User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:20:28

Sample: AD31504
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:20 Ended: 2/15/02 15:20 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 AD31504 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:20:38

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 15 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN1802\31504.D Vial: 12
Acq On : 19 Jan 2002 2:21 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:22 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.50	152	756234	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	2903168	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1437665	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2014605	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1319922	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	858091	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	104149	4.50	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 90.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.17	74	193	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	15.15	128	1339	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.71	165	100	N.D.		
25) Diethylphthalate	21.88	149	2293	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\JAN1802\31504.D Vial: 12
Acq On : 19 Jan 2002 2:21 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:22 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.83	178	807	N.D.	
34)	Anthracene	24.83	178	807	N.D.	
35)	Di-n-butylphthalate	26.80	149	7426	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.31	149	1147	N.D.	
41)	Benzo(a)anthracene	32.80	228	3243	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	12786	N.D.	
43)	Chrysene	32.80	228	3243	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	35.87	252	362	N.D.	
47)	Benzo(k)fluoranthene	35.87	252	186	N.D.	
48)	Benzo(a)pyrene	36.87	252	3989	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

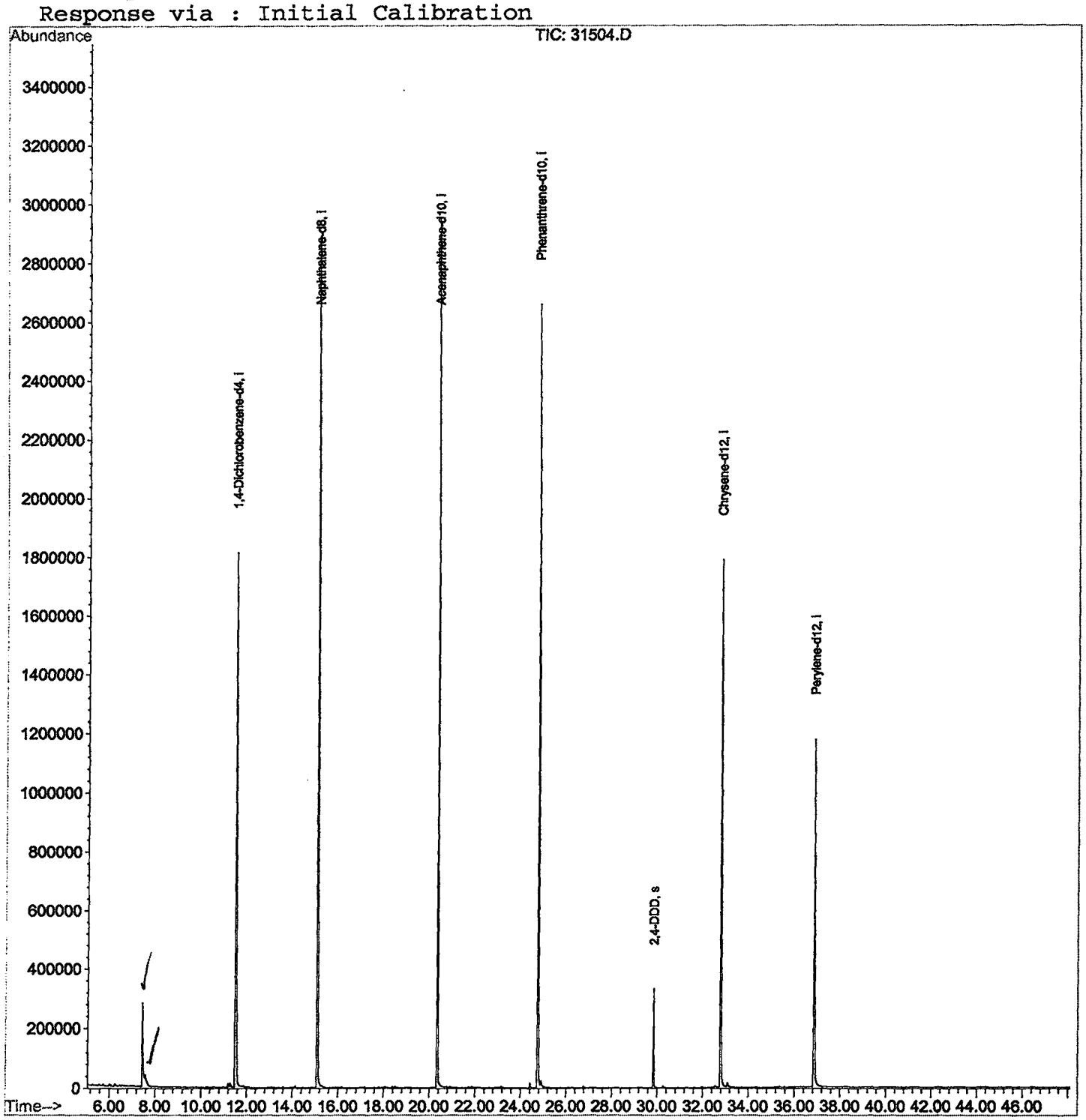
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31504.D
Acq On : 19 Jan 2002 2:21 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:22 2002

