

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077894.D
 Acq On : 15 Dec 2023 10:38
 Operator : RP/MD
 Sample : VD1215SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1215SBL01

Quant Time: Dec 16 03:57:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	197553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	354296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	151322	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	96718	41.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.100%
35) Dibromofluoromethane	7.810	113	105650	42.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.140%
50) Toluene-d8	10.269	98	451133	45.387	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.780%
62) 4-Bromofluorobenzene	12.575	95	130566	43.937	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.880%

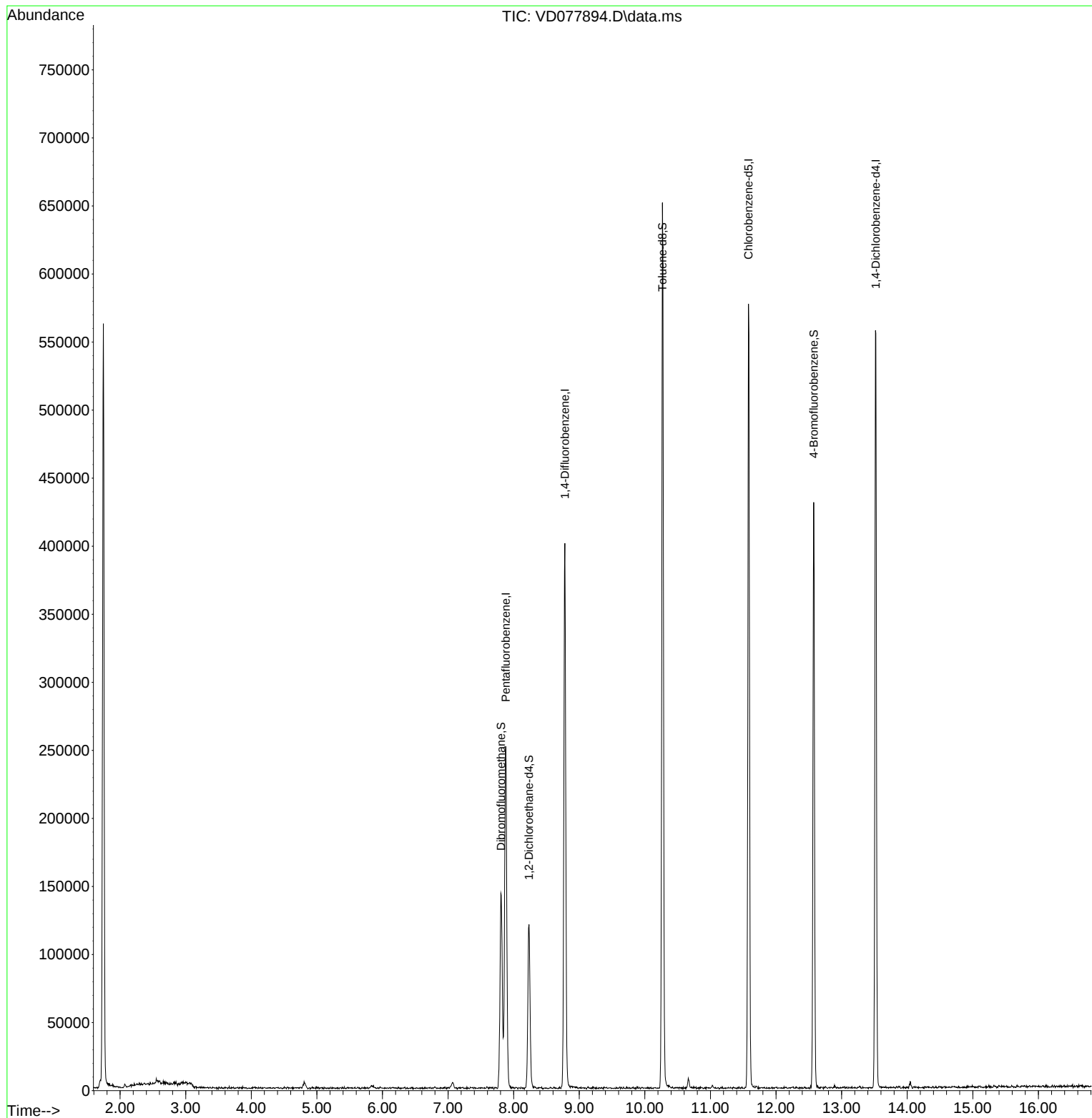
Target Compounds	Qvalue

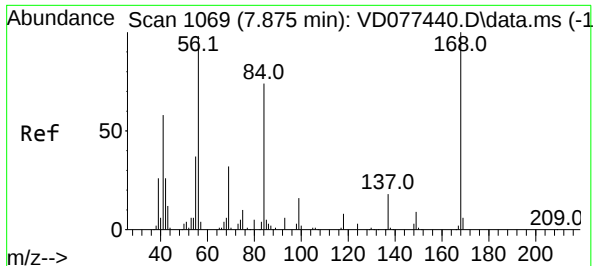
