User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/18/2002 Time: 17:17:58

Sample: AD30487
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/18/02 17:17 Ended: 1/18/02 17:17 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		93		5.0

Comments for Sample AD30487 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-18-2002 Time: 17:18:08

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30487.D Vial: 22
Acq On : 1 Jan 2002 7:21 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 8:10 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.68	152	780730	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3020681	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1574464	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2189274	20.00	ug/l	0.00
38) Chrysene-d12	33.03	240	1261715	20.00	ug/l	0.00
44) Perylene-d12	37.12	264	680064	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.07	235	111440	4.63	ug/mL	0.00
Spiked Amount 5.000			Recovery = 92.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.18	74	1040	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	15.34	128	655	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	21.24	165	176	N.D.		
25) Diethylphthalate	0.00	149	0	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\DEC3101\30487.D Vial: 22
Acq On : 1 Jan 2002 7:21 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 8:10 2002 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 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

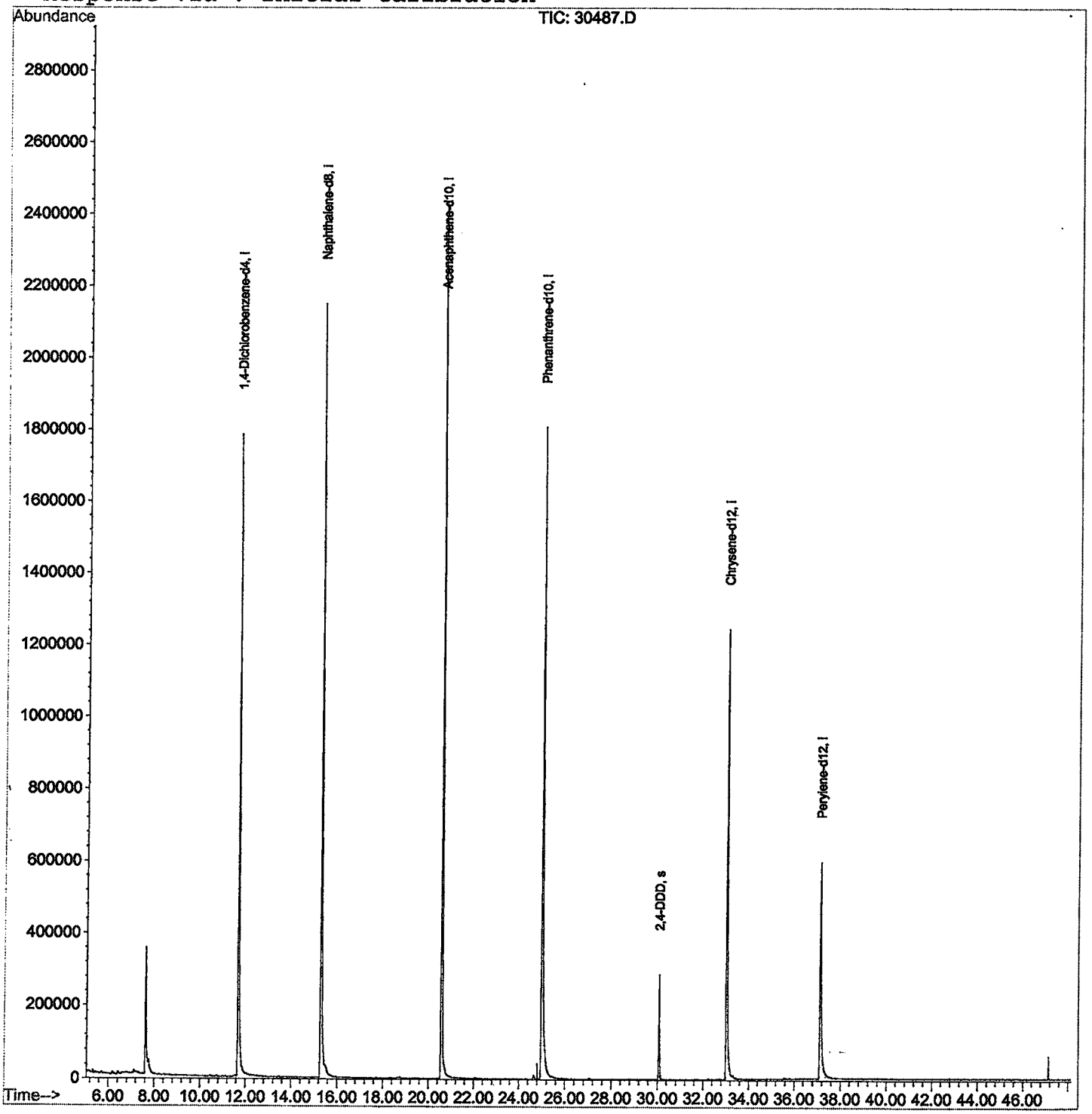
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.05	178	231	N.D.	
34) Anthracene	25.05	178	231	N.D.	
35) Di-n-butylphthalate	27.05	149	4336	N.D.	
36) Fluoranthene	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	33.02	228	3173	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	3304	N.D.	
43) Chrysene	33.02	228	3173	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	37.14	252	2449	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\30487.D Vial: 22
Acq On : 1 Jan 2002 7:21 am Operator: 209 GALOS
Sample : gcms scan 12/14a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 1 8:10 2002 Quant Results File: GCMS1126.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\DEC3101\30487.D Vial: 22
Acq On : 1 Jan 2002 7:21 am Operator: 209 GALOS
Sample : gcms scan 12/14a 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

