

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011023\
 Data File : VN076184.D
 Acq On : 10 Jan 2023 16:00
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jan 11 01:06:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	362557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	566985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	492130	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197355	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189509	48.047	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	8.171	113	168608	48.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.571	98	657936	50.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.240%
62) 4-Bromofluorobenzene	12.853	95	203604	46.825	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.640%

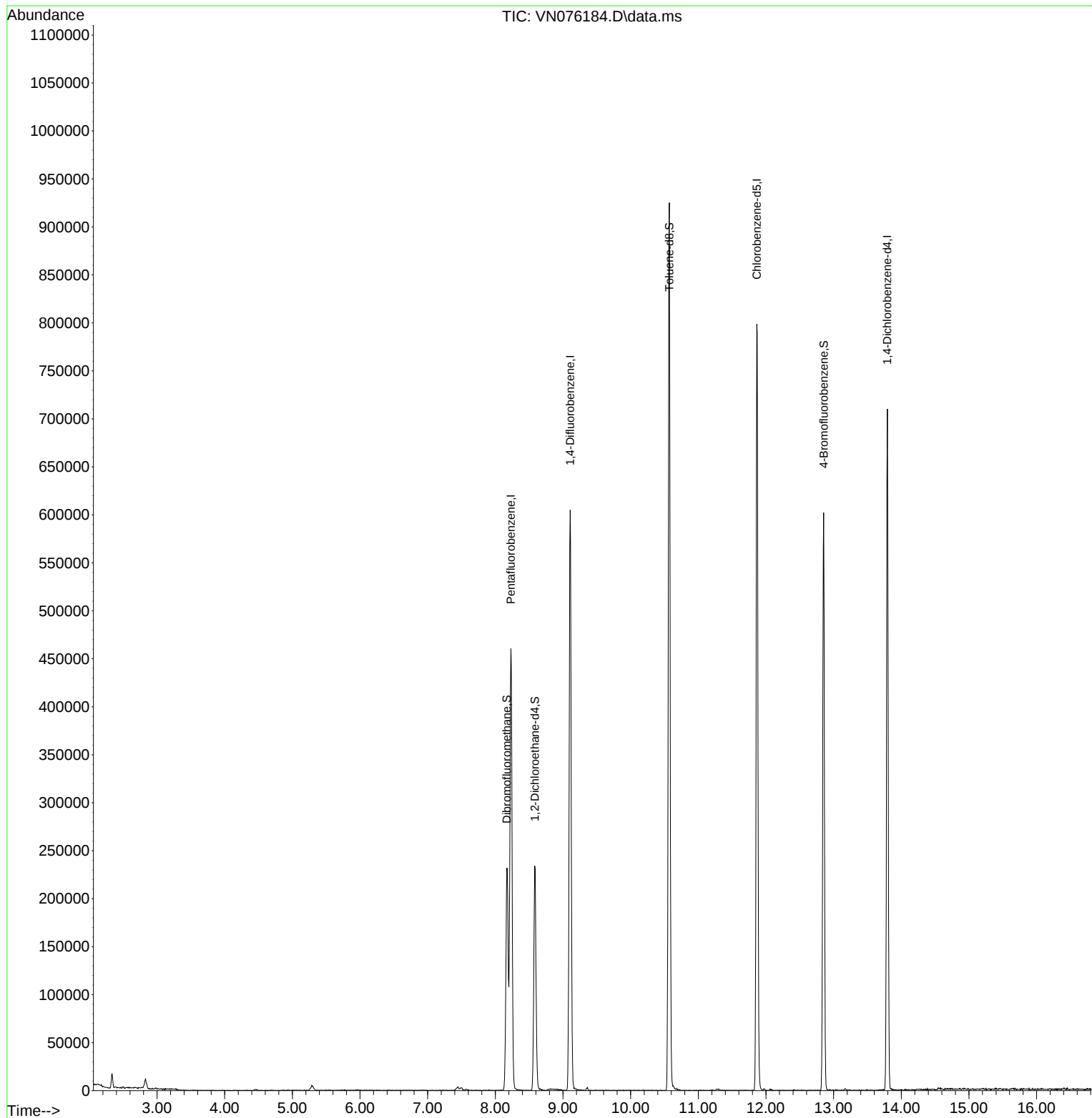
Target Compounds	Qvalue

