

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030322\
 Data File : VX027278.D
 Acq On : 03 Mar 2022 18:16
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 04 02:40:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 04 01:00:22 2022
 Response via : Initial Calibration

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

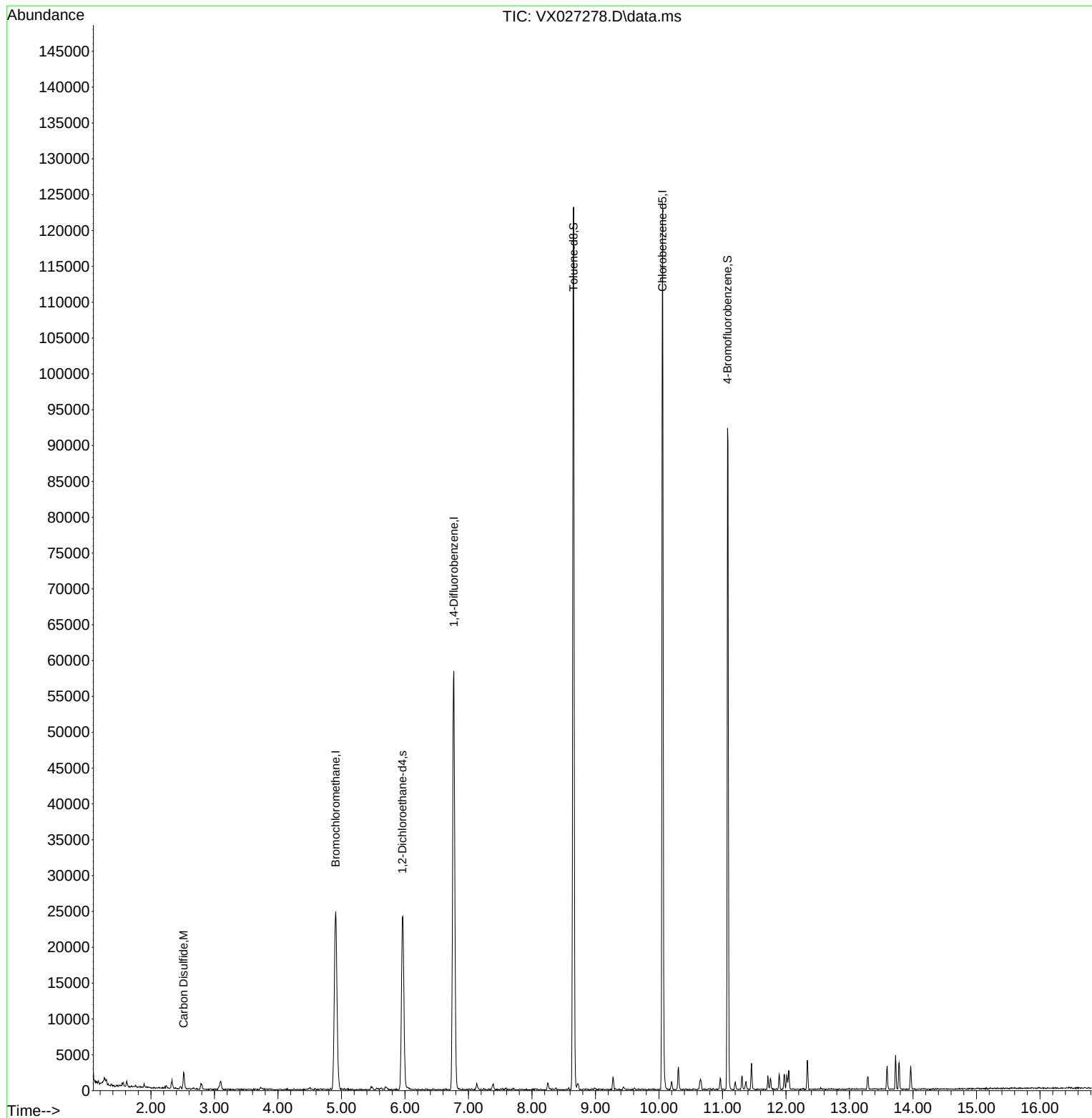
Internal Standards						
1) Bromochloromethane	4.910	128	11520	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	62743	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	56086	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	24450	30.657	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.200%
60) 4-Bromofluorobenzene	11.079	95	25902	28.508	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.033%
63) Toluene-d8	8.653	98	73449	29.956	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
16) Carbon Disulfide	2.514	76	2820	1.610	ug/l #	Qvalue 93

