

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051923\
 Data File : VW031117.D
 Acq On : 19 May 2023 19:24
 Operator : SY/MD
 Sample : 02866-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBX86

Quant Time: May 20 00:37:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 20 00:29:13 2023
 Response via : Initial Calibration

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

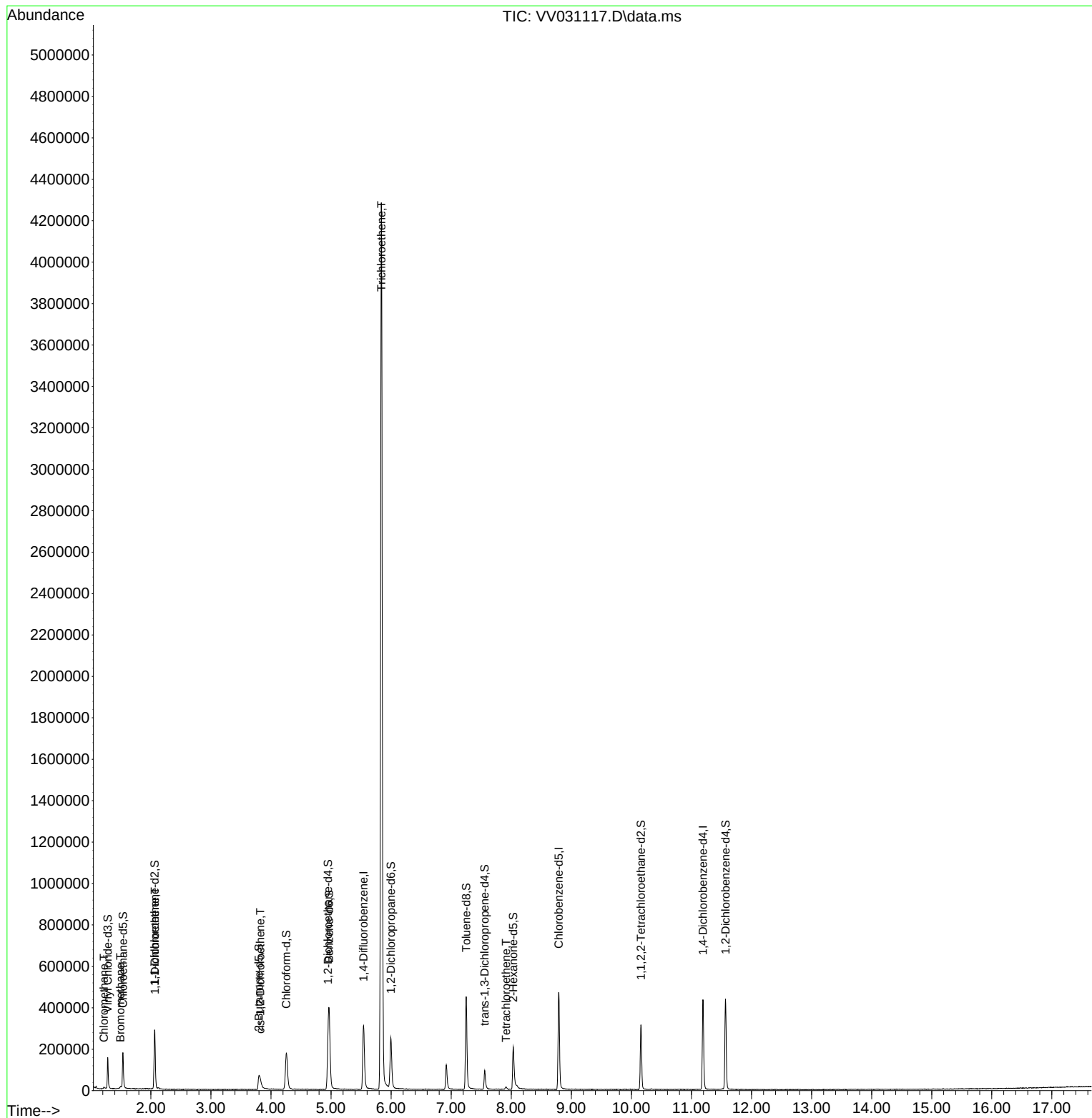
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	262936	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	249286	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	116722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	98864	43.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.000%
7) Chloroethane-d5	1.535	69	95191	54.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.980%
11) 1,1-Dichloroethene-d2	2.063	65	47790	45.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.700%
21) 2-Butanone-d5	3.799	46	107775	90.010	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.010%
24) Chloroform-d	4.256	84	182069	45.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.950	65	129264	48.120	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	4.966	84	332276	49.168	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.340%
36) 1,2-Dichloropropane-d6	5.995	67	102434	50.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.320%
41) Toluene-d8	7.249	98	291514	46.218	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.440%
43) trans-1,3-Dichloroprop...	7.558	79	46678	46.012	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.020%
47) 2-Hexanone-d5	8.034	63	68429	86.796	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.800%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	135763	44.765	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.540%
66) 1,2-Dichlorobenzene-d4	11.567	152	111071	52.954	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.900%
Target Compounds						
					Qvalue	
3) Chloromethane	1.220	50	7819	4.207	ug/L	98
6) Bromomethane	1.494	94	2642	2.840	ug/L	96
12) 1,1-Dichloroethene	2.069	96	2848	1.950	ug/L #	1
20) cis-1,2-Dichloroethene	3.821	96	8950	5.376	ug/L	91
34) Trichloroethene	5.838	95	1372817	857.888	ug/L	99
46) Tetrachloroethene	7.915	164	2495	1.816	ug/L	89

