

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072292.D
 Acq On : 18 Mar 2022 16:16
 Operator : VA/SY
 Sample : N1995-07
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-4.5-5.0

Quant Time: Mar 19 05:25:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	189099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	316322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	383383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192213	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	126993	60.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.520%
35) Dibromofluoromethane	7.914	113	115616	51.939	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.880%
50) Toluene-d8	10.332	98	411873	50.603	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.626	95	179114	56.636	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.280%

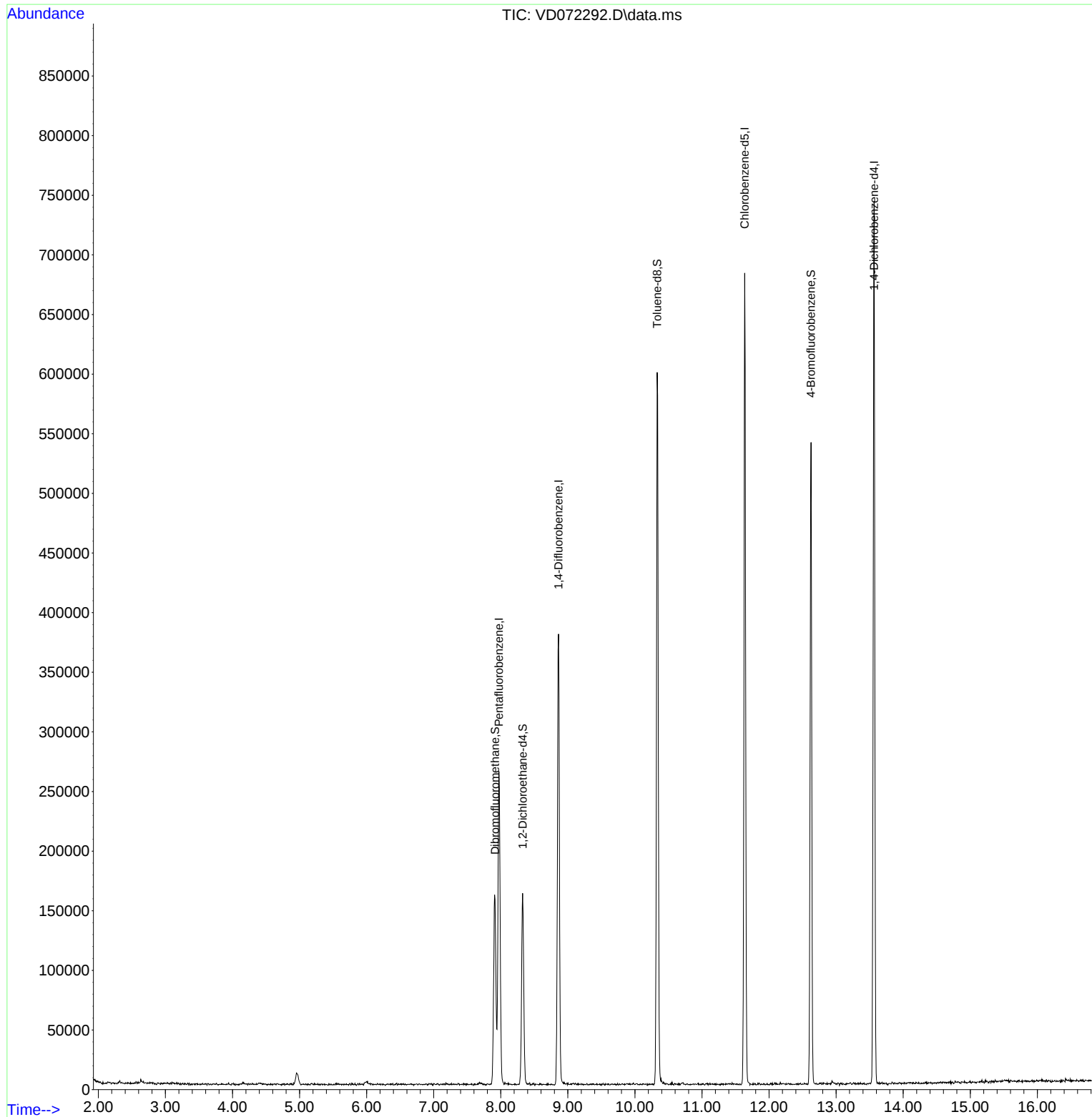
Target Compounds	Qvalue

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

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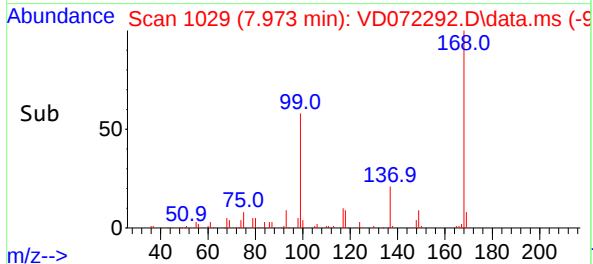
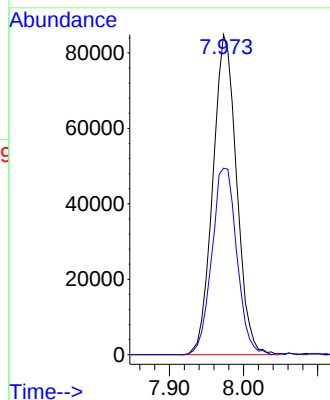
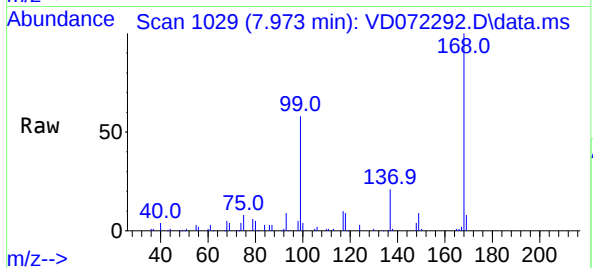




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

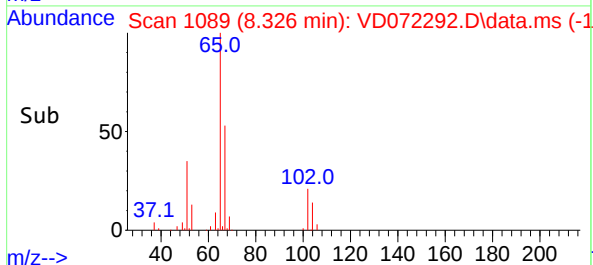
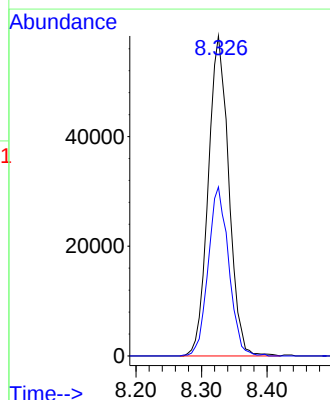
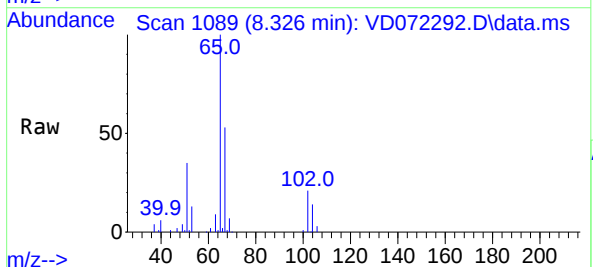
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

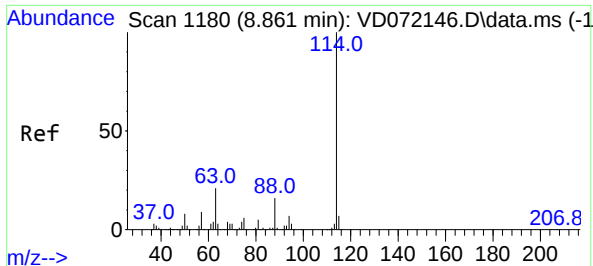
Tgt Ion:168 Resp: 189099
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 60.260 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion: 65 Resp: 126993
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

Instrument :

MSVOA_D

ClientSampleId :

