User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:10:33

Sample: AD31503
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:10 Ended: 2/15/02 15:10 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		5.0

Comments for Sample AD31503 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:10:36

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\31503.D Vial: 9
Acq On : 18 Jan 2002 11:26 pm 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 15:17 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	828657	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3269205	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1638372	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2269165	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1337292	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	824516	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	107011	4.11	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 82.20%			
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	0.00	77	0	N.D.		
12) Isophorone	13.38	82	324	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	15.14	128	1060	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	20.81	165	270	N.D.		
25) Diethylphthalate	21.88	149	1443	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\31503.D Vial: 9
Acq On : 18 Jan 2002 11:26 pm 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 15:17 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	24.84	178	494	N.D.	
34)	Anthracene	24.84	178	494	N.D.	
35)	Di-n-butylphthalate	26.80	149	9307	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.31	149	1205	N.D.	
41)	Benzo(a)anthracene	32.80	228	3801	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.11	149	17905	N.D.	
43)	Chrysene	32.80	228	3801	N.D.	
45)	Di-n-Octylphthalate	34.85	149	417	N.D.	
46)	Benzo(b)fluoranthene	35.91	252	1249	N.D.	
47)	Benzo(k)fluoranthene	35.91	252	1249	N.D.	
48)	Benzo(a)pyrene	36.72	252	328	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

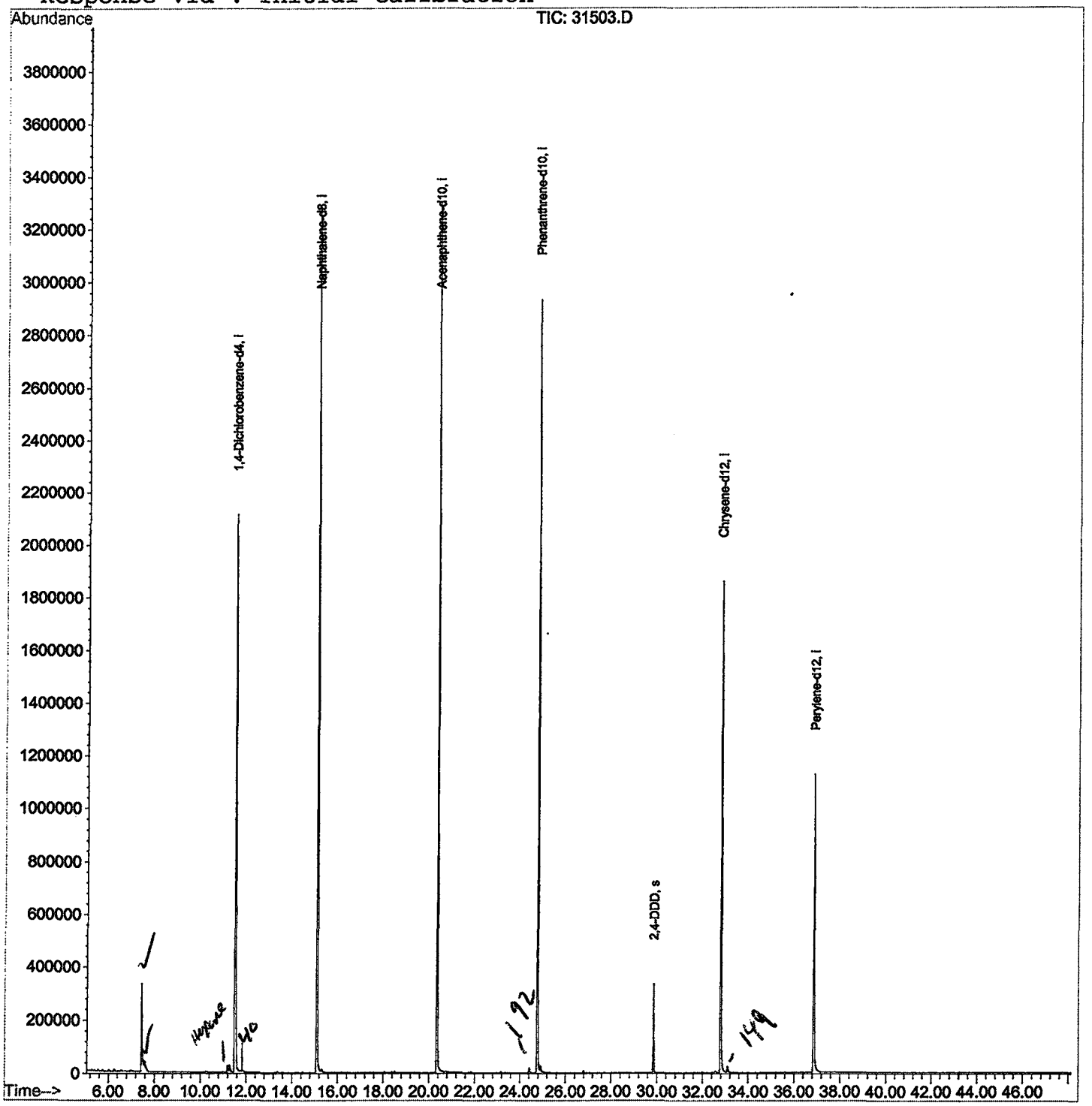
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31503.D
Acq On : 18 Jan 2002 11:26 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:17 2002

