User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 14:32:01

Sample: AD30905
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 14:31 Ended: 1/28/02 14:31 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		105		5.0

Comments for Sample AD30905 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 15:12:20

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 below its acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30905.D Vial: 45
Acq On : 2 Jan 2002 7:33 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:50 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
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	908417	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3479935	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1782357	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2567457m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1531266m	20.00	ug/l	-0.01
44) Perylene-d12	37.11	264	842865m	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	148765	5.27	ug/mL	0.00
Spiked Amount 5.000			Recovery = 105.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.22	74	1114	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	13.35	77	528	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	975	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	21.25	165	194	N.D.		
25) Diethylphthalate	22.16	149	1553	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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Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration
DataAcq Meth : GCMS1126

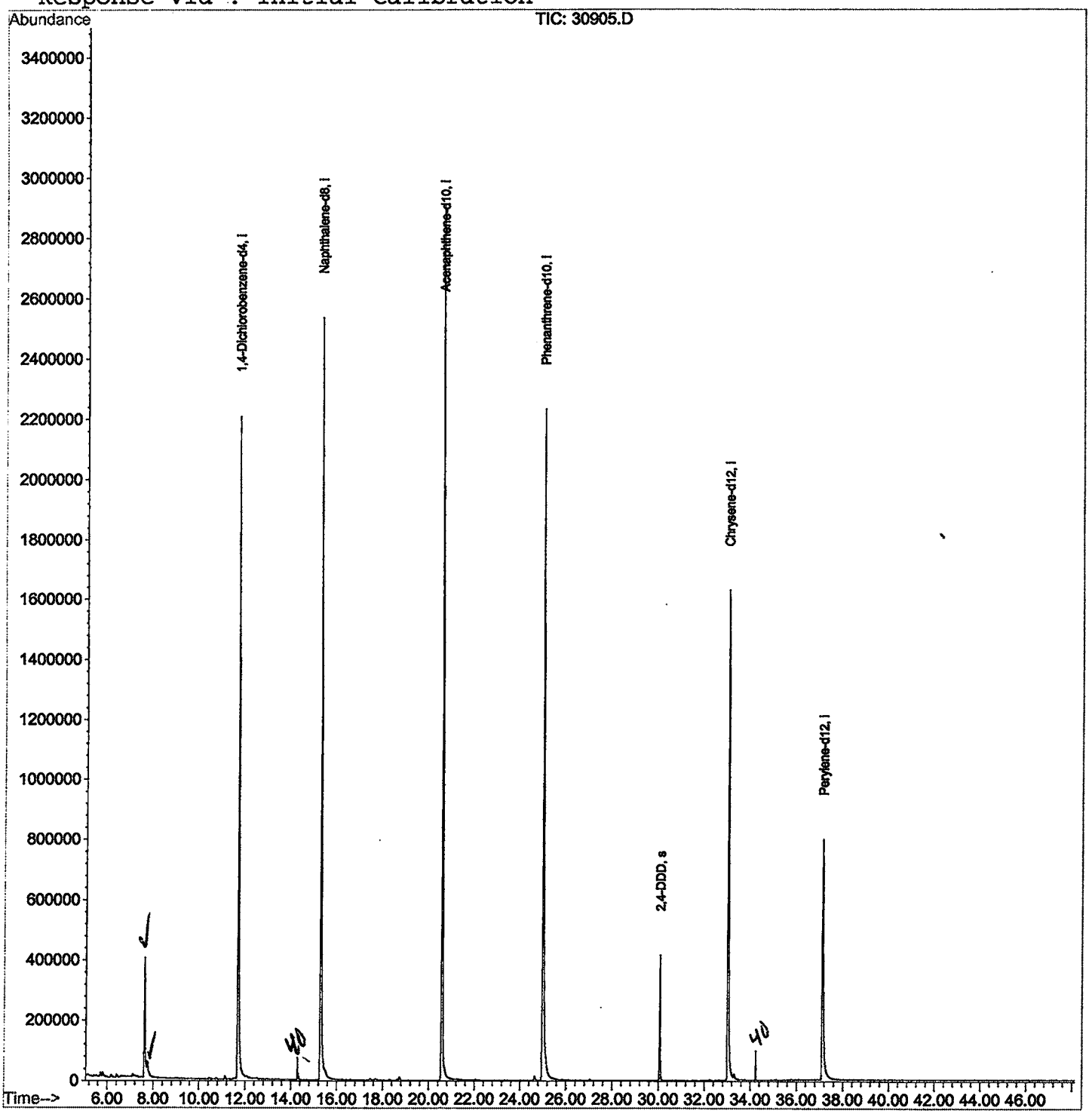
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	1811	N.D.	
34)	Anthracene	25.05	178	1811	N.D.	
35)	Di-n-butylphthalate	27.04	149	6655	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	1854	N.D.	
41)	Benzo(a)anthracene	33.03	228	5126	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	10574	N.D.	
43)	Chrysene	33.08	228	3252	N.D.	
45)	Di-n-Octylphthalate	35.06	149	1269	N.D.	
46)	Benzo(b)fluoranthene	36.11	252	2960	N.D.	
47)	Benzo(k)fluoranthene	36.11	252	968	N.D.	
48)	Benzo(a)pyrene	37.11	252	3858	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\DEC3101\30905.D Vial: 45
Acq On : 2 Jan 2002 7:33 am Operator: 209 GALOS
Sample : gcms scan 12/19a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 25 9:50 2002 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Jan 22 11:56:23 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30905.D Vial: 45
Acq On : 2 Jan 2002 7:33 am Operator: 209 GALOS
Sample : gcms scan 12/19a 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

