

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081721\
 Data File : VX023779.D
 Acq On : 17 Aug 2021 22:22
 Operator : JC/MD
 Sample : VX0817WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBL02

Quant Time: Aug 18 06:14:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

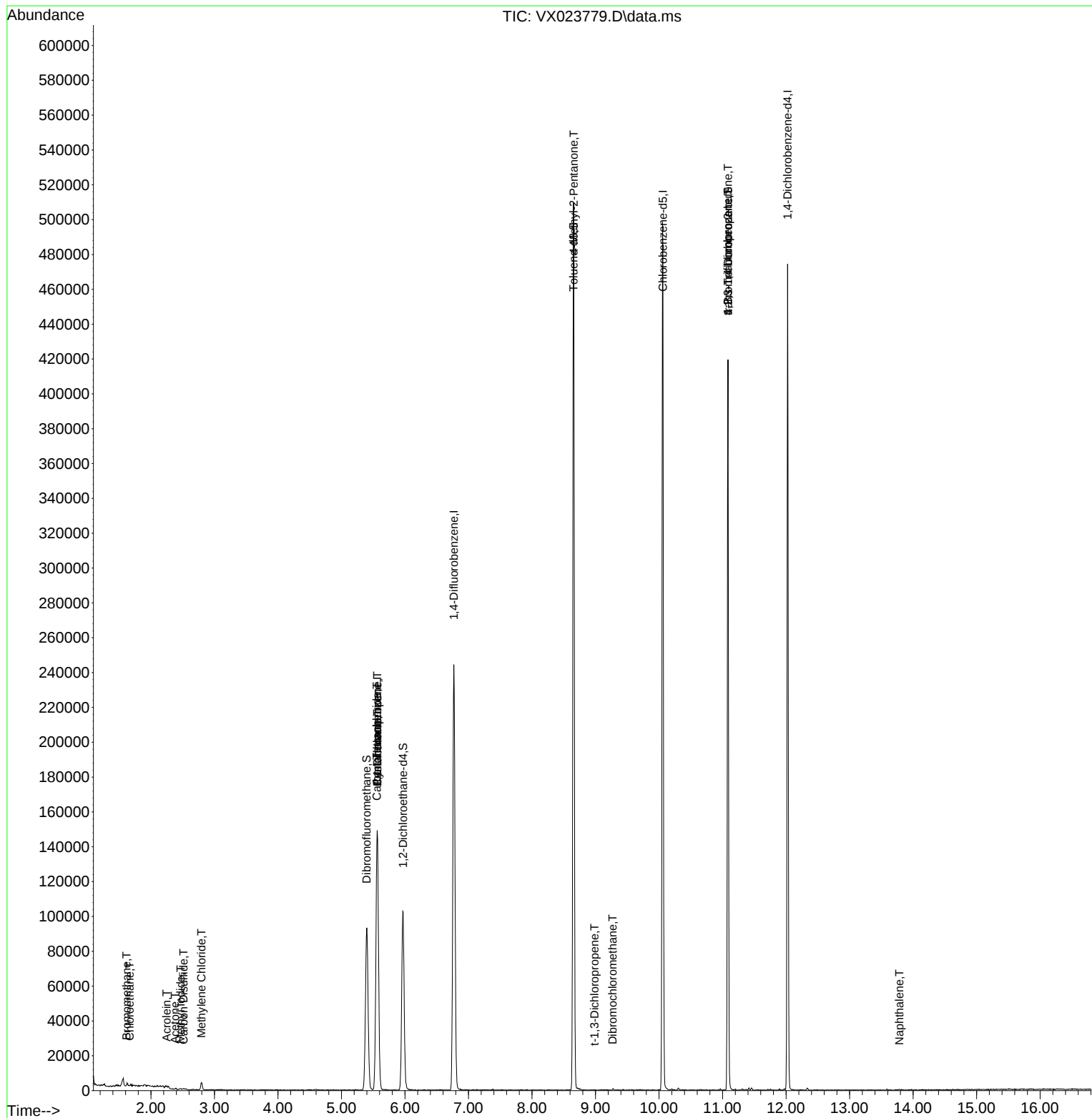
Internal Standards						
1) Pentafluorobenzene	5.562	168	142155	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	245852	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	226783	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93893	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	99705	50.254	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.500%			
35) Dibromofluoromethane	5.397	113	80106	49.228	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.460%			
50) Toluene-d8	8.653	98	296945	47.946	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.900%			
62) 4-Bromofluorobenzene	11.085	95	104820	45.975	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.960%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	782	0.775	ug/l #	67
6) Chloroethane	1.666	64	93	2.284	ug/l #	43
10) Methyl Iodide	2.465	142	812	0.409	ug/l #	78
13) Acrolein	2.246	56	131	0.549	ug/l #	66
16) Acetone	2.380	43	695	0.783	ug/l #	77
17) Carbon Disulfide	2.514	76	939	0.289	ug/l	98
20) Methylene Chloride	2.794	84	1970	1.163	ug/l #	76
31) Cyclohexane	5.562	56	3311	1.299	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	11045	4.851	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14127	5.950	ug/l #	16
51) 4-Methyl-2-Pentanone	8.659	43	1496	0.529	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	113	2.174	ug/l #	44
60) Dibromochloromethane	9.269	129	107	1.740	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	54416	24.844	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	54416	73.081	ug/l #	12
95) Naphthalene	13.786	128	427	1.343	ug/l #	69

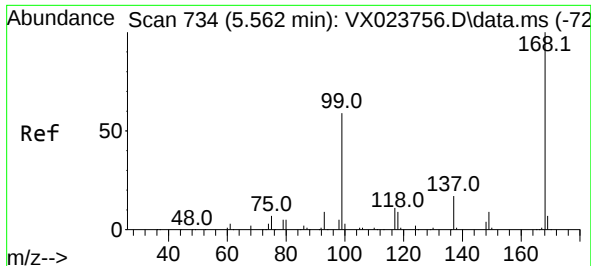
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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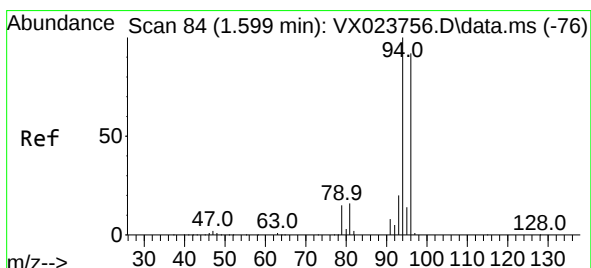
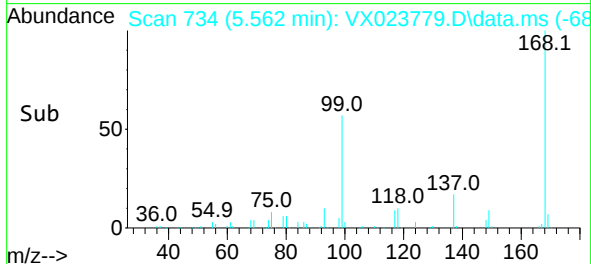
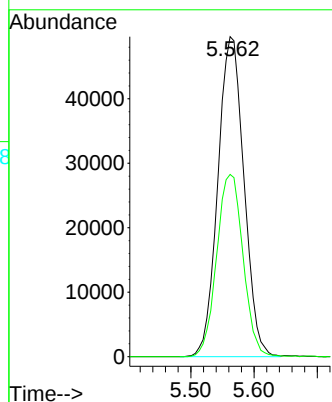
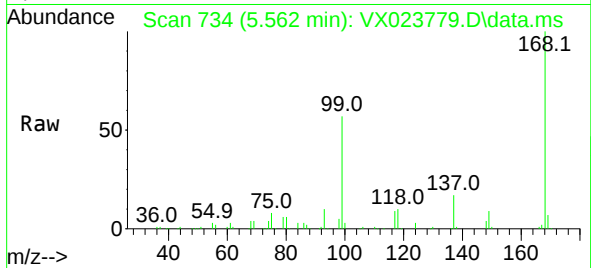




