

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100724\
 Data File : VX043305.D
 Acq On : 07 Oct 2024 11:30
 Operator : JC/MD
 Sample : P4300-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

Quant Time: Oct 08 01:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

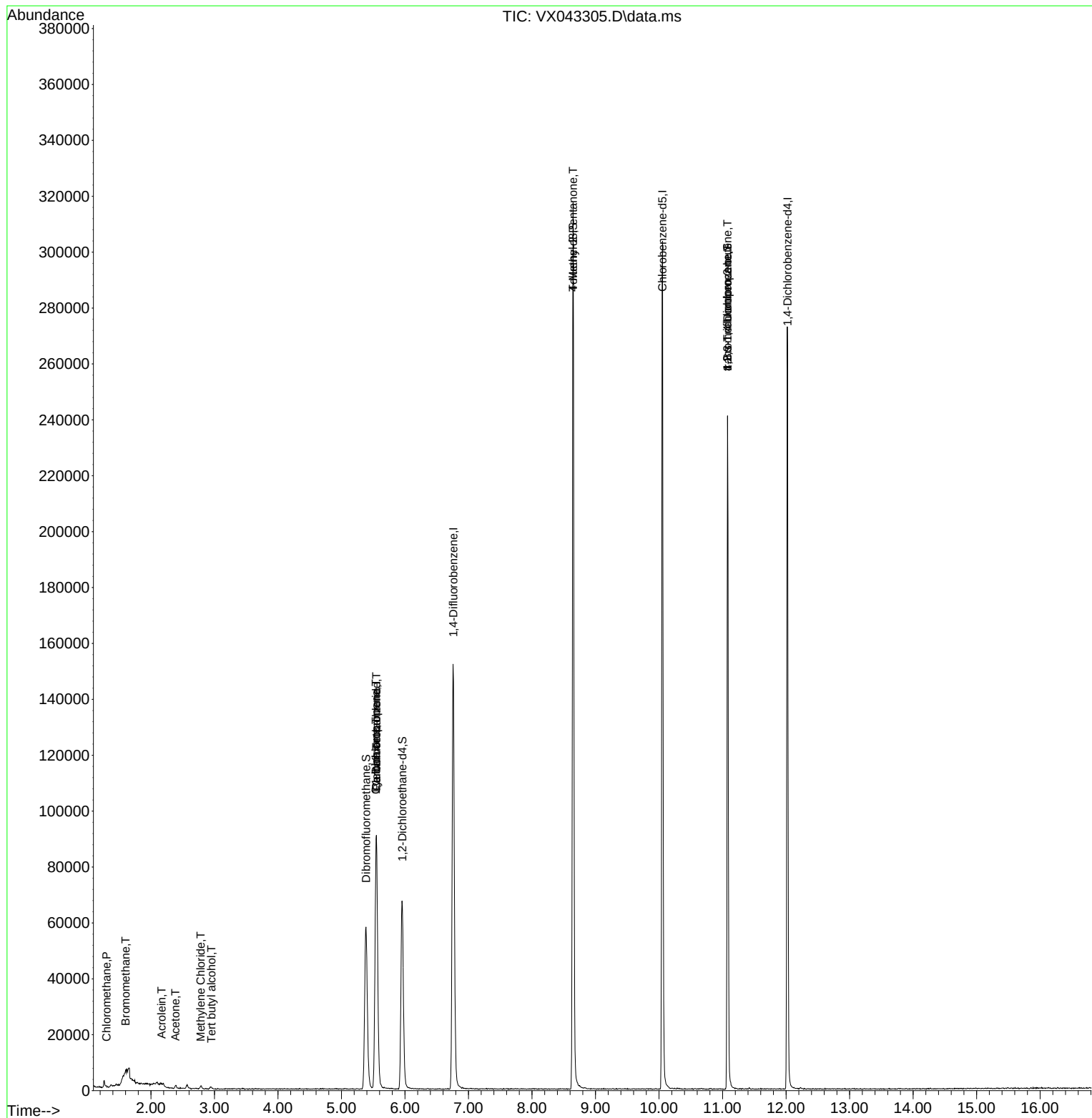
Internal Standards						
1) Pentafluorobenzene	5.550	168	83123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	156702	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	135317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69891	51.484	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.960%			
35) Dibromofluoromethane	5.385	113	52229	48.330	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.660%			
50) Toluene-d8	8.647	98	188001	50.200	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.079	95	65356	48.036	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.080%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	466	0.468	ug/l #	69
5) Bromomethane	1.599	94	170	0.417	ug/l #	55
11) Tert butyl alcohol	2.953	59	223	0.863	ug/l #	71
13) Acrolein	2.166	56	55	0.225	ug/l #	1
16) Acetone	2.386	43	1255	2.214	ug/l	95
20) Methylene Chloride	2.782	84	563	0.539	ug/l #	68
31) Cyclohexane	5.544	56	2058	1.405	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	7325	5.365	ug/l #	51
38) Carbon Tetrachloride	5.550	117	9310	5.760	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	995	0.605	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36158	29.381	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	36158	76.146	ug/l #	8

