

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070522\
 Data File : VN073308.D
 Acq On : 05 Jul 2022 11:57
 Operator : JC\MD
 Sample : VN0705MBL01
 Misc : 5.00G/5.00mL/100uL/5.0mL/MSVOA_N/MeOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0705MBL01

Quant Time: Jul 06 01:12:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	275748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	458628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	415821	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	195588	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	175214	44.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.040%
35) Dibromofluoromethane	7.951	113	146163	47.902	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.800%
50) Toluene-d8	10.375	98	481890	44.466	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.940%
62) 4-Bromofluorobenzene	12.669	95	205530	49.350	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%

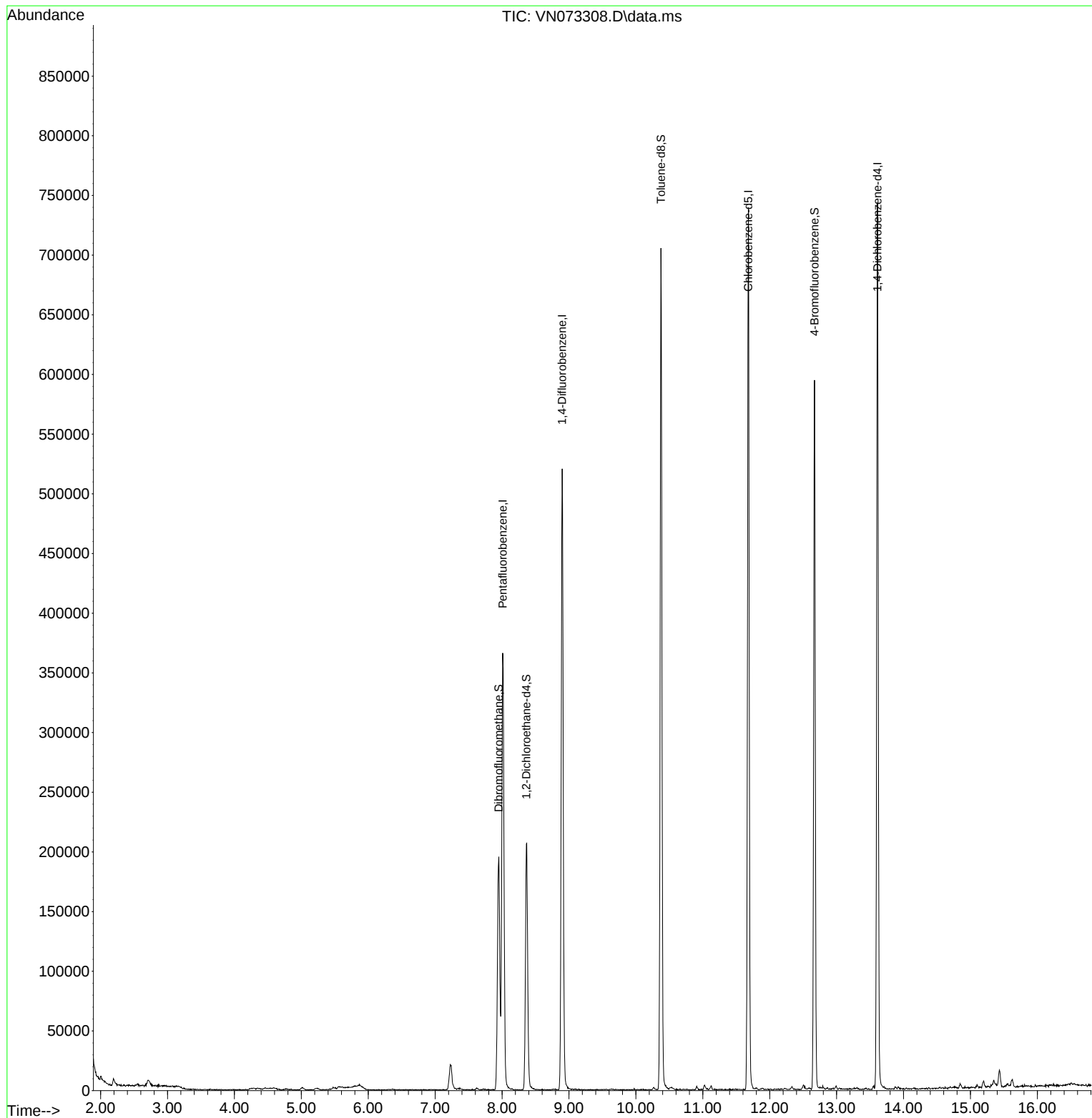
Target Compounds	Qvalue

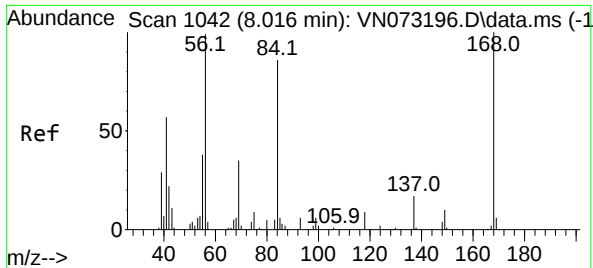
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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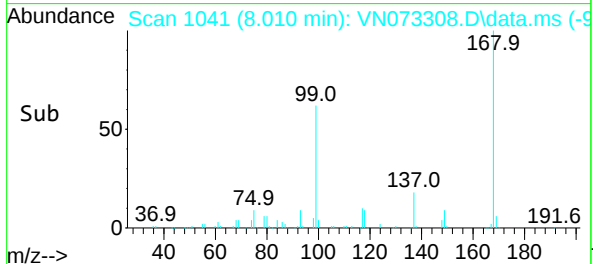
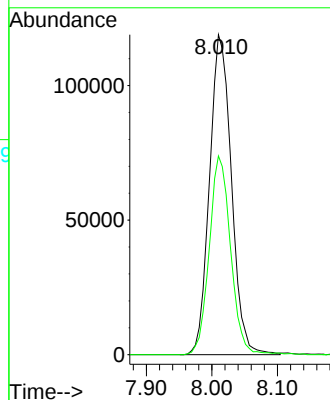
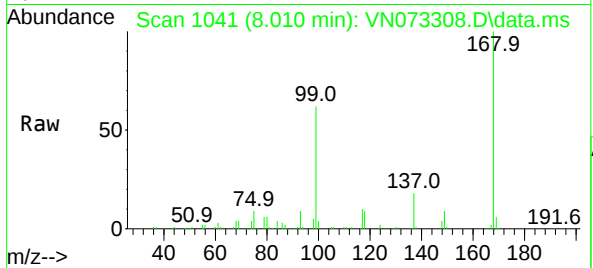




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

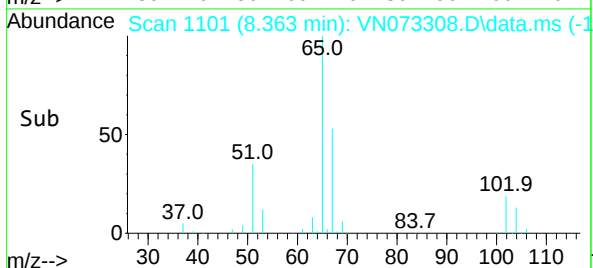
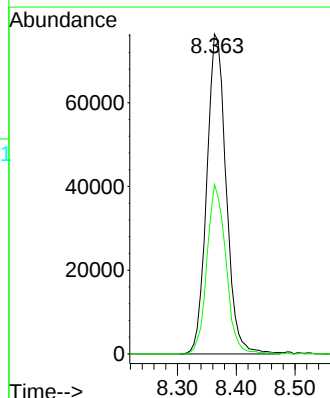
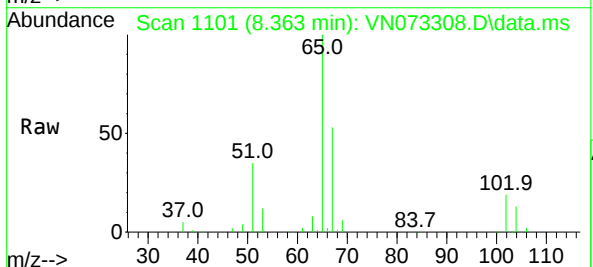
Instrument :
MSVOA_N
ClientSampleId :
VN0705MBL01

Tgt Ion:168 Resp: 275748
Ion Ratio Lower Upper
168 100
99 62.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.016 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

Tgt Ion: 65 Resp: 175214
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073308.D

Acq: 05 Jul 2022 11:57

Instrument :

MSVOA_N

ClientSampleId :

