

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021976.D
 Acq On : 23 Apr 2025 17:00
 Operator : SY/MD
 Sample : Q1852-05
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-278

Quant Time: Apr 24 03:47:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	305658	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	585184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	513428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	194449	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150015	53.135	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.260%
35) Dibromofluoromethane	7.634	113	192788	49.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.103	98	702172	48.177	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.401	95	191306	38.990	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.980%

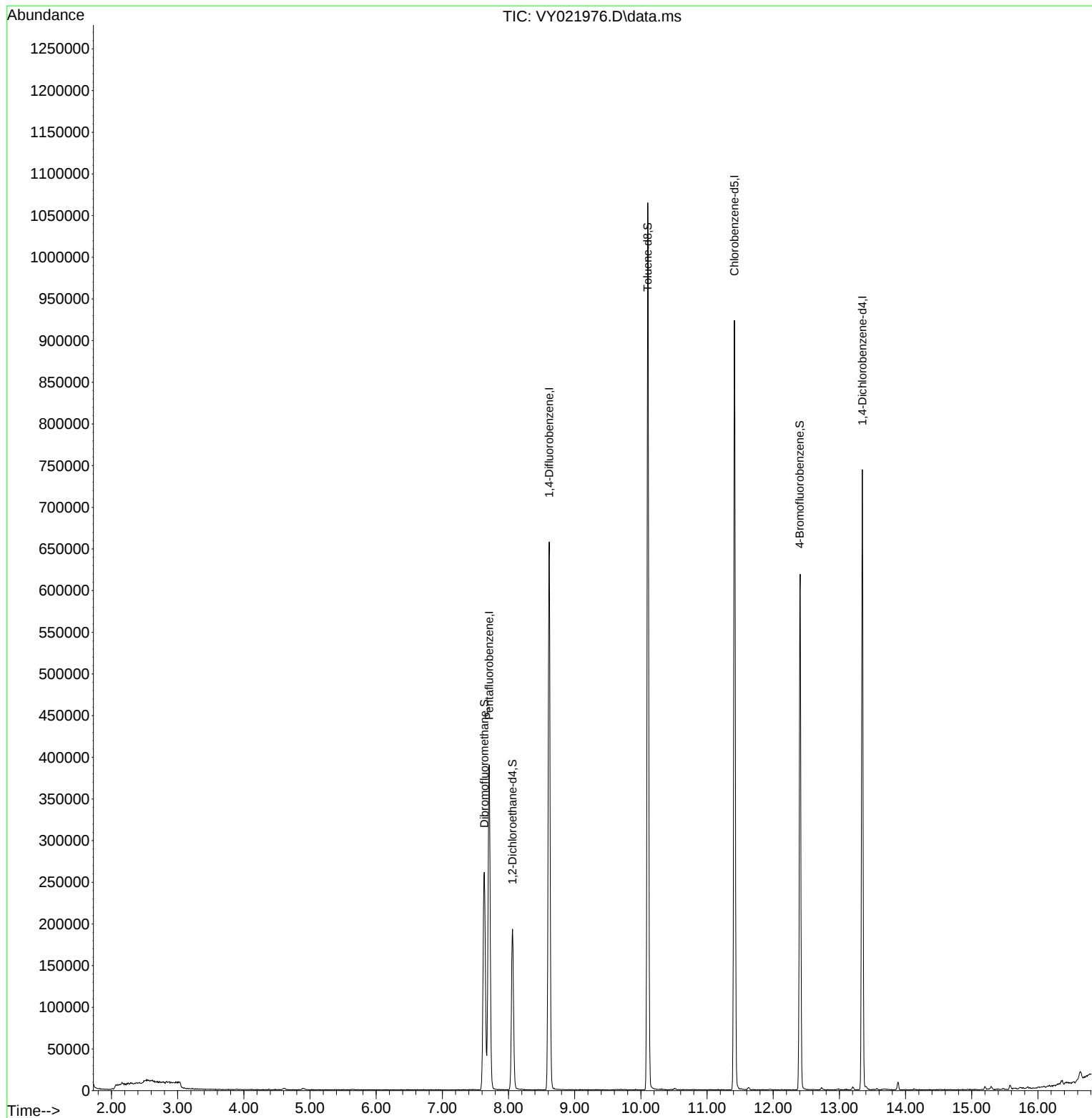
Target Compounds	Qvalue