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

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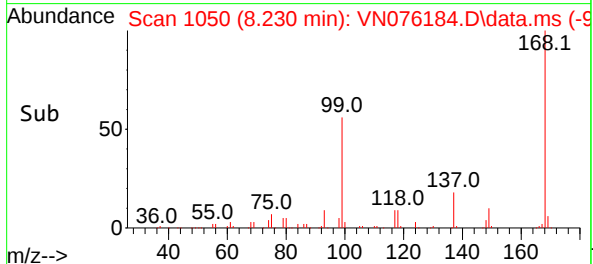
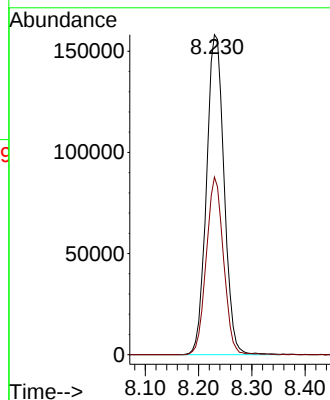
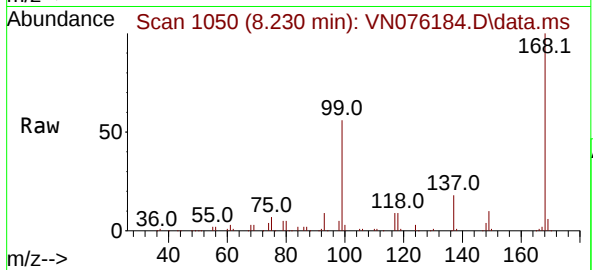




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

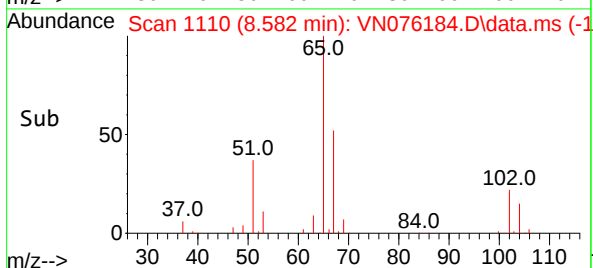
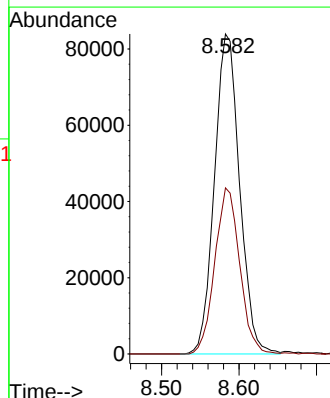
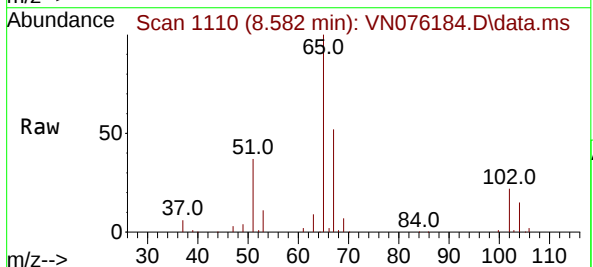
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:168 Resp: 362557
Ion Ratio Lower Upper
168 100
99 55.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.047 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 65 Resp: 189509
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

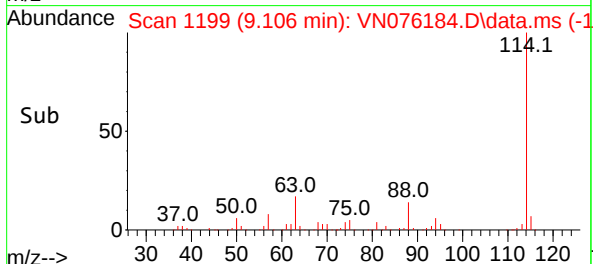
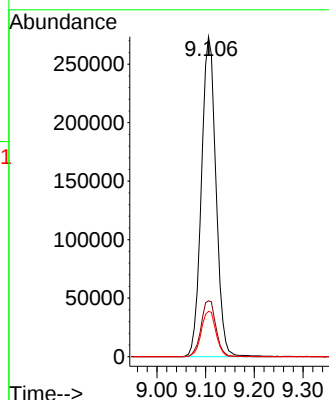
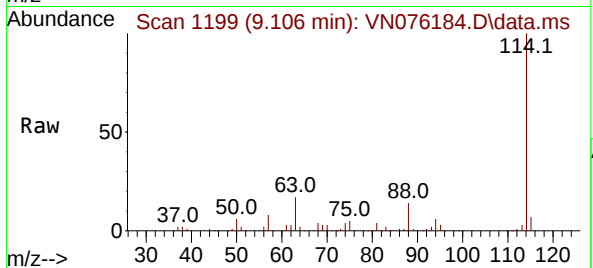
Tgt Ion:114 Resp: 566985

