

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100721\
 Data File : VV022669.D
 Acq On : 07 Oct 2021 17:53
 Operator : SY/MD
 Sample : M4051-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AW1

Quant Time: Oct 08 04:03:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 08 04:01:59 2021
 Response via : Initial Calibration

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

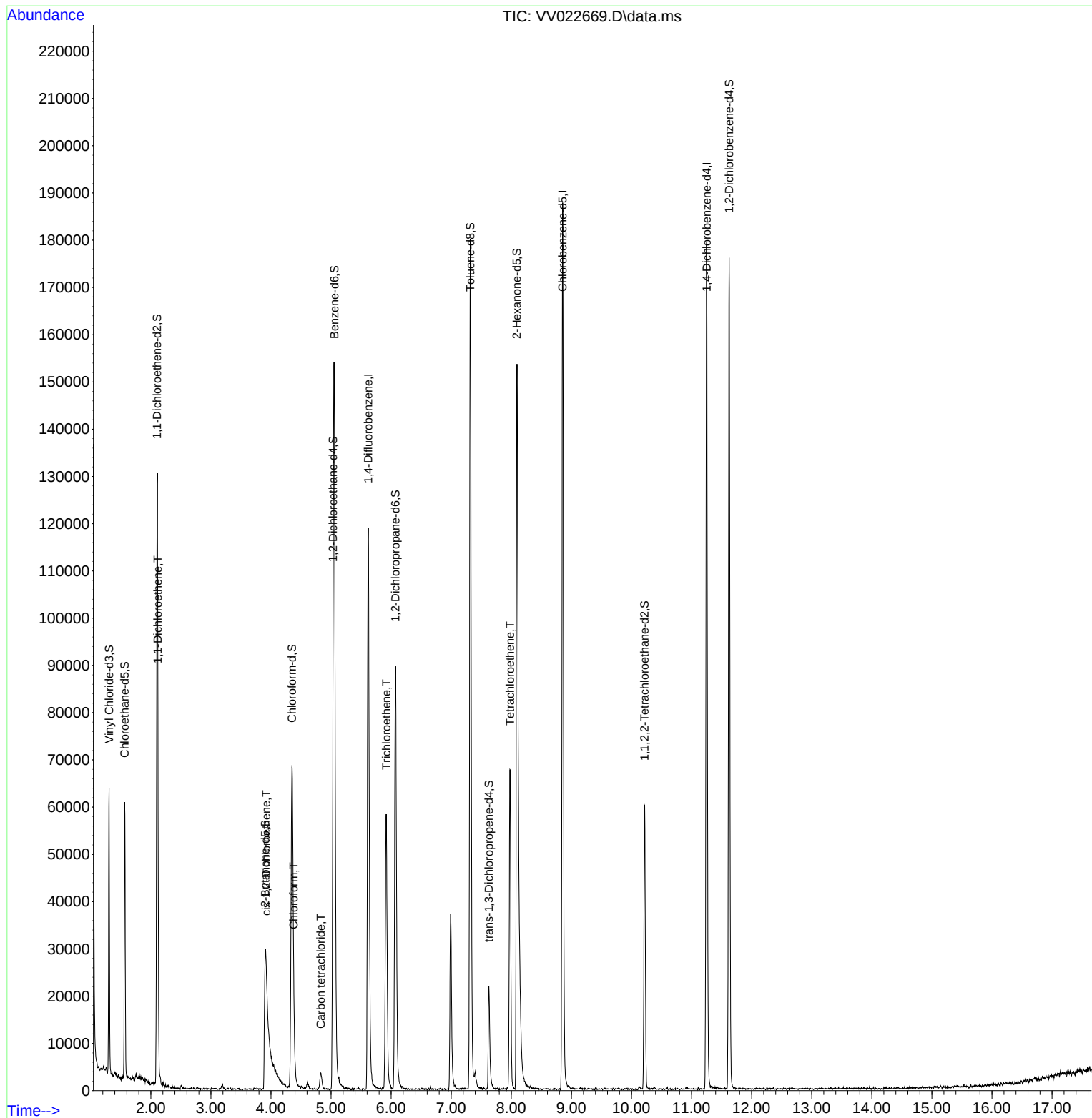
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	106987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108971	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	49595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	36922	5.016	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.400%		
7) Chloroethane-d5	1.564	69	34866	5.271	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 105.400%		
11) 1,1-Dichloroethene-d2	2.105	63	62139	4.303	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 86.000%		
20) 2-Butanone-d5	3.905	46	69328	35.920	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 71.840%		
24) Chloroform-d	4.349	84	70044	4.618	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 92.400%		
26) 1,2-Dichloroethane-d4	5.034	65	35542	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.600%		
32) Benzene-d6	5.053	84	142545	4.394	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 87.800%		
36) 1,2-Dichloropropane-d6	6.072	67	45344	4.720	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 94.400%		
41) Toluene-d8	7.317	98	121311	4.326	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 86.600%		
43) trans-1,3-Dichloroprop...	7.625	79	13113	4.115	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.200%		
46) 2-Hexanone-d5	8.092	63	55469	43.190	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.380%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29168	4.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 89.600%		
66) 1,2-Dichlorobenzene-d4	11.625	152	47585	5.175	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 103.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.117	96	11070	1.713	ug/L	# 54
22) cis-1,2-Dichloroethene	3.918	96	2453	0.332	ug/L	80
25) Chloroform	4.378	83	7719	0.526	ug/L	92
31) Carbon tetrachloride	4.831	117	2617	0.242	ug/L	97
34) Trichloroethene	5.918	95	20086	2.517	ug/L	97
47) Tetrachloroethene	7.979	164	16401	2.541	ug/L	96

