

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048121.D
 Acq On : 10 Oct 2025 18:18
 Operator : JC/MD
 Sample : Q3311-13 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215D

Quant Time: Oct 10 23:53:49 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)

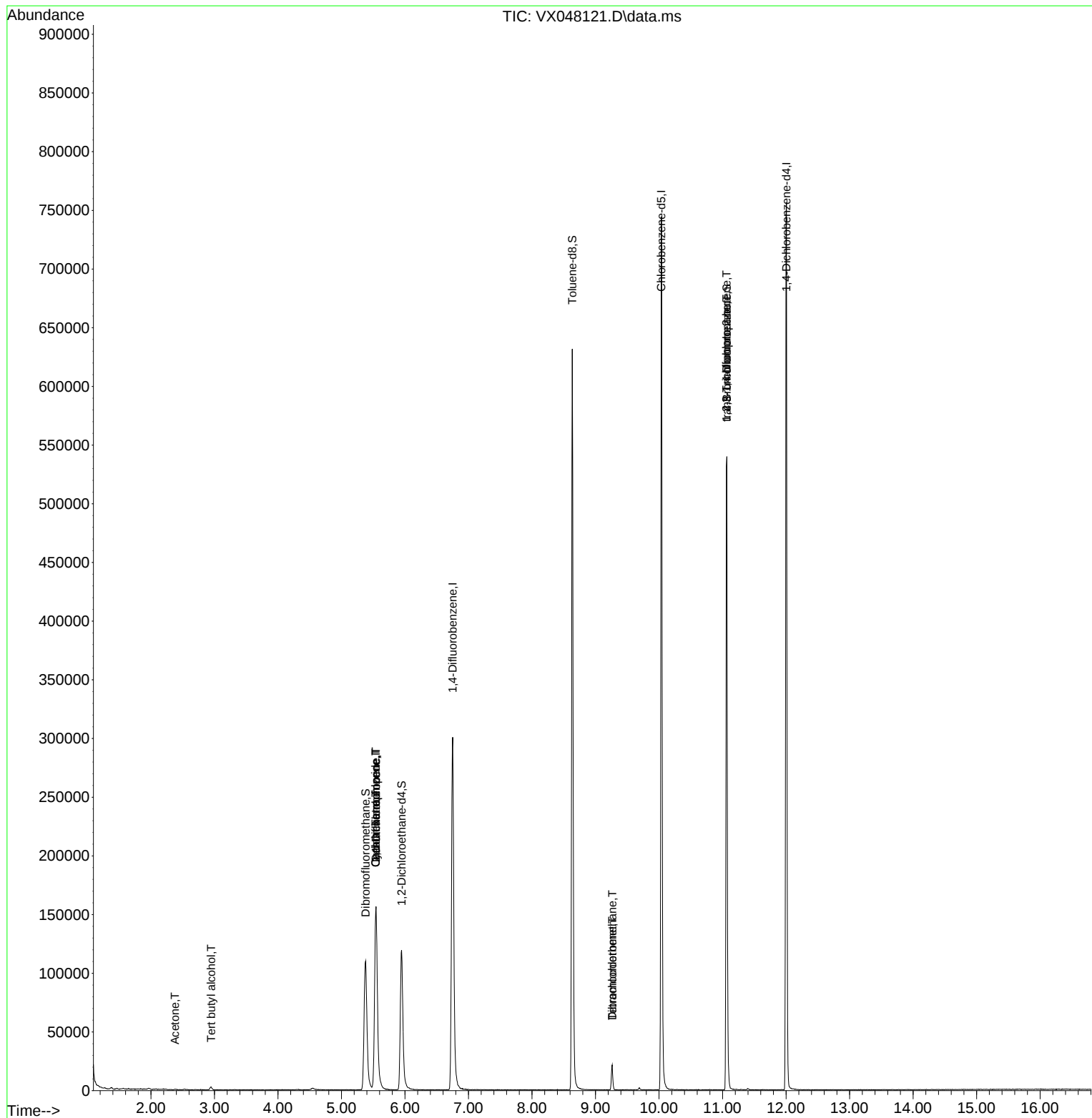
Internal Standards						
1) Pentafluorobenzene	5.544	168	156429	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	323973	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	329728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	158206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	127898	51.366	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.740%
35) Dibromofluoromethane	5.379	113	107990	49.702	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.635	98	375661	49.967	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.940%
62) 4-Bromofluorobenzene	11.067	95	157264	55.117	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1390	5.012	ug/l #	72
16) Acetone	2.380	43	281	0.260	ug/l #	84
31) Cyclohexane	5.538	56	3545	1.077	ug/l #	25
36) 1,1-Dichloropropene	5.544	75	13288	4.185	ug/l #	51
38) Carbon Tetrachloride	5.538	117	17056	4.944	ug/l #	19
60) Dibromochloromethane	9.262	129	4188	1.587	ug/l #	11
64) Tetrachloroethene	9.262	164	4243	1.974	ug/l	97
76) 1,2,3-Trichloropropane	11.061	75	83986	26.220	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.061	75	83986	66.864	ug/l #	8