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

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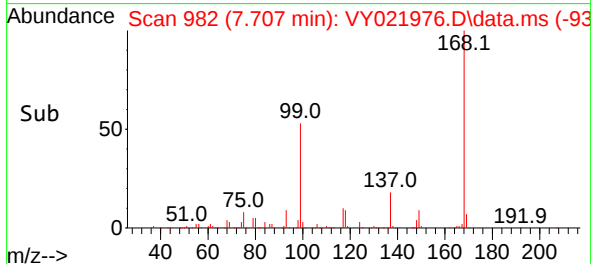
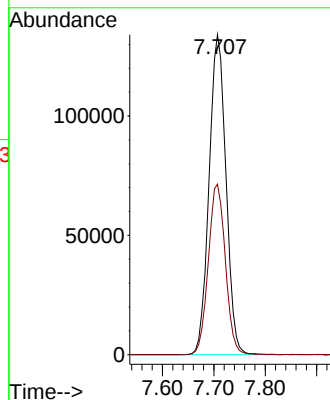
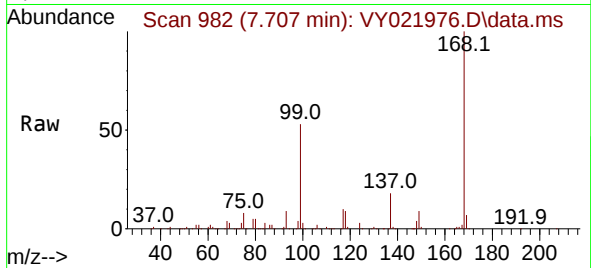




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

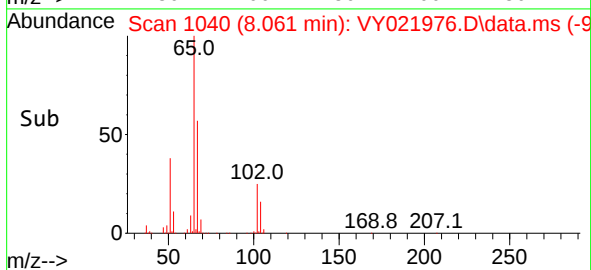
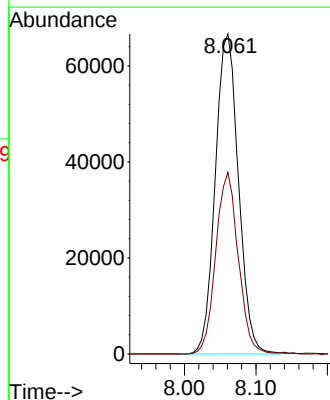
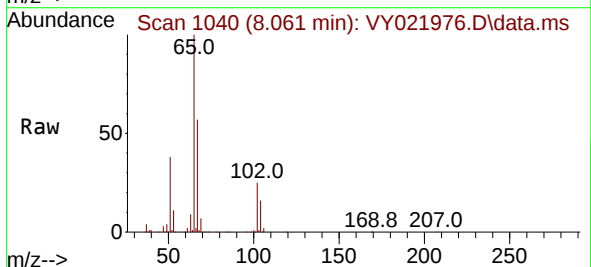
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

Tgt Ion:168 Resp: 305658
Ion Ratio Lower Upper
168 100
99 53.3 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 53.135 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 65 Resp: 150015
Ion Ratio Lower Upper
65 100
67 55.2 0.0 105.8

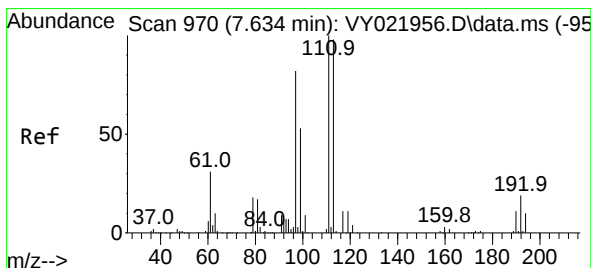
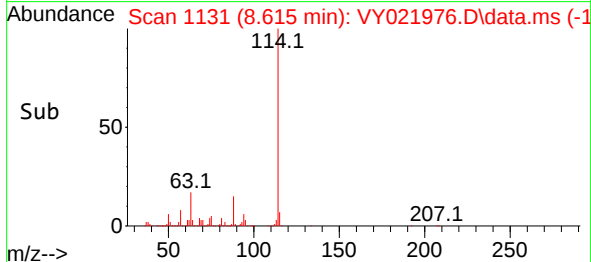
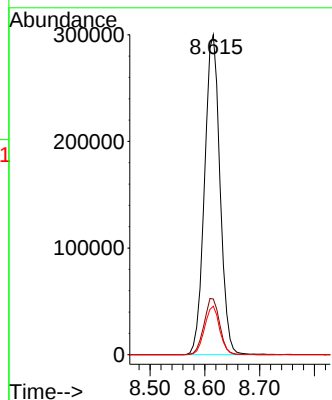
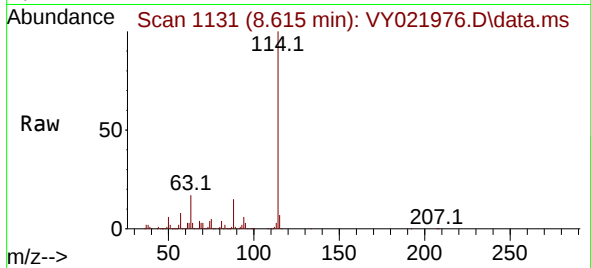




