

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034888.D
 Acq On : 31 Mar 2023 19:03
 Operator : JC/MD
 Sample : 02140-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

Quant Time: Apr 01 03:39:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 28 09:11:00 2023
 Response via : Initial Calibration

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

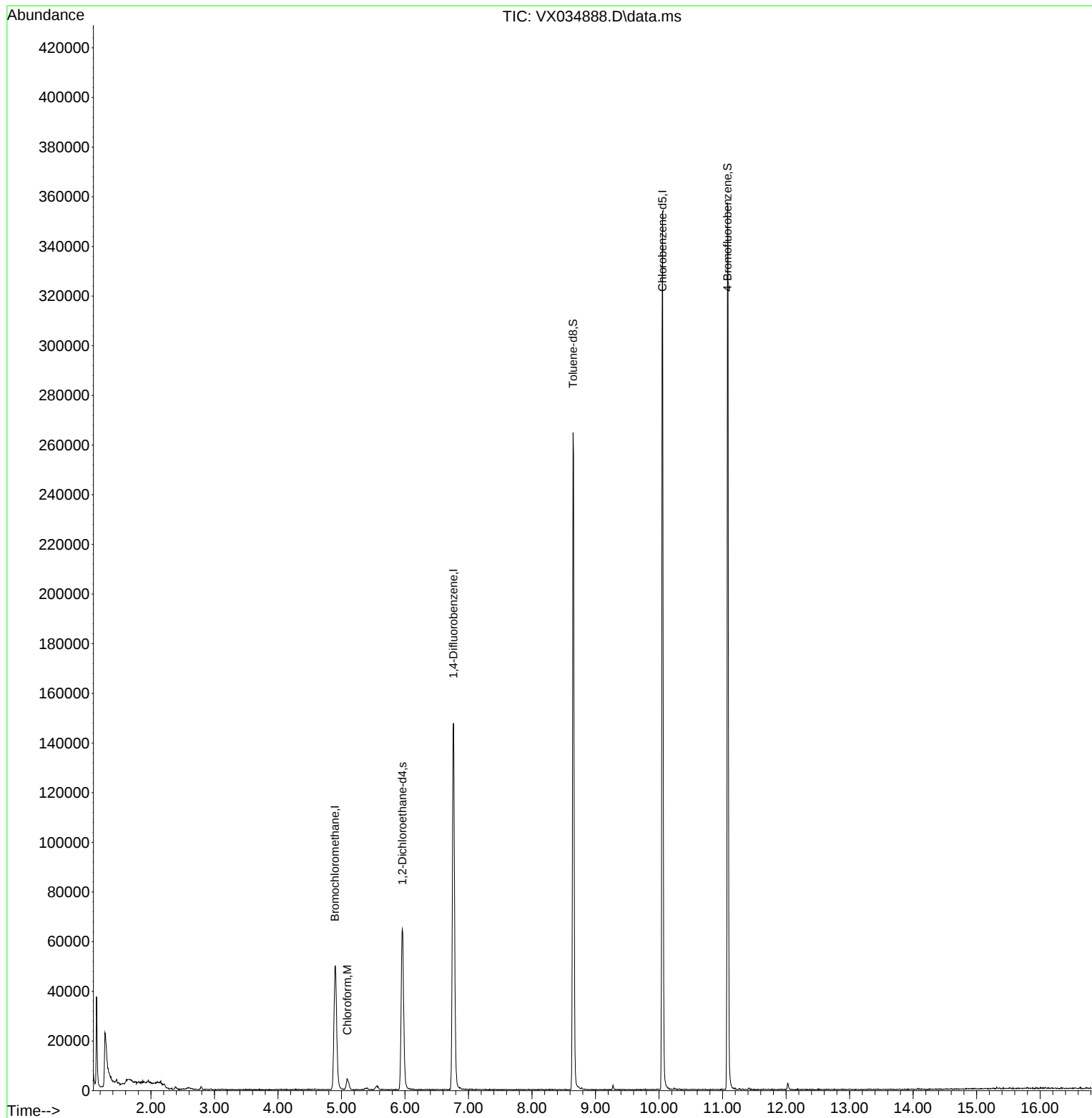
Internal Standards						
1) Bromochloromethane	4.897	128	20073	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	146339	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152437	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	63147	32.741	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	109.133%
60) 4-Bromofluorobenzene	11.079	95	96172	31.574	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	105.233%
63) Toluene-d8	8.647	98	155135	29.947	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.833%
Target Compounds						
25) Chloroform	5.092	83	4939m	1.150	ug/l	Qvalue