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

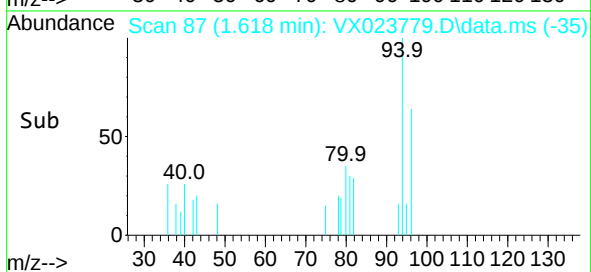
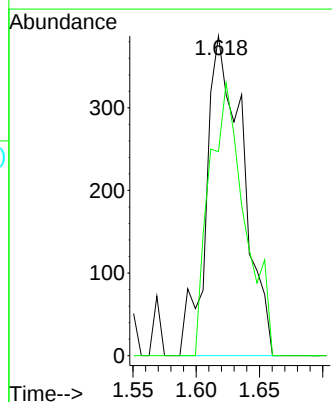
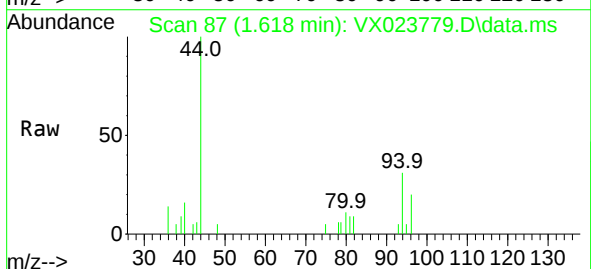
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

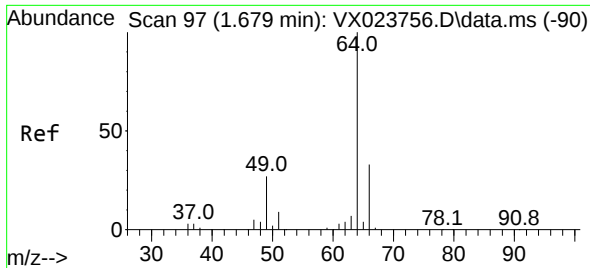
Tgt Ion:168 Resp: 142155
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



#5
Bromomethane
Concen: 0.775 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 94 Resp: 782
Ion Ratio Lower Upper
94 100
96 63.8 76.4 114.6#

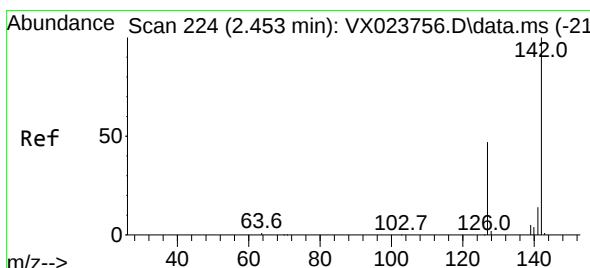
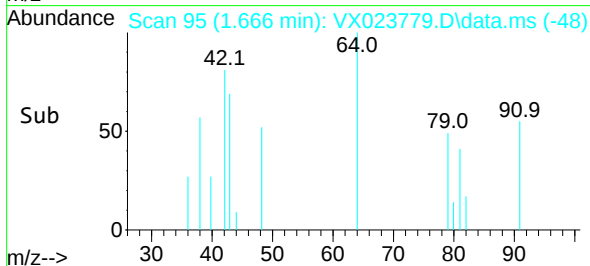
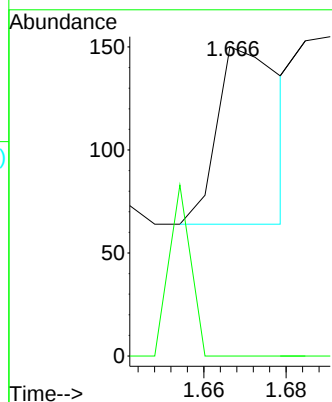
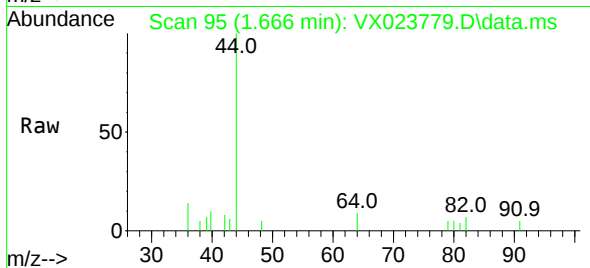




#6
Chloroethane
Concen: 2.284 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

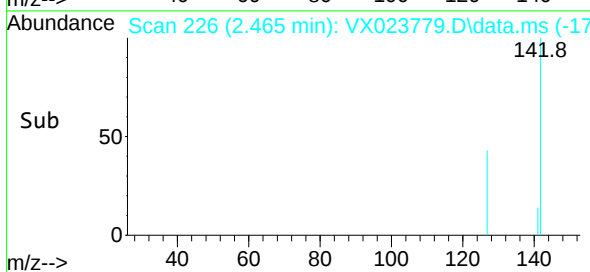
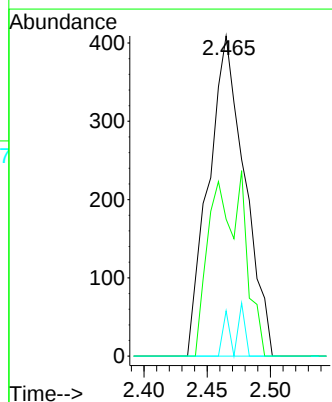
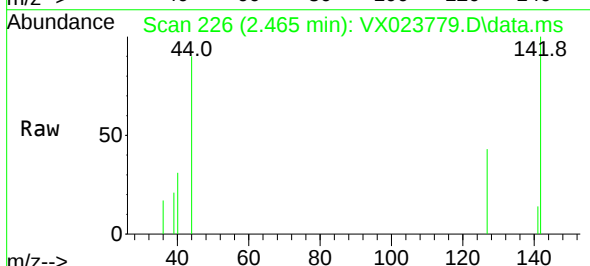
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

