

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020122.D
 Acq On : 21 Jan 2021 22:25
 Operator : SY/MD
 Sample : M1181-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E39

Quant Time: Jan 22 06:47:39 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)

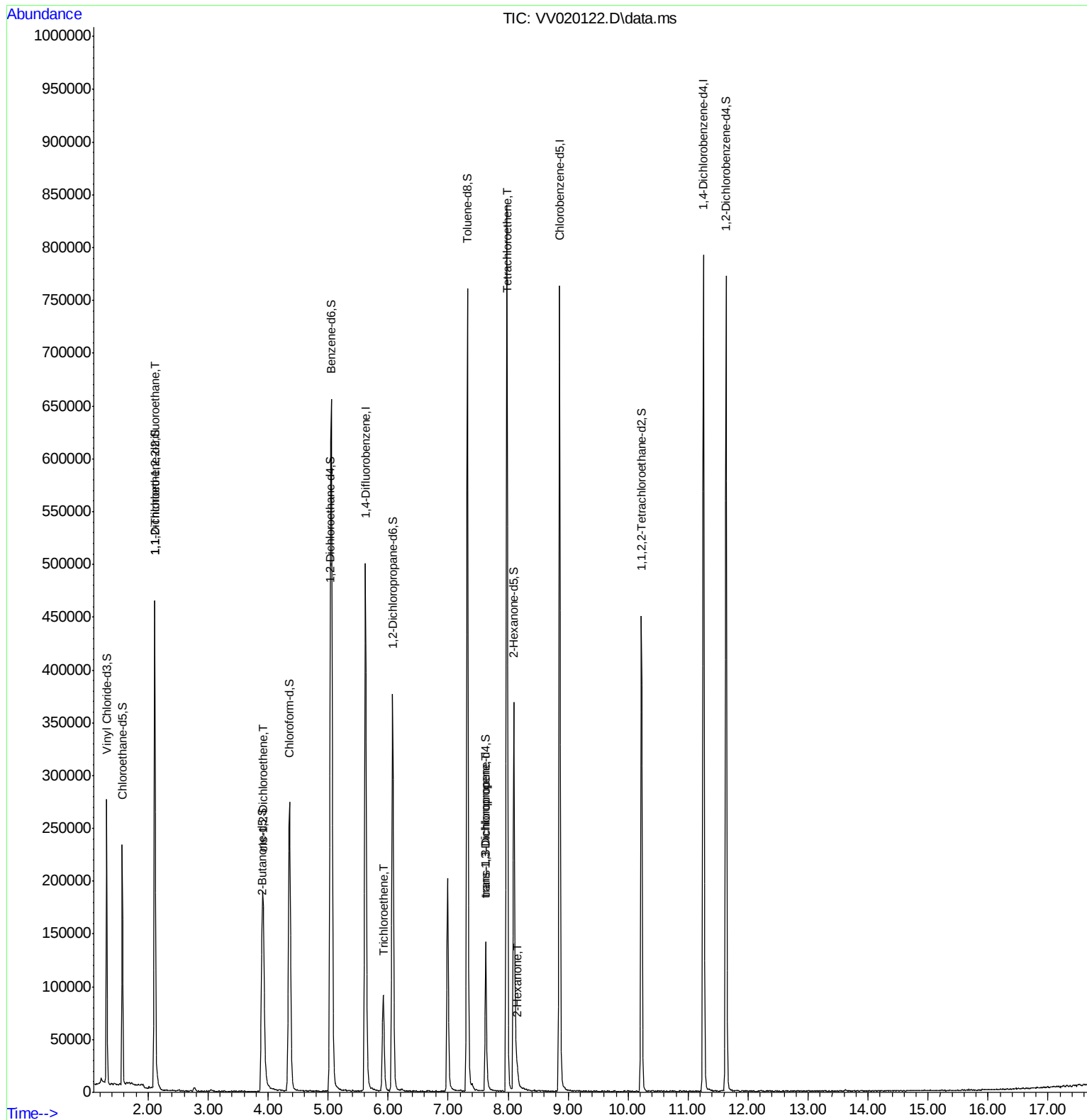
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	398827	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	383384	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	184610	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	167478	56.62	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 113.24%			
7) Chloroethane-d5	1.569	69	140394	56.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.40%			
11) 1,1-Dichloroethene-d2	2.110	63	247838	41.95	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.90%			
21) 2-Butanone-d5	3.894	46	193133	95.20	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 95.20%			
24) Chloroform-d	4.354	84	278408	50.25	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.50%			
26) 1,2-Dichloroethane-d4	5.036	65	199854	52.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.08%			
32) Benzene-d6	5.055	84	525941	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
36) 1,2-Dichloropropane-d6	6.074	67	165382	49.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.24%			
41) Toluene-d8	7.322	98	471515	48.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.00%			
43) trans-1,3-Dichloroprop...	7.627	79	75610	46.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.72%			
47) 2-Hexanone-d5	8.093	63	111508	80.48	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.48%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	200607	43.97	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.94%			
64) 1,2-Dichlorobenzene-d4	11.633	152	177254	51.10	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.20%			
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2363	0.84	ug/L #	27
20) cis-1,2-Dichloroethene	3.917	96	64653	22.41	ug/L	99
34) Trichloroethene	5.923	95	25102	7.71	ug/L	99
44) trans-1,3-Dichloropropene	7.624	75	4189	0.95	ug/L	92
46) Tetrachloroethene	7.981	164	168854	69.44	ug/L	99
48) 2-Hexanone	8.148	43	10156	2.91	ug/L #	51

