

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024481.D
 Acq On : 24 Sep 2021 04:38
 Operator : JC/MD
 Sample : M3829-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW203D-20210918

Quant Time: Sep 24 07:44:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

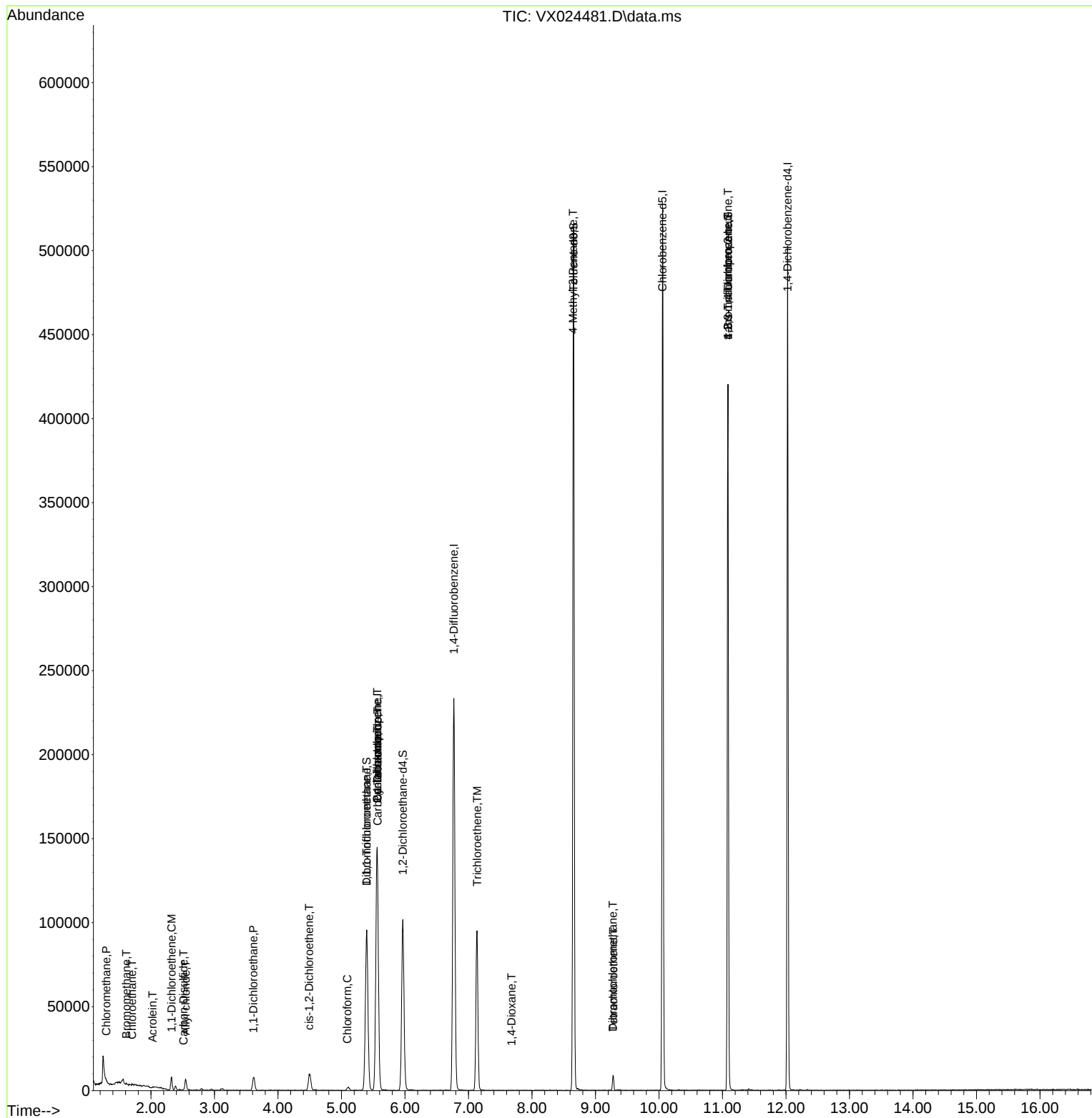
Internal Standards						
1) Pentafluorobenzene	5.562	168	134198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	232491	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100129	52.940	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.880%	
35) Dibromofluoromethane	5.397	113	77982	50.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.980%	
50) Toluene-d8	8.653	98	289411	50.912	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.085	95	114428	51.197	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	454	0.357	ug/l #	86
5) Bromomethane	1.612	94	181	0.202	ug/l	96
6) Chloroethane	1.703	64	531	0.854	ug/l	93
11) Tert butyl alcohol	2.959	59	408	Below Cal	#	73
12) 1,1-Dichloroethene	2.325	96	2296	1.866	ug/l	90
13) Acrolein	2.026	56	51	10.536	ug/l	93
14) Allyl chloride	2.544	41	768	0.341	ug/l #	74
16) Acetone	2.386	43	2463	Below Cal		90
17) Carbon Disulfide	2.514	76	568	0.406	ug/l #	75
20) Methylene Chloride	2.788	84	390	Below Cal	#	83
24) 1,1-Dichloroethane	3.611	63	9827	3.852	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	6270	3.840	ug/l	92
30) Chloroform	5.093	83	2280	0.809	ug/l	93
31) Cyclohexane	5.562	56	3005	1.327	ug/l #	34
32) 1,1,1-Trichloroethane	5.397	97	3177	1.270	ug/l #	48
36) 1,1-Dichloropropene	5.562	75	10706	4.803	ug/l #	48
38) Carbon Tetrachloride	5.568	117	14130	5.824	ug/l #	16
44) Trichloroethene	7.135	130	36337	20.723	ug/l	97
49) 1,4-Dioxane	7.678	88	33	0.688	ug/l #	24
51) 4-Methyl-2-Pentanone	8.647	43	1312	0.470	ug/l #	1
60) Dibromochloromethane	9.275	129	1652	2.022	ug/l #	11
64) Tetrachloroethene	9.281	164	1554	0.926	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	56852	24.700	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56852	67.379	ug/l #	12

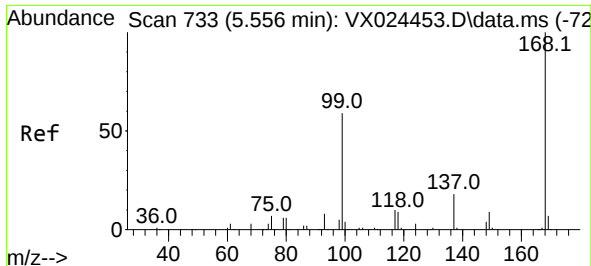
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
Data File : VX024481.D
Acq On : 24 Sep 2021 04:38
Operator : JC/MD
Sample : M3829-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

Quant Time: Sep 24 07:44:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 23 18:24:34 2021
Response via : Initial Calibration

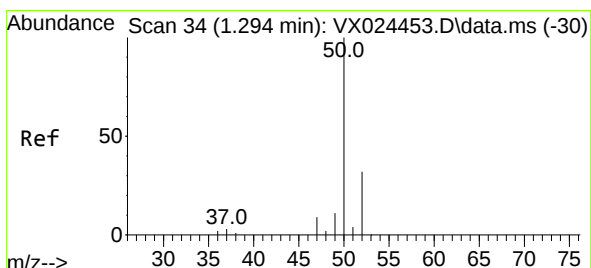
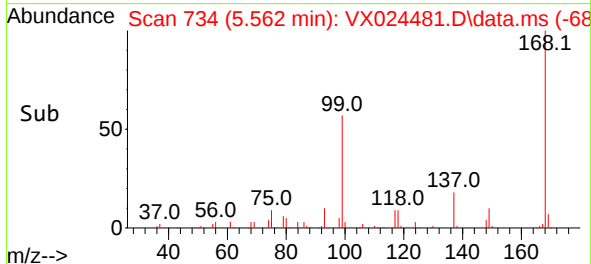
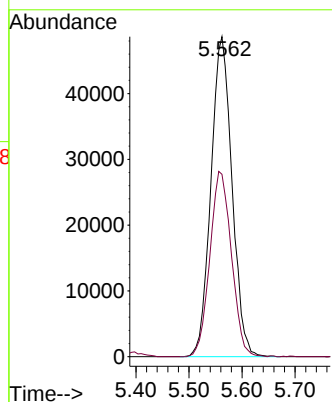
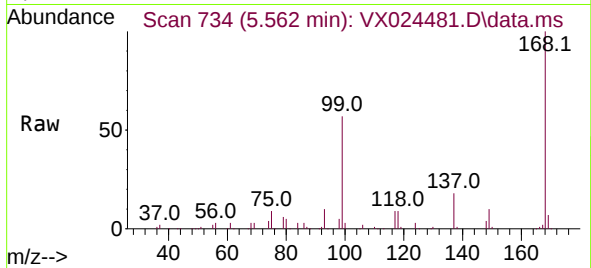




