

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100325\
 Data File : VX047992.D
 Acq On : 03 Oct 2025 14:32
 Operator : JC/MD
 Sample : Q3226-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 03 23:48:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	121132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	250940	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	259662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	132559	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	106296	55.129	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.260%
35) Dibromofluoromethane	5.373	113	84088	49.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.920%
50) Toluene-d8	8.634	98	281174	48.284	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.560%
62) 4-Bromofluorobenzene	11.067	95	123165	55.729	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.460%

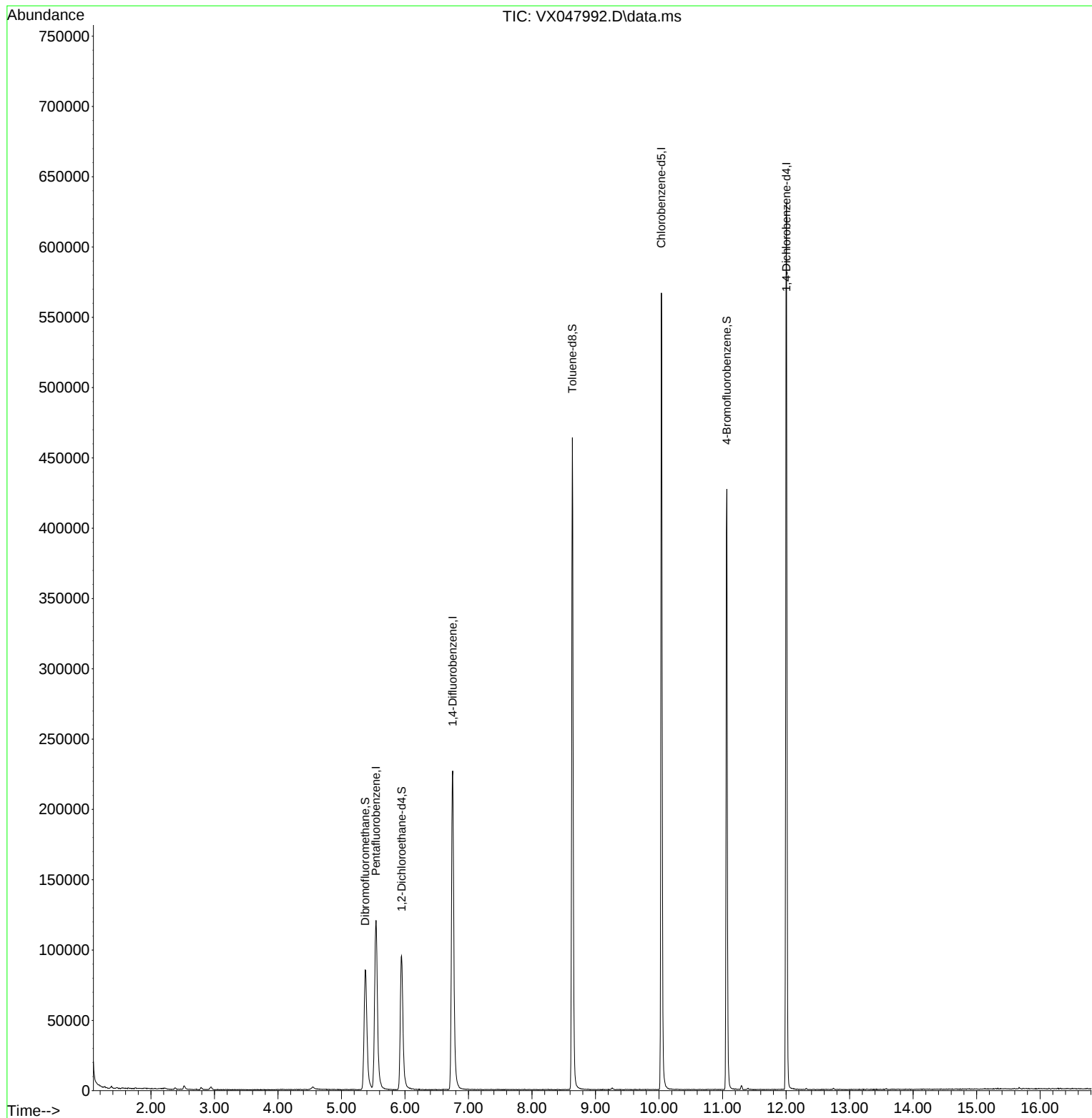
Target Compounds	Qvalue

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

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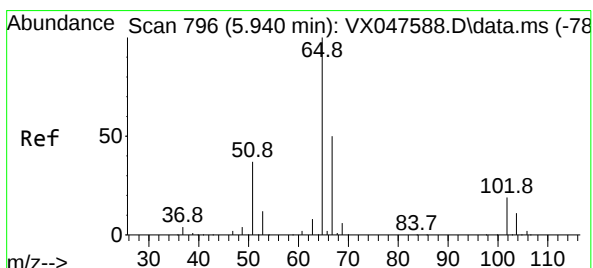
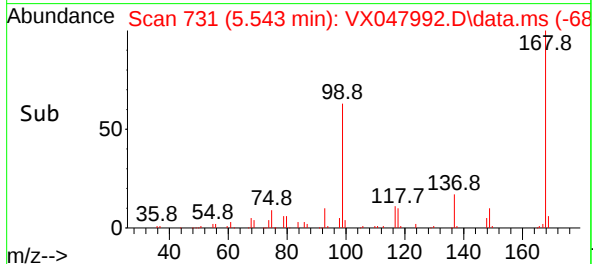
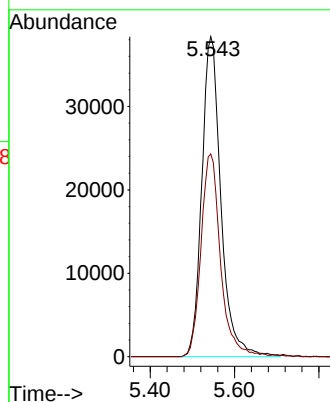
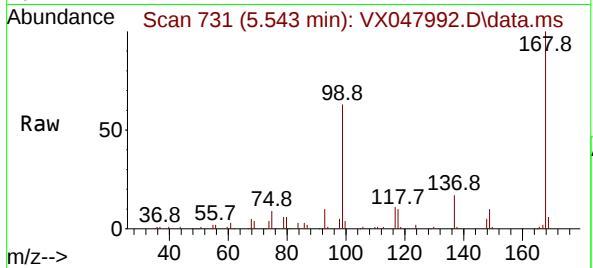




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.000 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

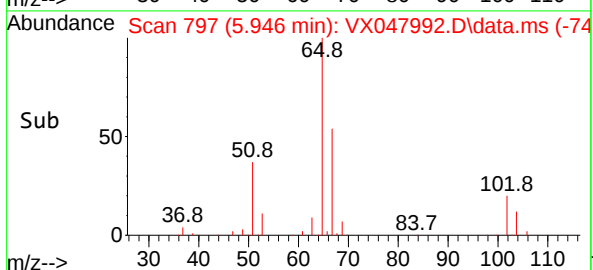
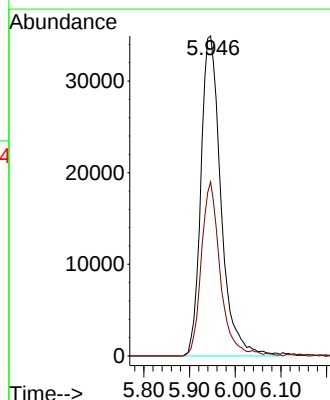
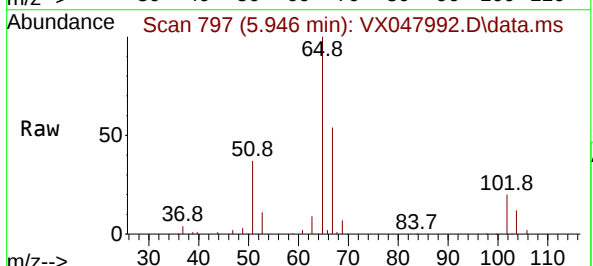
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

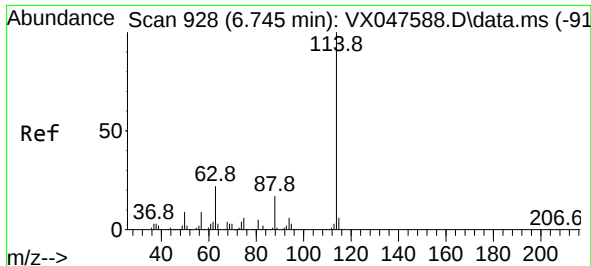
Tgt Ion:168 Resp: 121132
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.129 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

