

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031924\
 Data File : VX040713.D
 Acq On : 19 Mar 2024 11:22
 Operator : JC/MD
 Sample : P1788-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PEZOMETER-200

Quant Time: Mar 20 04:33:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X030524W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Mar 05 13:21:29 2024
 Response via : Initial Calibration

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

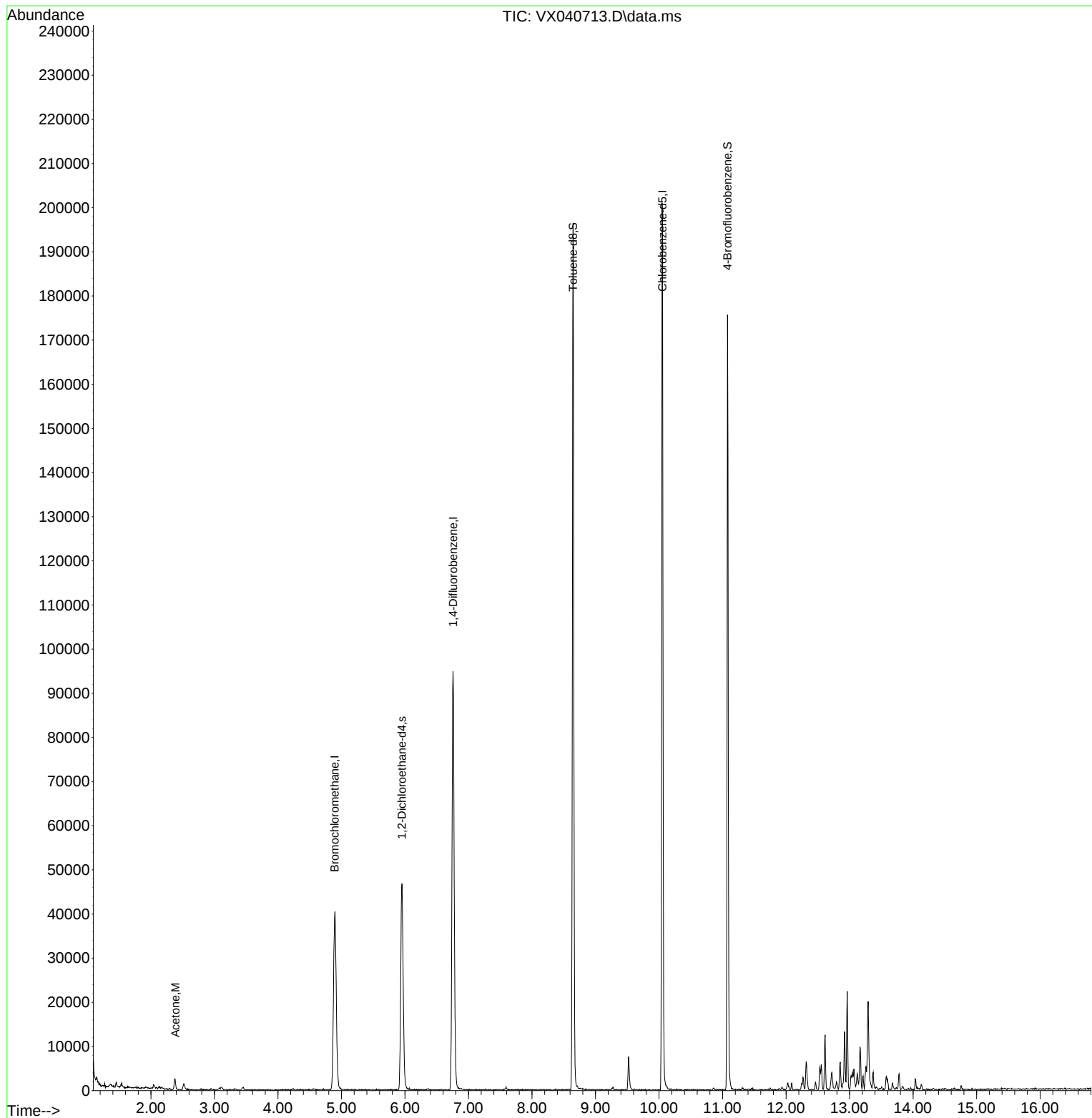
Internal Standards						
1) Bromochloromethane	4.891	128	15957	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.756	114	92348	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	86672	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	49737	31.209	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.033%
60) 4-Bromofluorobenzene	11.079	95	43568	29.305	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.700%
63) Toluene-d8	8.646	98	109618	28.619	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	95.400%
Target Compounds						
					Qvalue	
15) Acetone	2.385	58	695	3.939	ug/l #	65

