

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076737.D
 Acq On : 17 Feb 2023 16:16
 Operator : JC\MD
 Sample : 01547-03RE 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3RE

Quant Time: Feb 18 02:10:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

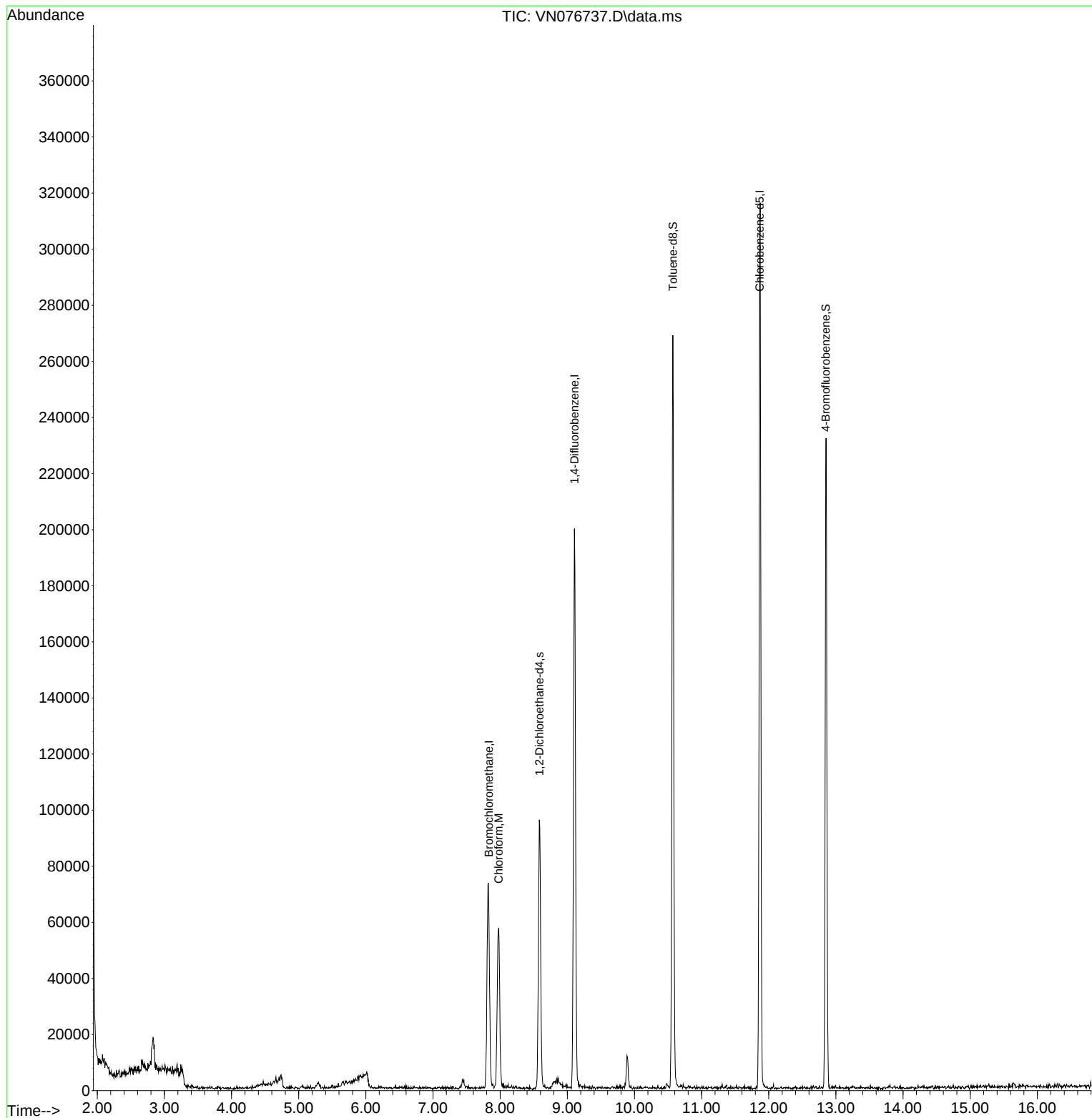
Internal Standards						
1) Bromochloromethane	7.830	128	23599	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	9.107	114	161446	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	175158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	76253	35.329	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	117.767%#
60) 4-Bromofluorobenzene	12.848	95	71893	23.205	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.367%
63) Toluene-d8	10.572	98	175106	28.541	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.133%
Target Compounds						
25) Chloroform	7.978	83	55418	10.960	ug/l	Qvalue 92

