

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072264.D
 Acq On : 18 Mar 2022 01:59
 Operator : VA/SY
 Sample : N1995-07
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

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

Quant Time: Mar 18 05:39:42 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	7.979	168	19109	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	31476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	36147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	17682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	15332	71.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.000%	
35) Dibromofluoromethane	7.908	113	13049	58.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.820%	
50) Toluene-d8	10.332	98	37915	46.814	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.620%	
62) 4-Bromofluorobenzene	12.626	95	16428	52.203	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	

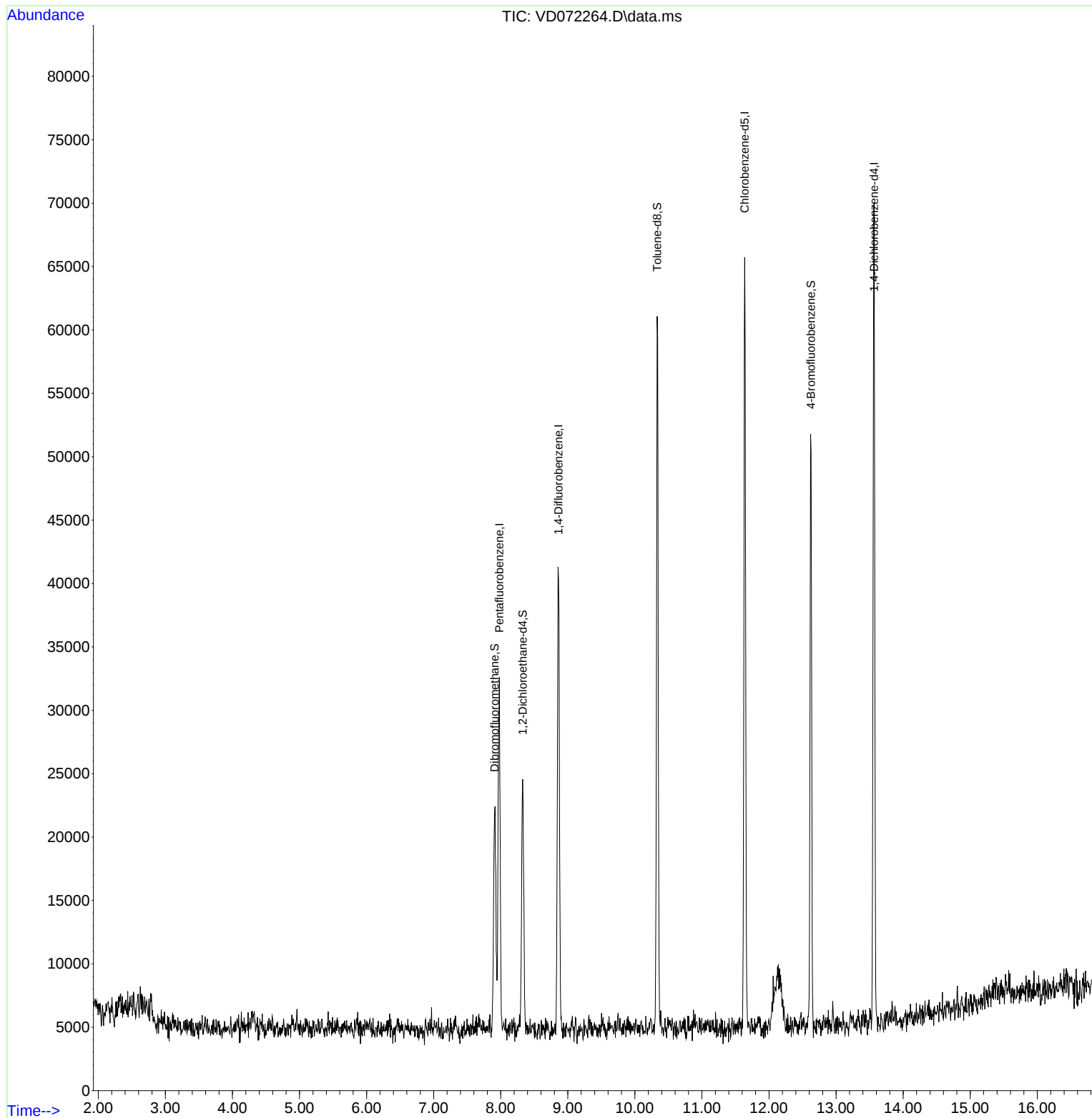
