

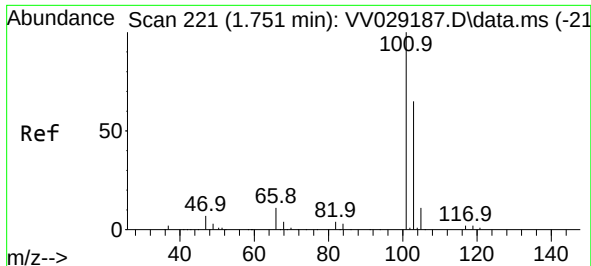
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029201.D
 Acq On : 20 Nov 2022 03:47
 Operator : SY/MD
 Sample : N5651-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1G5

Quant Time: Nov 20 04:32:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 03:53:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	301592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	276390	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	127687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	94285	5.128	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.600%	
7) Chloroethane-d5	1.568	69	78546	4.859	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.200%	
11) 1,1-Dichloroethene-d2	2.108	63	125072	3.733	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.892	46	136734	44.426	ug/L	-0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	=	88.860%	
24) Chloroform-d	4.342	84	169058	4.478	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.600%	
26) 1,2-Dichloroethane-d4	5.031	65	78228	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.200%	
32) Benzene-d6	5.047	84	358433	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
36) 1,2-Dichloropropane-d6	6.066	67	104643	4.542	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.800%	
41) Toluene-d8	7.310	98	310144	4.176	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	7.622	79	30391	4.045	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.800%	
46) 2-Hexanone-d5	8.088	63	139089	43.369	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.740%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	74539	4.667	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.400%	
66) 1,2-Dichlorobenzene-d4	11.615	152	111676	4.889	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						
9) Trichlorofluoromethane	1.751	101	2409222	75.074	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	28404	1.563	ug/L	99
12) 1,1-Dichloroethene	2.117	96	11653	0.638	ug/L #	1
19) 1,1-Dichloroethane	3.188	63	107268	3.099	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	16424	0.763	ug/L	94
29) 1,1,1-Trichloroethane	4.609	97	5813	0.179	ug/L	95
34) Trichloroethene	5.911	95	119777	5.539	ug/L	98
47) Tetrachloroethene	7.976	164	1529	0.088	ug/L	92

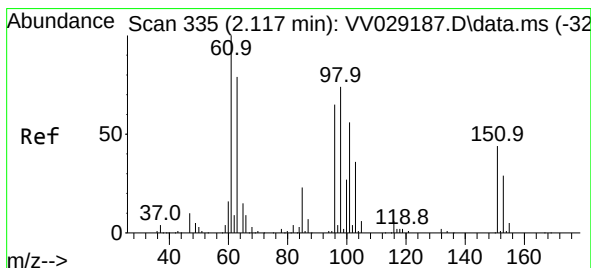
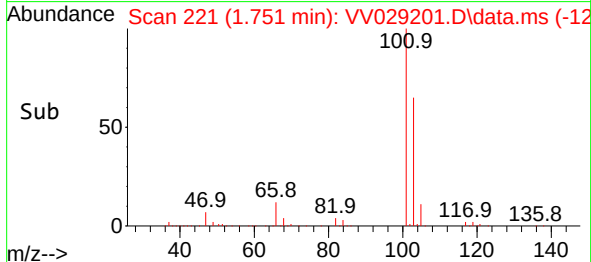
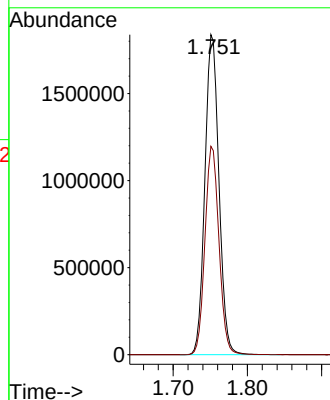
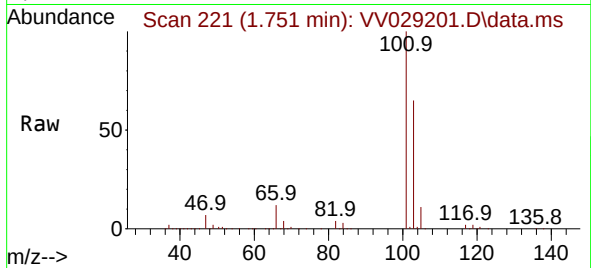
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
 Trichlorofluoromethane
 Concen: 75.074 ug/L
 RT: 1.751 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029201.D
 Acq: 20 Nov 2022 03:47

