

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100623\
 Data File : VX038154.D
 Acq On : 07 Oct 2023 03:19
 Operator : JC/MD
 Sample : 04783-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 231003027-03RE

Quant Time: Oct 07 06:37:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X100623W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Oct 07 06:30:32 2023
 Response via : Initial Calibration

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

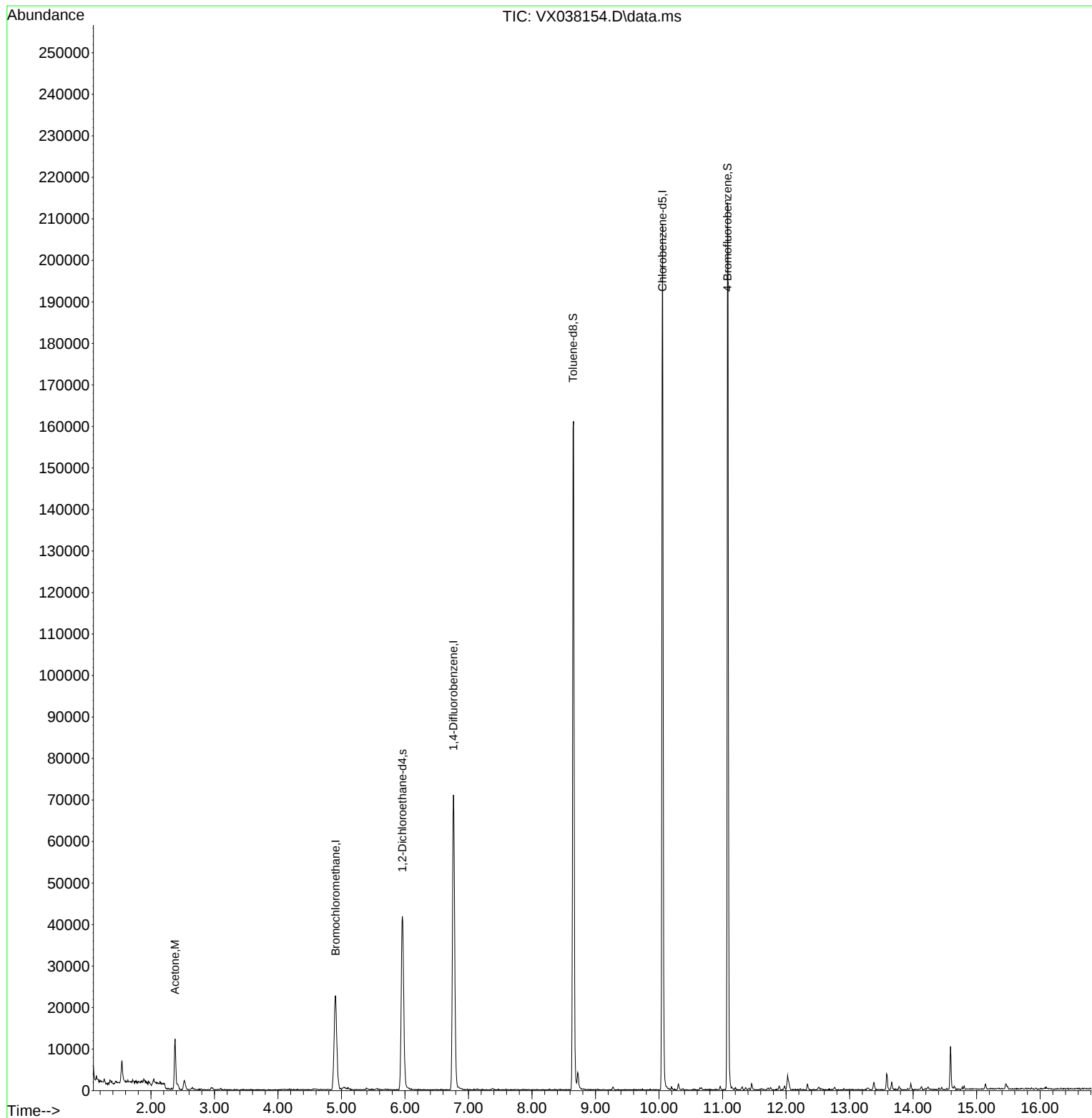
Internal Standards						
1) Bromochloromethane	4.909	128	9434	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	73585	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	91243	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	41606	32.282	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.600%
60) 4-Bromofluorobenzene	11.079	95	54473	28.659	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.533%
63) Toluene-d8	8.646	98	101721	28.790	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.967%
Target Compounds						
15) Acetone	2.379	58	4079	18.397	ug/l	Qvalue 93

