

Data Path : W:\HPCHEM1\MSVOA U\DATA\VU050518\
 Data File : VU023679.D
 Acq On : 05 May 2018 20:33
 Operator : MD/SY
 Sample : J2640-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 06 01:35:27 2018
 Quant Method : W:\HPCHEM1\MSVOA U\METHOD\SOMUTR050418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun May 06 01:00:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	141169	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	144060	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	63541	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45268	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.68	69	39534	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.27	63	64890	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	4.20	46	160293	54.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.22%
24) Chloroform-d	4.65	84	92022	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.32	65	52208	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.34	84	184976	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.34	67	65099	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.57	98	151336	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.86	79	19460	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.32	63	125196	52.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.38%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	52317	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.40%
64) 1,2-Dichlorobenzene-d4	11.87	152	64091	5.42	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.40%

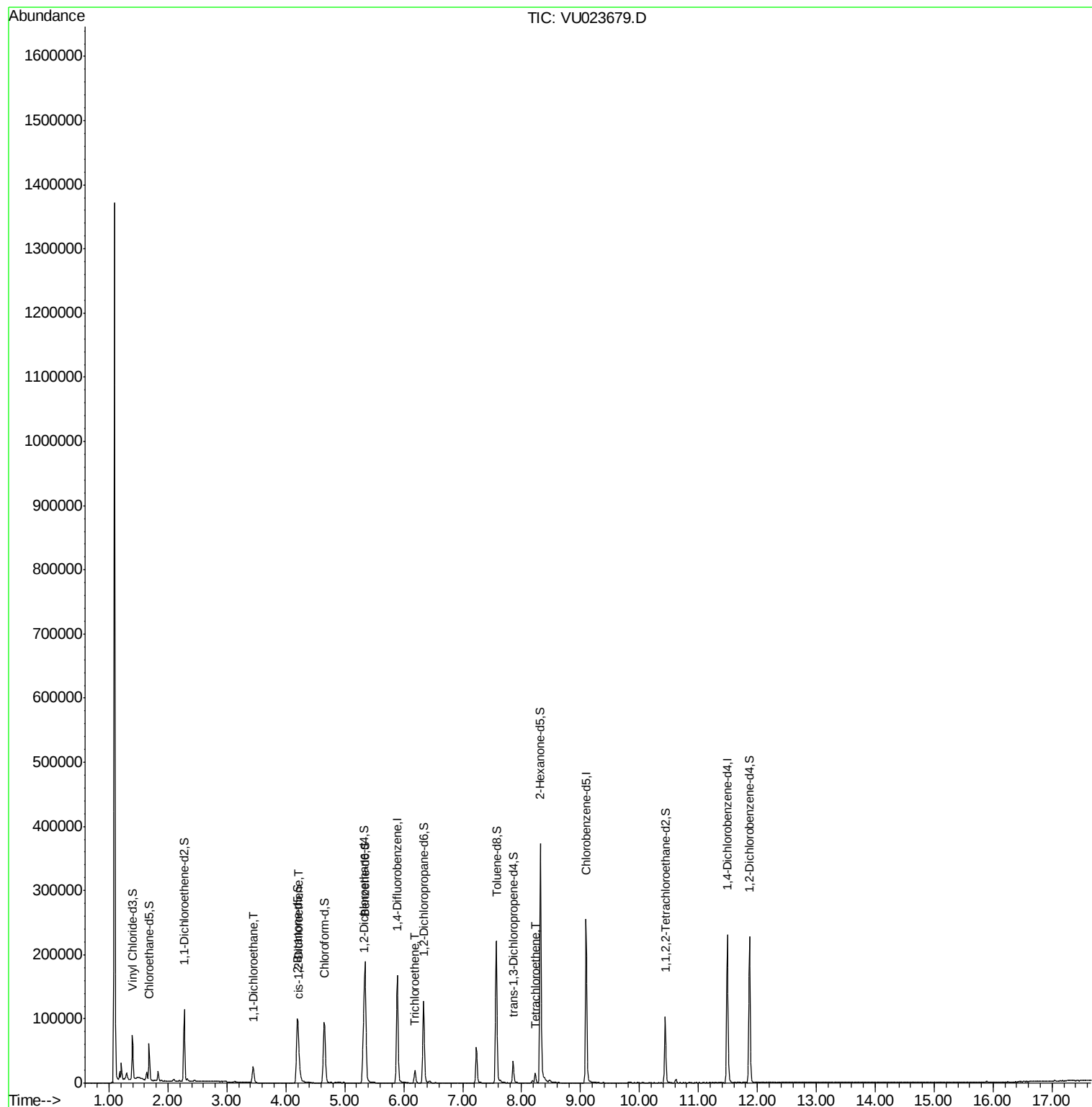
Target Compounds

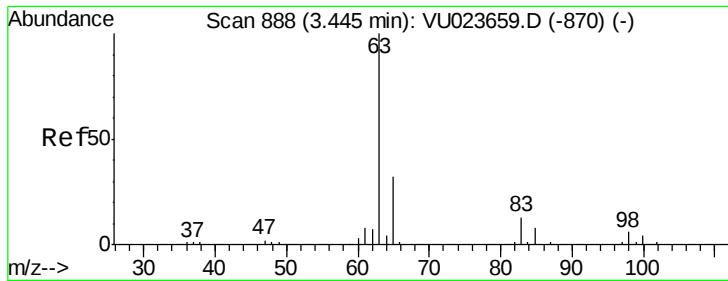
					Ovalue
19) 1,1-Dichloroethane	3.45	63	27922	1.60	ug/L 97
22) cis-1,2-Dichloroethene	4.23	96	5568	0.51	ug/L 96
34) Trichloroethene	6.19	95	6889	0.61	ug/L 95
47) Tetrachloroethene	8.23	164	3704	0.41	ug/L 92

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

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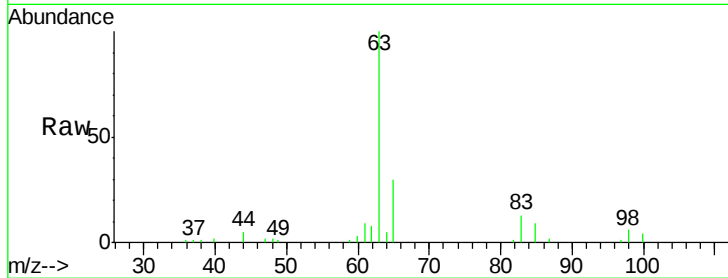
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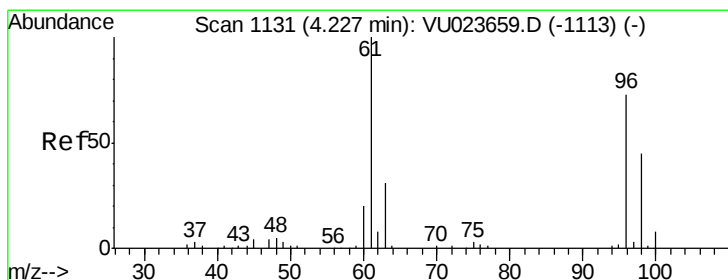
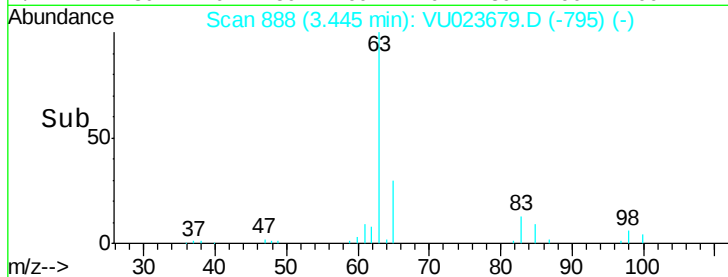
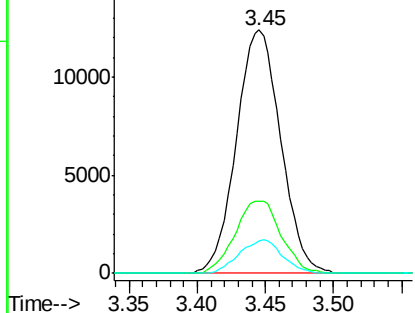


