

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051122\
 Data File : VD072923.D
 Acq On : 11 May 2022 11:34
 Operator : VA/SY
 Sample : VD0511SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0511SBL01

Quant Time: May 11 13:17:36 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	363656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	675495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	663622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	293263	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	214192	45.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.740%
35) Dibromofluoromethane	7.909	113	216368	45.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.332	98	811719	47.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.620	95	296223	46.684	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.360%

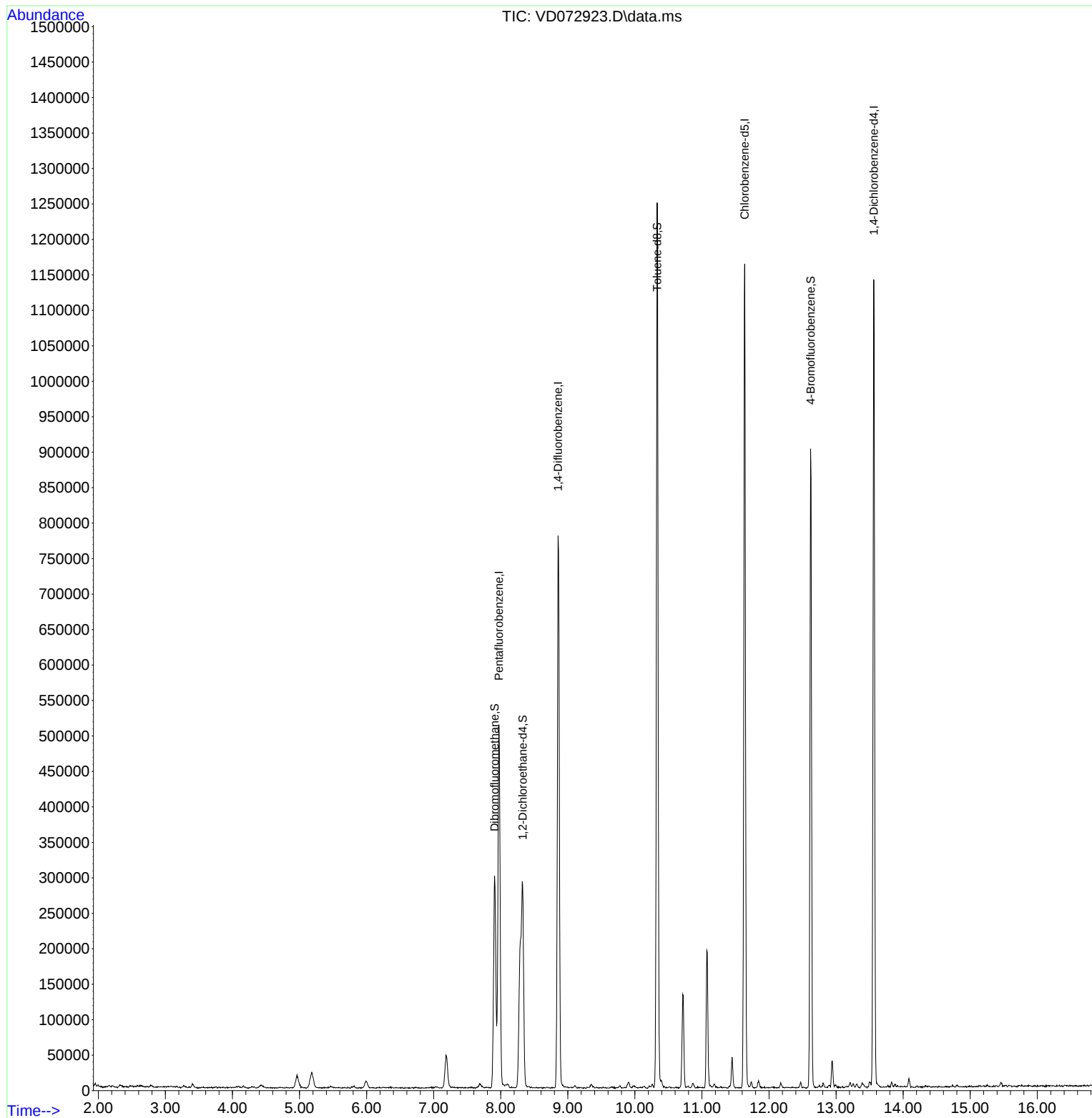
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072923.D

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Instrument :

MSVOA_D

ClientSampleId :

