

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080923\
 Data File : VN078818.D
 Acq On : 09 Aug 2023 14:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 10 05:29:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N080823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 09 05:05:47 2023
 Response via : Initial Calibration

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

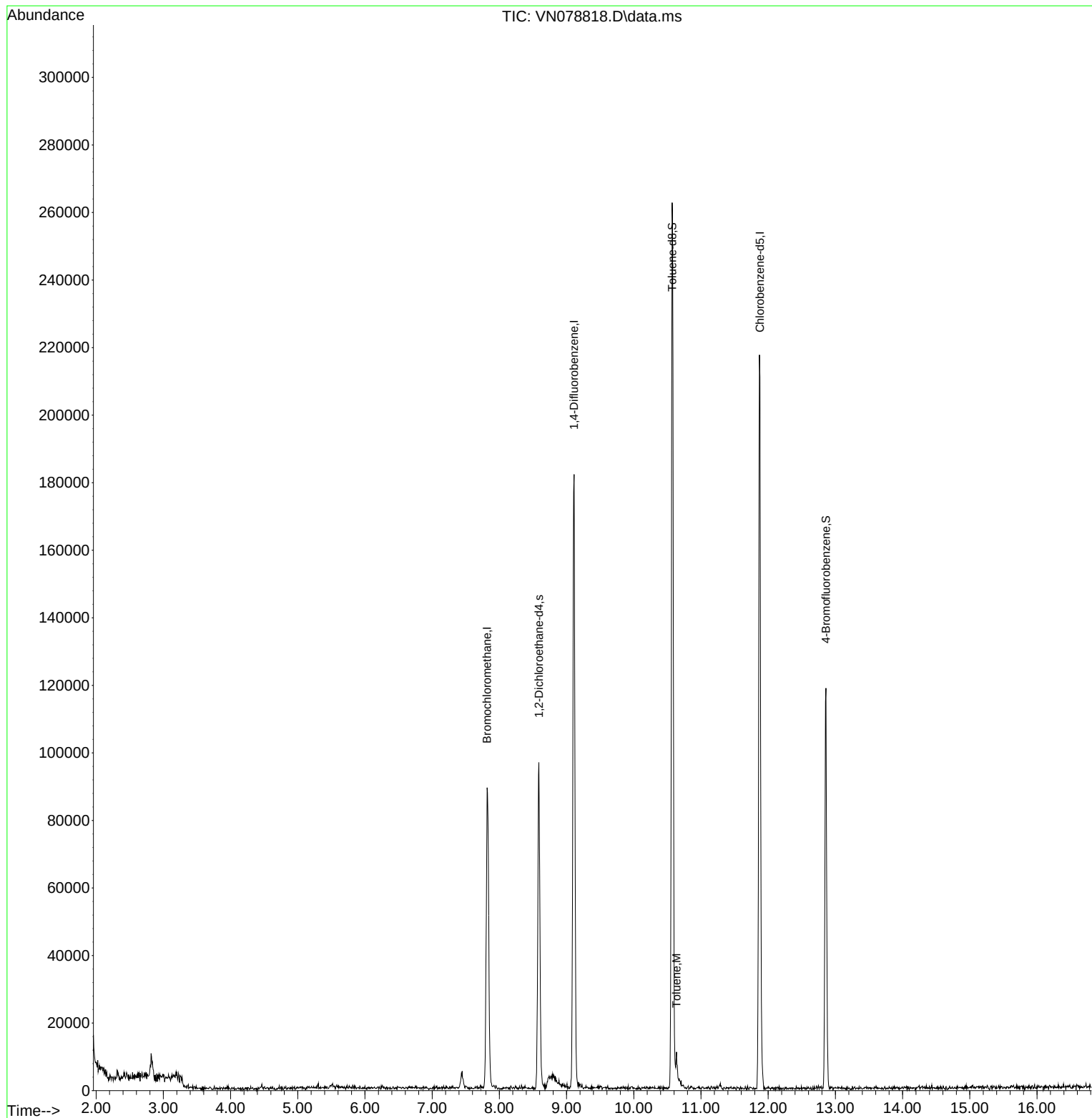
Internal Standards						
1) Bromochloromethane	7.818	128	30497	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.112	114	149627	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.876	117	127648	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	71470	29.109	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.033%
60) 4-Bromofluorobenzene	12.859	95	38569	21.526	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	71.767%
63) Toluene-d8	10.570	98	179122	28.636	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.467%
Target Compounds						
62) Toluene	10.635	91	3888	0.517	ug/l	# 78