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

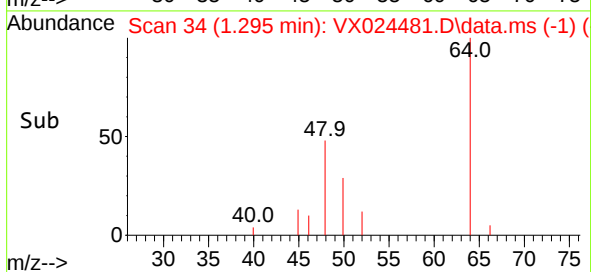
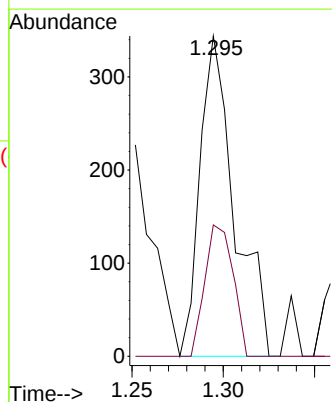
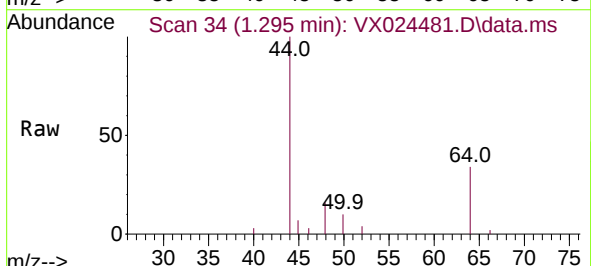
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

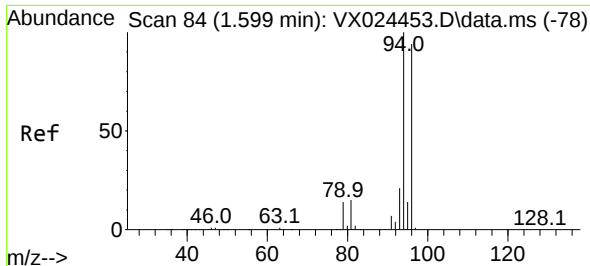
Tgt Ion:168 Resp: 134198
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#3
Chloromethane
Concen: 0.357 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 50 Resp: 454
Ion Ratio Lower Upper
50 100
52 41.0 26.4 39.6#

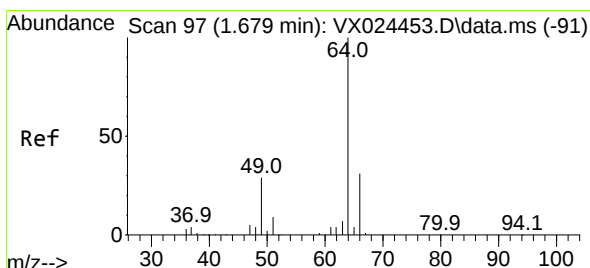
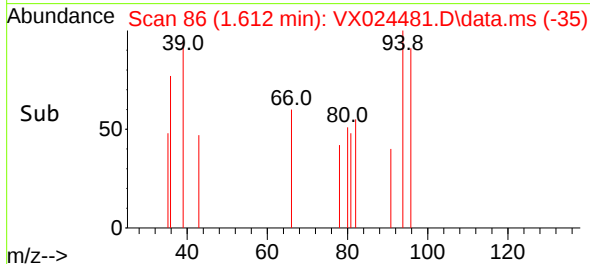
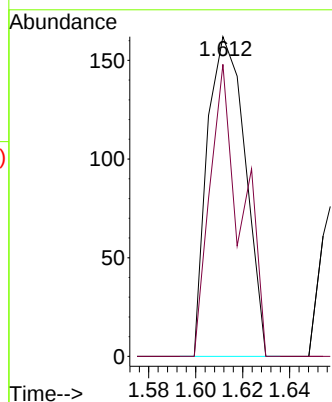
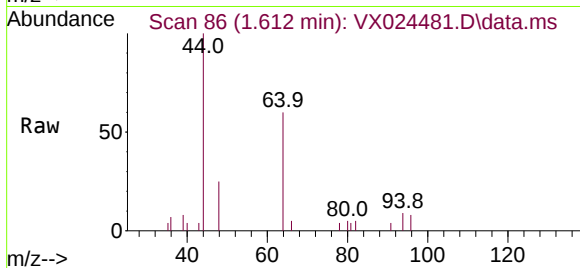




#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

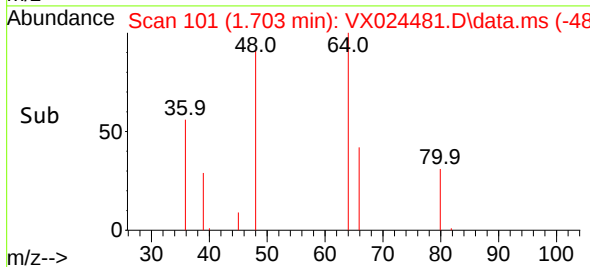
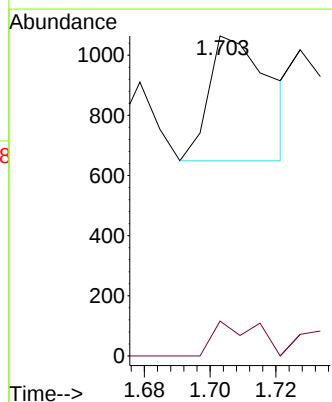
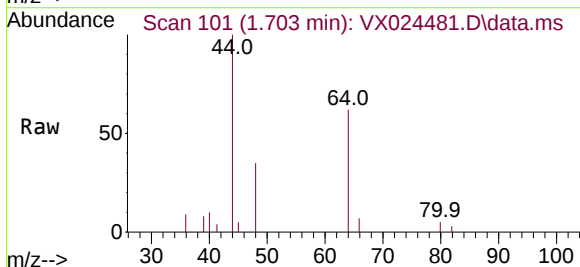
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

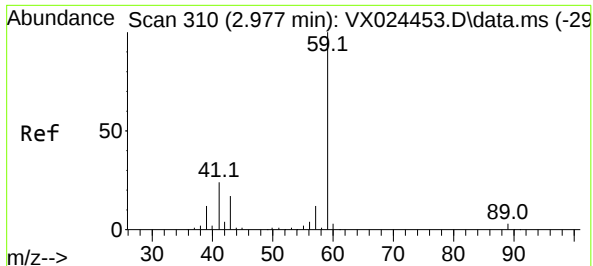
Tgt Ion: 94 Resp: 181
Ion Ratio Lower Upper
94 100
96 91.4 76.4 114.6



#6
Chloroethane
Concen: 0.854 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.024 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 64 Resp: 531
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.0



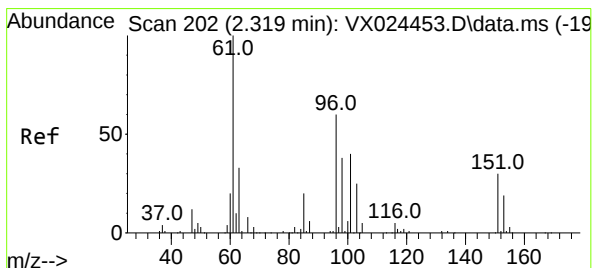
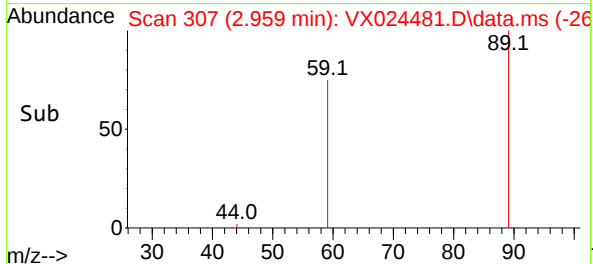
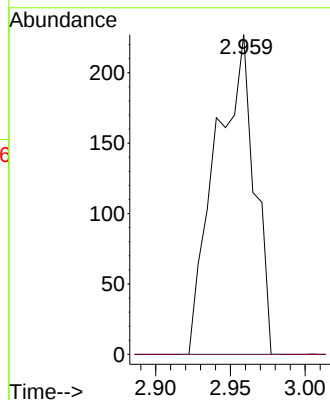
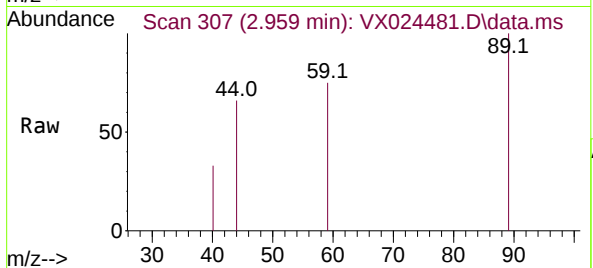


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

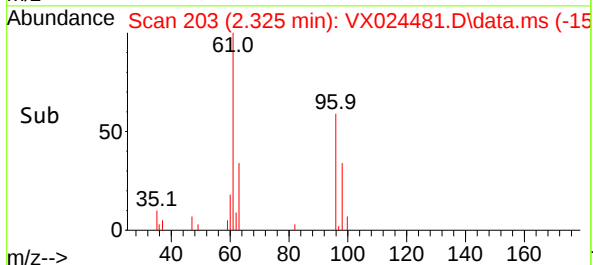
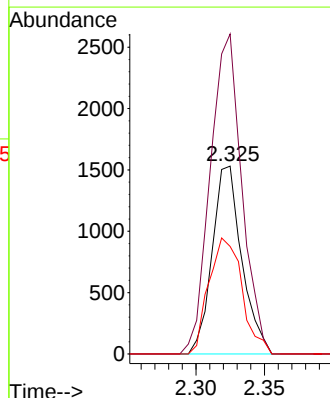
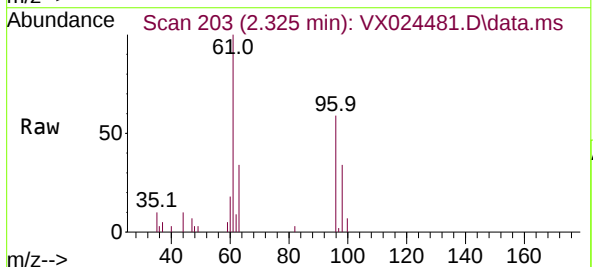
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

