

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022891.D
 Acq On : 25 Jun 2021 01:12
 Operator : JC/MD
 Sample : M2803-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20210619

Quant Time: Jun 25 05:42:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

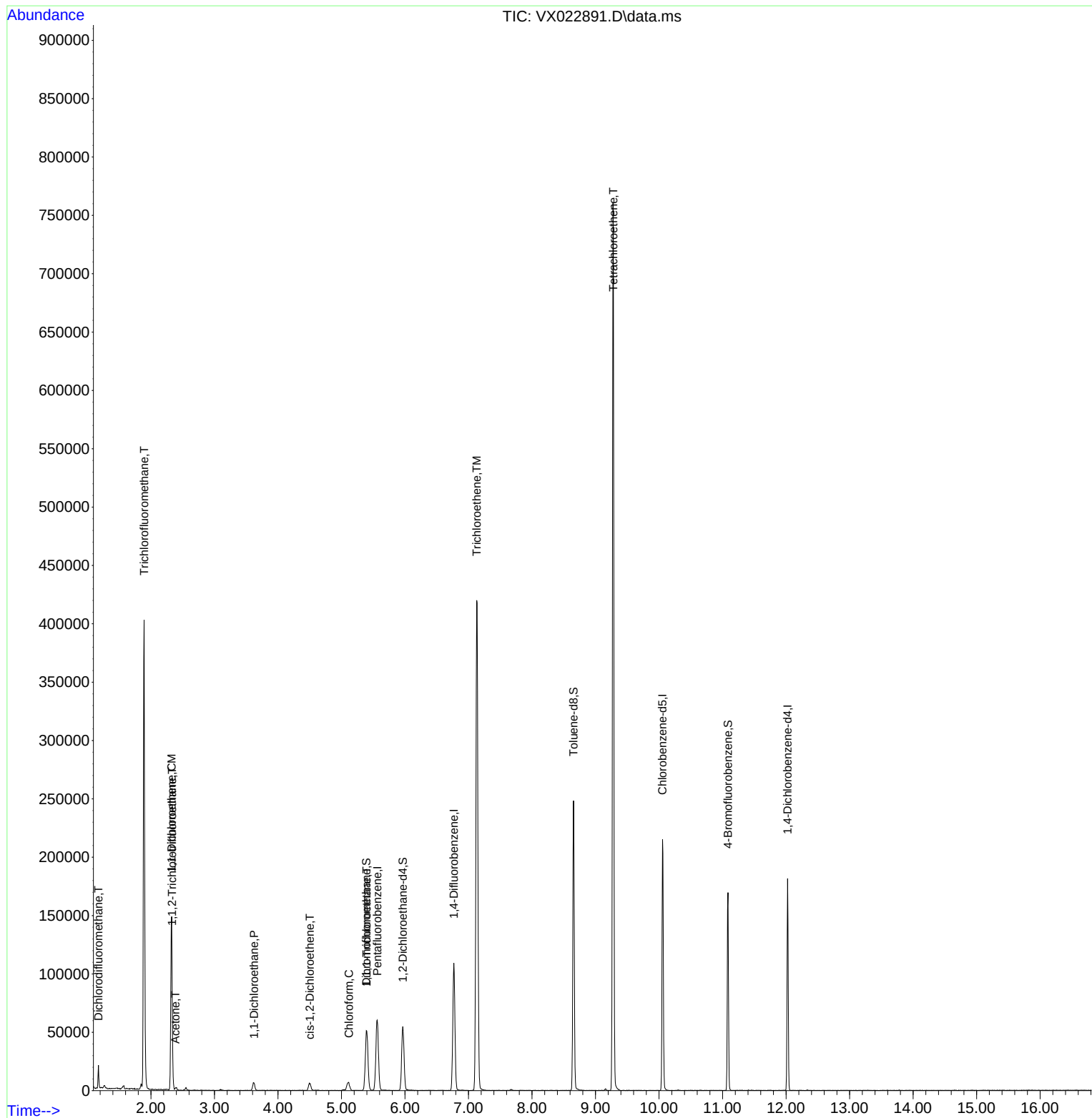
Internal Standards						
1) Pentafluorobenzene	5.562	168	51369	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	103202	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	32074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50219	53.869	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.740%	
35) Dibromofluoromethane	5.391	113	35640	54.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.760%	
50) Toluene-d8	8.653	98	139575	54.342	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	11.085	95	45662	47.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.280%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	9388	12.953	ug/l	92
7) Trichlorofluoromethane	1.892	101	223875	209.850	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	3973	5.948	ug/l #	88
12) 1,1-Dichloroethene	2.325	96	43400	65.124	ug/l	92
16) Acetone	2.386	43	1082	2.618	ug/l #	86
24) 1,1-Dichloroethane	3.623	63	7712	5.481	ug/l	96
27) cis-1,2-Dichloroethene	4.501	96	3735	4.552	ug/l	99
30) Chloroform	5.117	83	8719	6.161	ug/l	87
32) 1,1,1-Trichloroethane	5.397	97	9422	8.286	ug/l	95
44) Trichloroethene	7.129	130	142596	190.231	ug/l	90
64) Tetrachloroethene	9.281	164	118776	187.505	ug/l	91

