

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073224.D
 Acq On : 21 May 2022 12:05
 Operator : VA/SY
 Sample : N2885-02
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P004-SS002-0612-01

Quant Time: May 22 00:02:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	294142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	517894	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	519021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218504	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	150932	46.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.86%
35) Dibromofluoromethane	7.908	113	175680	51.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.82%
50) Toluene-d8	10.332	98	644786	51.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.36%
62) 4-Bromofluorobenzene	12.620	95	228913	51.78	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.56%

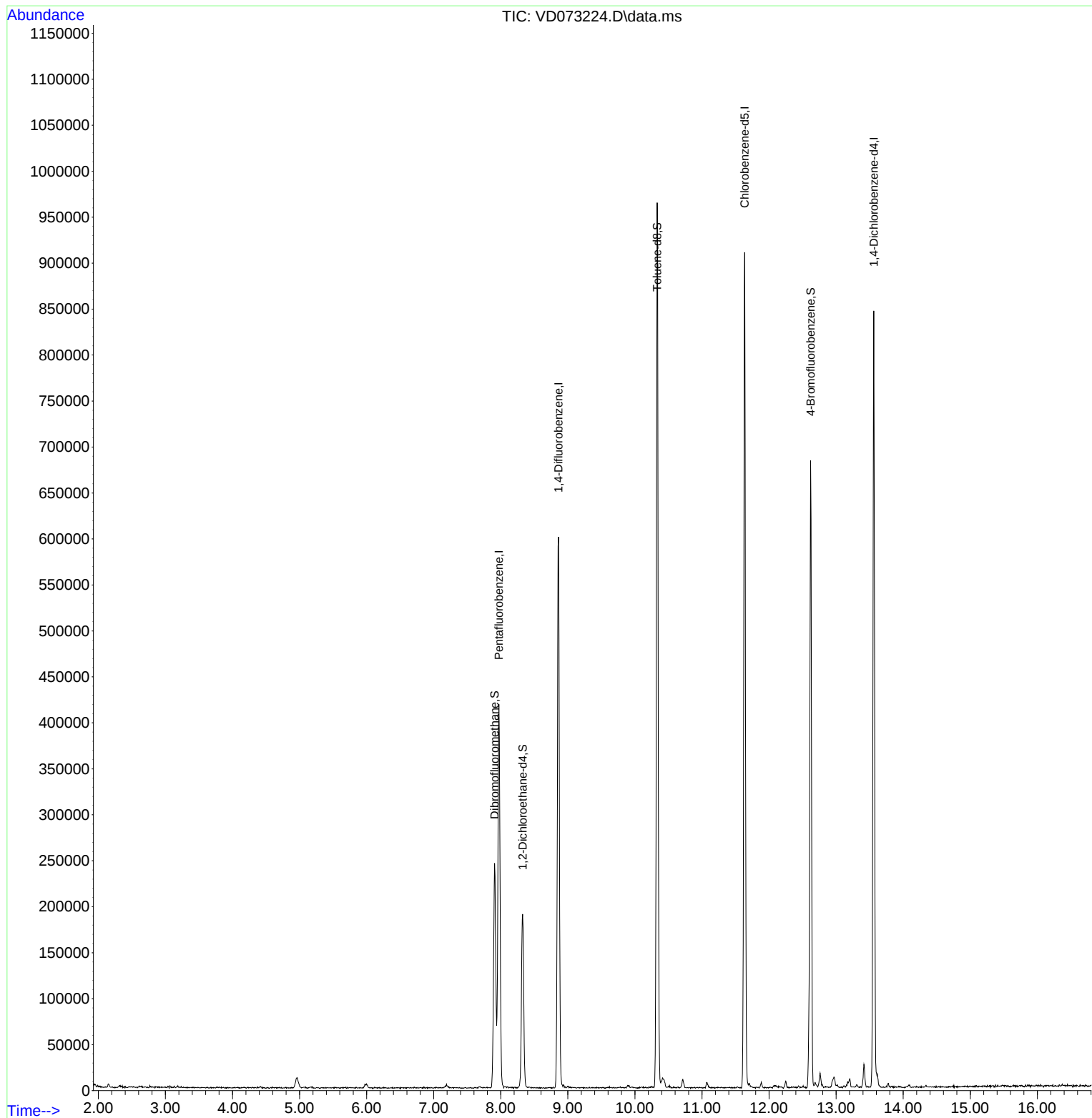
Target Compounds Qvalue

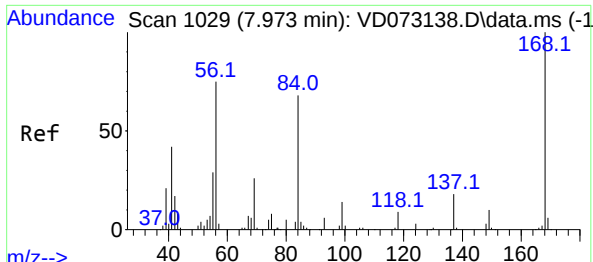
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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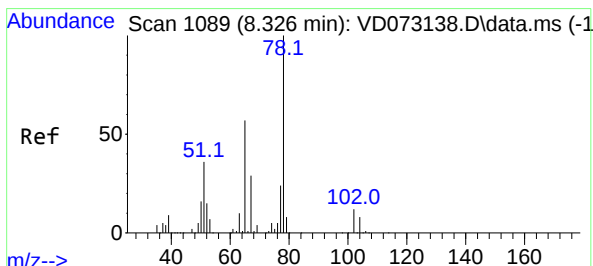
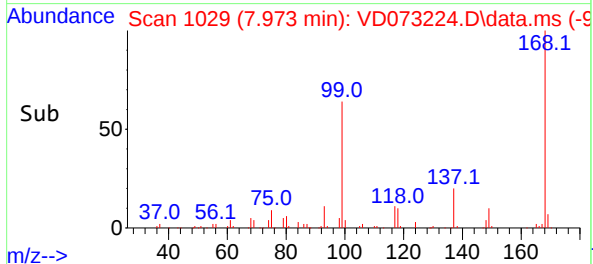
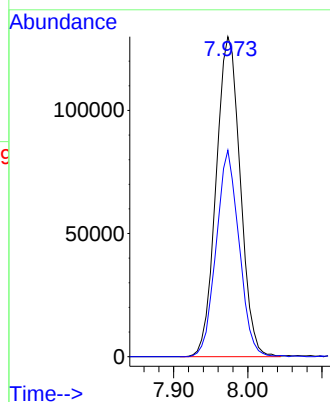
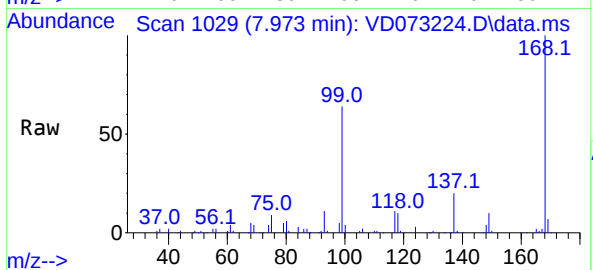




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

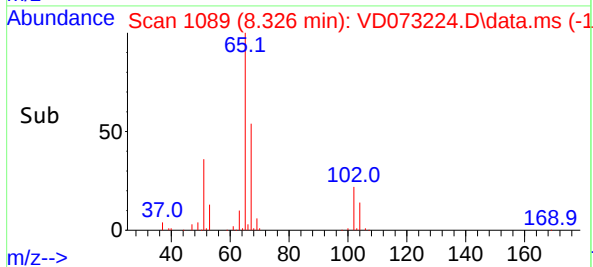
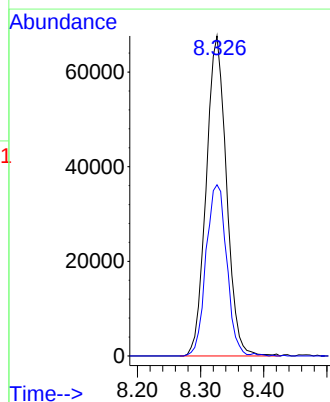
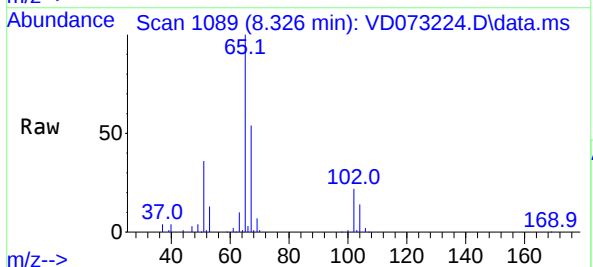
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-0612-01

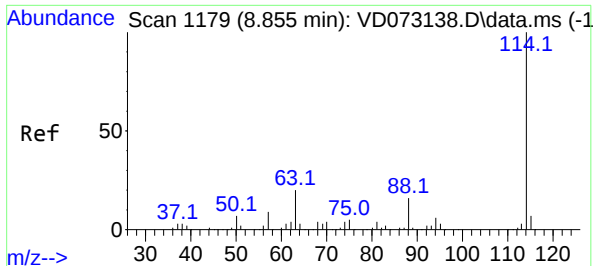
Tgt Ion:168 Resp: 294142
Ion Ratio Lower Upper
168 100
99 64.5 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 46.43 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