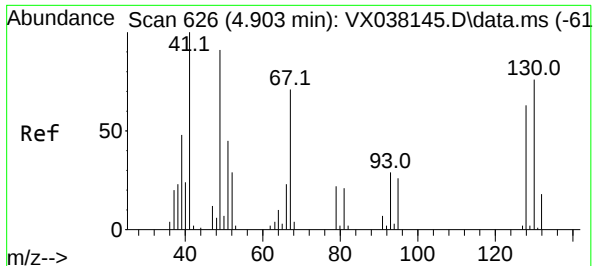
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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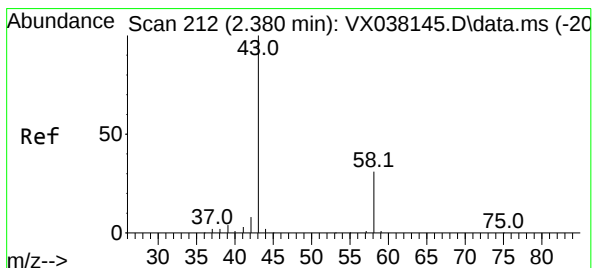
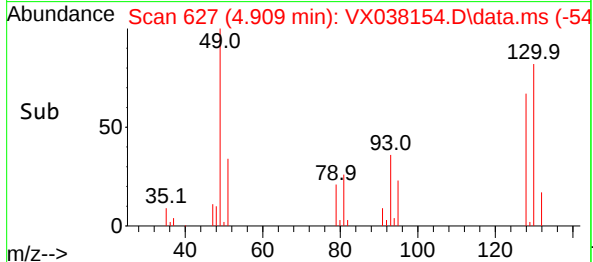
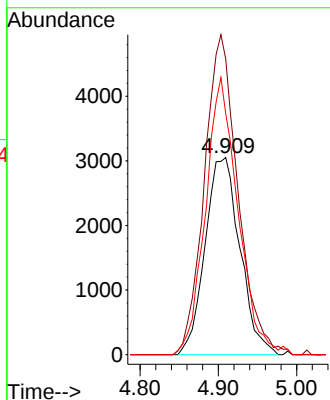
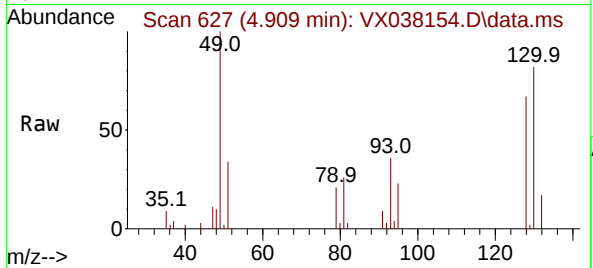




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.909 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX038154.D
Acq: 07 Oct 2023 03:19