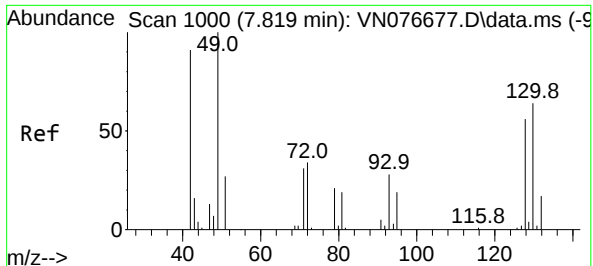
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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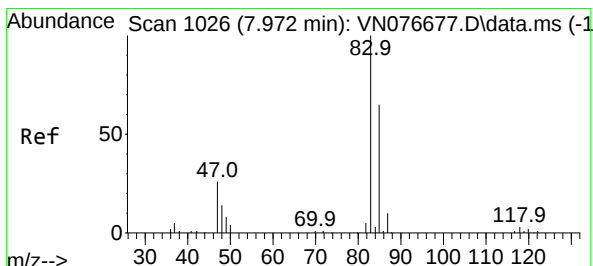
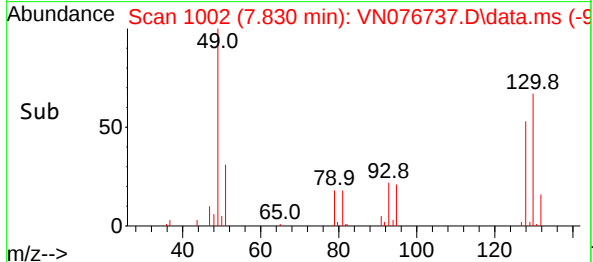
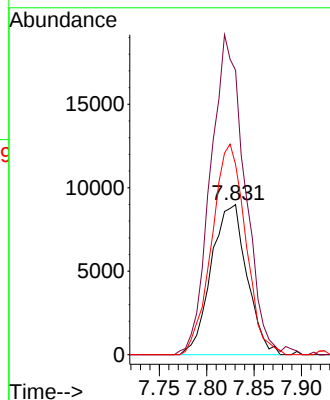
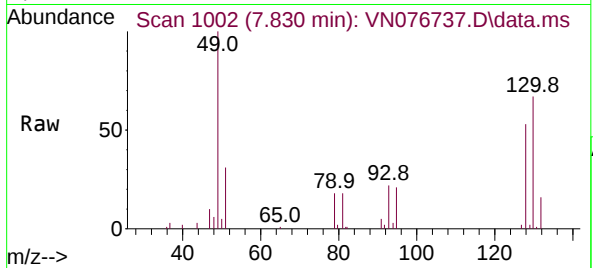




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.830 min Scan# 10
Delta R.T. 0.011 min
Lab File: VN076737.D
Acq: 17 Feb 2023 16:16