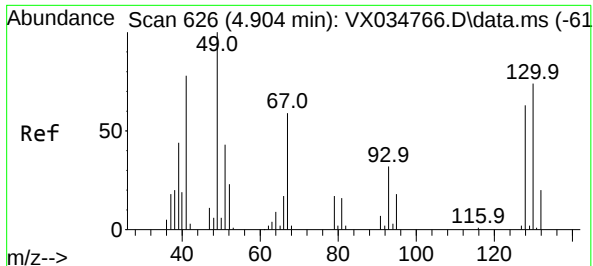
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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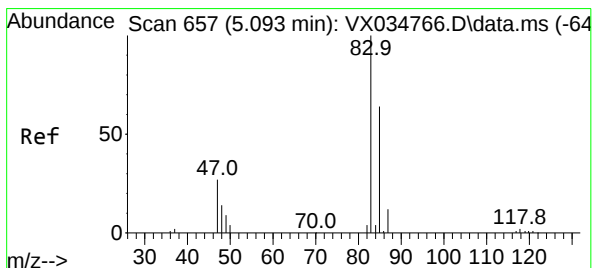
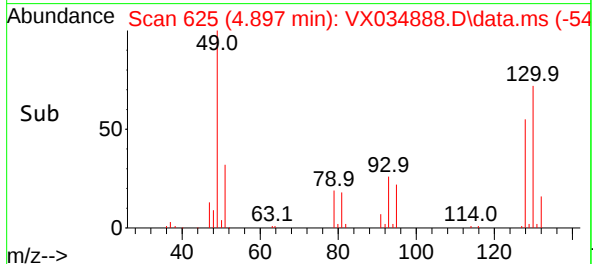
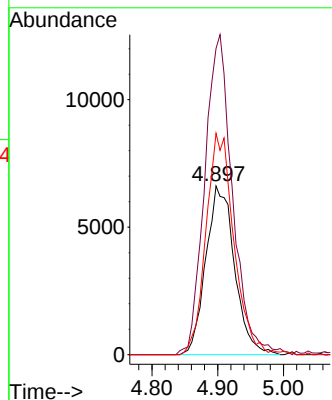
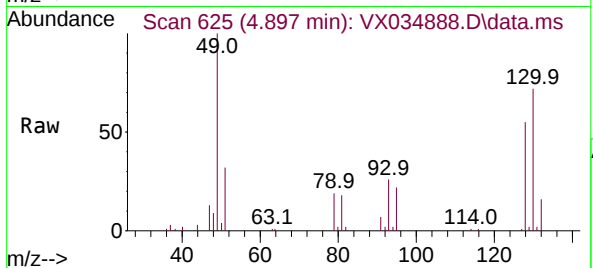




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX034888.D
Acq: 31 Mar 2023 19:03