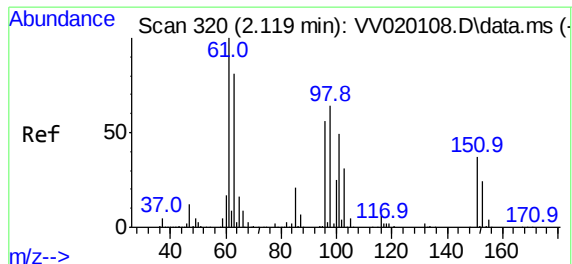
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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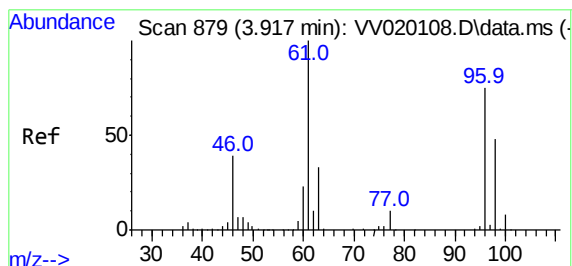
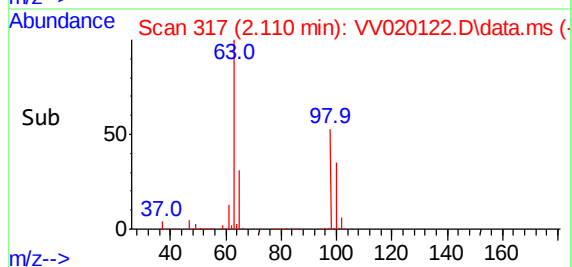
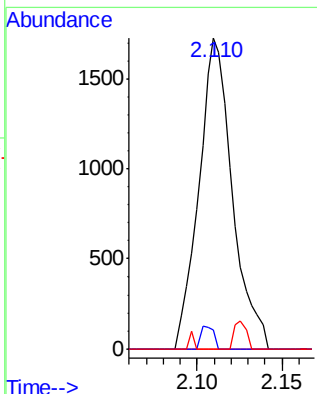
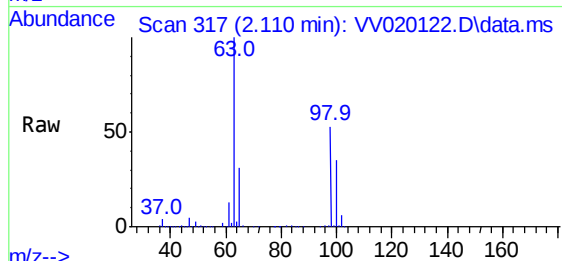




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.84 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020122.D
 Acq: 21 Jan 2021 22:25

