

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072937.D
 Acq On : 11 May 2022 18:12
 Operator : VA/SY
 Sample : N2749-13
 Misc : 4.56G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: May 12 04:14:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	374978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	663239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	651644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295743	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	208090	42.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.500%
35) Dibromofluoromethane	7.908	113	217633	46.722	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.332	98	808701	48.400	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.620	95	297952	47.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.640%

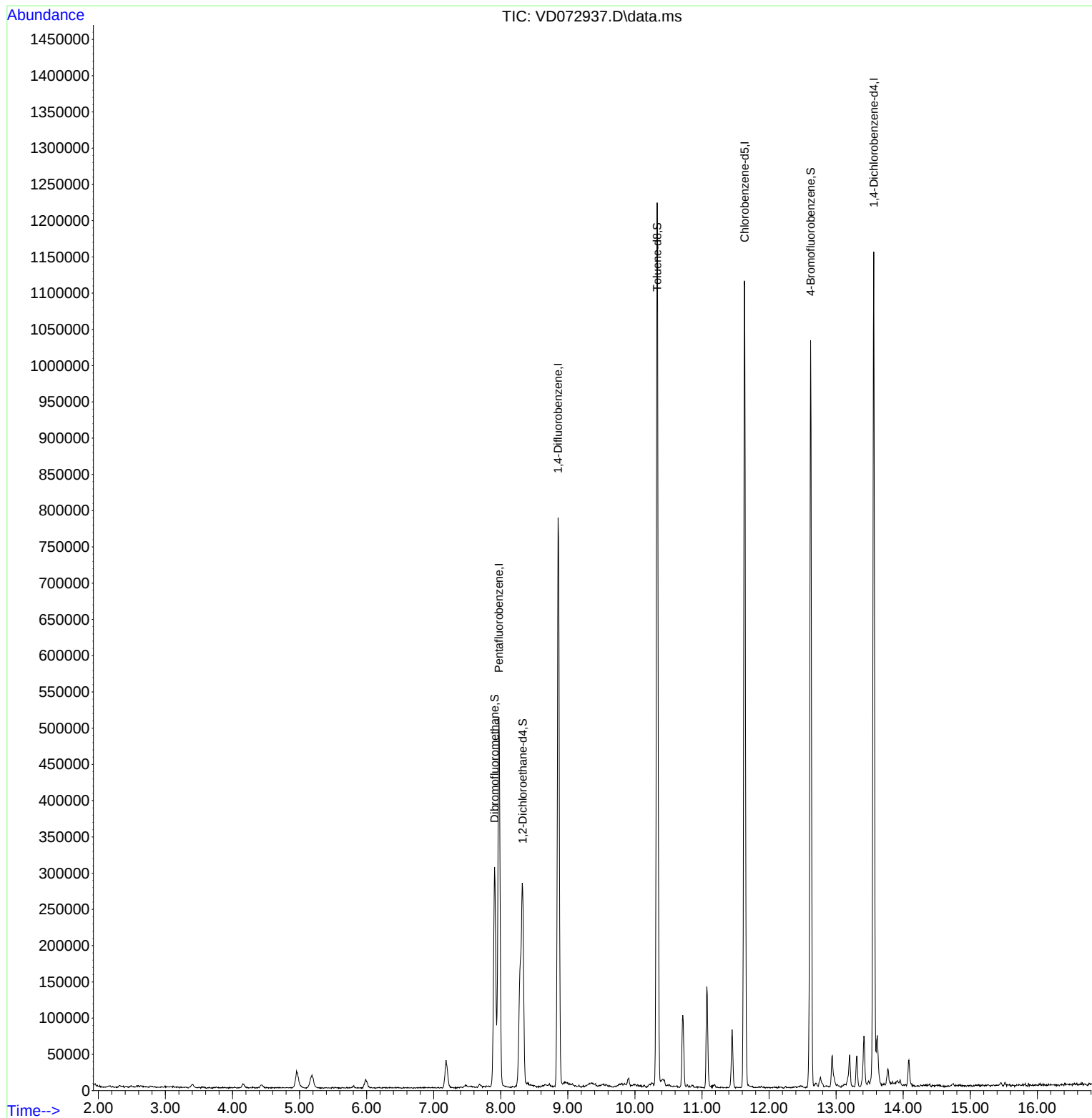
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072937.D

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Instrument :

MSVOA_D

ClientSampleId :

