

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074903.D
 Acq On : 11 Nov 2022 23:03
 Operator : VA/SY
 Sample : VD1111SBL02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL02

Quant Time: Nov 14 00:57:54 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	141274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	217430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	198341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	87233	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	58494	63.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.940%
35) Dibromofluoromethane	7.804	113	71663	53.468	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.940%
50) Toluene-d8	10.269	98	205265	46.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.575	95	61222	45.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.320%

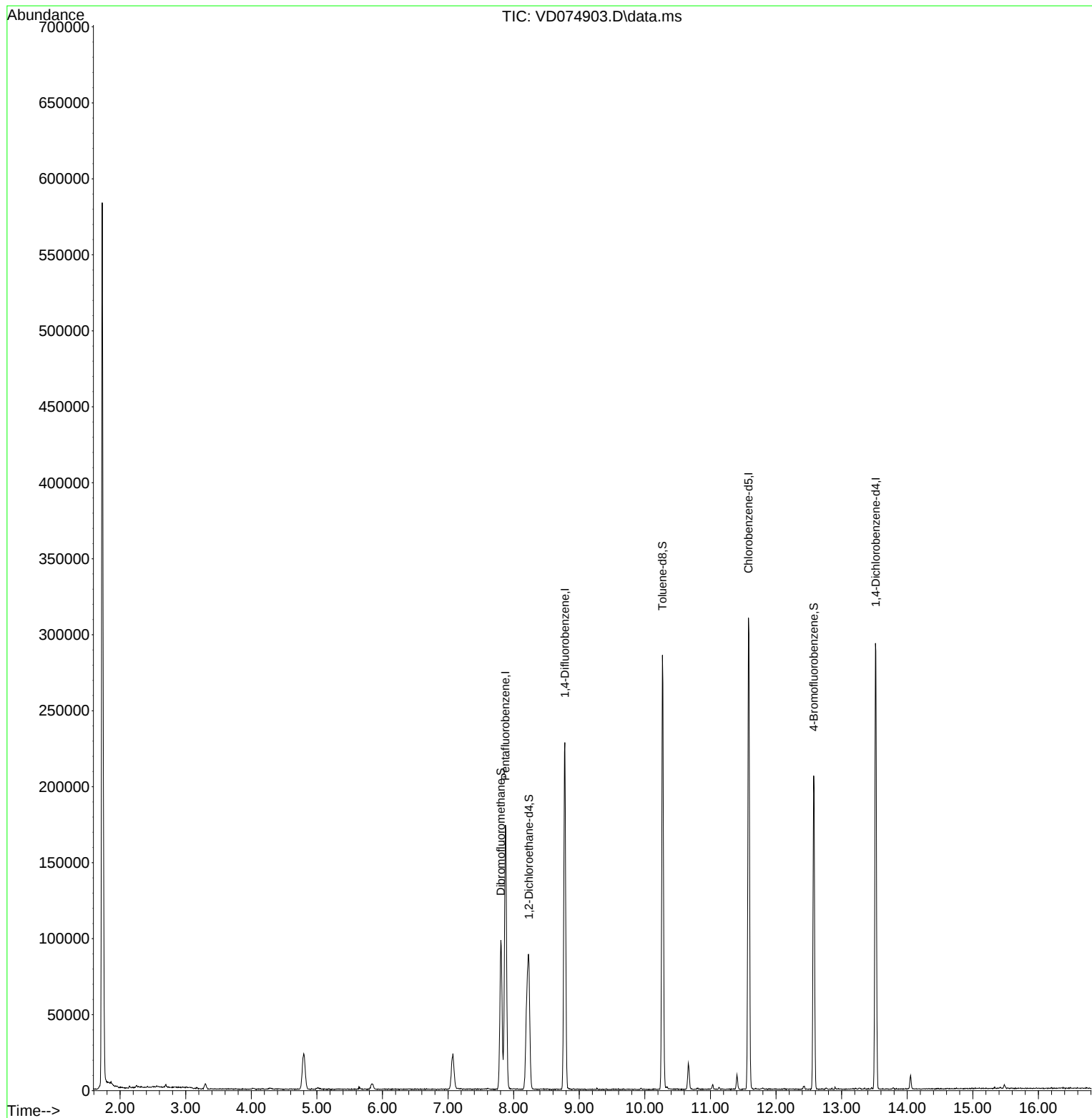
Target Compounds	Qvalue

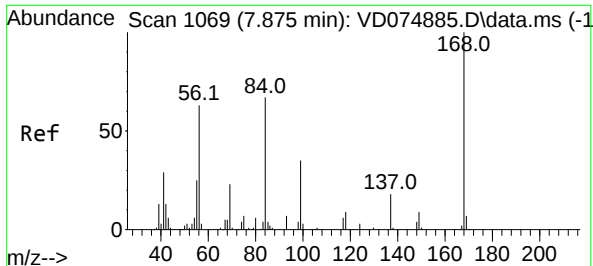
