

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038859.D
 Acq On : 16 Nov 2023 23:36
 Operator : JC/MD
 Sample : 05403-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW11-MW01I-20231107

Quant Time: Nov 17 03:22:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

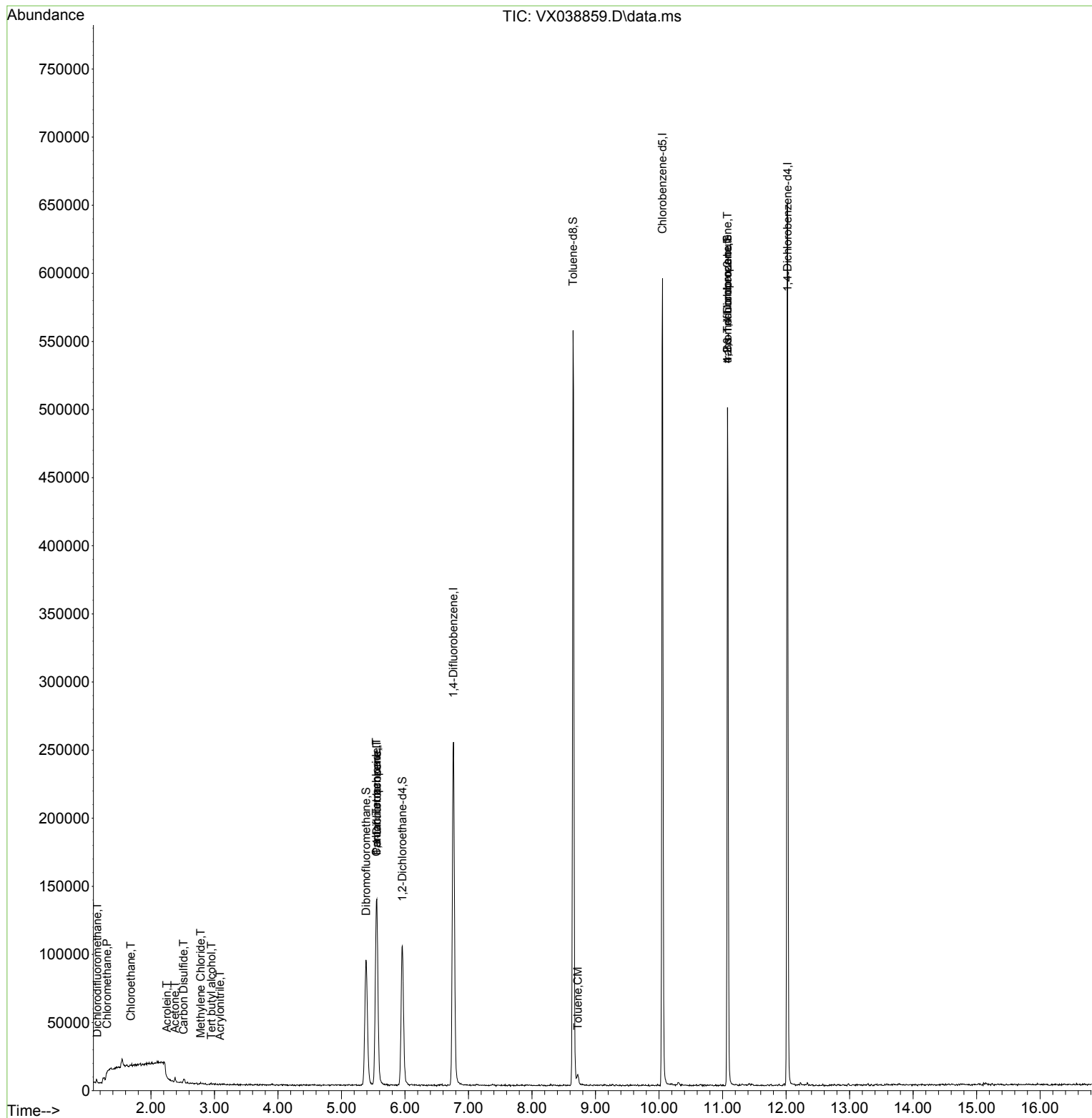
Internal Standards						
1) Pentafluorobenzene	5.556	168	124895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	260517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264363	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96331	47.867	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.740%		
35) Dibromofluoromethane	5.385	113	81723	43.435	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.860%		
50) Toluene-d8	8.647	98	331190	46.006	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.020%		
62) 4-Bromofluorobenzene	11.079	95	140739	48.839	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.680%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.154	85	361	0.248	ug/l #	41
3) Chloromethane	1.306	50	465	0.244	ug/l #	81
6) Chloroethane	1.684	64	238	0.228	ug/l #	43
11) Tert butyl alcohol	2.953	59	717	1.281	ug/l #	69
13) Acrolein	2.251	56	225	0.760	ug/l #	14
15) Acrylonitrile	3.087	53	297	0.251	ug/l #	17
16) Acetone	2.379	43	2428	2.266	ug/l #	77
17) Carbon Disulfide	2.514	76	2469	0.512	ug/l #	91
20) Methylene Chloride	2.782	84	484	0.251	ug/l #	76
36) 1,1-Dichloropropene	5.556	75	11593	4.299	ug/l #	53
38) Carbon Tetrachloride	5.550	117	14223	5.707	ug/l #	14
52) Toluene	8.720	92	2778	0.561	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	71640	21.871	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	71640	48.512	ug/l #	5