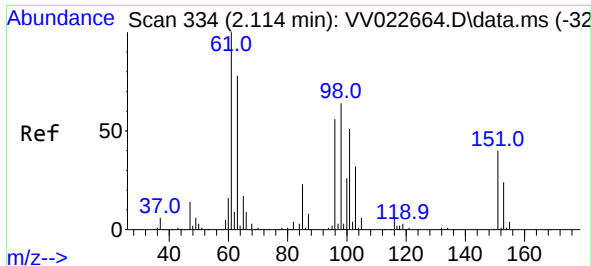
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.713 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

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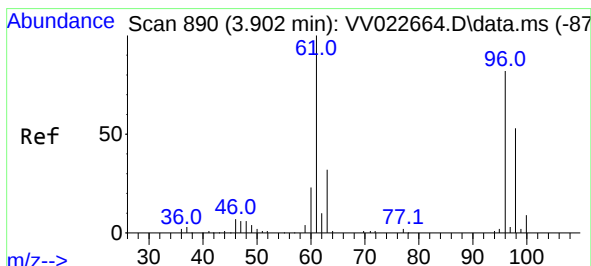
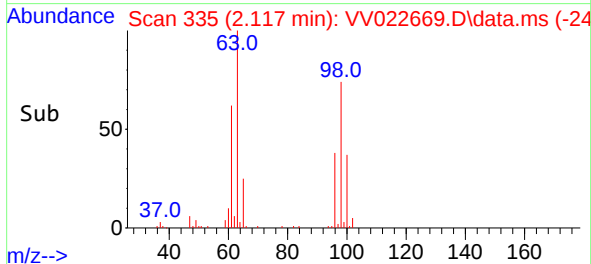
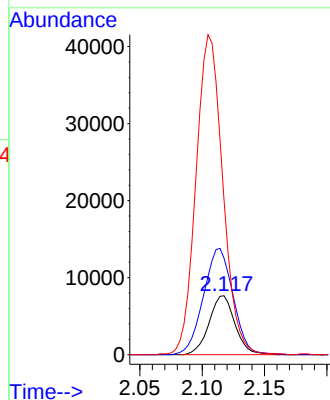
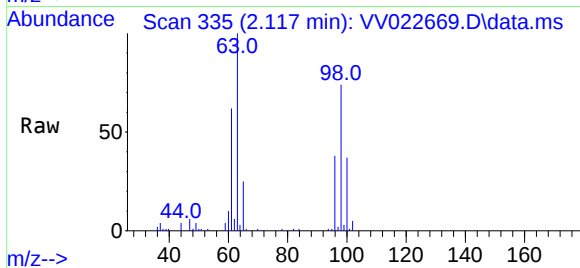
Tgt Ion: 96 Resp: 11070

Ion Ratio Lower Upper

96 100

61 163.7 127.3 236.5

63 262.4 106.2 197.2#



#22

cis-1,2-Dichloroethene

Concen: 0.332 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.016 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