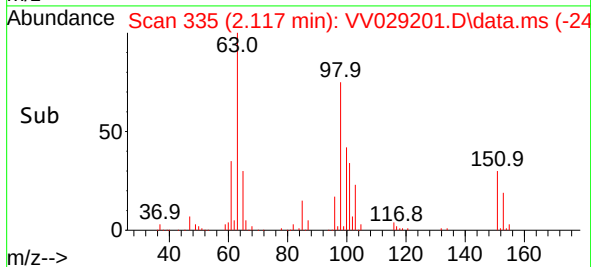
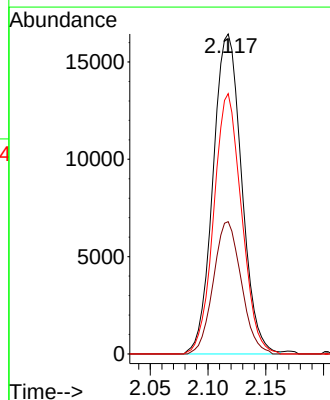
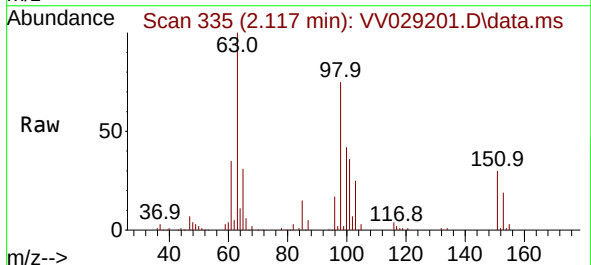
Instrument :
 MSVOA_V
 ClientSampleId :
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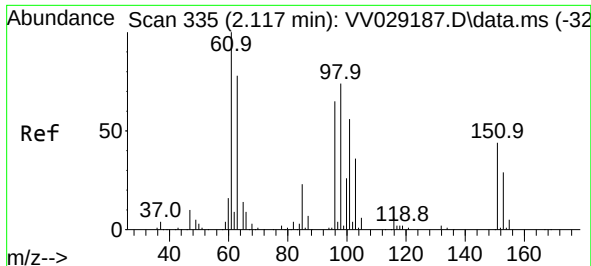
Tgt Ion:101 Resp: 2409222
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.563 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV029201.D
 Acq: 20 Nov 2022 03:47

Tgt Ion:101 Resp: 28404
 Ion Ratio Lower Upper
 101 100
 85 40.2 32.9 49.3
 151 78.9 62.5 93.7