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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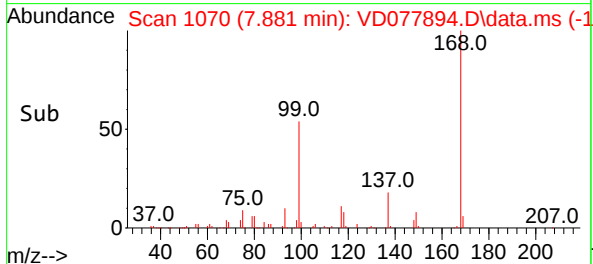
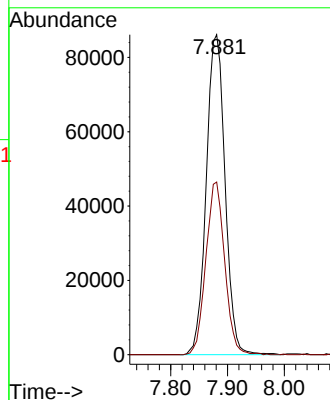
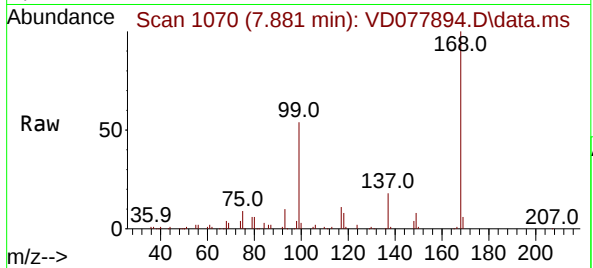




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

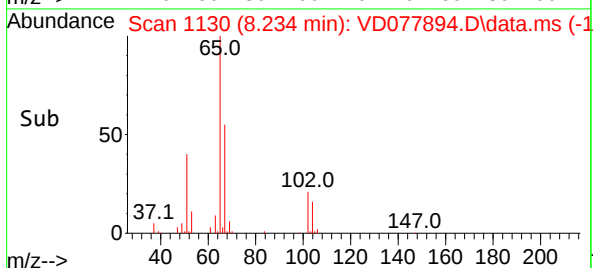
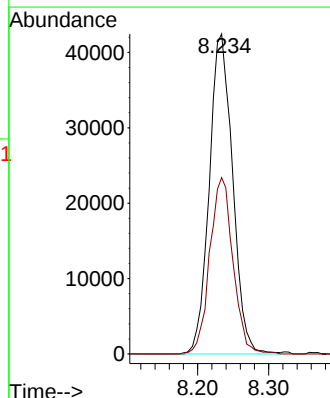
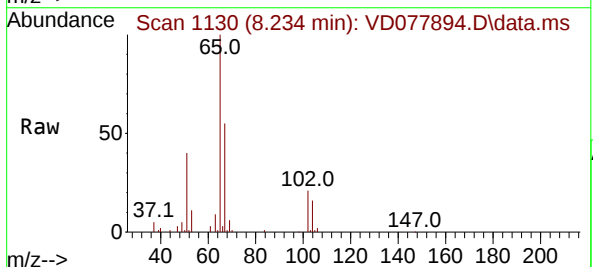
Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL01

Tgt Ion:168 Resp: 197553
Ion Ratio Lower Upper
168 100
99 54.0 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 41.548 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 65 Resp: 96718
Ion Ratio Lower Upper
65 100
67 54.9 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077894.D

Acq: 15 Dec 2023 10:38

Instrument :

MSVOA_D

ClientSampleId :

VD1215SBL01

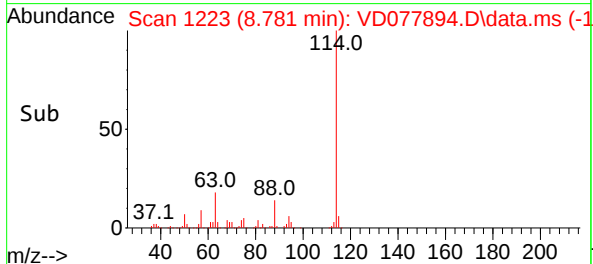
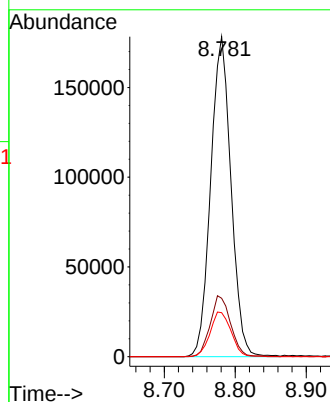
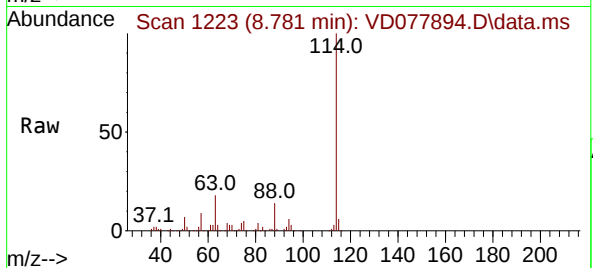
Tgt Ion:114 Resp: 354296

