

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112122\
 Data File : VD075006.D
 Acq On : 21 Nov 2022 16:20
 Operator : VA/SY
 Sample : N5740-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-12

Quant Time: Nov 22 00:18:58 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	7.881	168	11025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	20822	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	23427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12162	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	11177	166.360	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	332.720%#
35) Dibromofluoromethane	7.810	113	9789	76.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.540%#
50) Toluene-d8	10.269	98	23775	56.232	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.460%
62) 4-Bromofluorobenzene	12.575	95	9370	72.172	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	144.340%#

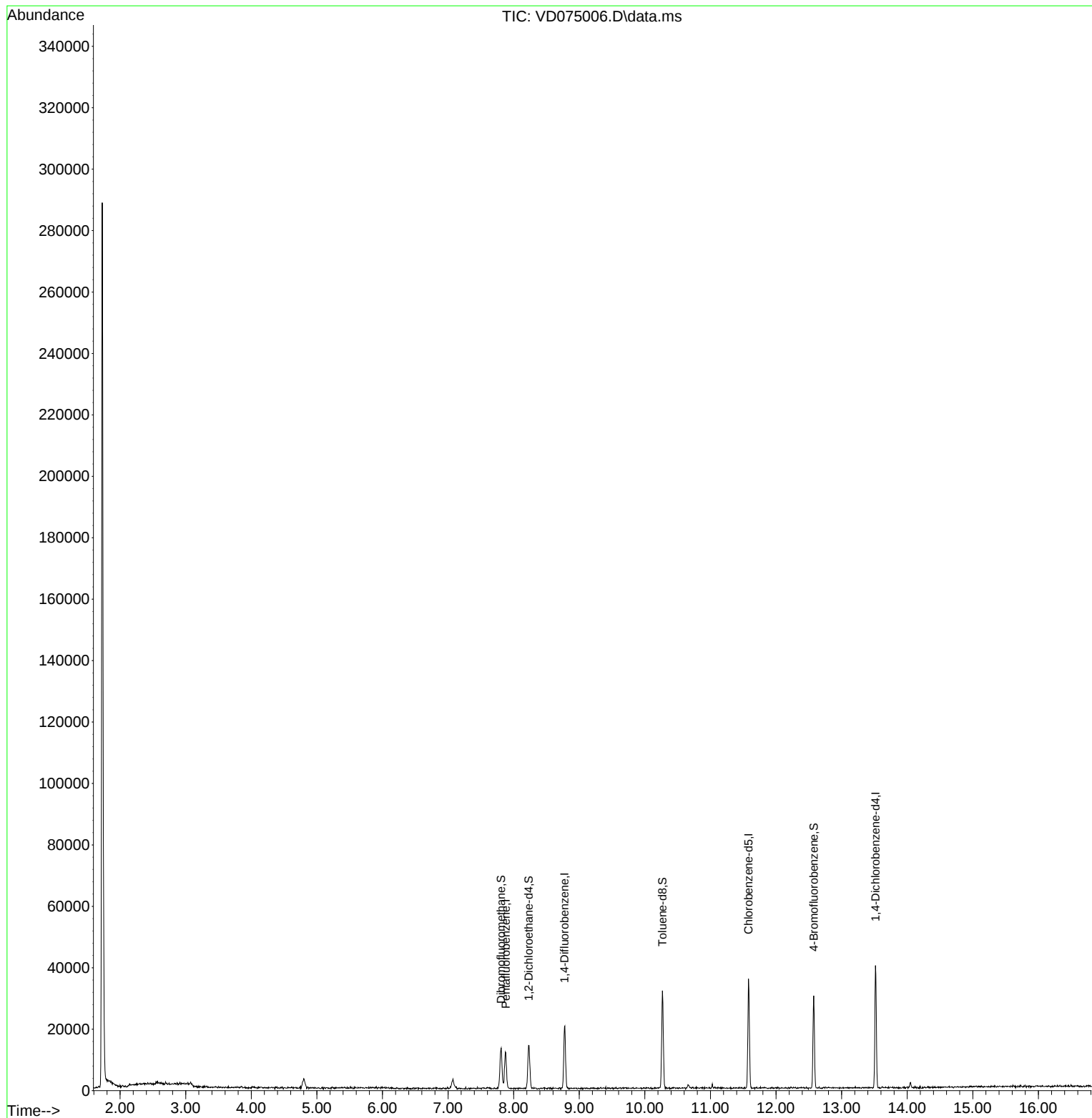
Target Compounds	Qvalue

