

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
 Data File : VN071353.D
 Acq On : 17 Mar 2022 15:58
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 18 07:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

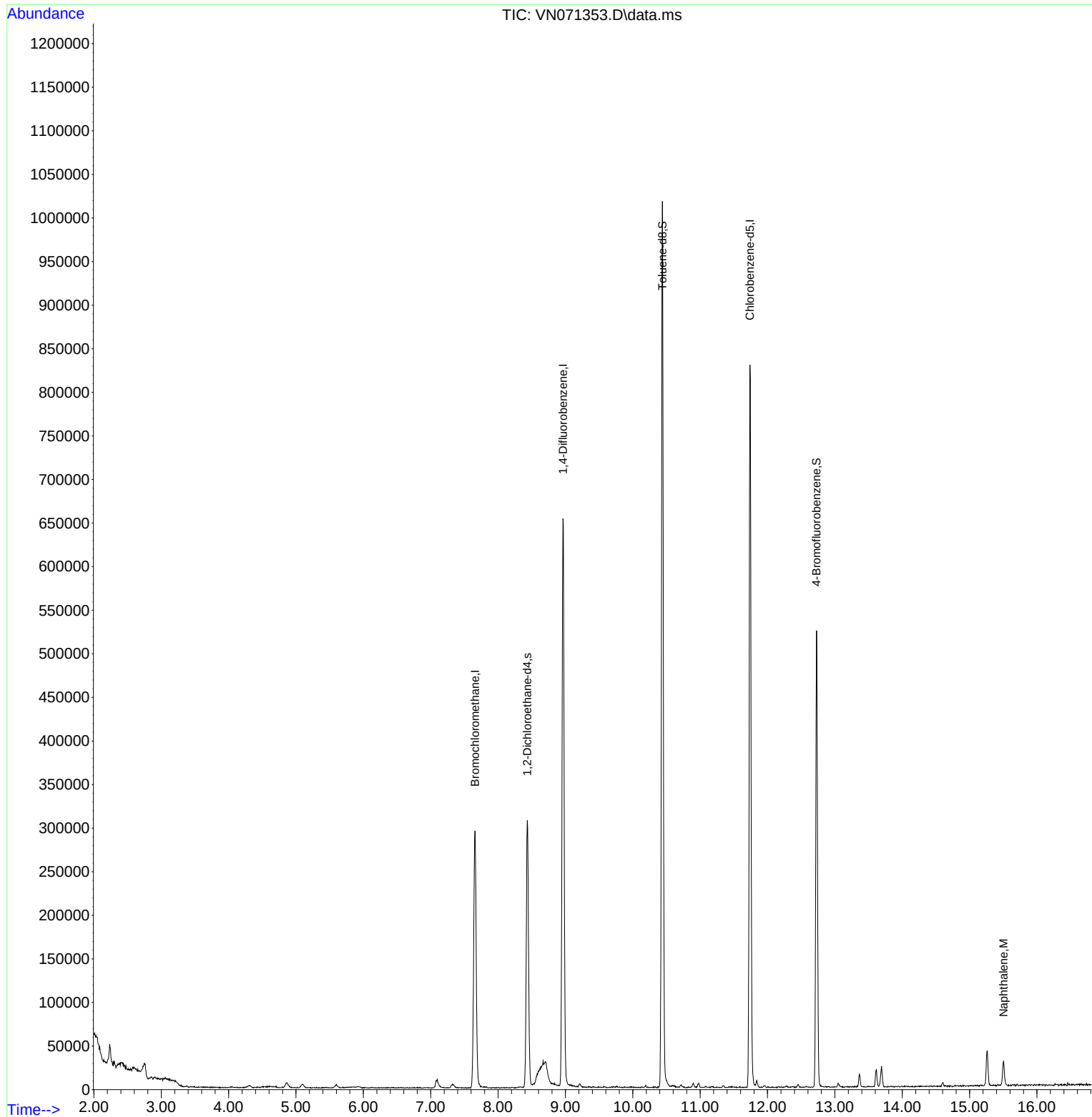
Internal Standards						
1) Bromochloromethane	7.657	128	105970	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	583679	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	489827	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	254855	30.292	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.967%	
60) 4-Bromofluorobenzene	12.727	95	186546	24.651	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 82.167%	
63) Toluene-d8	10.439	98	697938	30.974	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.233%	
Target Compounds						
					Qvalue	
91) Naphthalene	15.504	128	27102	1.708	ug/l	95