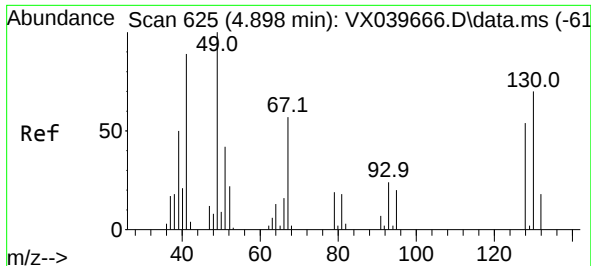
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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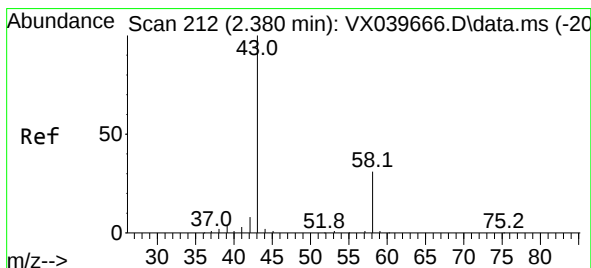
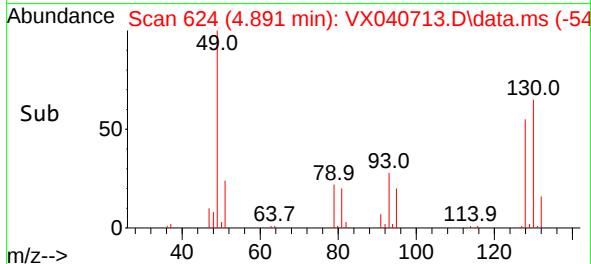
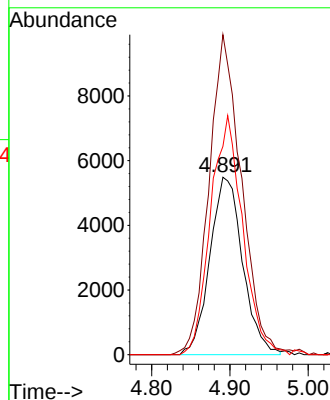
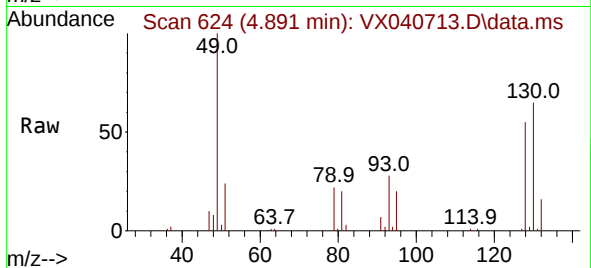




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.007 min
Lab File: VX040713.D
Acq: 19 Mar 2024 11:22