Vial: 9
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\31503.D Vial: 9
Acq On : 18 Jan 2002 11:26 pm 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

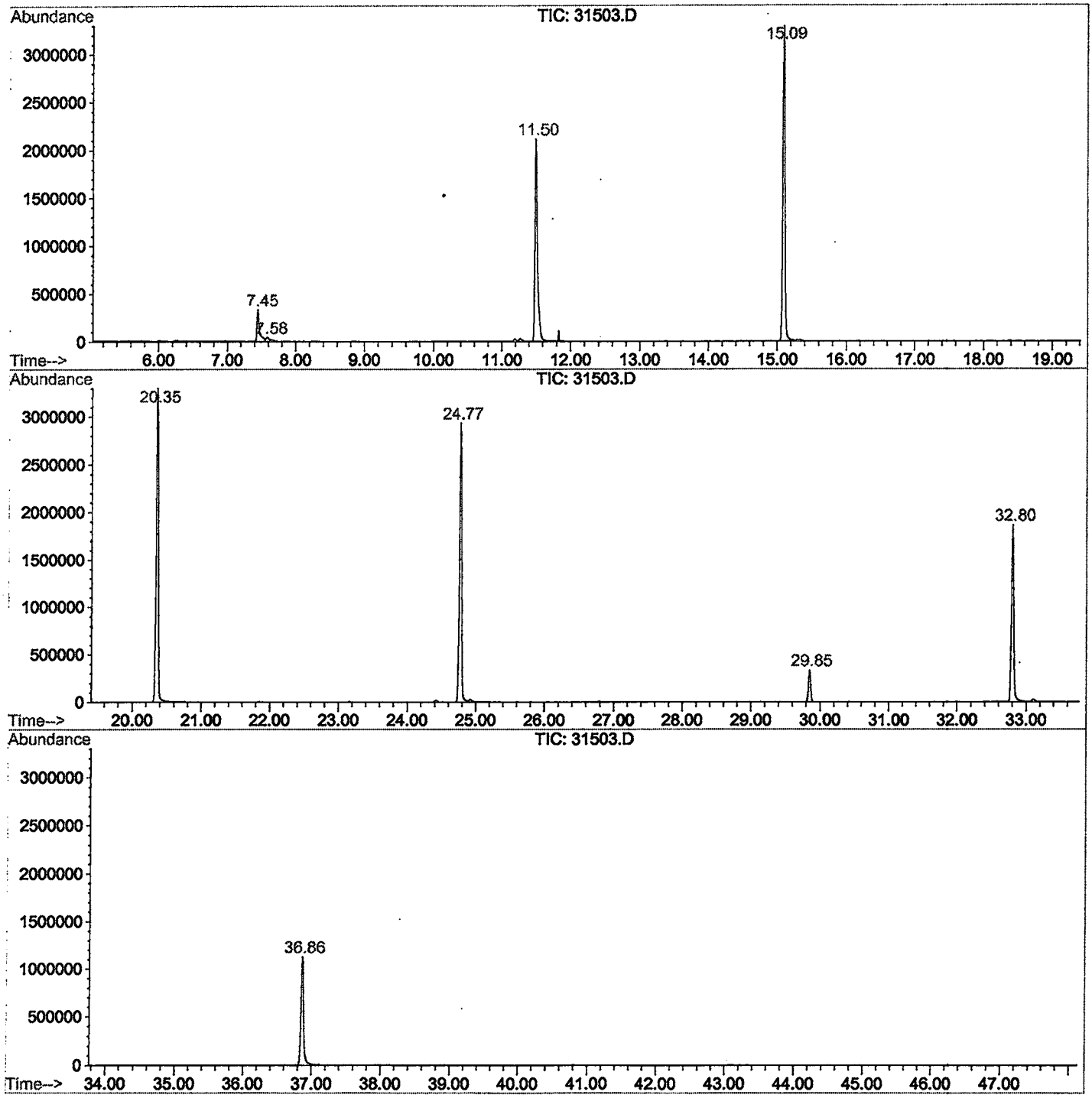
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	273	rBV	329828	816282	11.85%	2.363%
2	7.584	274	277	297	rVB2	39366	166051	2.41%	0.481%
3	11.495	698	703	727	rBV	2112219	5419999	78.71%	15.689%
4	15.094	1089	1095	1111	rBV	3287130	6724920	97.66%	19.467%
5	20.354	1662	1668	1686	rBV	3303674	6885831	100.00%	19.932%
6	24.770	2143	2149	2161	rBV2	2933798	6407547	93.05%	18.548%
7	29.847	2696	2702	2710	rBV	334342	674606	9.80%	1.953%
8	32.803	3017	3024	3045	rBV2	1859681	4350816	63.19%	12.594%
9	36.860	3458	3466	3490	rBV	1125099	3100022	45.02%	8.974%