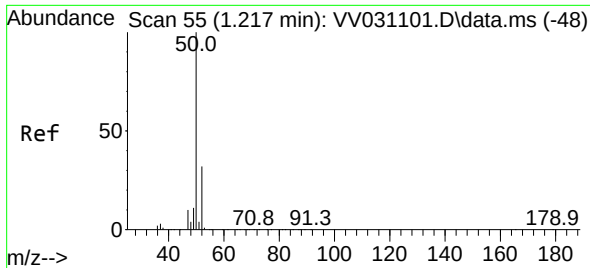
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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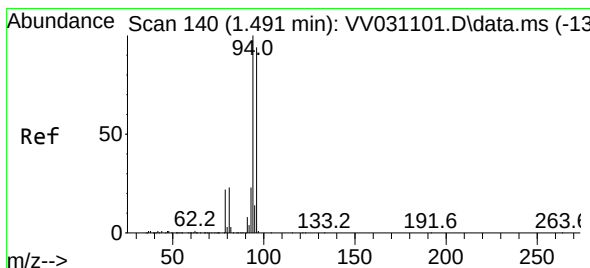
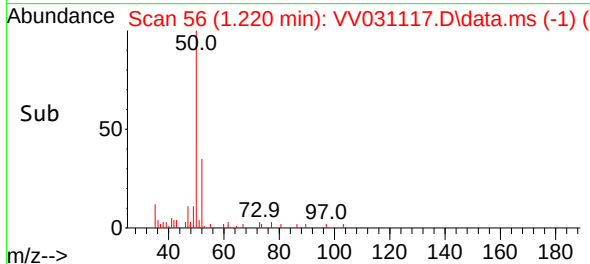
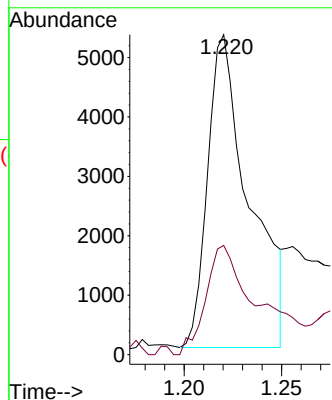
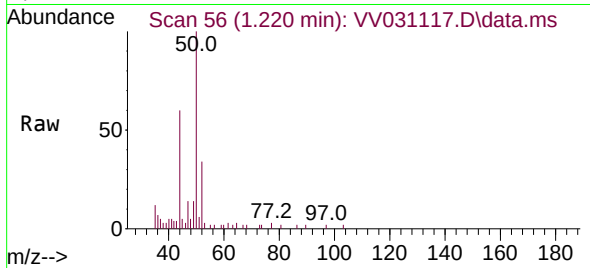




#3
Chloromethane
Concen: 4.207 ug/L
RT: 1.220 min Scan# 50
Delta R.T. 0.003 min
Lab File: VV031117.D
Acq: 19 May 2023 19:24