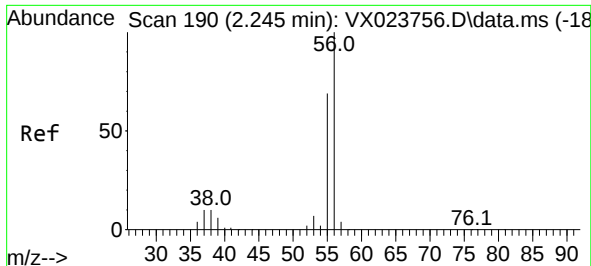
Tgt Ion: 64 Resp: 93
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.409 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 142 Resp: 812
Ion Ratio Lower Upper
142 100
127 54.4 33.3 49.9#
141 2.6 11.4 17.0#

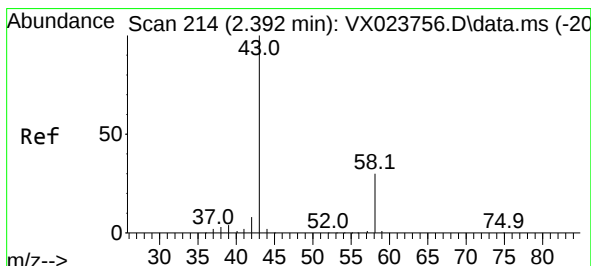
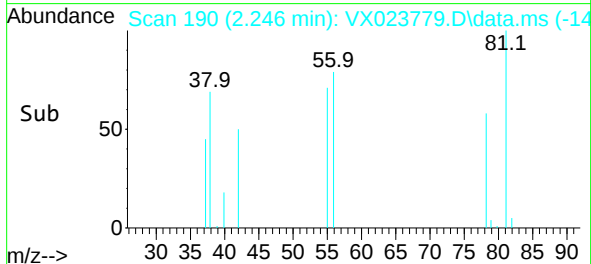
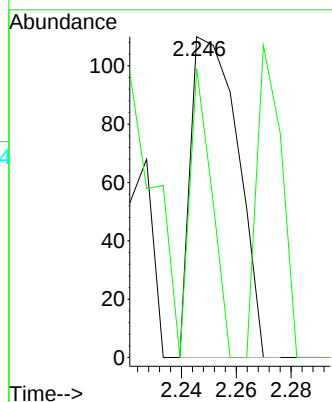
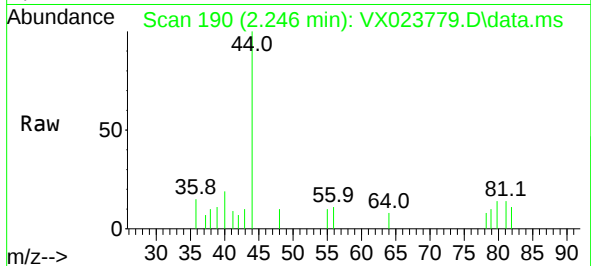




#13
Acrolein
Concen: 0.549 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.001 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

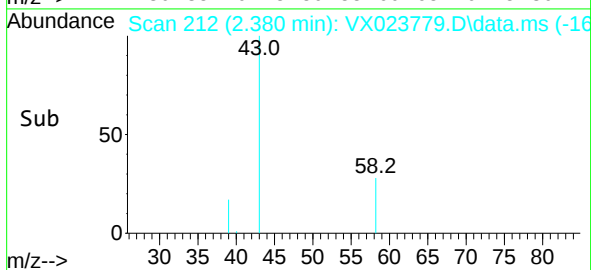
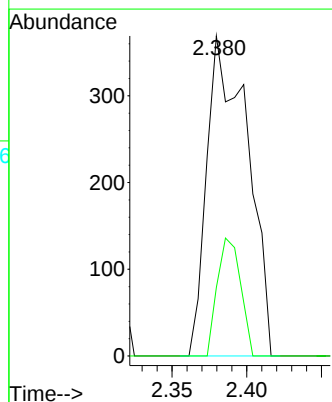
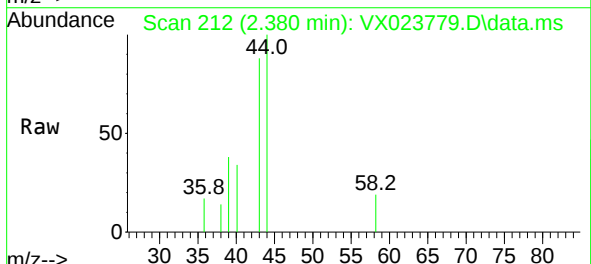
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

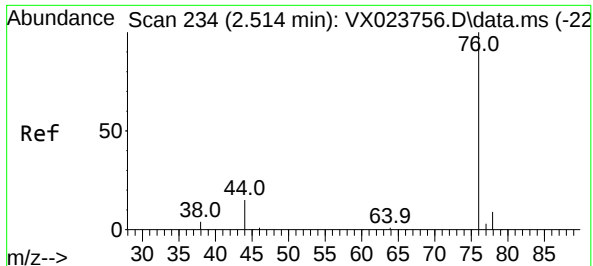
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 42.7 56.4 84.6#



#16
Acetone
Concen: 0.783 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

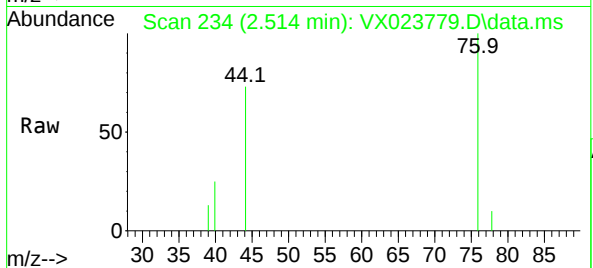
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
58 21.4 27.8 41.8#



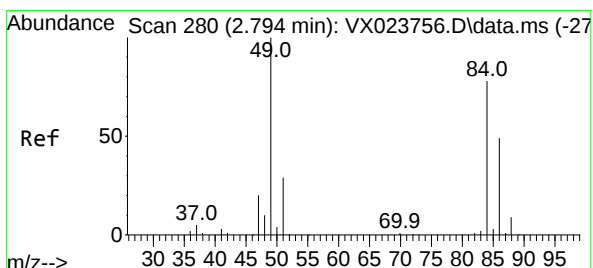
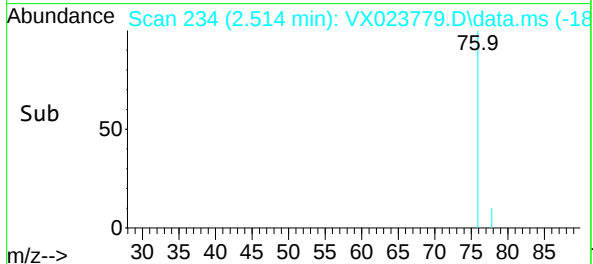
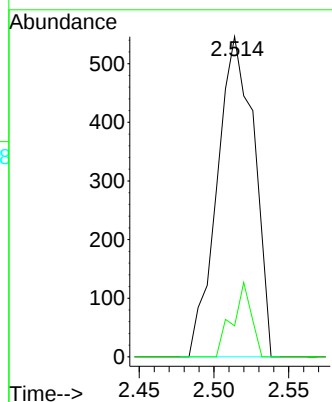


#17
Carbon Disulfide
Concen: 0.289 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