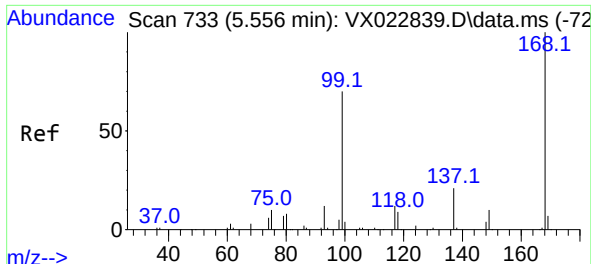
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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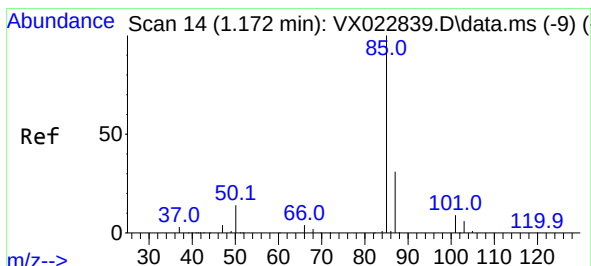
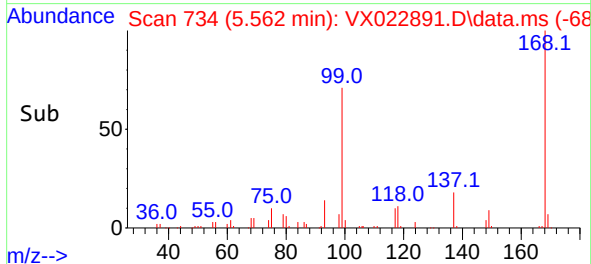
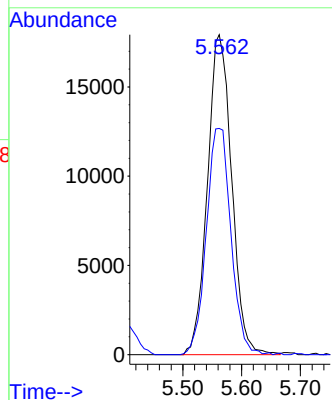
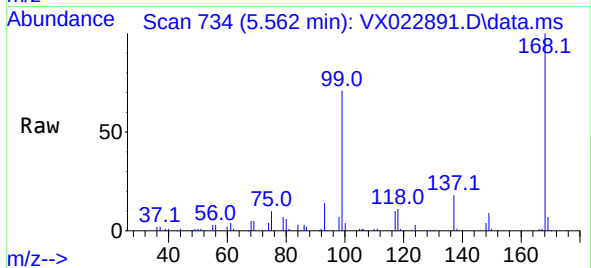




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

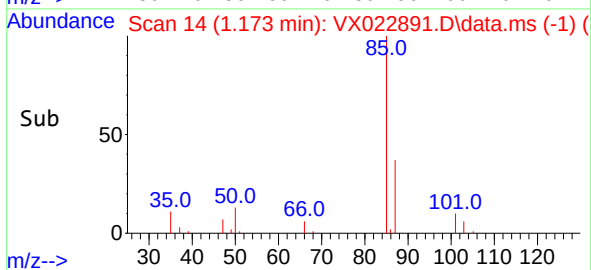
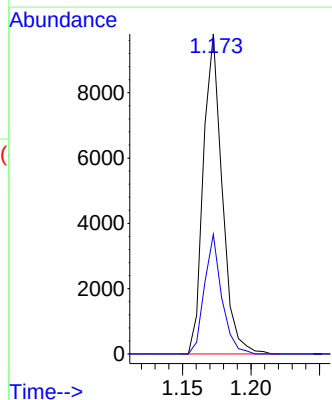
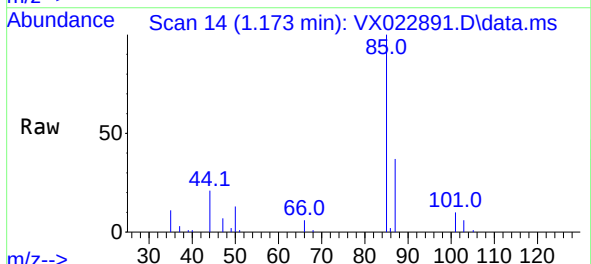
Instrument :
MSVOA_X
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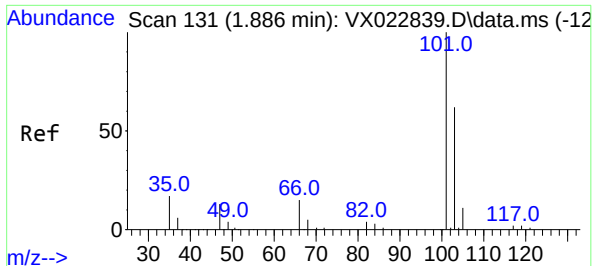
Tgt Ion:168 Resp: 51369
Ion Ratio Lower Upper
168 100
99 70.7 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 12.953 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.001 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion: 85 Resp: 9388
Ion Ratio Lower Upper
85 100
87 37.3 16.4 49.2

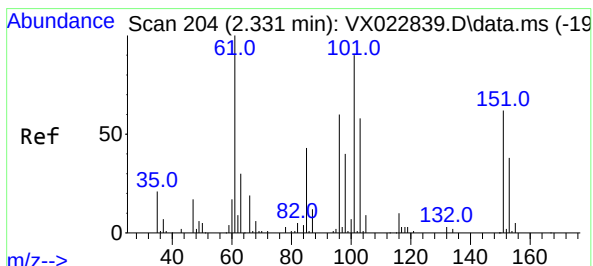
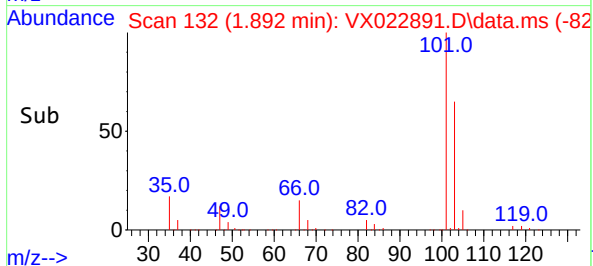
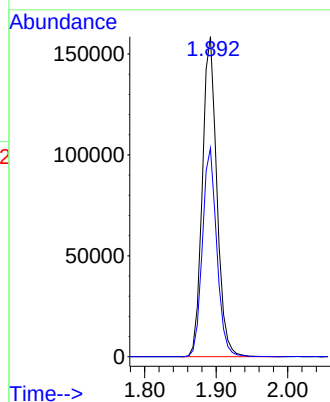
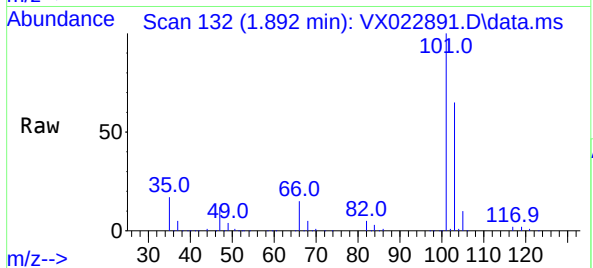




