

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078007.D
 Acq On : 20 Dec 2023 21:44
 Operator : RP/MD
 Sample : VD1220SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1220SBL02

Quant Time: Dec 21 05:30:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	178259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	324094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	306557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86039	40.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.920%
35) Dibromofluoromethane	7.810	113	96655	42.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.160%
50) Toluene-d8	10.269	98	410831	45.184	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.575	95	118816	43.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.420%

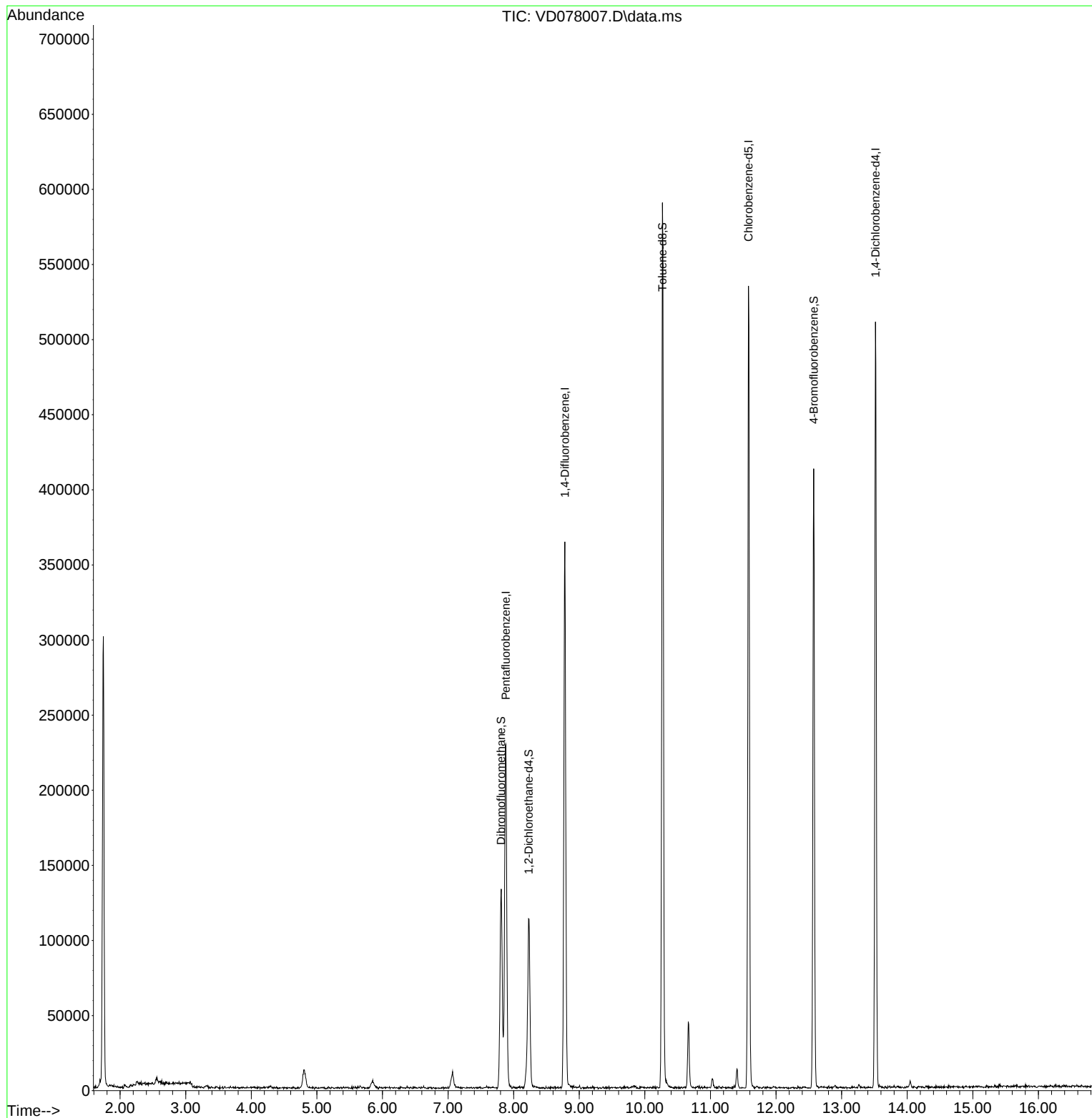
Target Compounds	Qvalue

