

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072254.D
 Acq On : 17 Mar 2022 19:52
 Operator : VA/SY
 Sample : N1943-02
 Misc : 10.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B2

Quant Time: Mar 18 04:32:41 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	7.973	168	409390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	683385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	364722	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	202389	44.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.720%
35) Dibromofluoromethane	7.908	113	213615	44.420	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.840%
50) Toluene-d8	10.332	98	851175	48.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.626	95	353007	51.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.340%

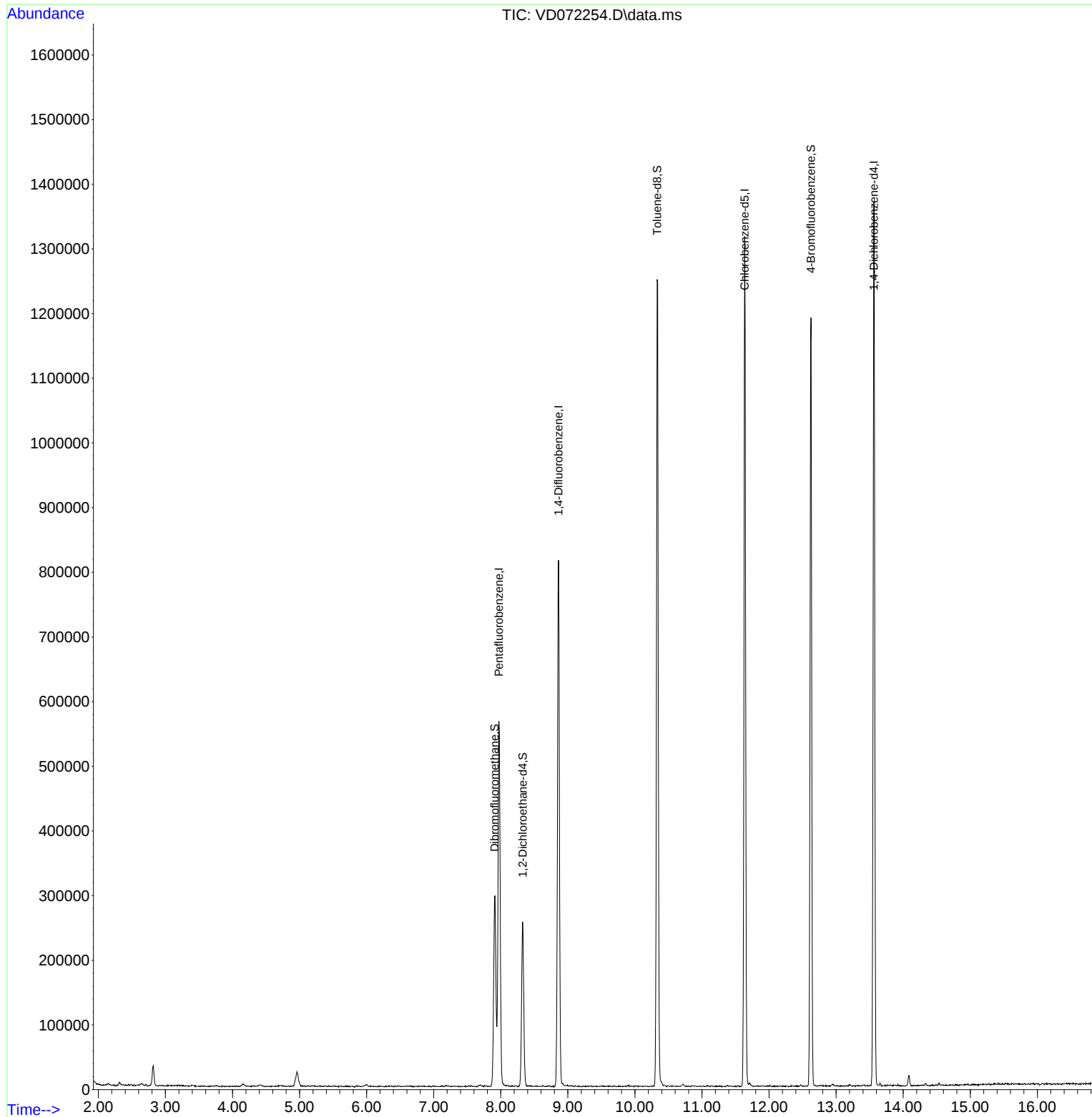
Target Compounds	Qvalue

