

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062024\
 Data File : VX041962.D
 Acq On : 20 Jun 2024 13:48
 Operator : JC/MD
 Sample : P2933-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240614021-01

Quant Time: Jun 21 03:17:04 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)

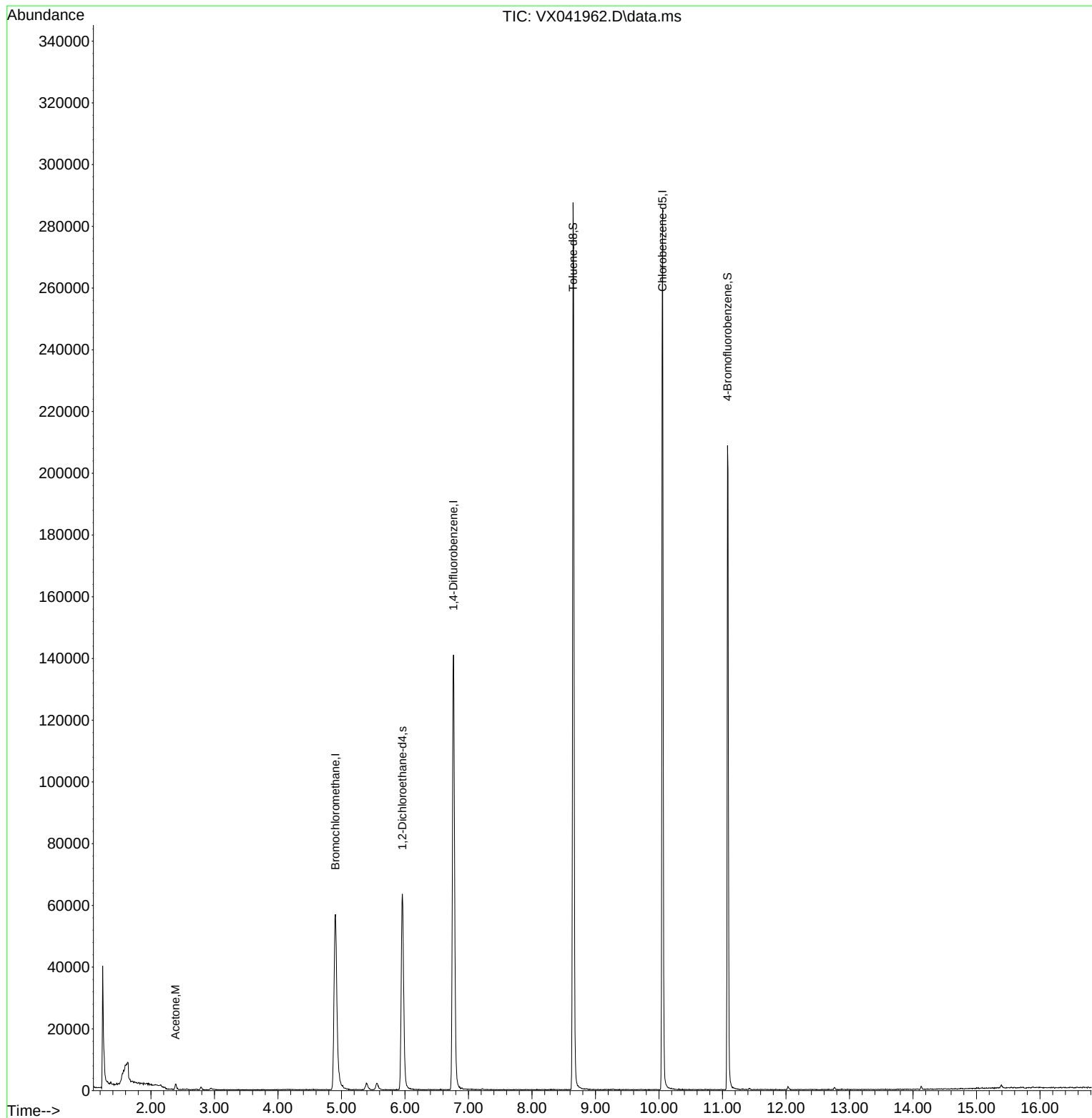
Internal Standards						
1) Bromochloromethane	4.904	128	29572	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	157451	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	139511	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61830	30.373	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.233%
60) 4-Bromofluorobenzene	11.079	95	57380	26.571	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.567%
63) Toluene-d8	8.647	98	181150	30.350	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
15) Acetone	2.386	58	723	2.311	ug/l	Qvalue 94