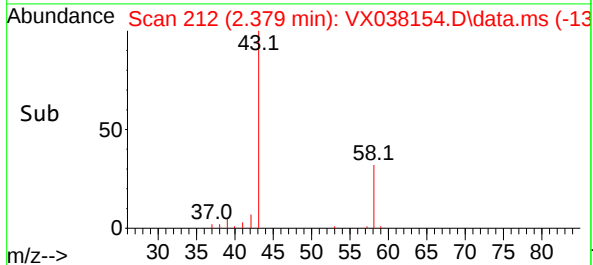
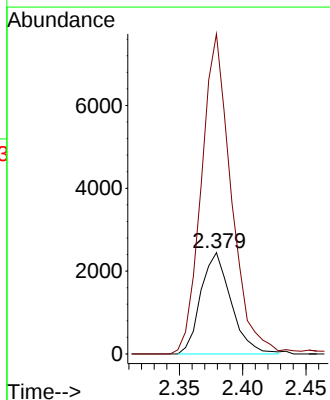
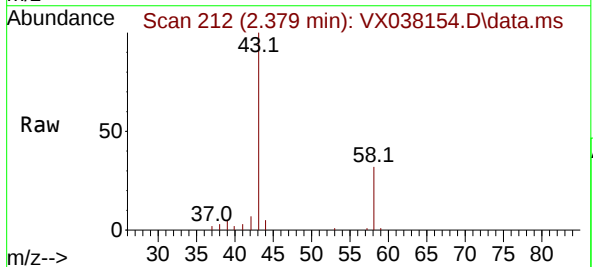
Instrument :
MSVOA_X
ClientSampleId :
231003027-03RE

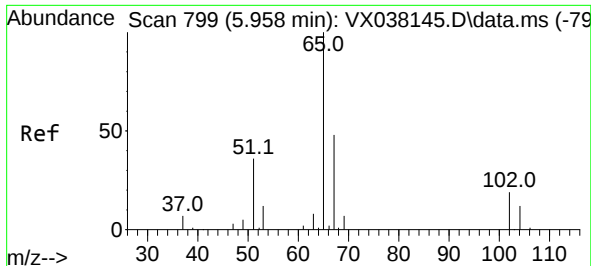
Tgt Ion:128 Resp: 9434
Ion Ratio Lower Upper
128 100
49 156.6 0.0 406.3
130 130.5 0.0 328.0



#15
Acetone
Concen: 18.397 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038154.D
Acq: 07 Oct 2023 03:19

Tgt Ion: 58 Resp: 4079
Ion Ratio Lower Upper
58 100
43 312.5 261.0 391.4

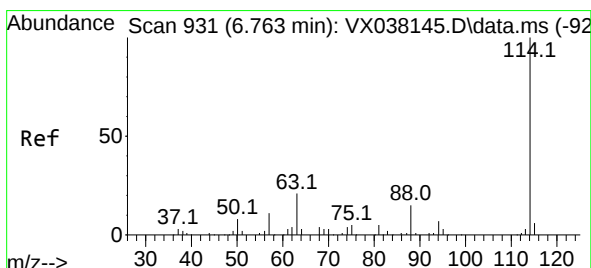
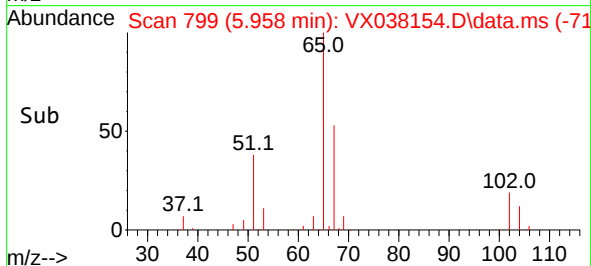
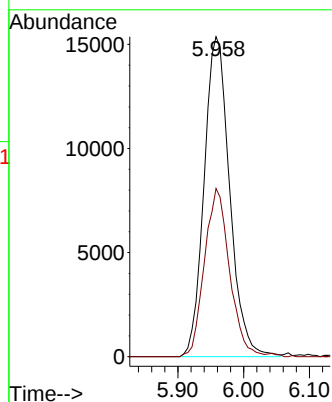
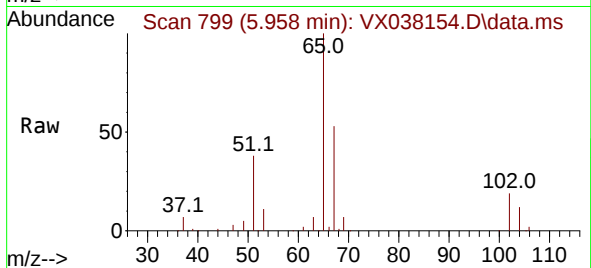




