

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031522\
 Data File : VD072187.D
 Acq On : 15 Mar 2022 14:25
 Operator : VA/SY
 Sample : N1851-05
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-36

Quant Time: Mar 15 17:45:57 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	36723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	72669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	85166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	40560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	38910	95.075	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	190.140%#
35) Dibromofluoromethane	7.908	113	31244	61.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.200%
50) Toluene-d8	10.332	98	91557	48.965	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.620	95	39093	53.807	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.620%

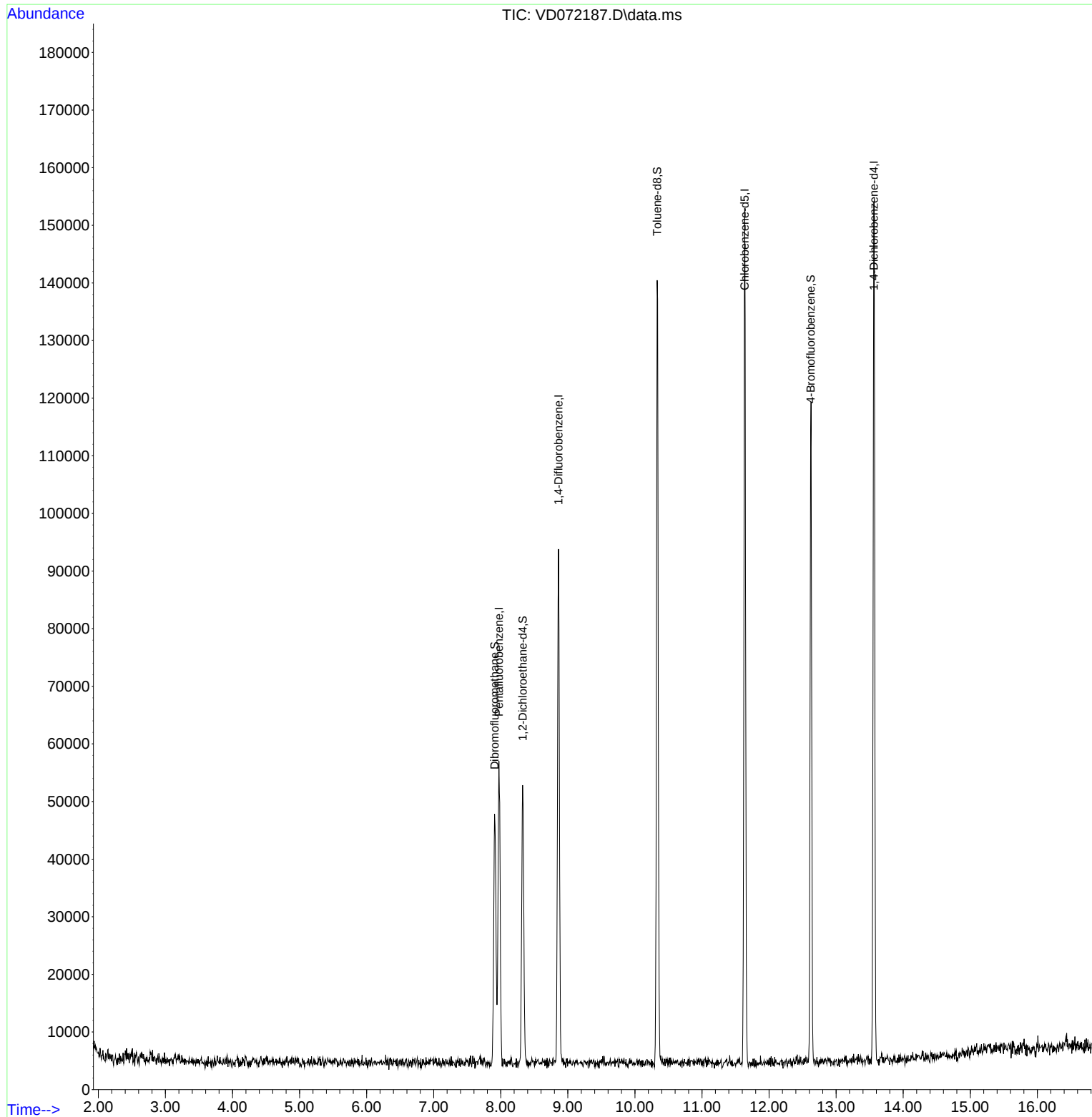
