

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048127.D
 Acq On : 13 Oct 2025 09:26
 Operator : JC/MD
 Sample : VX1013MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1013MBL01

Quant Time: Oct 14 01:49:33 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	5.538	168	99978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.739	114	200714	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	207212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	99485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	86898	54.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.200%
35) Dibromofluoromethane	5.367	113	74559	55.389	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.780%
50) Toluene-d8	8.629	98	250869	53.860	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	107.720%
62) 4-Bromofluorobenzene	11.061	95	104591	59.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.340%

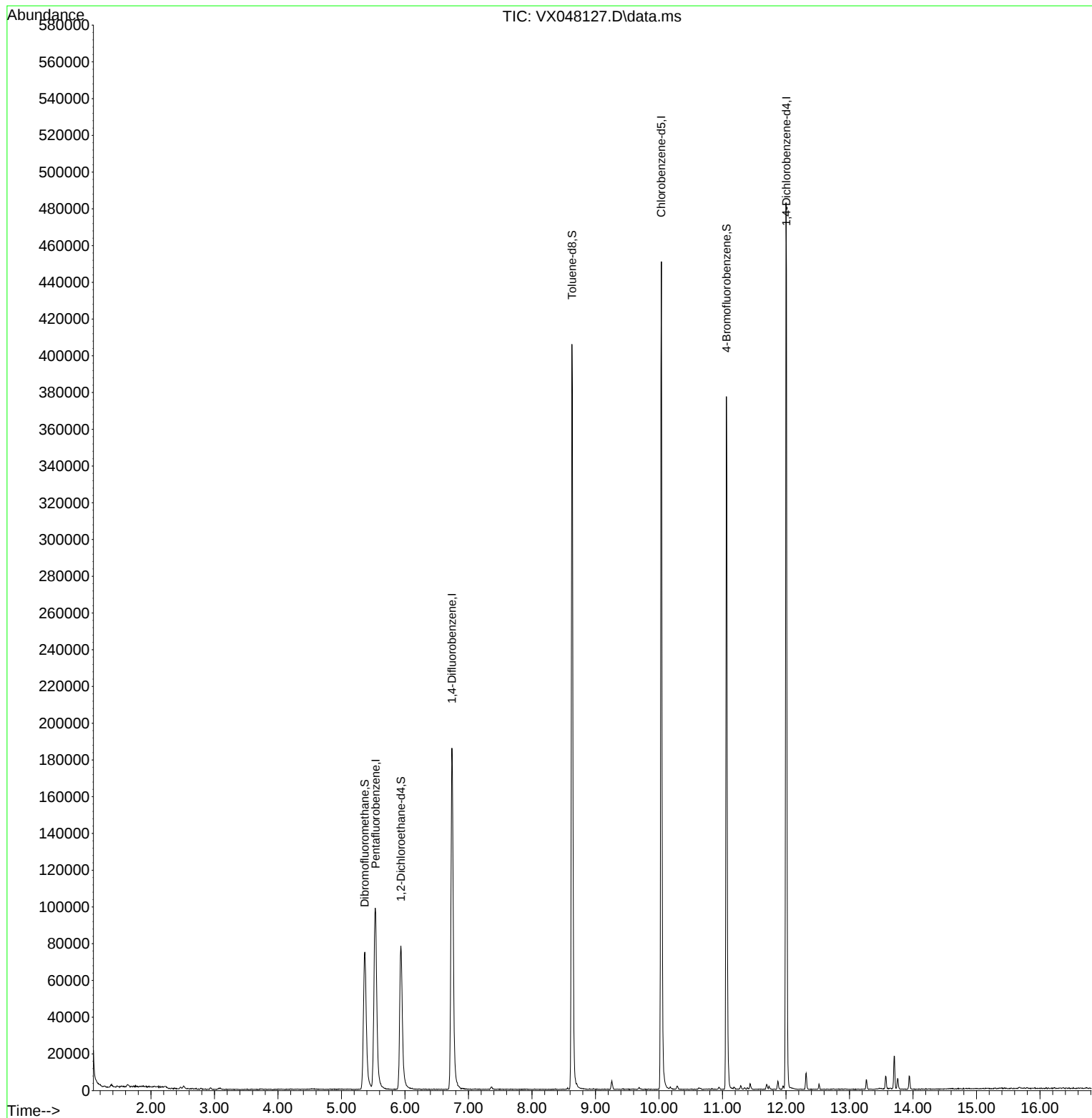
Target Compounds	Qvalue

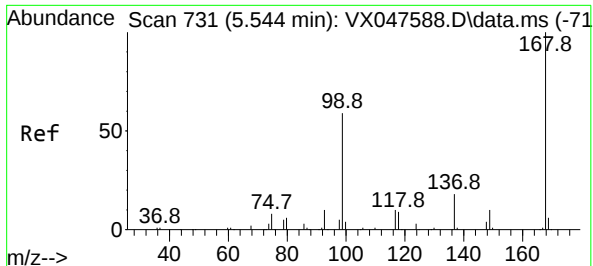
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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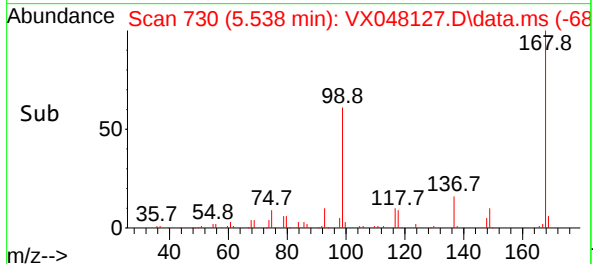
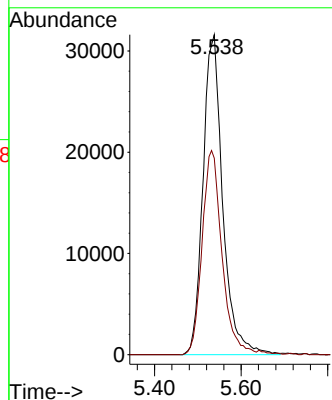
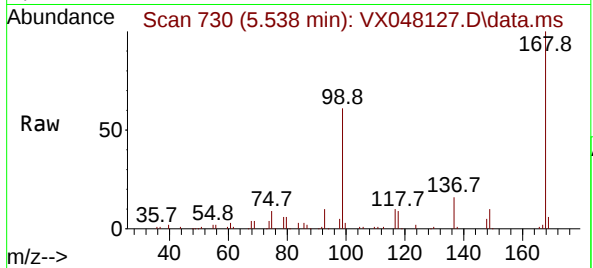




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

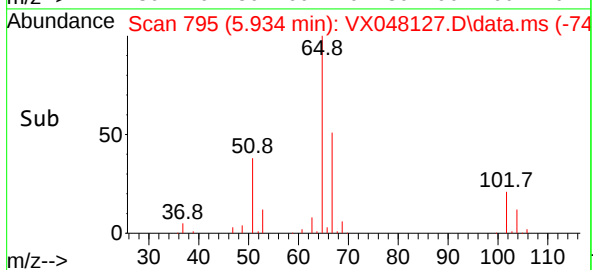
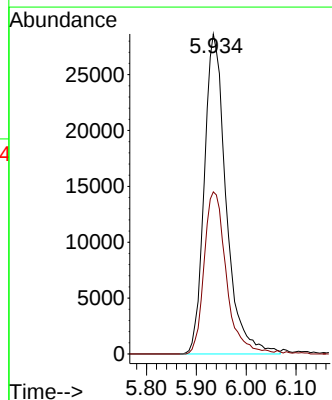
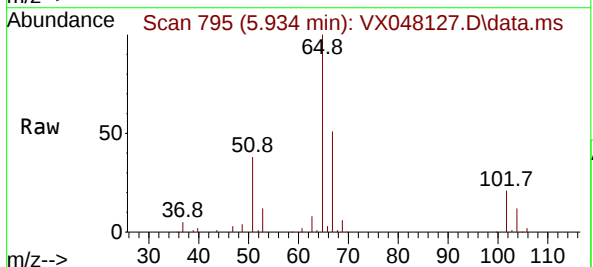
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

Tgt Ion:168 Resp: 99978
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.605 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

Tgt Ion: 65 Resp: 86898
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0

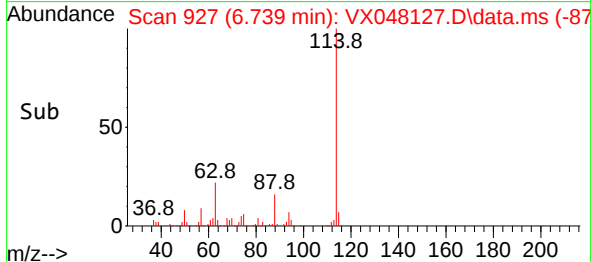
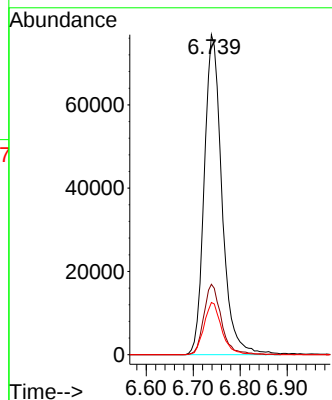
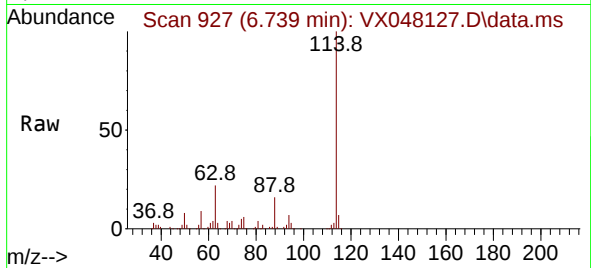