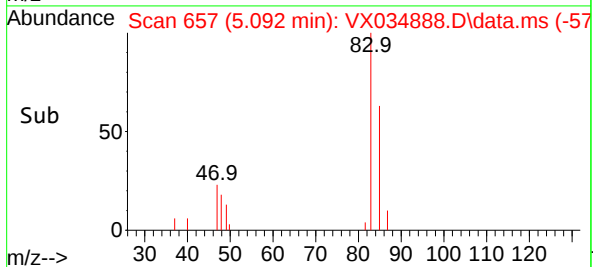
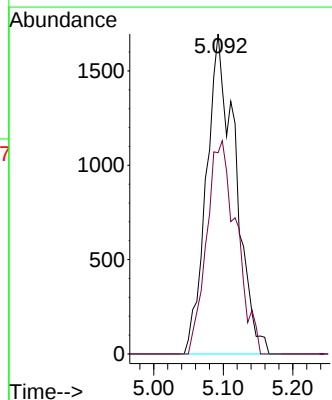
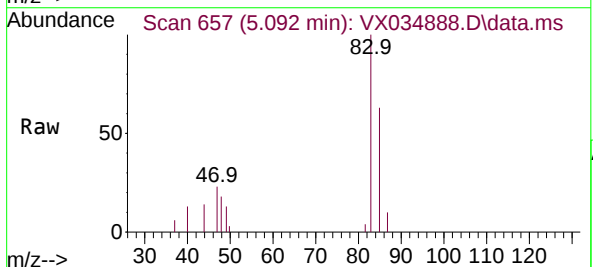
Instrument :
MSVOA_X
ClientSampleId :
MW-02

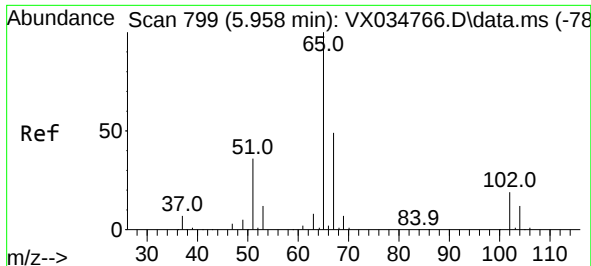
Tgt Ion:128 Resp: 20073
Ion Ratio Lower Upper
128 100
49 174.0 0.0 428.8
130 127.3 0.0 310.8



#25
Chloroform
Concen: 1.150 ug/l m
RT: 5.092 min Scan# 657
Delta R.T. -0.001 min
Lab File: VX034888.D
Acq: 31 Mar 2023 19:03

Tgt Ion: 83 Resp: 4939
Ion Ratio Lower Upper
83 100
85 62.9 51.2 76.8

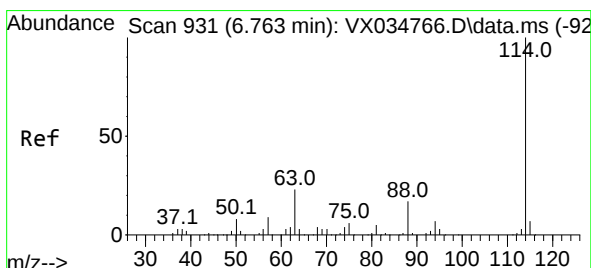
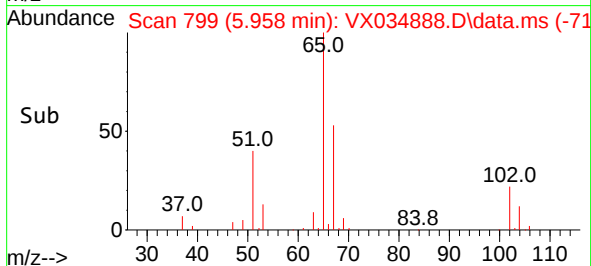
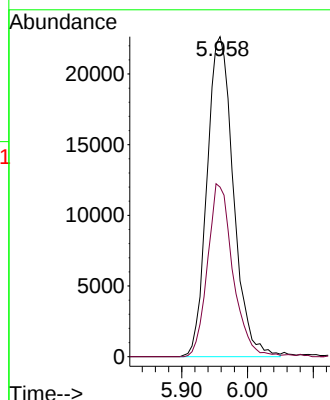
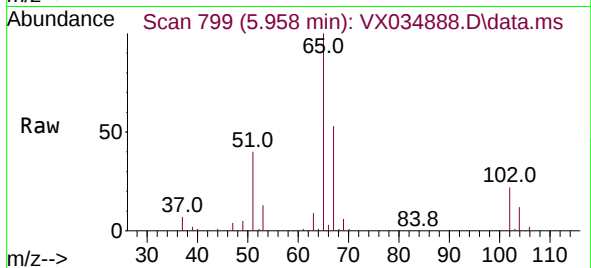




