

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023595.D
 Acq On : 06 Aug 2021 14:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:44:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

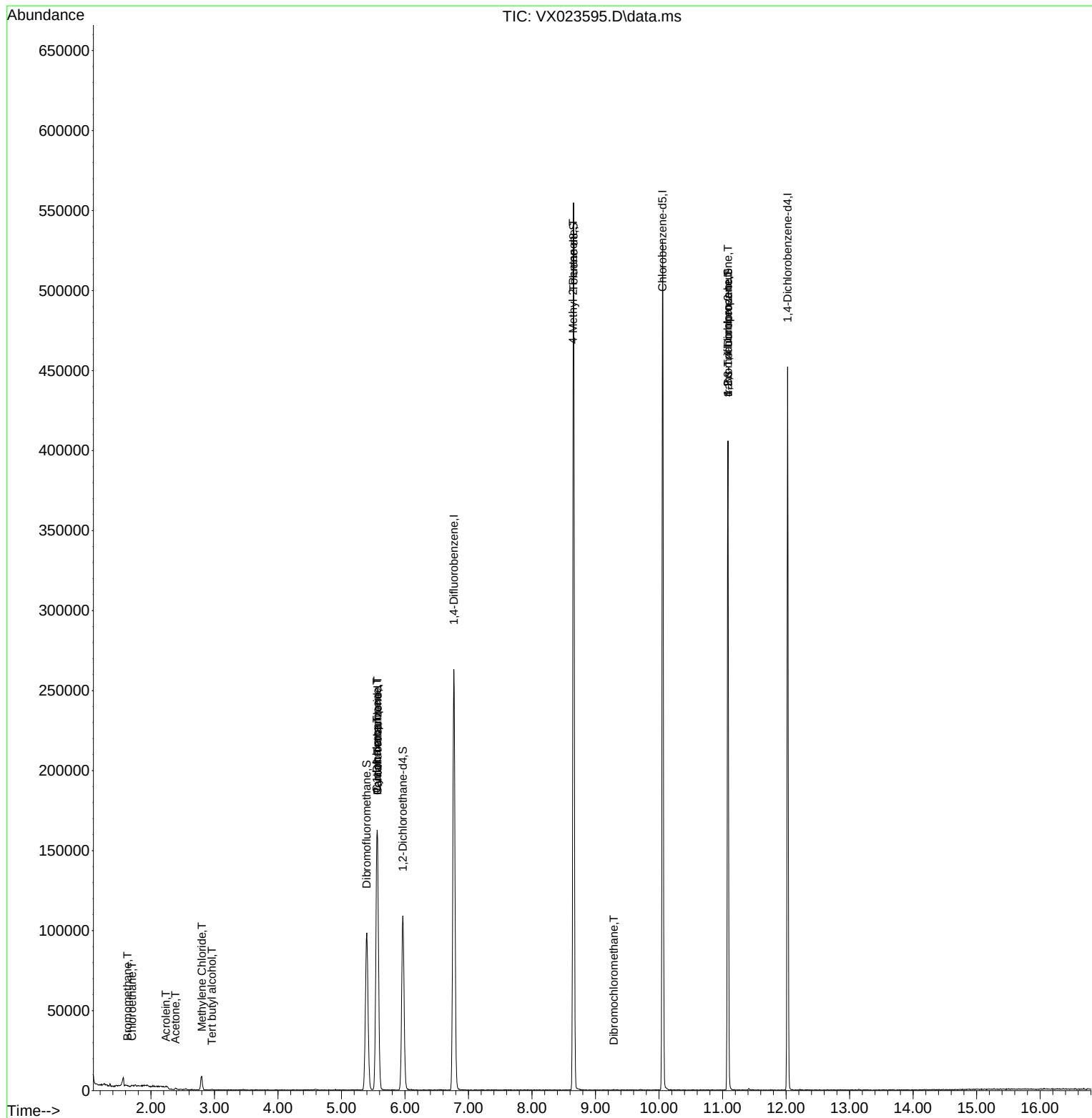
Internal Standards						
1) Pentafluorobenzene	5.568	168	159048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	266086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104489	52.666	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 105.340%		
35) Dibromofluoromethane	5.397	113	84685	50.902	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.800%		
50) Toluene-d8	8.653	98	318849	52.164	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.320%		
62) 4-Bromofluorobenzene	11.085	95	101218	48.698	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 97.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	419	0.409	ug/l	97
6) Chloroethane	1.703	64	458	0.433	ug/l #	43
11) Tert butyl alcohol	2.959	59	108	0.238	ug/l #	73
13) Acrolein	2.233	56	27	1.480	ug/l #	1
16) Acetone	2.386	43	952	0.978	ug/l #	76
20) Methylene Chloride	2.800	84	3980	2.102	ug/l #	87
31) Cyclohexane	5.556	56	3433	1.168	ug/l #	17
36) 1,1-Dichloropropene	5.556	75	11884	4.937	ug/l #	49
38) Carbon Tetrachloride	5.568	117	15917	6.502	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1537	0.534	ug/l #	1
60) Dibromochloromethane	9.287	129	22	1.994	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	53000	27.211	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53000	73.167	ug/l #	12