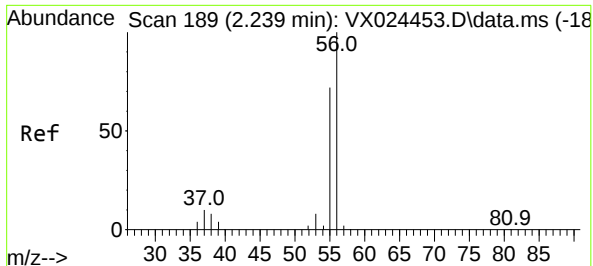


#12

1,1-Dichloroethene
Concen: 1.866 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 96 Resp: 2296
Ion Ratio Lower Upper
96 100
61 170.3 124.6 187.0
98 57.3 50.6 76.0

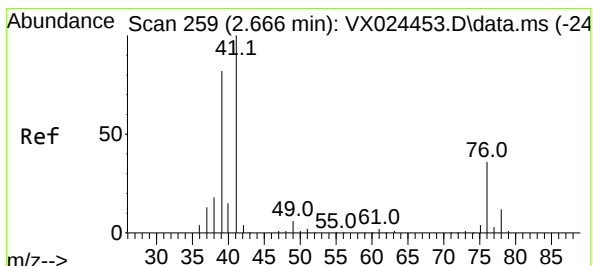
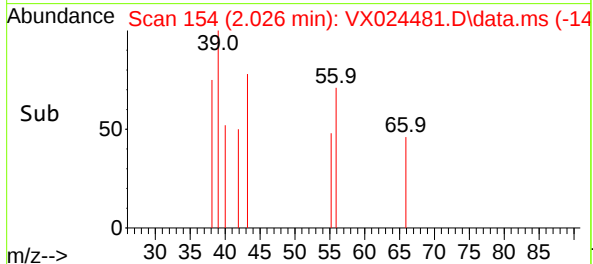
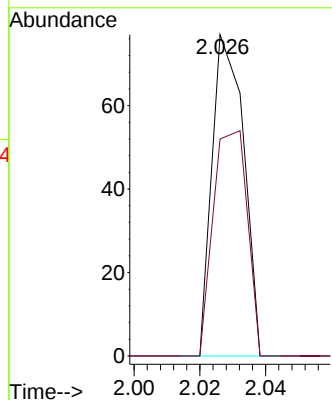
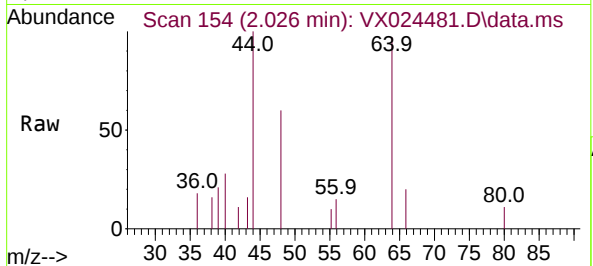




#13
Acrolein
Concen: 10.536 ug/l
RT: 2.026 min Scan# 154
Delta R.T. -0.213 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

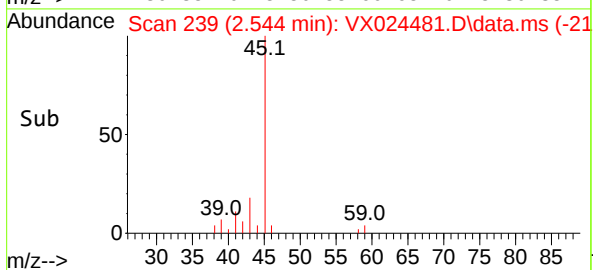
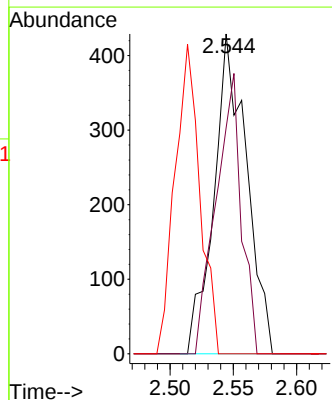
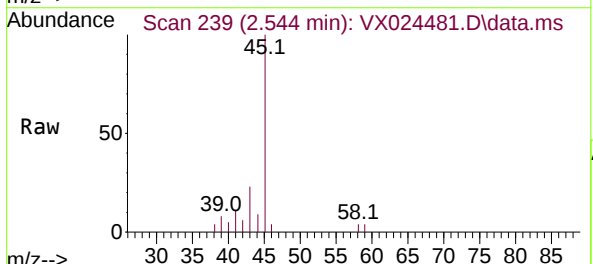
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

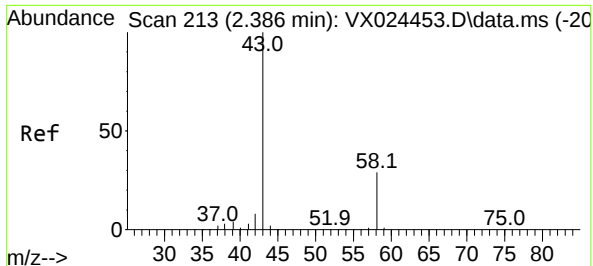
Tgt Ion: 56 Resp: 51
Ion Ratio Lower Upper
56 100
55 76.5 56.4 84.6



#14
Allyl chloride
Concen: 0.341 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.122 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 41 Resp: 768
Ion Ratio Lower Upper
41 100
39 68.1 51.6 77.4
76 0.0 30.5 45.7#

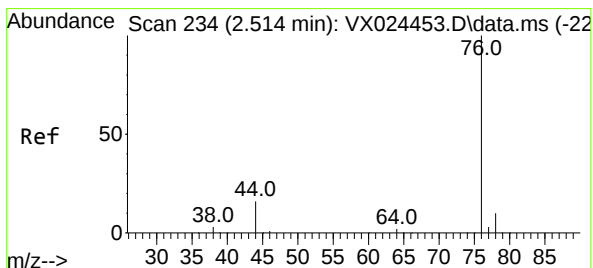
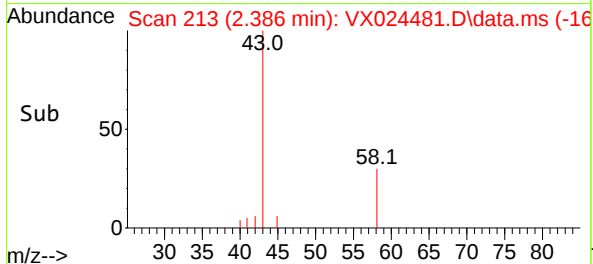
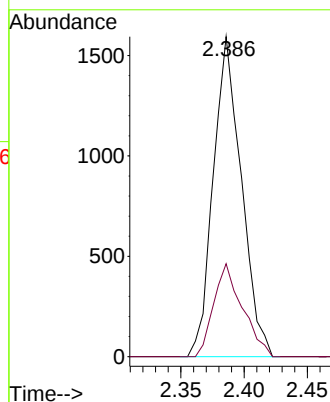
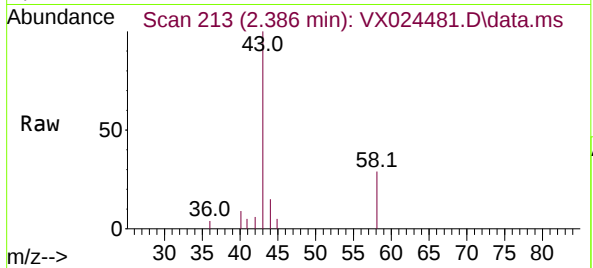




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

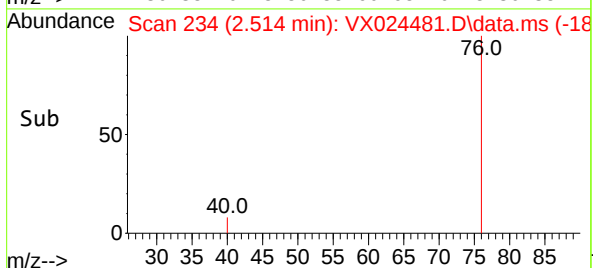
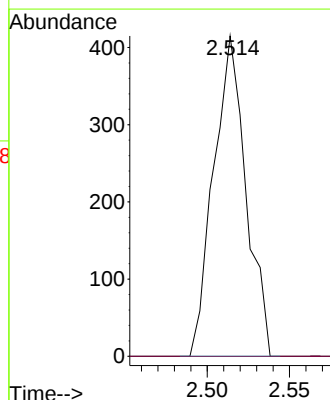
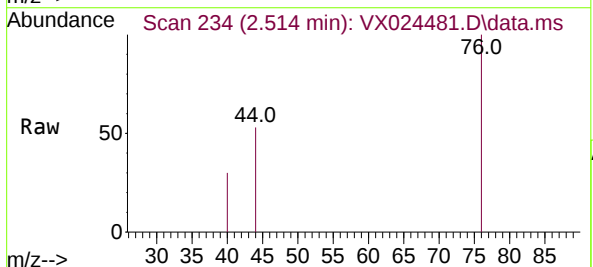
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

