User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/11/2002 Time: 08:33:05

Sample: AE05743
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/11/02 08:32 Ended: 4/11/02 08:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		104		5.0

Comments for Sample AE05743 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-11-2002 Time: 08:33:34

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

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 22:49 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	563945	20.00	ug/l	-0.10
10) Naphthalene-d8	15.88	136	2102173	20.00	ug/l	-0.11
17) Acenaphthene-d10	21.19	164	1188813	20.00	ug/l	-0.12
29) Phenanthrene-d10	25.63	188	1673146	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	844605	20.00	ug/l	-0.15
44) Perylene-d12	37.94	264	473241	20.00	ug/l	-0.19
System Monitoring Compounds						
37) 2,4-DDD	30.71	235	87256	5.20	ug/mL	0.21
Spiked Amount 5.000			Recovery = 104.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	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	15.94	128	475	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	21.45	165	190	N.D.		
25) Diethylphthalate	22.66	149	1727	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

NYC-WTC_000059528

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 22:49 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	413	N.D.	
34)	Anthracene	25.64	178	413	N.D.	
35)	Di-n-butylphthalate	27.60	149	25811	0.28 ug/l	100
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.12	149	403	N.D.	
41)	Benzo(a)anthracene	33.69	228	1894	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.91	149	7676	N.D.	
43)	Chrysene	33.76	228	125	N.D.	
45)	Di-n-Octylphthalate	35.65	149	982	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	1133	N.D.	
47)	Benzo(k)fluoranthene	36.81	252	1817	N.D.	
48)	Benzo(a)pyrene	37.73	252	1140	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