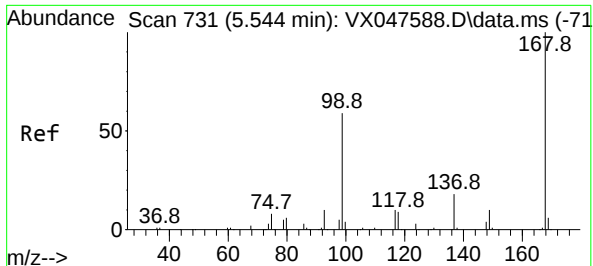
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
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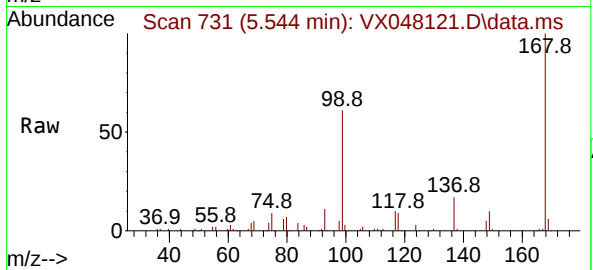
Quant Time: Oct 10 23:53:49 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
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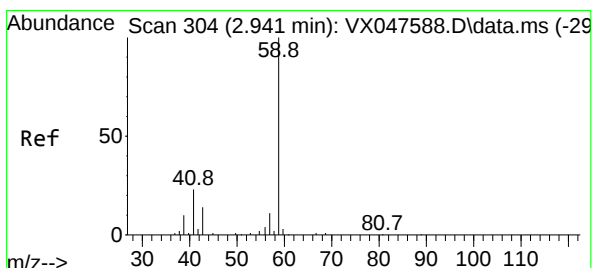
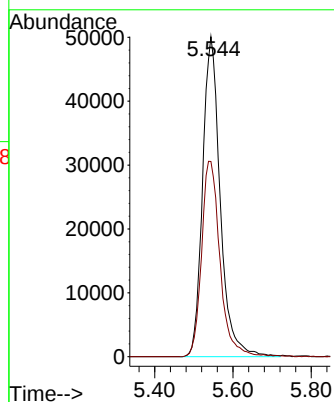
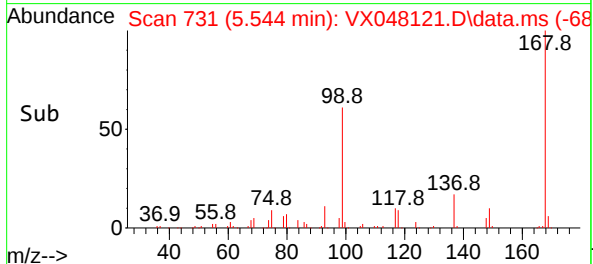


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-215D

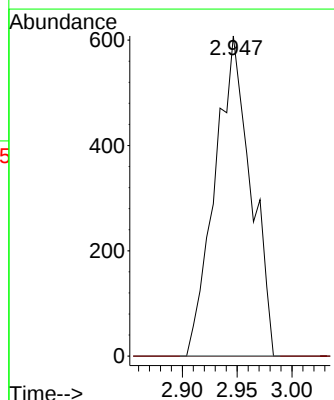
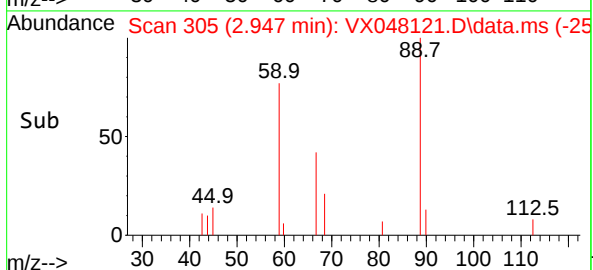
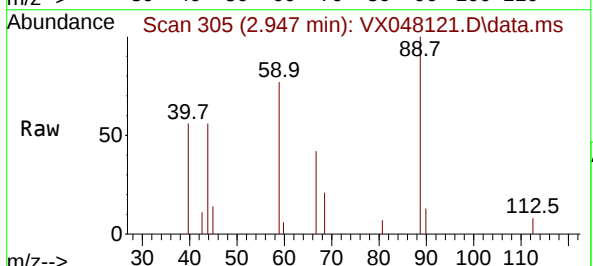


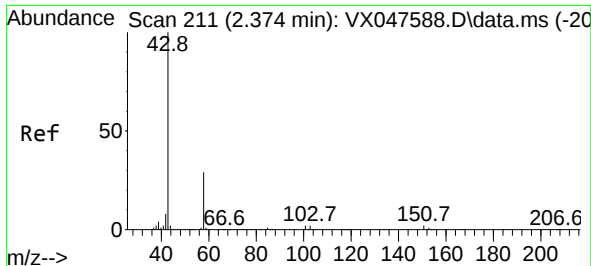
Tgt Ion:168 Resp: 156429
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2



#11
Tert butyl alcohol
Concen: 5.012 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 59 Resp: 1390
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