Target Compounds	Qvalue

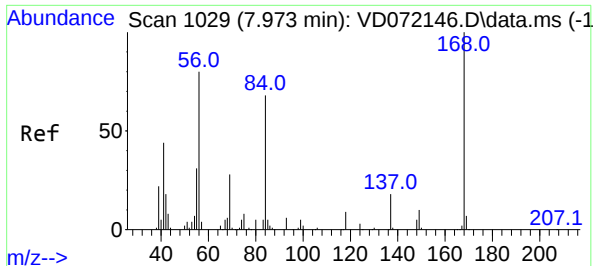
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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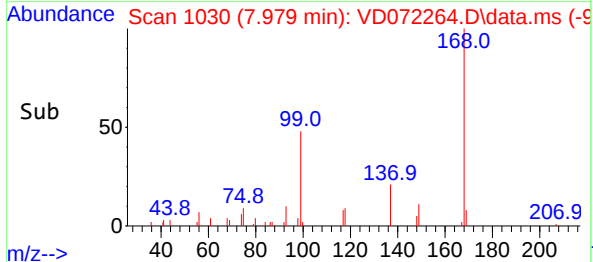
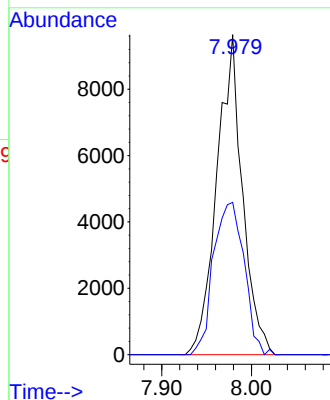
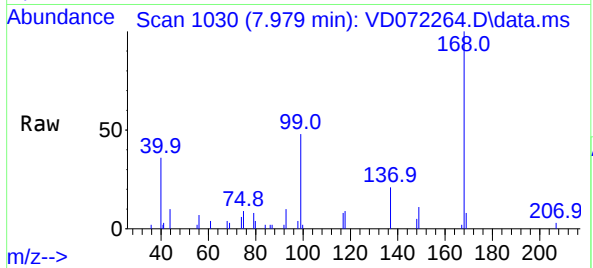




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072264.D
Acq: 18 Mar 2022 01:59

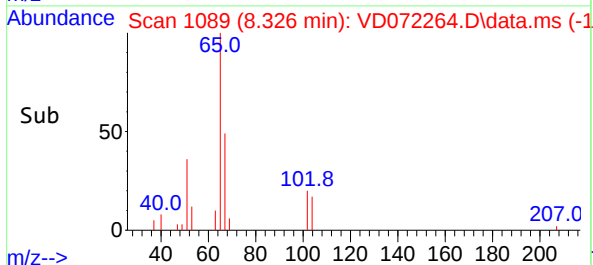
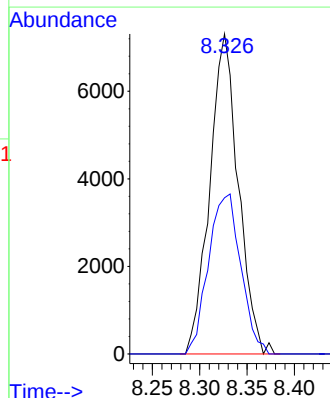
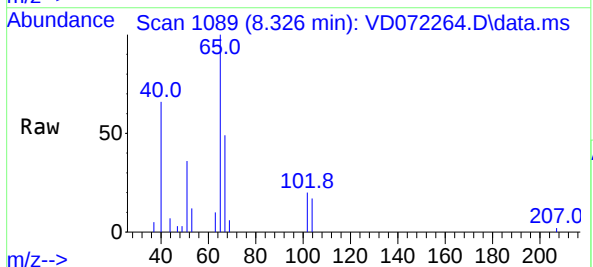
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

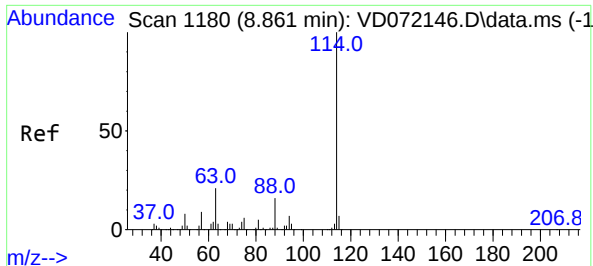
Tgt Ion:168 Resp: 19109
Ion Ratio Lower Upper
168 100
99 47.6 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 71.995 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072264.D
Acq: 18 Mar 2022 01:59

Tgt Ion: 65 Resp: 15332
Ion Ratio Lower Upper
65 100
67 56.5 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: VD072264.D

Acq: 18 Mar 2022 01:59

Instrument :

MSVOA_D

ClientSampleId :