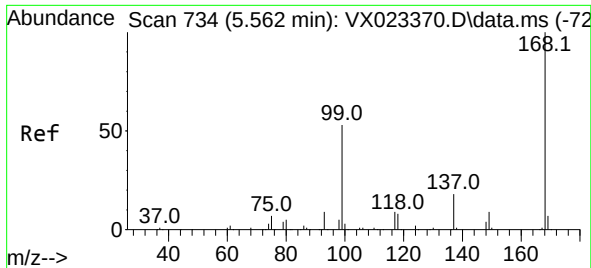
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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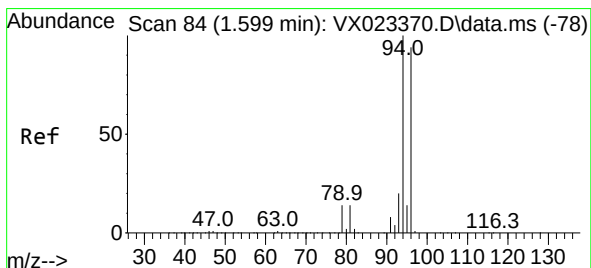
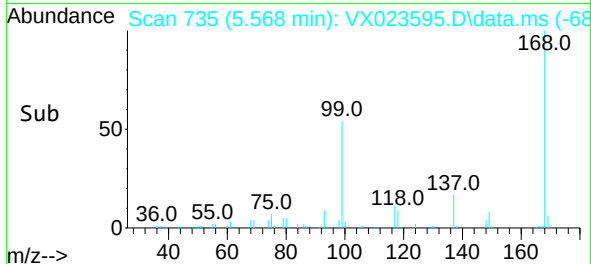
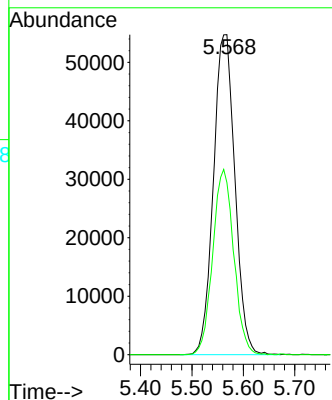
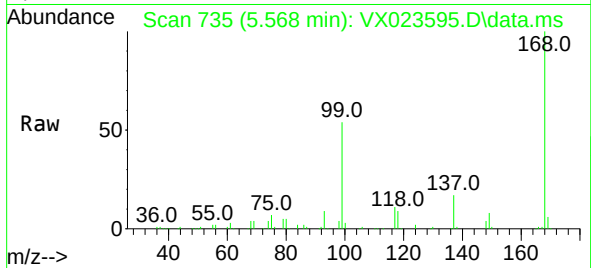




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

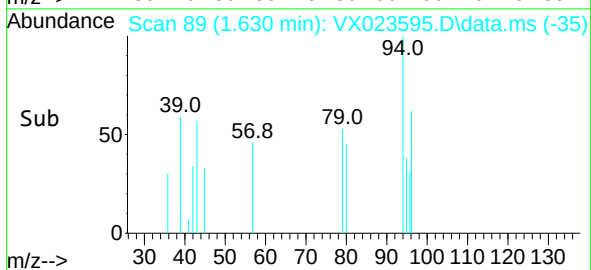
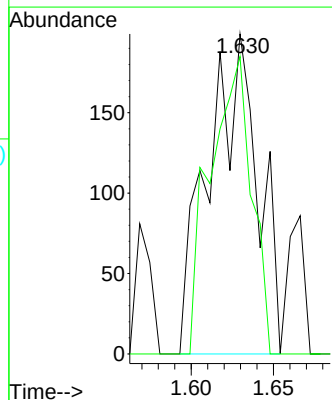
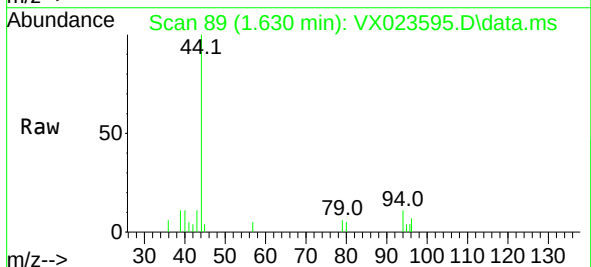
Instrument :
MSVOA_X
ClientSampled :

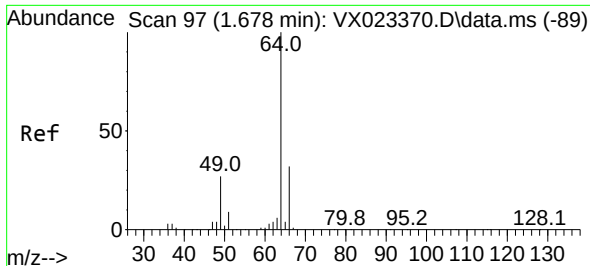
Tgt Ion:168 Resp: 159048
Ion Ratio Lower Upper
168 100
99 53.8 45.8 68.6



#5
Bromomethane
Concen: 0.409 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 94 Resp: 419
Ion Ratio Lower Upper
94 100
96 93.0 76.4 114.6

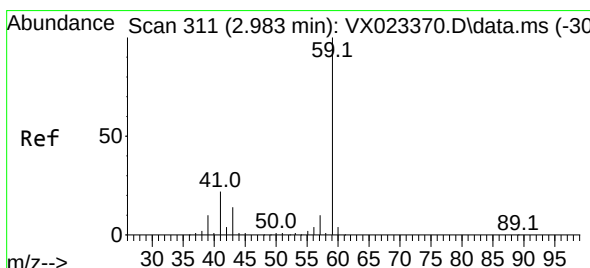
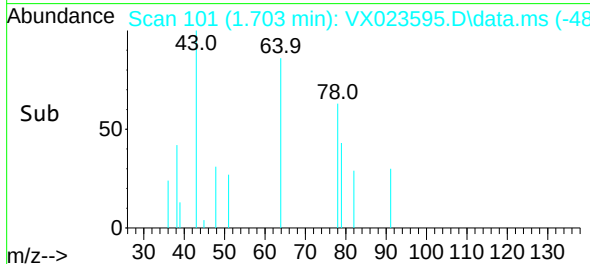
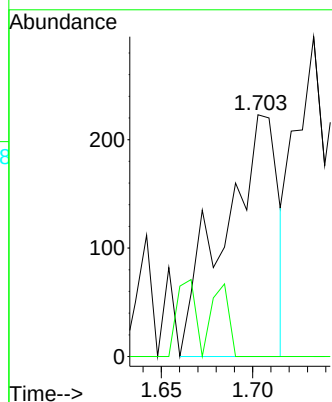
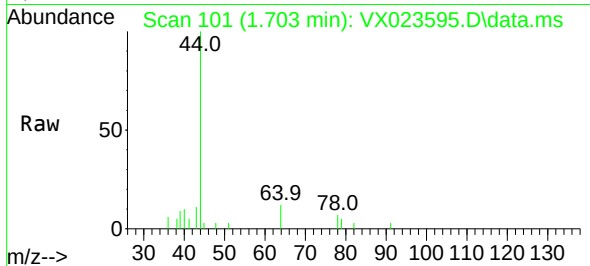




#6
Chloroethane
Concen: 0.433 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.025 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

