

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100225\
 Data File : VX047954.D
 Acq On : 02 Oct 2025 09:20
 Operator : JC/MD
 Sample : VX1002MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1002MBL01

Quant Time: Oct 03 03:25:10 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	5.531	168	130635	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.739	114	260130	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	127220	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.934	65	98600	47.418	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.840%
35) Dibromofluoromethane	5.367	113	84827	48.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.240%
50) Toluene-d8	8.628	98	290638	48.146	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.300%
62) 4-Bromofluorobenzene	11.061	95	119232	52.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.080%

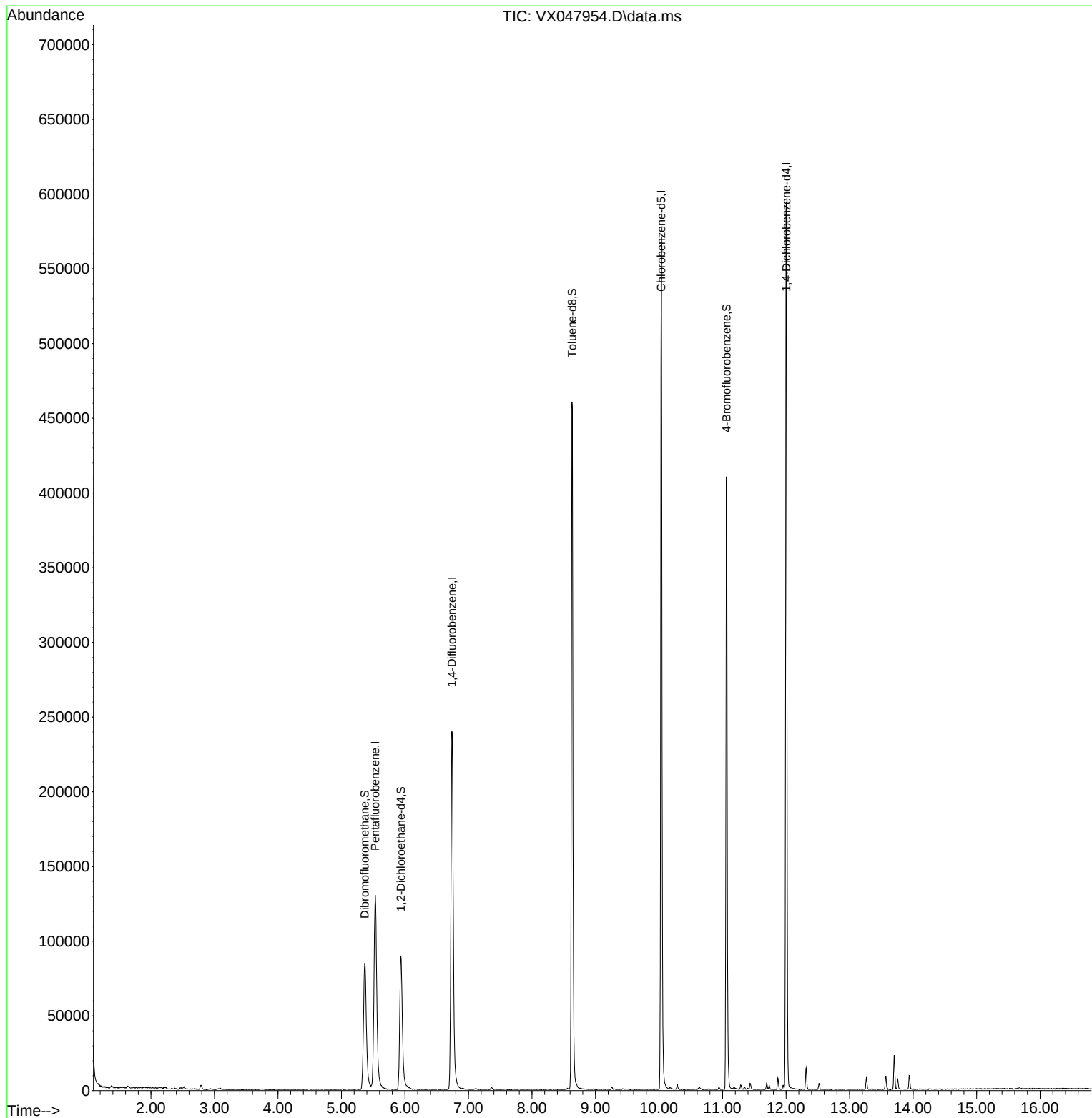
Target Compounds	Qvalue

