

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072253.D
 Acq On : 17 Mar 2022 19:23
 Operator : VA/SY
 Sample : N1943-01
 Misc : 9.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B1

Quant Time: Mar 18 04:32:28 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	399243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	676329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	729922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	363984	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	206061	46.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.620%
35) Dibromofluoromethane	7.914	113	211688	44.478	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.960%
50) Toluene-d8	10.332	98	838742	48.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.400%
62) 4-Bromofluorobenzene	12.626	95	358412	53.005	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.000%

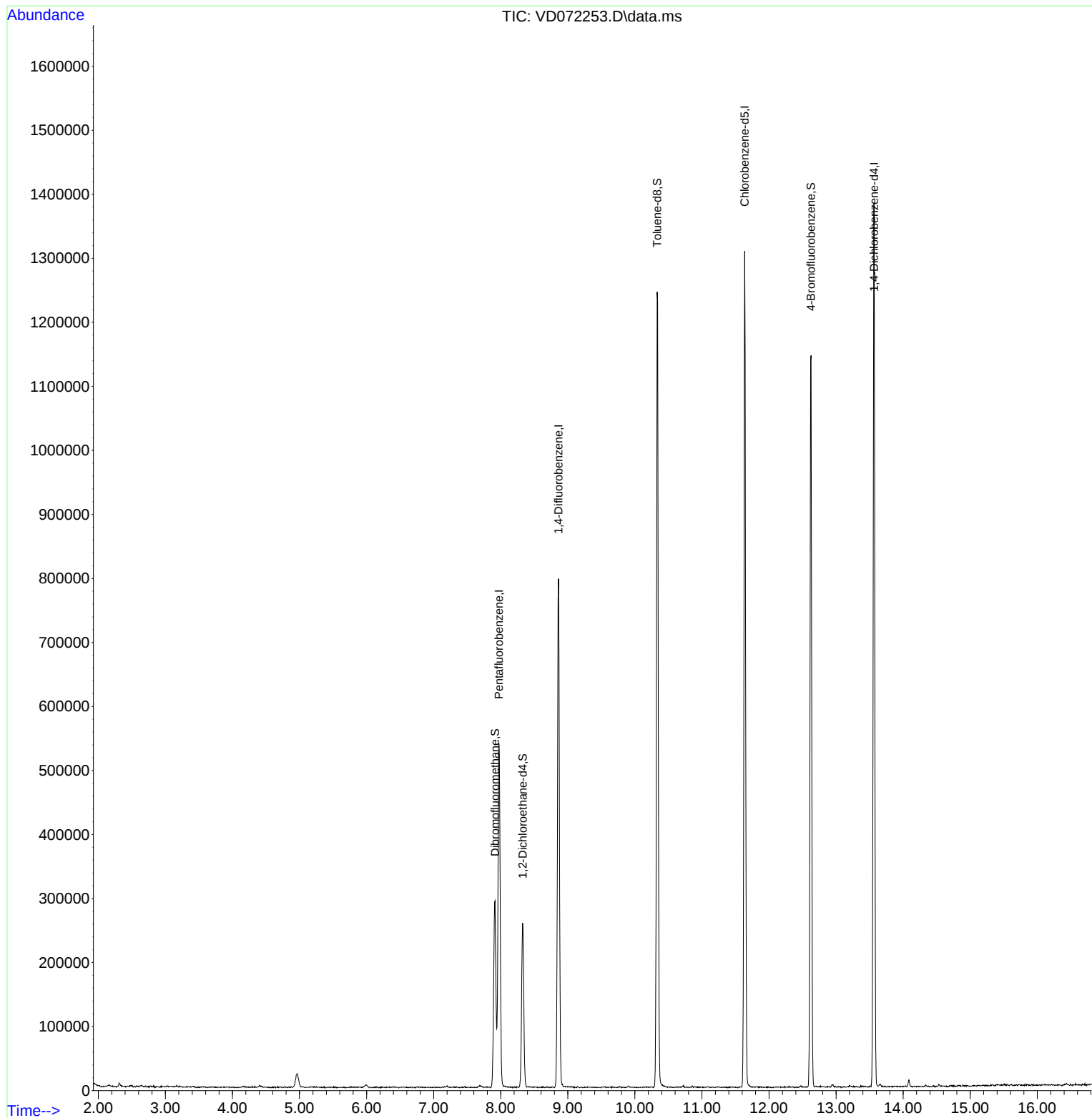
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration





Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD072253.D

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Instrument :

MSVOA_D

ClientSampleId :