Tgt Ion: 65 Resp: 150932
Ion Ratio Lower Upper
65 100
67 54.3 0.0 101.4

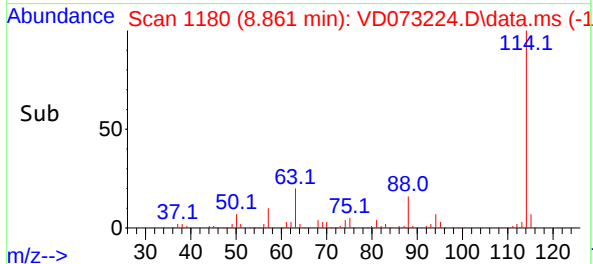
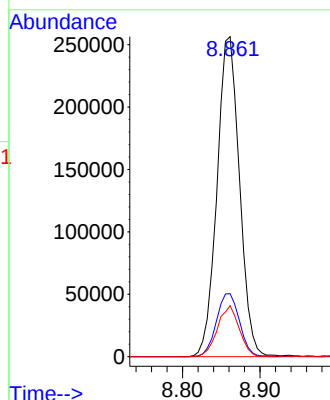
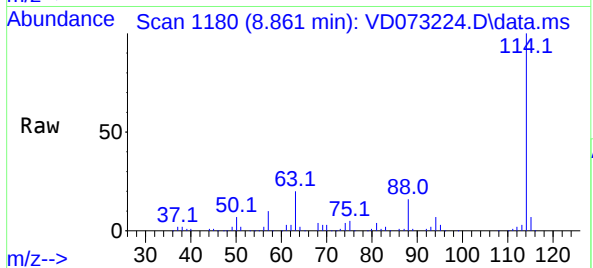




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

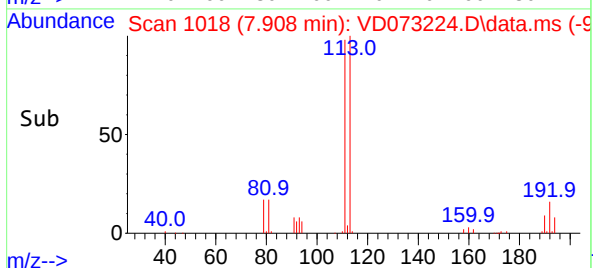
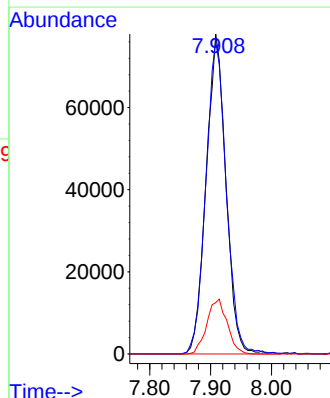
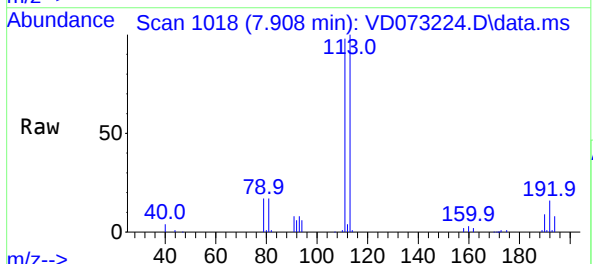
Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-0612-01

Tgt Ion:114 Resp: 517894
Ion Ratio Lower Upper
114 100
63 19.7 0.0 46.6
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 51.41 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

Tgt Ion:113 Resp: 175680
Ion Ratio Lower Upper
113 100
111 101.2 83.8 125.6
192 17.6 14.6 21.8

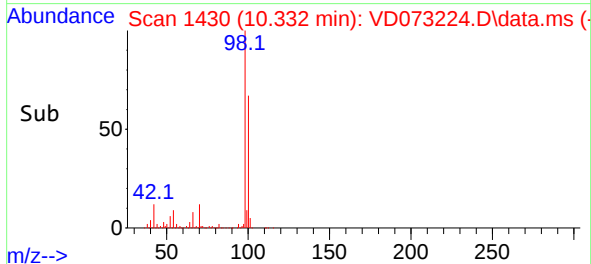
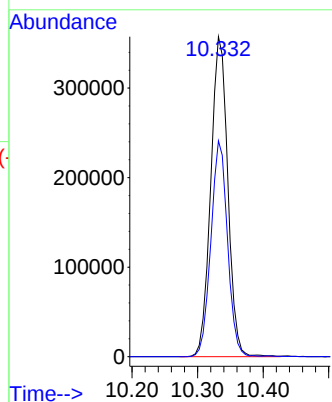
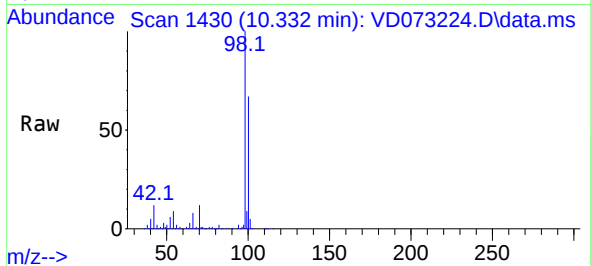