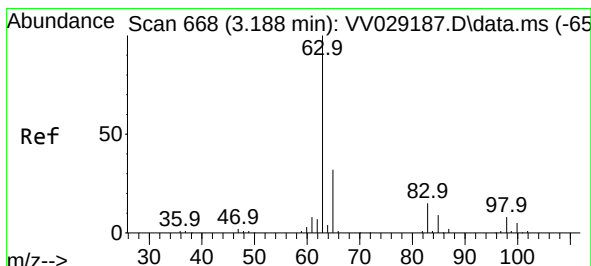
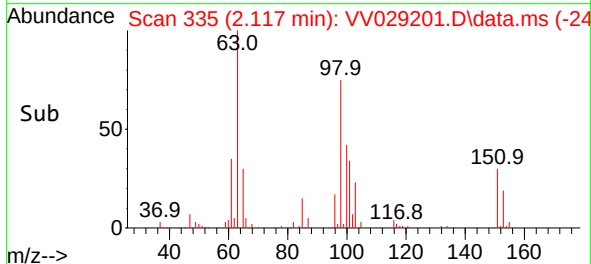
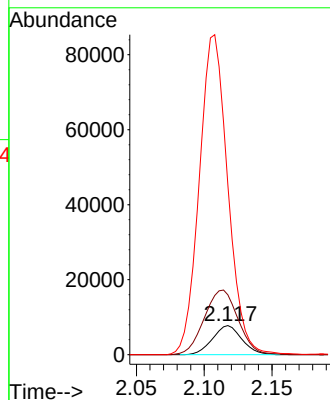
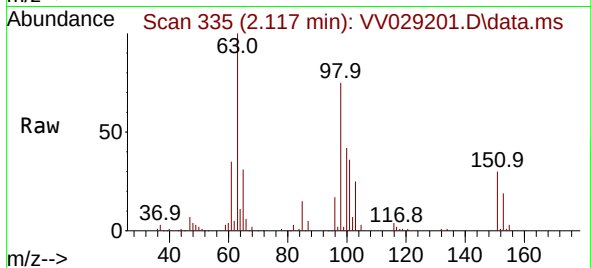




#12
1,1-Dichloroethene
Concen: 0.638 ug/L
RT: 2.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV029201.D
Acq: 20 Nov 2022 03:47

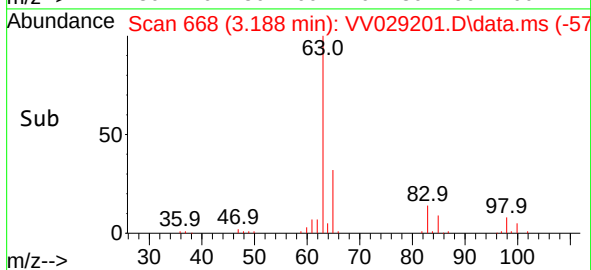
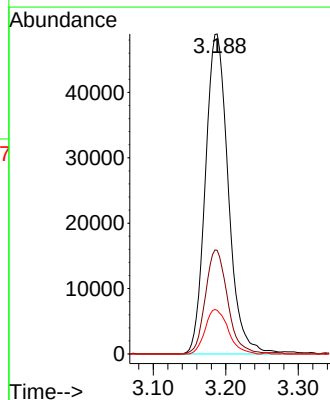
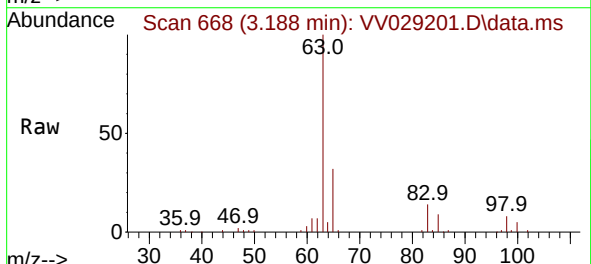
Instrument :
MSVOA_V
ClientSampleId :
BH1G5

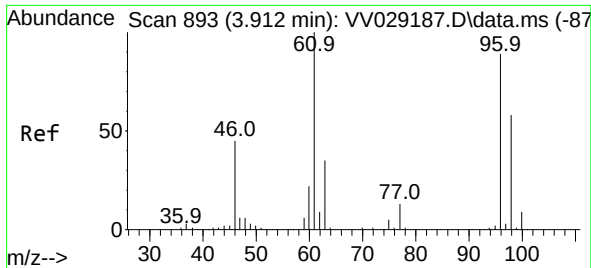
Tgt Ion: 96 Resp: 11653
Ion Ratio Lower Upper
96 100
61 205.4 104.2 193.4#
63 582.2 75.9 140.9#



#19
1,1-Dichloroethane
Concen: 3.099 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV029201.D
Acq: 20 Nov 2022 03:47