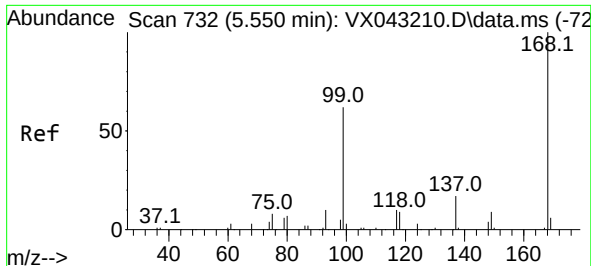
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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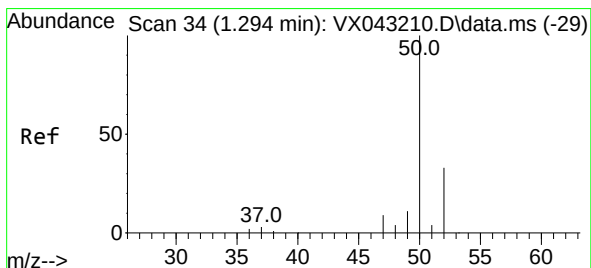
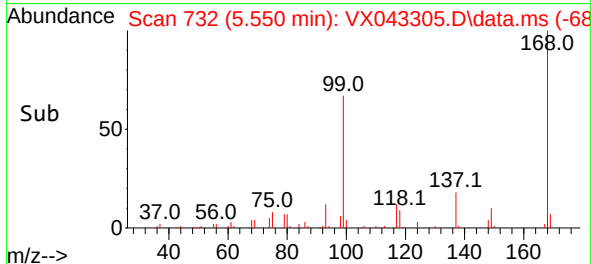
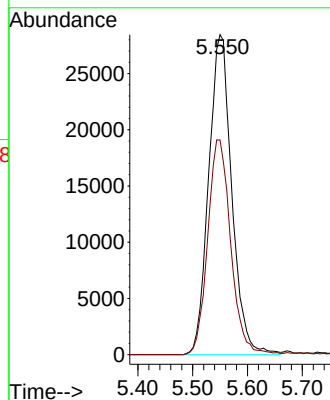
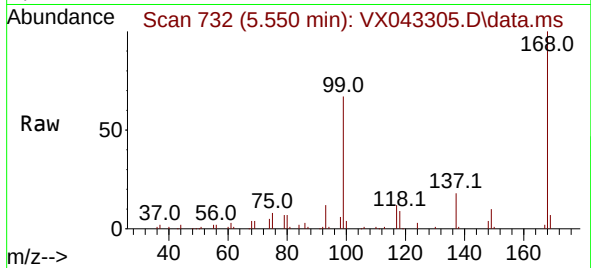




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

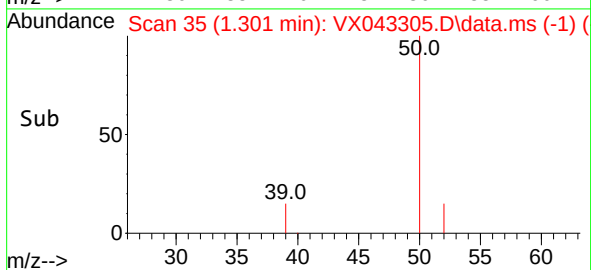
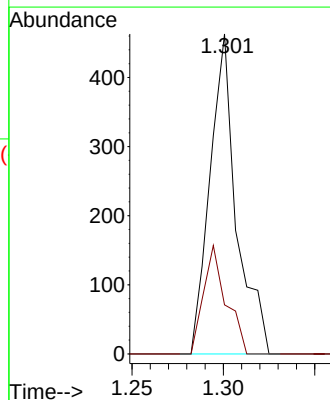
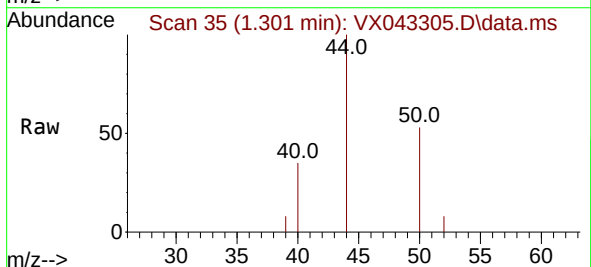
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

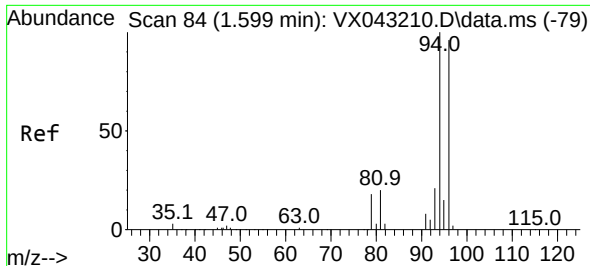
Tgt Ion:168 Resp: 83123
Ion Ratio Lower Upper
168 100
99 67.1 49.7 74.5



#3
Chloromethane
Concen: 0.468 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 50 Resp: 466
Ion Ratio Lower Upper
50 100
52 15.3 26.1 39.1#

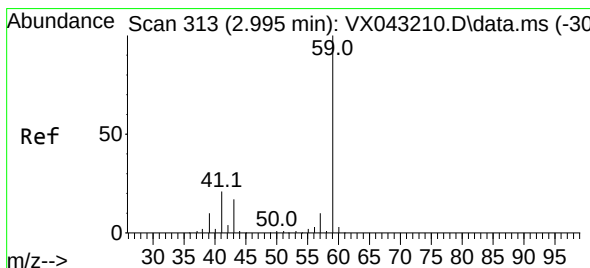
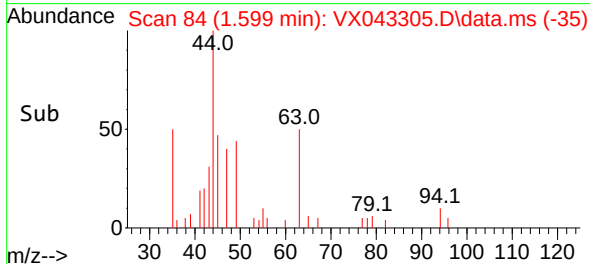
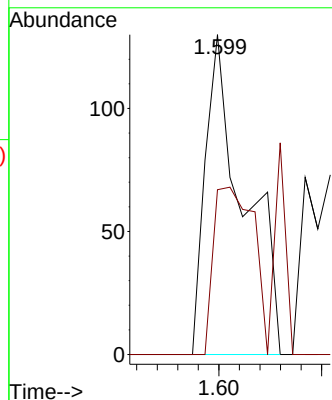
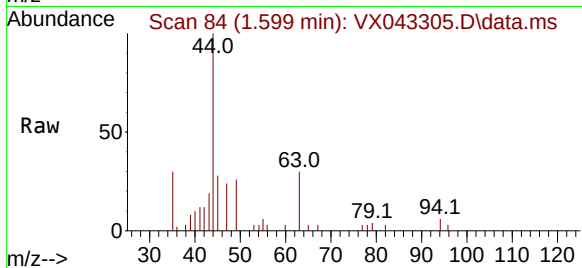




#5
 Bromomethane
 Concen: 0.417 ug/l
 RT: 1.599 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VX043305.D
 Acq: 07 Oct 2024 11:30