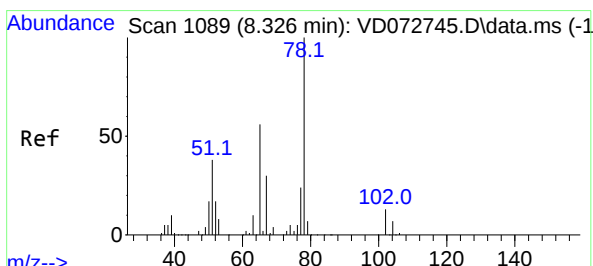
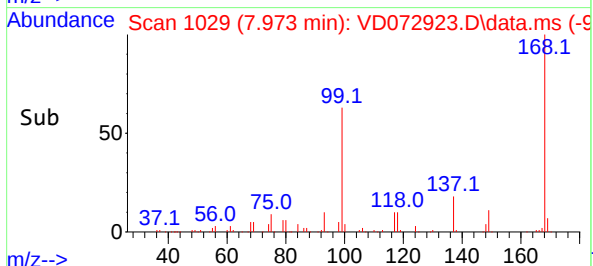
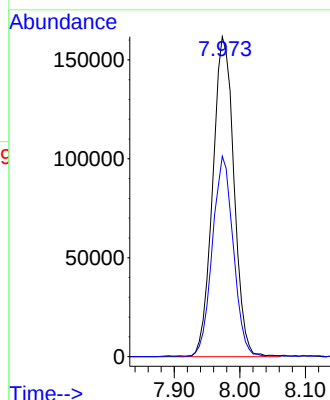
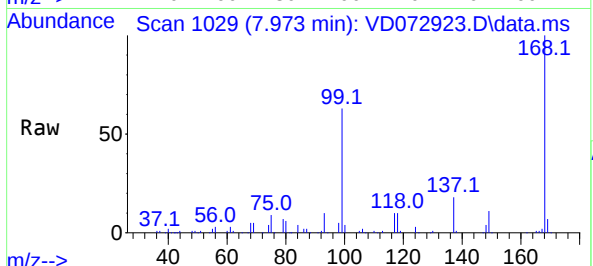
VD0511SBL01

Tgt Ion:168 Resp: 363656

Ion Ratio Lower Upper

168 100

99 62.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 45.374 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072923.D

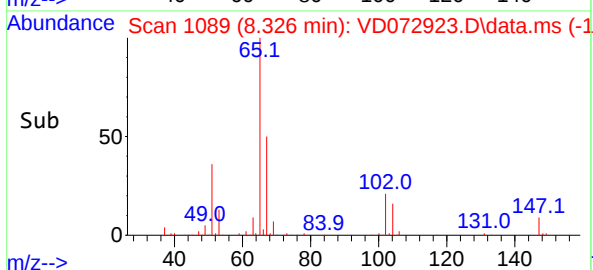
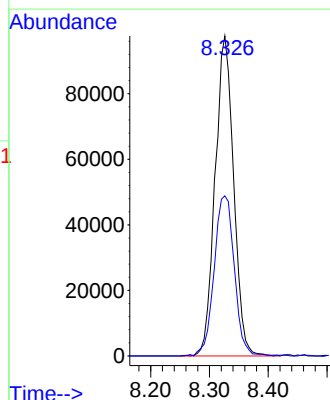
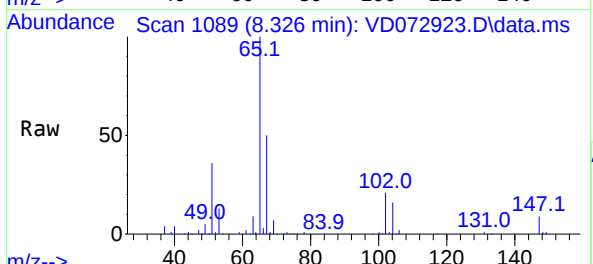
Acq: 11 May 2022 11:34

Tgt Ion: 65 Resp: 214192

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



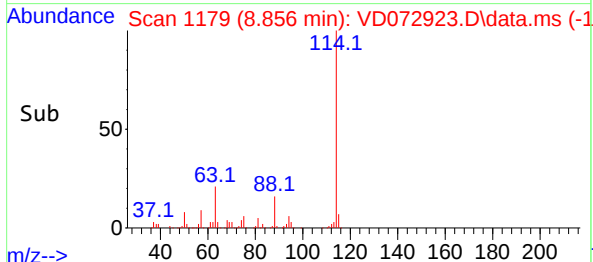
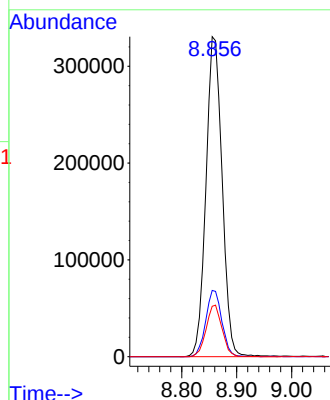
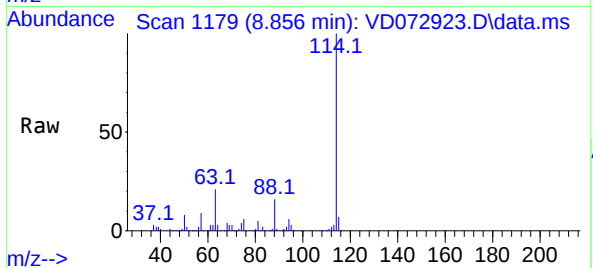


