Comments for Sample AD29024 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-18-2001 Time: 12:58:11

The GCMS scan, from 35 to 550 amu, does not reveal the presence of any unusual compounds, except for bis(2-Ethylhexyl)phthalate at an estimated level of 0.44 ug/L.

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 12:56:39

Sample: AD29024
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 12:53 Ended: 12/18/01 12:53 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		84		5.0

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1001\29024.D Vial: 31
Acq On : 11 Dec 2001 5:56 pm Operator: 209, GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:36 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	974270	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3742211	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1871196	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2651358	20.00	ug/l	-0.01
38) Chrysene-d12	33.01	240	1664211	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1125675	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	133255	4.22	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 84.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	394	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	13.49	82	110	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	15.33	128	940	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	21.27	165	181	N.D.		
25) Diethylphthalate	22.09	149	1099	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\DEC1001\29024.D Vial: 31
Acq On : 11 Dec 2001 5:56 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:36 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Nov 28 15:06:24 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

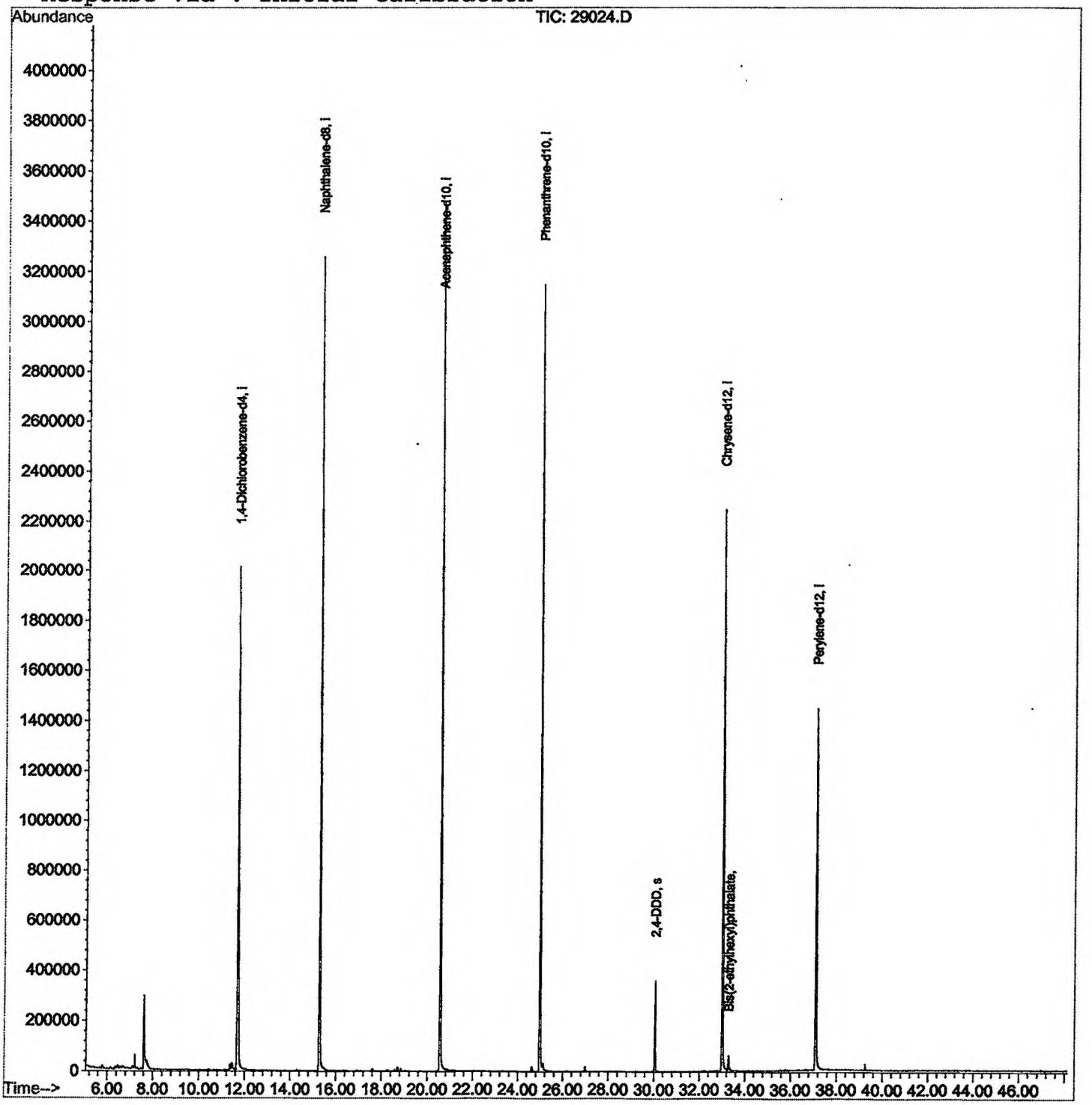
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	25.05	178	195	N.D.	
34)	Anthracene	25.05	178	195	N.D.	
35)	Di-n-butylphthalate	26.99	149	24953	N.D.	
36)	Fluoranthene	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	33.01	228	4208	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	44422	0.44 ug/l	99
43)	Chrysene	33.01	228	4208	N.D.	
45)	Di-n-Octylphthalate	35.03	149	180	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	37.10	252	4318	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\DEC1001\29024.D Vial: 31
Acq On : 11 Dec 2001 5:56 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 12 15:36 2001 Quant Results File: GCMS1126.RES

