

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092525\
 Data File : VX047826.D
 Acq On : 26 Sep 2025 02:10
 Operator : JC/MD
 Sample : VX0925WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBL02

Quant Time: Sep 26 03:56:40 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	5.538	168	121983	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	259174	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	269510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	138899	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	105522	54.346	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.700%
35) Dibromofluoromethane	5.373	113	84777	48.774	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	8.635	98	292890	48.698	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.400%
62) 4-Bromofluorobenzene	11.067	95	125101	54.807	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.620%

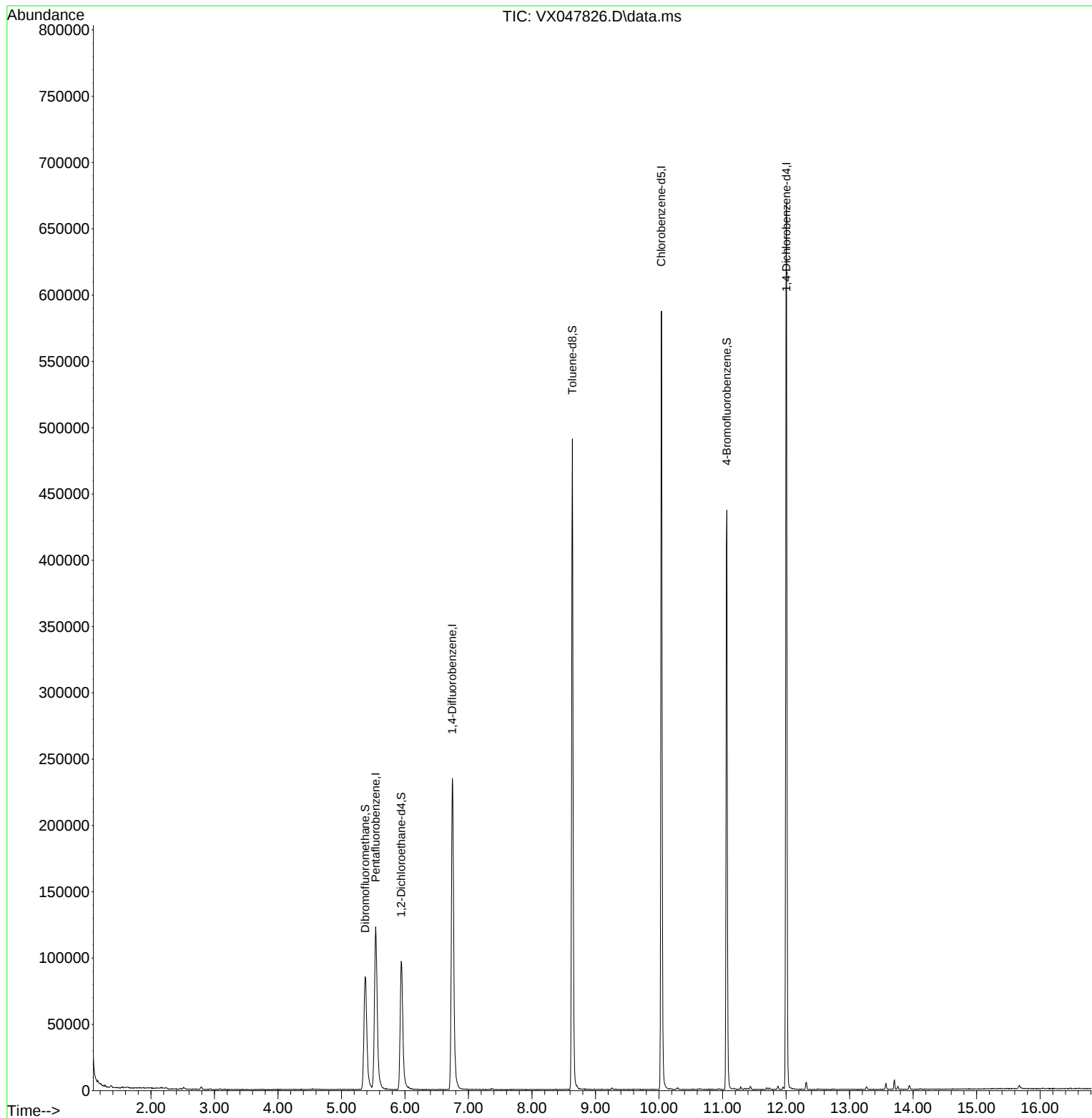
Target Compounds	Qvalue

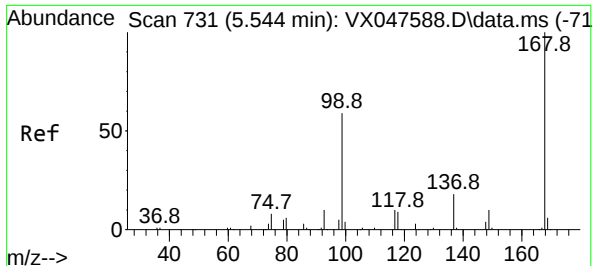
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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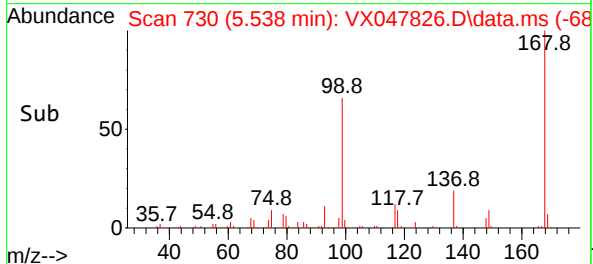
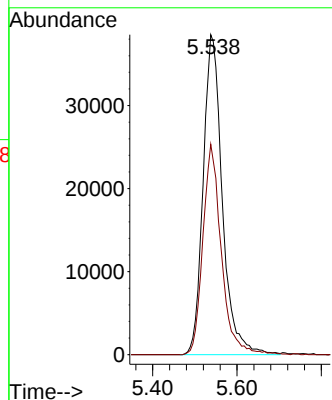
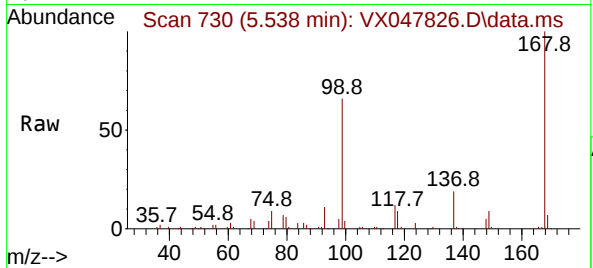




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

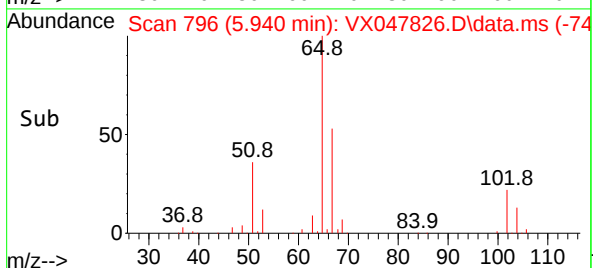
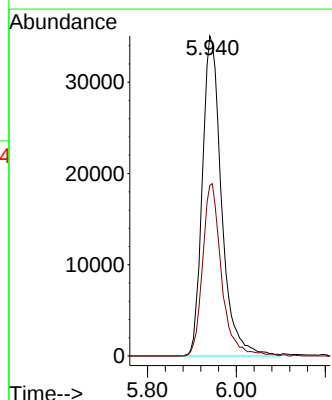
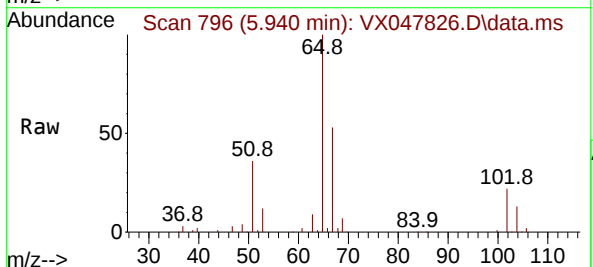
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

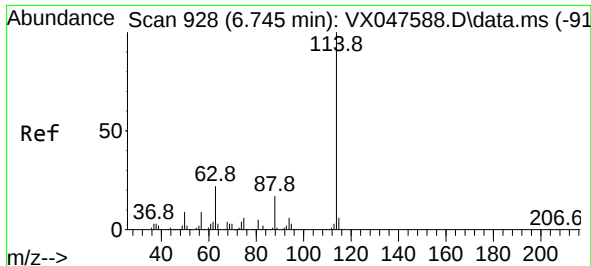
Tgt Ion:168 Resp: 121983
Ion Ratio Lower Upper
168 100
99 65.8 48.8 73.2



#33
1,2-Dichloroethane-d4
Concen: 54.346 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 65 Resp: 105522
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.0