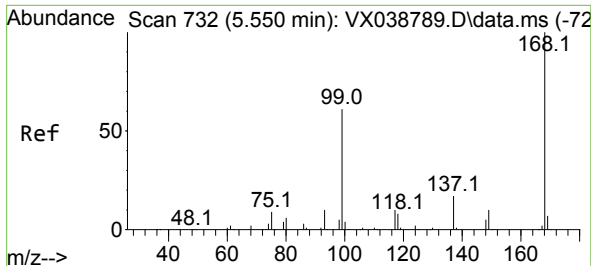
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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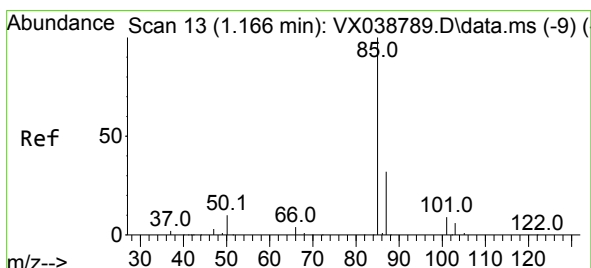
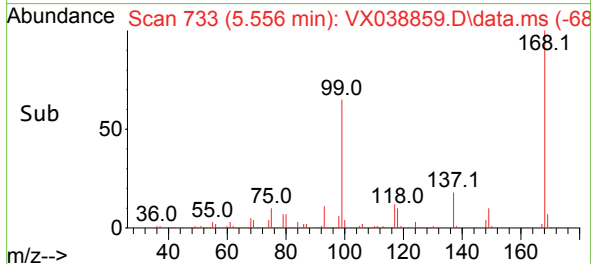
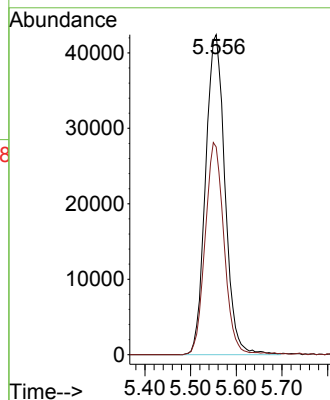
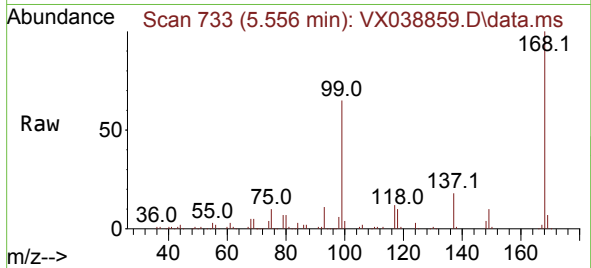




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

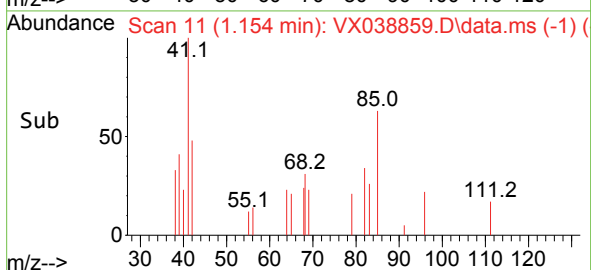
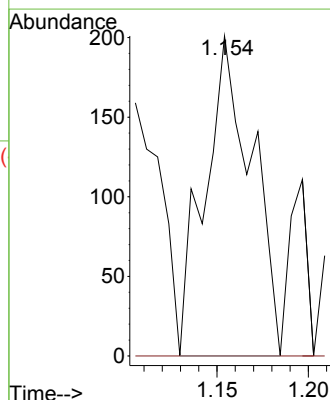
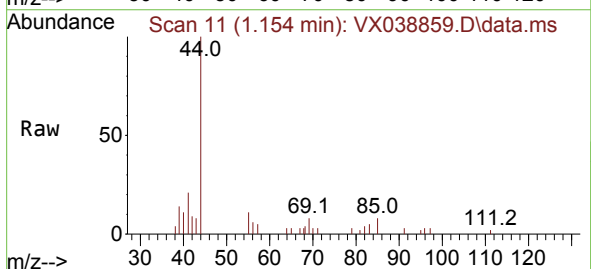
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

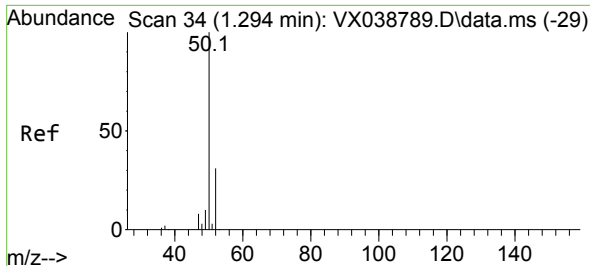
Tgt Ion:168 Resp: 124895
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.248 ug/l
RT: 1.154 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 85 Resp: 361
Ion Ratio Lower Upper
85 100
87 0.0 16.7 50.1#

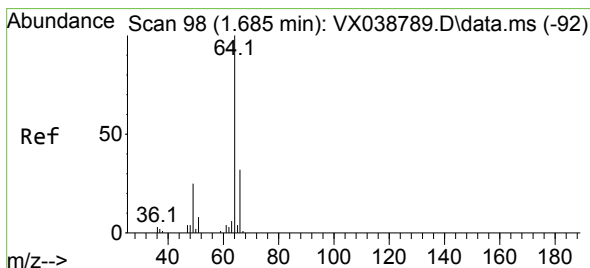
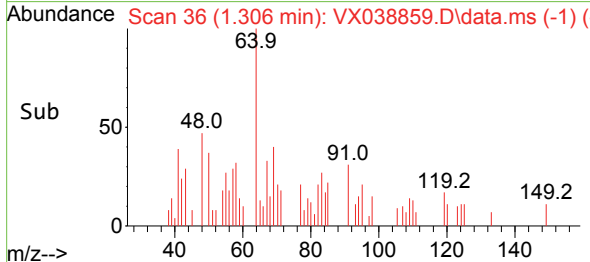
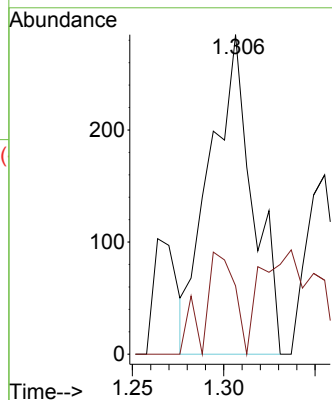
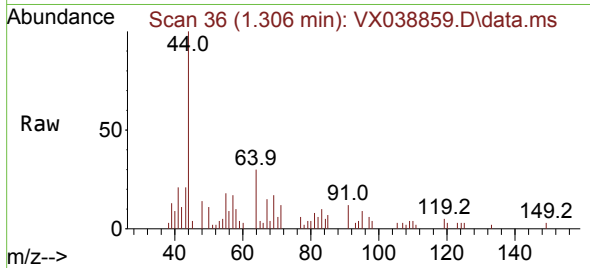




#3
Chloromethane
Concen: 0.244 ug/l
RT: 1.306 min Scan# 30
Delta R.T. 0.012 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