#7
Trichlorofluoromethane
Concen: 209.850 ug/l
RT: 1.892 min Scan# 132
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

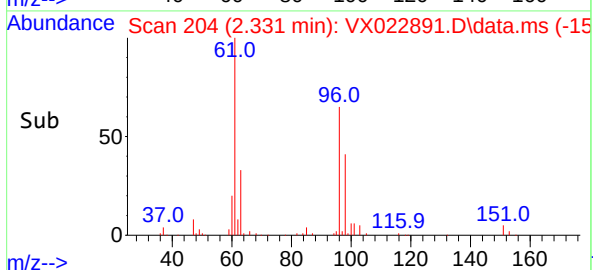
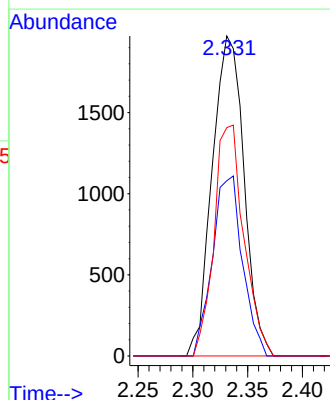
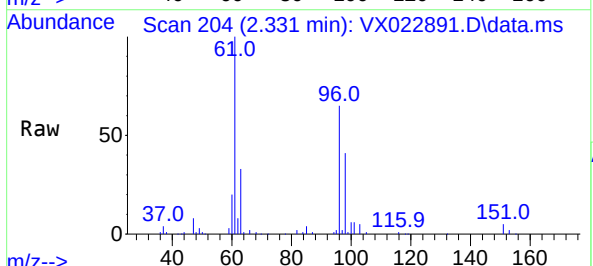
Instrument :
MSVOA_X
ClientSampleId :
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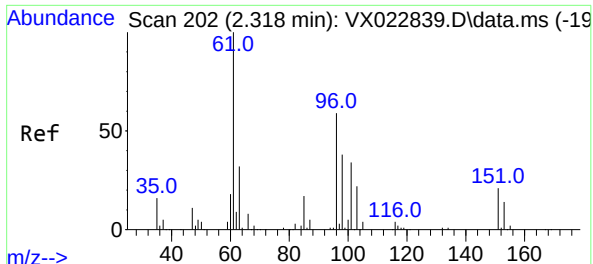
Tgt Ion:101 Resp: 223875
Ion Ratio Lower Upper
101 100
103 65.2 53.2 79.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.948 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion:101 Resp: 3973
Ion Ratio Lower Upper
101 100
85 53.3 34.9 52.3#
151 67.8 61.4 92.2

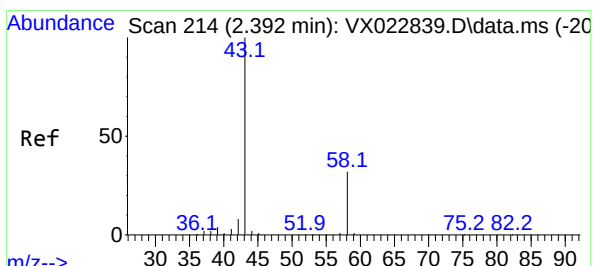
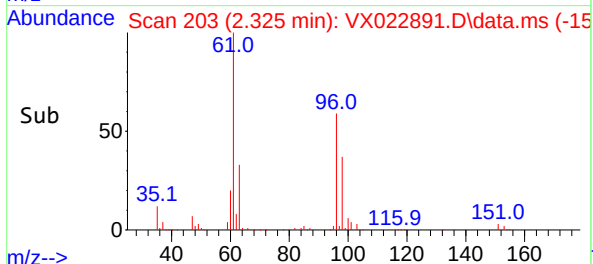
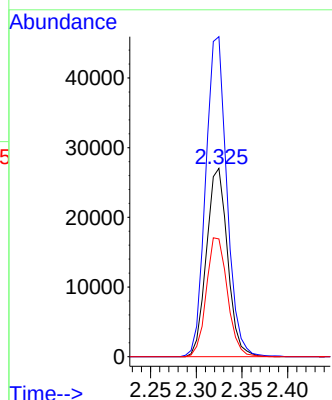
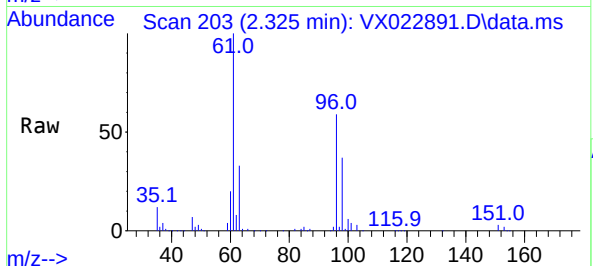




#12
1,1-Dichloroethene
Concen: 65.124 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