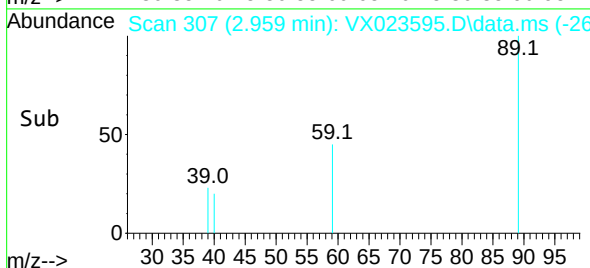
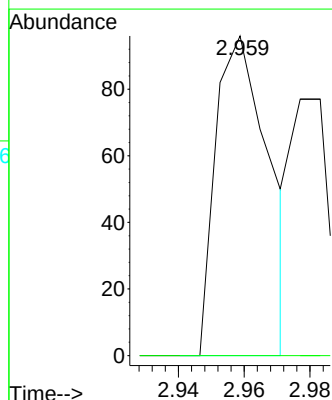
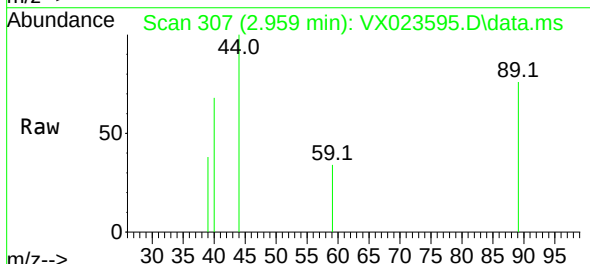
Instrument :
MSVOA_X
ClientSampled :

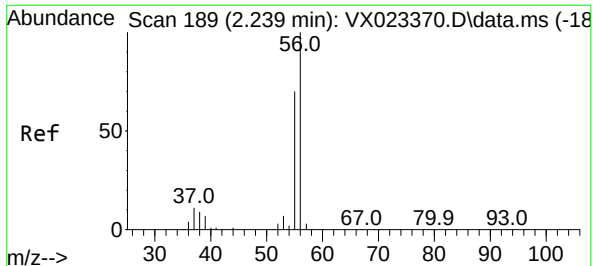
Tgt Ion: 64 Resp: 458
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 0.238 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 59 Resp: 108
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

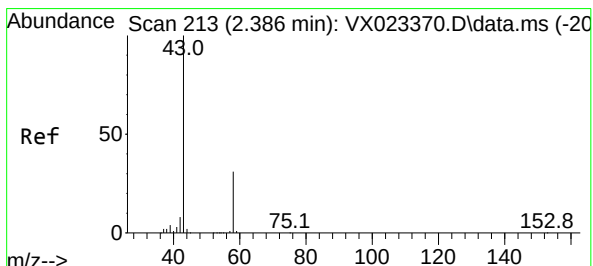
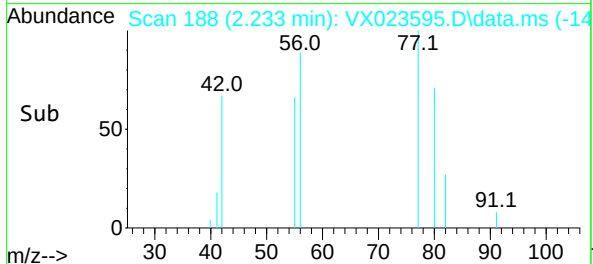
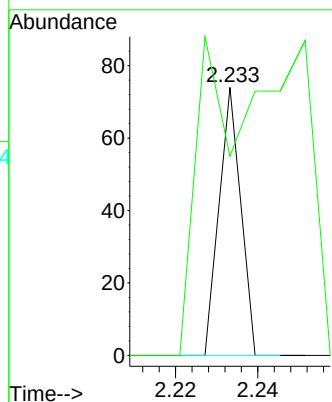
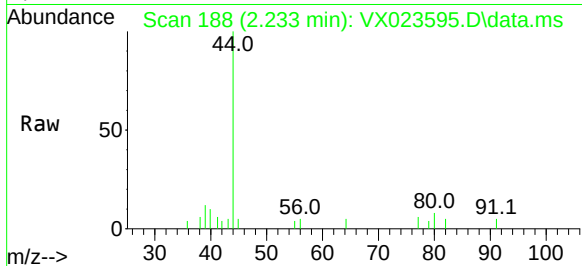




#13
Acrolein
Concen: 1.480 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

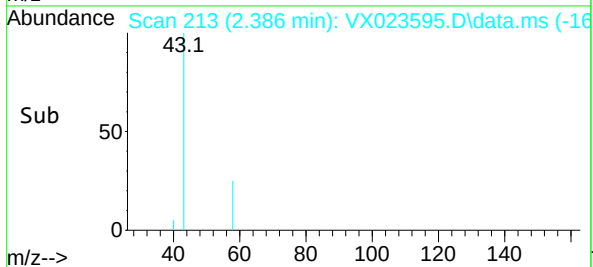
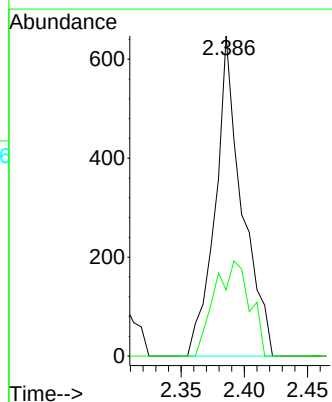
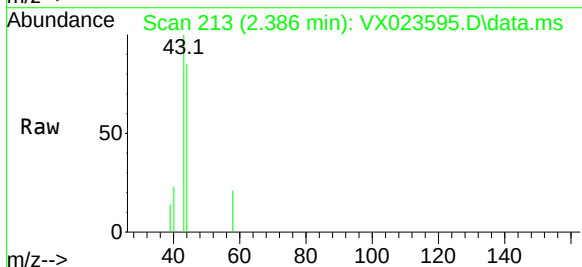
Instrument :
MSVOA_X
ClientSampled :

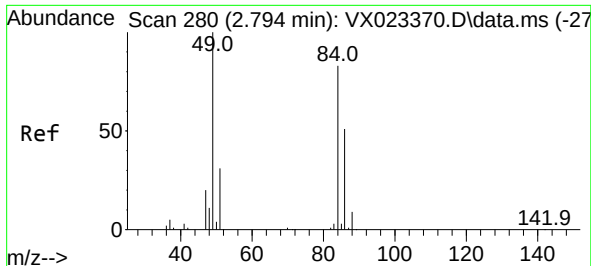
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 511.1 56.4 84.6#



