

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080005.D
 Acq On : 08 Nov 2023 21:08
 Operator : JC\MD
 Sample : 05231-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Nov 09 04:29:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

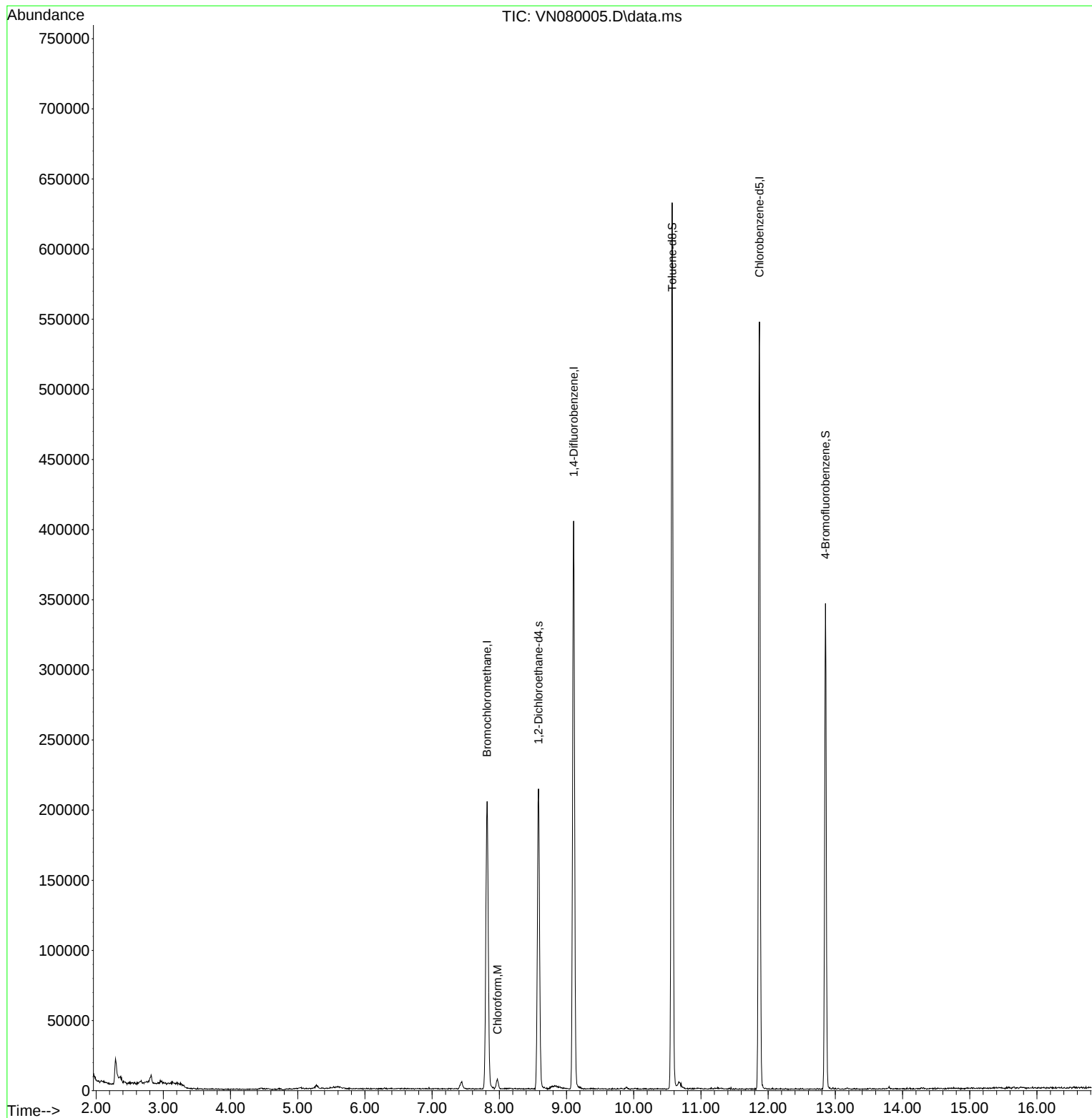
Internal Standards						
1) Bromochloromethane	7.818	128	71904	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	334341	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	313666	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	178332	29.546	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.500%
60) 4-Bromofluorobenzene	12.853	95	121085	24.140	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.467%
63) Toluene-d8	10.571	98	426174	28.675	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.600%
Target Compounds						
25) Chloroform	7.971	83	6478	0.695	ug/l	Qvalue # 72

