

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111822\
 Data File : VD074989.D
 Acq On : 18 Nov 2022 14:58
 Operator : VA/SY
 Sample : N5664-01
 Misc : 5..08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-1RE

Quant Time: Nov 18 22:05:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	8559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	15857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	16473	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7573	144.339	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 288.680%#	
35) Dibromofluoromethane	7.810	113	7237	74.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.080%#	
50) Toluene-d8	10.275	98	20184	62.686	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.380%	
62) 4-Bromofluorobenzene	12.581	95	6636	67.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 134.240%	

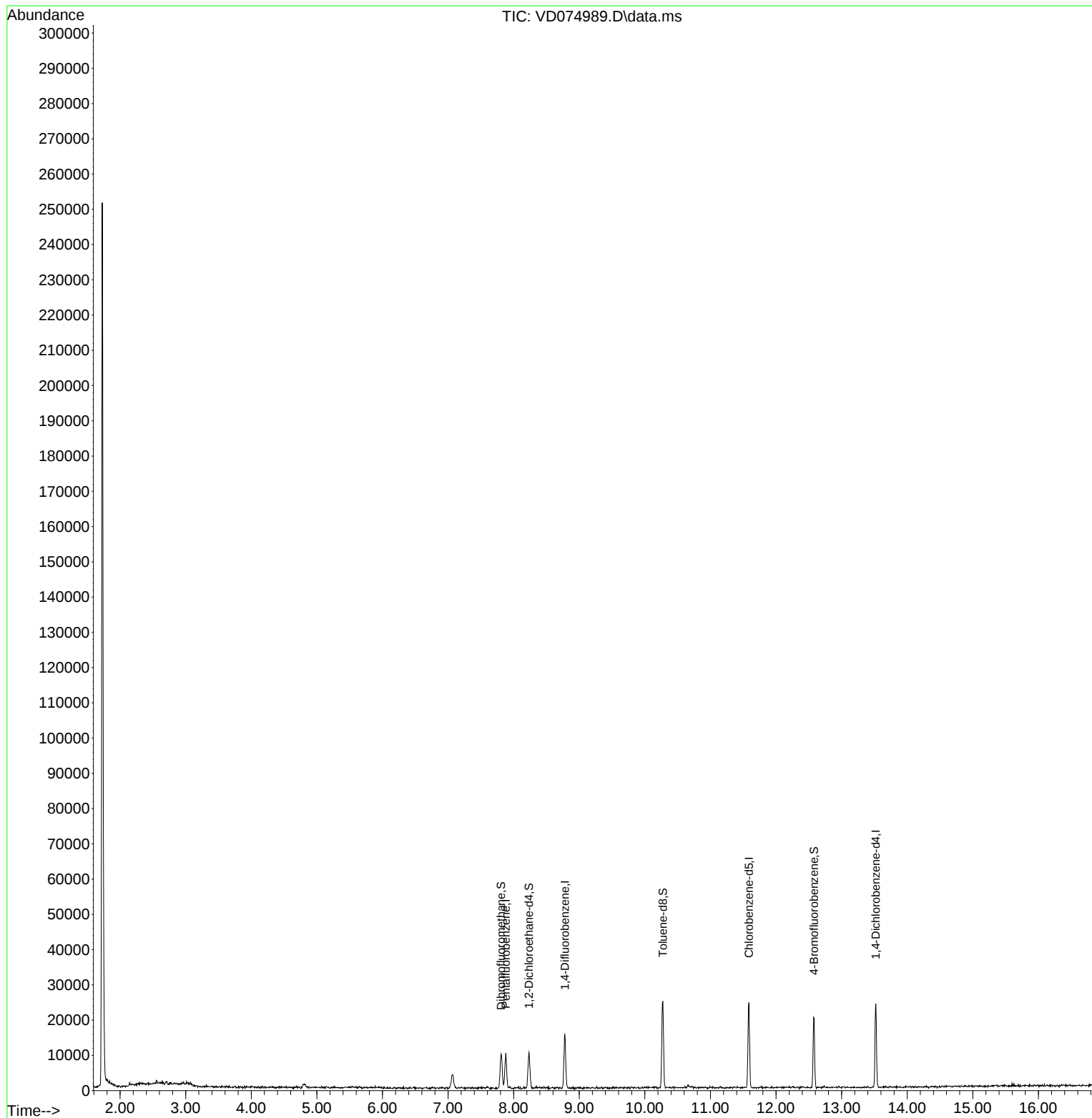
Target Compounds	Qvalue

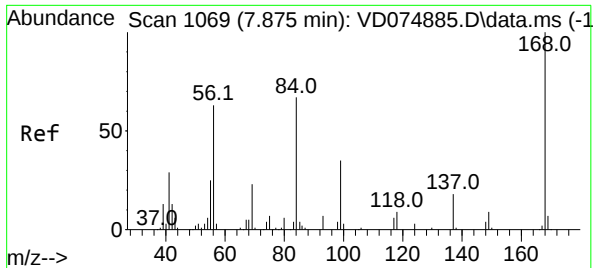
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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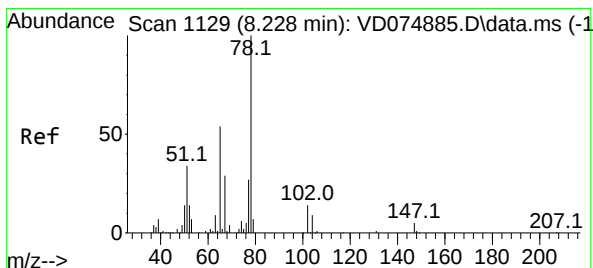
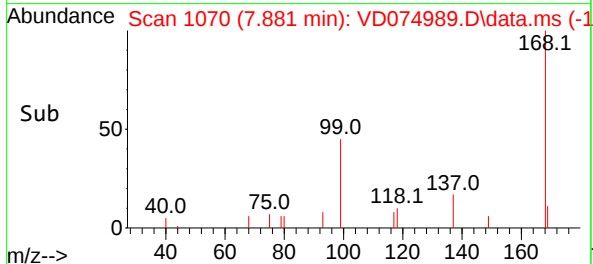
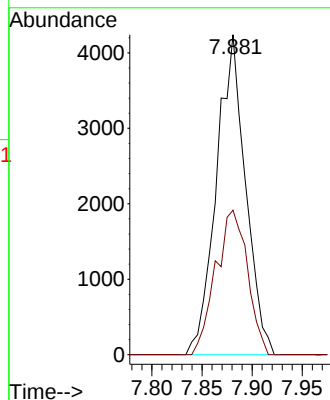
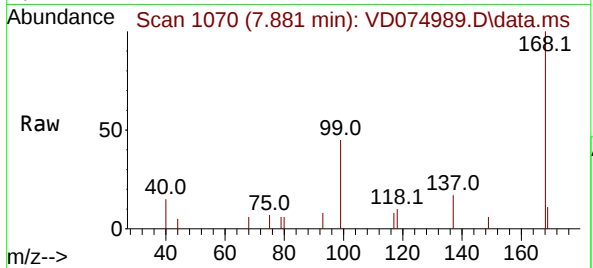




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

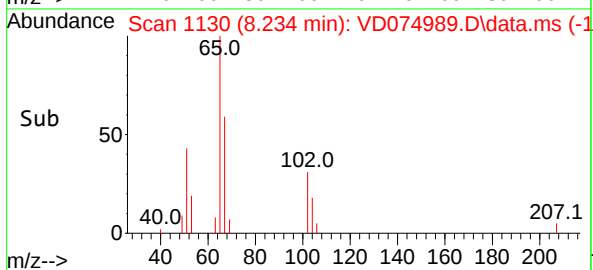
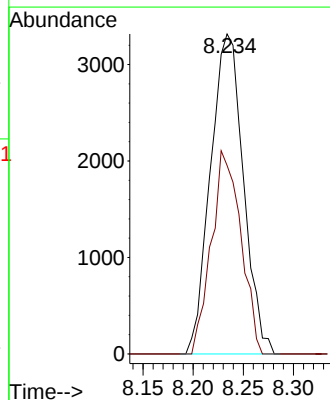
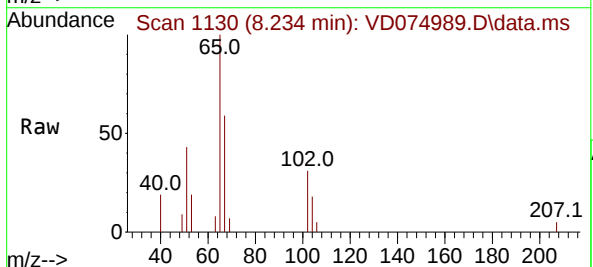
Instrument :
MSVOA_D
ClientSampleId :
B-1RE

Tgt Ion:168 Resp: 8559
Ion Ratio Lower Upper
168 100
99 45.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 144.339 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion: 65 Resp: 7573
Ion Ratio Lower Upper
65 100
67 56.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

