

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023637.D
 Acq On : 04 May 2018 18:27
 Operator : MD/SY
 Sample : J2630-05 50X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: May 05 01:24:45 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 05 01:17:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	153089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154276	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	70662	5.00	ug/L	0.00

System Monitoring Compounds

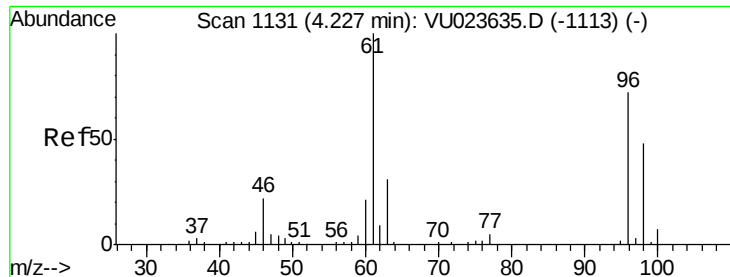
4) Vinyl Chloride-d3	1.40	65	51025	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.68	69	41583	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.27	63	69848	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.20	46	157795	49.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.24%
24) Chloroform-d	4.65	84	95995	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.32	65	52723	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.34	84	186481	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.34	67	66020	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.57	98	157291	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.80%
43) trans-1,3-Dichloropropene-	7.86	79	21006	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.32	63	120959	47.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.06%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	50781	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.87	152	64077	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.23	96	9201	0.78 ug/L	98
47) Tetrachloroethene	8.23	164	3063	0.32 ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

The chromatogram displays the abundance of various chemical compounds over time. The x-axis represents time in minutes, ranging from 1.00 to 17.00. The y-axis represents abundance, ranging from 0 to 750,000. The following table lists the compounds identified in the chromatogram, along with their approximate retention times and relative abundances.

Compound	Retention Time (min)	Relative Abundance
Vinyl Chloride-d3, S	1.2	100,000
Chloroethane-d5, S	1.5	60,000
1,1-Dichloroethane-d2, S	2.2	120,000
cis-1,2-Dichloroethane, T	4.2	100,000
Chloroform-d, S	4.5	100,000
1,2-Dichloroethane-d6, S	5.2	250,000
1,4-Difluorobenzene, I	6.0	180,000
1,2-Dichloropropane-d6, S	6.5	130,000
Toluene-d8, S	7.2	230,000
trans-1,3-Dichloropropene-d4, S	7.5	30,000
Tetrachloroethene, T	8.2	10,000
2-Hexanone-d5, S	8.5	360,000
Chlorobenzene-d5, I	9.2	270,000
1,1,1,2-Tetrachloroethane-d2, S	10.5	100,000
1,4-Dichlorobenzene-d4, I	11.5	250,000
1,2-Dichlorobenzene-d4, S	12.0	230,000



#22

cis-1,2-Dichloroethene

Concen: 0.78 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

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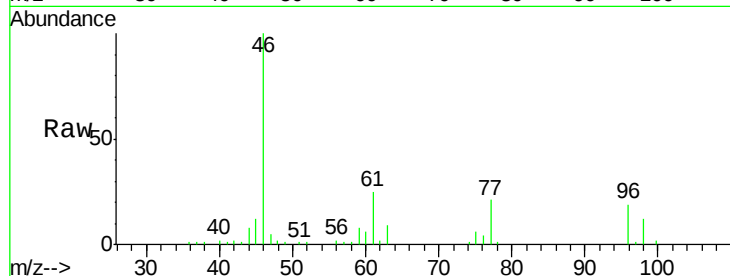
Tot Ion: 96 Resp: 9201

Ion Ratio Lower Upper

96 100

61 132.5 94.6 175.6

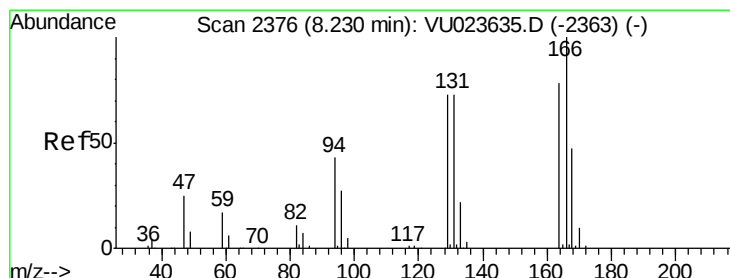
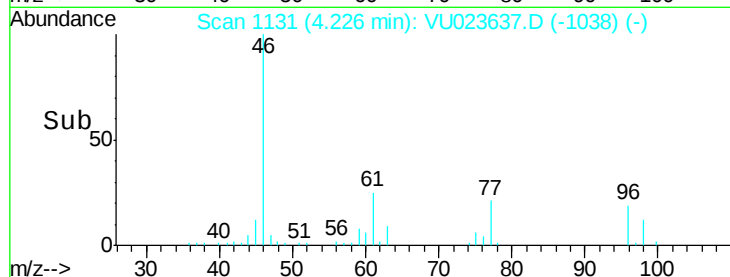
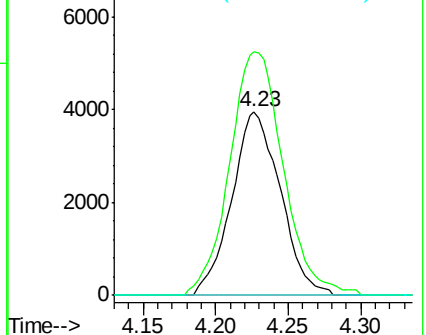
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU023637.D (-1038) (-)

Ion 61.05 (60.75 to 61.75): VU023637.D (-1038) (-)

Ion 68.15 (67.85 to 68.85): VU023637.D (-1038) (-)



#47

Tetrachloroethene

Concen: 0.32 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023637.D

Acq: 04 May 2018 18:27

Tgt Ion: 164 Resp: 3063

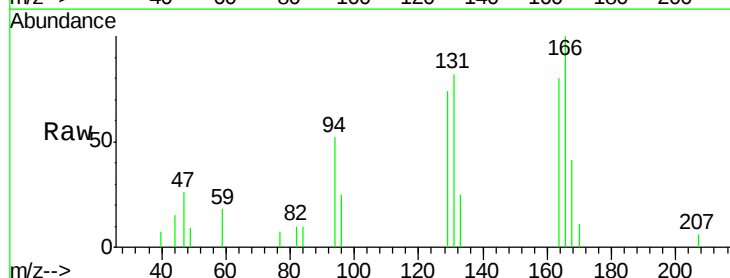
Ion Ratio Lower Upper

164 100

129 92.4 64.4 119.6

131 102.7 63.9 118.7

166 124.9 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): VU023637.D (-2283) (-)

Ion 128.95 (128.65 to 129.65): VU023637.D (-2283) (-)

Ion 130.95 (130.65 to 131.65): VU023637.D (-2283) (-)

Ion 165.90 (165.60 to 166.60): VU023637.D (-2283) (-)

