

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037871.D
 Acq On : 22 Sep 2023 12:18
 Operator : JC/MD
 Sample : 04578-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Sep 23 01:23:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	216447	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	377092	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	187952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138274	48.623	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.385	113	115245	45.675	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	8.647	98	460129	49.080	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.079	95	173592	50.956	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.920%

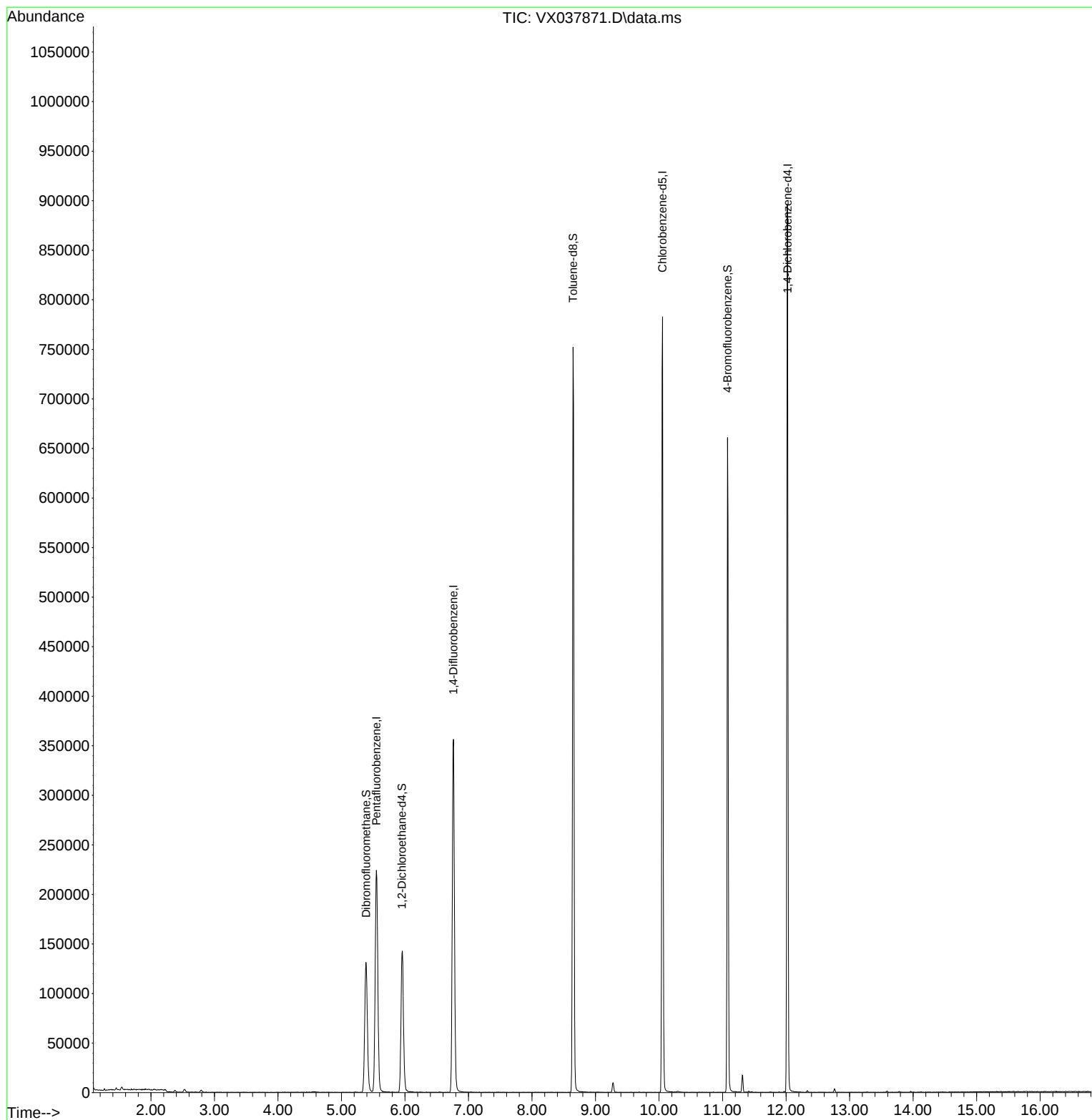
Target Compounds	Qvalue