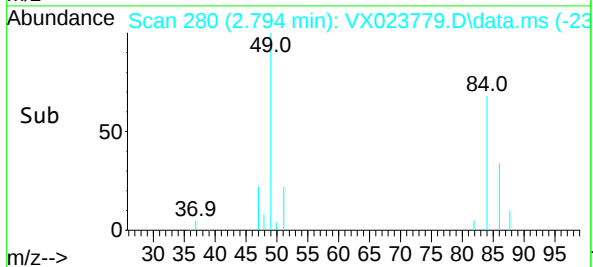
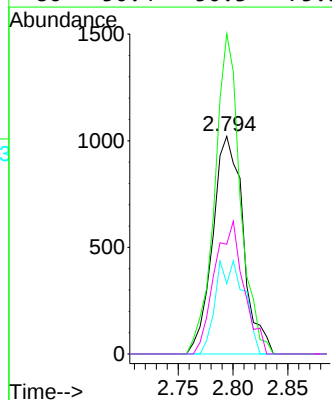
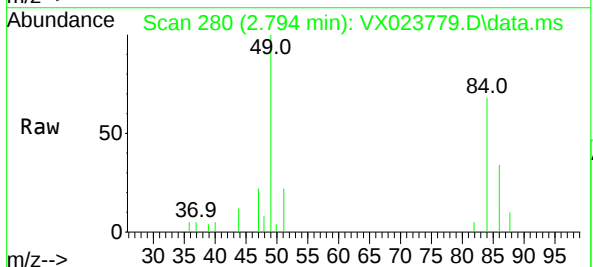


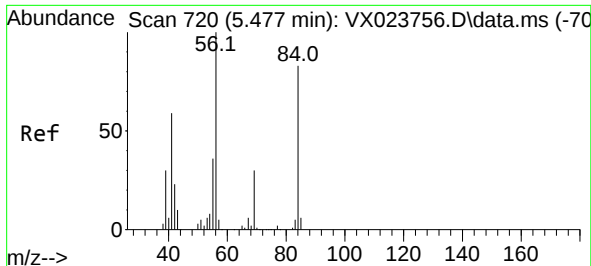
Tgt Ion: 76 Resp: 939
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#20
Methylene Chloride
Concen: 1.163 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 84 Resp: 1970
Ion Ratio Lower Upper
84 100
49 147.0 88.6 132.8#
51 32.3 27.0 40.6
86 50.4 50.3 75.5

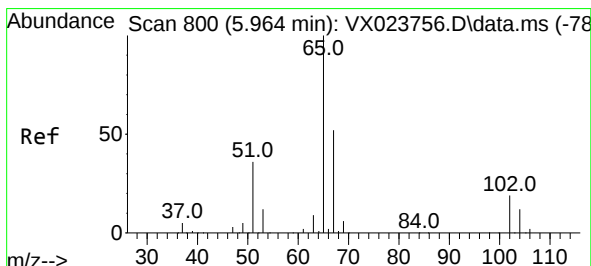
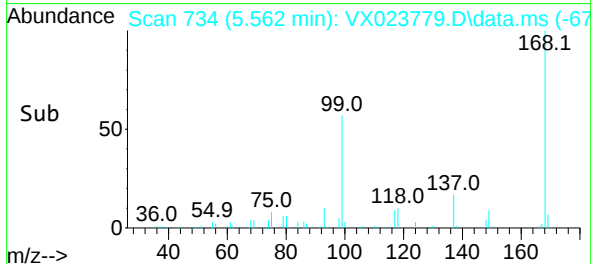
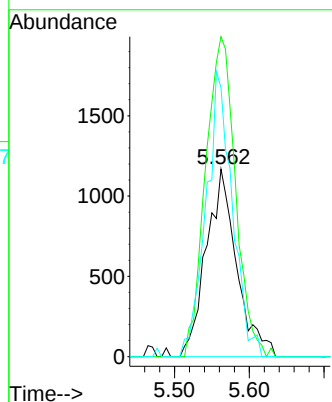
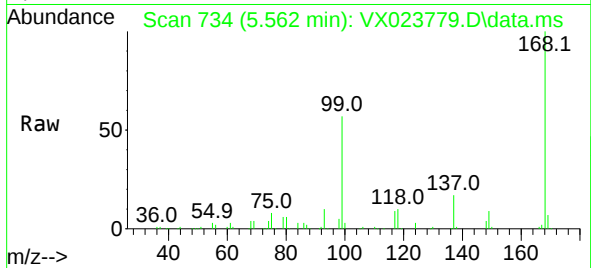




#31
Cyclohexane
Concen: 1.299 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

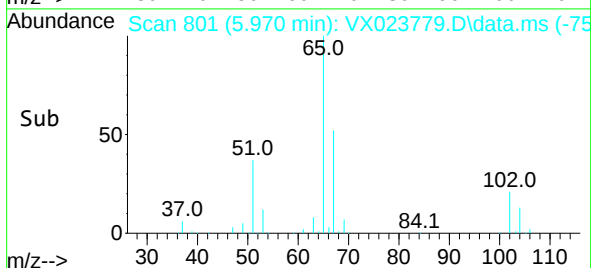
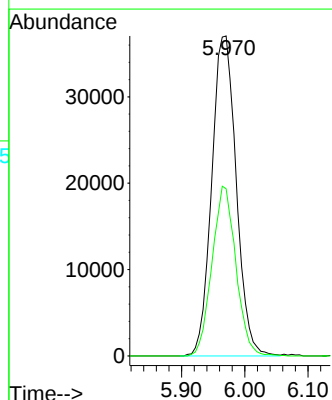
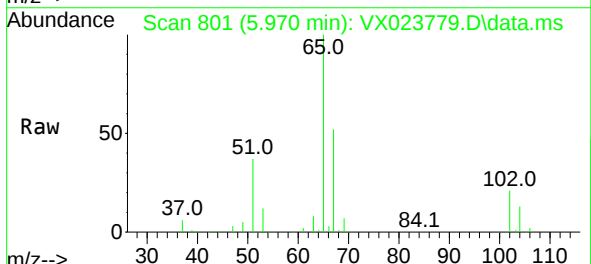
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

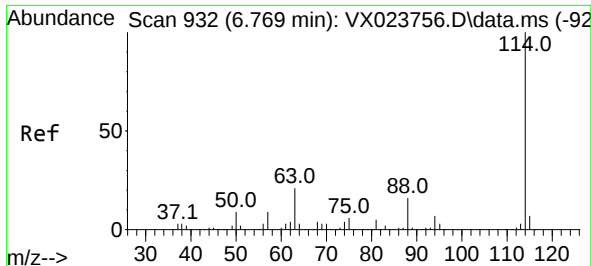
Tgt Ion: 56 Resp: 3311
Ion Ratio Lower Upper
56 100
69 170.6 25.3 37.9#
84 143.4 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.254 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 65 Resp: 99705
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