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

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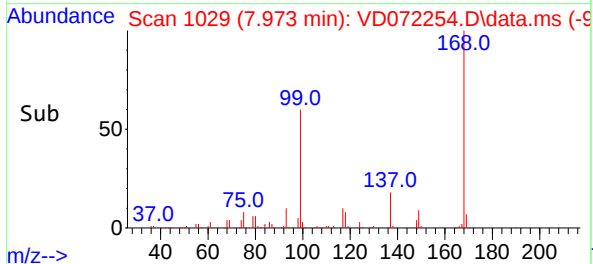
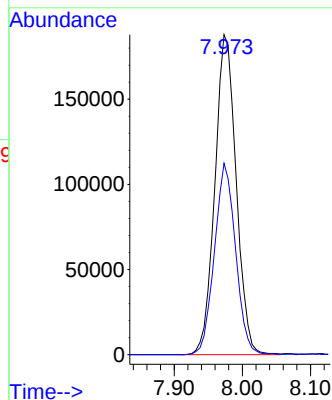
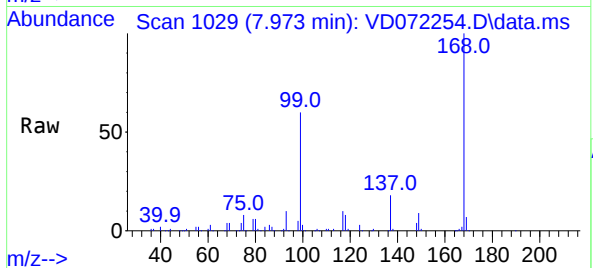




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

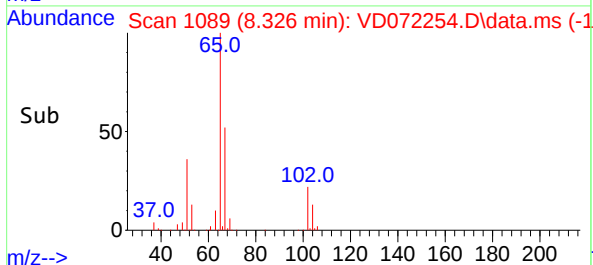
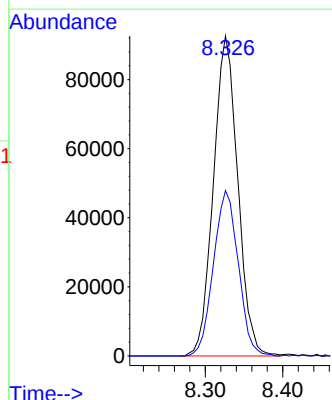
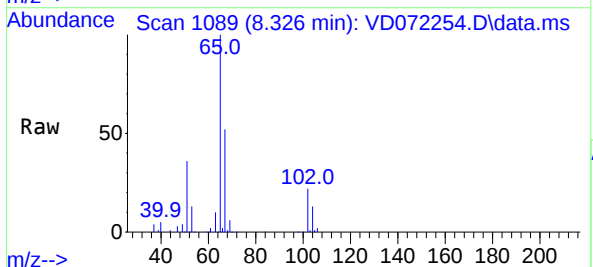
Instrument :
MSVOA_D
ClientSampleId :
B2

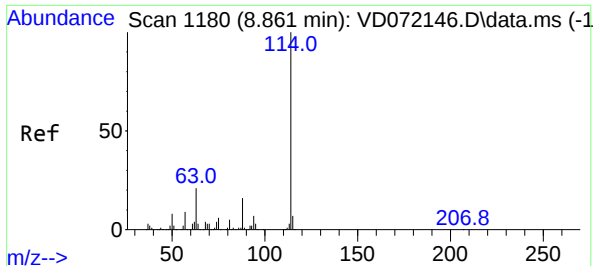
Tgt Ion:168 Resp: 409390
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 44.360 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

Tgt Ion: 65 Resp: 202389
Ion Ratio Lower Upper
65 100
67 52.6 0.0 101.4

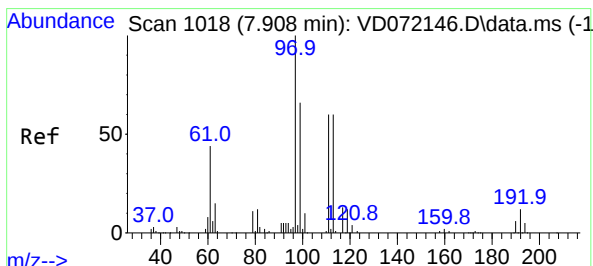
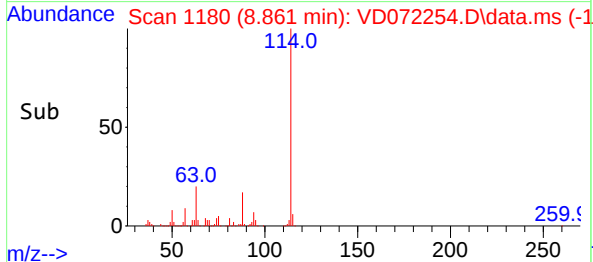
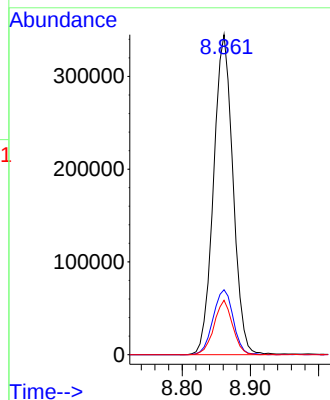
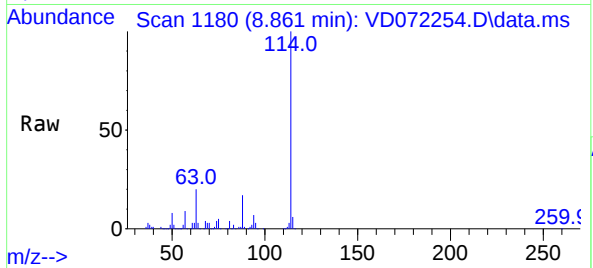