VN0705MBL01

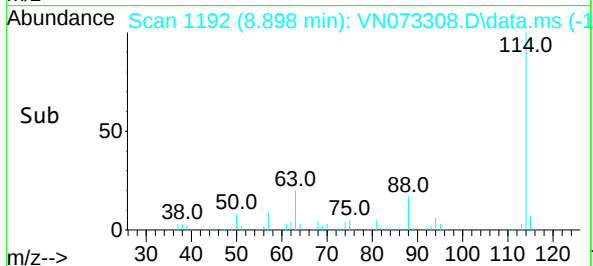
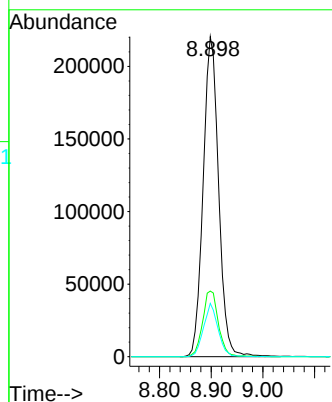
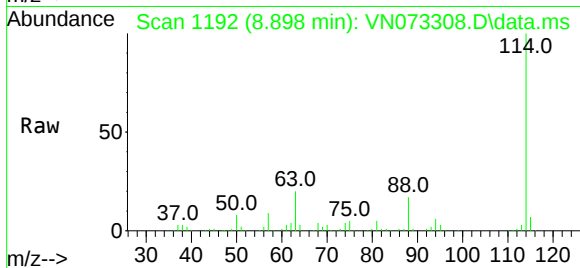
Tgt Ion:114 Resp: 458628

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.902 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073308.D

Acq: 05 Jul 2022 11:57

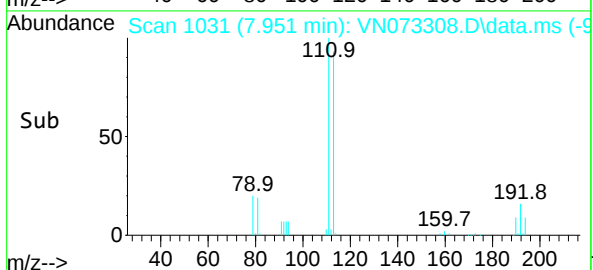
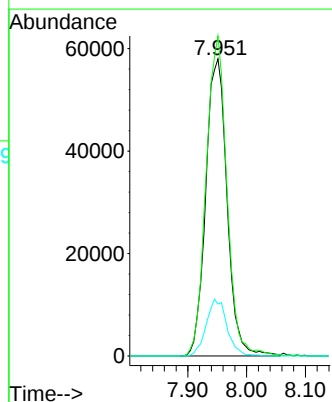
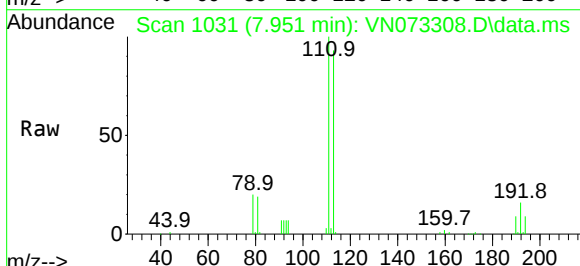
Tgt Ion:113 Resp: 146163

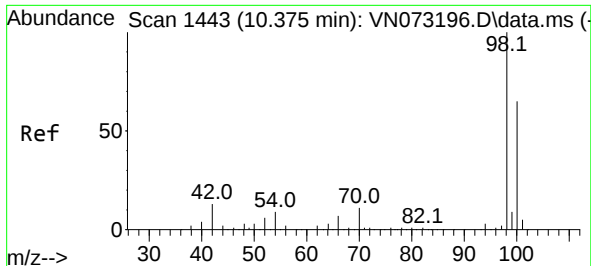
Ion Ratio Lower Upper

113 100

111 105.4 81.4 122.0

192 18.7 17.0 25.6

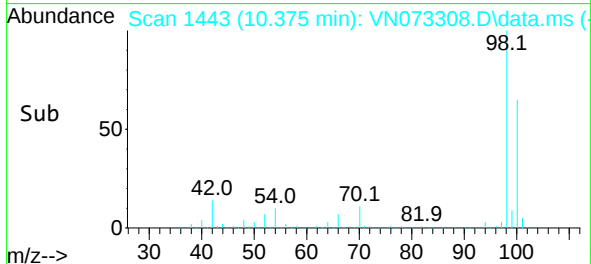
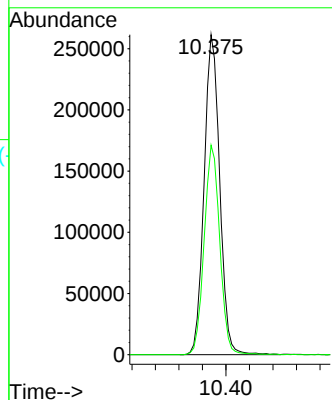
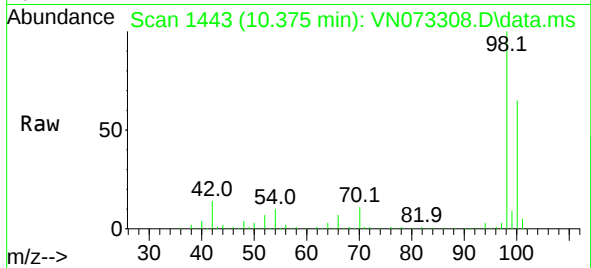