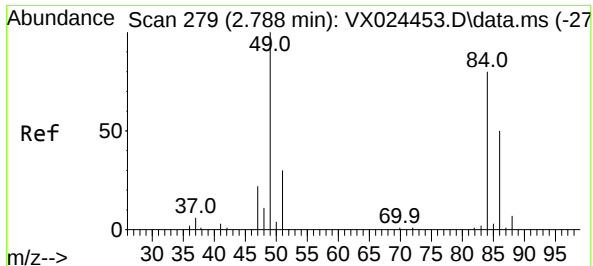
Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
58 29.0 27.8 41.8



#17
Carbon Disulfide
Concen: 0.406 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 76 Resp: 568
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.788 min Scan# 279

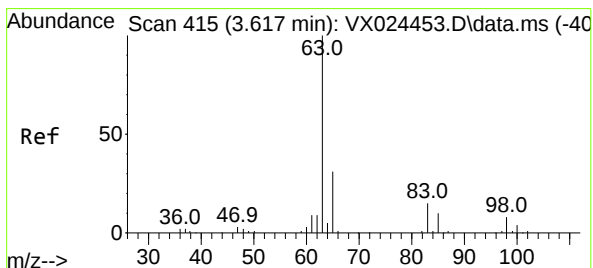
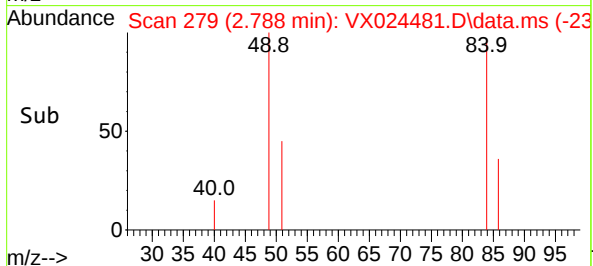
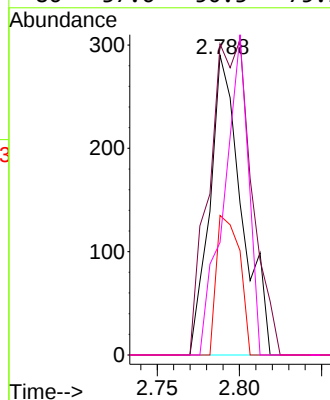
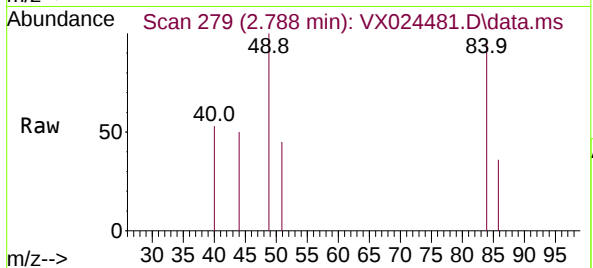
Delta R.T. 0.000 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

Tgt Ion:	84	Resp:	390
Ion	Ratio	Lower	Upper
84	100		
49	103.8	88.6	132.8
51	46.6	27.0	40.6#
86	37.6	50.3	75.5#



#24

1,1-Dichloroethane

Concen: 3.852 ug/l

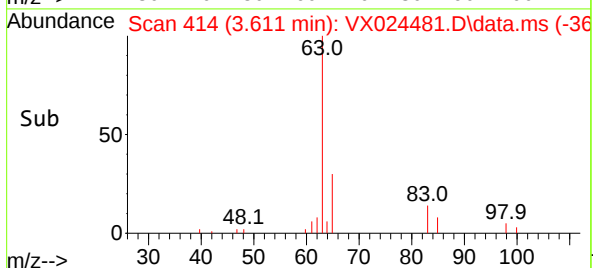
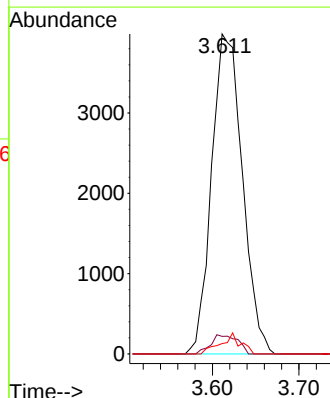
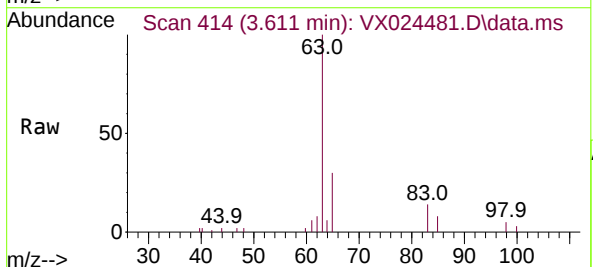
RT: 3.611 min Scan# 414

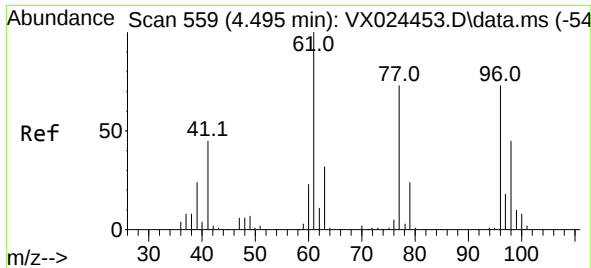
Delta R.T. -0.006 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

Tgt Ion:	63	Resp:	9827
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.8	11.2
100	3.3	2.5	7.5





#27

cis-1,2-Dichloroethene

Concen: 3.840 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

Instrument :

MSVOA_X

ClientSampleId :

MW203D-20210918

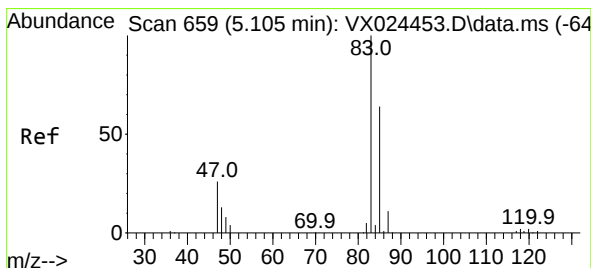
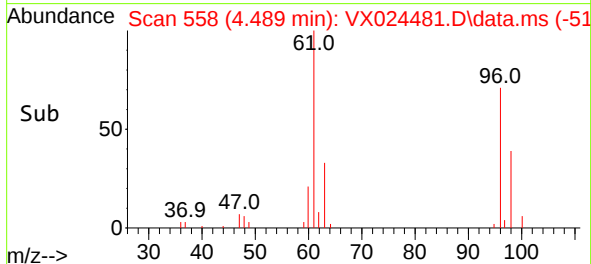
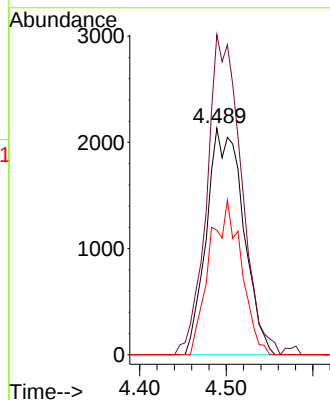
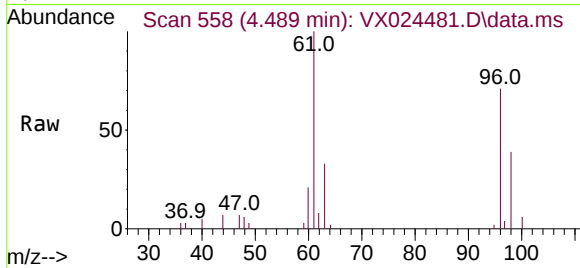
Tgt Ion: 96 Resp: 6270

Ion Ratio Lower Upper

96 100

61 132.7 0.0 285.6

98 59.6 0.0 129.6



#30

Chloroform

Concen: 0.809 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX024481.D

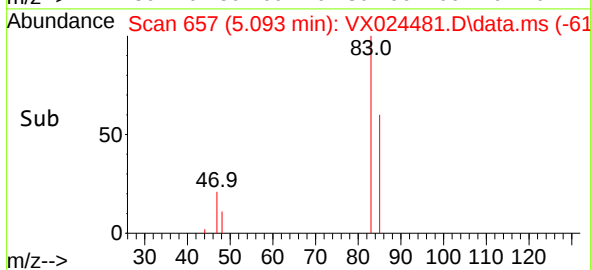
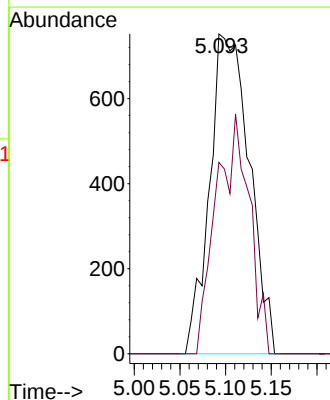
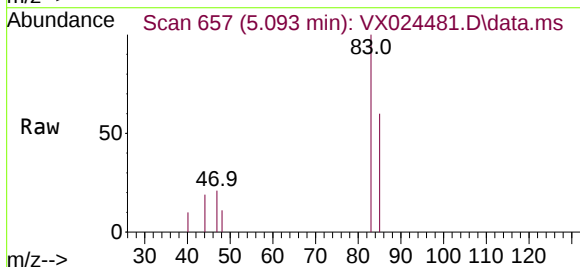
Acq: 24 Sep 2021 04:38