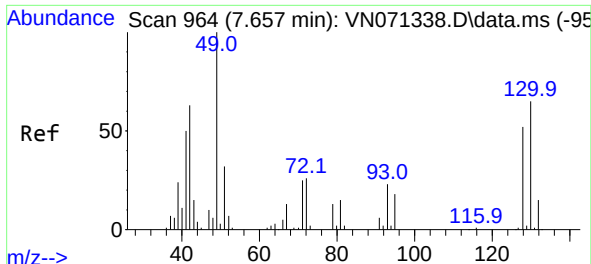
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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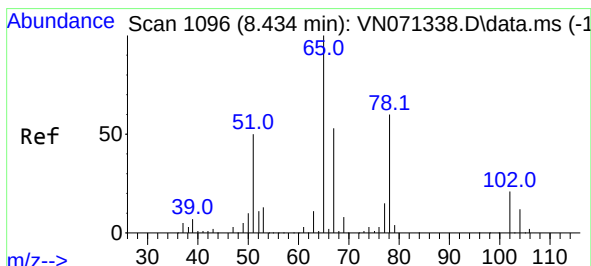
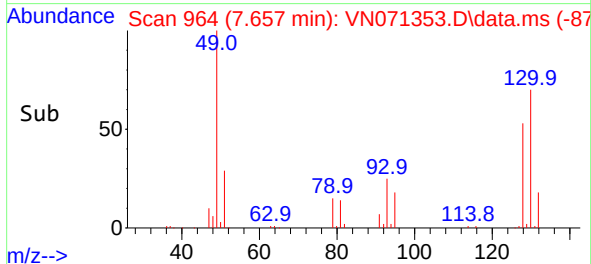
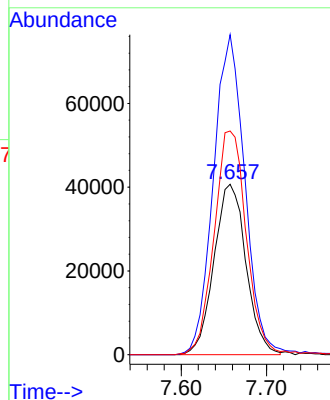
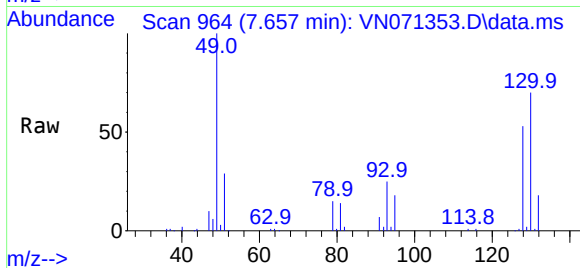




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

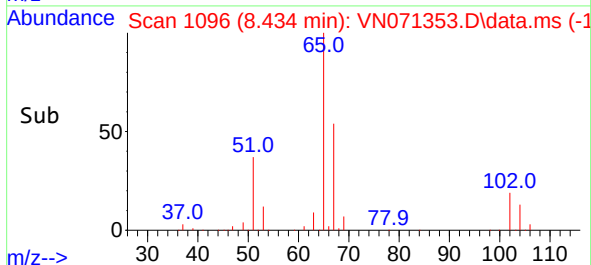
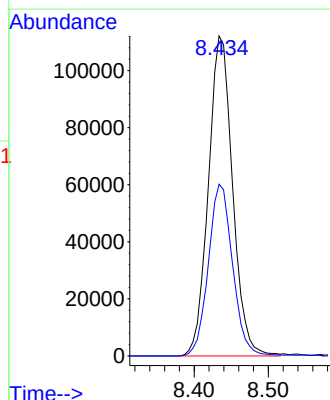
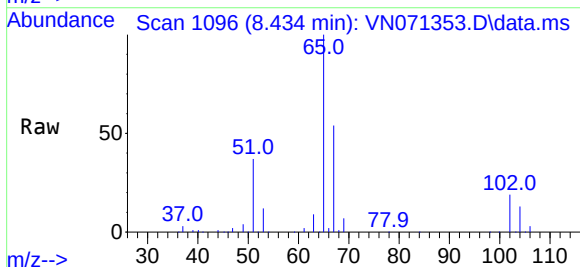
Instrument :
MSVOA_N
ClientSampleId :
IBLK

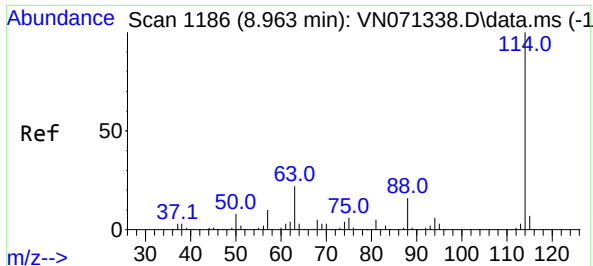
Tgt Ion:128 Resp: 105970
Ion Ratio Lower Upper
128 100
49 184.5 0.0 392.3
130 132.7 0.0 320.2



#27
1,2-Dichloroethane-d4
Concen: 30.292 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

