

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073579.D
 Acq On : 14 Jun 2022 20:02
 Operator : VA/SY
 Sample : N3331-02
 Misc : 8.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

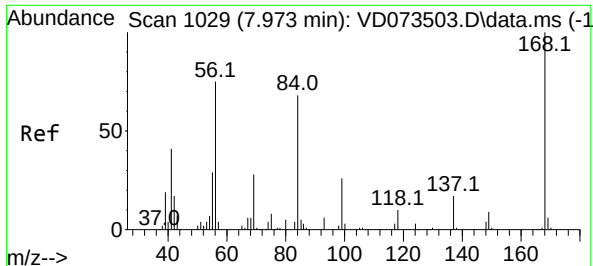
Instrument :
 MSVOA_D
 ClientSampleId :
 B-220(26-28)

Quant Time: Jun 15 01:38:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	269007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	477444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	623375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	350099	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	131227	45.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.920%
35) Dibromofluoromethane	7.908	113	157268	51.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.440%
50) Toluene-d8	10.332	98	615404	53.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.620	95	334676	79.421	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	158.840%#
Target Compounds						
					Qvalue	
40) Benzene	8.338	78	48001	3.579	ug/l	98
52) Toluene	10.396	92	36732	4.270	ug/l	95

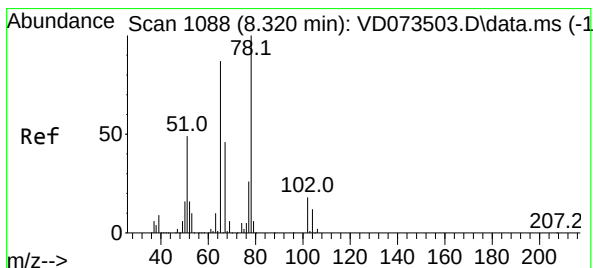
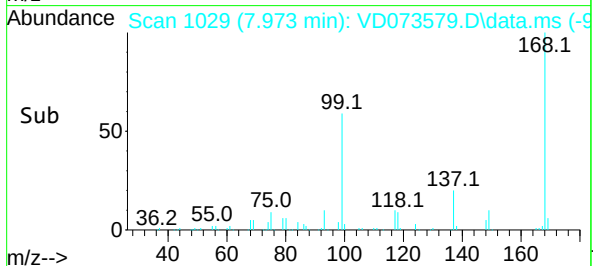
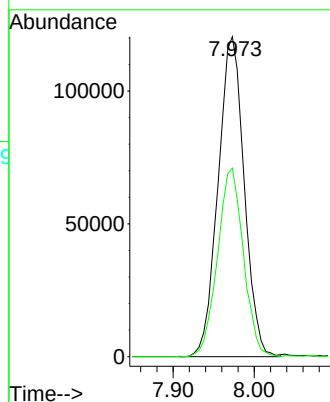
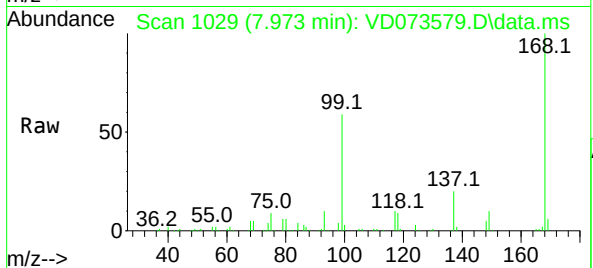
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073579.D
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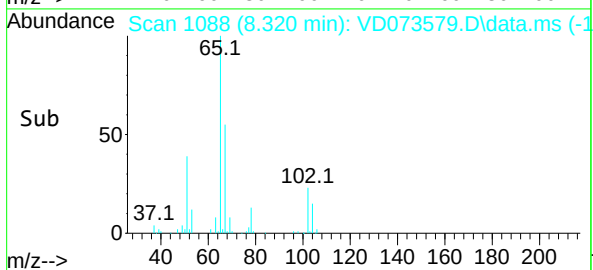
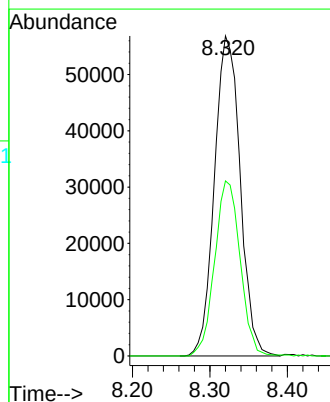
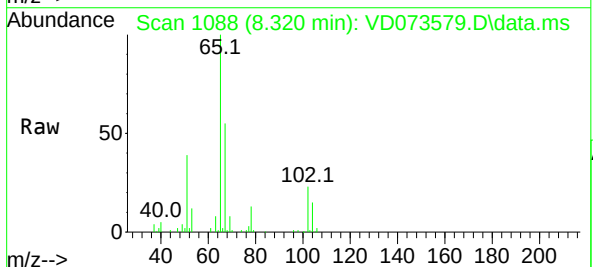
Instrument :
MSVOA_D
ClientSampleId :
B-220(26-28)

