

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120823\
 Data File : VD077791.D
 Acq On : 08 Dec 2023 15:02
 Operator : JC/SY
 Sample : VD1208SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VBLK19

Quant Time: Dec 08 15:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	182587	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	380396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	348188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	159475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	111587	51.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.720%
35) Dibromofluoromethane	7.810	113	126104	47.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.660%
50) Toluene-d8	10.269	98	462455	43.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.660%
62) 4-Bromofluorobenzene	12.575	95	135881	42.588	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.180%

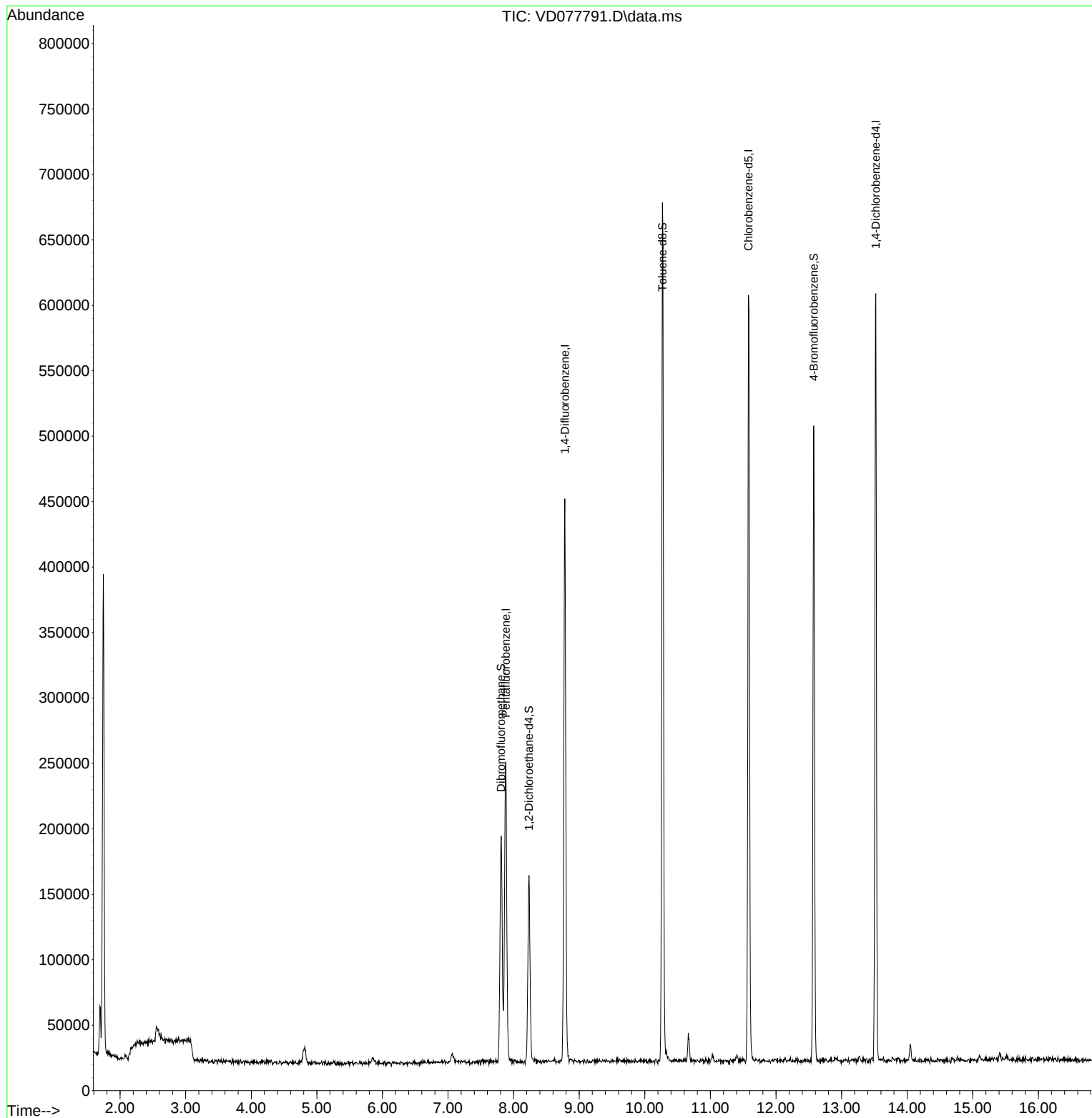
