User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/15/2002 Time: 15:09:24

Sample: AD31502
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/15/02 15:05 Ended: 2/15/02 15:05 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		5.0

Comments for Sample AD31502 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-15-2002 Time: 15:09:43

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\31502.D Vial: 8
Acq On : 18 Jan 2002 10:28 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 15:16 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	793092	20.00	ug/l	-0.03
10) Naphthalene-d8	15.09	136	3077828	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.35	164	1540801	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.77	188	2121588	20.00	ug/l	-0.03
38) Chrysene-d12	32.80	240	1287799	20.00	ug/l	-0.03
44) Perylene-d12	36.86	264	757772	20.00	ug/l	-0.03
System Monitoring Compounds						
37) 2,4-DDD	29.85	235	107935	4.43	ug/mL	-0.22
Spiked Amount 5.000			Recovery = 88.60%			
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	13.30	77	107	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	1048	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	20.73	165	185	N.D.		
25) Diethylphthalate	21.88	149	781	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\31502.D Vial: 8
Acq On : 18 Jan 2002 10:28 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 15:16 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	24.76	178	778	N.D.	
34)	Anthracene	24.76	178	778	N.D.	
35)	Di-n-butylphthalate	26.80	149	11982	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.30	149	760	N.D.	
41)	Benzo(a)anthracene	32.80	228	3538	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.10	149	14167	N.D.	
43)	Chrysene	32.80	228	3538	N.D.	
45)	Di-n-Octylphthalate	34.85	149	326	N.D.	
46)	Benzo(b)fluoranthene	35.84	252	618	N.D.	
47)	Benzo(k)fluoranthene	35.91	252	1989	N.D.	
48)	Benzo(a)pyrene	36.71	252	548	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

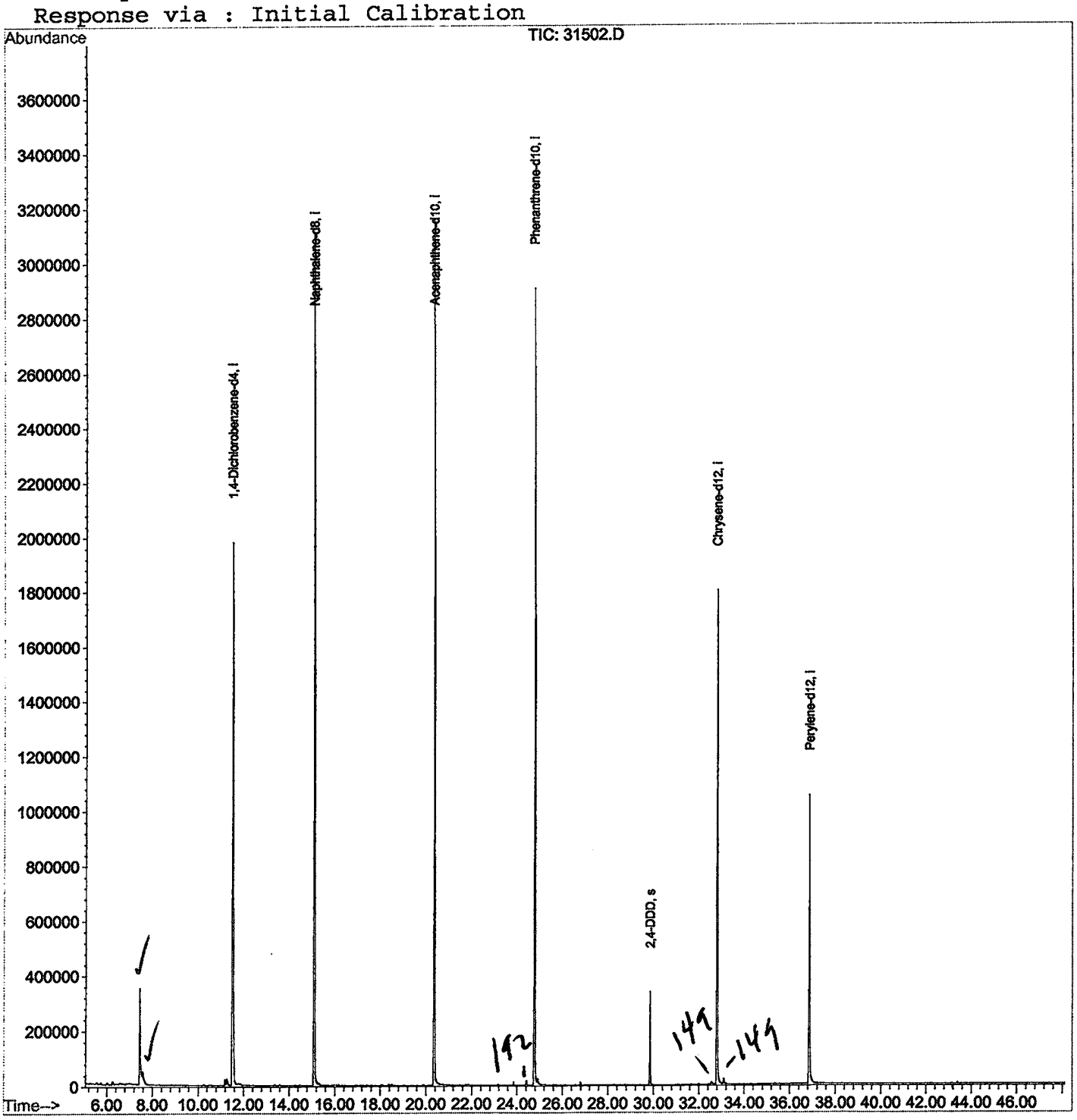
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31502.D
Acq On : 18 Jan 2002 10:28 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 6 15:16 2002