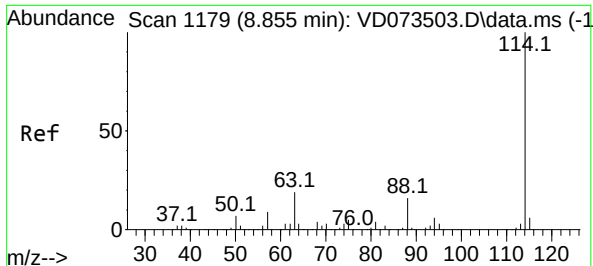
Tgt Ion:168 Resp: 269007
Ion Ratio Lower Upper
168 100
99 58.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 45.457 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

Tgt Ion: 65 Resp: 131227
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073579.D

Acq: 14 Jun 2022 20:02

Instrument :

MSVOA_D

ClientSampleId :

B-220(26-28)

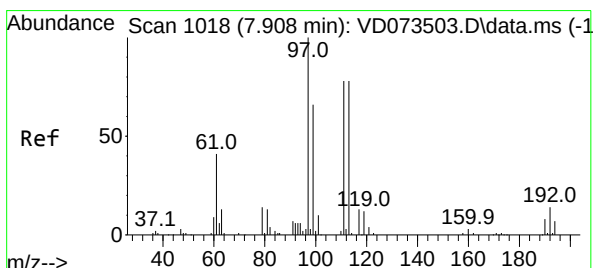
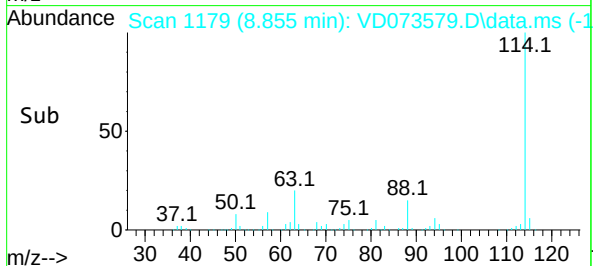
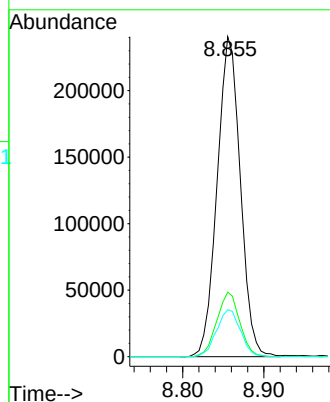
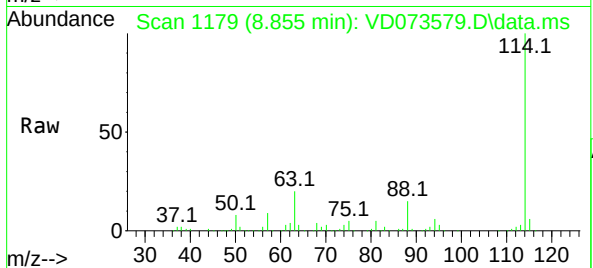
Tgt Ion:114 Resp: 477444

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

88 14.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 51.225 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073579.D

