

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041885.D
 Acq On : 14 Jun 2024 18:11
 Operator : JC/MD
 Sample : P2896-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240612002-09-TB

Quant Time: Jun 15 04:14:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

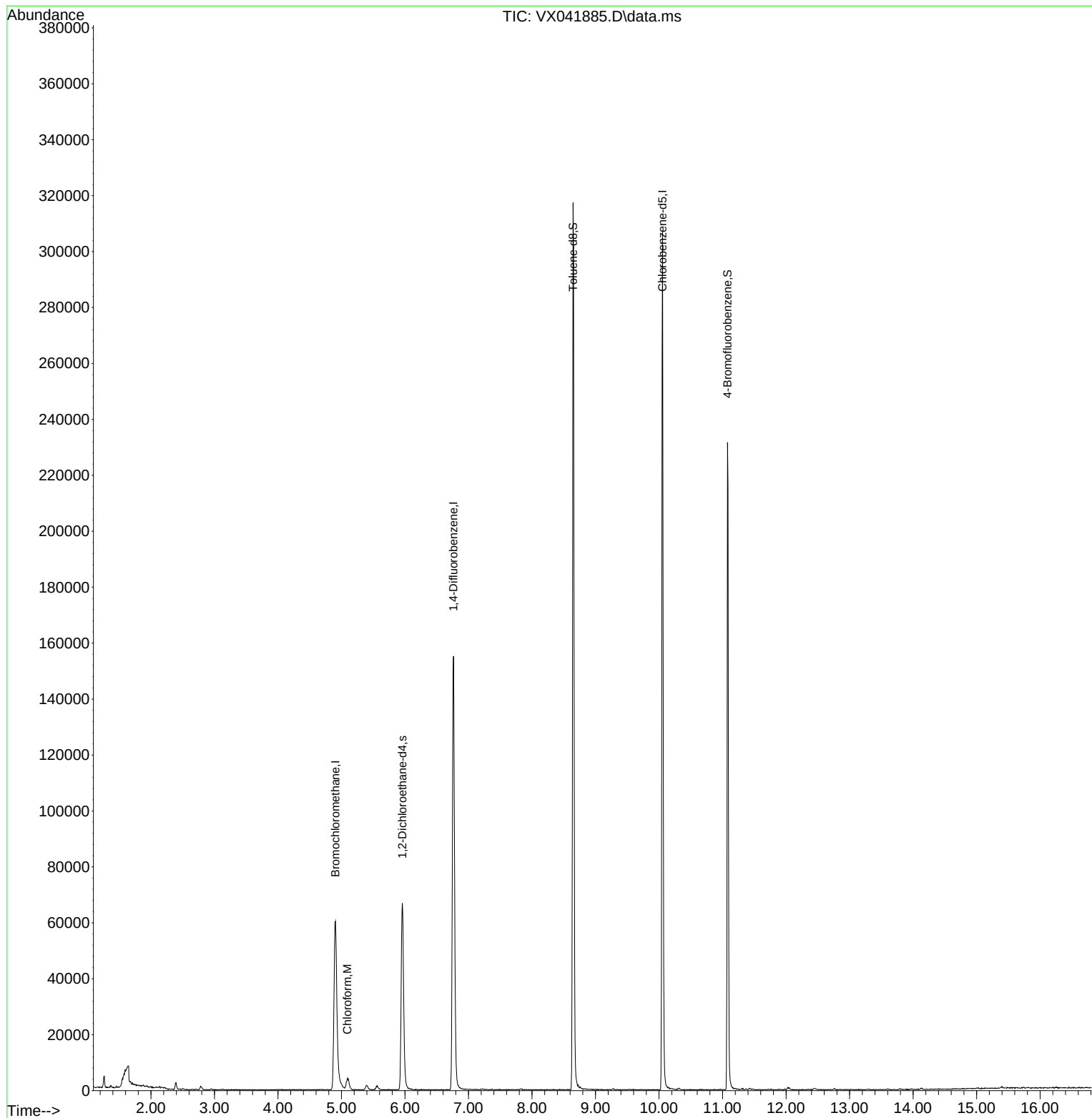
Internal Standards						
1) Bromochloromethane	4.904	128	31540	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	173239	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155712	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64323	29.626	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.767%
60) 4-Bromofluorobenzene	11.079	95	63430	26.316	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.733%
63) Toluene-d8	8.647	98	198636	29.817	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.400%
Target Compounds						
25) Chloroform	5.093	83	5495	1.573	ug/l	Qvalue 95

