

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022768.D
 Acq On : 18 Jun 2021 15:24
 Operator : JC/MD
 Sample : M2750-22DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20210616DL

Quant Time: Jun 19 01:44:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

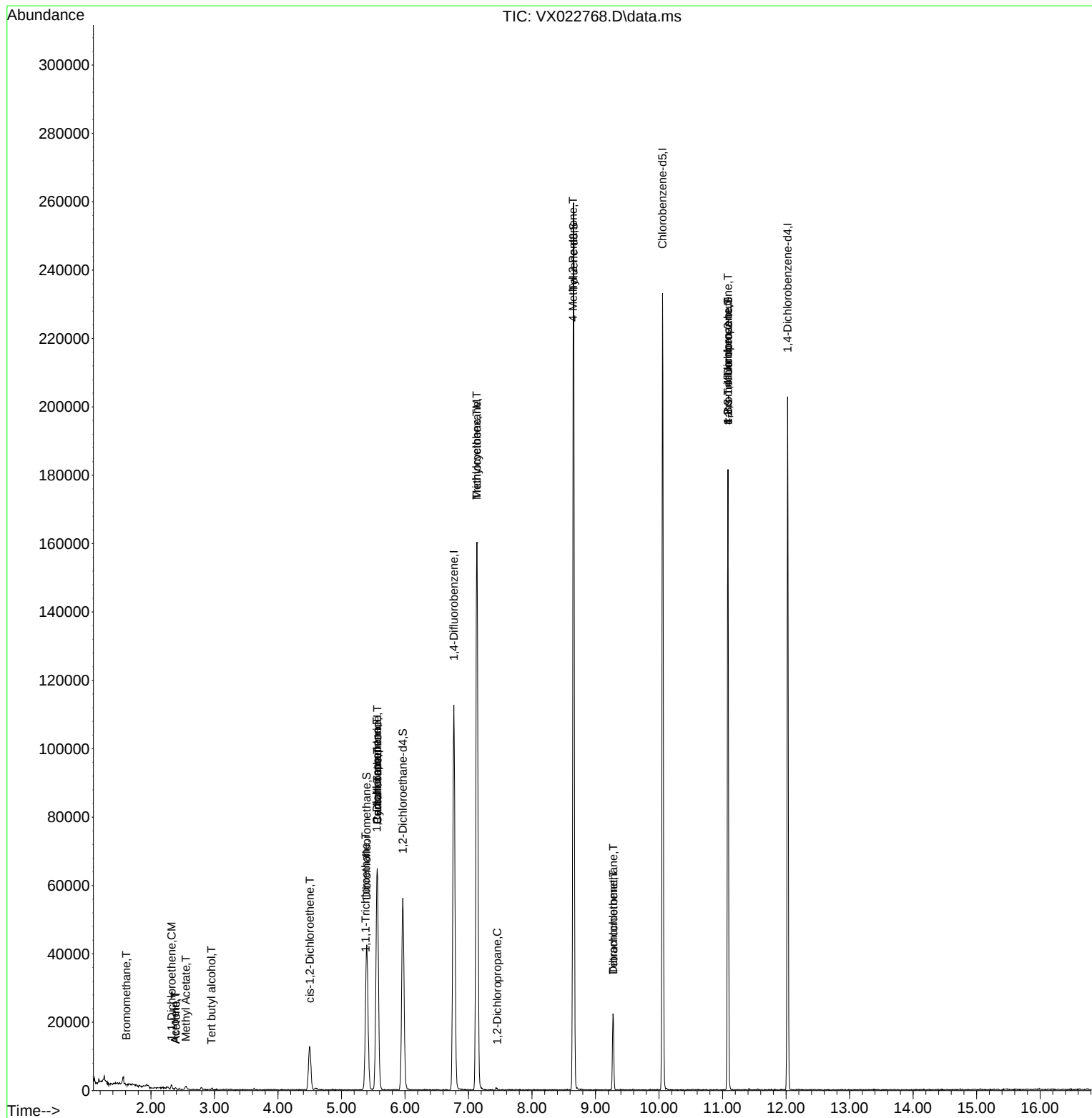
Internal Standards						
1) Pentafluorobenzene	5.562	168	52552	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109128	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35104	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50173	53.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.180%			
35) Dibromofluoromethane	5.397	113	36251	52.065	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	8.653	98	144719	52.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.460%			
62) 4-Bromofluorobenzene	11.085	95	47675	45.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.860%			
Target Compounds						Qvalue
5) Bromomethane	1.612	94	161	0.404	ug/l	# 2
11) Tert butyl alcohol	2.953	59	120	0.548	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	486	0.762	ug/l	# 71
13) Acrolein	2.380	56	42	0.458	ug/l	# 14
16) Acetone	2.392	43	441	1.042	ug/l	# 40
18) Methyl Acetate	2.550	43	417	0.327	ug/l	# 47
27) cis-1,2-Dichloroethene	4.501	96	7784	9.037	ug/l	90
31) Cyclohexane	5.562	56	1691	1.483	ug/l	# 29
32) 1,1,1-Trichloroethane	5.379	97	87	0.978	ug/l	# 24
36) 1,1-Dichloropropene	5.556	75	5722	5.262	ug/l	# 46
38) Carbon Tetrachloride	5.562	117	6329	6.805	ug/l	# 17
39) Methylcyclohexane	7.129	83	869	0.766	ug/l	# 1
44) Trichloroethene	7.129	130	58508	77.046	ug/l	94
45) 1,2-Dichloropropane	7.452	63	258	0.296	ug/l	# 43
51) 4-Methyl-2-Pentanone	8.647	43	784	0.566	ug/l	# 1
60) Dibromochloromethane	9.281	129	3985	7.781	ug/l	# 11
64) Tetrachloroethene	9.281	164	3605	5.976	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	26118	28.061	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	26118	69.921	ug/l	# 12

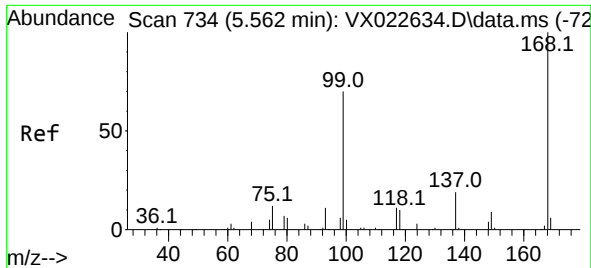
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX022768.D
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

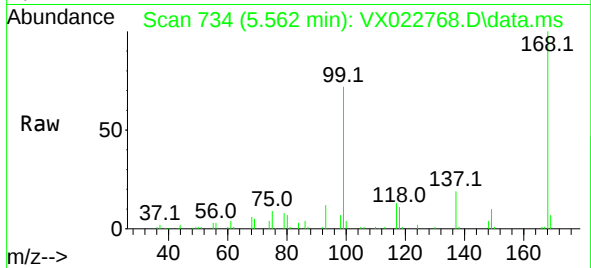
Quant Time: Jun 19 01:44:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



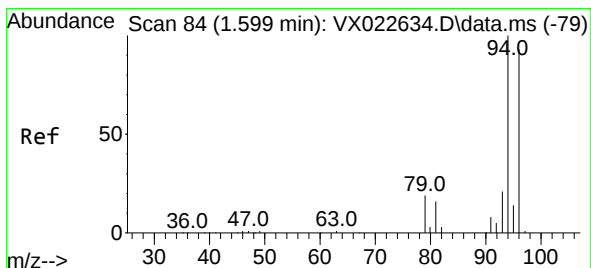
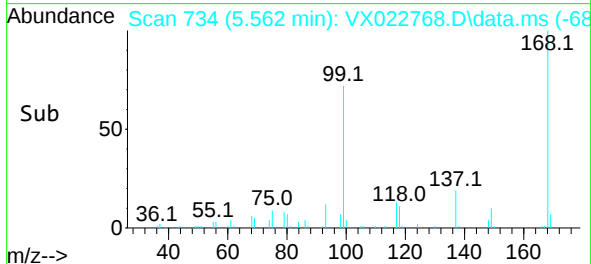
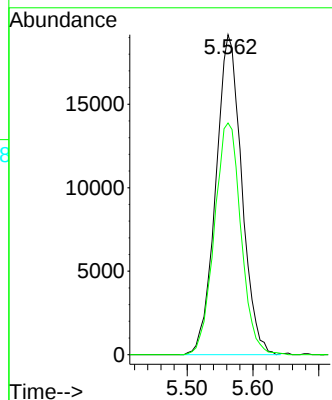


