

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037865.D
 Acq On : 22 Sep 2023 09:45
 Operator : JC/MD
 Sample : VX0922WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0922WBL01

Quant Time: Sep 23 01:20:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	281588	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	474477	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	450824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	173795	46.976	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.960%
35) Dibromofluoromethane	5.385	113	151477	47.713	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	566701	48.041	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	217177	50.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.340%

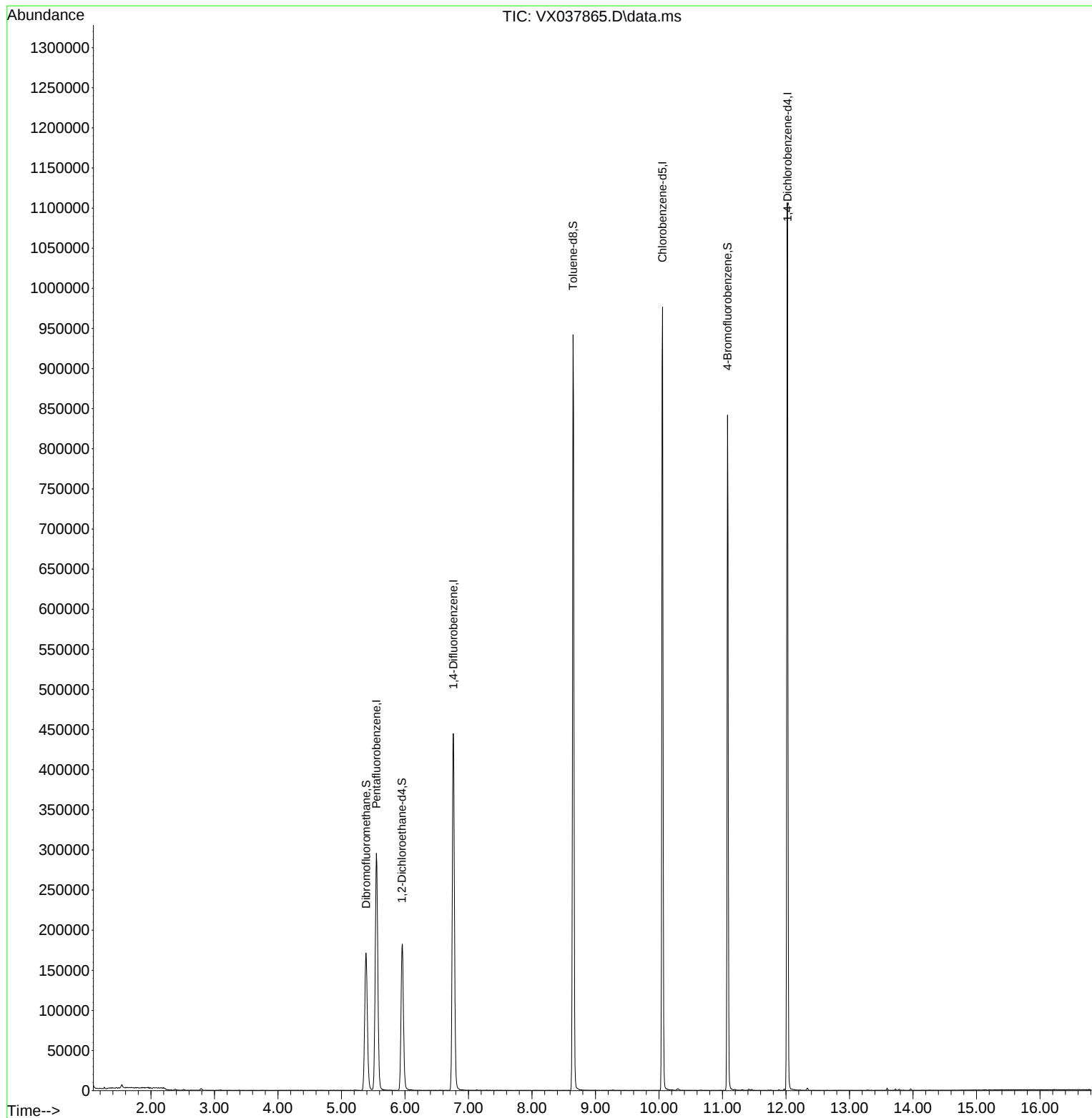
Target Compounds	Qvalue

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