Sum of corrected areas: 34546074

31503.D GCMS0103.M Wed Feb 06 15:37:17 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31503.D
Operator : 209 GALOS
Acquired : 18 Jan 2002 11:26 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 9
Quant File :GCMS0103.RES (RTE Integrator)



31503.D GCMS0103.M Wed Feb 06 15:37:22 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31503.D
Acq On : 18 Jan 2002 11:26 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

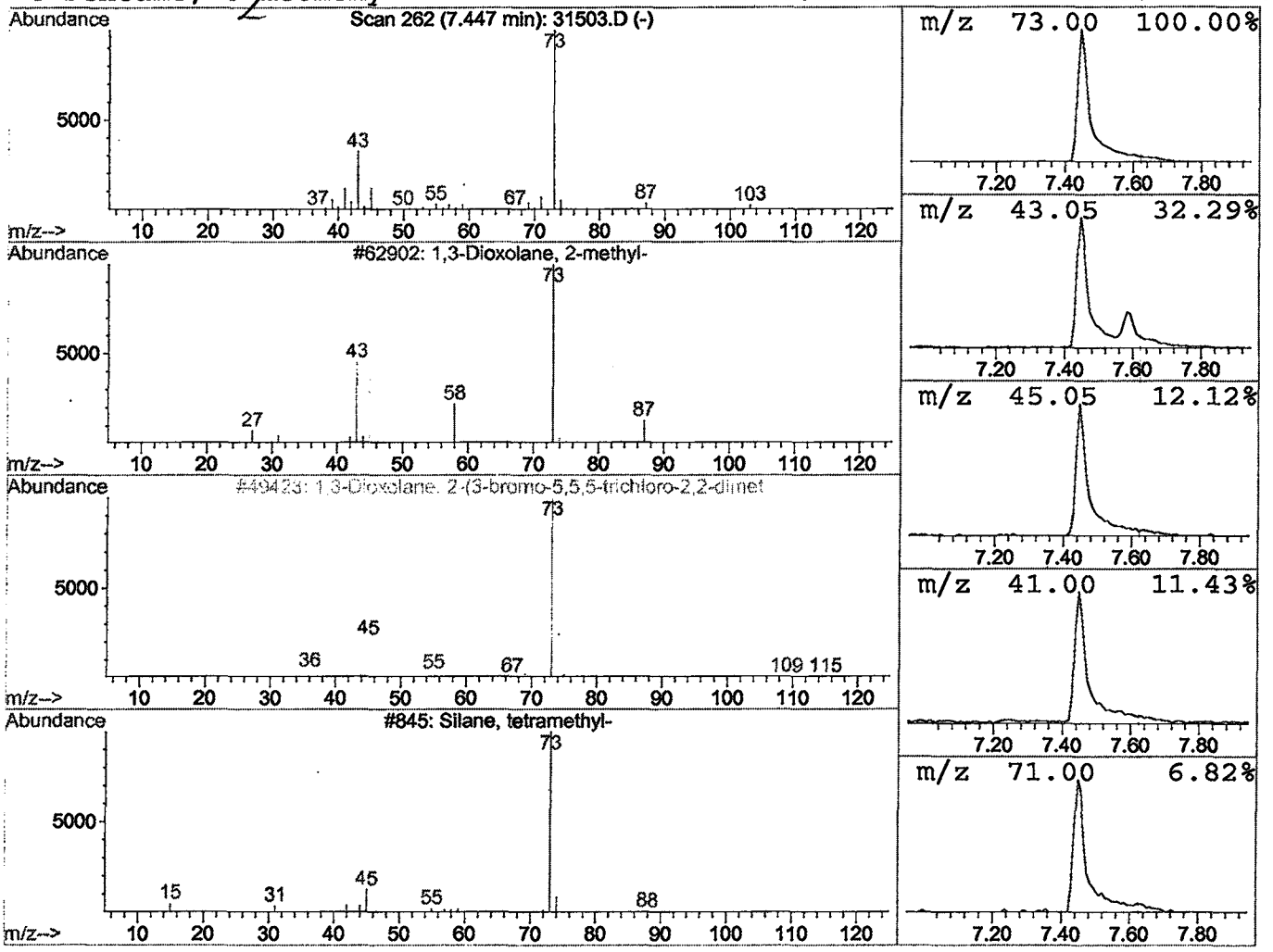
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.01 ug/l	816282	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	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\31503.D
Acq On : 18 Jan 2002 11:26 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