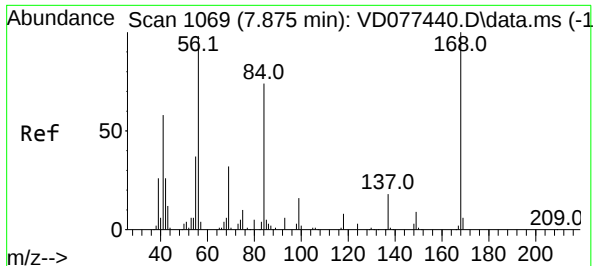
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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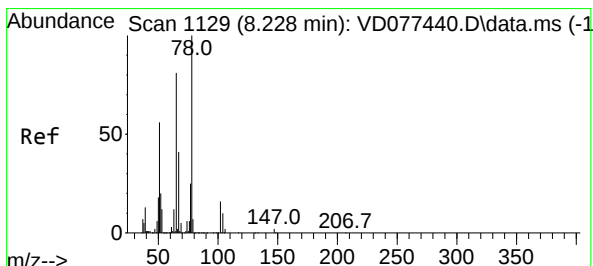
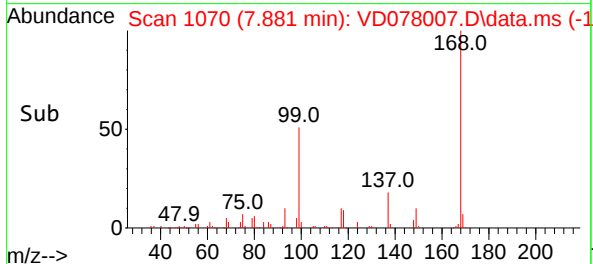
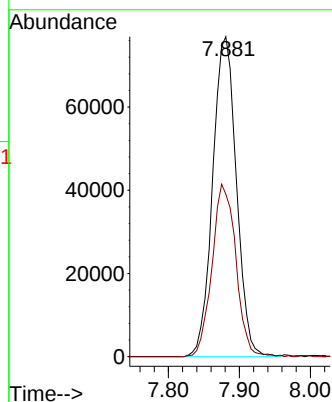
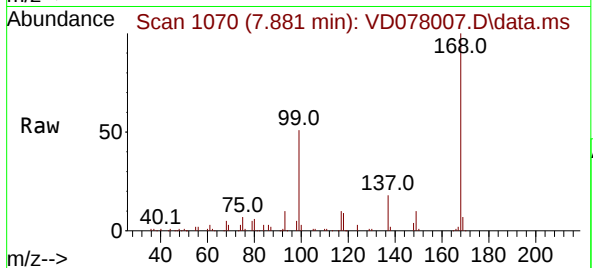




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

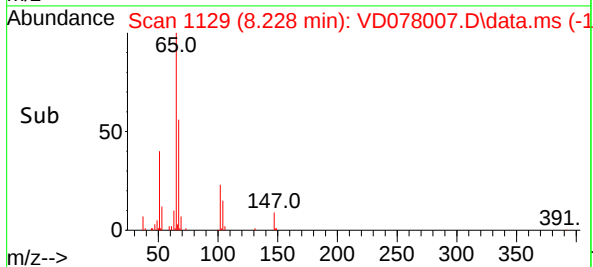
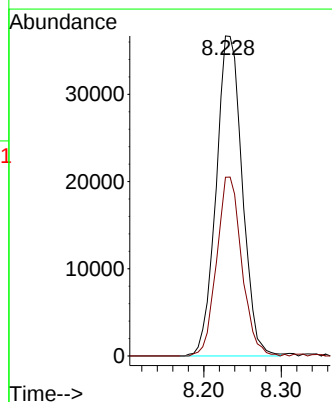
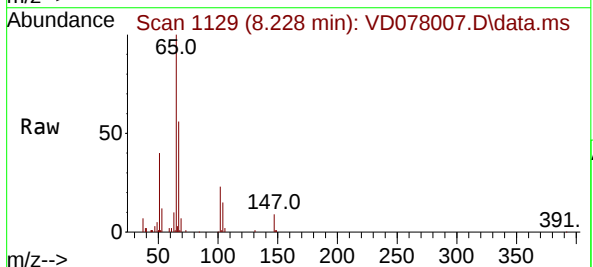
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL02

Tgt Ion:168 Resp: 178259
Ion Ratio Lower Upper
168 100
99 50.8 36.7 55.1



#33
1,2-Dichloroethane-d4
Concen: 40.961 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

Tgt Ion: 65 Resp: 86039
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078007.D

Acq: 20 Dec 2023 21:44

Instrument :

MSVOA_D

ClientSampleId :