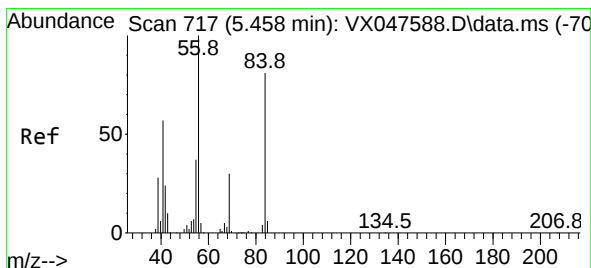
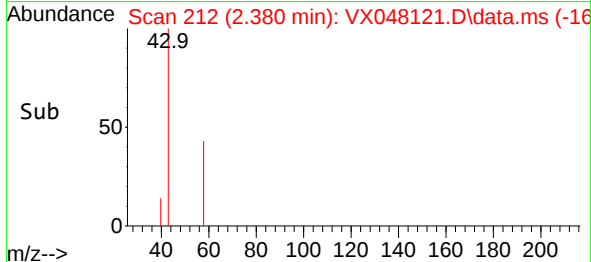
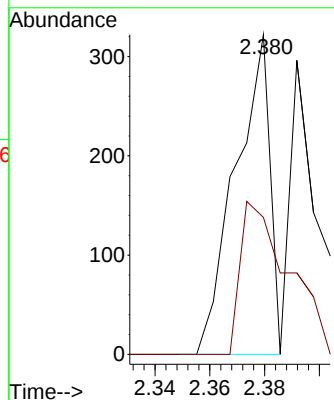
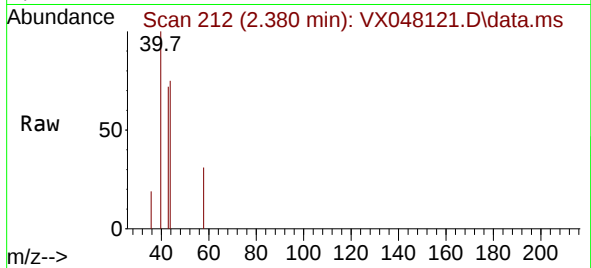




#16
Acetone
Concen: 0.260 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

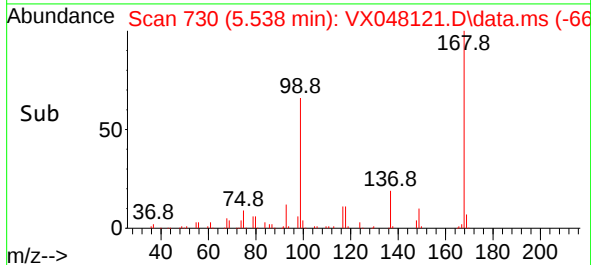
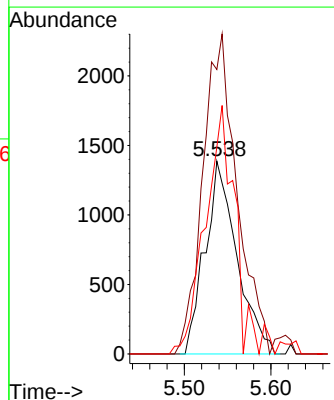
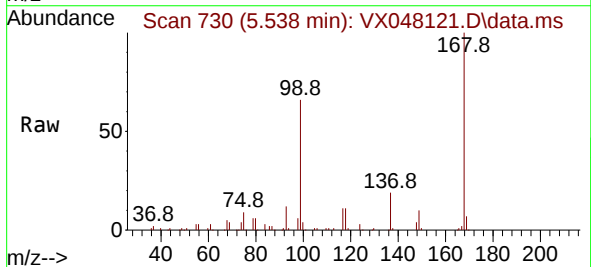
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

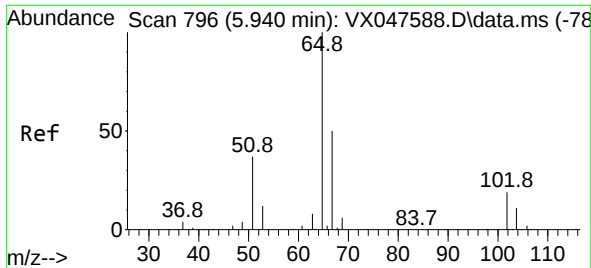
Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
58 20.9 23.4 35.0#



#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.079 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 56 Resp: 3545
Ion Ratio Lower Upper
56 100
69 142.5 23.8 35.8#
84 103.1 64.6 97.0#





#33

1,2-Dichloroethane-d4

Concen: 51.366 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048121.D

Acq: 10 Oct 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

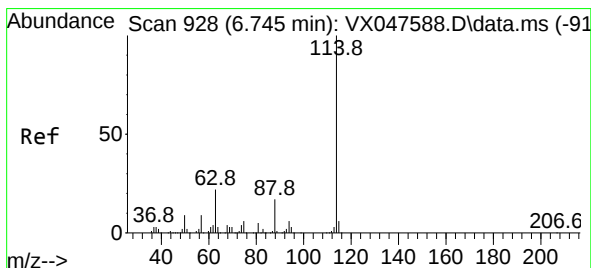
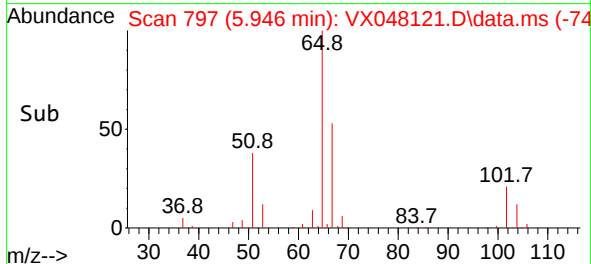
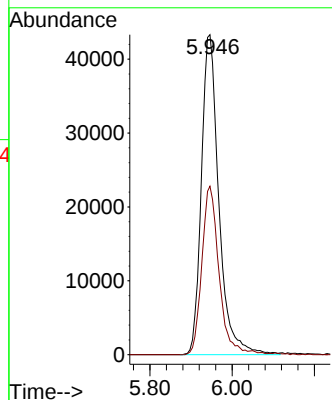
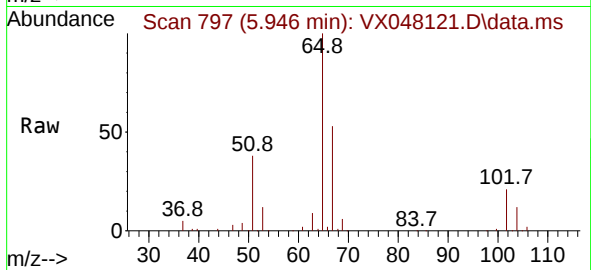
MW-215D