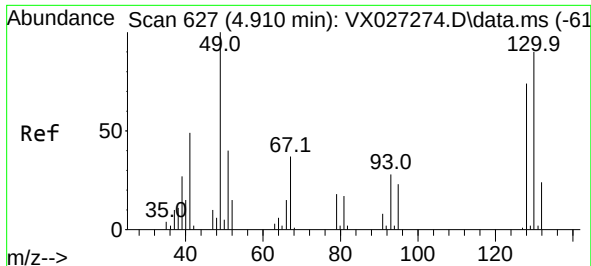
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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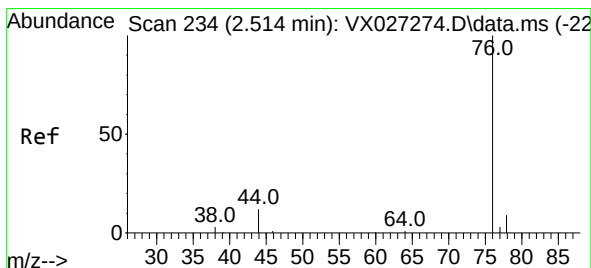
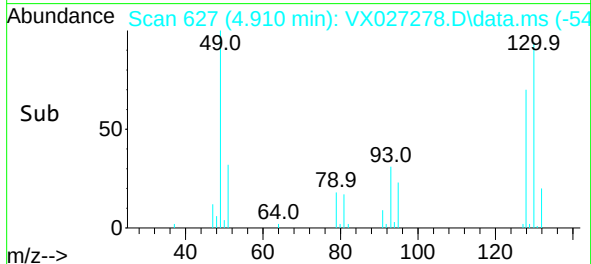
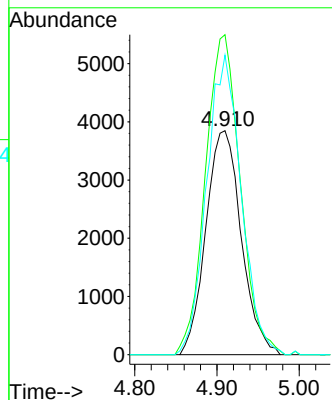
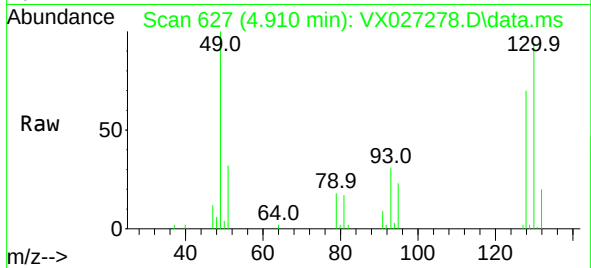