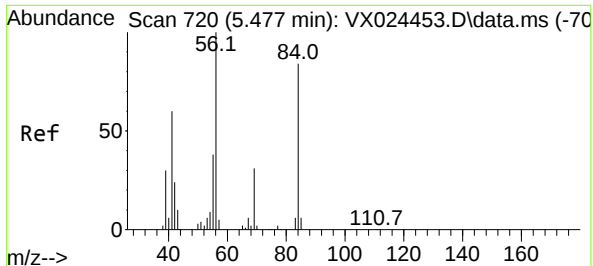
Tgt Ion: 83 Resp: 2280

Ion Ratio Lower Upper

83 100

85 59.8 52.0 78.0

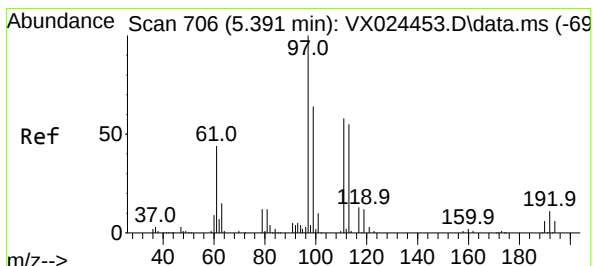
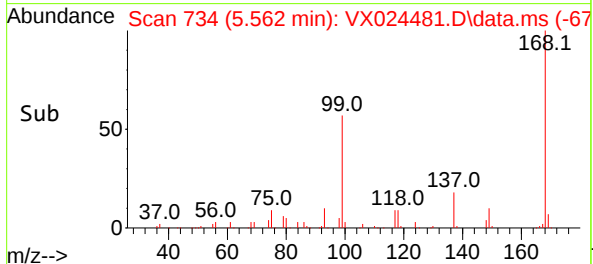
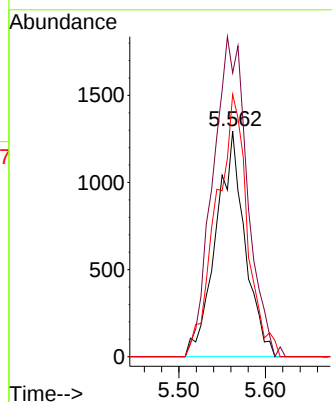
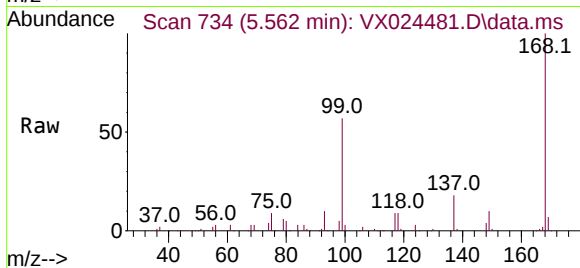




#31
Cyclohexane
Concen: 1.327 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

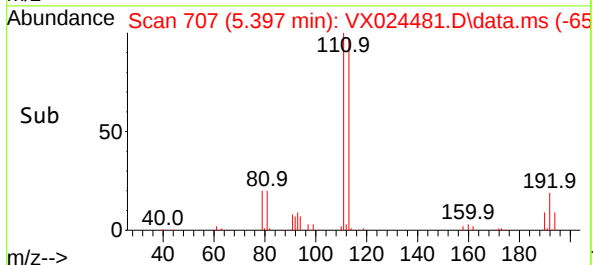
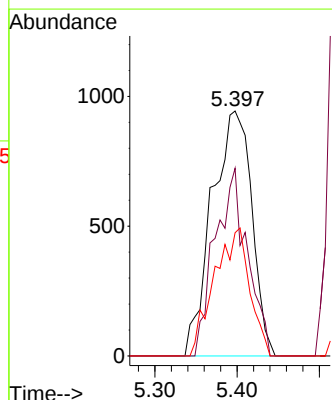
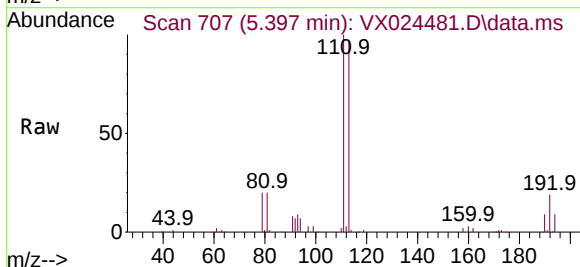
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

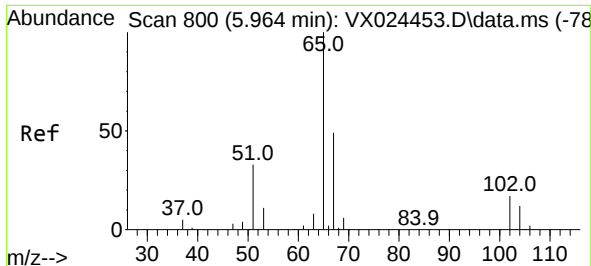
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 125.8 25.3 37.9#
84 116.3 71.4 107.0#



#32
1,1,1-Trichloroethane
Concen: 1.270 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 97 Resp: 3177
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 46.3 34.2 51.4



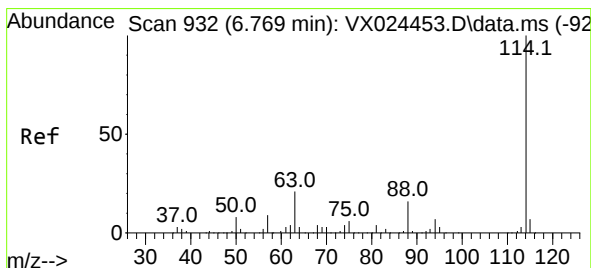
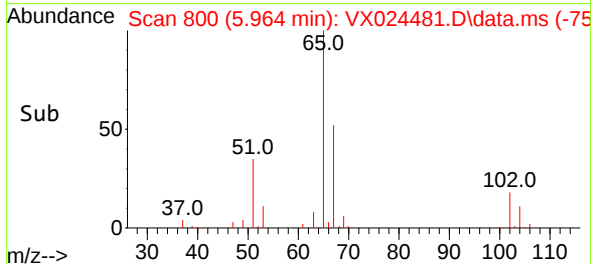
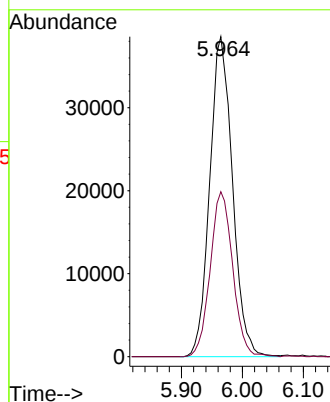
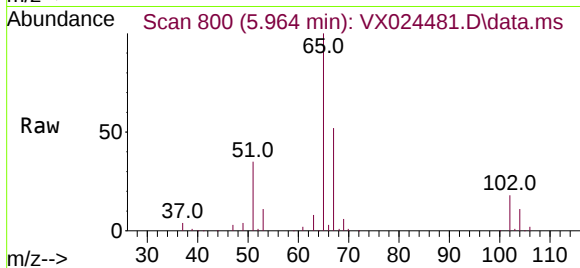


#33

1,2-Dichloroethane-d4
Concen: 52.940 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

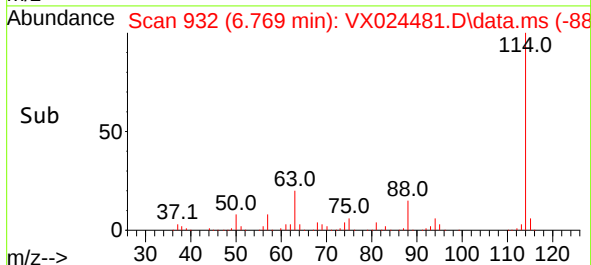
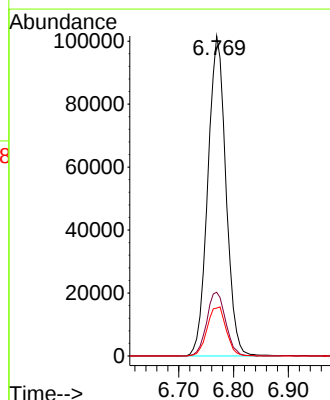
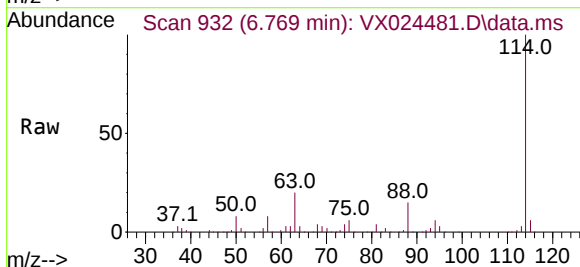
Tgt Ion: 65 Resp: 100129
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

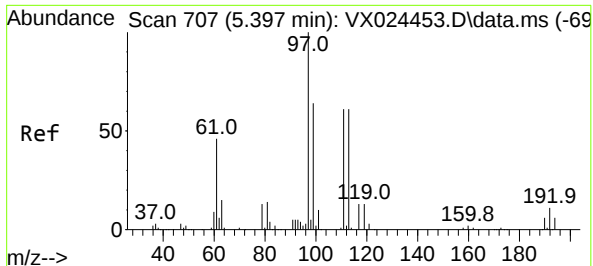


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 114 Resp: 232491
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 14.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.490 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