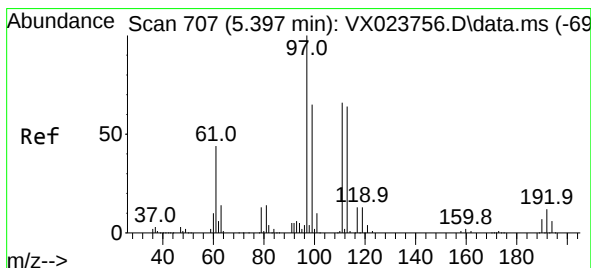
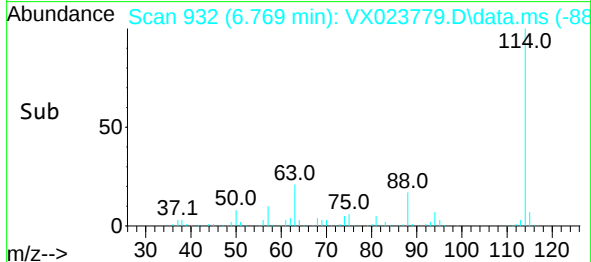
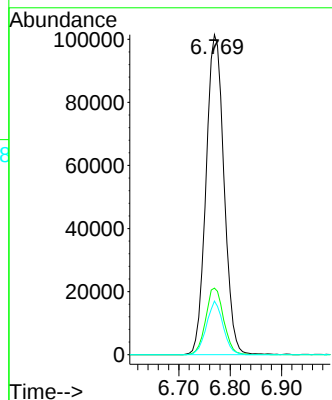
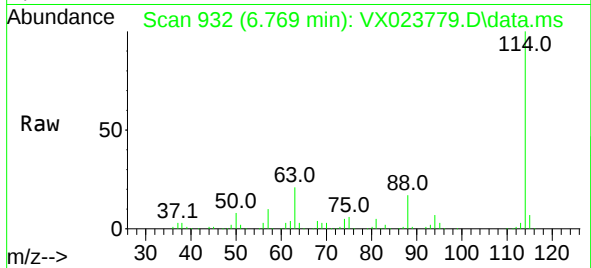




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

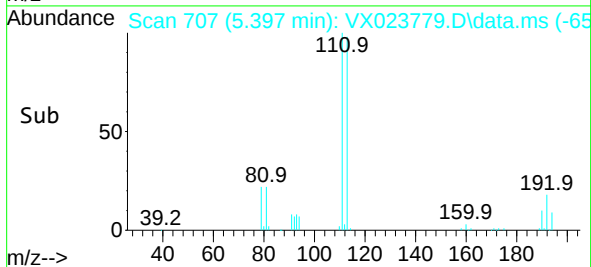
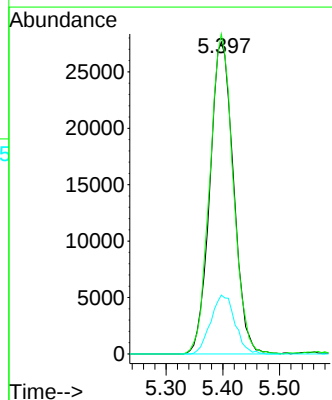
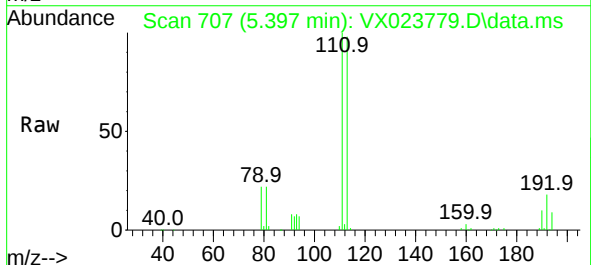
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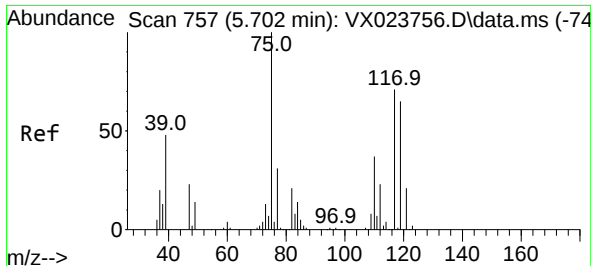
Tgt Ion:114 Resp: 245852
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.228 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion:113 Resp: 80106
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 19.3 16.7 25.1

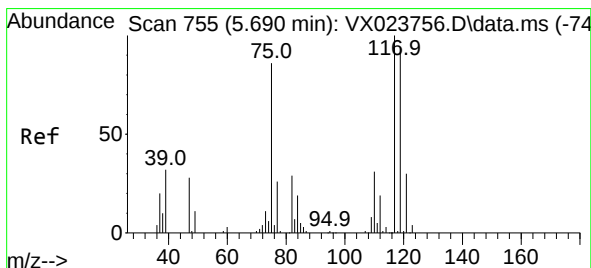
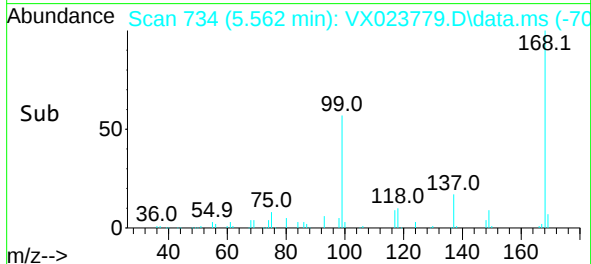
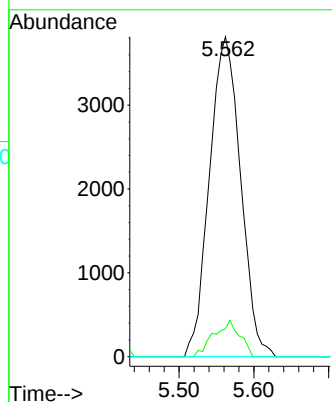
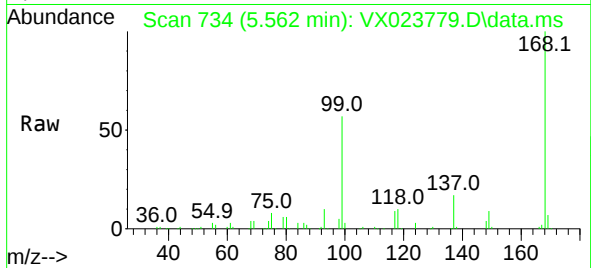




#36
1,1-Dichloropropene
Concen: 4.851 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

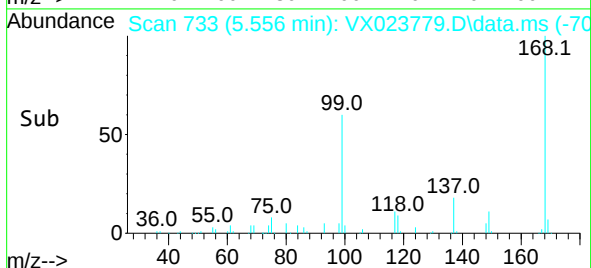
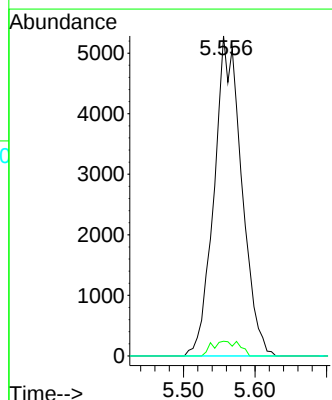
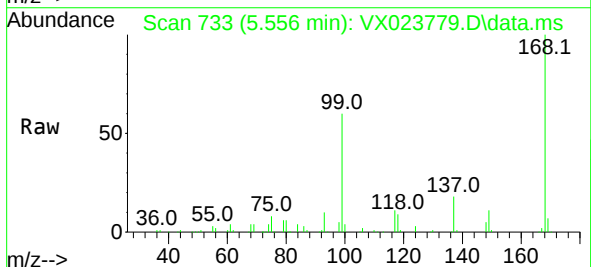
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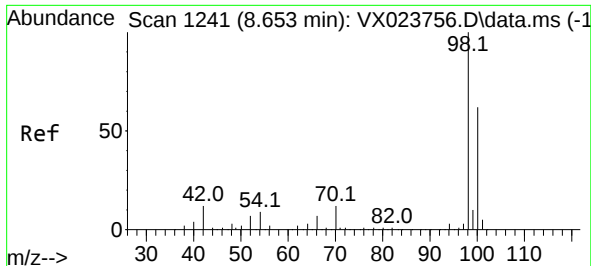
Tgt Ion: 75 Resp: 11045
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.950 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 117 Resp: 14127
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