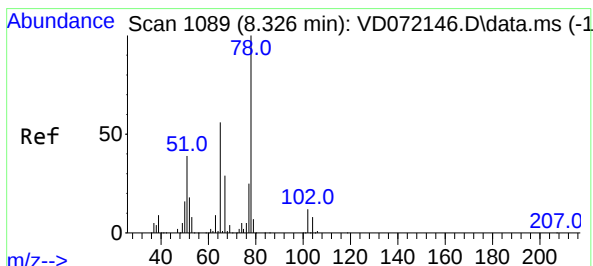
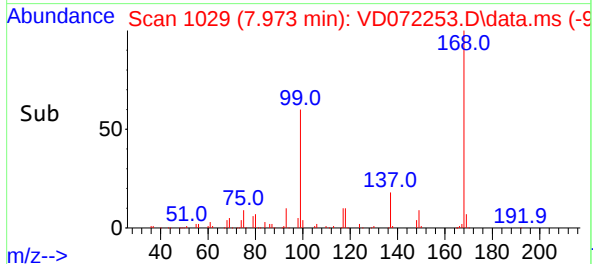
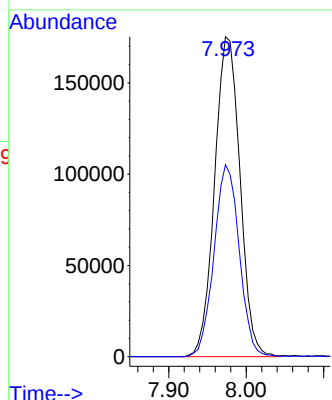
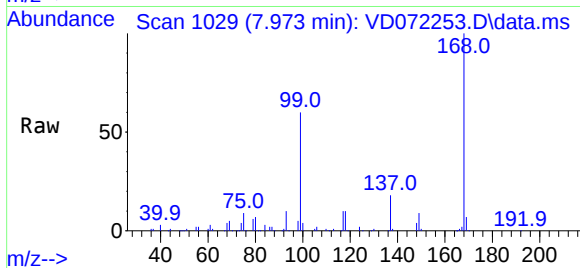
B1

Tgt Ion:168 Resp: 399243

Ion Ratio Lower Upper

168 100

99 60.0 49.8 74.6



1,2-Dichloroethane-d4

Concen: 46.313 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072253.D

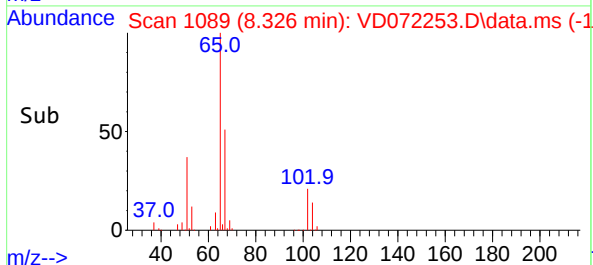
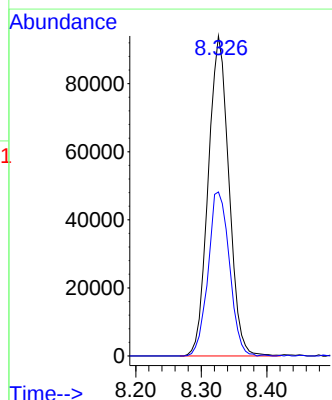
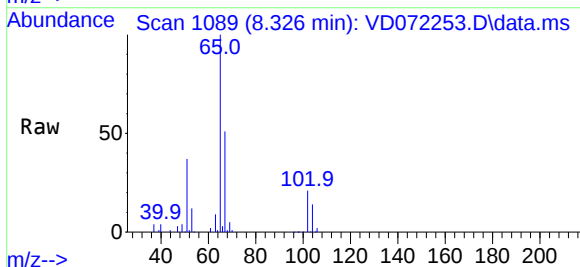
Acq: 17 Mar 2022 19:23

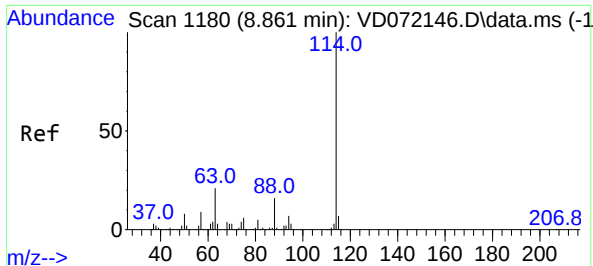
Tgt Ion: 65 Resp: 206061

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: VD072253.D

Acq: 17 Mar 2022 19:23

Instrument :

MSVOA_D

ClientSampleId :