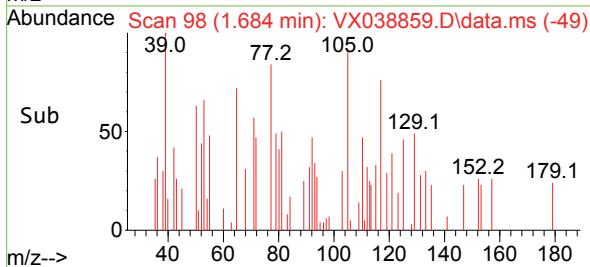
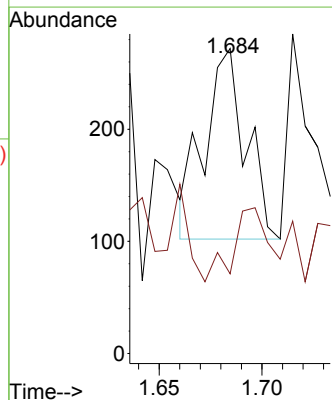
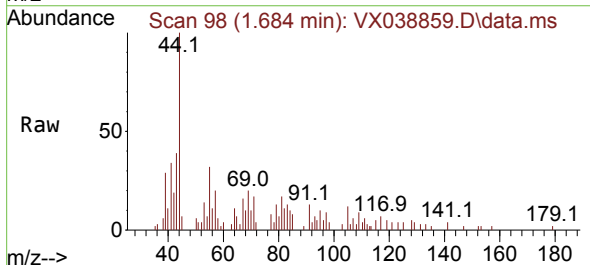
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

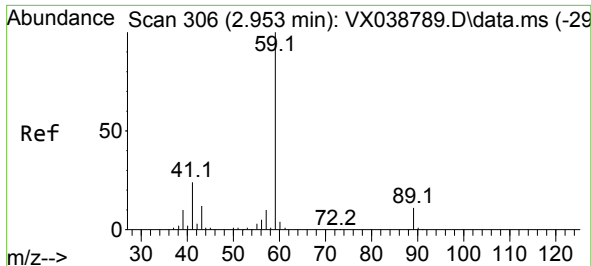
Tgt Ion: 50 Resp: 465
Ion Ratio Lower Upper
50 100
52 21.4 25.5 38.3#



#6
Chloroethane
Concen: 0.228 ug/l
RT: 1.684 min Scan# 98
Delta R.T. -0.001 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

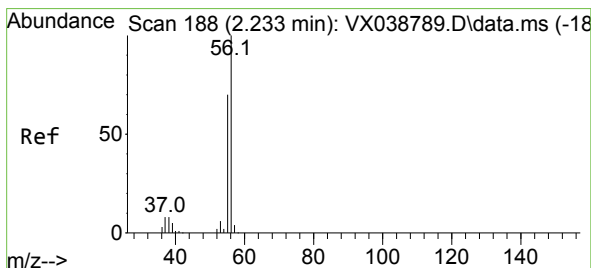
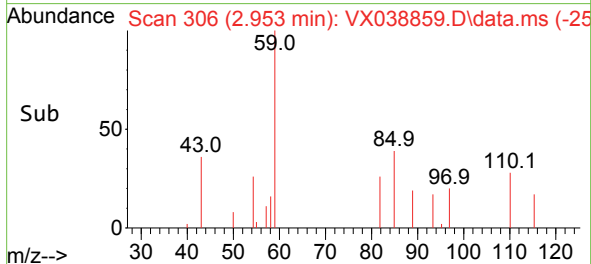
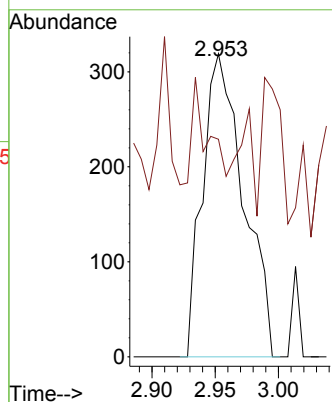
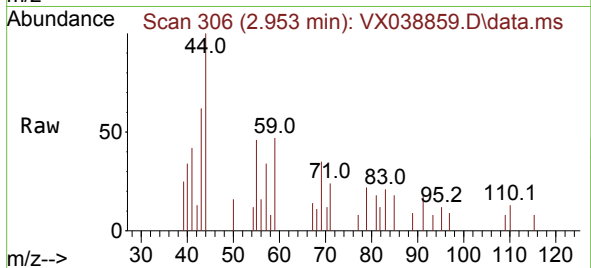




#11
Tert butyl alcohol
Concen: 1.281 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

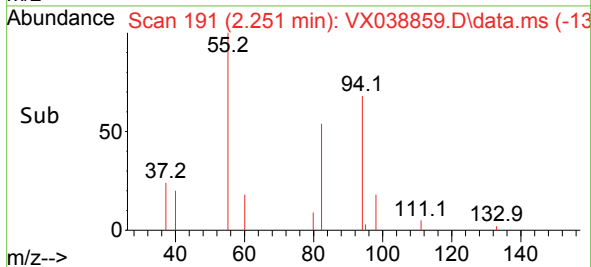
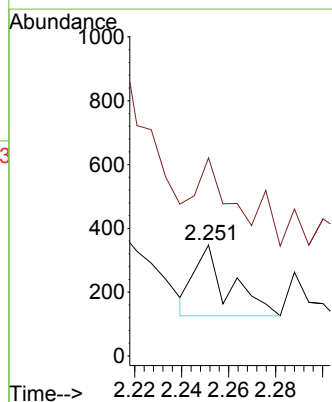
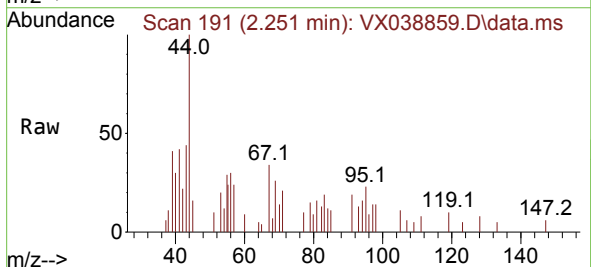
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

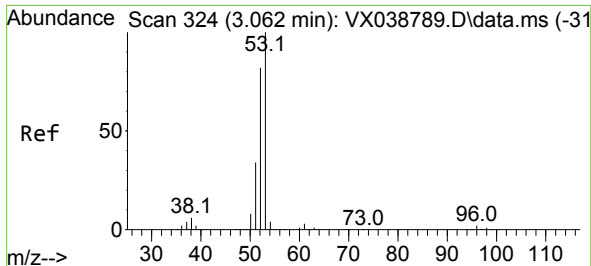
Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 18.3 6.0 9.0#



#13
Acrolein
Concen: 0.760 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#