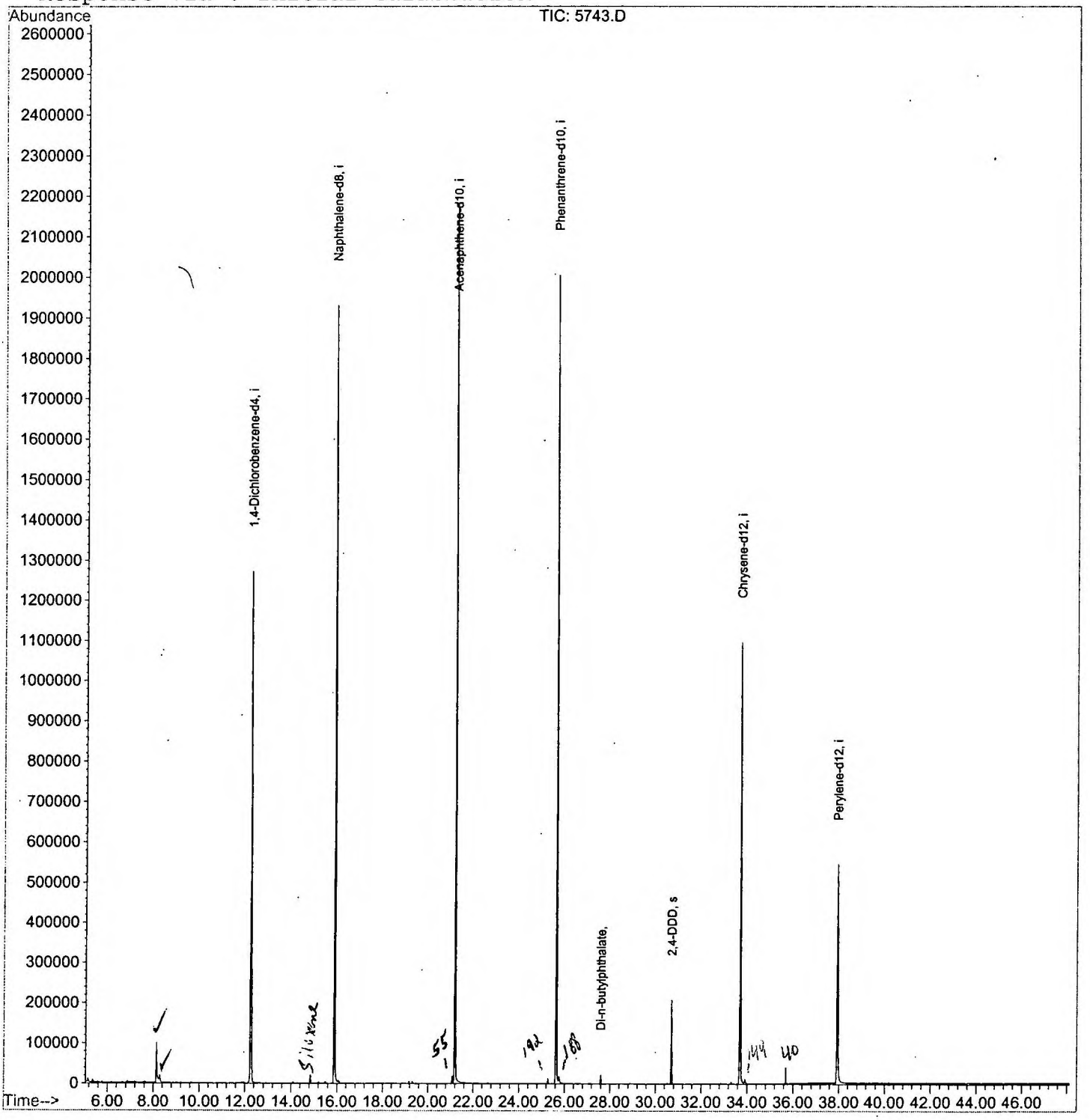
NYC-WTC_000059529

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 2 22:49 2002 Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0403.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Apr 05 08:33:02 2002
Response via : Initial Calibration



NYC-WTC_000059530

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 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	8.127	332	336	348	rBV	99423	264549	5.84%	1.283%
2	8.283	350	353	366	rVB2	19235	49329	1.09%	0.239%
3	12.249	779	785	799	rVB	1270359	3051559	67.35%	14.800%
4	15.885	1175	1181	1196	rBV	1930223	3974187	87.72%	19.275%
5	21.191	1752	1759	1772	rBV	2183637	4530664	100.00%	21.974%
6	25.634	2236	2243	2254	rBV2	2005867	4213044	92.99%	20.434%
7	30.702	2790	2795	2801	rBV	208018	425028	9.38%	2.061%
8	33.694	3114	3121	3135	rBV2	1096860	2488230	54.92%	12.068%
9	37.936	3575	3583	3601	rBV2	542799	1621518	35.79%	7.865%