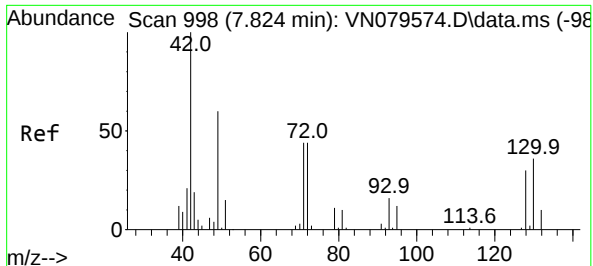
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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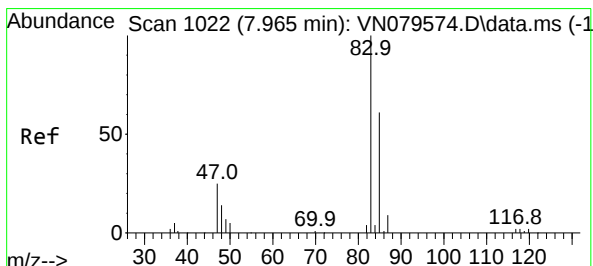
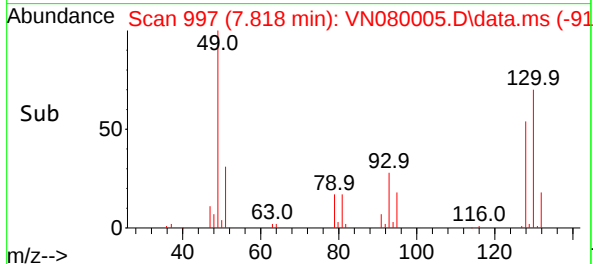
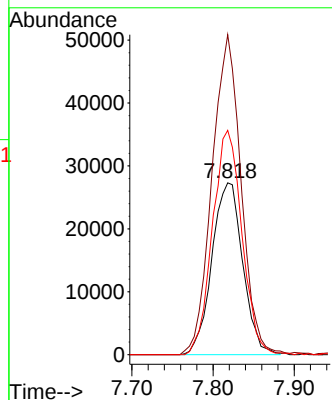
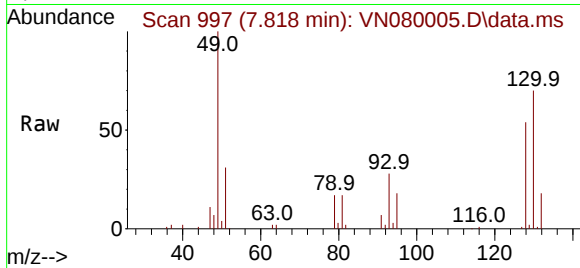




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN080005.D
Acq: 08 Nov 2023 21:08

