

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048118.D
 Acq On : 10 Oct 2025 17:16
 Operator : JC/MD
 Sample : Q3311-09DL 500X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-3DL

Quant Time: Oct 10 23:52:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

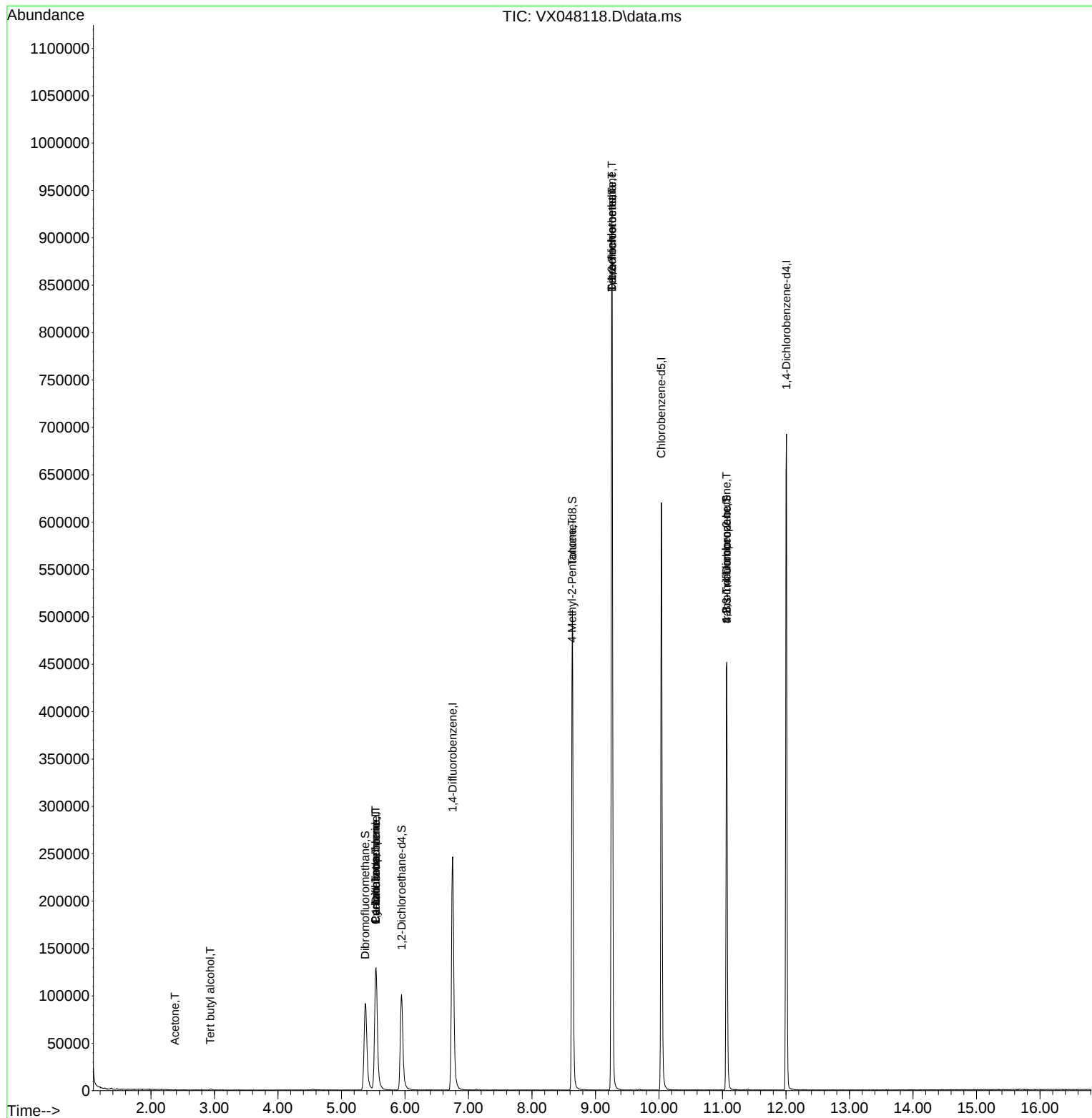
Internal Standards						
1) Pentafluorobenzene	5.544	168	130759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	269905	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	145743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	111045	53.352	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.700%	
35) Dibromofluoromethane	5.373	113	91307	50.442	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.880%	
50) Toluene-d8	8.635	98	308815	49.305	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	11.061	95	134626	56.635	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.935	59	595	2.567	ug/l #	72
16) Acetone	2.380	43	301	0.333	ug/l #	45
31) Cyclohexane	5.538	56	3121	1.135	ug/l #	7
36) 1,1-Dichloropropene	5.538	75	11166	4.222	ug/l #	50
38) Carbon Tetrachloride	5.538	117	14727	5.124	ug/l #	18
51) 4-Methyl-2-Pentanone	8.629	43	1503	0.584	ug/l #	1
55) 1,1,2-Trichloroethane	9.257	97	1778	0.932	ug/l #	1
60) Dibromochloromethane	9.257	129	179442	81.601	ug/l #	11
64) Tetrachloroethene	9.257	164	175208	94.443	ug/l	98
76) 1,2,3-Trichloropropane	11.061	75	71175	24.120	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	71175	61.510	ug/l #	8

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048118.D
Acq On : 10 Oct 2025 17:16
Operator : JC/MD
Sample : Q3311-09DL 500X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Quant Time: Oct 10 23:52:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





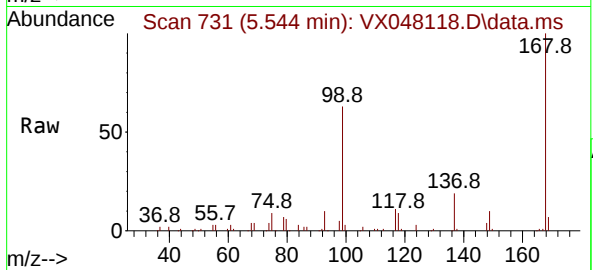
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :

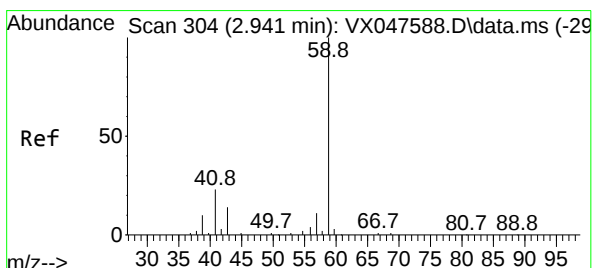
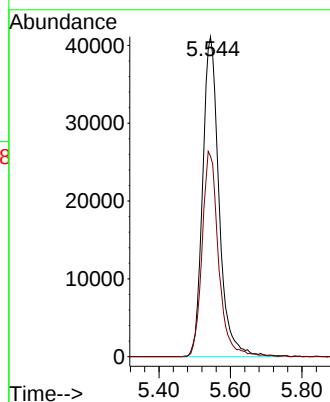
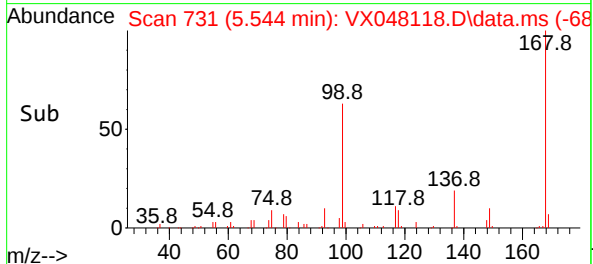
MSVOA_X

ClientSampleId :

C-MW-3DL

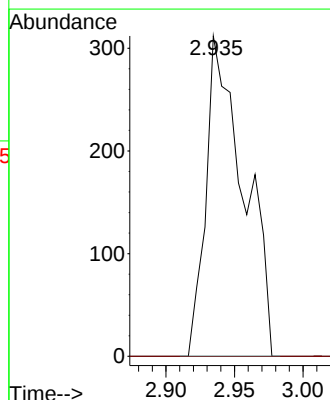
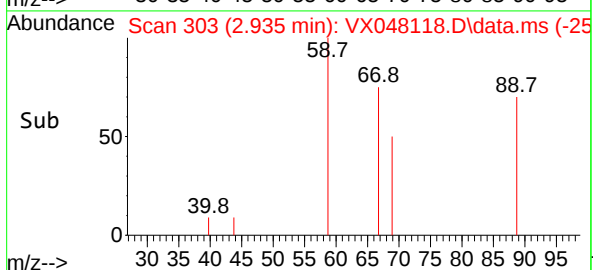
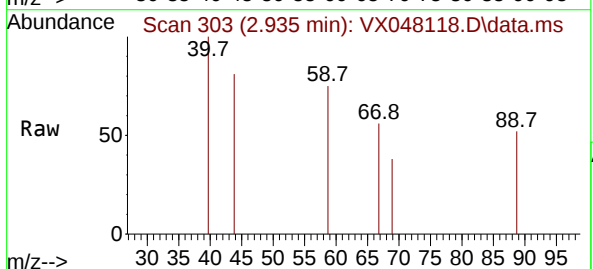


Tgt Ion:168 Resp: 130759
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#11
Tert butyl alcohol
Concen: 2.567 ug/l
RT: 2.935 min Scan# 303
Delta R.T. -0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 59 Resp: 595
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

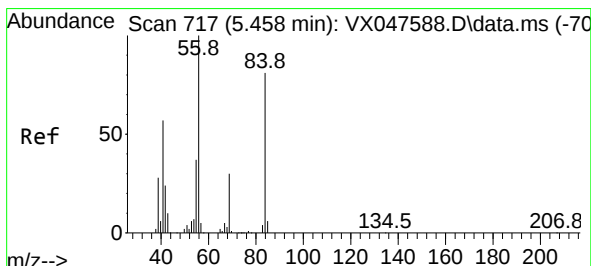
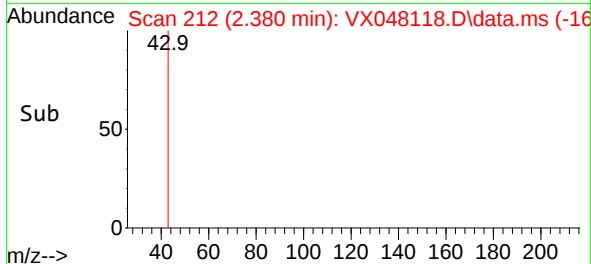
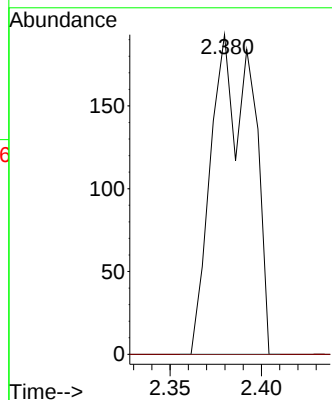
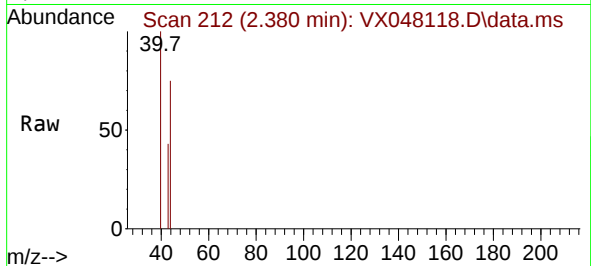




