

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074917.D
 Acq On : 12 Nov 2022 05:33
 Operator : VA/SY
 Sample : N5506-01RE
 Misc : 4.69G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 14 01:00:11 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	118675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	188435	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	70141	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76530	103.376	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.760%#
35) Dibromofluoromethane	7.811	113	88473	76.167	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	152.340%#
50) Toluene-d8	10.269	98	249165	65.120	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.240%
62) 4-Bromofluorobenzene	12.575	95	66880	56.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.840%

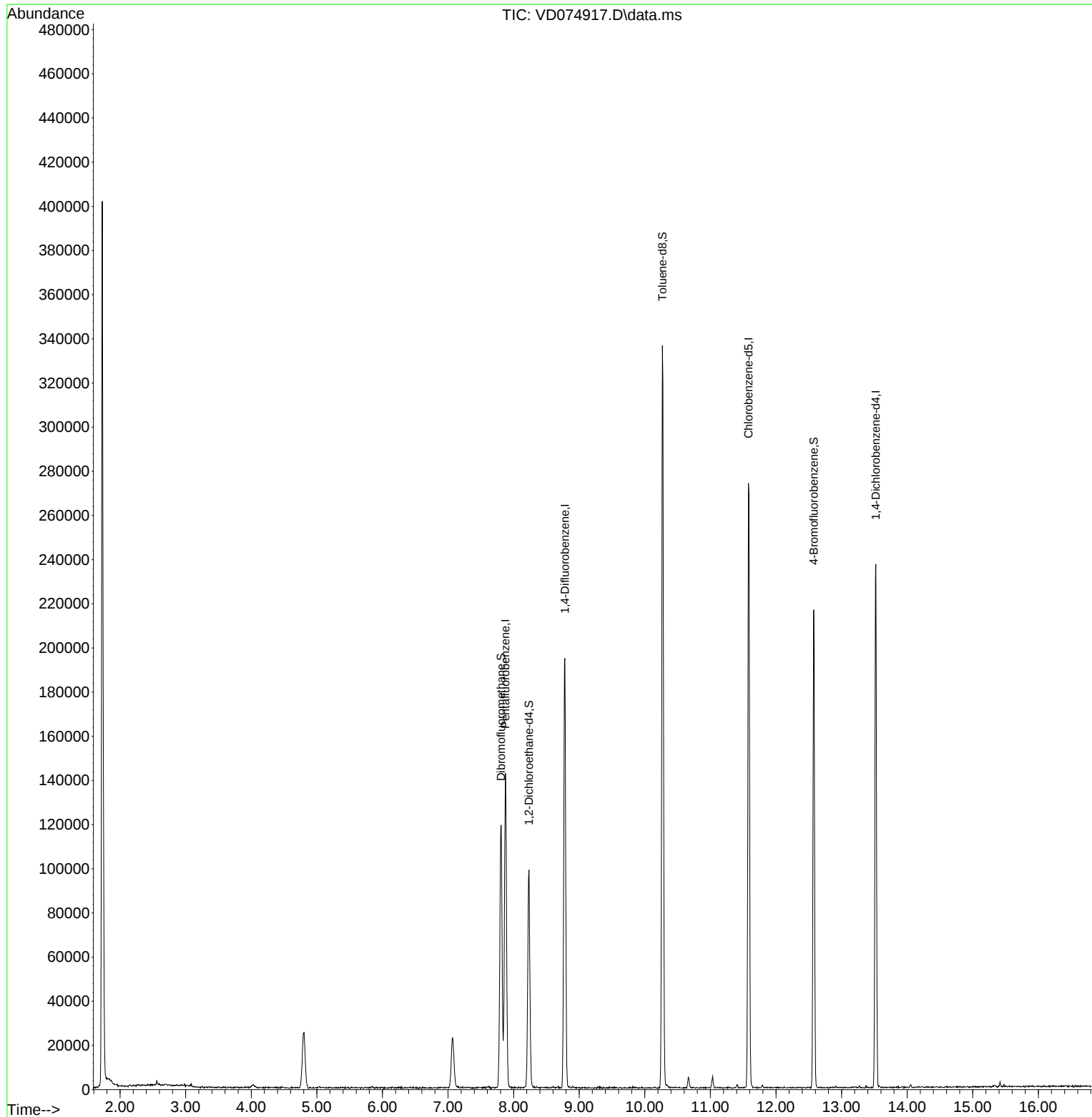