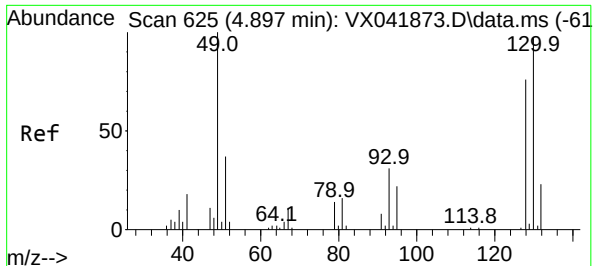
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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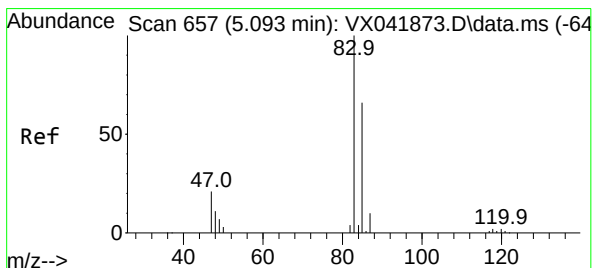
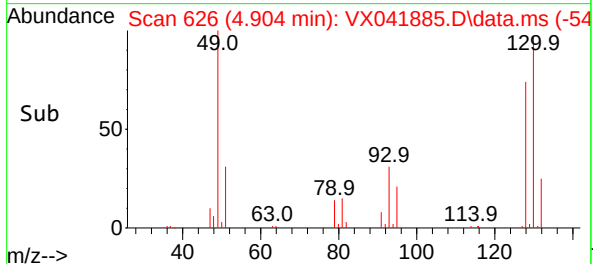
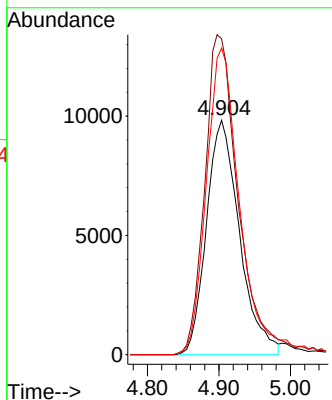
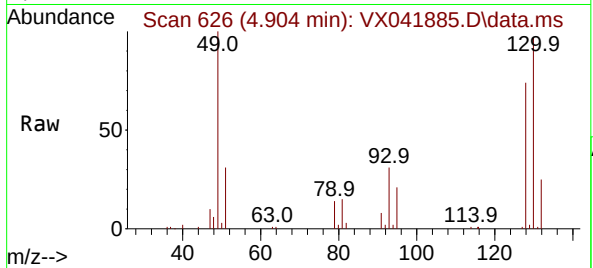




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041885.D
Acq: 14 Jun 2024 18:11

