

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074912.D
 Acq On : 12 Nov 2022 03:14
 Operator : VA/SY
 Sample : N5607-05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-37

Quant Time: Nov 14 00:59:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	150753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	231264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	57309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	79776	83.625	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	167.260%#
35) Dibromofluoromethane	7.805	113	99352	69.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.380%
50) Toluene-d8	10.269	98	290524	61.867	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	123.740%
62) 4-Bromofluorobenzene	12.575	95	63712	44.184	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.360%

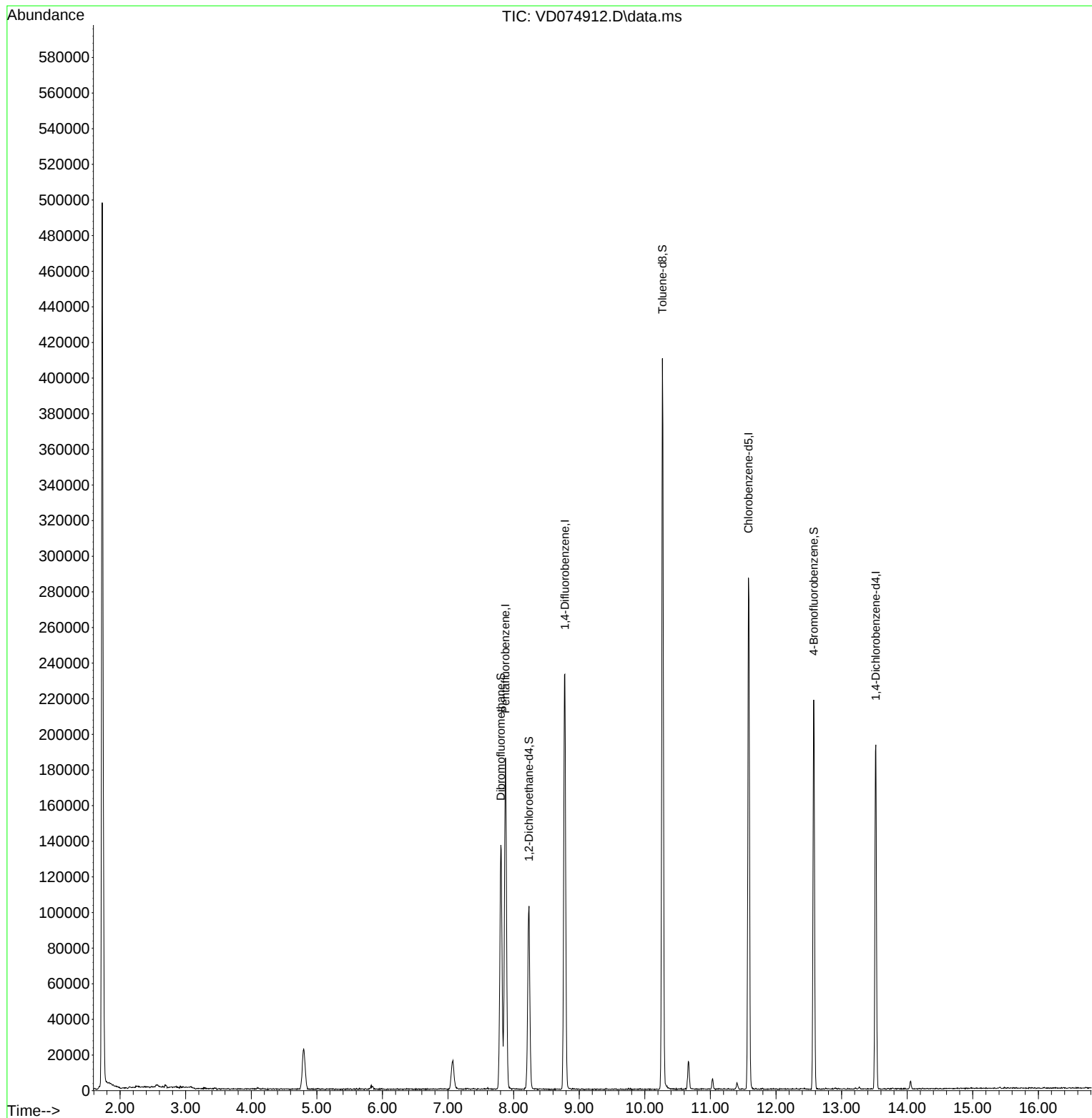
Target Compounds	Qvalue

