

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072245.D
 Acq On : 17 Mar 2022 15:14
 Operator : VA/SY
 Sample : N1913-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BS-SOILP

Quant Time: Mar 18 04:30:49 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	279739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	465156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	514858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	266130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	168064	53.909	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.820%
35) Dibromofluoromethane	7.914	113	154646	47.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.480%
50) Toluene-d8	10.338	98	577198	48.224	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.440%
62) 4-Bromofluorobenzene	12.626	95	256110	55.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.140%

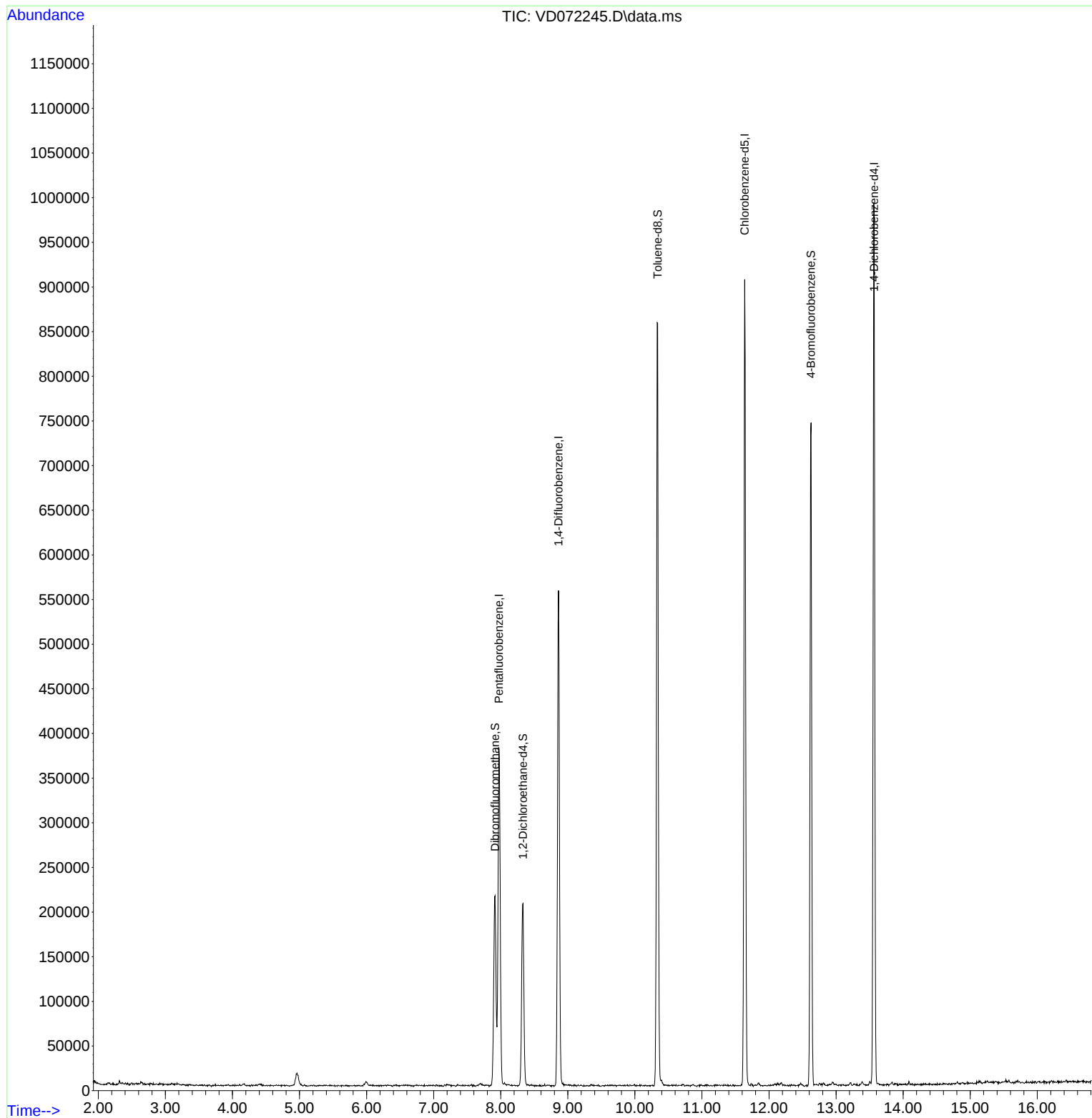