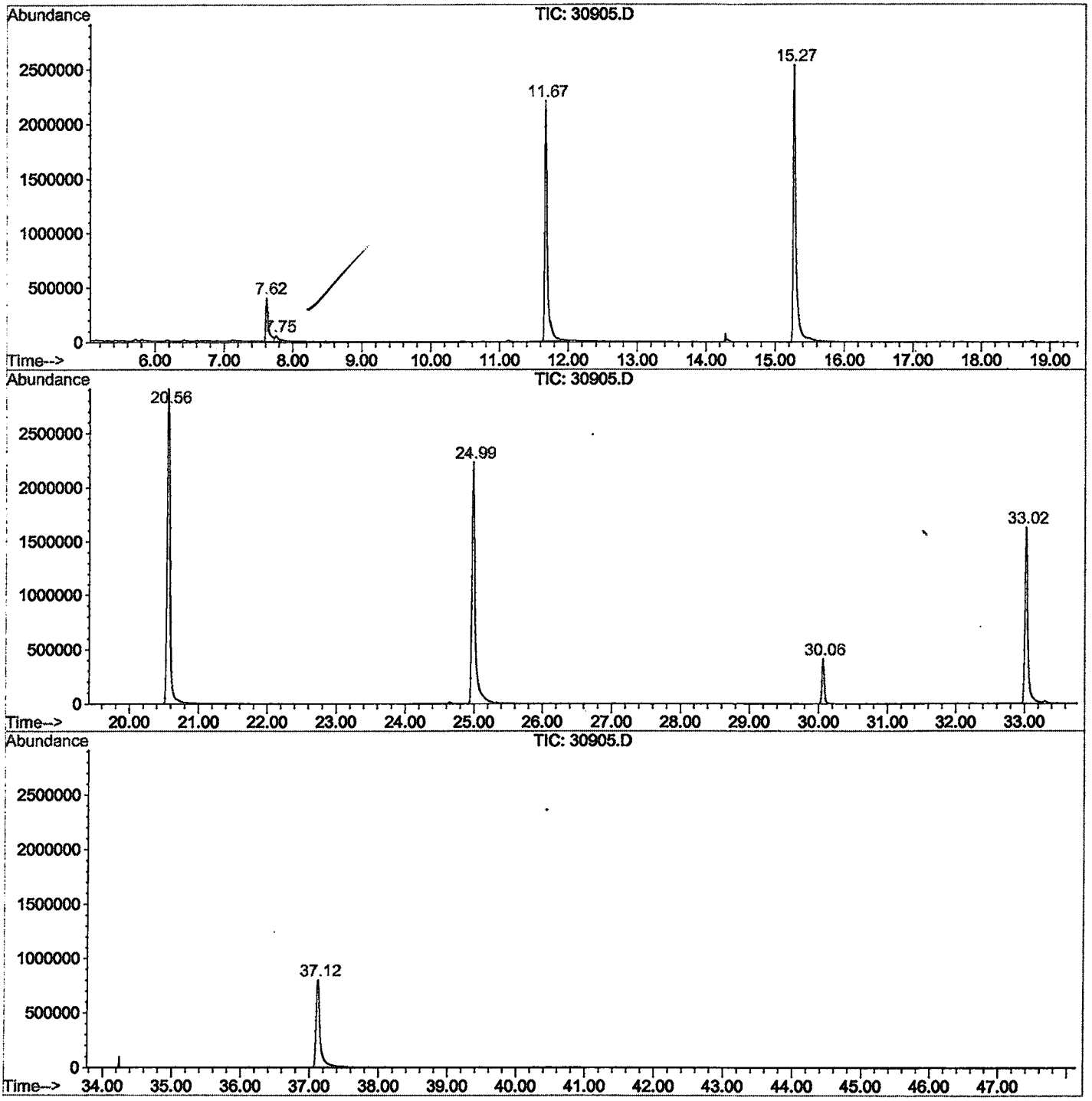
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.617	276	280	292	rBV	397041	1082657	13.75%	2.819%
2	7.755	292	295	317	rVB	50099	206758	2.63%	0.538%
3	11.675	717	722	760	rBV	2201694	5700284	72.38%	14.840%
4	15.273	1109	1114	1159	rBV	2535072	7173381	91.08%	18.675%
5	20.561	1683	1690	1719	rBV	2912751	7875781	100.00%	20.503%
6	24.986	2165	2172	2205	rBV2	2232834	7269046	92.30%	18.924%
7	30.063	2720	2725	2739	rBV	413667	921648	11.70%	2.399%
8	33.019	3039	3047	3073	rBV2	1628730	5024145	63.79%	13.079%
9	37.123	3486	3494	3527	rBV2	795343	3158683	40.11%	8.223%