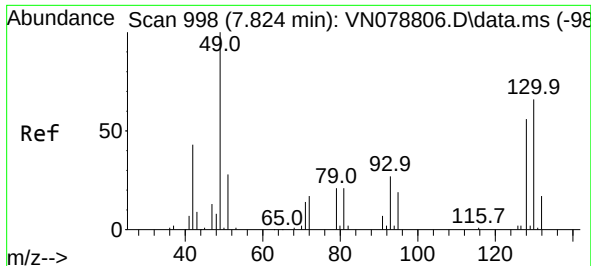
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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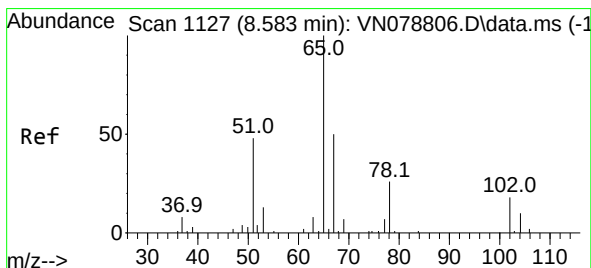
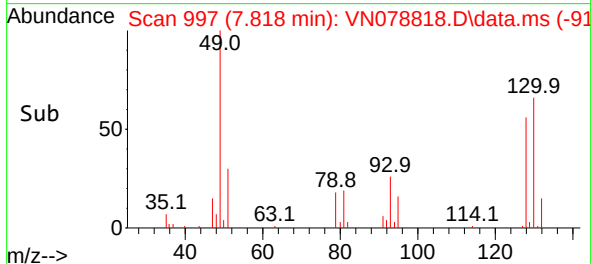
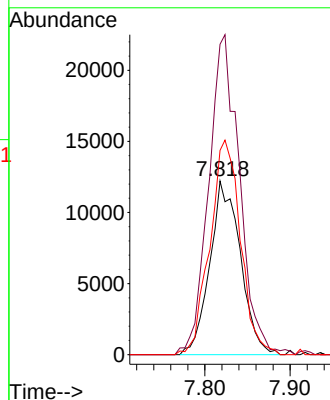
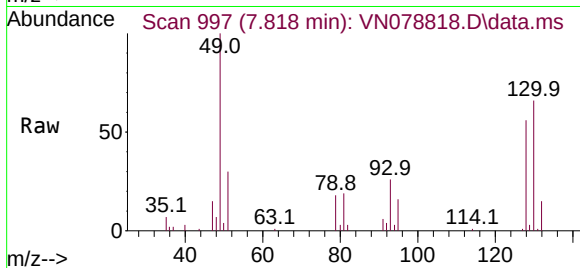