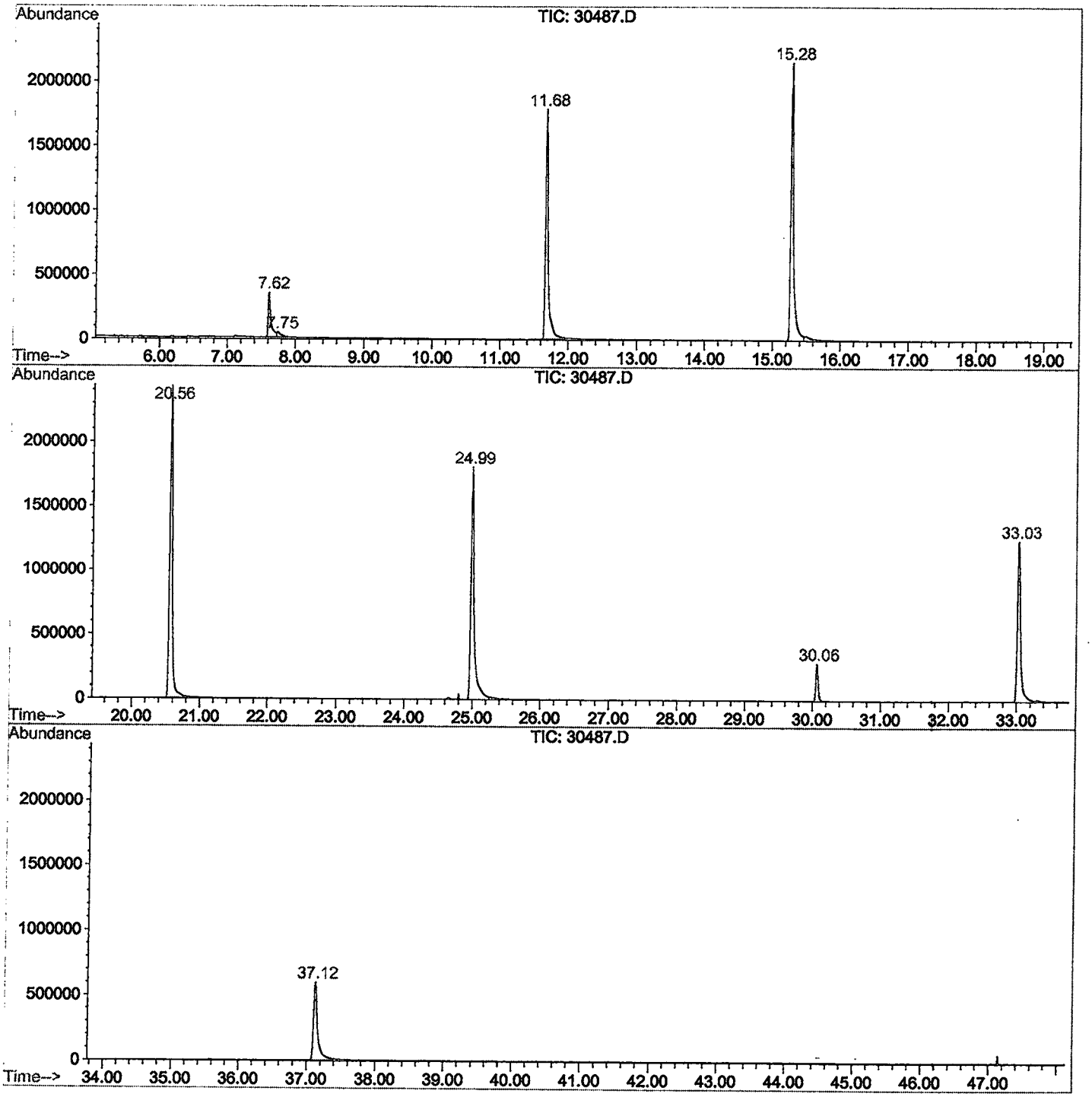
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.617	276	280	292	rBV	347750	983820	14.96%	3.095%
2	7.746	292	294	316	rVB	39357	177578	2.70%	0.559%
3	11.675	717	722	753	rBV	1781226	4864291	73.95%	15.301%
4	15.283	1109	1115	1135	rBV	2147712	5983447	90.96%	18.821%
5	20.562	1684	1690	1718	rBV	2433552	6577814	100.00%	20.691%
6	24.987	2165	2172	2201	rBV2	1806995	6043842	91.88%	19.011%
7	30.063	2720	2725	2737	rBV	286361	686855	10.44%	2.161%
8	33.029	3041	3048	3072	rBV2	1243886	4008780	60.94%	12.610%
9	37.123	3486	3494	3523	rBV2	595139	2464508	37.47%	7.752%

