User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/22/2002 Time: 10:14:53

Sample: AD29292
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/22/02 10:14 Ended: 1/22/02 10:14 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		5.0

Comments for Sample AD29292 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-22-2002 Time: 10:14:59

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was above its acceptance range.

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29292.D Vial: 23
Acq On : 4 Jan 2002 7:58 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 8:47 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	11.52	152	626108	20.00	ug/l	-0.17
10) Naphthalene-d8	15.12	136	2443906	20.00	ug/l	-0.18
17) Acenaphthene-d10	20.38	164	1218288	20.00	ug/l	-0.19
29) Phenanthrene-d10	24.80	188	1661523	20.00	ug/l	-0.19
38) Chrysene-d12	32.83	240	904369	20.00	ug/l	-0.20
44) Perylene-d12	36.90	264	521593	20.00	ug/l	-0.22
System Monitoring Compounds						
37) 2,4-DDD	29.89	235	77964	4.27	ug/mL	-0.18
Spiked Amount 5.000			Recovery = 85.40%			
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	15.18	128	1612	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	20.68	165	180	N.D.		
25) Diethylphthalate	21.93	149	414	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
29292.D GCMS0103.M Thu Jan 10 12:14:35 2002 Page 1

Quantitation Report (Not Reviewed)

Data File : C:\HPCHEM\1\DATA\JAN0302\29292.D Vial: 23
Acq On : 4 Jan 2002 7:58 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 8:47 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

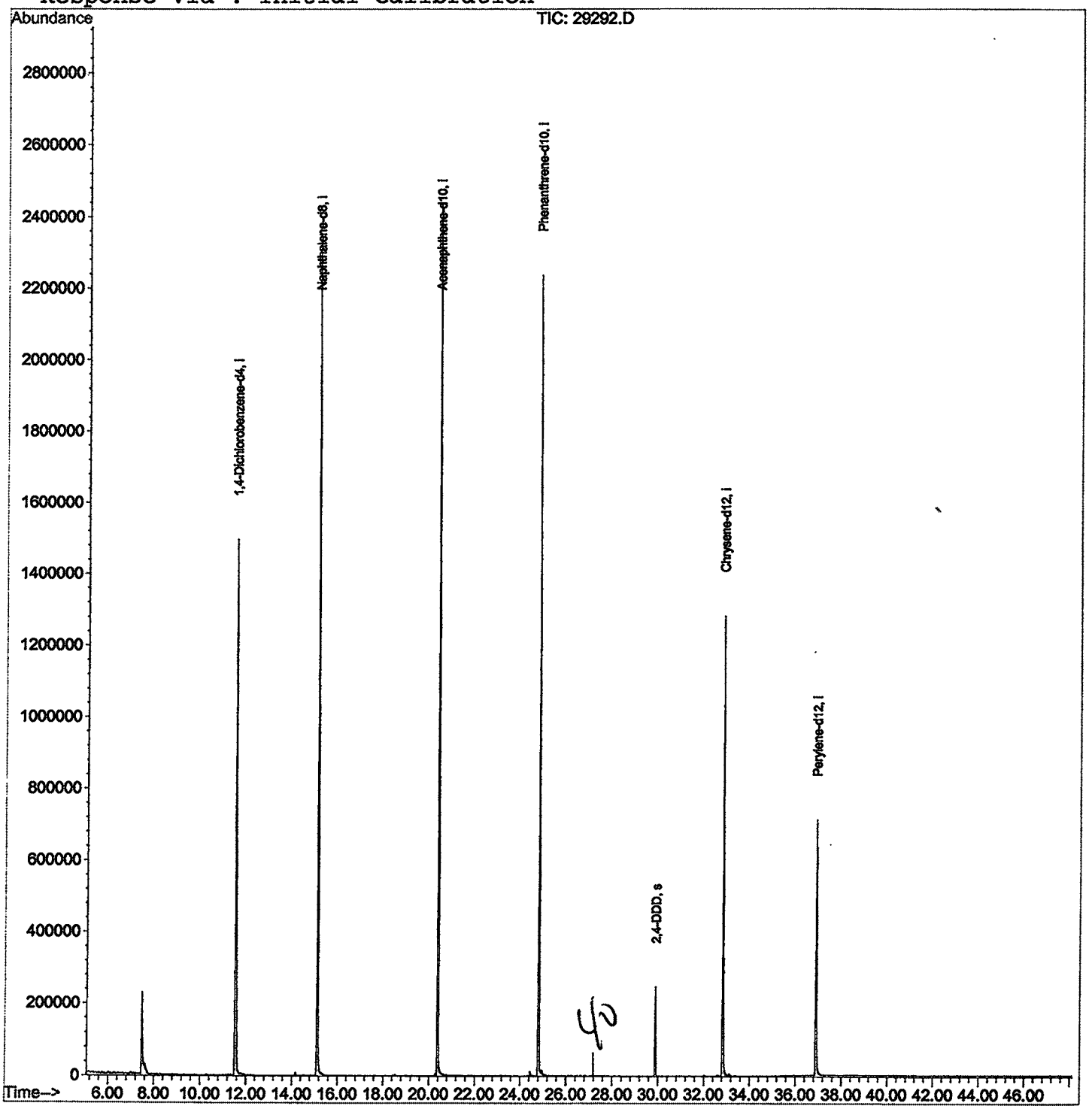
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.86	178	469	N.D.	
34)	Anthracene	24.86	178	469	N.D.	
35)	Di-n-butylphthalate	26.83	149	2878	N.D.	
36)	Fluoranthene	28.50	202	321	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	32.83	228	2788	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	2372	N.D.	
43)	Chrysene	32.90	228	1695	N.D.	
45)	Di-n-Octylphthalate	34.87	149	578	N.D.	
46)	Benzo(b)fluoranthene	35.94	252	1962	N.D.	
47)	Benzo(k)fluoranthene	35.89	252	837	N.D.	
48)	Benzo(a)pyrene	36.74	252	214	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\JAN0302\29292.D Vial: 23
Acq On : 4 Jan 2002 7:58 am Operator: 209 GALOS
Sample : gcms scan 1/2 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 4 8:47 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\JAN0302\29292.D Vial: 23
Acq On : 4 Jan 2002 7:58 am Operator: 209 GALOS
Sample : gcms scan 1/2 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