Target Compounds	Qvalue

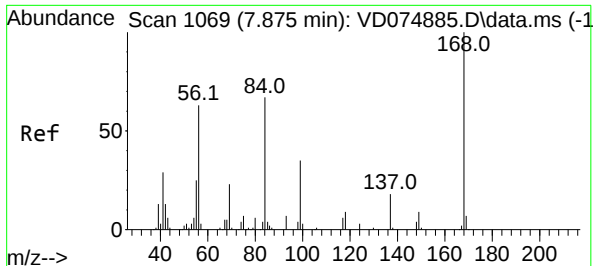
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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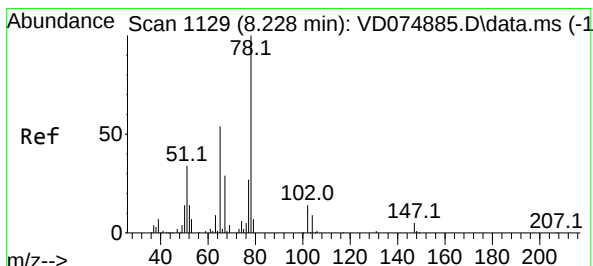
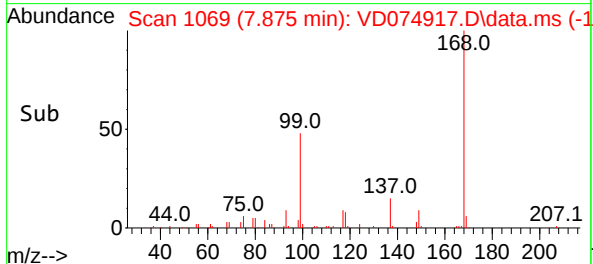
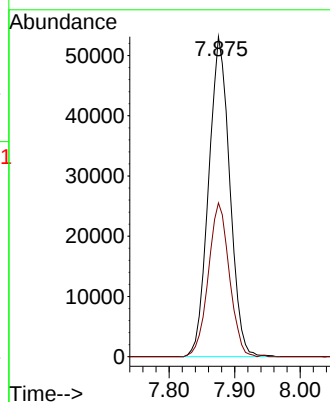
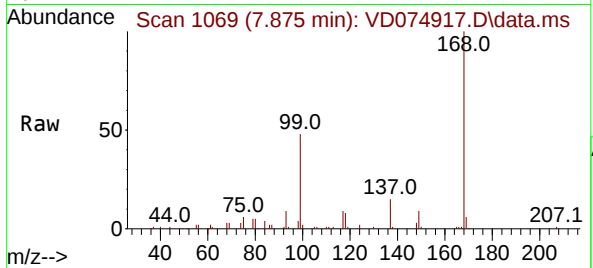




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

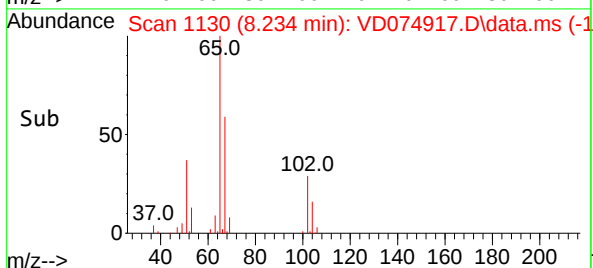
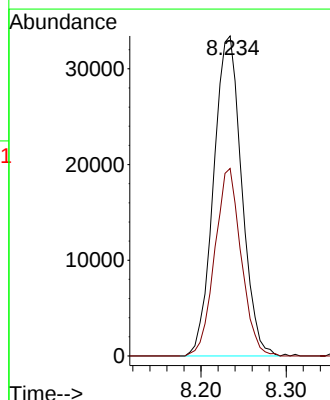
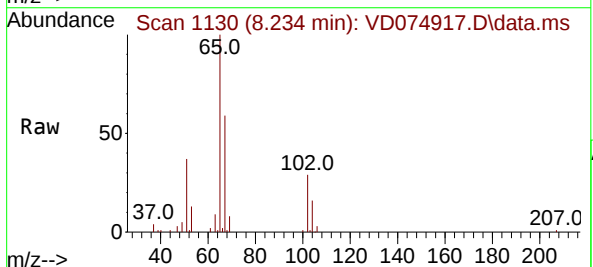
Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion:168 Resp: 118675
Ion Ratio Lower Upper
168 100
99 48.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 103.376 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion: 65 Resp: 76530
Ion Ratio Lower Upper
65 100
67 55.2 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: VD074917.D