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

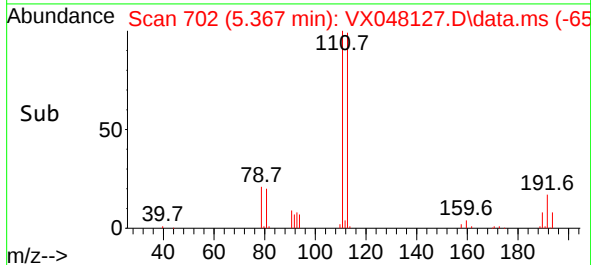
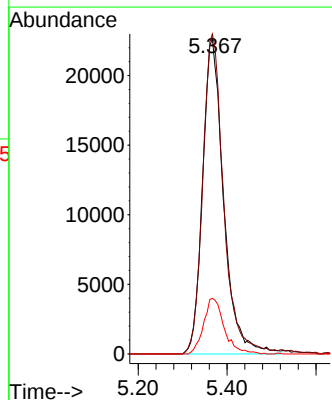
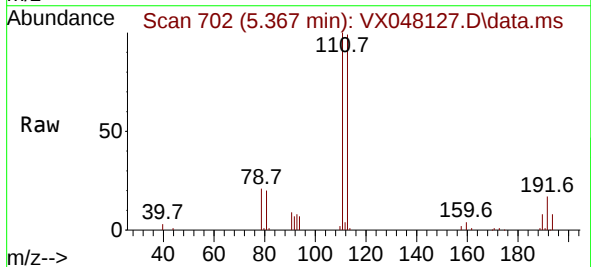
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

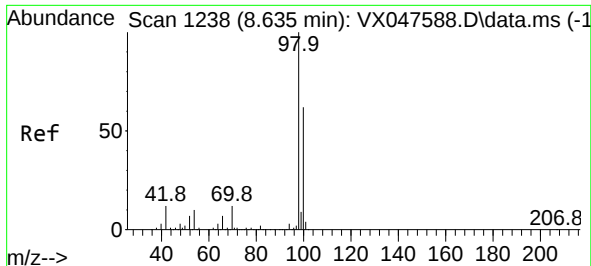
Tgt Ion:114 Resp: 200714
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.3 0.0 34.2



#35
Dibromofluoromethane
Concen: 55.389 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

Tgt Ion:113 Resp: 74559
Ion Ratio Lower Upper
113 100
111 100.7 80.9 121.3
192 17.3 14.2 21.4

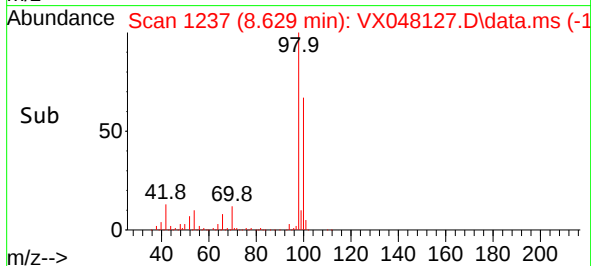
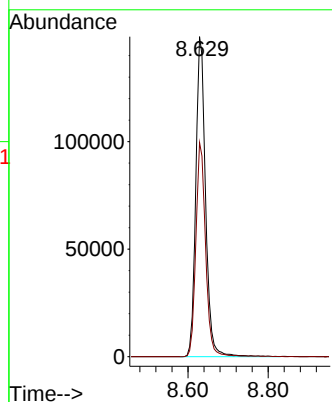
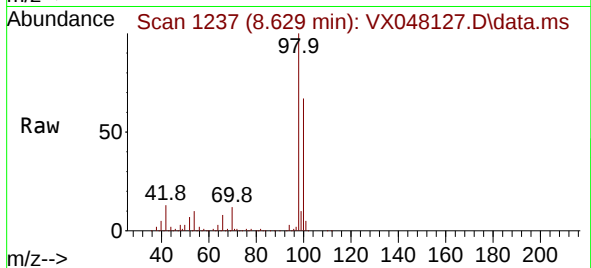