#16
Acetone
Concen: 0.978 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

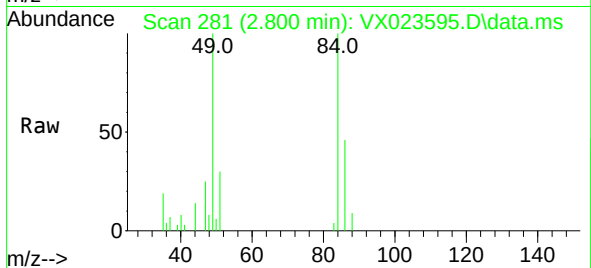
Tgt Ion: 43 Resp: 952
Ion Ratio Lower Upper
43 100
58 20.7 27.8 41.8#



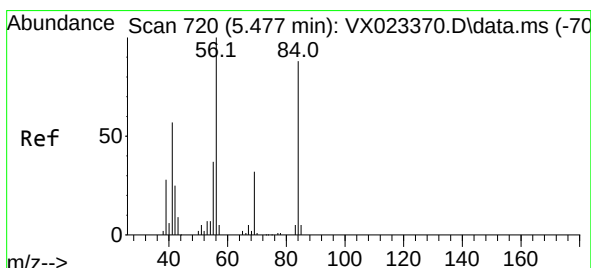
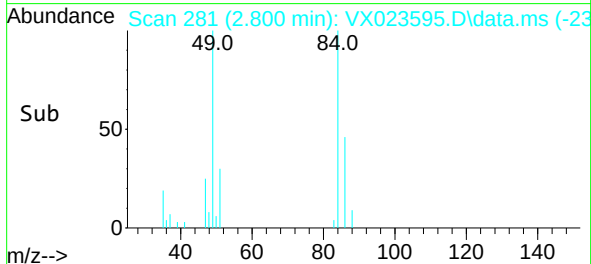
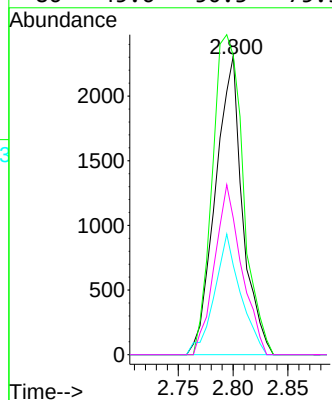


#20
Methylene Chloride
Concen: 2.102 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Instrument :
MSVOA_X
ClientSampled :

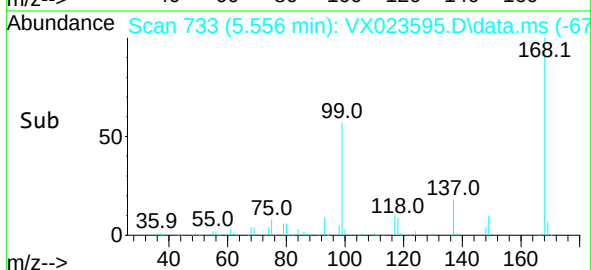
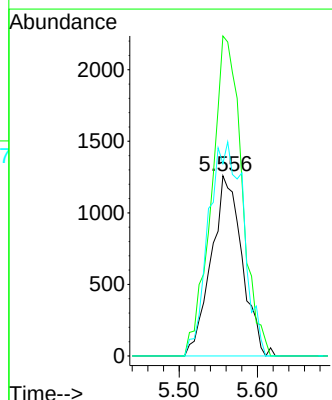
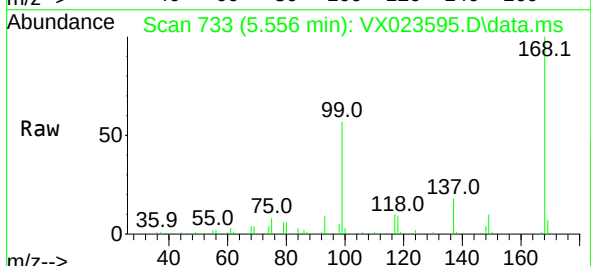


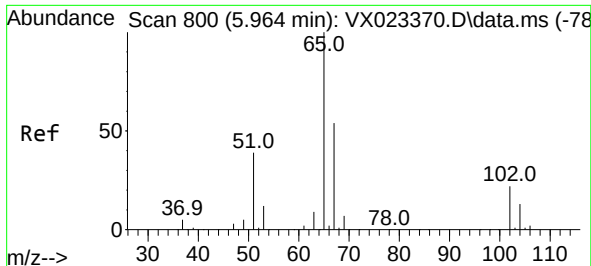
Tgt Ion: 84 Resp: 3980
Ion Ratio Lower Upper
84 100
49 100.0 88.6 132.8
51 29.8 27.0 40.6
86 45.6 50.3 75.5#



#31
Cyclohexane
Concen: 1.168 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 56 Resp: 3433
Ion Ratio Lower Upper
56 100
69 177.6 25.3 37.9#
84 106.8 71.4 107.0



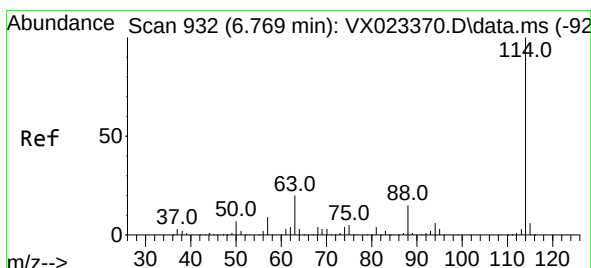
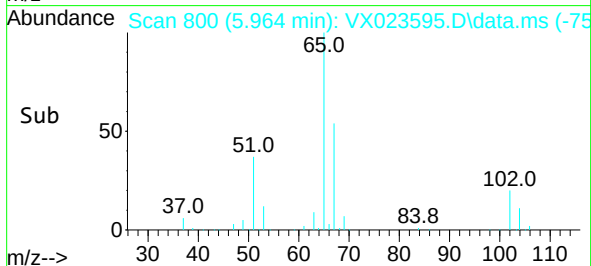
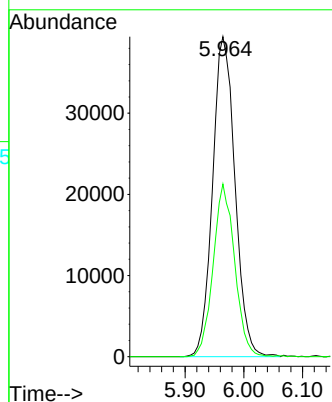
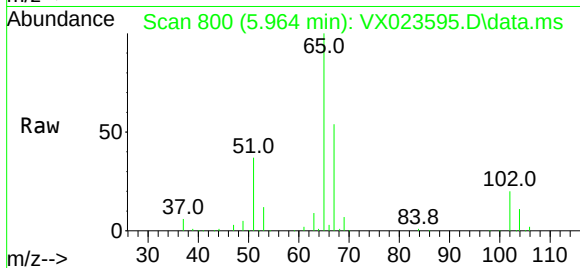