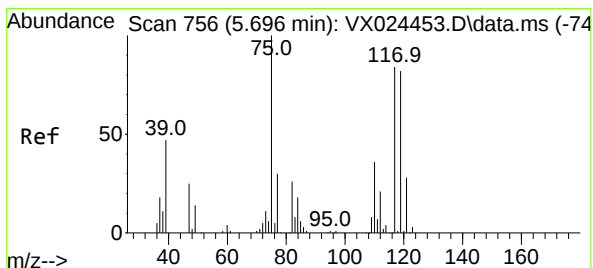
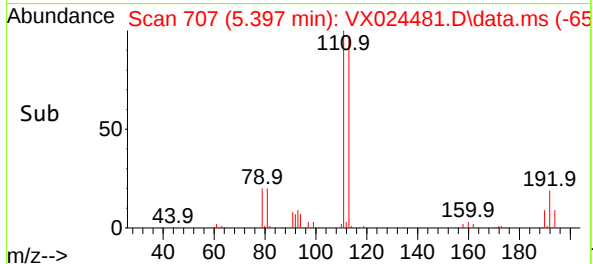
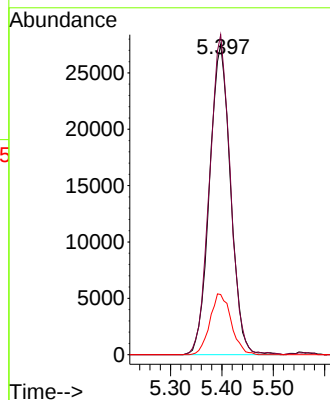
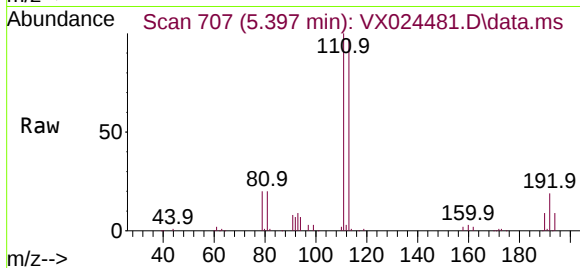
Tgt Ion:113 Resp: 77982

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 19.9 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.803 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX024481.D

Acq: 24 Sep 2021 04:38

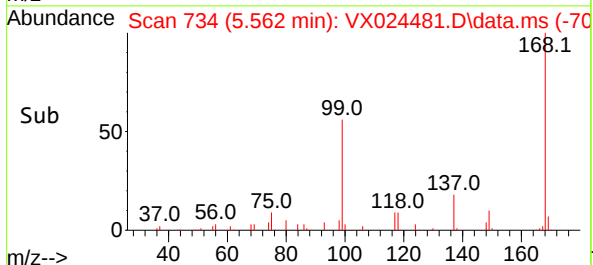
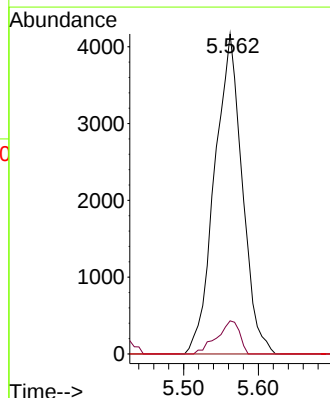
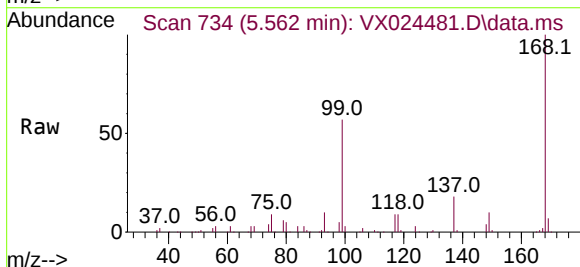
Tgt Ion: 75 Resp: 10706

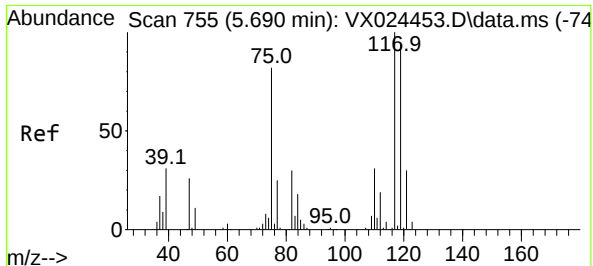
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

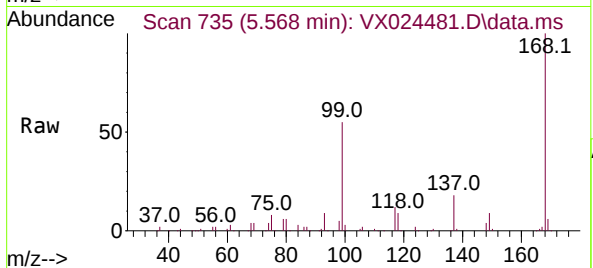
77 0.0 25.3 37.9#



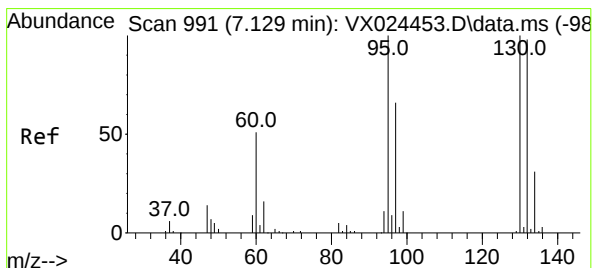
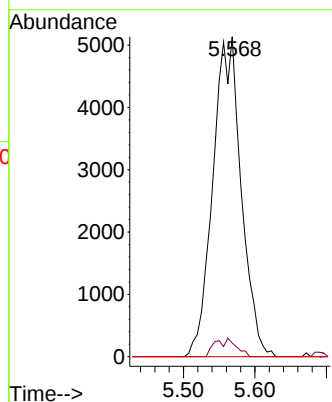
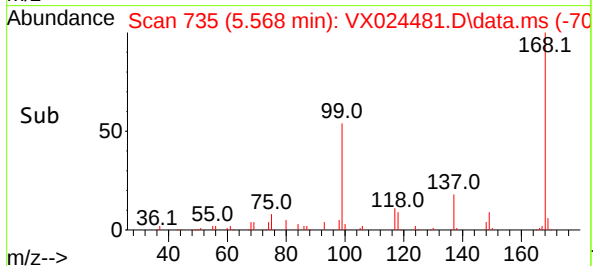


#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

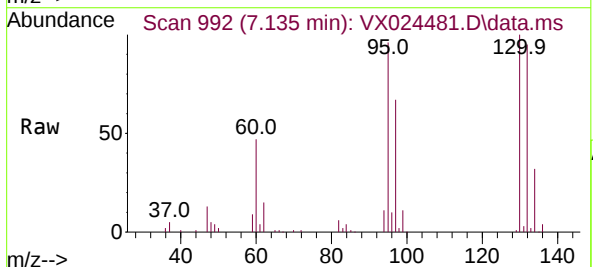
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918



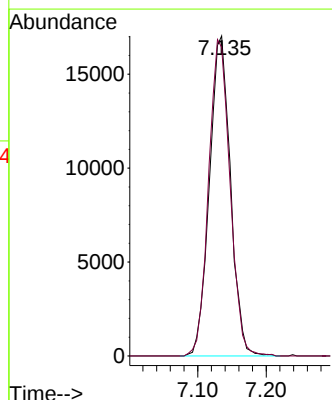
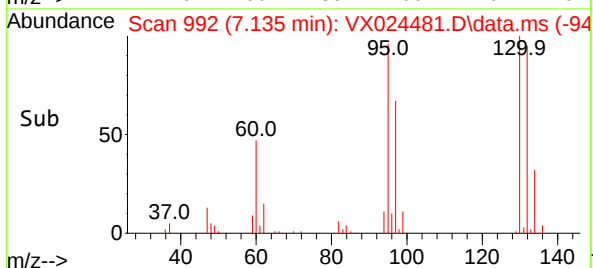
Tgt Ion:117 Resp: 14130
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#

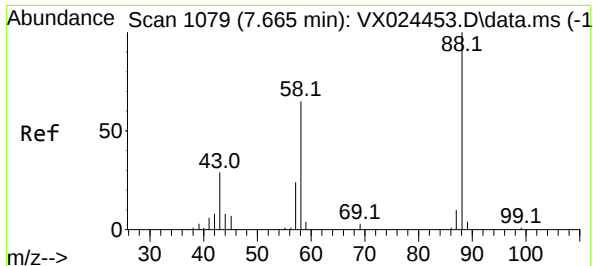


#44
Trichloroethene
Concen: 20.723 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38



Tgt Ion:130 Resp: 36337
Ion Ratio Lower Upper
130 100
95 96.4 0.0 198.0

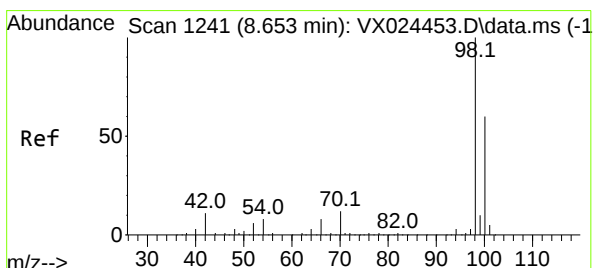
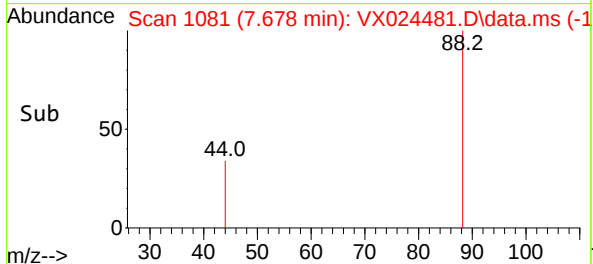
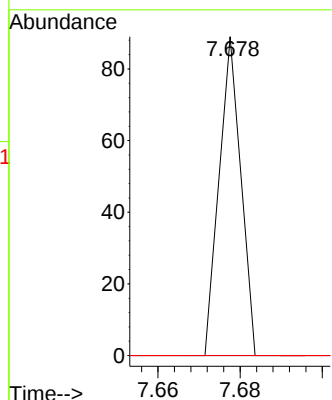
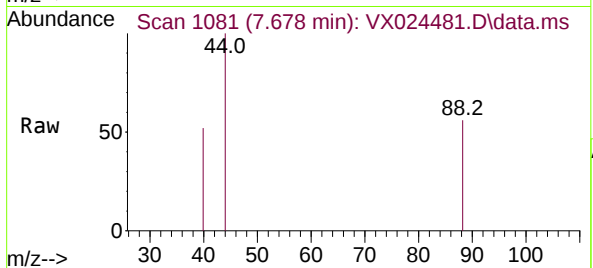