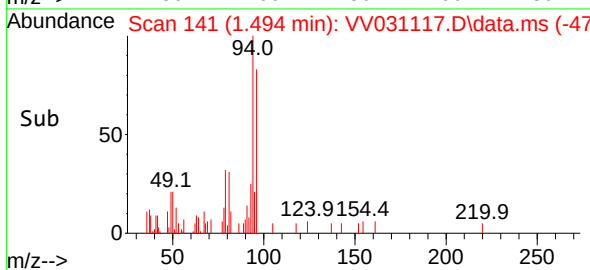
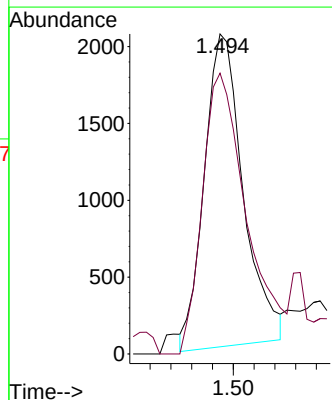
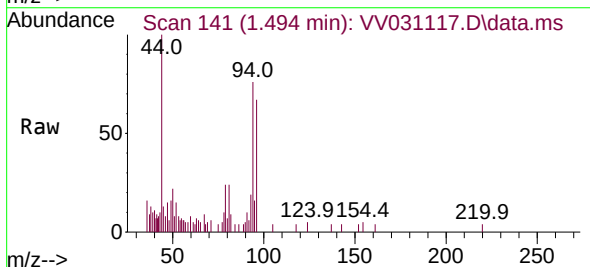
Instrument :
MSVOA_V
ClientSampleId :
GBX86

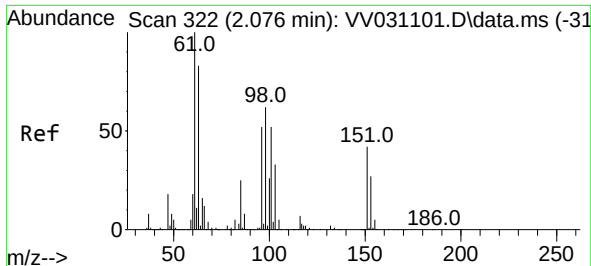
Tgt Ion: 50 Resp: 7819
Ion Ratio Lower Upper
50 100
52 34.2 23.3 43.3



#6
Bromomethane
Concen: 2.840 ug/L
RT: 1.494 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV031117.D
Acq: 19 May 2023 19:24

Tgt Ion: 94 Resp: 2642
Ion Ratio Lower Upper
94 100
96 87.8 63.9 118.7





#12

1,1-Dichloroethene

Concen: 1.950 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

GBX86

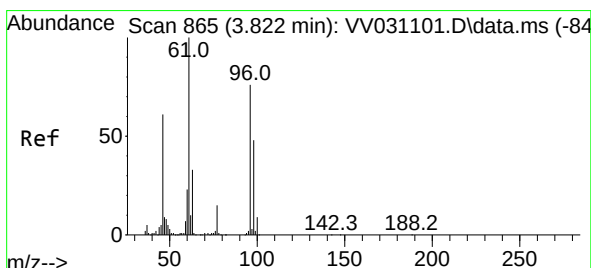
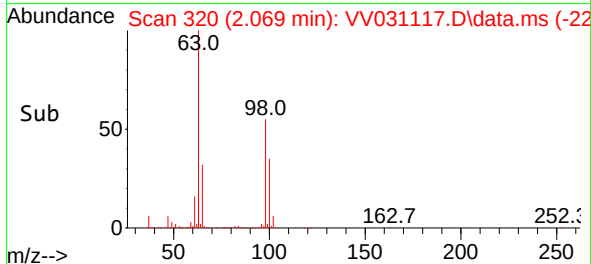
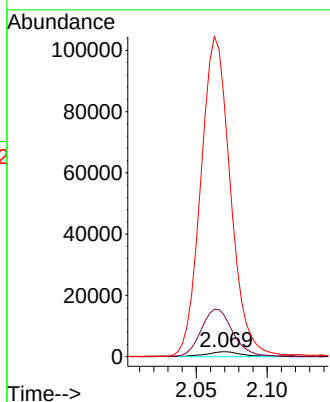
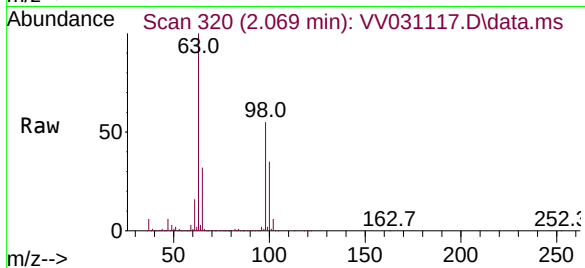
Tgt Ion: 96 Resp: 2848