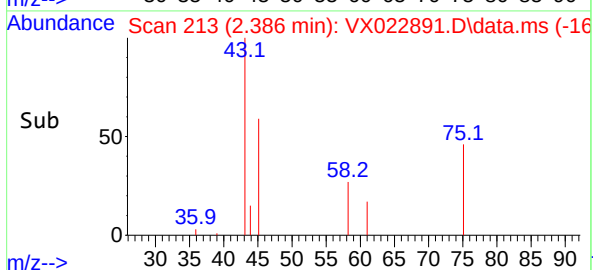
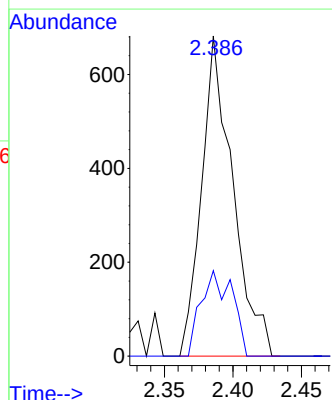
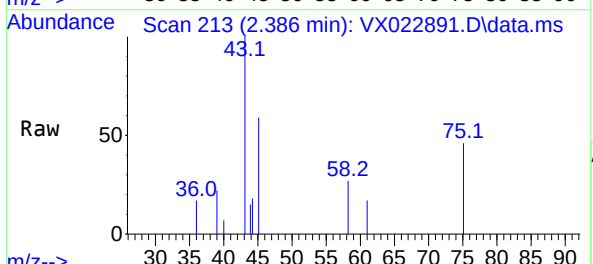
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210619

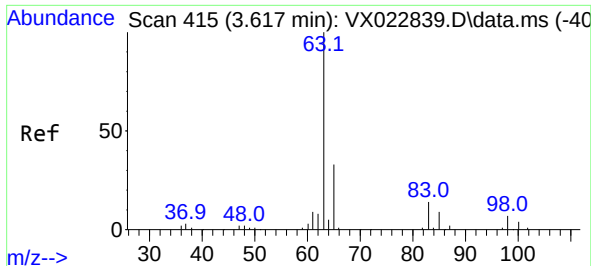
Tgt Ion: 96 Resp: 43400
Ion Ratio Lower Upper
96 100
61 169.9 124.6 187.0
98 62.6 50.6 76.0



#16
Acetone
Concen: 2.618 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#

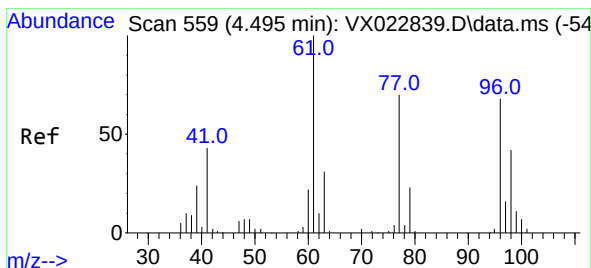
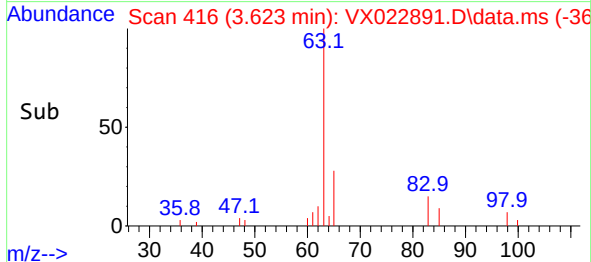
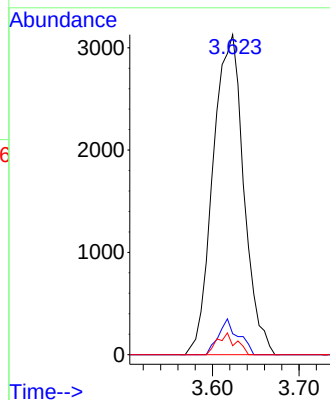
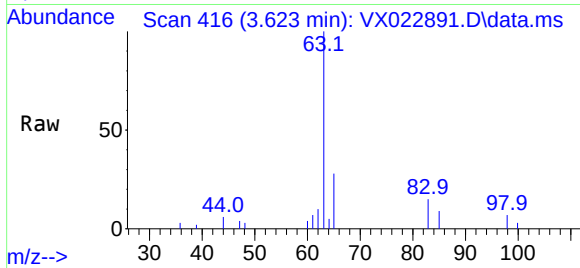




#24
1,1-Dichloroethane
Concen: 5.481 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

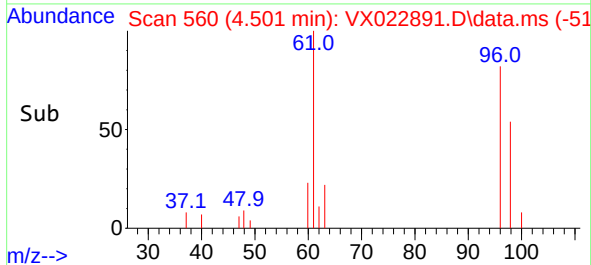
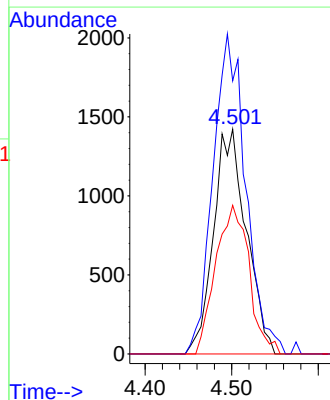
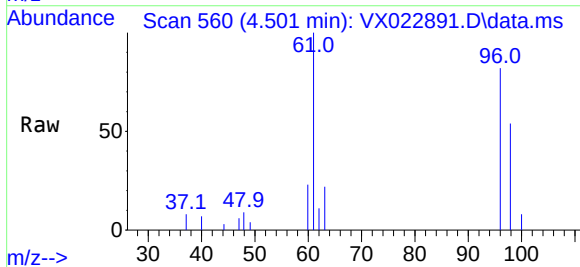
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210619

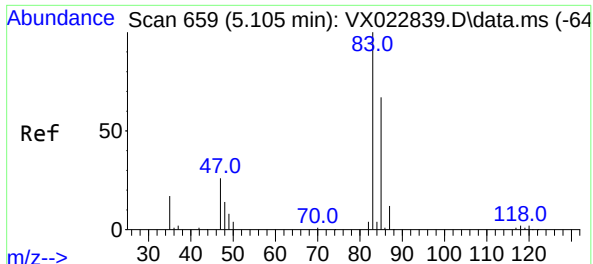
Tgt Ion: 63 Resp: 7712
Ion Ratio Lower Upper
63 100
98 6.6 3.8 11.2
100 2.8 2.5 7.5