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

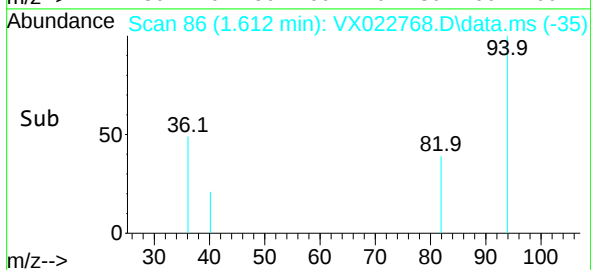
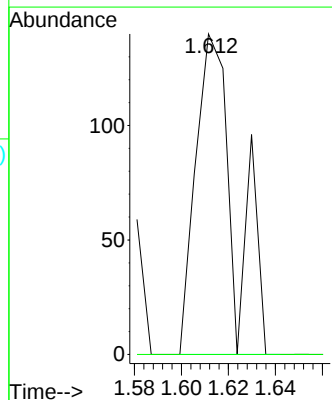
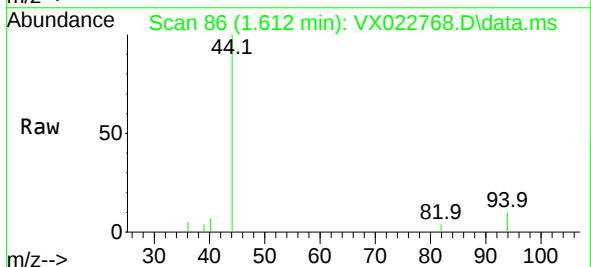


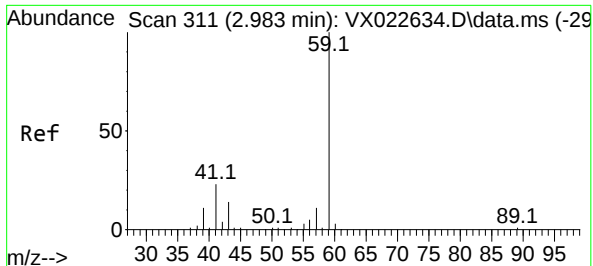
Tgt Ion:168 Resp: 52552
Ion Ratio Lower Upper
168 100
99 72.4 45.8 68.6#



#5
Bromomethane
Concen: 0.404 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 94 Resp: 161
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



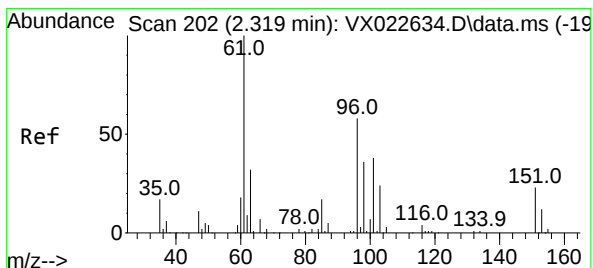
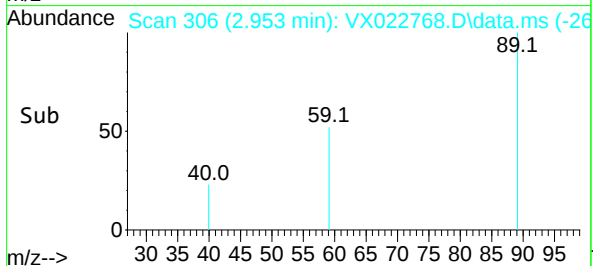
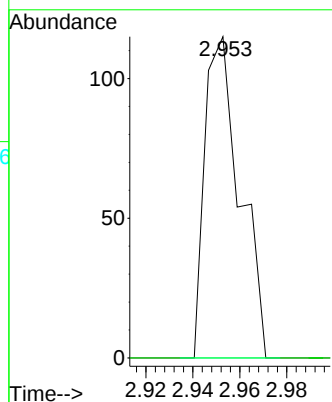
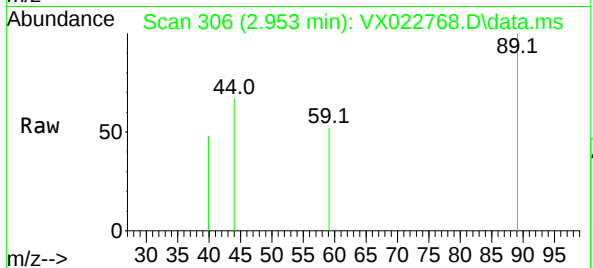


#11

Tert butyl alcohol
Concen: 0.548 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

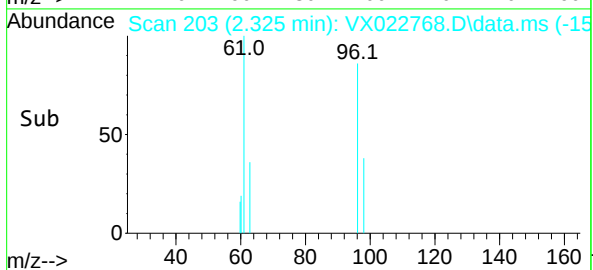
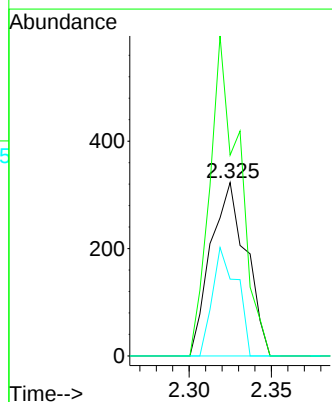
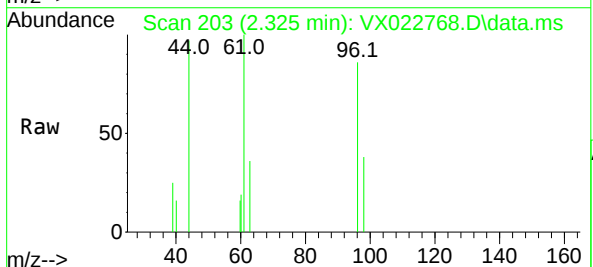
Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

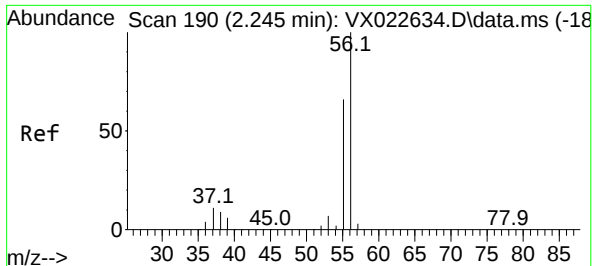


#12

1,1-Dichloroethene
Concen: 0.762 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 96 Resp: 486
Ion Ratio Lower Upper
96 100
61 115.8 124.6 187.0#
98 44.3 50.6 76.0#

