

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047869.D
 Acq On : 29 Sep 2025 09:27
 Operator : JC/MD
 Sample : VX0929MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

Quant Time: Sep 30 01:14:30 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	124600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	250800	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	252119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	122677	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	94113	47.452	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.900%
35) Dibromofluoromethane	5.367	113	79711	47.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.780%
50) Toluene-d8	8.635	98	274971	47.245	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.500%
62) 4-Bromofluorobenzene	11.061	95	114241	51.720	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%

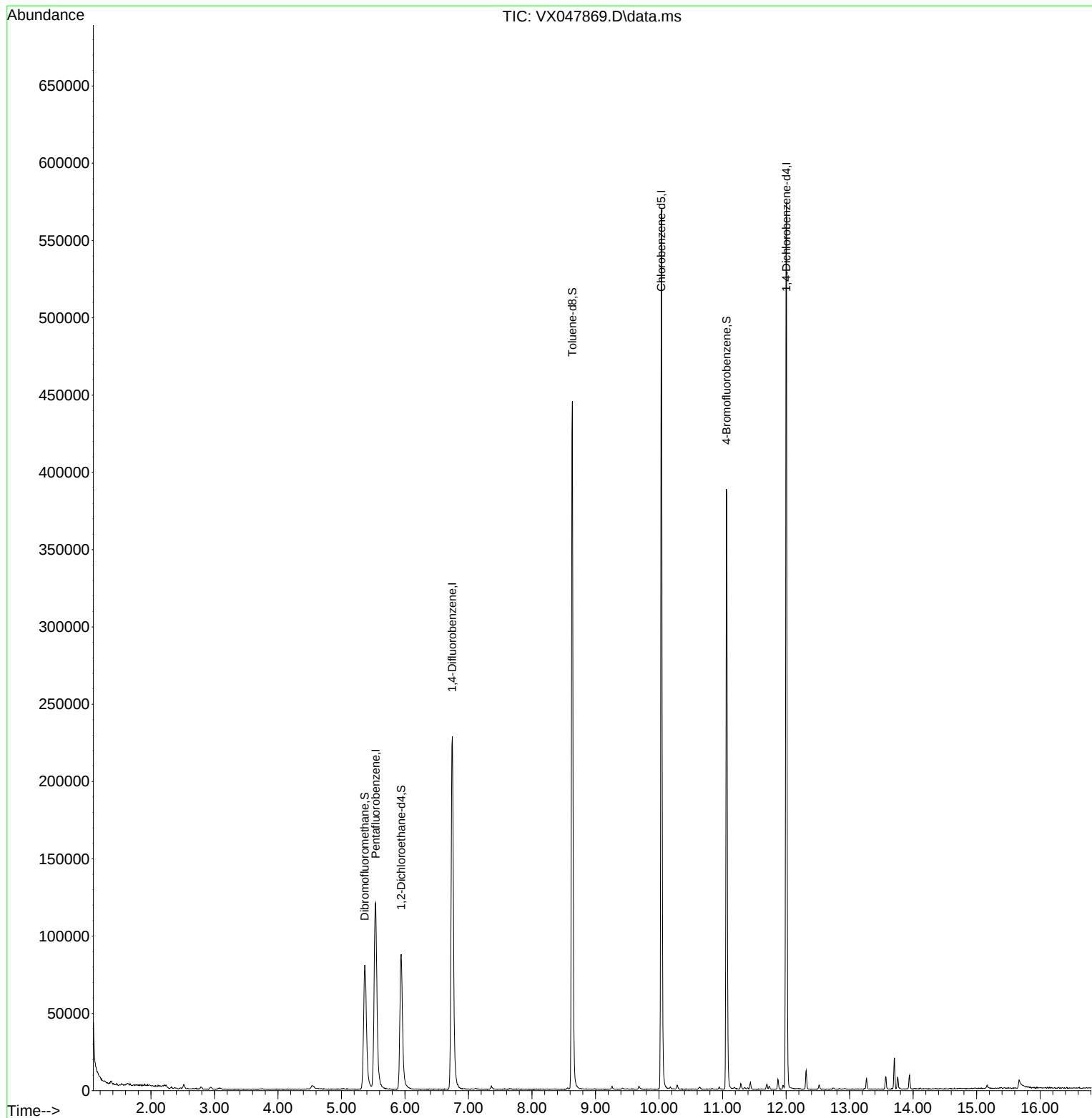
Target Compounds	Qvalue

