

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036066.D
 Acq On : 07 Jun 2023 17:22
 Operator : JC/MD
 Sample : 03069-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP08RE

Quant Time: Jun 08 07:23:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

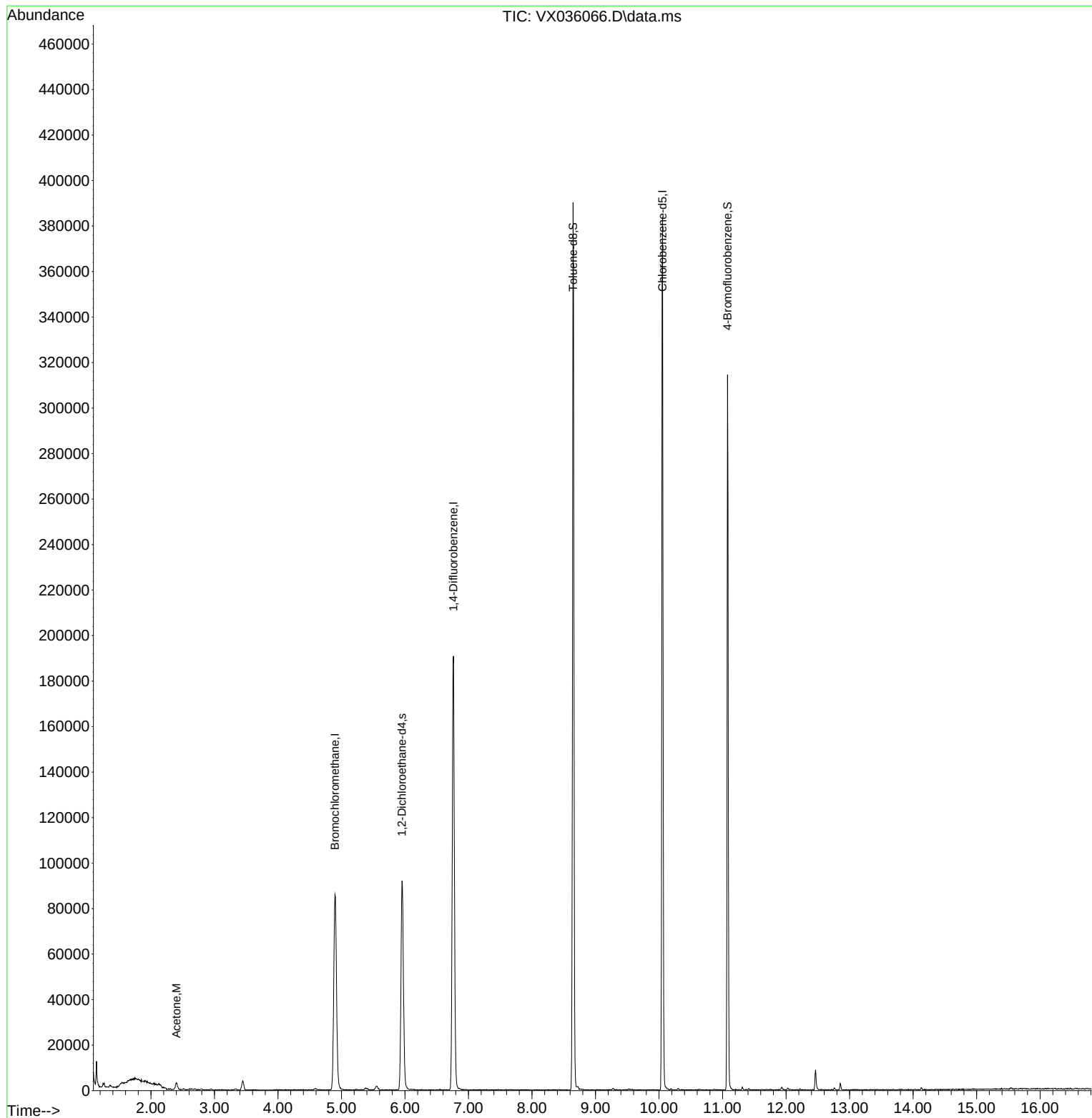
Internal Standards						
1) Bromochloromethane	4.897	128	34244	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	180053	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	161502	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	95463	33.551	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.833%#
60) 4-Bromofluorobenzene	11.079	95	81905	30.224	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.733%
63) Toluene-d8	8.647	98	213896	29.959	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.867%
Target Compounds						
15) Acetone	2.398	58	1267	3.484	ug/l	Qvalue 72