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

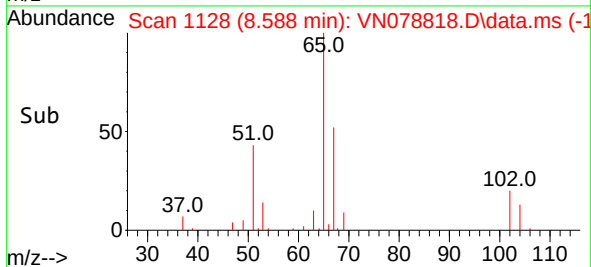
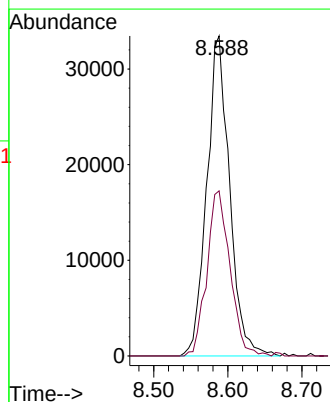
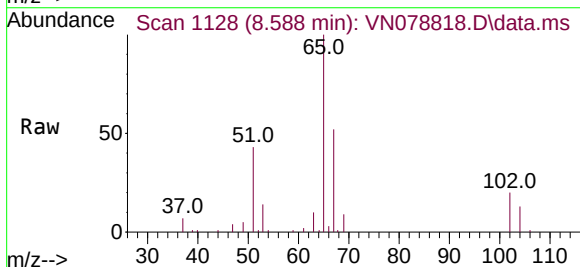
Instrument :
MSVOA_N
ClientSampleId :
IBLK

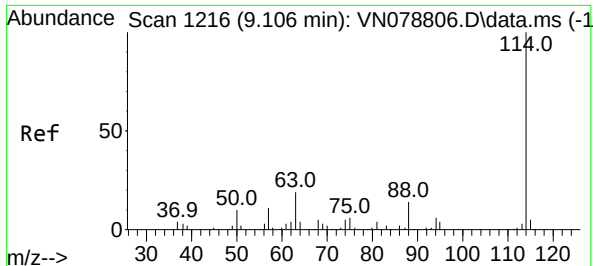
Tgt Ion:128 Resp: 30497
Ion Ratio Lower Upper
128 100
49 183.9 0.0 370.8
130 123.8 0.0 307.0



#27
1,2-Dichloroethane-d4
Concen: 29.109 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

Tgt Ion: 65 Resp: 71470
Ion Ratio Lower Upper
65 100
67 52.1 42.9 64.3

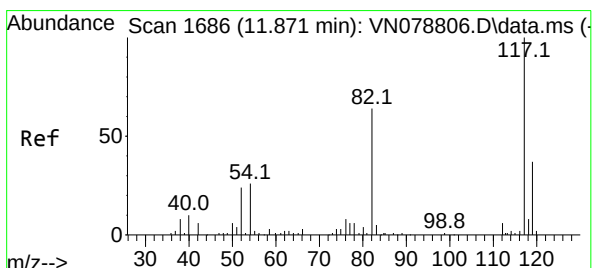
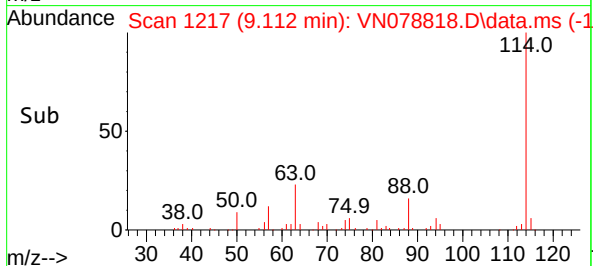
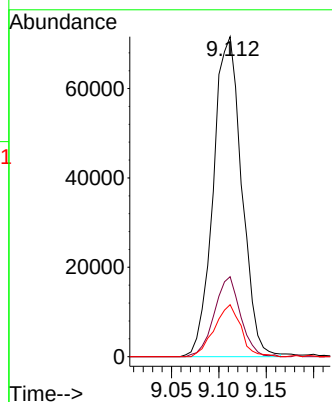
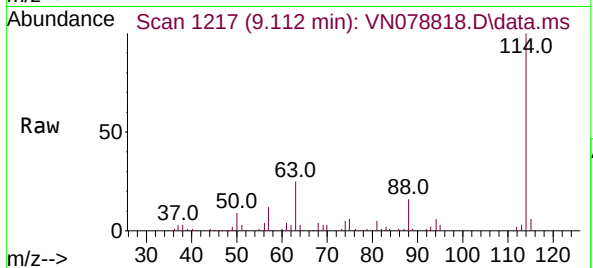