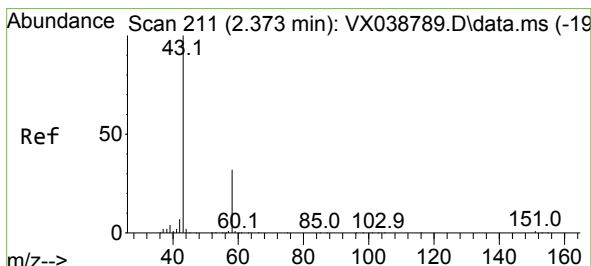
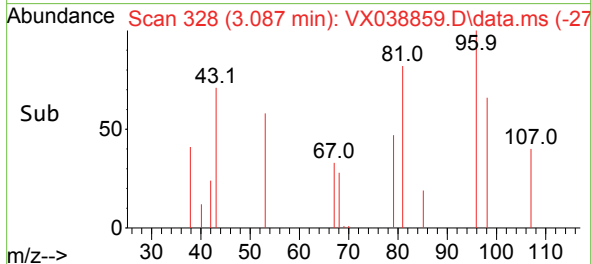
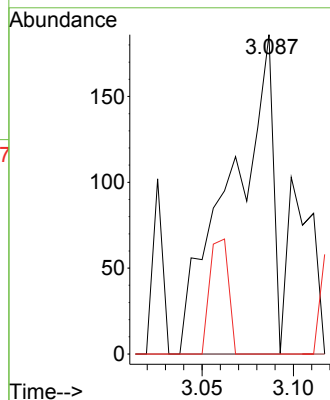
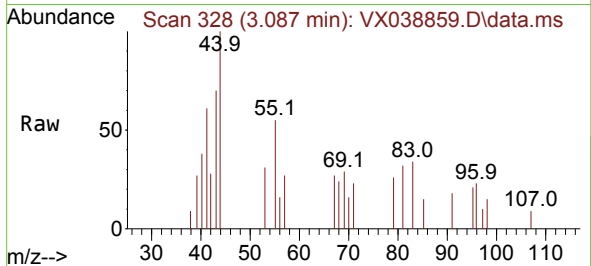




#15
Acrylonitrile
Concen: 0.251 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

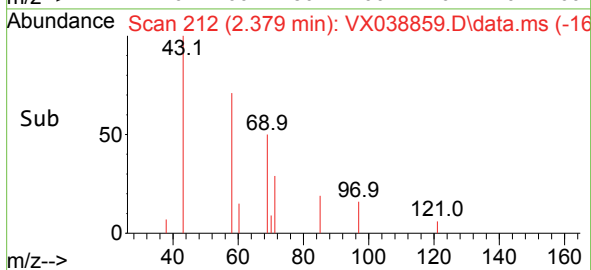
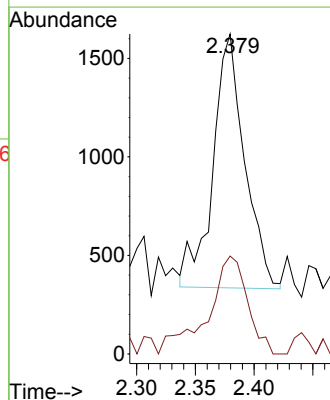
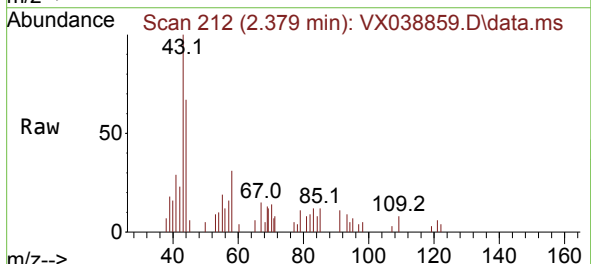
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

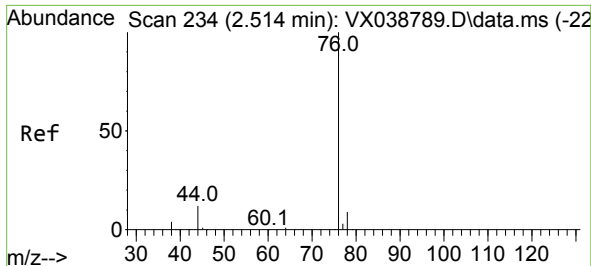
Tgt Ion: 53 Resp: 297
Ion Ratio Lower Upper
53 100
52 0.0 66.0 99.0#
51 0.0 29.8 44.6#



#16
Acetone
Concen: 2.266 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 43 Resp: 2428
Ion Ratio Lower Upper
43 100
58 39.2 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.512 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

Instrument :

MSVOA_X

ClientSampleId :

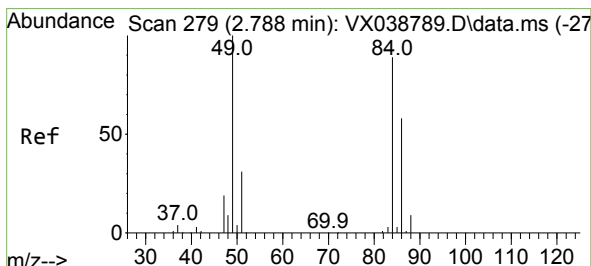
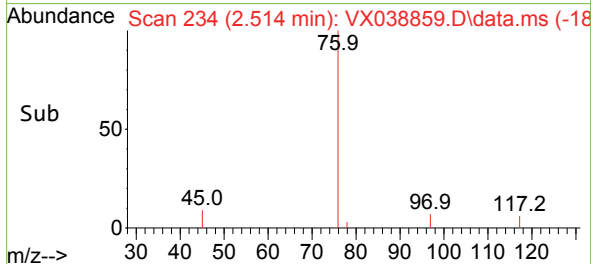
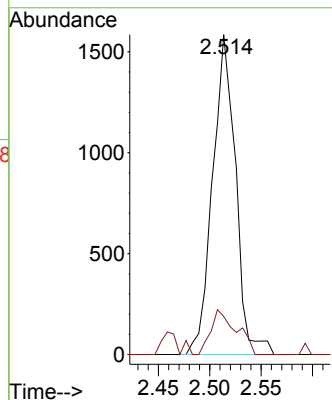
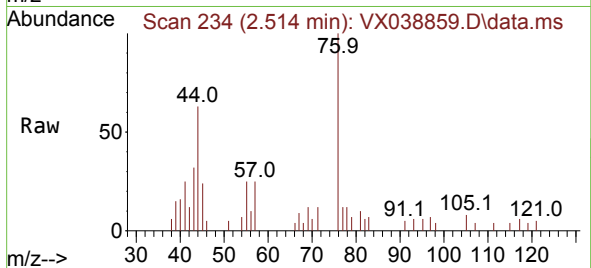
RW11-MW01I-20231107