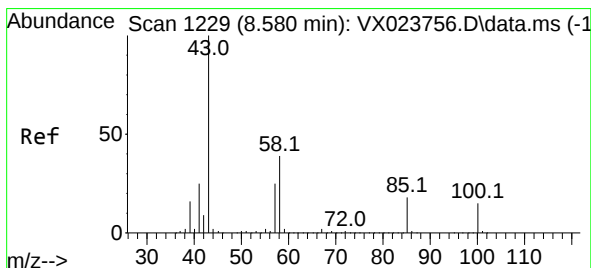
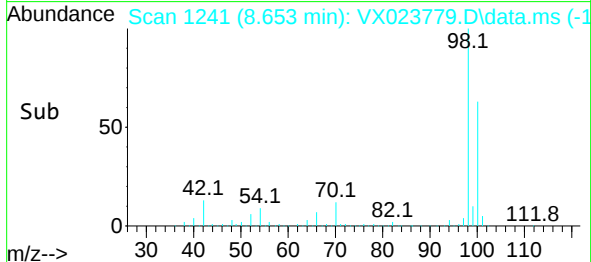
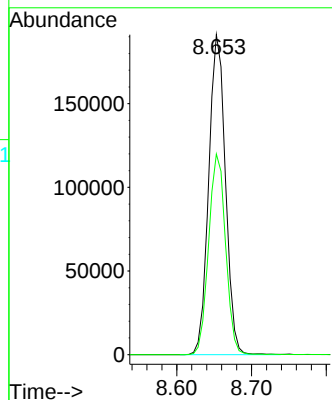
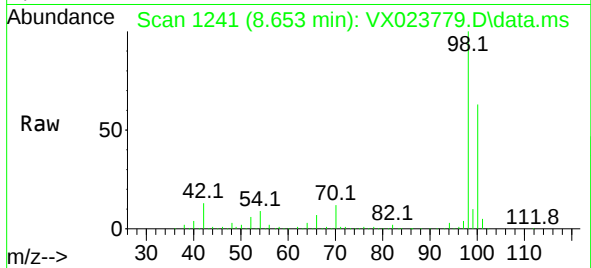




#50
Toluene-d8
Concen: 47.946 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

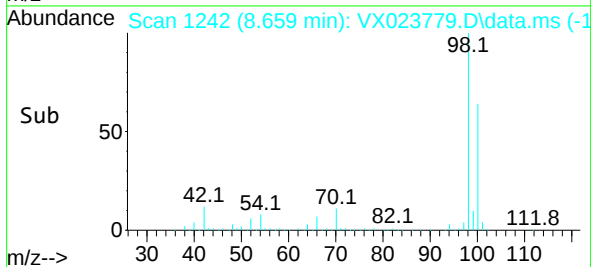
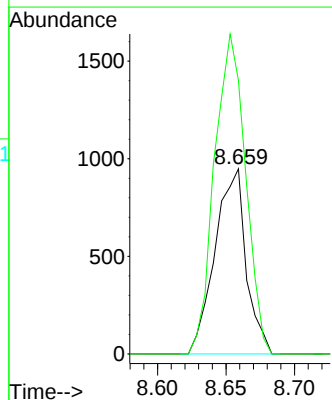
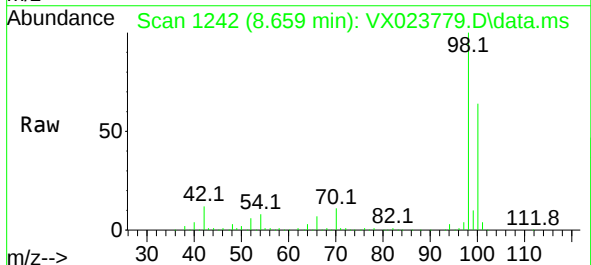
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

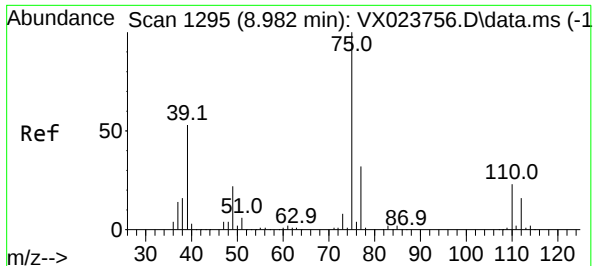
Tgt Ion: 98 Resp: 296945
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.529 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
58 172.5 35.4 53.0#

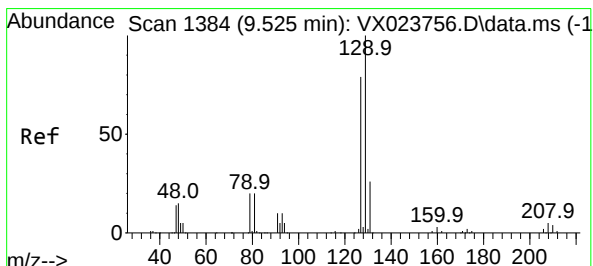
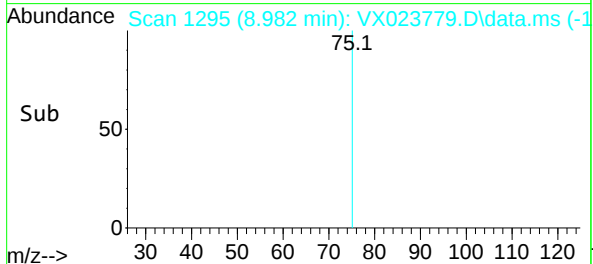
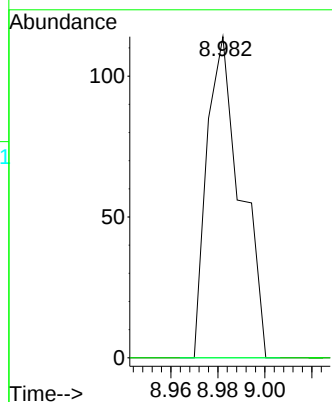
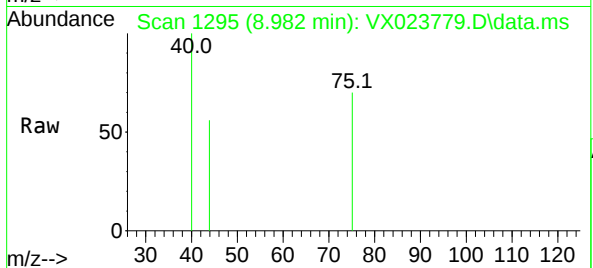