#27
cis-1,2-Dichloroethene
Concen: 4.552 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion: 96 Resp: 3735
Ion Ratio Lower Upper
96 100
61 142.5 0.0 285.6
98 67.4 0.0 129.6

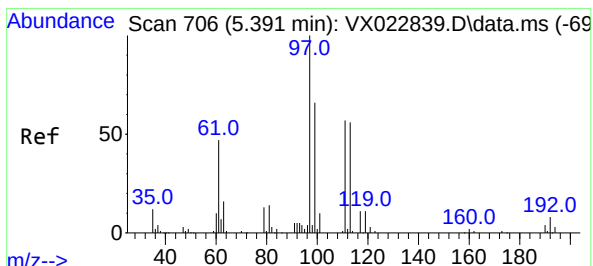
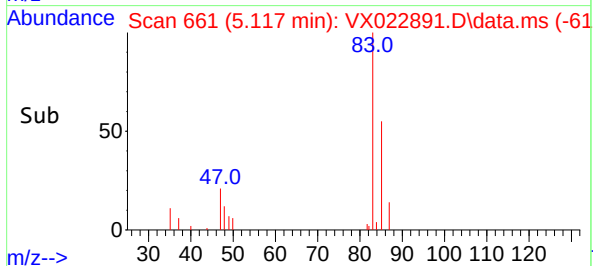
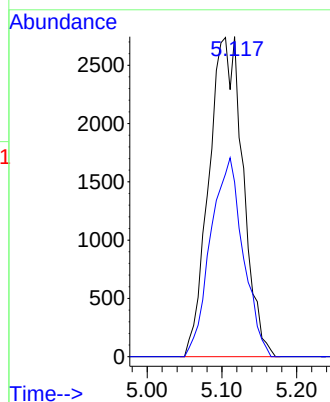
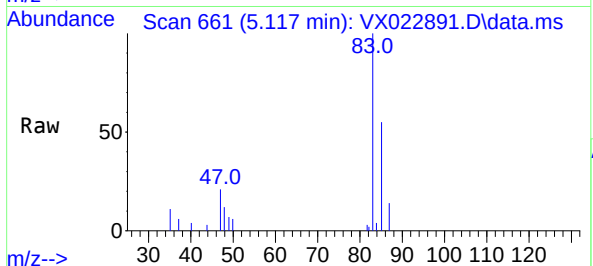




#30
Chloroform
Concen: 6.161 ug/l
RT: 5.117 min Scan# 661
Delta R.T. 0.012 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

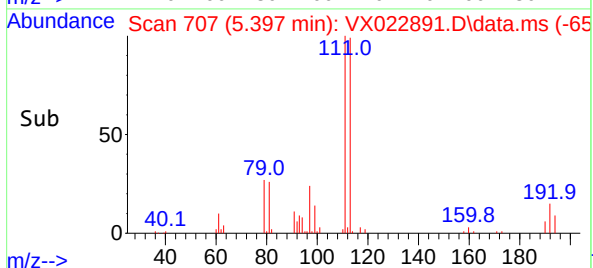
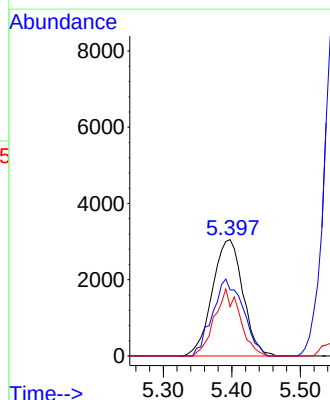
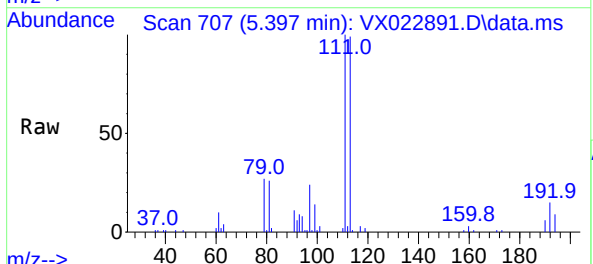
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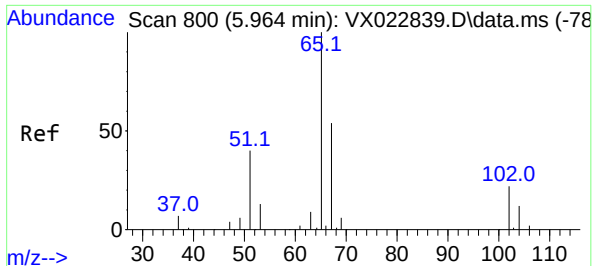
Tgt Ion: 83 Resp: 8719
Ion Ratio Lower Upper
83 100
85 54.5 52.0 78.0



#32
1,1,1-Trichloroethane
Concen: 8.286 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion: 97 Resp: 9422
Ion Ratio Lower Upper
97 100
99 66.4 51.5 77.3
61 48.1 34.2 51.4