#33

1,2-Dichloroethane-d4
Concen: 52.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Instrument :
MSVOA_X
ClientSampleId :

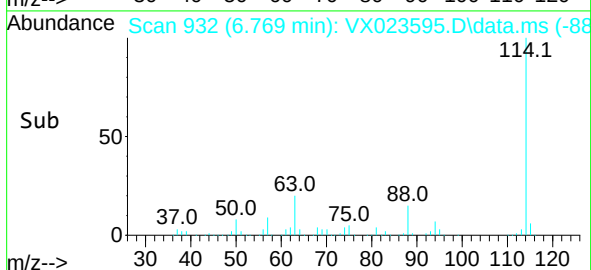
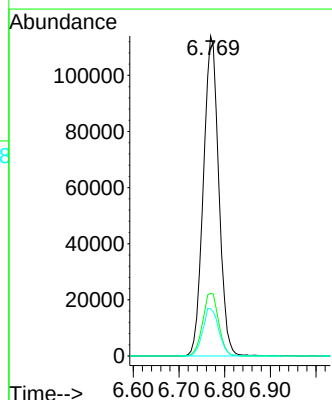
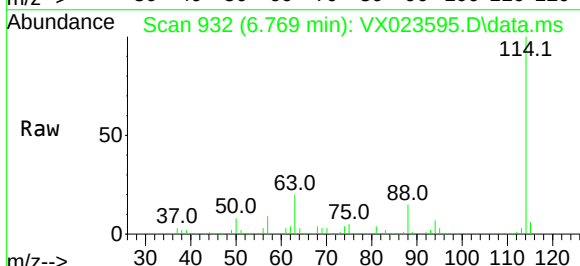
Tgt Ion: 65 Resp: 104489
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

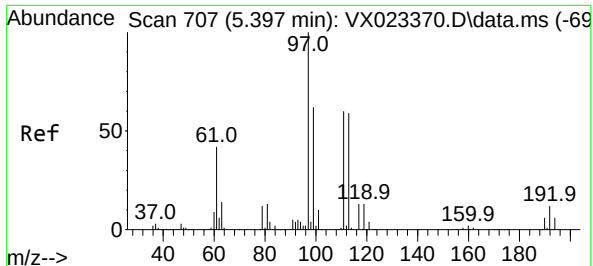


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 114 Resp: 266086
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 14.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.902 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023595.D

Acq: 06 Aug 2021 14:45

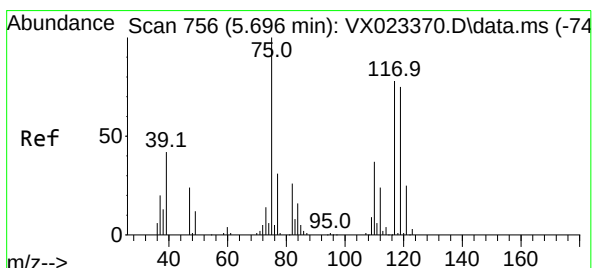
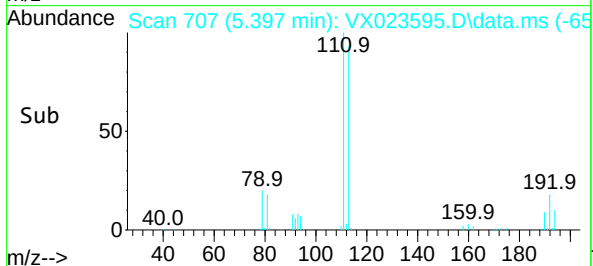
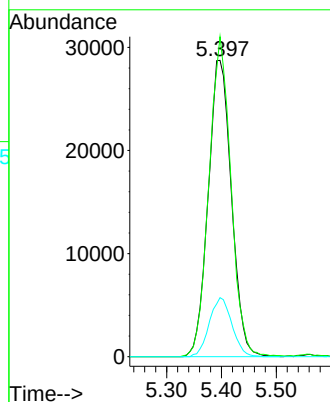
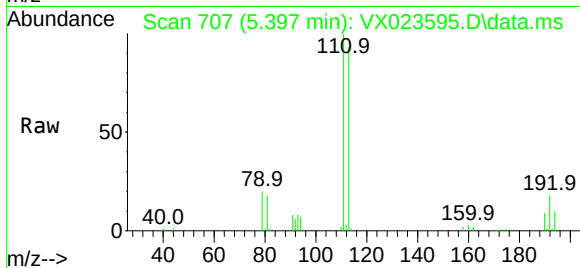
Tgt Ion:113 Resp: 84685

Ion Ratio Lower Upper

113 100

111 102.1 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.937 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023595.D

Acq: 06 Aug 2021 14:45

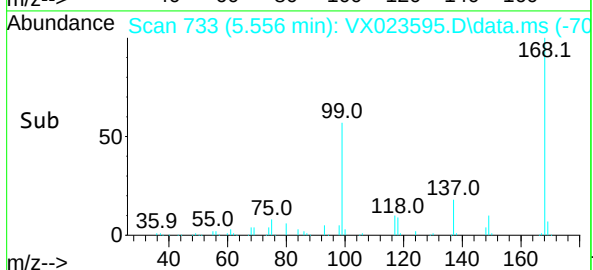
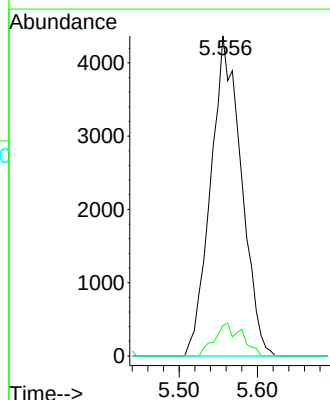
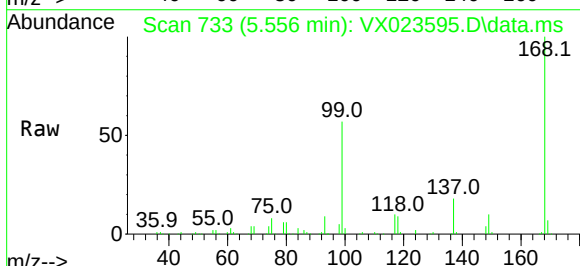
Tgt Ion: 75 Resp: 11884