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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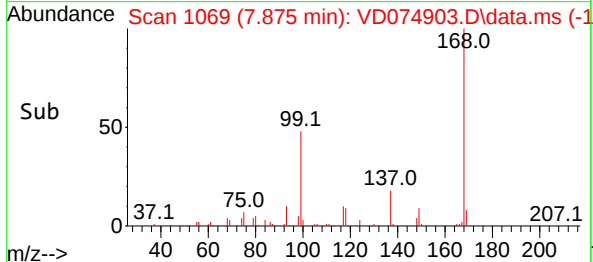
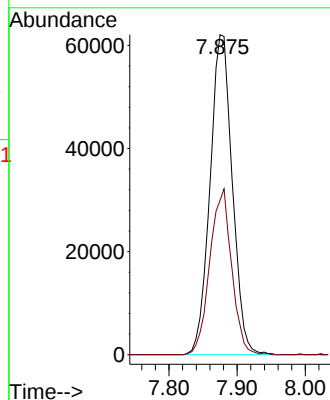
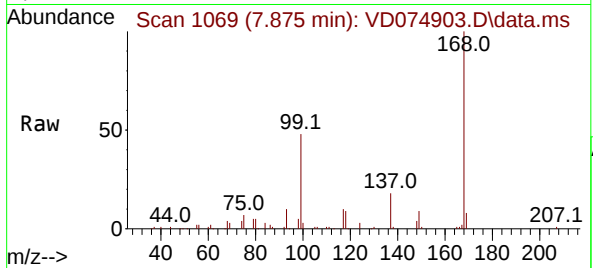




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

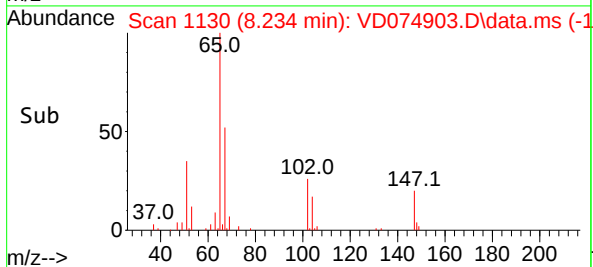
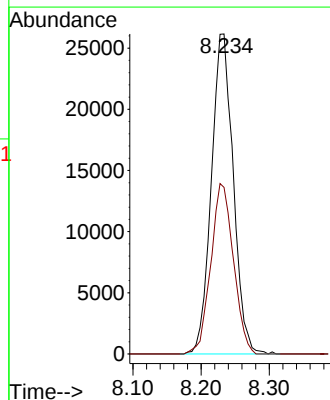
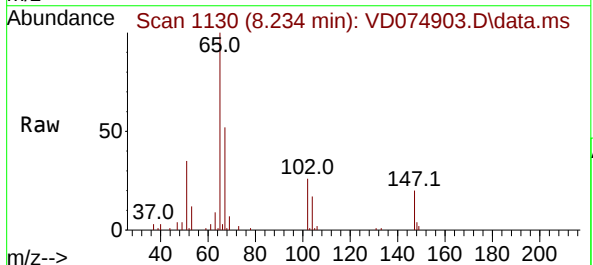
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

Tgt Ion:168 Resp: 141274
Ion Ratio Lower Upper
168 100
99 48.2 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 63.968 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 65 Resp: 58494
Ion Ratio Lower Upper
65 100
67 55.0 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: VD074903.D

Acq: 11 Nov 2022 23:03

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL02

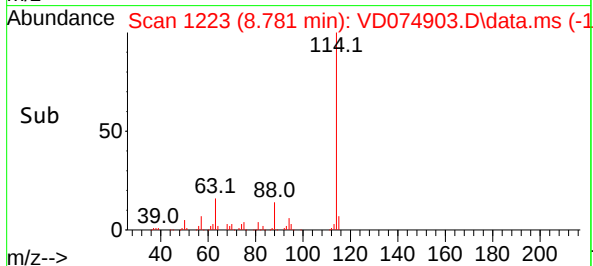
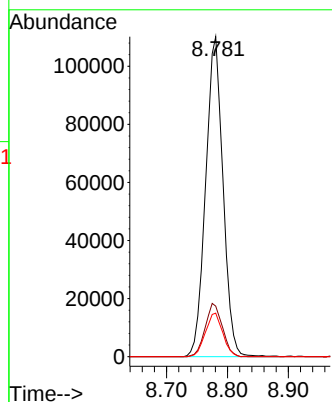
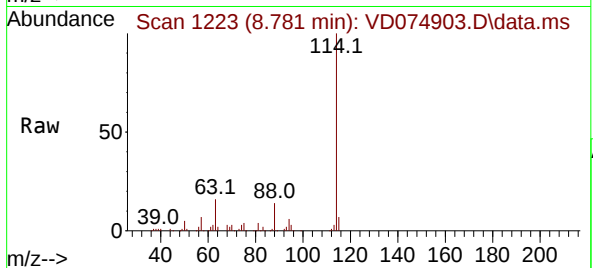
Tgt Ion:114 Resp: 217430

Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.468 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074903.D

Acq: 11 Nov 2022 23:03

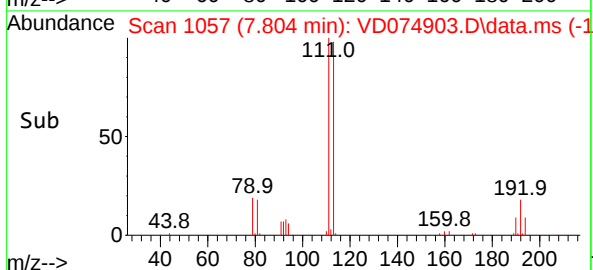
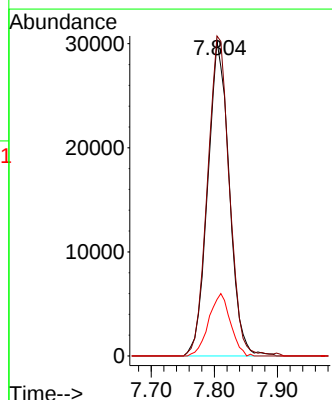
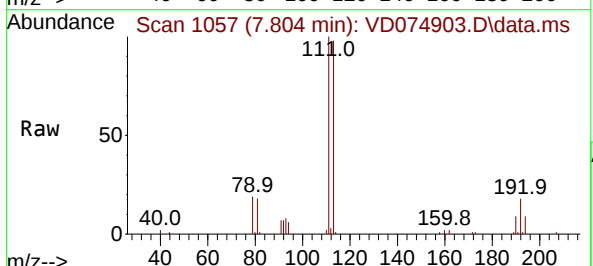
Tgt Ion:113 Resp: 71663

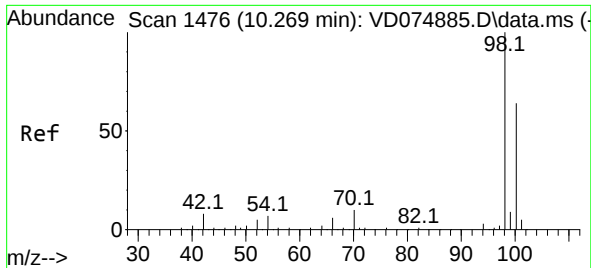
Ion Ratio Lower Upper

113 100

111 103.2 82.3 123.5

192 19.9 16.4 24.6

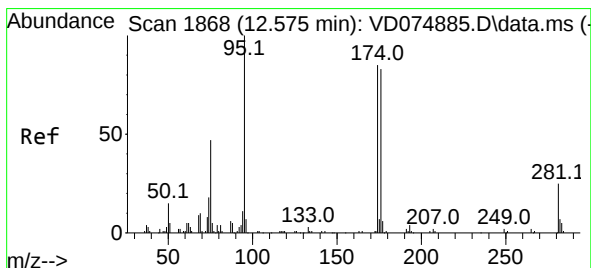
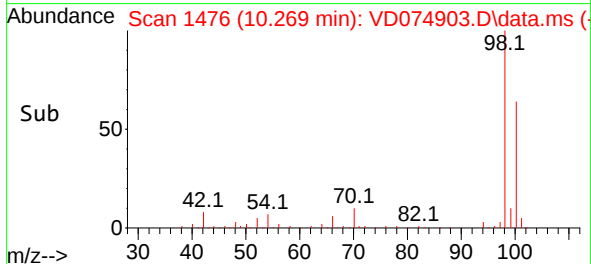
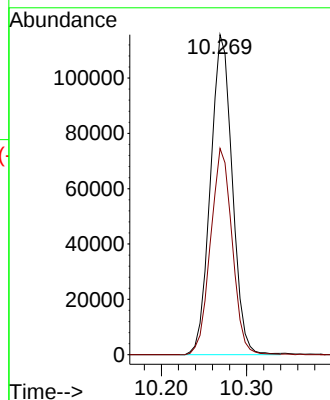
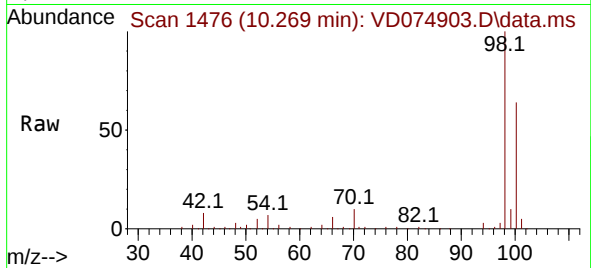




