

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072399.D
 Acq On : 24 Mar 2022 10:34
 Operator : VA/SY
 Sample : VD0324SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0324SBL01

Quant Time: Mar 24 16:44:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	438718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	728459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	843483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	424751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	207180	42.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.740%
35) Dibromofluoromethane	7.914	113	225411	43.972	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.940%
50) Toluene-d8	10.338	98	933510	49.803	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.626	95	427606	58.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	117.420%

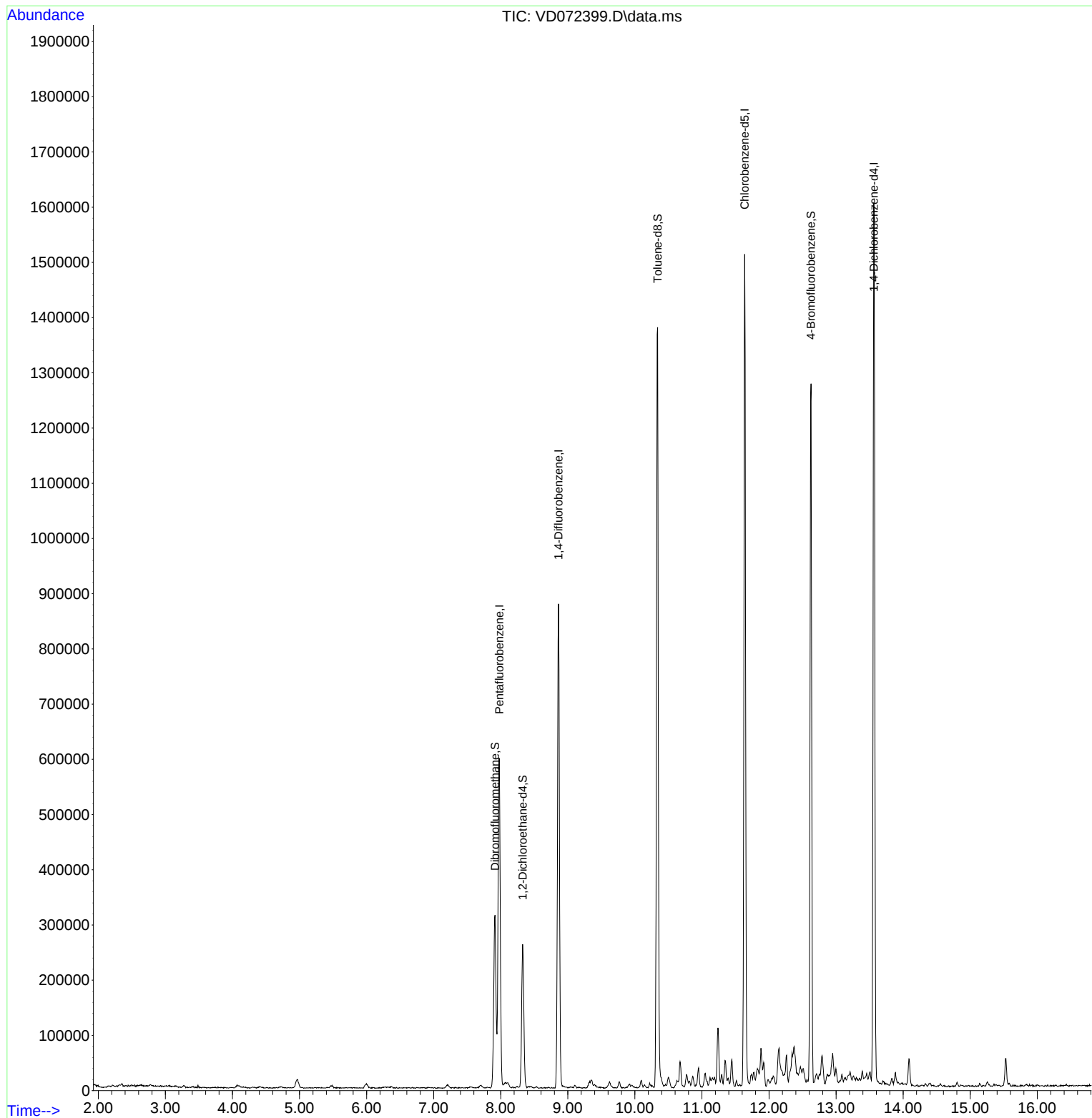
