

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024185.D
 Acq On : 27 Dec 2021 17:27
 Operator : SY/MD
 Sample : M5126-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

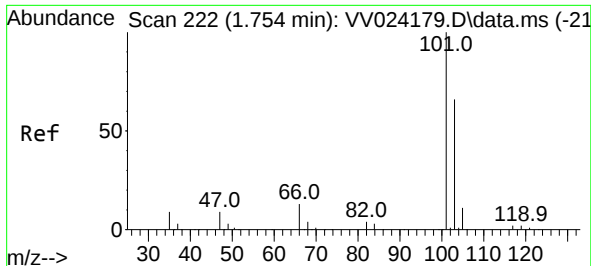
Instrument :
 MSVOA_V
 ClientSampleId :
 C0J10

Quant Time: Dec 28 05:51:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	155591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	157519	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	85227	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	42537	3.635	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.600%	
7) Chloroethane-d5	1.568	69	38231	3.917	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.400%	
11) 1,1-Dichloroethene-d2	2.111	63	64392	2.264	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.200%#	
20) 2-Butanone-d5	3.895	46	96699	74.385	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	148.780%#	
24) Chloroform-d	4.349	84	97027	3.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
26) 1,2-Dichloroethane-d4	5.034	65	47095	4.235	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.600%	
32) Benzene-d6	5.050	84	186153	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.069	67	53830	4.620	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.400%	
41) Toluene-d8	7.316	98	167688	4.000	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.625	79	19549	3.962	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.088	63	81930	49.386	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.780%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36962	4.646	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	69266	4.675	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	12656	0.280	ug/L	97
19) 1,1-Dichloroethane	3.191	63	3898	0.103	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	9641	0.429	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	20901	0.526	ug/L	99
34) Trichloroethene	5.921	95	4836	0.207	ug/L	97
47) Tetrachloroethene	7.979	164	5978	0.288	ug/L	96

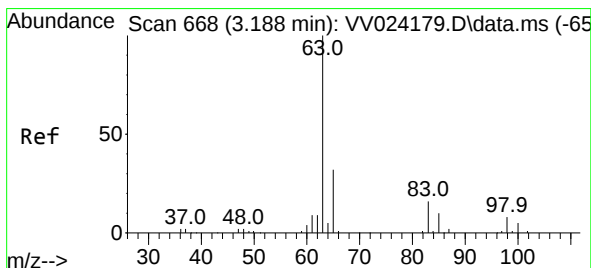
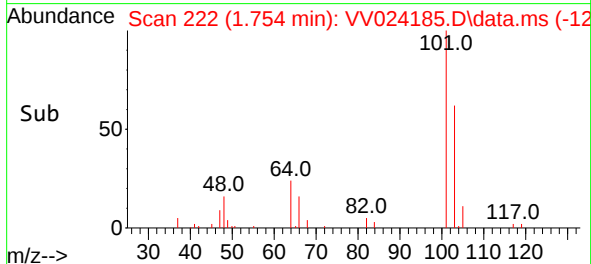
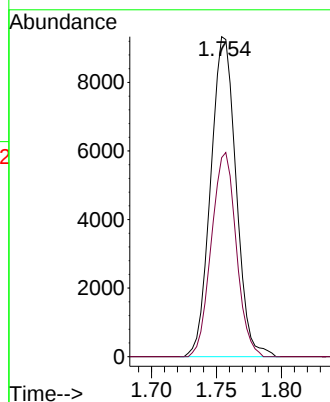
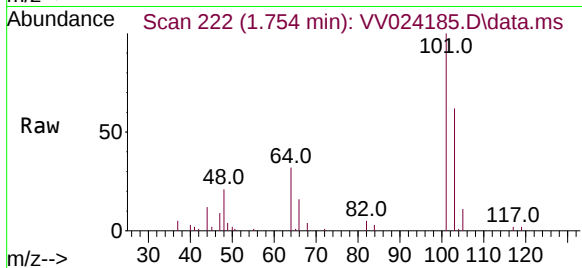
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 0.280 ug/L
 RT: 1.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024185.D
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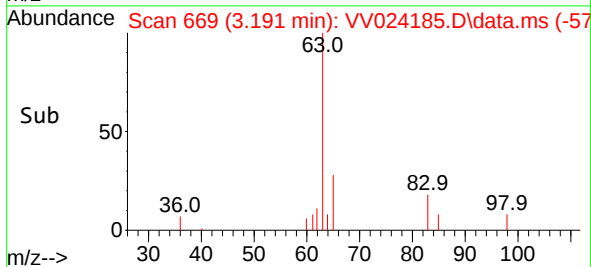
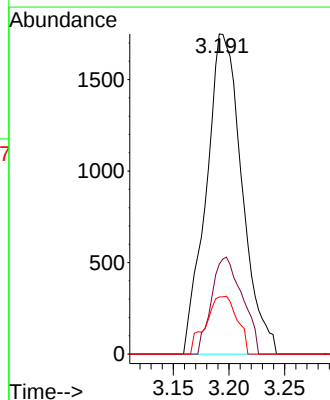
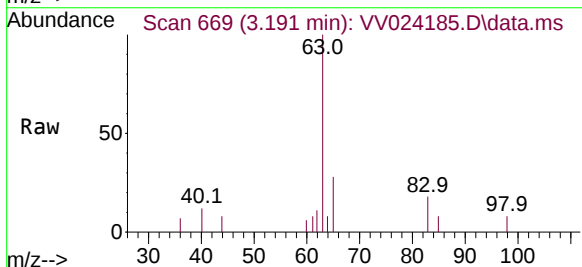
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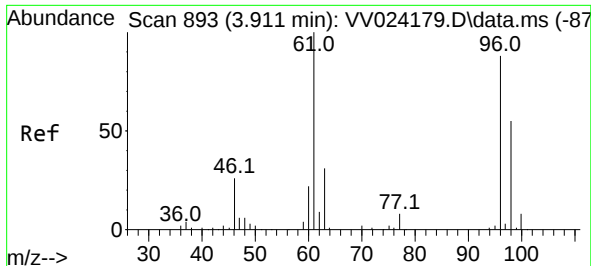
Tgt Ion:101 Resp: 12656
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.6 77.4