Sum of corrected areas: 31790935

30487.D GCMS1126.M Tue Jan 15 14:51:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30487.D
Operator : 209 GALOS
Acquired : 1 Jan 2002 7:21 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14a
Misc Info :
Vial Number: 22
Quant File :GCMS1126.RES (RTE Integrator)



30487.D GCMS1126.M Tue Jan 15 14:52:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30487.D
Acq On : 1 Jan 2002 7:21 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

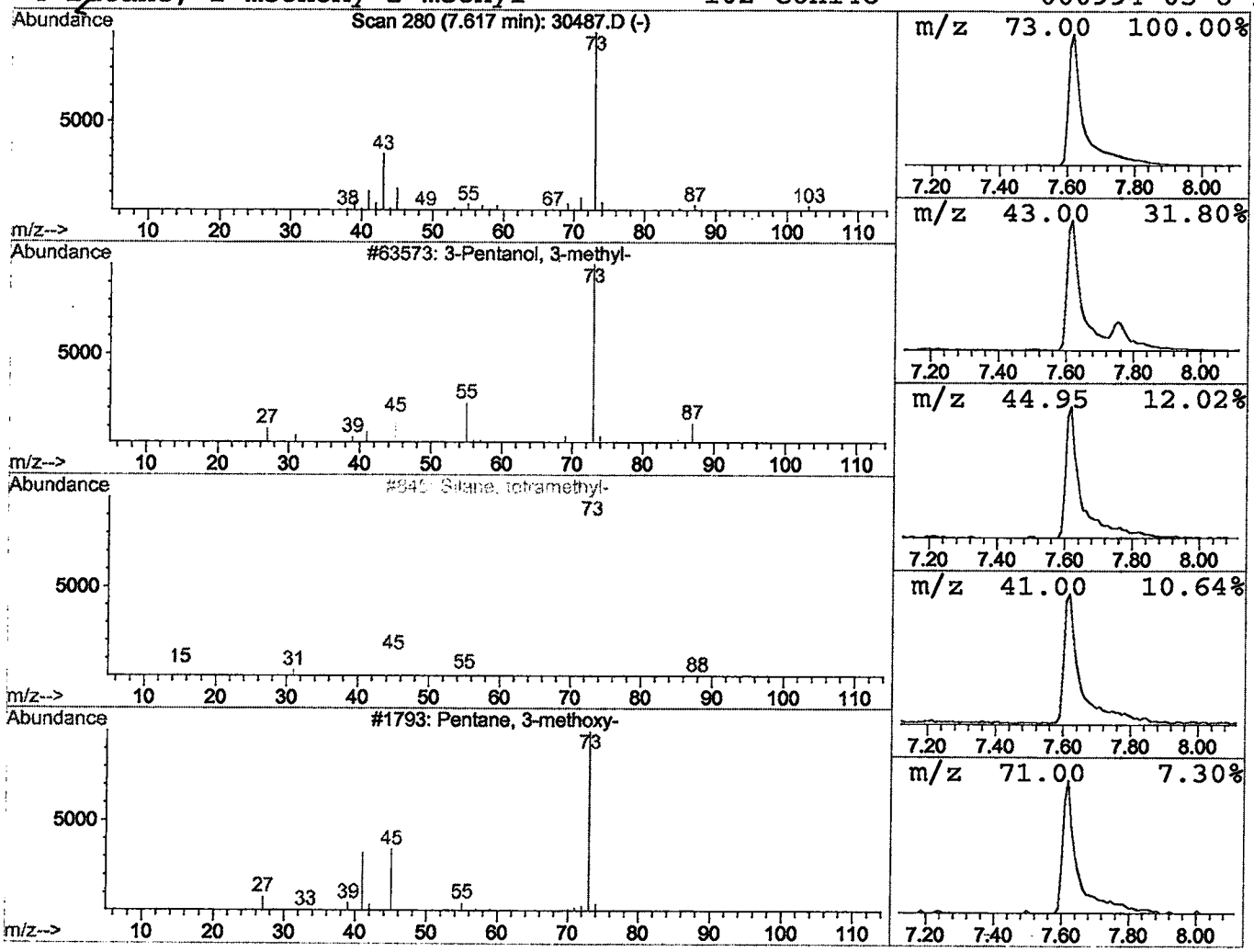
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	4.05 ug/l	983820	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30487.D
Acq On : 1 Jan 2002 7:21 am
Sample : gcms scan 12/14a
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

