

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050418\
 Data File : VU023655.D
 Acq On : 05 May 2018 02:10
 Operator : MD/SY
 Sample : J2630-20 100X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Quant Time: May 05 04:03:04 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	138497	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143261	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63193	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48427	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.68	69	40896	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	2.27	63	71223	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	4.20	46	160476	55.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.44%
24) Chloroform-d	4.65	84	91460	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
26) 1,2-Dichloroethane-d4	5.31	65	53949	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.34	84	192544	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.34	67	67920	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.57	98	158825	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.86	79	19302	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.32	63	127349	53.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.78%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	53164	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.87	152	65863	5.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.00%

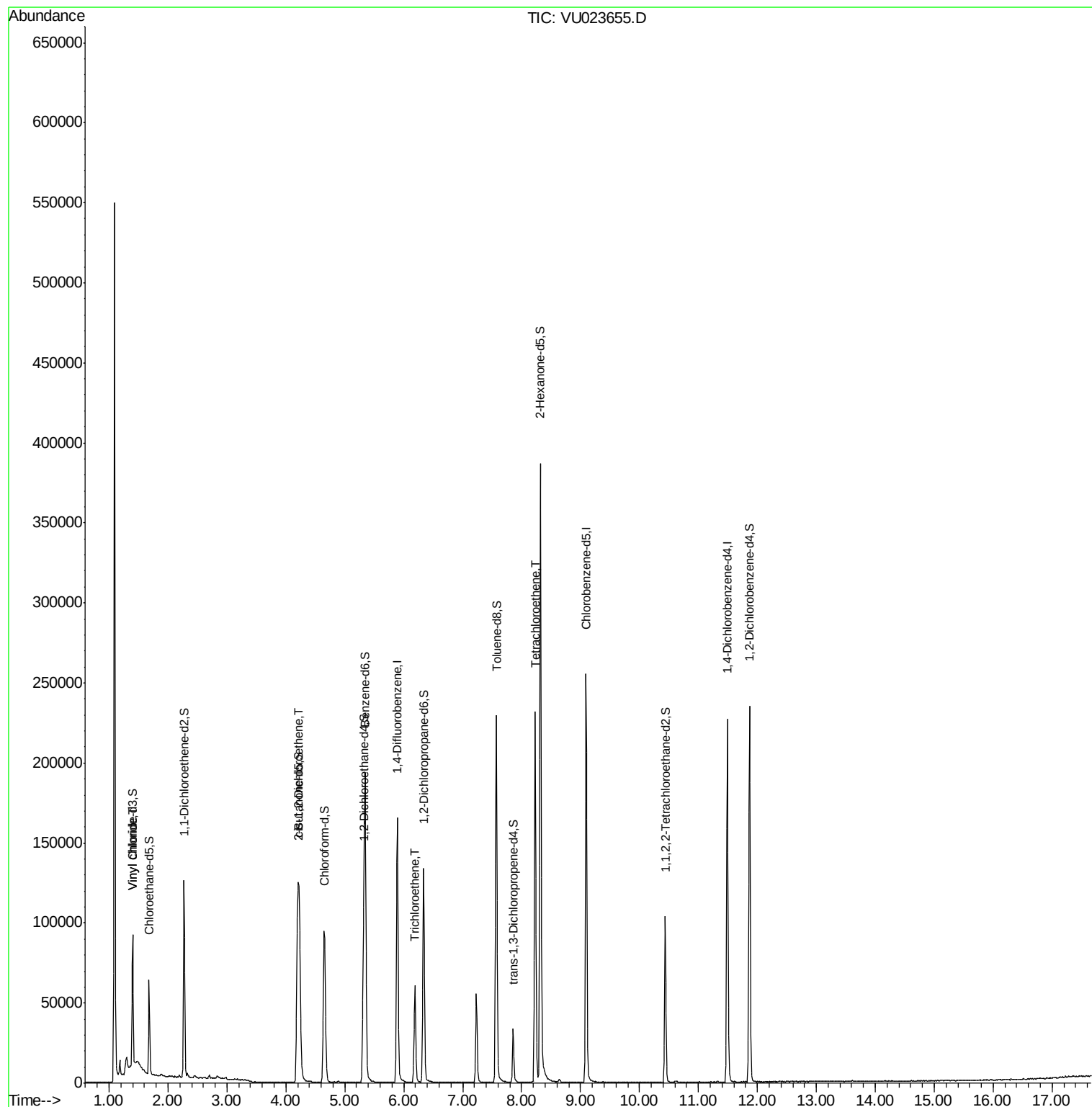
Target Compounds

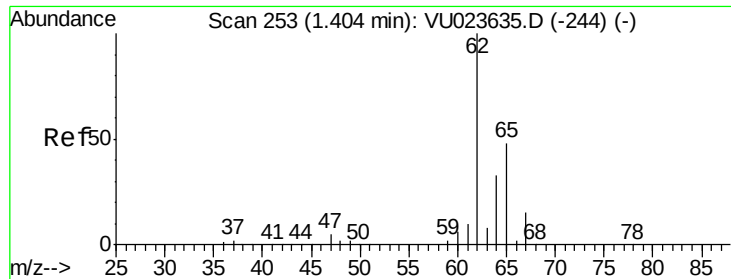
					Ovalue
5) Vinyl chloride	1.40	62	6690	0.52	ug/L # 1
22) cis-1,2-Dichloroethene	4.23	96	46439	4.34	ug/L 98
34) Trichloroethene	6.19	95	21062	1.87	ug/L 97
47) Tetrachloroethene	8.23	164	54992	6.18	ug/L 98

