

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110922\
 Data File : VD074836.D
 Acq On : 09 Nov 2022 18:55
 Operator : VA/SY
 Sample : N5528-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-3

Quant Time: Nov 10 00:37:32 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	7.881	168	19335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	31295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	9312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15904	103.855	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	207.700%#
35) Dibromofluoromethane	7.810	113	14838	68.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.420%
50) Toluene-d8	10.269	98	26313	33.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	66.800%
62) 4-Bromofluorobenzene	12.575	95	6745	29.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.300%

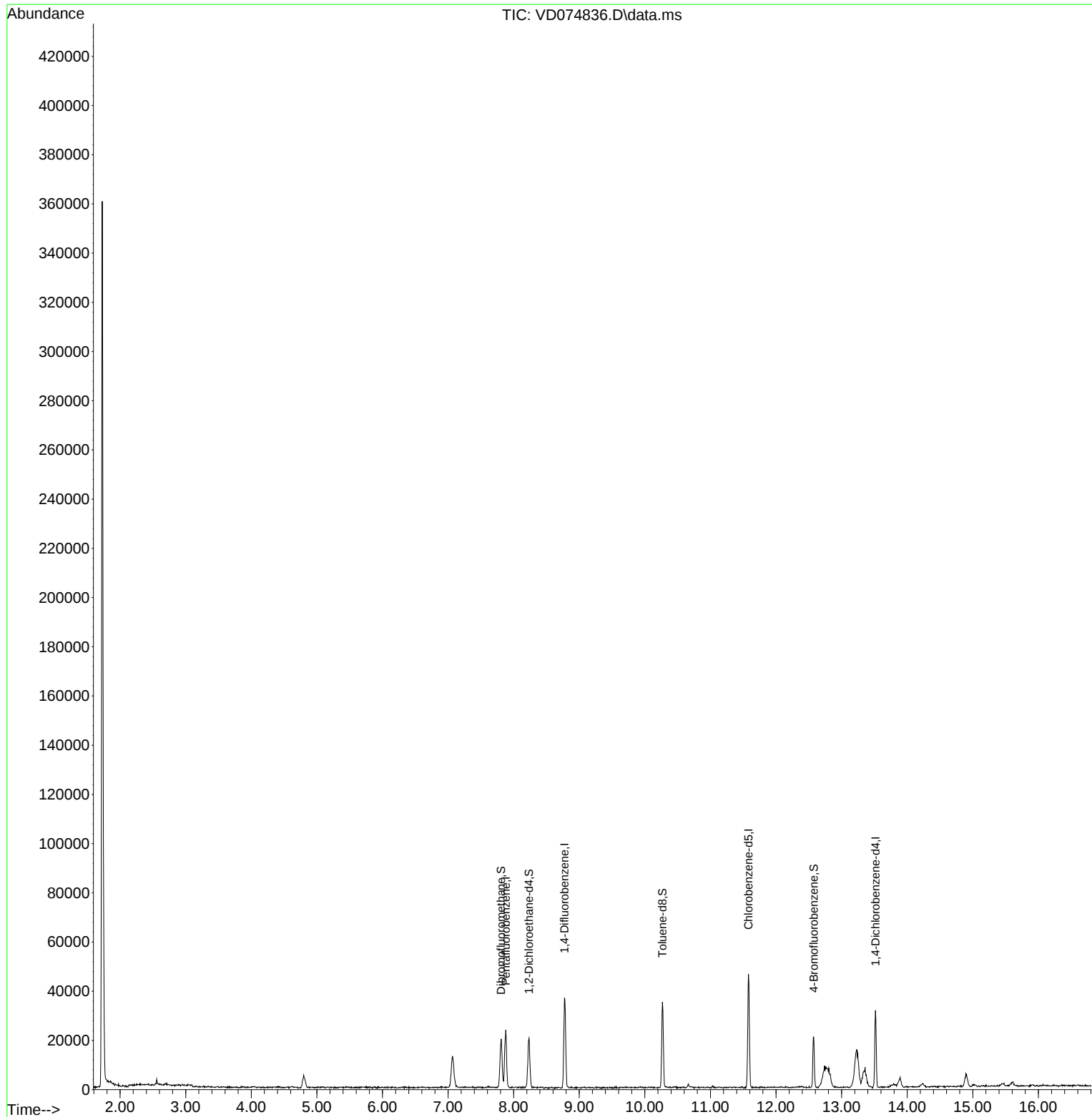
Target Compounds	Qvalue

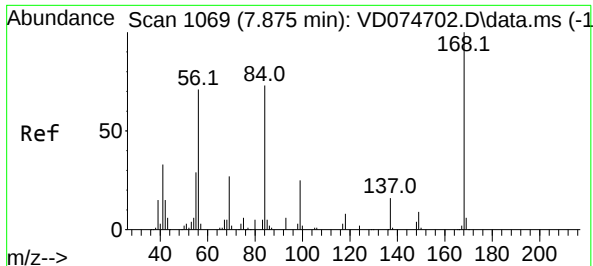
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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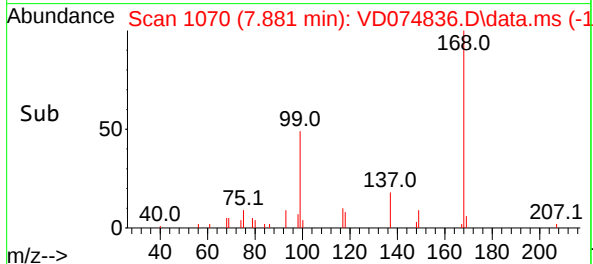
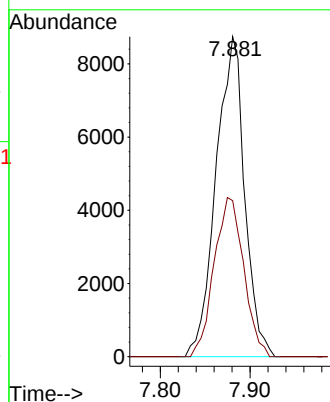
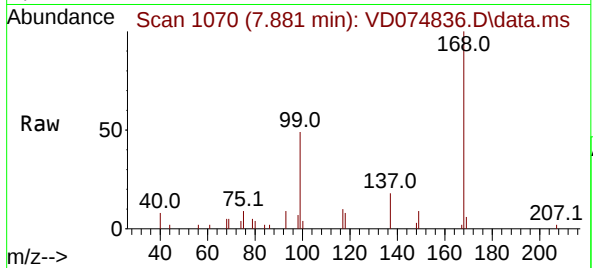




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD074836.D
Acq: 09 Nov 2022 18:55

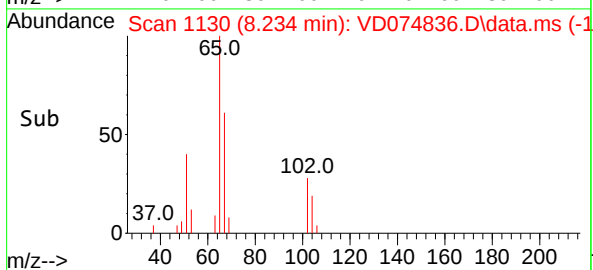
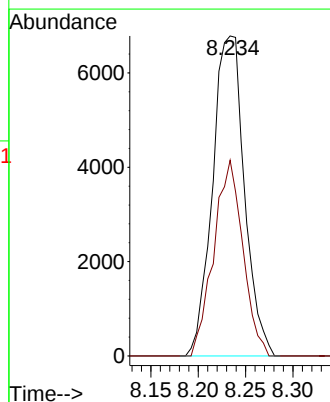
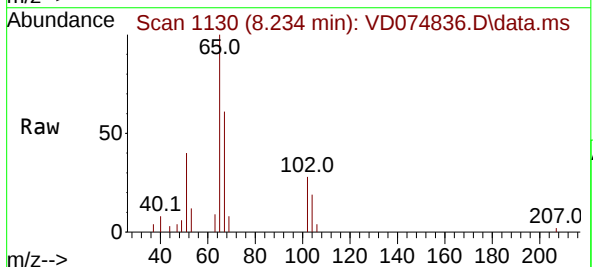
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

