

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052124\
 Data File : VX041583.D
 Acq On : 21 May 2024 12:52
 Operator : JC/MD
 Sample : P2546-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240516027-01

Quant Time: May 22 02:53:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 16 05:13:13 2024
 Response via : Initial Calibration

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

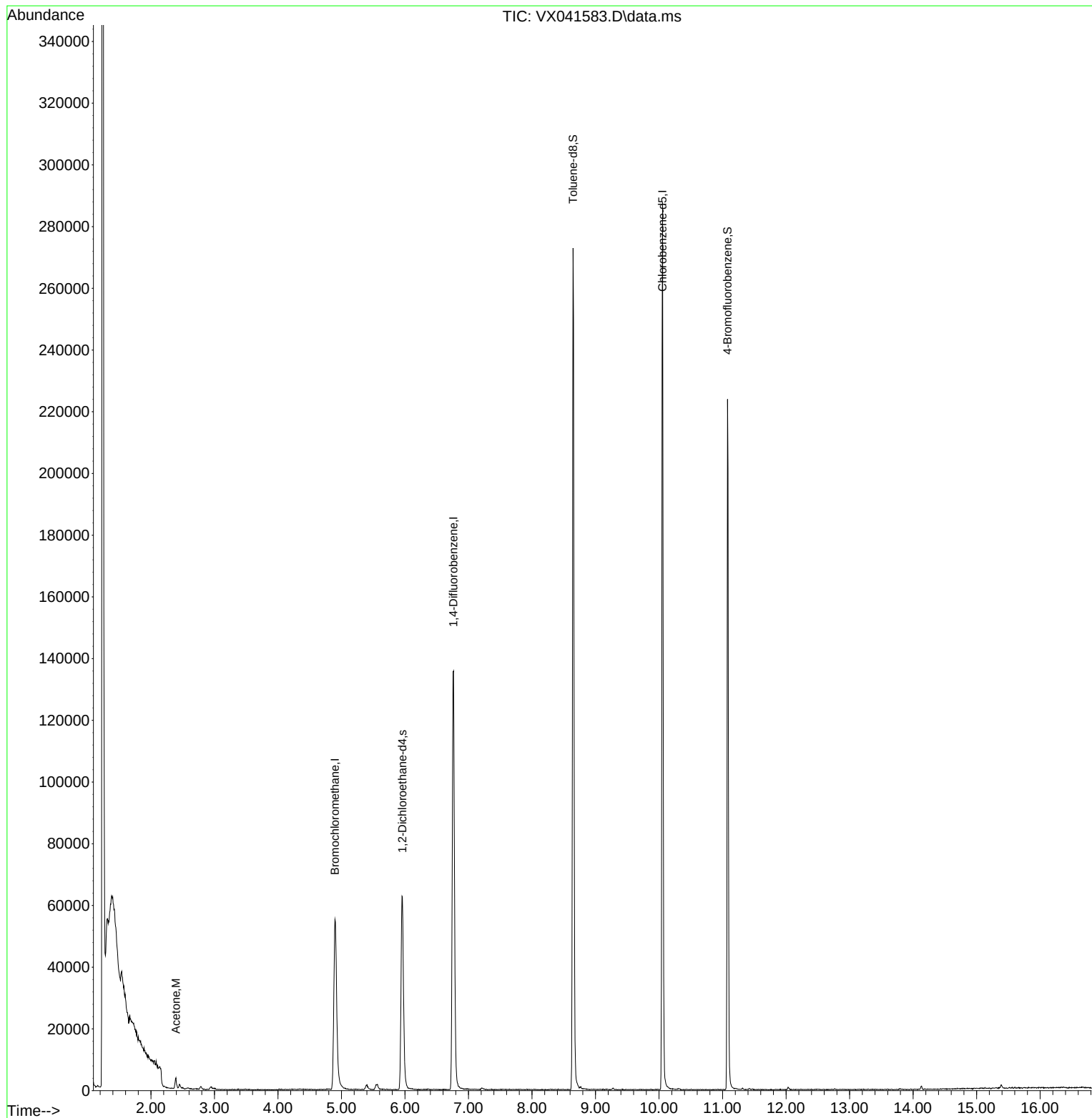
Internal Standards						
1) Bromochloromethane	4.897	128	26985	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	147499	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	133401	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	64117	30.172	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.567%
60) 4-Bromofluorobenzene	11.079	95	58523	28.102	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.667%
63) Toluene-d8	8.647	98	168407	29.450	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.167%
Target Compounds						
15) Acetone	2.392	58	1090	4.450	ug/l	Qvalue # 66

