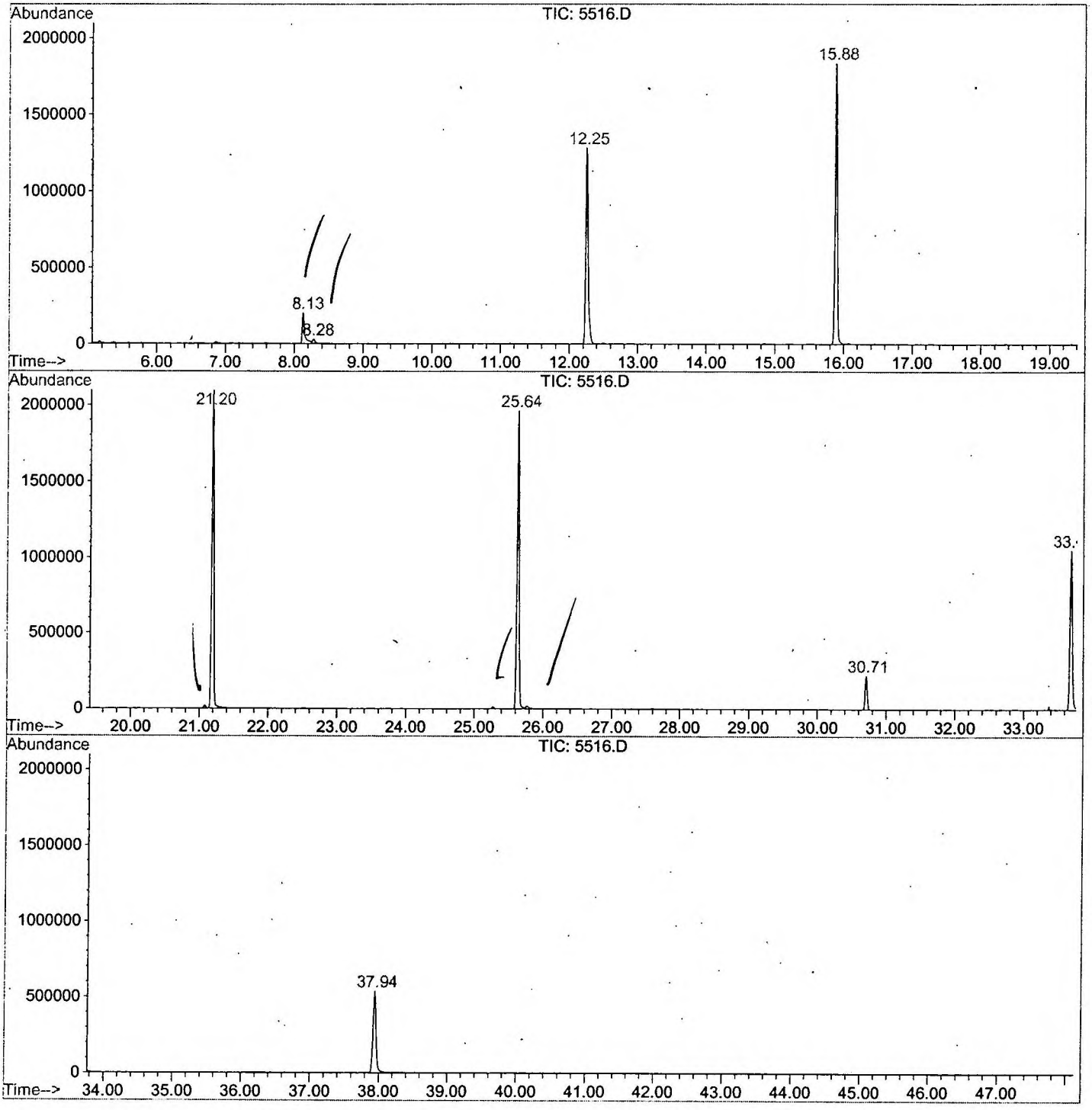
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.133	331	336	349	rBV	201671	512289	11.37%	2.453%
2	8.280	349	352	363	rVB2	26640	70691	1.57%	0.339%
3	12.246	779	784	800	rVB	1278700	3069211	68.12%	14.698%
4	15.881	1174	1180	1197	rBV	1835682	3981112	88.36%	19.065%
5	21.197	1752	1759	1771	rBV	2097596	4505338	100.00%	21.575%
6	25.640	2236	2243	2254	rBV	1963973	4226219	93.80%	20.239%
7	30.707	2790	2795	2801	rBV	221612	443074	9.83%	2.122%
8	33.691	3113	3120	3139	rBV2	1054364	2467037	54.76%	11.814%
9	37.942	3574	3583	3604	rBV2	536567	1606985	35.67%	7.696%

Sum of corrected areas: 20881956

5516.D GCMS0403.M Thu Apr 04 13:54:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5516.D
Operator :
Acquired : 1 Apr 2002 6:11 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/11
Misc Info :
Vial Number: 7
Quant File :GCMS0308.RES (RTE Integrator)