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

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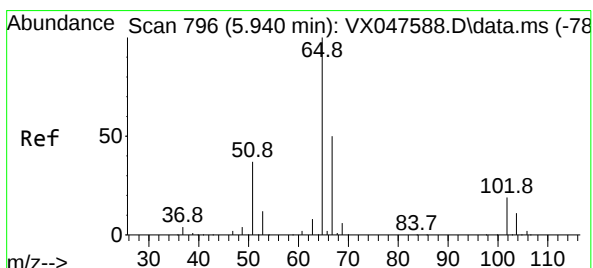
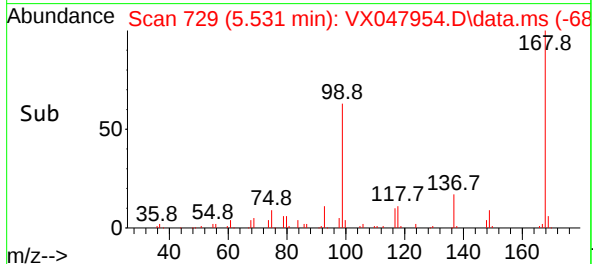
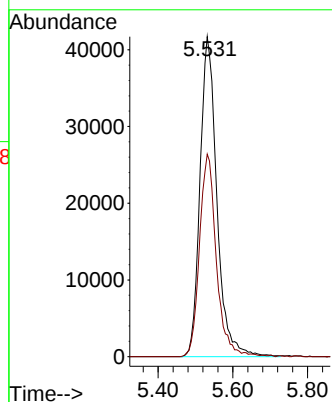
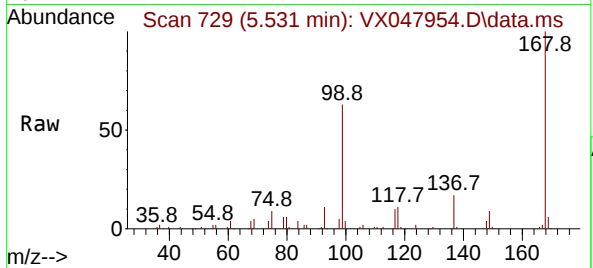




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.531 min Scan# 719
Delta R.T. -0.013 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

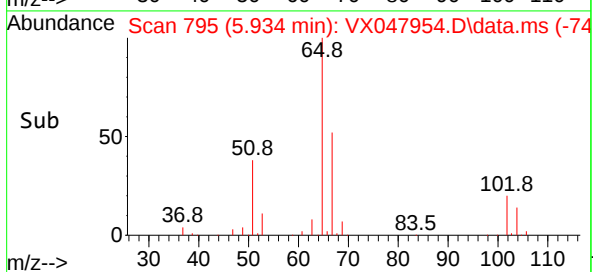
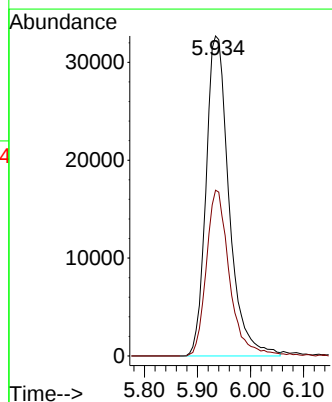
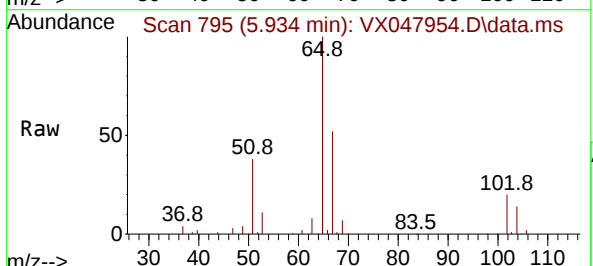
Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion:168 Resp: 130635
Ion Ratio Lower Upper
168 100
99 63.3 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 47.418 ug/l
RT: 5.934 min Scan# 795
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 65 Resp: 98600
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

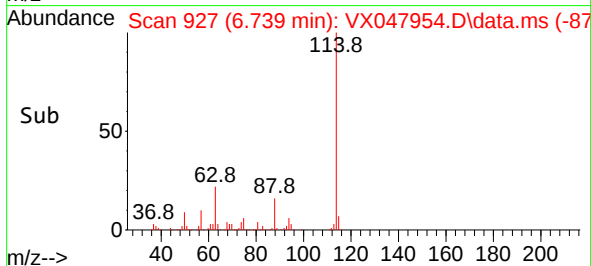
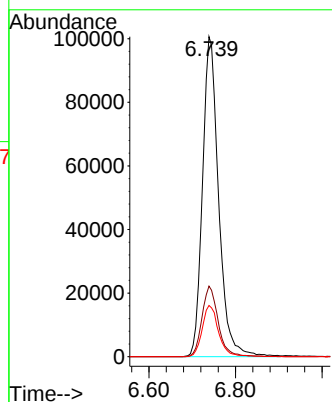
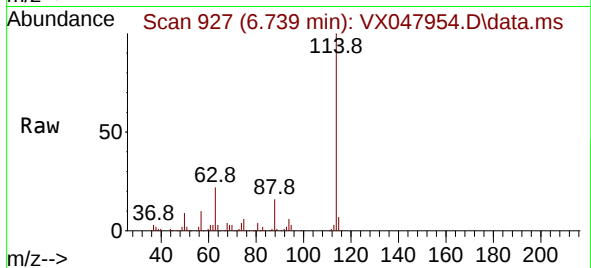