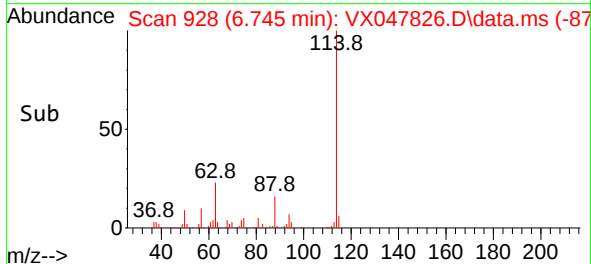
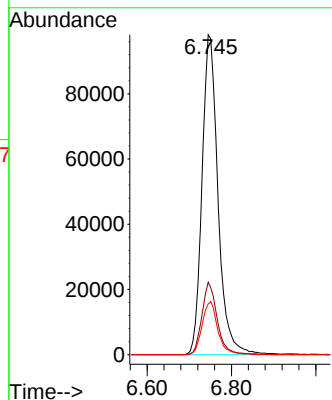
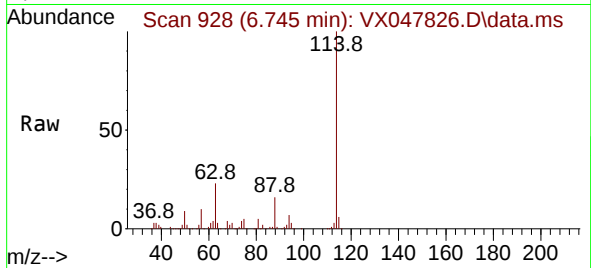




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

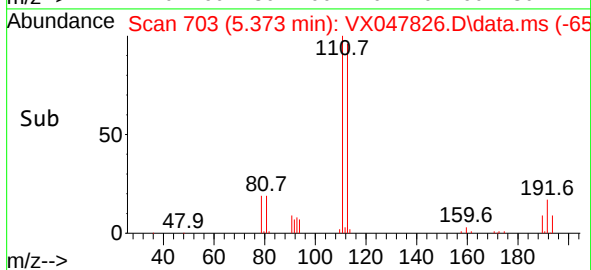
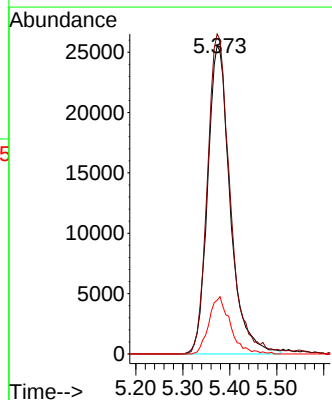
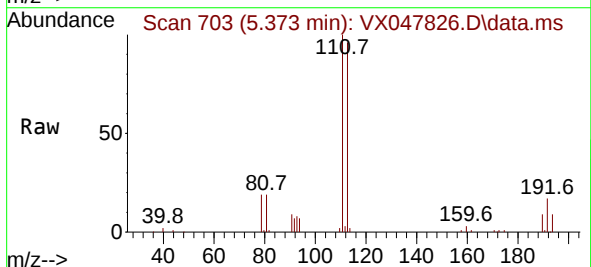
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

Tgt Ion:114 Resp: 259174
Ion Ratio Lower Upper
114 100
63 25.4 0.0 44.0
88 15.8 0.0 34.2



#35
Dibromofluoromethane
Concen: 48.774 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:113 Resp: 84777
Ion Ratio Lower Upper
113 100
111 105.0 80.9 121.3
192 17.8 14.2 21.4

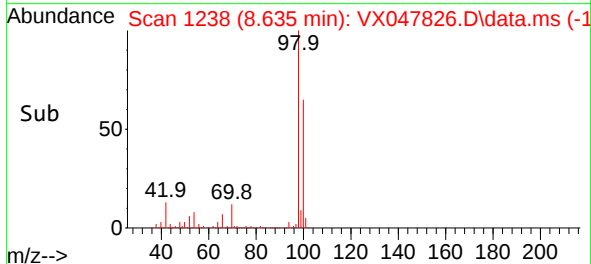
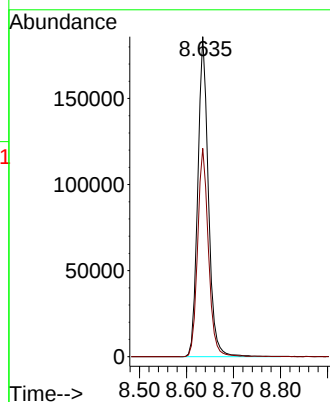
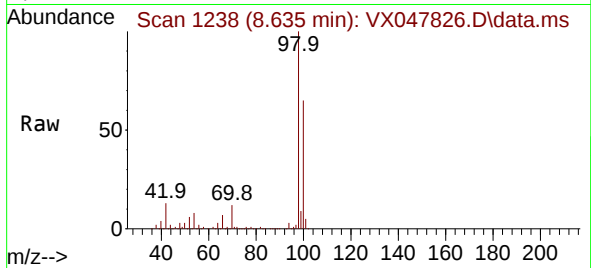




#50
Toluene-d8
Concen: 48.698 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