Target Compounds	Qvalue

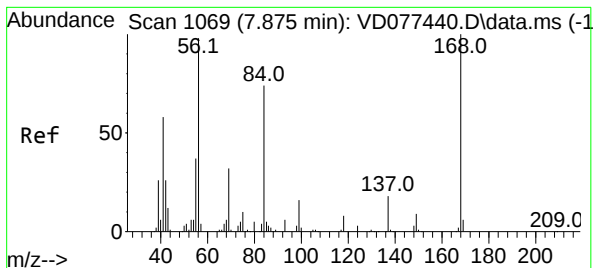
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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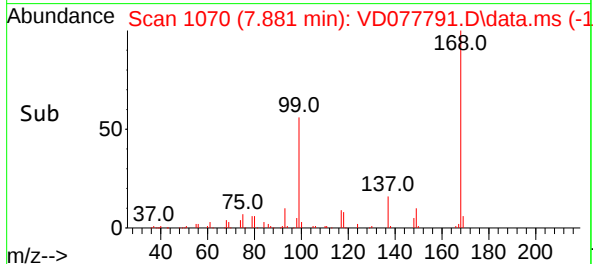
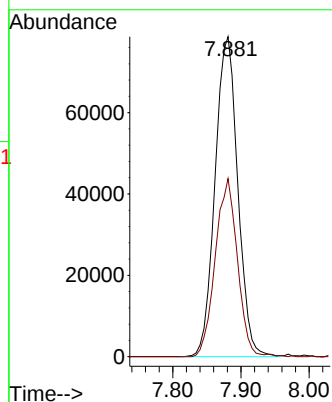
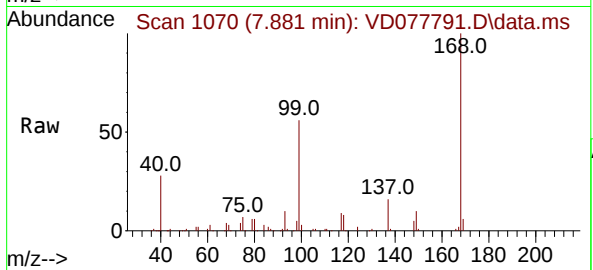




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. 0.006 min
Lab File: VD077791.D
Acq: 08 Dec 2023 15:02

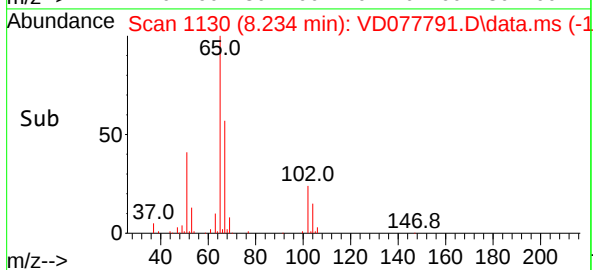
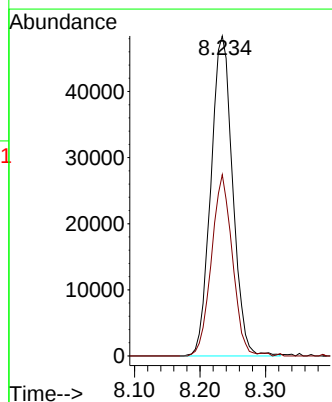
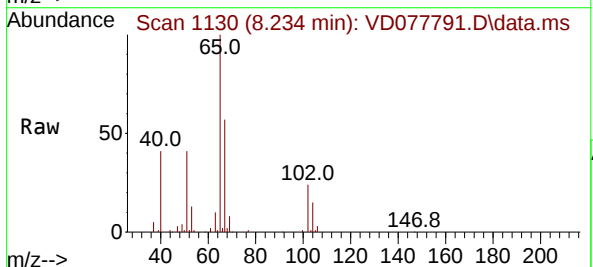
Instrument :
MSVOA_D
ClientSampleId :
VBLK19

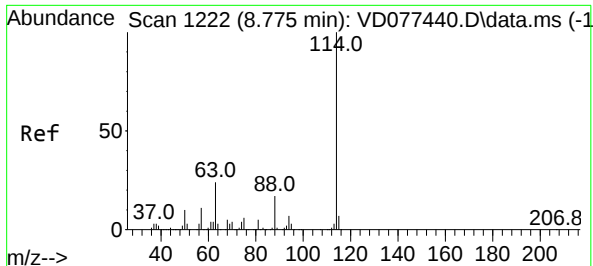
Tgt Ion:168 Resp: 182587
Ion Ratio Lower Upper
168 100
99 55.6 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 51.864 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD077791.D
Acq: 08 Dec 2023 15:02

Tgt Ion: 65 Resp: 111587
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077791.D