#49
1,4-Dioxane
Concen: 0.688 ug/l
RT: 7.678 min Scan# 1081
Delta R.T. 0.013 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

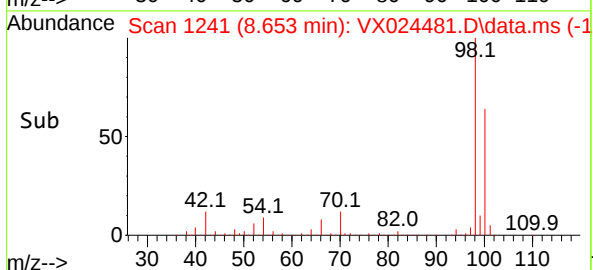
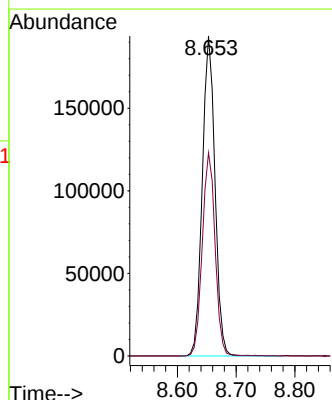
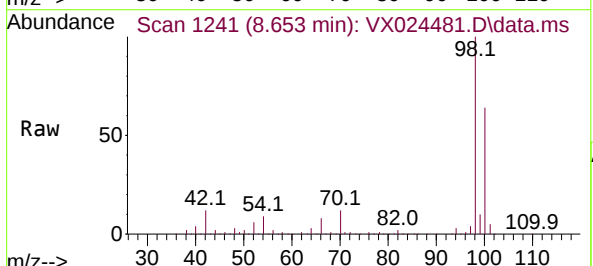
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

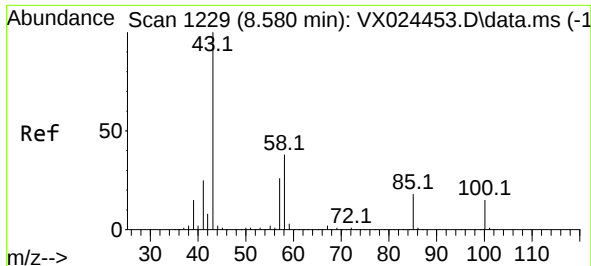
Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 50.912 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 98 Resp: 289411
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9

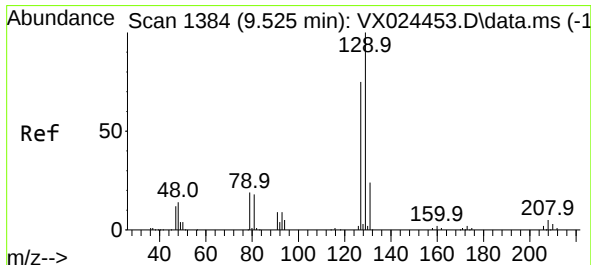
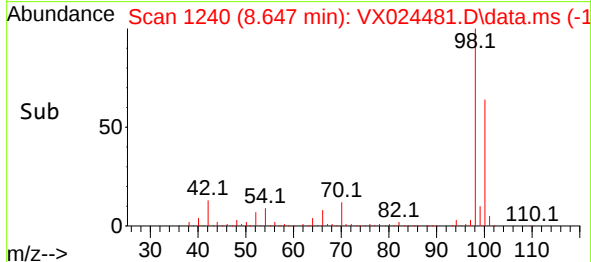
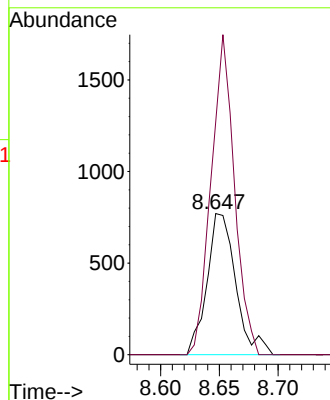
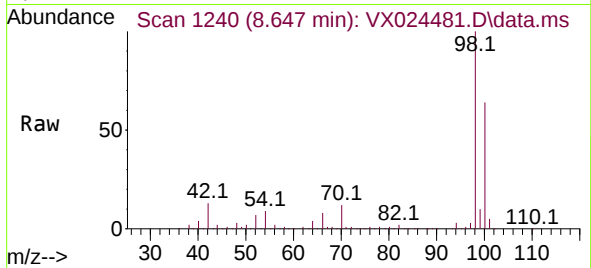




#51
4-Methyl-2-Pentanone
Concen: 0.470 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

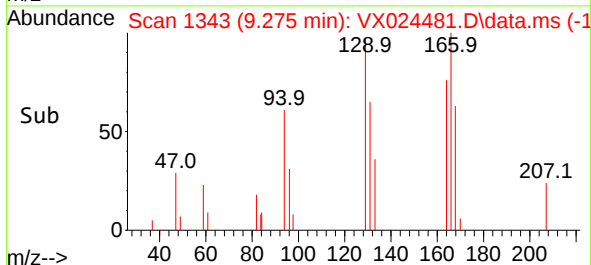
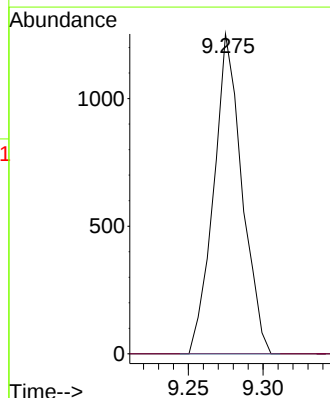
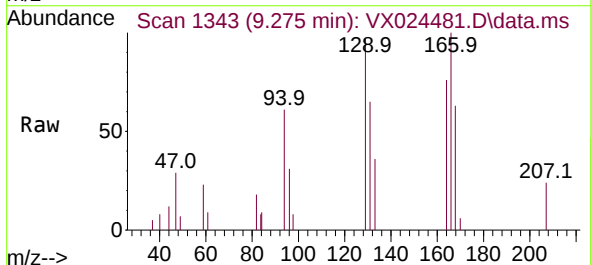
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

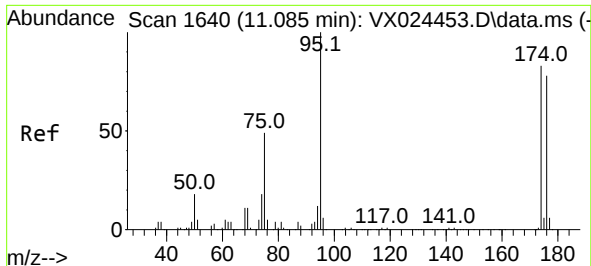
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
58 184.3 35.4 53.0#



#60
Dibromochloromethane
Concen: 2.022 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 129 Resp: 1652
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

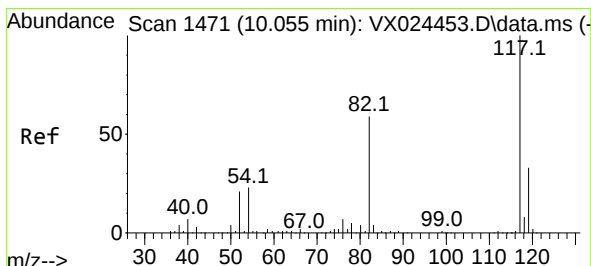
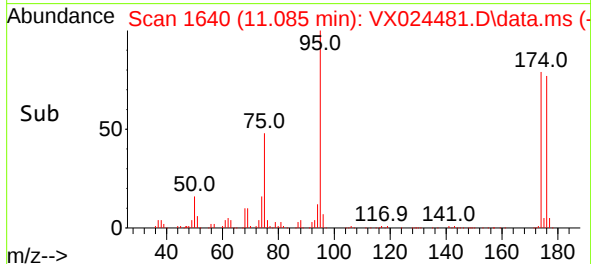
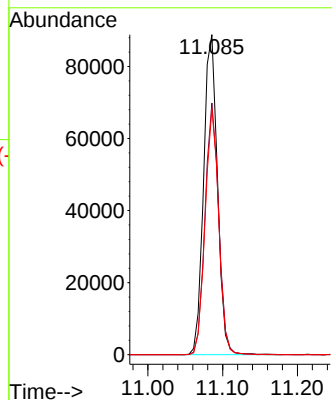
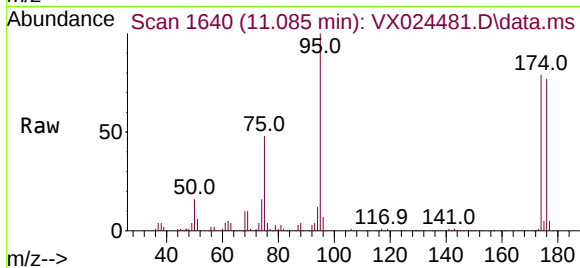