#16
Acetone
Concen: 0.333 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

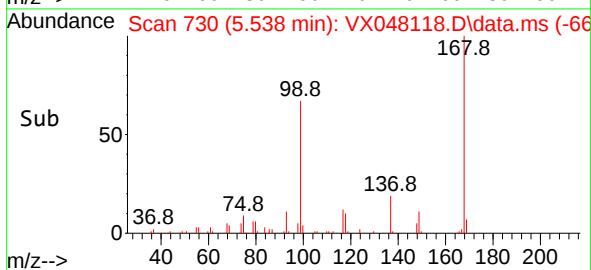
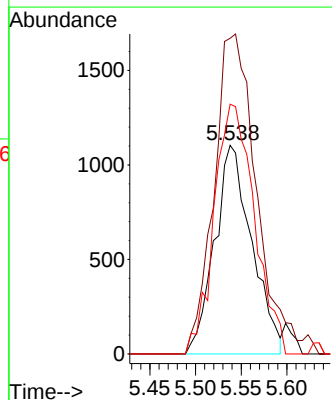
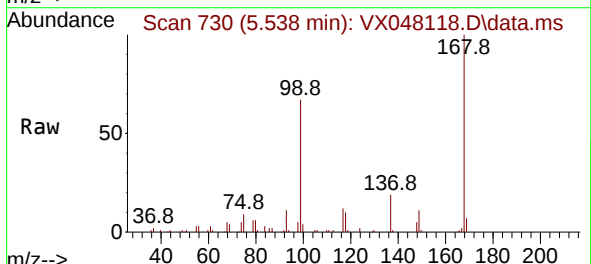
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 0.0 23.4 35.0#



#31
Cyclohexane
Concen: 1.135 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 56 Resp: 3121
Ion Ratio Lower Upper
56 100
69 151.3 23.8 35.8#
84 119.7 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 53.352 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

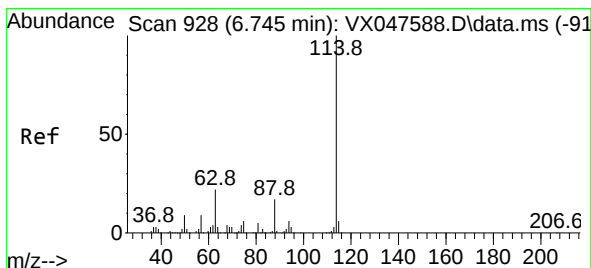
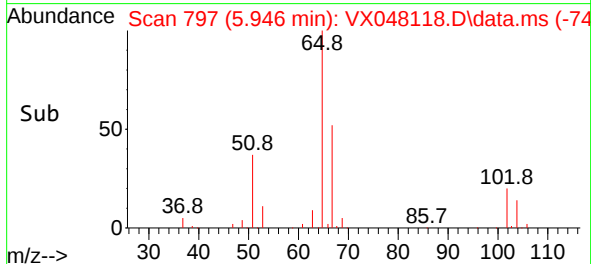
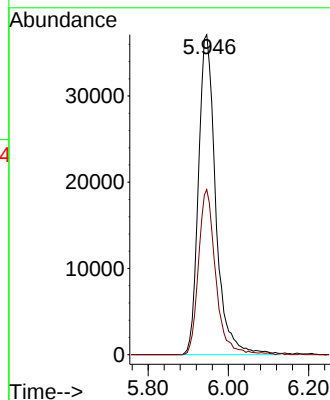
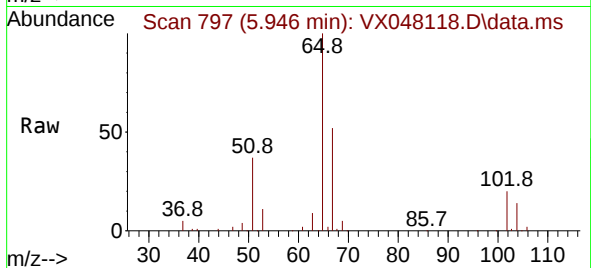
C-MW-3DL

Tgt Ion: 65 Resp: 111045

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

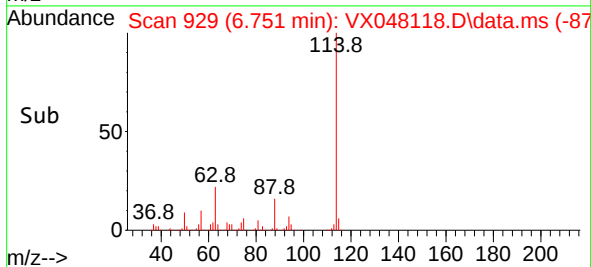
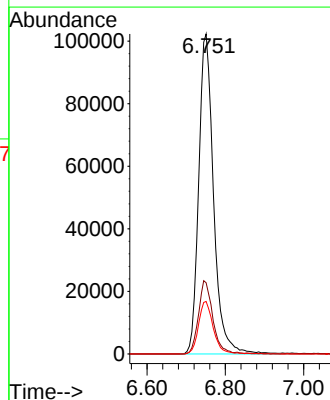
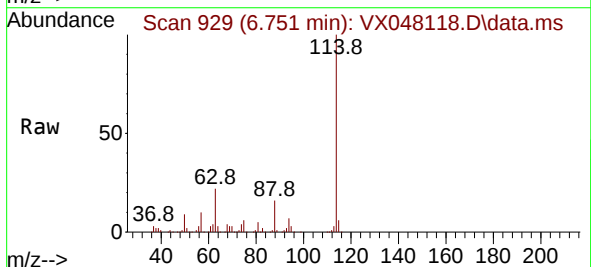
Tgt Ion: 114 Resp: 269905