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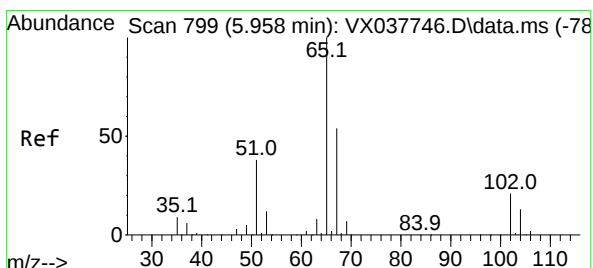
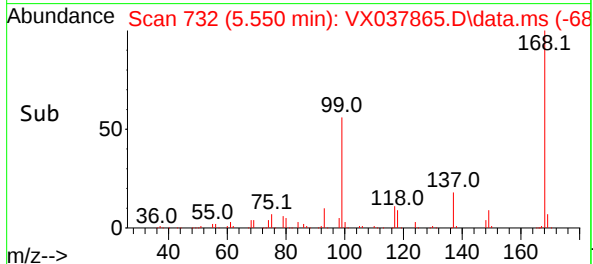
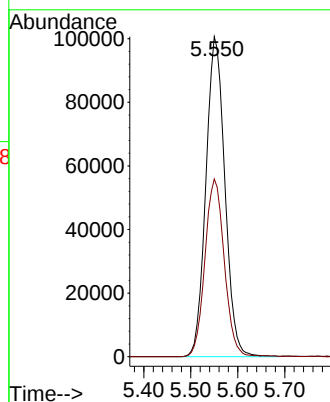
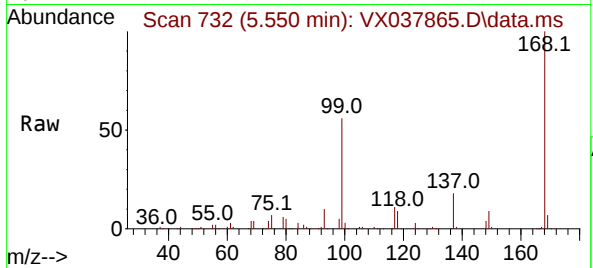




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

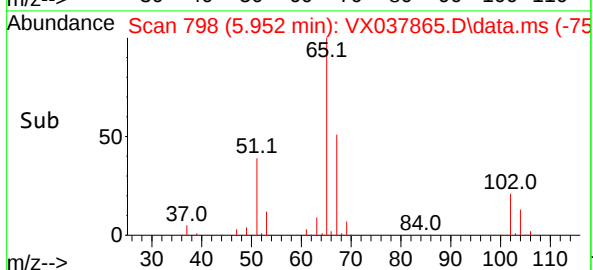
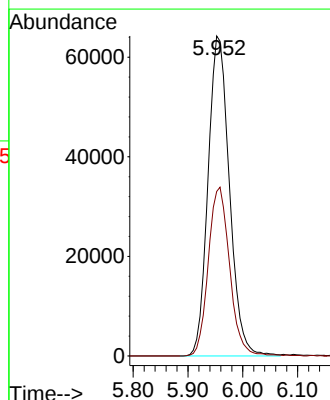
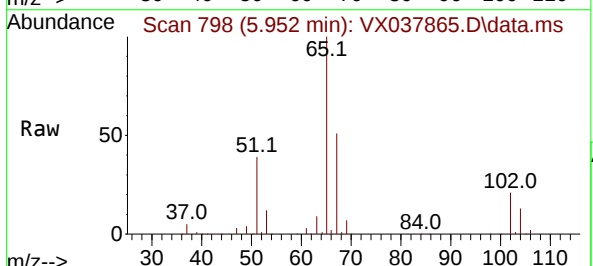
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

Tgt Ion:168 Resp: 281588
Ion Ratio Lower Upper
168 100
99 55.6 56.6 85.0#



#33
1,2-Dichloroethane-d4
Concen: 46.976 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

Tgt Ion: 65 Resp: 173795
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.2

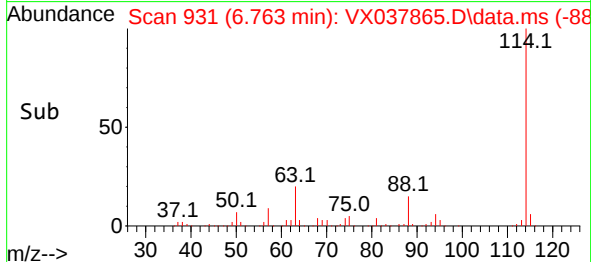
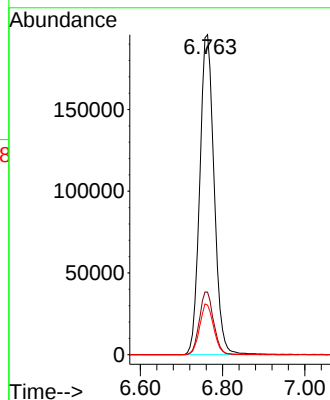
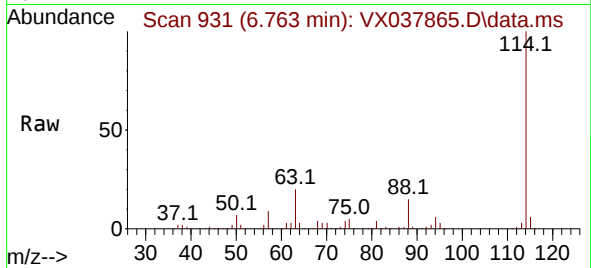