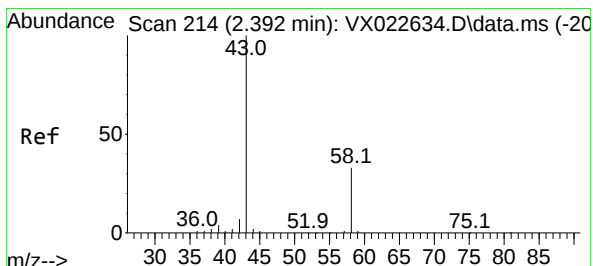
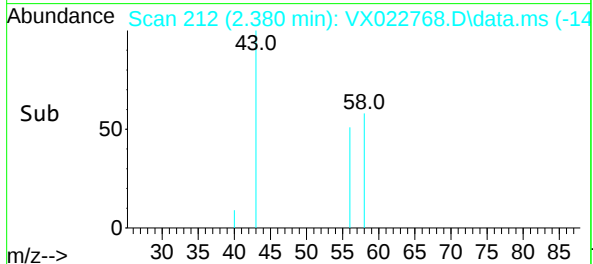
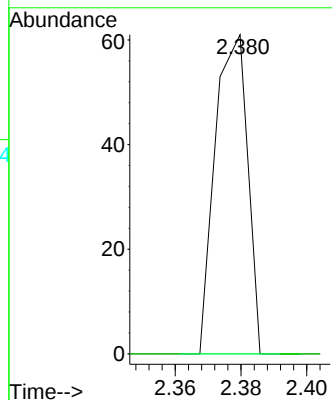
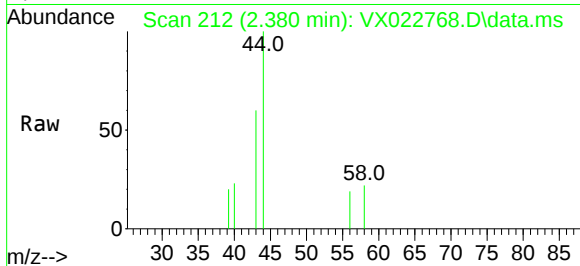




#13
Acrolein
Concen: 0.458 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.141 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

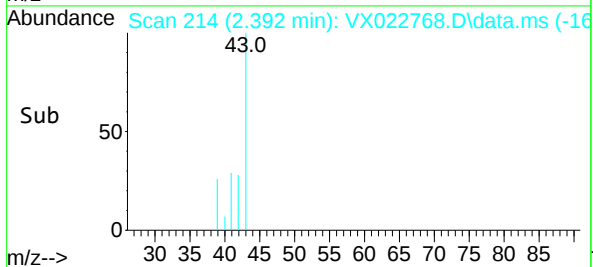
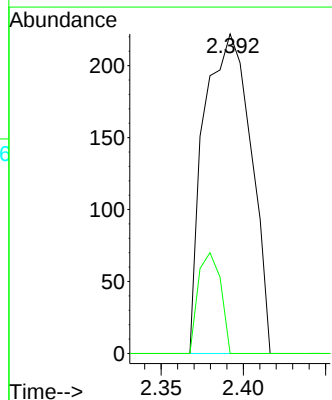
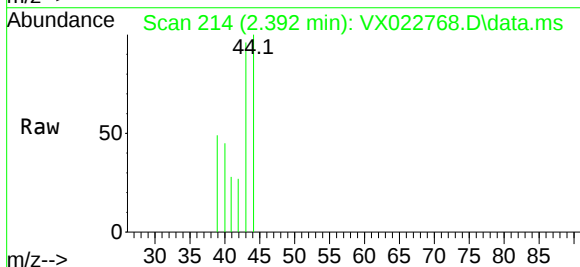
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

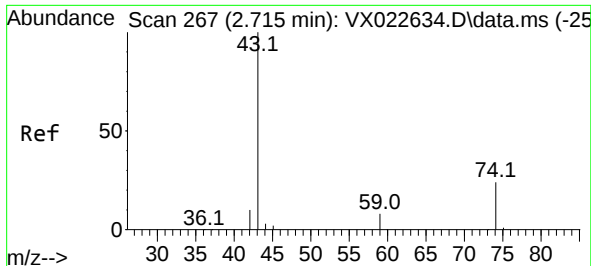
Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.042 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 43 Resp: 441
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

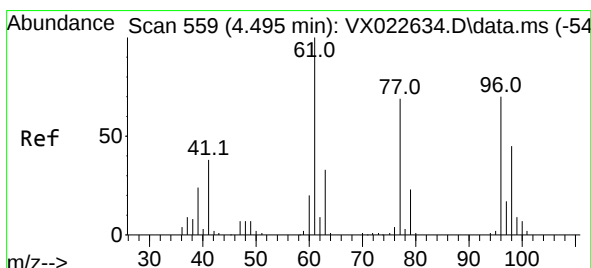
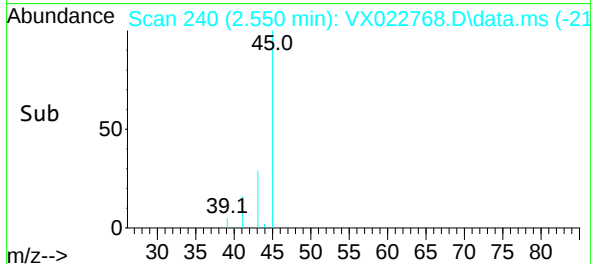
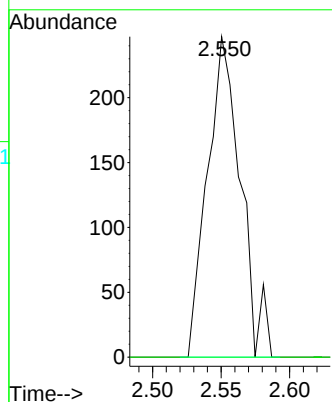
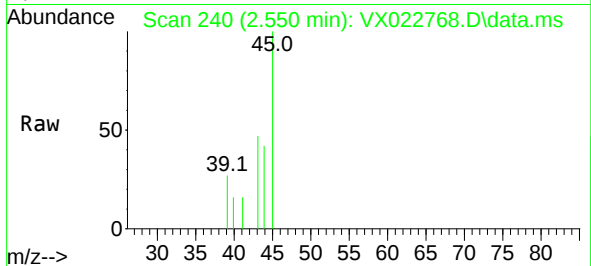




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

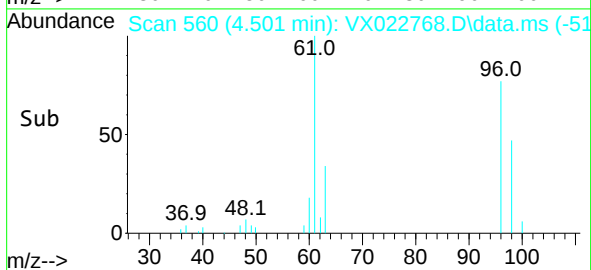
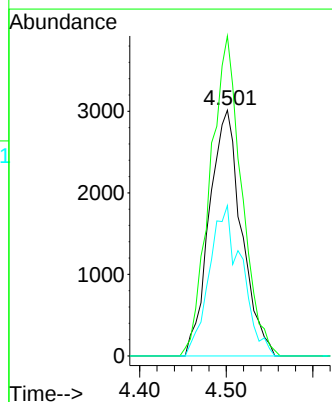
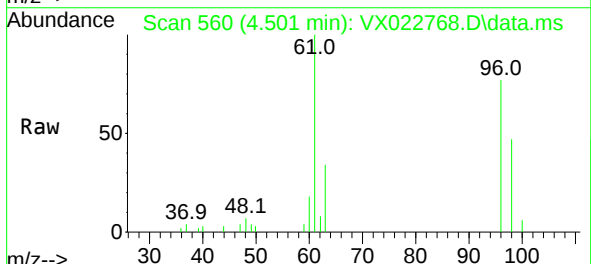
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

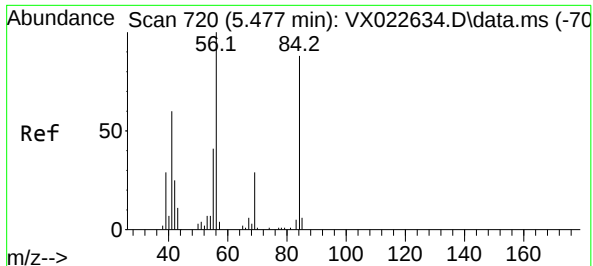
Tgt Ion: 43 Resp: 417
Ion Ratio Lower Upper
43 100
74 0.0 21.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 9.037 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

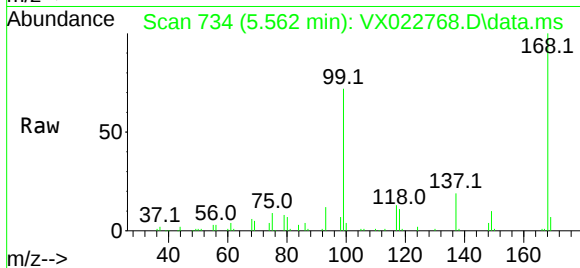
Tgt Ion: 96 Resp: 7784
Ion Ratio Lower Upper
96 100
61 127.7 0.0 285.6
98 61.9 0.0 129.6