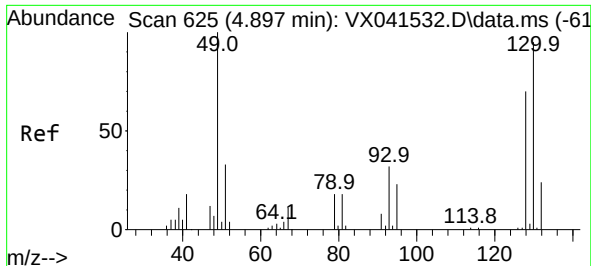
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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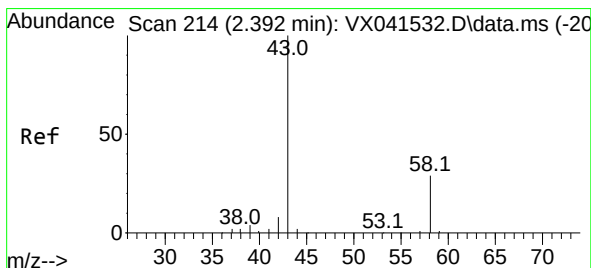
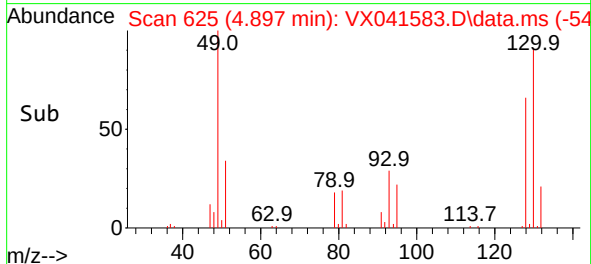
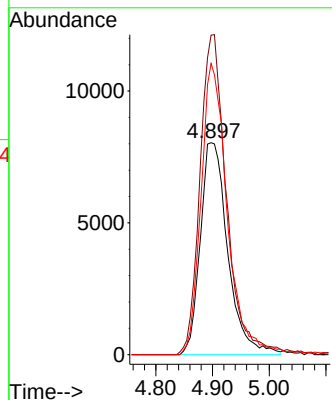
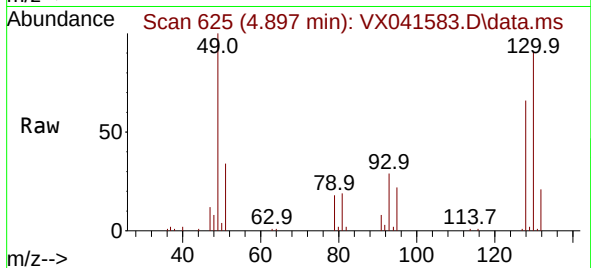




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041583.D
Acq: 21 May 2024 12:52

