

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047885.D
 Acq On : 29 Sep 2025 15:41
 Operator : JC/MD
 Sample : Q3213-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-TB-20250923

Quant Time: Sep 30 01:22:36 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	141653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	299169	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	307943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	161425	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	124215	55.090	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.180%
35) Dibromofluoromethane	5.379	113	101921	50.798	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	8.634	98	340143	48.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.980%
62) 4-Bromofluorobenzene	11.067	95	148173	56.237	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.480%

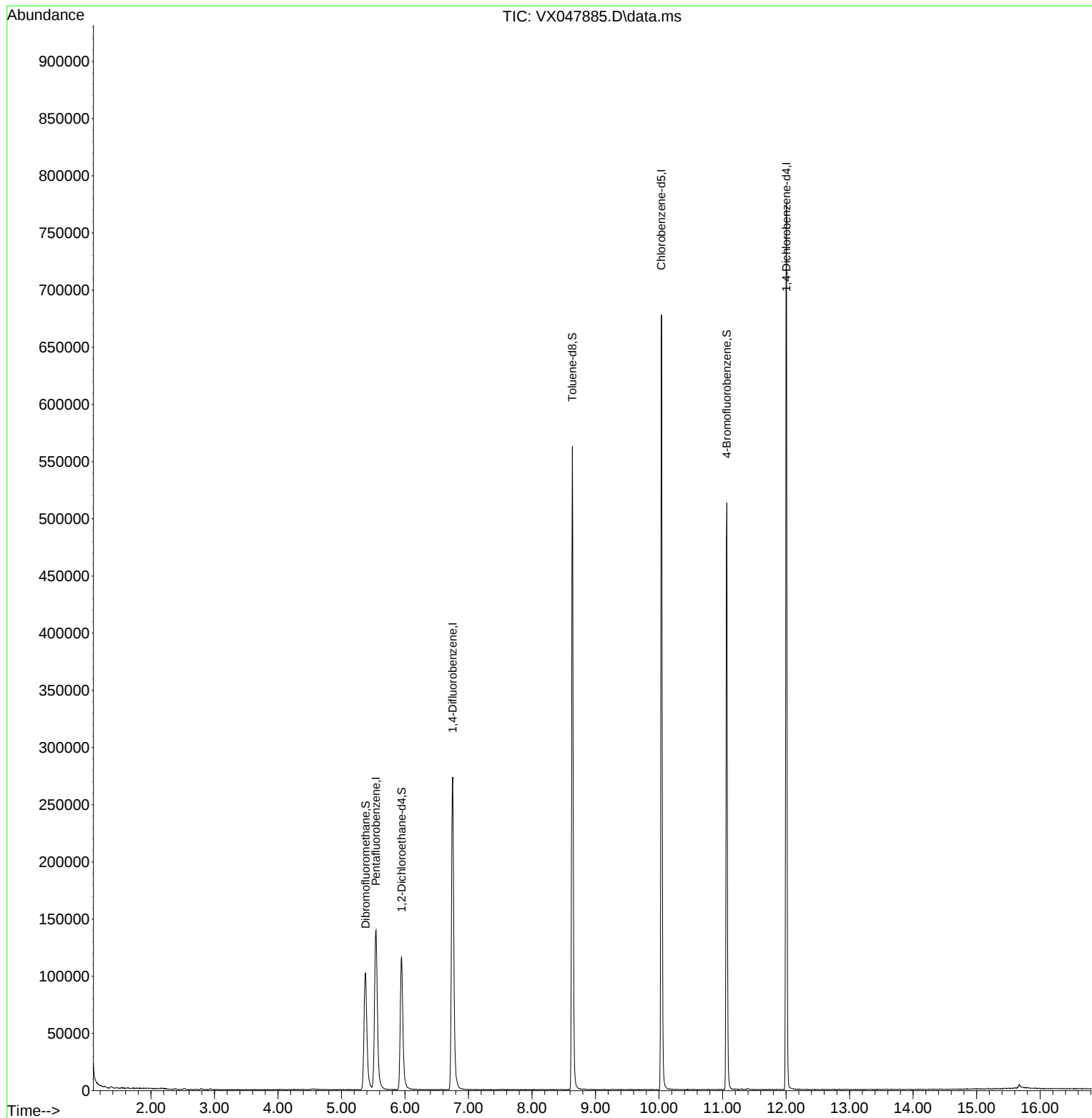
Target Compounds	Qvalue