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

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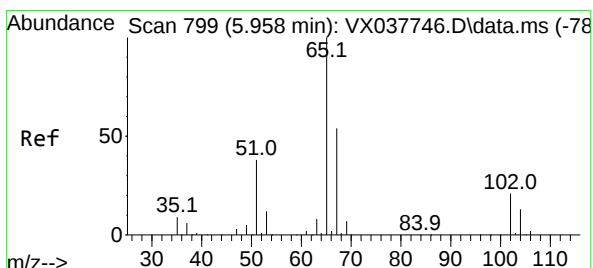
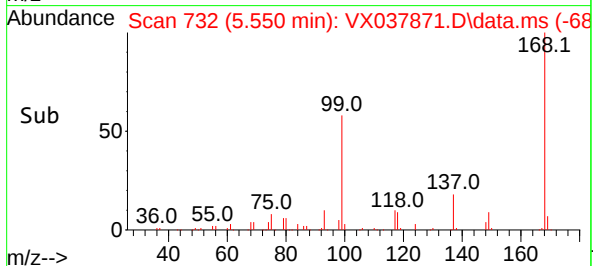
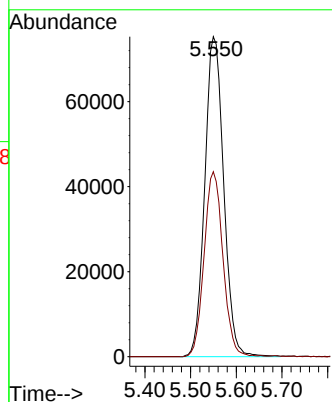
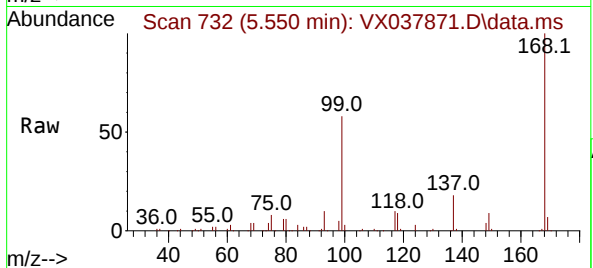




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

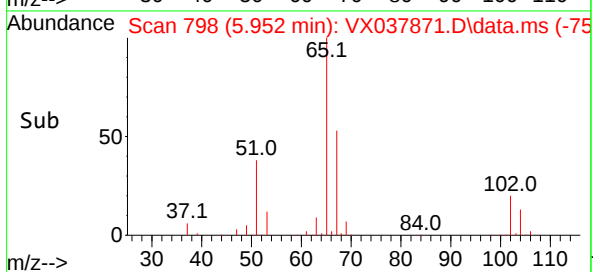
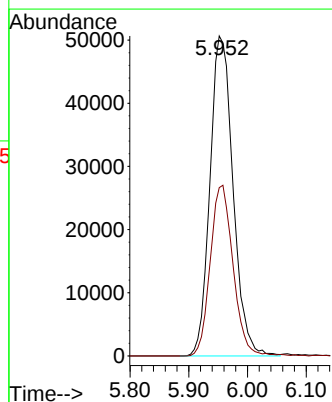
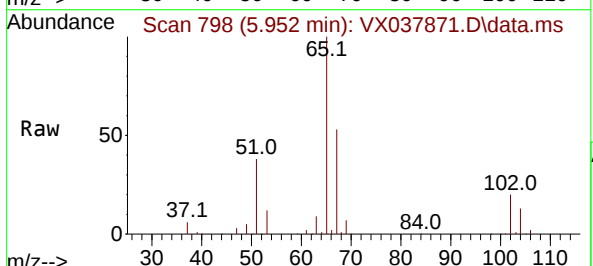
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:168 Resp: 216447
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 48.623 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion: 65 Resp: 138274
Ion Ratio Lower Upper
65 100
67 52.7 0.0 100.2

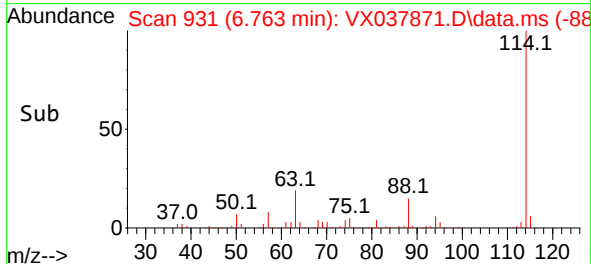
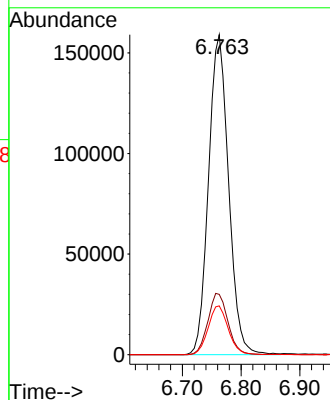
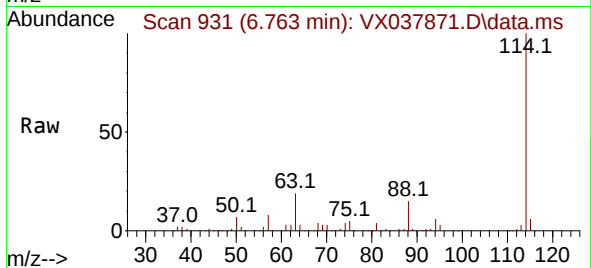