#27
 1,2-Dichloroethane-d4
 Concen: 32.282 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX038154.D
 Acq: 07 Oct 2023 03:19

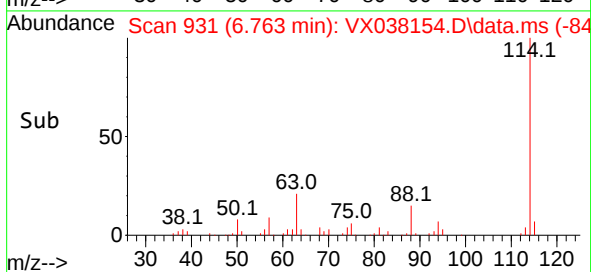
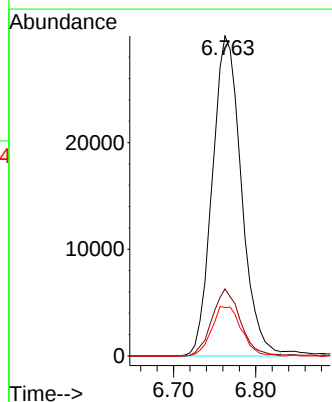
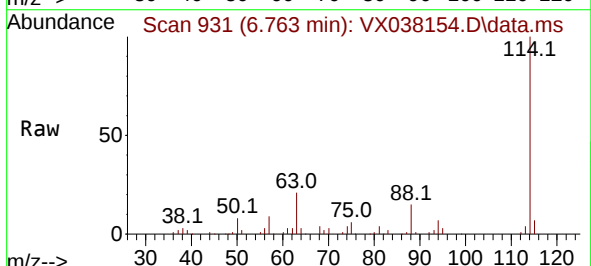
Instrument :
 MSVOA_X
 ClientSampleId :
 231003027-03RE

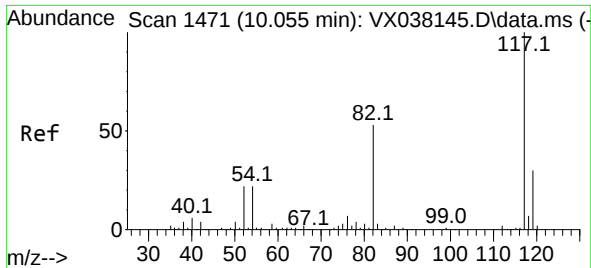
Tgt Ion: 65 Resp: 41606
 Ion Ratio Lower Upper
 65 100
 67 51.4 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX038154.D
 Acq: 07 Oct 2023 03:19

Tgt Ion: 114 Resp: 73585
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.6 24.8
 88 15.8 12.9 19.3





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX038154.D

Acq: 07 Oct 2023 03:19

Instrument :

MSVOA_X

ClientSampleId :