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

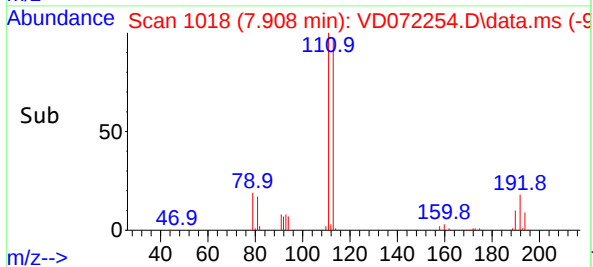
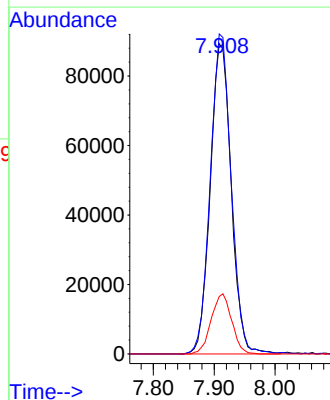
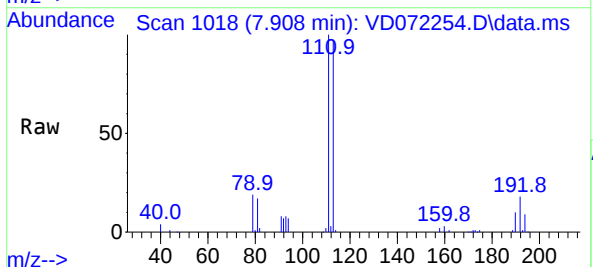
Instrument :
MSVOA_D
ClientSampleId :
B2

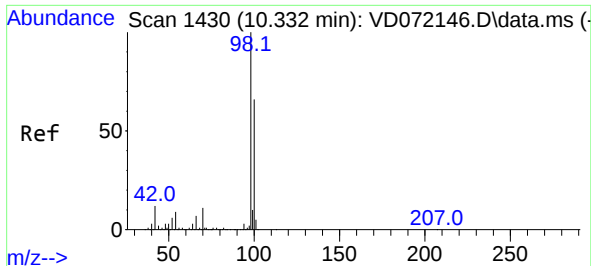
Tgt Ion:114 Resp: 683385
Ion Ratio Lower Upper
114 100
63 20.3 0.0 46.6
88 17.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 44.420 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

Tgt Ion:113 Resp: 213615
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 18.9 14.6 21.8

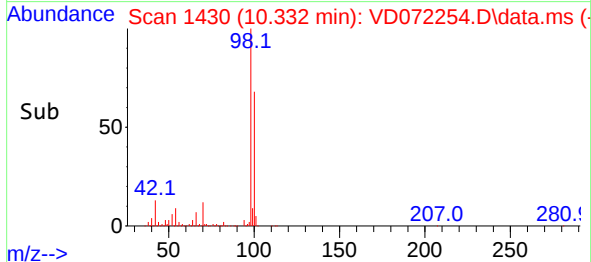
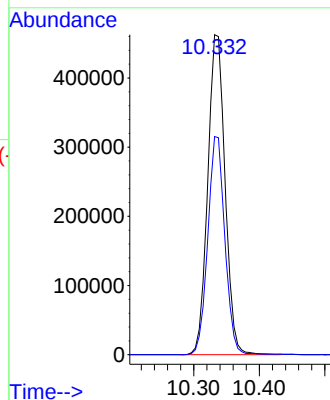
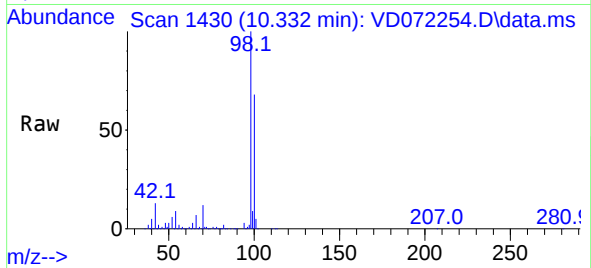