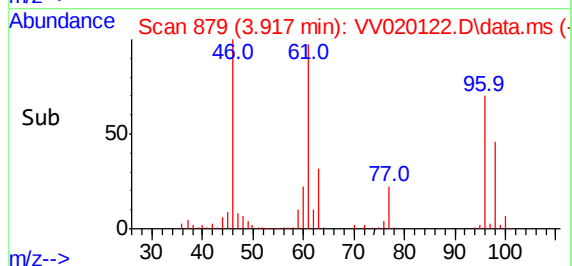
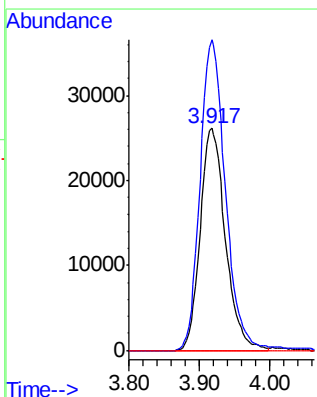
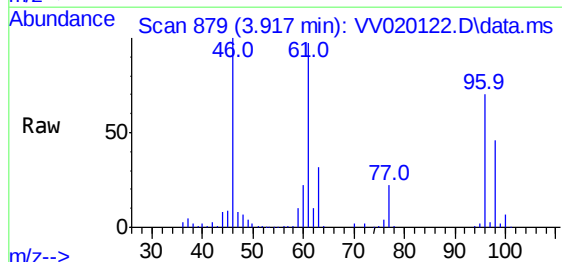
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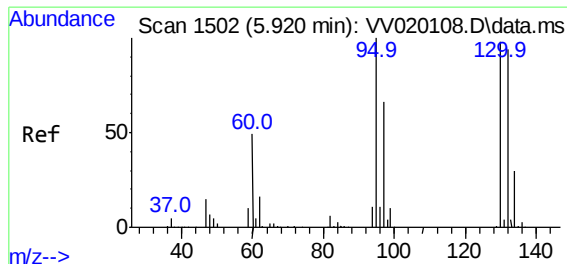
Tgt Ion:101 Resp: 2363
 Ion Ratio Lower Upper
 101 100
 85 2.8 35.3 52.9#
 151 3.3 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 22.41 ug/L
 RT: 3.917 min Scan# 879
 Delta R.T. 0.000 min
 Lab File: VV020122.D
 Acq: 21 Jan 2021 22:25

Tgt Ion: 96 Resp: 64653
 Ion Ratio Lower Upper
 96 100
 61 140.0 96.9 179.9
 68 0.0 0.0 0.0

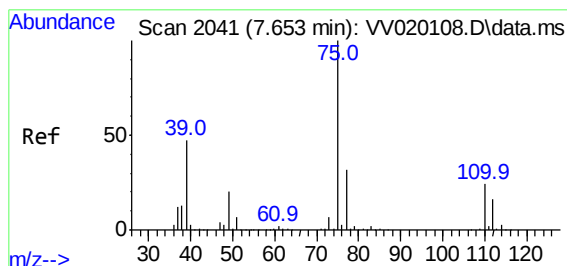
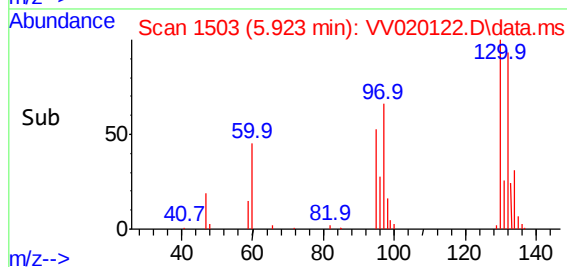
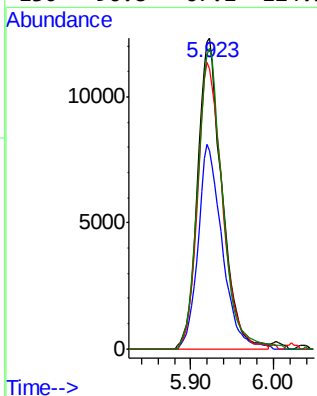
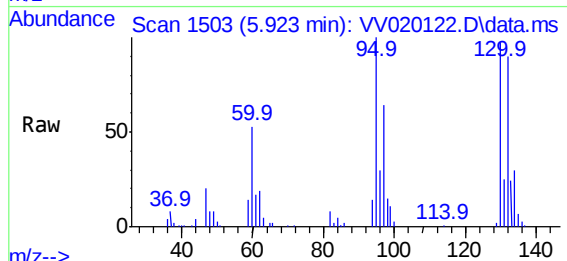




#34
Trichloroethene
Concen: 7.71 ug/L
RT: 5.923 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VV020122.D
Acq: 21 Jan 2021 22:25