Tgt Ion: 76 Resp: 2469

Ion Ratio Lower Upper

76 100

78 11.9 7.0 10.6#



#20

Methylene Chloride

Concen: 0.251 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

Tgt Ion: 84 Resp: 484

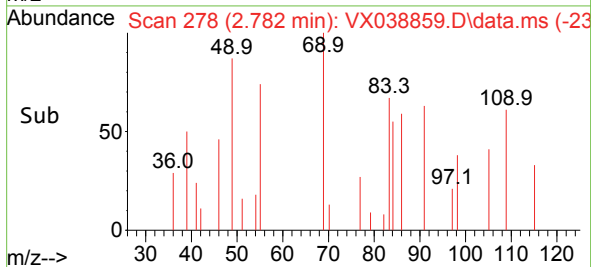
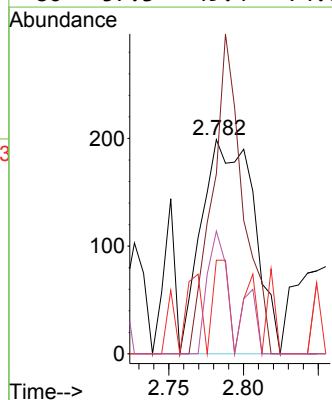
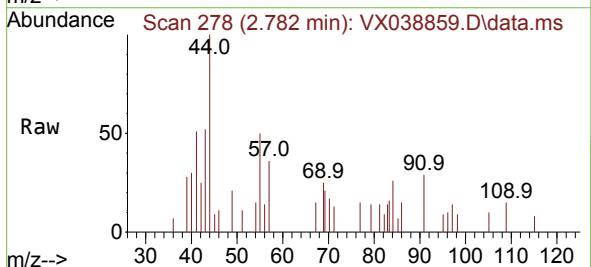
Ion Ratio Lower Upper

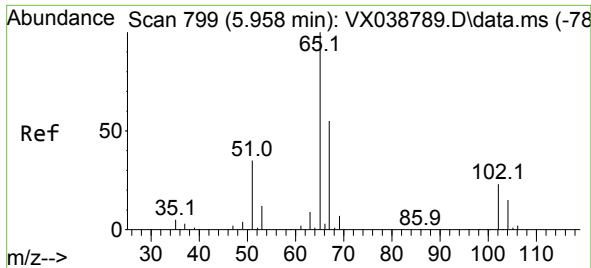
84 100

49 83.9 103.6 155.4#

51 43.7 33.8 50.6

86 57.3 49.4 74.0

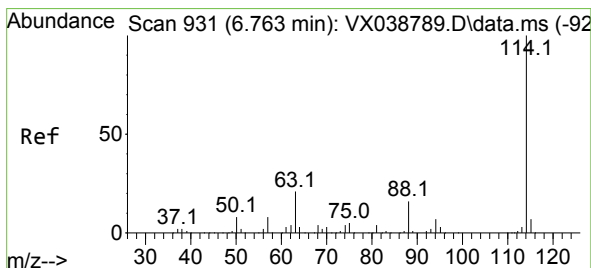
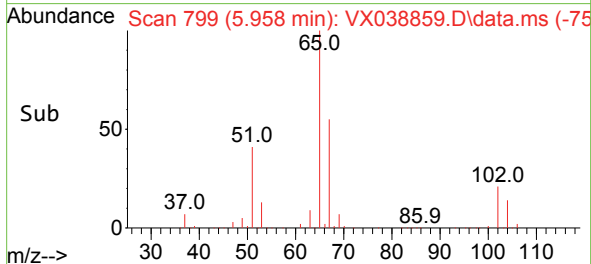
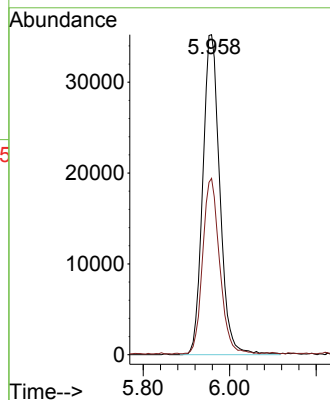
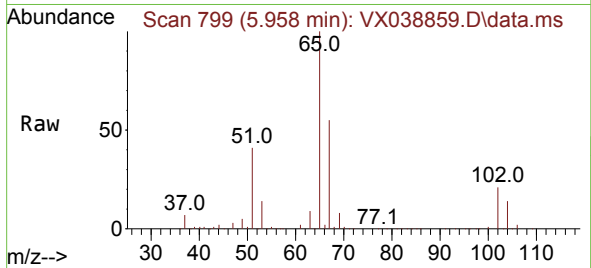




#33
 1,2-Dichloroethane-d4
 Concen: 47.867 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX038859.D
 Acq: 16 Nov 2023 23:36

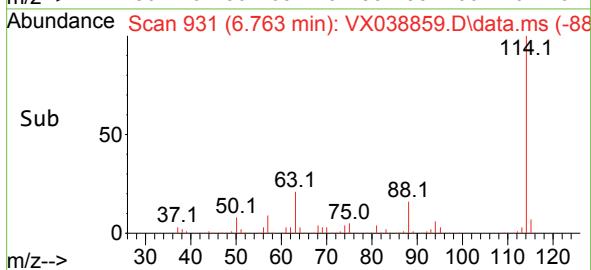
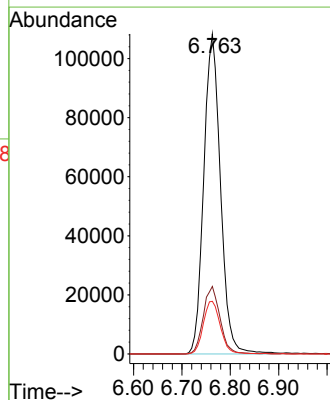
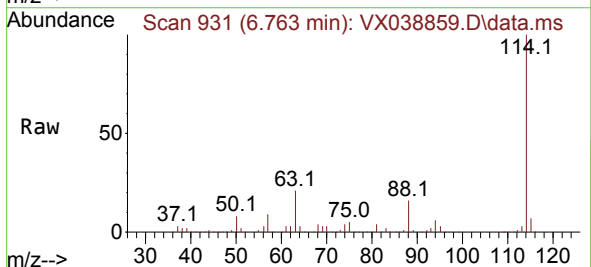
Instrument :
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Tgt Ion: 65 Resp: 96331
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038859.D
 Acq: 16 Nov 2023 23:36

Tgt Ion: 114 Resp: 260517
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 45.0
 88 16.5 0.0 36.6