Tgt Ion:168 Resp: 19335
Ion Ratio Lower Upper
168 100
99 48.7 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 103.855 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074836.D
Acq: 09 Nov 2022 18:55

Tgt Ion: 65 Resp: 15904
Ion Ratio Lower Upper
65 100
67 55.9 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: VD074836.D

Acq: 09 Nov 2022 18:55

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-3

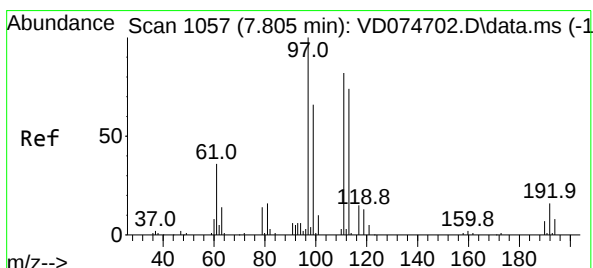
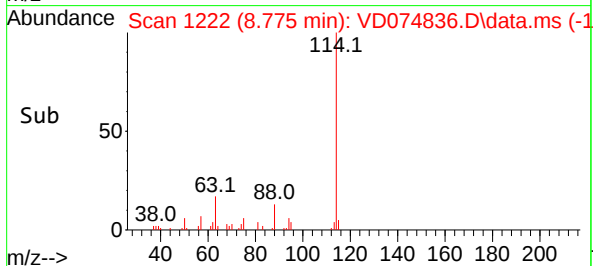
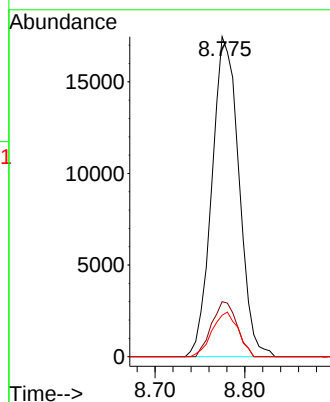
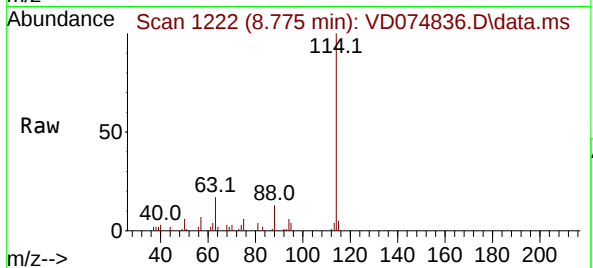
Tgt Ion:114 Resp: 36509

Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.2

88 12.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 68.705 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074836.D