Target Compounds	Qvalue

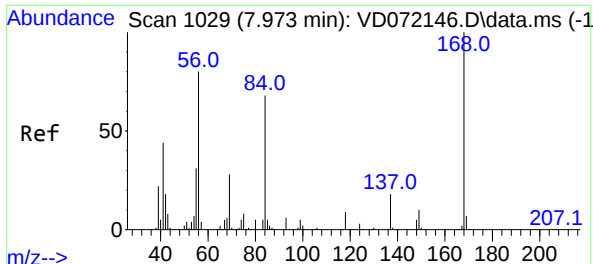
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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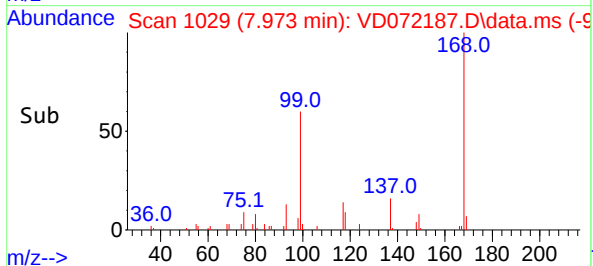
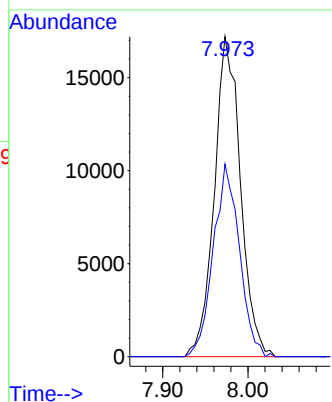
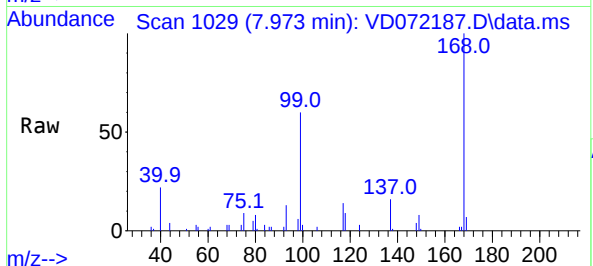




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

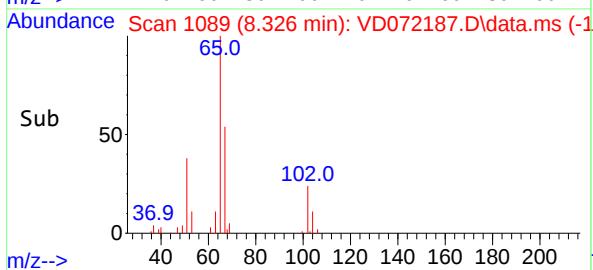
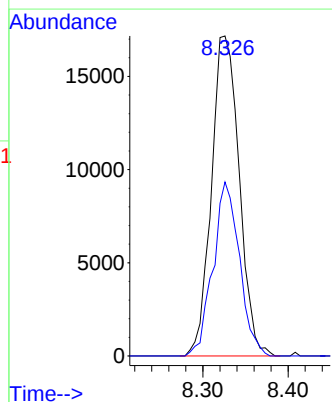
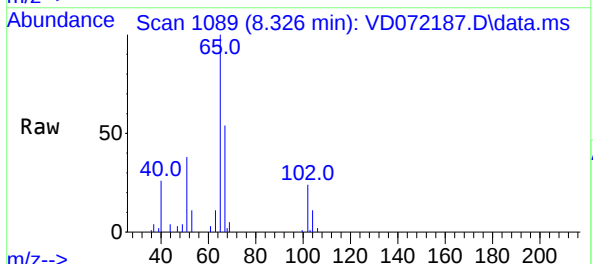
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

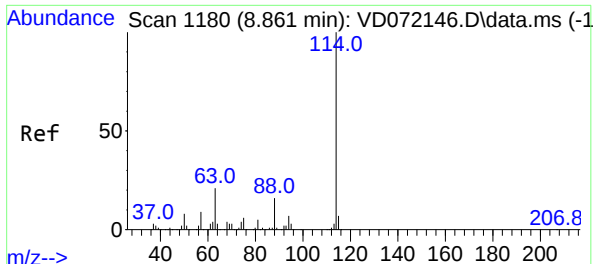
Tgt Ion:168 Resp: 36723
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 95.075 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

Tgt Ion: 65 Resp: 38910
Ion Ratio Lower Upper
65 100
67 51.7 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: VD072187.D

Acq: 15 Mar 2022 14:25

Instrument :

MSVOA_D

ClientSampleId :