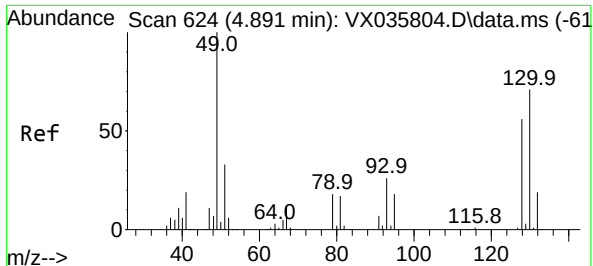
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.897 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX036066.D

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Instrument :

MSVOA_X

ClientSampleId :

TWP08RE

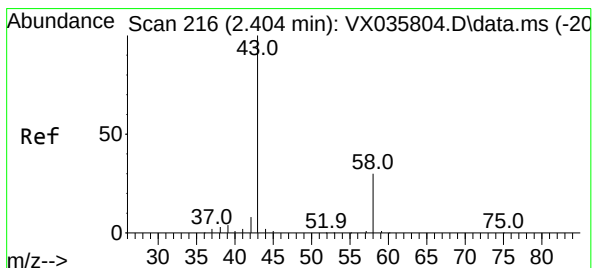
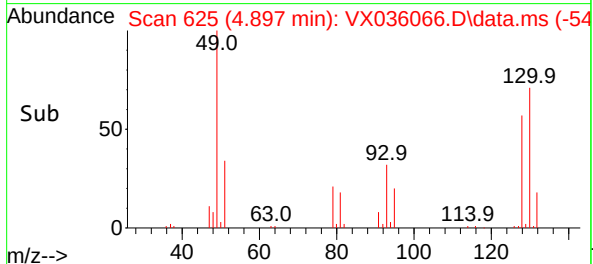
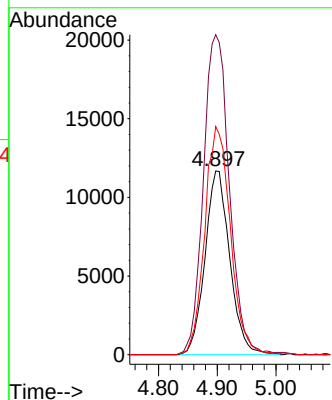
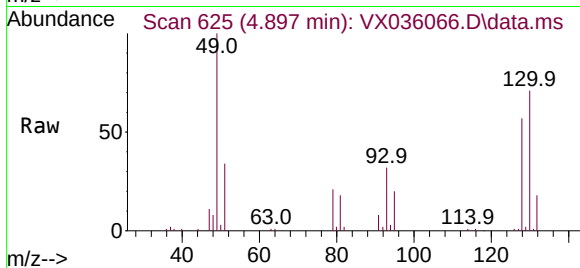
Tgt Ion:128 Resp: 34244