#50
Toluene-d8
Concen: 48.405 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

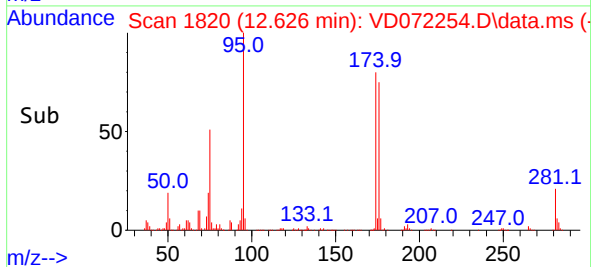
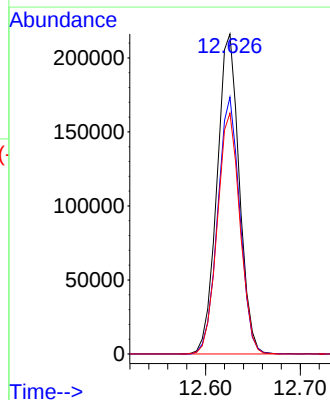
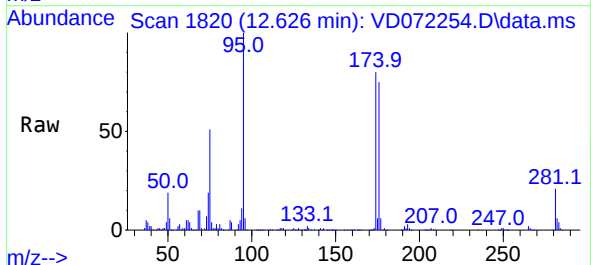
Instrument :
MSVOA_D
ClientSampleId :
B2

Tgt Ion: 98 Resp: 851175
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.666 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

Tgt Ion: 95 Resp: 353007
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.8
176 76.2 0.0 145.4

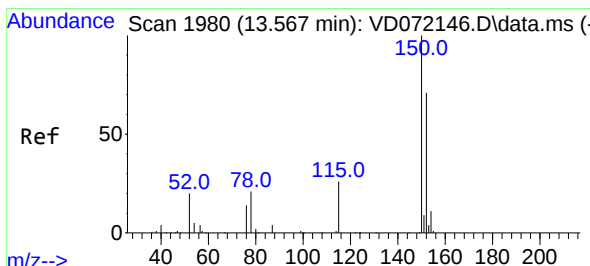
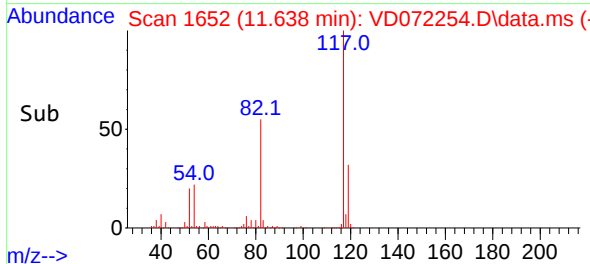
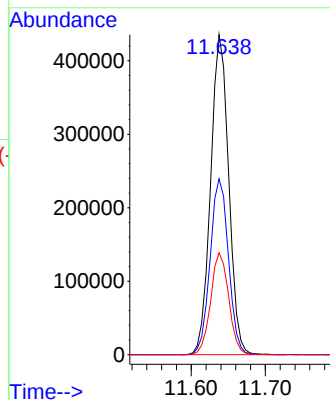
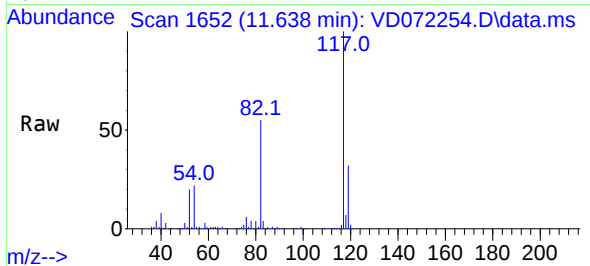




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072254.D
Acq: 17 Mar 2022 19:52

Instrument :
MSVOA_D
ClientSampleId :
B2

Tgt Ion:117 Resp: 737171
Ion Ratio Lower Upper
117 100
82 55.0 45.3 67.9
119 31.9 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: VD072254.D
Acq: 17 Mar 2022 19:52

Tgt Ion:152 Resp: 364722
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 157.9 0.0 348.6