Method : M:\INSTRU~1\209\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Fri Oct 12 09:04:47 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29024.D Vial: 31
Acq On : 11 Dec 2001 5:56 pm Operator: 209 GALOS
Sample : gc/ms scan 11/30a 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

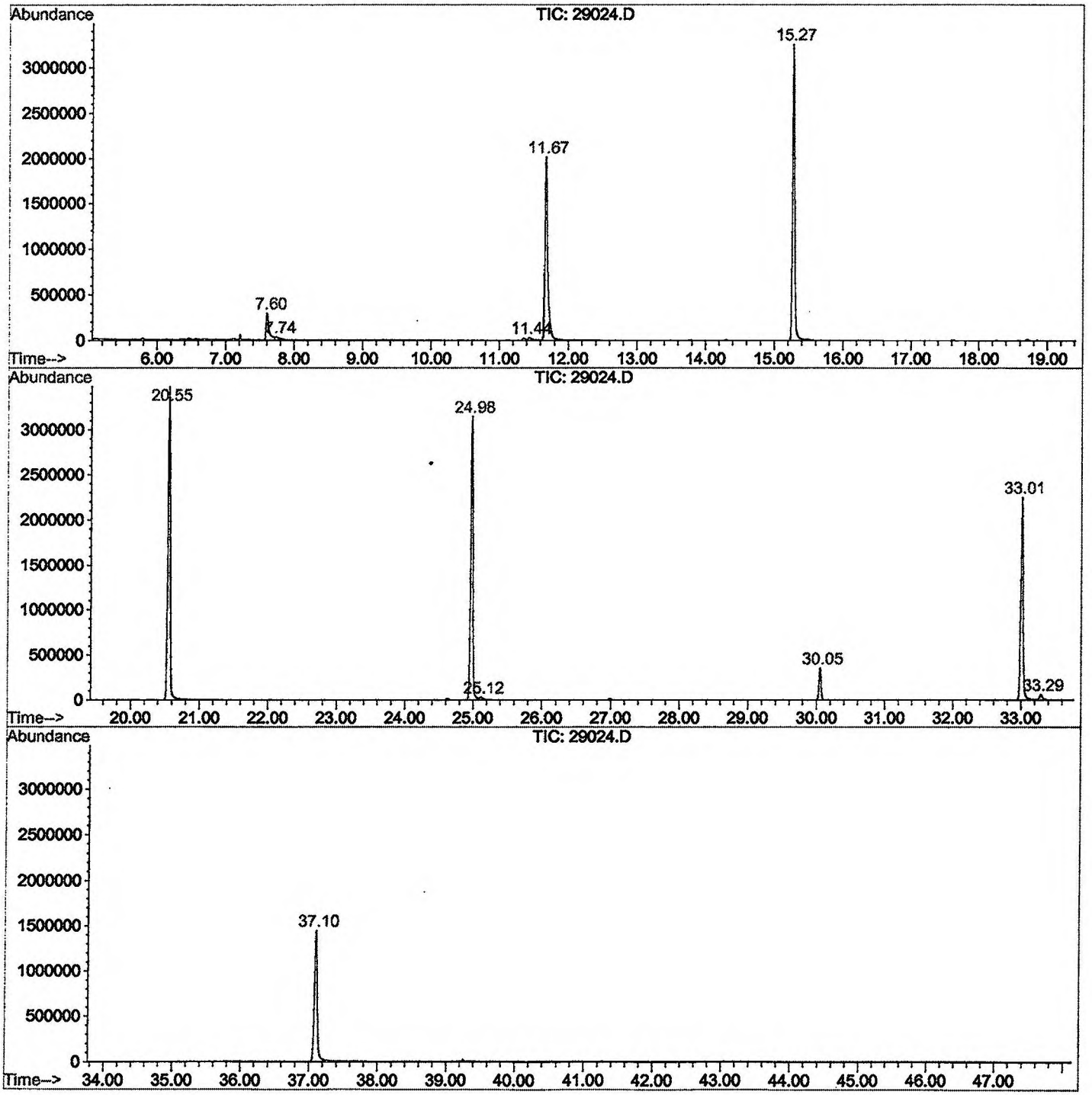
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.599	274	278	291	rBV	292572	809460	10.58%	2.098%
2	7.736	291	293	313	rVB	31674	134453	1.76%	0.349%
3	11.436	692	696	709	rVB	26873	91954	1.20%	0.238%
4	11.675	716	722	746	rBV	2010649	5443043	71.13%	14.110%
5	15.273	1109	1114	1132	rBV	3255397	7053921	92.18%	18.285%
6	20.552	1683	1689	1706	rBV	3479411	7652457	100.00%	19.837%
7	24.977	2164	2171	2183	rBV2	3146308	7050312	92.13%	18.276%
8	25.124	2183	2187	2201	rVB	28838	96567	1.26%	0.250%
9	30.054	2718	2724	2735	rBV	356756	742066	9.70%	1.924%
10	33.010	3039	3046	3068	rBV2	2244690	5215014	68.15%	13.518%
11	33.294	3071	3077	3091	rVB	58793	176762	2.31%	0.458%
12	37.104	3484	3492	3508	rBV	1440165	4111000	53.72%	10.657%

Sum of corrected areas: 38577009

29024.D GCMS1126.M Wed Dec 12 15:44:00 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1001\29024.D
Operator : 209 GALOS
Acquired : 11 Dec 2001 5:56 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/ms scan 11/30a
Misc Info :
Vial Number: 31
Quant File :GCMS1126.RES (RTE Integrator)



29024.D GCMS1126.M Wed Dec 12 15:44:06 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29024.D
Acq On : 11 Dec 2001 5:56 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