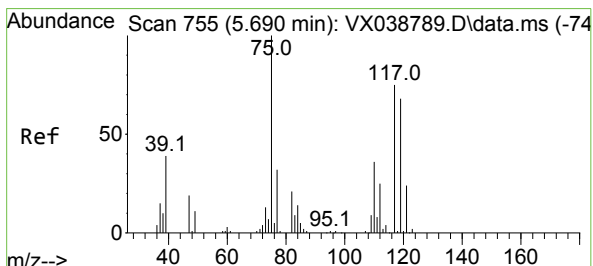
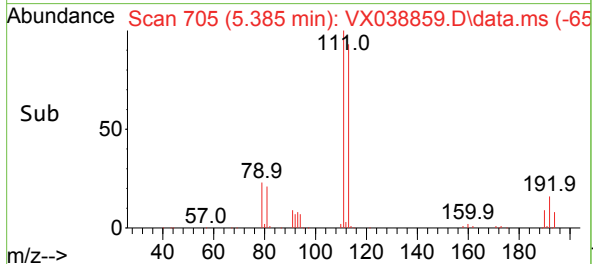
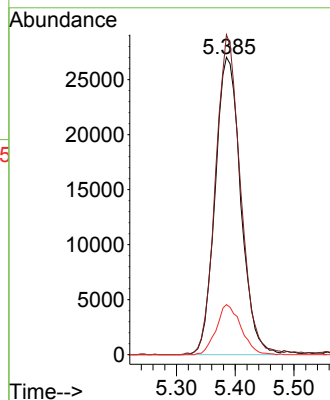
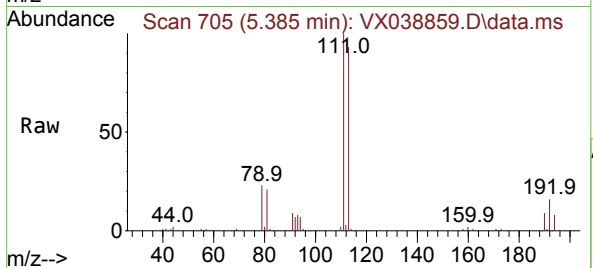




#35
Dibromofluoromethane
Concen: 43.435 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

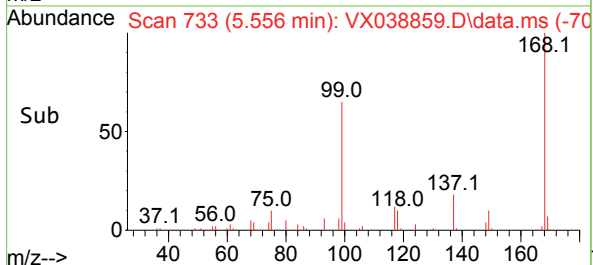
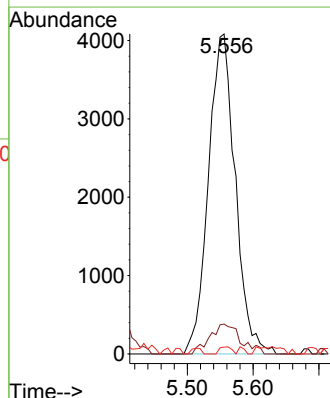
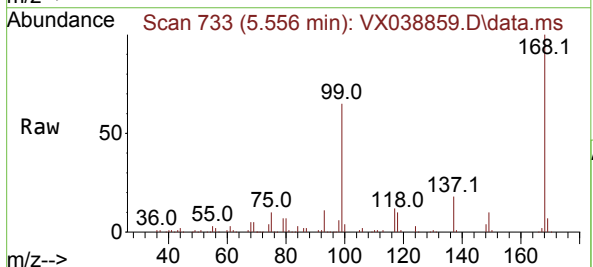
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01-20231107

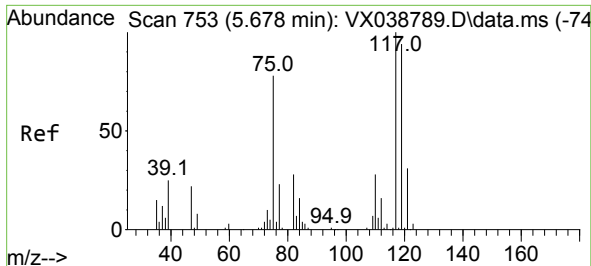
Tgt Ion:113 Resp: 81723
Ion Ratio Lower Upper
113 100
111 104.6 82.9 124.3
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 75 Resp: 11593
Ion Ratio Lower Upper
75 100
110 10.8 17.0 50.9#
77 1.0 24.7 37.1#

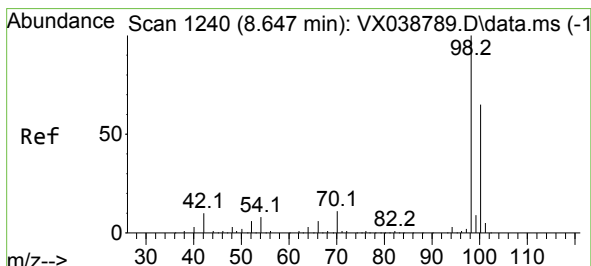
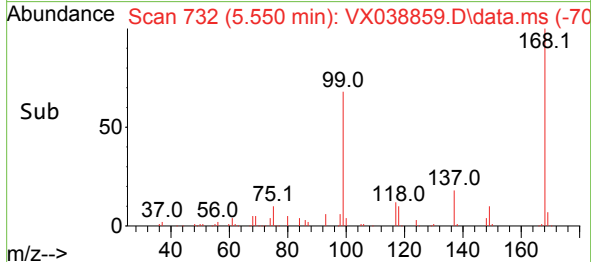
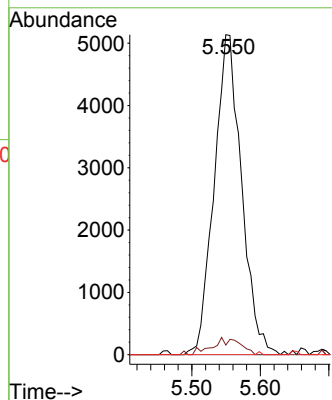
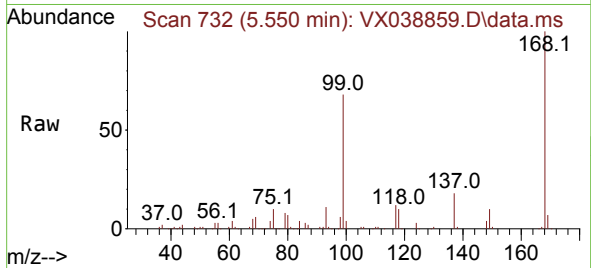




#38
Carbon Tetrachloride
Concen: 5.707 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