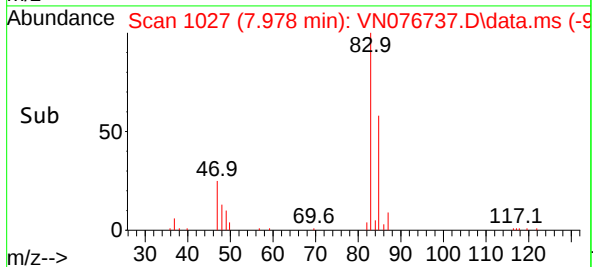
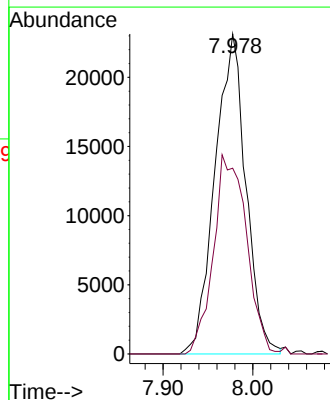
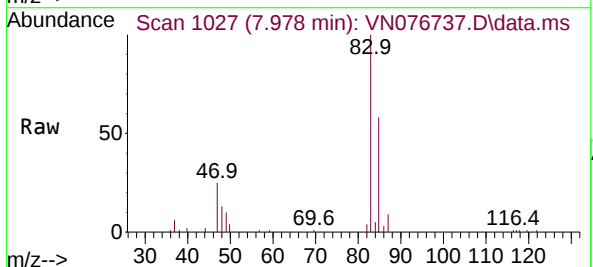
Instrument :
MSVOA_N
ClientSampleId :
14B-3RE

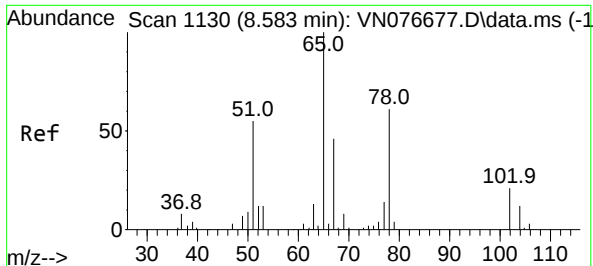
Tgt Ion:128 Resp: 23599
Ion Ratio Lower Upper
128 100
49 203.7 0.0 461.8
130 133.1 0.0 295.3



#25
Chloroform
Concen: 10.960 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN076737.D
Acq: 17 Feb 2023 16:16

Tgt Ion: 83 Resp: 55418
Ion Ratio Lower Upper
83 100
85 58.1 51.8 77.6





#27

1,2-Dichloroethane-d4

Concen: 35.329 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076737.D

Acq: 17 Feb 2023 16:16

Instrument :

MSVOA_N

ClientSampleId :

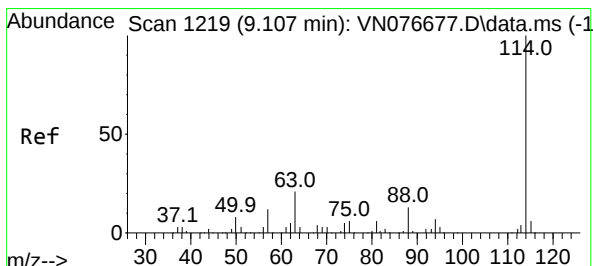
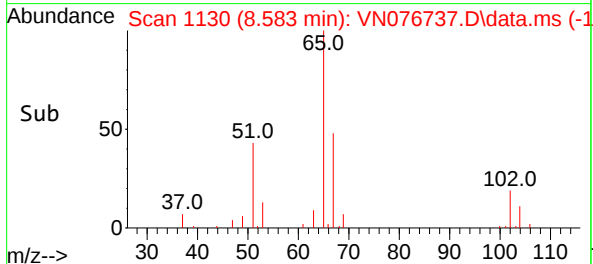
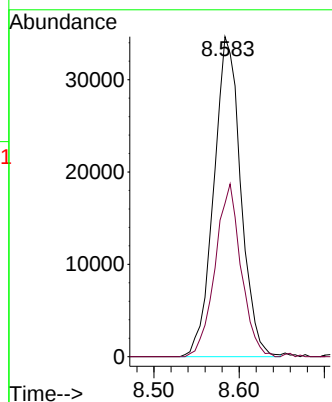
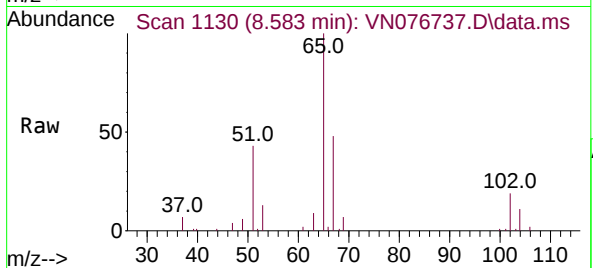
14B-3RE