Acq: 14 Jun 2022 20:02

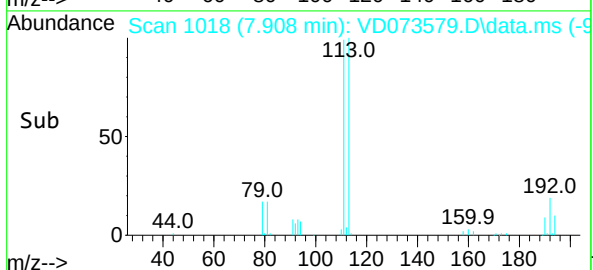
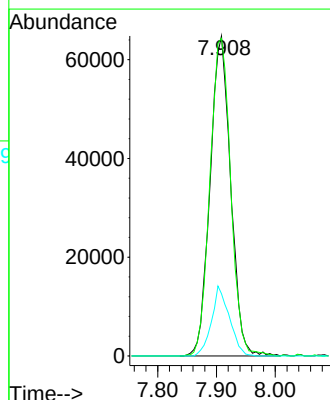
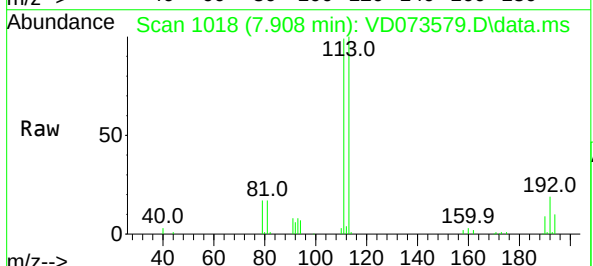
Tgt Ion:113 Resp: 157268

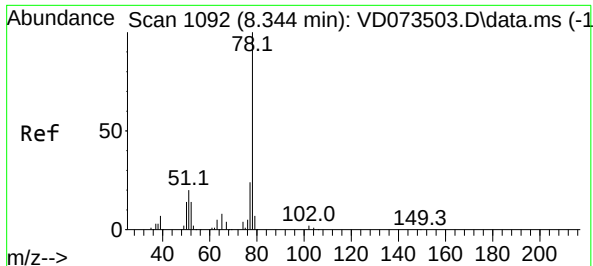
Ion Ratio Lower Upper

113 100

111 100.3 83.8 125.6

192 19.0 14.6 21.8

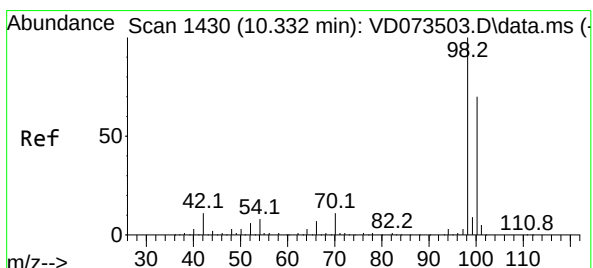
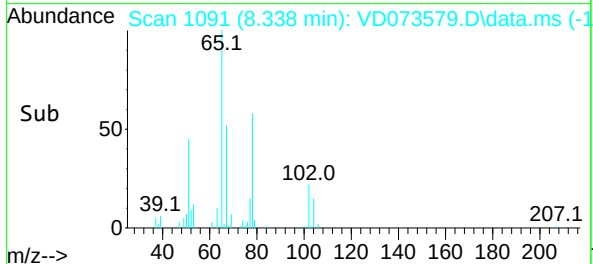
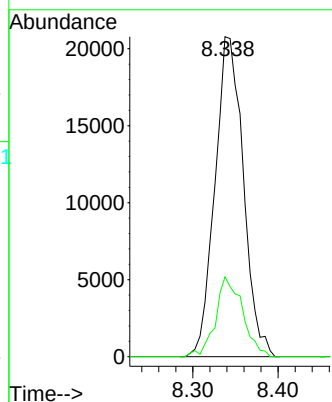
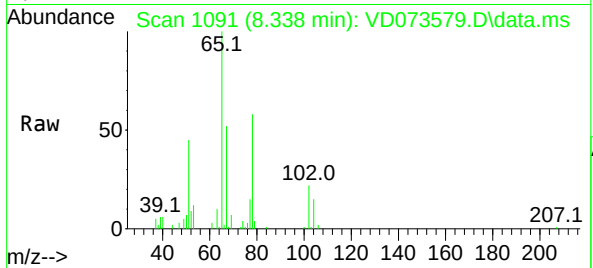