Target Compounds	Qvalue

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

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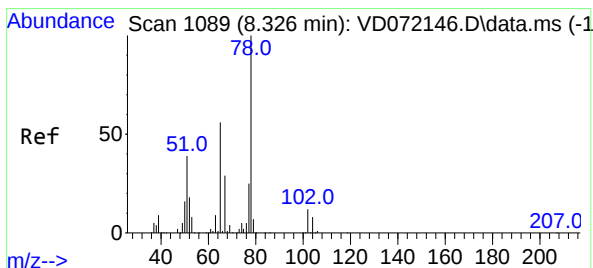
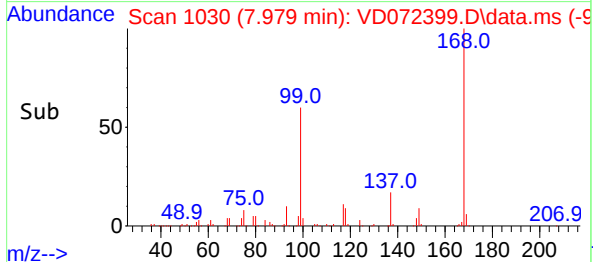
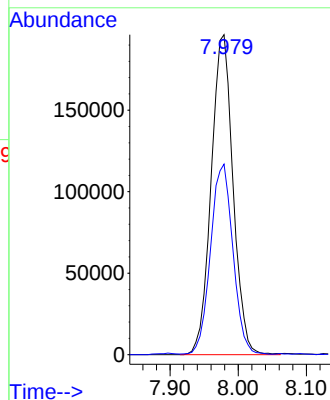
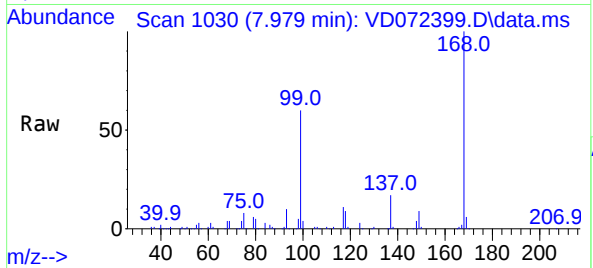




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

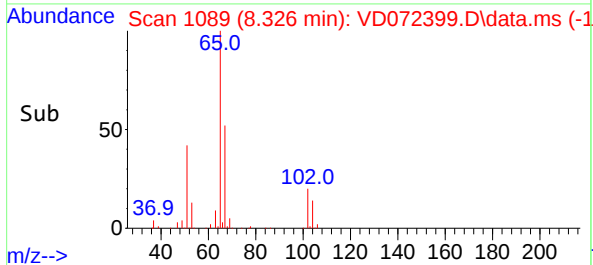
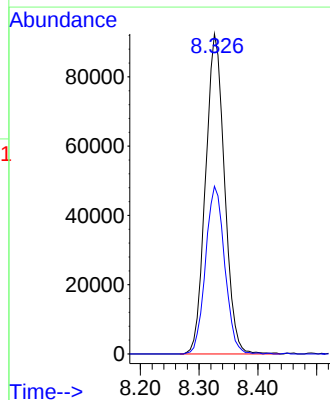
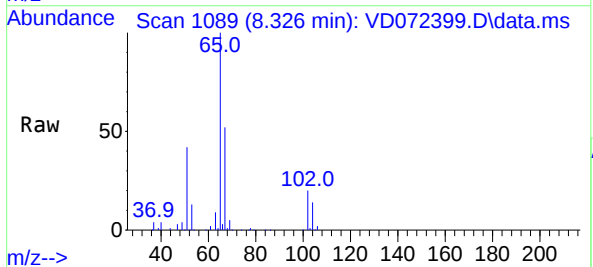
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

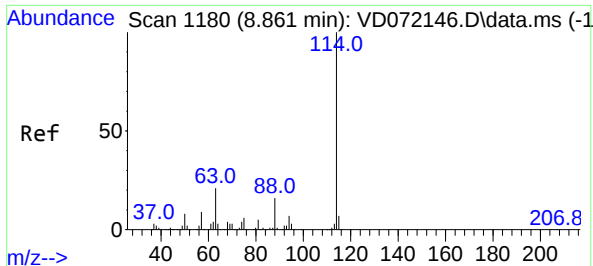
Tgt Ion:168 Resp: 438718
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 42.374 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion: 65 Resp: 207180
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072399.D

Acq: 24 Mar 2022 10:34

Instrument :

MSVOA_D

ClientSampleId :