SB-08-4.5-5.0

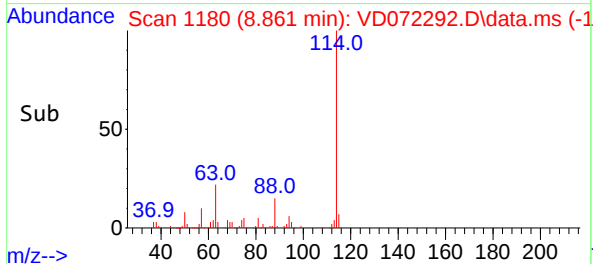
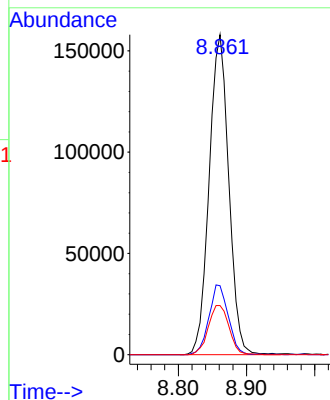
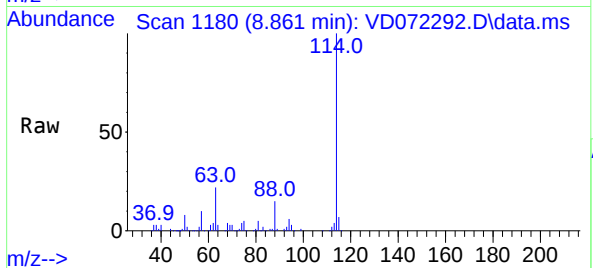
Tgt Ion:114 Resp: 316322

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.939 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072292.D

Acq: 18 Mar 2022 16:16

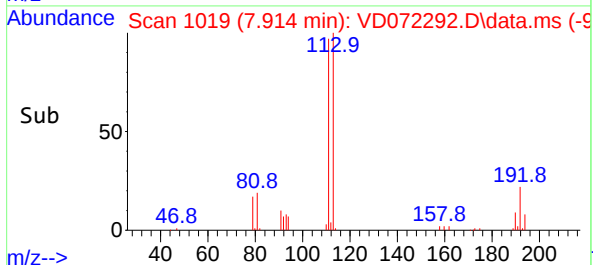
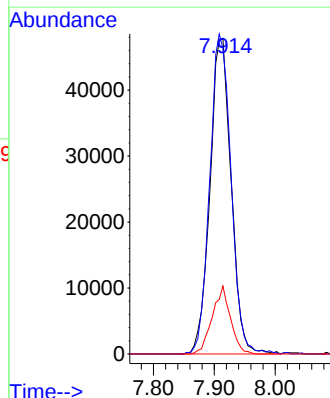
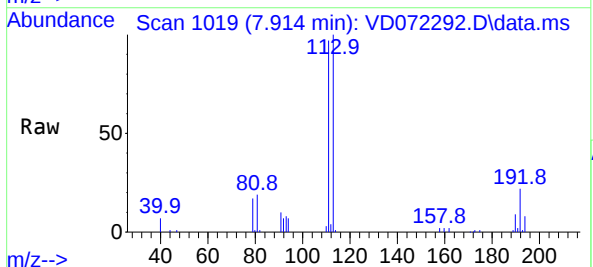
Tgt Ion:113 Resp: 115616

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.5 14.6 21.8

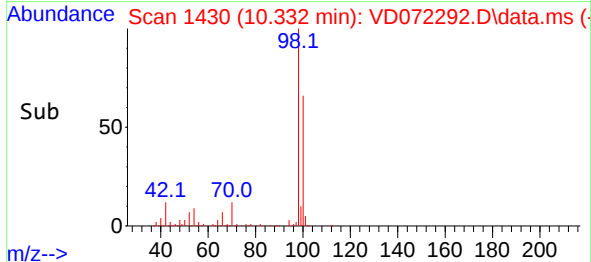
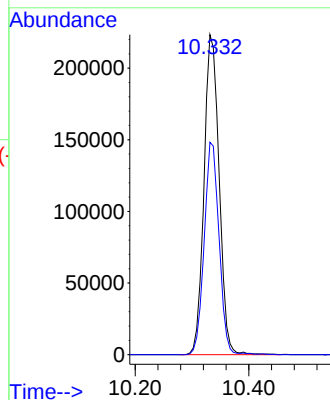
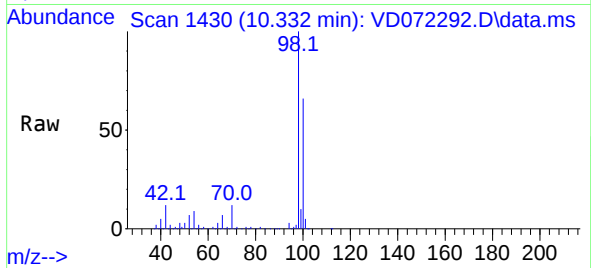




#50
Toluene-d8
Concen: 50.603 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