B-1RE

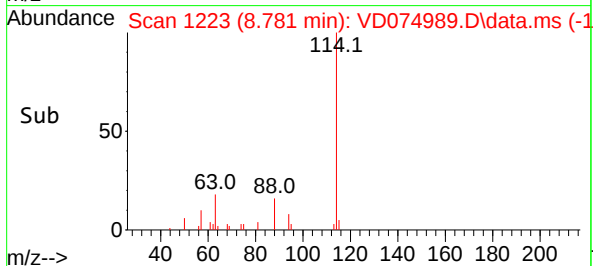
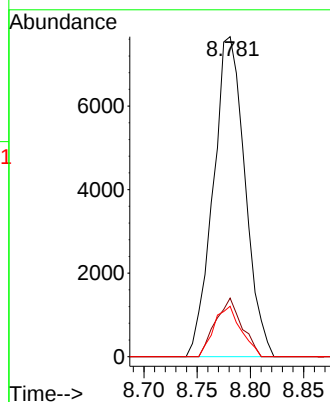
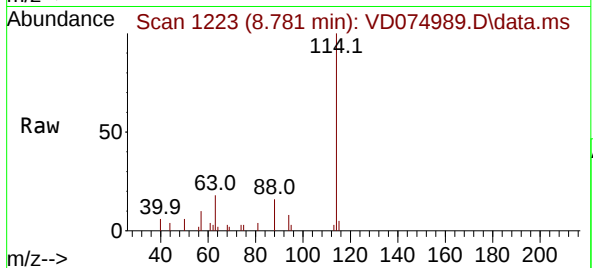
Tgt Ion:114 Resp: 15857

Ion Ratio Lower Upper

114 100

63 18.3 0.0 33.2

88 15.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 74.038 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074989.D

Acq: 18 Nov 2022 14:58

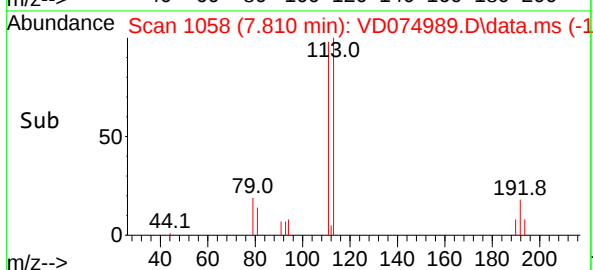
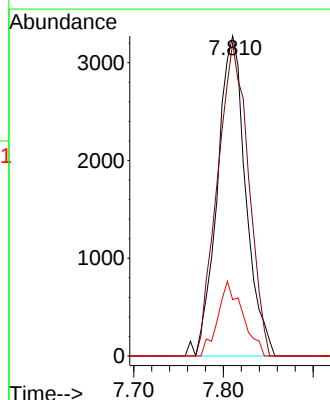
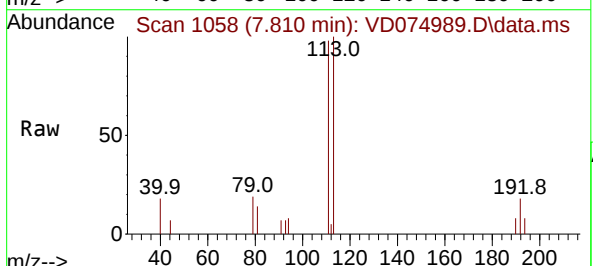
Tgt Ion:113 Resp: 7237