Ion Ratio Lower Upper

128 100

49 181.5 0.0 428.8

130 128.7 0.0 310.8



#15

Acetone

Concen: 3.484 ug/l

RT: 2.398 min Scan# 215

Delta R.T. -0.006 min

Lab File: VX036066.D

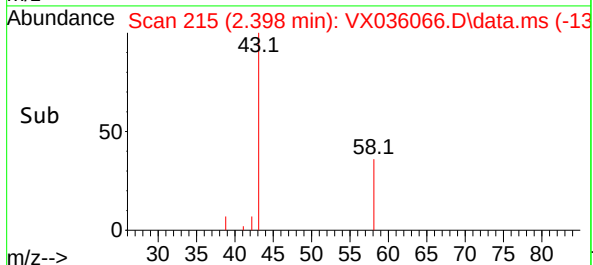
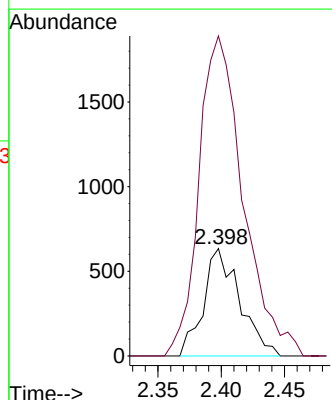
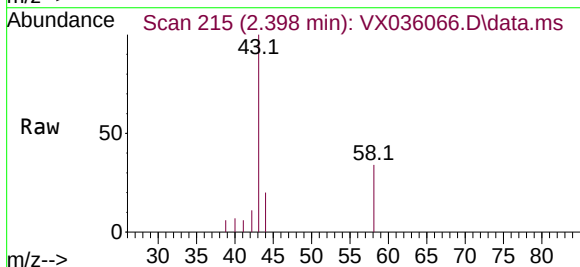
Acq: 07 Jun 2023 17:22

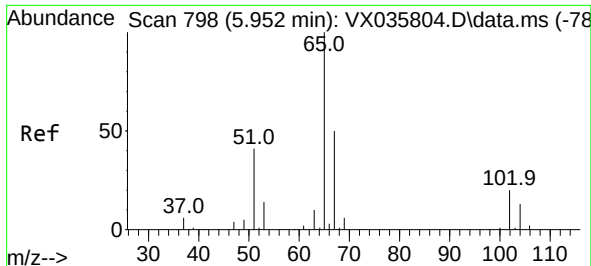
Tgt Ion: 58 Resp: 1267

Ion Ratio Lower Upper

58 100

43 279.0 270.8 406.2





#27

1,2-Dichloroethane-d4

Concen: 33.551 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036066.D

Acq: 07 Jun 2023 17:22

Instrument :

MSVOA_X

ClientSampleId :

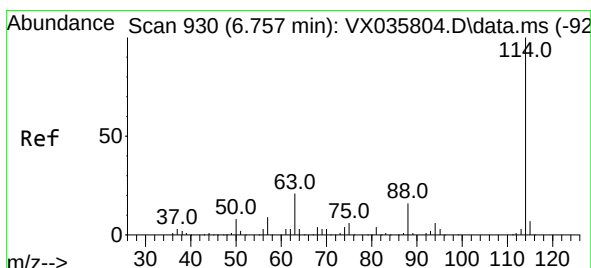
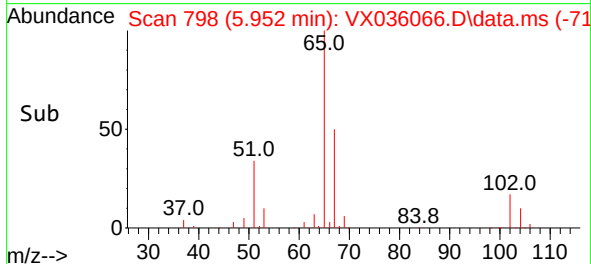
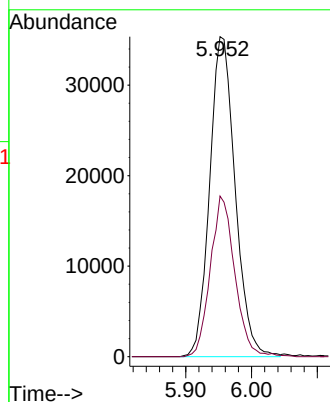
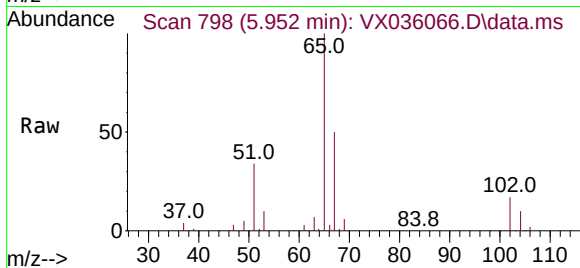
TWP08RE