#27
 1,2-Dichloroethane-d4
 Concen: 32.741 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX034888.D
 Acq: 31 Mar 2023 19:03

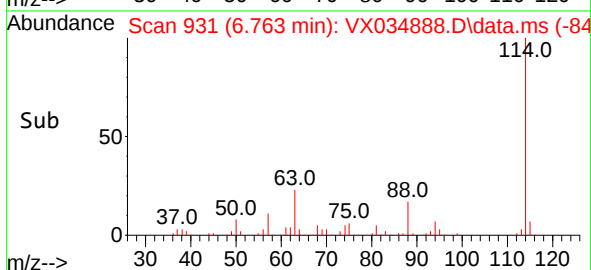
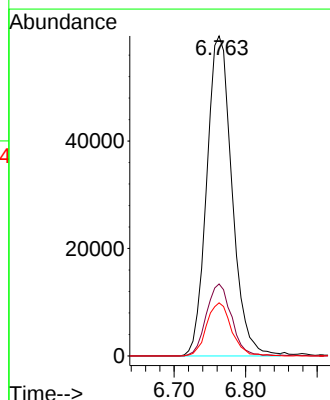
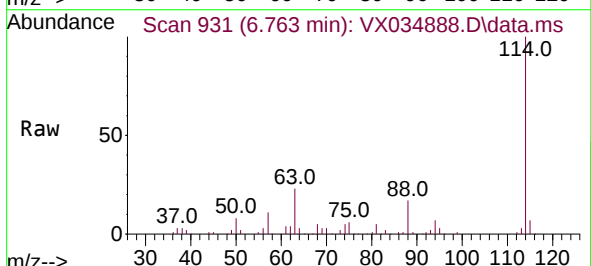
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-02

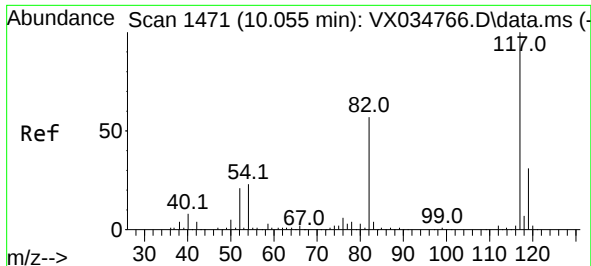
Tgt Ion: 65 Resp: 63147
 Ion Ratio Lower Upper
 65 100
 67 51.8 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX034888.D
 Acq: 31 Mar 2023 19:03

Tgt Ion: 114 Resp: 146339
 Ion Ratio Lower Upper
 114 100
 63 22.2 18.0 27.0
 88 16.1 13.3 19.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX034888.D

Acq: 31 Mar 2023 19:03

Instrument :

MSVOA_X

ClientSampleId :