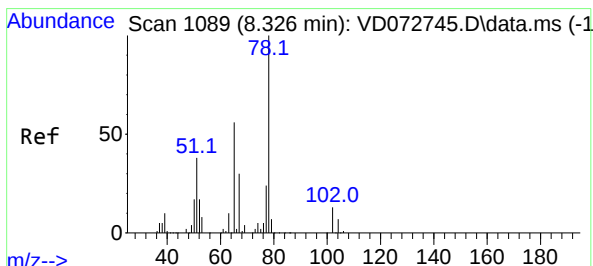
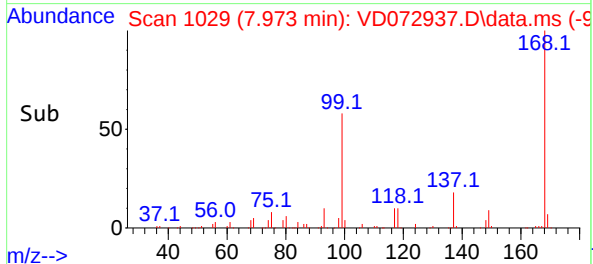
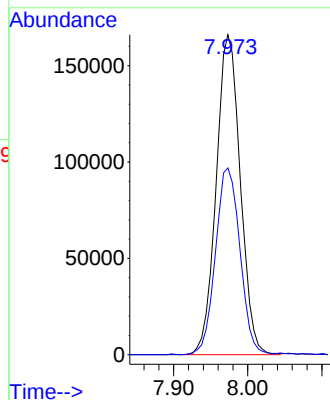
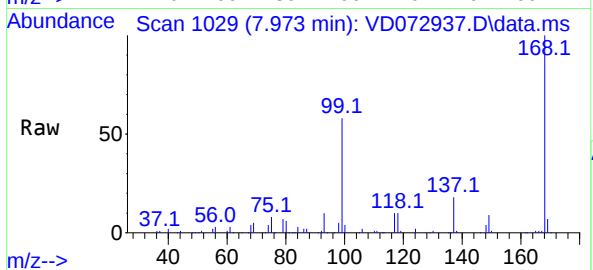
TP-5

Tgt Ion:168 Resp: 374978

Ion Ratio Lower Upper

168 100

99 58.3 49.8 74.6



1,2-Dichloroethane-d4

Concen: 42.751 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072937.D

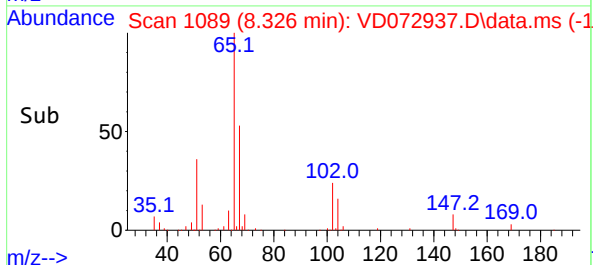
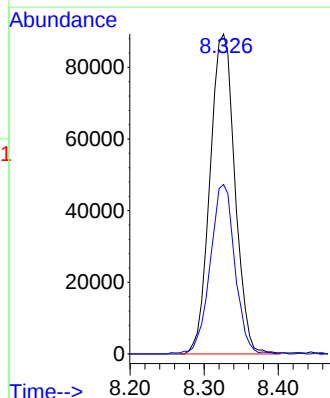
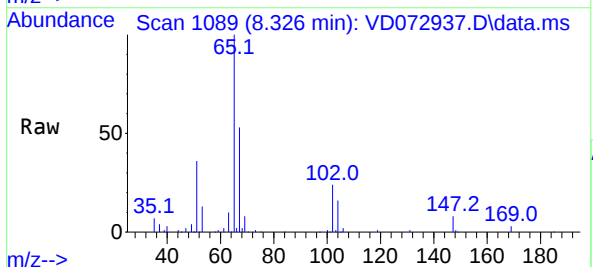
Acq: 11 May 2022 18:12

Tgt Ion: 65 Resp: 208090

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



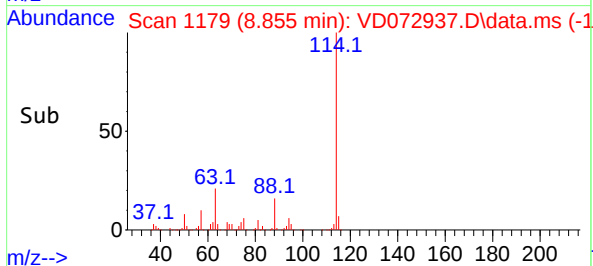
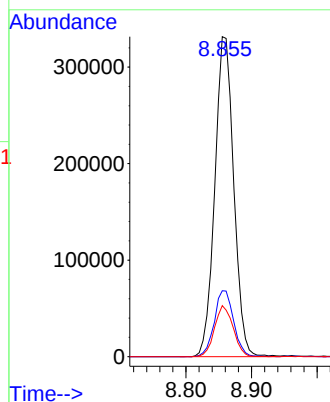
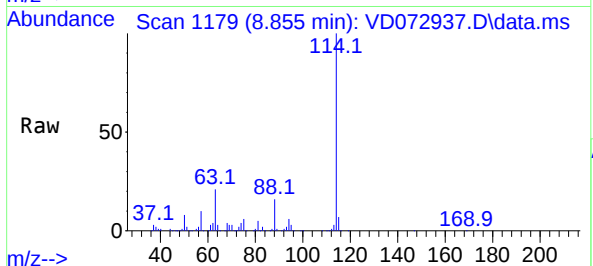