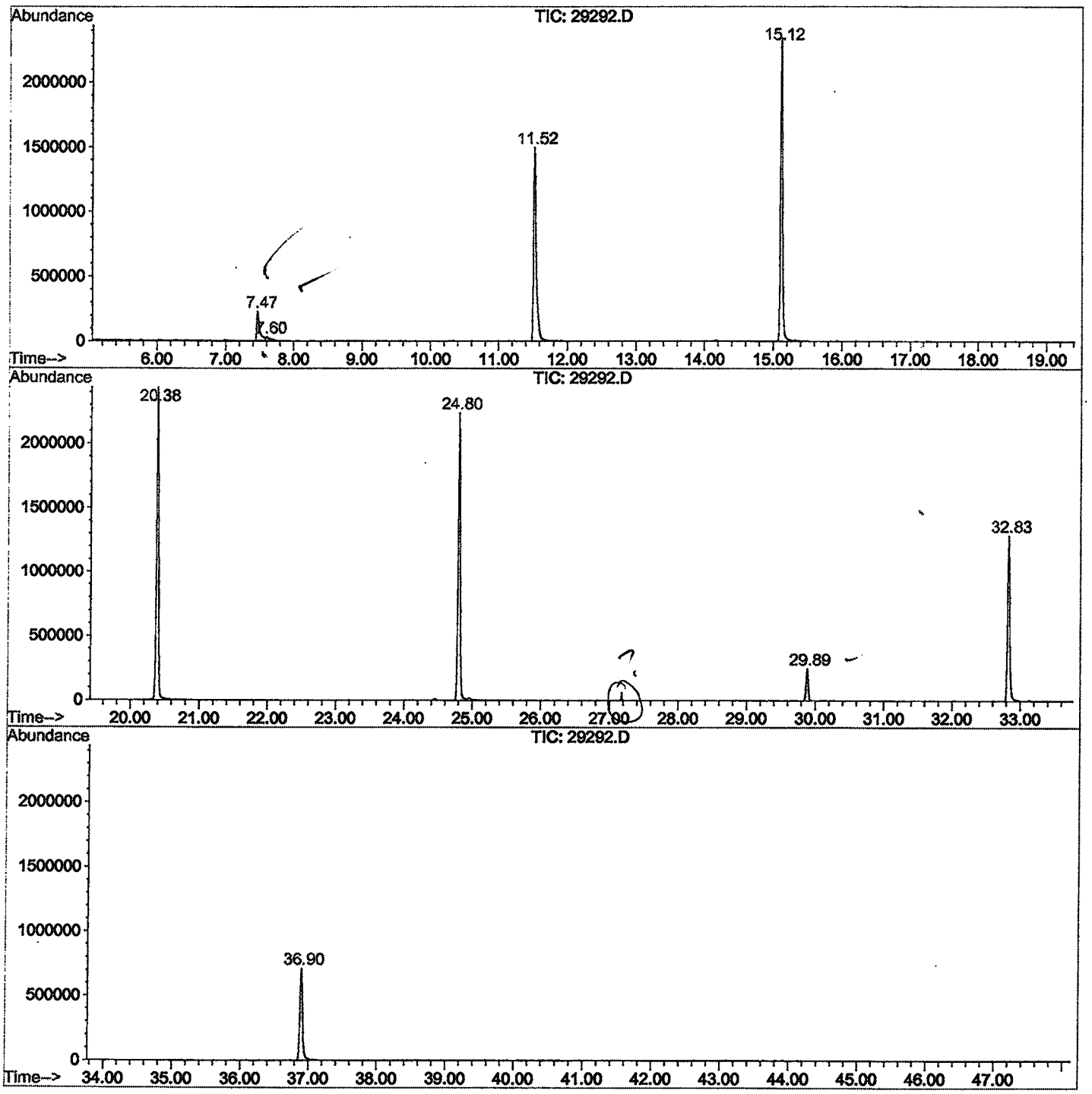
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.467	260	264	276	rBV	225530	620350	12.11%	2.507%
2	7.605	277	279	297	rVB	27977	111315	2.17%	0.450%
3	11.525	701	706	727	rBV	1494891	3906740	76.27%	15.790%
4	15.123	1092	1098	1117	rBV	2342467	4987949	97.38%	20.160%
5	20.384	1665	1671	1698	rBV	2436730	5122402	100.00%	20.704%
6	24.800	2146	2152	2165	rBV2	2235924	4674558	91.26%	18.893%
7	29.885	2700	2706	2715	rBV	246609	486485	9.50%	1.966%
8	32.832	3021	3027	3041	rBV2	1281961	2912394	56.86%	11.771%
9	36.899	3463	3470	3484	rBV	709621	1919514	37.47%	7.758%