Tgt Ion: 65 Resp: 95463

Ion Ratio Lower Upper

65 100

67 48.1 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036066.D

Acq: 07 Jun 2023 17:22

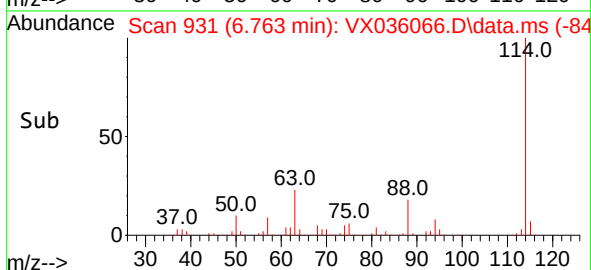
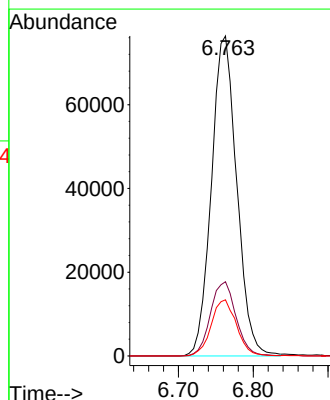
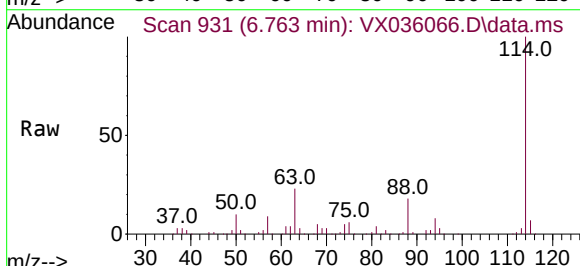
Tgt Ion: 114 Resp: 180053

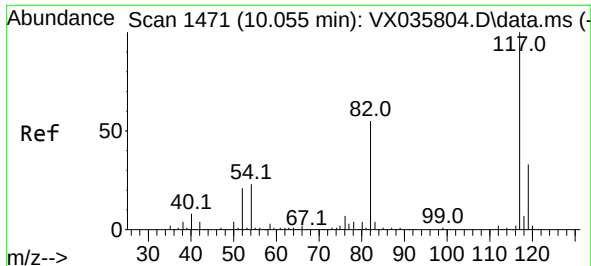
Ion Ratio Lower Upper

114 100

63 23.4 18.0 27.0

88 17.6 13.3 19.9

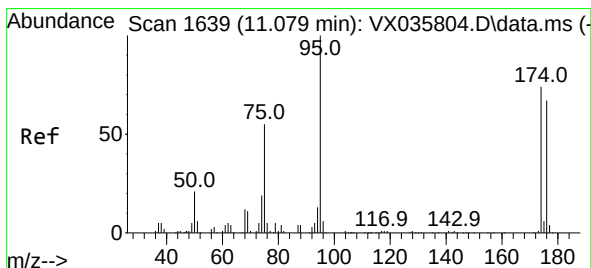
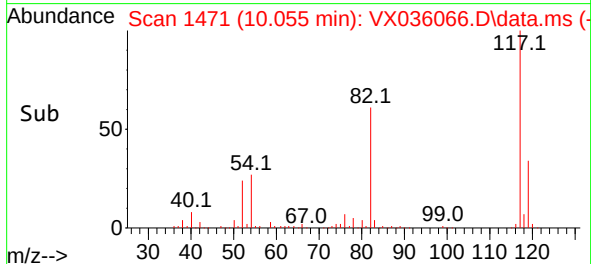
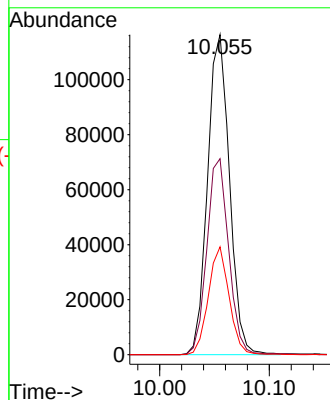
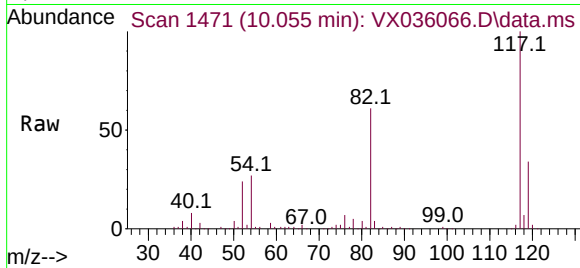