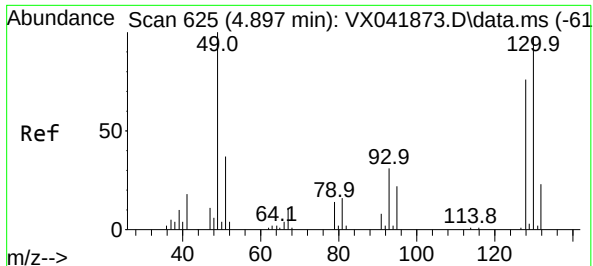
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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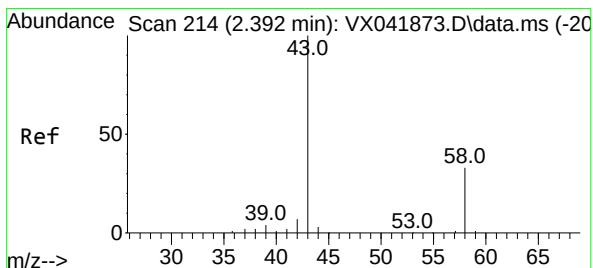
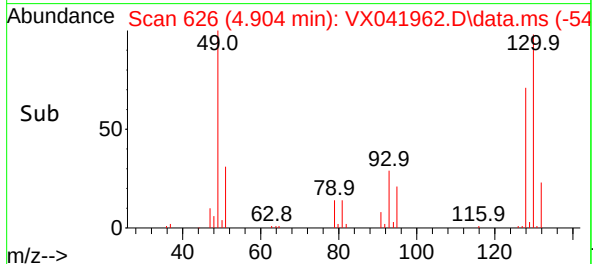
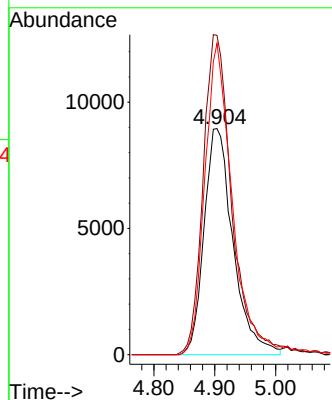
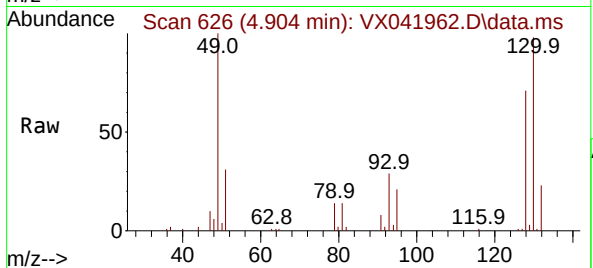




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX041962.D
Acq: 20 Jun 2024 13:48