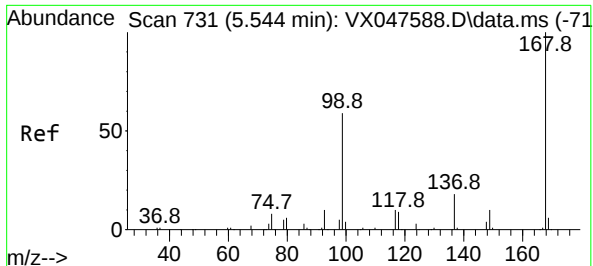
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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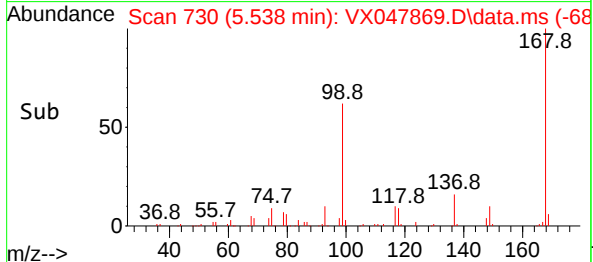
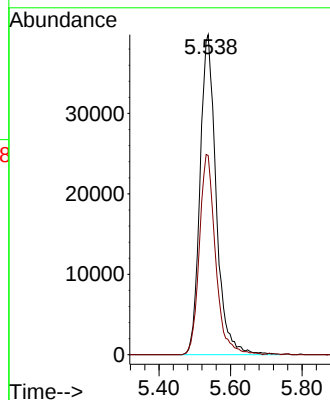
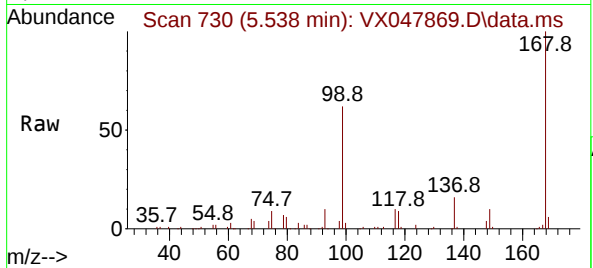




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047869.D
Acq: 29 Sep 2025 09:27

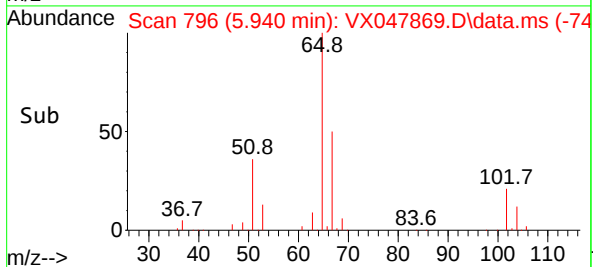
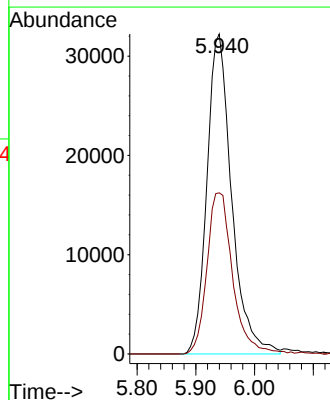
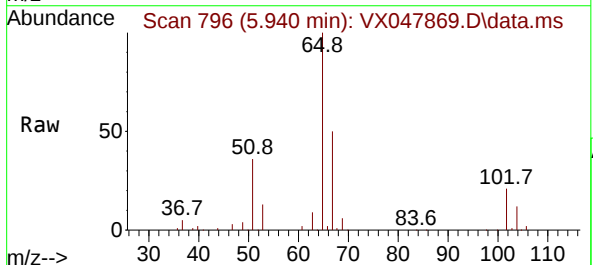
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

Tgt Ion:168 Resp: 124600
Ion Ratio Lower Upper
168 100
99 62.2 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.452 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047869.D
Acq: 29 Sep 2025 09:27

Tgt Ion: 65 Resp: 94113
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0

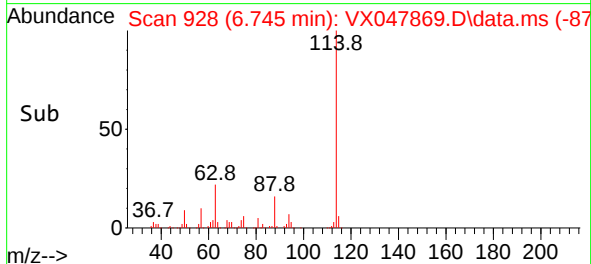
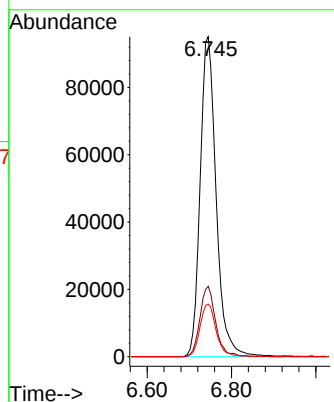
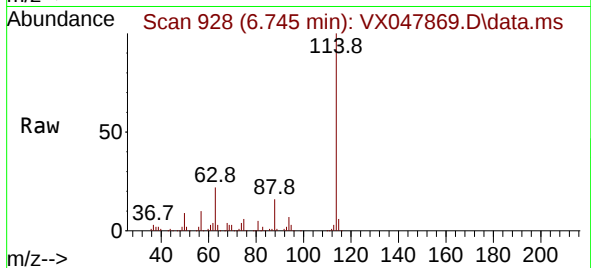