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.4

88 14.2 0.0 28.8



#35

Dibromofluoromethane

Concen: 48.019 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076184.D

Acq: 10 Jan 2023 16:00

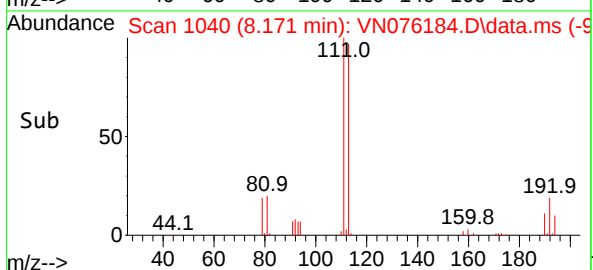
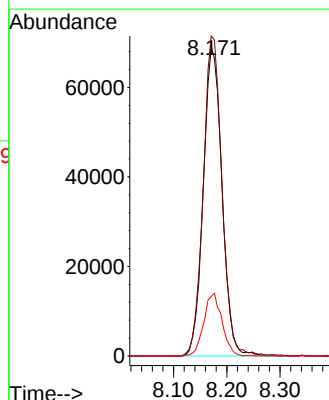
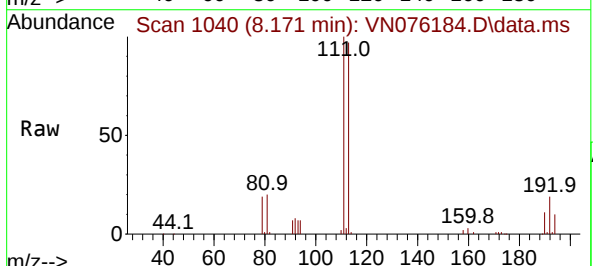
Tgt Ion:113 Resp: 168608

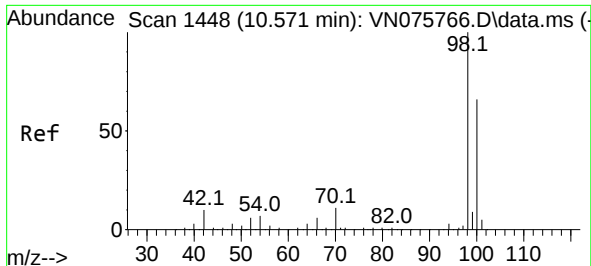
Ion Ratio Lower Upper

113 100

111 103.2 83.4 125.2

192 19.7 16.1 24.1

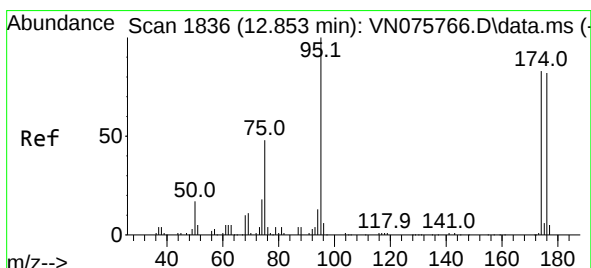
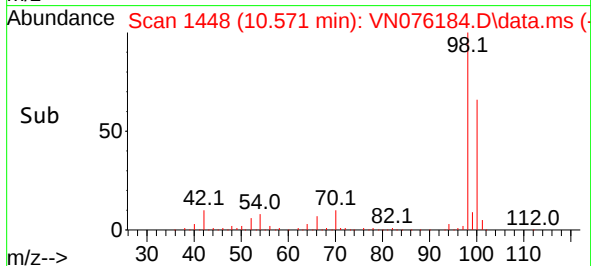
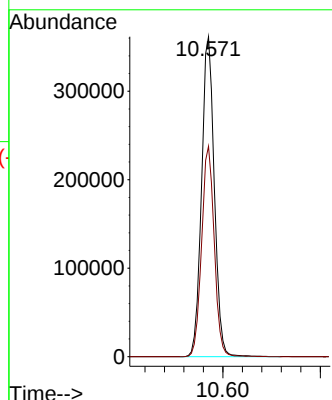
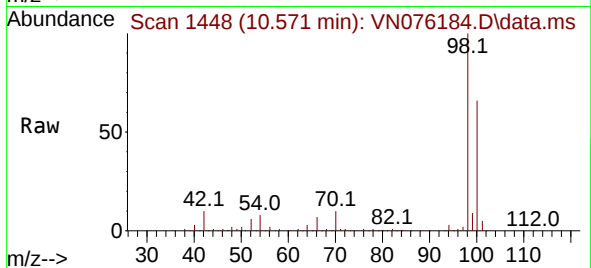