Vial: 8
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\31502.D Vial: 8
Acq On : 18 Jan 2002 10:28 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

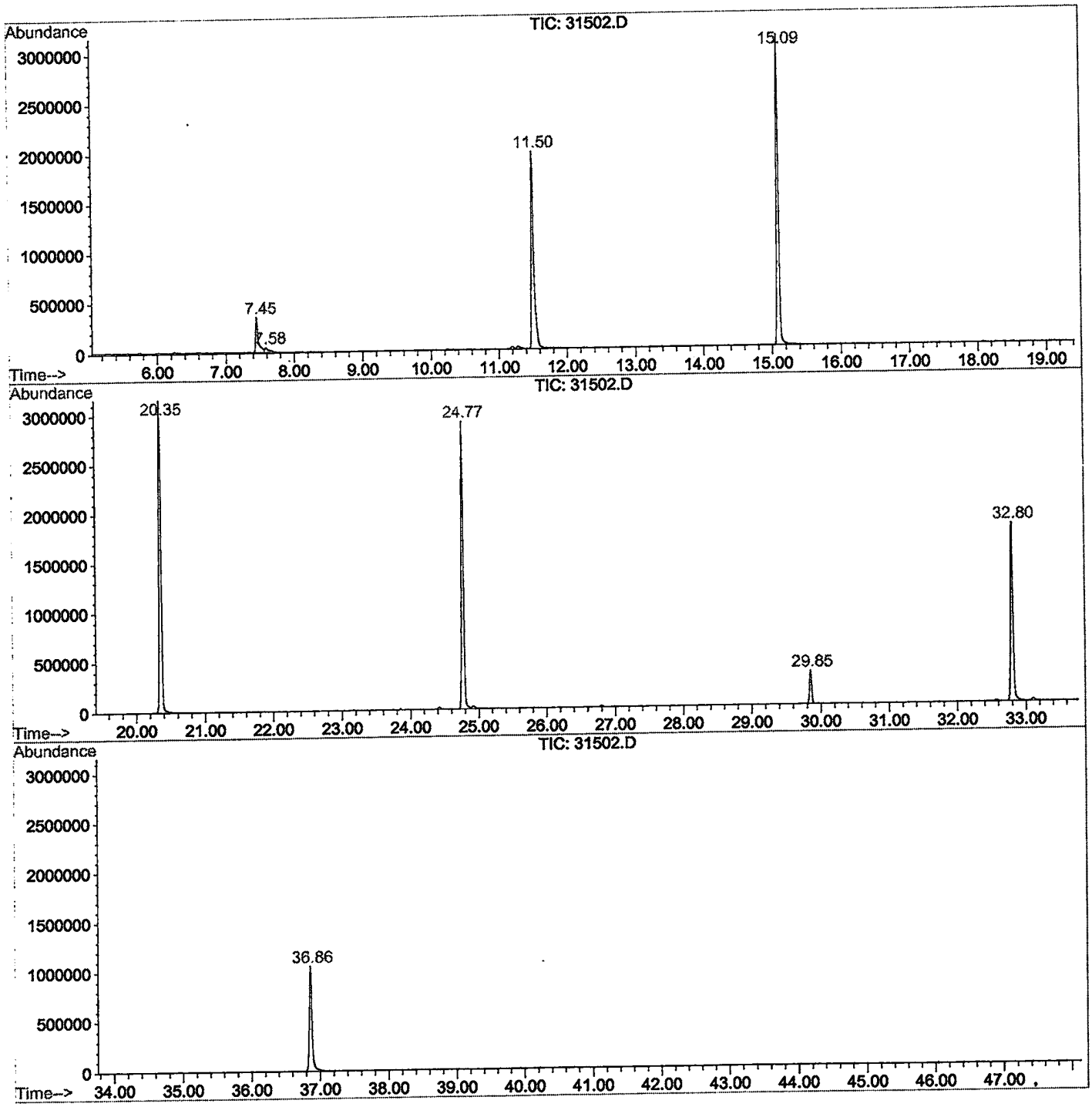
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.447	258	262	274	rBV	347168	907417	13.86%	2.759%
2	7.584	274	277	297	rVB2	45853	193920	2.96%	0.590%
3	11.495	698	703	722	rBV	1978945	5162434	78.86%	15.697%
4	15.094	1089	1095	1113	rBV	3110682	6373955	97.37%	19.380%
5	20.354	1662	1668	1684	rBV	3159433	6546068	100.00%	19.904%
6	24.770	2143	2149	2161	rBV2	2904429	5999845	91.66%	18.243%
7	29.847	2697	2702	2709	rBV2	334983	671421	10.26%	2.041%
8	32.803	3017	3024	3048	rBV	1798871	4188335	63.98%	12.735%
9	36.860	3459	3466	3488	rBV	1048024	2845531	43.47%	8.652%

Sum of corrected areas: 32888926

31502.D GCMS0103.M Wed Feb 06 15:36:24 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN1802\31502.D
Operator : 209 GALOS
Acquired : 18 Jan 2002 10:28 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/31
Misc Info :
Vial Number: 8
Quant File :GCMS0103.RES (RTE Integrator)



31502.D GCMS0103.M Wed Feb 06 15:36:30 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31502.D
Acq On : 18 Jan 2002 10:28 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