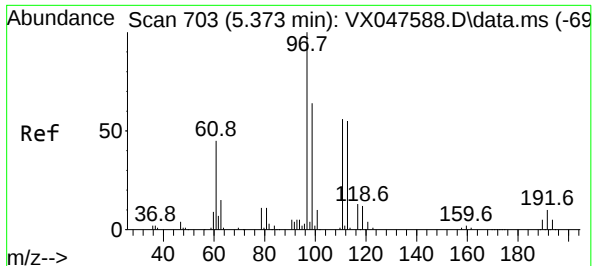
Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.0

88 16.4 0.0 34.2





#35

Dibromofluoromethane

Concen: 50.442 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

C-MW-3DL

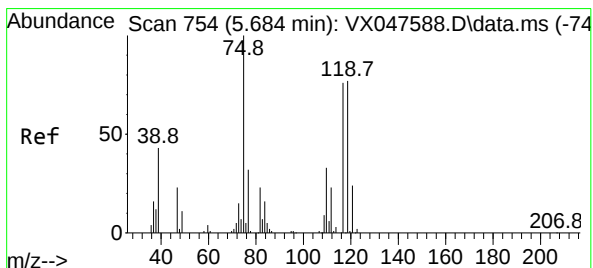
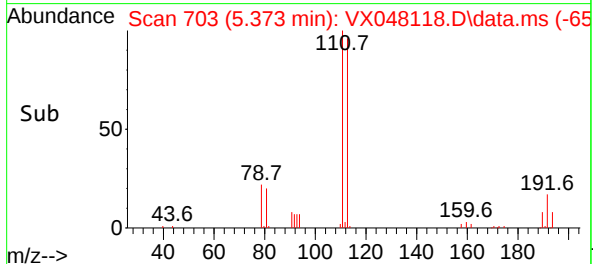
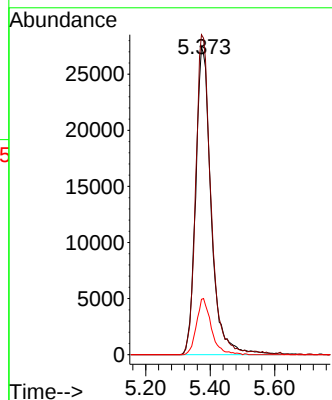
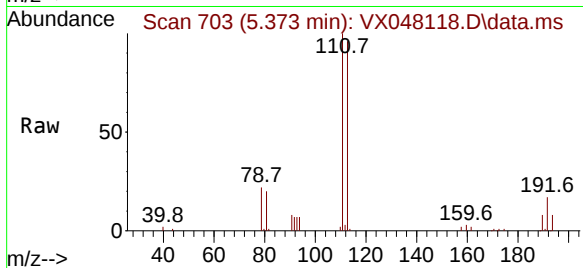
Tgt Ion:113 Resp: 91307

Ion Ratio Lower Upper

113 100

111 101.5 80.9 121.3

192 17.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.222 ug/l

RT: 5.538 min Scan# 730

Delta R.T. -0.146 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

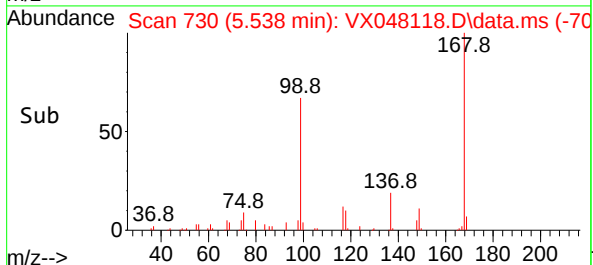
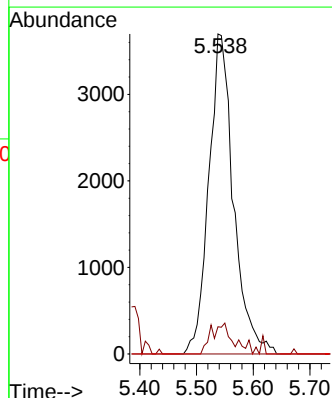
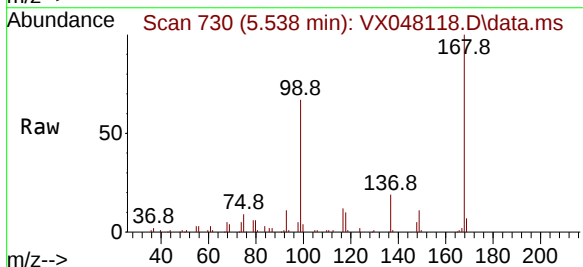
Tgt Ion: 75 Resp: 11166