DUM-36

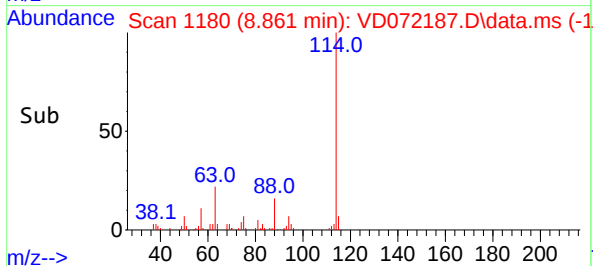
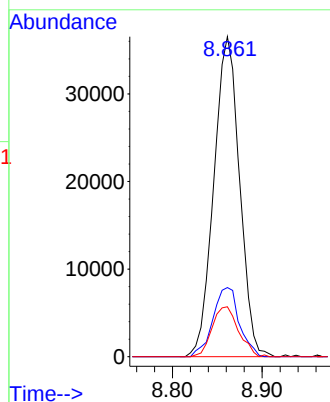
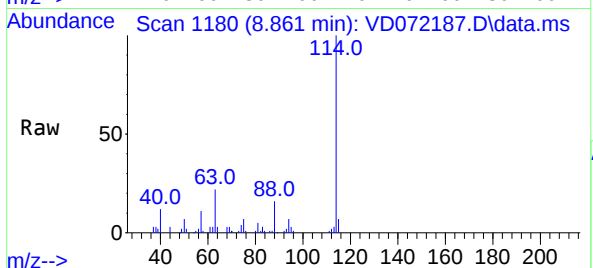
Tgt Ion:114 Resp: 72669

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 61.098 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072187.D

Acq: 15 Mar 2022 14:25

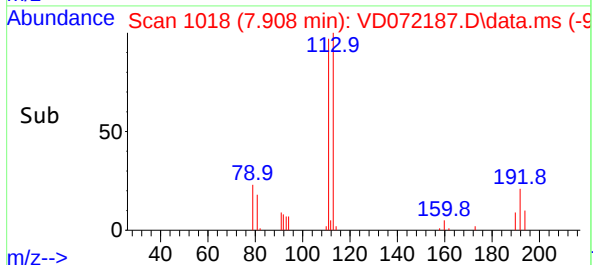
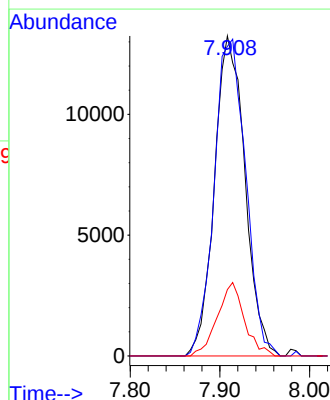
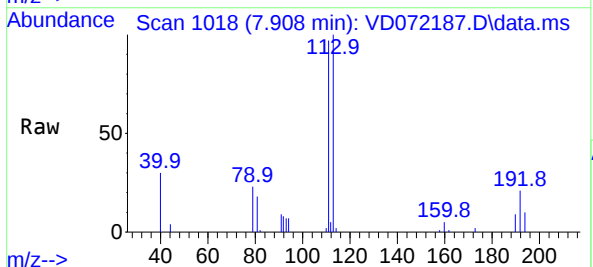
Tgt Ion:113 Resp: 31244

Ion Ratio Lower Upper

113 100

111 102.2 83.8 125.6

192 20.4 14.6 21.8

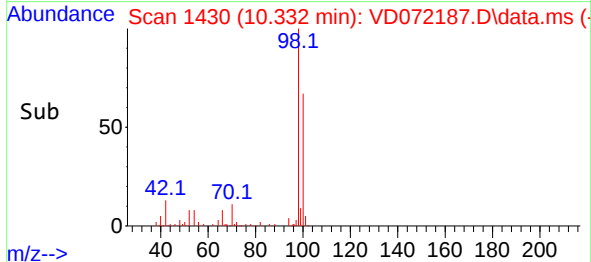
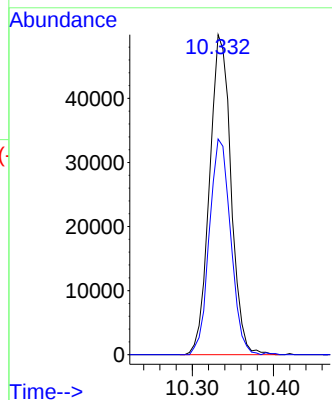
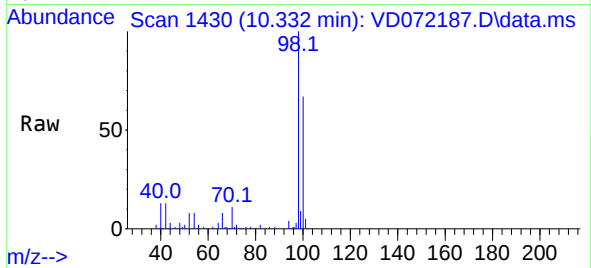




#50
Toluene-d8
Concen: 48.965 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