#19
 1,1-Dichloroethane
 Concen: 1.60 ug/L
 RT: 3.45 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: VU023679.D
 Acq: 05 May 2018 20:33

Tot Ion: 63 Resp: 27922
 Ion Ratio Lower Upper
 63 100
 65 29.5 22.0 41.0
 83 13.2 8.8 16.4

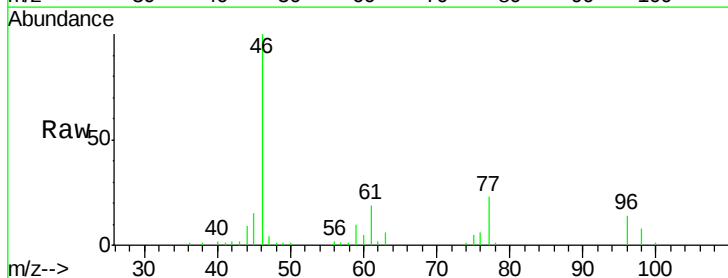


Abundance Ion 63.10 (62.80 to 63.80): VU0
 Ion 65.10 (64.80 to 65.80): VU0
 Ion 83.05 (82.75 to 83.75): VU0

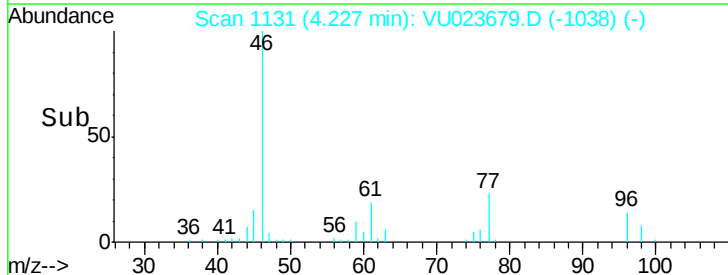
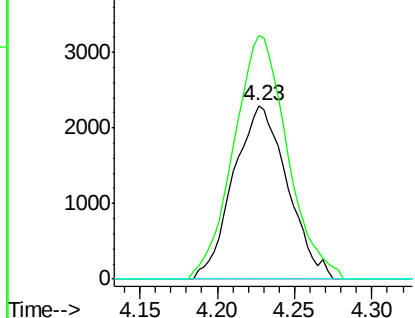


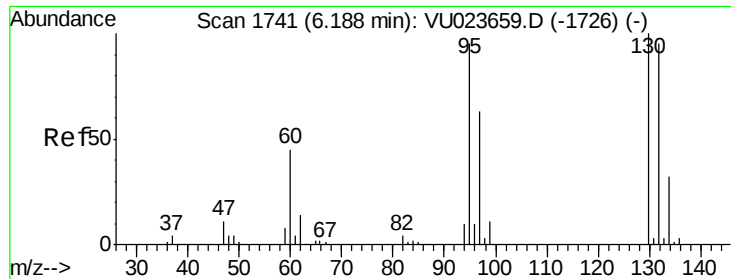
#22
 cis-1,2-Dichloroethene
 Concen: 0.51 ug/L
 RT: 4.23 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: VU023679.D
 Acq: 05 May 2018 20:33

Tgt Ion: 96 Resp: 5568
 Ion Ratio Lower Upper
 96 100
 61 140.3 94.6 175.6
 68 0.0 0.0 0.0