Tgt Ion: 65 Resp: 127898

Ion Ratio Lower Upper

65 100

67 51.8 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: VX048121.D

Acq: 10 Oct 2025 18:18

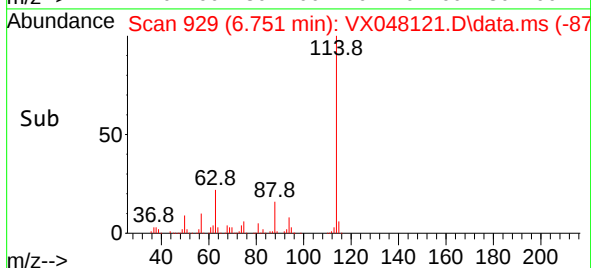
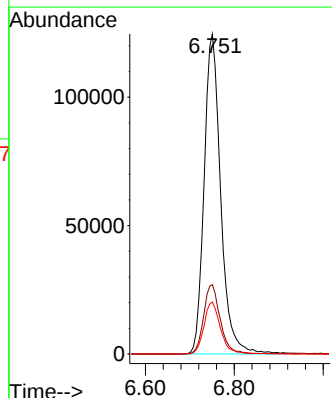
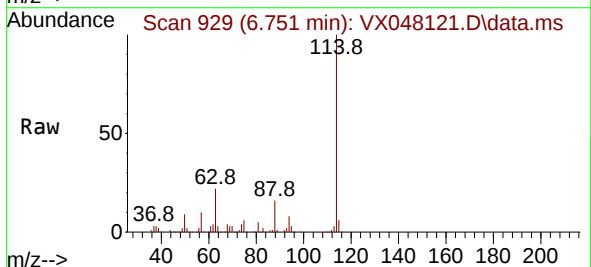
Tgt Ion: 114 Resp: 323973

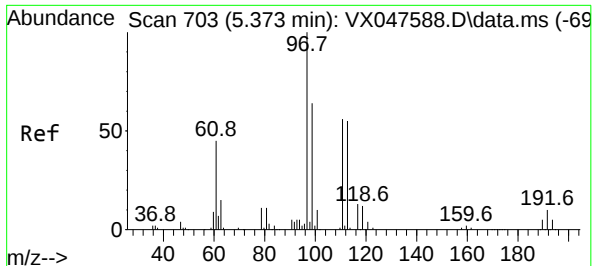
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.0

88 16.2 0.0 34.2

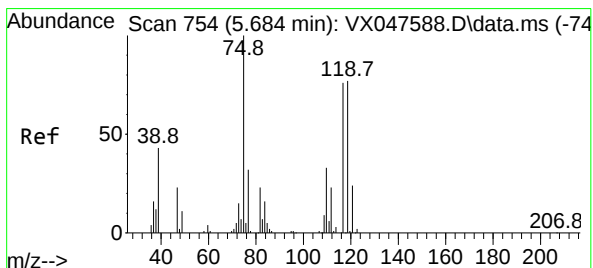
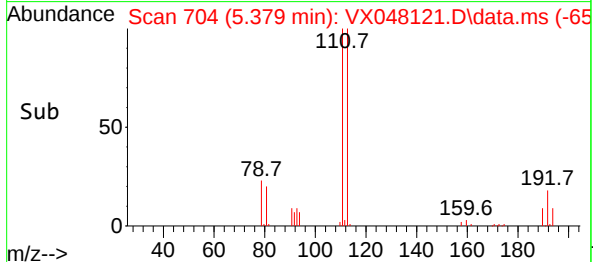
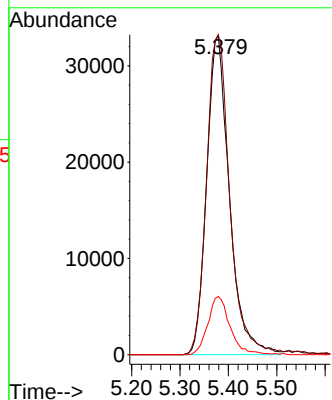
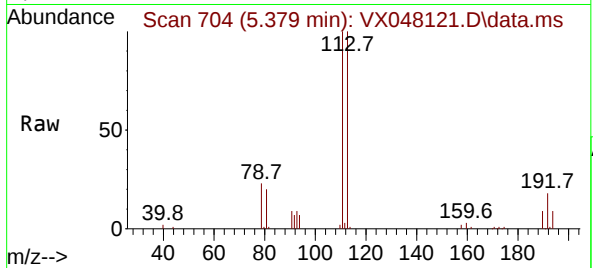