Tgt Ion: 65 Resp: 106296
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

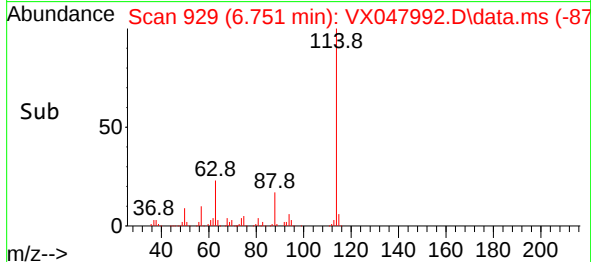
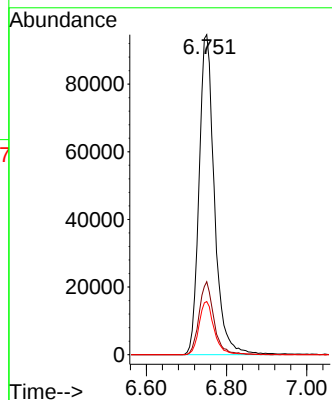
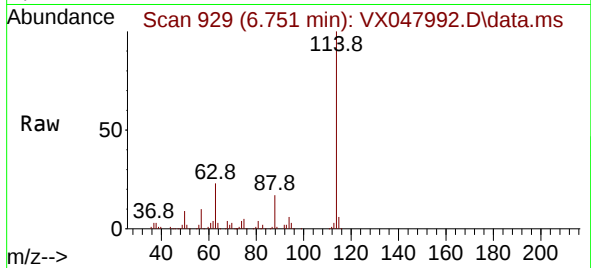




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

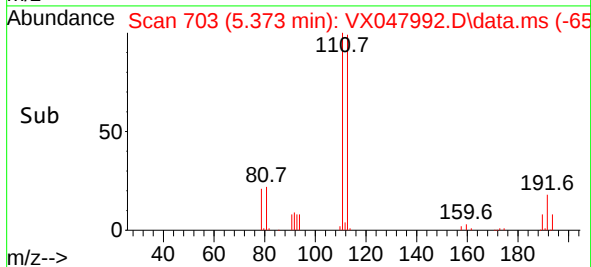
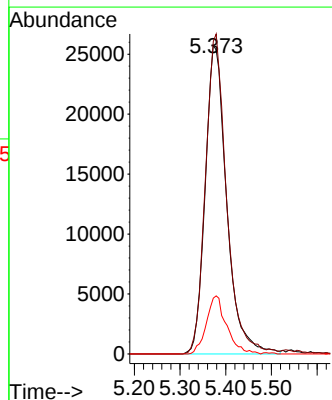
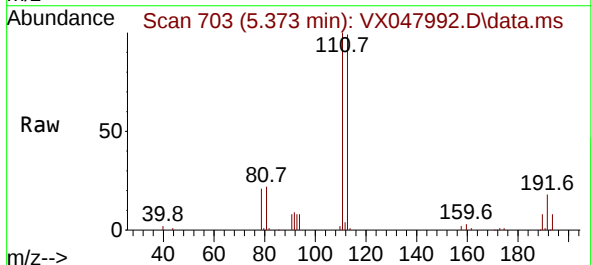
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 250940
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 16.6 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.965 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

Tgt Ion:113 Resp: 84088
Ion Ratio Lower Upper
113 100
111 101.6 80.9 121.3
192 17.7 14.2 21.4

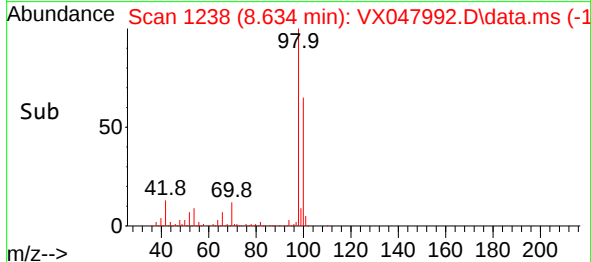
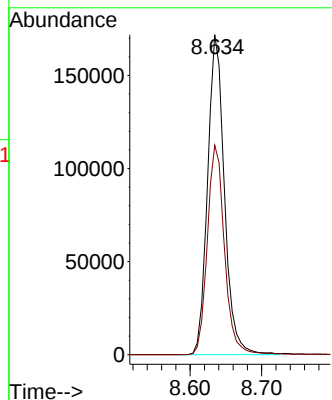
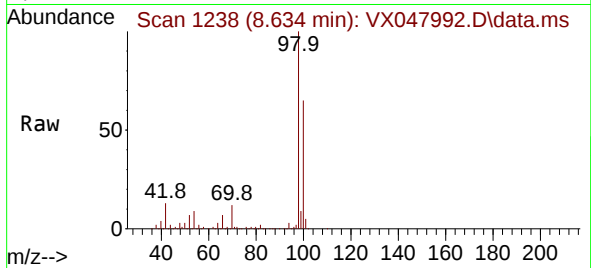