Acq: 12 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

TP-5

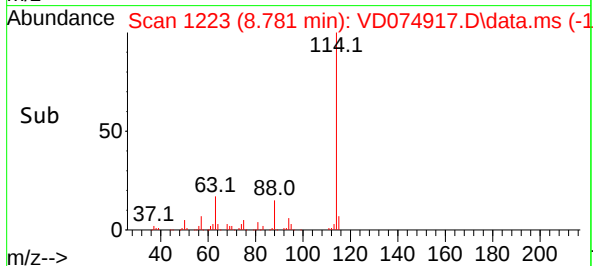
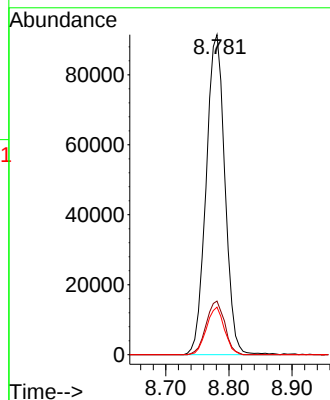
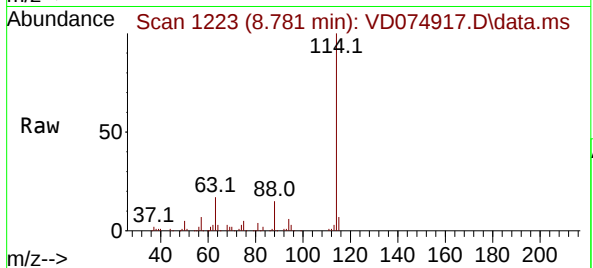
Tgt Ion:114 Resp: 188435

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 14.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 76.167 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

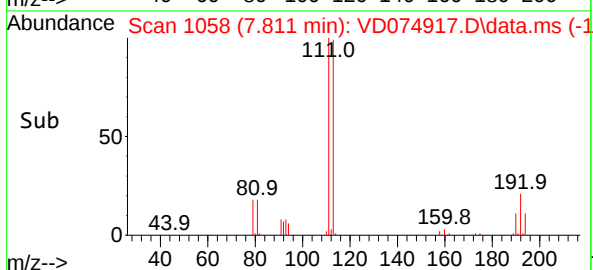
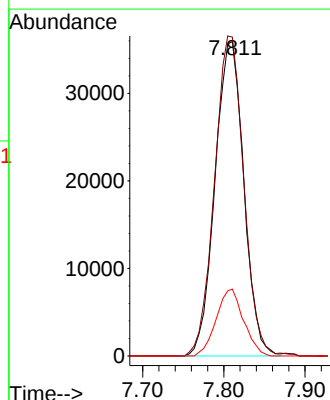
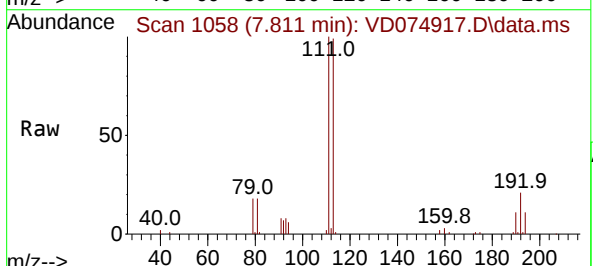
Tgt Ion:113 Resp: 88473

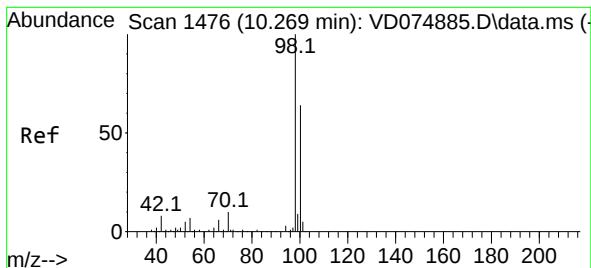
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

192 20.2 16.4 24.6





#50

Toluene-d8

Concen: 65.120 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

Instrument :

MSVOA_D

ClientSampleId :

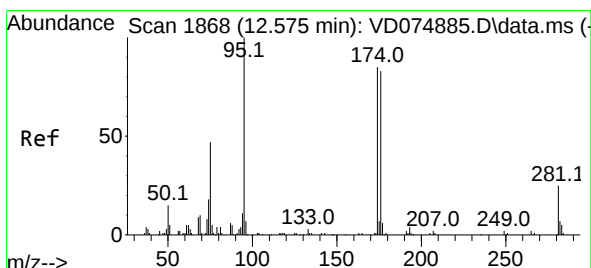
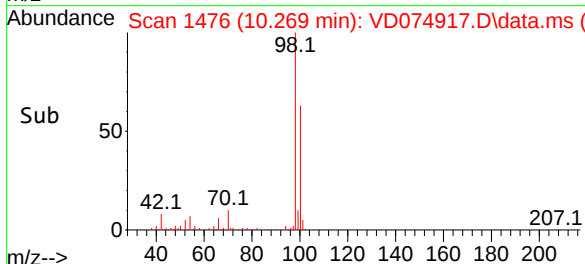
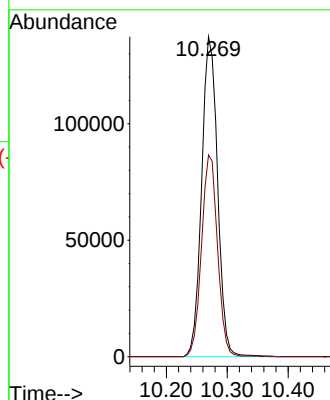
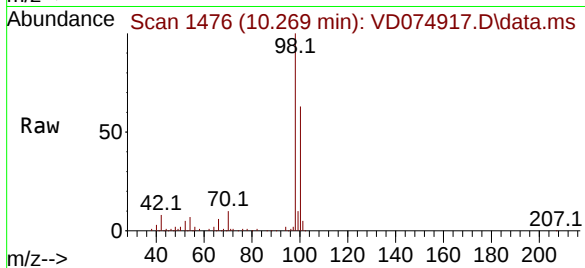
TP-5