Tgt Ion: 63 Resp: 107268
Ion Ratio Lower Upper
63 100
65 32.4 23.0 42.6
83 13.7 9.4 17.6

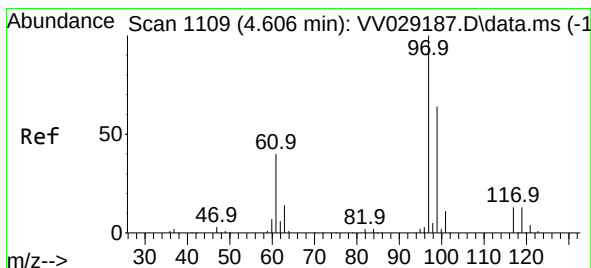
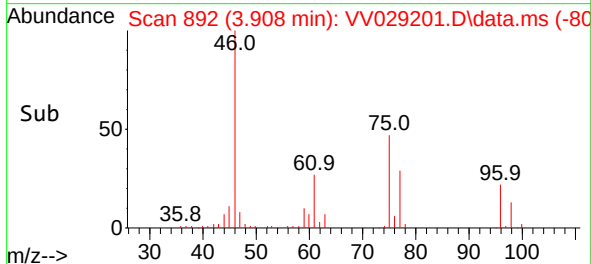
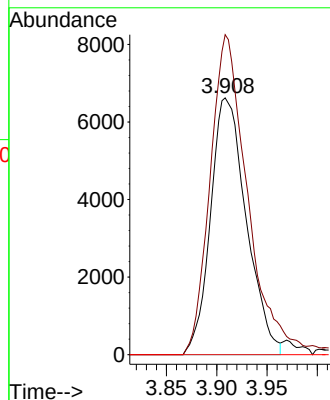
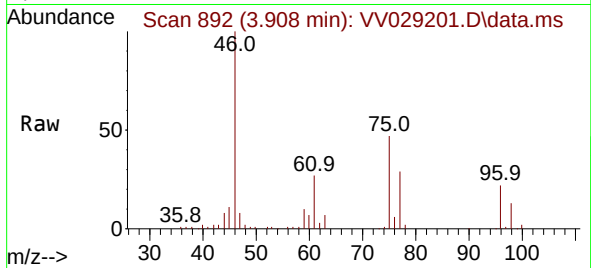




#22
 cis-1,2-Dichloroethene
 Concen: 0.763 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV029201.D
 Acq: 20 Nov 2022 03:47

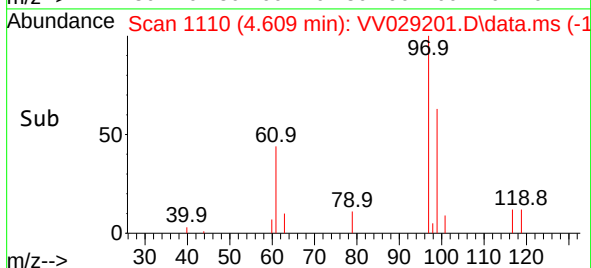
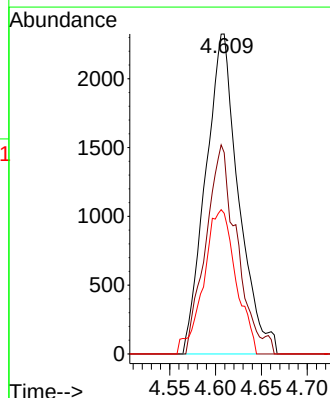
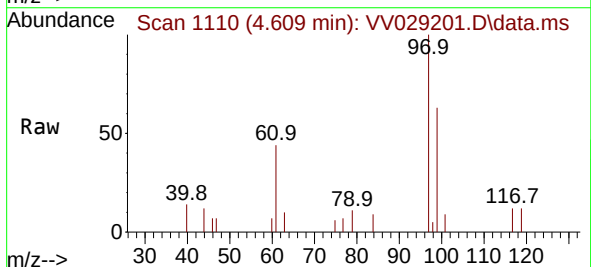
Instrument :
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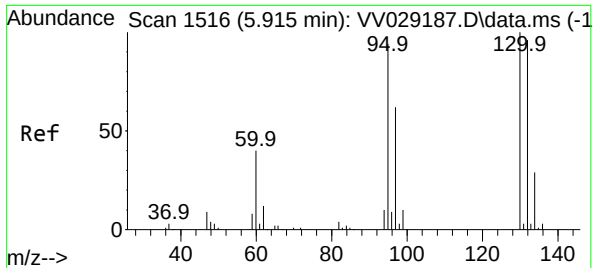
Tgt Ion: 96 Resp: 16424
 Ion Ratio Lower Upper
 96 100
 61 124.6 82.3 152.9
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.179 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.003 min
 Lab File: VV029201.D
 Acq: 20 Nov 2022 03:47

