User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/09/2002 Time: 13:15:04

Sample: AD30254
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 13:14 Ended: 1/9/02 13:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		5.0

Comments for Sample AD30254 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-09-2002 Time: 13:15:15

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 8 of the 43 compounds in the LCS Standard were above their acceptance range.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\30254.D Vial: 12
Acq On : 22 Dec 2001 5:34 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:41 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	11.67	152	929074	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3562973	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1807633	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2652606m	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1723023	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1107269	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	173128	4.51	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 90.20%			
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	13.12	77	100	N.D.		
12) Isophorone	13.49	82	178	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	1188	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	21.23	165	299	N.D.		
25) Diethylphthalate	22.11	149	426	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 : 22 Dec 2001 5:34 pm Operator: 209 GALOS
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Misc : Multiplr: 1.00
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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	261	N.D.	
34)	Anthracene	25.04	178	261	N.D.	
35)	Di-n-butylphthalate	27.01	149	4750	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	33.01	228	4182	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	5030	N.D.	
43)	Chrysene	33.01	228	4182	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.10	252	4137	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.	

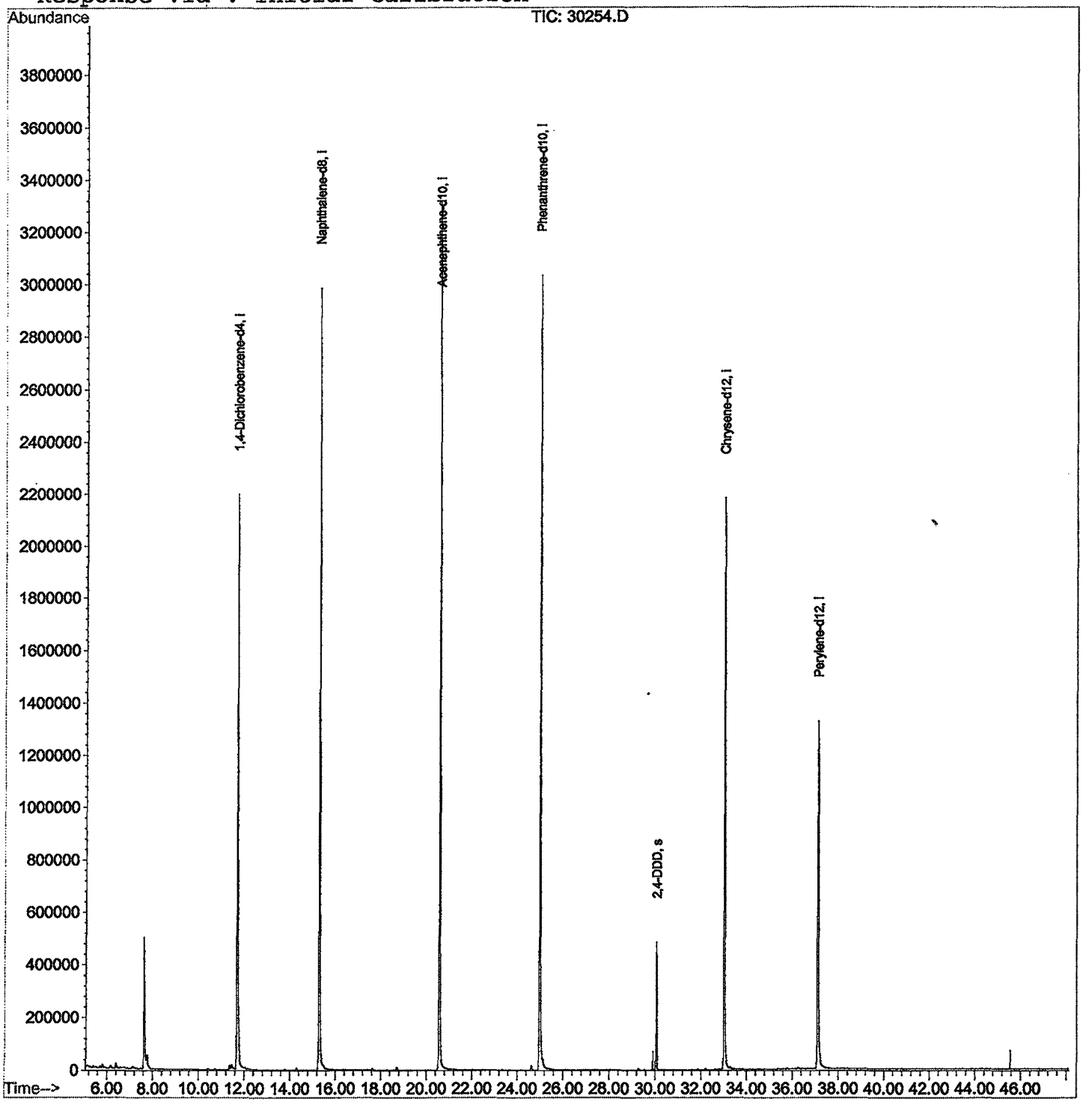
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30254.D
Acq On : 22 Dec 2001 5:34 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: GOOFY.P
Quant Time: Dec 27 9:41 2001