VD1220SBL02

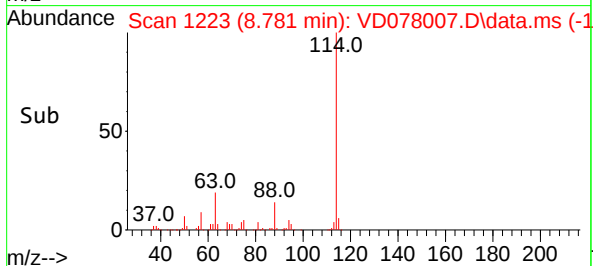
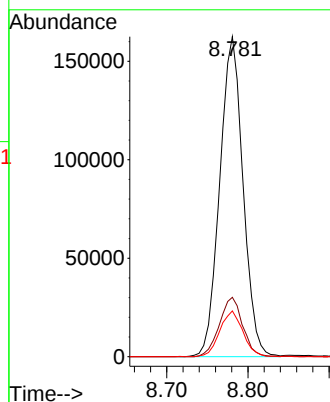
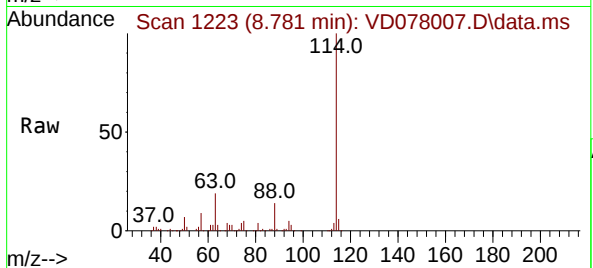
Tgt Ion:114 Resp: 324094

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.576 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078007.D

Acq: 20 Dec 2023 21:44

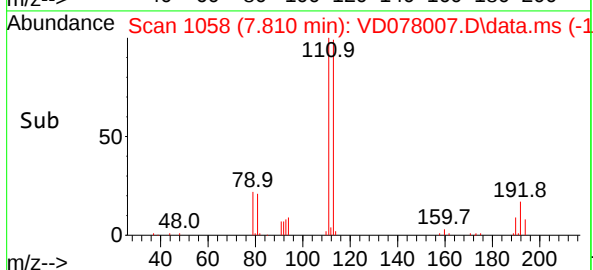
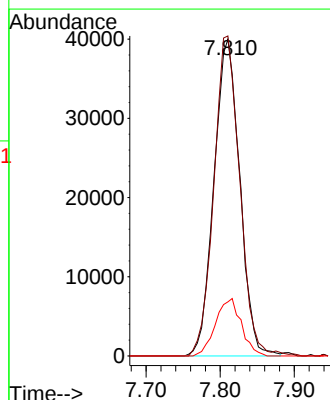
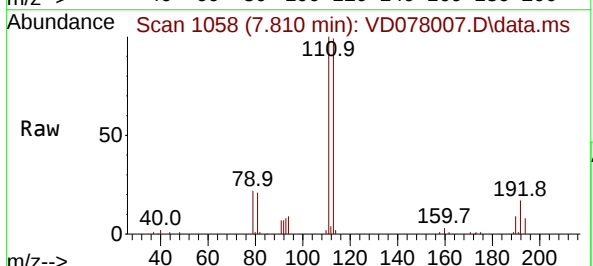
Tgt Ion:113 Resp: 96655

Ion Ratio Lower Upper

113 100

111 101.1 84.7 127.1

192 18.1 16.8 25.2

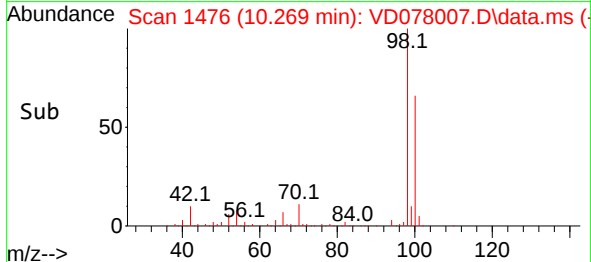
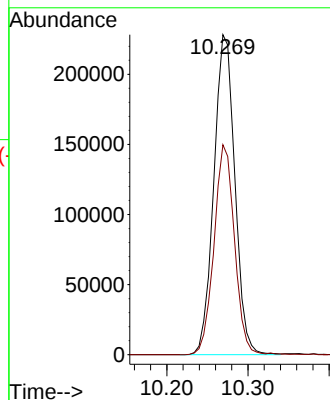
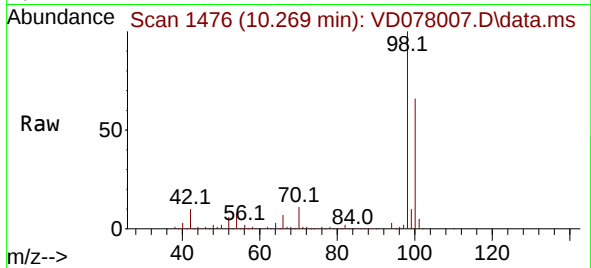




#50
Toluene-d8
Concen: 45.184 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