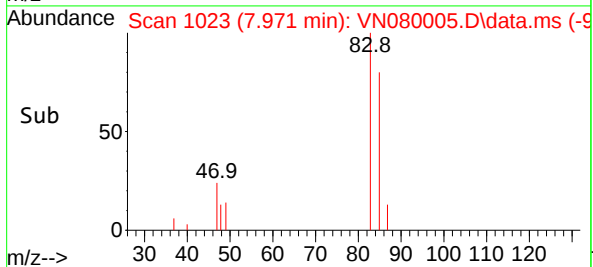
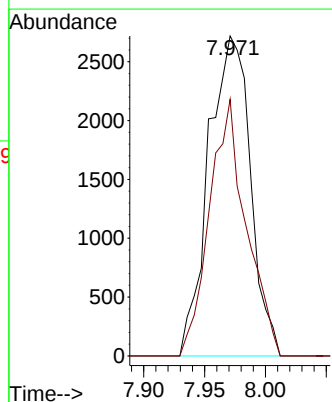
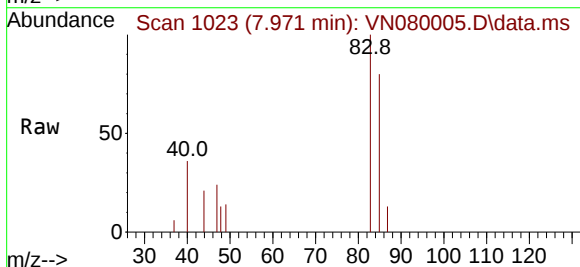
Instrument :
MSVOA_N
ClientSampleId :
14B-2

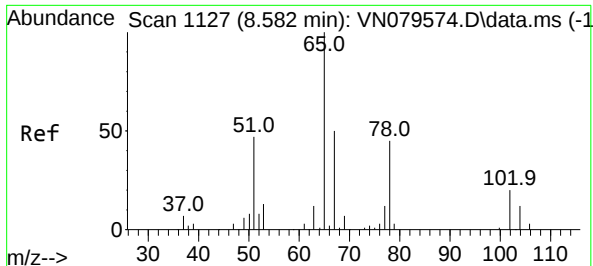
Tgt Ion:128 Resp: 71904
Ion Ratio Lower Upper
128 100
49 175.8 0.0 468.5
130 124.9 0.0 320.7



#25
Chloroform
Concen: 0.695 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080005.D
Acq: 08 Nov 2023 21:08

Tgt Ion: 83 Resp: 6478
Ion Ratio Lower Upper
83 100
85 80.2 47.4 71.2#





#27

1,2-Dichloroethane-d4

Concen: 29.546 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN080005.D

Acq: 08 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

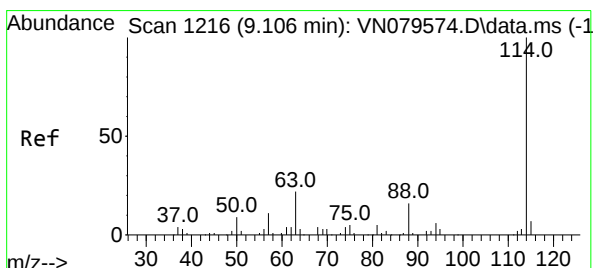
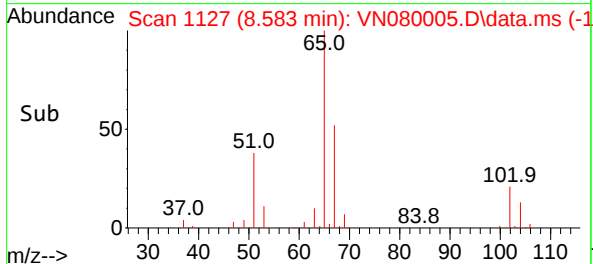
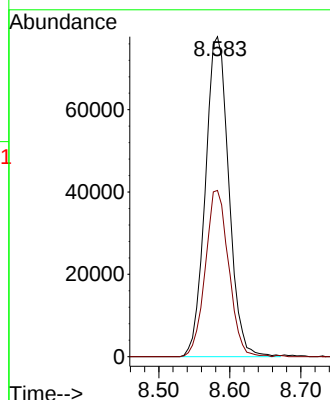
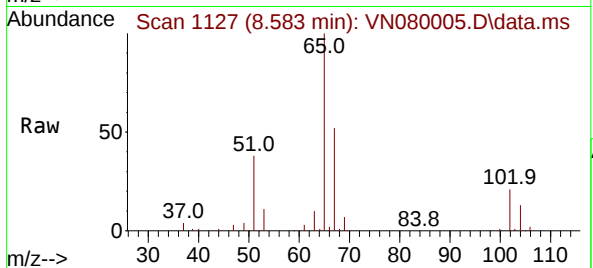
14B-2