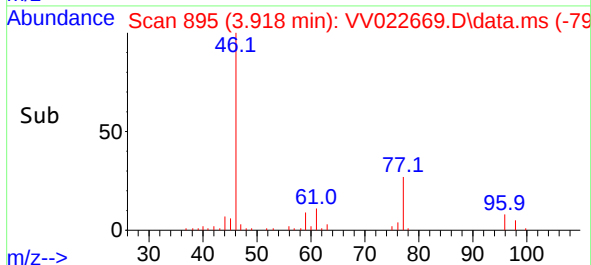
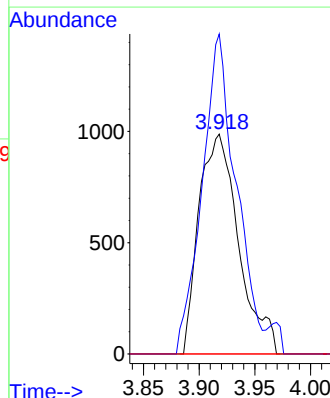
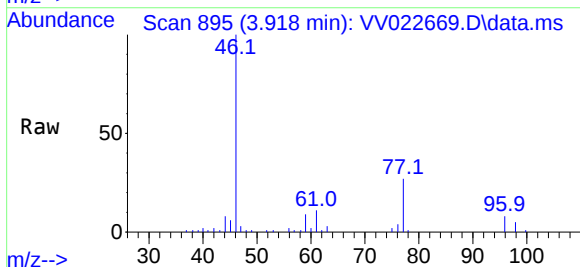
Tgt Ion: 96 Resp: 2453

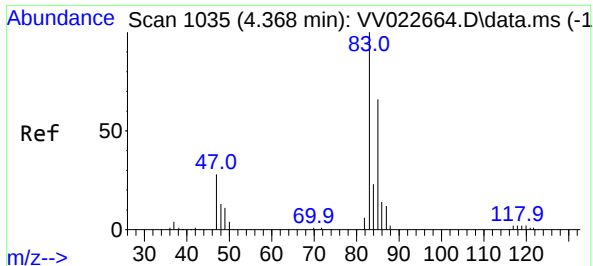
Ion Ratio Lower Upper

96 100

61 145.5 86.0 159.6

68 0.0 0.0 0.0



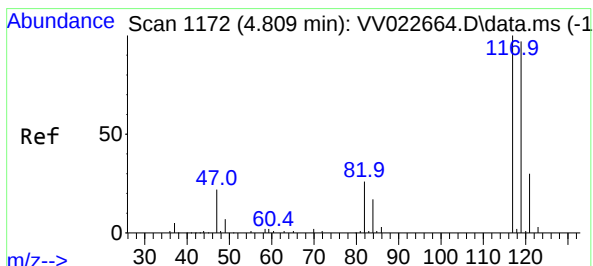
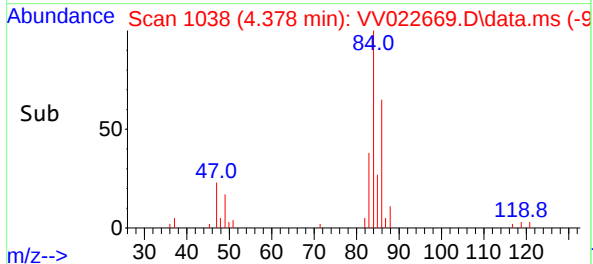
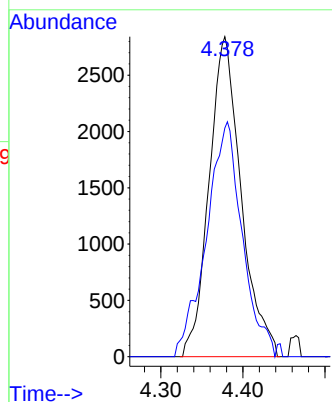
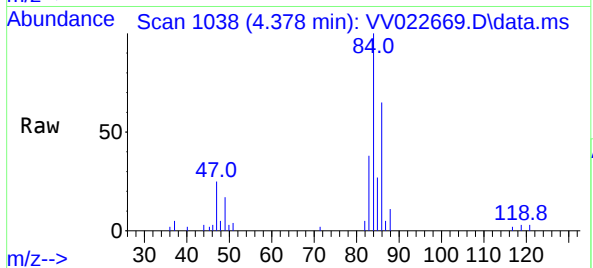