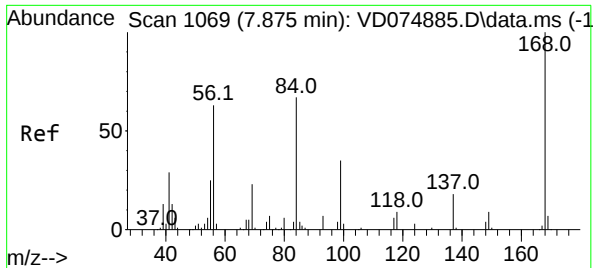
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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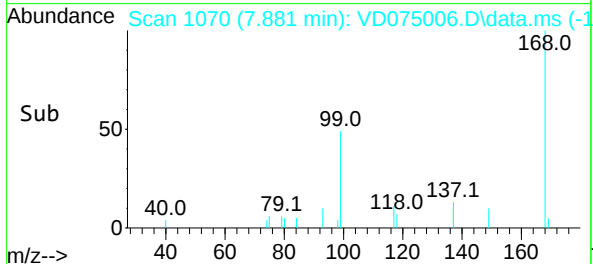
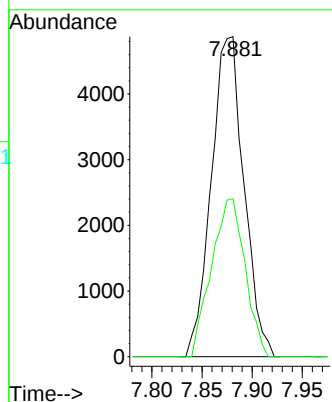
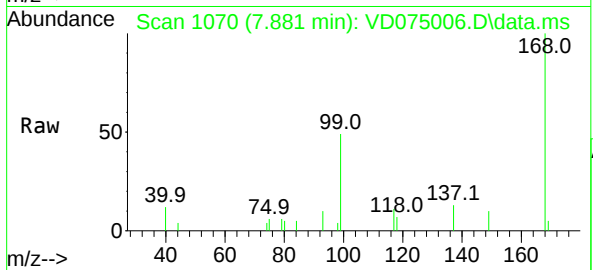




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

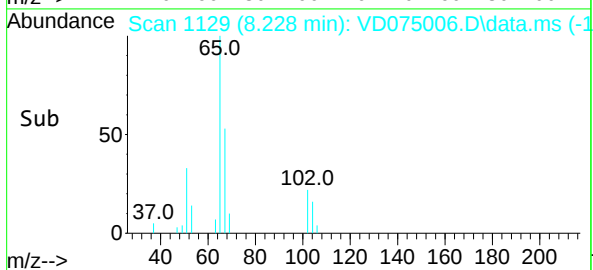
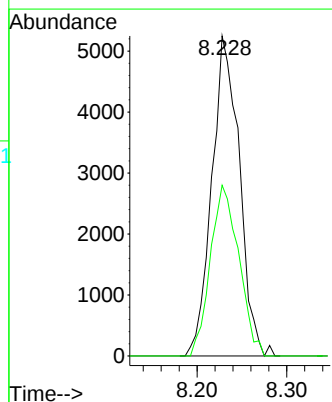
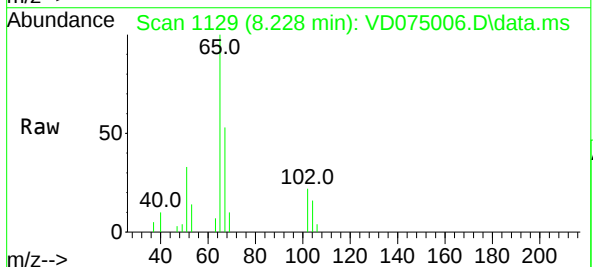
Instrument :
MSVOA_D
ClientSampleId :
MH-12

Tgt Ion:168 Resp: 11025
Ion Ratio Lower Upper
168 100
99 49.4 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 166.360 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

Tgt Ion: 65 Resp: 11177
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075006.D

Acq: 21 Nov 2022 16:20

Instrument :

MSVOA_D

ClientSampleId :

MH-12

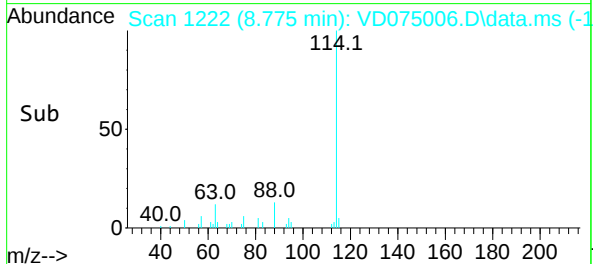
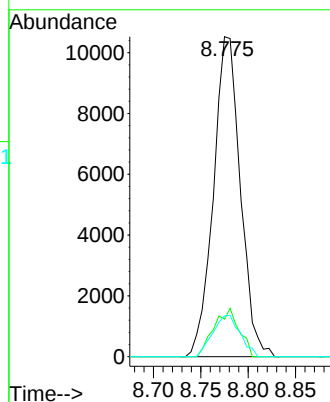
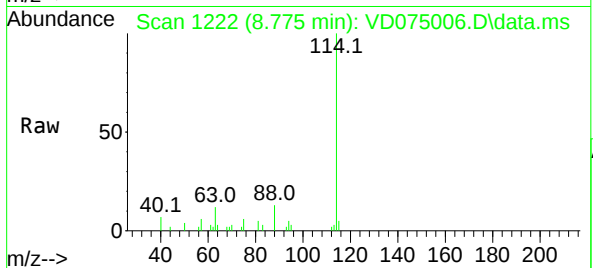
Tgt Ion:114 Resp: 20822