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion:114 Resp: 663239

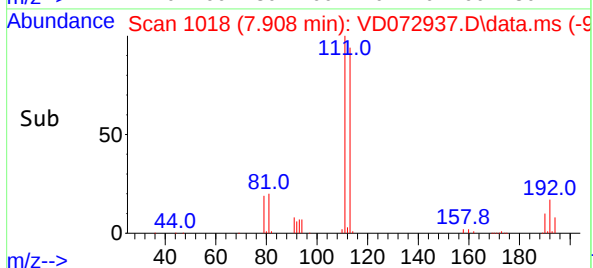
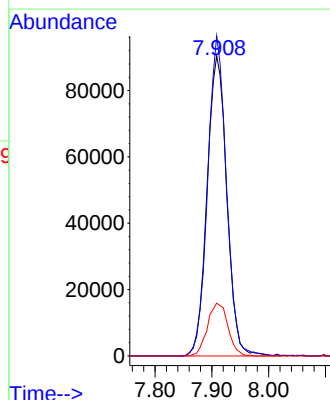
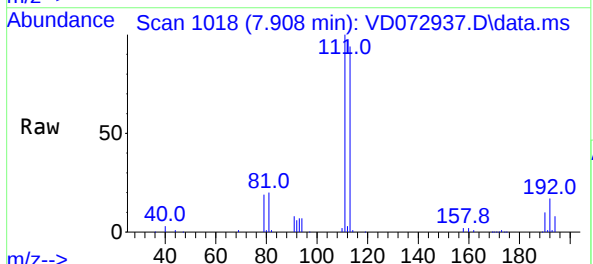
Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	46.6
88	15.9	0.0	33.2

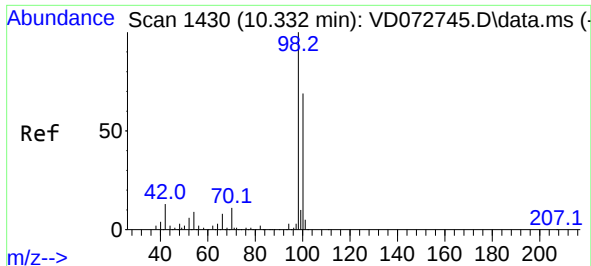


#35
Dibromofluoromethane
Concen: 46.722 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

Tgt Ion:113 Resp: 217633

Ion	Ratio	Lower	Upper
113	100		
111	101.7	83.8	125.6
192	18.3	14.6	21.8

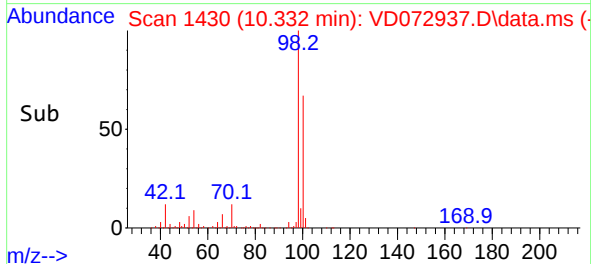
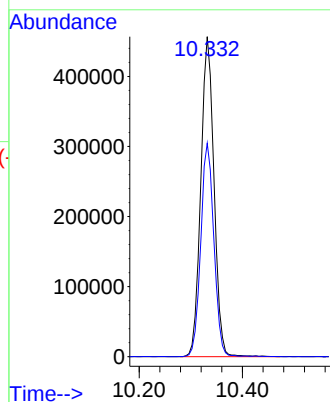
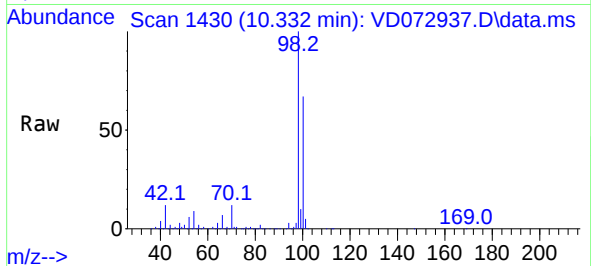




#50
Toluene-d8
Concen: 48.400 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