Ion Ratio Lower Upper

114 100

63 18.2 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.571 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077894.D

Acq: 15 Dec 2023 10:38

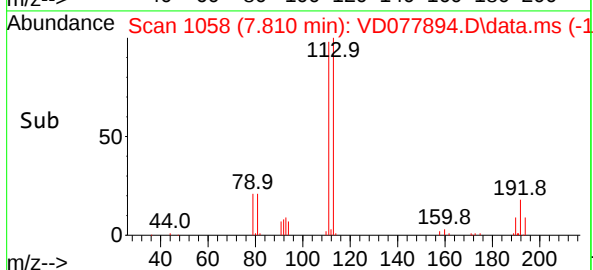
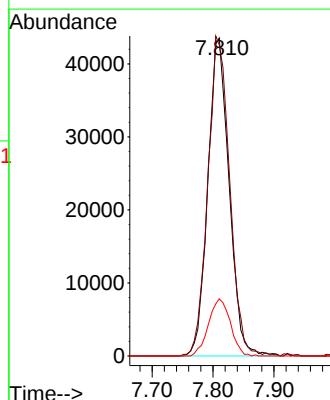
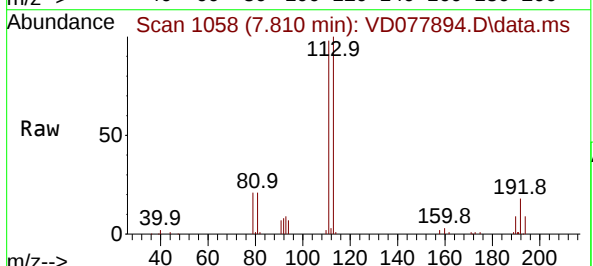
Tgt Ion:113 Resp: 105650

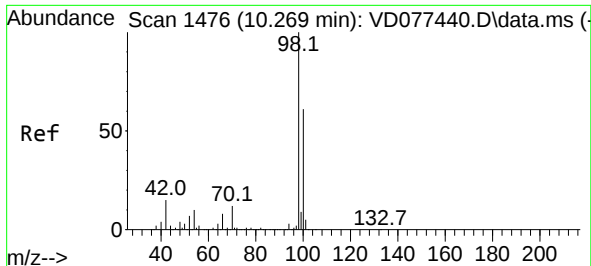
Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 18.4 16.8 25.2

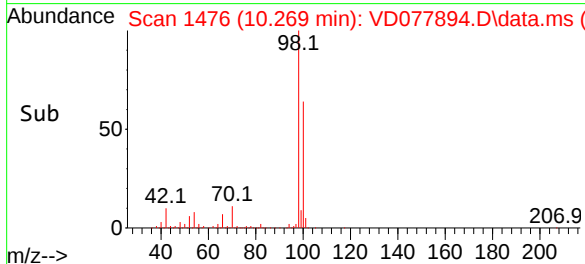
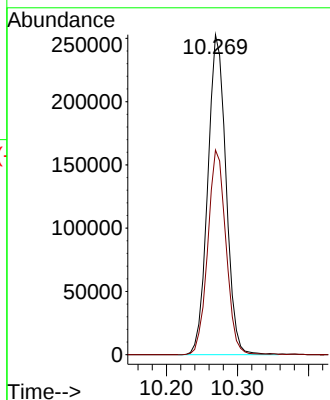
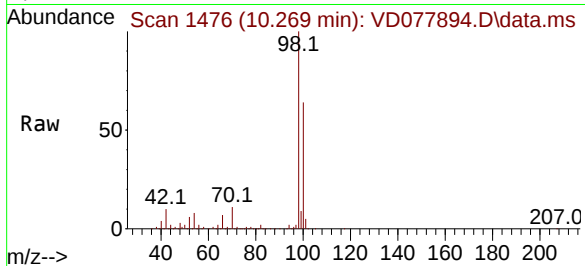