#53
t-1,3-Dichloropropene
Concen: 2.174 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

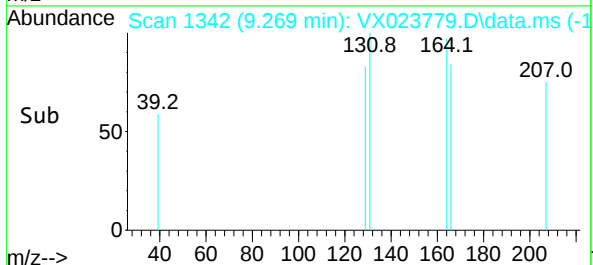
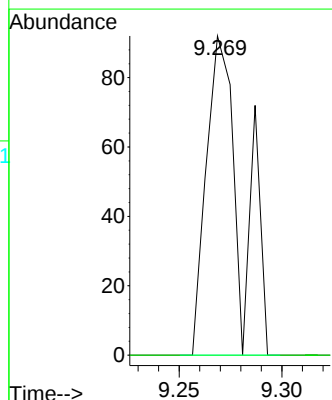
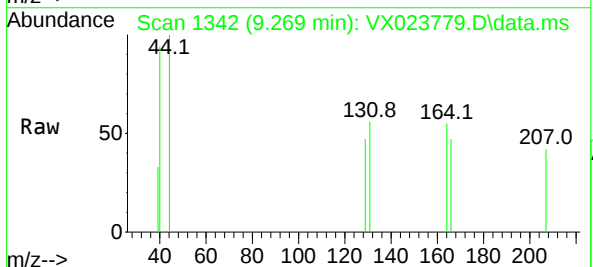
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

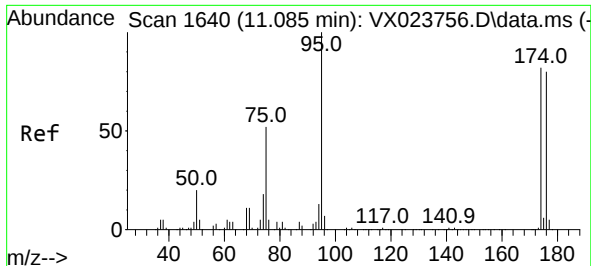
Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 1.740 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 129 Resp: 107
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

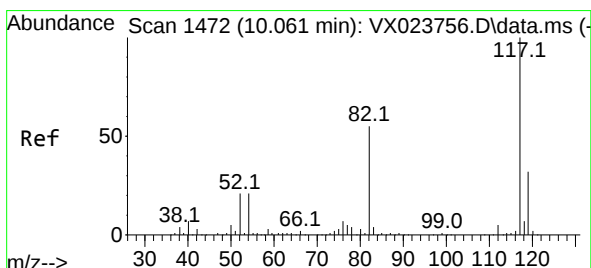
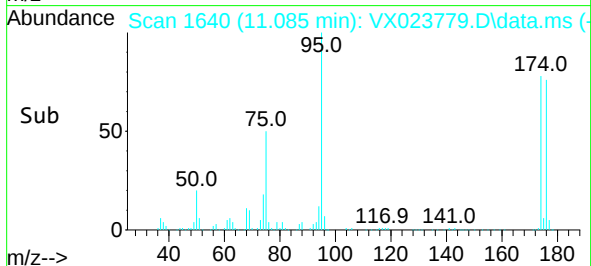
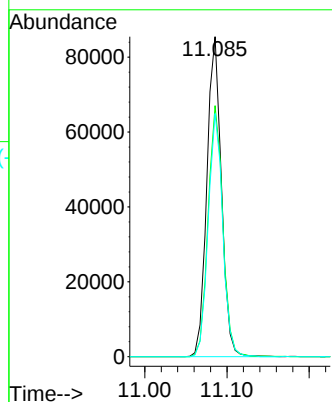
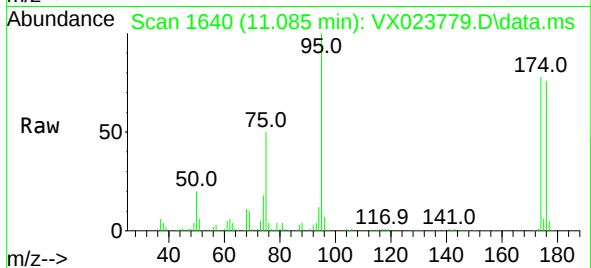




#62
4-Bromofluorobenzene
Concen: 45.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

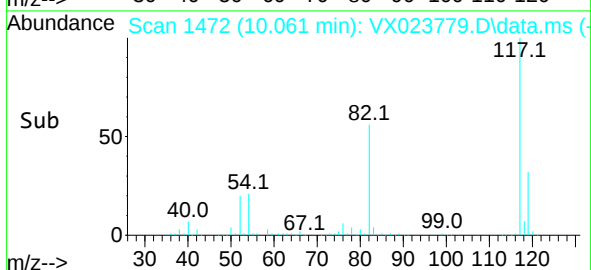
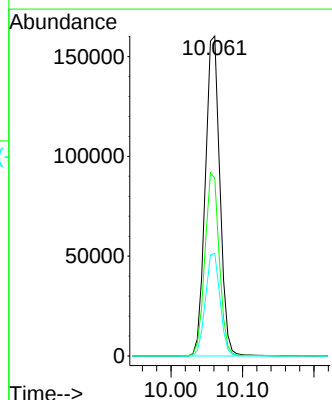
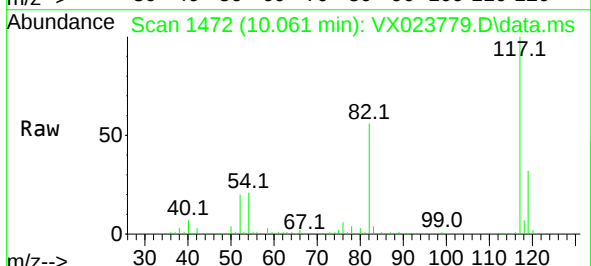
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02

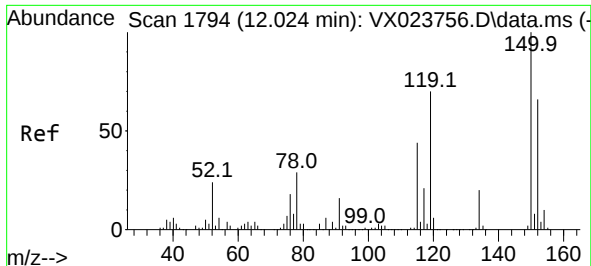
Tgt Ion: 95 Resp: 104820
Ion Ratio Lower Upper
95 100
174 79.5 0.0 154.6
176 75.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

Tgt Ion: 117 Resp: 226783
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 32.1 26.6 39.8