#50
Toluene-d8
Concen: 44.466 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

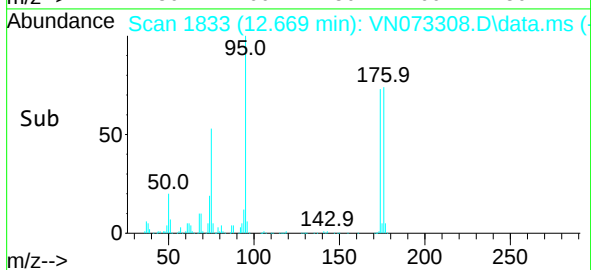
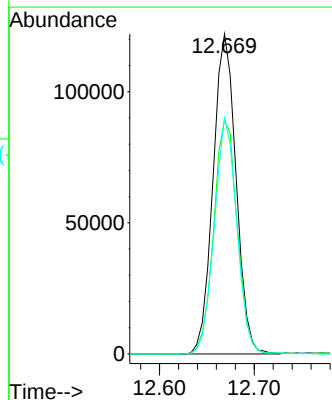
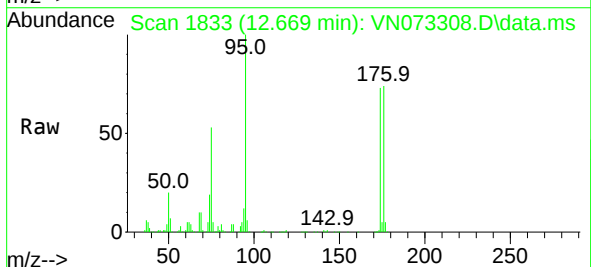
Instrument :
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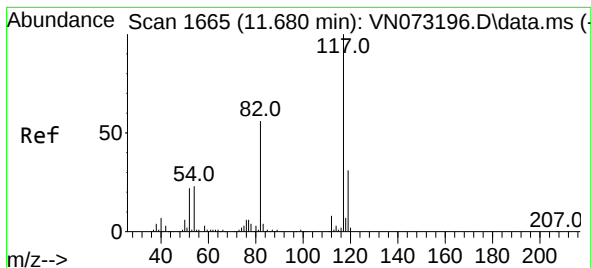
Tgt Ion: 98 Resp: 481890
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

Tgt Ion: 95 Resp: 205530
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.4 0.0 163.4

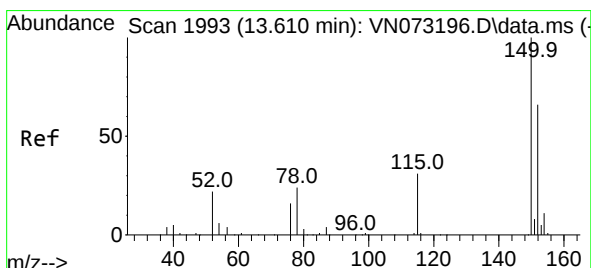
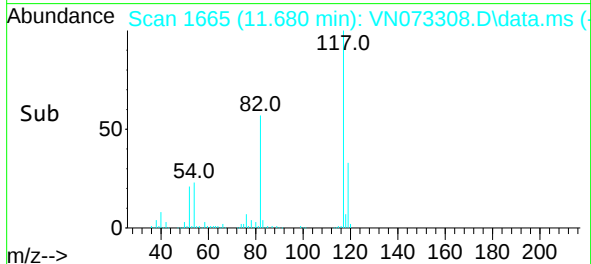
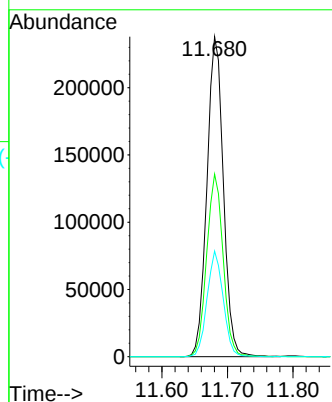
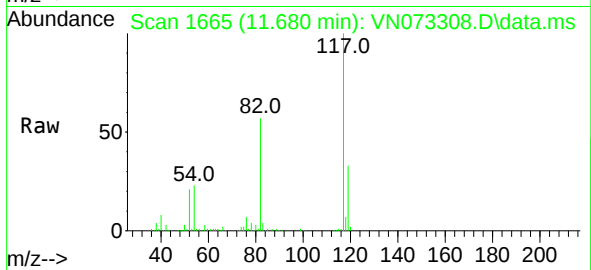




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

Instrument :
MSVOA_N
ClientSampleId :
VN0705MBL01

Tgt Ion:117 Resp: 415821
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073308.D
Acq: 05 Jul 2022 11:57

Tgt Ion:152 Resp: 195588
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 155.2 0.0 356.2

