

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015567.D
 Acq On : 15 Sep 2023 14:17
 Operator : SY/MD
 Sample : 04409-03
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1(0-2)GRAB

Quant Time: Sep 15 15:38:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	292629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	499520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	461184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	218219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	192845	61.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.960%
35) Dibromofluoromethane	7.716	113	160082	55.639	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.280%
50) Toluene-d8	10.179	98	582910	55.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.900%
62) 4-Bromofluorobenzene	12.483	95	204979	52.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.980%

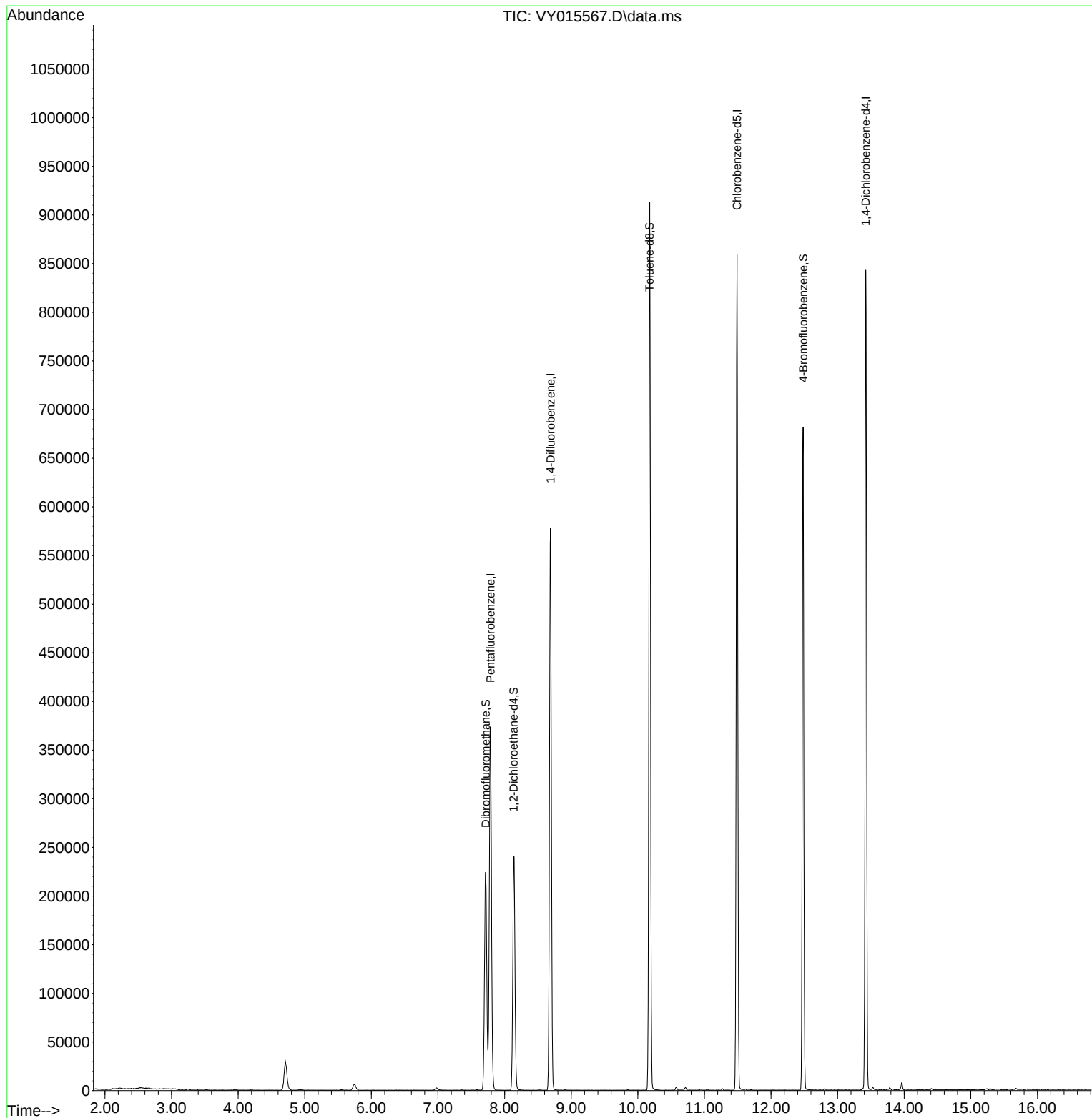
Target Compounds	Qvalue

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

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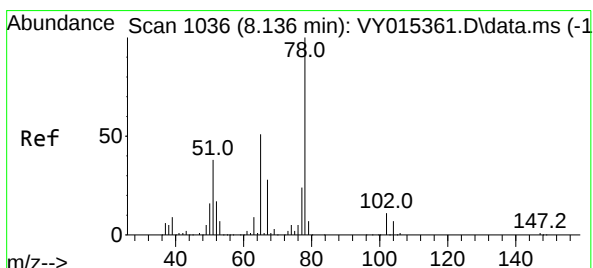
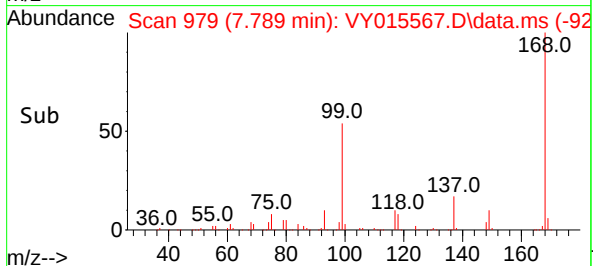
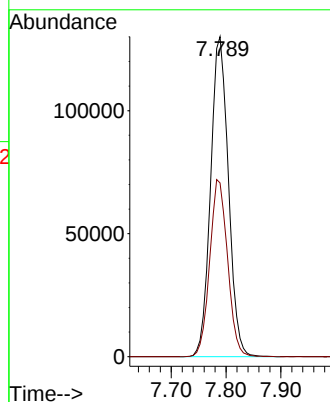
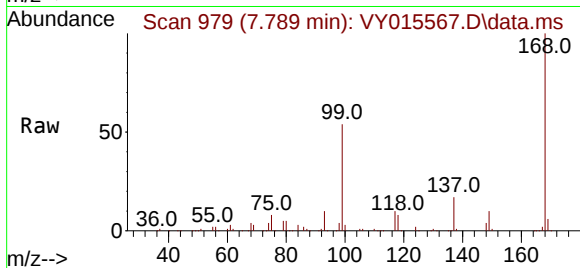




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

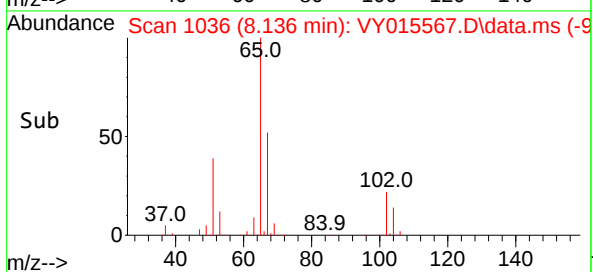
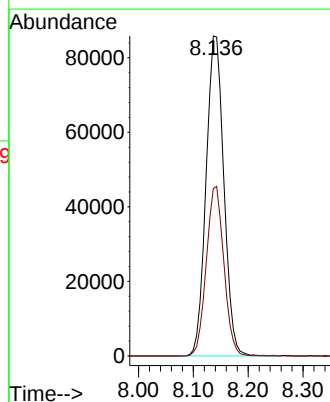
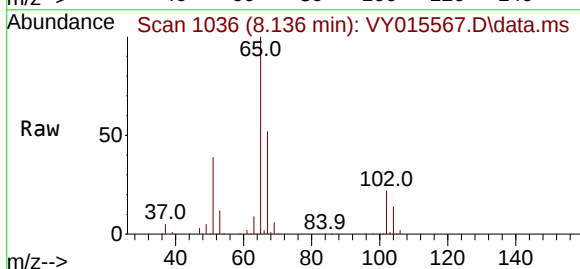
Instrument :
MSVOA_Y
ClientSampleId :
WC-1(0-2)GRAB

Tgt Ion:168 Resp: 292629
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 61.475 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Tgt Ion: 65 Resp: 192845
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1(0-2)GRAB