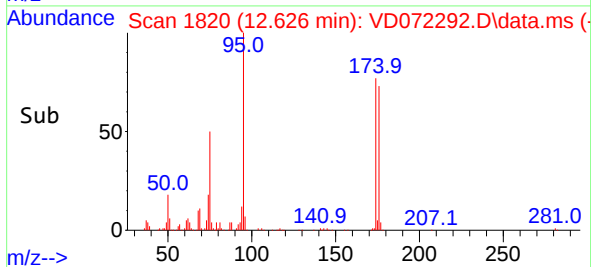
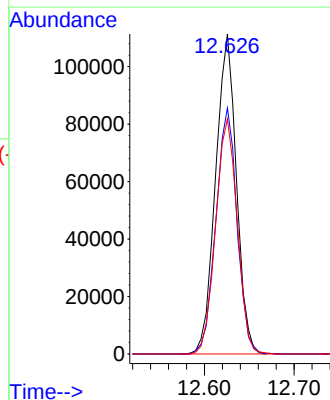
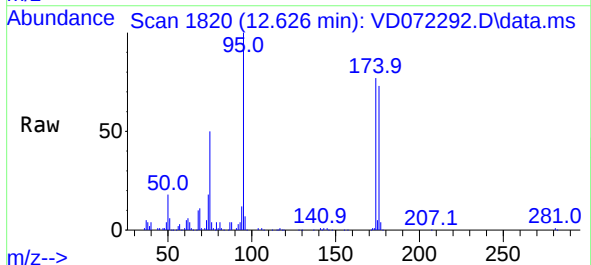
Instrument :
MSVOA_D
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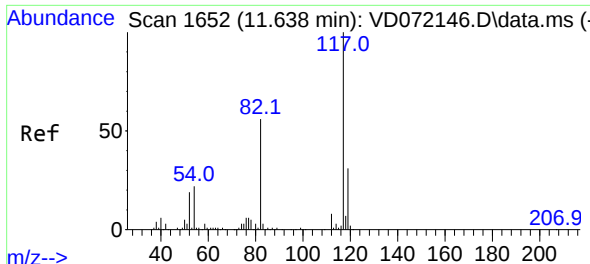
Tgt Ion: 98 Resp: 411873
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.636 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion: 95 Resp: 179114
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 75.9 0.0 145.4

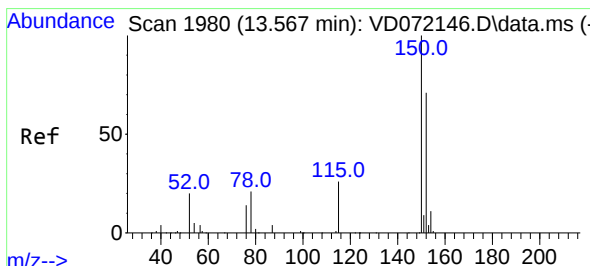
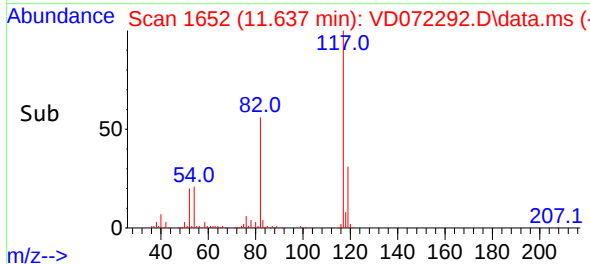
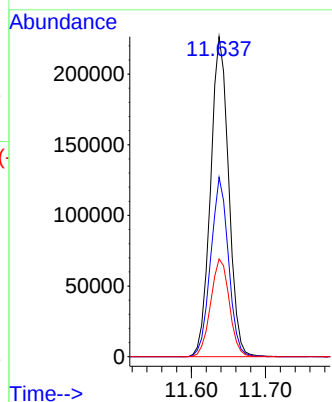
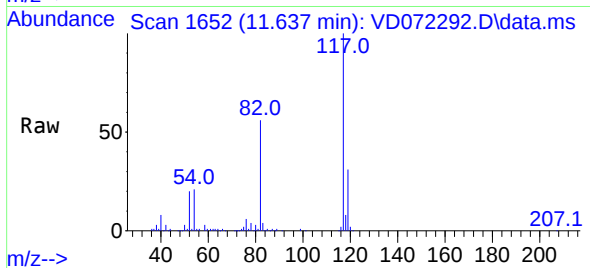




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

Tgt Ion:117 Resp: 383383
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 30.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072292.D
Acq: 18 Mar 2022 16:16

Tgt Ion:152 Resp: 192213
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 158.1 0.0 348.6