Tgt Ion: 65 Resp: 76253

Ion Ratio Lower Upper

65 100

67 51.8 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076737.D

Acq: 17 Feb 2023 16:16

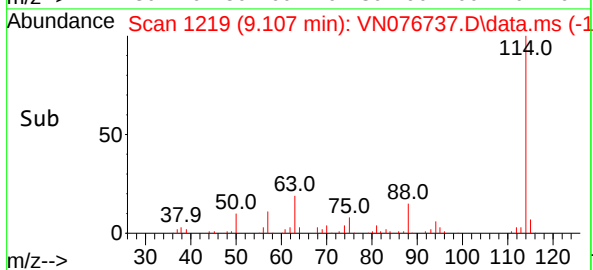
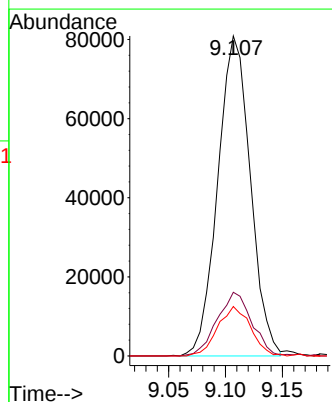
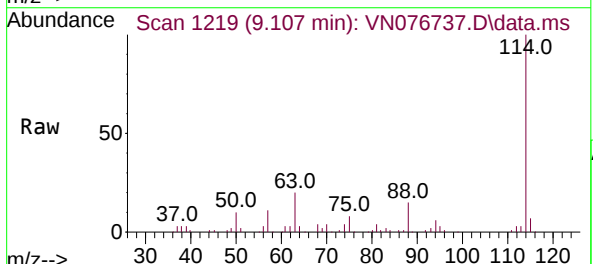
Tgt Ion: 114 Resp: 161446

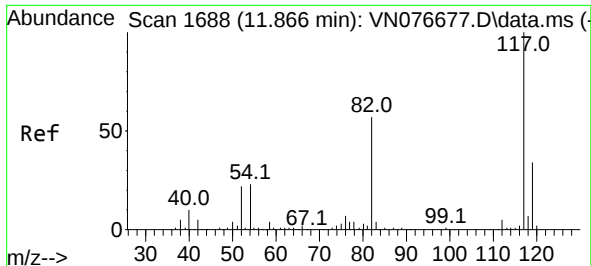
Ion Ratio Lower Upper

114 100

63 21.1 17.0 25.4

88 15.6 11.6 17.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076737.D

Acq: 17 Feb 2023 16:16

Instrument :

MSVOA_N

ClientSampleId :