Sum of corrected areas: 38412383

30905.D GCMS1126.M Fri Jan 25 11:30:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30905.D
Operator : 209 GALOS
Acquired : 2 Jan 2002 7:33 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/19a
Misc Info :
Vial Number: 45
Quant File :GCMS1126.RES (RTE Integrator)



30905.D GCMS1126.M Fri Jan 25 11:30:55 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30905.D
Acq On : 2 Jan 2002 7:33 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

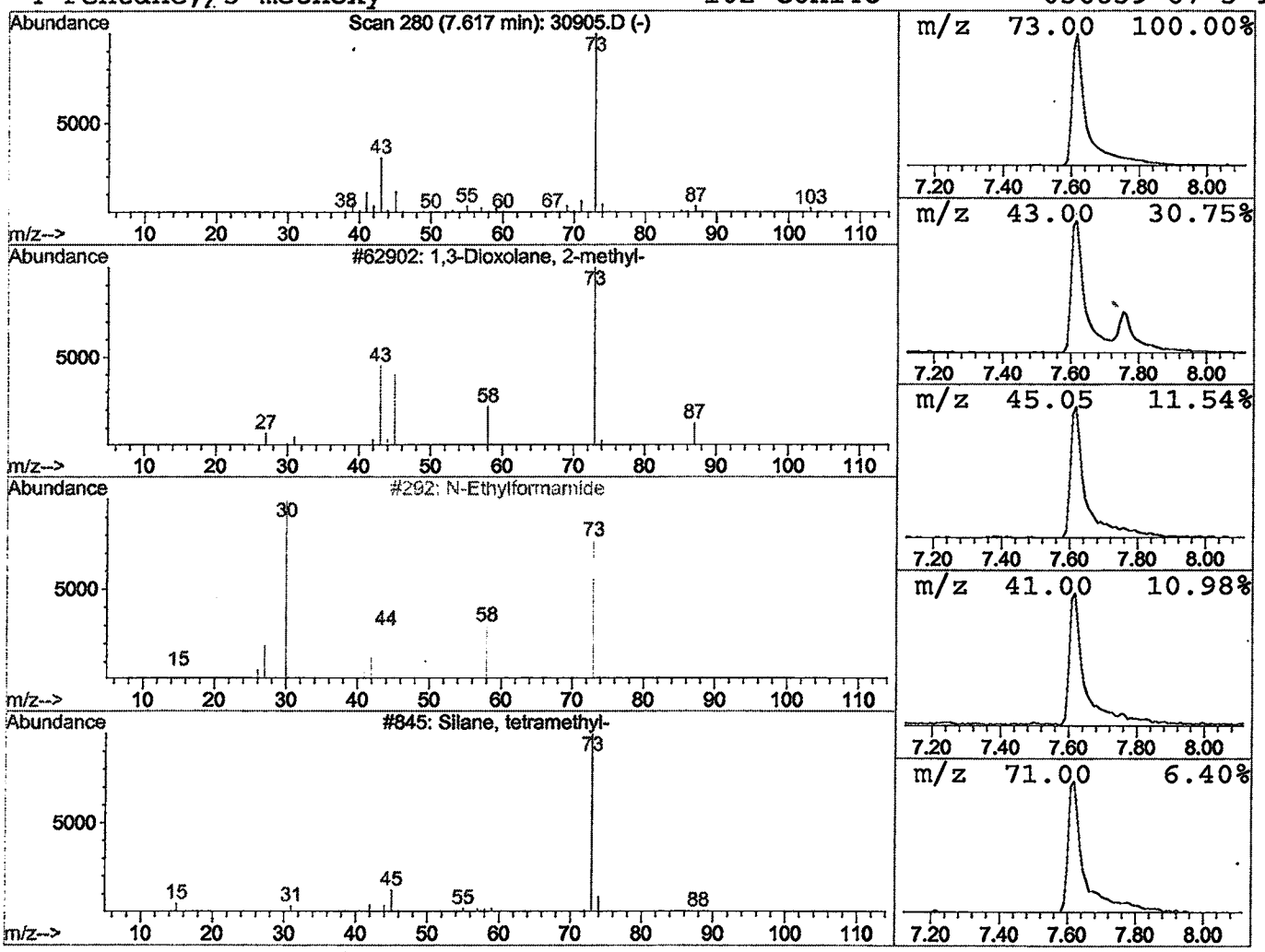
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	3.80 ug/l	1082660	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	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\DEC3101\30905.D
Acq On : 2 Jan 2002 7:33 am
Sample : gcms scan 12/19a
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