Tgt Ion: 98 Resp: 249165

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 56.923 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD074917.D

Acq: 12 Nov 2022 05:33

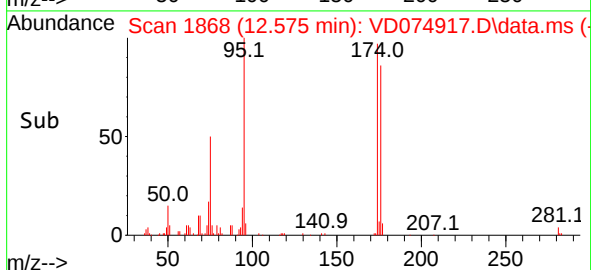
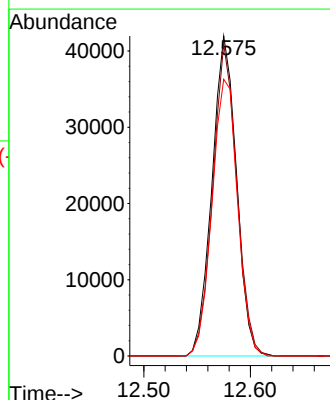
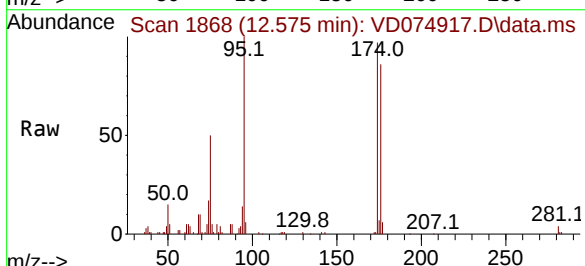
Tgt Ion: 95 Resp: 66880

Ion Ratio Lower Upper

95 100

174 96.1 0.0 197.0

176 90.4 0.0 182.6

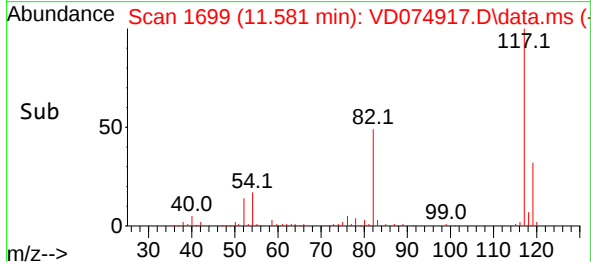
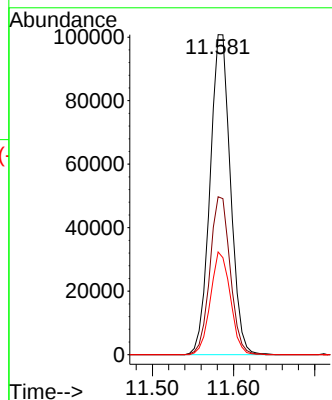
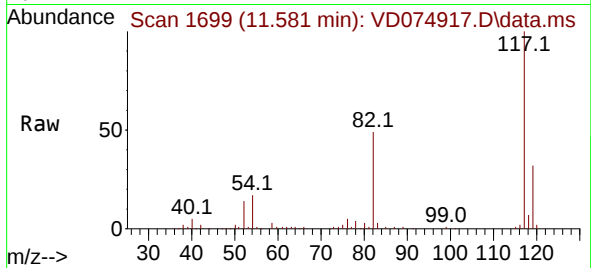




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074917.D
Acq: 12 Nov 2022 05:33

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tgt Ion:117 Resp: 176156
Ion Ratio Lower Upper
117 100
82 49.4 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: VD074917.D
Acq: 12 Nov 2022 05:33

Tgt Ion:152 Resp: 70141
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 156.1 0.0 348.2

