

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111022\
 Data File : VD074864.D
 Acq On : 10 Nov 2022 13:34
 Operator : VA/SY
 Sample : N5451-01RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LFR-SOIL-1103RE

Quant Time: Nov 10 16:40:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234368	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	176791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	59471	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57099	53.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.180%
35) Dibromofluoromethane	7.805	113	70005	50.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.269	98	176444	34.890	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.780%
62) 4-Bromofluorobenzene	12.575	95	49007	33.563	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	67.120%

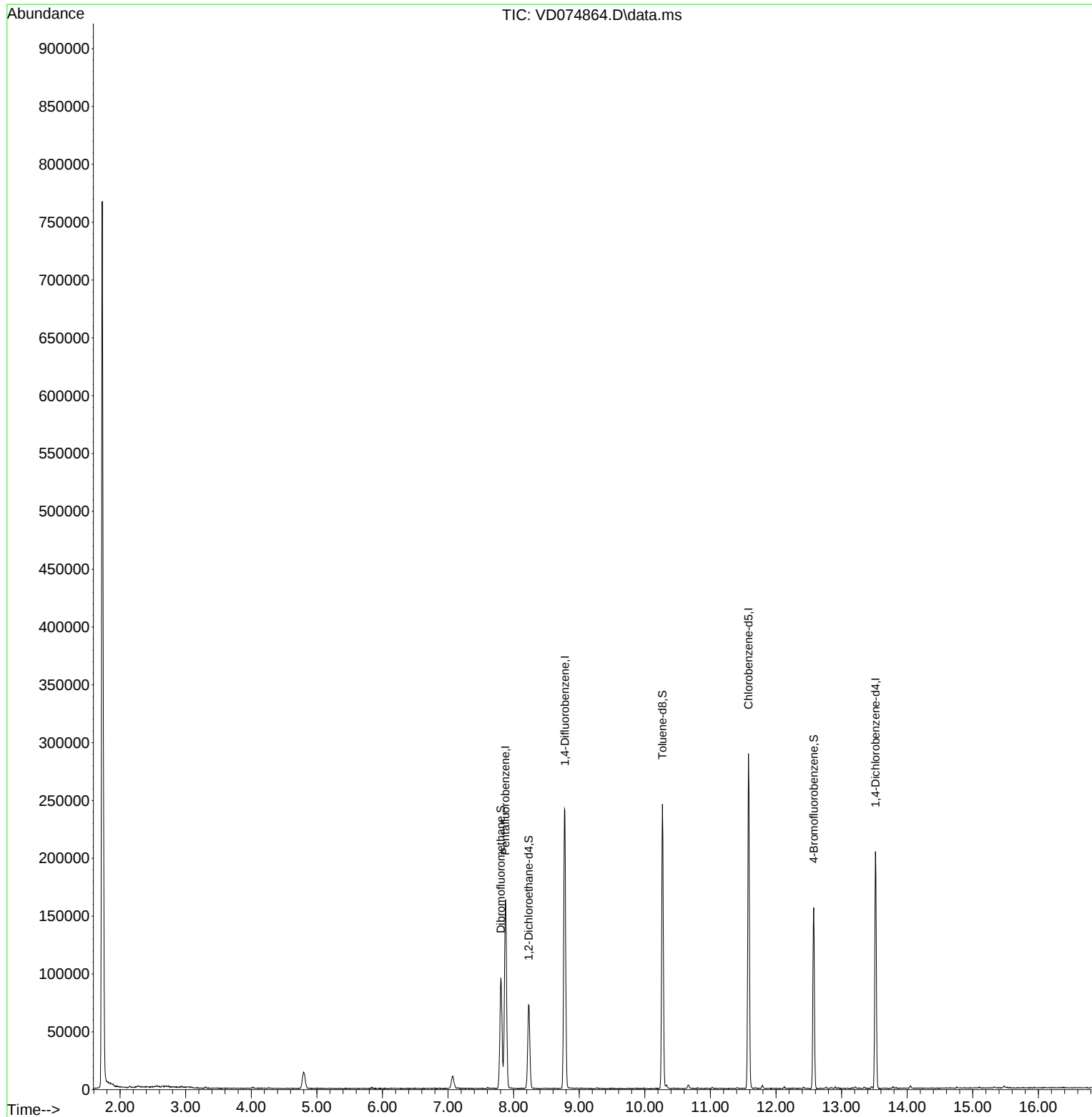
Target Compounds	Qvalue