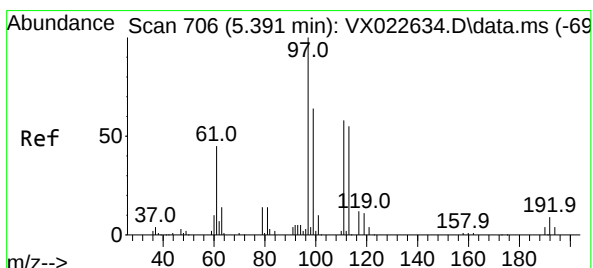
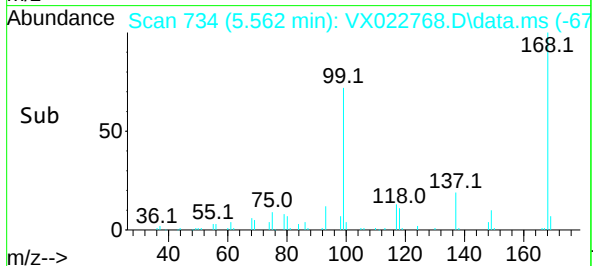
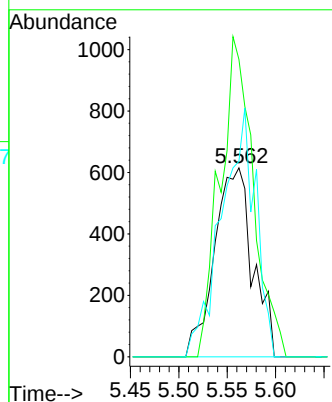


#31
Cyclohexane
Concen: 1.483 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

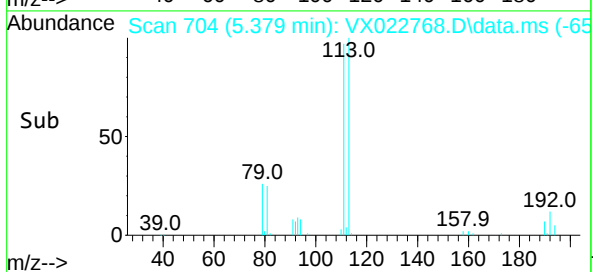
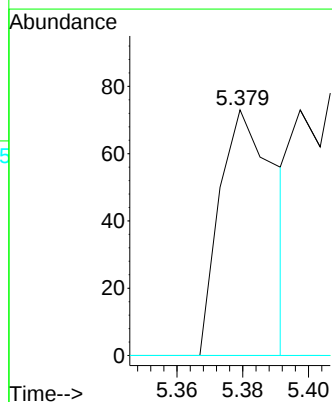
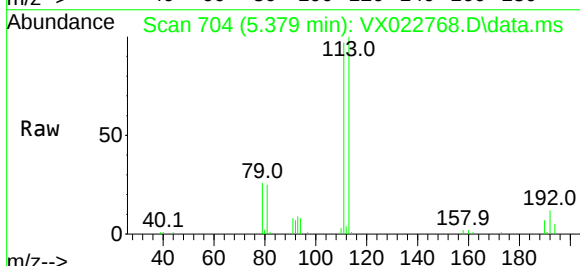


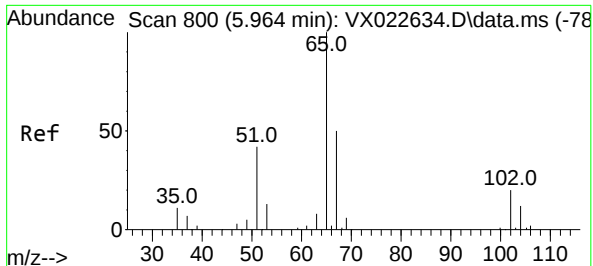
Tgt Ion: 56 Resp: 1691
Ion Ratio Lower Upper
56 100
69 157.4 25.3 37.9#
84 103.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.978 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 97 Resp: 87
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 0.0 34.2 51.4#



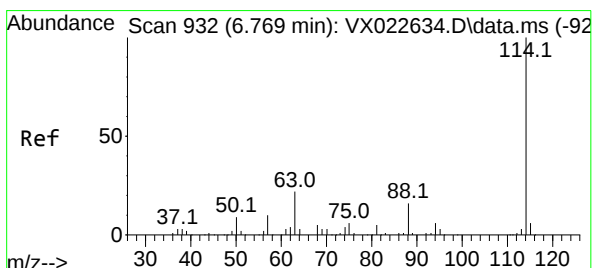
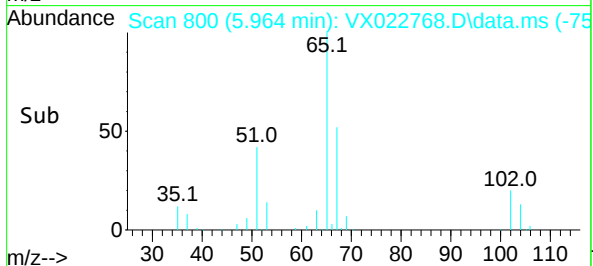
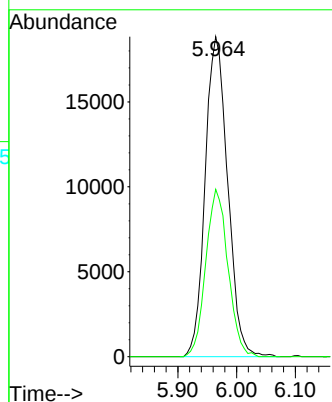
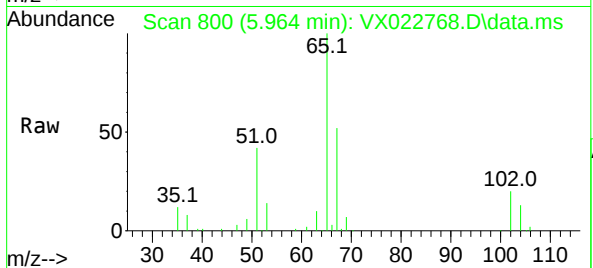


#33

1,2-Dichloroethane-d4
Concen: 53.086 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Instrument :
MSVOA_X
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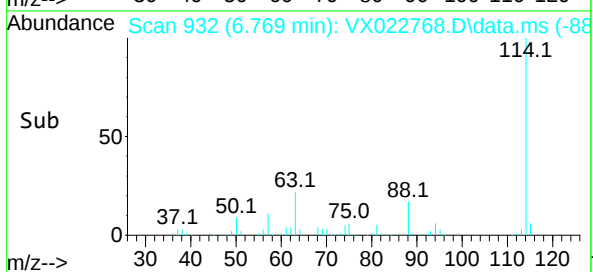
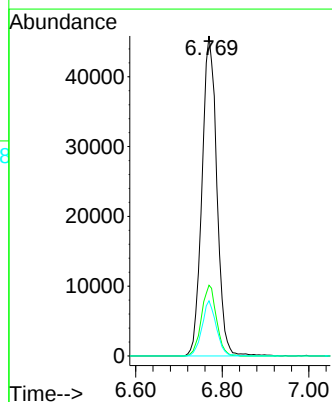
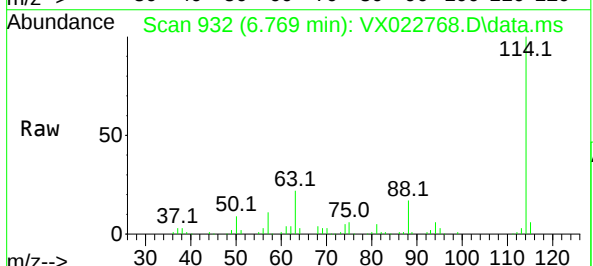
Tgt Ion: 65 Resp: 50173
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