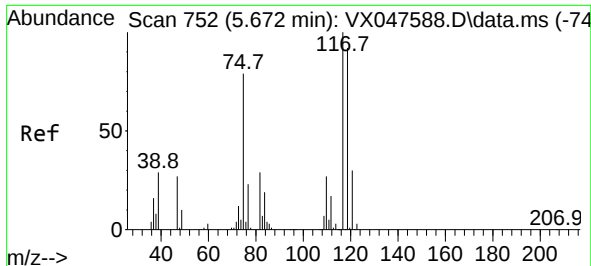
Ion Ratio Lower Upper

75 100

110 8.1 16.7 50.1#

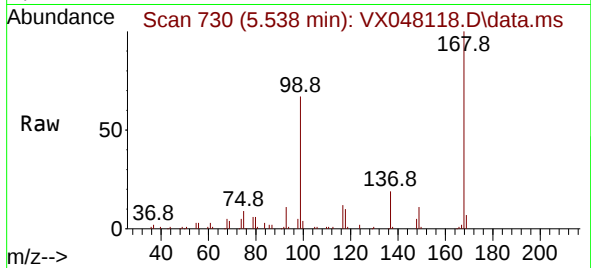
77 0.0 24.3 36.5#



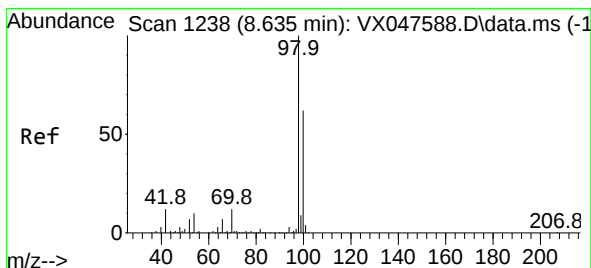
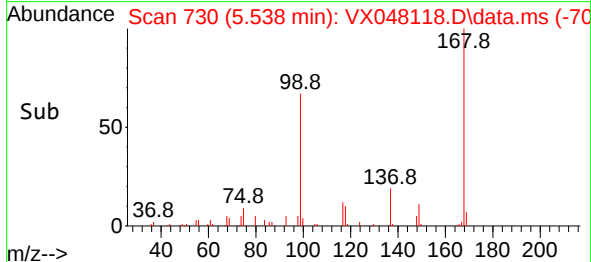
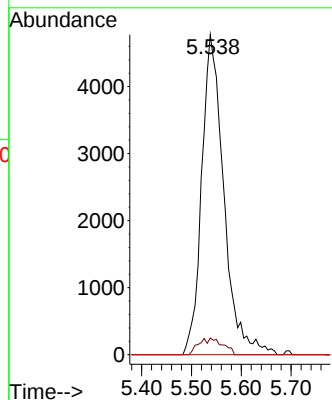


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

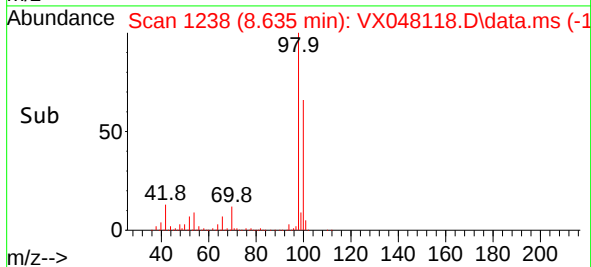
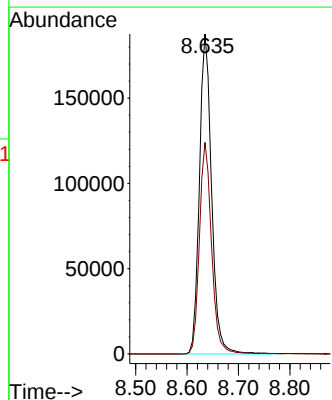
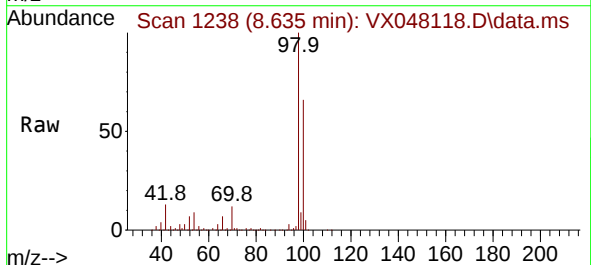


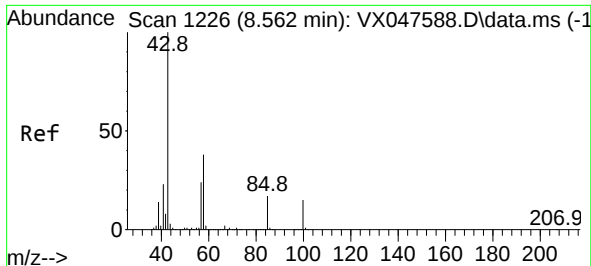
Tgt Ion:117 Resp: 14727
Ion Ratio Lower Upper
117 100
119 5.2 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.305 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 98 Resp: 308815
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

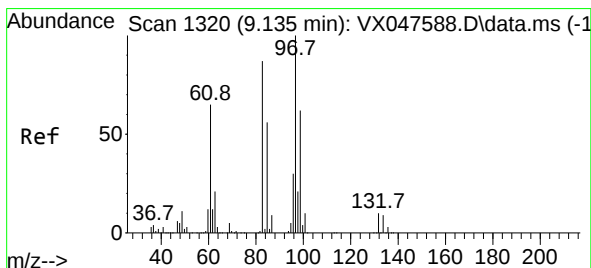
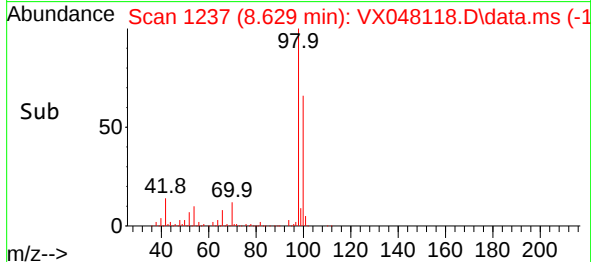
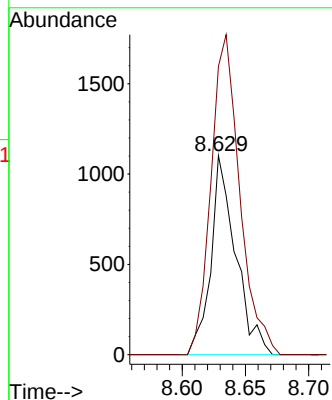
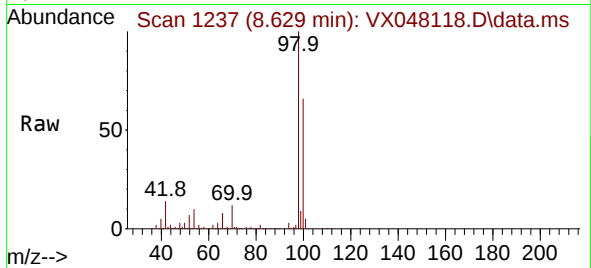