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

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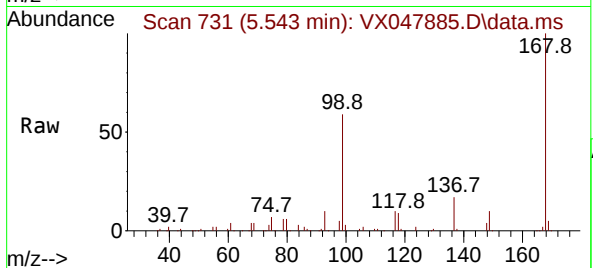
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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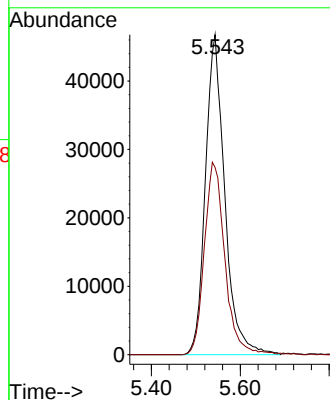
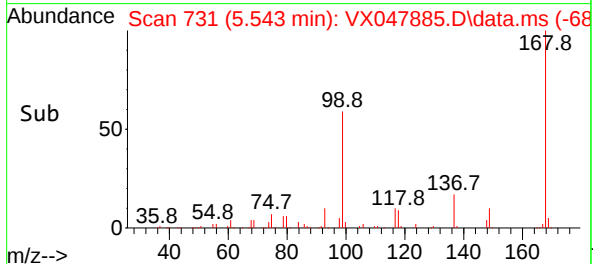


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
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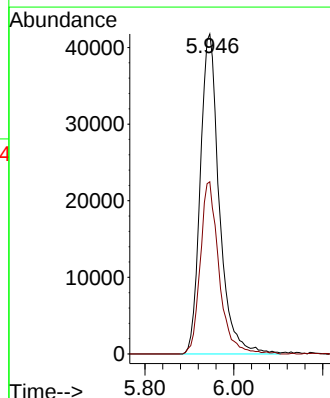
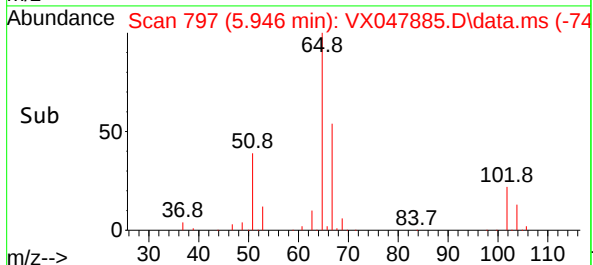
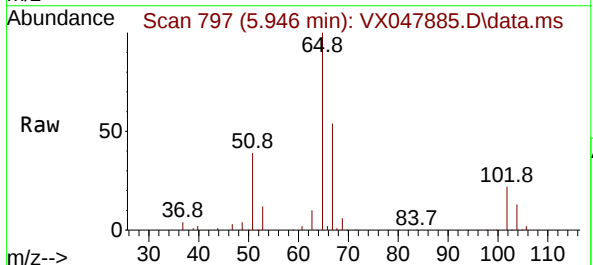


Tgt Ion:168 Resp: 141653
Ion Ratio Lower Upper
168 100
99 58.5 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 55.090 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

Tgt Ion: 65 Resp: 124215
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

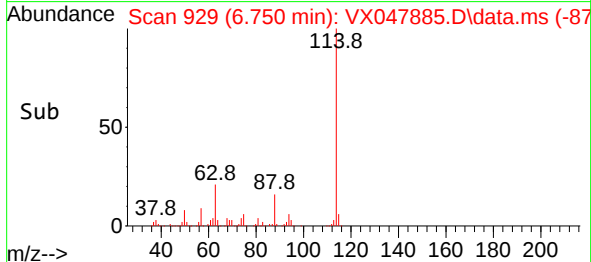
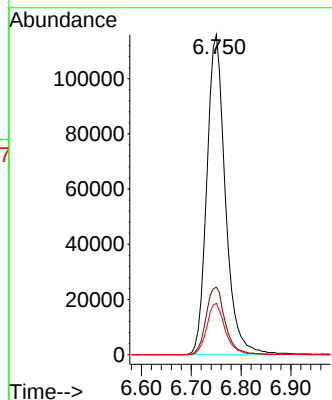
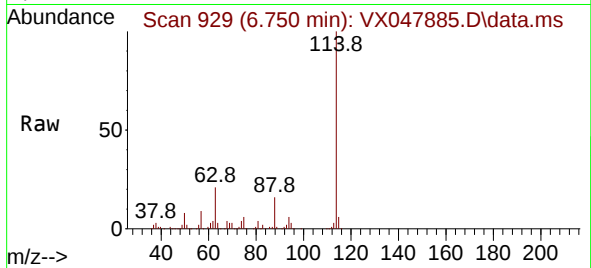