Sum of corrected areas: 24741707

29292.D GCMS0103.M Fri Jan 11 08:30:13 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0302\29292.D
Operator : 209 GALOS
Acquired : 4 Jan 2002 7:58 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 1/2
Misc Info :
Vial Number: 23
Quant File :GCMS1126.RES (RTE Integrator)



29292.D GCMS0103.M Fri Jan 11 08:30:19 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29292.D
Acq On : 4 Jan 2002 7:58 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

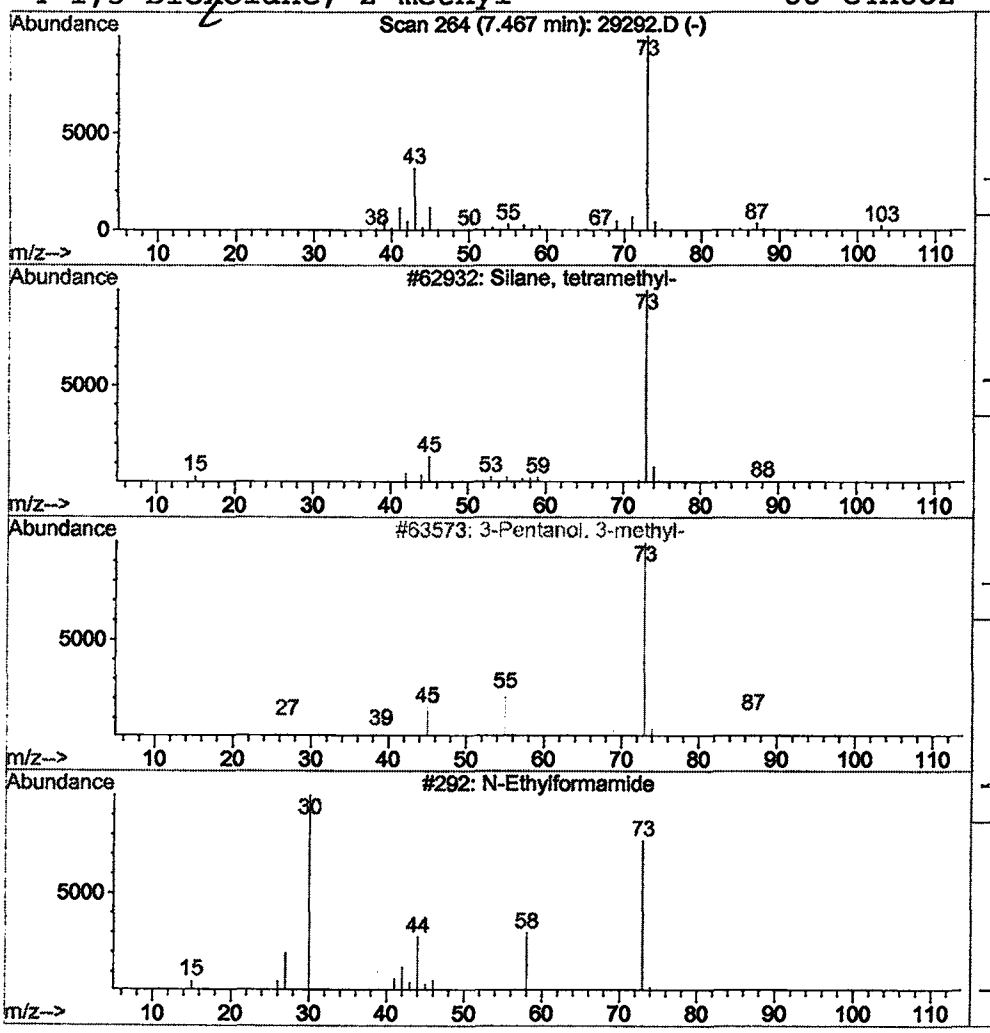
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

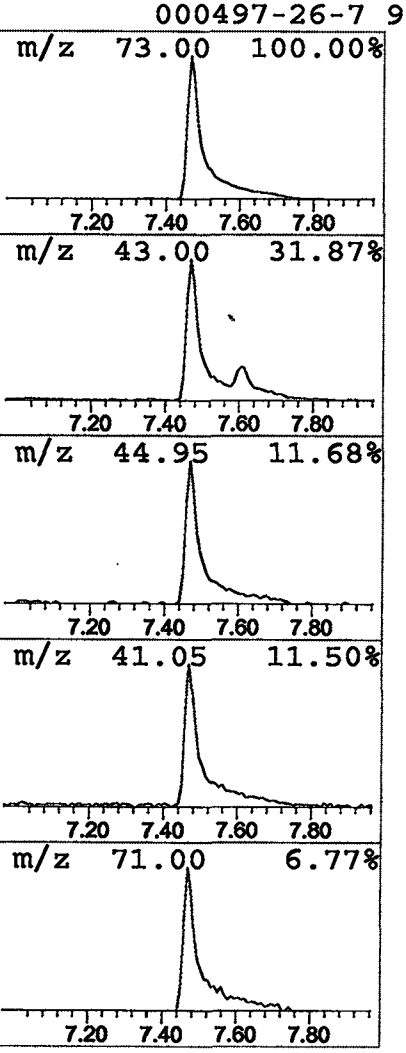
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.18 ug/l	620350	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	47
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0302\29292.D
Acq On : 4 Jan 2002 7:58 am
Sample : gcms scan 1/2
Misc :
MS Integration Params: LSCINT.P