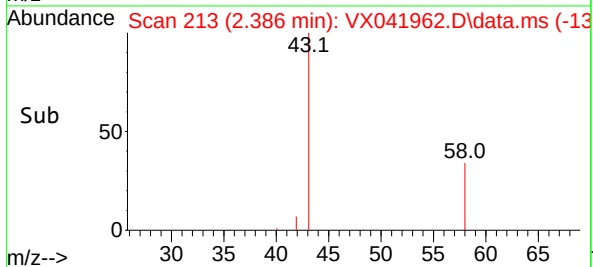
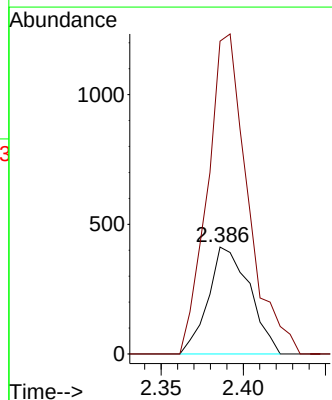
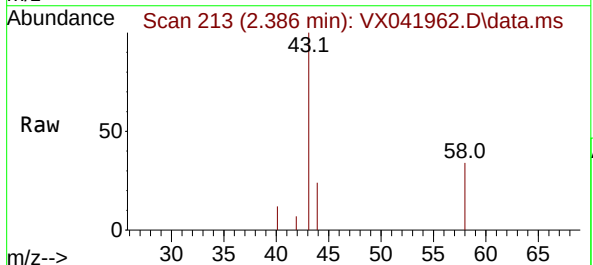
Instrument :
MSVOA_X
ClientSampleId :
240614021-01

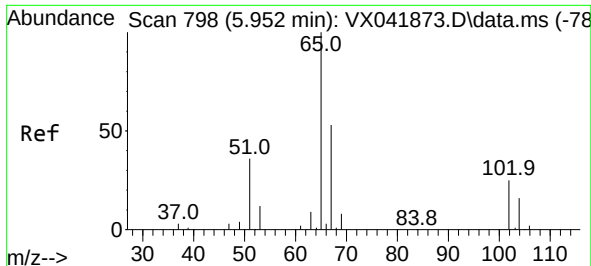
Tgt Ion:128 Resp: 29572
Ion Ratio Lower Upper
128 100
49 141.4 0.0 338.5
130 130.2 0.0 324.5



#15
Acetone
Concen: 2.311 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX041962.D
Acq: 20 Jun 2024 13:48

Tgt Ion: 58 Resp: 723
Ion Ratio Lower Upper
58 100
43 292.7 243.4 365.2





#27

1,2-Dichloroethane-d4

Concen: 30.373 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041962.D

Acq: 20 Jun 2024 13:48

Instrument :

MSVOA_X

ClientSampleId :

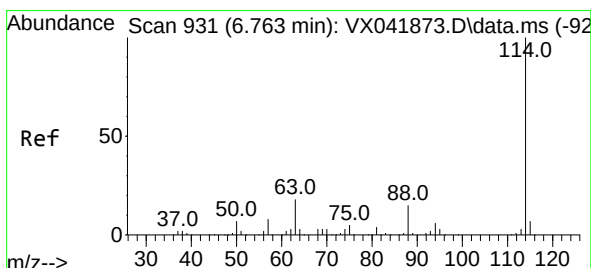
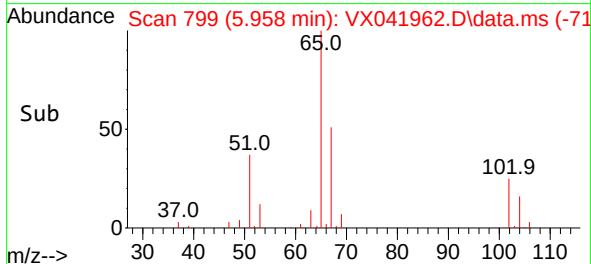
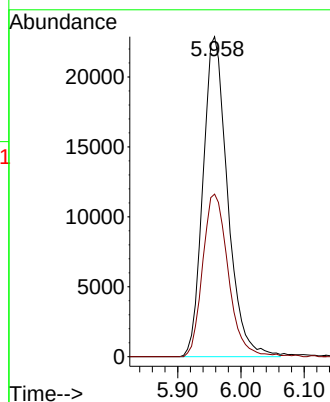
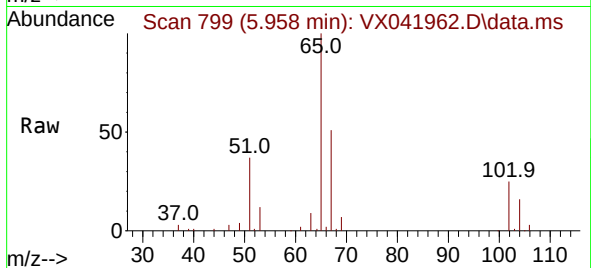
240614021-01