Acq: 08 Dec 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

VBLK19

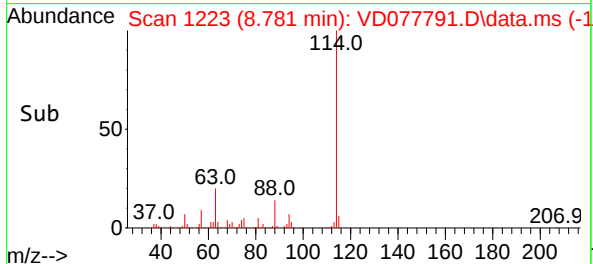
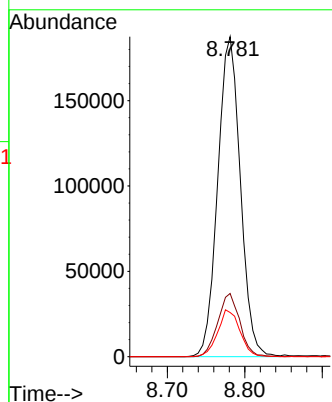
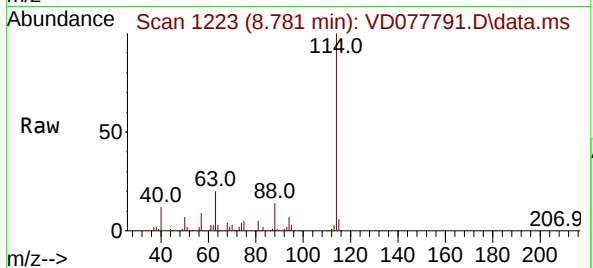
Tgt Ion:114 Resp: 380396

Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.327 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077791.D

Acq: 08 Dec 2023 15:02

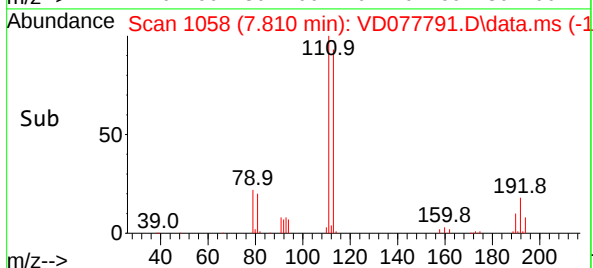
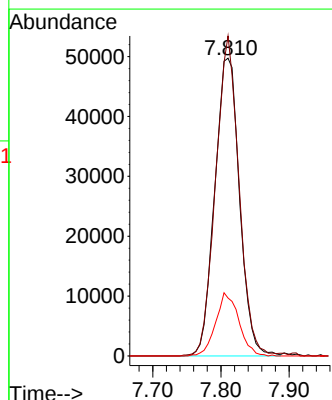
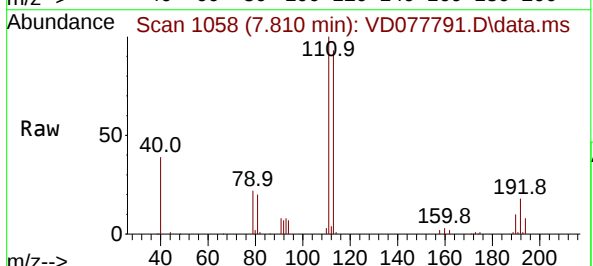
Tgt Ion:113 Resp: 126104

Ion Ratio Lower Upper

113 100

111 101.5 84.7 127.1

192 19.8 16.8 25.2

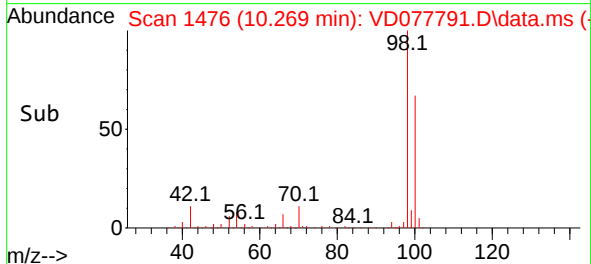
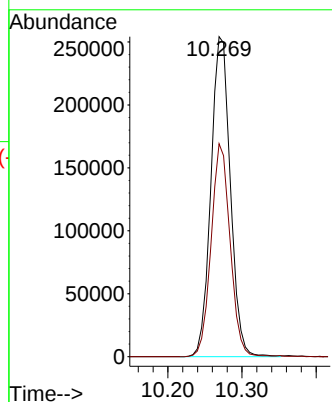
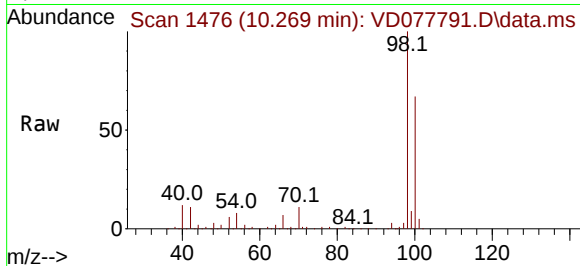




#50
Toluene-d8
Concen: 43.334 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077791.D
Acq: 08 Dec 2023 15:02