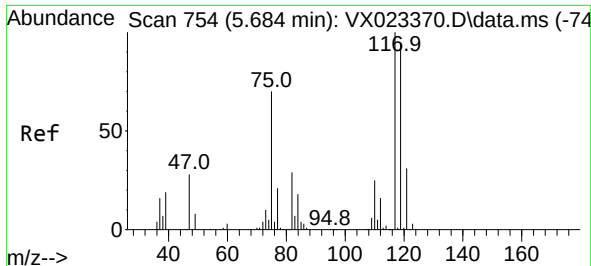
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

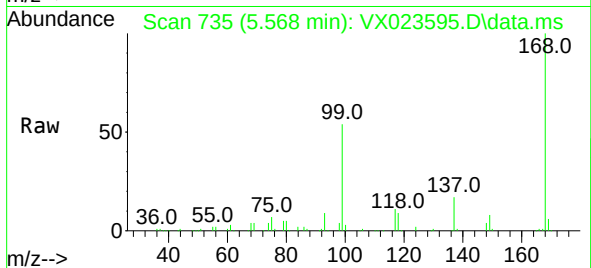
77 0.0 25.3 37.9#



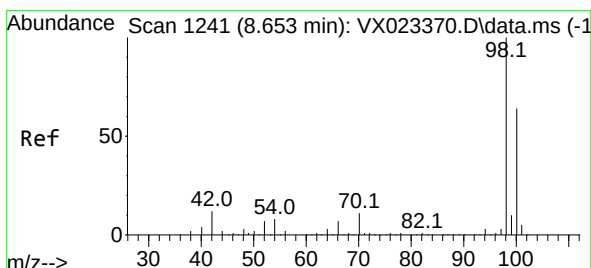
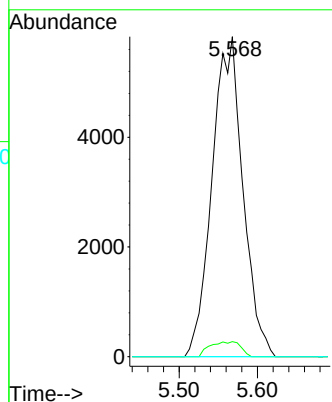
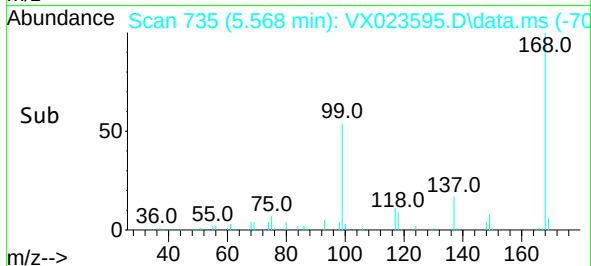


#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

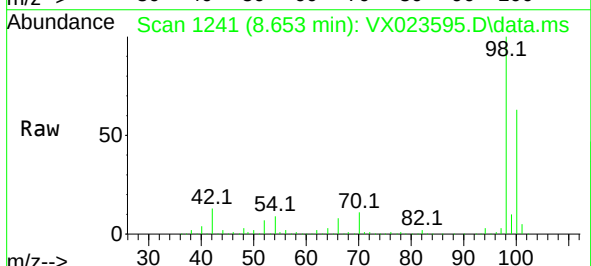
Instrument :
MSVOA_X
ClientSampleId :



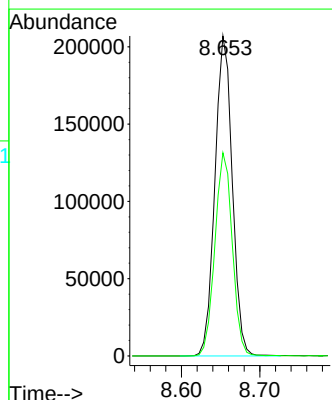
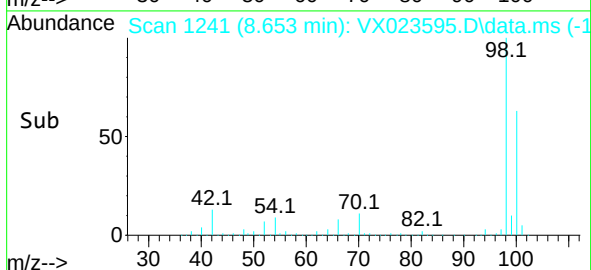
Tgt Ion:117 Resp: 15917
Ion Ratio Lower Upper
117 100
119 4.7 76.2 114.2#
121 0.0 24.8 37.2#

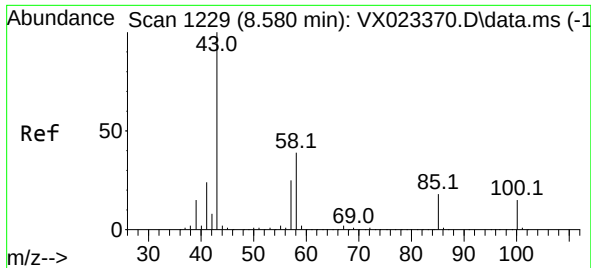


#50
Toluene-d8
Concen: 52.164 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45



Tgt Ion: 98 Resp: 318849
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9

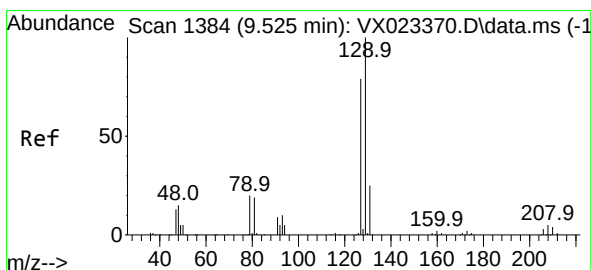
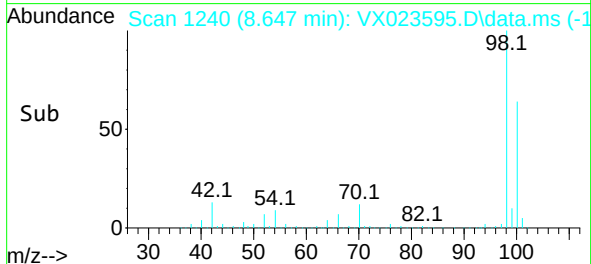
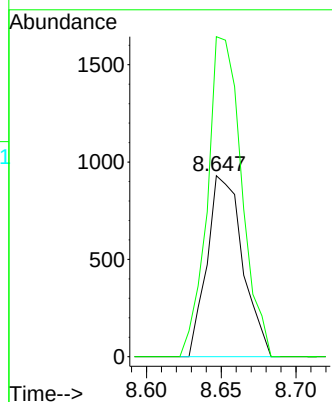
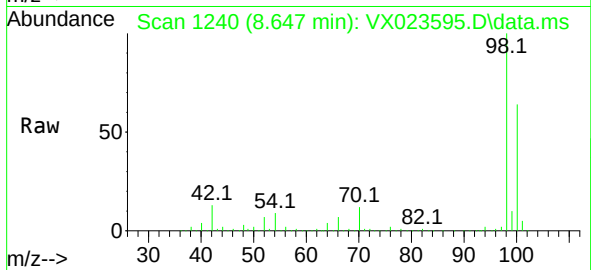