Tgt Ion: 65 Resp: 61830

Ion Ratio Lower Upper

65 100

67 52.6 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: VX041962.D

Acq: 20 Jun 2024 13:48

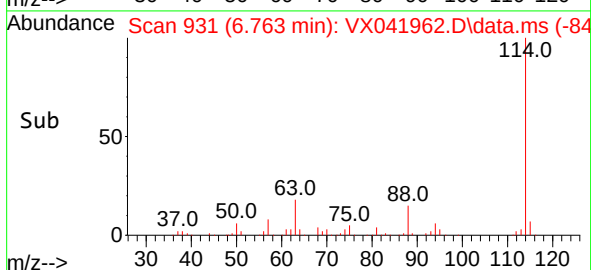
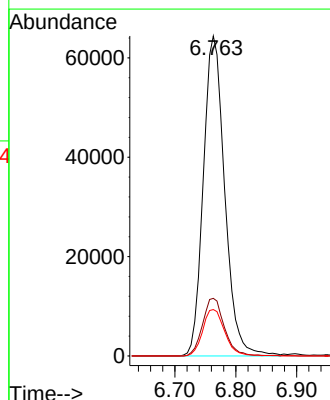
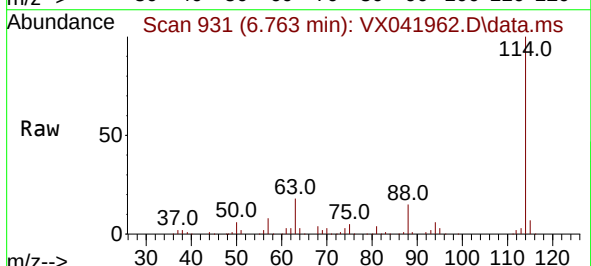
Tgt Ion: 114 Resp: 157451

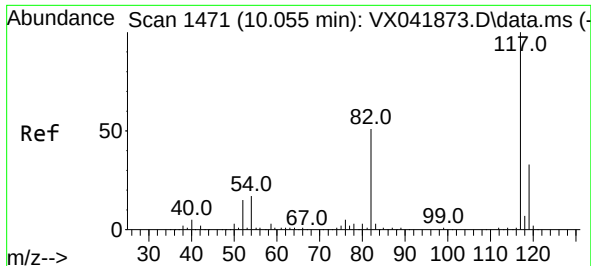
Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

88 14.9 11.8 17.8

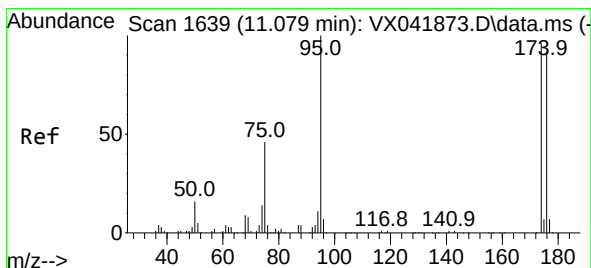
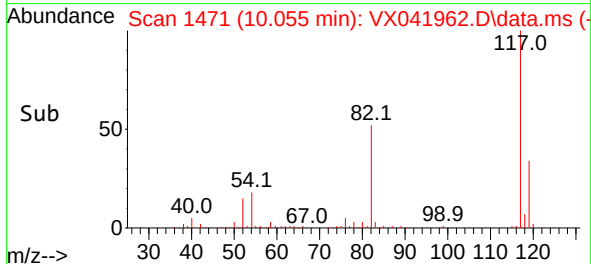
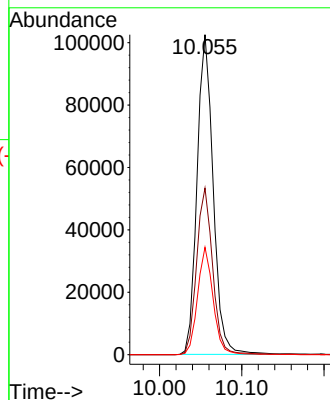
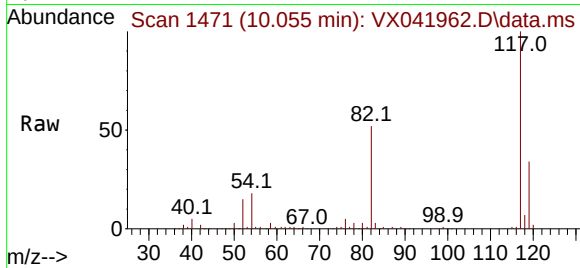