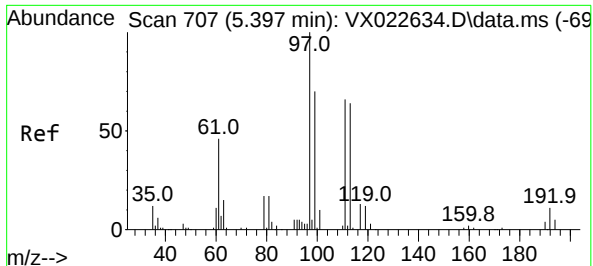


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 114 Resp: 109128
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.8
88 17.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 52.065 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022768.D

Acq: 18 Jun 2021 15:24

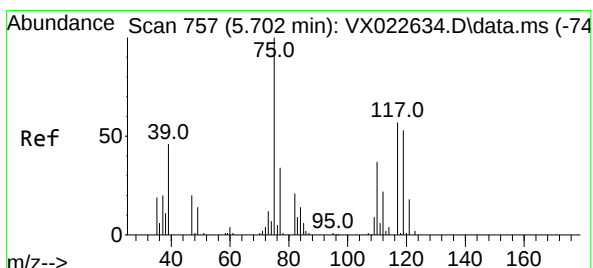
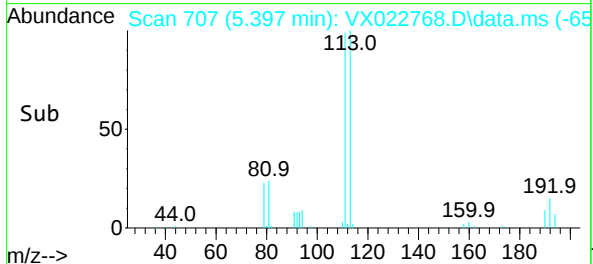
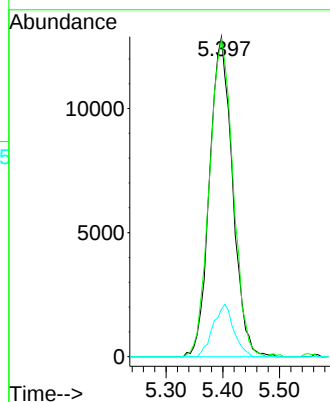
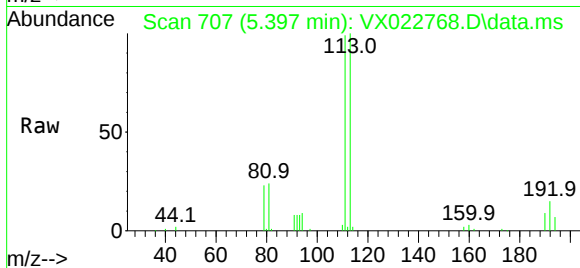
Tgt Ion:113 Resp: 36251

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 14.7 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 5.262 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022768.D

Acq: 18 Jun 2021 15:24

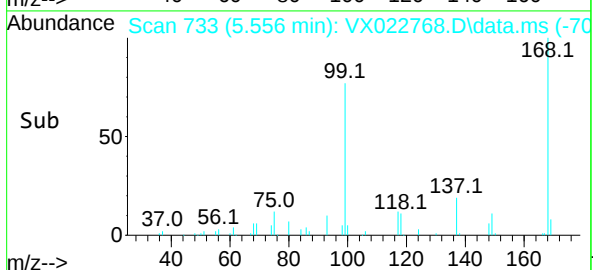
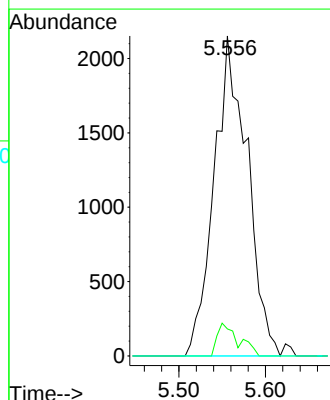
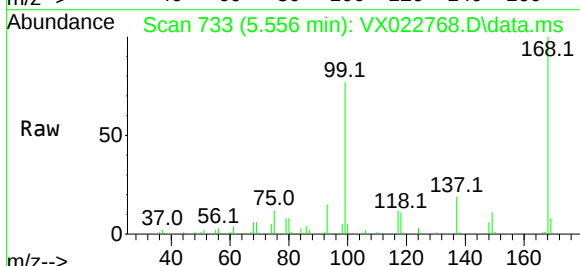
Tgt Ion: 75 Resp: 5722

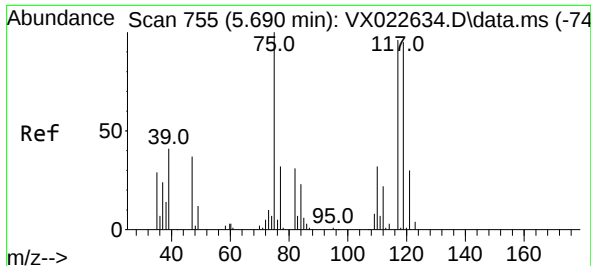
Ion Ratio Lower Upper

75 100

110 6.5 18.1 54.4#

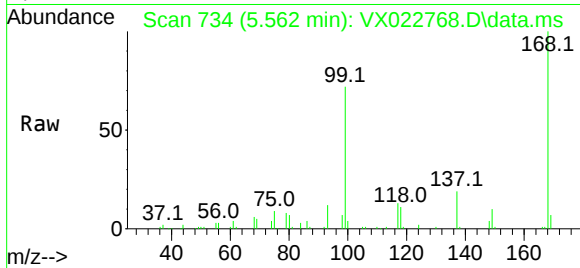
77 0.0 25.3 37.9#



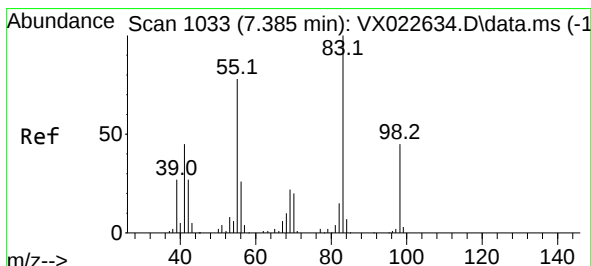
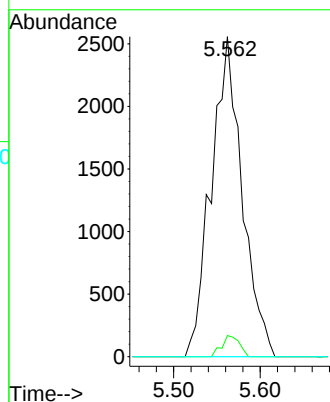
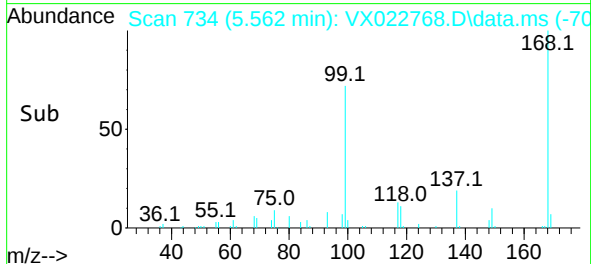


#38
Carbon Tetrachloride
Concen: 6.805 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

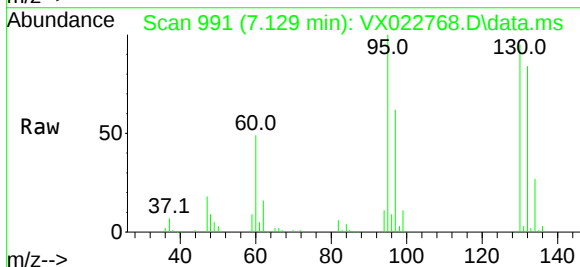
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL



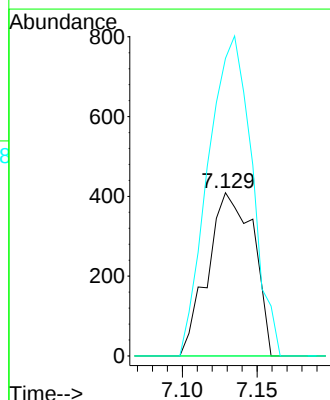
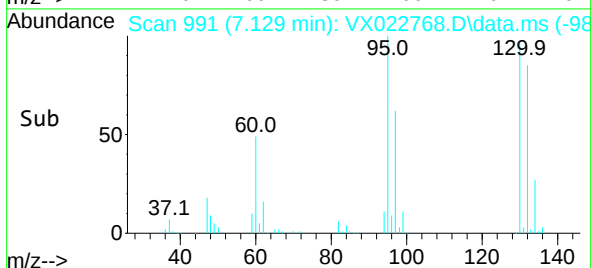
Tgt Ion:117 Resp: 6329
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#