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Tgt Ion:114 Resp: 675495

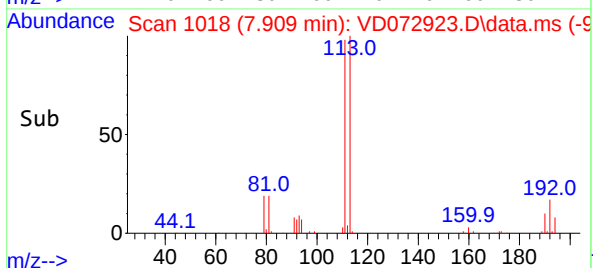
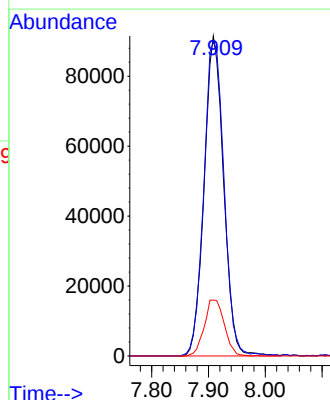
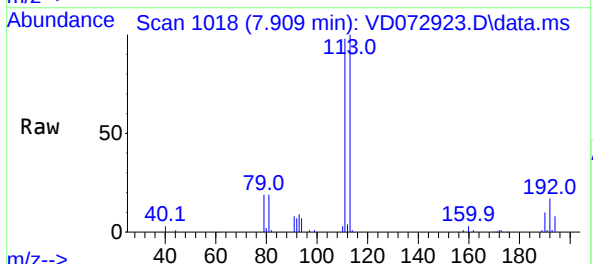
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	46.6
88	15.7	0.0	33.2

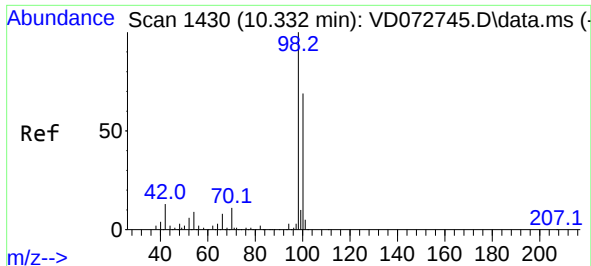


#35
Dibromofluoromethane
Concen: 45.608 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion:113 Resp: 216368

Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.8	125.6
192	18.1	14.6	21.8

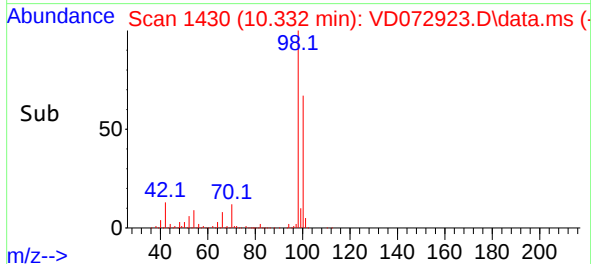
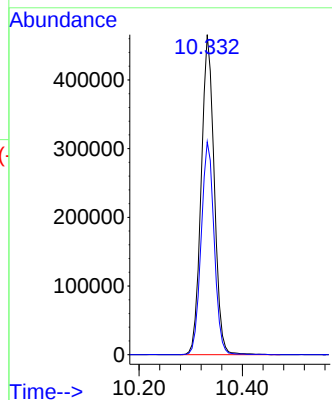
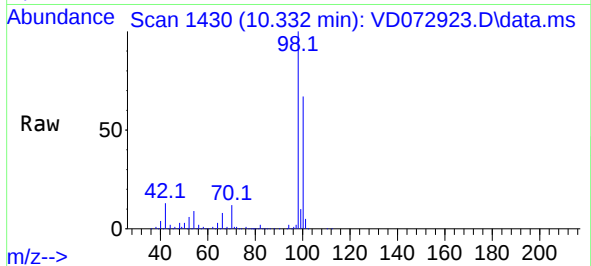




#50
Toluene-d8
Concen: 47.699 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