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

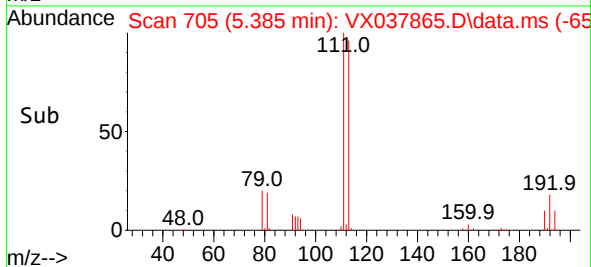
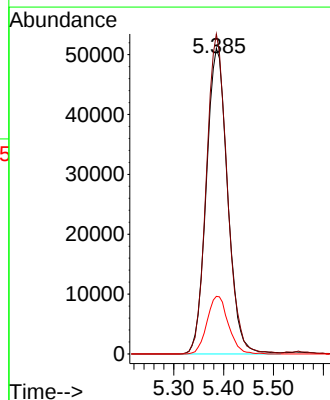
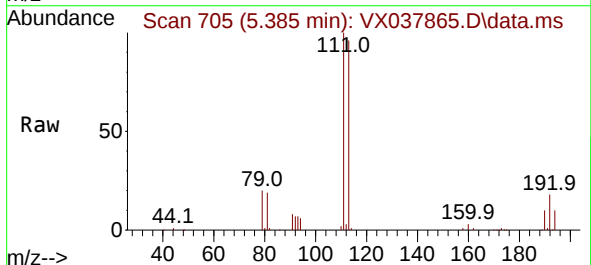
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

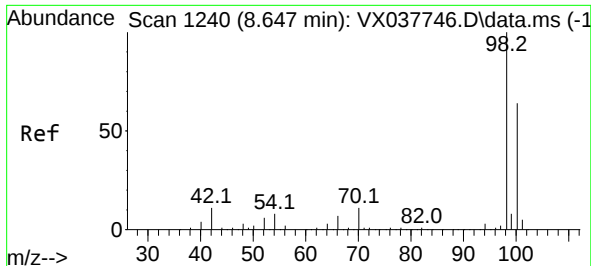
Tgt Ion:114 Resp: 474477
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.713 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

Tgt Ion:113 Resp: 151477
Ion Ratio Lower Upper
113 100
111 102.4 82.9 124.3
192 18.8 13.3 19.9

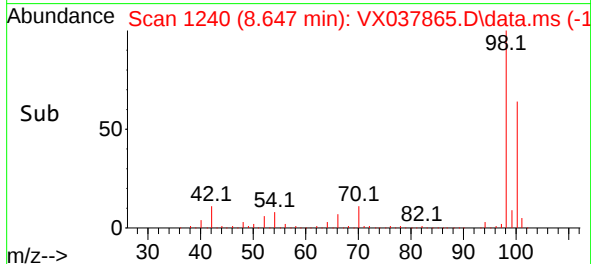
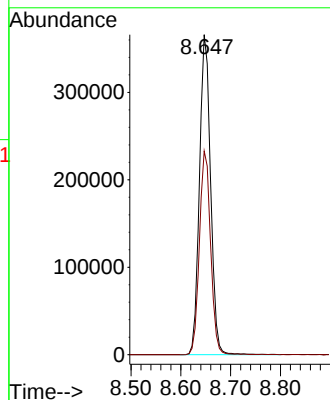
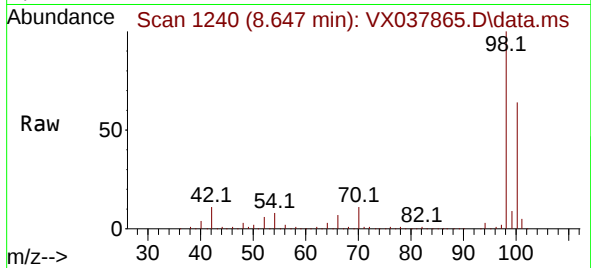