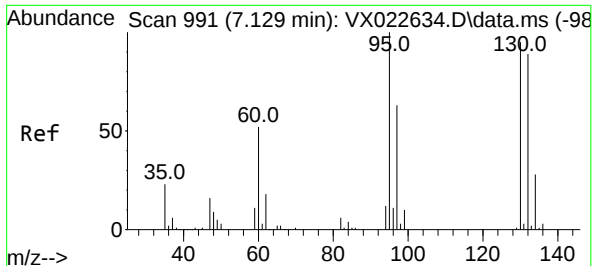


#39
Methylcyclohexane
Concen: 0.766 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24



Tgt Ion: 83 Resp: 869
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 182.4 38.1 57.1#

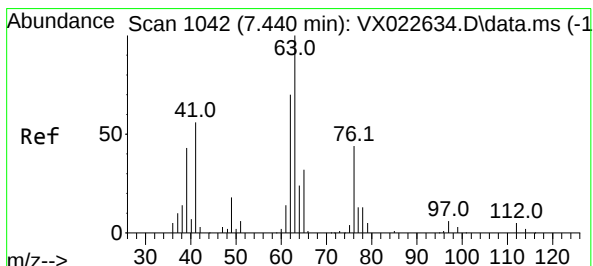
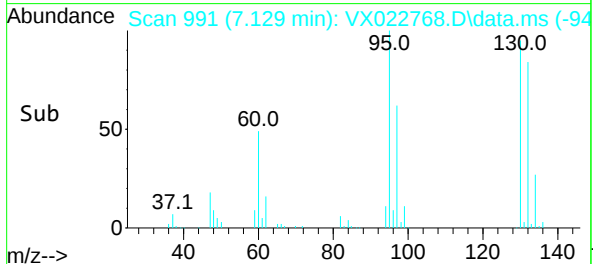
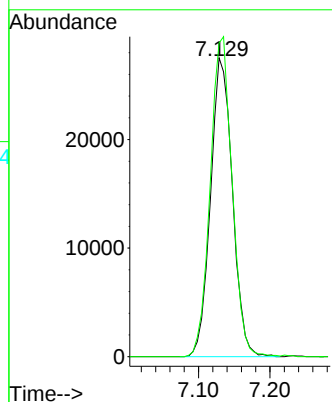
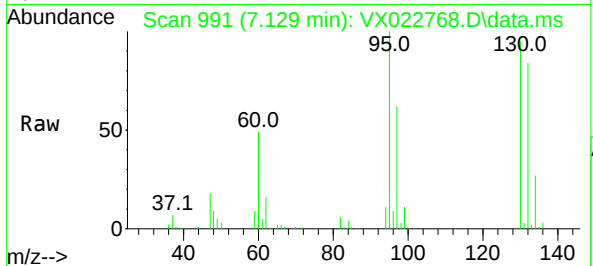




#44
Trichloroethene
Concen: 77.046 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

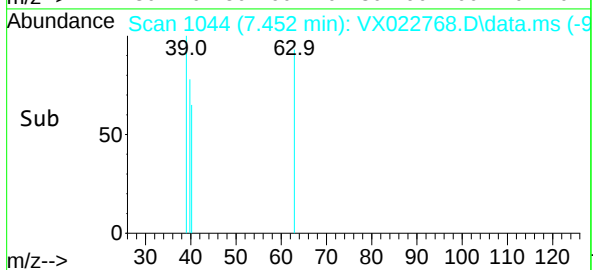
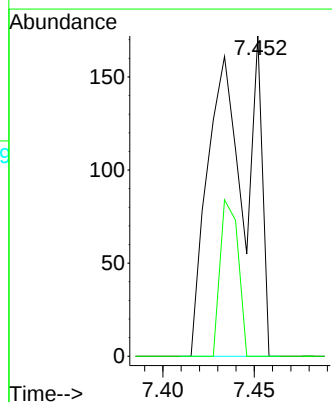
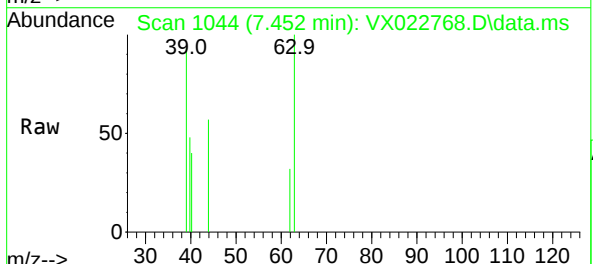
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

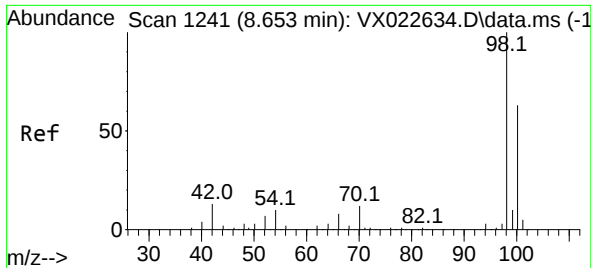
Tgt Ion:130 Resp: 58508
Ion Ratio Lower Upper
130 100
95 105.0 0.0 198.0



#45
1,2-Dichloropropane
Concen: 0.296 ug/l
RT: 7.452 min Scan# 1044
Delta R.T. 0.012 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 63 Resp: 258
Ion Ratio Lower Upper
63 100
65 0.0 25.7 38.5#

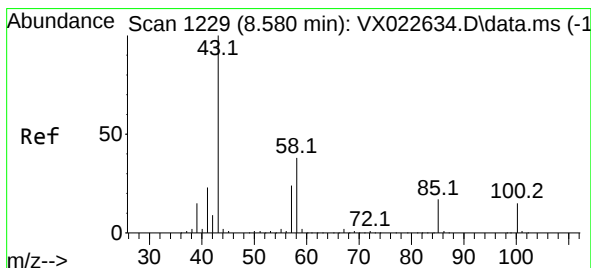
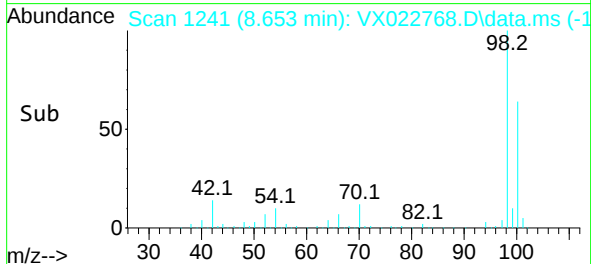
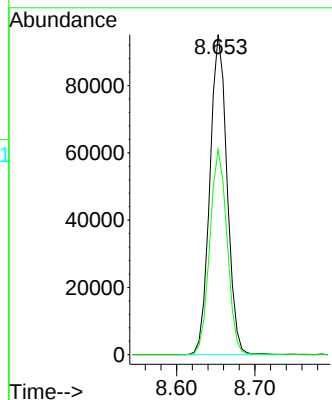
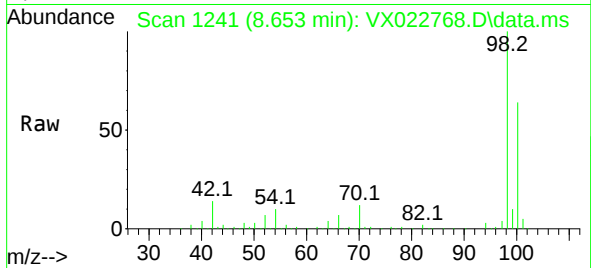




#50
Toluene-d8
Concen: 52.727 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