#50
Toluene-d8
Concen: 51.18 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

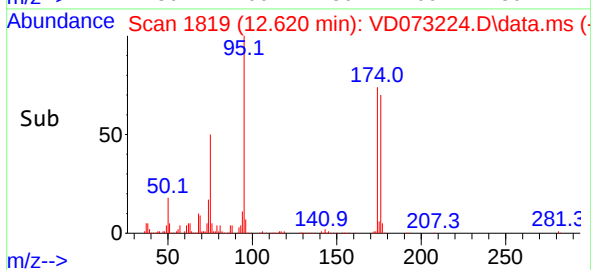
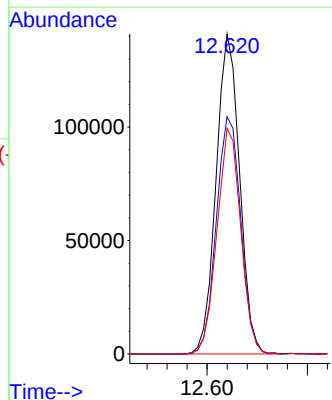
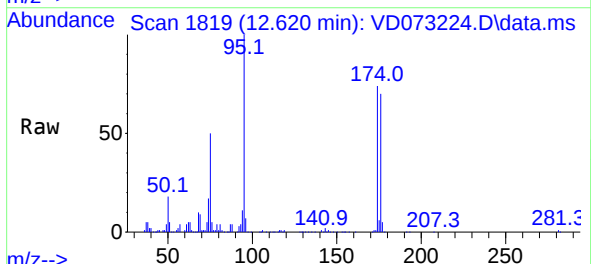
Instrument :
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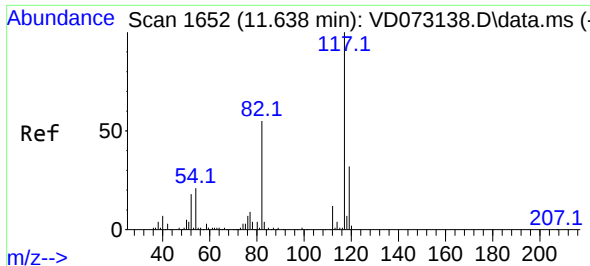
Tgt Ion: 98 Resp: 644786
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 51.78 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

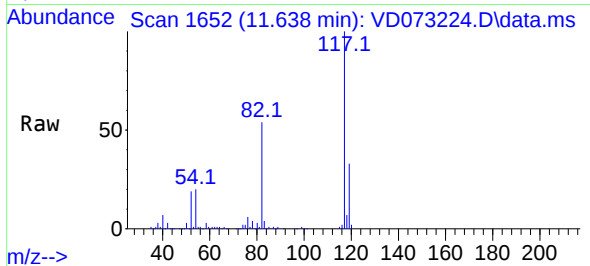
Tgt Ion: 95 Resp: 228913
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 71.3 0.0 145.4



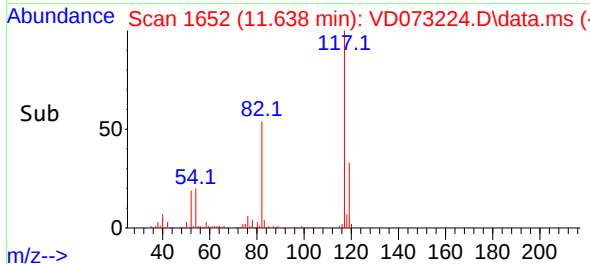
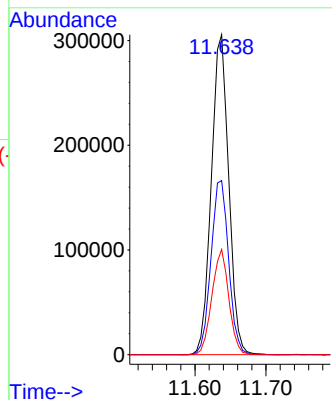


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

Instrument :
MSVOA_D
ClientSampleId :
P004-SS002-0612-01



Tgt Ion:117 Resp: 519021
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 32.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073224.D
Acq: 21 May 2022 12:05

Tgt Ion:152 Resp: 218504
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 158.7 0.0 348.6