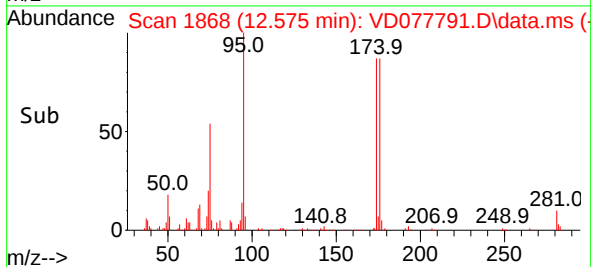
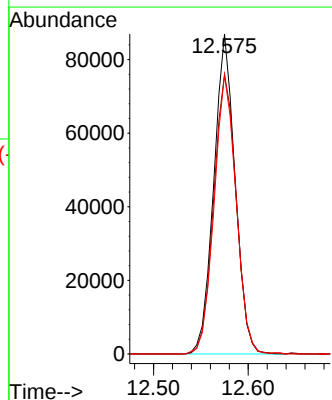
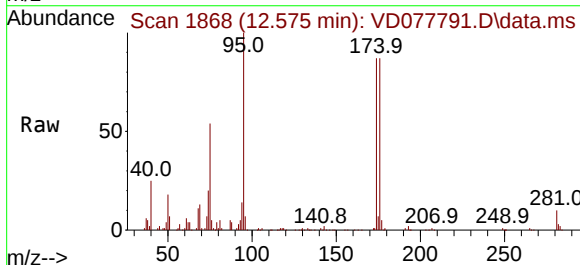
Instrument :
MSVOA_D
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VBLK19

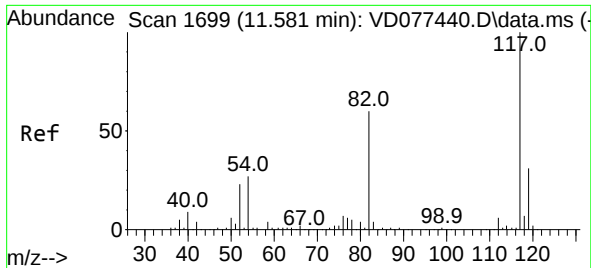
Tgt Ion: 98 Resp: 462455
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.588 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077791.D
Acq: 08 Dec 2023 15:02

Tgt Ion: 95 Resp: 135881
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 89.9 0.0 191.8

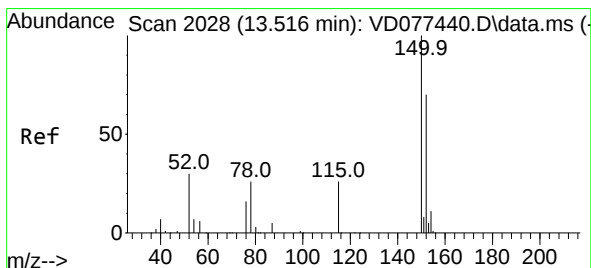
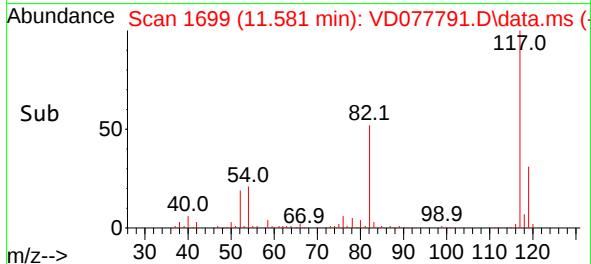
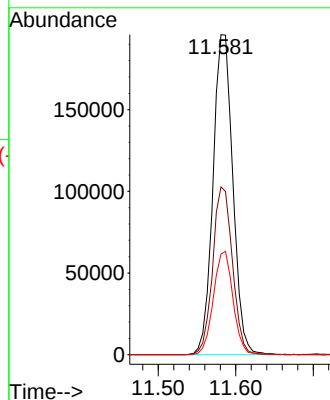
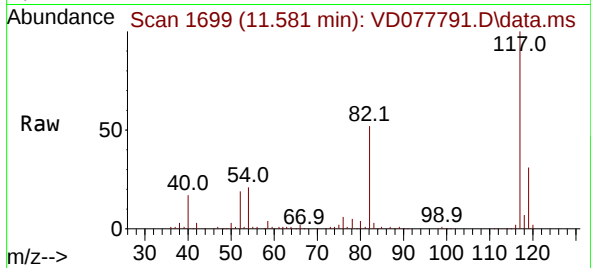




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077791.D
Acq: 08 Dec 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :
VBLK19

Tgt Ion:117 Resp: 348188
Ion Ratio Lower Upper
117 100
82 52.5 38.3 57.5
119 31.4 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: VD077791.D
Acq: 08 Dec 2023 15:02

Tgt Ion:152 Resp: 159475
Ion Ratio Lower Upper
152 100
115 54.7 27.1 81.3
150 156.0 0.0 353.6