14B-3RE

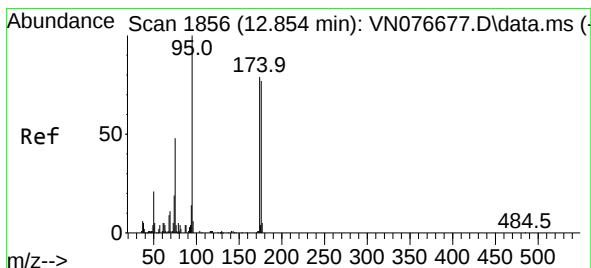
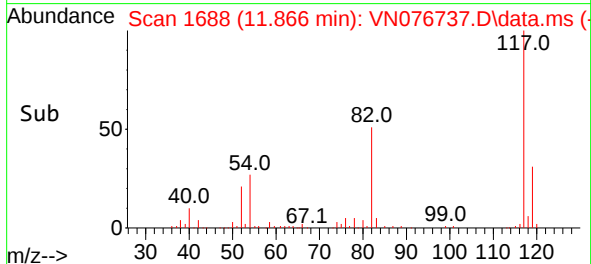
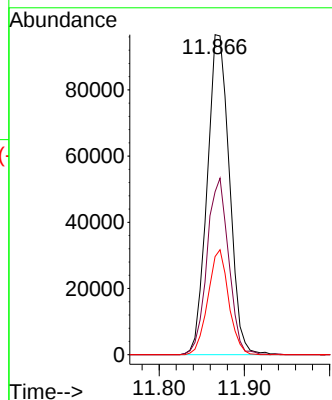
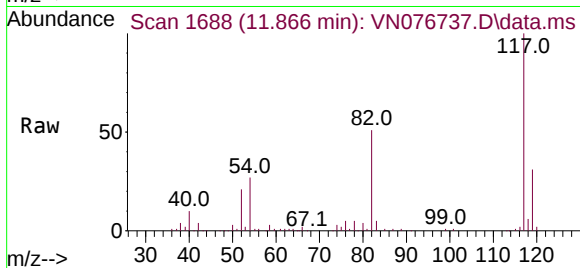
Tgt Ion:117 Resp: 175158

Ion Ratio Lower Upper

117 100

82 53.3 45.4 68.0

119 30.6 26.8 40.2



#60

4-Bromofluorobenzene

Concen: 23.205 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.006 min

Lab File: VN076737.D

Acq: 17 Feb 2023 16:16

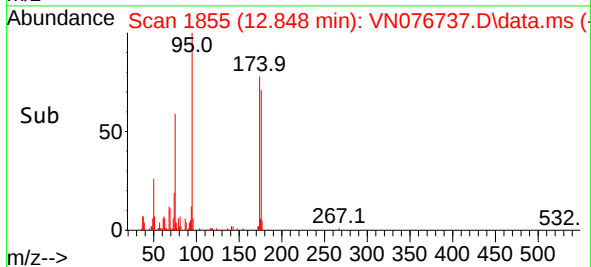
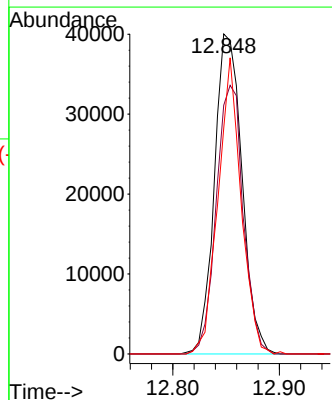
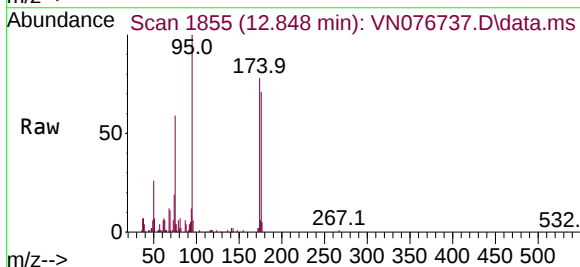
Tgt Ion: 95 Resp: 71893

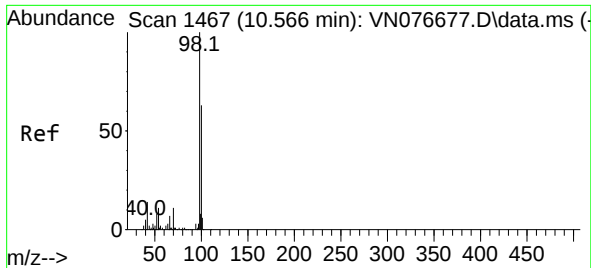
Ion Ratio Lower Upper

95 100

174 82.4 64.2 96.4

176 77.7 61.4 92.0





#63
Toluene-d8
Concen: 28.541 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076737.D
Acq: 17 Feb 2023 16:16

Instrument :
MSVOA_N
ClientSampleId :
14B-3RE

Tgt Ion: 98 Resp: 175106
Ion Ratio Lower Upper
98 100
100 66.1 53.8 80.6