#35
Dibromofluoromethane
Concen: 49.702 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

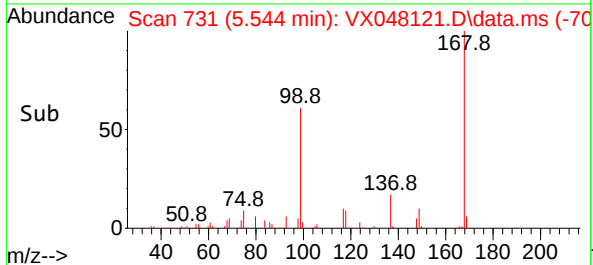
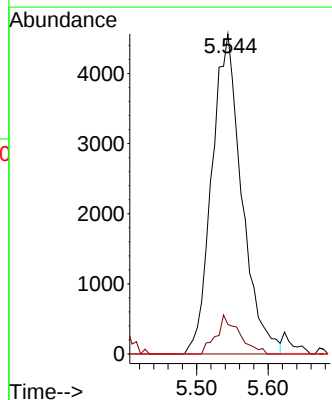
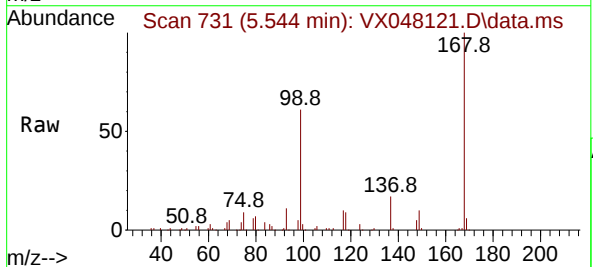
Instrument :
MSVOA_X
ClientSampleId :
MW-215D

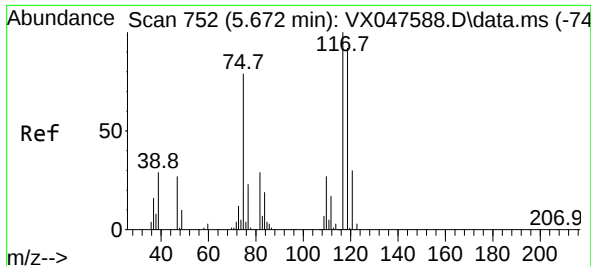
Tgt Ion:113 Resp: 107990
Ion Ratio Lower Upper
113 100
111 102.8 80.9 121.3
192 17.9 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.185 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 75 Resp: 13288
Ion Ratio Lower Upper
75 100
110 9.3 16.7 50.1#
77 0.0 24.3 36.5#

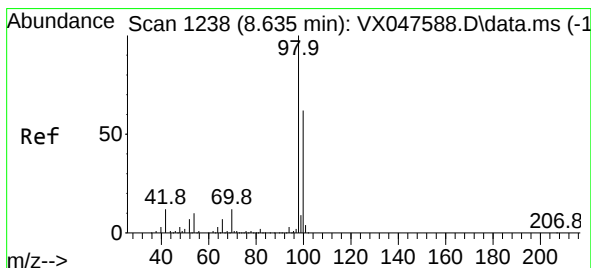
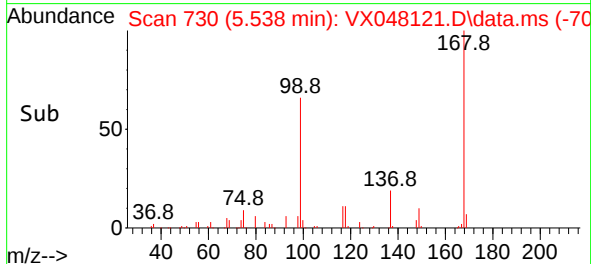
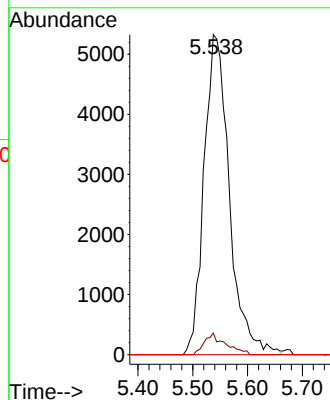
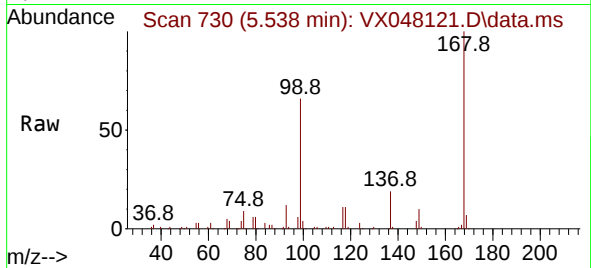




#38
Carbon Tetrachloride
Concen: 4.944 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