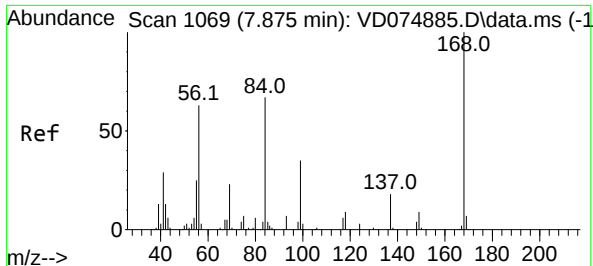
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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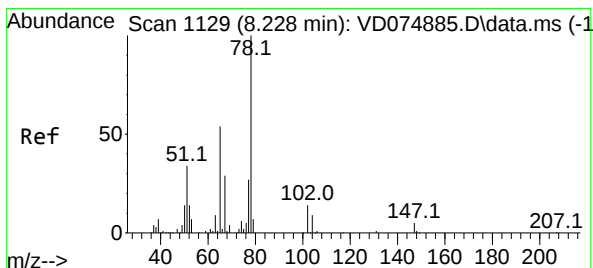
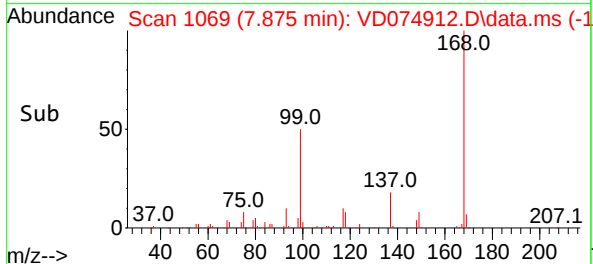
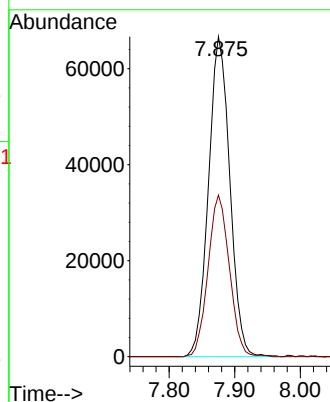
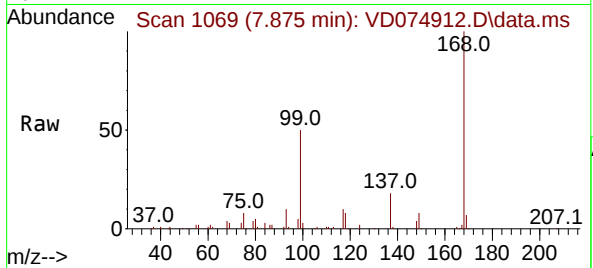




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

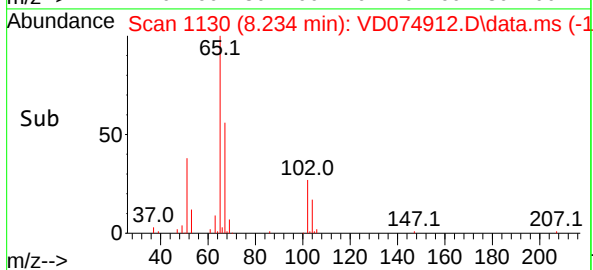
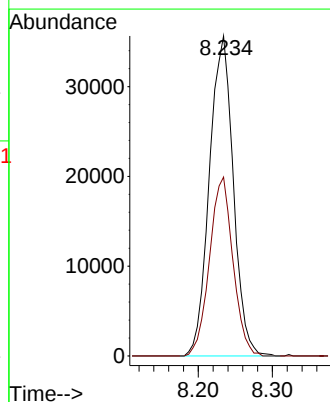
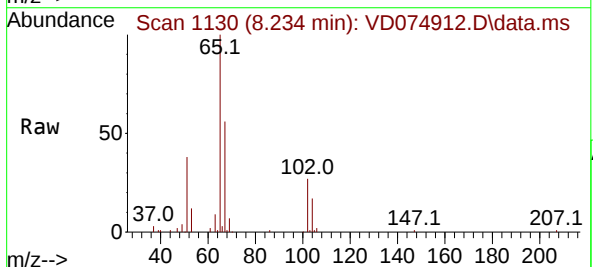
Instrument :
MSVOA_D
ClientSampleId :
SB-37

Tgt Ion:168 Resp: 150753
Ion Ratio Lower Upper
168 100
99 50.5 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 83.625 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

Tgt Ion: 65 Resp: 79776
Ion Ratio Lower Upper
65 100
67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074912.D

Acq: 12 Nov 2022 03:14

Instrument :

MSVOA_D

ClientSampleId :

