

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020115.D
 Acq On : 21 Jan 2021 19:40
 Operator : SY/MD
 Sample : M1181-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22

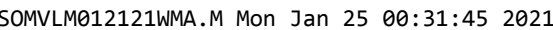
Quant Time: Jan 22 06:45:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

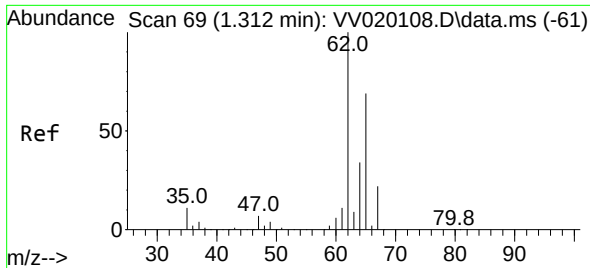
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.614	114	421148	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	464373	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	191217	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	157528	50.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.86%			
7) Chloroethane-d5	1.566	69	137938	52.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.52%			
11) 1,1-Dichloroethene-d2	2.103	63	259750	41.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.26%			
21) 2-Butanone-d5	3.878	46	191357	89.33	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 89.33%			
24) Chloroform-d	4.344	84	266699	45.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.16%			
26) 1,2-Dichloroethane-d4	5.029	65	205108	50.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.16%			
32) Benzene-d6	5.048	84	542286	42.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.82%			
36) 1,2-Dichloropropane-d6	6.068	67	188534	46.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.40%			
41) Toluene-d8	7.315	98	582139	48.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.86%			
43) trans-1,3-Dichloroprop...	7.621	79	91265	46.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.40%			
47) 2-Hexanone-d5	8.090	63	105845	63.07	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 63.07%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	170201	30.80	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 61.60%#			
64) 1,2-Dichlorobenzene-d4	11.630	152	219580	61.11	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 122.22%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.309	62	18839	5.16	ug/L #	81
6) Bromomethane	1.524	94	2774	1.21	ug/L	100
20) cis-1,2-Dichloroethene	3.904	96	566143	185.79	ug/L	99
25) Chloroform	4.373	83	16089	2.83	ug/L	95
34) Trichloroethene	5.913	95	149756	37.96	ug/L	96
46) Tetrachloroethene	7.977	164	365029	123.94	ug/L	97
48) 2-Hexanone	8.145	43	22350	5.28	ug/L #	88

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

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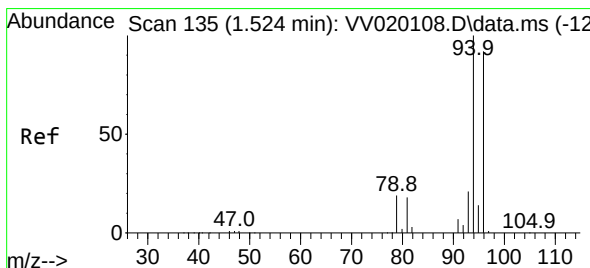
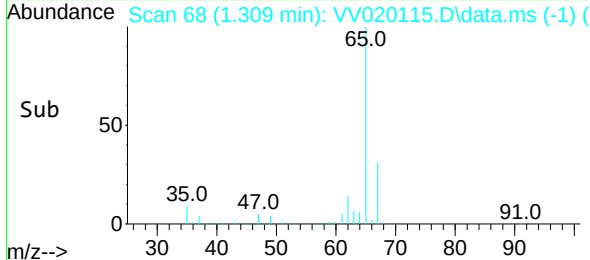
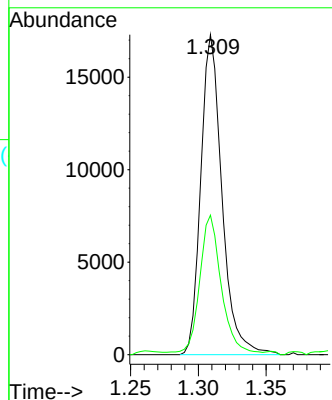
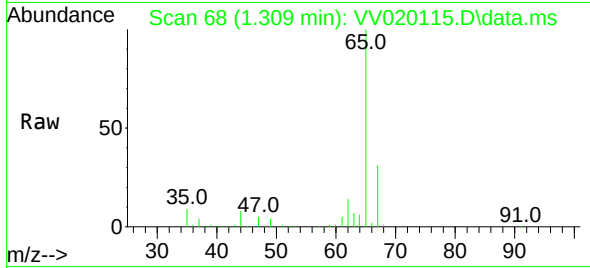




