User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/24/2002 Time: 15:46:36

Sample: AD30472
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/24/02 15:46 Ended: 1/24/02 15:46 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		108		5.0

Comments for Sample AD30472 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-24-2002 Time: 15:46:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
The recoveries for 4 of the 43 compounds in the LCS Standard were above their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC3101\30472.D Vial: 7
Acq On : 31 Dec 2001 4:48 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:14 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	889381	20.00	ug/l	-0.02
10) Naphthalene-d8	15.28	136	3469619	20.00	ug/l	-0.02
17) Acenaphthene-d10	20.56	164	1770764	20.00	ug/l	-0.01
29) Phenanthrene-d10	24.99	188	2522487m	20.00	ug/l	0.00
38) Chrysene-d12	33.02	240	1584285	20.00	ug/l	-0.01
44) Perylene-d12	37.12	264	902153	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	30.06	235	150414	5.42	ug/mL	0.00
Spiked Amount 5.000			Recovery = 108.40%			
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	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	0.00	128	0	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	21.30	165	198	N.D.		
25) Diethylphthalate	22.15	149	2017	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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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

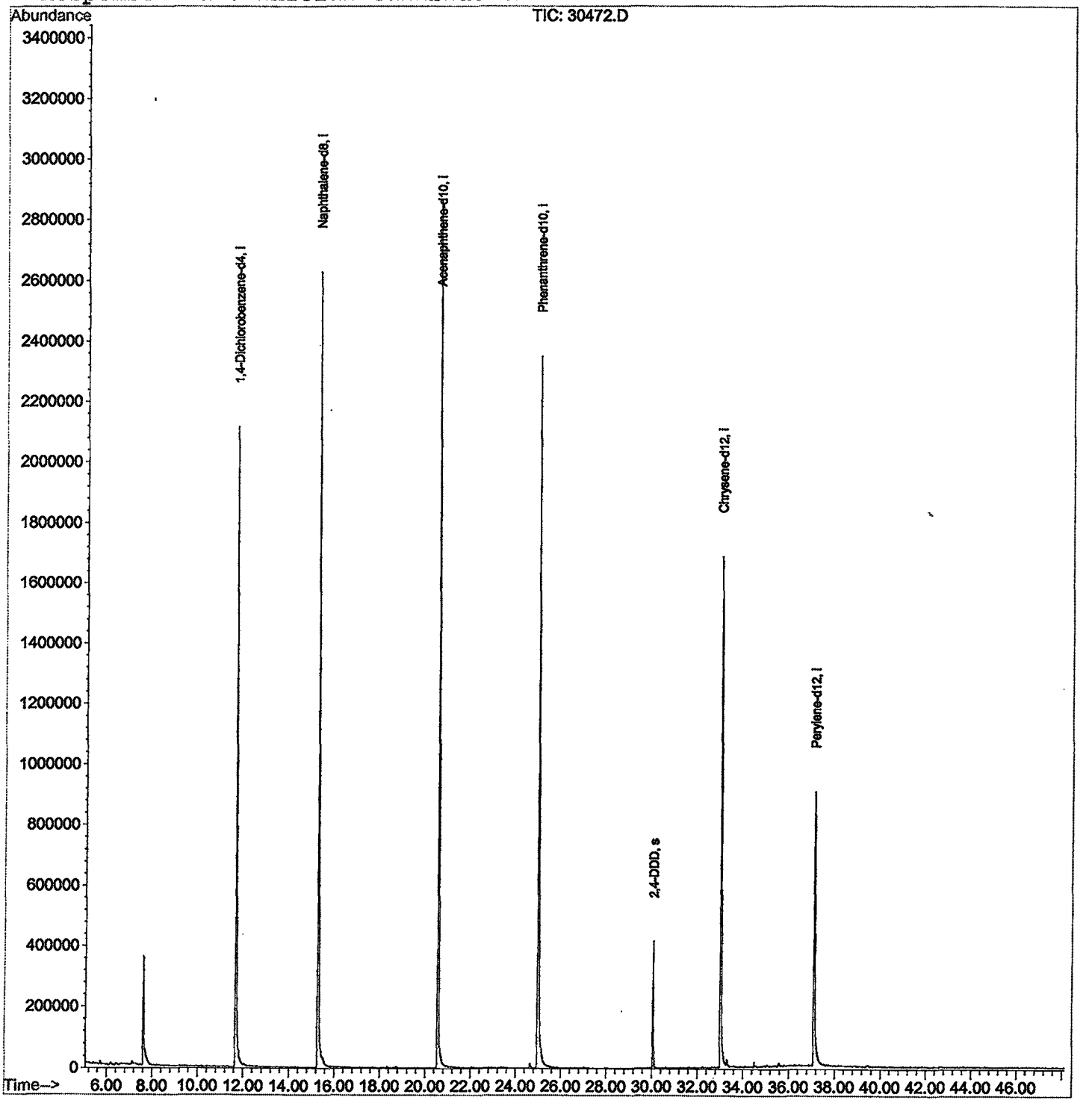
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.00	178	789	N.D.	
34)	Anthracene	25.00	178	789	N.D.	
35)	Di-n-butylphthalate	27.03	149	6398	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.51	149	479	N.D.	
41)	Benzo(a)anthracene	33.02	228	5334	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	13715	N.D.	
43)	Chrysene	33.02	228	5334	N.D.	
45)	Di-n-Octylphthalate	35.07	149	1221	N.D.	
46)	Benzo(b)fluoranthene	36.10	252	463	N.D.	
47)	Benzo(k)fluoranthene	36.10	252	703	N.D.	
48)	Benzo(a)pyrene	37.12	252	3979	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\30472.D Vial: 7
Acq On : 31 Dec 2001 4:48 pm Operator: 209 GALOS
Sample : gcms scan 12/14 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:14 2002 Quant Results File: GCMS1126.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30472.D Vial: 7
Acq On : 31 Dec 2001 4:48 pm Operator: 209 GALOS
Sample : gcms scan 12/14 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