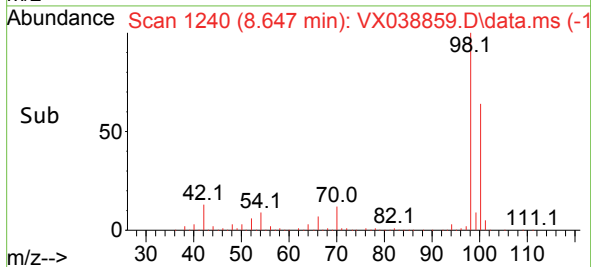
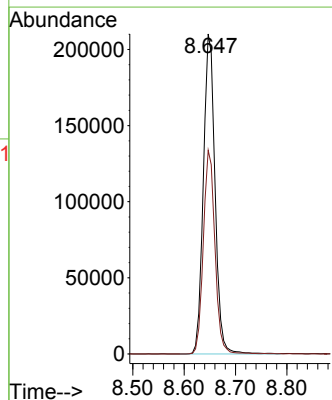
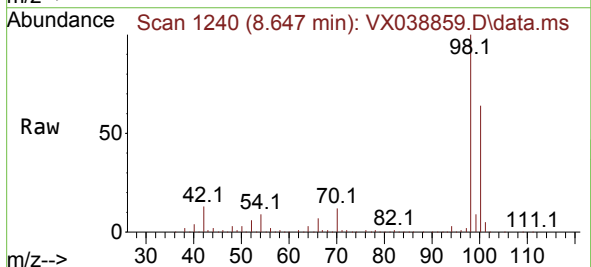
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

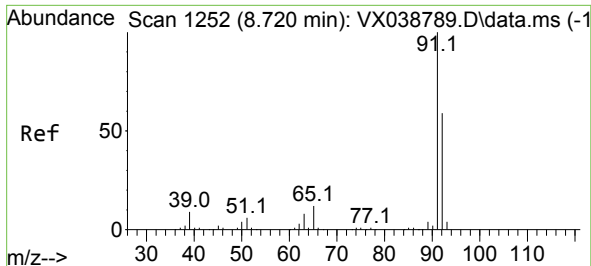
Tgt Ion:117 Resp: 14223
Ion Ratio Lower Upper
117 100
119 3.0 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 46.006 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 98 Resp: 331190
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7

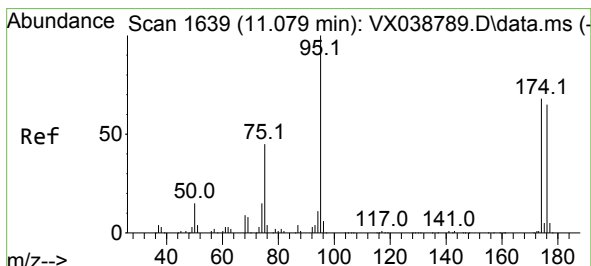
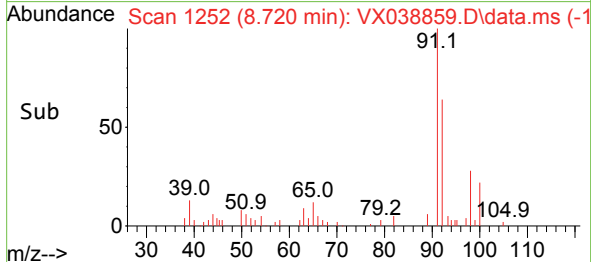
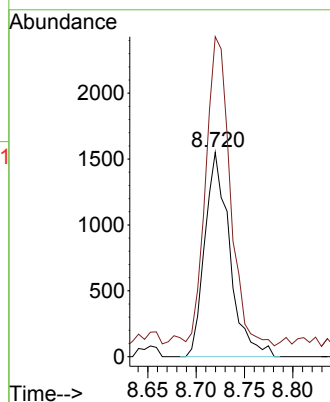
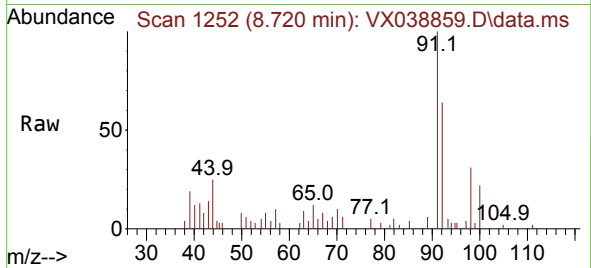




#52
Toluene
Concen: 0.561 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

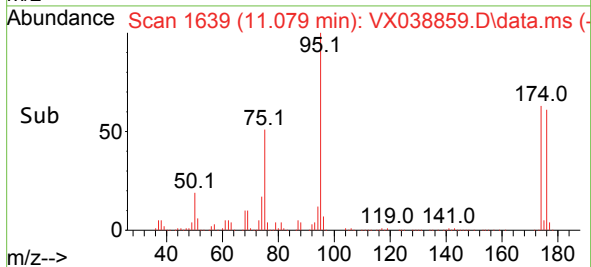
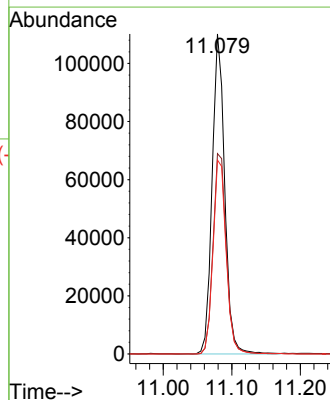
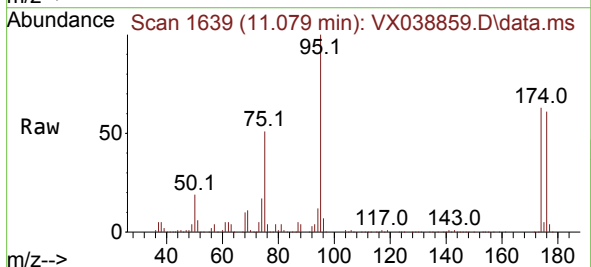
Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

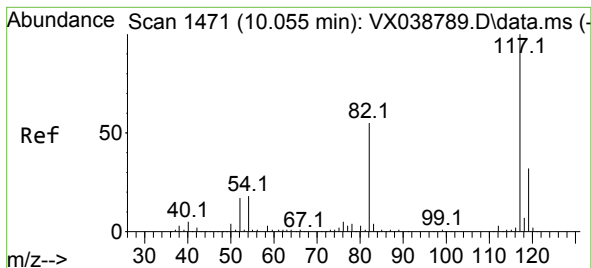
Tgt Ion: 92 Resp: 2778
Ion Ratio Lower Upper
92 100
91 153.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.839 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 95 Resp: 140739
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.6
176 63.4 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

Instrument :

MSVOA_X

ClientSampleId :