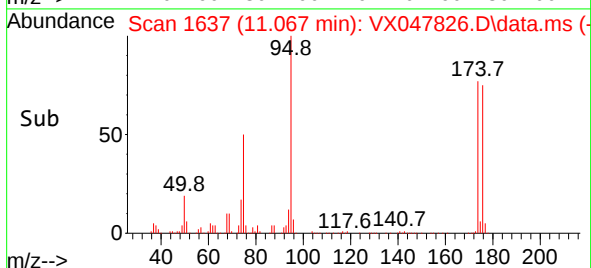
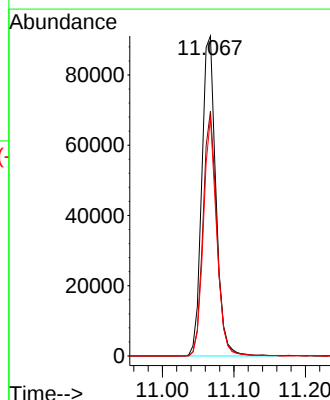
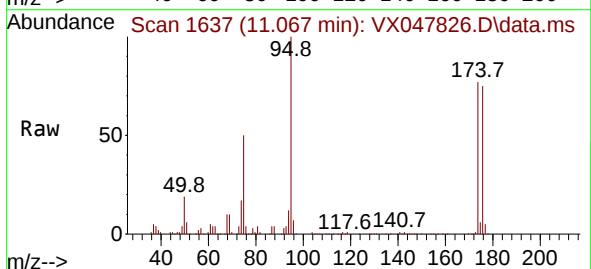
Instrument :
MSVOA_X
ClientSampleId :
VX0925WBL02

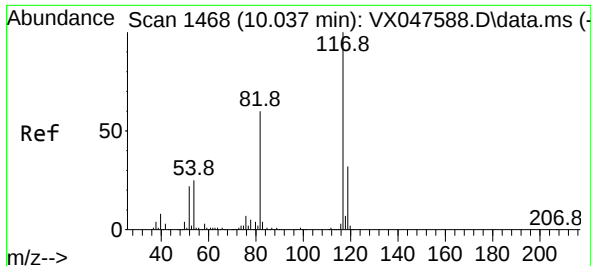
Tgt Ion: 98 Resp: 292890
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.807 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion: 95 Resp: 125101
Ion Ratio Lower Upper
95 100
174 74.7 0.0 141.6
176 70.1 0.0 138.4

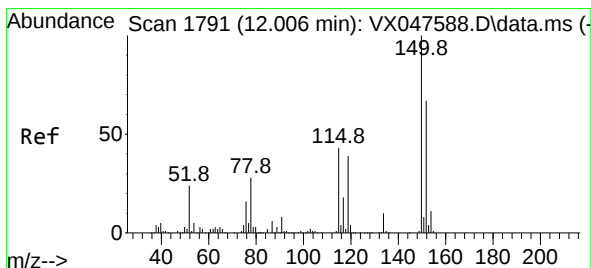
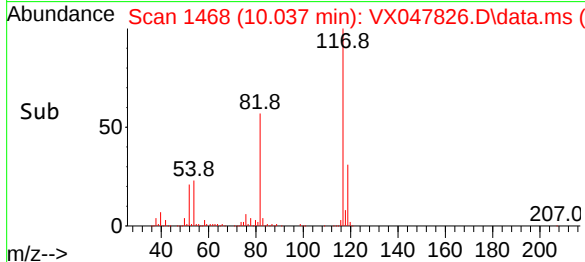
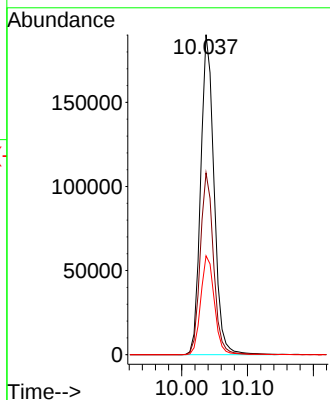
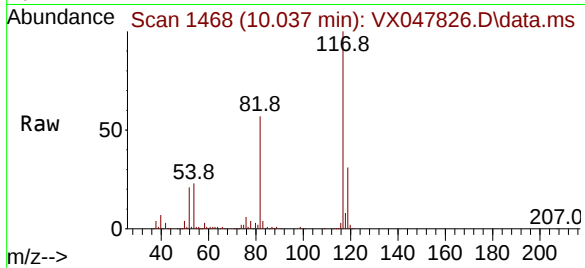




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047826.D
Acq: 26 Sep 2025 02:10

Instrument :
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ClientSampleId :
VX0925WBL02

Tgt Ion:117 Resp: 269510
Ion Ratio Lower Upper
117 100
82 56.8 47.8 71.6
119 30.9 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: VX047826.D
Acq: 26 Sep 2025 02:10

Tgt Ion:152 Resp: 138899
Ion Ratio Lower Upper
152 100
115 62.6 44.9 134.5
150 156.0 0.0 352.0