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

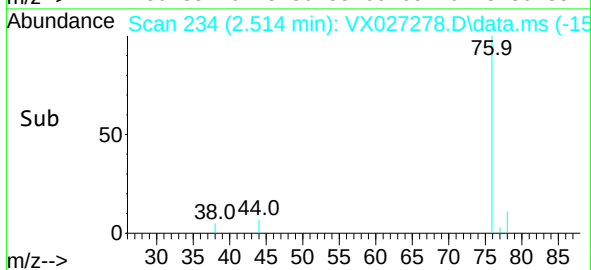
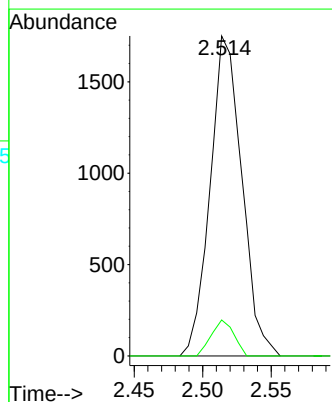
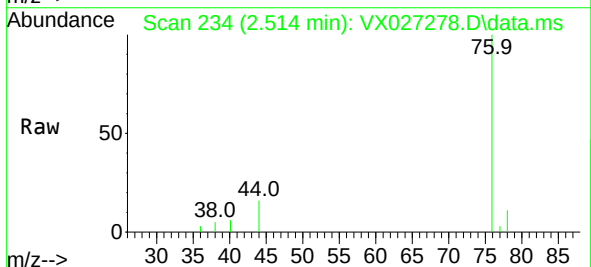
Instrument :
MSVOA_X
ClientSampleId :
IBLK

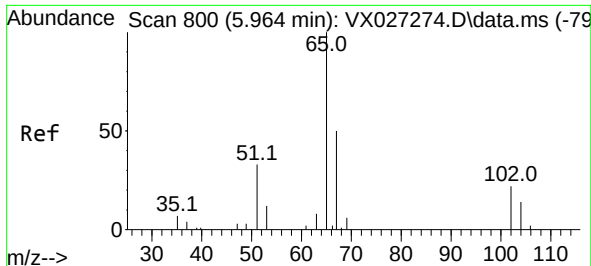
Tgt Ion:128 Resp: 11520
Ion Ratio Lower Upper
128 100
49 140.4 0.0 358.3
130 130.6 0.0 319.3



#16
Carbon Disulfide
Concen: 1.610 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX027278.D
Acq: 03 Mar 2022 18:16

Tgt Ion: 76 Resp: 2820
Ion Ratio Lower Upper
76 100
78 11.3 7.1 10.7#





#27

1,2-Dichloroethane-d4

Concen: 30.657 ug/l

RT: 5.958 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

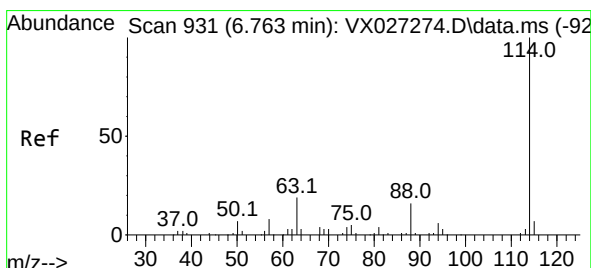
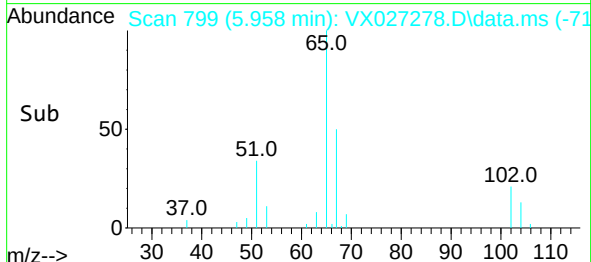
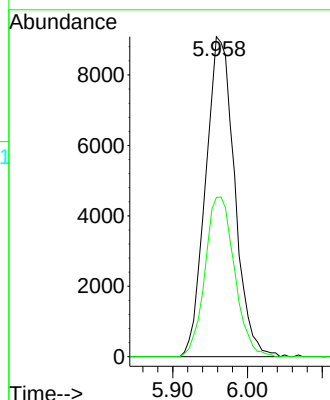
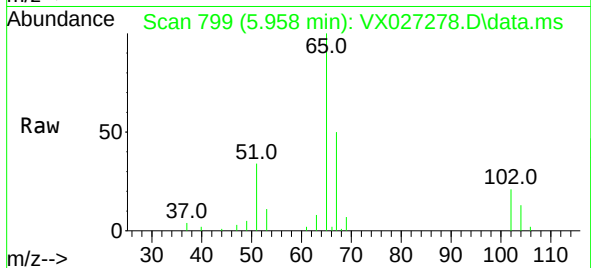
IBLK