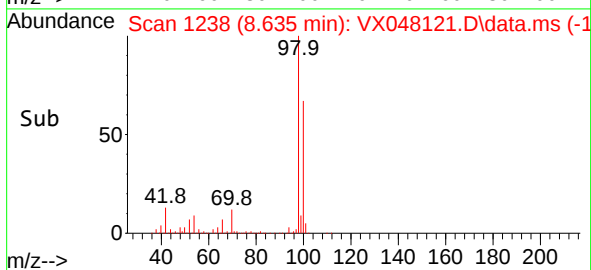
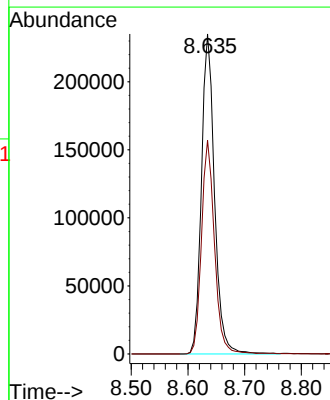
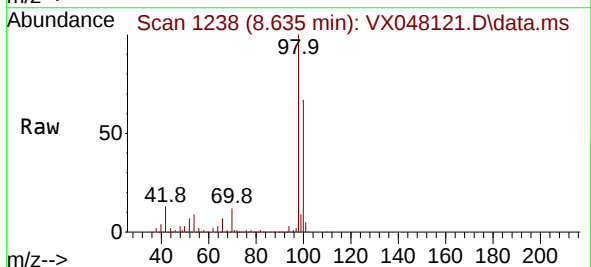
Instrument :
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ClientSampleId :
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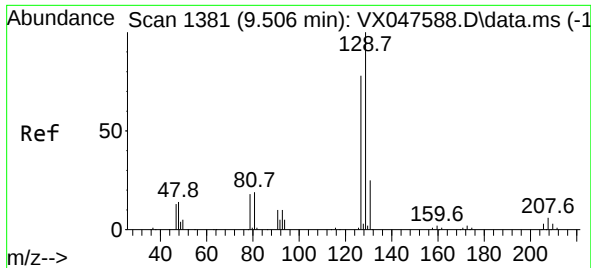
Tgt Ion:117 Resp: 17056
Ion Ratio Lower Upper
117 100
119 6.7 73.4 110.2#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.967 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 98 Resp: 375661
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4

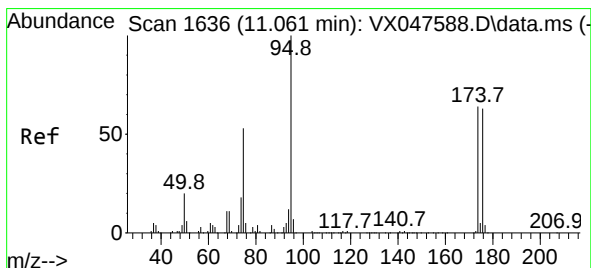
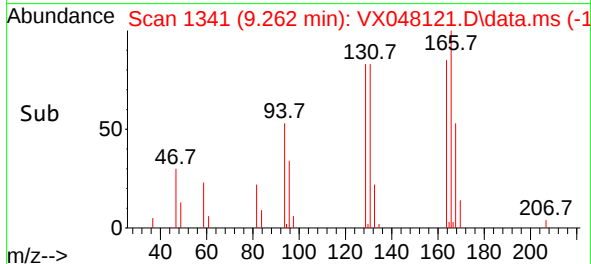
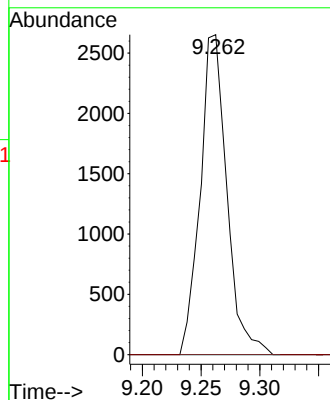
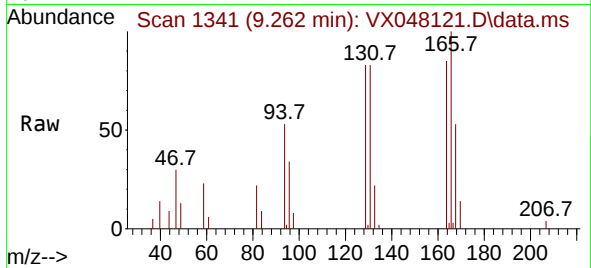




#60
Dibromochloromethane
Concen: 1.587 ug/l
RT: 9.262 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

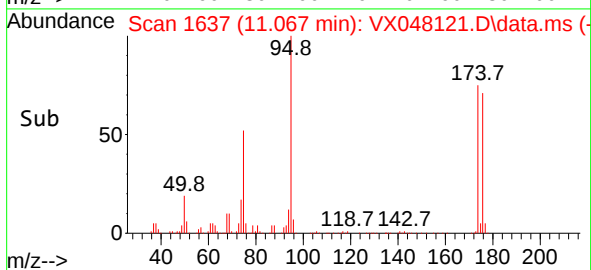
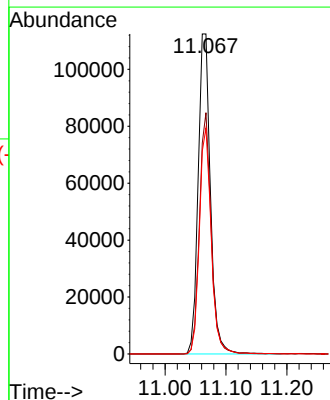
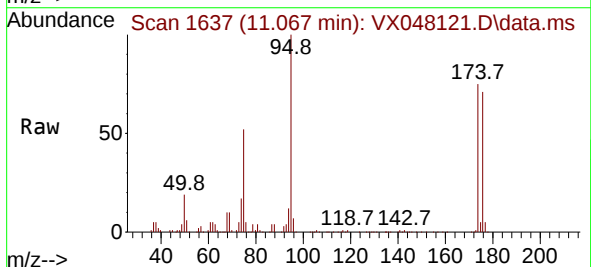
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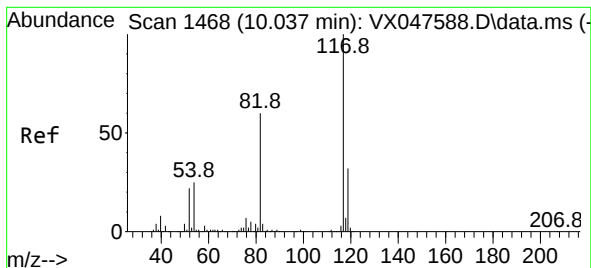
Tgt Ion:129 Resp: 4188
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 55.117 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048121.D
Acq: 10 Oct 2025 18:18