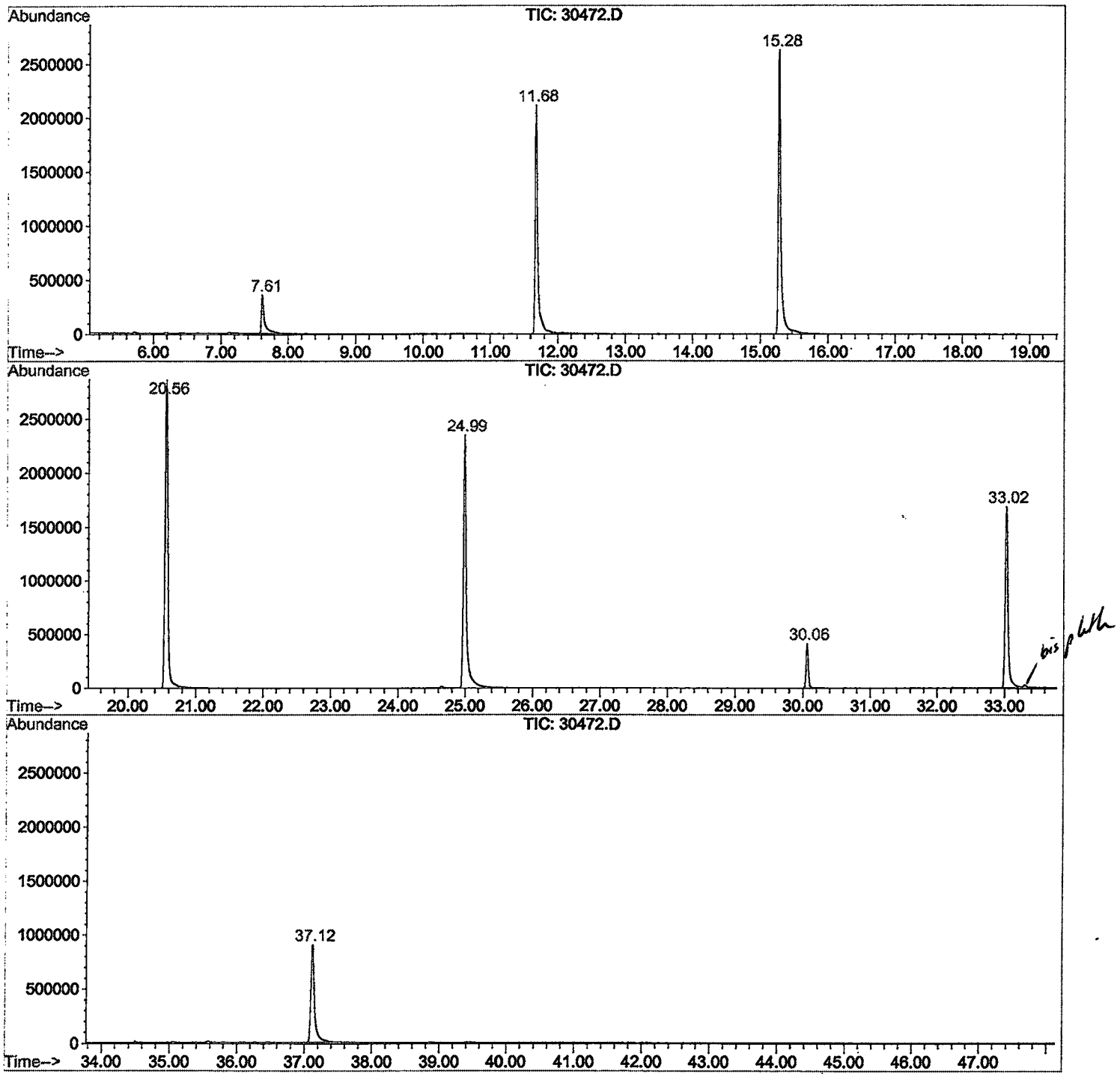
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.608	275	279	310	rBV	357231	1173824	15.76%	3.124%
2	11.675	717	722	758	rBV	2113007	5576364	74.88%	14.843%
3	15.283	1109	1115	1135	rBV	2625811	6874784	92.31%	18.298%
4	20.562	1684	1690	1716	rBV	2866193	7447172	100.00%	19.822%
5	24.987	2165	2172	2205	rBV	2349692	7163265	96.19%	19.066%
6	30.063	2719	2725	2735	rBV	415205	927651	12.46%	2.469%
7	33.019	3040	3047	3067	rBV2	1684981	5066444	68.03%	13.485%
8	37.123	3486	3494	3521	rBV2	899629	3340710	44.86%	8.892%