B1

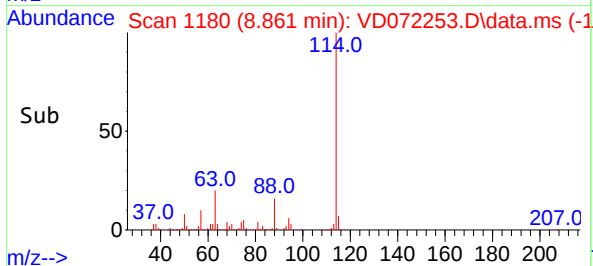
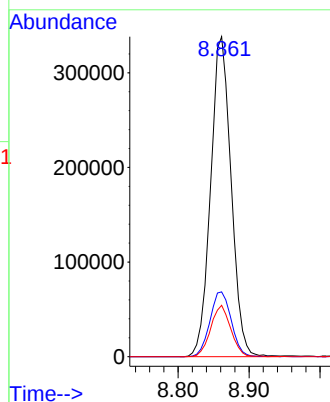
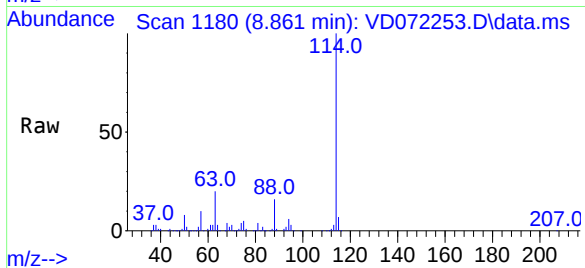
Tgt Ion:114 Resp: 676329

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 44.478 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072253.D

Acq: 17 Mar 2022 19:23

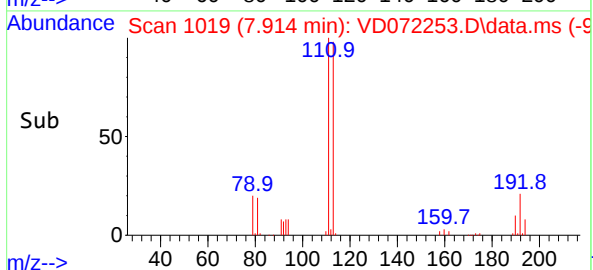
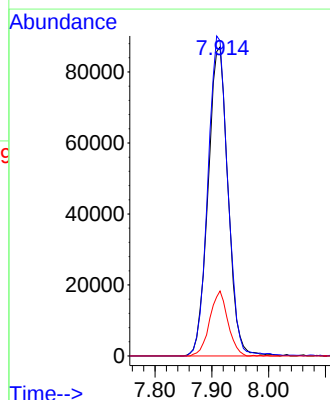
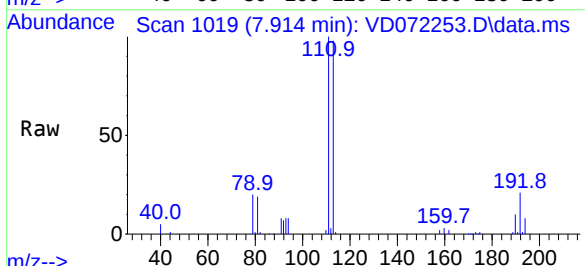
Tgt Ion:113 Resp: 211688

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 19.1 14.6 21.8

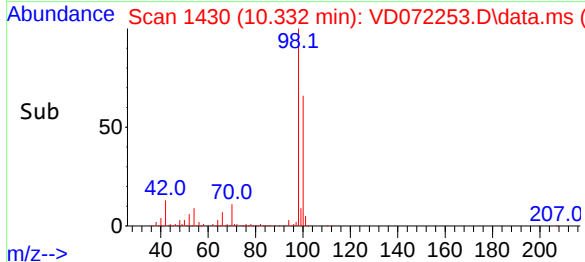
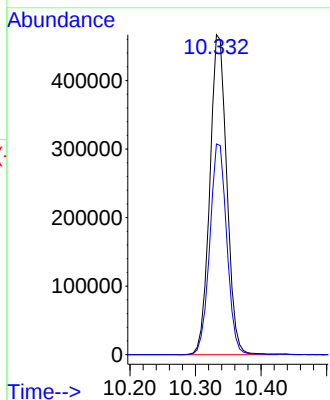
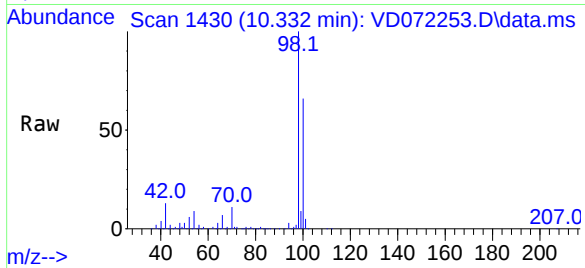




#50
Toluene-d8
Concen: 48.196 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072253.D
Acq: 17 Mar 2022 19:23

