

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072790.D
 Acq On : 11 Jun 2022 15:18
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 13 01:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

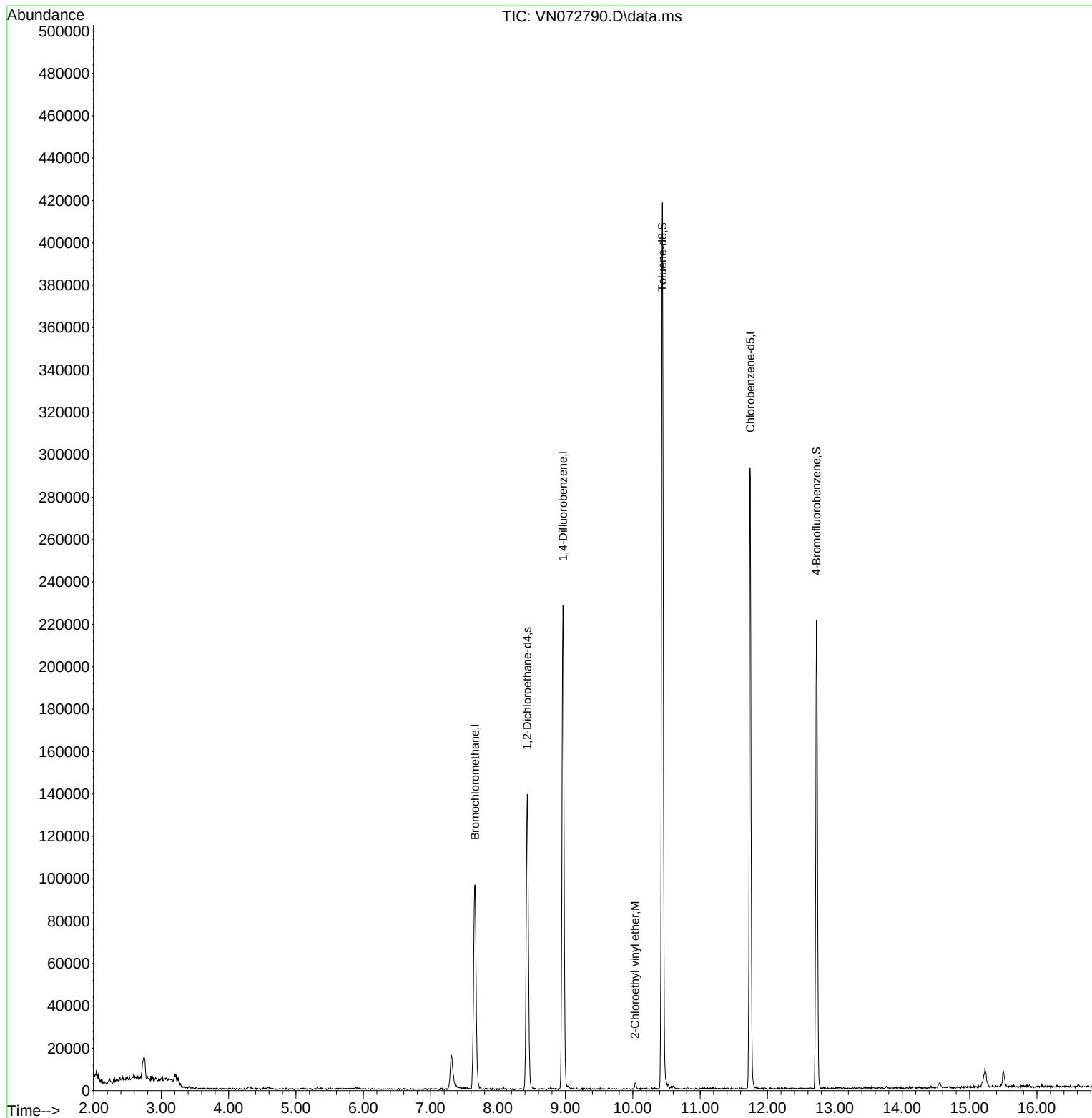
Internal Standards						
1) Bromochloromethane	7.657	128	31130	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	185980	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.745	117	153602	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	116278	32.752	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 109.167%	
60) 4-Bromofluorobenzene	12.727	95	78771	24.934	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 83.100%	
63) Toluene-d8	10.439	98	278739	32.759	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 109.200%	
Target Compounds						
					Qvalue	
55) 2-Chloroethyl vinyl ether	10.033	63	1409	0.710	ug/l	# 91