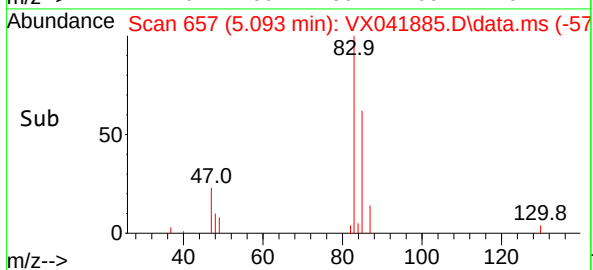
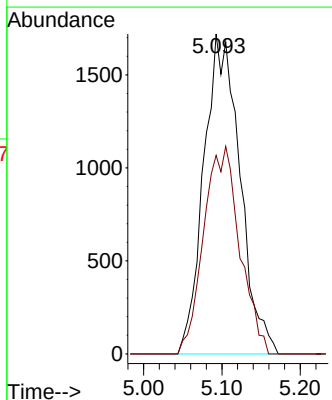
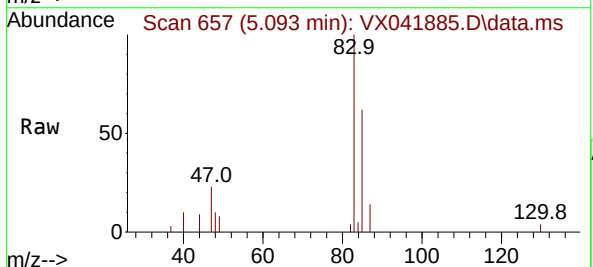
Instrument :
MSVOA_X
ClientSampleId :
240612002-09-TB

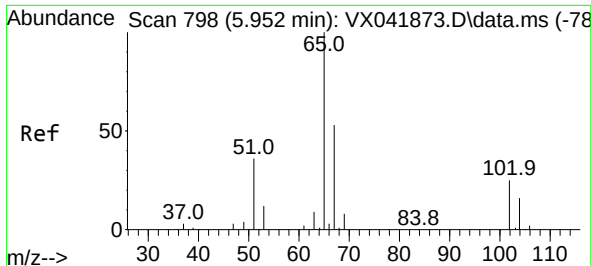
Tgt Ion:128 Resp: 31540
Ion Ratio Lower Upper
128 100
49 138.5 0.0 338.5
130 129.7 0.0 324.5



#25
Chloroform
Concen: 1.573 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.000 min
Lab File: VX041885.D
Acq: 14 Jun 2024 18:11

Tgt Ion: 83 Resp: 5495
Ion Ratio Lower Upper
83 100
85 62.0 52.7 79.1

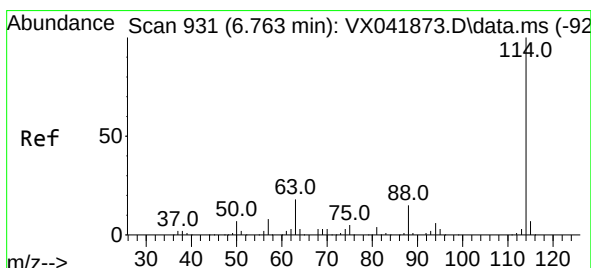
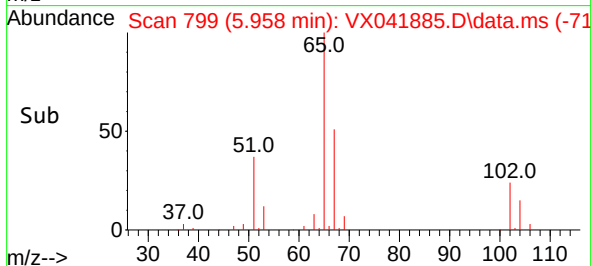
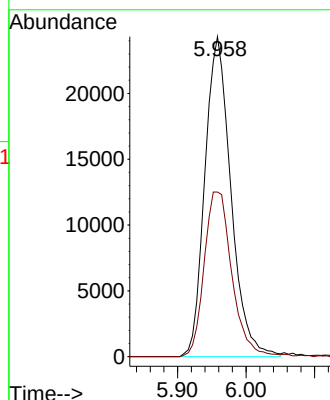
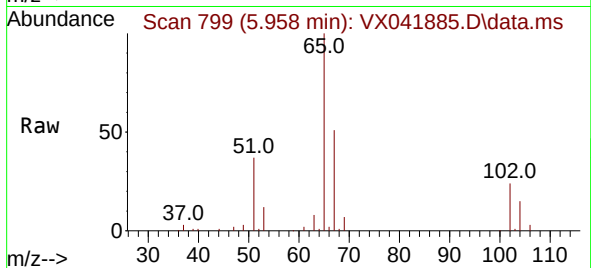