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.750 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

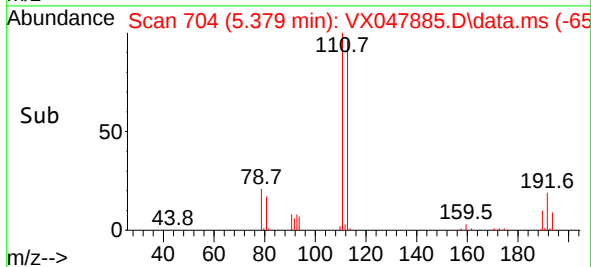
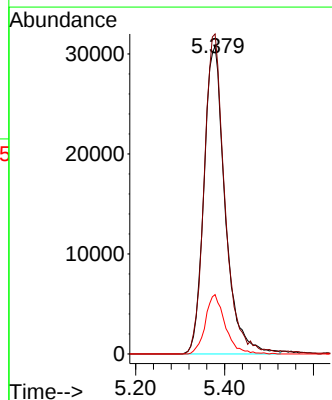
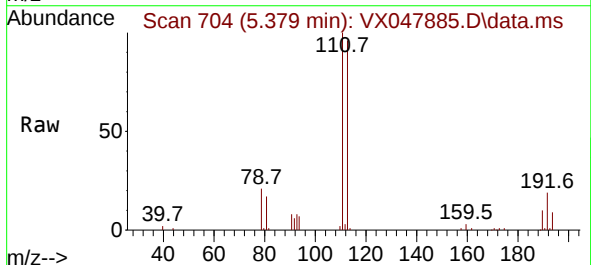
Instrument :
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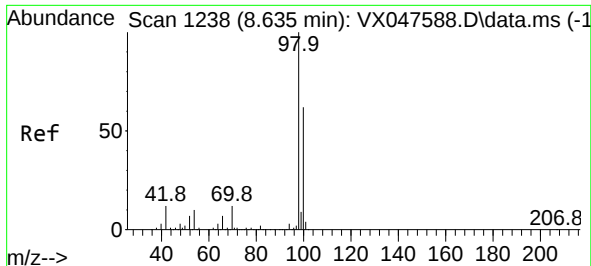
Tgt Ion:114 Resp: 299169
Ion Ratio Lower Upper
114 100
63 21.1 0.0 44.0
88 16.1 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.798 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

Tgt Ion:113 Resp: 101921
Ion Ratio Lower Upper
113 100
111 101.4 80.9 121.3
192 18.1 14.2 21.4

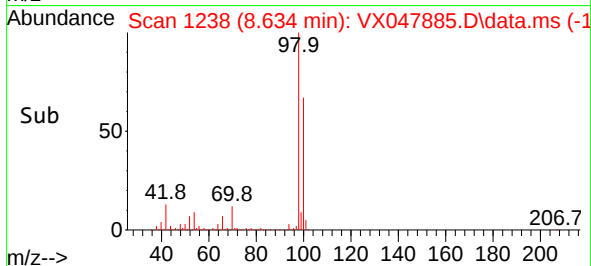
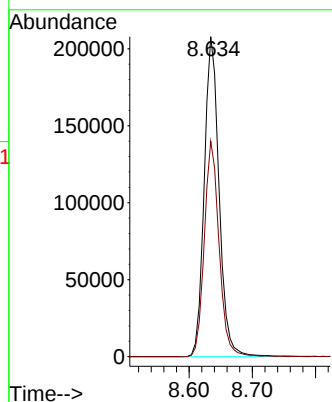
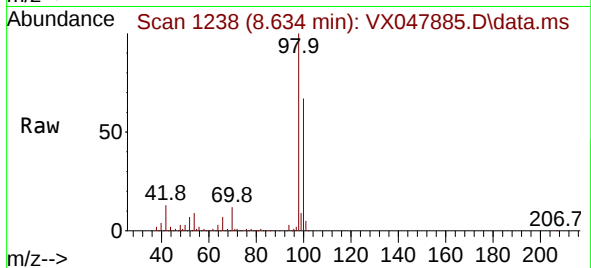




#50
Toluene-d8
Concen: 48.994 ug/l
RT: 8.634 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