#51
4-Methyl-2-Pentanone
Concen: 0.584 ug/l
RT: 8.629 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

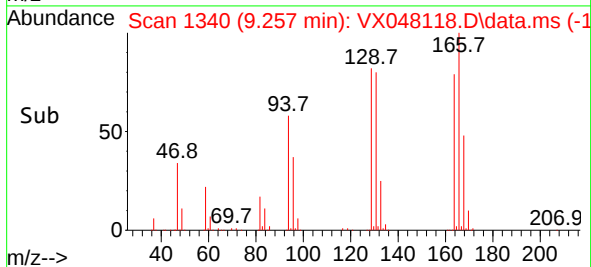
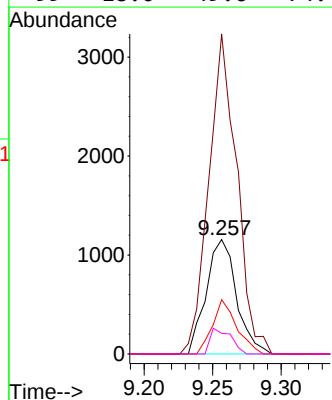
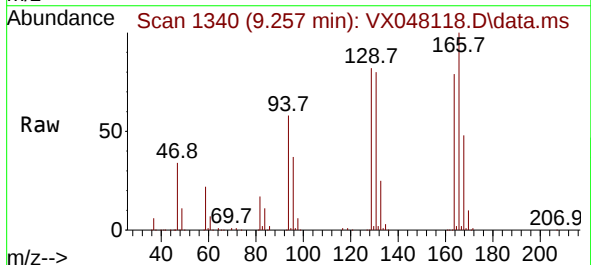
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

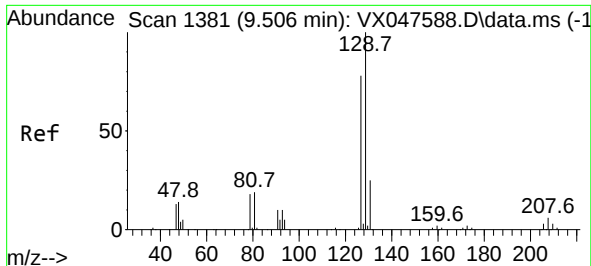
Tgt Ion: 43 Resp: 1503
Ion Ratio Lower Upper
43 100
58 186.8 30.3 45.5#



#55
1,1,2-Trichloroethane
Concen: 0.932 ug/l
RT: 9.257 min Scan# 1340
Delta R.T. 0.122 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 97 Resp: 1778
Ion Ratio Lower Upper
97 100
83 279.5 69.6 104.4#
85 47.5 45.0 67.6
99 18.0 49.6 74.4#

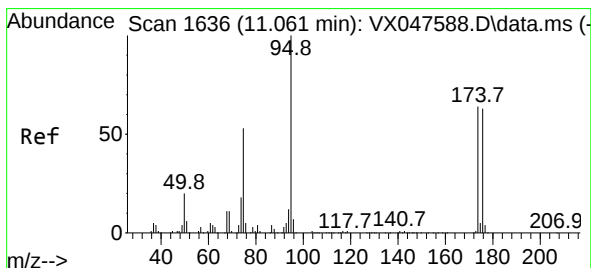
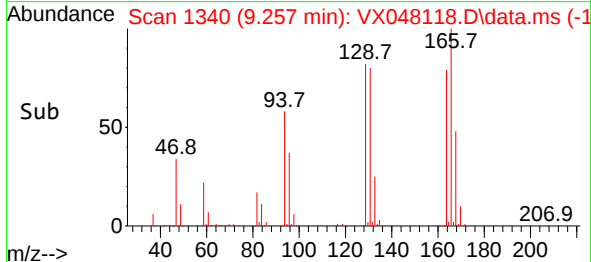
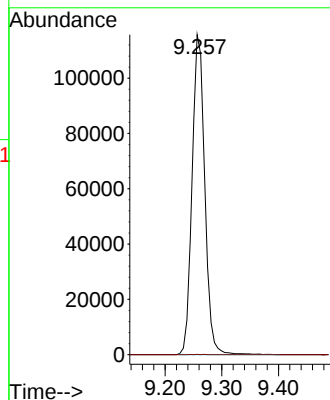
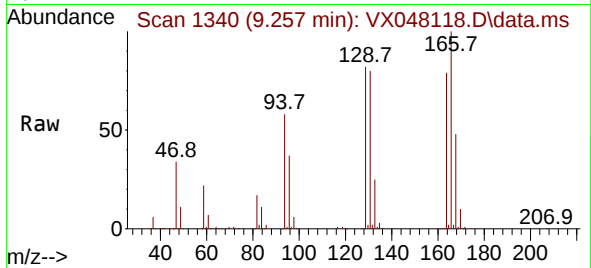




#60
Dibromochloromethane
Concen: 81.601 ug/l
RT: 9.257 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

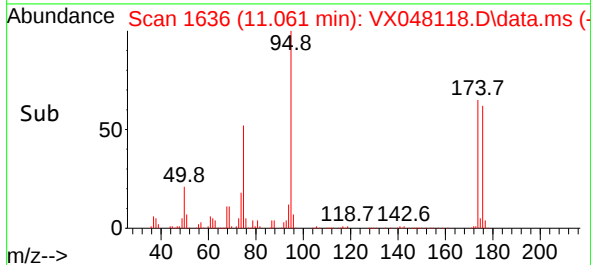
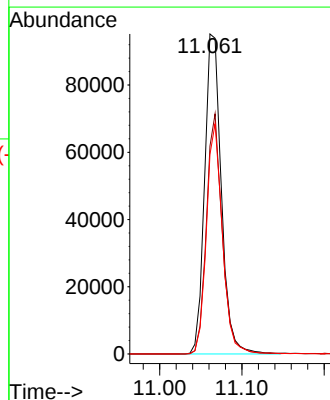
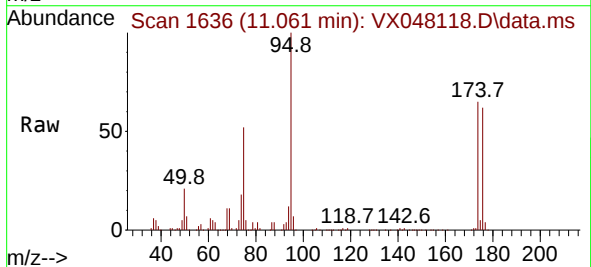
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