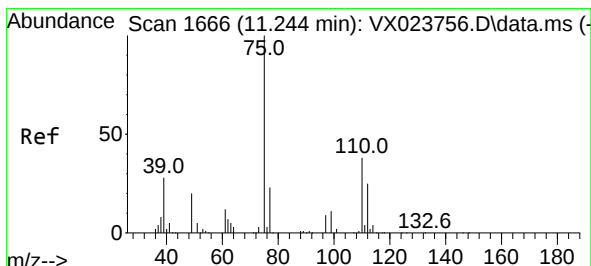
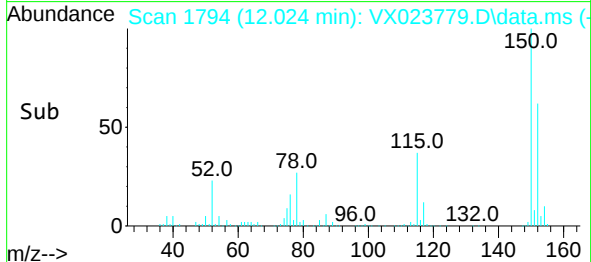
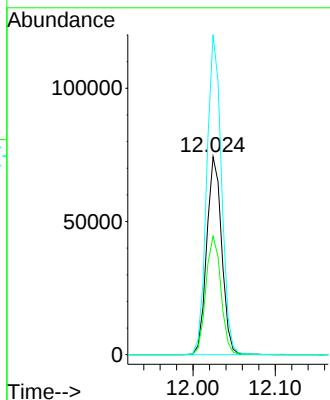
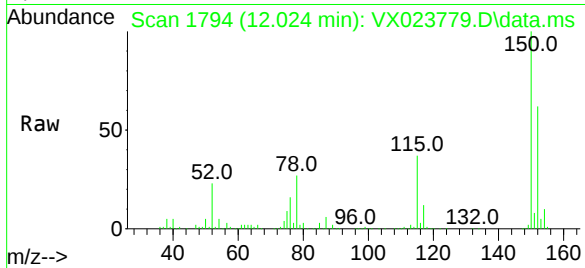




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023779.D
 Acq: 17 Aug 2021 22:22

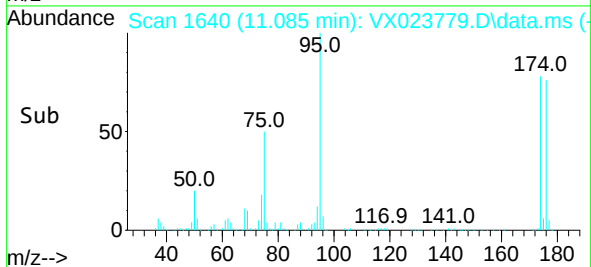
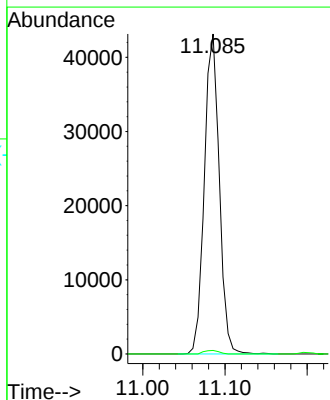
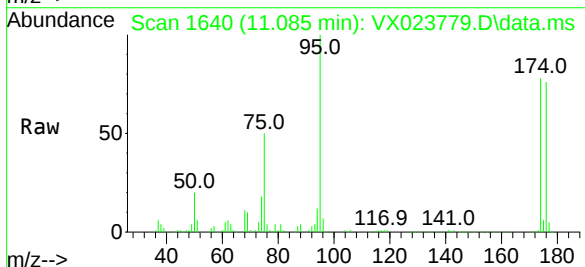
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0817WBL02

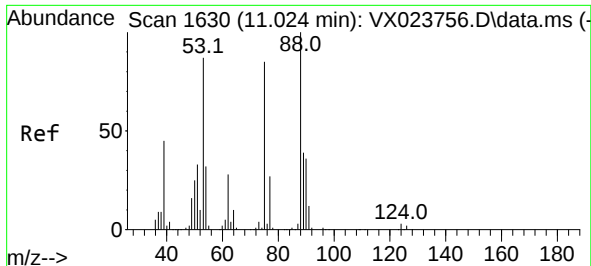
Tgt Ion:152 Resp: 93893
 Ion Ratio Lower Upper
 152 100
 115 59.9 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.844 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023779.D
 Acq: 17 Aug 2021 22:22

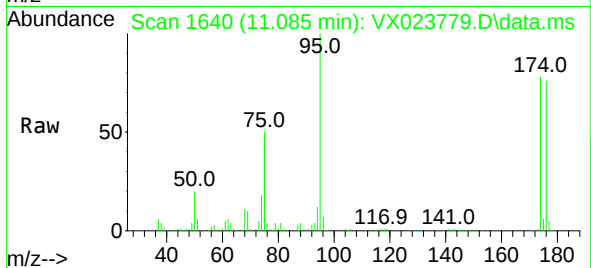
Tgt Ion: 75 Resp: 54416
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#



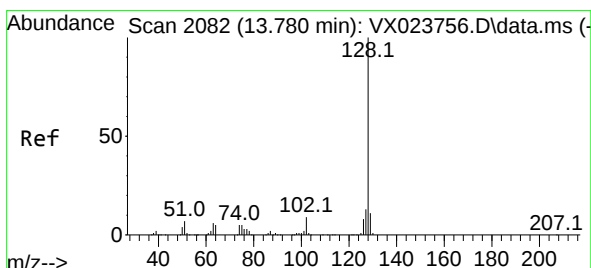
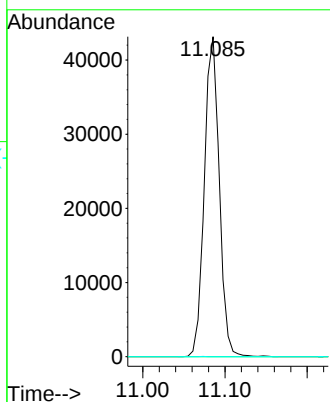
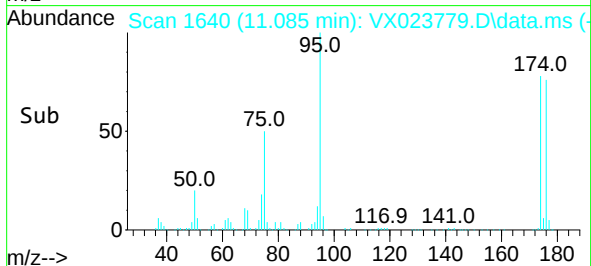


#81
trans-1,4-Dichloro-2-butene
Concen: 73.081 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22

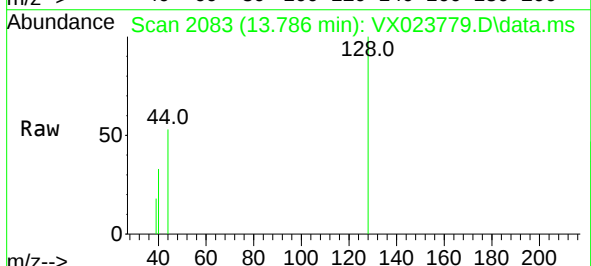
Instrument :
MSVOA_X
ClientSampleId :
VX0817WBL02



Tgt Ion: 75 Resp: 54416
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.343 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX023779.D
Acq: 17 Aug 2021 22:22



Tgt Ion: 128 Resp: 427
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