Target Compounds	Qvalue

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

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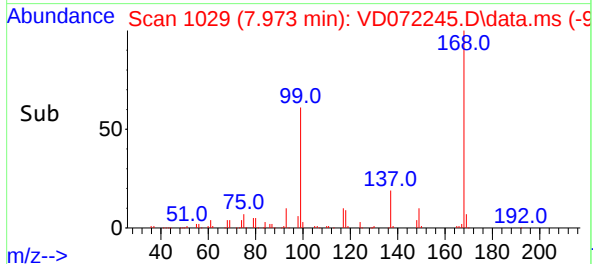
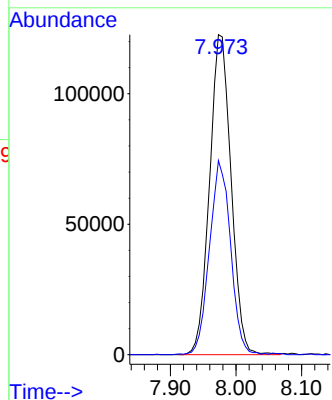
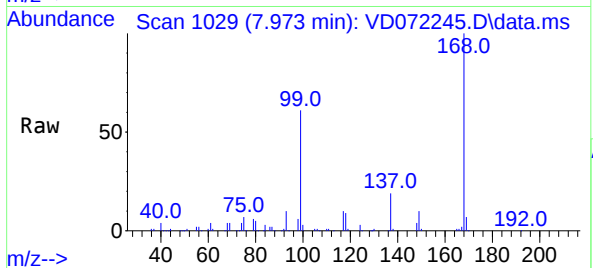




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

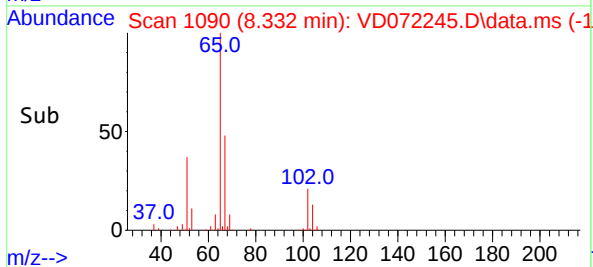
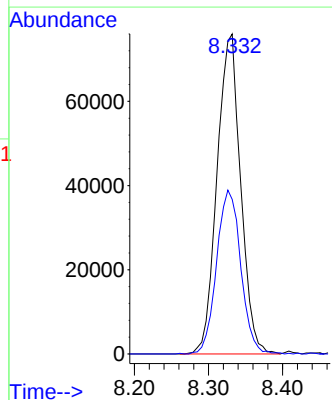
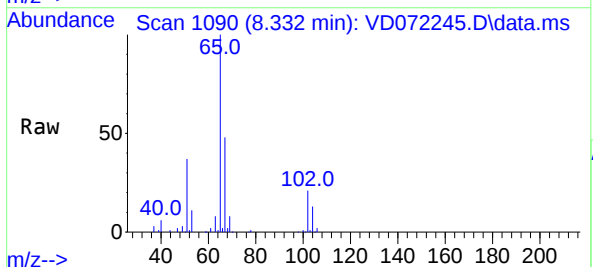
Instrument :
MSVOA_D
ClientSampleId :
BS-SOILP

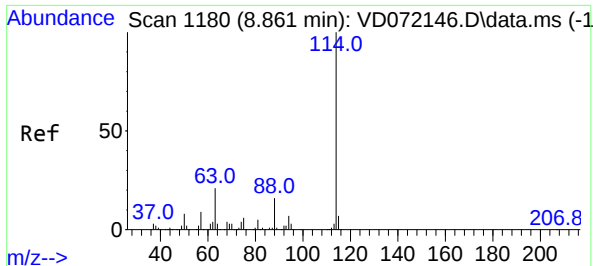
Tgt Ion:168 Resp: 279739
Ion Ratio Lower Upper
168 100
99 60.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 53.909 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

Tgt Ion: 65 Resp: 168064
Ion Ratio Lower Upper
65 100
67 52.4 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: VD072245.D

Acq: 17 Mar 2022 15:14

Instrument :

MSVOA_D

ClientSampleId :