Sum of corrected areas: 37570214

30472.D GCMS1126.M Wed Jan 16 08:23:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC3101\30472.D
Operator : 209 GALOS
Acquired : 31 Dec 2001 4:48 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/14
Misc Info :
Vial Number: 7
Quant File :GCMS1126.RES (RTE Integrator)



30472.D GCMS1126.M Wed Jan 16 08:23:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC3101\30472.D
Acq On : 31 Dec 2001 4:48 pm
Sample : gcms scan 12/14
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

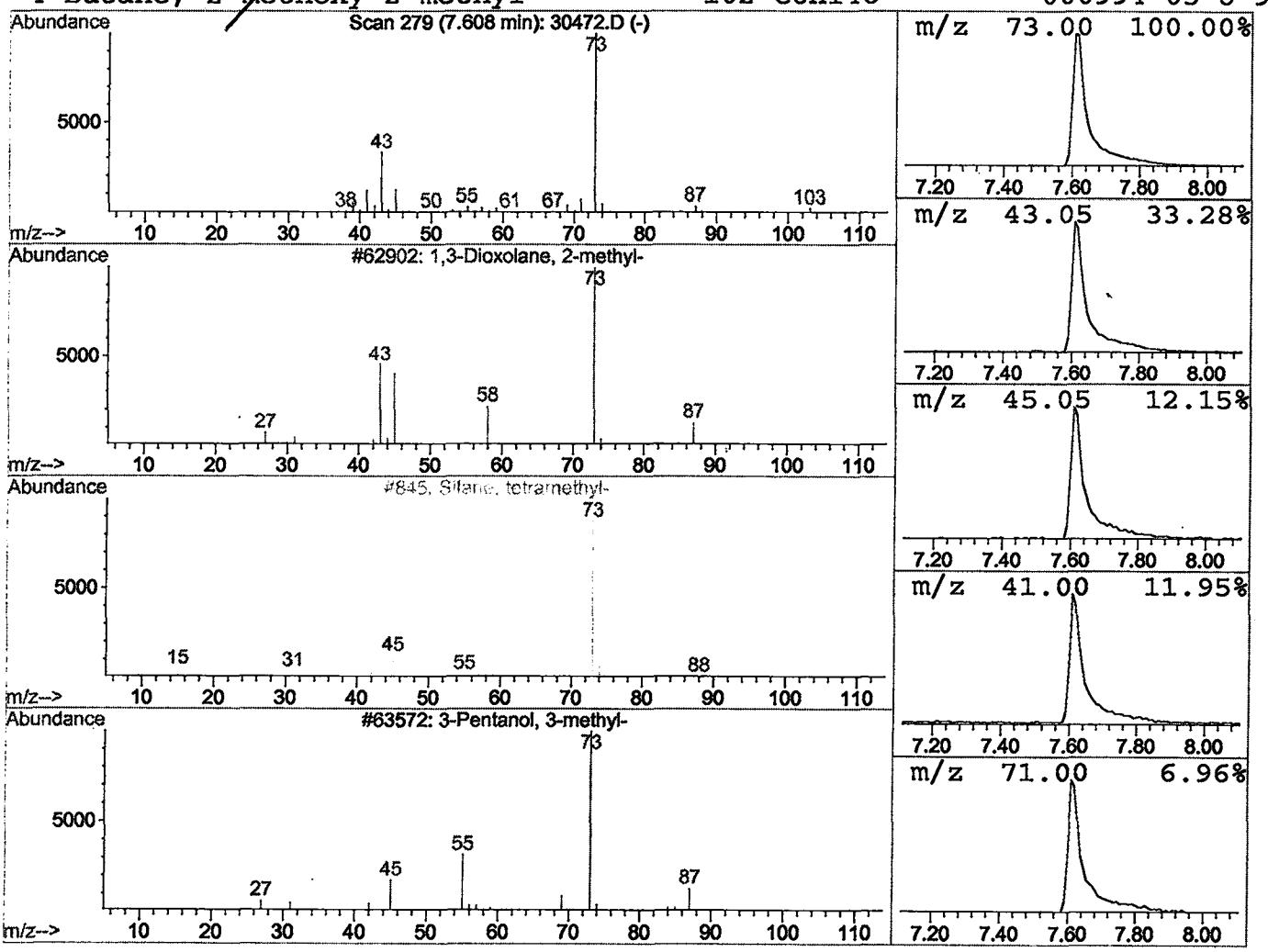
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.61	4.21 ug/l	1173820	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Dec 2001 4:48 pm
Data File: C:\HPCHEM\1\DATA\DEC3101\30472.D
Name: gcms scan 12/14
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
1,3-Dioxolane, 2-met	7.61	4.2	ug/l	1173820	ISTD01	11.68	5576360	20.0

30472.D GCMS1126.M Wed Jan 16 08:23:50 2002