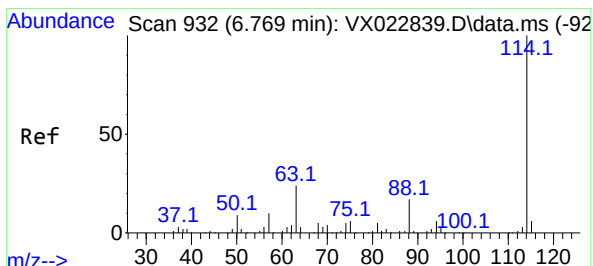
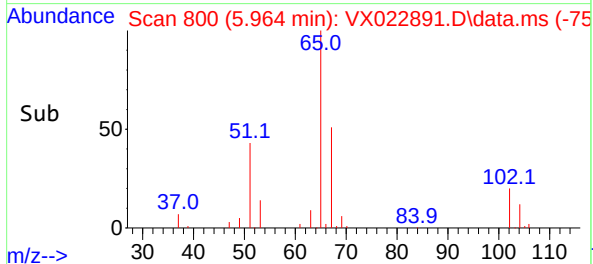
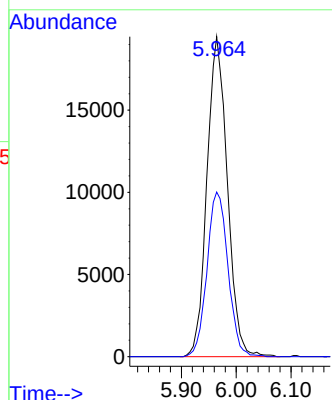
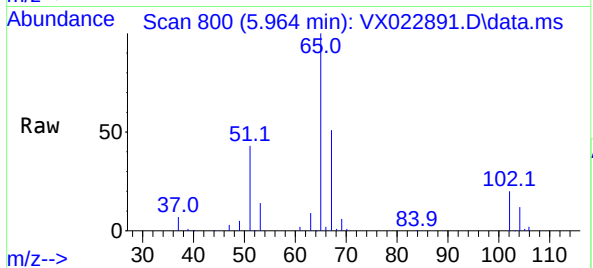


#33

1,2-Dichloroethane-d4
Concen: 53.869 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Instrument :
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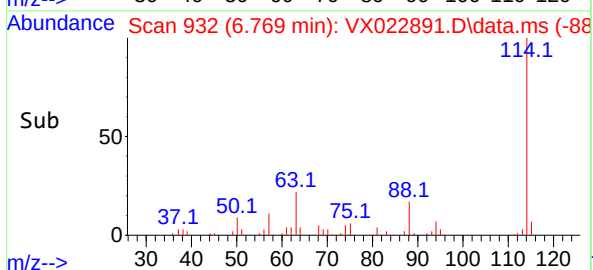
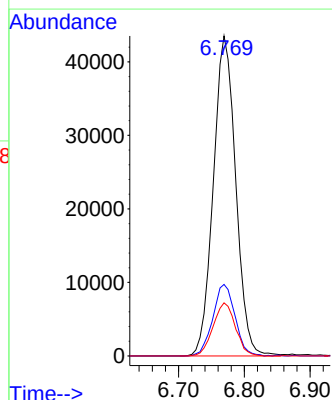
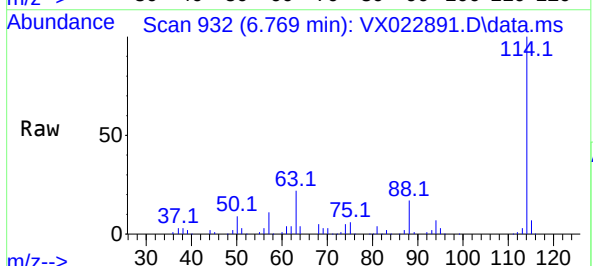
Tgt Ion: 65 Resp: 50219
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

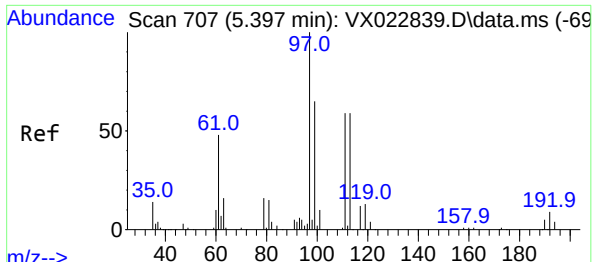


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion:114 Resp: 103202
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.383 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX022891.D

Acq: 25 Jun 2021 01:12

Instrument :

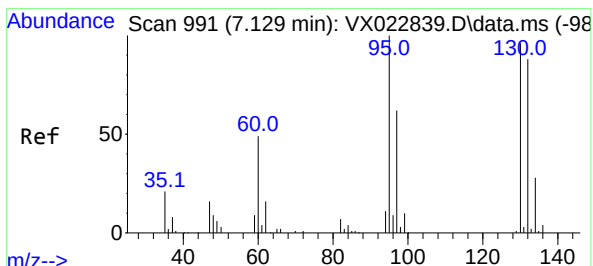
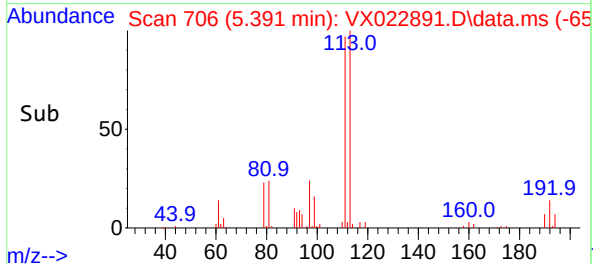
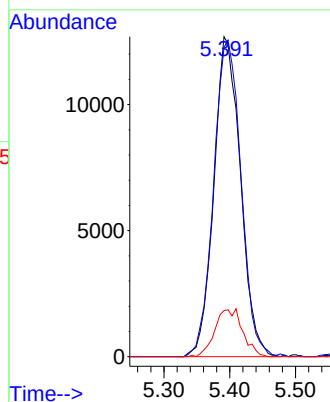
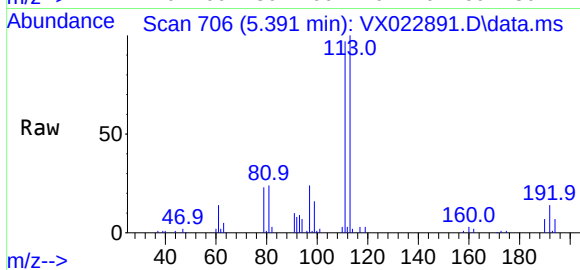
MSVOA_X

ClientSampleId :