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036066.D
Acq: 07 Jun 2023 17:22

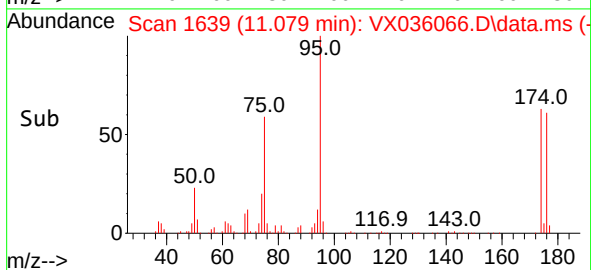
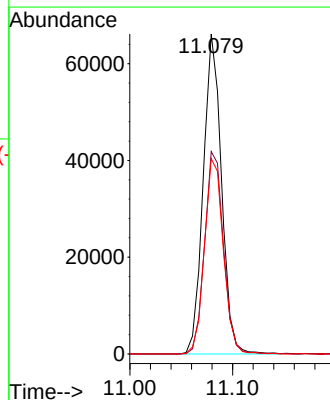
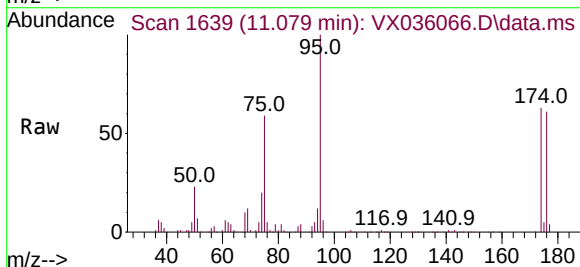
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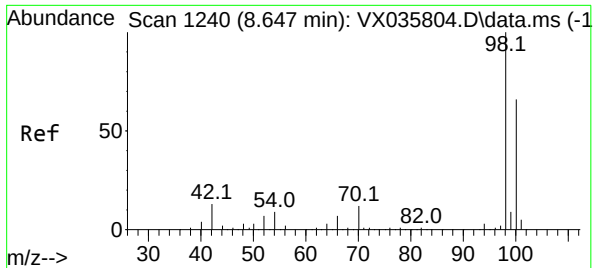
Tgt Ion:117 Resp: 161502
Ion Ratio Lower Upper
117 100
82 60.9 45.8 68.8
119 32.0 25.4 38.0



#60
4-Bromofluorobenzene
Concen: 30.224 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX036066.D
Acq: 07 Jun 2023 17:22

Tgt Ion: 95 Resp: 81905
Ion Ratio Lower Upper
95 100
174 65.1 0.2 0.4#
176 62.9 0.2 0.2#





#63
Toluene-d8
Concen: 29.959 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036066.D
Acq: 07 Jun 2023 17:22

Instrument :
MSVOA_X
ClientSampleId :
TWP08RE

Tgt Ion: 98 Resp: 213896
Ion Ratio Lower Upper
98 100
100 66.9 52.1 78.1