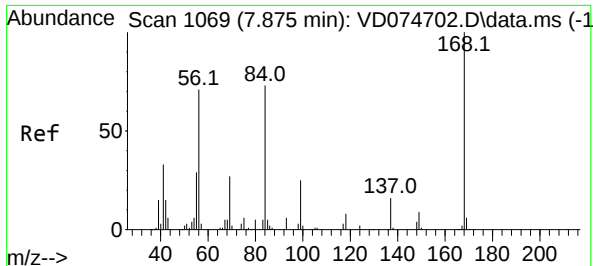
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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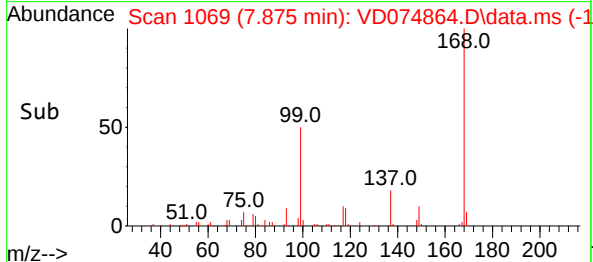
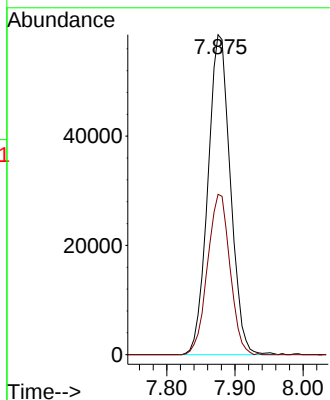
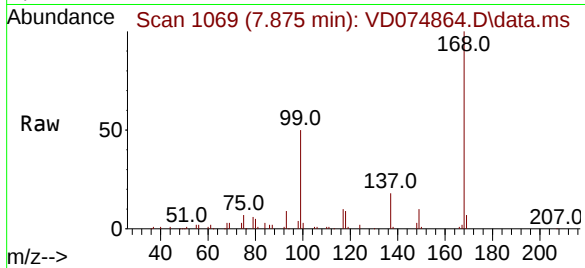




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074864.D
Acq: 10 Nov 2022 13:34

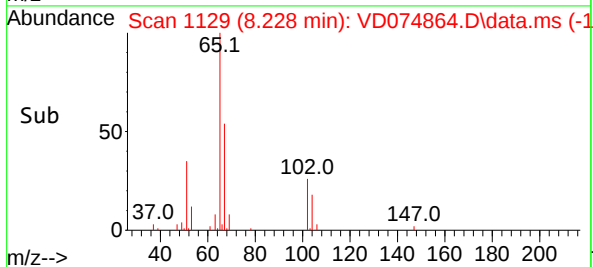
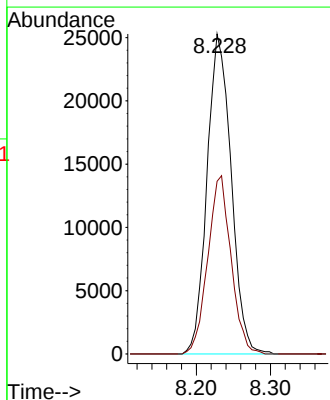
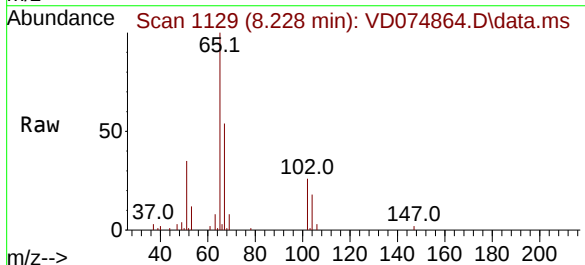
Instrument :
MSVOA_D
ClientSampleId :
LFR-SOIL-1103RE

Tgt Ion:168 Resp: 134519
Ion Ratio Lower Upper
168 100
99 50.1 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 53.593 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074864.D
Acq: 10 Nov 2022 13:34

Tgt Ion: 65 Resp: 57099
Ion Ratio Lower Upper
65 100
67 53.8 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: VD074864.D

Acq: 10 Nov 2022 13:34

Instrument :

MSVOA_D

ClientSampleId :