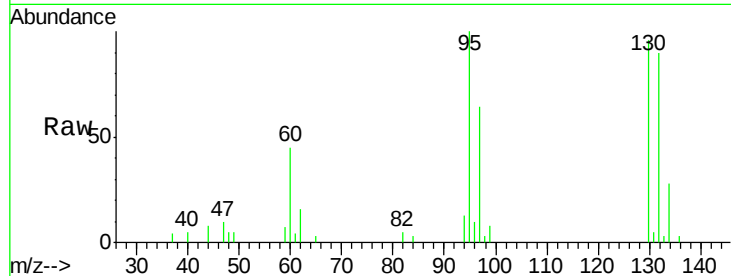
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



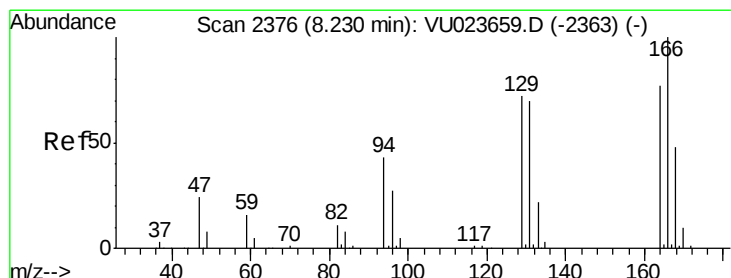
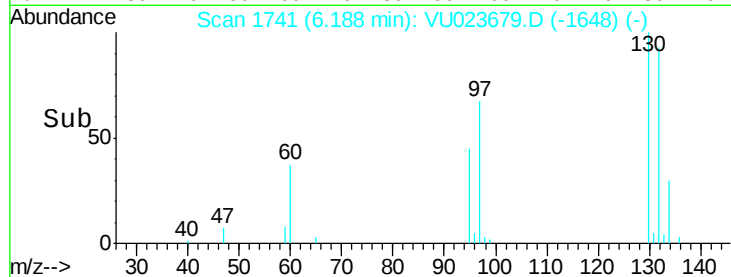
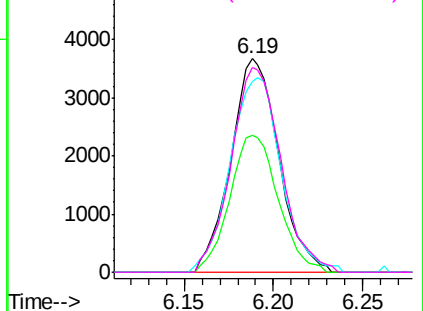


#34
 Trichloroethene
 Concen: 0.61 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU023679.D
 Acq: 05 May 2018 20:33

Tot Ion: 95 Resp: 6889
 Ion Ratio Lower Upper
 95 100
 97 64.3 46.0 85.4
 132 89.5 68.1 126.5
 130 95.7 70.1 130.1

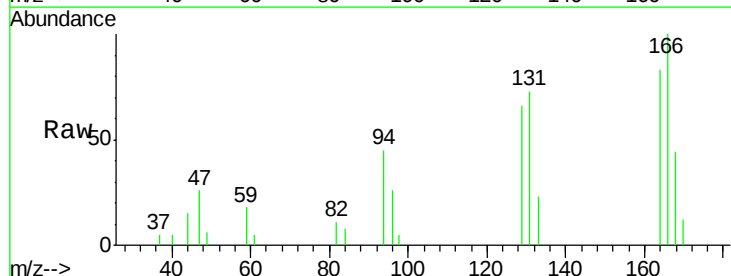


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V



#47
 Tetrachloroethene
 Concen: 0.41 ug/L
 RT: 8.23 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: VU023679.D
 Acq: 05 May 2018 20:33

Tgt Ion: 164 Resp: 3704
 Ion Ratio Lower Upper
 164 100
 129 79.2 64.4 119.6
 131 88.6 63.9 118.7
 166 120.8 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