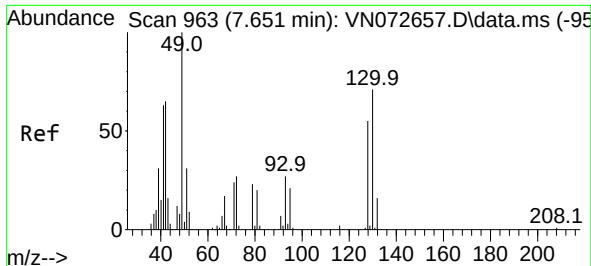
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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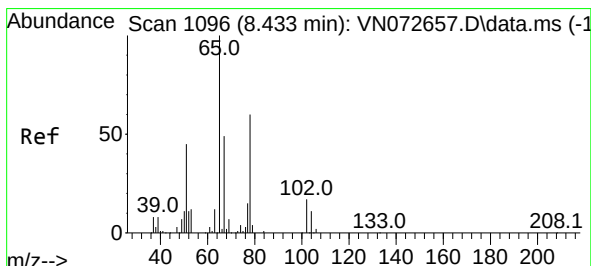
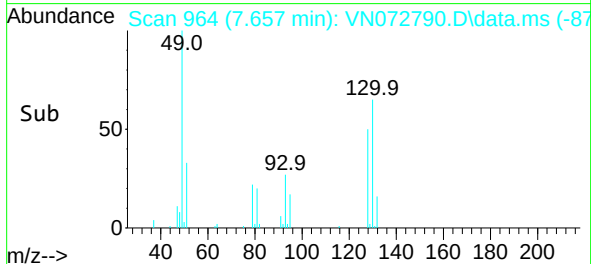
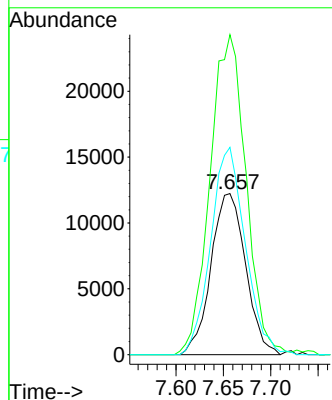
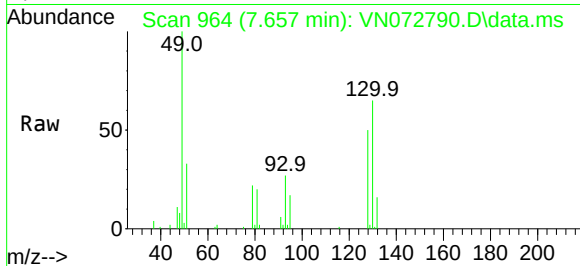




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072790.D
Acq: 11 Jun 2022 15:18