Acq: 09 Nov 2022 18:55

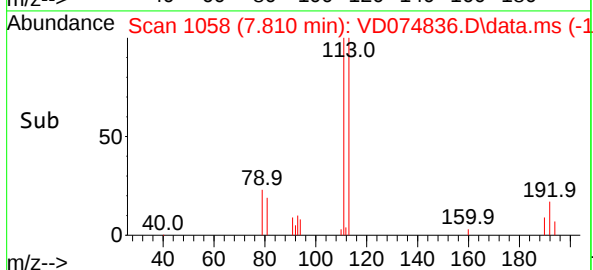
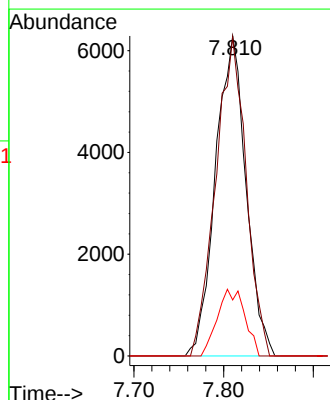
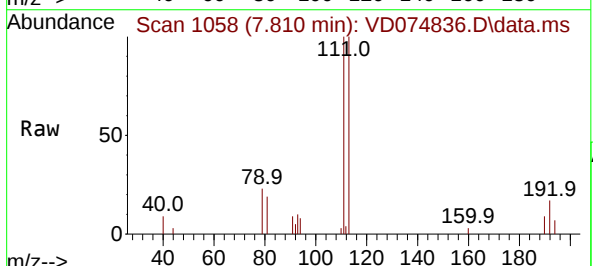
Tgt Ion:113 Resp: 14838

Ion Ratio Lower Upper

113 100

111 99.4 82.3 123.5

192 18.8 16.4 24.6

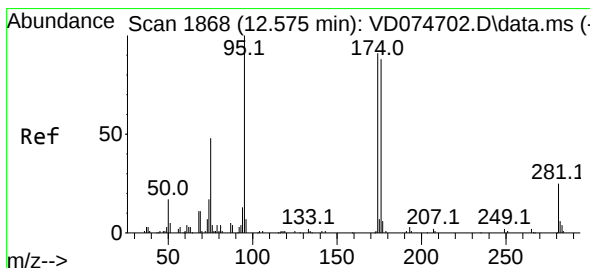
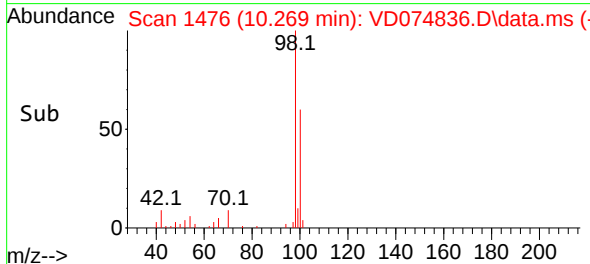
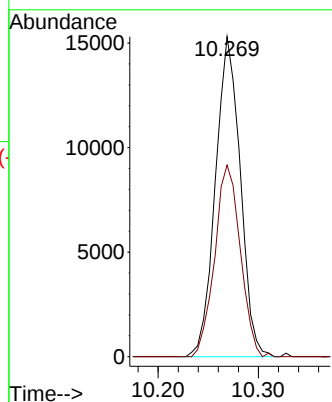
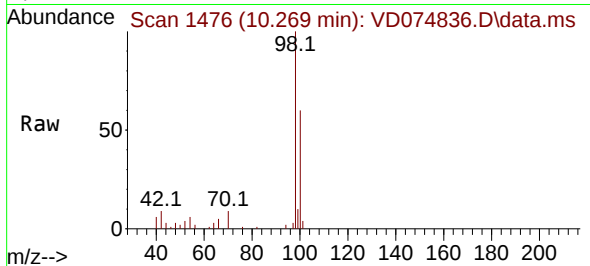




#50
Toluene-d8
Concen: 33.402 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074836.D
Acq: 09 Nov 2022 18:55