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

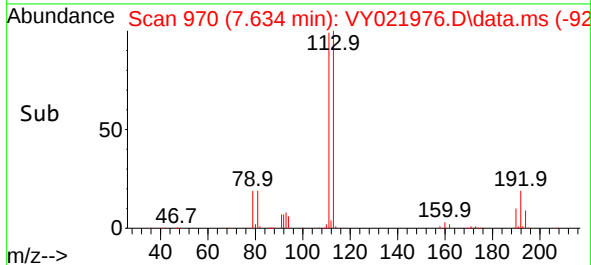
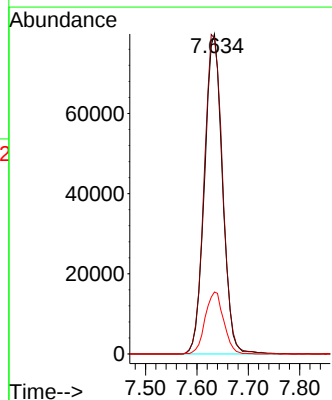
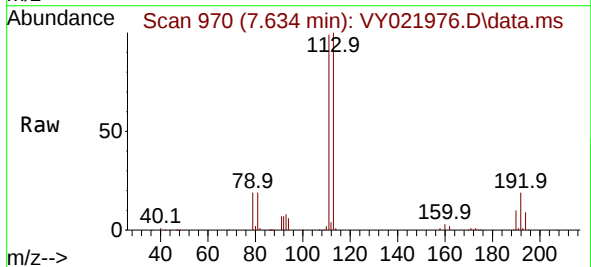
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

Tgt Ion:114 Resp: 585184
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.4
88 15.2 0.0 28.2



#35
Dibromofluoromethane
Concen: 49.867 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion:113 Resp: 192788
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 20.0 15.6 23.4

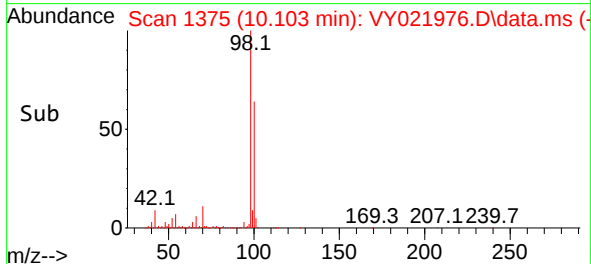
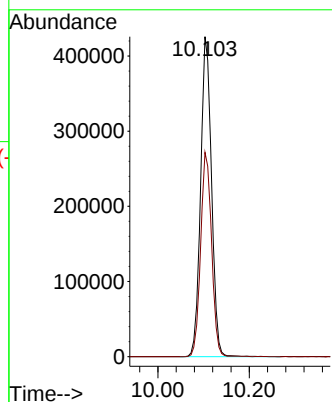
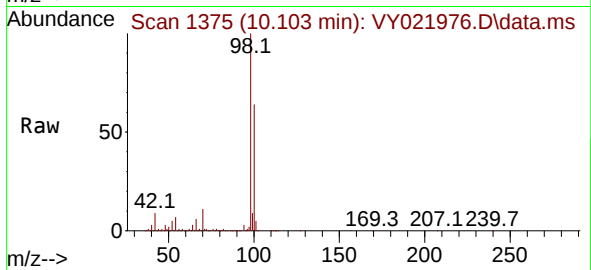




#50
Toluene-d8
Concen: 48.177 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