#50
Toluene-d8
Concen: 53.860 ug/l
RT: 8.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

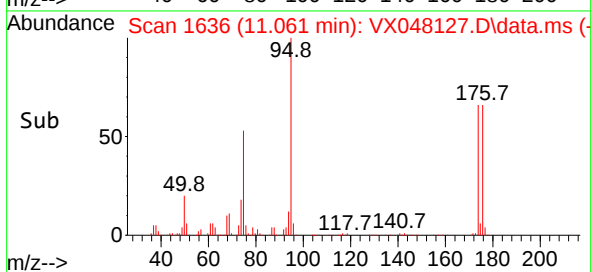
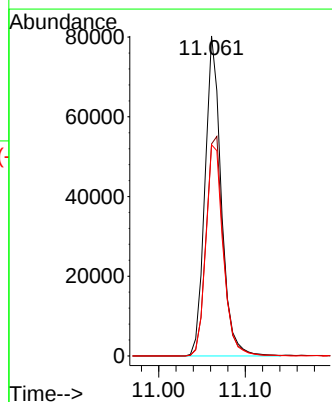
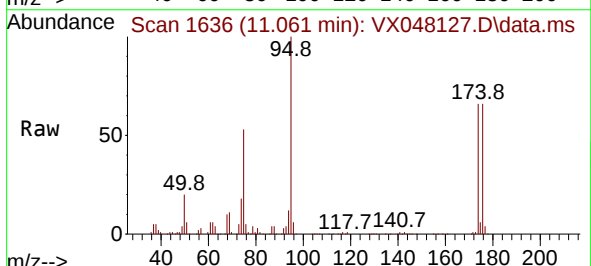
Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

Tgt Ion: 98 Resp: 250869
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 59.168 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

Tgt Ion: 95 Resp: 104591
Ion Ratio Lower Upper
95 100
174 73.0 0.0 141.6
176 70.4 0.0 138.4

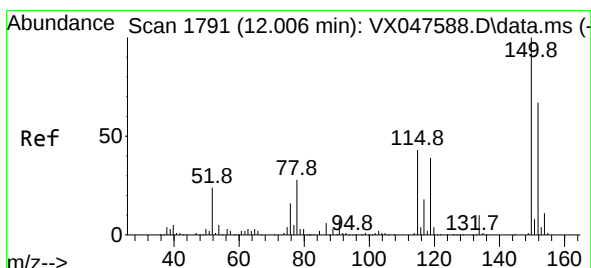
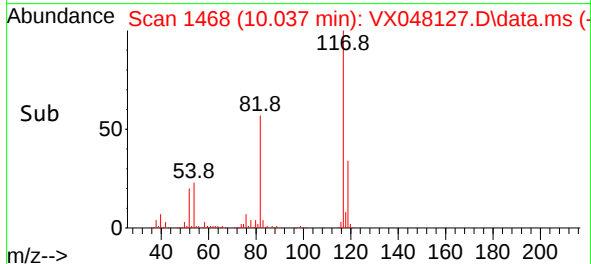
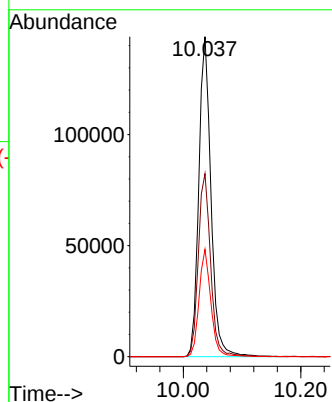
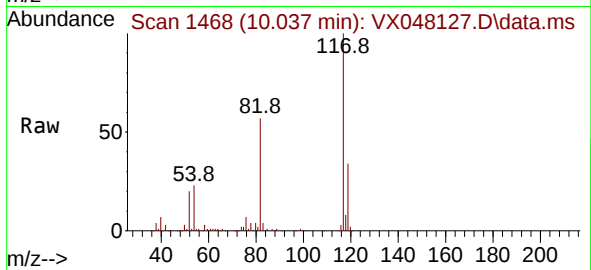




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX048127.D
Acq: 13 Oct 2025 09:26

Instrument :
MSVOA_X
ClientSampleId :
VX1013MBL01

Tgt Ion:117 Resp: 207212
Ion Ratio Lower Upper
117 100
82 57.2 47.8 71.6
119 33.6 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: VX048127.D
Acq: 13 Oct 2025 09:26

Tgt Ion:152 Resp: 99485
Ion Ratio Lower Upper
152 100
115 63.1 44.9 134.5
150 162.4 0.0 352.0

