

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032822\
 Data File : VD072453.D
 Acq On : 28 Mar 2022 19:19
 Operator : VA/SY
 Sample : N2103-03
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200055

Quant Time: Mar 29 01:31:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	416418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	712046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	818231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	433003	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	203737	43.902	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.800%
35) Dibromofluoromethane	7.914	113	215651	43.038	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.080%
50) Toluene-d8	10.338	98	905402	49.417	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.626	95	433562	60.902	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.800%

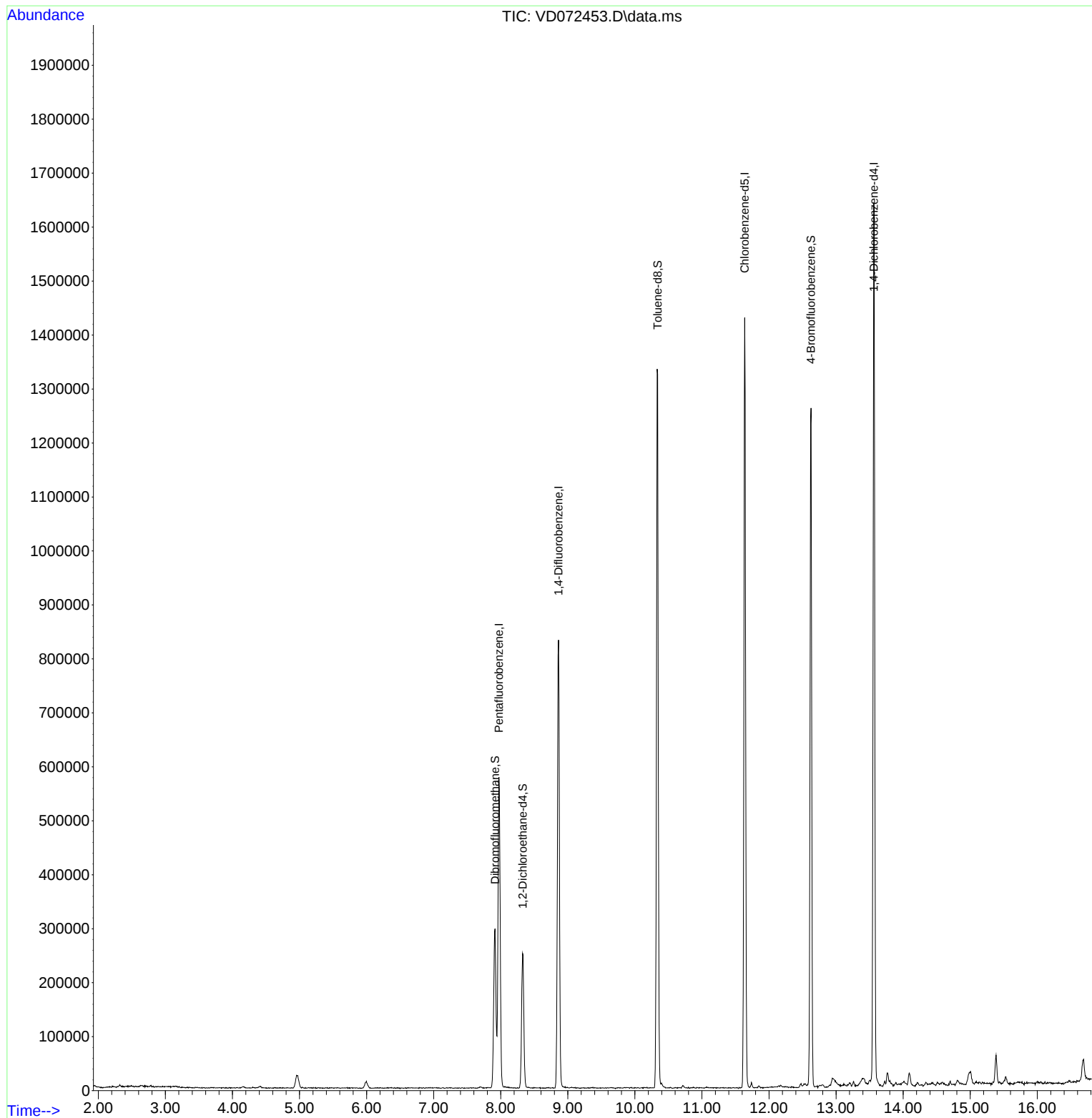
Target Compounds	Qvalue

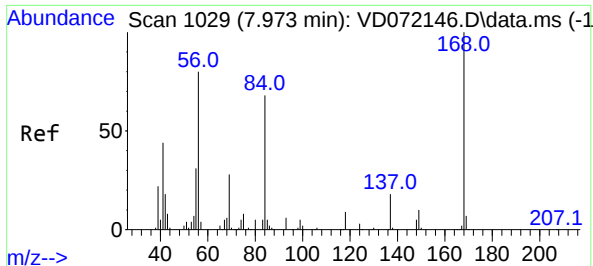
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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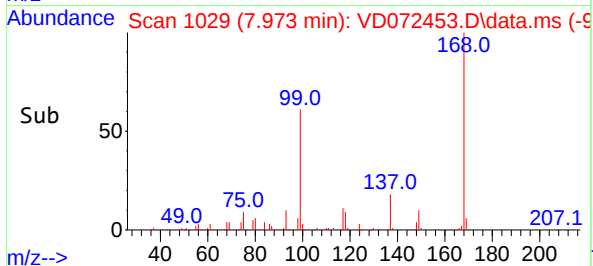
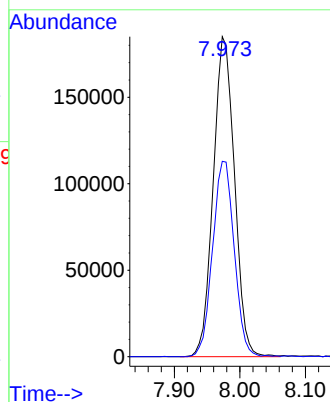
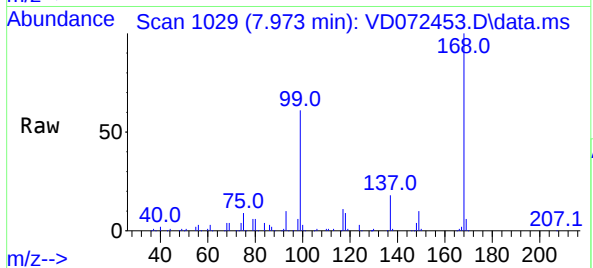




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

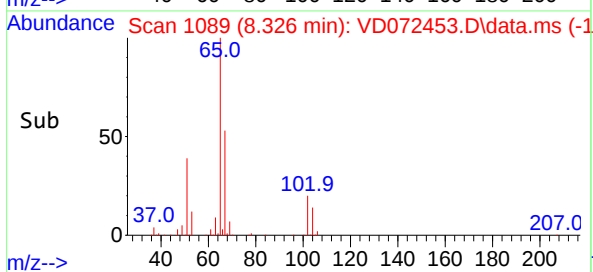
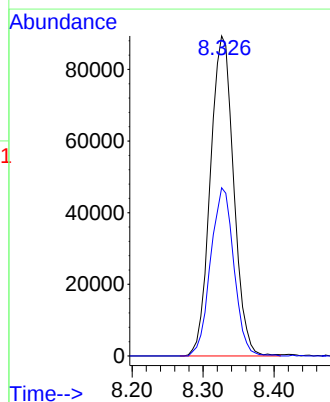
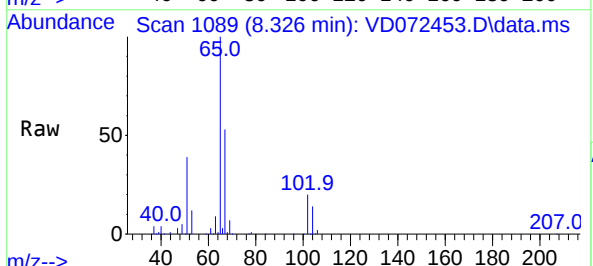
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

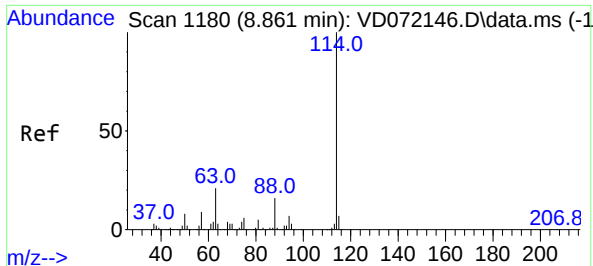
Tgt Ion:168 Resp: 416418
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 43.902 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 65 Resp: 203737
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072453.D

Acq: 28 Mar 2022 19:19

Instrument :

MSVOA_D

ClientSampleId :