SB-37

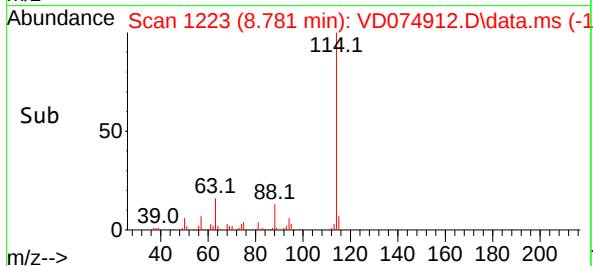
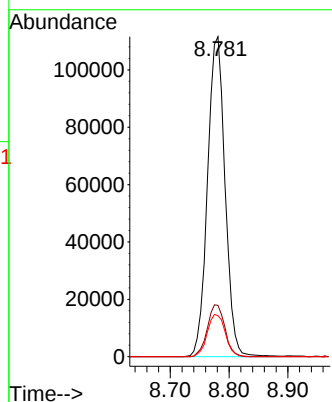
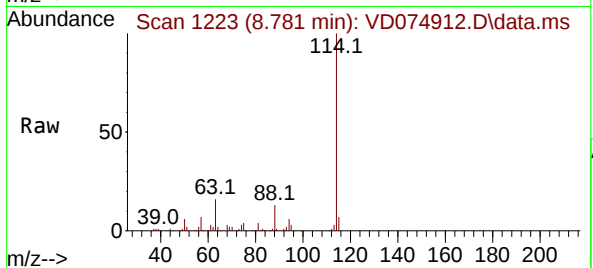
Tgt Ion:114 Resp: 231264

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 69.692 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074912.D

Acq: 12 Nov 2022 03:14

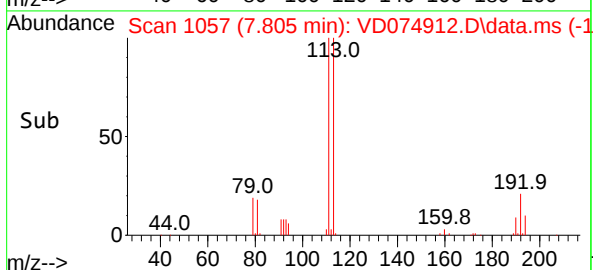
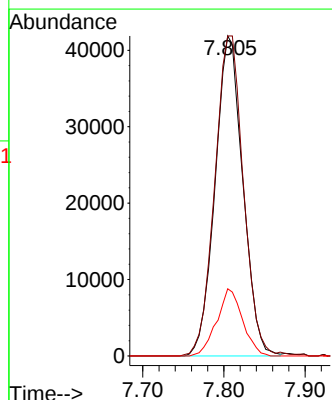
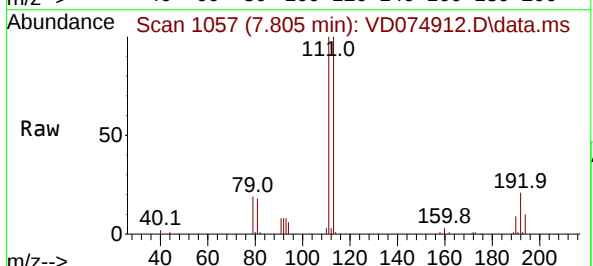
Tgt Ion:113 Resp: 99352

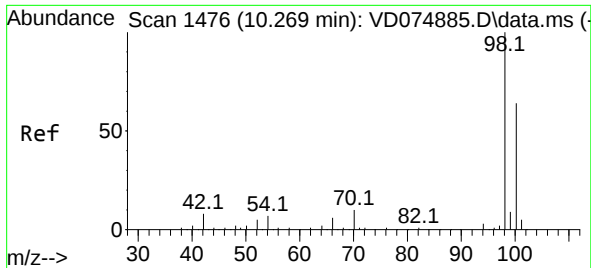
Ion Ratio Lower Upper

113 100

111 103.4 82.3 123.5

192 19.6 16.4 24.6

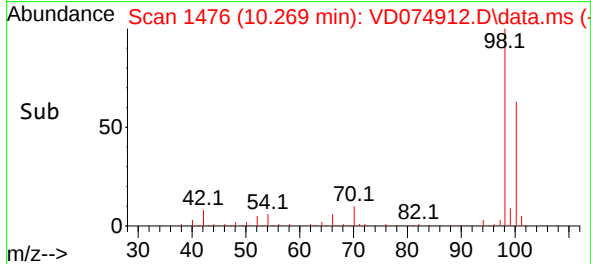
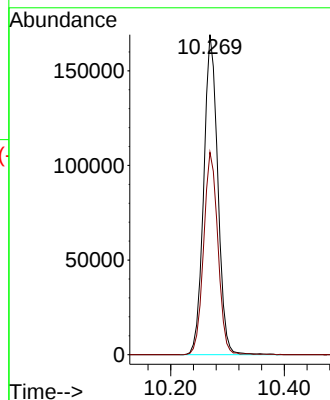
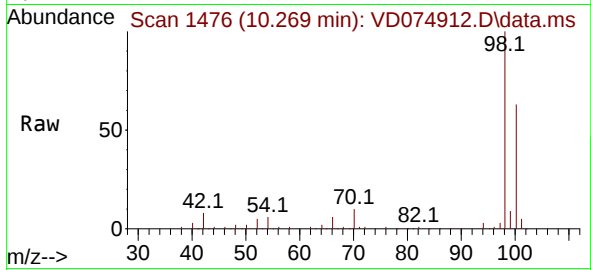