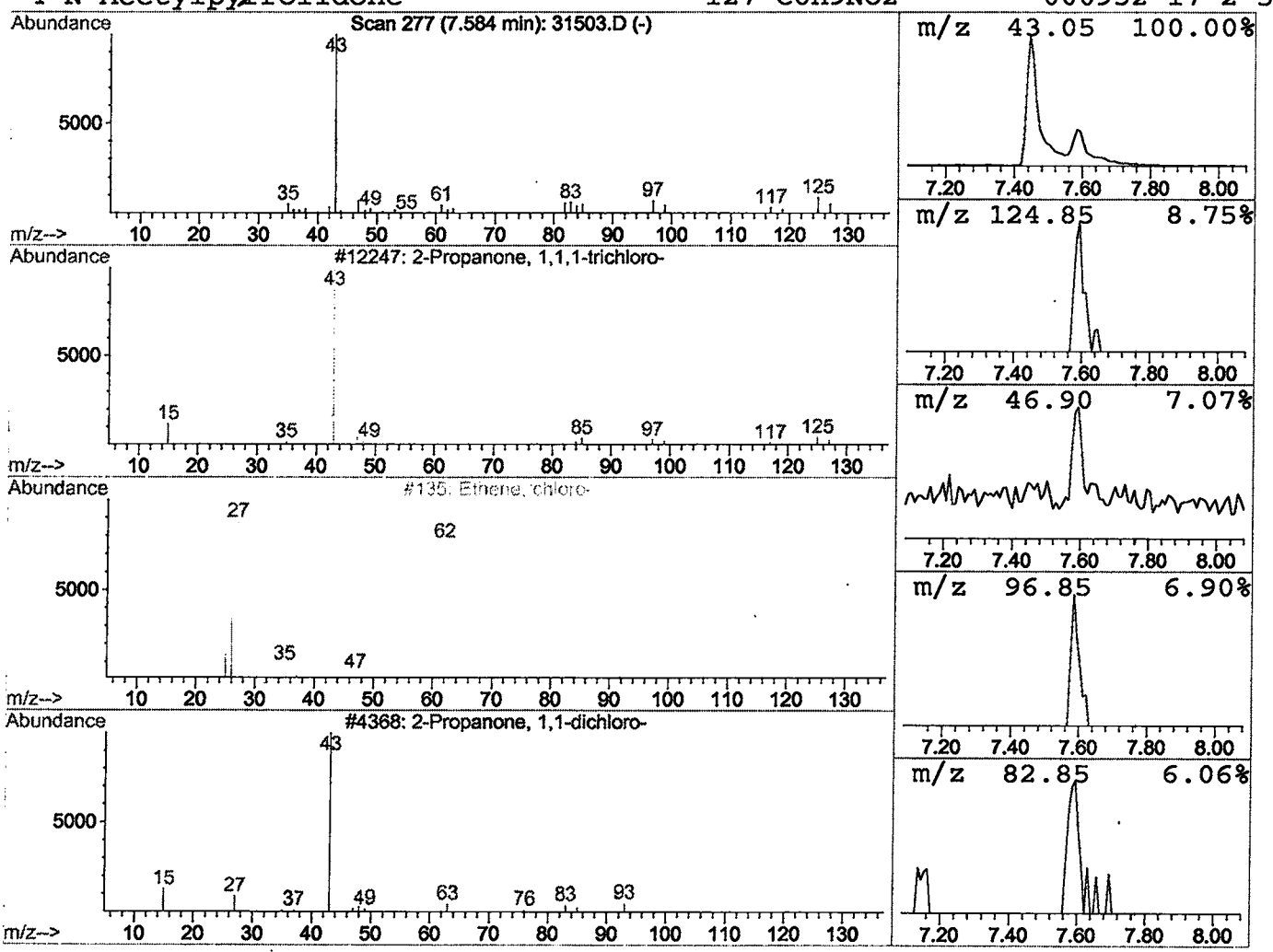
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.61 ug/l	166051	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	42
2	Ethene, chloro-	62	C2H3Cl	000075-01-4	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Jan 2002 11:26 pm
Data File: C:\HPCHEM\1\DATA\JAN1802\31503.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
1,3-Dioxolane, 2-met	7.45	3.0	ug/l	816282	ISTD01	11.50	5420000	20.0
2-Propanone, 1,1,1-t	7.58	0.6	ug/l	166051	ISTD01	11.50	5420000	20.0

31503.D GCMS0103.M Wed Feb 06 15:37:36 2002