BS-SOILP

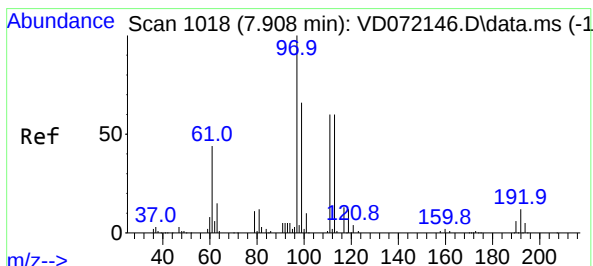
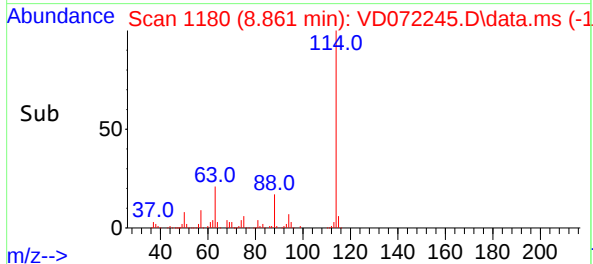
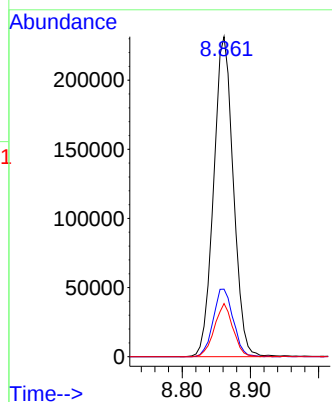
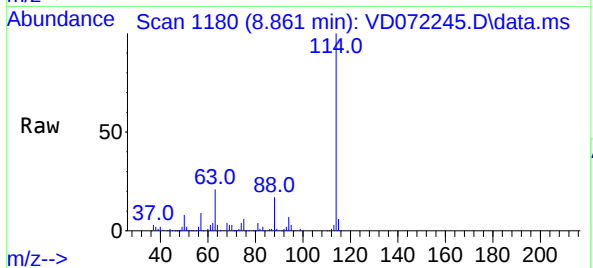
Tgt Ion:114 Resp: 465156

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.244 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072245.D

Acq: 17 Mar 2022 15:14

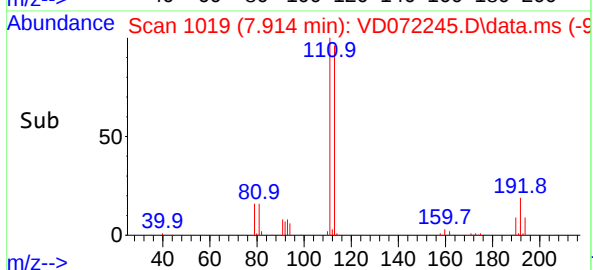
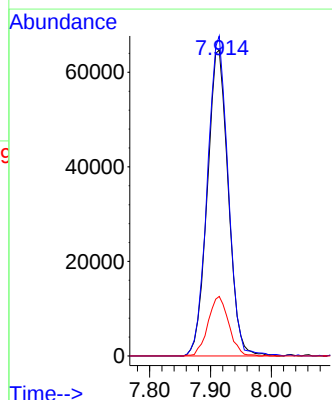
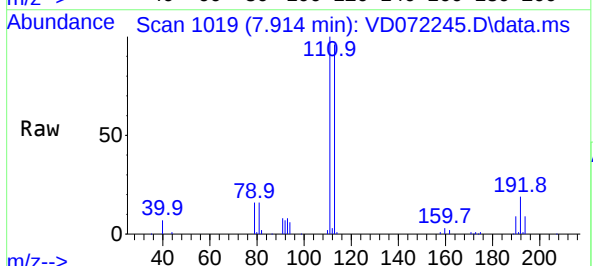
Tgt Ion:113 Resp: 154646

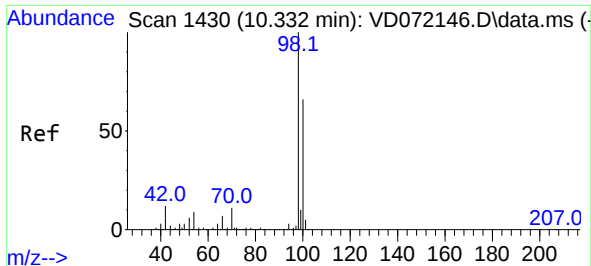
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 19.2 14.6 21.8

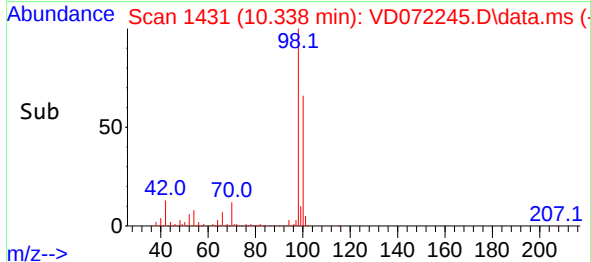
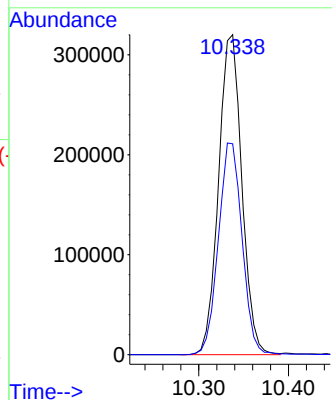
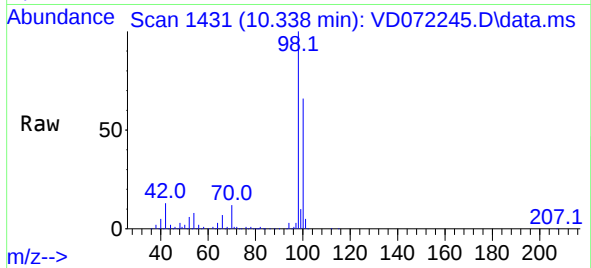