#40
Benzene
Concen: 3.579 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

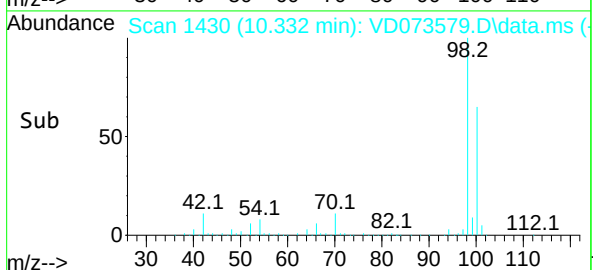
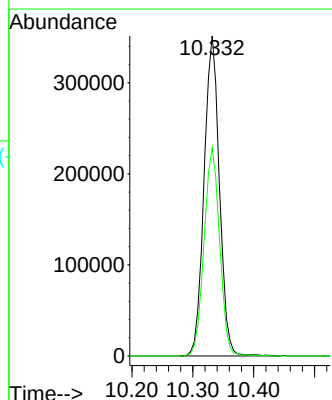
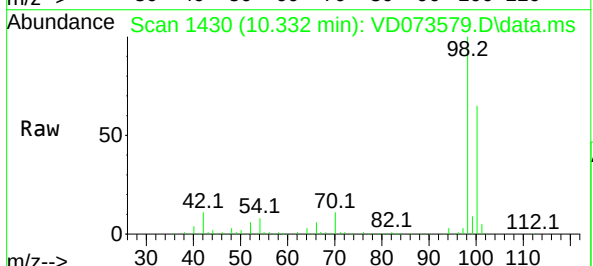
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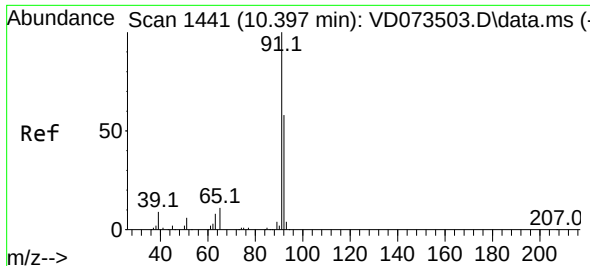
Tgt Ion: 78 Resp: 48001
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7



#50
Toluene-d8
Concen: 53.016 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

Tgt Ion: 98 Resp: 615404
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6

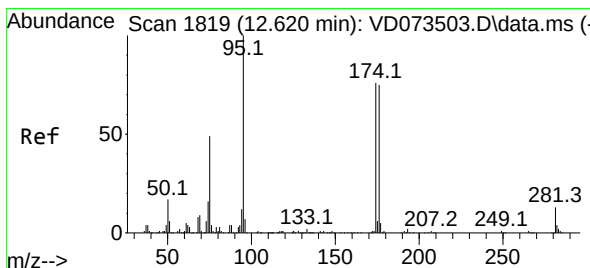
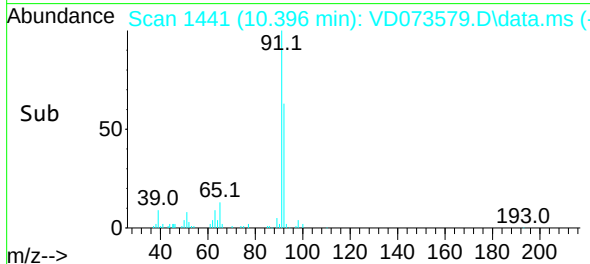
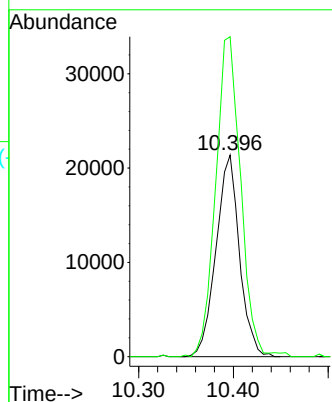
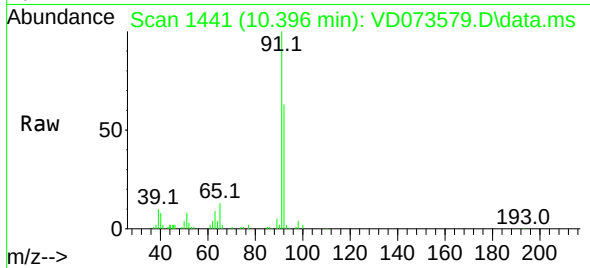