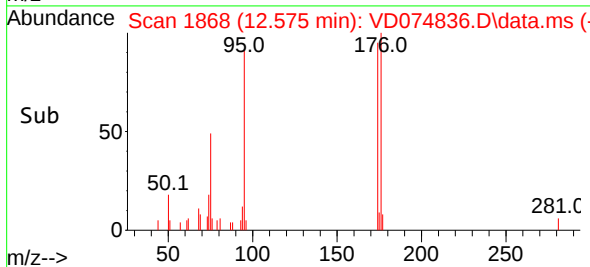
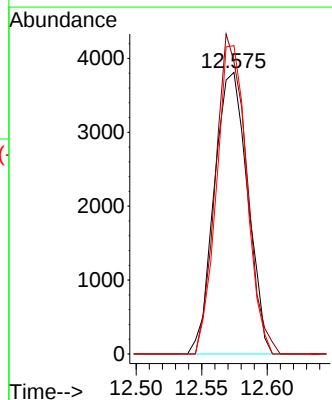
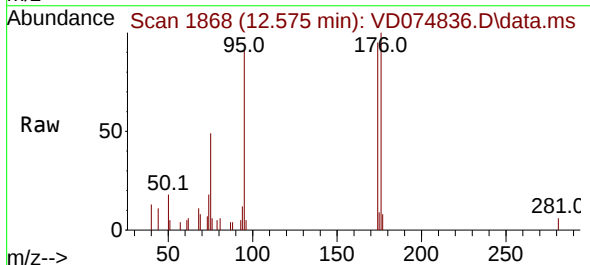
Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

Tgt Ion: 98 Resp: 26313
Ion Ratio Lower Upper
98 100
100 61.7 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 29.654 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074836.D
Acq: 09 Nov 2022 18:55

Tgt Ion: 95 Resp: 6745
Ion Ratio Lower Upper
95 100
174 104.8 0.0 197.0
176 99.0 0.0 182.6

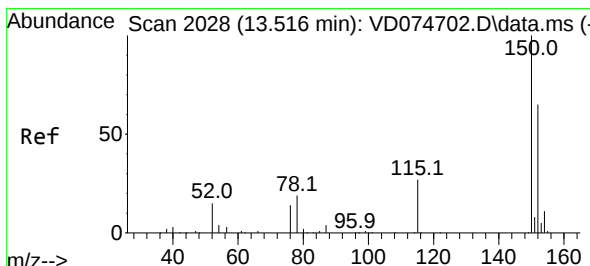
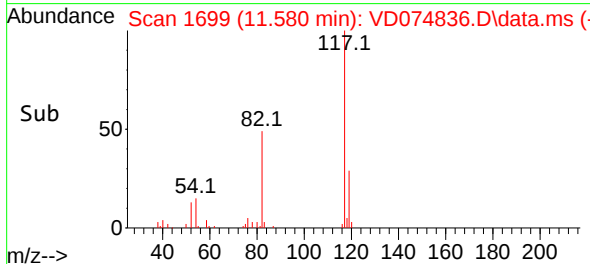
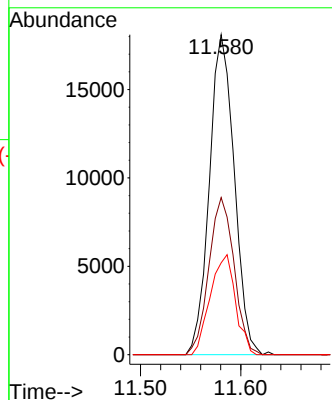
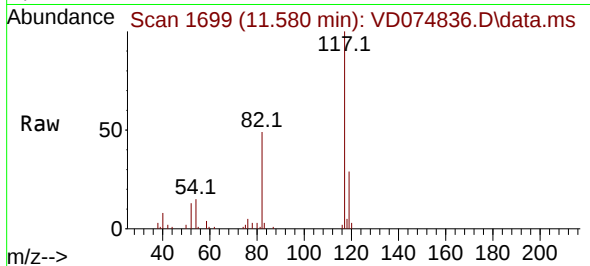




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074836.D
Acq: 09 Nov 2022 18:55

Instrument :
MSVOA_D
ClientSampleId :
SAMPLE-3

Tgt Ion:117 Resp: 31295
Ion Ratio Lower Upper
117 100
82 49.1 41.6 62.4
119 28.7 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: VD074836.D
Acq: 09 Nov 2022 18:55

Tgt Ion:152 Resp: 9312
Ion Ratio Lower Upper
152 100
115 51.3 26.8 80.4
150 159.3 0.0 348.2