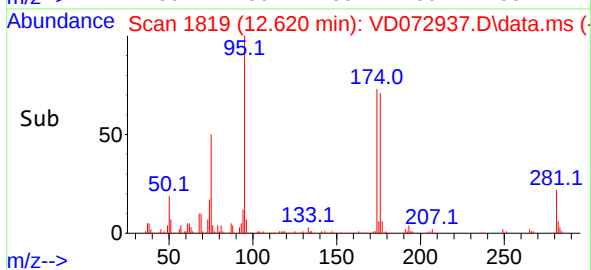
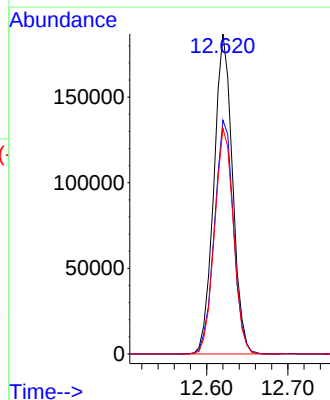
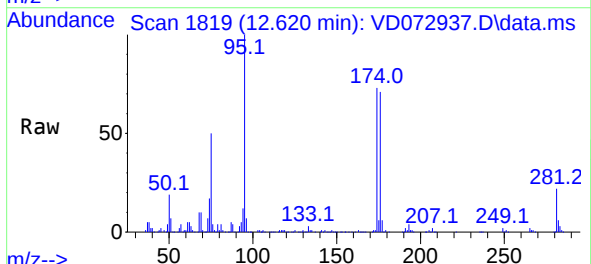
Instrument :
MSVOA_D
ClientSampleId :
TP-5

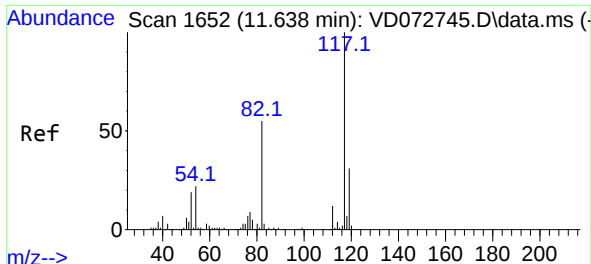
Tgt Ion: 98 Resp: 808701
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.824 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

Tgt Ion: 95 Resp: 297952
Ion Ratio Lower Upper
95 100
174 74.7 0.0 152.8
176 71.5 0.0 145.4

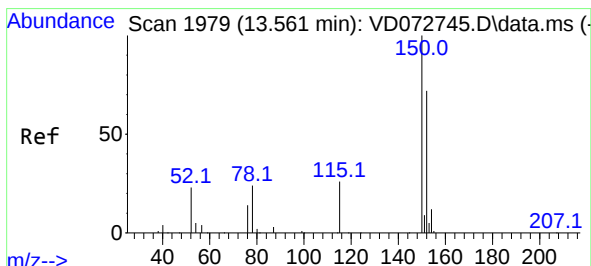
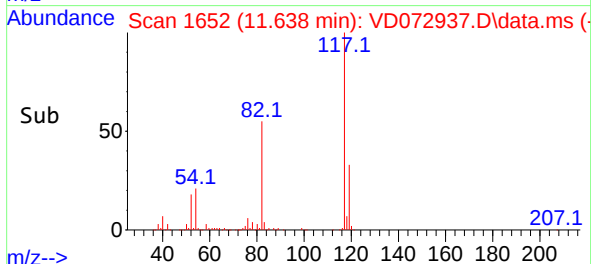
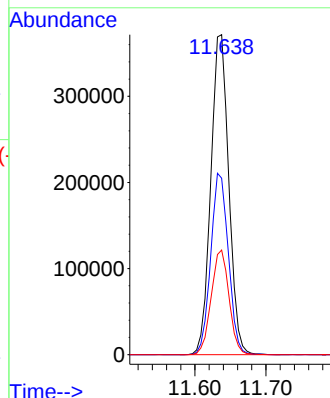
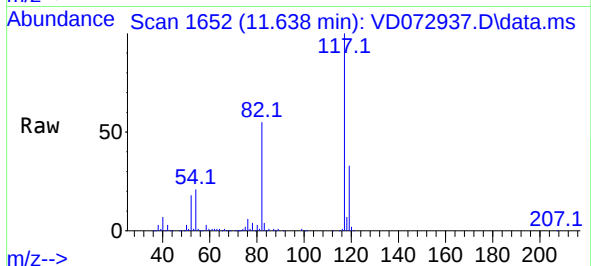




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 651644
Ion Ratio Lower Upper
117 100
82 55.1 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072937.D
Acq: 11 May 2022 18:12

Tgt Ion:152 Resp: 295743
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 156.5 0.0 348.6

