

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101425\
 Data File : VX048170.D
 Acq On : 14 Oct 2025 16:35
 Operator : JC/MD
 Sample : Q3345-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TANK-FARM-WATER

Quant Time: Oct 15 02:48:33 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	5.543	168	126748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	267515	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	286383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	143164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112116	55.572	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 111.140%	
35) Dibromofluoromethane	5.373	113	92178	51.378	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.760%	
50) Toluene-d8	8.634	98	316070	50.914	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.820%	
62) 4-Bromofluorobenzene	11.067	95	134383	57.038	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.080%	

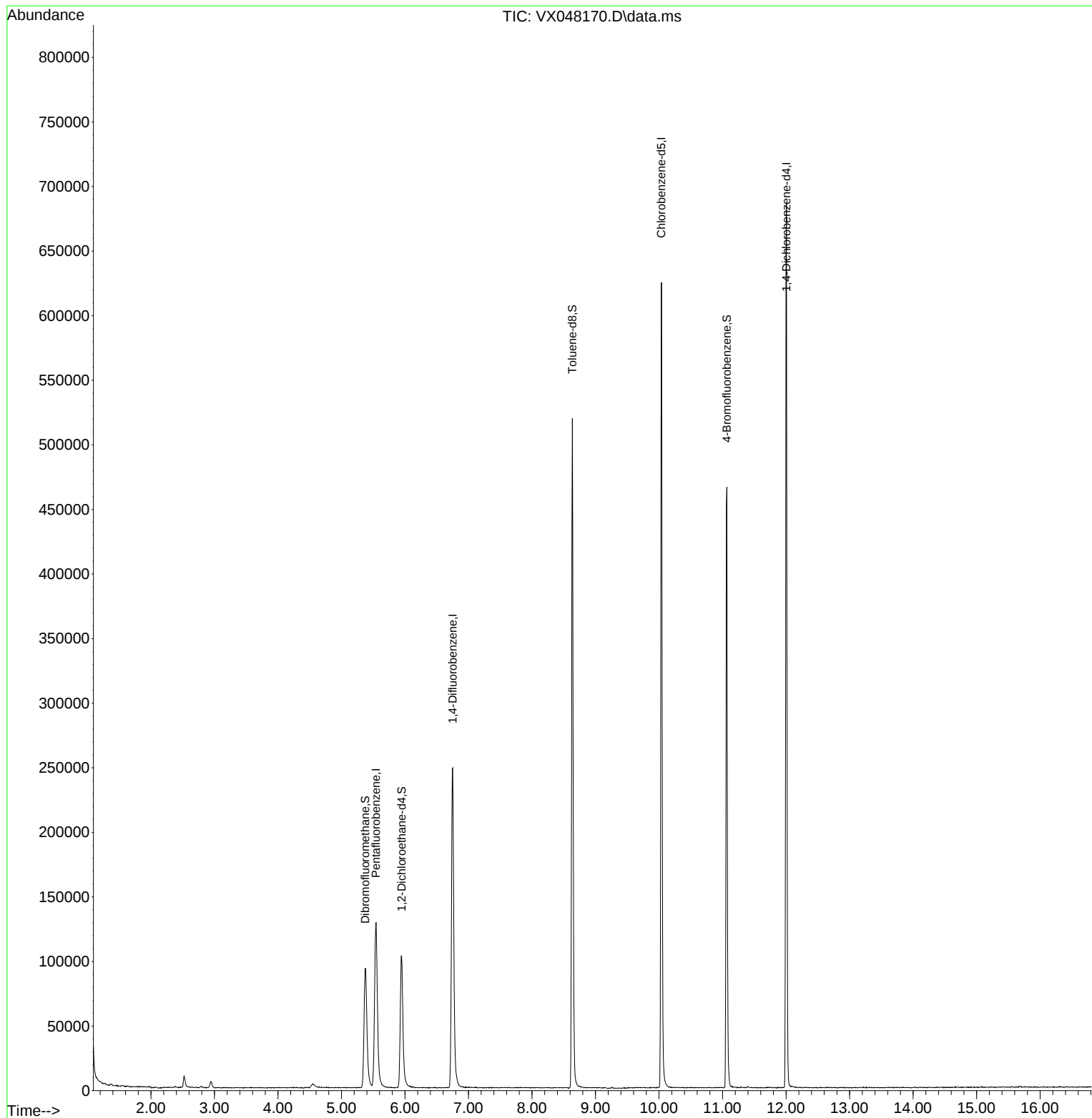
Target Compounds	Qvalue

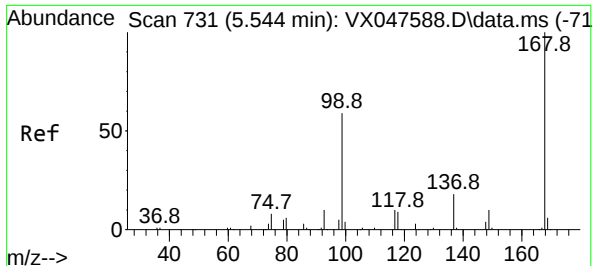
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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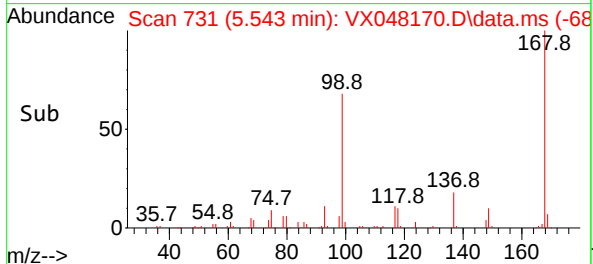
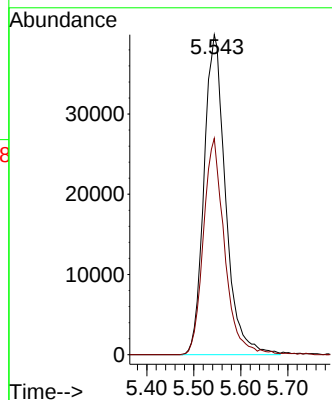
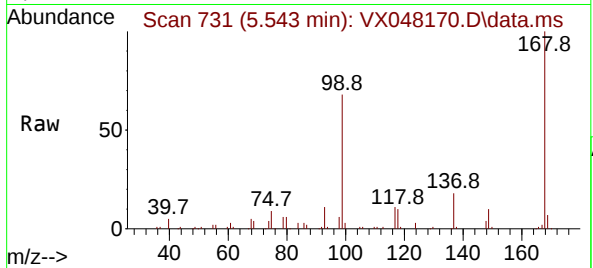




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

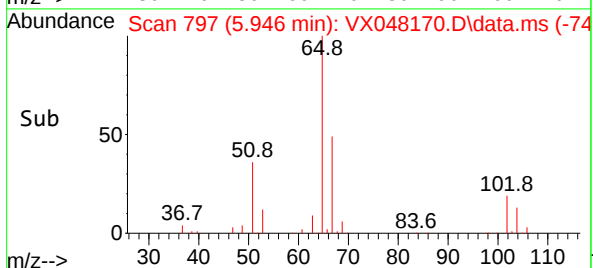
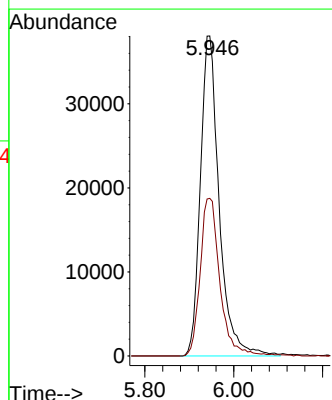
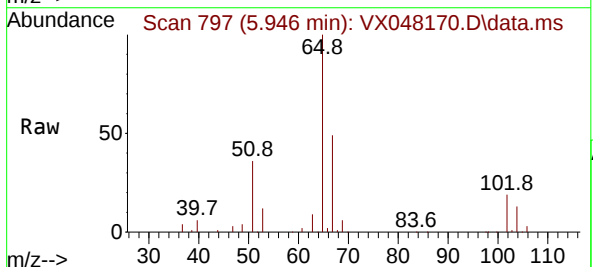
Instrument :
MSVOA_X
ClientSampleId :
TANK-FARM-WATER

Tgt Ion:168 Resp: 126748
Ion Ratio Lower Upper
168 100
99 67.6 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.572 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion: 65 Resp: 112116
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