#50
Toluene-d8
Concen: 48.284 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

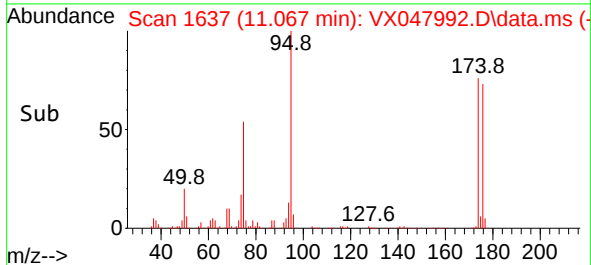
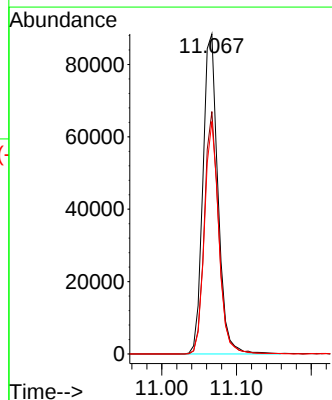
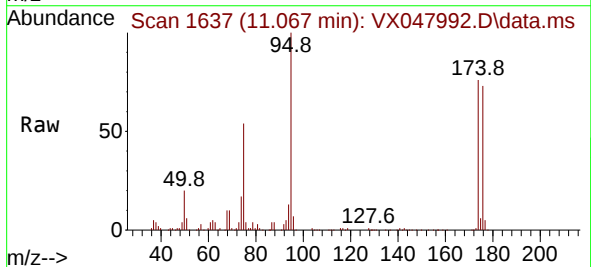
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SOIL-REF-6

Tgt Ion: 98 Resp: 281174
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.729 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047992.D
Acq: 03 Oct 2025 14:32

Tgt Ion: 95 Resp: 123165
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.7 0.0 138.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.037 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

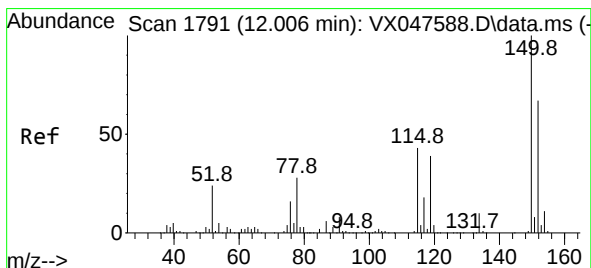
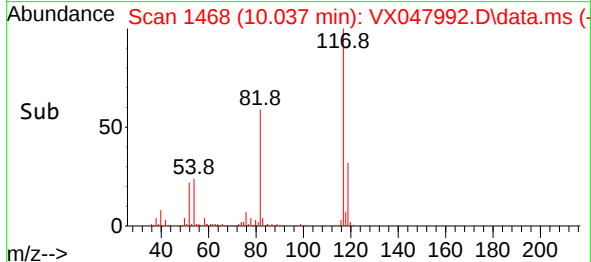
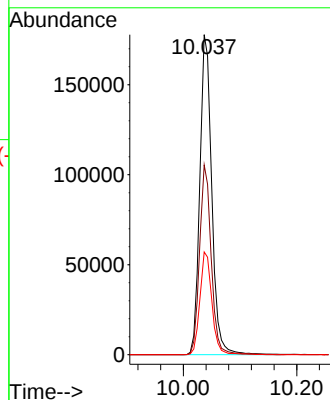
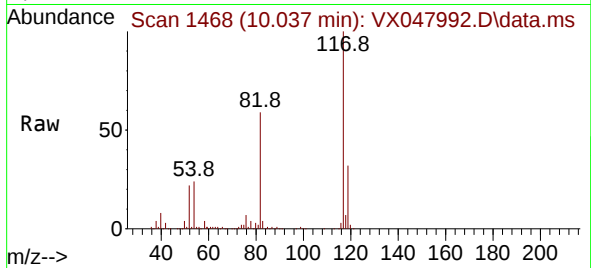
Tgt Ion:117 Resp: 259662

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.6

119 32.1 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047992.D

Acq: 03 Oct 2025 14:32

Tgt Ion:152 Resp: 132559

Ion Ratio Lower Upper

152 100

115 62.5 44.9 134.5

150 156.5 0.0 352.0