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

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#5

Vinyl chloride

Concen: 0.52 ug/L

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU023655.D

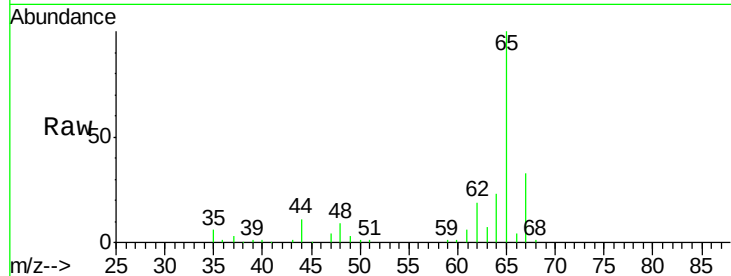
Acq: 05 May 2018 02:10

Tot Ion: 62 Resp: 6690

Ion Ratio Lower Upper

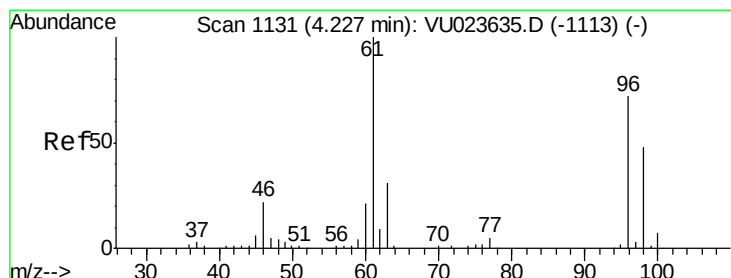
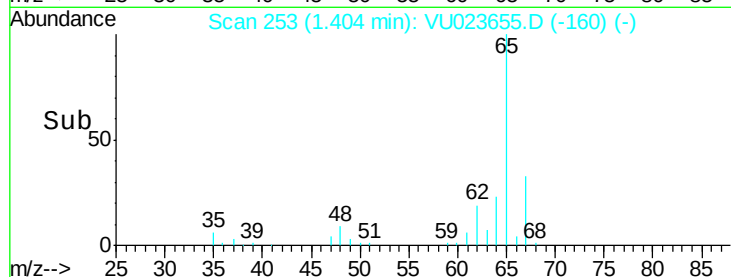
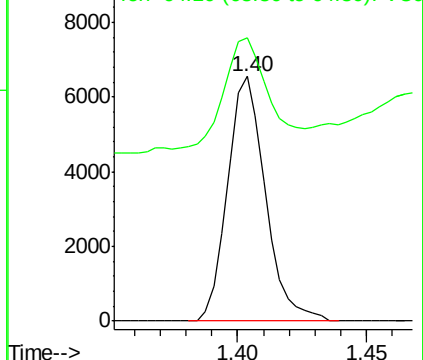
62 100

64 115.6 26.9 49.9#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#22

cis-1,2-Dichloroethene

Concen: 4.34 ug/L

RT: 4.23 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

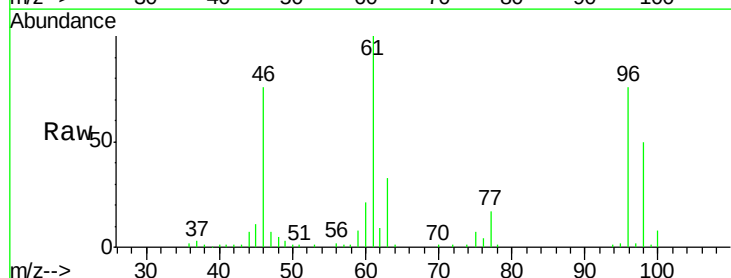
Tgt Ion: 96 Resp: 46439

Ion Ratio Lower Upper

96 100

61 132.2 94.6 175.6

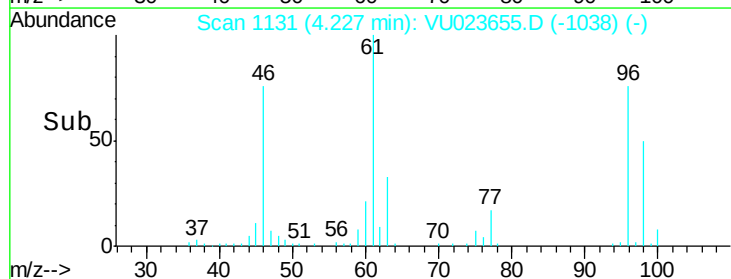
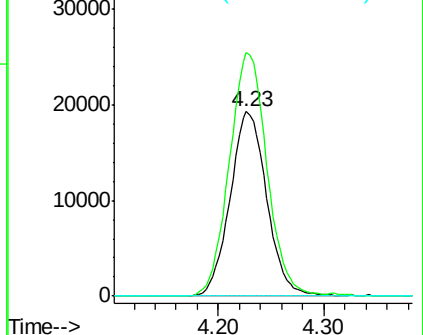
68 0.0 0.0 0.0