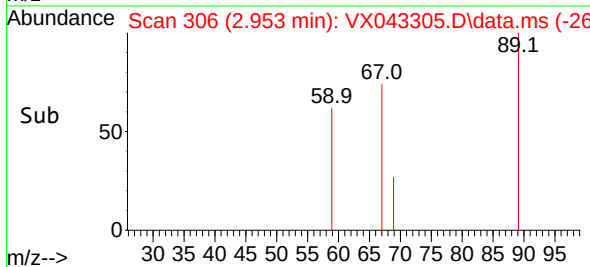
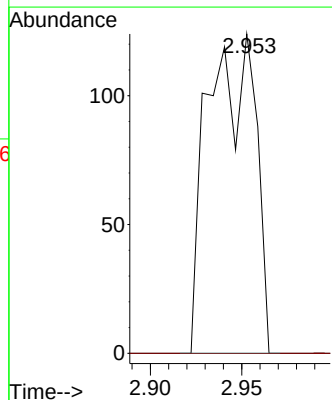
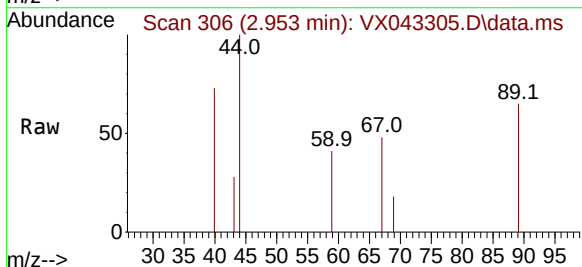
Instrument :
 MSVOA_X
 ClientSampleId :
 Storage-Blank-WATER-REF-4

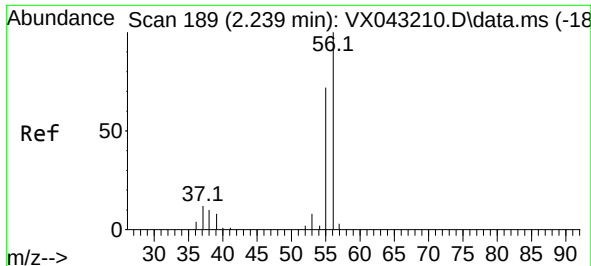
Tgt Ion: 94 Resp: 170
 Ion Ratio Lower Upper
 94 100
 96 51.5 76.6 115.0#



#11
 Tert butyl alcohol
 Concen: 0.863 ug/l
 RT: 2.953 min Scan# 306
 Delta R.T. -0.043 min
 Lab File: VX043305.D
 Acq: 07 Oct 2024 11:30

Tgt Ion: 59 Resp: 223
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 13.0#

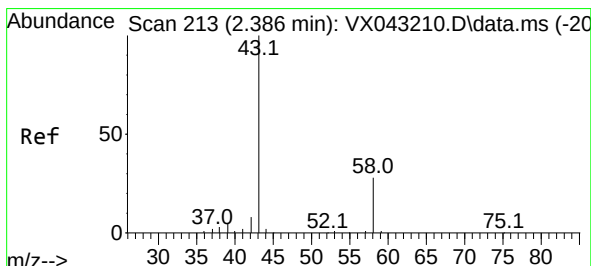
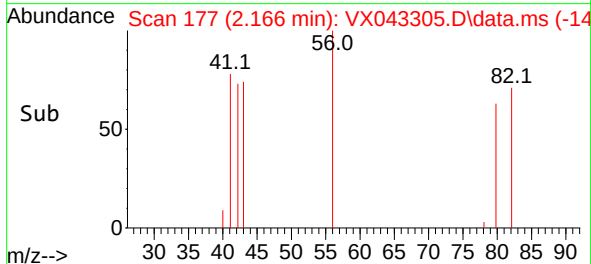
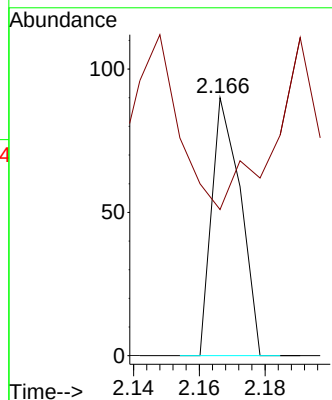
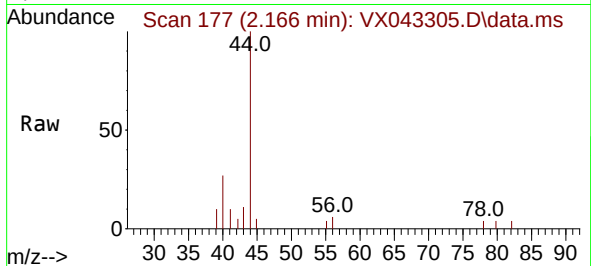




#13
Acrolein
Concen: 0.225 ug/l
RT: 2.166 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

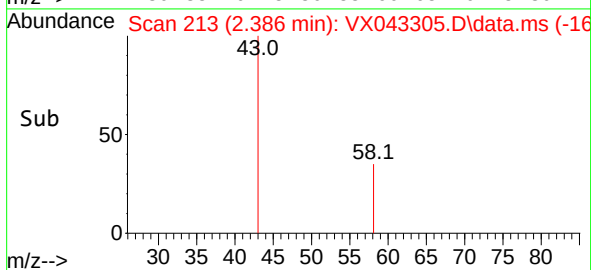
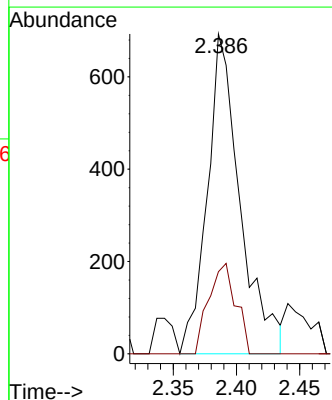
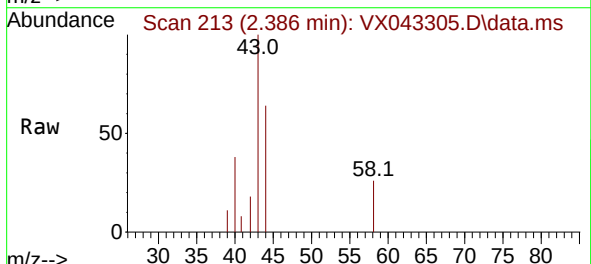
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