#62
4-Bromofluorobenzene
Concen: 51.197 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

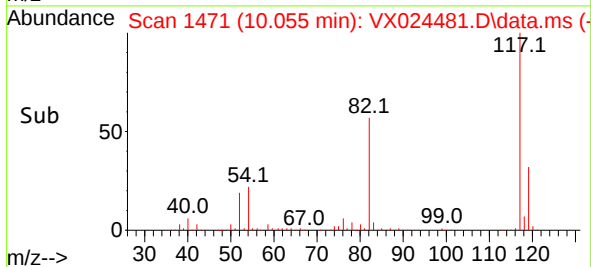
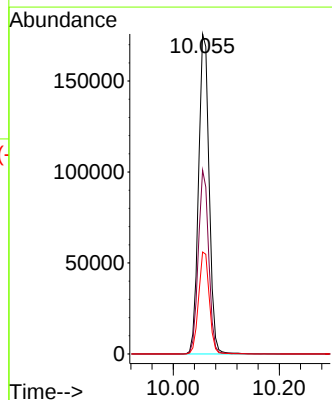
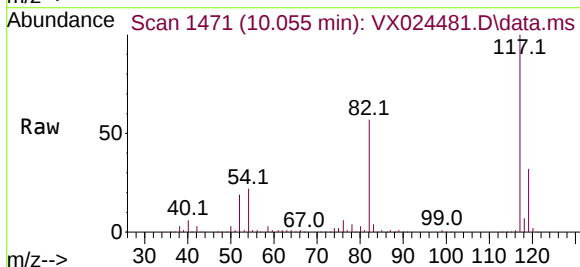
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

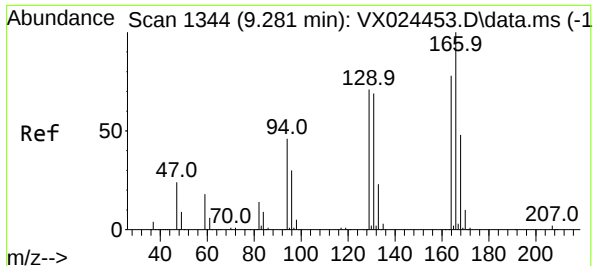
Tgt Ion: 95 Resp: 114428
Ion Ratio Lower Upper
95 100
174 77.4 0.0 154.6
176 75.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 117 Resp: 242367
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 31.9 26.6 39.8

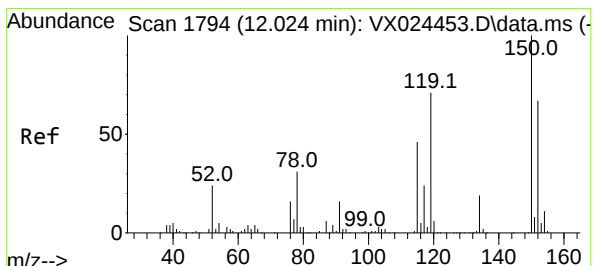
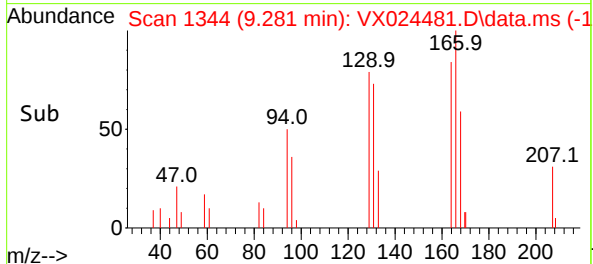
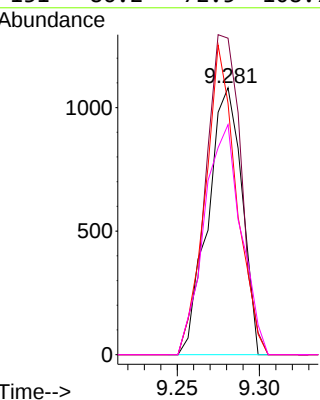
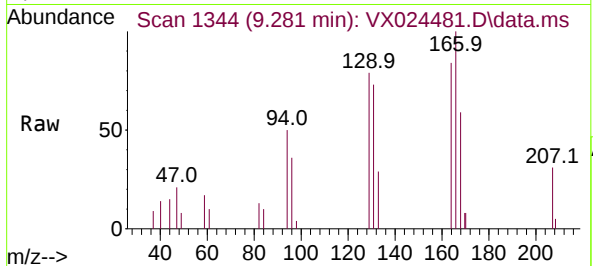




#64
Tetrachloroethene
Concen: 0.926 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

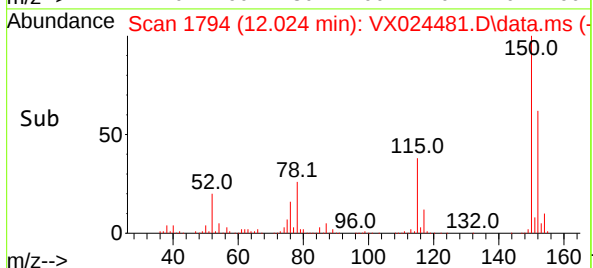
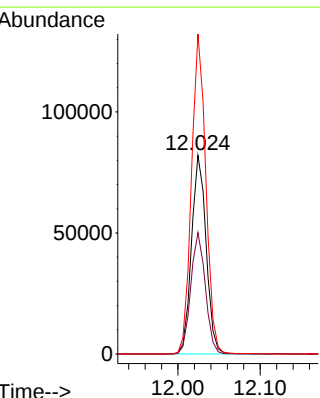
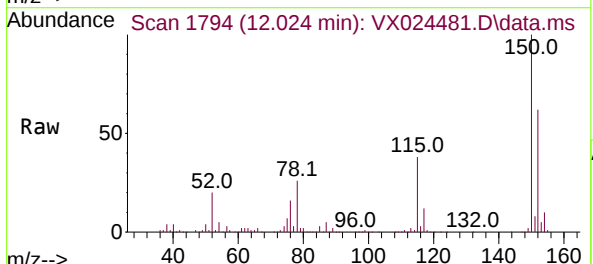
Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

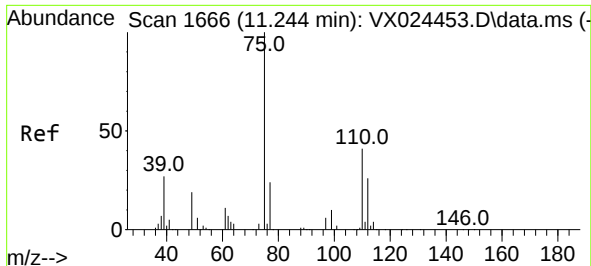
Tgt Ion:164	Resp:	1554
Ion	Ratio	Lower Upper
164	100	
166	118.6	103.4 155.2
129	94.2	70.8 106.2
131	86.2	72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion:152	Resp:	101355
Ion	Ratio	Lower Upper
152	100	
115	60.7	41.1 123.3
150	158.0	0.0 349.0

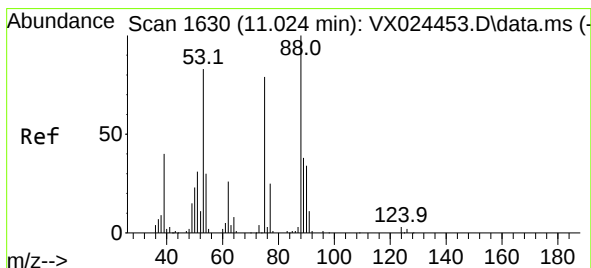
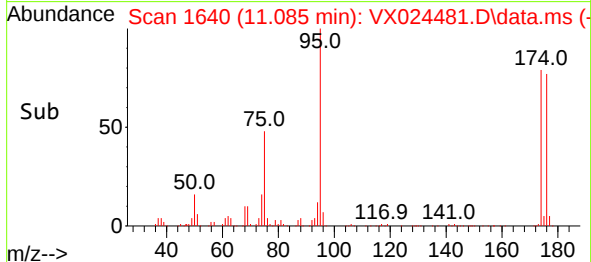
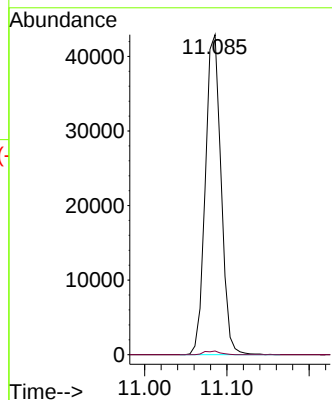
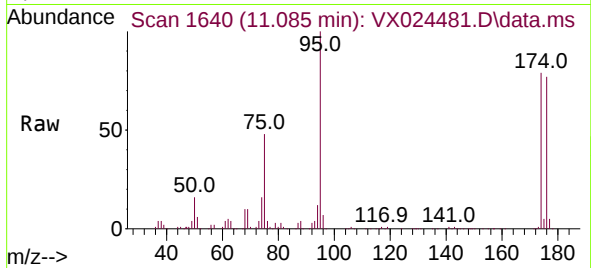




#76
1,2,3-Trichloropropane
Concen: 24.700 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Instrument :
MSVOA_X
ClientSampleId :
MW203D-20210918

Tgt Ion: 75 Resp: 56852
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.379 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024481.D
Acq: 24 Sep 2021 04:38

Tgt Ion: 75 Resp: 56852
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