SB-08-4.5-5.0

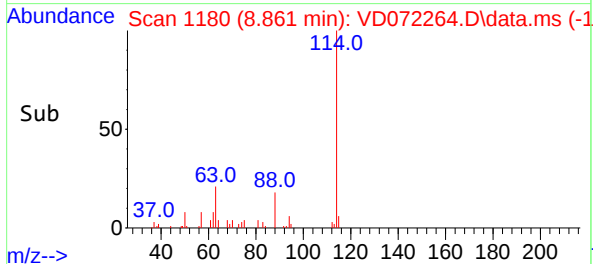
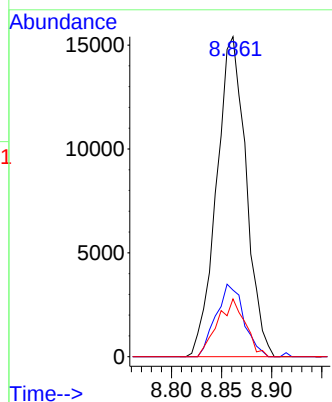
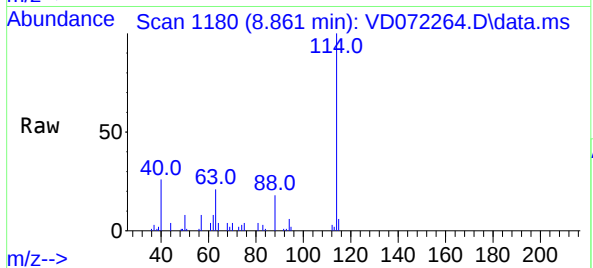
Tgt Ion:114 Resp: 31476

Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 18.1 0.0 33.2



#35

Dibromofluoromethane

Concen: 58.912 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072264.D

Acq: 18 Mar 2022 01:59

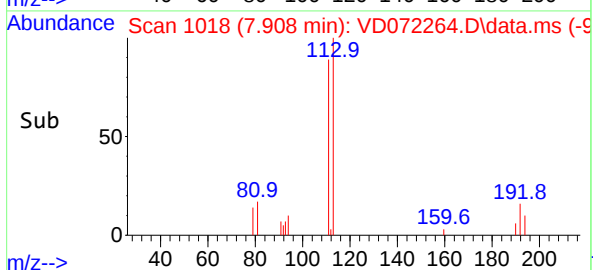
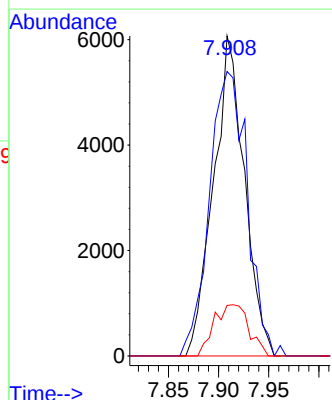
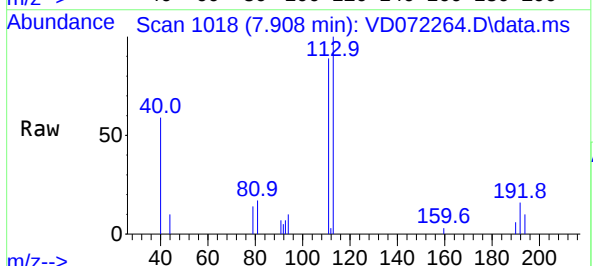
Tgt Ion:113 Resp: 13049

Ion Ratio Lower Upper

113 100

111 108.0 83.8 125.6

192 18.0 14.6 21.8

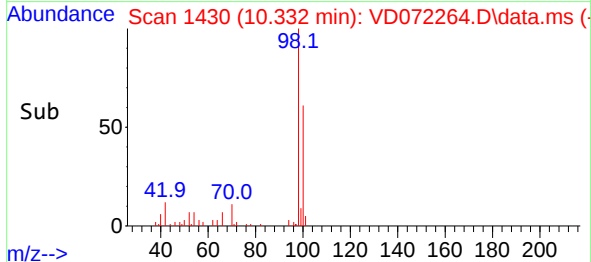
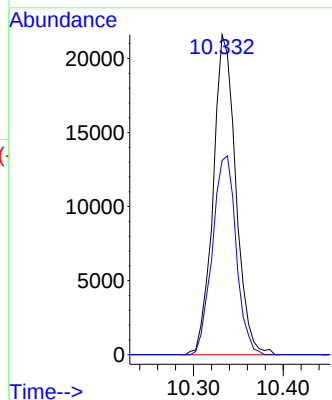
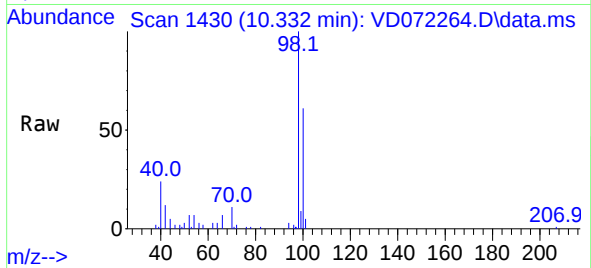