#19
 1,1-Dichloroethane
 Concen: 0.103 ug/L
 RT: 3.191 min Scan# 669
 Delta R.T. -0.000 min
 Lab File: VV024185.D
 Acq: 27 Dec 2021 17:27

Tgt Ion: 63 Resp: 3898
 Ion Ratio Lower Upper
 63 100
 65 28.1 22.3 41.3
 83 17.8 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 0.429 ug/L

RT: 3.918 min Scan# 893

Delta R.T. 0.006 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

Instrument :

MSVOA_V

ClientSampleId :

C0J10

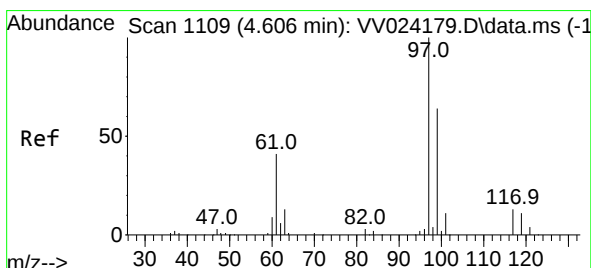
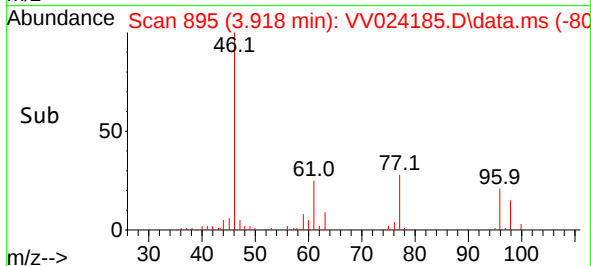
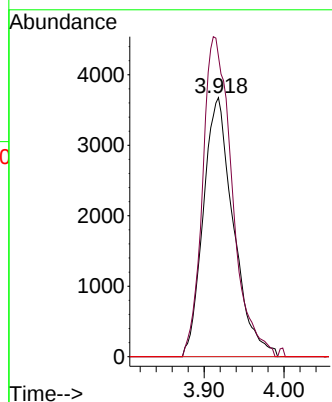
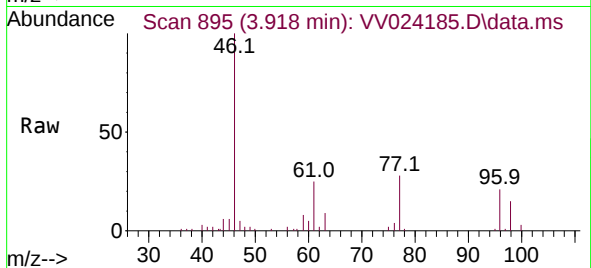
Tgt Ion: 96 Resp: 9641

Ion Ratio Lower Upper

96 100

61 116.0 83.4 154.8

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.526 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024185.D