5516.D GCMS0403.M Thu Apr 04 13:54:06 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

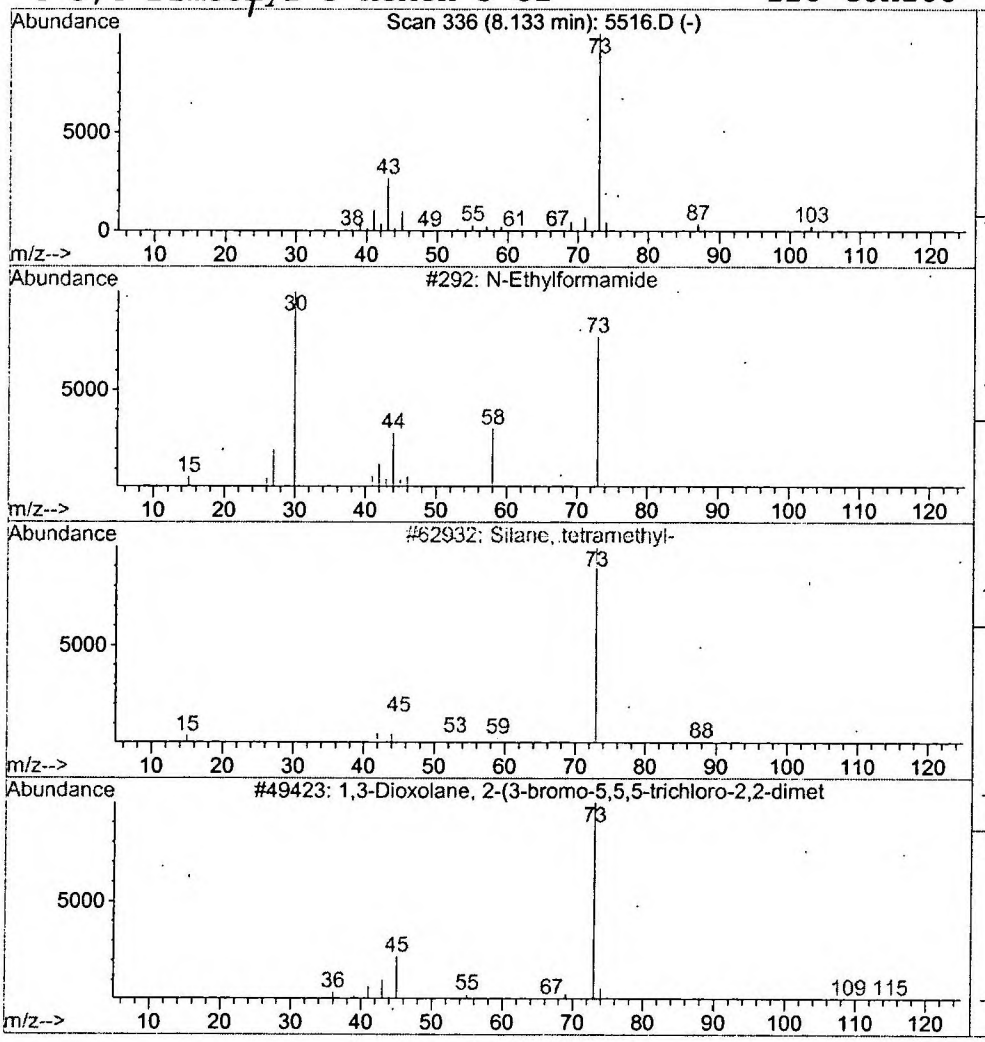
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

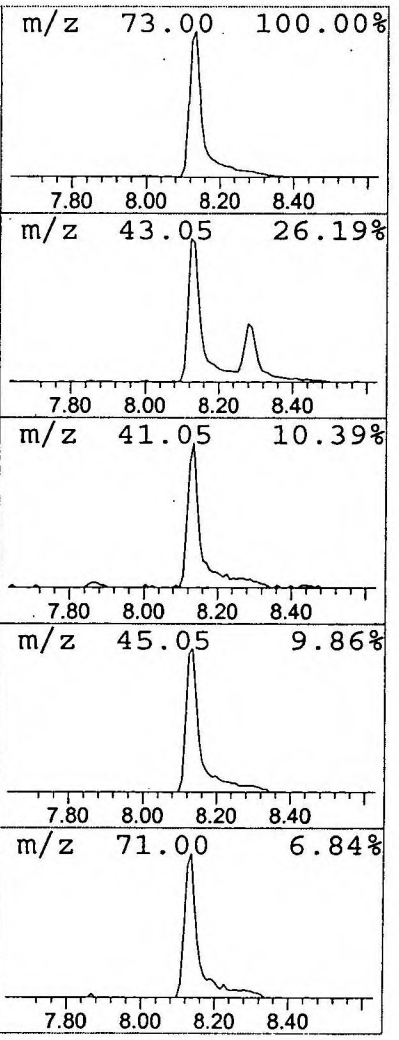
****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	3.34 ug/l	512289	1,4-Dichlorobenzene-d4	12.25