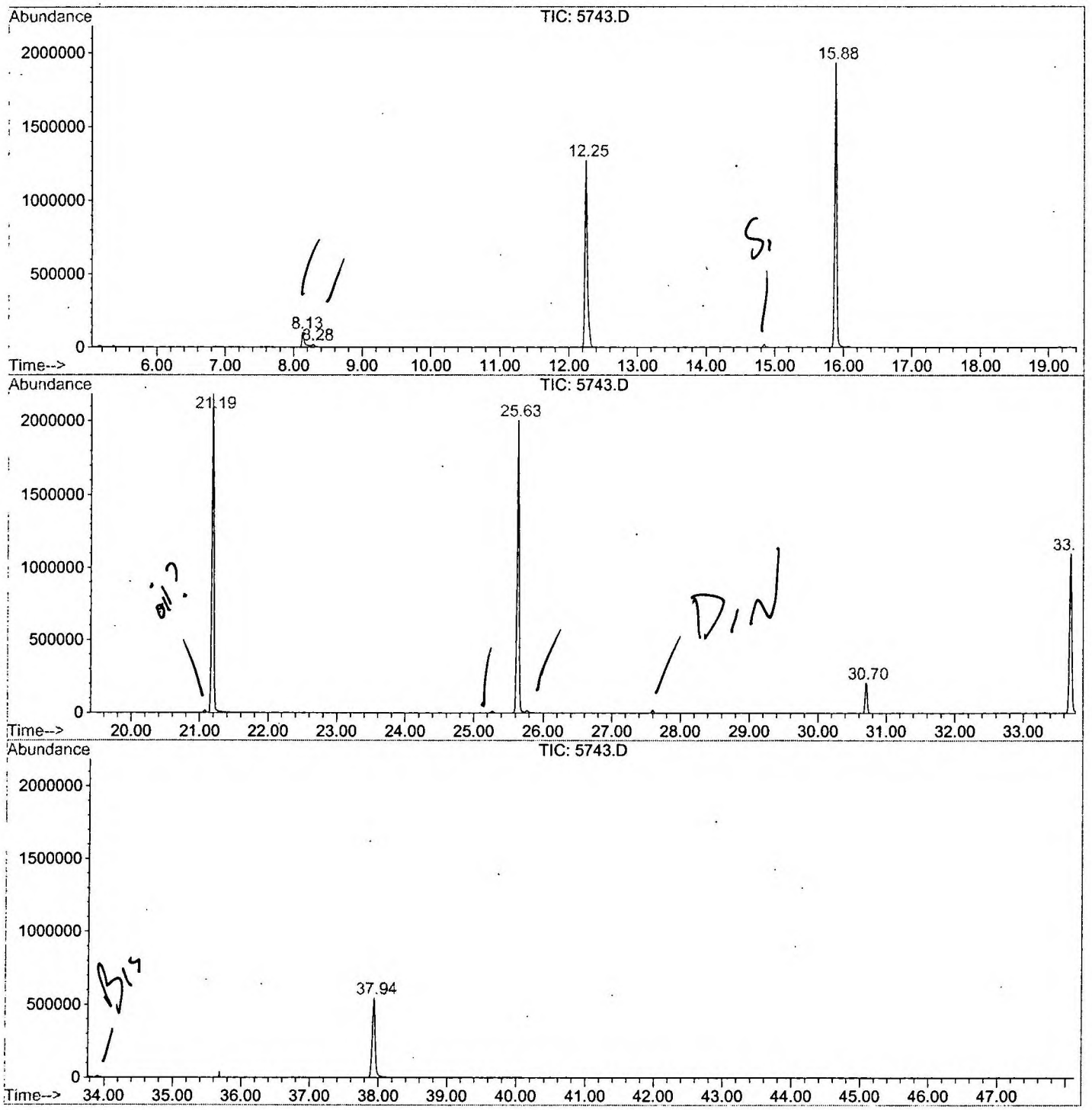
Sum of corrected areas: 20618108

5743.D GCMS0403.M Fri Apr 05 10:36:06 2002

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0102\5743.D
Operator :
Acquired : 2 Apr 2002 10:00 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/12
Misc Info :
Vial Number: 22
Quant File :GCMS0308.RES (RTE Integrator)