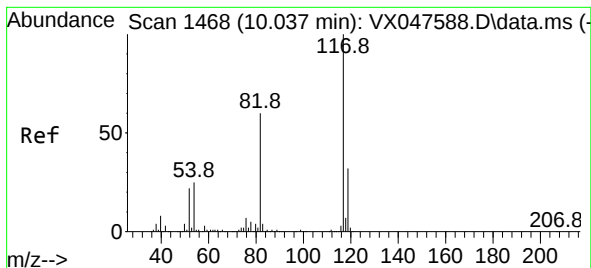
Tgt Ion:129 Resp: 179442
Ion Ratio Lower Upper
129 100
127 0.1 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 56.635 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

Tgt Ion: 95 Resp: 134626
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 68.9 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

Instrument :

MSVOA_X

ClientSampleId :

C-MW-3DL

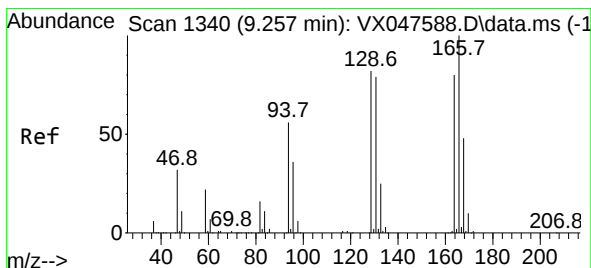
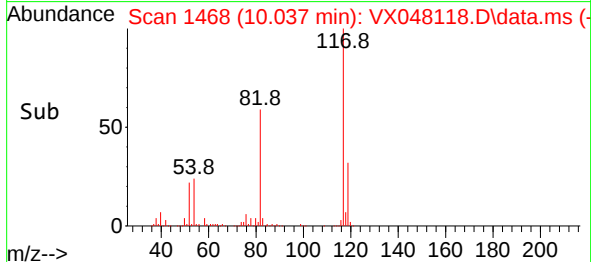
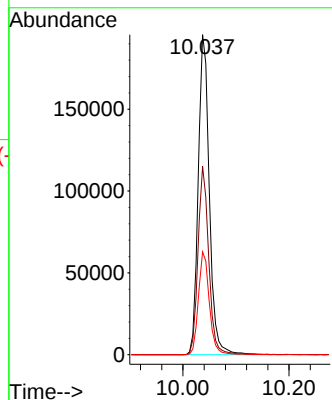
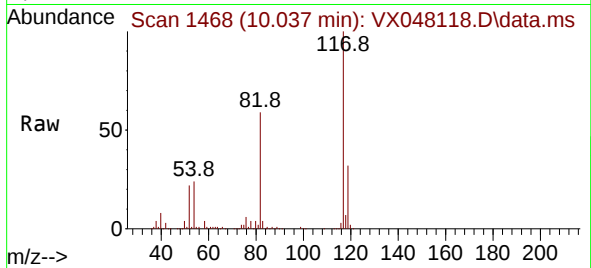
Tgt Ion:117 Resp: 284581

Ion Ratio Lower Upper

117 100

82 58.9 47.8 71.6

119 32.1 25.2 37.8



#64

Tetrachloroethene

Concen: 94.443 ug/l

RT: 9.257 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VX048118.D

Acq: 10 Oct 2025 17:16

Tgt Ion:164 Resp: 175208

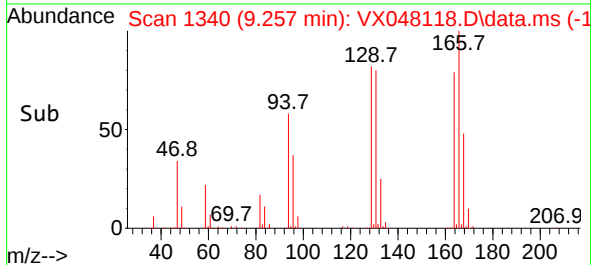
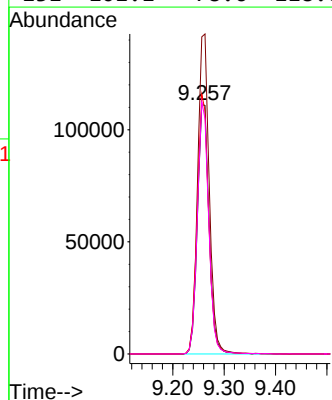
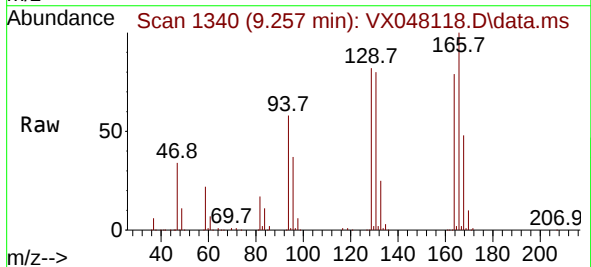
Ion Ratio Lower Upper