#5
 Vinyl chloride
 Concen: 5.16 ug/L
 RT: 1.309 min Scan# 68
 Delta R.T. -0.003 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

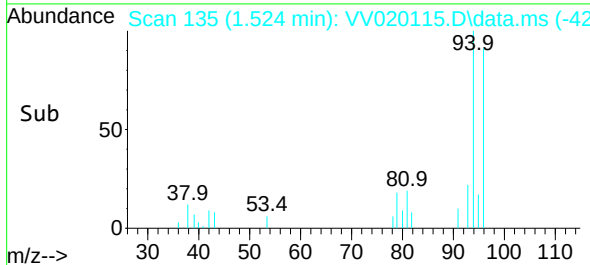
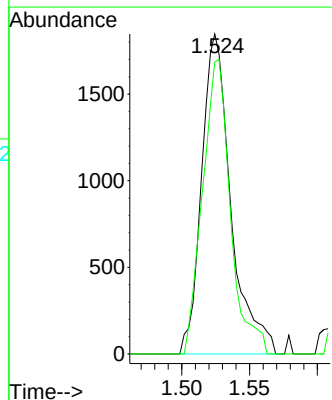
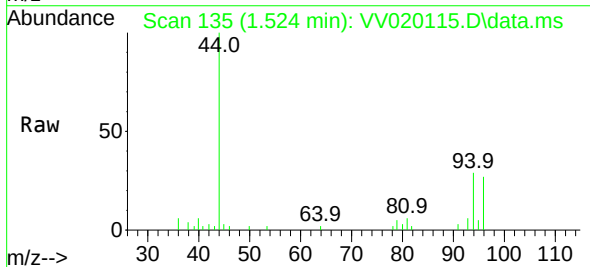
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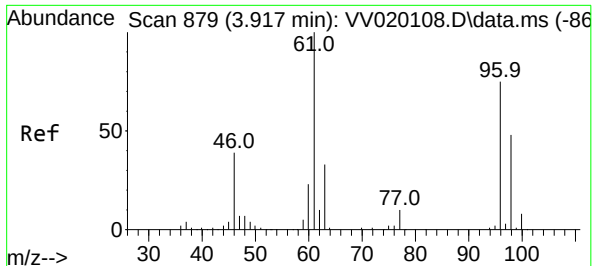
Tgt Ion: 62 Resp: 18839
 Ion Ratio Lower Upper
 62 100
 64 43.6 23.0 42.6#



#6
 Bromomethane
 Concen: 1.21 ug/L
 RT: 1.524 min Scan# 135
 Delta R.T. -0.000 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

Tgt Ion: 94 Resp: 2774
 Ion Ratio Lower Upper
 94 100
 96 91.2 63.6 118.2

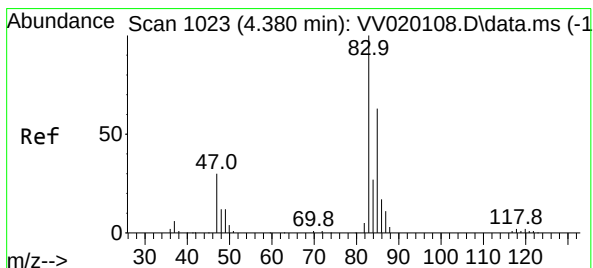
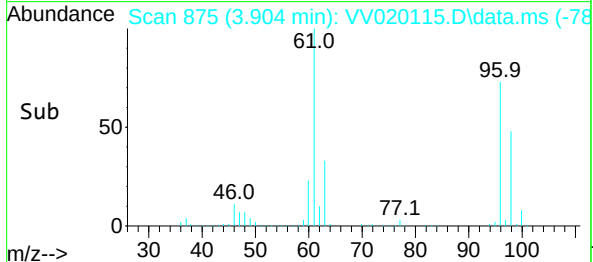
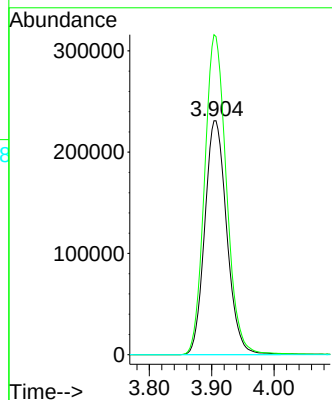
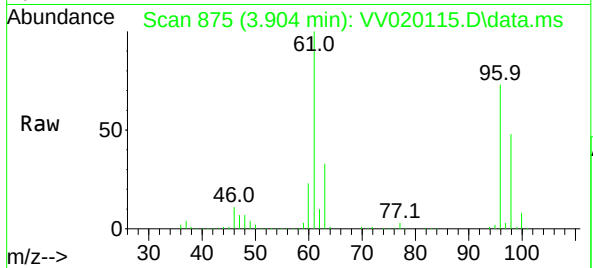




