

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011321\
 Data File : VW019988.D
 Acq On : 13 Jan 2021 15:42
 Operator : SY/MD
 Sample : M1099-02ME 40X
 Misc : 4.20g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1C02ME

Quant Time: Jan 13 16:01:34 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 13 13:06:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

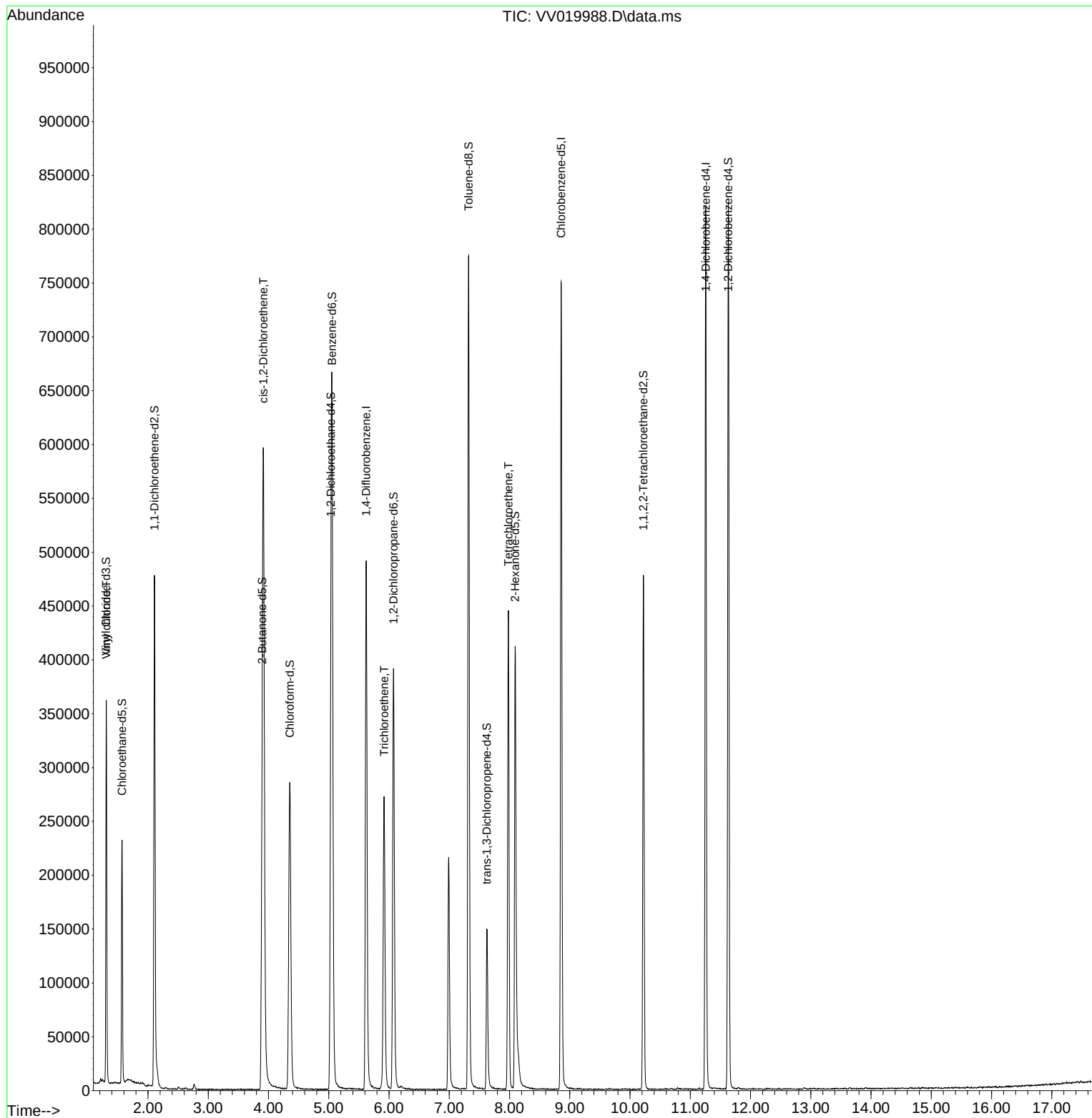
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	388080	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	375967	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	190445	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	169449	51.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 103.54%			
7) Chloroethane-d5	1.569	69	139818	53.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.02%			
11) 1,1-Dichloroethene-d2	2.106	63	255525	39.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 79.26%			
21) 2-Butanone-d5	3.894	46	221459	104.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.29%			
24) Chloroform-d	4.354	84	286030	48.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.02%			
26) 1,2-Dichloroethane-d4	5.036	65	207011	51.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.28%			
32) Benzene-d6	5.055	84	535282	50.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.90%			
36) 1,2-Dichloropropane-d6	6.074	67	168191	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.54%			
41) Toluene-d8	7.322	98	477515	49.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.30%			
43) trans-1,3-Dichloroprop...	7.624	79	77924	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.66%			
47) 2-Hexanone-d5	8.093	63	124225	93.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.53%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	208682	46.59	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 93.18%			
64) 1,2-Dichlorobenzene-d4	11.630	152	189583	51.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.08%			
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.309	62	59512	16.36	ug/L	97
20) cis-1,2-Dichloroethene	3.913	96	277656	94.79	ug/L	100
34) Trichloroethene	5.920	95	85326	27.28	ug/L	95
46) Tetrachloroethene	7.981	164	88228	39.29	ug/L	98