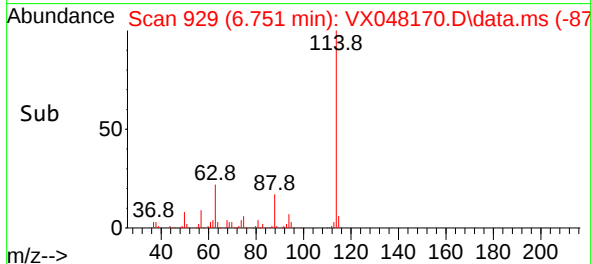
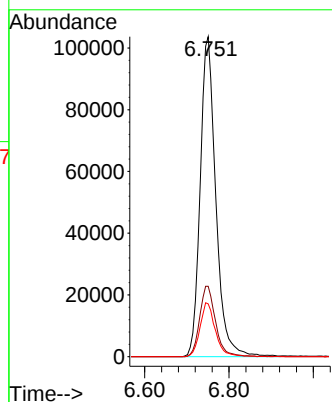
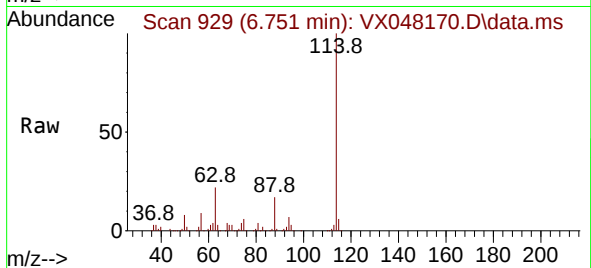




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

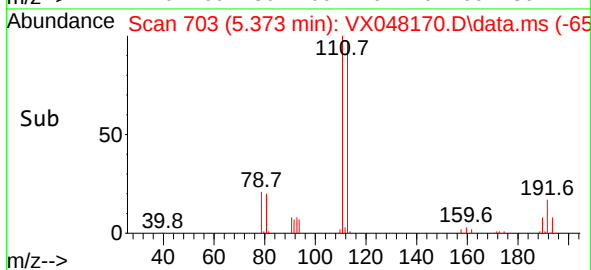
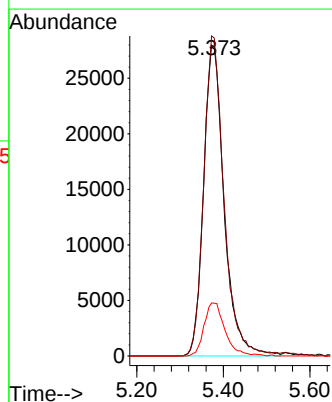
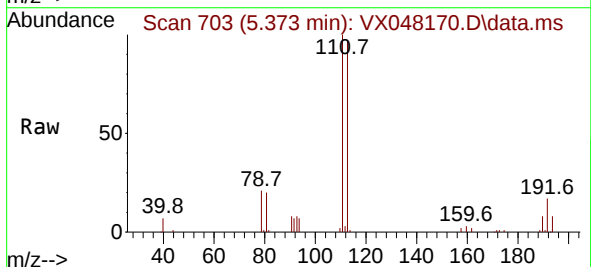
Instrument :
MSVOA_X
ClientSampleId :
TANK-FARM-WATER

Tgt Ion:114 Resp: 267515
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 51.378 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion:113 Resp: 92178
Ion Ratio Lower Upper
113 100
111 101.7 80.9 121.3
192 17.2 14.2 21.4

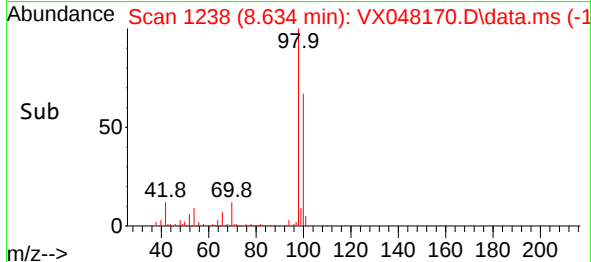
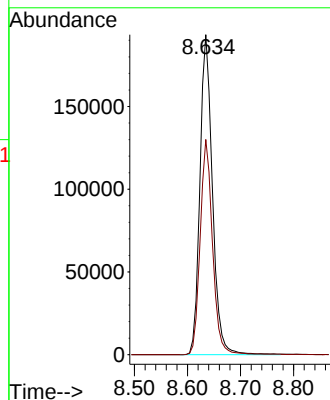
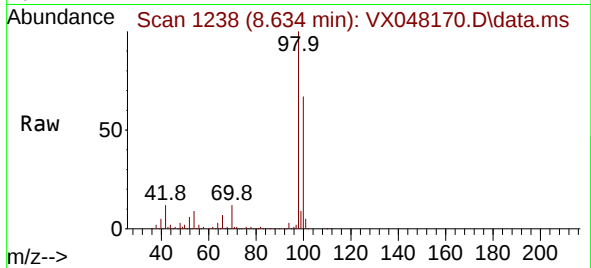




#50
Toluene-d8
Concen: 50.914 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