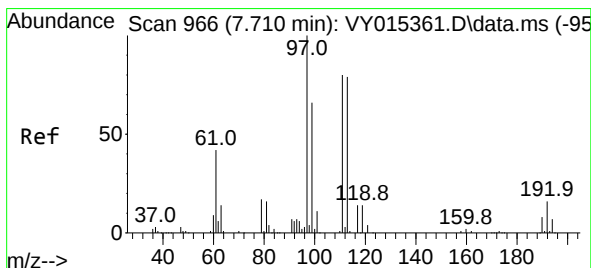
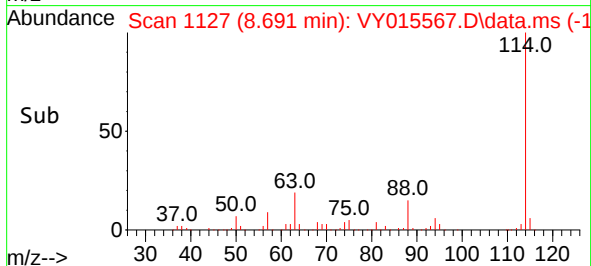
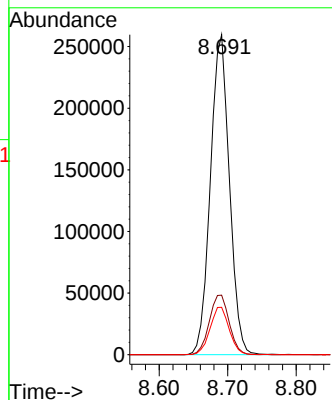
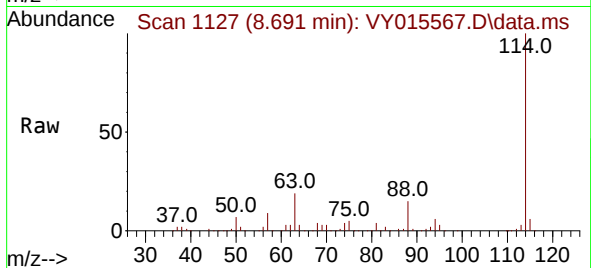
Tgt Ion:114 Resp: 499520

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.639 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

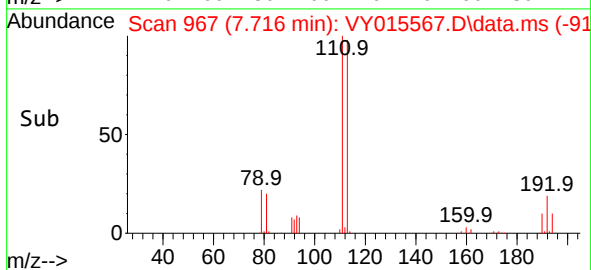
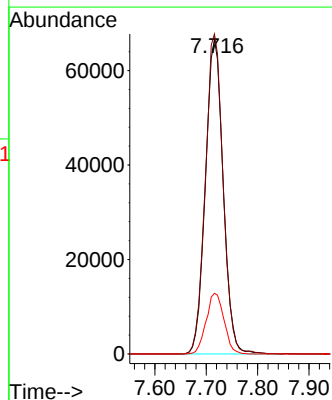
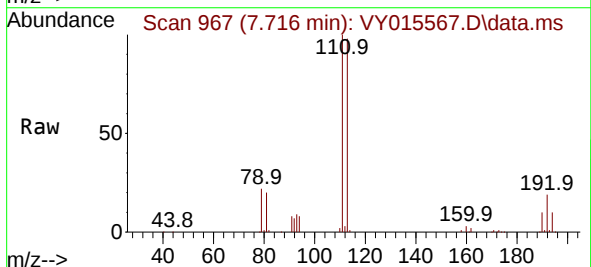
Tgt Ion:113 Resp: 160082

Ion Ratio Lower Upper

113 100

111 101.7 81.3 121.9

192 19.3 16.9 25.3

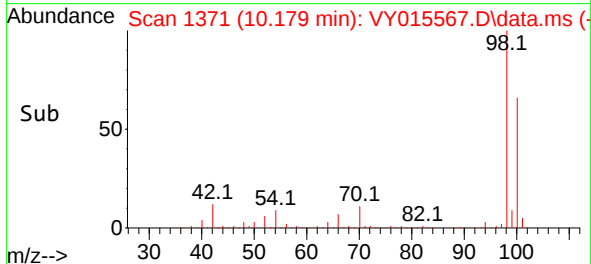
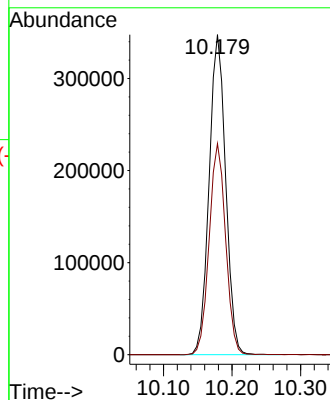
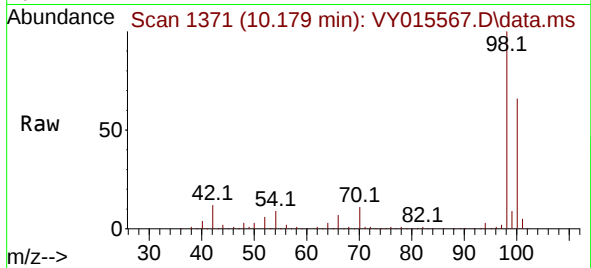