RBR-200055

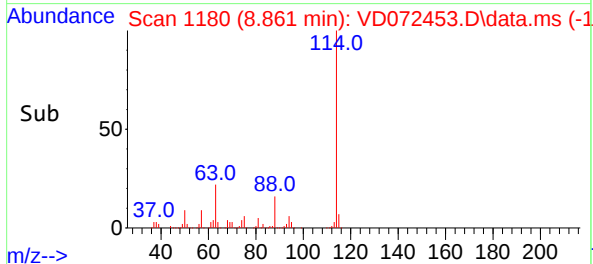
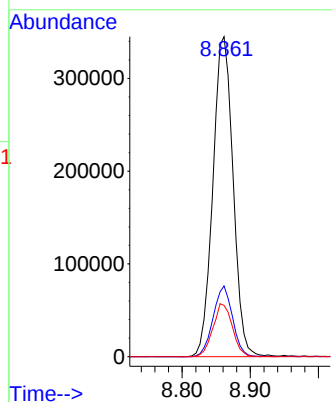
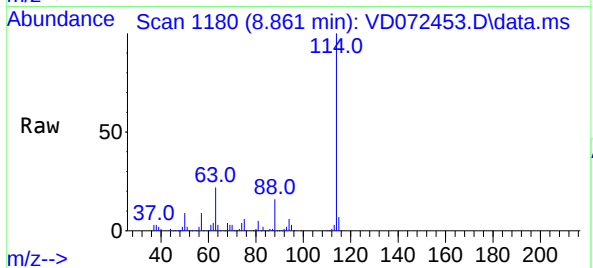
Tgt Ion:114 Resp: 712046

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.038 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072453.D

Acq: 28 Mar 2022 19:19

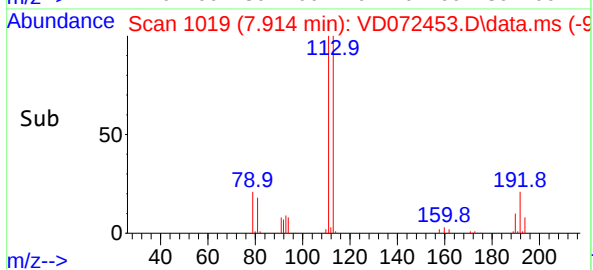
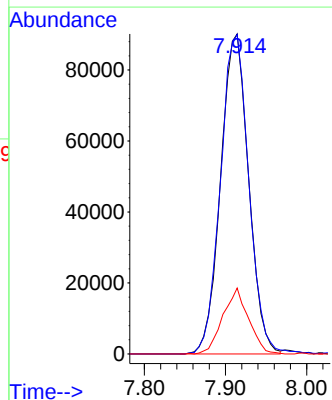
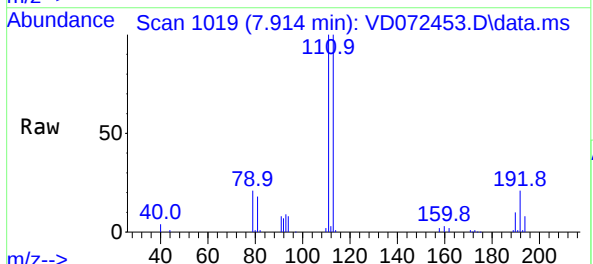
Tgt Ion:113 Resp: 215651

Ion Ratio Lower Upper

113 100

111 101.5 83.8 125.6

192 19.0 14.6 21.8

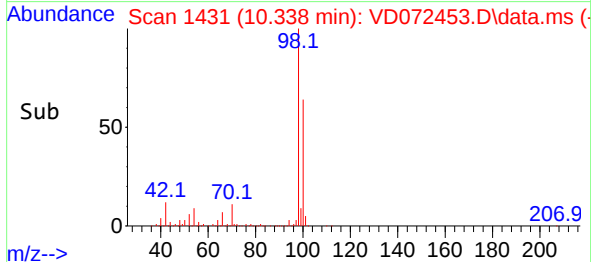
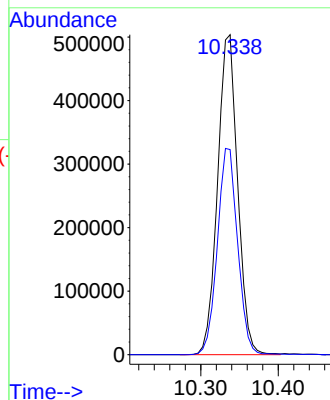
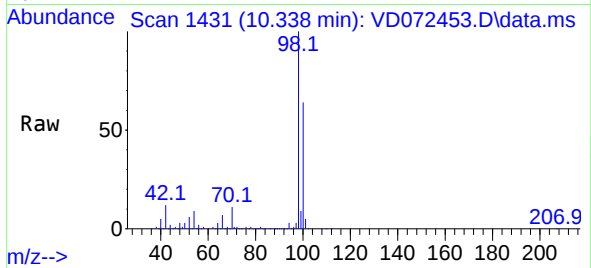