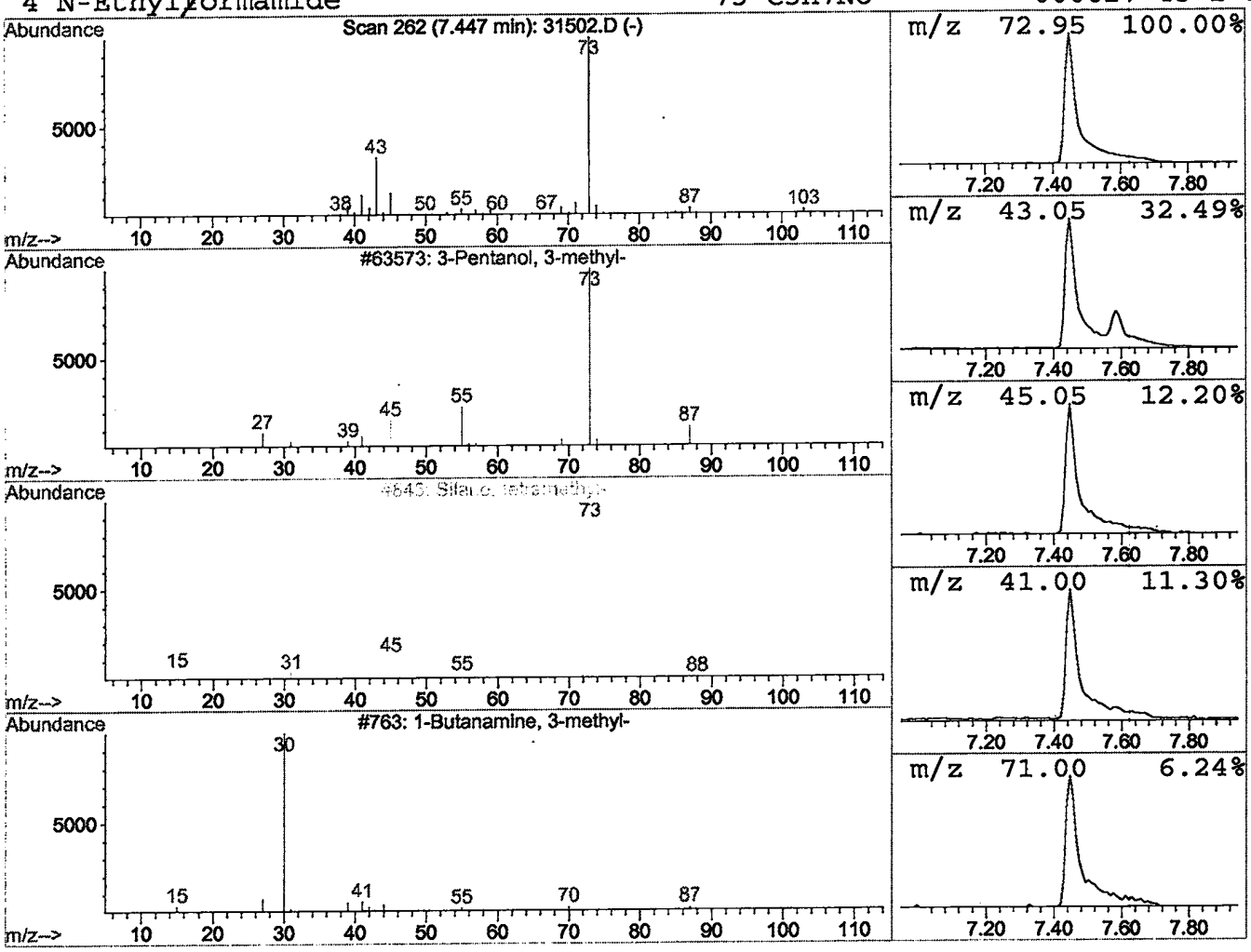
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	3.52 ug/l	907417	1,4-Dichlorobenzene-d4	11.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN1802\31502.D
Acq On : 18 Jan 2002 10:28 pm
Sample : gc/ms scan 12/31
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