#20
cis-1,2-Dichloroethene
Concen: 185.79 ug/L
RT: 3.904 min Scan# 875
Delta R.T. -0.013 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

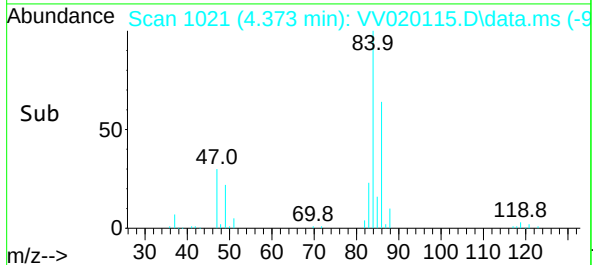
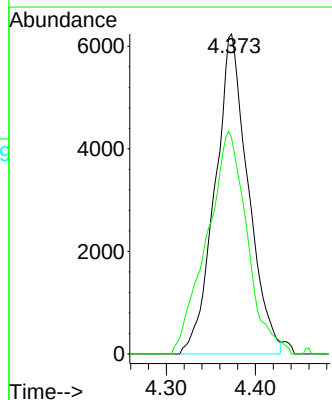
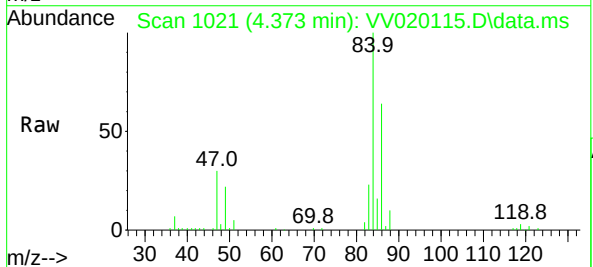
Instrument :
MSVOA_V
ClientSampleId :
F1E22

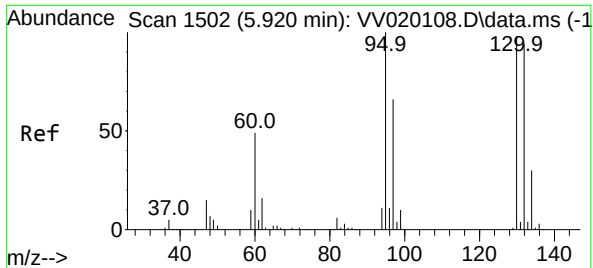
Tgt Ion: 96 Resp: 566143
Ion Ratio Lower Upper
96 100
61 136.8 96.9 179.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 2.83 ug/L
RT: 4.373 min Scan# 1021
Delta R.T. -0.007 min
Lab File: VV020115.D
Acq: 21 Jan 2021 19:40

Tgt Ion: 83 Resp: 16089
Ion Ratio Lower Upper
83 100
85 67.4 44.2 82.2





#34

Trichloroethene

Concen: 37.96 ug/L

RT: 5.913 min Scan# 1500

Delta R.T. -0.007 min

Lab File: VV020115.D

Acq: 21 Jan 2021 19:40

Tgt Ion: 95 Resp: 149756

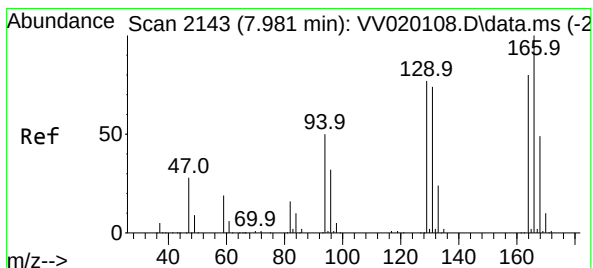
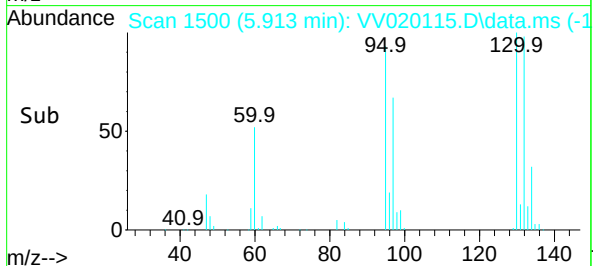
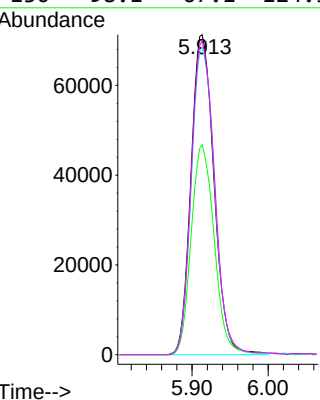
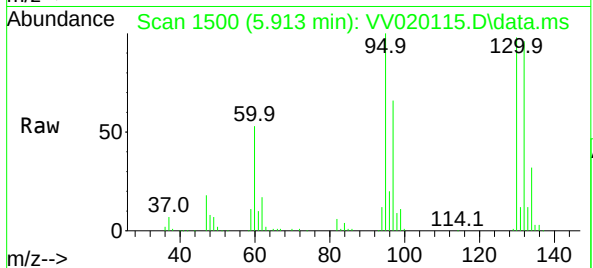
Ion Ratio Lower Upper