#50
Toluene-d8
Concen: 46.492 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

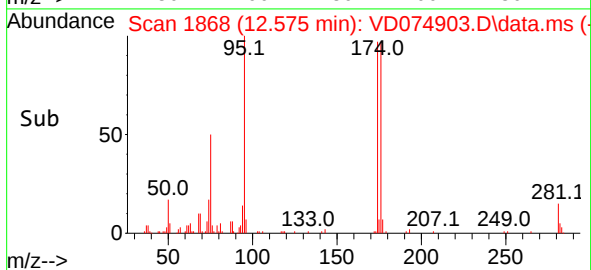
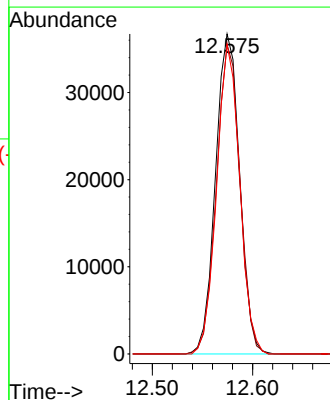
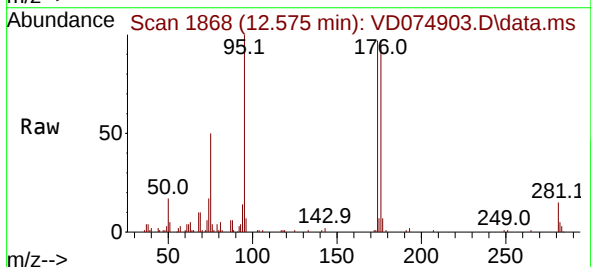
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

Tgt Ion: 98 Resp: 205265
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 45.159 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion: 95 Resp: 61222
Ion Ratio Lower Upper
95 100
174 94.1 0.0 197.0
176 92.7 0.0 182.6

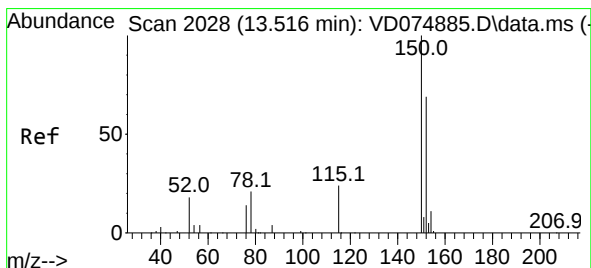
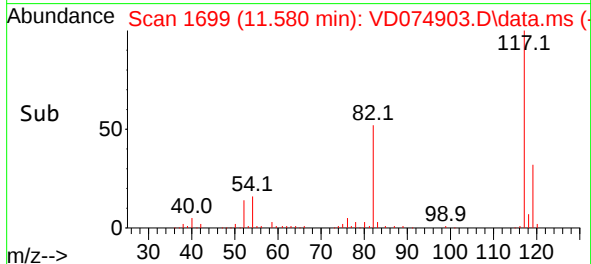
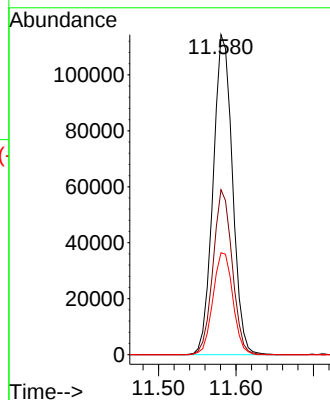
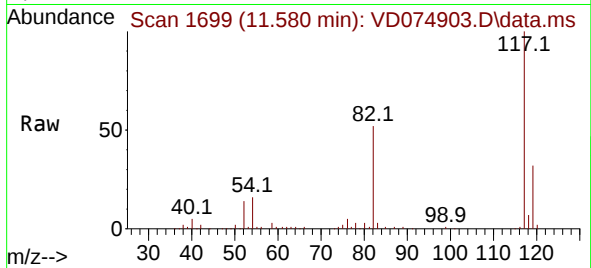




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074903.D
Acq: 11 Nov 2022 23:03

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL02

Tgt Ion:117 Resp: 198341
Ion Ratio Lower Upper
117 100
82 51.6 41.6 62.4
119 31.8 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: VD074903.D
Acq: 11 Nov 2022 23:03

Tgt Ion:152 Resp: 87233
Ion Ratio Lower Upper
152 100
115 53.5 26.8 80.4
150 155.2 0.0 348.2