LFR-SOIL-1103RE

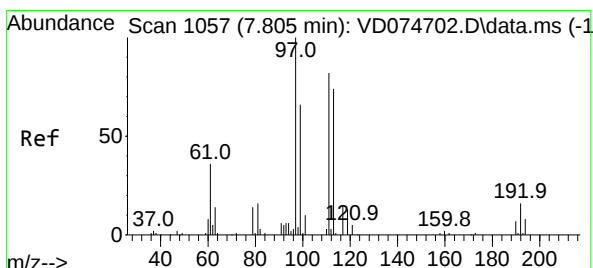
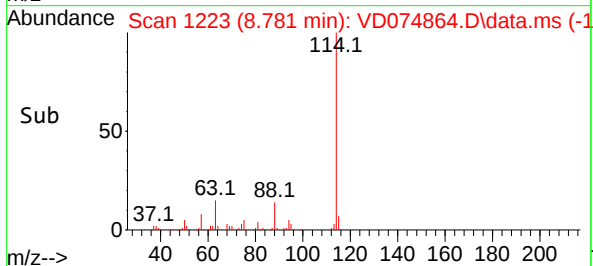
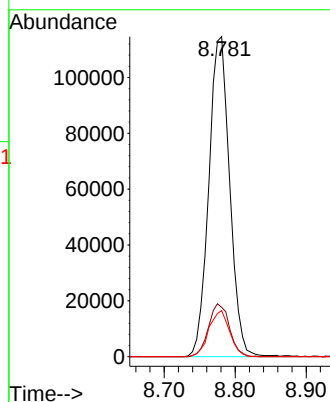
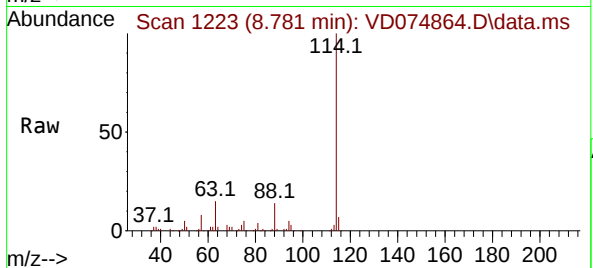
Tgt Ion:114 Resp: 234368

Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.2

88 14.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.495 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074864.D

Acq: 10 Nov 2022 13:34

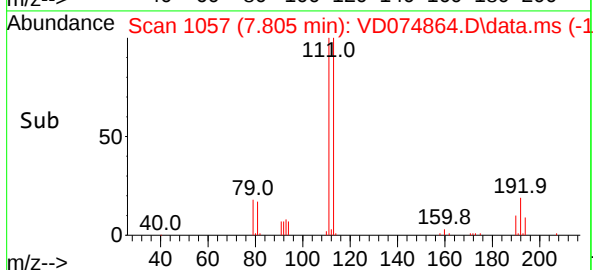
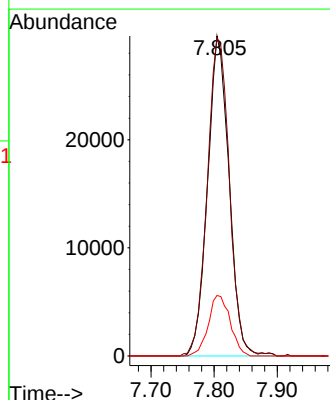
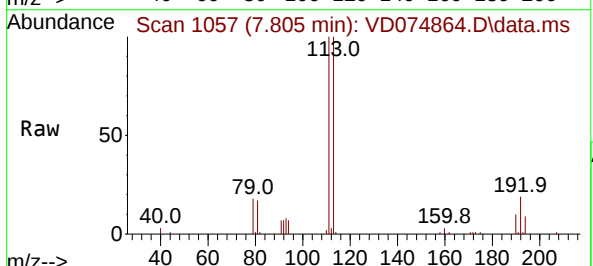
Tgt Ion:113 Resp: 70005

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

192 19.3 16.4 24.6

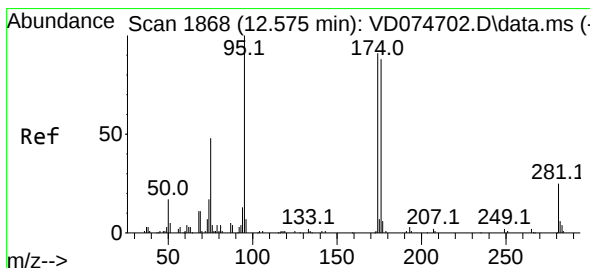
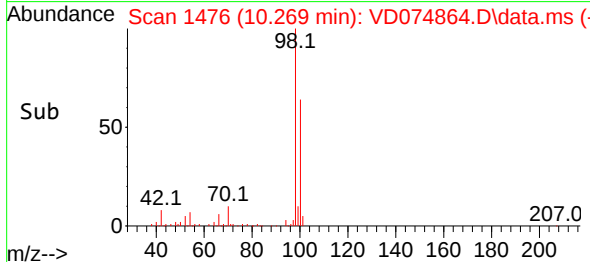
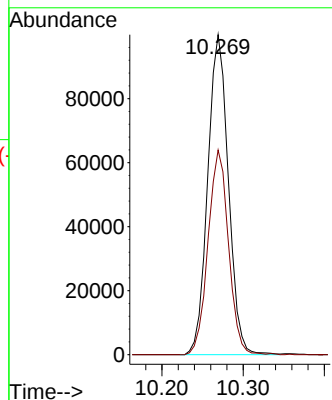
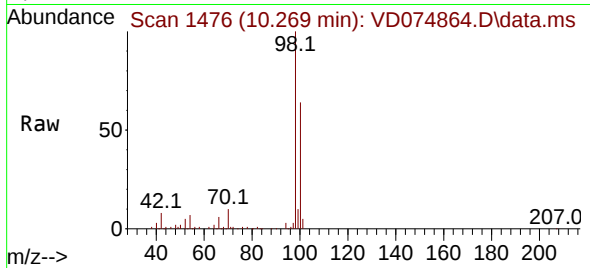