#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

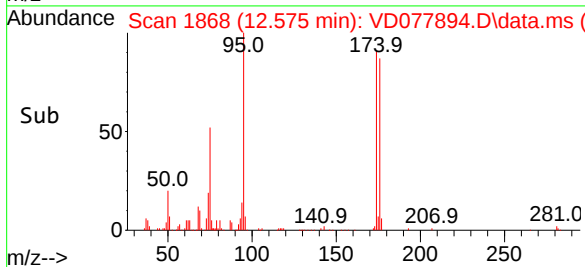
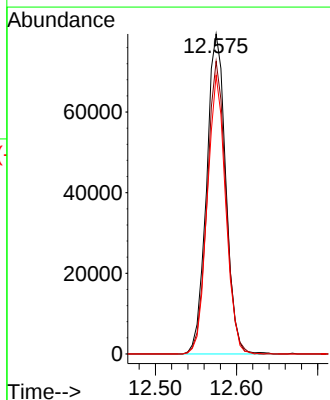
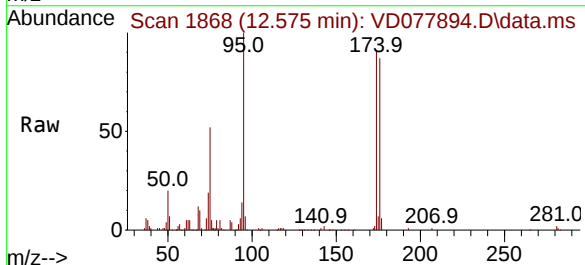
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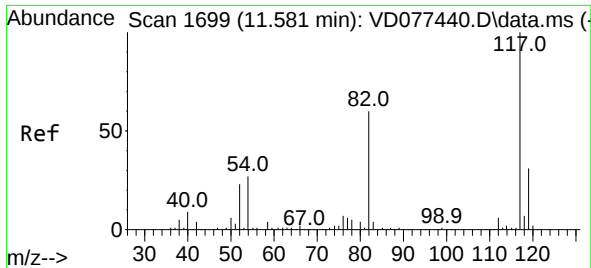
Tgt Ion: 98 Resp: 451133
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.937 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

Tgt Ion: 95 Resp: 130566
Ion Ratio Lower Upper
95 100
174 89.3 0.0 201.8
176 83.2 0.0 191.8

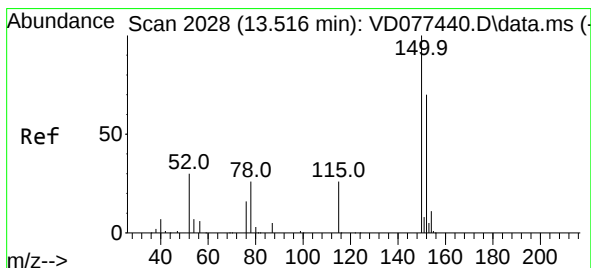
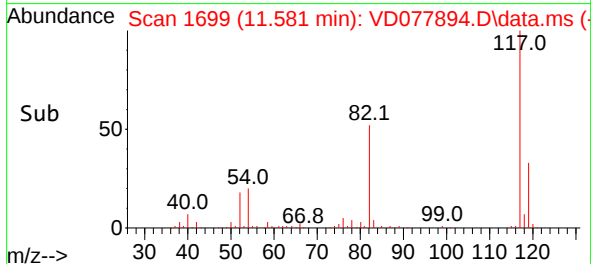
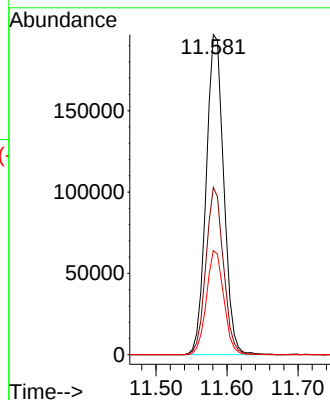
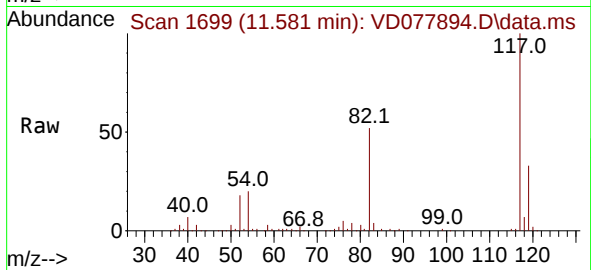




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

Instrument :
MSVOA_D
ClientSampleId :
VD1215SBL01

Tgt Ion:117 Resp: 339421
Ion Ratio Lower Upper
117 100
82 52.3 38.3 57.5
119 32.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077894.D
Acq: 15 Dec 2023 10:38

Tgt Ion:152 Resp: 151322
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 157.6 0.0 353.6