RW11-MW01I-20231107

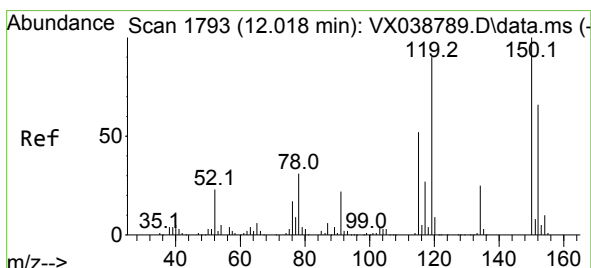
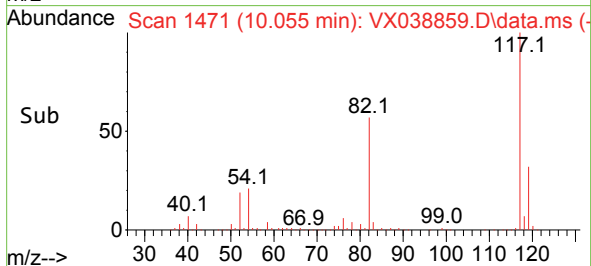
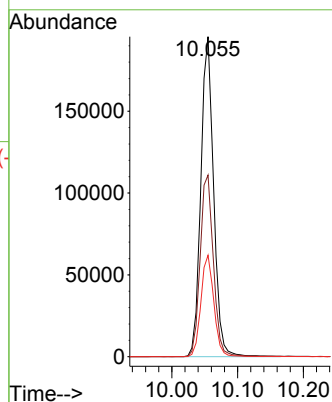
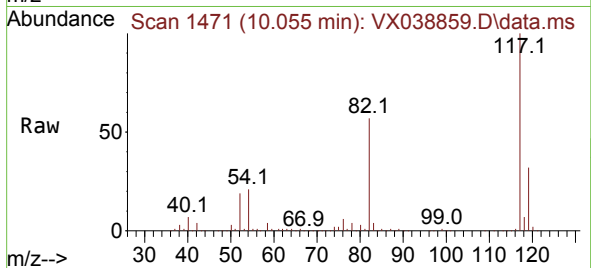
Tgt Ion:117 Resp: 264363

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.4

119 31.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX038859.D

Acq: 16 Nov 2023 23:36

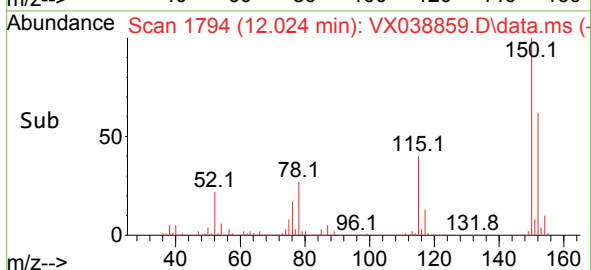
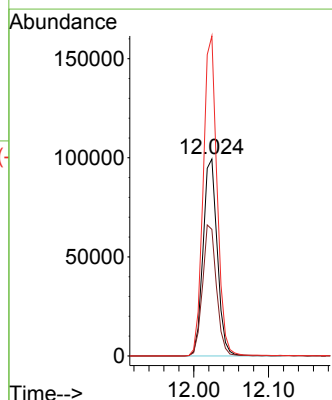
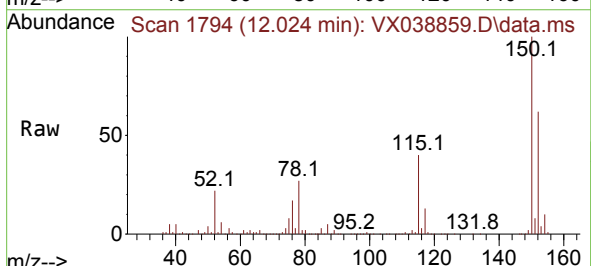
Tgt Ion:152 Resp: 131287

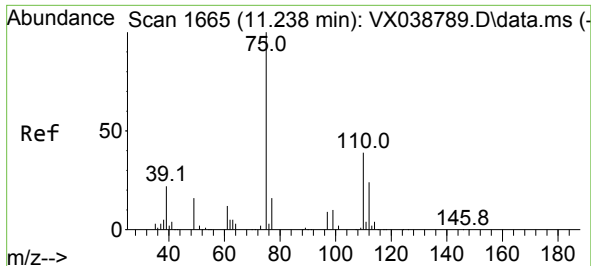
Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 158.5 0.0 345.0

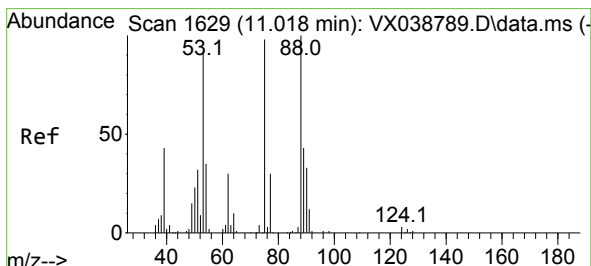
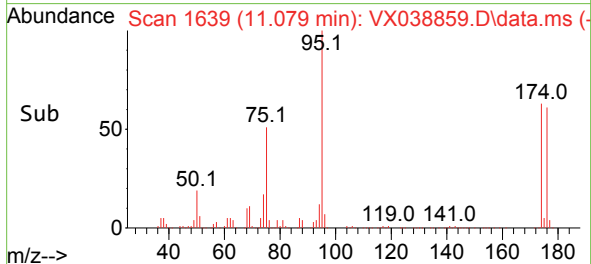
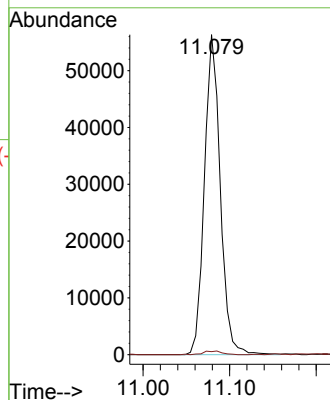
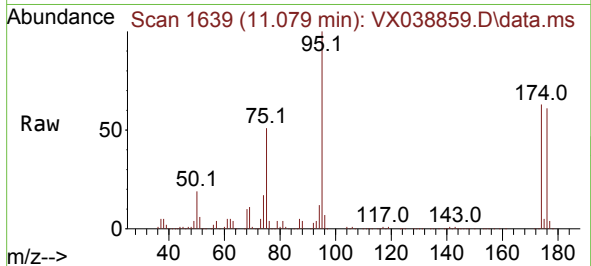




#76
1,2,3-Trichloropropane
Concen: 21.871 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Instrument :
MSVOA_X
ClientSampleId :
RW11-MW01I-20231107

Tgt Ion: 75 Resp: 71640
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 48.512 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038859.D
Acq: 16 Nov 2023 23:36

Tgt Ion: 75 Resp: 71640
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 36.9 55.3#