Tgt Ion: 65 Resp: 24450

Ion Ratio Lower Upper

65 100

67 50.8 42.3 63.5



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

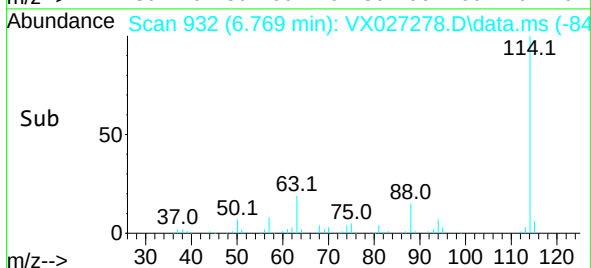
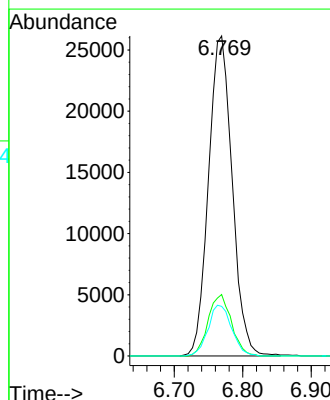
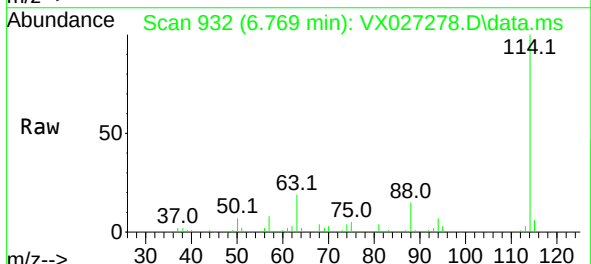
Tgt Ion: 114 Resp: 62743