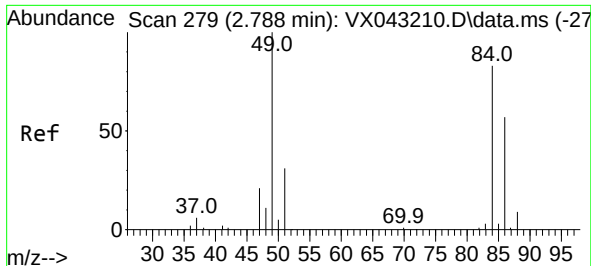
Tgt Ion: 56 Resp: 55
Ion Ratio Lower Upper
56 100
55 261.8 57.4 86.0#



#16
Acetone
Concen: 2.214 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 43 Resp: 1255
Ion Ratio Lower Upper
43 100
58 25.7 22.6 33.8

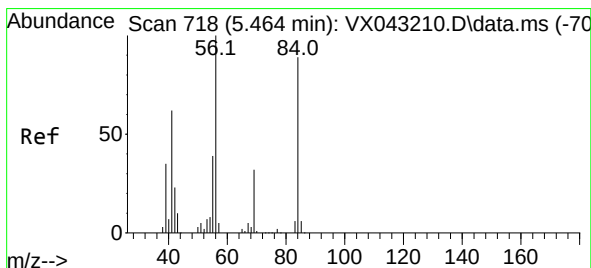
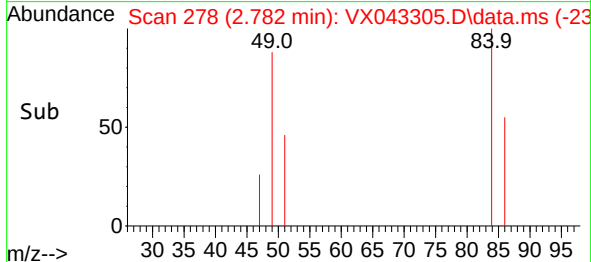
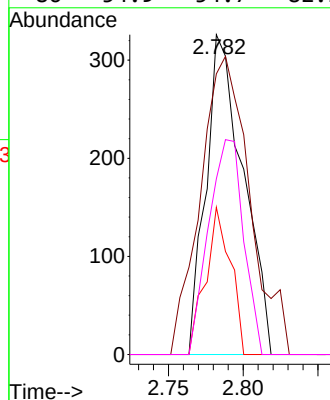
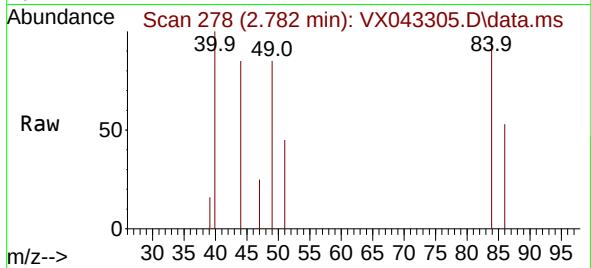




#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

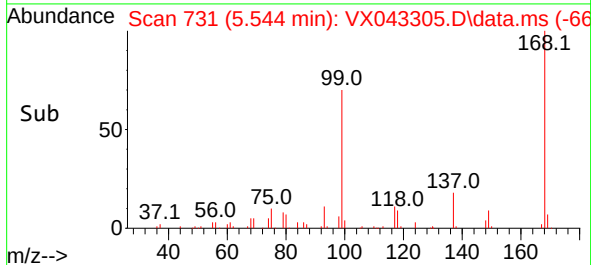
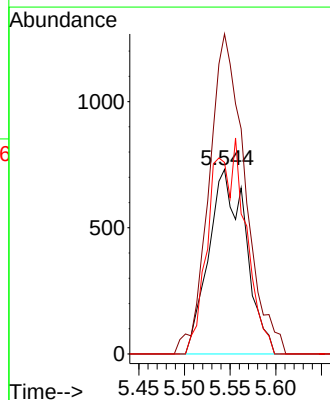
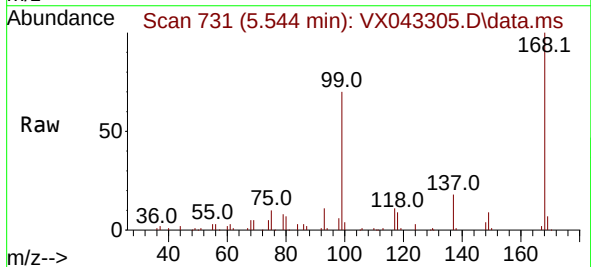
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

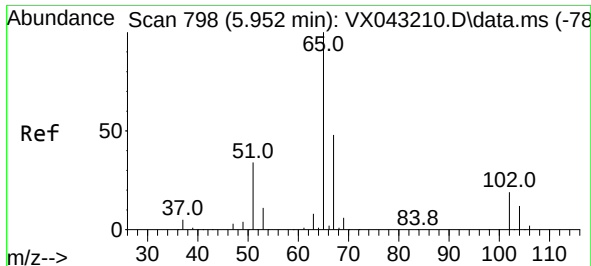
Tgt Ion: 84	Resp: 563
Ion Ratio	Lower Upper
84 100	
49 69.9	96.7 145.1#
51 46.0	30.4 45.6#
86 54.9	54.7 82.1



#31
Cyclohexane
Concen: 1.405 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 56	Resp: 2058
Ion Ratio	Lower Upper
56 100	
69 165.7	25.8 38.6#
84 103.8	71.1 106.7





#33

1,2-Dichloroethane-d4

Concen: 51.484 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX043305.D

Acq: 07 Oct 2024 11:30

Instrument :

MSVOA_X

ClientSampleId :