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.745 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VX047869.D
 Acq: 29 Sep 2025 09:27

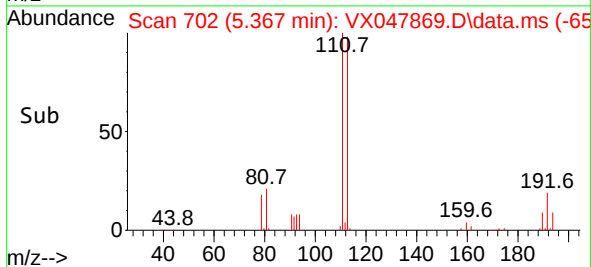
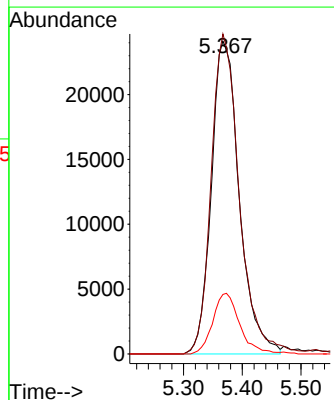
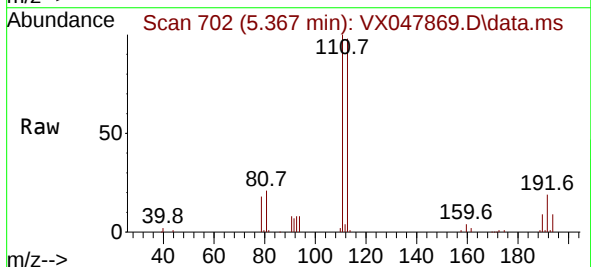
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

Tgt Ion:114 Resp: 250800
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 44.0
 88 16.5 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 47.391 ug/l
 RT: 5.367 min Scan# 702
 Delta R.T. -0.006 min
 Lab File: VX047869.D
 Acq: 29 Sep 2025 09:27

Tgt Ion:113 Resp: 79711
 Ion Ratio Lower Upper
 113 100
 111 103.0 80.9 121.3
 192 18.8 14.2 21.4

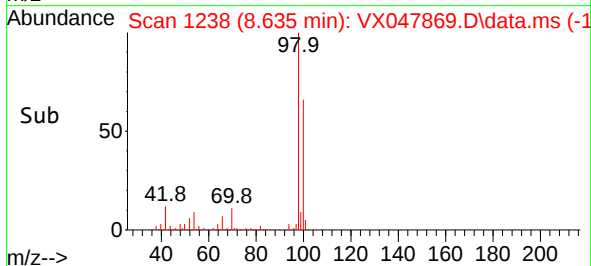
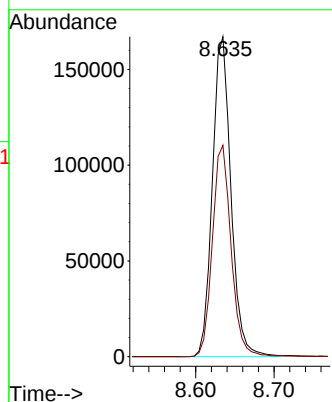
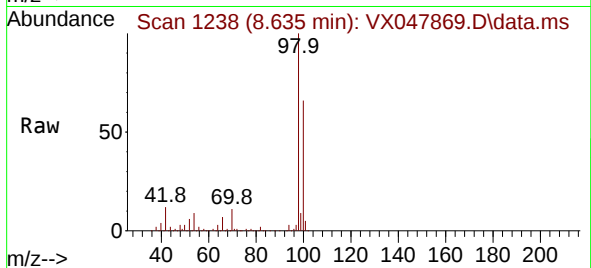




#50
Toluene-d8
Concen: 47.245 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047869.D
Acq: 29 Sep 2025 09:27