#50
Toluene-d8
Concen: 49.417 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

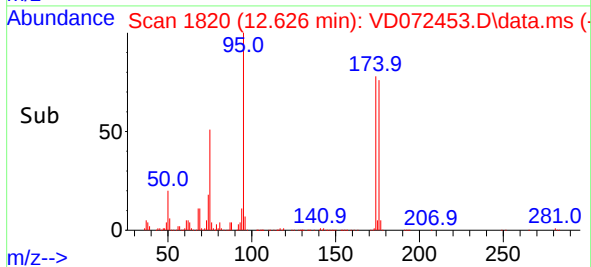
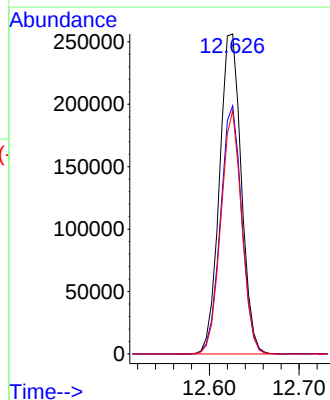
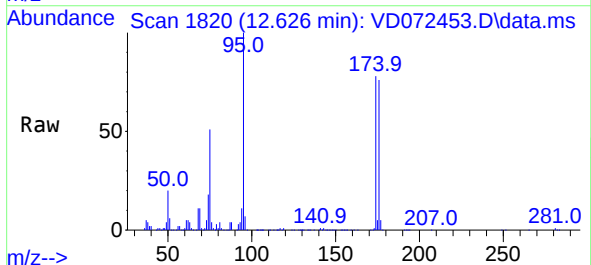
Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

Tgt Ion: 98 Resp: 905402
Ion Ratio Lower Upper
98 100
100 65.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.902 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion: 95 Resp: 433562
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.4 0.0 145.4

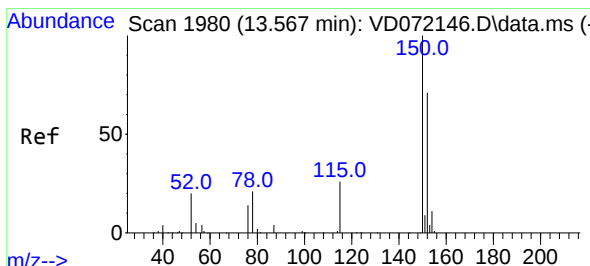
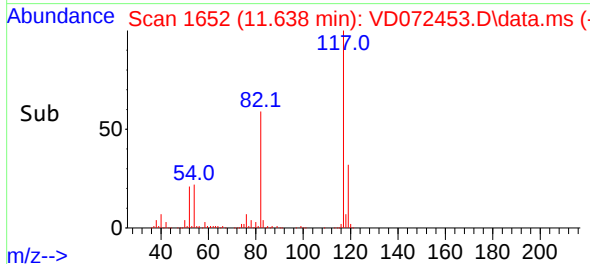
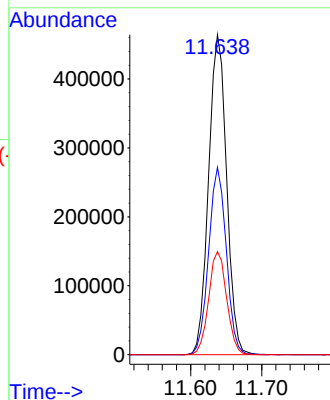
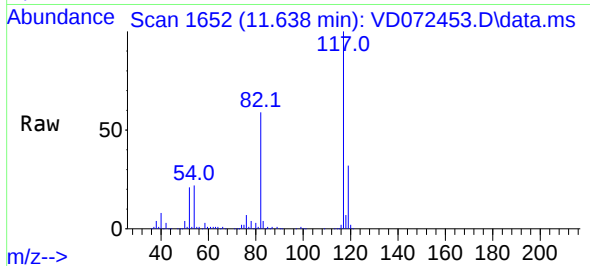




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Instrument :
MSVOA_D
ClientSampleId :
RBR-200055

Tgt Ion:117 Resp: 818231
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072453.D
Acq: 28 Mar 2022 19:19

Tgt Ion:152 Resp: 433003
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 156.4 0.0 348.6