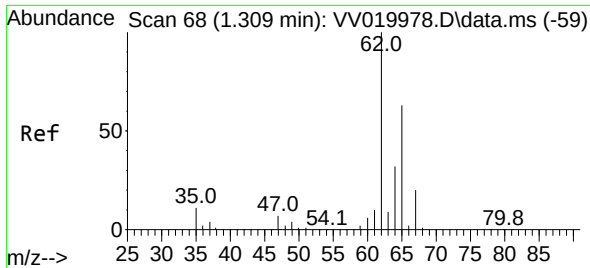
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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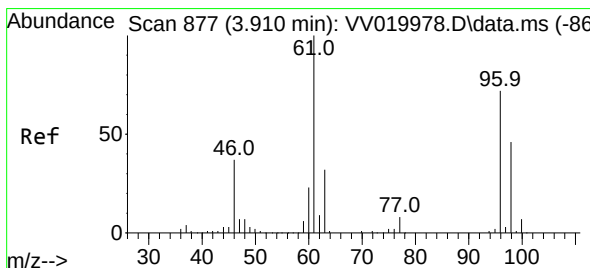
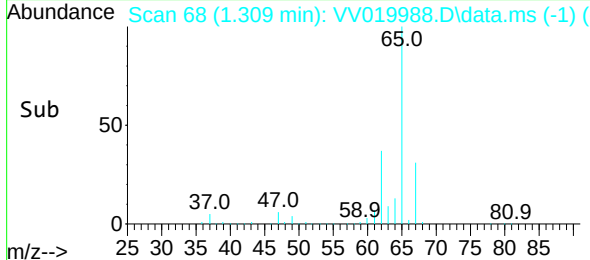
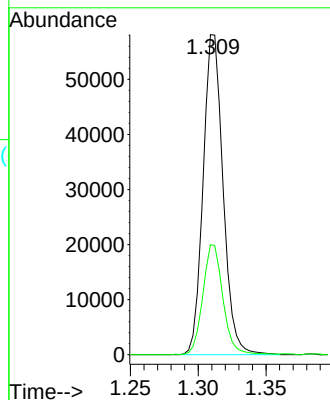
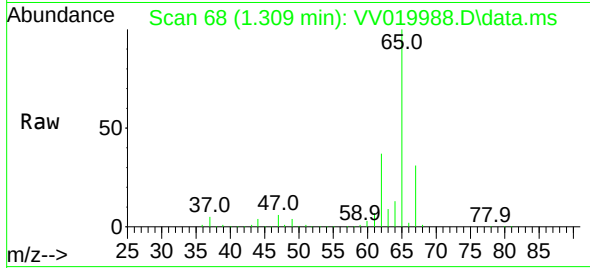




#5
 Vinyl chloride
 Concen: 16.36 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. -0.000 min
 Lab File: VV019988.D
 Acq: 13 Jan 2021 15:42

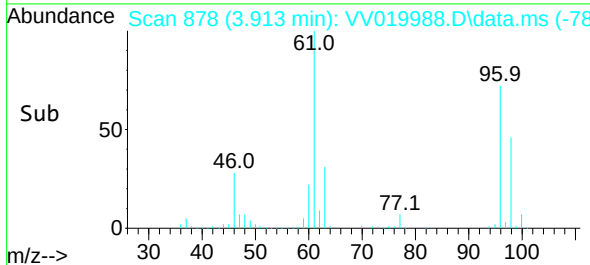
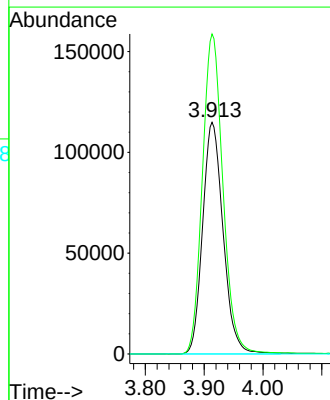
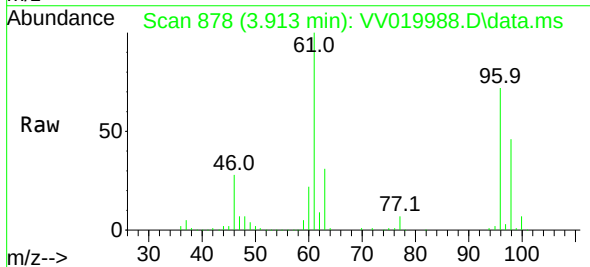
Instrument :
 MSVOA_V
 ClientSampleId :
 F1C02ME