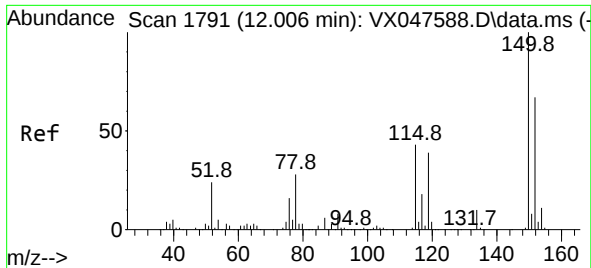
164 100

166 127.1 100.2 150.2

129 104.0 81.8 122.6

131 101.1 78.6 118.0

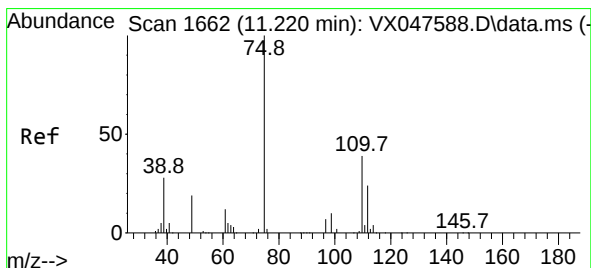
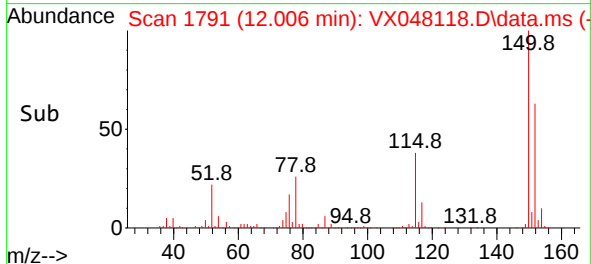
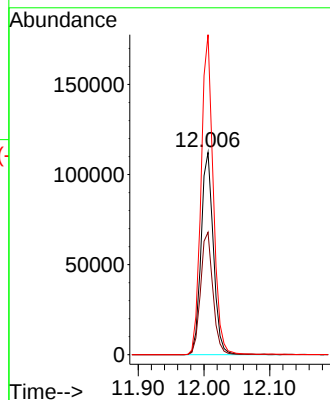
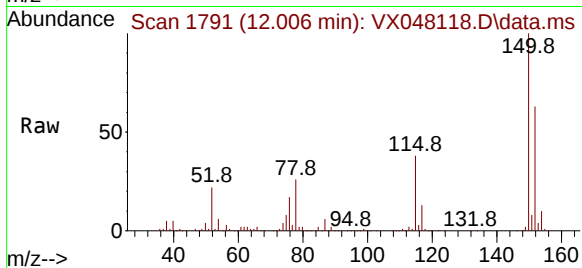




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

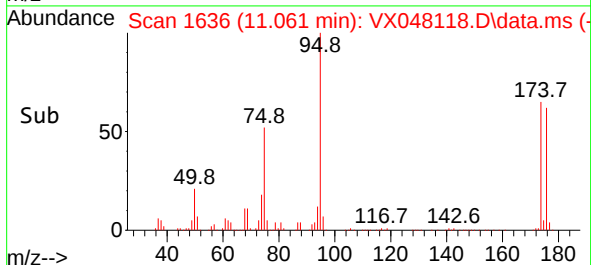
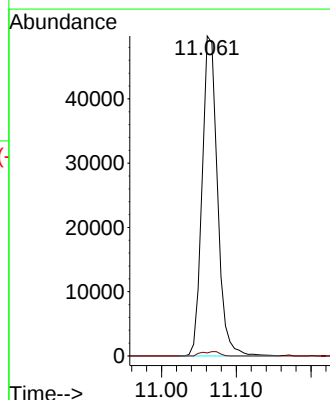
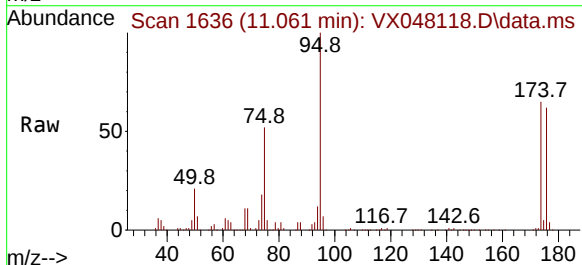
Instrument :
MSVOA_X
ClientSampleId :
C-MW-3DL

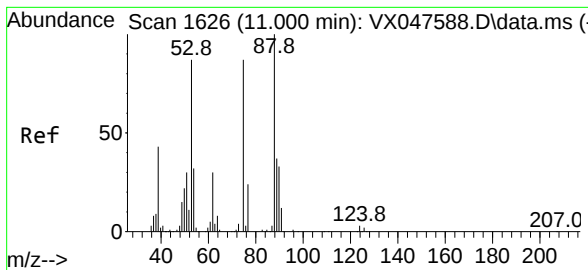
Tgt Ion:152 Resp: 145743
Ion Ratio Lower Upper
152 100
115 60.9 44.9 134.5
150 156.5 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 24.120 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.158 min
Lab File: VX048118.D
Acq: 10 Oct 2025 17:16

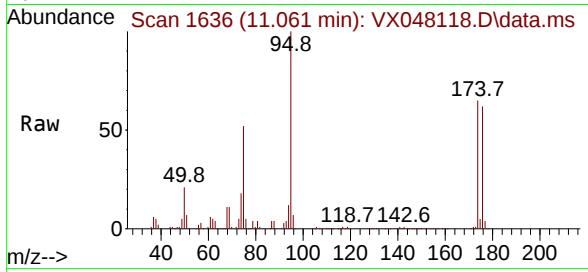
Tgt Ion: 75 Resp: 71175
Ion Ratio Lower Upper
75 100
77 1.6 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.510 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048118.D
 Acq: 10 Oct 2025 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 C-MW-3DL



Tgt Ion: 75 Resp: 71175
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.0 36.3 54.5#