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

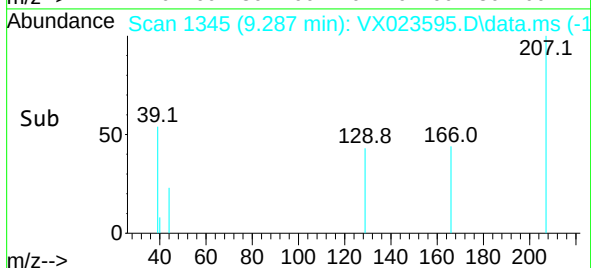
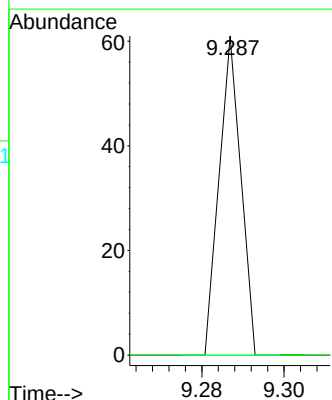
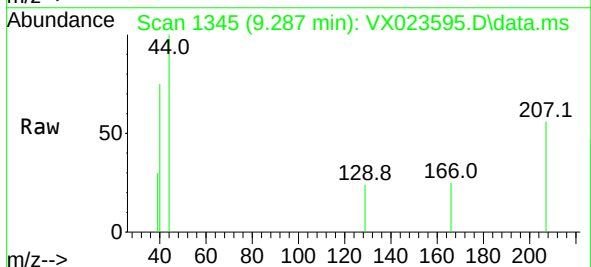
Instrument :
MSVOA_X
ClientSampled :

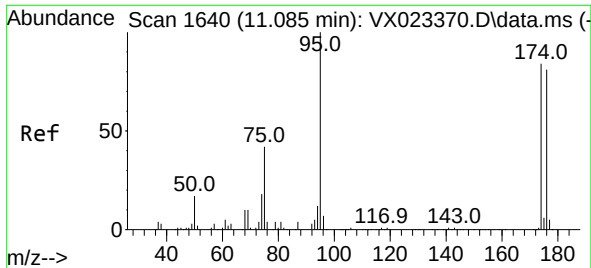
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 171.1 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.994 ug/l
RT: 9.287 min Scan# 1345
Delta R.T. -0.238 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 129 Resp: 22
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

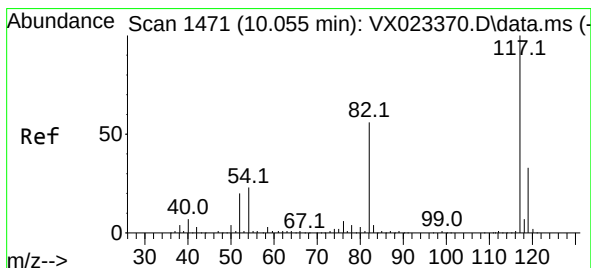
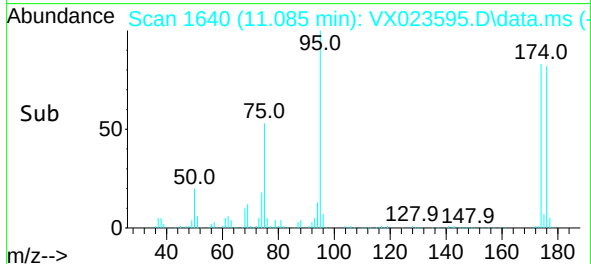
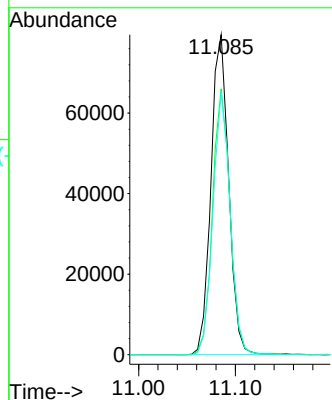
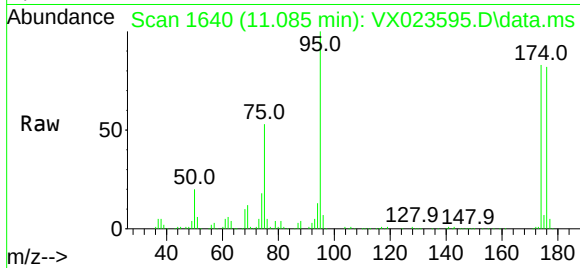




#62
4-Bromofluorobenzene
Concen: 48.698 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

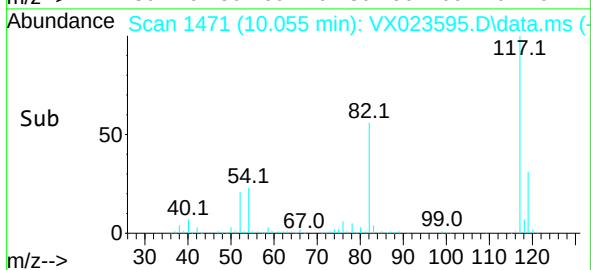
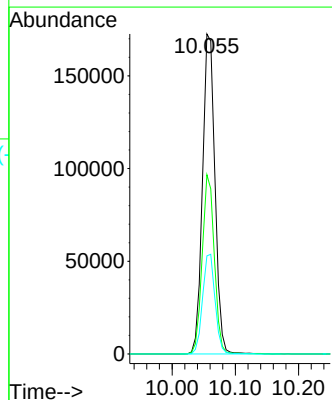
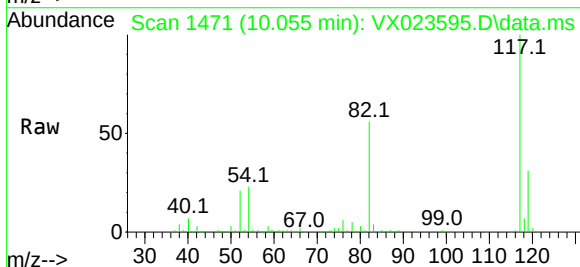
Instrument :
MSVOA_X
ClientSampleId :