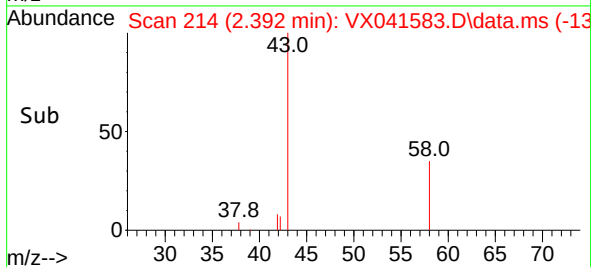
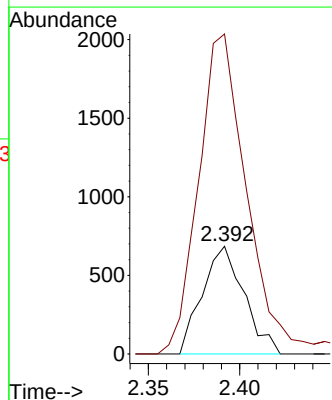
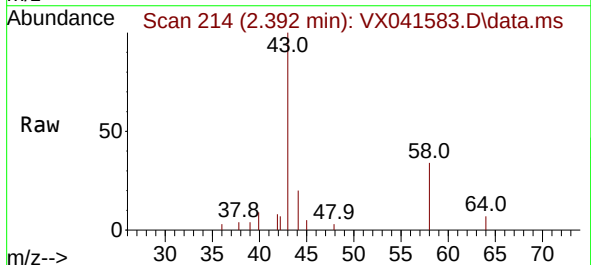
Instrument :
MSVOA_X
ClientSampleId :
240516027-01

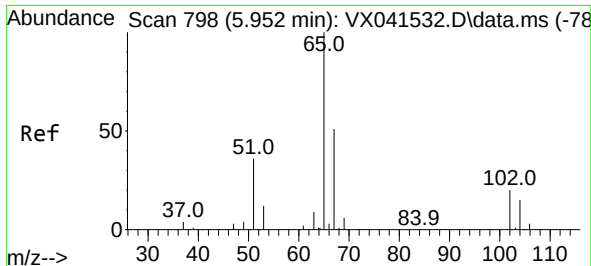
Tgt Ion:128 Resp: 26985
Ion Ratio Lower Upper
128 100
49 146.0 0.0 361.5
130 127.6 0.0 324.3



#15
Acetone
Concen: 4.450 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041583.D
Acq: 21 May 2024 12:52

Tgt Ion: 58 Resp: 1090
Ion Ratio Lower Upper
58 100
43 270.1 274.0 411.0#





#27

1,2-Dichloroethane-d4

Concen: 30.172 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041583.D

Acq: 21 May 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

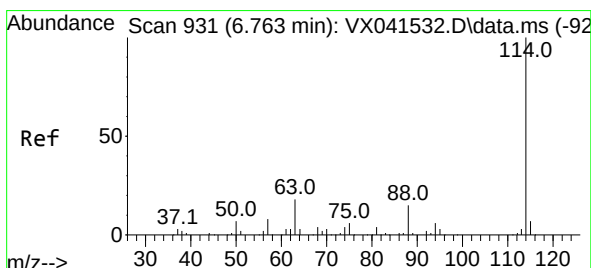
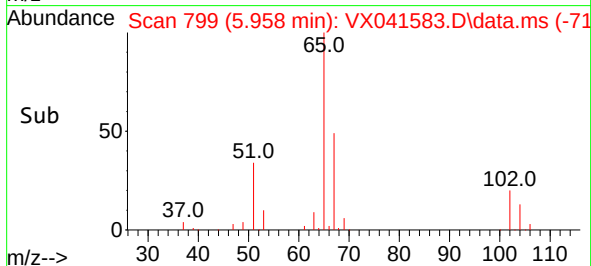
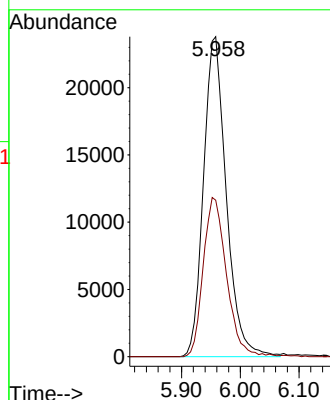
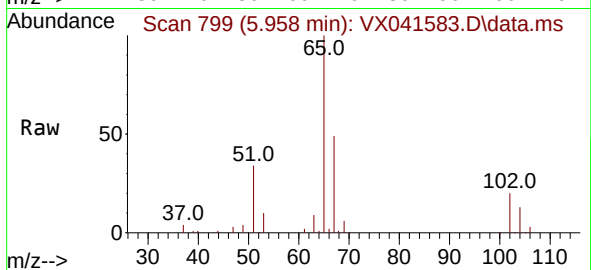
240516027-01