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30254.D Vial: 12
Acq On : 22 Dec 2001 5:34 pm Operator: 209 GALOS
Sample : gc/ms scan 12/13a 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

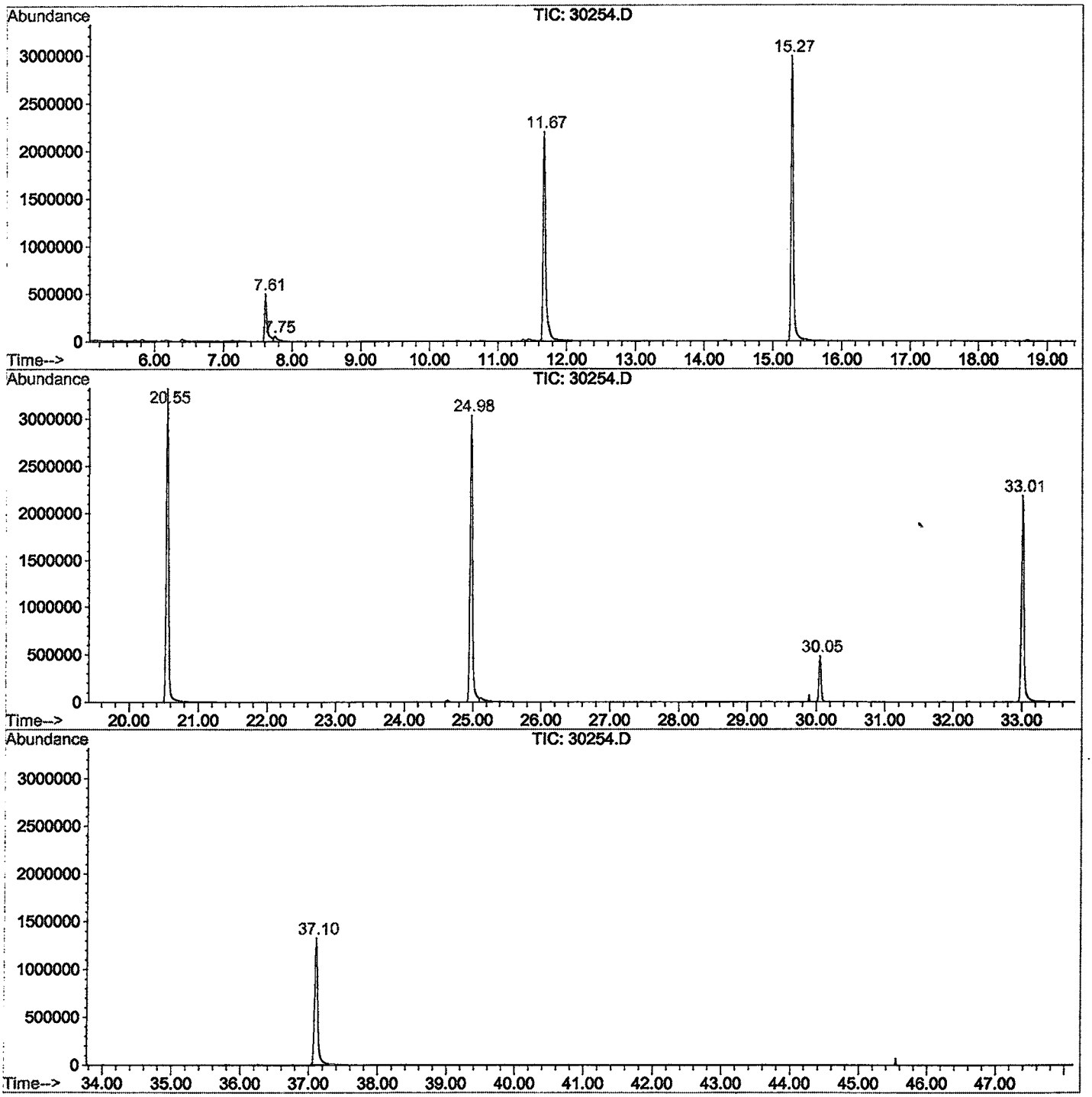
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.607	275	279	291	rBV	497684	1224059	15.93%	3.097%
2	7.754	292	295	311	rVB2	51377	182936	2.38%	0.463%
3	11.674	717	722	746	rBV	2195167	5591295	72.75%	14.148%
4	15.273	1109	1114	1133	rBV	2984622	6995405	91.02%	17.702%
5	20.551	1683	1689	1714	rBV	3319053	7685423	100.00%	19.448%
6	24.976	2164	2171	2184	rBV2	3033639	7259489	94.46%	18.370%
7	30.053	2718	2724	2734	rBV	484168	1029291	13.39%	2.605%
8	33.009	3039	3046	3069	rBV2	2181067	5520982	71.84%	13.971%
9	37.104	3485	3492	3513	rBV2	1321511	4029790	52.43%	10.197%