#50
Toluene-d8
Concen: 34.890 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074864.D
Acq: 10 Nov 2022 13:34

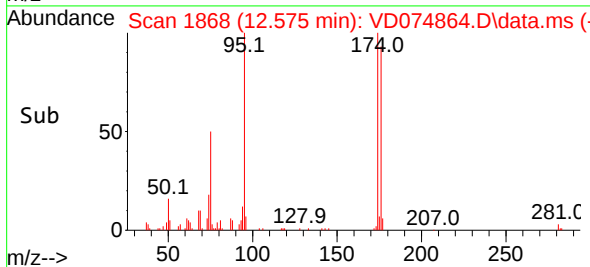
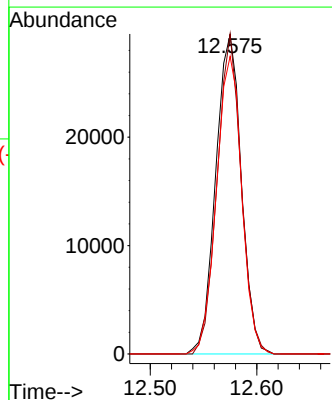
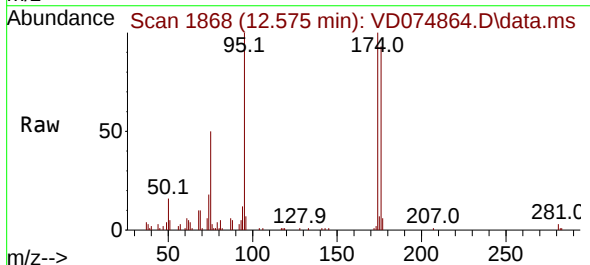
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Tgt Ion: 98 Resp: 176444
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 33.563 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074864.D
Acq: 10 Nov 2022 13:34

Tgt Ion: 95 Resp: 49007
Ion Ratio Lower Upper
95 100
174 93.9 0.0 197.0
176 92.3 0.0 182.6

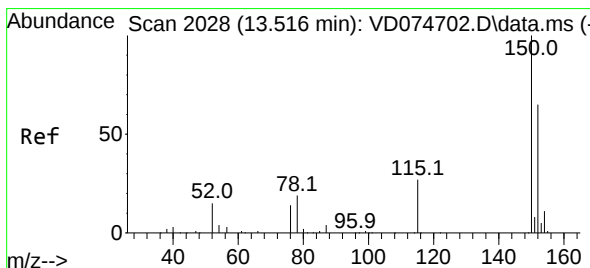
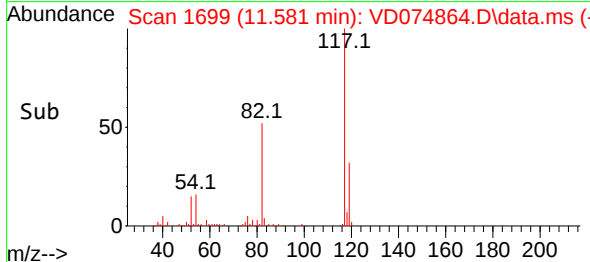
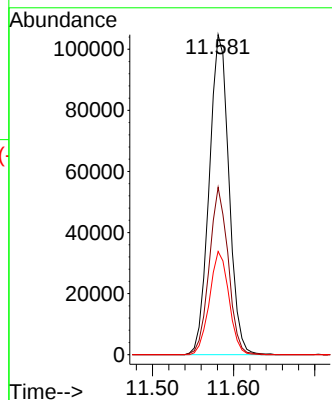
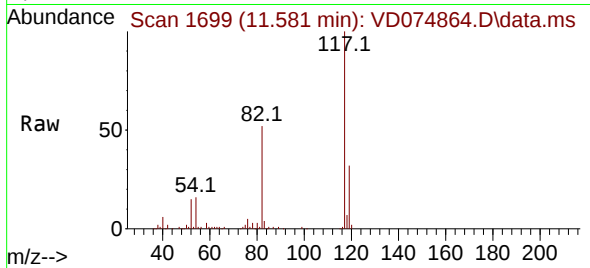




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074864.D
Acq: 10 Nov 2022 13:34

Instrument :
MSVOA_D
ClientSampleId :
LFR-SOIL-1103RE

Tgt Ion:117 Resp: 176791
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 32.3 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: VD074864.D
Acq: 10 Nov 2022 13:34

Tgt Ion:152 Resp: 59471
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 154.5 0.0 348.2