Tgt Ion: 65 Resp: 178332

Ion Ratio Lower Upper

65 100

67 51.7 42.1 63.1



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN080005.D

Acq: 08 Nov 2023 21:08

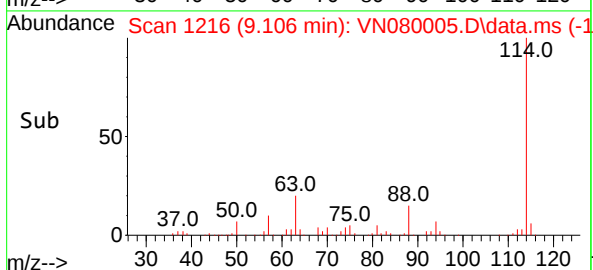
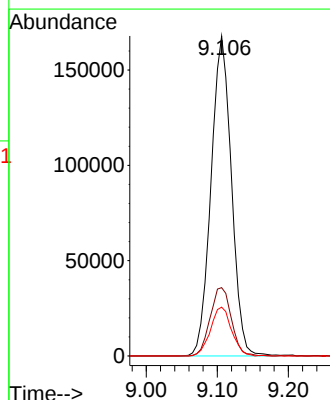
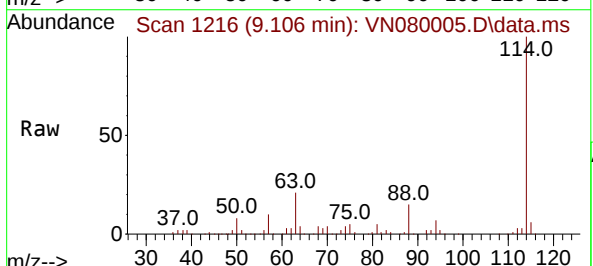
Tgt Ion: 114 Resp: 334341

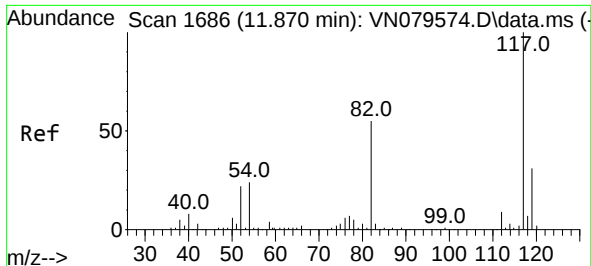
Ion Ratio Lower Upper

114 100

63 22.1 18.1 27.1

88 15.8 12.2 18.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN080005.D

Acq: 08 Nov 2023 21:08

Instrument :

MSVOA_N

ClientSampleId :