Sum of corrected areas: 39518670

30254.D GCMS1126.M Wed Jan 02 10:15:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\30254.D
Operator : 209 GALOS
Acquired : 22 Dec 2001 5:34 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/13a
Misc Info :
Vial Number: 12
Quant File :GCMS1126.RES (RTE Integrator)



30254.D GCMS1126.M Wed Jan 02 10:15:08 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30254.D
Acq On : 22 Dec 2001 5:34 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

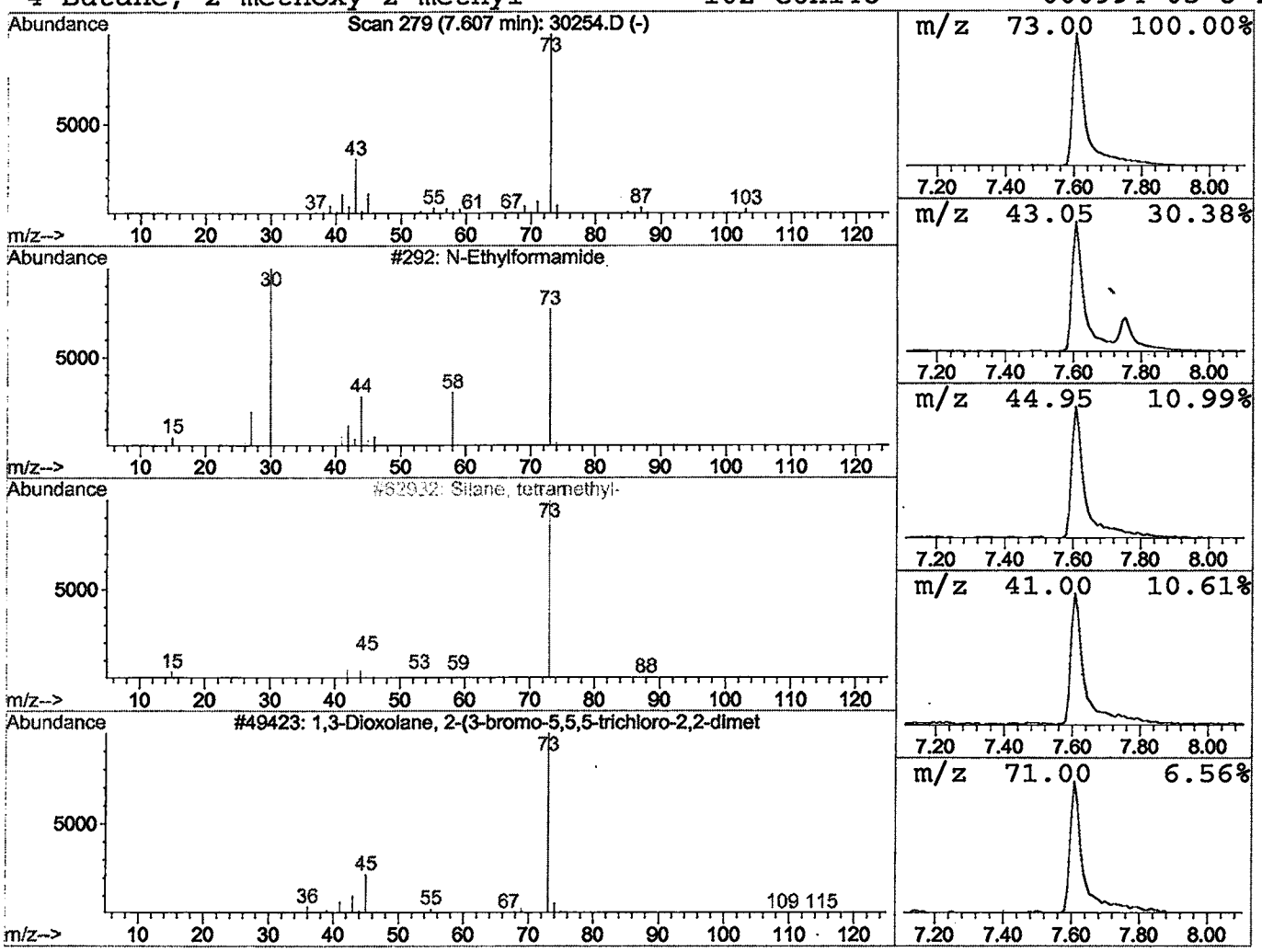
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.38 ug/l	1224060	1,4-Dichlorobenzene-d4	11.67