MW201D-20210619

Tgt Ion:113 Resp: 35640

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.9	122.9
192	15.6	16.7	25.1#



#44

Trichloroethene

Concen: 190.231 ug/l

RT: 7.129 min Scan# 991

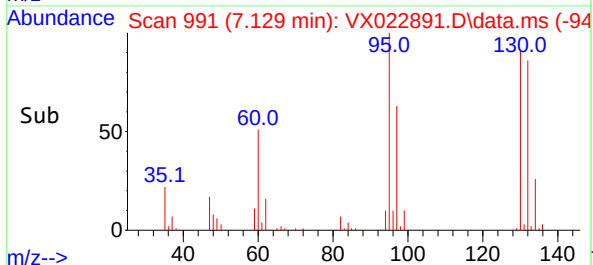
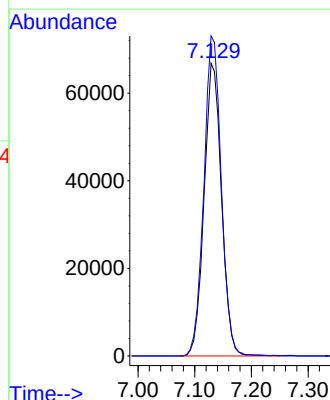
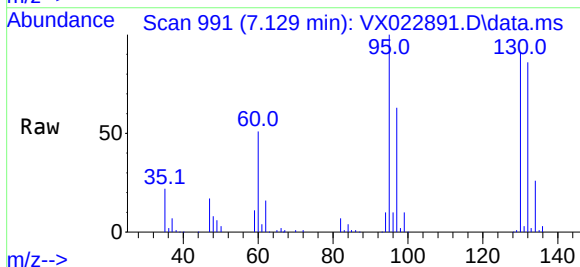
Delta R.T. -0.000 min

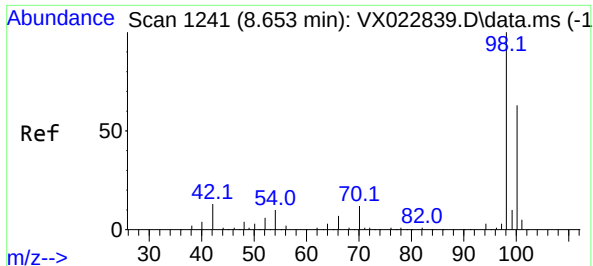
Lab File: VX022891.D

Acq: 25 Jun 2021 01:12

Tgt Ion:130 Resp: 142596

Ion	Ratio	Lower	Upper
130	100		
95	109.3	0.0	198.0

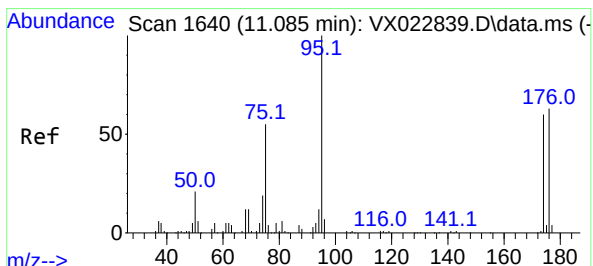
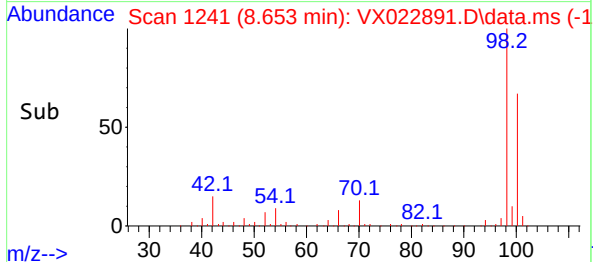
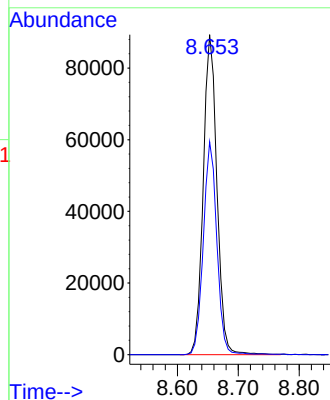
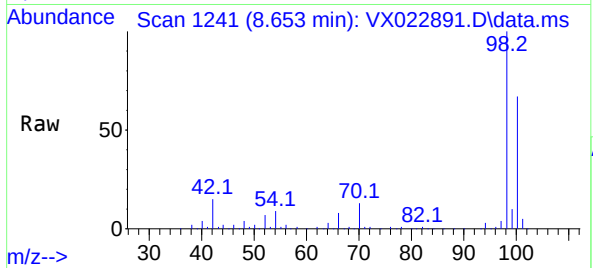




#50
Toluene-d8
Concen: 54.342 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

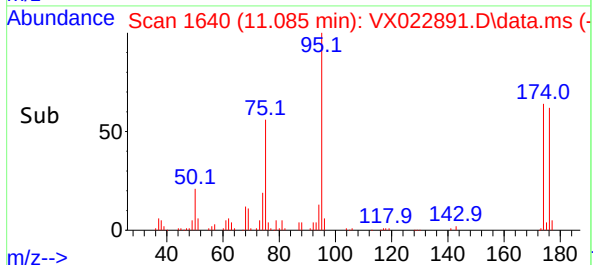
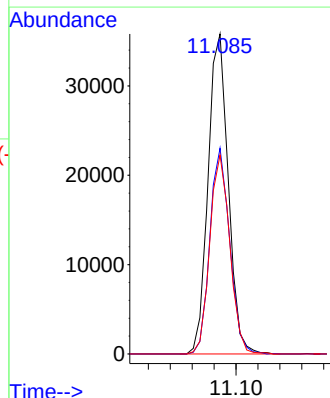
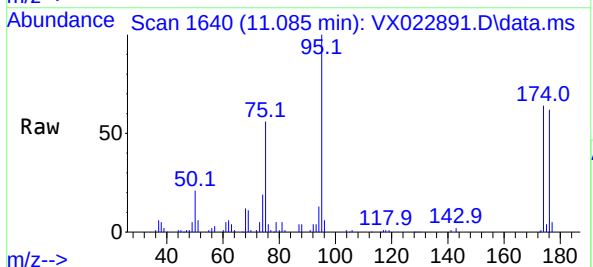
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210619