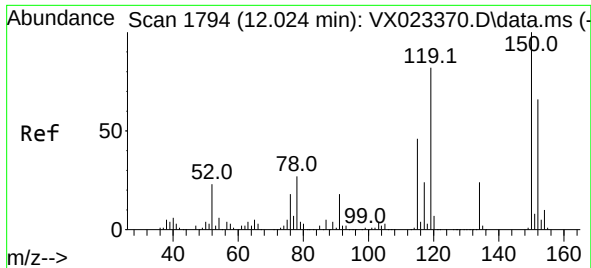
Tgt Ion: 95 Resp: 101218
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 79.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023595.D
Acq: 06 Aug 2021 14:45

Tgt Ion: 117 Resp: 237215
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 30.7 26.6 39.8

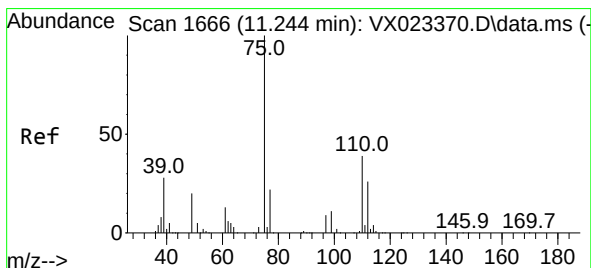
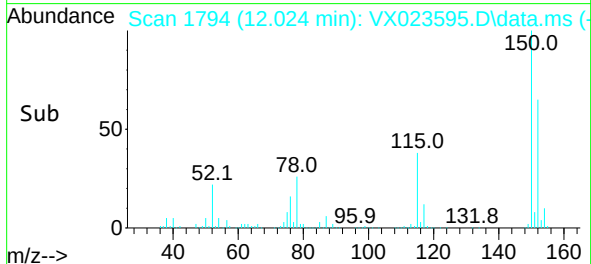
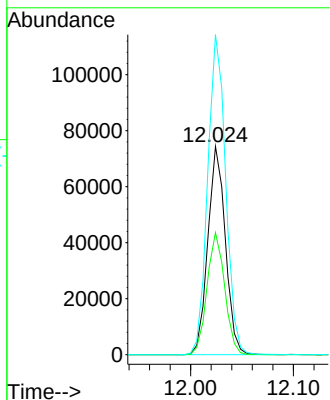
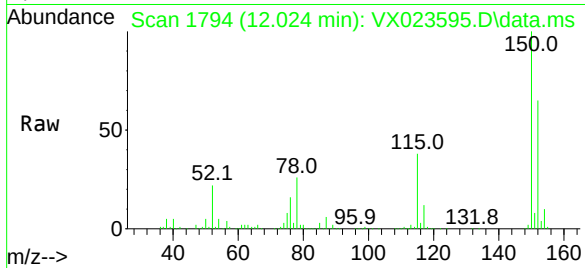




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023595.D
 Acq: 06 Aug 2021 14:45

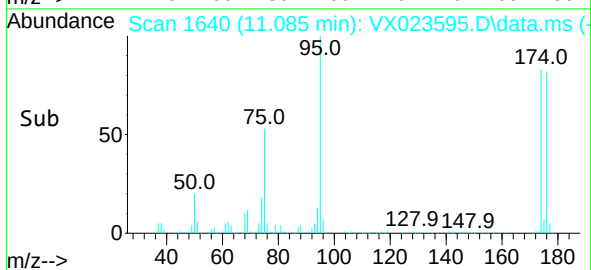
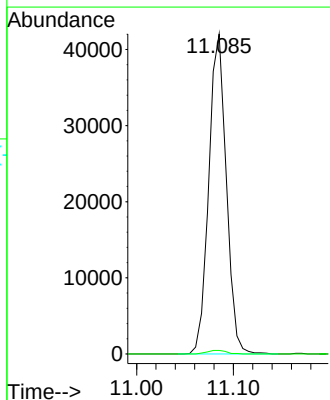
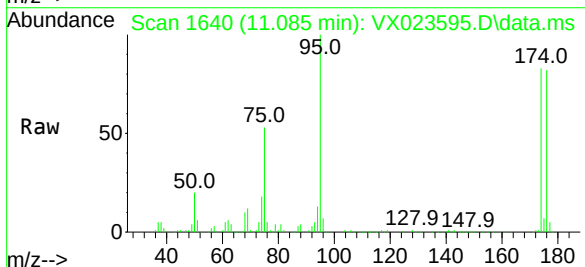
Instrument :
 MSVOA_X
 ClientSampled :

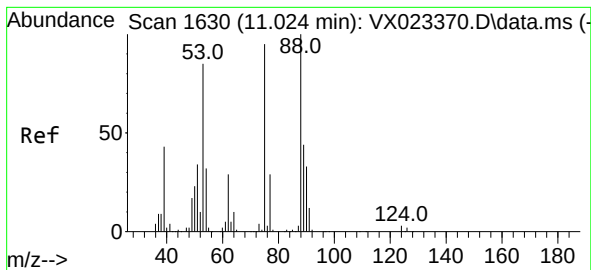
Tgt Ion:152 Resp: 88511
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.211 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023595.D
 Acq: 06 Aug 2021 14:45

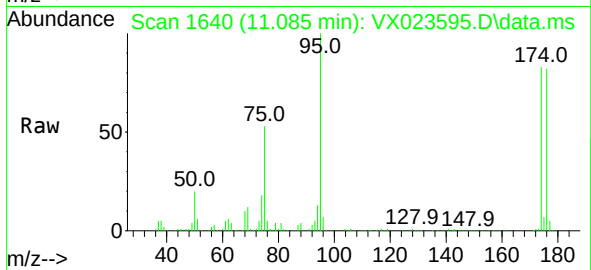
Tgt Ion: 75 Resp: 53000
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 73.167 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023595.D
 Acq: 06 Aug 2021 14:45

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53000
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