#50
Toluene-d8
Concen: 46.814 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072264.D
Acq: 18 Mar 2022 01:59

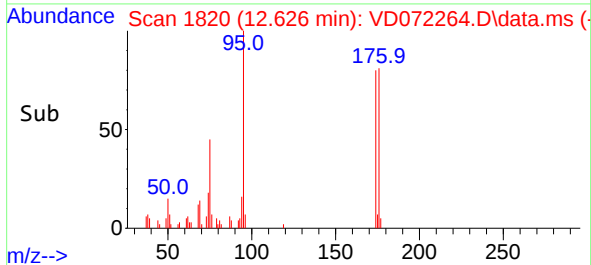
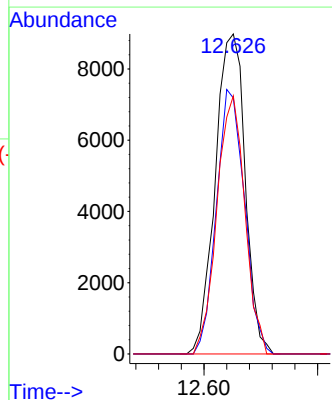
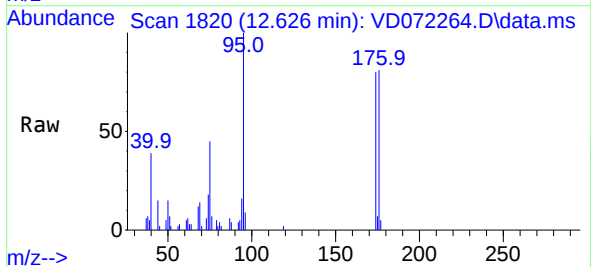
Instrument :
MSVOA_D
ClientSampleId :
SB-08-4.5-5.0

Tgt Ion: 98 Resp: 37915
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.203 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072264.D
Acq: 18 Mar 2022 01:59

Tgt Ion: 95 Resp: 16428
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 75.3 0.0 145.4

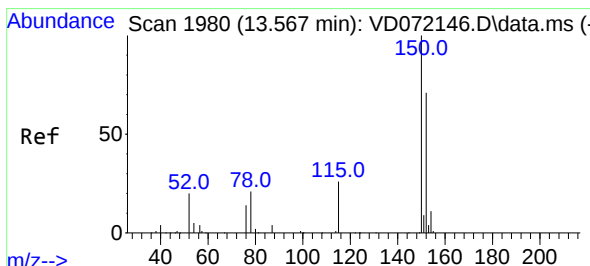
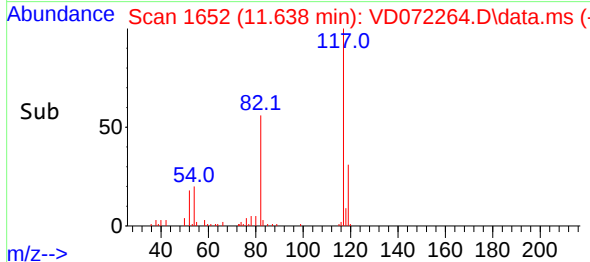
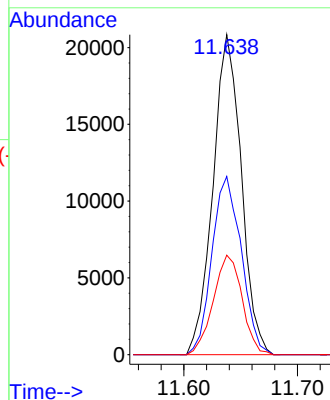
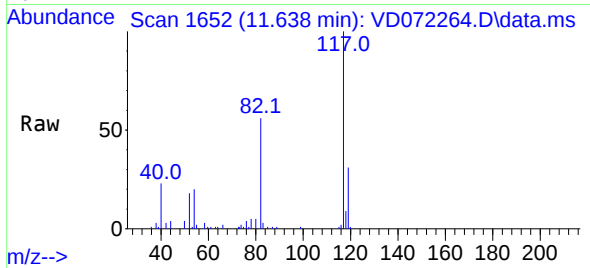




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072264.D
Acq: 18 Mar 2022 01:59

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

Tgt Ion:	117	Resp:	36147
Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.3	67.9
119	31.1	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: VD072264.D
Acq: 18 Mar 2022 01:59

Tgt Ion:	152	Resp:	17682
Ion	Ratio	Lower	Upper
152	100		
115	62.6	31.3	93.8
150	154.9	0.0	348.6