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

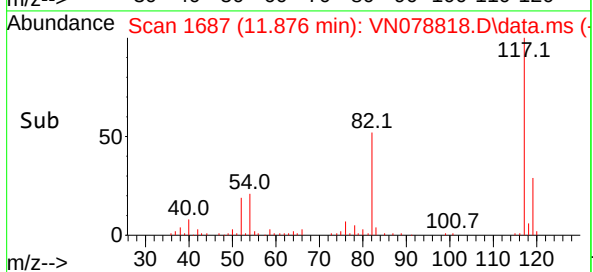
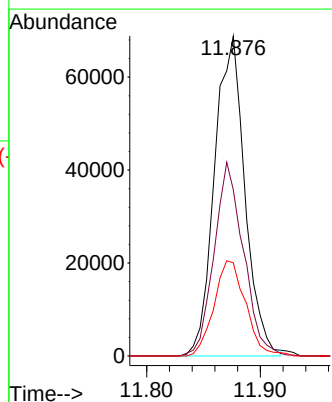
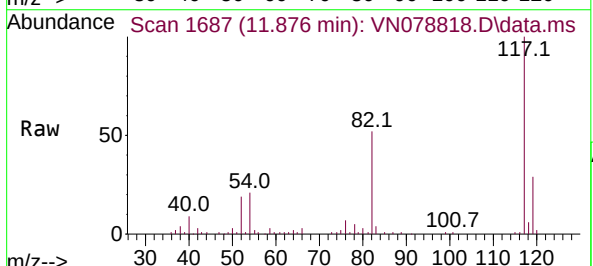
Instrument :
MSVOA_N
ClientSampleId :
IBLK

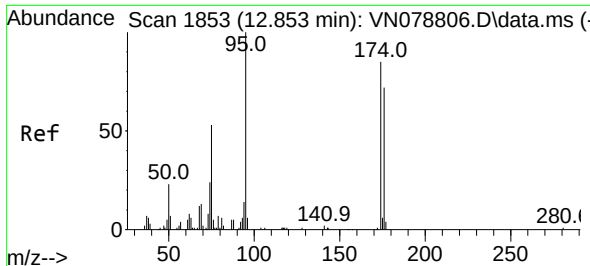
Tgt Ion:114 Resp: 149627
Ion Ratio Lower Upper
114 100
63 22.9 15.2 22.8#
88 15.2 12.5 18.7



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.876 min Scan# 1687
Delta R.T. 0.006 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

Tgt Ion:117 Resp: 127648
Ion Ratio Lower Upper
117 100
82 58.6 43.9 65.9
119 31.0 26.2 39.4

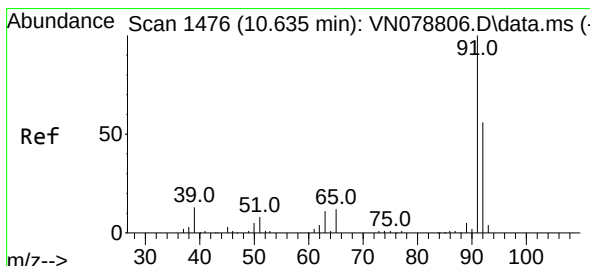
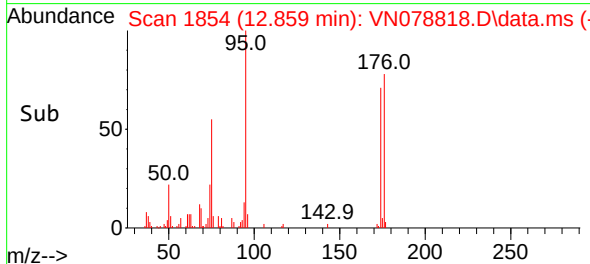
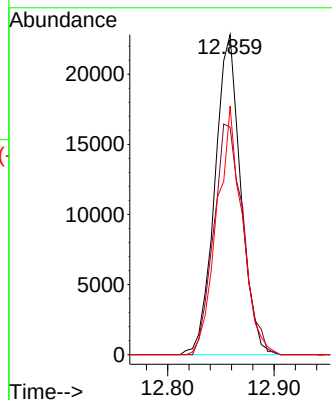
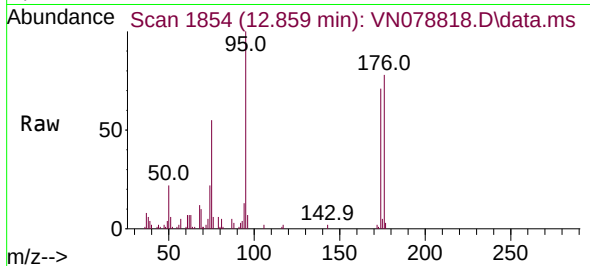