5743.D GCMS0403.M Fri Apr 05 10:36:11 2002

NYC-WTC_000059532

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

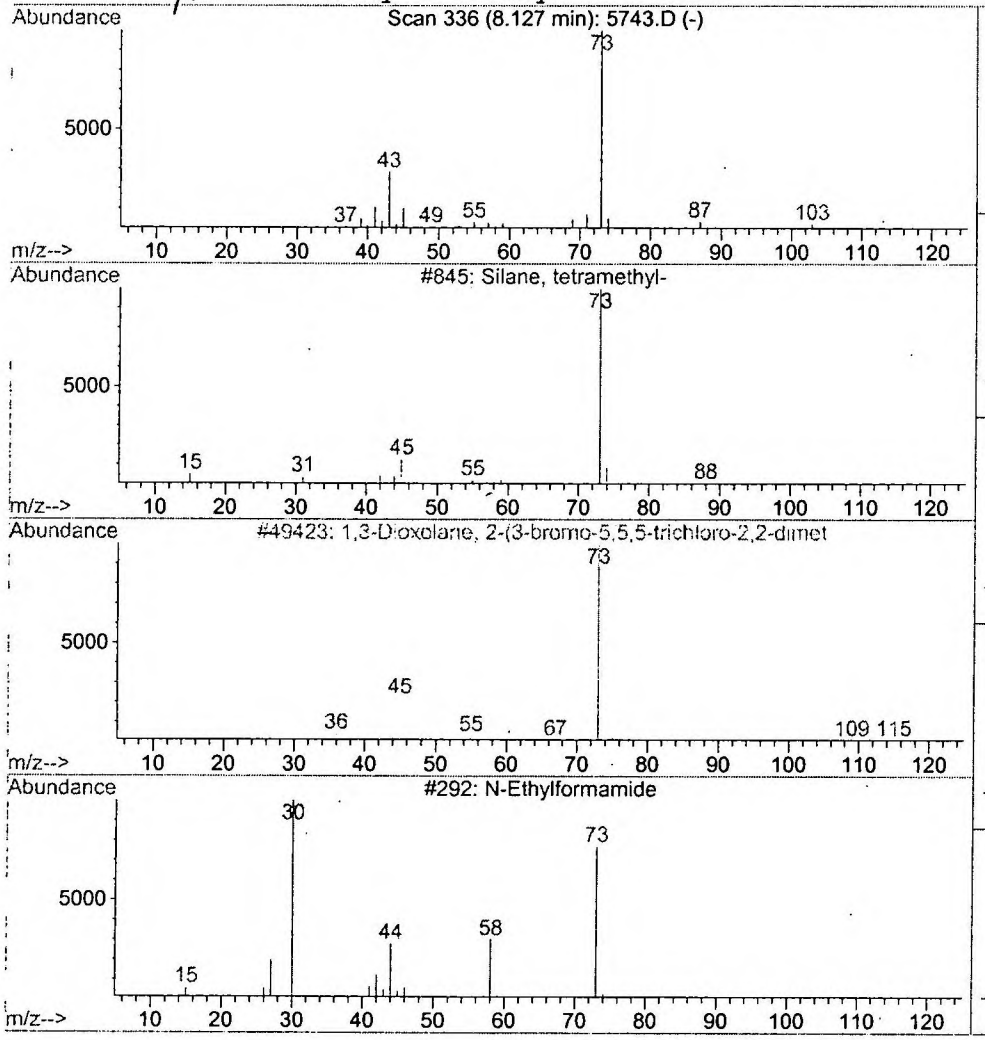
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

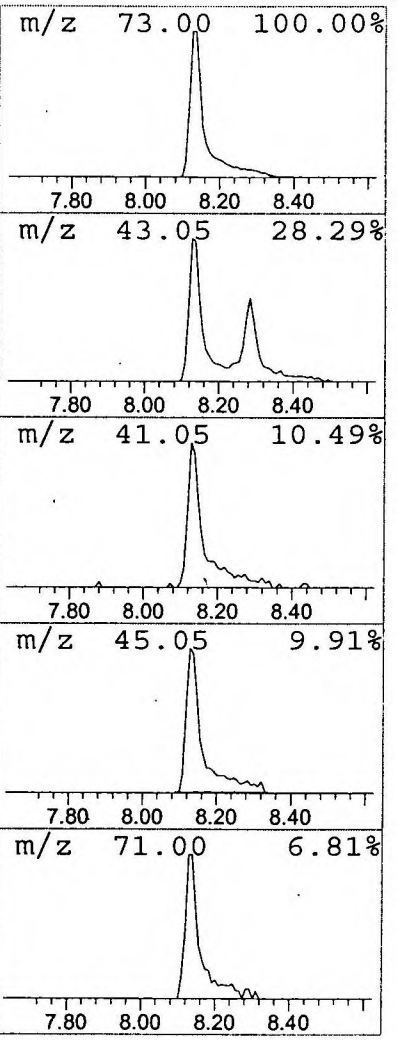
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	1.73 ug/l	264549	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9





NYC-WTC_000059533

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0102\5743.D Vial: 22
Acq On : 2 Apr 2002 10:00 pm Operator:
Sample : gc/ms scan 3/12 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