#50
Toluene-d8
Concen: 48.041 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

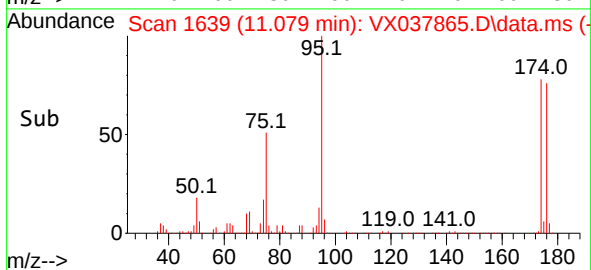
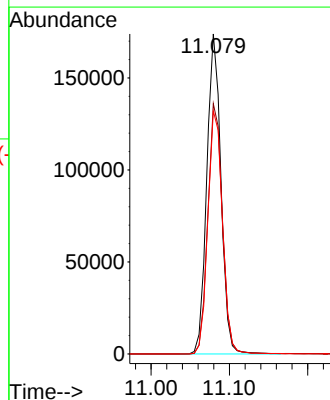
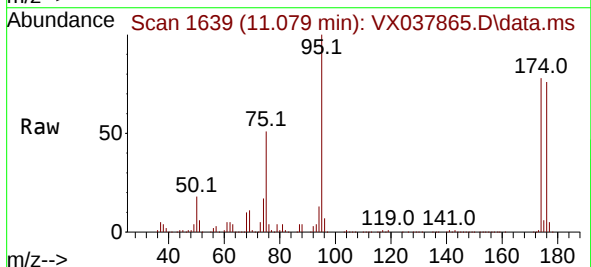
Instrument :
MSVOA_X
ClientSampleId :
VX0922WBL01

Tgt Ion: 98 Resp: 566701
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037865.D
Acq: 22 Sep 2023 09:45

Tgt Ion: 95 Resp: 217177
Ion Ratio Lower Upper
95 100
174 80.5 0.0 135.6
176 78.8 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX037865.D

Acq: 22 Sep 2023 09:45

Instrument :

MSVOA_X

ClientSampleId :

VX0922WBL01

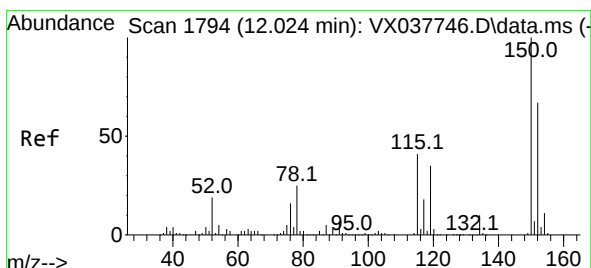
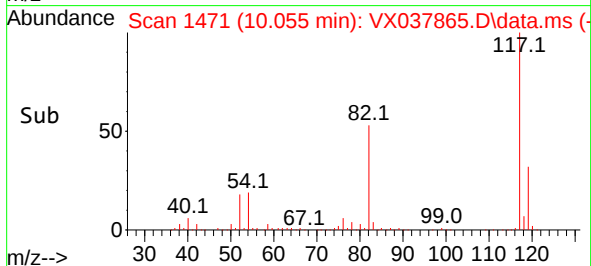
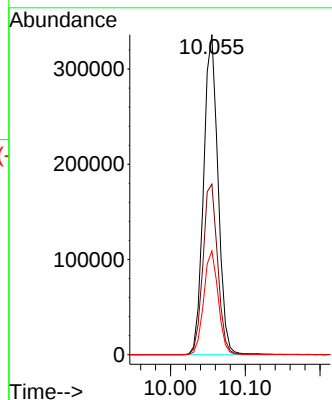
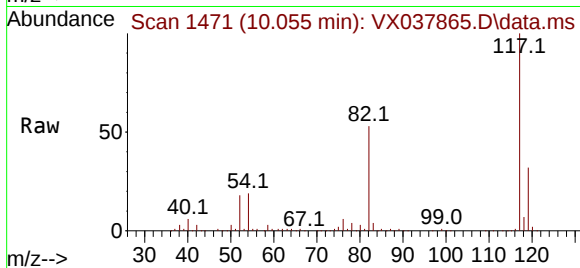
Tgt Ion:117 Resp: 450824

Ion Ratio Lower Upper

117 100

82 53.3 46.2 69.4

119 32.4 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX037865.D

Acq: 22 Sep 2023 09:45

Tgt Ion:152 Resp: 235224

Ion Ratio Lower Upper

152 100

115 59.8 43.3 129.9

150 155.8 0.0 345.0