Vial: 23
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

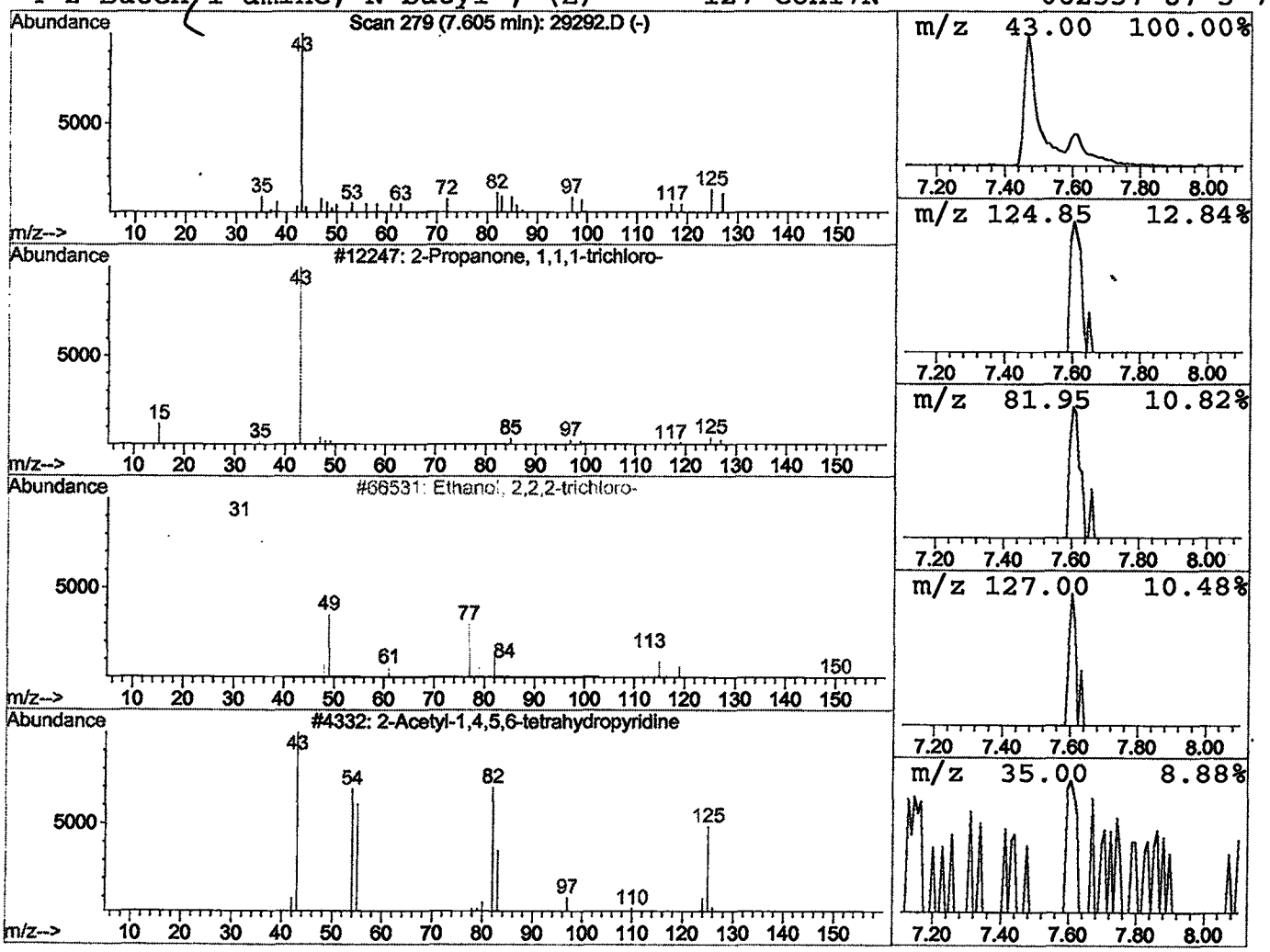
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	0.57 ug/l	111315	1,4-Dichlorobenzene-d4	11.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	50
2	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	7
4	2-Buten-1-amine, N-butyl-, (Z)-	127	C8H17N	062337-87-5	7



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 4 Jan 2002 7:58 am
Data File: C:\HPCHEM\1\DATA\JAN0302\29292.D
Name: gcms scan 1/2
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
Silane, tetramethyl-	7.47	3.2	ug/l	620350	ISTD01	11.52	3906740	20.0
2-Propanone, 1,1,1-t	7.60	0.6	ug/l	111315	ISTD01	11.52	3906740	20.0

29292.D GCMS0103.M Fri Jan 11 08:30:33 2002