Tgt Ion: 65 Resp: 64117

Ion Ratio Lower Upper

65 100

67 50.6 40.8 61.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX041583.D

Acq: 21 May 2024 12:52

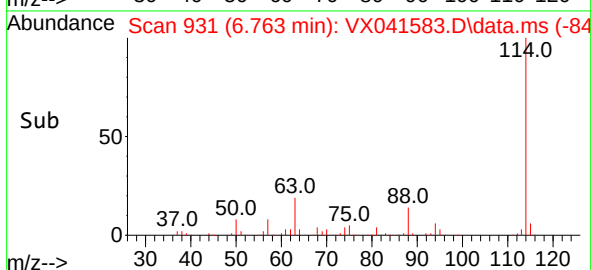
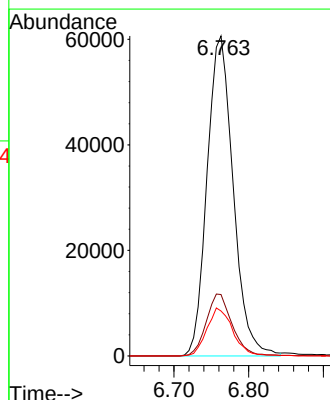
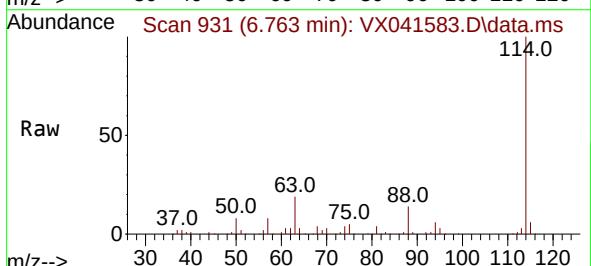
Tgt Ion: 114 Resp: 147499

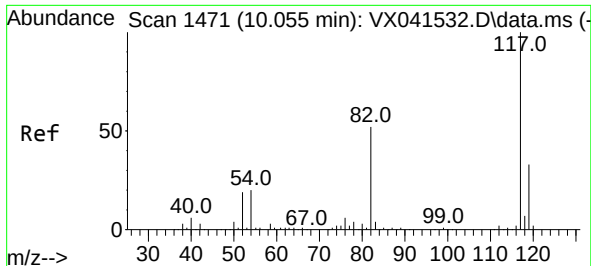
Ion Ratio Lower Upper

114 100

63 19.2 15.4 23.0

88 15.0 12.2 18.2





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041583.D

Acq: 21 May 2024 12:52

Instrument :

MSVOA_X

ClientSampleId :