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

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31504.D Vial: 12
Acq On : 19 Jan 2002 2:21 am Operator: 209 GALOS
Sample : gc/ms scan 12/31 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

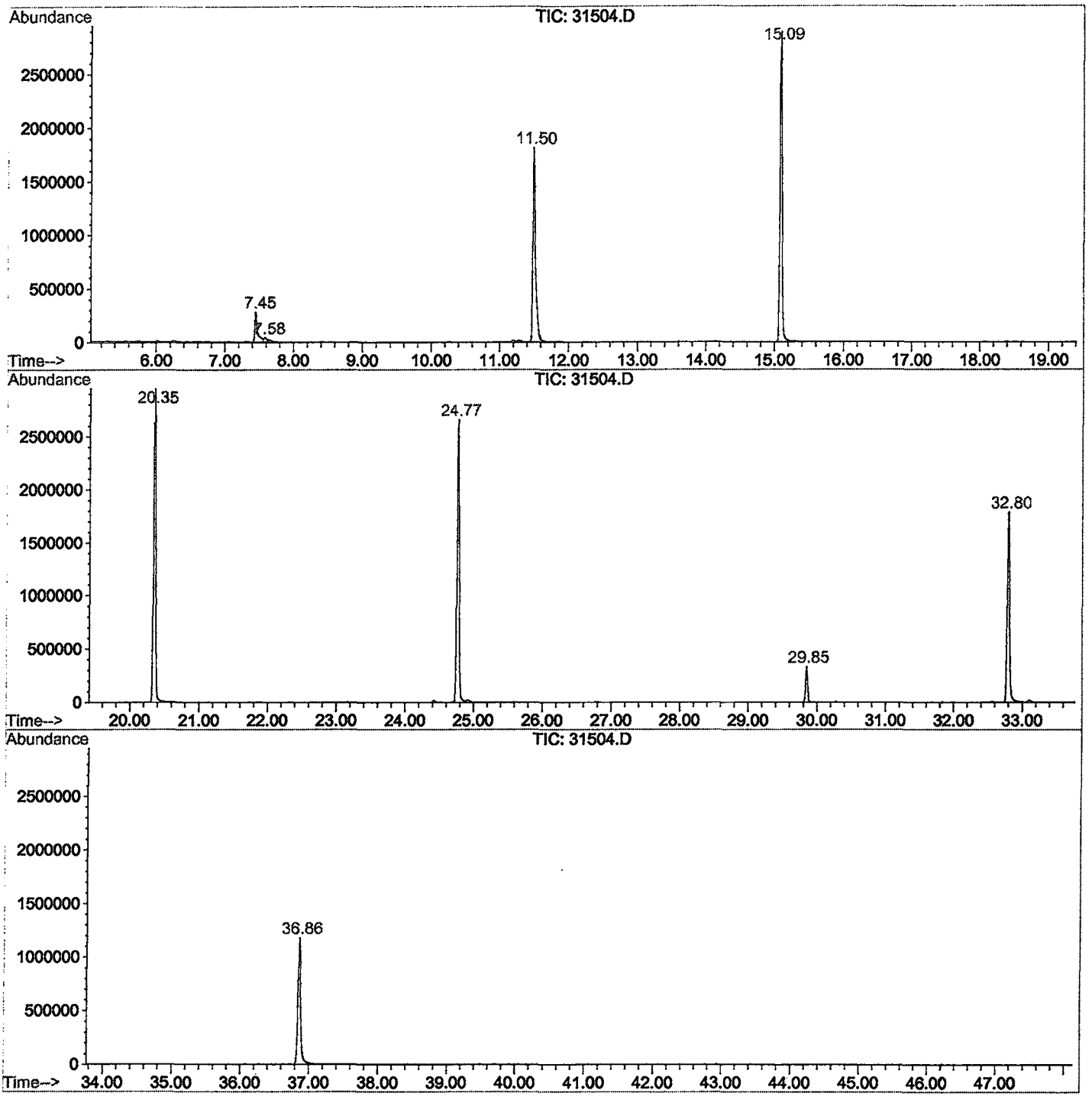
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	274	rBV	279442	747726	12.21%	2.359%
2	7.585	274	277	294	rVB	37798	165232	2.70%	0.521%
3	11.496	698	703	724	rBV	1813831	4848236	79.20%	15.293%
4	15.094	1089	1095	1114	rBV	2889647	5997495	97.97%	18.918%
5	20.355	1662	1668	1687	rBV	2951357	6121722	100.00%	19.310%
6	24.771	2143	2149	2160	rBV2	2658964	5675728	92.71%	17.903%
7	29.847	2697	2702	2709	rBV2	330879	654704	10.69%	2.065%
8	32.803	3017	3024	3045	rBV2	1789239	4275155	69.84%	13.485%
9	36.861	3459	3466	3485	rBV2	1176157	3216009	52.53%	10.144%