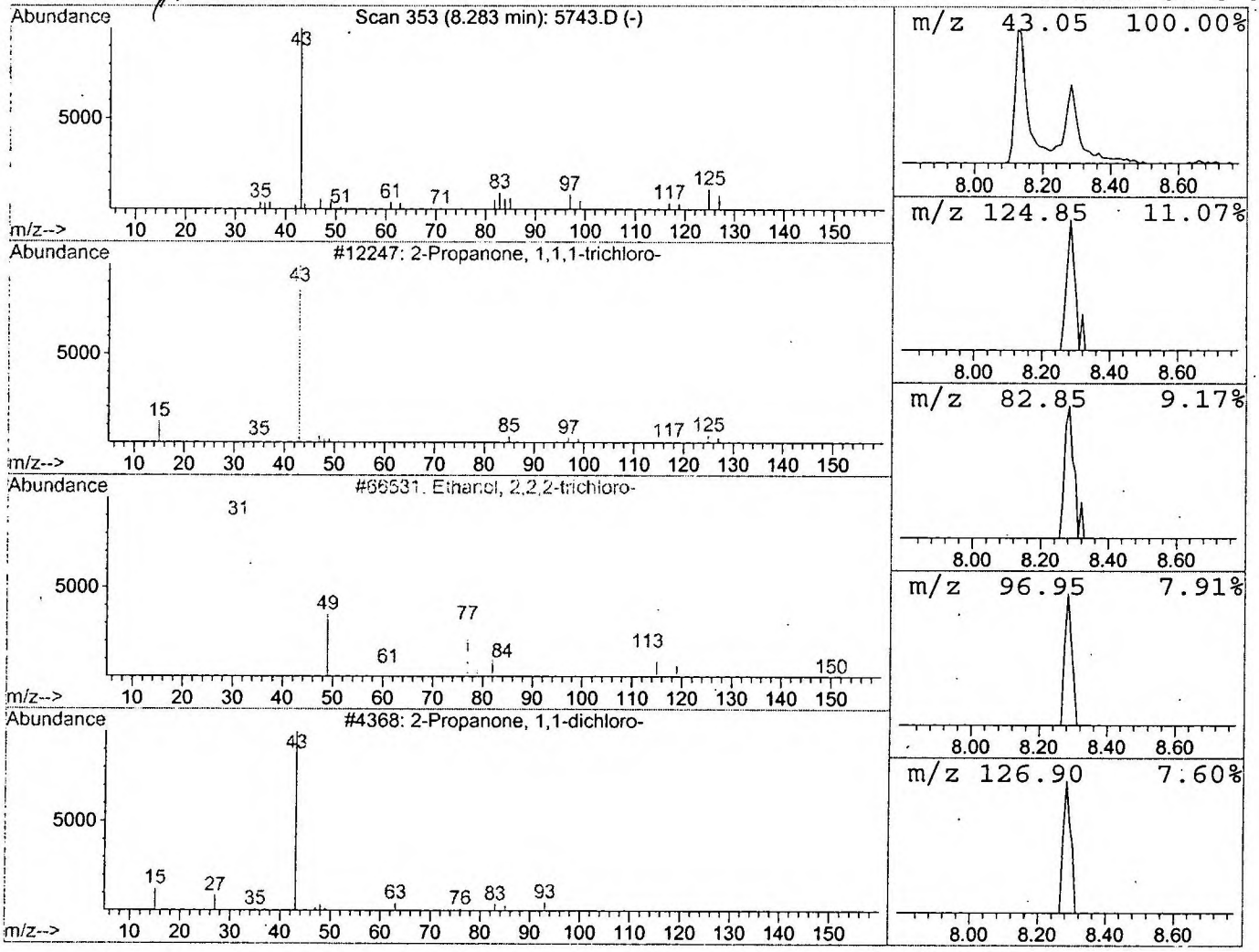
Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	0.32 ug/l	49329	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	56
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	Decane, 1-fluoro-	160	C10H21F	000334-56-5	9



NYC-WTC_000059534

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 Apr 2002 10:00 pm
Data File: C:\HPCHEM\1\DATA\APR0102\5743.D
Name: gc/ms scan 3/12
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
Silane, tetramethyl-	8.13	1.7	ug/l	264549	ISTD01	12.25	3051560	20.0
2-Propanone, 1,1,1-t	8.28	0.3	ug/l	49329	ISTD01	12.25	3051560	20.0

5743.D GCMS0403.M Fri Apr 05 10:36:24 2002