#50
Toluene-d8
Concen: 61.867 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

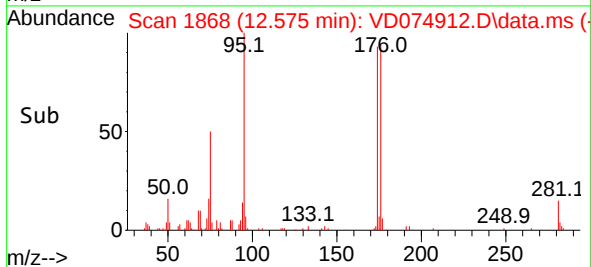
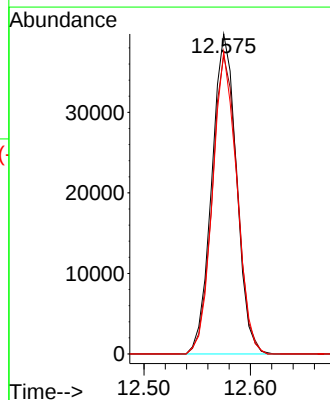
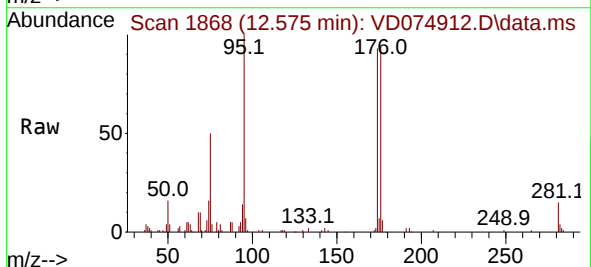
Instrument :
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Tgt Ion: 98 Resp: 290524
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.184 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

Tgt Ion: 95 Resp: 63712
Ion Ratio Lower Upper
95 100
174 94.8 0.0 197.0
176 92.5 0.0 182.6

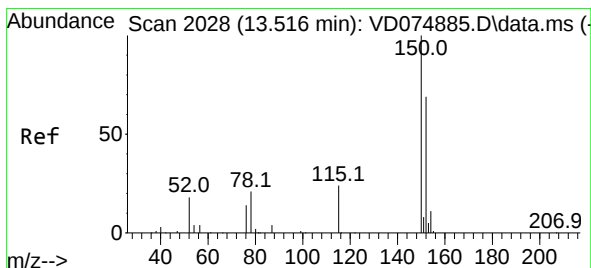
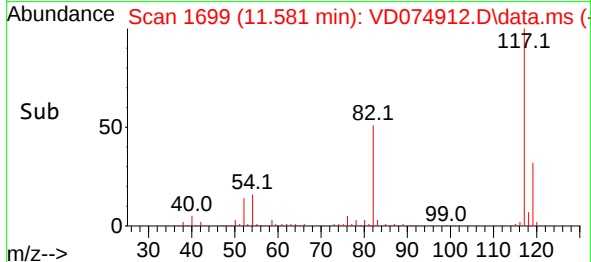
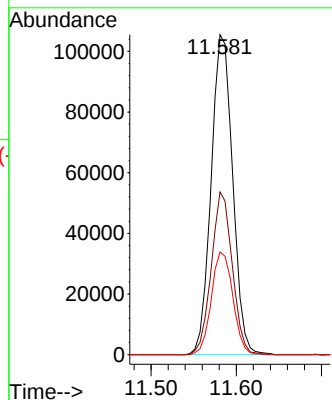
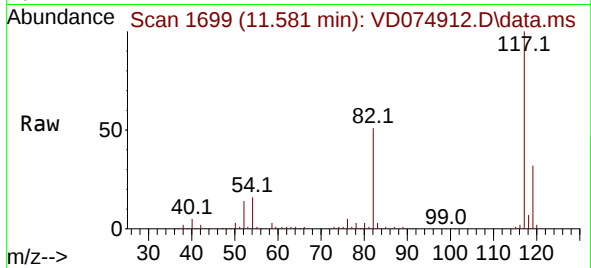




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

Instrument :
MSVOA_D
ClientSampleId :
SB-37

Tgt Ion:117 Resp: 185203
Ion Ratio Lower Upper
117 100
82 50.9 41.6 62.4
119 32.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074912.D
Acq: 12 Nov 2022 03:14

Tgt Ion:152 Resp: 57309
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 158.5 0.0 348.2