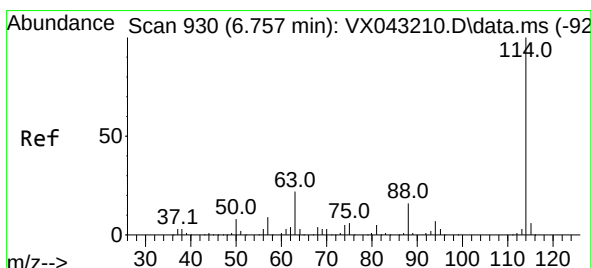
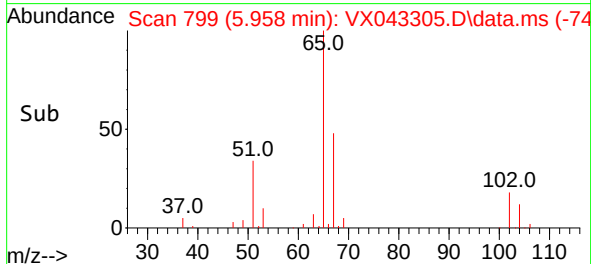
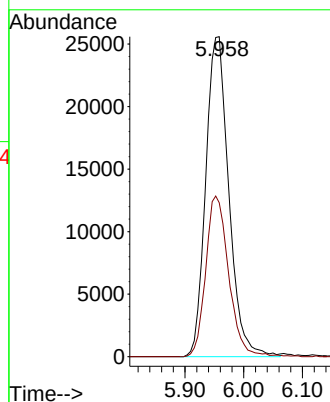
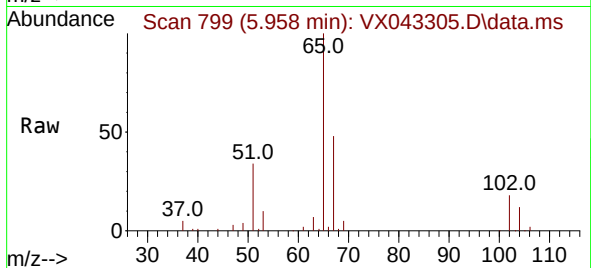
Storage-Blank-WATER-REF-4

Tgt Ion: 65 Resp: 69891

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX043305.D

Acq: 07 Oct 2024 11:30

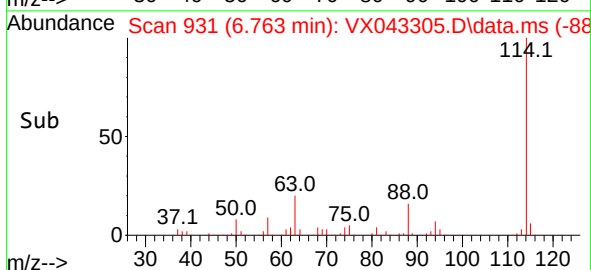
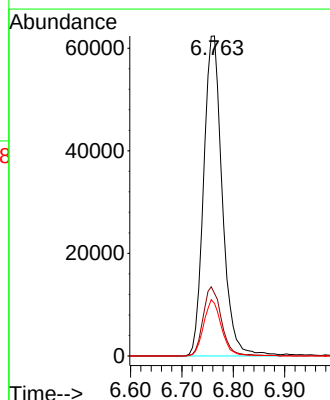
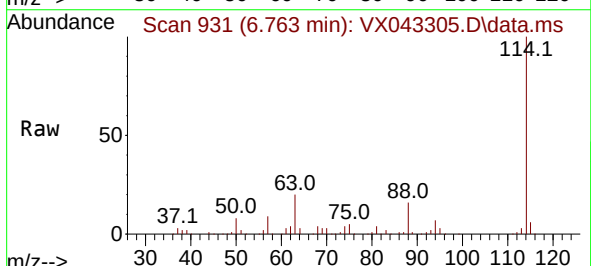
Tgt Ion: 114 Resp: 156702

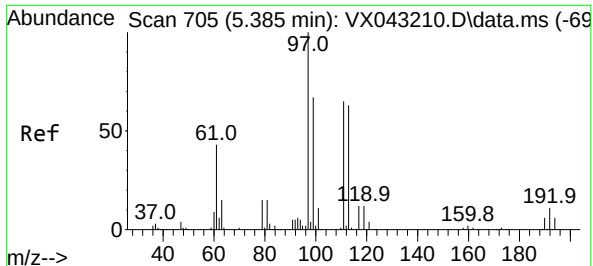
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.0

88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.330 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX043305.D

Acq: 07 Oct 2024 11:30

Instrument :

MSVOA_X

ClientSampleId :

Storage-Blank-WATER-REF-4

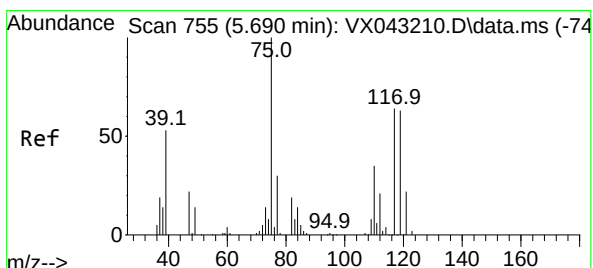
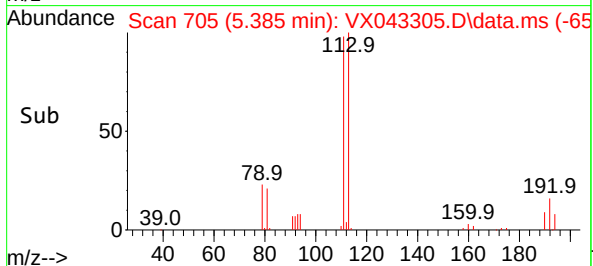
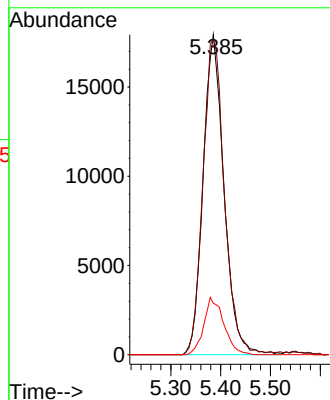
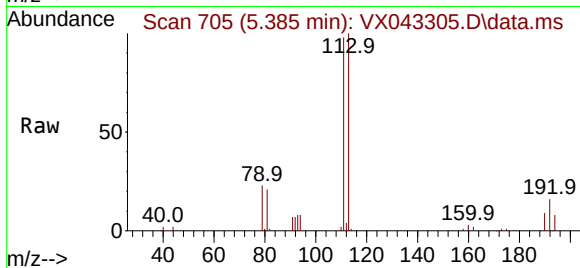
Tgt Ion:113 Resp: 52229