VD0324SBL01

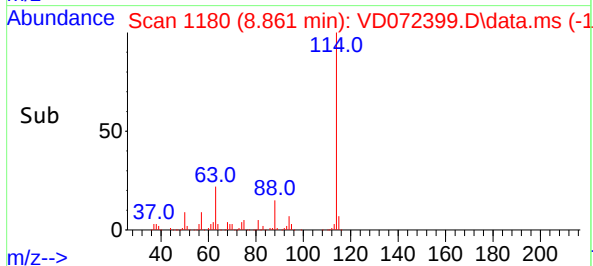
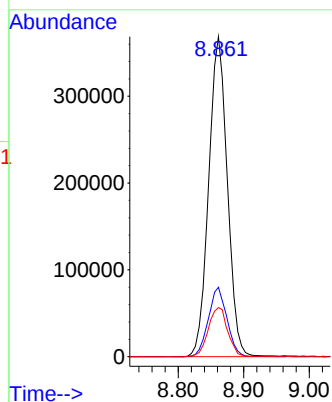
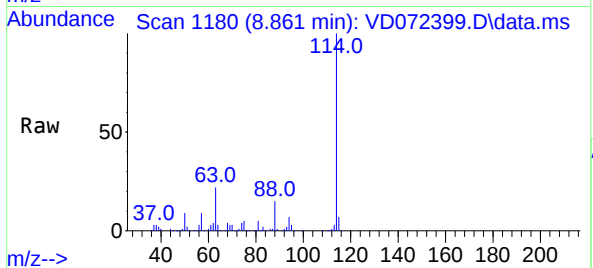
Tgt Ion:114 Resp: 728459

Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 43.972 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072399.D

Acq: 24 Mar 2022 10:34

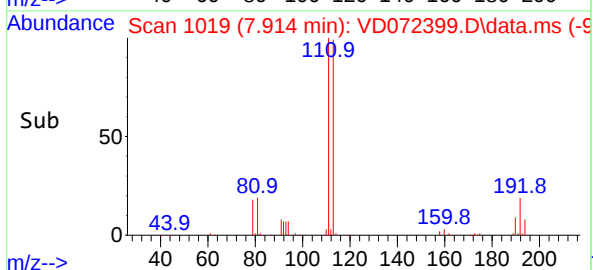
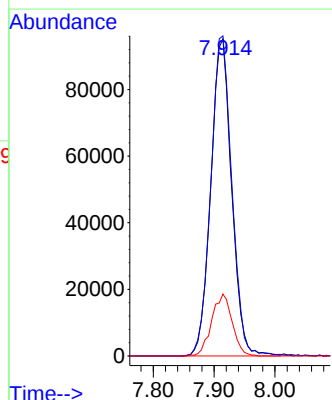
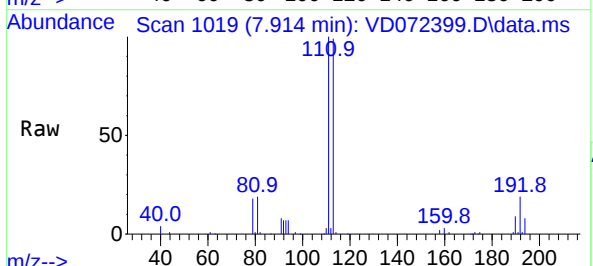
Tgt Ion:113 Resp: 225411

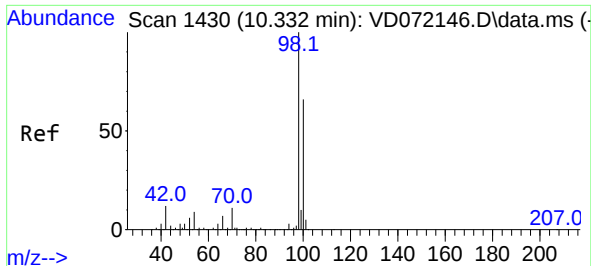
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 19.3 14.6 21.8

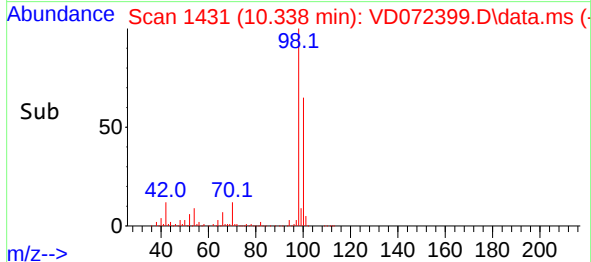
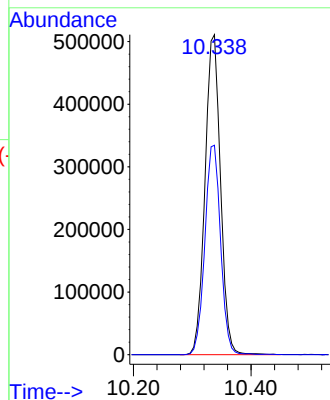
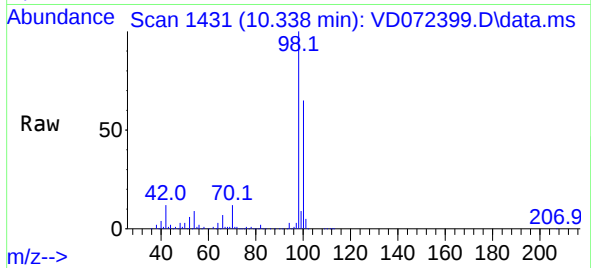