95 100

97 65.6 44.5 82.7

132 96.0 63.4 117.8

130 98.1 67.1 124.5



#46

Tetrachloroethene

Concen: 123.94 ug/L

RT: 7.977 min Scan# 2142

Delta R.T. -0.003 min

Lab File: VV020115.D

Acq: 21 Jan 2021 19:40

Tgt Ion: 164 Resp: 365029

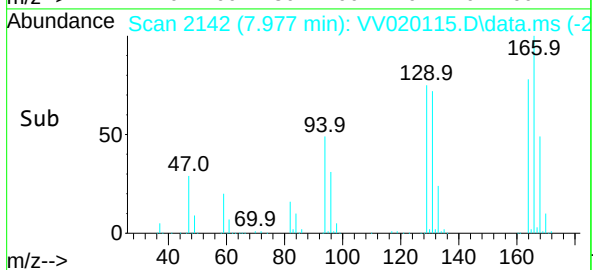
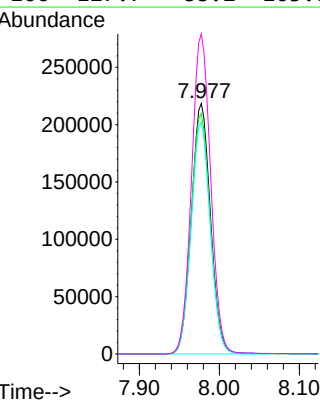
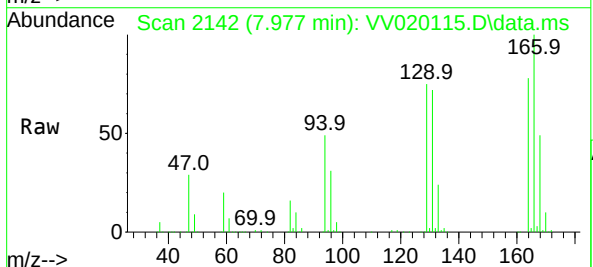
Ion Ratio Lower Upper

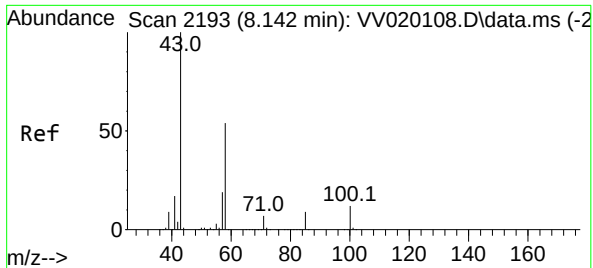
164 100

129 95.9 70.6 131.0

131 92.4 66.8 124.0

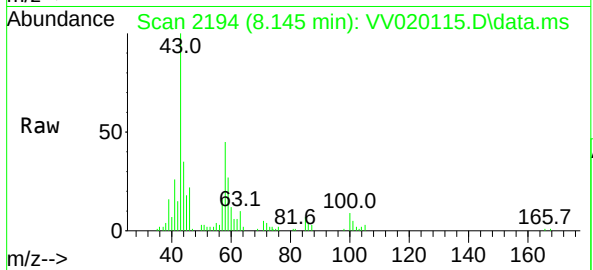
166 127.7 88.2 163.8





#48
 2-Hexanone
 Concen: 5.28 ug/L
 RT: 8.145 min Scan# 2194
 Delta R.T. 0.003 min
 Lab File: VV020115.D
 Acq: 21 Jan 2021 19:40

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E22



Tgt Ion:	43	Resp:	22350
Ion	Ratio	Lower	Upper
43	100		
58	41.2	41.8	62.6#
57	17.4	15.0	22.4
100	8.4	8.9	13.3#