#27
1,2-Dichloroethane-d4
Concen: 29.626 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX041885.D
Acq: 14 Jun 2024 18:11

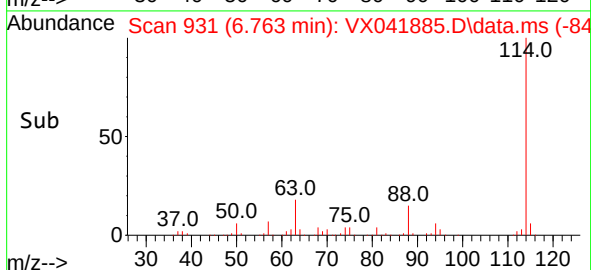
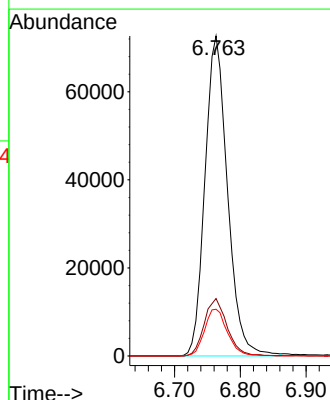
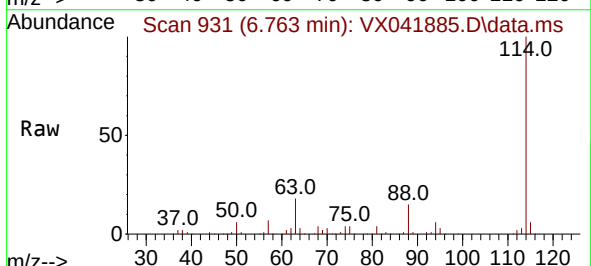
Instrument :
MSVOA_X
ClientSampleId :
240612002-09-TB

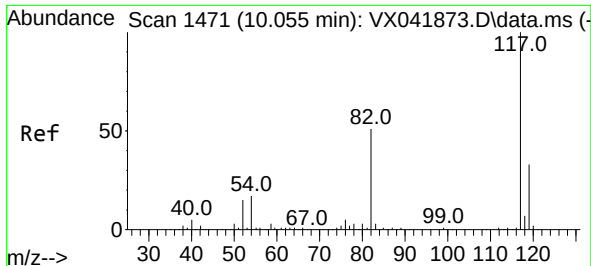
Tgt Ion: 65 Resp: 64323
Ion Ratio Lower Upper
65 100
67 54.6 43.4 65.0



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX041885.D
Acq: 14 Jun 2024 18:11

Tgt Ion: 114 Resp: 173239
Ion Ratio Lower Upper
114 100
63 18.0 14.6 21.8
88 14.8 11.8 17.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX041885.D

Acq: 14 Jun 2024 18:11

Instrument :

MSVOA_X

ClientSampleId :