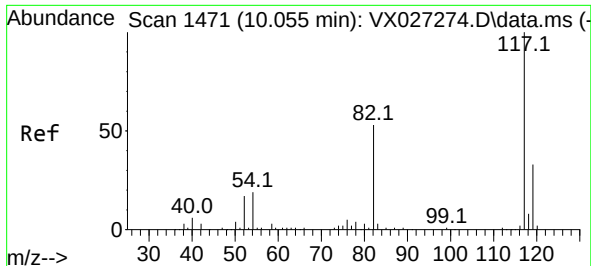
Ion Ratio Lower Upper

114 100

63 18.9 15.3 22.9

88 15.9 12.2 18.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

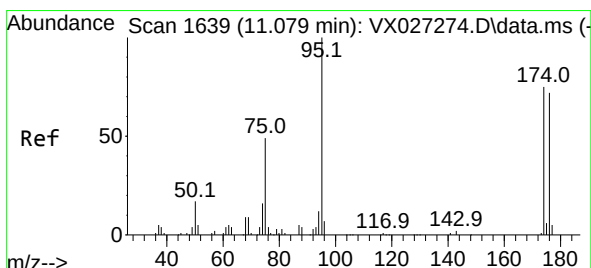
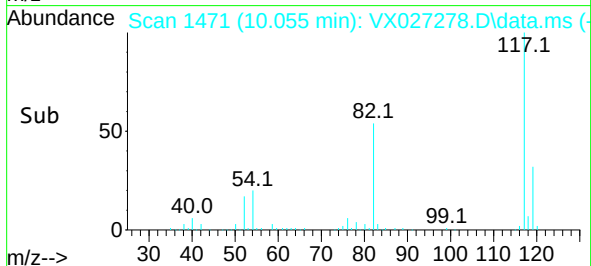
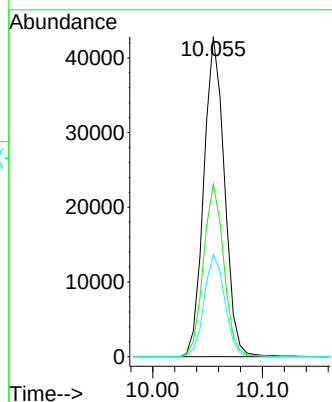
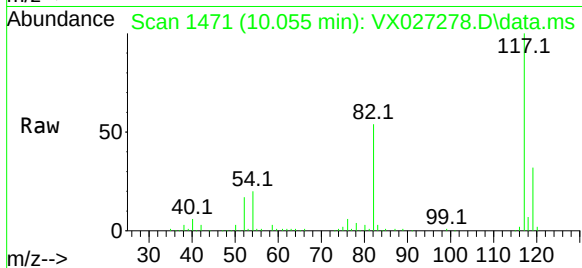
Tgt Ion:117 Resp: 56086

Ion Ratio Lower Upper

117 100

82 53.3 42.3 63.5

119 31.8 26.2 39.2



#60

4-Bromofluorobenzene

Concen: 28.508 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

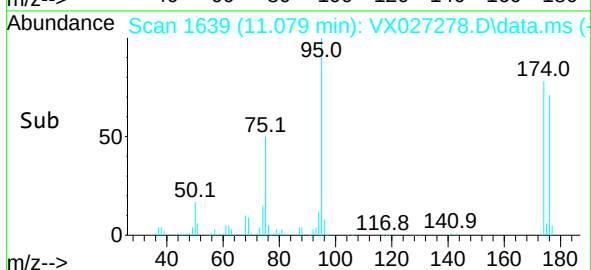
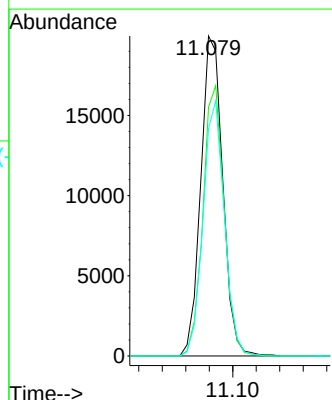
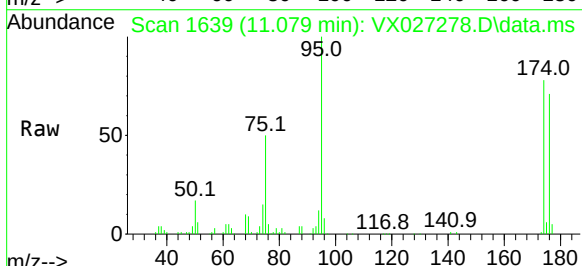
Tgt Ion: 95 Resp: 25902

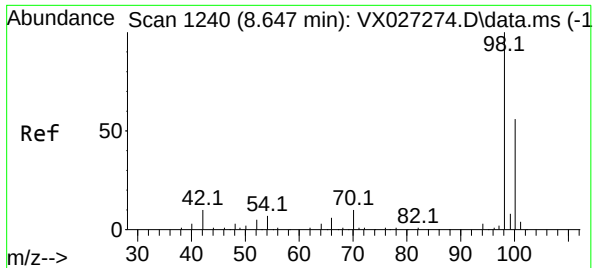
Ion Ratio Lower Upper

95 100

174 81.2 65.4 98.2

176 77.2 63.4 95.0





#63

Toluene-d8

Concen: 29.956 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX027278.D

Acq: 03 Mar 2022 18:16

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 98 Resp: 73449

Ion Ratio Lower Upper

98 100

100 68.3 51.4 77.2