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

192 17.1 14.1 21.1



#36

1,1-Dichloropropene

Concen: 5.365 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX043305.D

Acq: 07 Oct 2024 11:30

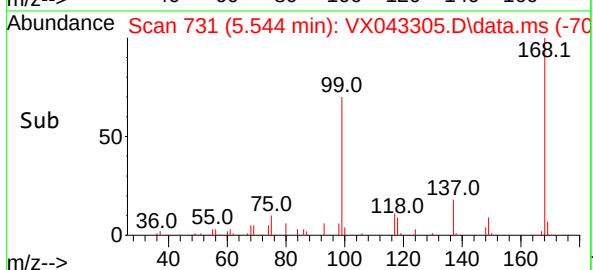
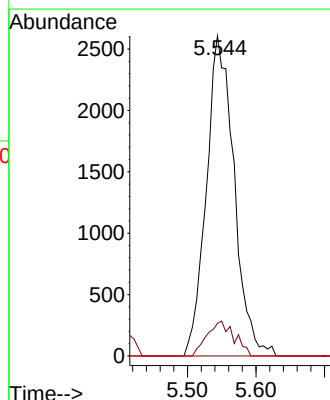
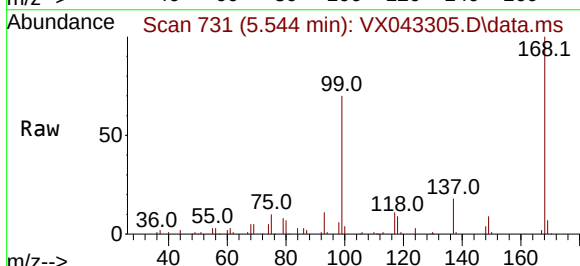
Tgt Ion: 75 Resp: 7325

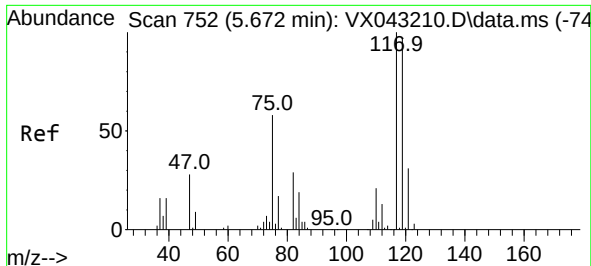
Ion Ratio Lower Upper

75 100

110 10.6 17.8 53.3#

77 0.0 24.9 37.3#

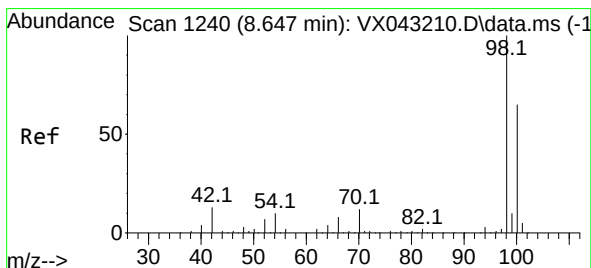
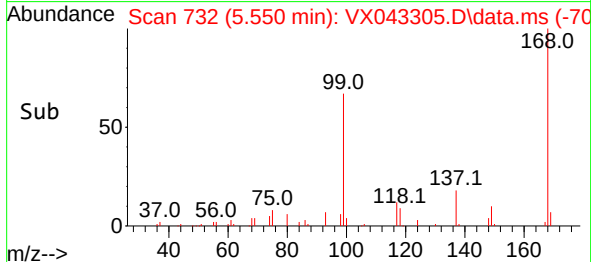
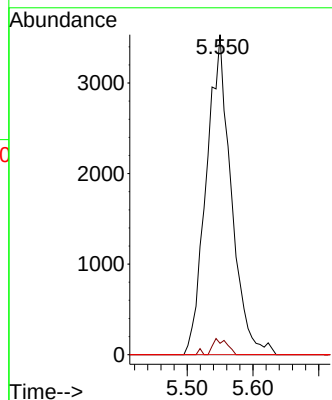
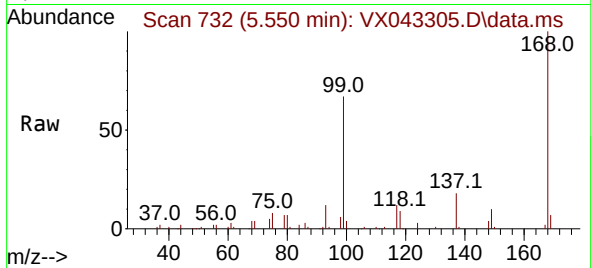




#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

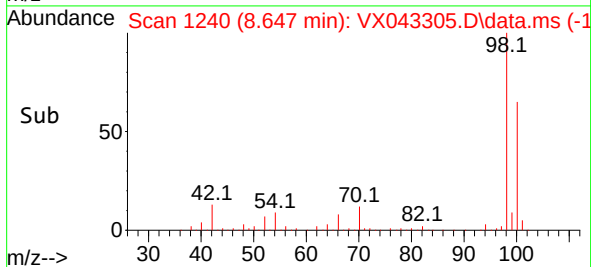
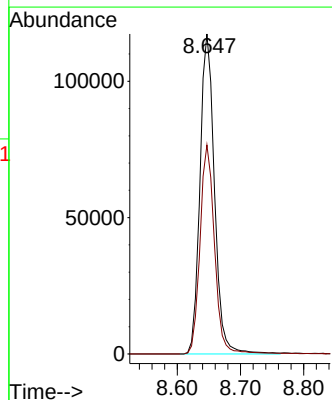
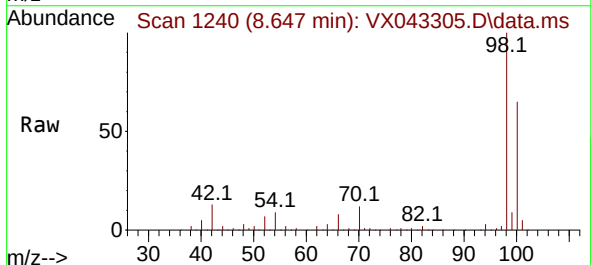
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