#50
Toluene-d8
Concen: 48.224 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

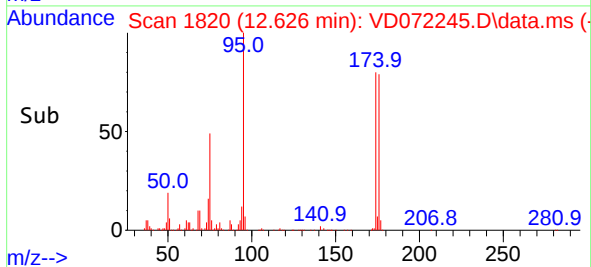
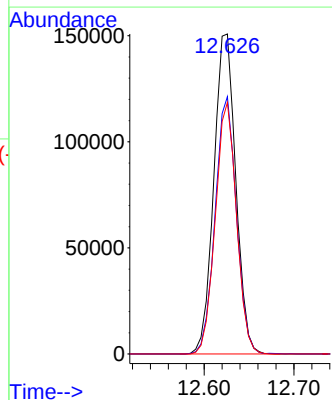
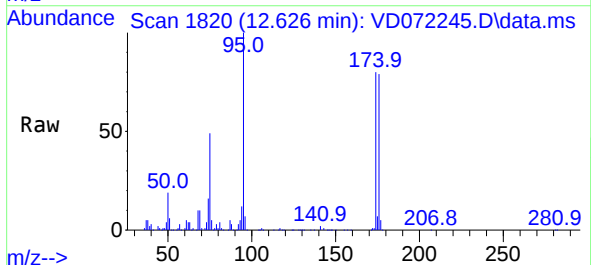
Instrument :
MSVOA_D
ClientSampleId :
BS-SOILP

Tgt Ion: 98 Resp: 577198
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.070 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

Tgt Ion: 95 Resp: 256110
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.5 0.0 145.4

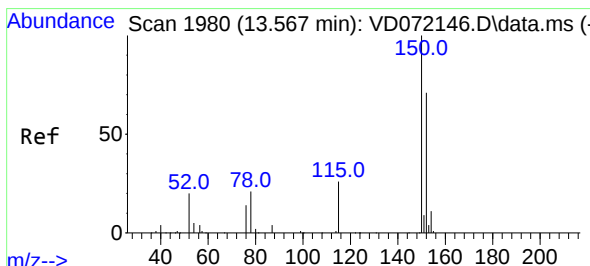
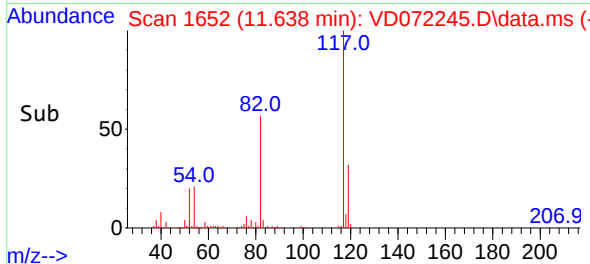
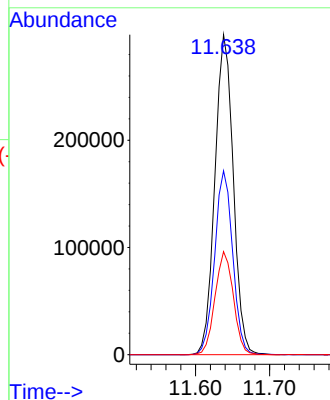
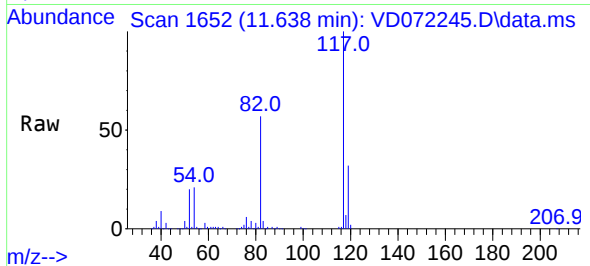




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

Instrument :
MSVOA_D
ClientSampleId :
BS-SOILP

Tgt Ion:117 Resp: 514858
Ion Ratio Lower Upper
117 100
82 57.4 45.3 67.9
119 32.2 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072245.D
Acq: 17 Mar 2022 15:14

Tgt Ion:152 Resp: 266130
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 157.0 0.0 348.6