Tgt Ion: 95 Resp: 157264
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.6
176 68.3 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: VX048121.D

Acq: 10 Oct 2025 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-215D

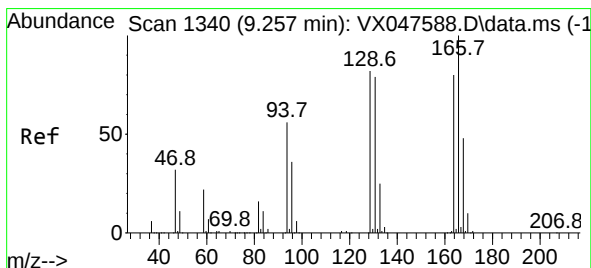
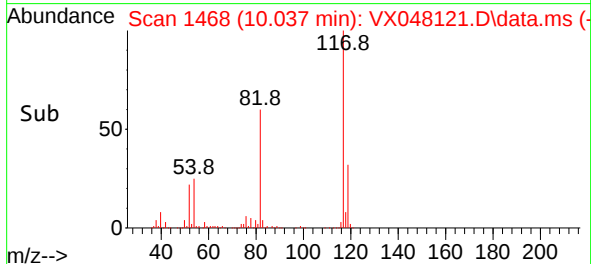
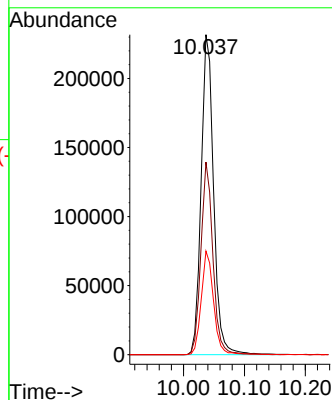
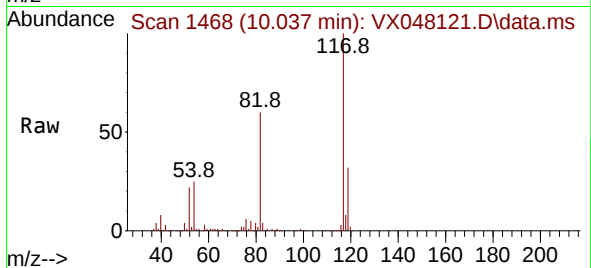
Tgt Ion:117 Resp: 329728

Ion Ratio Lower Upper

117 100

82 60.2 47.8 71.6

119 32.4 25.2 37.8



#64

Tetrachloroethene

Concen: 1.974 ug/l

RT: 9.262 min Scan# 1341

Delta R.T. 0.006 min

Lab File: VX048121.D

Acq: 10 Oct 2025 18:18

Tgt Ion:164 Resp: 4243

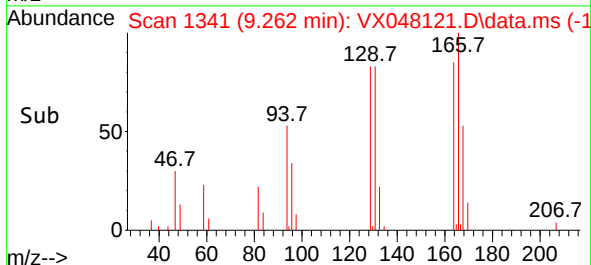
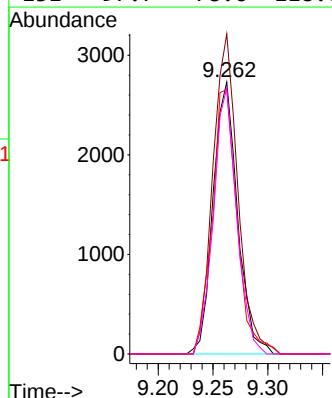
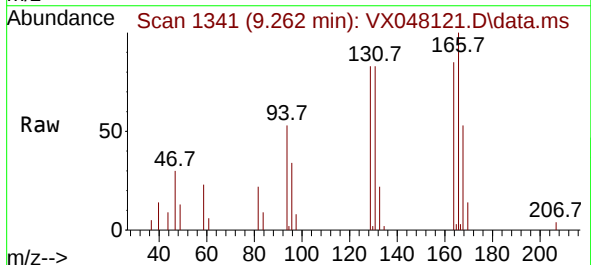
Ion Ratio Lower Upper