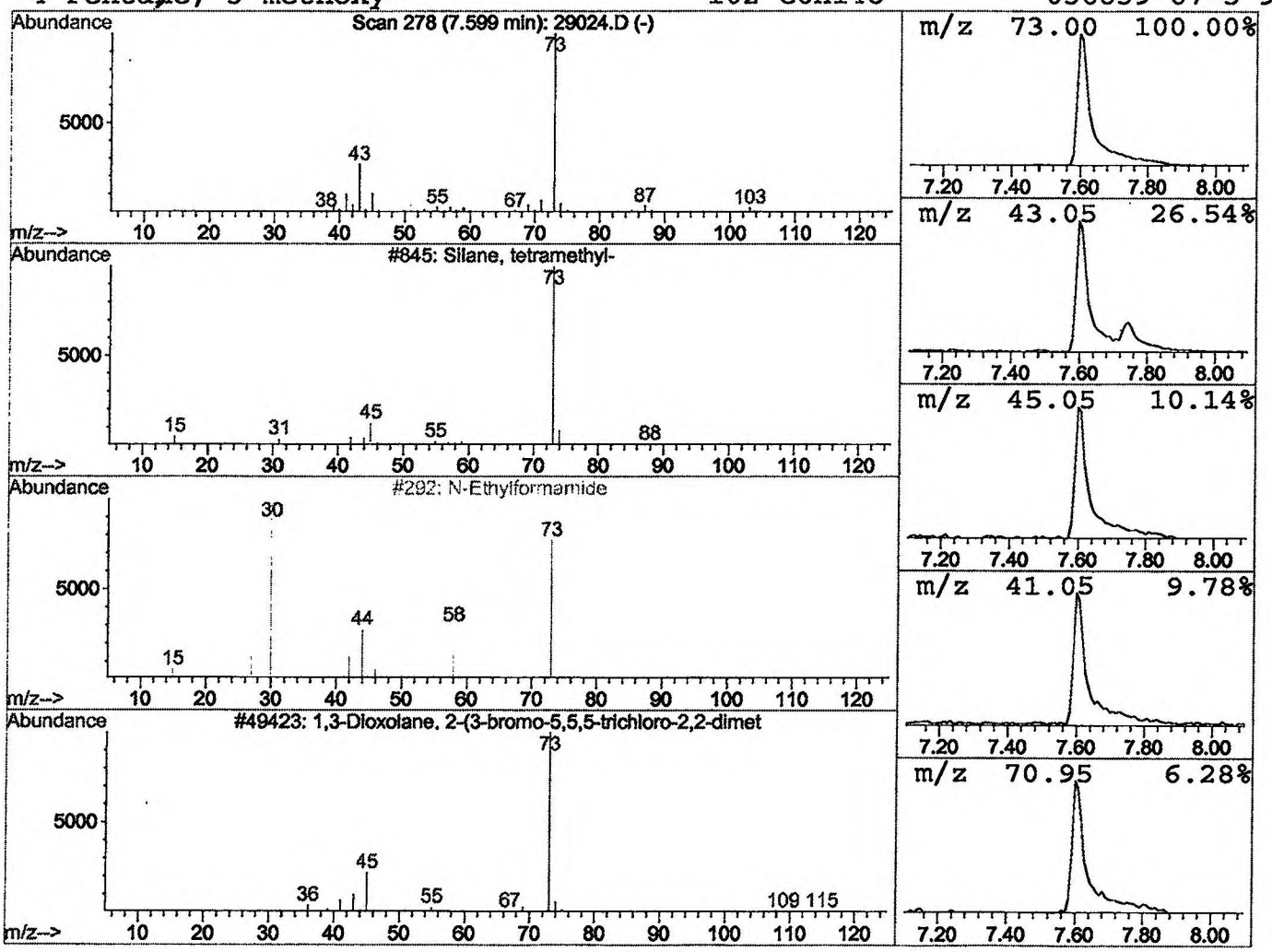
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	2.97 ug/l	809460	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1001\29024.D
Acq On : 11 Dec 2001 5:56 pm
Sample : gc/ms scan 11/30a
Misc :
MS Integration Params: LSCINT.P