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041962.D
Acq: 20 Jun 2024 13:48

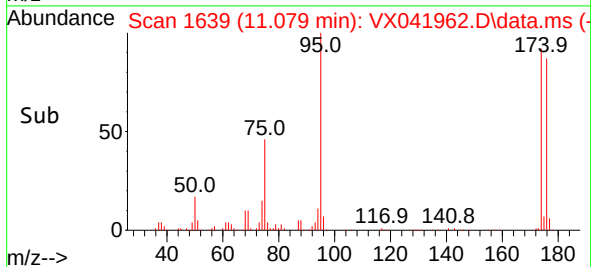
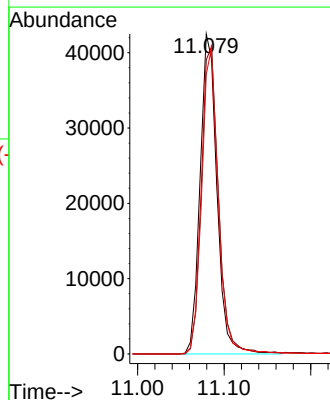
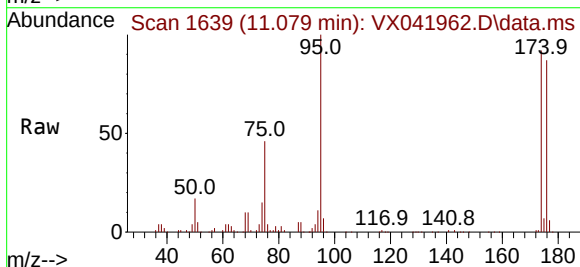
Instrument :
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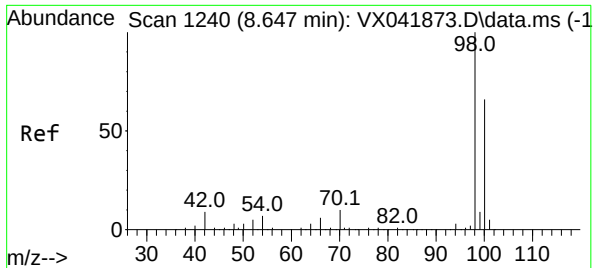
Tgt Ion:117 Resp: 139511
Ion Ratio Lower Upper
117 100
82 51.8 41.1 61.7
119 32.5 26.1 39.1



#60
4-Bromofluorobenzene
Concen: 26.571 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041962.D
Acq: 20 Jun 2024 13:48

Tgt Ion: 95 Resp: 57380
Ion Ratio Lower Upper
95 100
174 96.8 78.9 118.3
176 94.3 77.1 115.7





#63
Toluene-d8
Concen: 30.350 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041962.D
Acq: 20 Jun 2024 13:48

Instrument :
MSVOA_X
ClientSampleId :
240614021-01

Tgt Ion: 98 Resp: 181150
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1