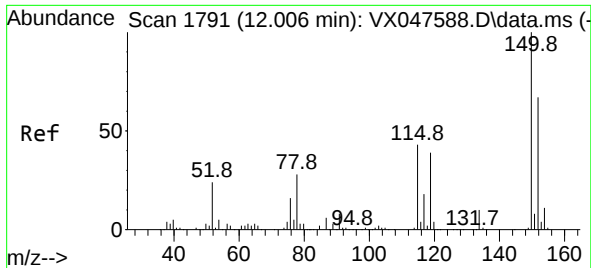
164 100

166 120.8 100.2 150.2

129 97.1 81.8 122.6

131 97.7 78.6 118.0

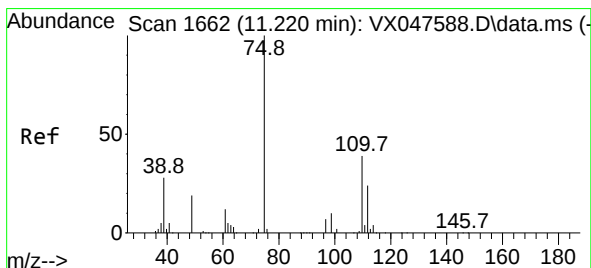
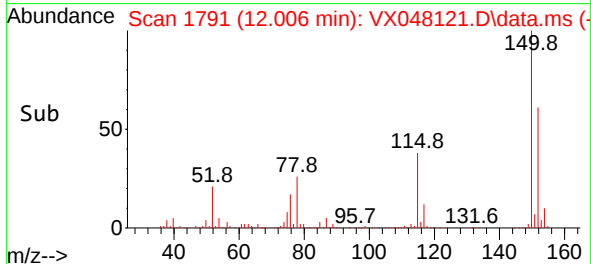
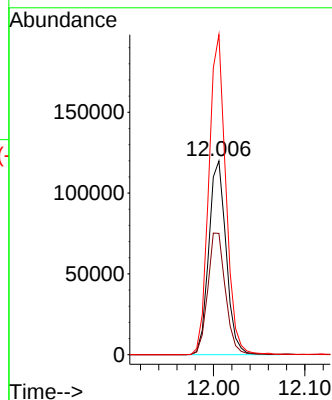
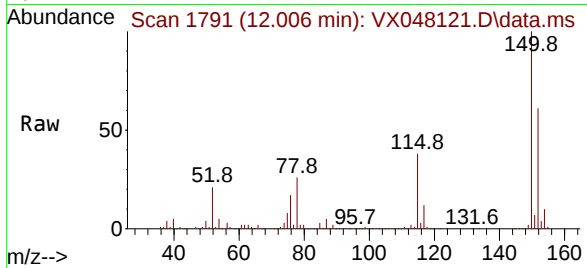




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX048121.D
 Acq: 10 Oct 2025 18:18

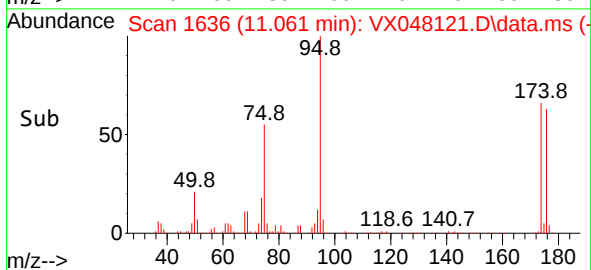
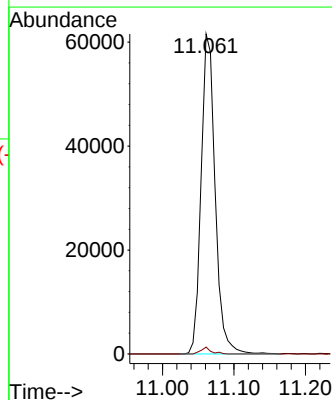
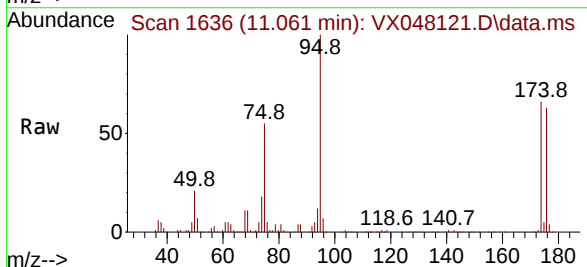
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215D

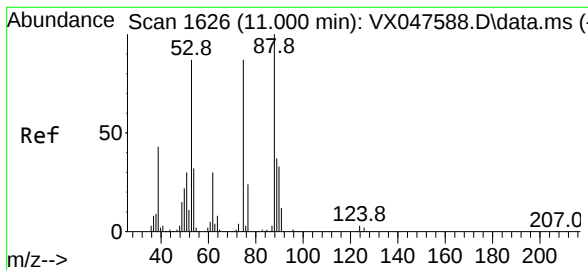
Tgt Ion:152 Resp: 158206
 Ion Ratio Lower Upper
 152 100
 115 64.0 44.9 134.5
 150 161.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 26.220 ug/l
 RT: 11.061 min Scan# 1636
 Delta R.T. -0.159 min
 Lab File: VX048121.D
 Acq: 10 Oct 2025 18:18

Tgt Ion: 75 Resp: 83986
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.8 56.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.864 ug/l
 RT: 11.061 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX048121.D
 Acq: 10 Oct 2025 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-215D

Tgt Ion: 75 Resp: 83986
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.4 125.2#
 89 0.0 36.3 54.5#