#25

Chloroform
 Concen: 0.526 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.010 min
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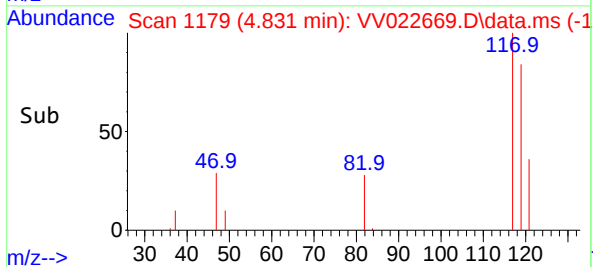
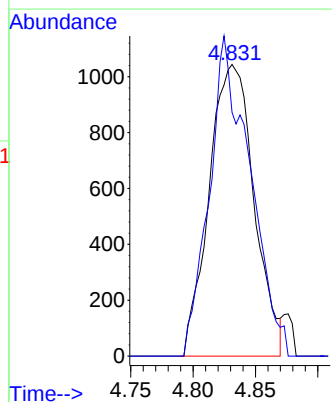
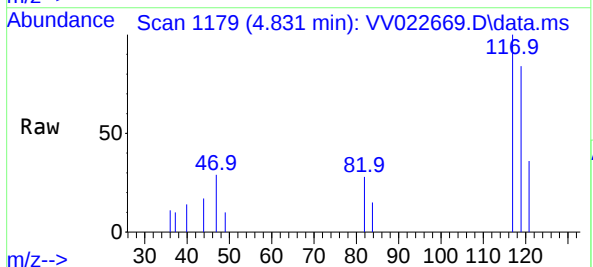
Tgt Ion: 83 Resp: 7719
 Ion Ratio Lower Upper
 83 100
 85 71.5 45.7 84.9

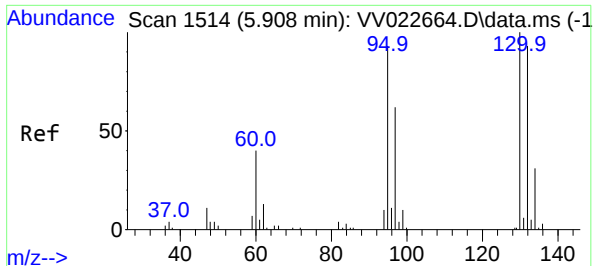


#31

Carbon tetrachloride
 Concen: 0.242 ug/L
 RT: 4.831 min Scan# 1179
 Delta R.T. 0.023 min
 Lab File: VV022669.D
 Acq: 07 Oct 2021 17:53

Tgt Ion: 117 Resp: 2617
 Ion Ratio Lower Upper
 117 100
 119 99.2 77.4 116.0





#34

Trichloroethene

Concen: 2.517 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.010 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 95 Resp: 20086

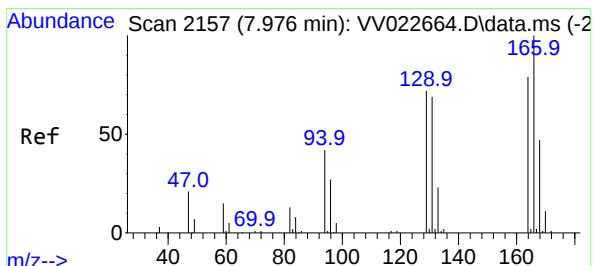
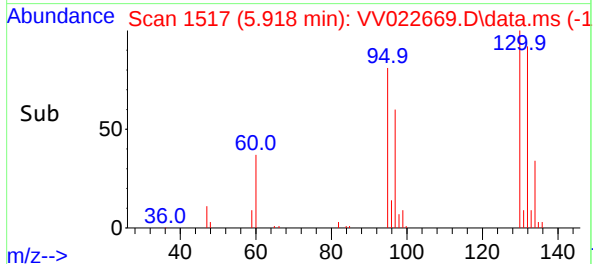
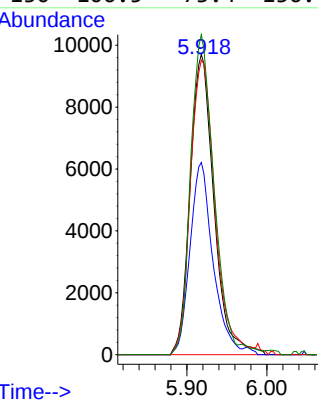
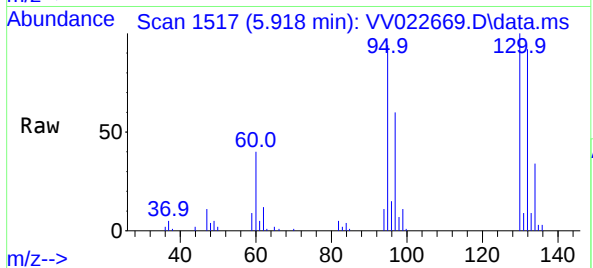
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 98.1 72.2 134.0

130 106.5 73.4 136.4



#47

Tetrachloroethene

Concen: 2.541 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022669.D

Acq: 07 Oct 2021 17:53

Tgt Ion: 164 Resp: 16401

Ion Ratio Lower Upper

164 100

129 87.9 65.0 120.6

131 88.6 62.2 115.4

166 120.9 89.2 165.8