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	3,4-Dimethyl-5-hexen-3-ol	128	C8H16O	000000-00-0	4





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5516.D Vial: 7
Acq On : 1 Apr 2002 6:11 pm Operator:
Sample : gc/ms scan 3/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

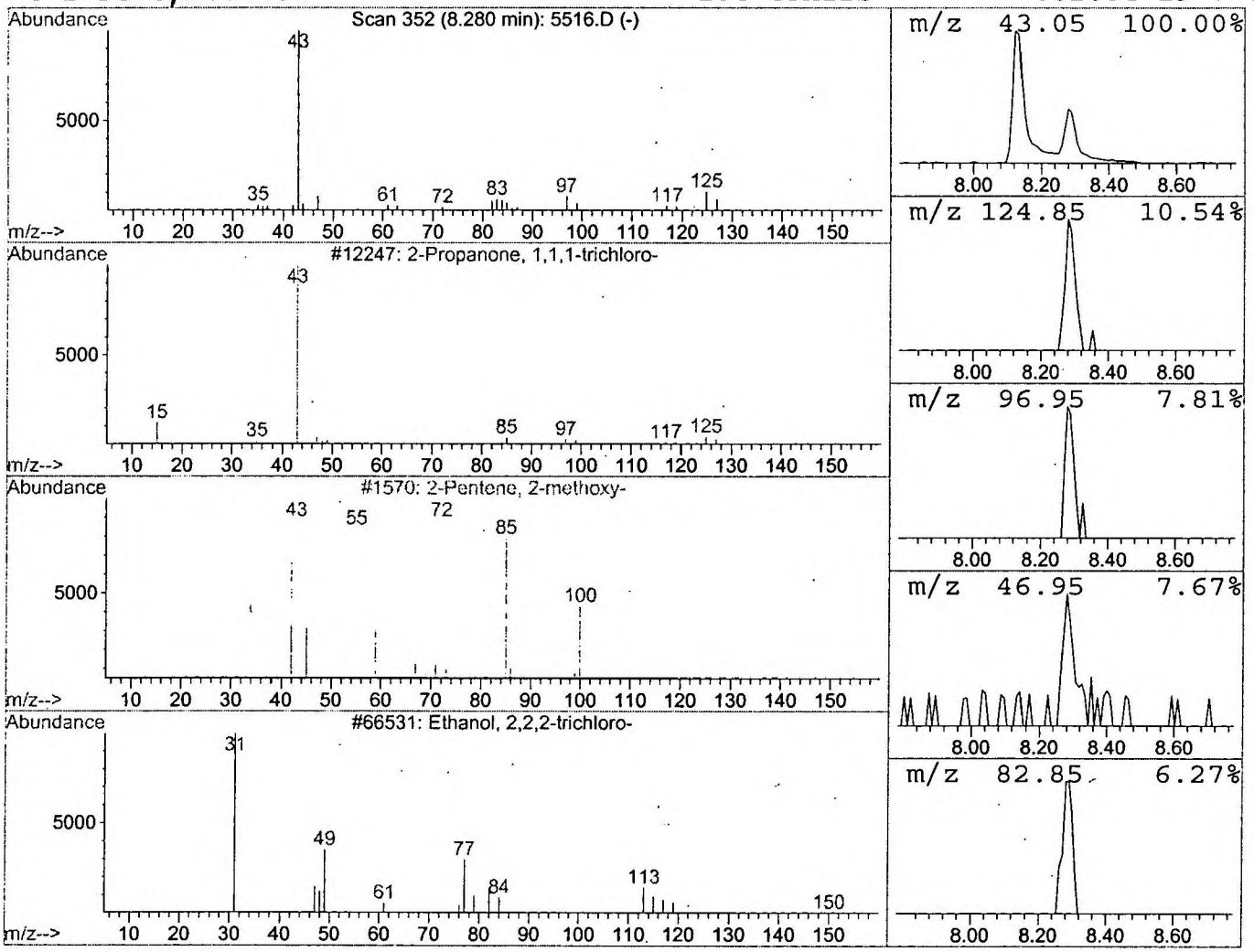
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.46 ug/l	70691	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	38
2	2-Pentene, 2-methoxy-	100	C6H12O	061142-47-0	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	2-Pentanethiol	104	C5H12S	002084-19-7	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 Apr 2002 6:11 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5516.D
Name: gc/ms scan 3/11
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	8.13	3.3	ug/l	512289	ISTD01	12.25	3069210	20.0
2-Propanone, 1,1,1-t	8.28	0.5	ug/l	70691	ISTD01	12.25	3069210	20.0

5516.D GCMS0403.M Thu Apr 04 13:54:19 2002