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

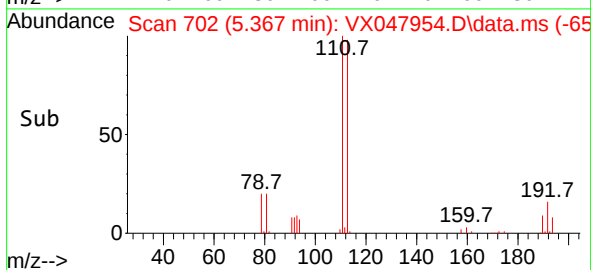
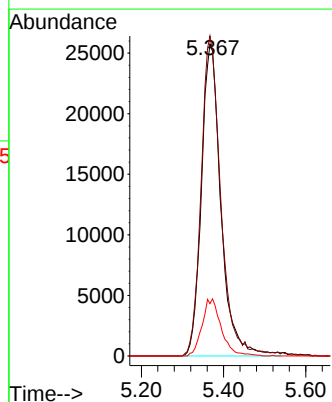
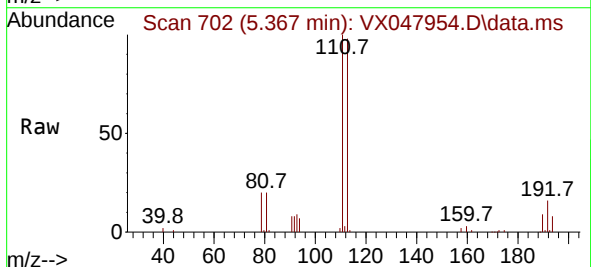
Instrument :
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ClientSampleId :
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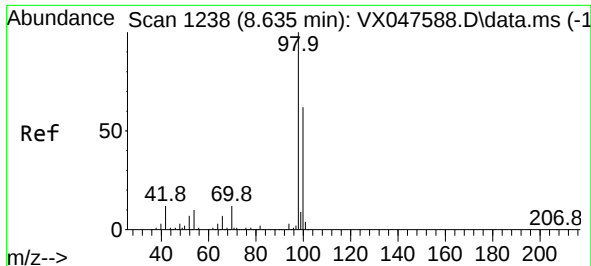
Tgt Ion:114 Resp: 260130
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.623 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion:113 Resp: 84827
Ion Ratio Lower Upper
113 100
111 103.0 80.9 121.3
192 18.0 14.2 21.4

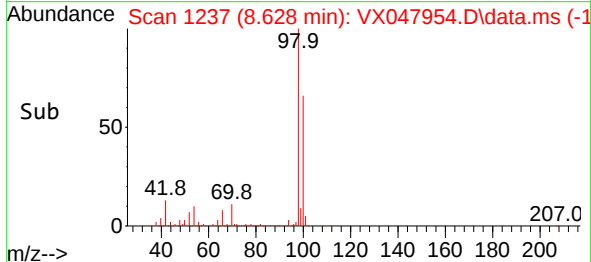
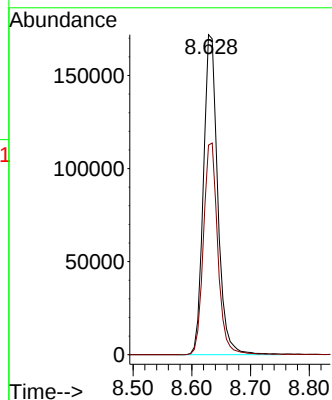
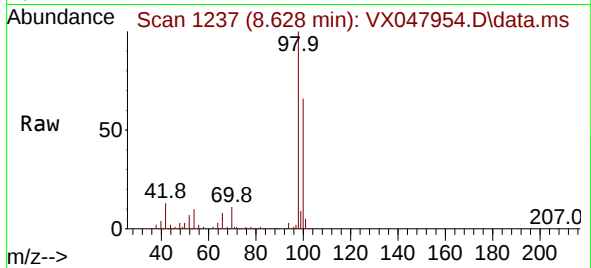