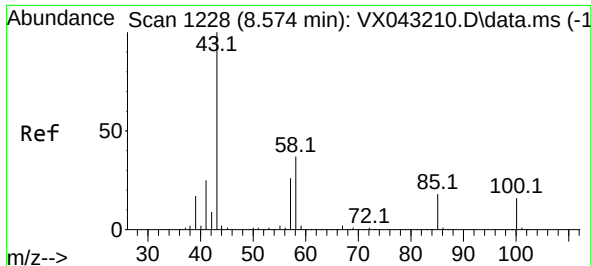
Tgt Ion:117 Resp: 9310
Ion Ratio Lower Upper
117 100
119 3.6 77.7 116.5#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 50.200 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 98 Resp: 188001
Ion Ratio Lower Upper
98 100
100 65.3 52.4 78.6

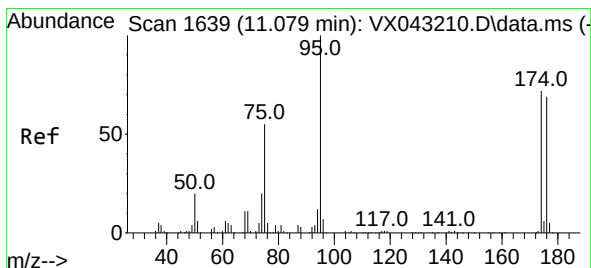
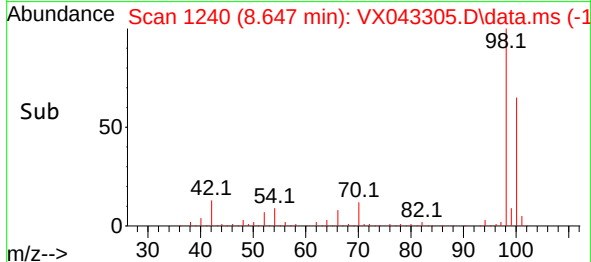
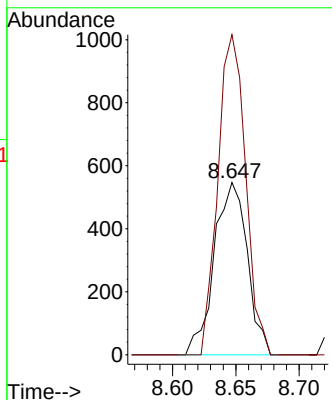
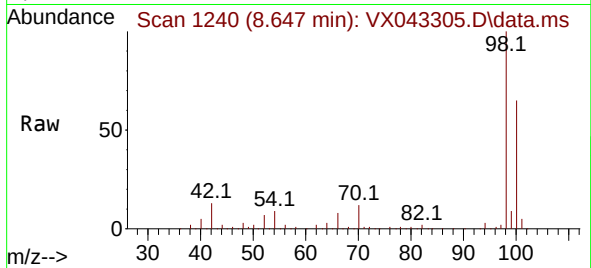




#51
4-Methyl-2-Pentanone
Concen: 0.605 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

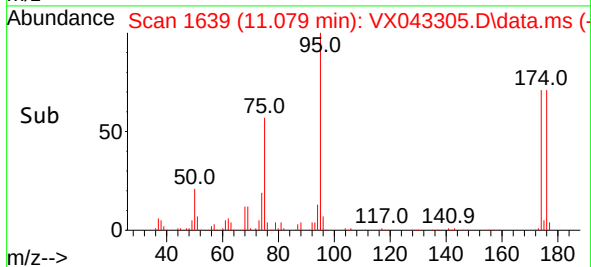
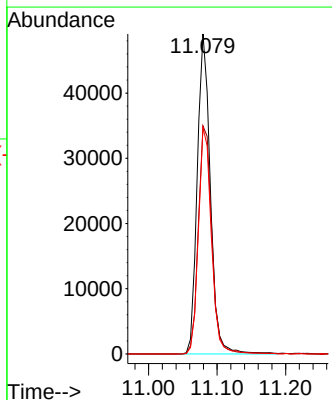
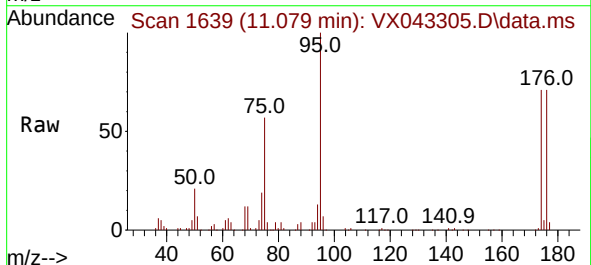
Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

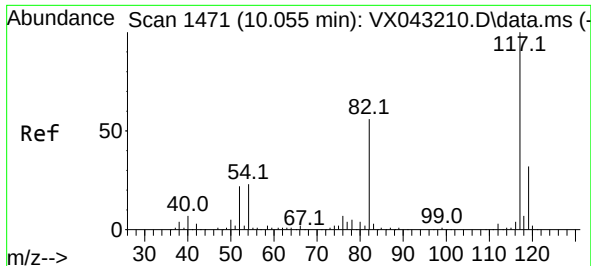
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
58 155.6 30.0 45.0#



#62
4-Bromofluorobenzene
Concen: 48.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 95 Resp: 65356
Ion Ratio Lower Upper
95 100
174 74.0 0.0 145.0
176 70.2 0.0 143.0