Ion Ratio Lower Upper

114 100

63 11.7 0.0 33.2

88 12.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 76.266 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075006.D

Acq: 21 Nov 2022 16:20

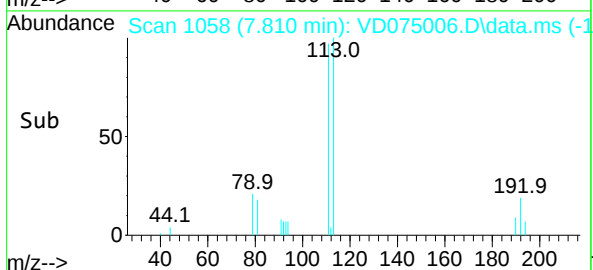
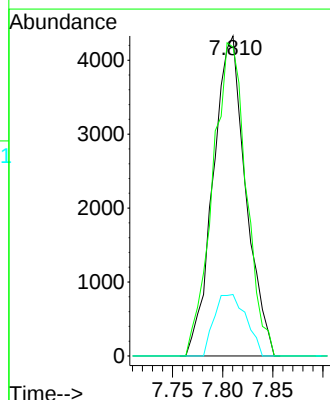
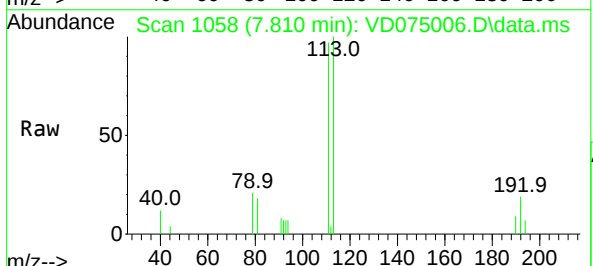
Tgt Ion:113 Resp: 9789

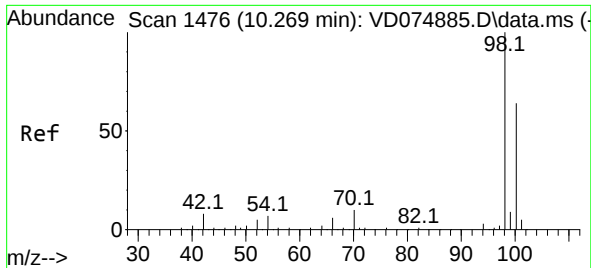
Ion Ratio Lower Upper

113 100

111 101.1 82.3 123.5

192 18.7 16.4 24.6

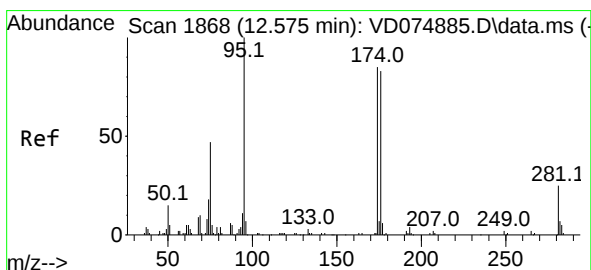
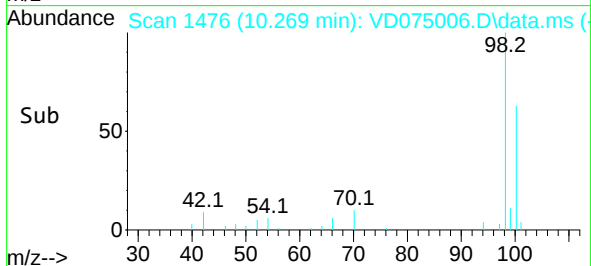
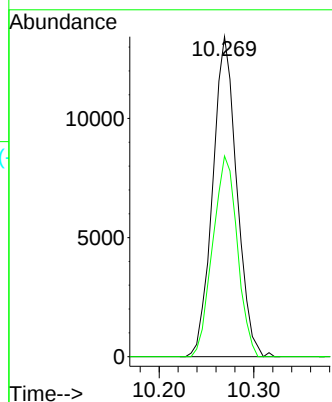
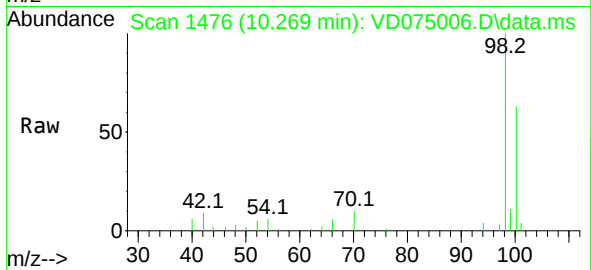