240612002-09-TB

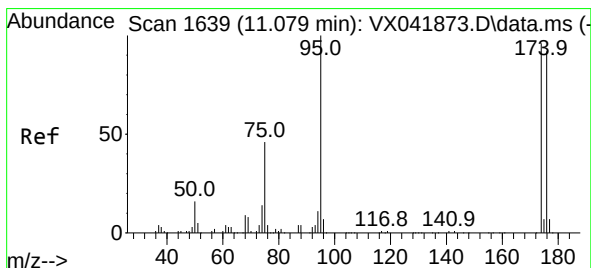
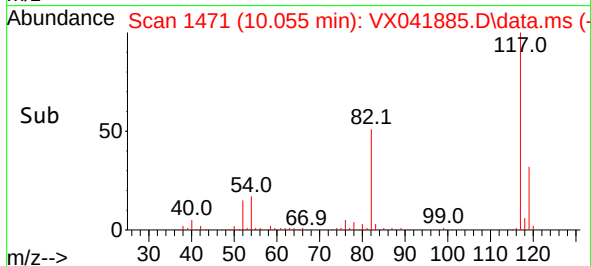
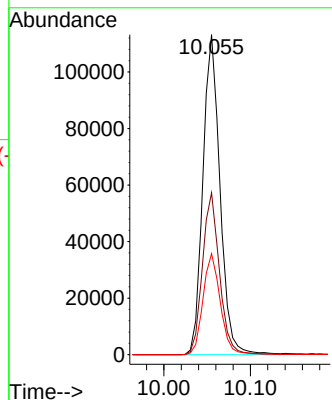
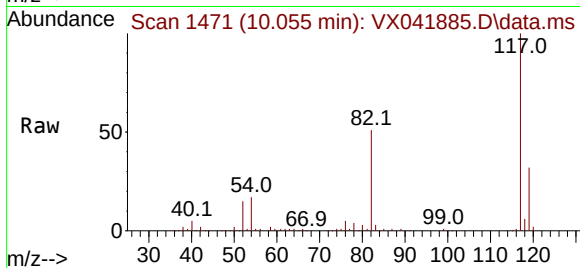
Tgt Ion:117 Resp: 155712

Ion Ratio Lower Upper

117 100

82 50.4 41.1 61.7

119 31.9 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.316 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041885.D

Acq: 14 Jun 2024 18:11

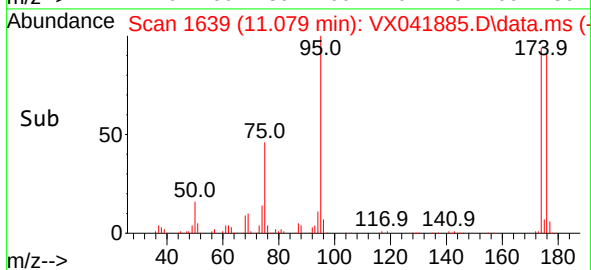
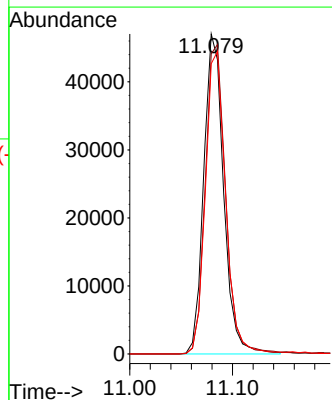
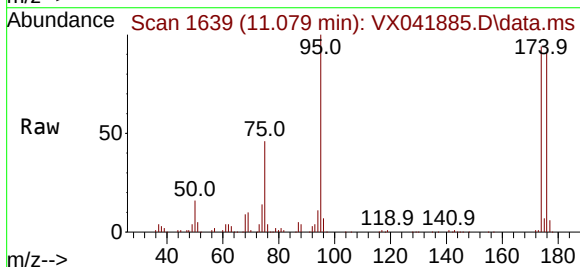
Tgt Ion: 95 Resp: 63430

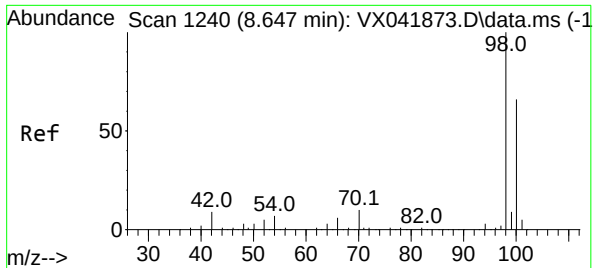
Ion Ratio Lower Upper

95 100

174 99.5 78.9 118.3

176 95.8 77.1 115.7





#63
Toluene-d8
Concen: 29.817 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041885.D
Acq: 14 Jun 2024 18:11

Instrument :
MSVOA_X
ClientSampleId :
240612002-09-TB

Tgt Ion: 98 Resp: 198636
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