#52
Toluene
Concen: 4.270 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

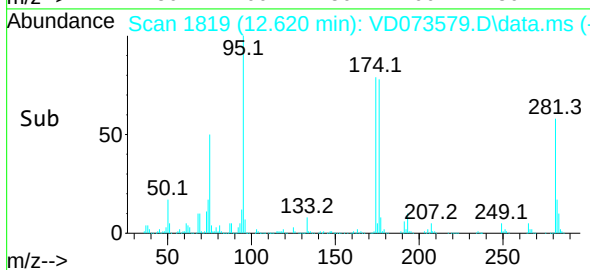
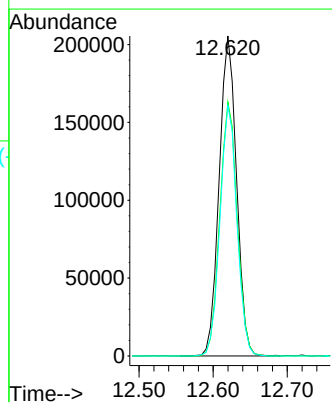
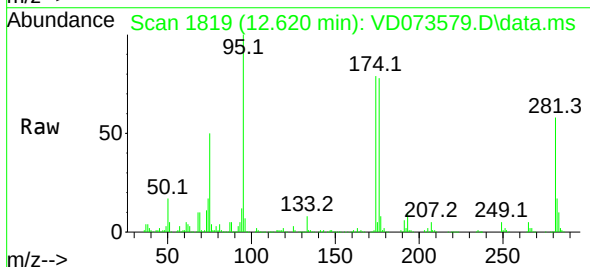
Instrument :
MSVOA_D
ClientSampleId :
B-220(26-28)

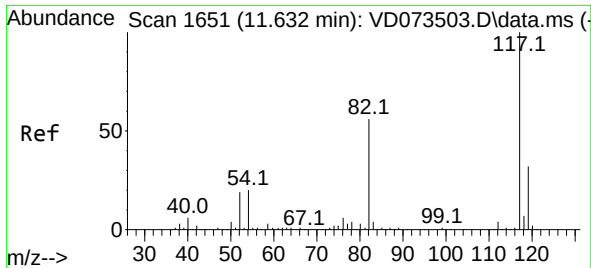
Tgt Ion: 92 Resp: 36732
Ion Ratio Lower Upper
92 100
91 168.0 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 79.421 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

Tgt Ion: 95 Resp: 334676
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 76.2 0.0 145.4

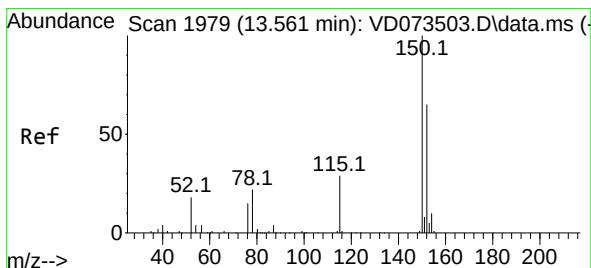
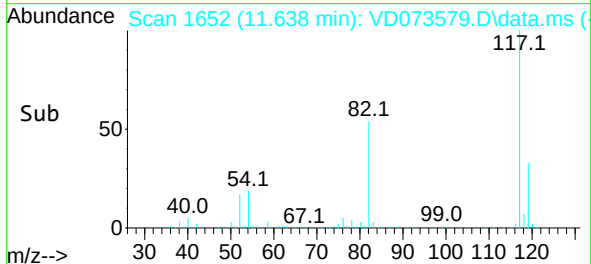
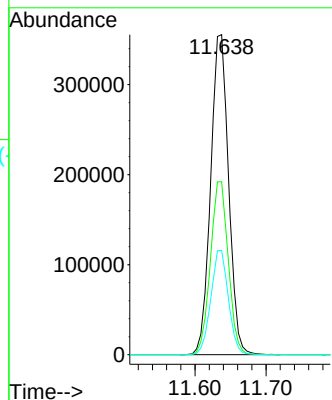
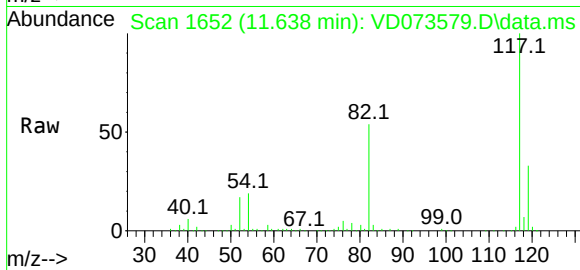




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

Instrument :
MSVOA_D
ClientSampleId :
B-220(26-28)

Tgt Ion:117 Resp: 623375
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 32.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073579.D
Acq: 14 Jun 2022 20:02

Tgt Ion:152 Resp: 350099
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 159.9 0.0 348.6