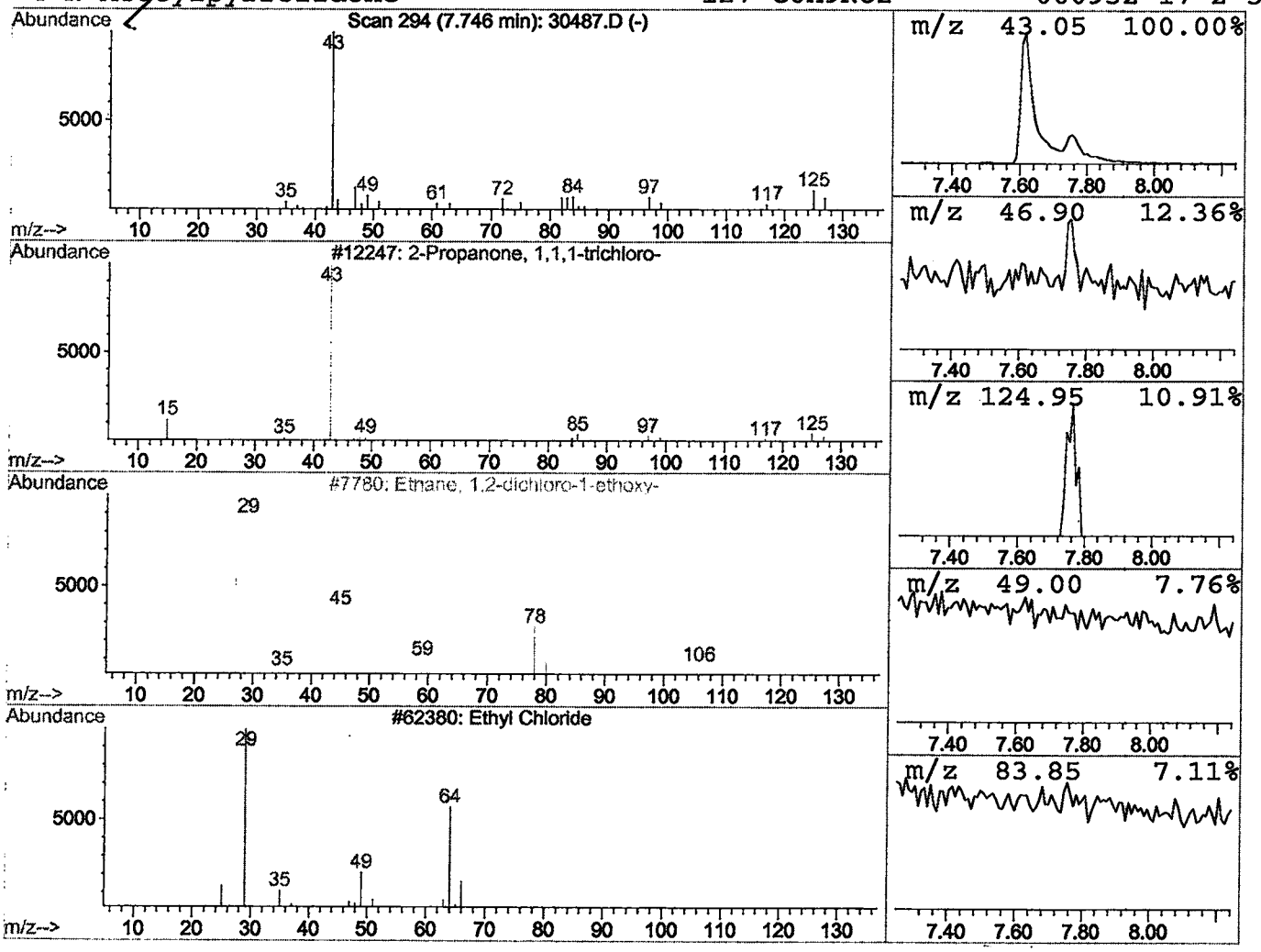
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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	177578	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	50
2	Ethane, 1,2-dichloro-1-ethoxy-	142	C4H8Cl2O	000623-46-1	9
3	Ethyl Chloride	64	C2H5Cl	000075-00-3	7
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Jan 2002 7:21 am
Data File: C:\HPCHEM\1\DATA\DEC3101\30487.D
Name: gcms scan 12/14a
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
3-Pentanol, 3-methyl	7.62	4.0	ug/l	983820	ISTD01	11.68	4864290	20.0
2-Propanone, 1,1,1-t	7.75	0.7	ug/l	177578	ISTD01	11.68	4864290	20.0

30487.D GCMS1126.M Tue Jan 15 14:52:13 2002