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

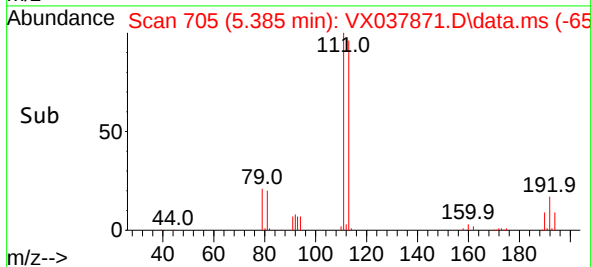
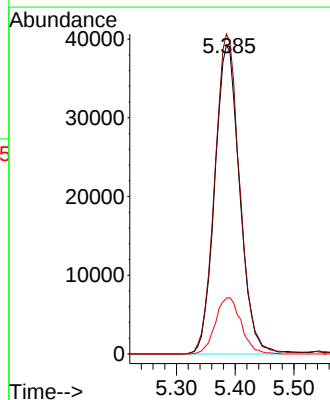
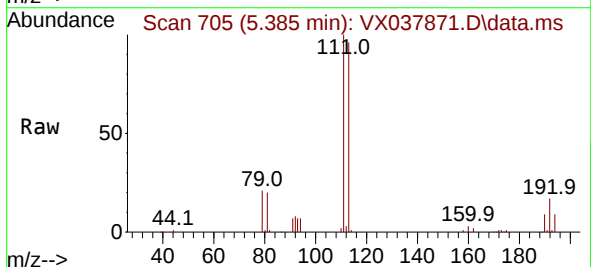
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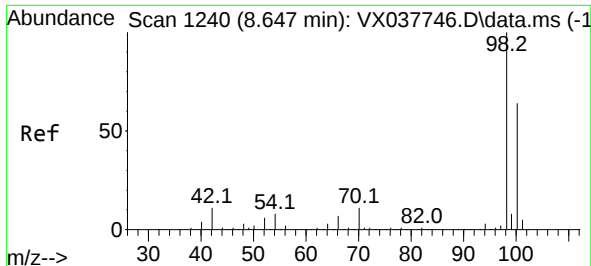
Tgt Ion:114 Resp: 377092
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.675 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion:113 Resp: 115245
Ion Ratio Lower Upper
113 100
111 104.0 82.9 124.3
192 18.8 13.3 19.9

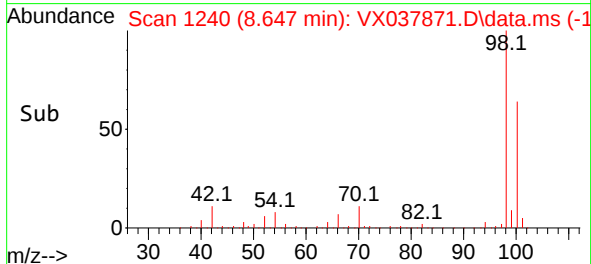
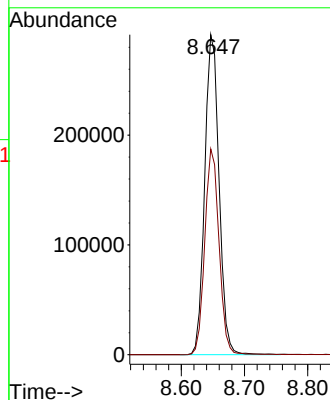
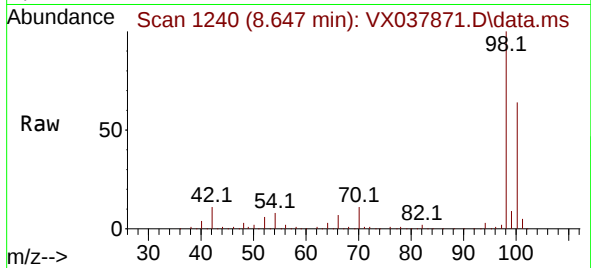