231003027-03RE

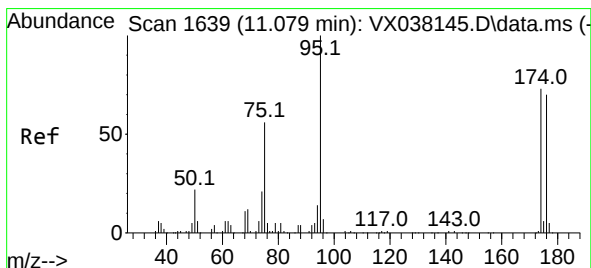
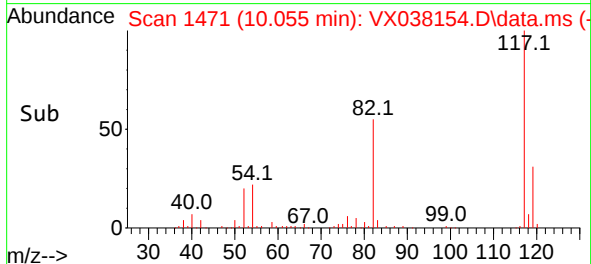
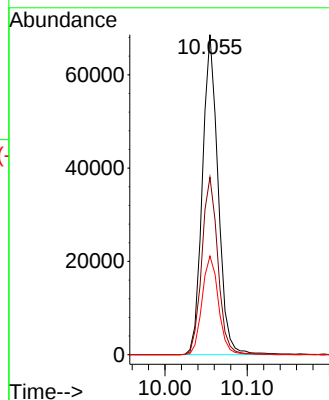
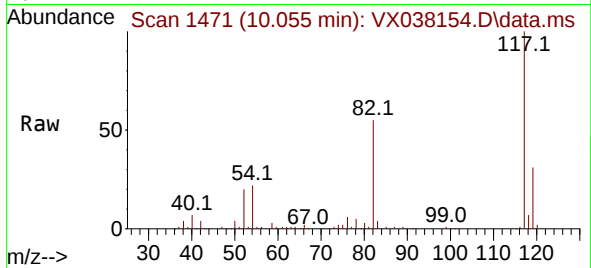
Tgt Ion:117 Resp: 91243

Ion Ratio Lower Upper

117 100

82 56.3 44.7 67.1

119 32.1 25.6 38.4



#60

4-Bromofluorobenzene

Concen: 28.659 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX038154.D

Acq: 07 Oct 2023 03:19

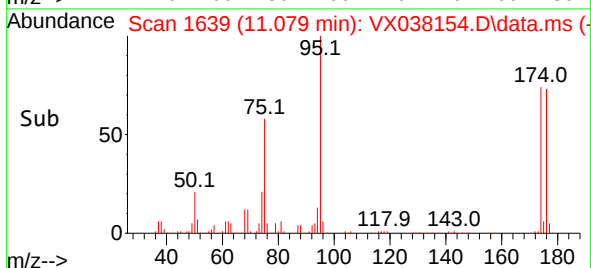
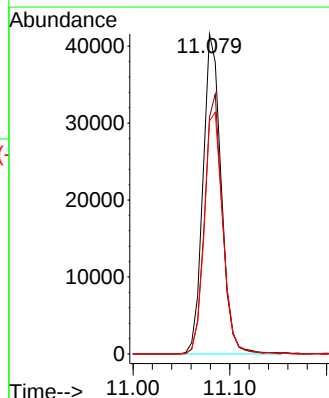
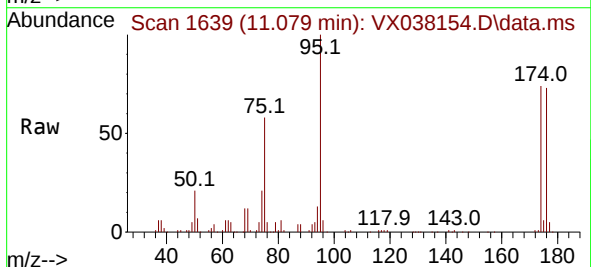
Tgt Ion: 95 Resp: 54473

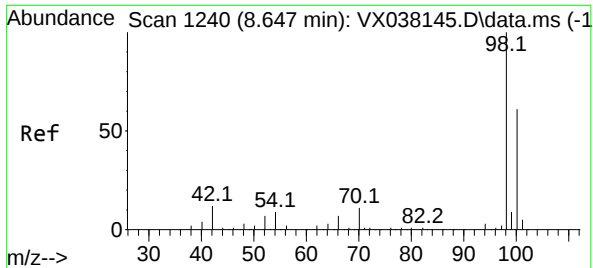
Ion Ratio Lower Upper

95 100

174 79.6 60.5 90.7

176 77.2 58.2 87.4





#63
Toluene-d8
Concen: 28.790 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038154.D
Acq: 07 Oct 2023 03:19

Instrument :
MSVOA_X
ClientSampleId :
231003027-03RE

Tgt Ion: 98 Resp: 101721
Ion Ratio Lower Upper
98 100
100 62.0 51.6 77.4