14B-2

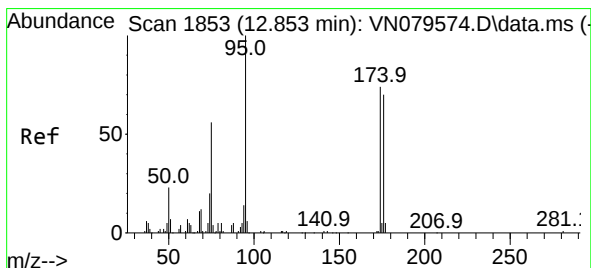
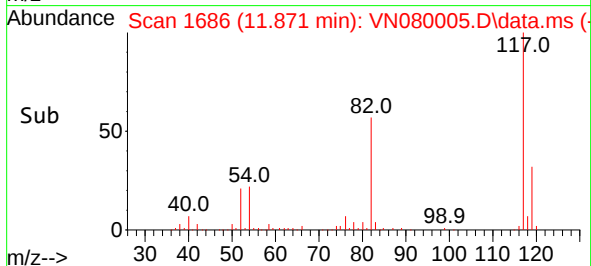
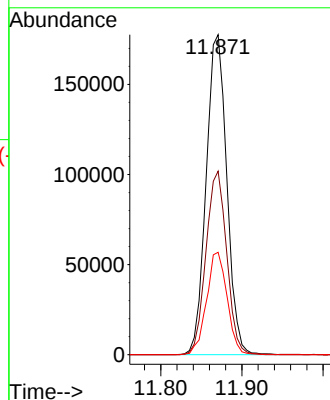
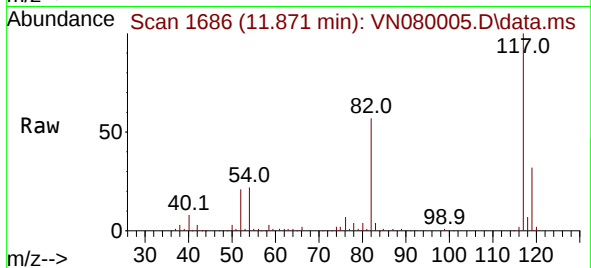
Tgt Ion:117 Resp: 313666

Ion Ratio Lower Upper

117 100

82 57.7 46.2 69.2

119 31.9 25.2 37.8



#60

4-Bromofluorobenzene

Concen: 24.140 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN080005.D

Acq: 08 Nov 2023 21:08

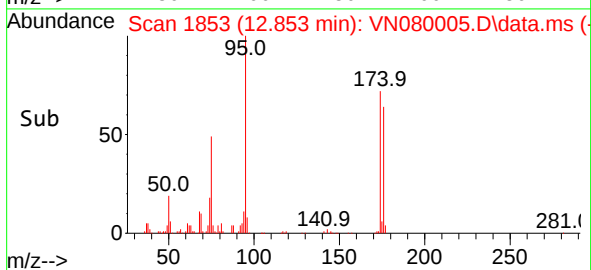
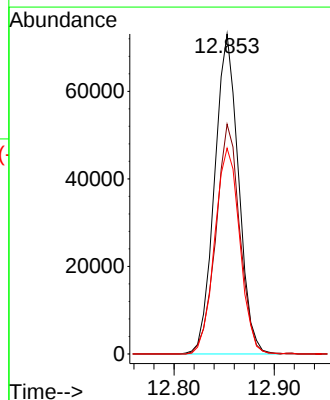
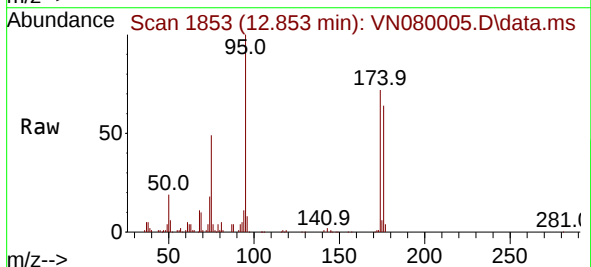
Tgt Ion: 95 Resp: 121085

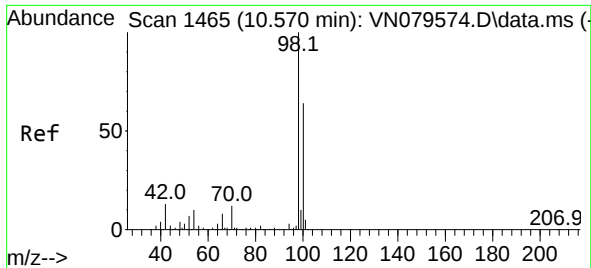
Ion Ratio Lower Upper

95 100

174 71.8 60.5 90.7

176 67.3 57.2 85.8





#63
 Toluene-d8
 Concen: 28.675 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN080005.D
 Acq: 08 Nov 2023 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Tgt Ion: 98 Resp: 426174
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.6 77.4