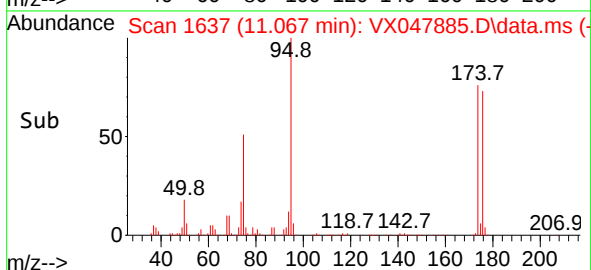
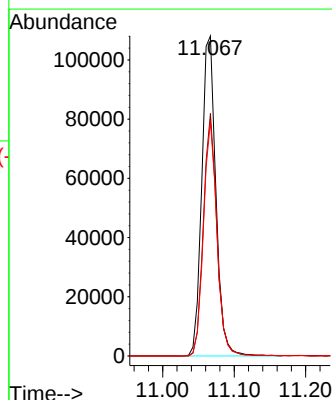
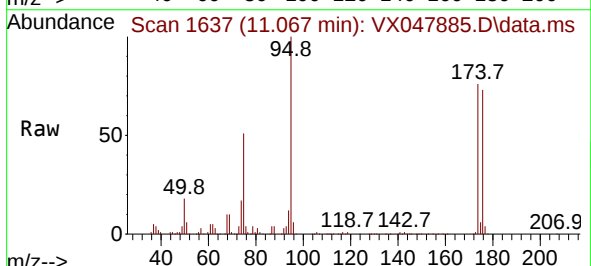
Instrument :
MSVOA_X
ClientSampleId :
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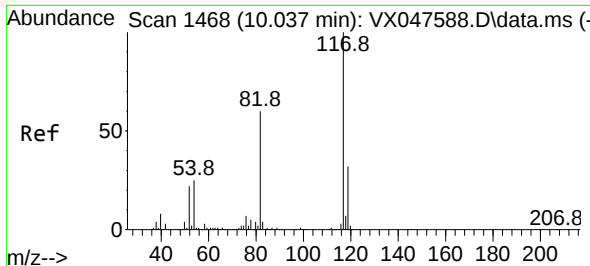
Tgt Ion: 98 Resp: 340143
Ion Ratio Lower Upper
98 100
100 67.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 56.237 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

Tgt Ion: 95 Resp: 148173
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 70.1 0.0 138.4

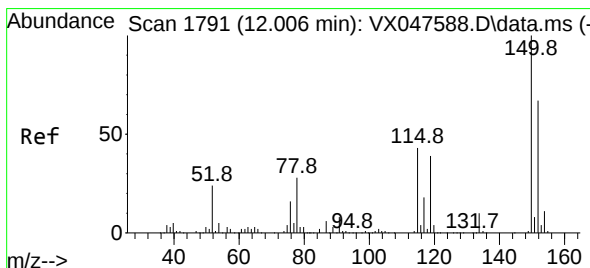
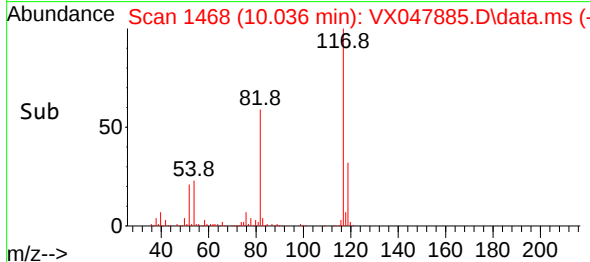
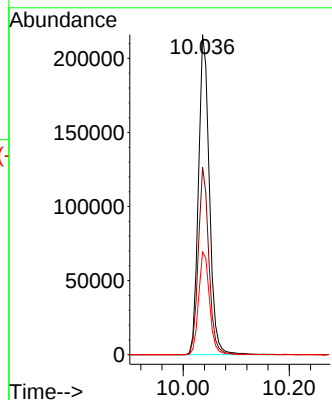
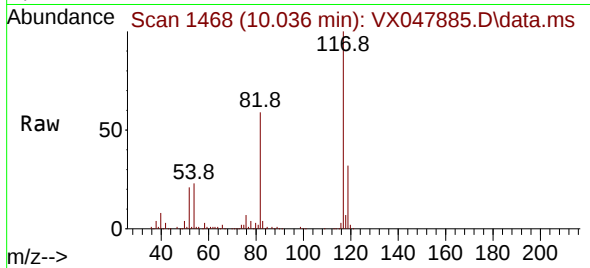




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047885.D
Acq: 29 Sep 2025 15:41

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-TB-20250923

Tgt Ion:117 Resp: 307943
Ion Ratio Lower Upper
117 100
82 58.6 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: VX047885.D
Acq: 29 Sep 2025 15:41

Tgt Ion:152 Resp: 161425
Ion Ratio Lower Upper
152 100
115 61.8 44.9 134.5
150 155.5 0.0 352.0