#50
Toluene-d8
Concen: 48.146 ug/l
RT: 8.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

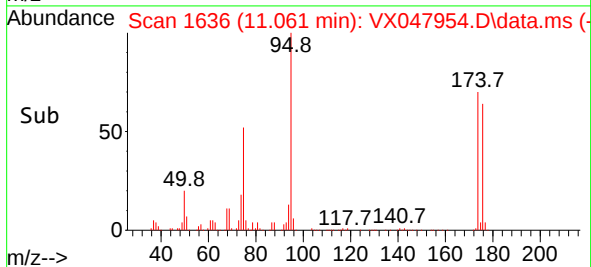
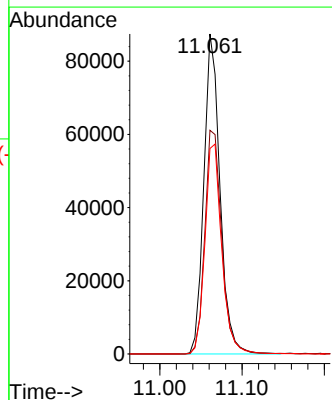
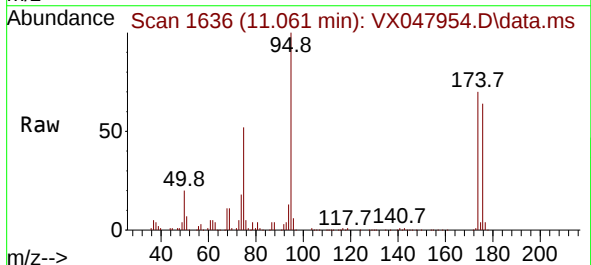
Instrument :
MSVOA_X
ClientSampleId :
VX1002MBL01

Tgt Ion: 98 Resp: 290638
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 52.044 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047954.D
Acq: 02 Oct 2025 09:20

Tgt Ion: 95 Resp: 119232
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.6
176 68.6 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: VX047954.D

Acq: 02 Oct 2025 09:20

Instrument :

MSVOA_X

ClientSampleId :

VX1002MBL01

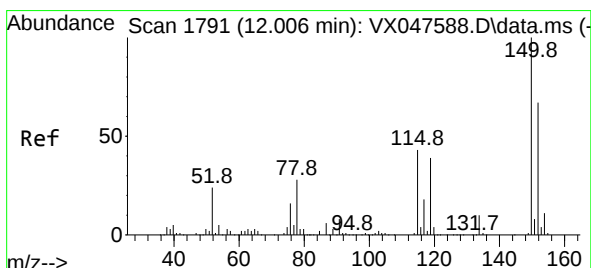
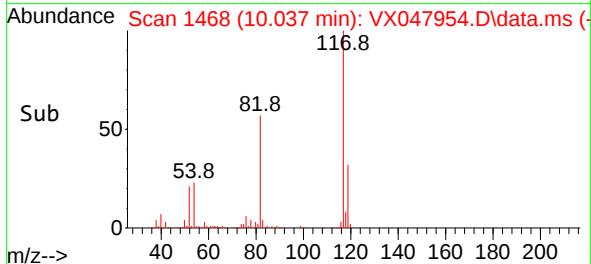
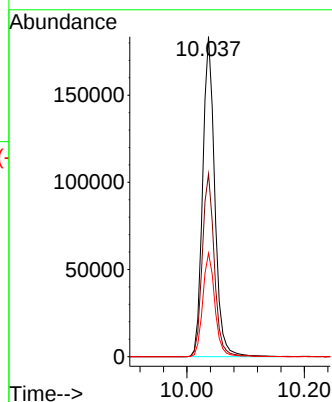
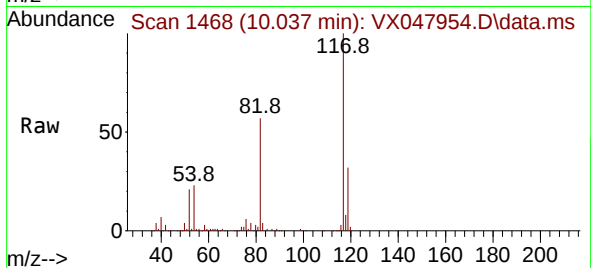
Tgt Ion:117 Resp: 261662

Ion Ratio Lower Upper

117 100

82 57.1 47.8 71.6

119 32.4 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: VX047954.D

Acq: 02 Oct 2025 09:20

Tgt Ion:152 Resp: 127220

Ion Ratio Lower Upper

152 100

115 63.4 44.9 134.5

150 156.7 0.0 352.0