Ion Ratio Lower Upper

96 100

61 867.8 137.9 256.1#

63 5387.2 114.2 212.0#



#20

cis-1,2-Dichloroethene

Concen: 5.376 ug/L

RT: 3.821 min Scan# 865

Delta R.T. -0.000 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

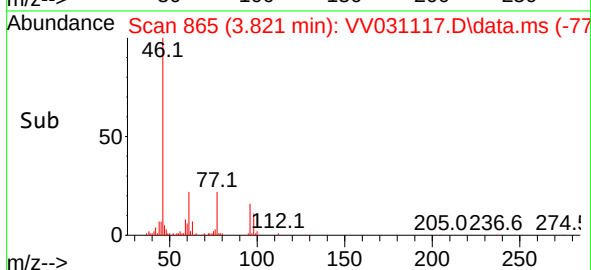
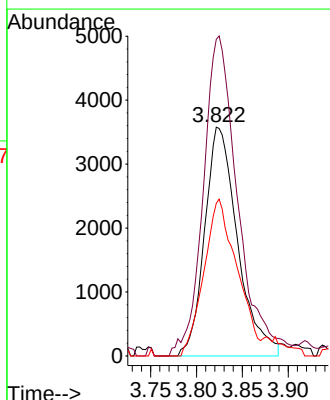
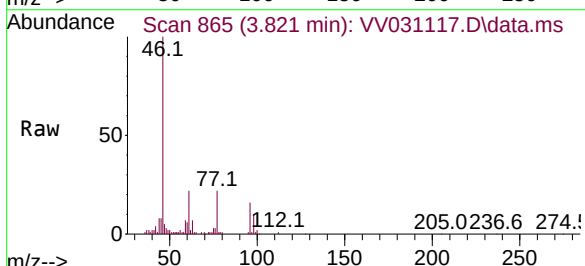
Tgt Ion: 96 Resp: 8950

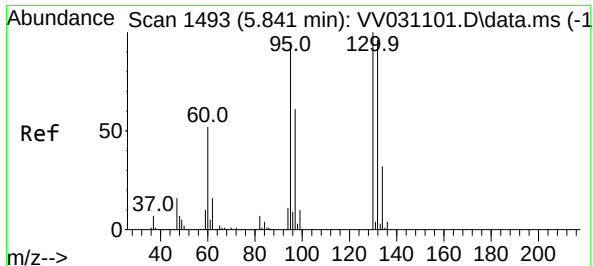
Ion Ratio Lower Upper

96 100

61 138.4 89.2 165.6

98 66.7 43.0 80.0





#34

Trichloroethene

Concen: 857.888 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. -0.003 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Instrument :

MSVOA_V

ClientSampleId :

GBX86

Tgt Ion: 95 Resp: 1372817

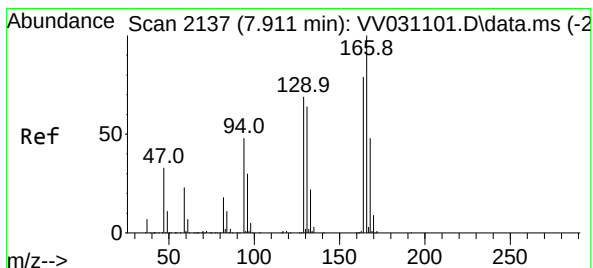
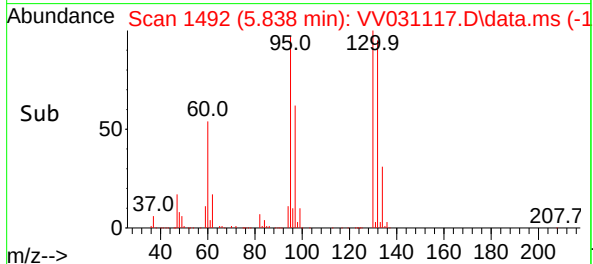
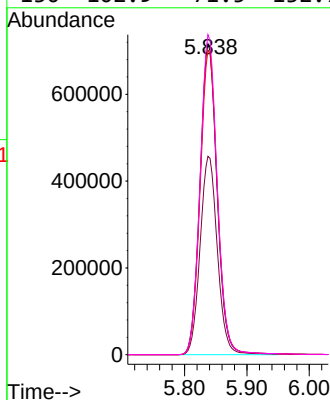
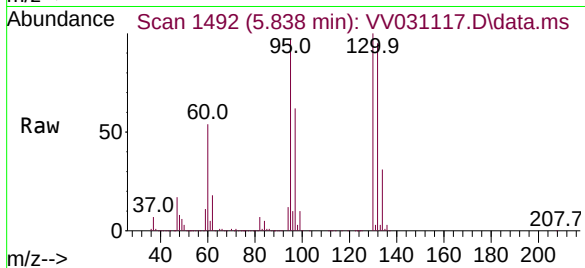
Ion Ratio Lower Upper

95 100

97 63.8 44.4 82.5

132 98.0 70.2 130.4

130 102.9 71.5 132.7



#46

Tetrachloroethene

Concen: 1.816 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031117.D

Acq: 19 May 2023 19:24

Tgt Ion:164 Resp: 2495

Ion Ratio Lower Upper

164 100

129 102.4 65.5 121.7

131 109.0 62.1 115.3

166 138.1 93.4 173.4