#50
Toluene-d8
Concen: 55.946 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

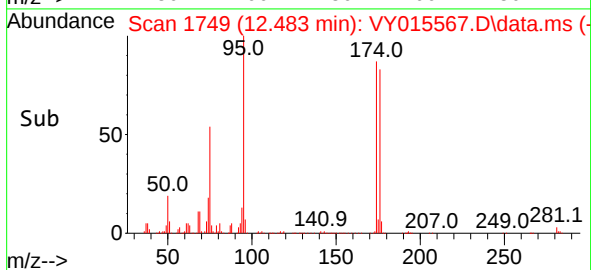
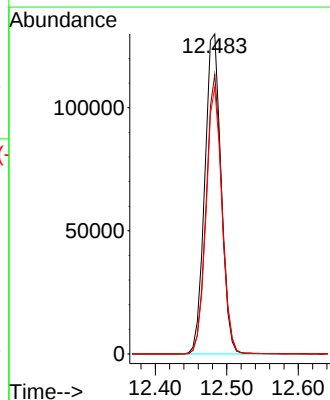
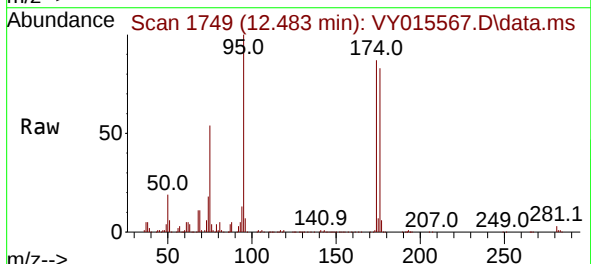
Instrument :
MSVOA_Y
ClientSampleId :
WC-1(0-2)GRAB

Tgt Ion: 98 Resp: 582910
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.994 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015567.D
Acq: 15 Sep 2023 14:17

Tgt Ion: 95 Resp: 204979
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 81.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

Instrument :

MSVOA_Y

ClientSampleId :

WC-1(0-2)GRAB

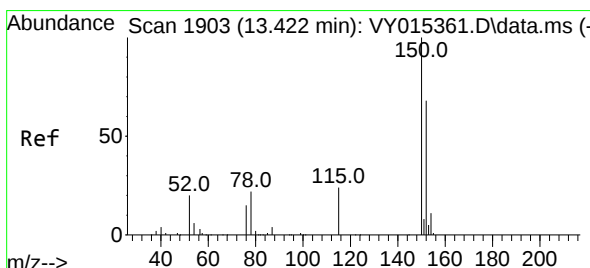
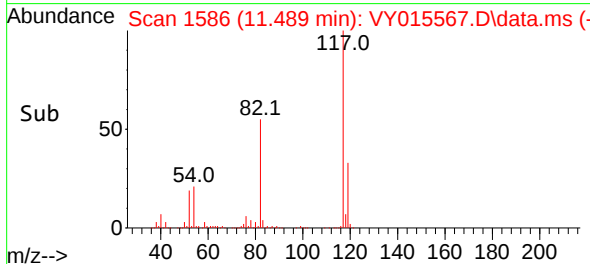
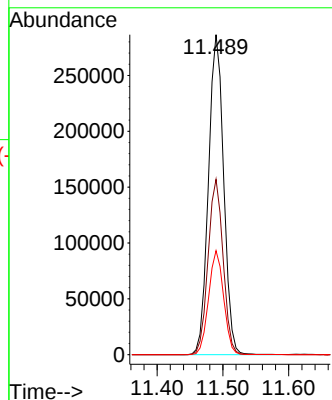
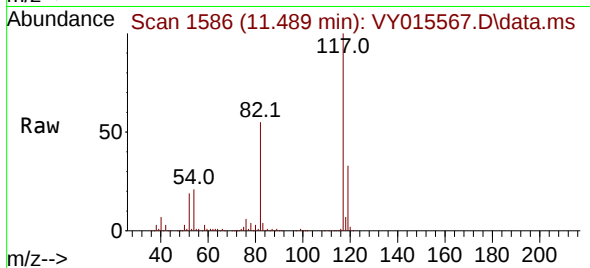
Tgt Ion:117 Resp: 461184

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.5 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015567.D

Acq: 15 Sep 2023 14:17

Tgt Ion:152 Resp: 218219

Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 156.4 0.0 348.8