Tgt Ion: 65 Resp: 254855
Ion Ratio Lower Upper
65 100
67 53.7 40.2 60.2

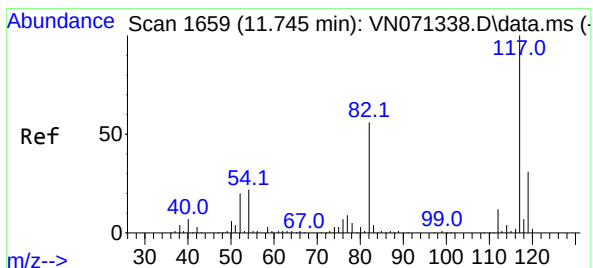
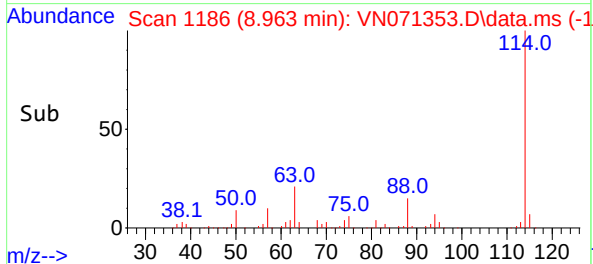
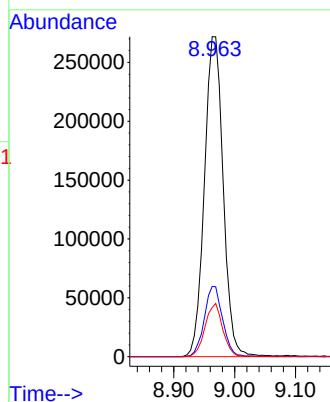
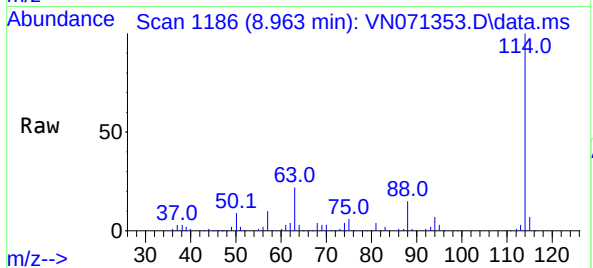




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

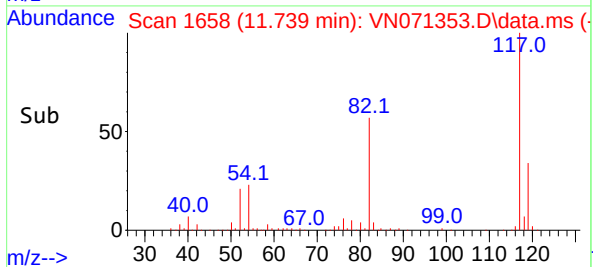
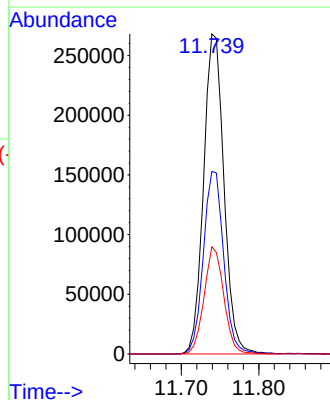
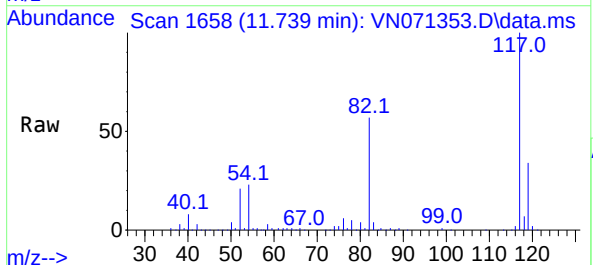
Instrument :
MSVOA_N
ClientSampleId :
IBLK

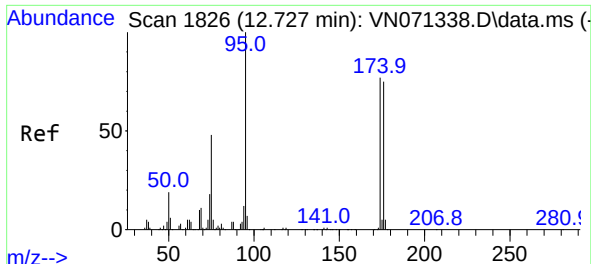
Tgt Ion:114 Resp: 583679
Ion Ratio Lower Upper
114 100
63 21.4 15.8 23.6
88 15.6 11.6 17.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

Tgt Ion:117 Resp: 489827
Ion Ratio Lower Upper
117 100
82 56.8 43.6 65.4
119 32.3 25.8 38.6