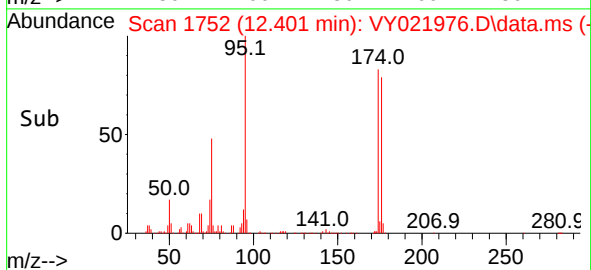
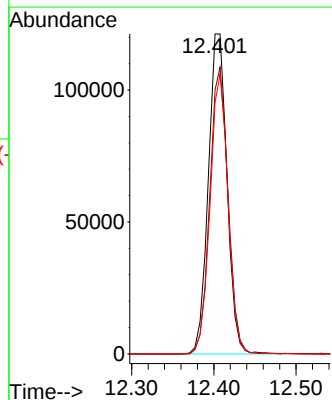
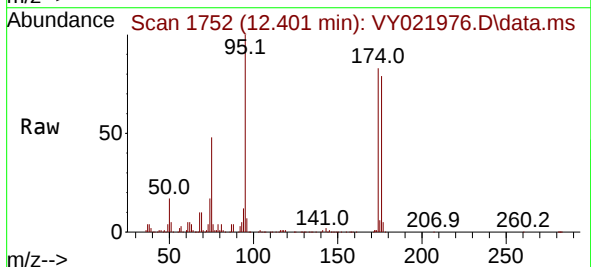
Instrument :
MSVOA_Y
ClientSampleId :
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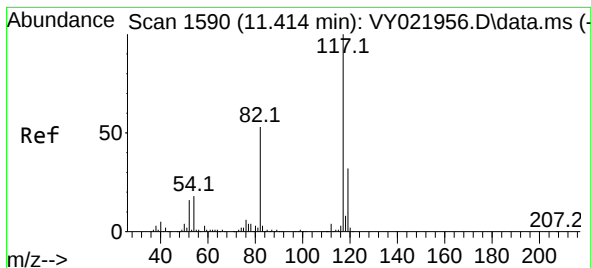
Tgt Ion: 98 Resp: 702172
Ion Ratio Lower Upper
98 100
100 64.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.990 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion: 95 Resp: 191306
Ion Ratio Lower Upper
95 100
174 87.8 0.0 179.0
176 84.4 0.0 171.8

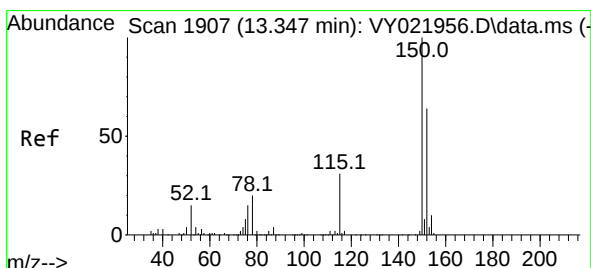
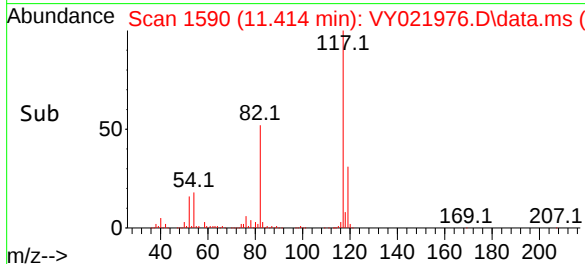
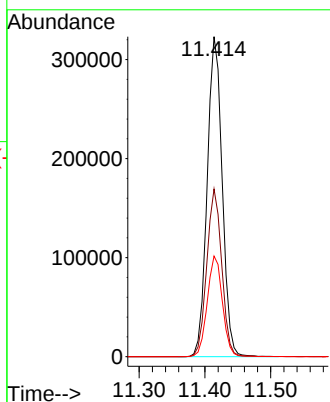
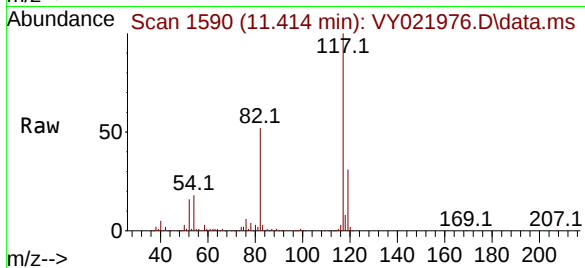




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-278

Tgt Ion:117 Resp: 513428
Ion Ratio Lower Upper
117 100
82 52.4 42.1 63.1
119 31.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY021976.D
Acq: 23 Apr 2025 17:00

Tgt Ion:152 Resp: 194449
Ion Ratio Lower Upper
152 100
115 55.5 28.0 84.0
150 154.2 0.0 345.6