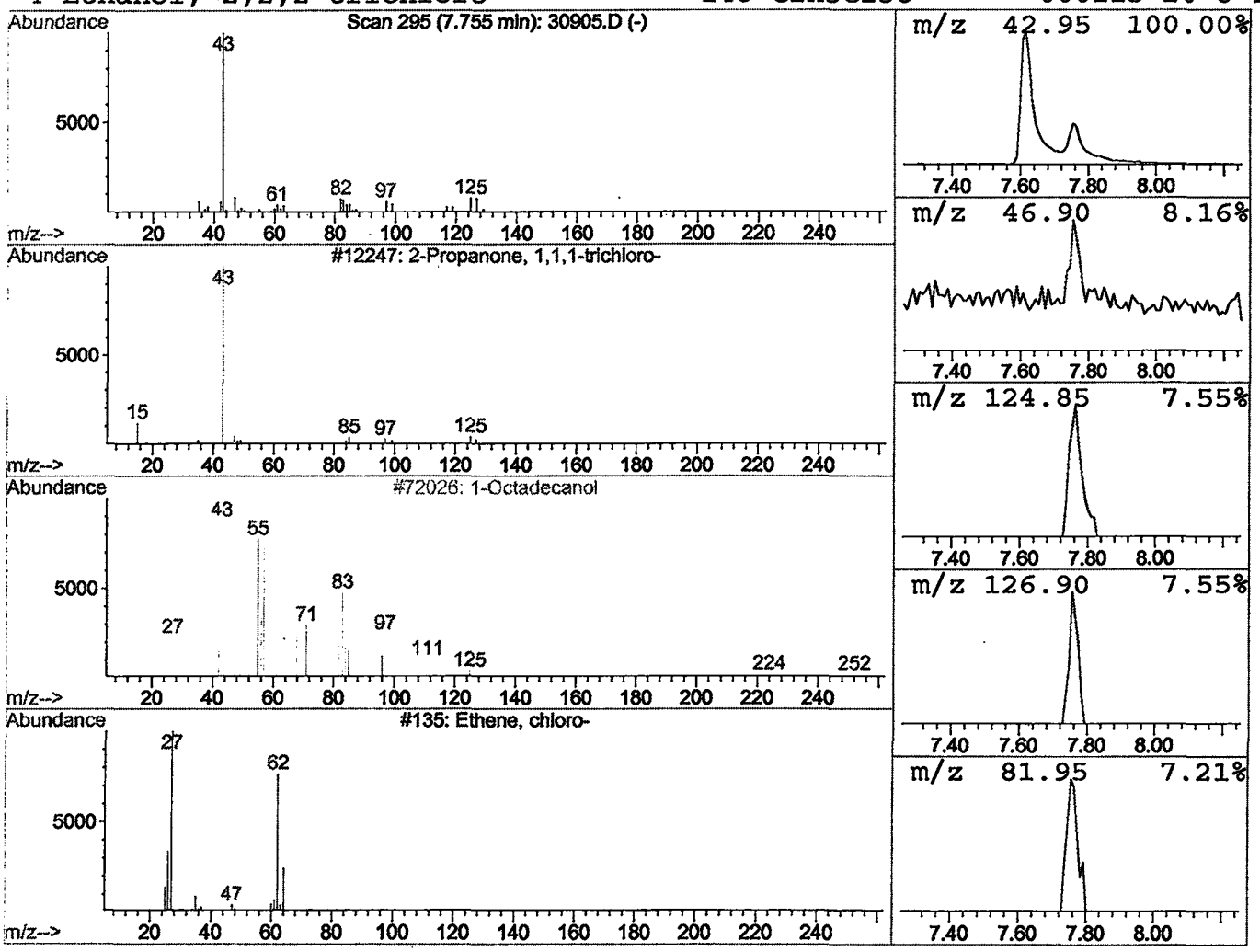
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.73 ug/l	206758	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	42
2	1-Octadecanol	270	C18H38O	000112-92-5	9
3	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
4	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 2 Jan 2002 7:33 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30905.D
Name: gcms scan 12/19a
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
1,3-Dioxolane, 2-met	7.62	3.8	ug/l	1082660	ISTD01	11.67	5700280	20.0
2-Propanone, 1,1,1-t	7.75	0.7	ug/l	206758	ISTD01	11.67	5700280	20.0

30905.D GCMS1126.M Fri Jan 25 11:31:08 2002