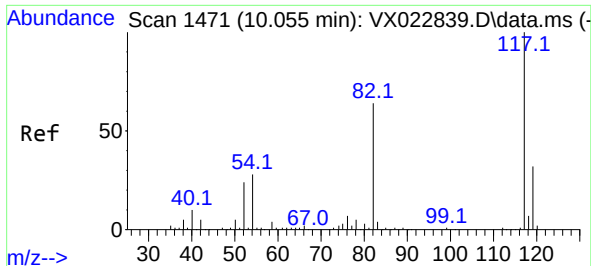
Tgt Ion: 98 Resp: 139575
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.635 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion: 95 Resp: 45662
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 61.8 0.0 155.8

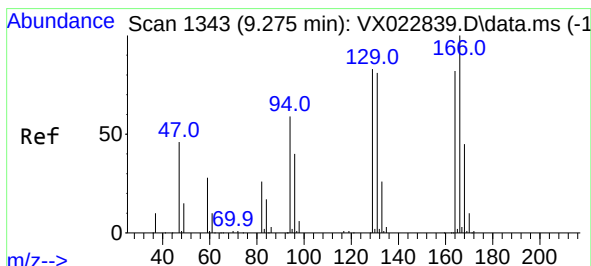
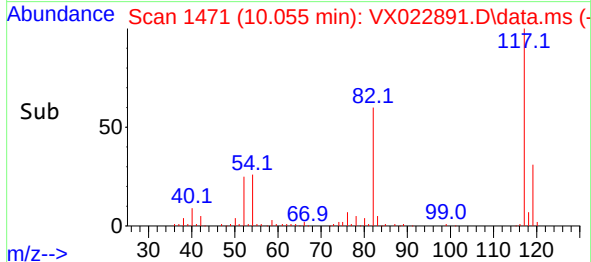
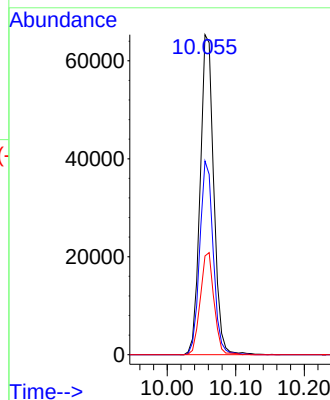
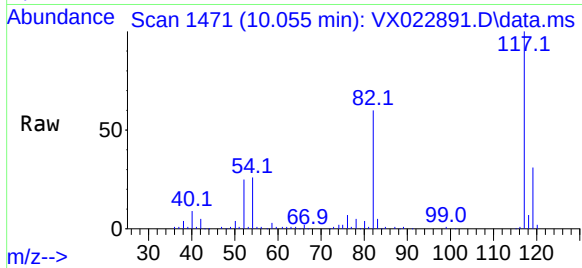




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

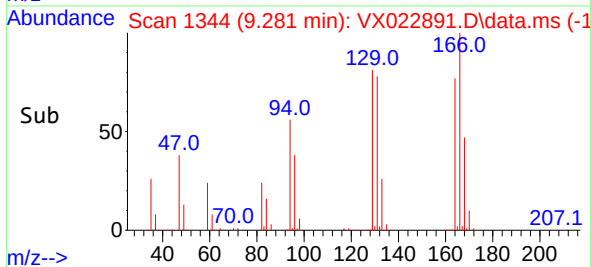
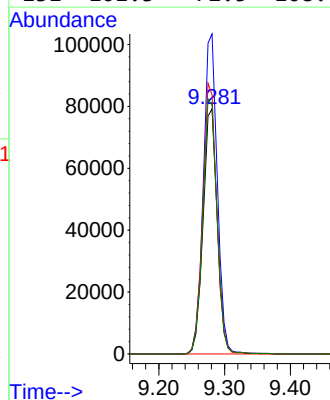
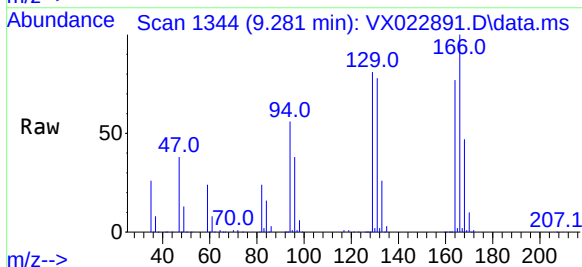
Instrument :
MSVOA_X
ClientSampleId :
MW201D-20210619

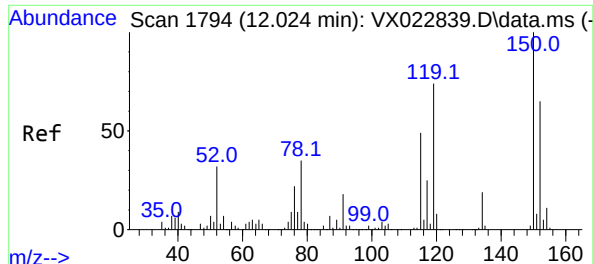
Tgt Ion:117 Resp: 90140
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 30.8 26.6 39.8



#64
Tetrachloroethene
Concen: 187.505 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022891.D
Acq: 25 Jun 2021 01:12

Tgt Ion:164 Resp: 118776
Ion Ratio Lower Upper
164 100
166 130.5 103.4 155.2
129 105.7 70.8 106.2
131 101.3 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022891.D
 Acq: 25 Jun 2021 01:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MW201D-20210619

Tgt Ion:152 Resp: 32074
 Ion Ratio Lower Upper
 152 100
 115 68.2 41.1 123.3
 150 158.5 0.0 349.0