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	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\30254.D
Acq On : 22 Dec 2001 5:34 pm
Sample : gc/ms scan 12/13a
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

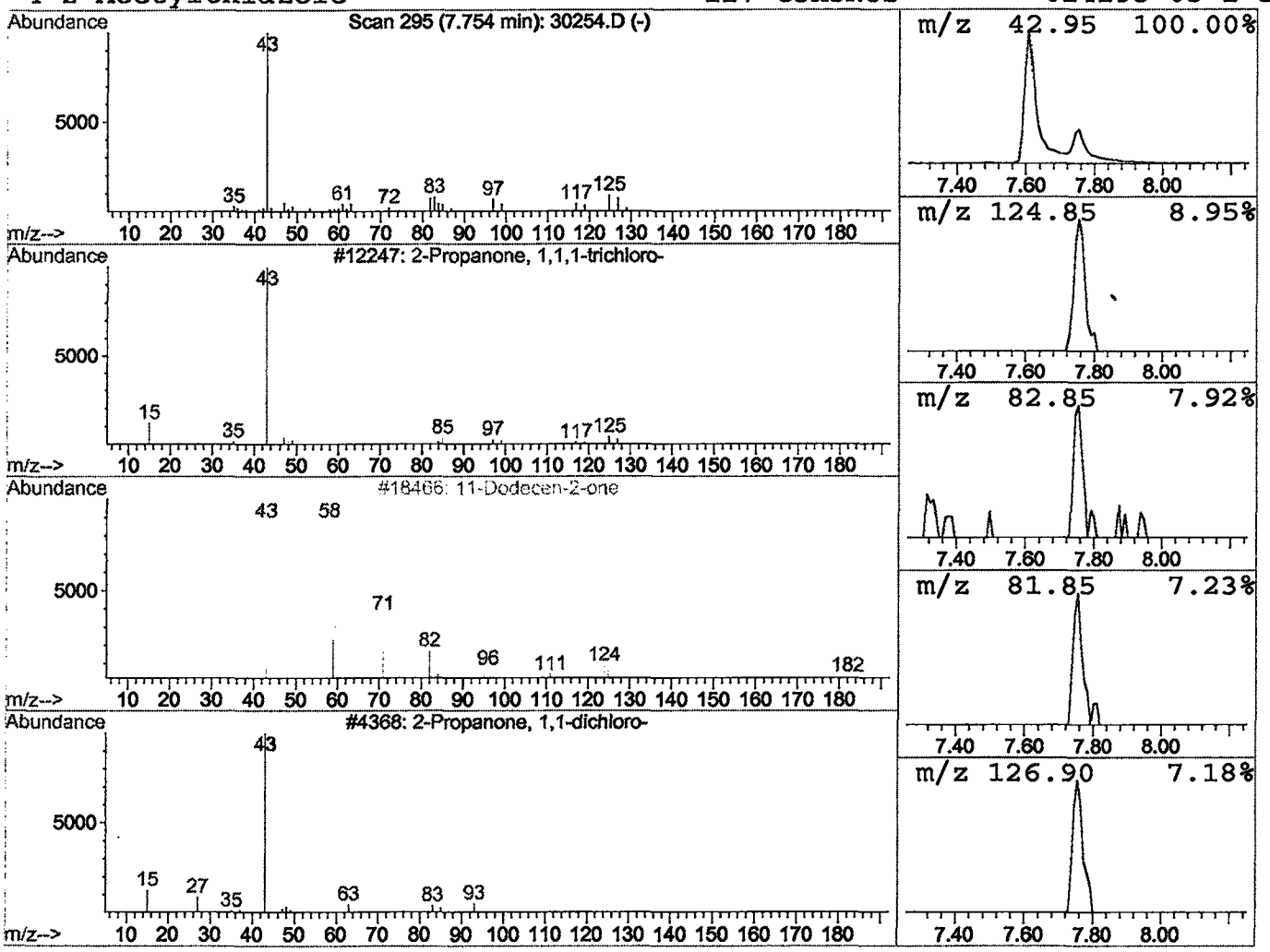
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.65 ug/l	182936	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	33
2	11-Dodecen-2-one	182	C12H22O	005009-33-6	17
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 22 Dec 2001 5:34 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\30254.D
Name: gc/ms scan 12/13a
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	7.61	4.4	ug/l	1224060	ISTD01	11.67	5591300	20.0
2-Propanone, 1,1,1-t	7.75	0.7	ug/l	182936	ISTD01	11.67	5591300	20.0

30254.D GCMS1126.M Wed Jan 02 10:15:21 2002