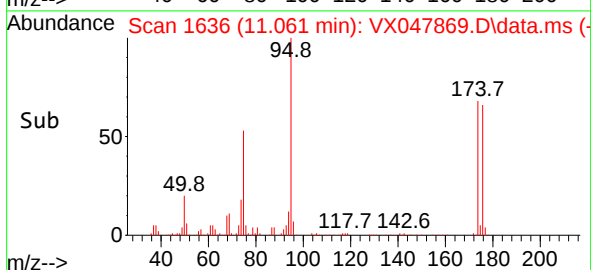
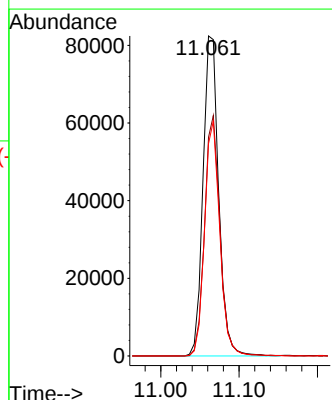
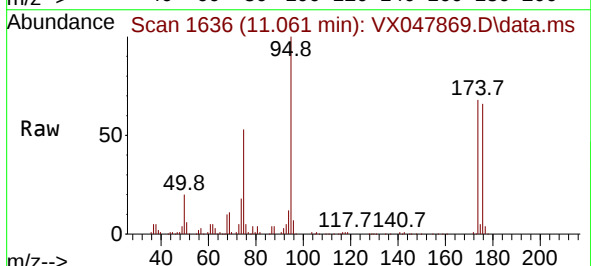
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

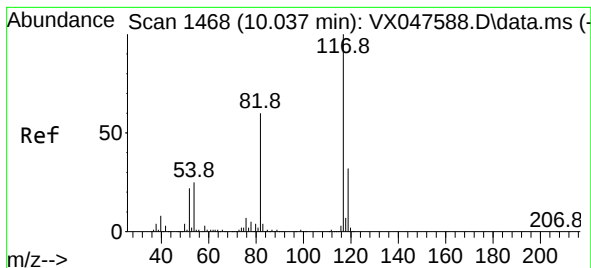
Tgt Ion: 98 Resp: 274971
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.720 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047869.D
Acq: 29 Sep 2025 09:27

Tgt Ion: 95 Resp: 114241
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 71.4 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: VX047869.D

Acq: 29 Sep 2025 09:27

Instrument :

MSVOA_X

ClientSampleId :

VX0929MBL01

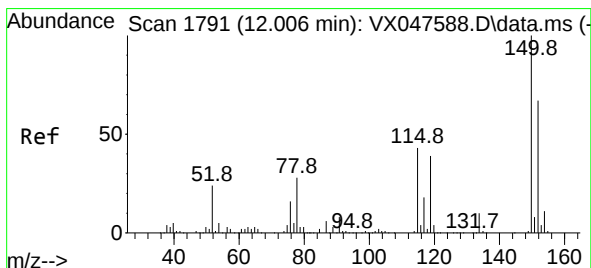
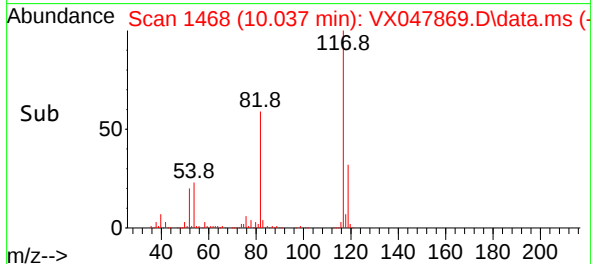
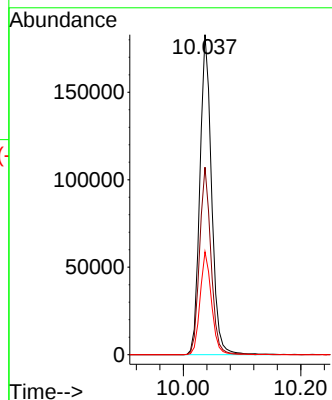
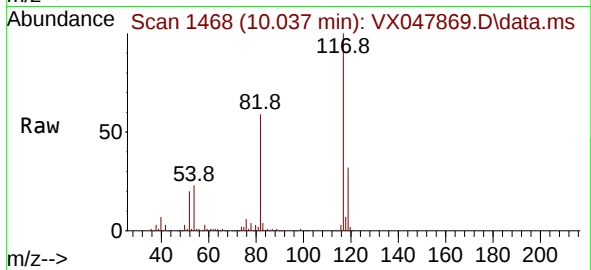
Tgt Ion:117 Resp: 252119

Ion Ratio Lower Upper

117 100

82 58.6 47.8 71.6

119 32.2 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: VX047869.D

Acq: 29 Sep 2025 09:27

Tgt Ion:152 Resp: 122677

Ion Ratio Lower Upper

152 100

115 61.9 44.9 134.5

150 155.7 0.0 352.0