Tgt Ion: 97 Resp: 5813
 Ion Ratio Lower Upper
 97 100
 99 60.7 52.7 79.1
 61 44.2 33.8 50.6

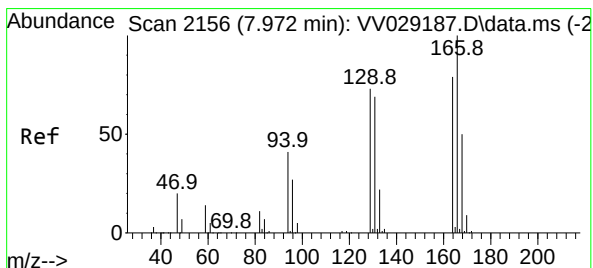
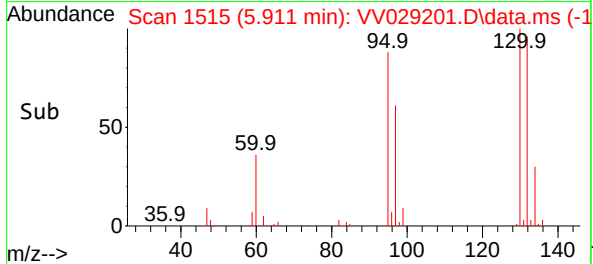
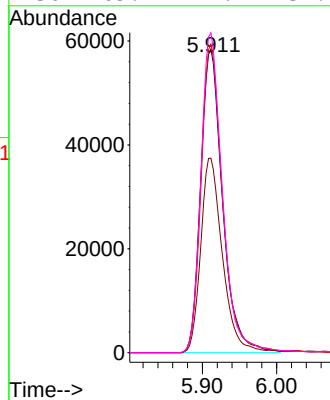
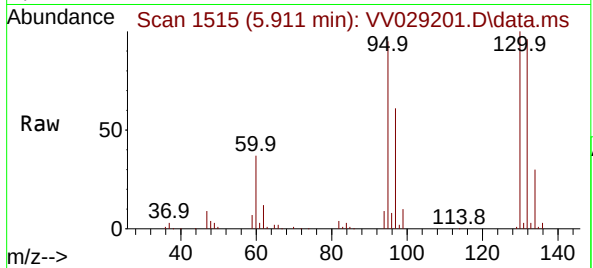




#34
Trichloroethene
Concen: 5.539 ug/L
RT: 5.911 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029201.D
Acq: 20 Nov 2022 03:47

Instrument :
MSVOA_V
ClientSampleId :
BH1G5

Tgt Ion: 95 Resp: 119777
Ion Ratio Lower Upper
95 100
97 64.1 45.6 84.8
132 101.6 69.1 128.3
130 105.4 74.9 139.1



#47
Tetrachloroethene
Concen: 0.088 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV029201.D
Acq: 20 Nov 2022 03:47

Tgt Ion:164 Resp: 1529
Ion Ratio Lower Upper
164 100
129 86.6 63.9 118.7
131 96.6 61.8 114.8
166 117.8 90.2 167.4