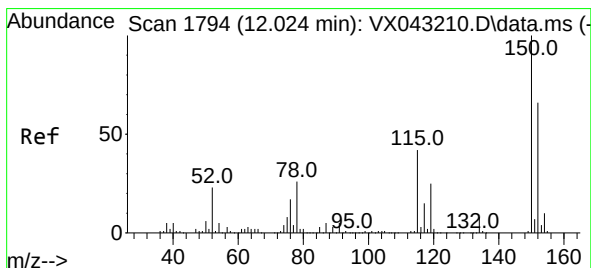
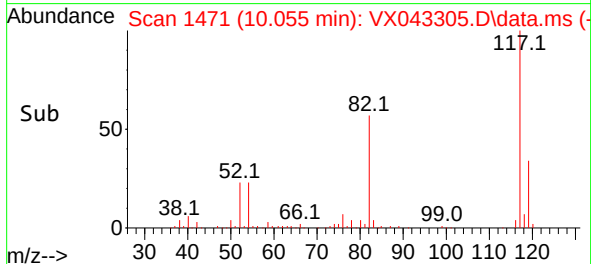
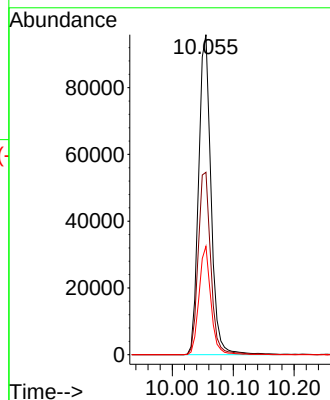
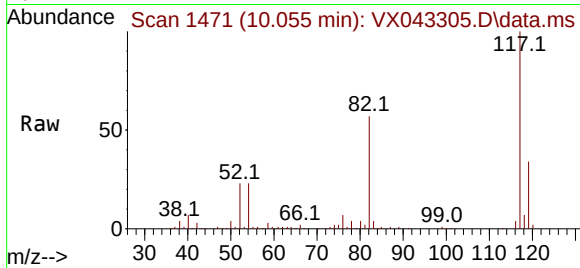




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

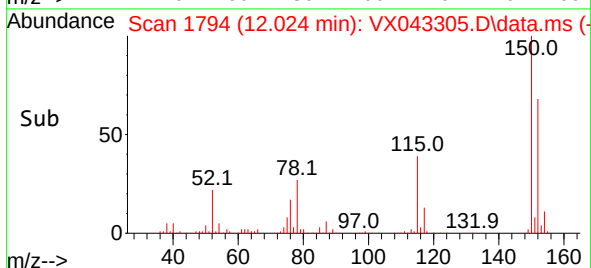
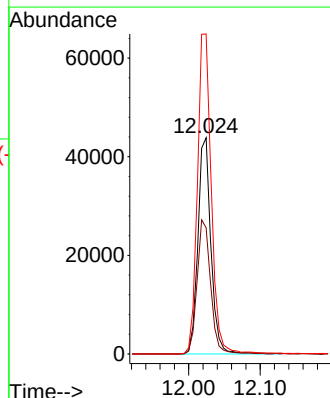
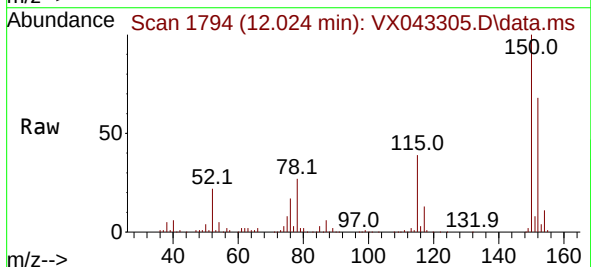
Instrument :
MSVOA_X
ClientSampleId :
Storage-Blank-WATER-REF-4

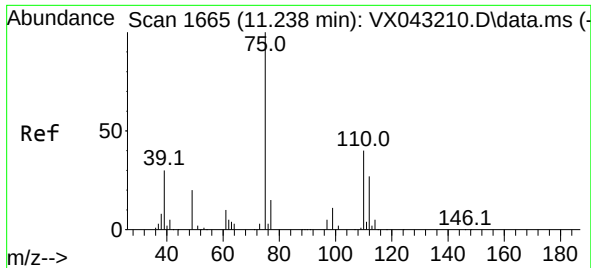
Tgt Ion:117 Resp: 135317
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 33.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion:152 Resp: 55482
Ion Ratio Lower Upper
152 100
115 64.3 44.1 132.3
150 157.5 0.0 347.4

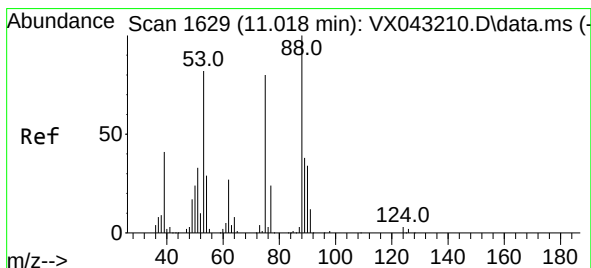
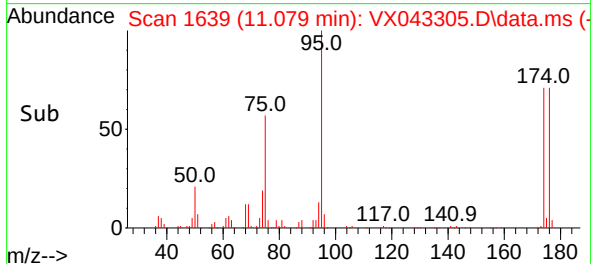
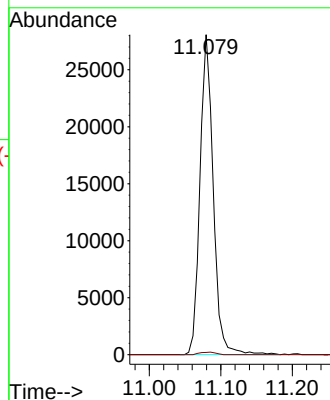
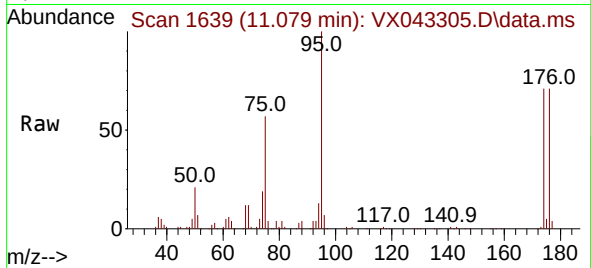




#76
1,2,3-Trichloropropane
Concen: 29.381 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Instrument : MSVOA_X
ClientSampleId : Storage-Blank-WATER-REF-4

Tgt Ion: 75 Resp: 36158
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043305.D
Acq: 07 Oct 2024 11:30

Tgt Ion: 75 Resp: 36158
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