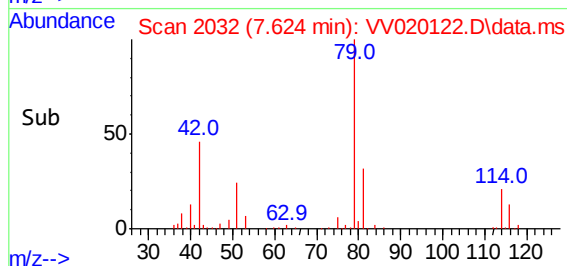
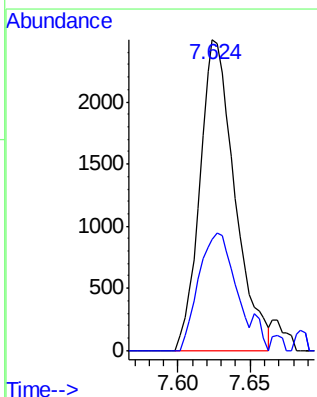
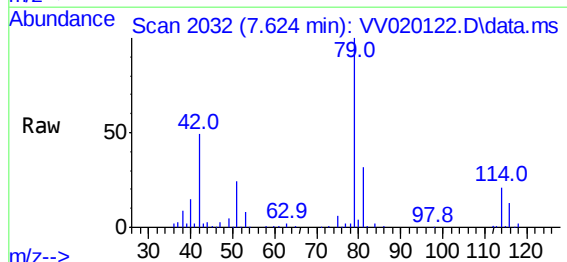
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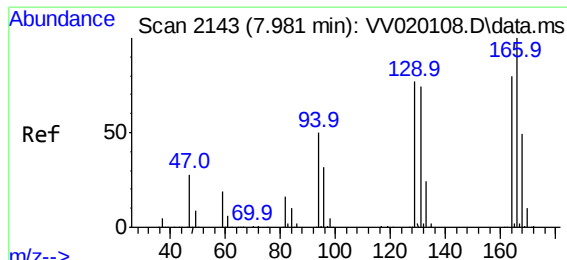
Tgt Ion: 95 Resp: 25102
Ion Ratio Lower Upper
95 100
97 63.8 44.5 82.7
132 90.0 63.4 117.8
130 96.8 67.1 124.5



#44
trans-1,3-Dichloropropene
Concen: 0.95 ug/L
RT: 7.624 min Scan# 2032
Delta R.T. -0.029 min
Lab File: VV020122.D
Acq: 21 Jan 2021 22:25

Tgt Ion: 75 Resp: 4189
Ion Ratio Lower Upper
75 100
77 35.8 22.0 41.0

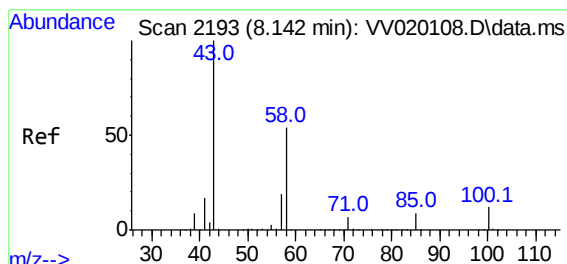
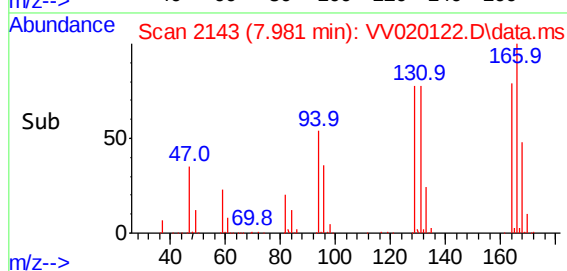
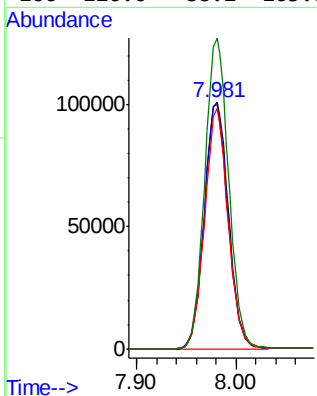
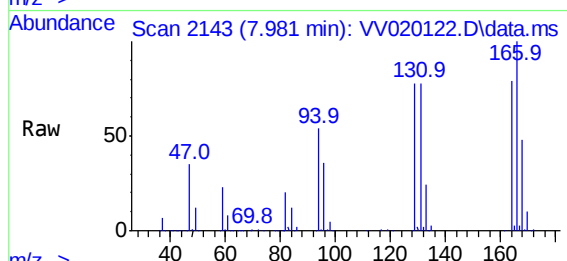




#46
Tetrachloroethene
Concen: 69.44 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.000 min
Lab File: VV020122.D
Acq: 21 Jan 2021 22:25

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Tgt Ion:164 Resp: 168854
Ion Ratio Lower Upper
164 100
129 98.9 70.6 131.0
131 97.7 66.8 124.0
166 126.0 88.2 163.8



#48
2-Hexanone
Concen: 2.91 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020122.D
Acq: 21 Jan 2021 22:25

Tgt Ion: 43 Resp: 10156
Ion Ratio Lower Upper
43 100
58 12.8 41.8 62.6#
57 0.0 15.0 22.4#
100 0.7 8.9 13.3#