Acq: 27 Dec 2021 17:27

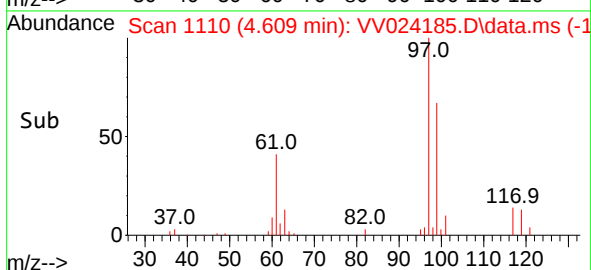
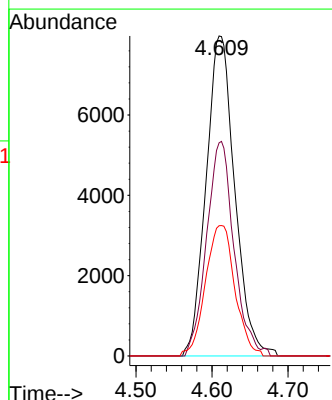
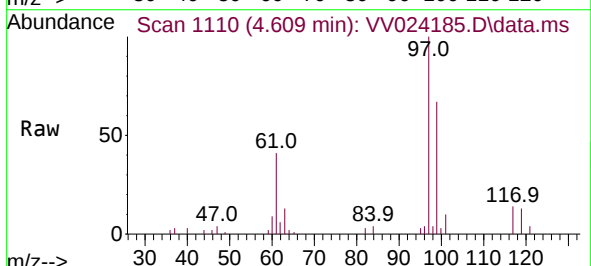
Tgt Ion: 97 Resp: 20901

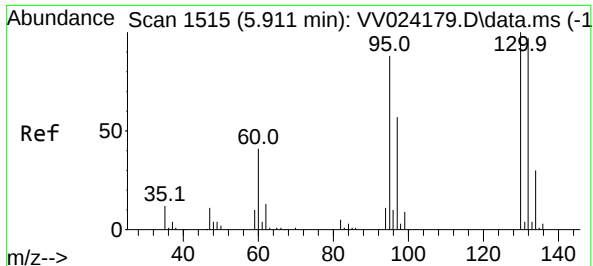
Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 41.7 33.2 49.8

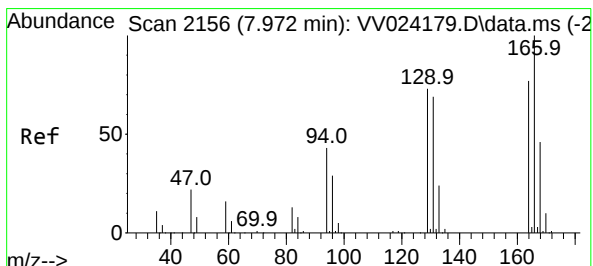
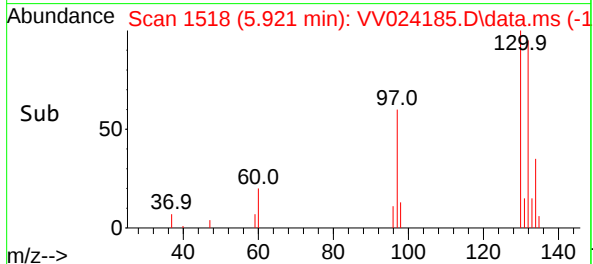
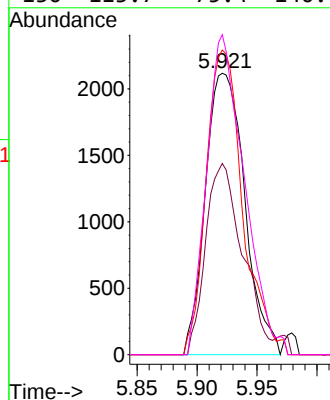
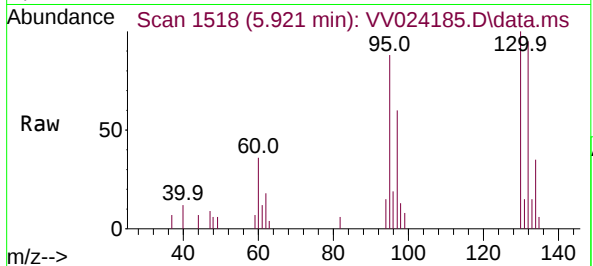




#34
Trichloroethene
Concen: 0.207 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27

Instrument :
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ClientSampleId :
C0J10

Tgt Ion: 95 Resp: 4836
Ion Ratio Lower Upper
95 100
97 67.9 45.2 84.0
132 108.3 76.1 141.3
130 113.7 75.4 140.0



#47
Tetrachloroethene
Concen: 0.288 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV024185.D
Acq: 27 Dec 2021 17:27

Tgt Ion: 164 Resp: 5978
Ion Ratio Lower Upper
164 100
129 89.7 62.6 116.2
131 79.9 61.0 113.4
166 128.3 87.3 162.1