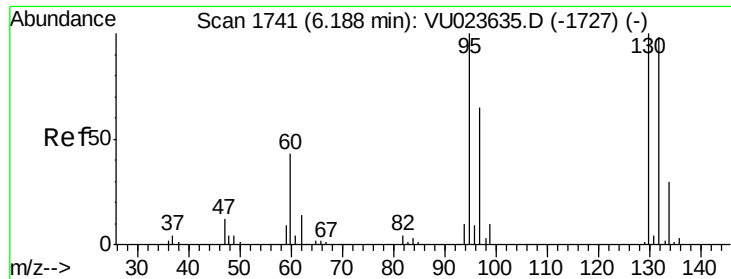


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0





#34

Trichloroethene

Concen: 1.87 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

Tot Ion: 95 Resp: 21062

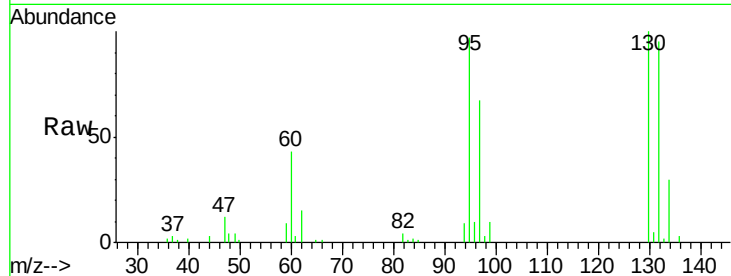
Ion Ratio Lower Upper

95 100

97 68.9 46.0 85.4

132 98.3 68.1 126.5

130 103.2 70.1 130.1

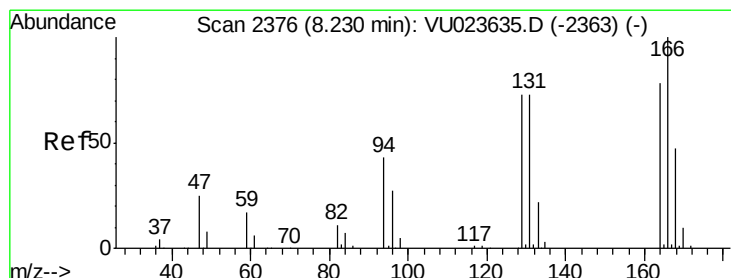
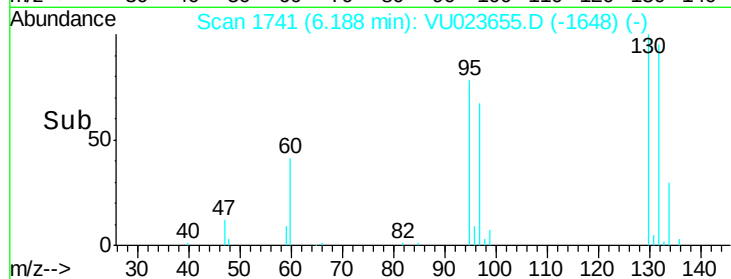
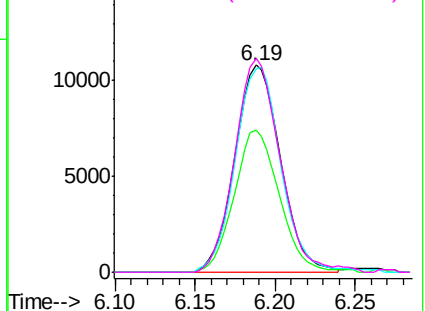


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 6.18 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU023655.D

Acq: 05 May 2018 02:10

Tgt Ion: 164 Resp: 54992

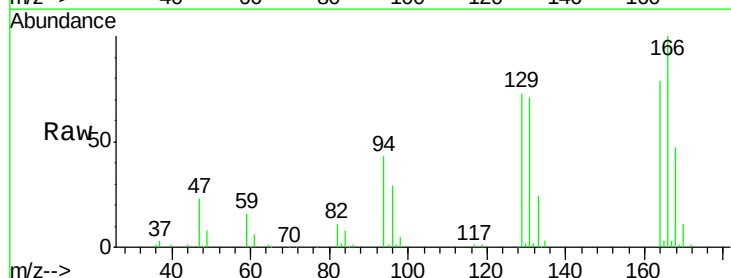
Ion Ratio Lower Upper

164 100

129 92.5 64.4 119.6

131 89.5 63.9 118.7

166 126.3 90.0 167.2



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