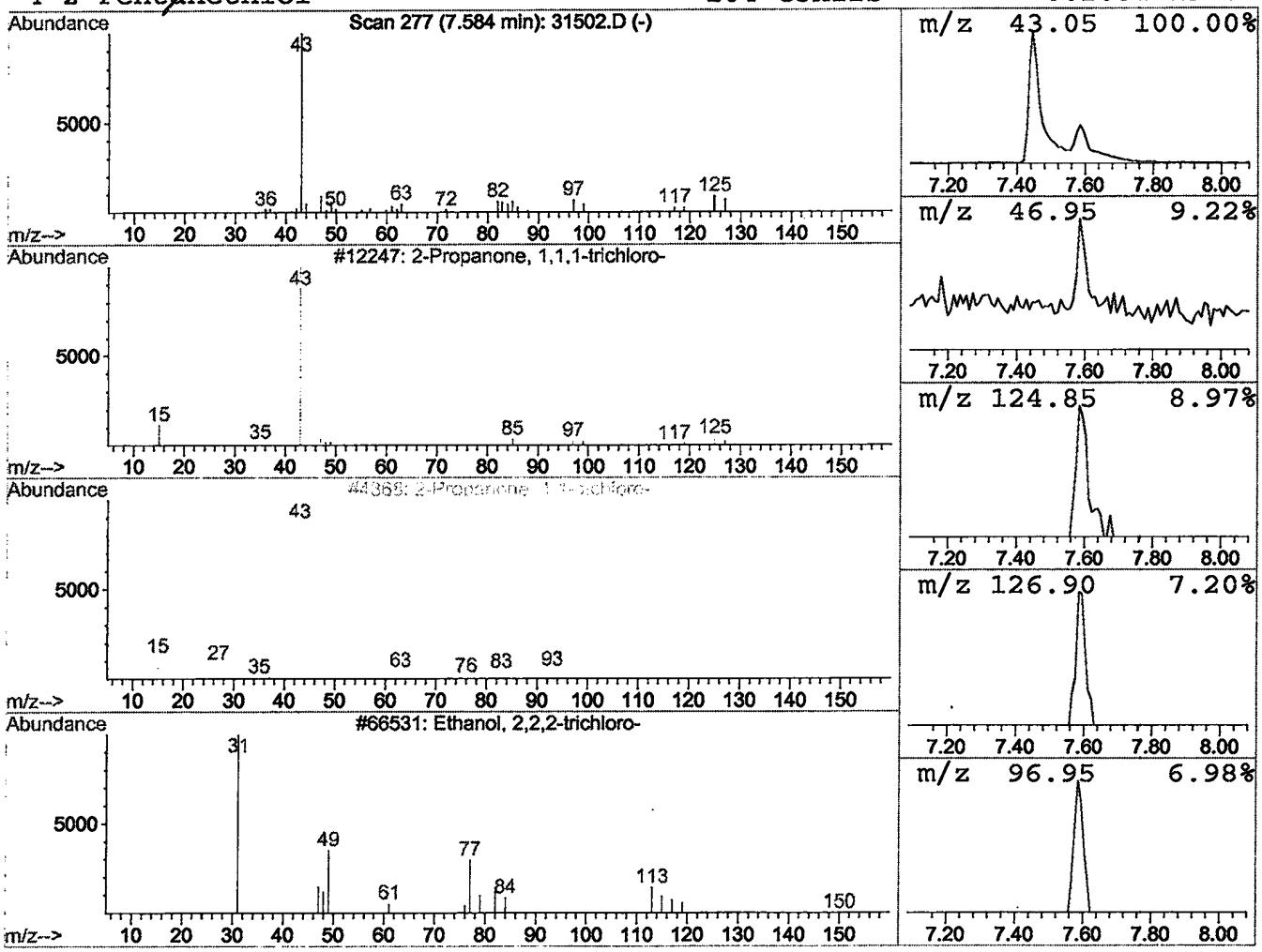
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	0.75 ug/l	193920	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	38
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
4	2-Pentanethiol	104	C5H12S	002084-19-7	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 18 Jan 2002 10:28 pm
Data File: C:\HPCHEM\1\DATA\JAN1802\31502.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
3-Pentanol, 3-methyl	7.45	3.5	ug/l	907417	ISTD01	11.50	5162430	20.0
2-Propanone, 1,1,1-t	7.58	0.8	ug/l	193920	ISTD01	11.50	5162430	20.0

31502.D GCMS0103.M Wed Feb 06 15:36:44 2002