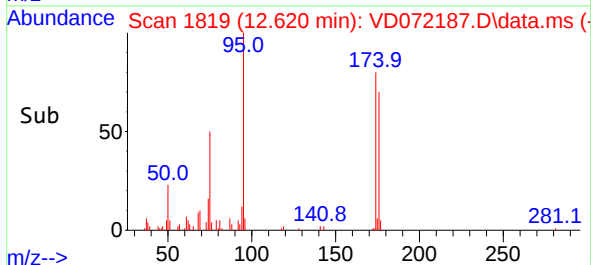
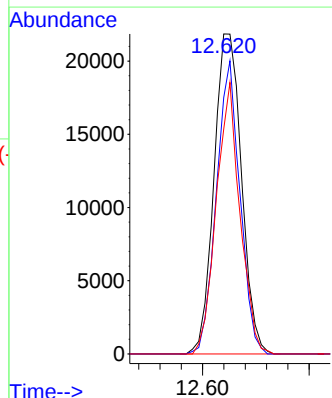
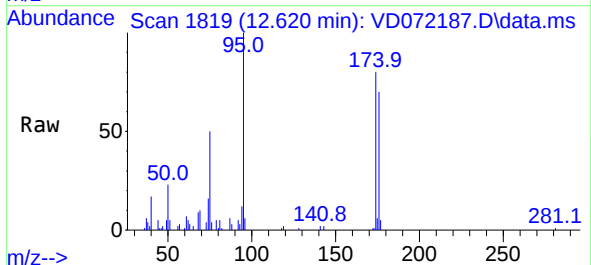
Instrument :
MSVOA_D
ClientSampleId :
DUM-36

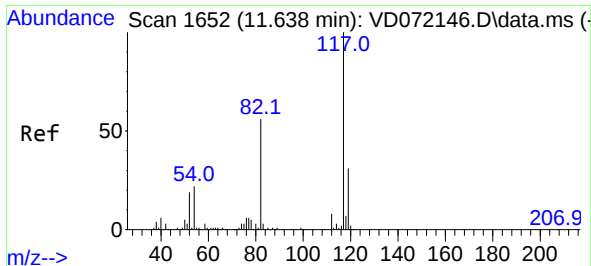
Tgt Ion: 98 Resp: 91557
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.807 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

Tgt Ion: 95 Resp: 39093
Ion Ratio Lower Upper
95 100
174 78.6 0.0 152.8
176 73.3 0.0 145.4

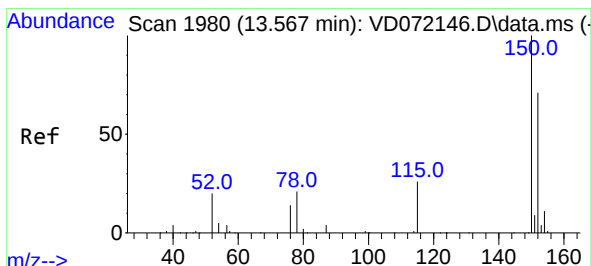
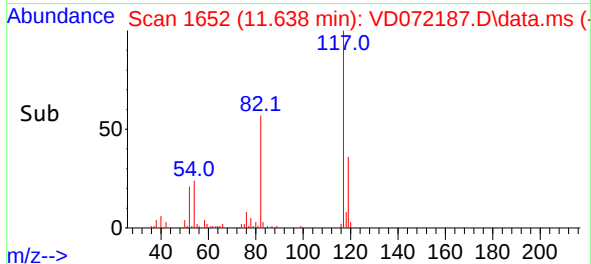
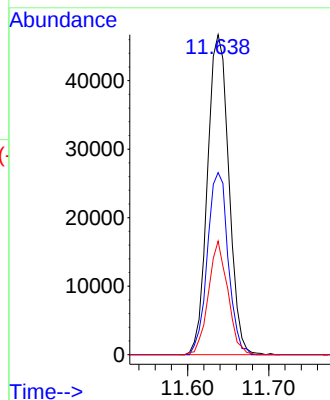
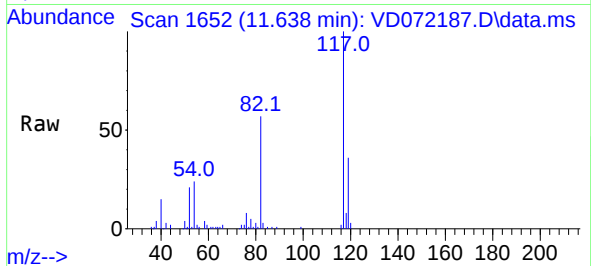




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

Instrument :
MSVOA_D
ClientSampleId :
DUM-36

Tgt Ion:	117	Resp:	85166
Ion	Ratio	Lower	Upper
117	100		
82	56.9	45.3	67.9
119	35.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072187.D
Acq: 15 Mar 2022 14:25

Tgt Ion:	152	Resp:	40560
Ion	Ratio	Lower	Upper
152	100		
115	65.5	31.3	93.8
150	160.9	0.0	348.6