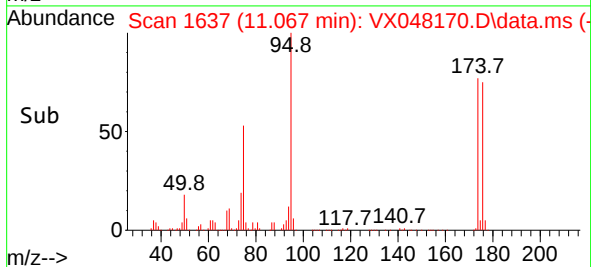
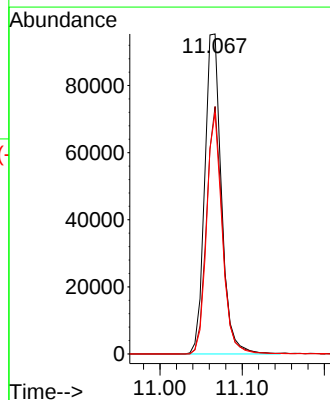
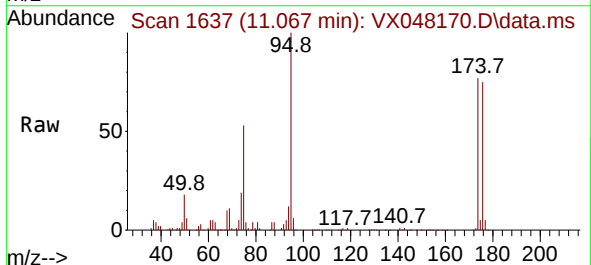
Instrument :
MSVOA_X
ClientSampleId :
TANK-FARM-WATER

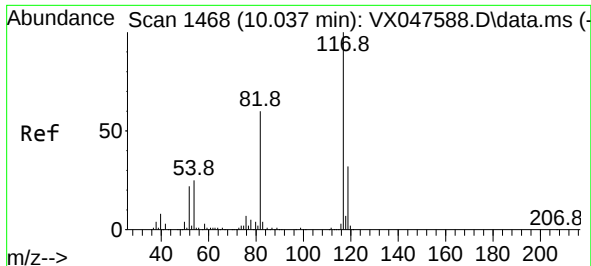
Tgt Ion: 98 Resp: 316070
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.038 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion: 95 Resp: 134383
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 70.4 0.0 138.4

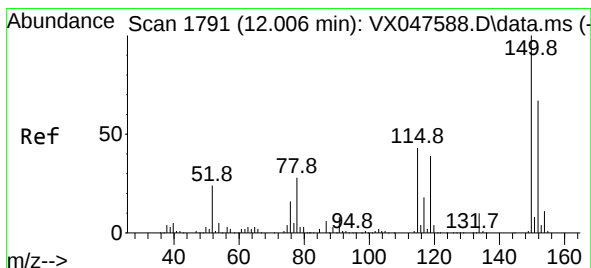
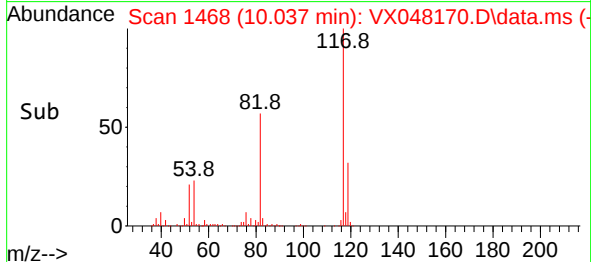
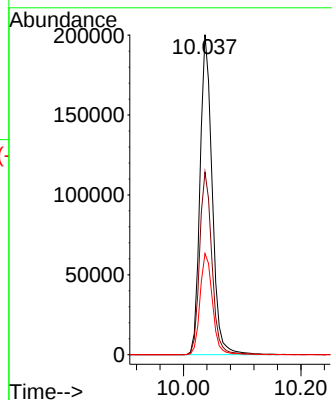
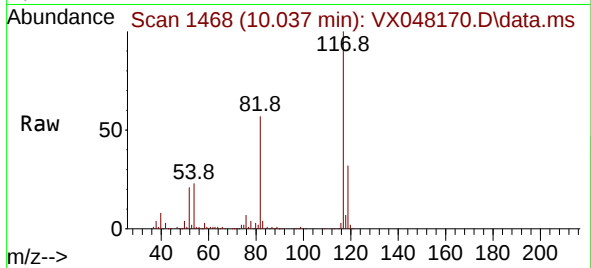




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Instrument :
MSVOA_X
ClientSampleId :
TANK-FARM-WATER

Tgt Ion:117 Resp: 286383
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048170.D
Acq: 14 Oct 2025 16:35

Tgt Ion:152 Resp: 143164
Ion Ratio Lower Upper
152 100
115 61.8 44.9 134.5
150 157.9 0.0 352.0