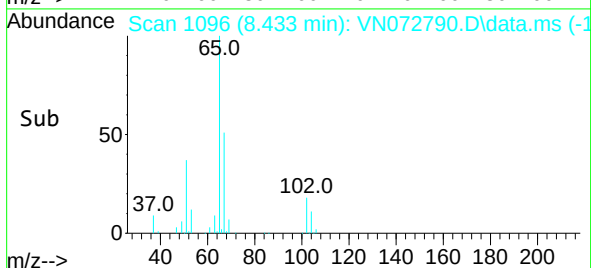
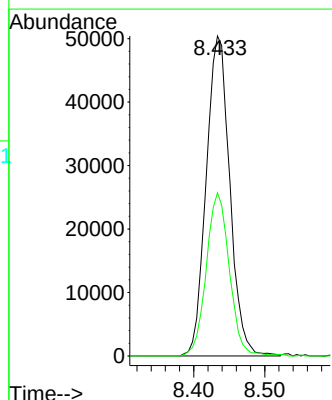
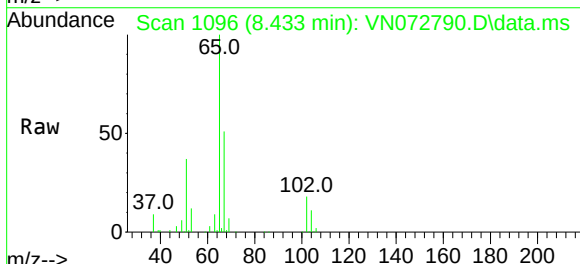
Instrument :
MSVOA_N
ClientSampleId :
IBLK

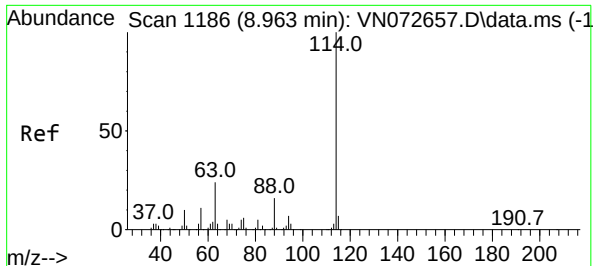
Tgt Ion:128 Resp: 31130
Ion Ratio Lower Upper
128 100
49 205.8 0.0 392.3
130 128.2 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 32.752 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072790.D
Acq: 11 Jun 2022 15:18

Tgt Ion: 65 Resp: 116278
Ion Ratio Lower Upper
65 100
67 49.3 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072790.D

Acq: 11 Jun 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

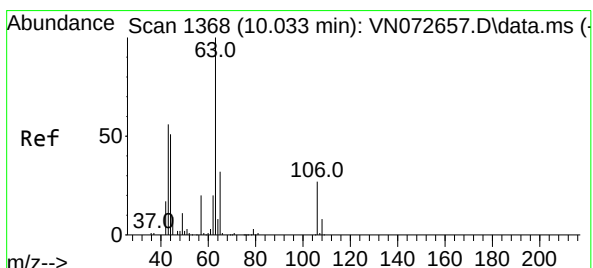
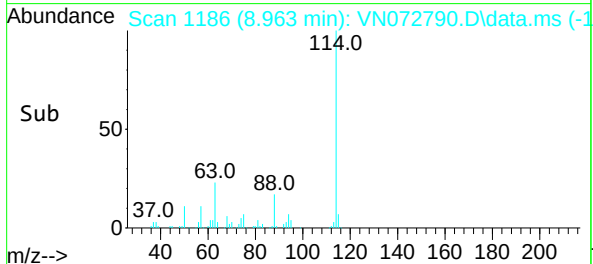
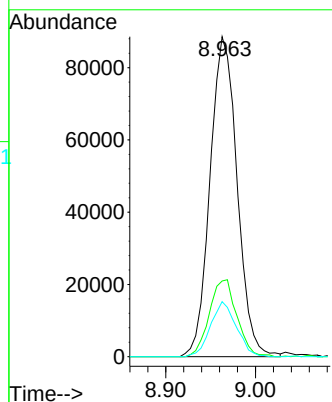
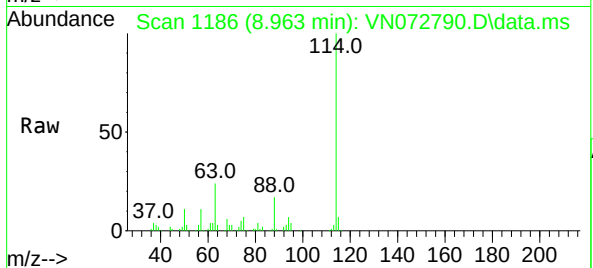
Tgt Ion:114 Resp: 185980