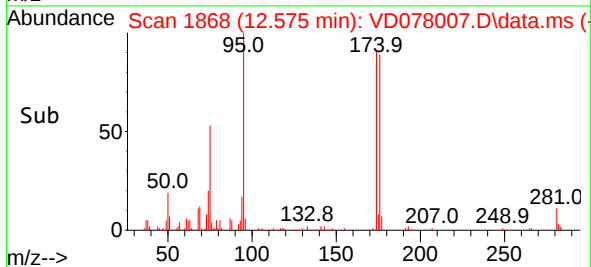
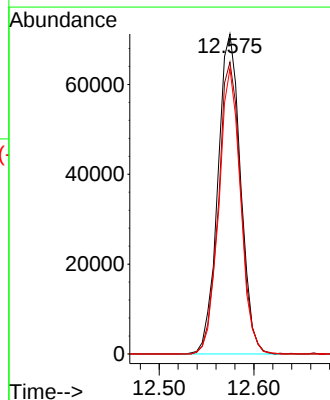
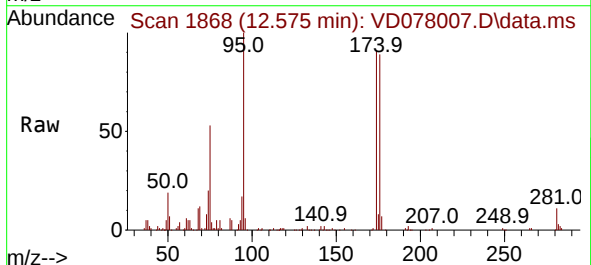
Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL02

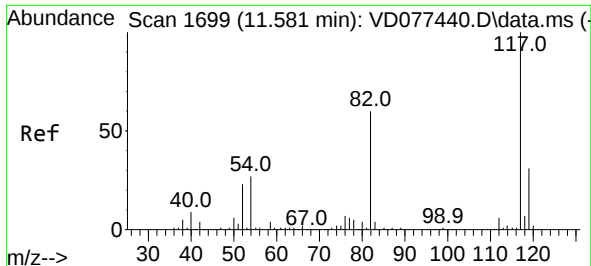
Tgt Ion: 98 Resp: 410831
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 43.709 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

Tgt Ion: 95 Resp: 118816
Ion Ratio Lower Upper
95 100
174 89.7 0.0 201.8
176 84.9 0.0 191.8

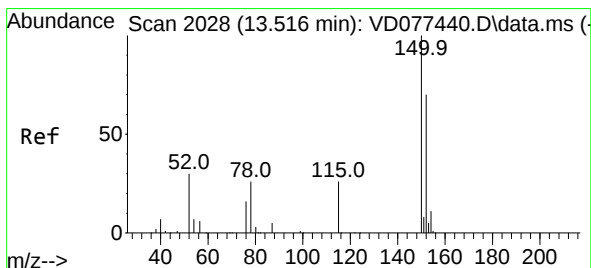
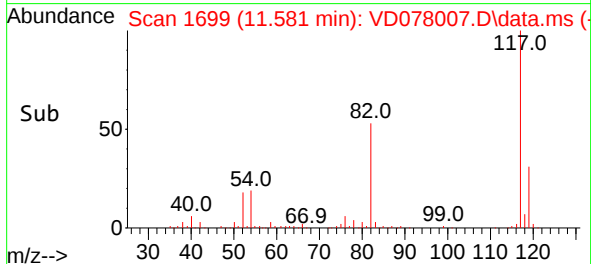
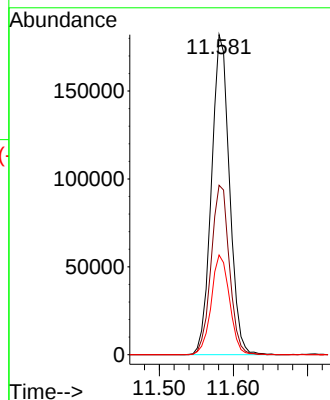
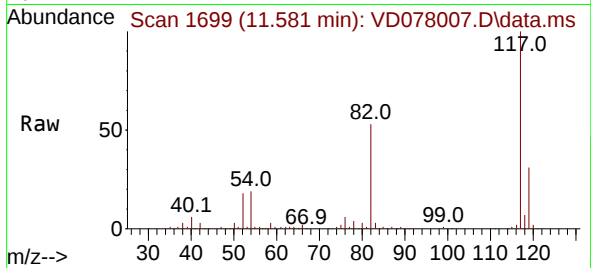




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

Instrument :
MSVOA_D
ClientSampleId :
VD1220SBL02

Tgt Ion:117 Resp: 306557
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078007.D
Acq: 20 Dec 2023 21:44

Tgt Ion:152 Resp: 137733
Ion Ratio Lower Upper
152 100
115 55.1 27.1 81.3
150 155.8 0.0 353.6