#50
Toluene-d8
Concen: 49.803 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

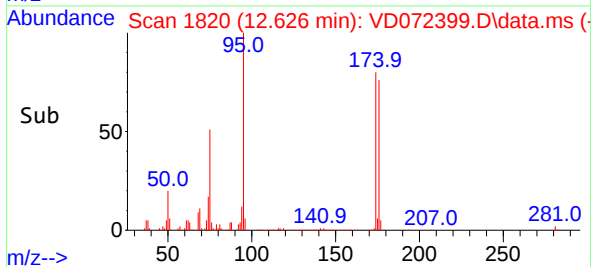
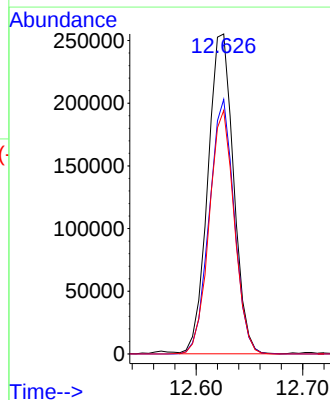
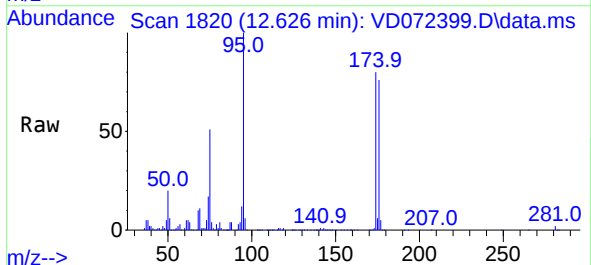
Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01

Tgt Ion: 98 Resp: 933510
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 58.712 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

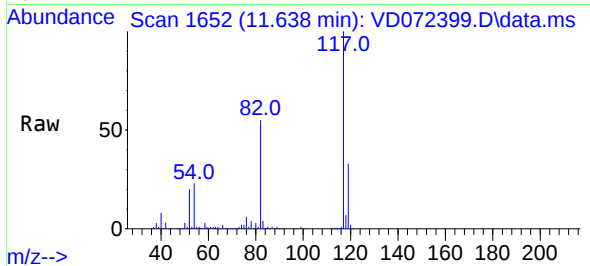
Tgt Ion: 95 Resp: 427606
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.1 0.0 145.4



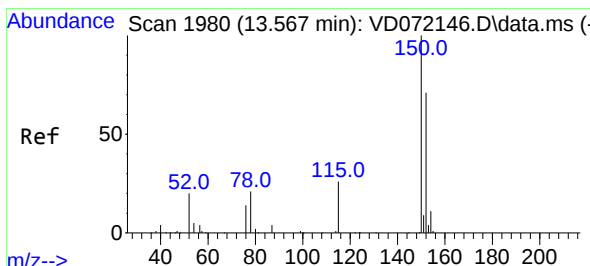
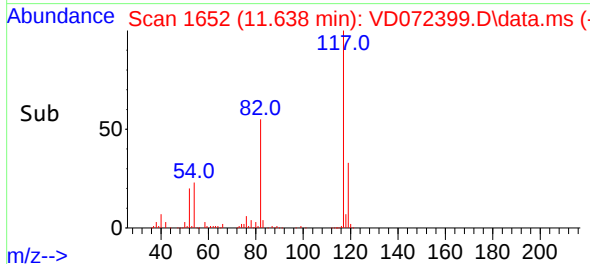
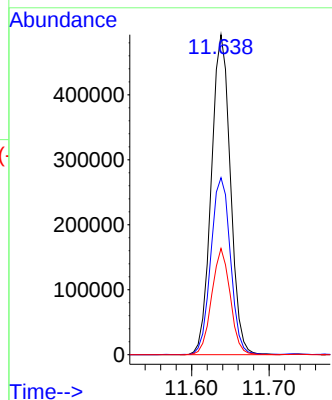


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Instrument :
MSVOA_D
ClientSampleId :
VD0324SBL01



Tgt Ion:117 Resp: 843483
Ion Ratio Lower Upper
117 100
82 55.2 45.3 67.9
119 33.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072399.D
Acq: 24 Mar 2022 10:34

Tgt Ion:152 Resp: 424751
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 159.6 0.0 348.6