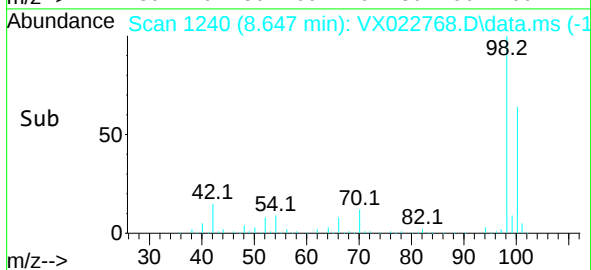
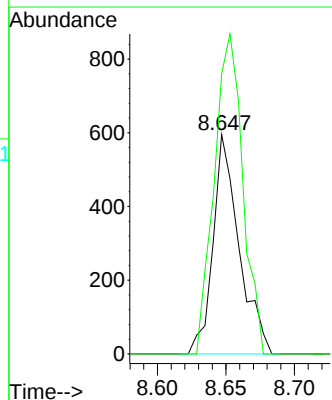
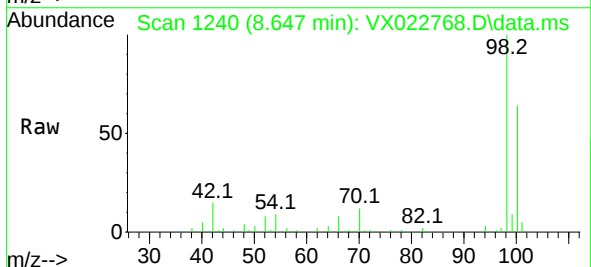
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

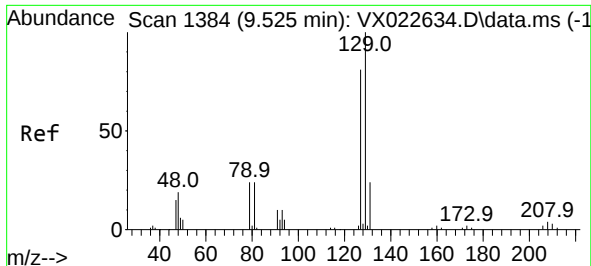
Tgt Ion: 98 Resp: 144719
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.566 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 160.1 35.4 53.0#

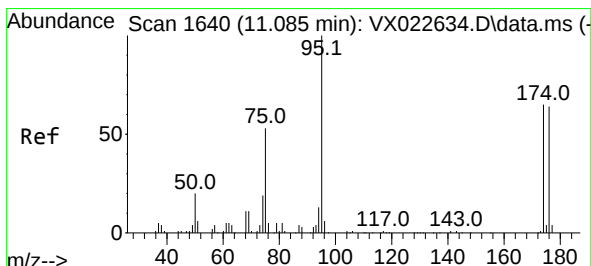
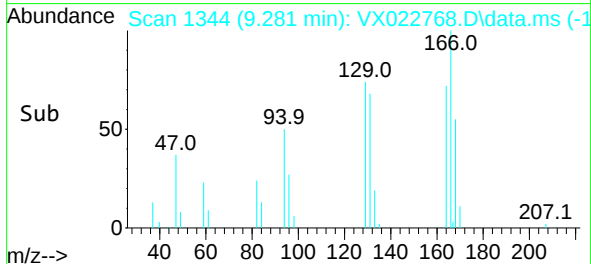
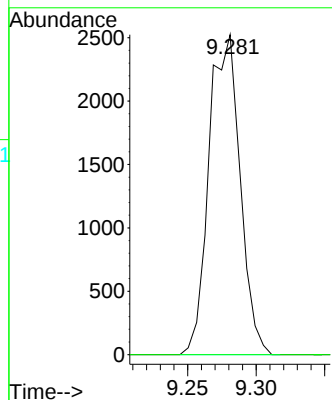
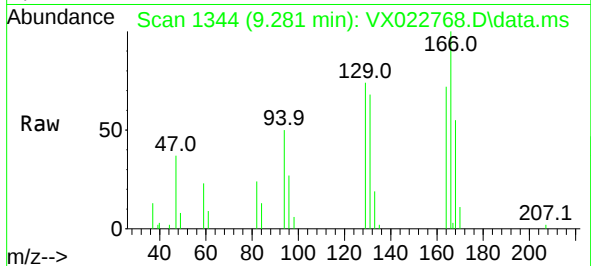




#60
Dibromochloromethane
Concen: 7.781 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

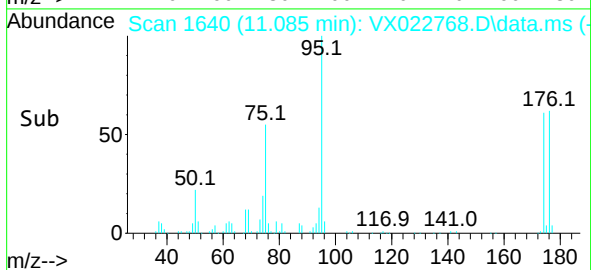
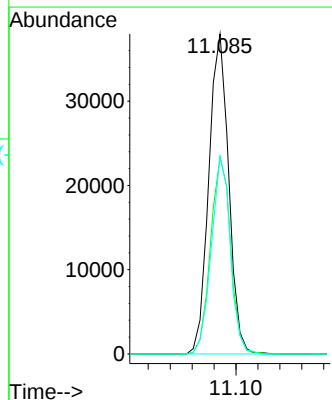
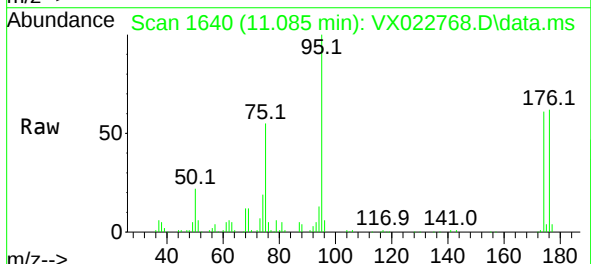
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

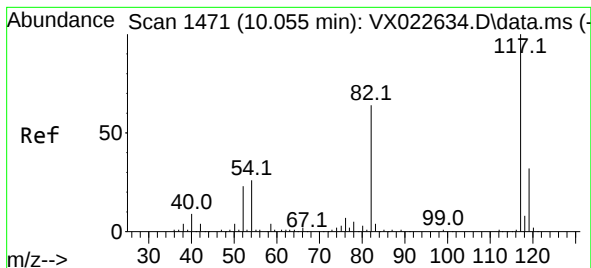
Tgt Ion:129 Resp: 3985
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 45.927 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion: 95 Resp: 47675
Ion Ratio Lower Upper
95 100
174 61.9 0.0 154.6
176 59.0 0.0 155.8

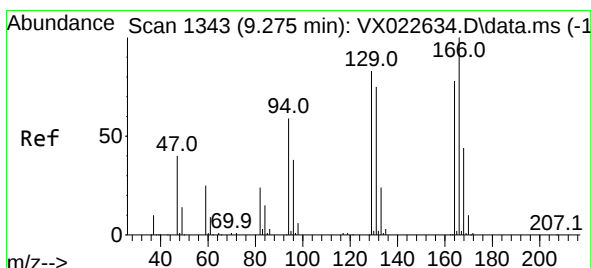
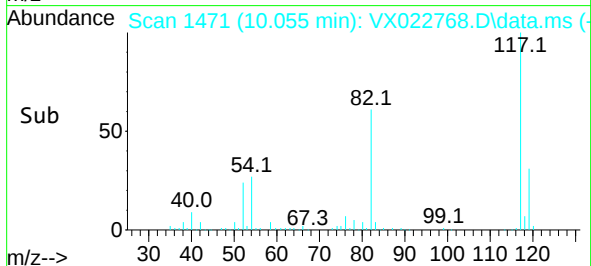
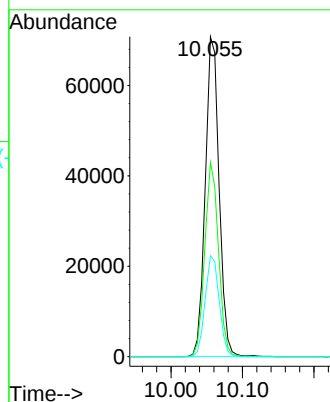
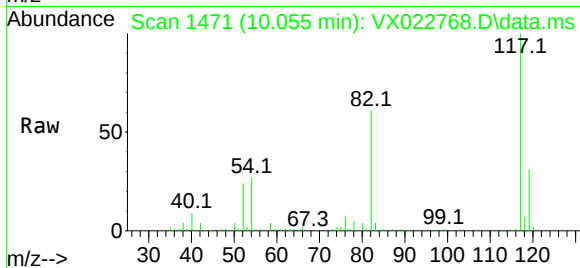