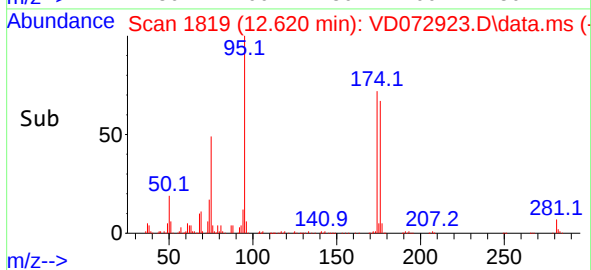
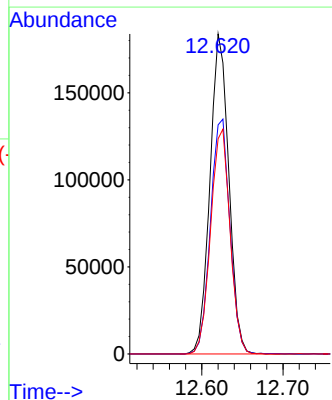
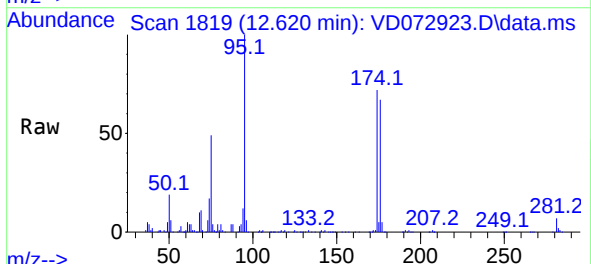
Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

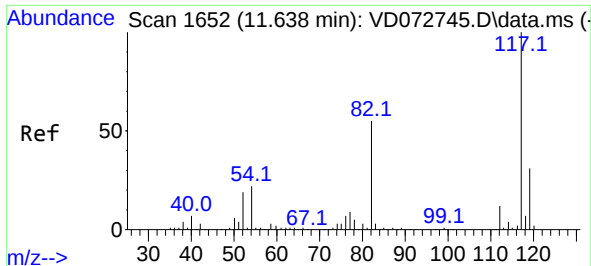
Tgt Ion: 98 Resp: 811719
Ion Ratio Lower Upper
98 100
100 66.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.684 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion: 95 Resp: 296223
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.8
176 72.3 0.0 145.4

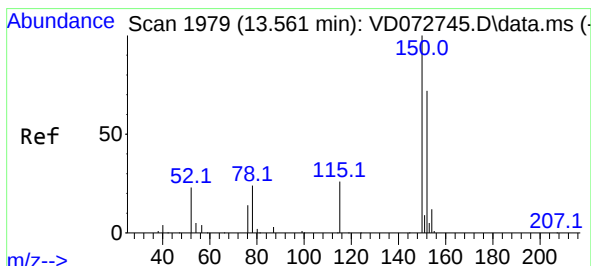
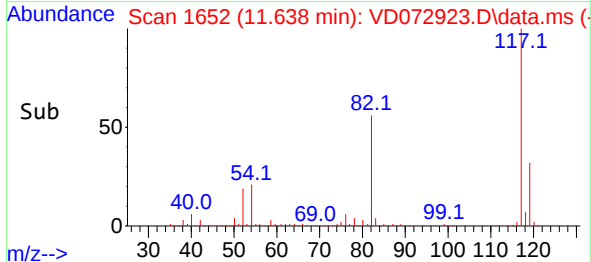
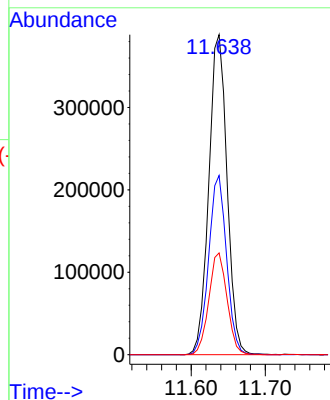
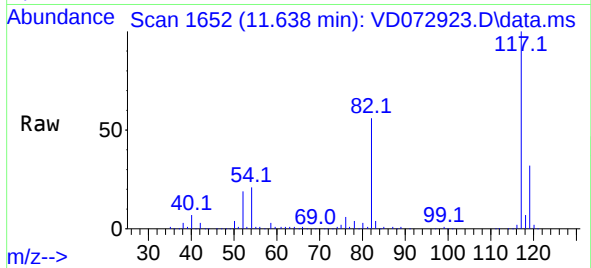




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072923.D
Acq: 11 May 2022 11:34

Instrument :
MSVOA_D
ClientSampleId :
VD0511SBL01

Tgt Ion:117 Resp: 663622
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 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: VD072923.D
Acq: 11 May 2022 11:34

Tgt Ion:152 Resp: 293263
Ion Ratio Lower Upper
152 100
115 62.2 31.3 93.8
150 158.1 0.0 348.6