Sum of corrected areas: 31702007

31504.D GCMS0103.M Wed Feb 06 15:38:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31504.D
Operator : 209 GALOS
Acquired : 19 Jan 2002 2:21 am using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 12
Quant File :GCMS0103.RES (RTE Integrator)



31504.D GCMS0103.M Wed Feb 06 15:38:15 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31504.D
Acq On : 19 Jan 2002 2:21 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

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

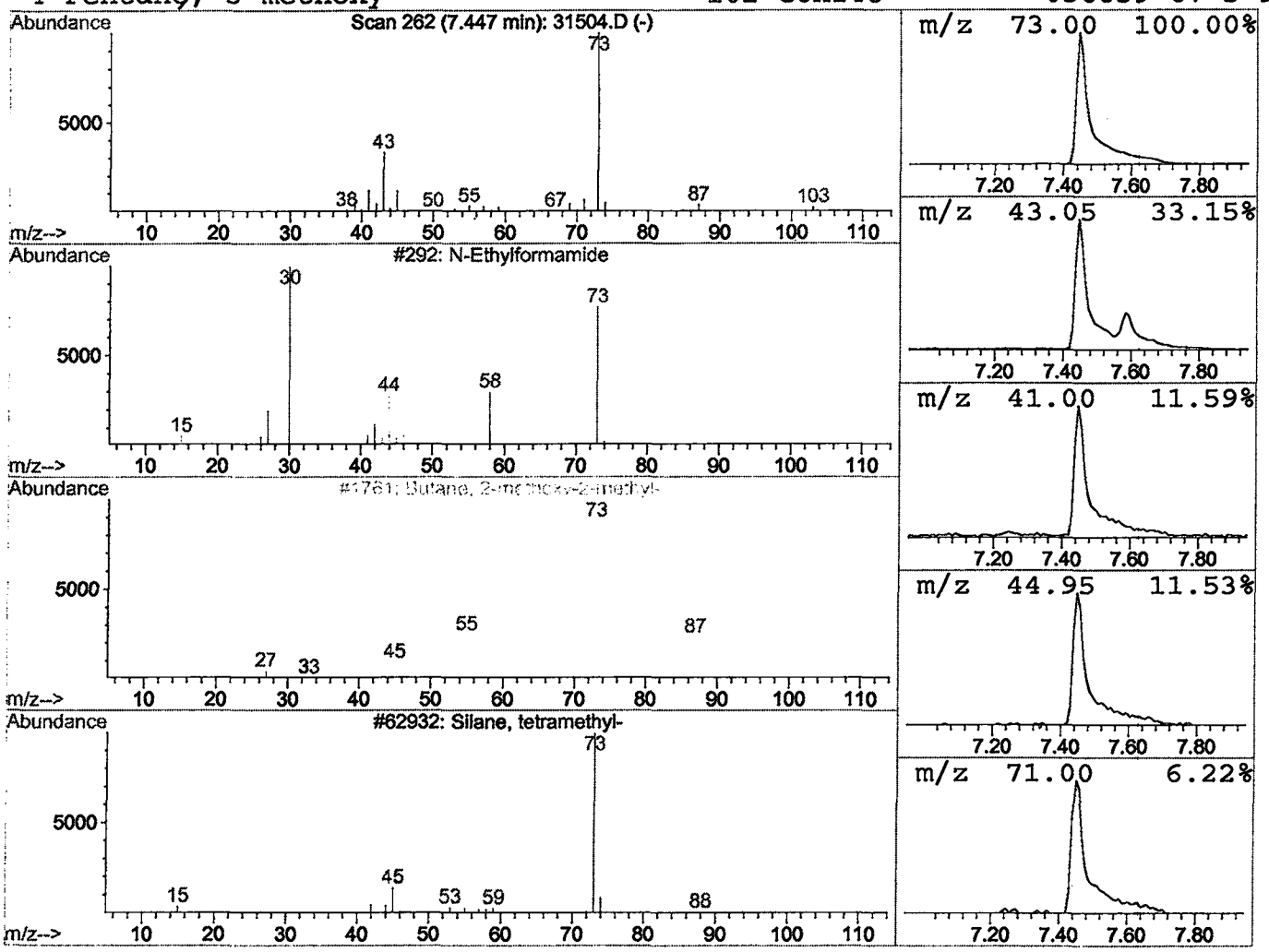
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.08 ug/l	747726	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	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\JAN1802\31504.D
Acq On : 19 Jan 2002 2:21 am
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