#50
Toluene-d8
Concen: 56.232 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

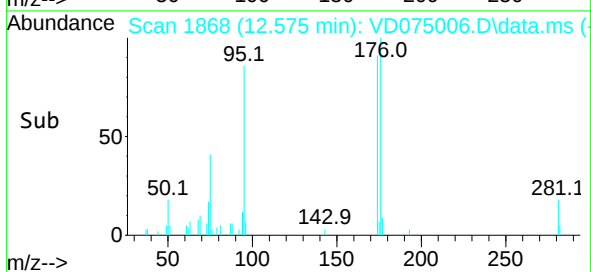
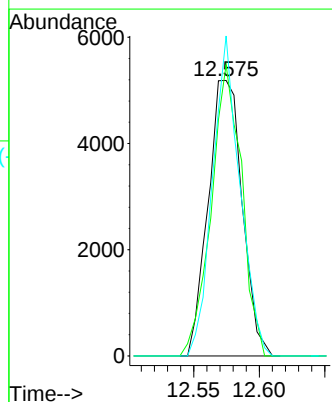
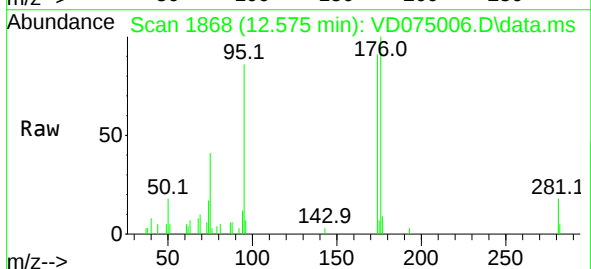
Instrument :
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Tgt Ion: 98 Resp: 23775
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 72.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

Tgt Ion: 95 Resp: 9370
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.0
176 93.4 0.0 182.6

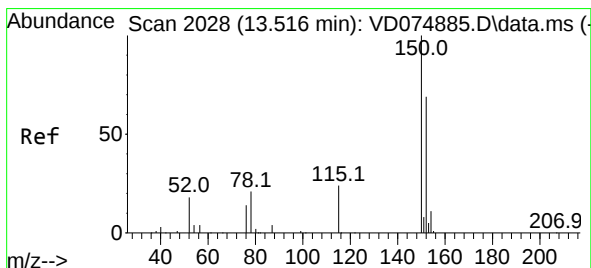
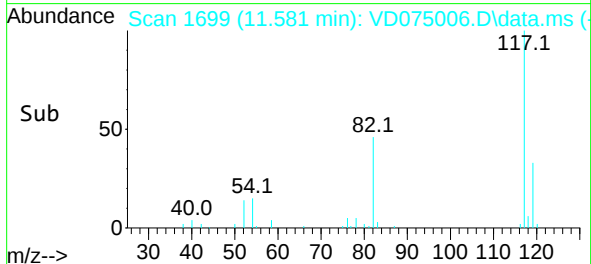
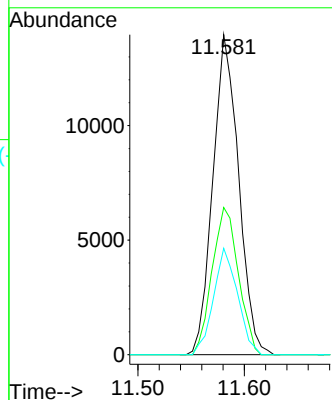
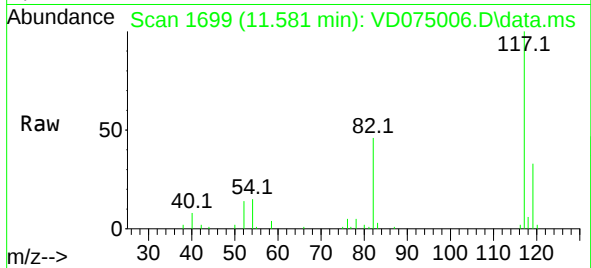




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

Instrument :
MSVOA_D
ClientSampleId :
MH-12

Tgt Ion:117 Resp: 23427
Ion Ratio Lower Upper
117 100
82 46.0 41.6 62.4
119 33.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD075006.D
Acq: 21 Nov 2022 16:20

Tgt Ion:152 Resp: 12162
Ion Ratio Lower Upper
152 100
115 51.5 26.8 80.4
150 157.0 0.0 348.2