Ion Ratio Lower Upper

114 100

63 24.3 15.8 23.6#

88 16.4 11.6 17.4



#55

2-Chloroethyl vinyl ether

Concen: 0.710 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN072790.D

Acq: 11 Jun 2022 15:18

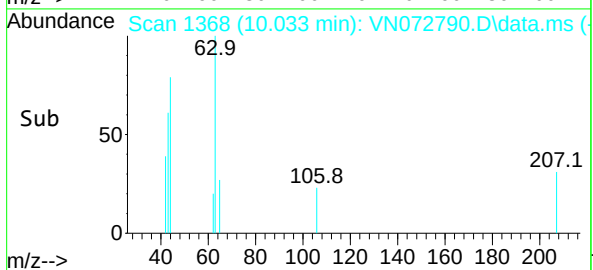
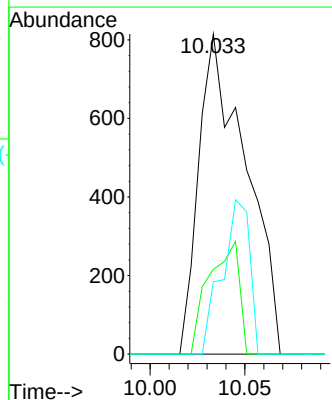
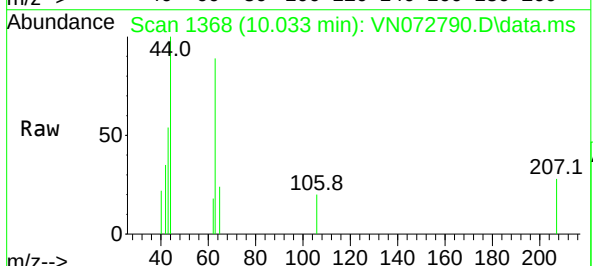
Tgt Ion: 63 Resp: 1409