MW-02

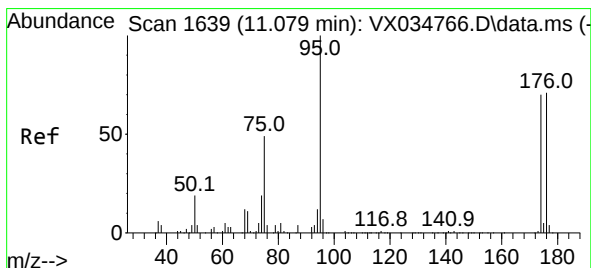
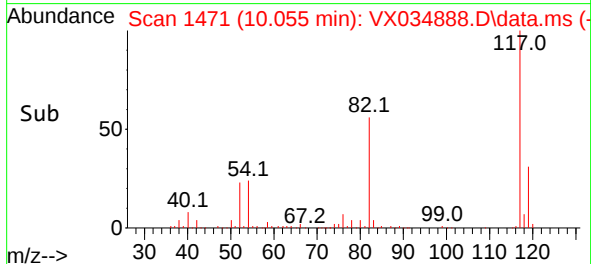
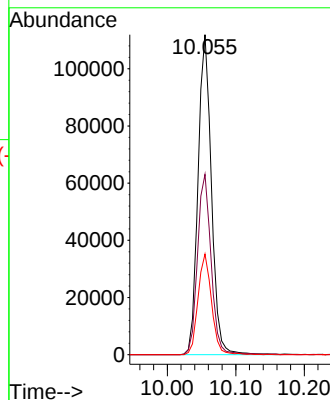
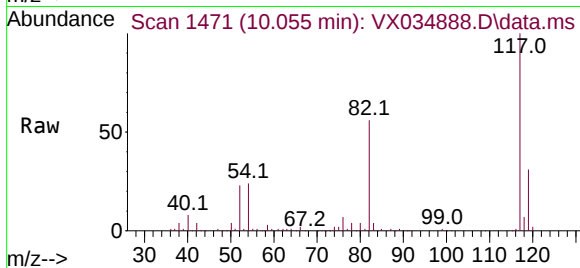
Tgt Ion:117 Resp: 152437

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.8

119 31.8 25.4 38.0



#60

4-Bromofluorobenzene

Concen: 31.574 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034888.D

Acq: 31 Mar 2023 19:03

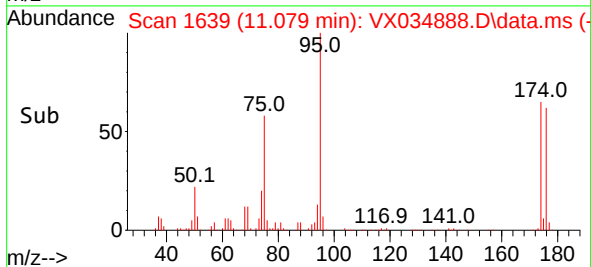
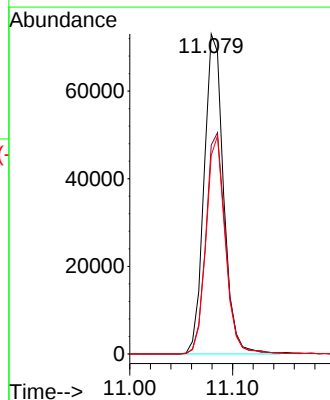
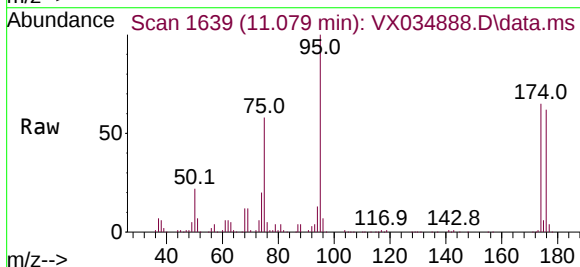
Tgt Ion: 95 Resp: 96172

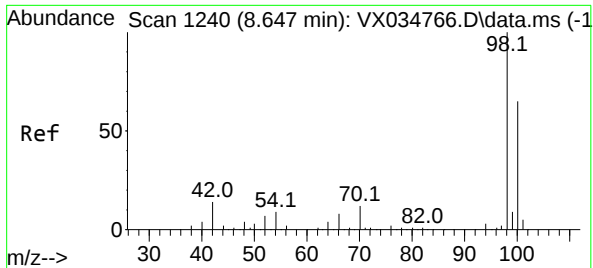
Ion Ratio Lower Upper

95 100

174 69.3 0.2 0.4#

176 67.3 0.2 0.2#





#63
Toluene-d8
Concen: 29.947 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034888.D
Acq: 31 Mar 2023 19:03

Instrument :
MSVOA_X
ClientSampleId :
MW-02

Tgt Ion: 98 Resp: 155135
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