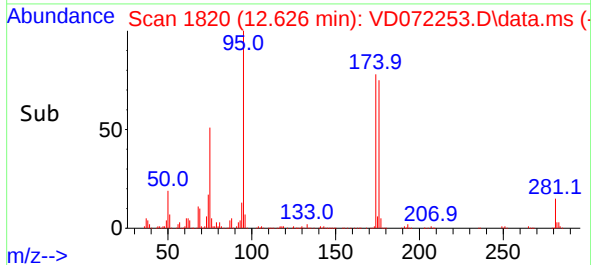
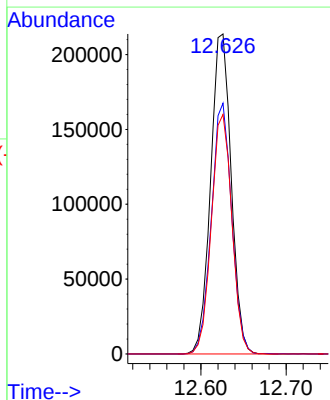
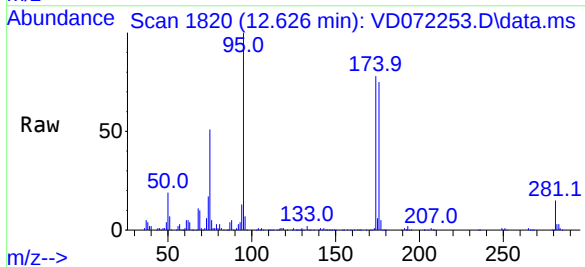
Instrument :
MSVOA_D
ClientSampleId :
B1

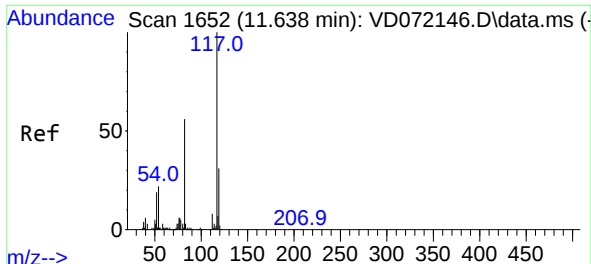
Tgt Ion: 98 Resp: 838742
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.005 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072253.D
Acq: 17 Mar 2022 19:23

Tgt Ion: 95 Resp: 358412
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.5 0.0 145.4

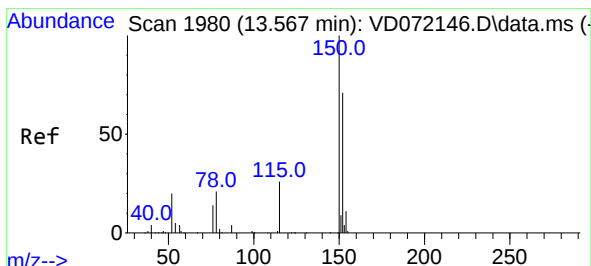
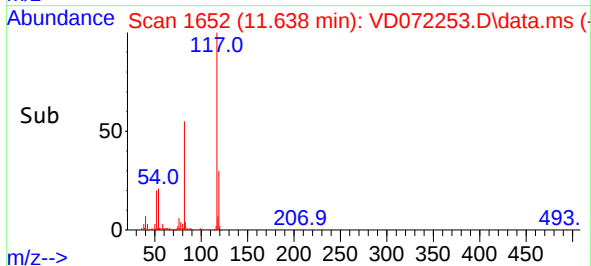
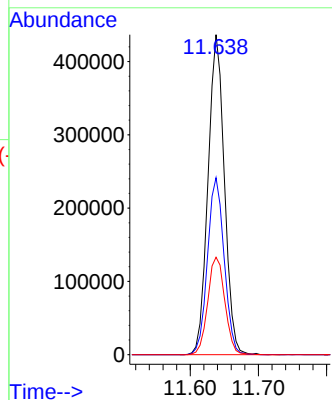
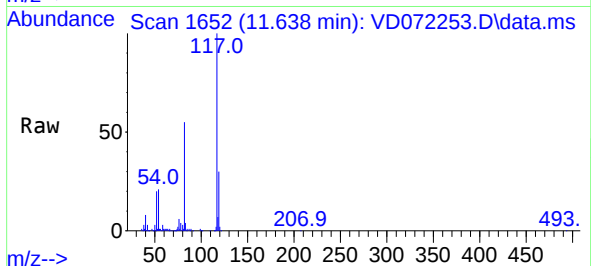




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072253.D
Acq: 17 Mar 2022 19:23

Instrument :
MSVOA_D
ClientSampleId :
B1

Tgt Ion:117 Resp: 729922
Ion Ratio Lower Upper
117 100
82 55.3 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: VD072253.D
Acq: 17 Mar 2022 19:23

Tgt Ion:152 Resp: 363984
Ion Ratio Lower Upper
152 100
115 60.7 31.3 93.8
150 159.7 0.0 348.6