#50
Toluene-d8
Concen: 50.116 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

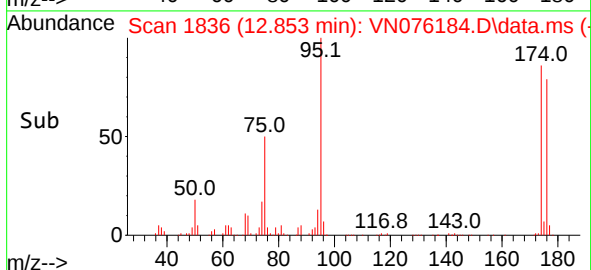
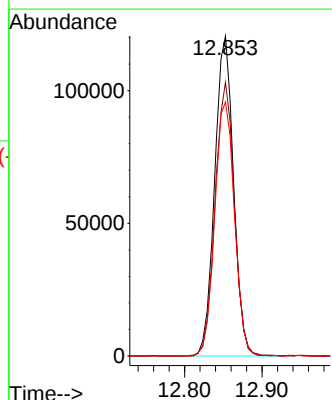
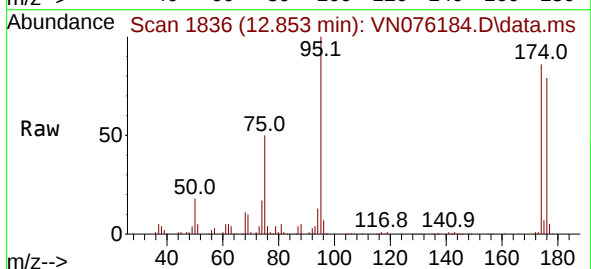
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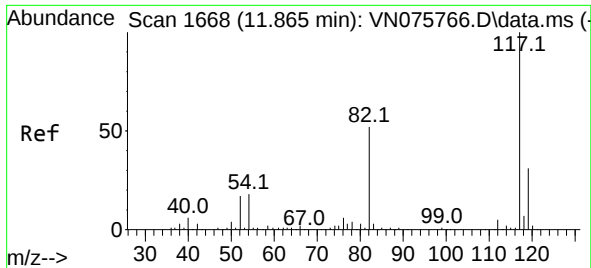
Tgt Ion: 98 Resp: 657936
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.825 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion: 95 Resp: 203604
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 83.1 0.0 169.2

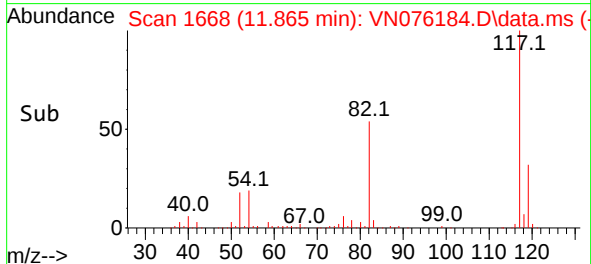
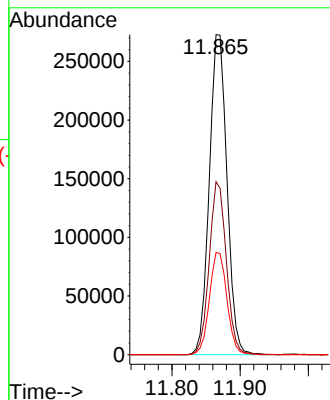
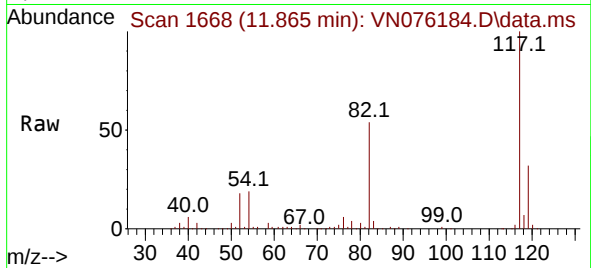




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 492130
Ion Ratio Lower Upper
117 100
82 54.0 41.3 61.9
119 32.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076184.D
Acq: 10 Jan 2023 16:00

Tgt Ion:152 Resp: 197355
Ion Ratio Lower Upper
152 100
115 59.4 29.1 87.4
150 157.5 0.0 347.0