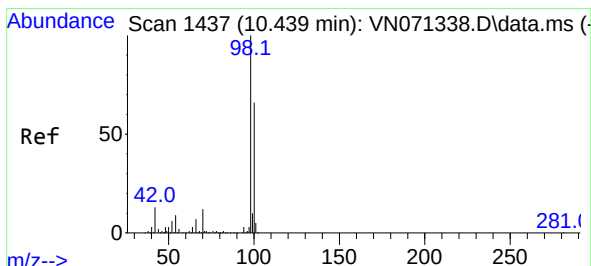
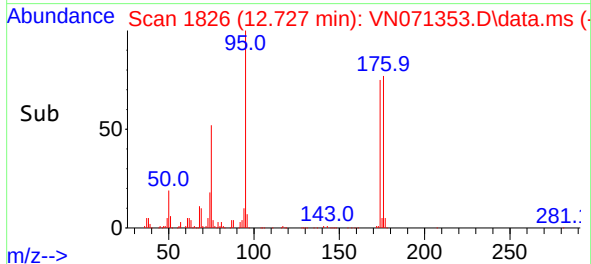
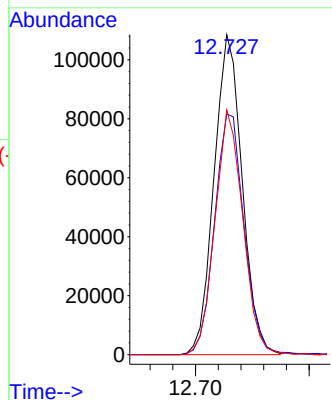
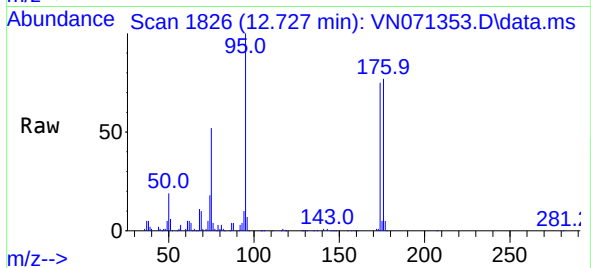




#60
4-Bromofluorobenzene
Concen: 24.651 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

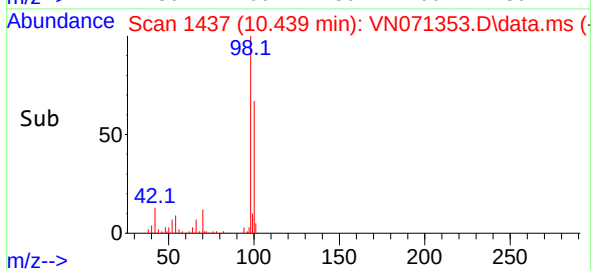
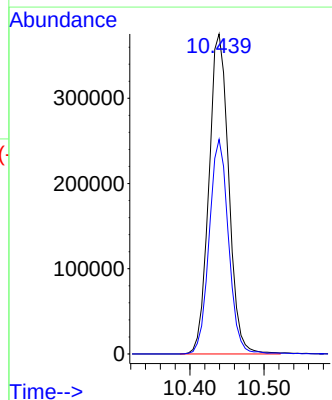
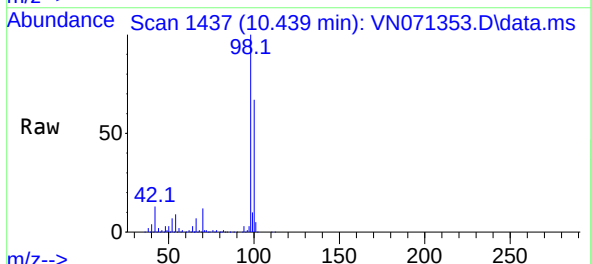
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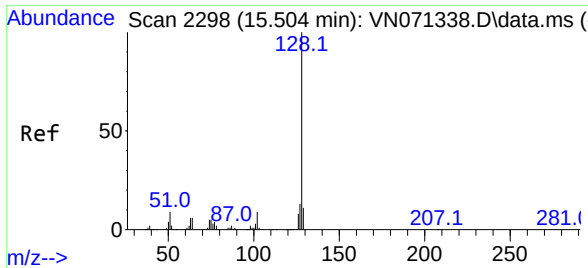
Tgt Ion: 95 Resp: 186546
Ion Ratio Lower Upper
95 100
174 78.9 62.9 94.3
176 75.8 61.0 91.4



#63
Toluene-d8
Concen: 30.974 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

Tgt Ion: 98 Resp: 697938
Ion Ratio Lower Upper
98 100
100 65.1 50.6 76.0





#91
Naphthalene
Concen: 1.708 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071353.D
Acq: 17 Mar 2022 15:58

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	27102
Ion	Ratio	Lower	Upper
128	100		
127	10.9	10.7	16.1
129	12.8	9.0	13.6