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

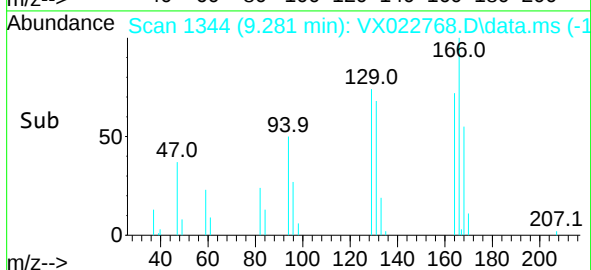
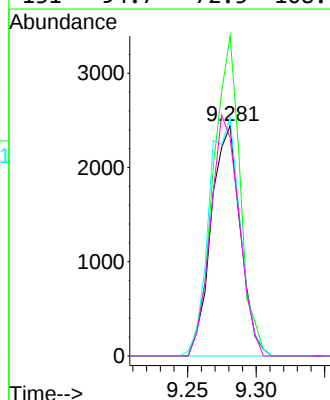
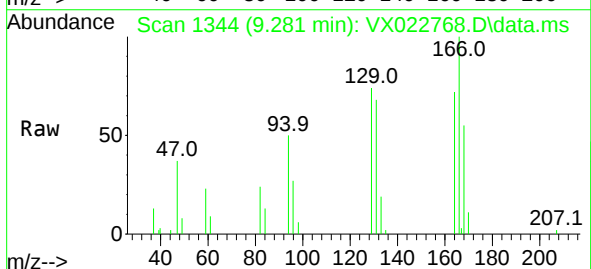
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20210616DL

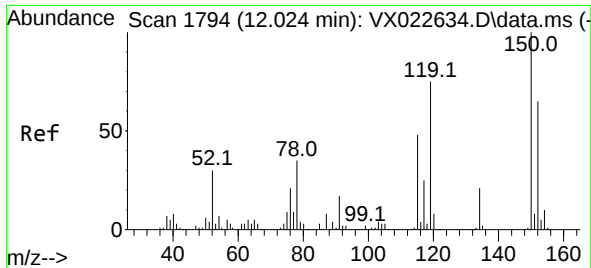
Tgt Ion:	117	Resp:	95387
Ion	Ratio	Lower	Upper
117	100		
82	60.8	47.4	71.2
119	31.5	26.6	39.8



#64
Tetrachloroethene
Concen: 5.976 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022768.D
Acq: 18 Jun 2021 15:24

Tgt Ion:	164	Resp:	3605
Ion	Ratio	Lower	Upper
164	100		
166	139.0	103.4	155.2
129	103.3	70.8	106.2
131	94.7	72.5	108.7

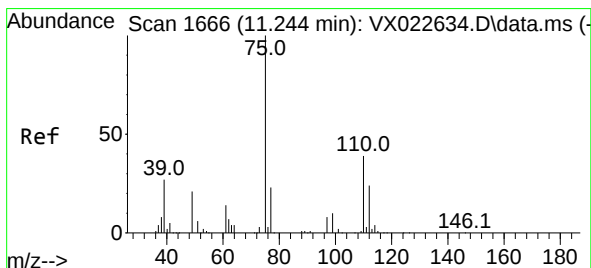
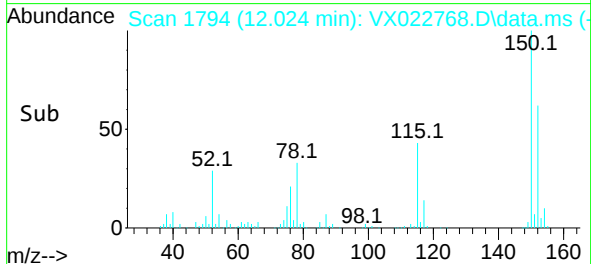
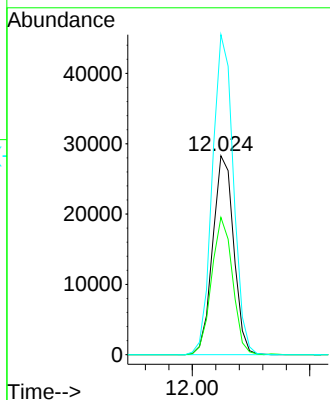
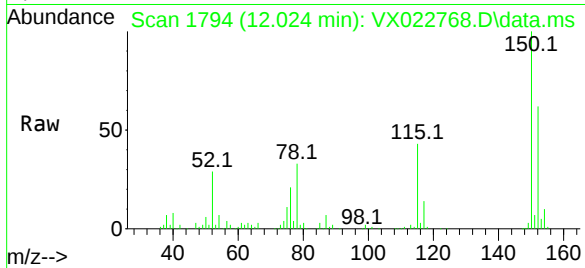




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022768.D
 Acq: 18 Jun 2021 15:24

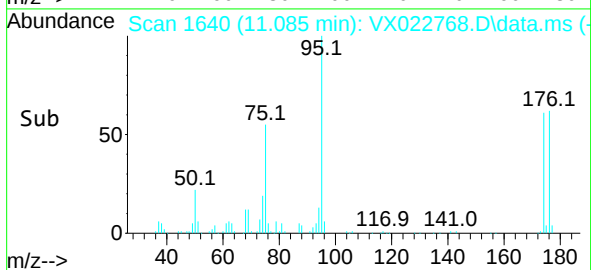
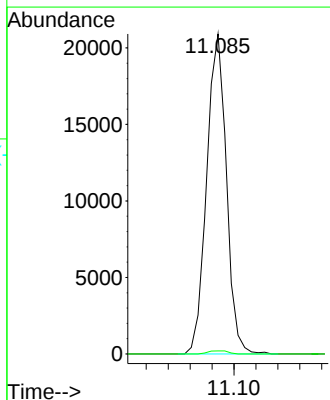
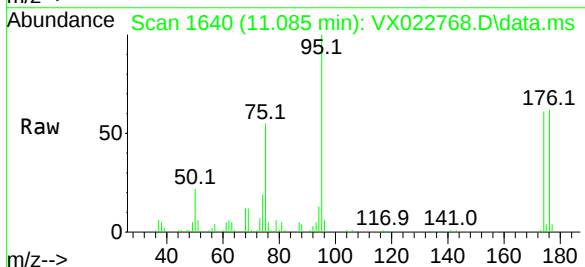
Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20210616DL

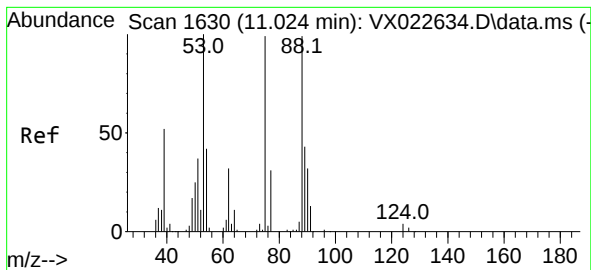
Tgt Ion:152 Resp: 35104
 Ion Ratio Lower Upper
 152 100
 115 68.7 41.1 123.3
 150 161.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 28.061 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022768.D
 Acq: 18 Jun 2021 15:24

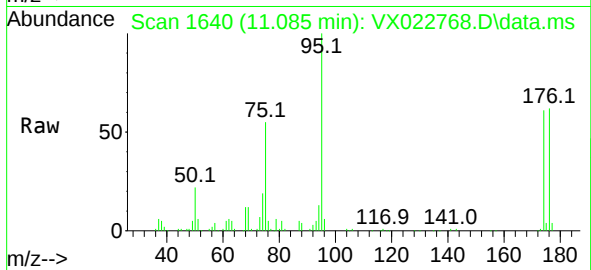
Tgt Ion: 75 Resp: 26118
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.921 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022768.D
 Acq: 18 Jun 2021 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20210616DL



Tgt Ion: 75 Resp: 26118
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