#50
Toluene-d8
Concen: 49.080 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

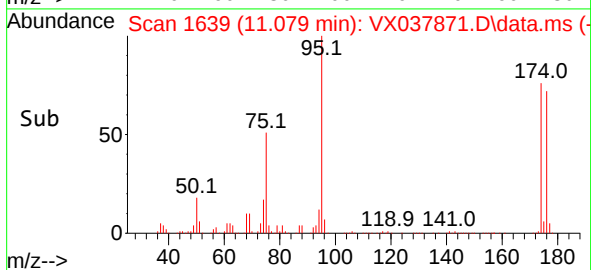
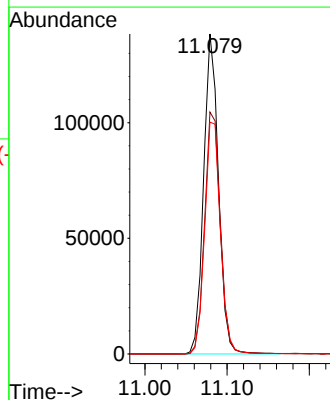
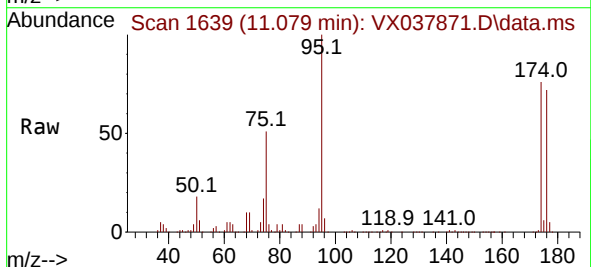
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 460129
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.956 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037871.D
Acq: 22 Sep 2023 12:18

Tgt Ion: 95 Resp: 173592
Ion Ratio Lower Upper
95 100
174 80.2 0.0 135.6
176 77.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX037871.D

Acq: 22 Sep 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

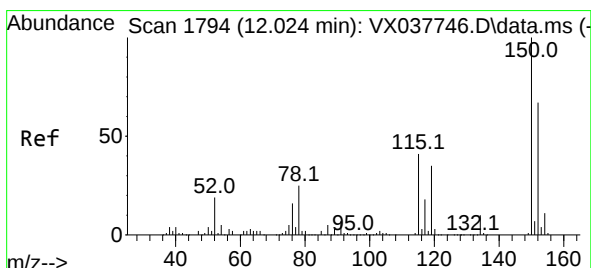
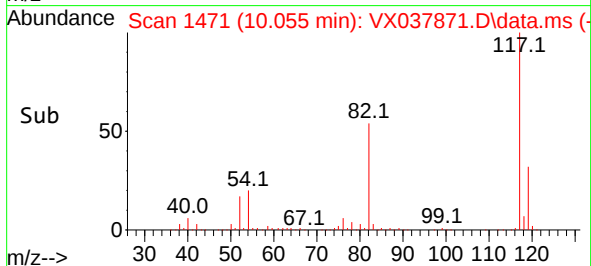
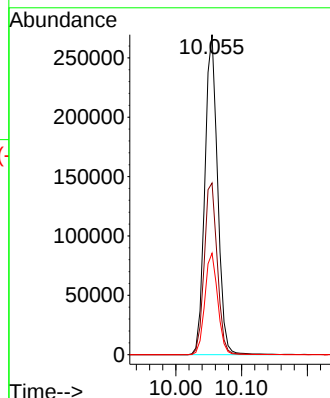
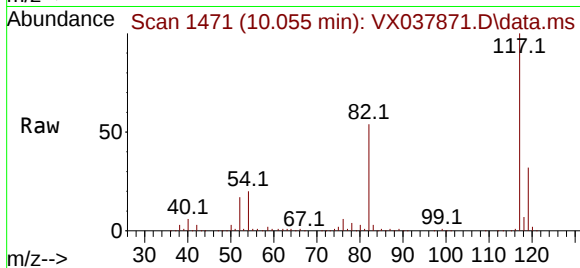
Tgt Ion:117 Resp: 362729

Ion Ratio Lower Upper

117 100

82 53.7 46.2 69.4

119 31.7 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX037871.D

Acq: 22 Sep 2023 12:18

Tgt Ion:152 Resp: 187952

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 157.5 0.0 345.0