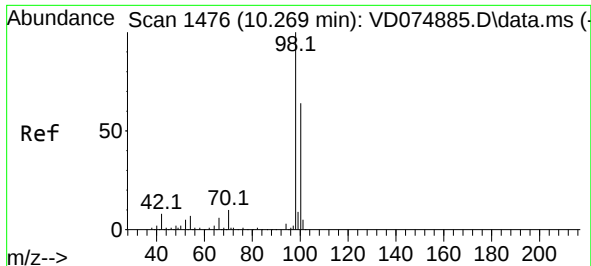
Ion Ratio Lower Upper

113 100

111 105.9 82.3 123.5

192 20.4 16.4 24.6

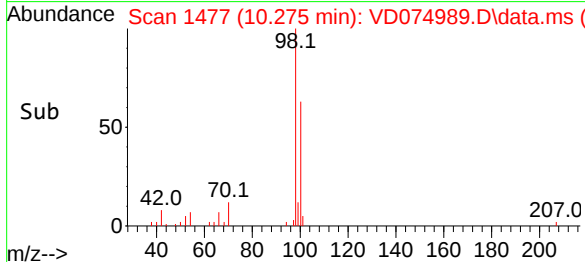
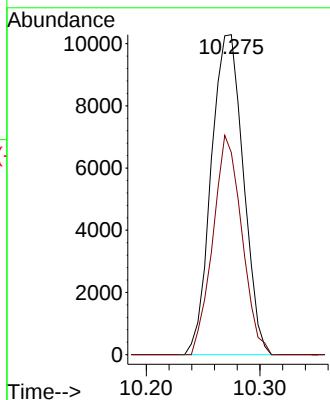
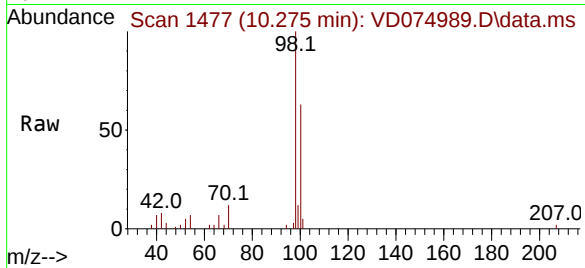




#50
Toluene-d8
Concen: 62.686 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

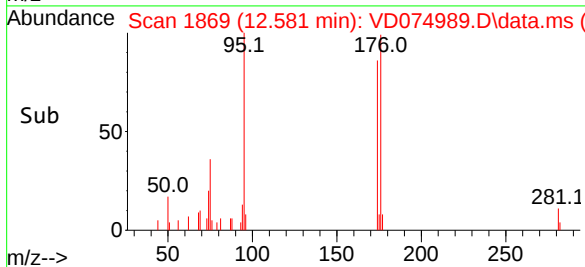
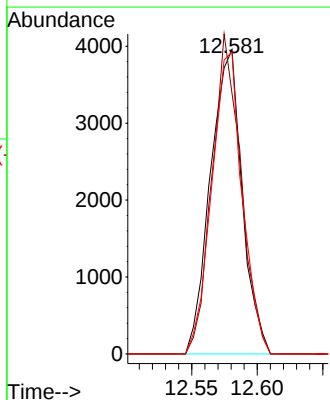
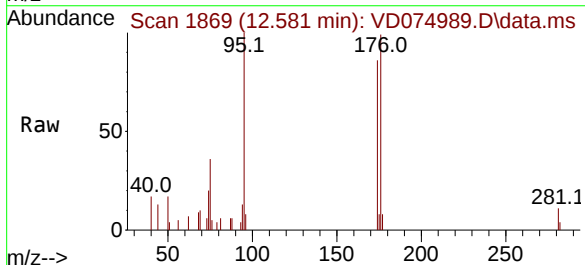
Instrument :
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ClientSampleId :
B-1RE

Tgt Ion: 98 Resp: 20184
Ion Ratio Lower Upper
98 100
100 61.8 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 67.118 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion: 95 Resp: 6636
Ion Ratio Lower Upper
95 100
174 96.4 0.0 197.0
176 95.7 0.0 182.6

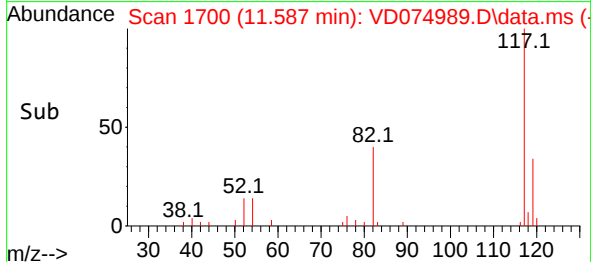
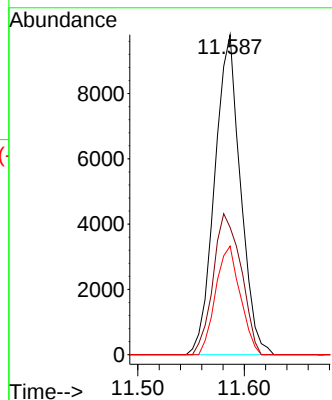
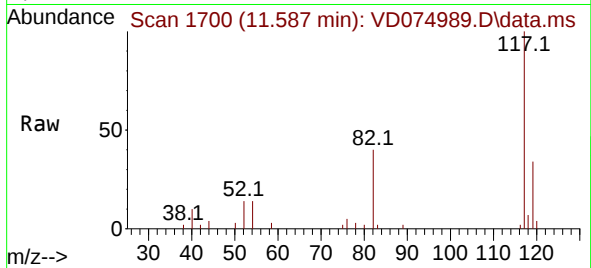




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
B-1RE

Tgt Ion:117 Resp: 16473
Ion Ratio Lower Upper
117 100
82 39.7 41.6 62.4#
119 34.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074989.D
Acq: 18 Nov 2022 14:58

Tgt Ion:152 Resp: 7725
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 151.9 0.0 348.2