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

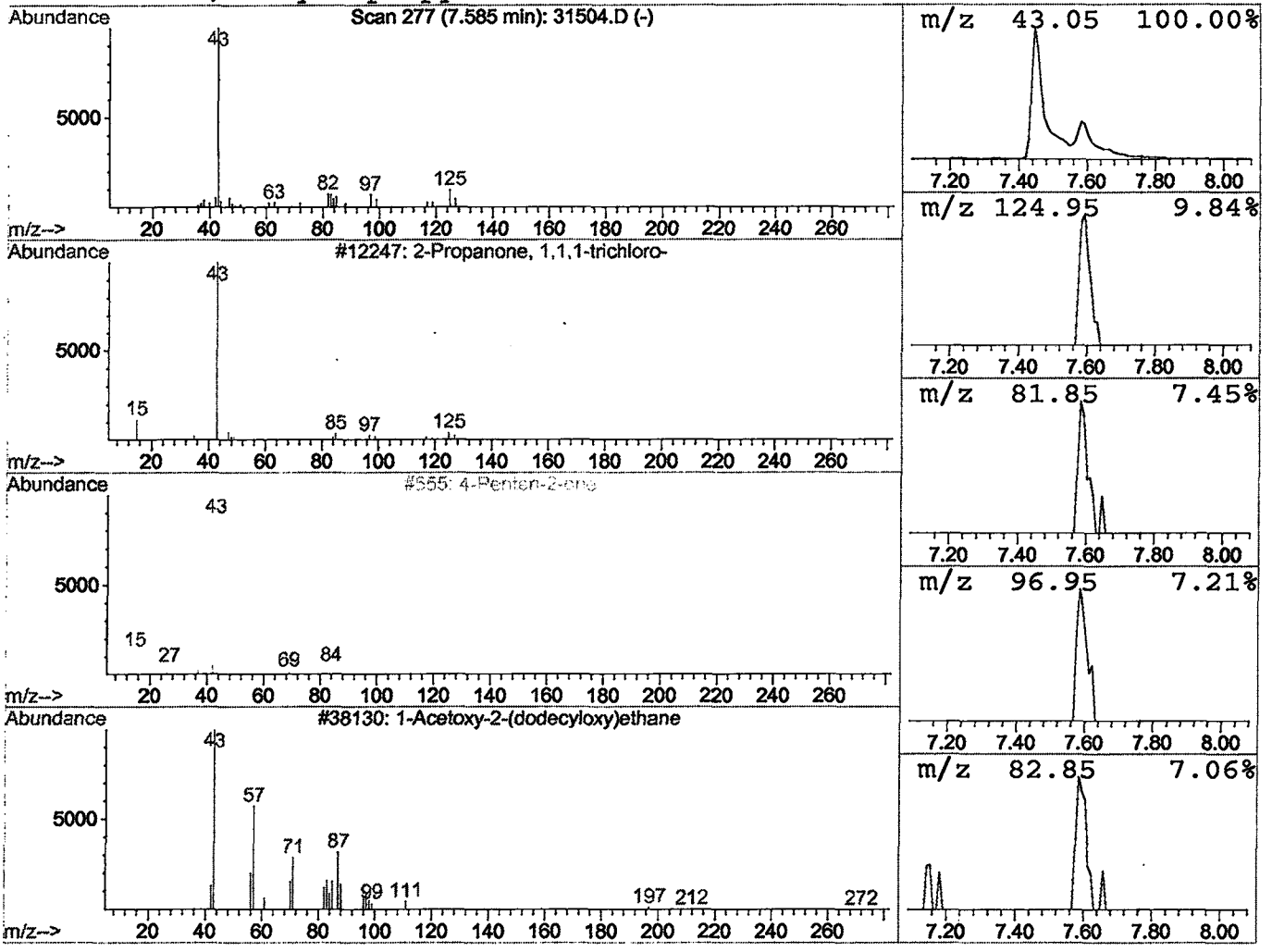
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.68 ug/l	165232	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	4-Penten-2-one	84	C5H8O	013891-87-7	12
3	1-Acetoxy-2-(dodecyloxy)ethane	272	C16H32O3	000000-00-0	10
4	Ethanone, 1-cyclopropyl-	84	C5H8O	000765-43-5	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Jan 2002 2:21 am
Data File: C:\HPCHEM\1\DATA\JAN1802\31504.D
Name: gc/ms scan 12/31
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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	7.45	3.1	ug/l	747726	ISTD01	11.50	4848240	20.0
2-Propanone, 1,1,1-t	7.58	0.7	ug/l	165232	ISTD01	11.50	4848240	20.0

31504.D GCMS0103.M Wed Feb 06 15:38:29 2002