240516027-01

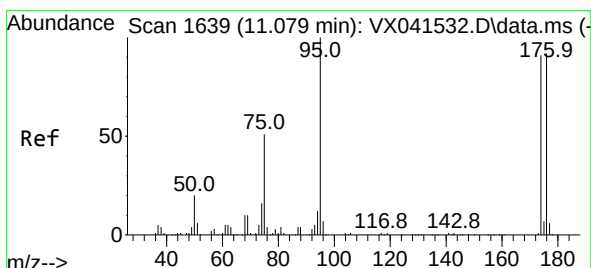
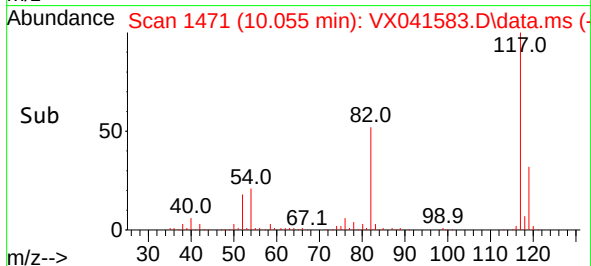
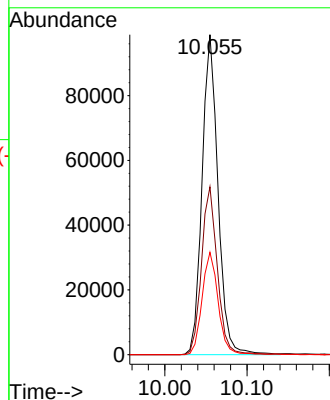
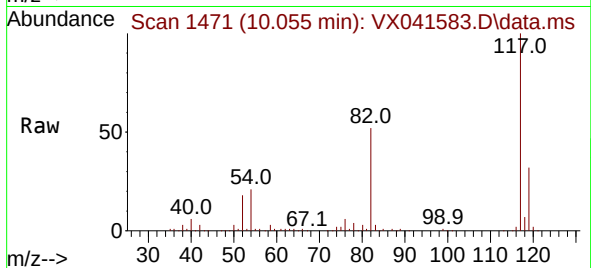
Tgt Ion:117 Resp: 133401

Ion Ratio Lower Upper

117 100

82 52.3 41.7 62.5

119 32.3 25.7 38.5



#60

4-Bromofluorobenzene

Concen: 28.102 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041583.D

Acq: 21 May 2024 12:52

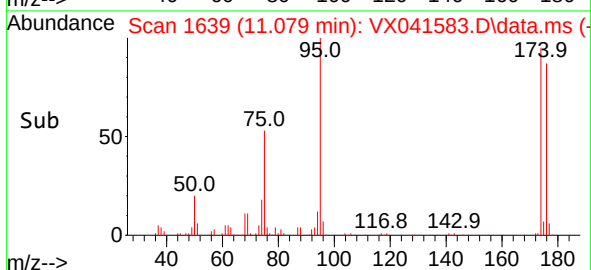
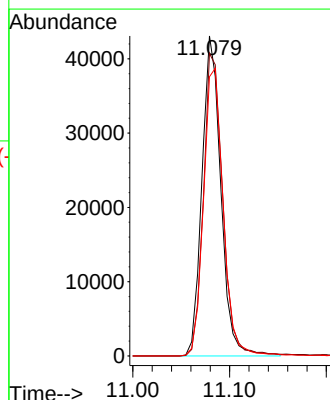
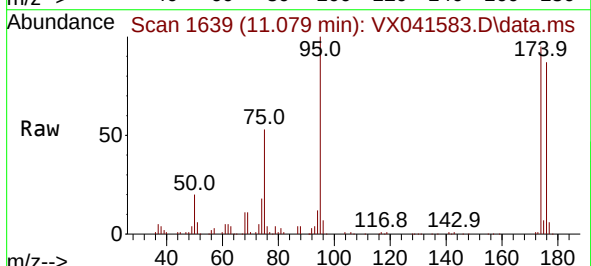
Tgt Ion: 95 Resp: 58523

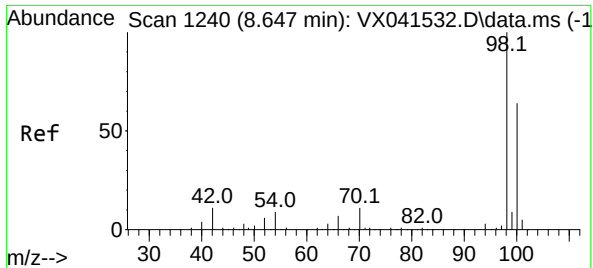
Ion Ratio Lower Upper

95 100

174 97.2 76.6 115.0

176 94.0 75.4 113.0





#63
Toluene-d8
Concen: 29.450 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041583.D
Acq: 21 May 2024 12:52

Instrument :
MSVOA_X
ClientSampleId :
240516027-01

Tgt Ion: 98 Resp: 168407
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