#60
4-Bromofluorobenzene
Concen: 21.526 ug/l
RT: 12.859 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

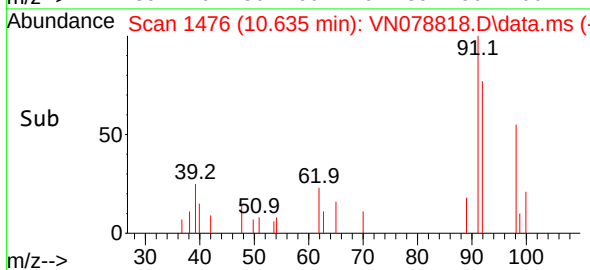
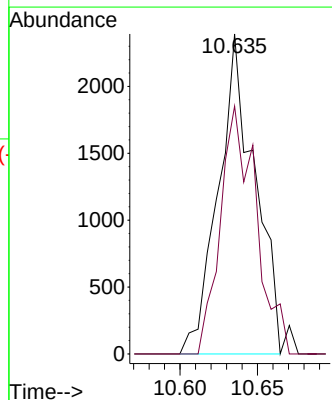
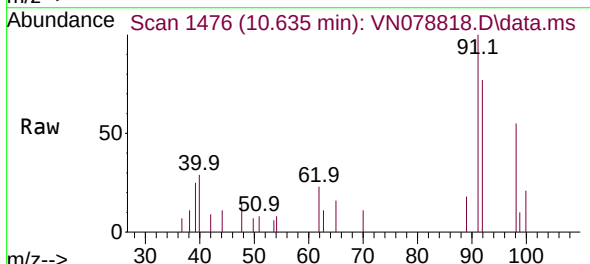
Instrument :
MSVOA_N
ClientSampleId :
IBLK

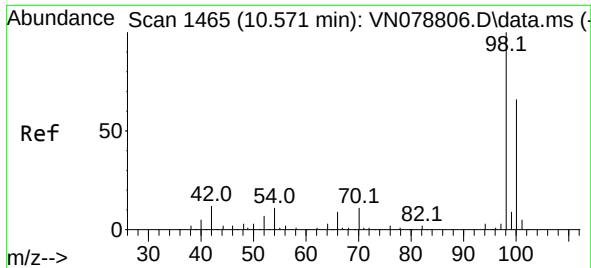
Tgt Ion: 95 Resp: 38569
Ion Ratio Lower Upper
95 100
174 81.6 61.7 92.5
176 76.0 58.1 87.1



#62
Toluene
Concen: 0.517 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078818.D
Acq: 09 Aug 2023 14:19

Tgt Ion: 91 Resp: 3888
Ion Ratio Lower Upper
91 100
92 72.8 45.2 67.8#





#63
 Toluene-d8
 Concen: 28.636 ug/l
 RT: 10.570 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VN078818.D
 Acq: 09 Aug 2023 14:19

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 98 Resp: 179122
 Ion Ratio Lower Upper
 98 100
 100 66.7 49.7 74.5