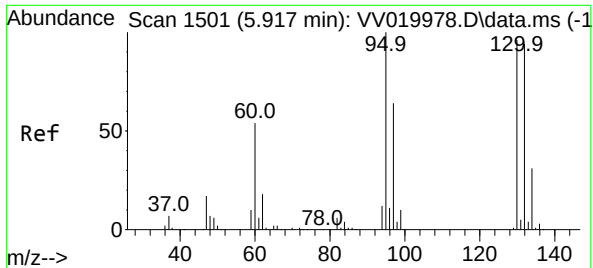
Tgt Ion: 62 Resp: 59512
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.0 42.6



#20
 cis-1,2-Dichloroethene
 Concen: 94.79 ug/L
 RT: 3.913 min Scan# 878
 Delta R.T. 0.003 min
 Lab File: VV019988.D
 Acq: 13 Jan 2021 15:42

Tgt Ion: 96 Resp: 277656
 Ion Ratio Lower Upper
 96 100
 61 138.1 96.9 179.9
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 27.28 ug/L

RT: 5.920 min Scan# 1502

Delta R.T. 0.003 min

Lab File: VV019988.D

Acq: 13 Jan 2021 15:42

Tgt Ion: 95 Resp: 85326

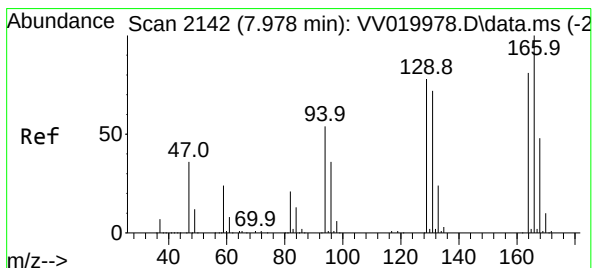
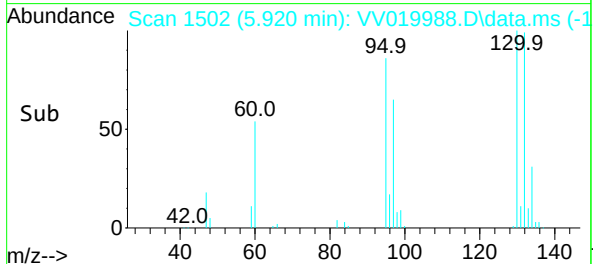
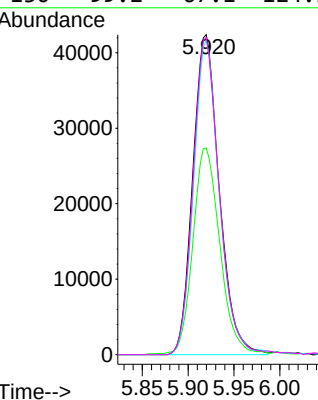
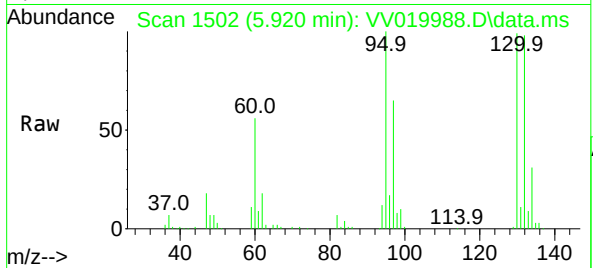
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 98.3 63.4 117.8

130 99.2 67.1 124.5



#46

Tetrachloroethene

Concen: 39.29 ug/L

RT: 7.981 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV019988.D

Acq: 13 Jan 2021 15:42

Tgt Ion: 164 Resp: 88228

Ion Ratio Lower Upper

164 100

129 99.1 70.6 131.0

131 93.9 66.8 124.0

166 129.5 88.2 163.8