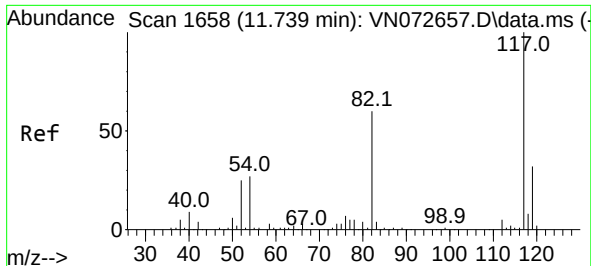
Ion Ratio Lower Upper

63 100

65 22.8 25.4 38.0#

106 28.2 23.2 34.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072790.D

Acq: 11 Jun 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

IBLK

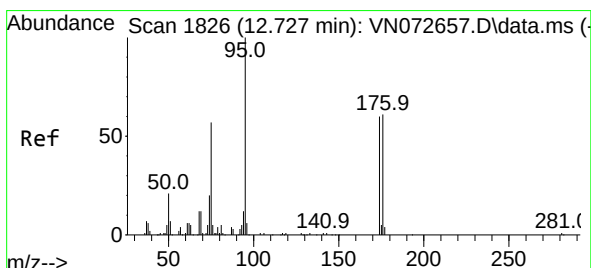
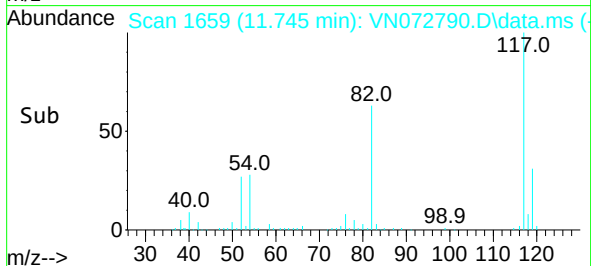
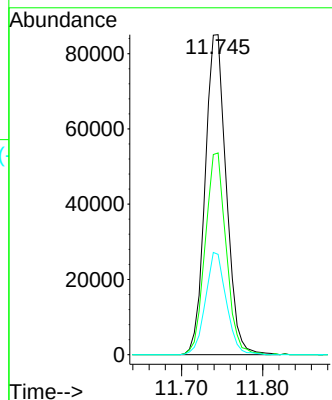
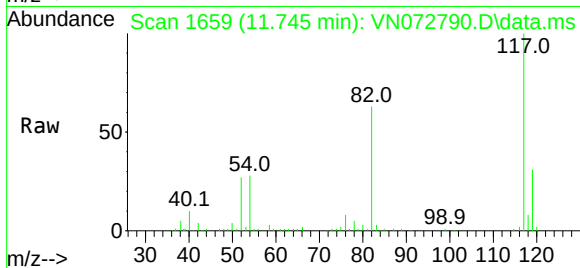
Tgt Ion:117 Resp: 153602

Ion Ratio Lower Upper

117 100

82 62.5 43.6 65.4

119 31.5 25.8 38.6



#60

4-Bromofluorobenzene

Concen: 24.934 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072790.D

Acq: 11 Jun 2022 15:18

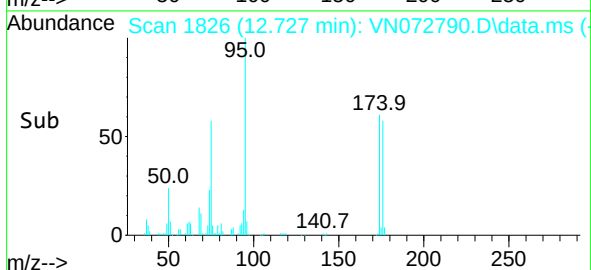
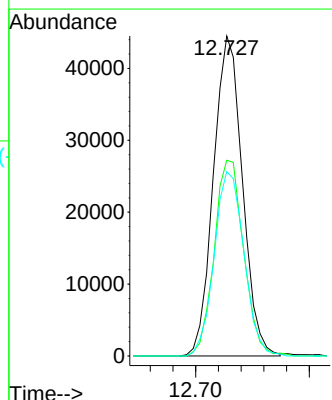
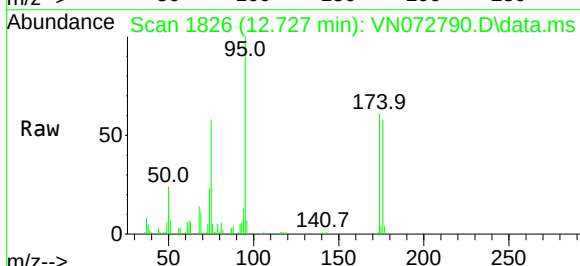
Tgt Ion: 95 Resp: 78771

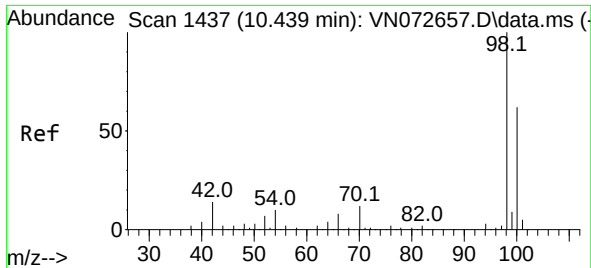
Ion Ratio Lower Upper

95 100

174 61.8 62.9 94.3#

176 59.2 61.0 91.4#





#63
Toluene-d8
Concen: 32.759 ug/l
RT: 10.439 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072790.D
Acq: 11 Jun 2022 15:18

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 278739
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