Vial: 31
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

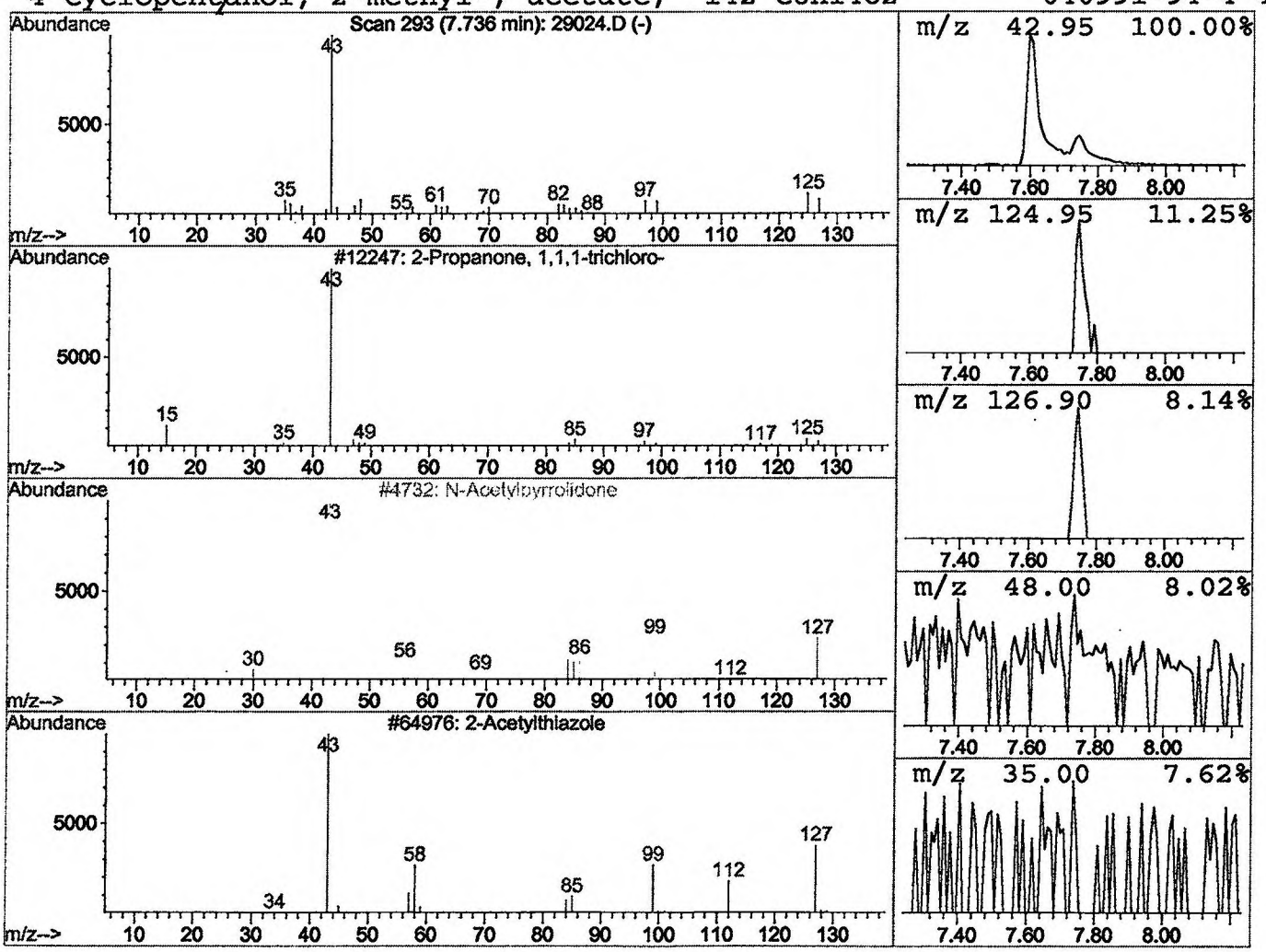
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.49 ug/l	134453	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	23
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	7
4	Cyclopentanol, 2-methyl-, acetate,	142	C8H14O2	040991-94-4	4



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 11 Dec 2001 5:56 pm
Data File: C:\HPCHEM\1\DATA\DEC1001\29024.D
Name: gc/ms scan 11/30a
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-	7.60	3.0	ug/l	809460	ISTD01	11.67	5443040	20.0
2-Propanone, 1,1,1-t	7.74	0.5	ug/l	134453	ISTD01	11.67	5443040	20.0

29024.D GCMS1126.M Wed Dec 12 15:44:19 2001