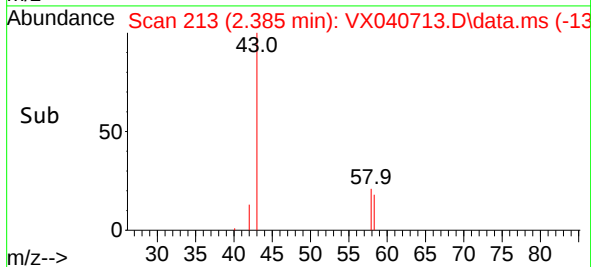
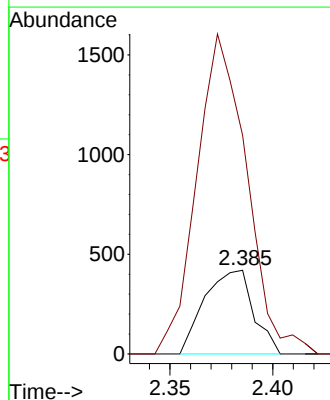
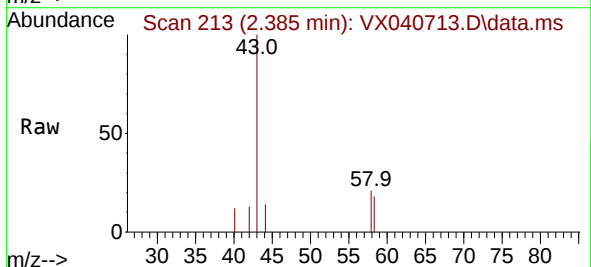
Instrument :
MSVOA_X
ClientSampleId :
PEZOMETER-200

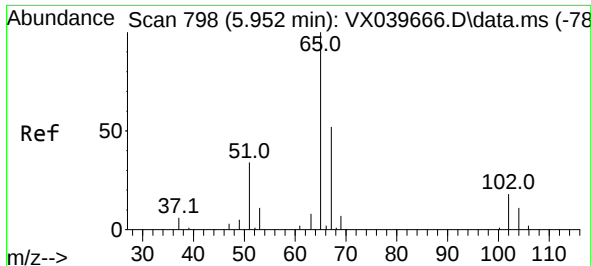
Tgt Ion:128 Resp: 15957
Ion Ratio Lower Upper
128 100
49 178.2 0.0 444.0
130 131.9 0.0 297.8



#15
Acetone
Concen: 3.939 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.005 min
Lab File: VX040713.D
Acq: 19 Mar 2024 11:22

Tgt Ion: 58 Resp: 695
Ion Ratio Lower Upper
58 100
43 242.1 249.9 374.9#

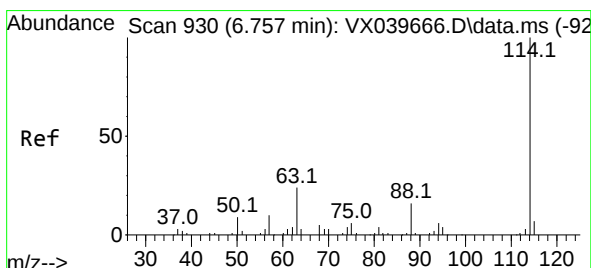
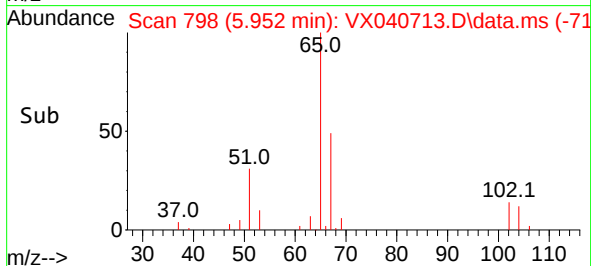
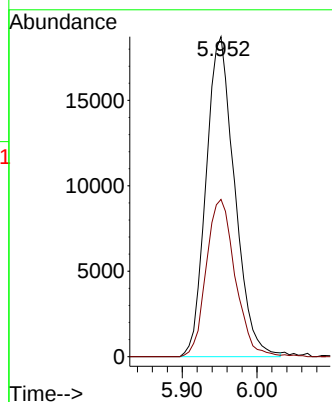
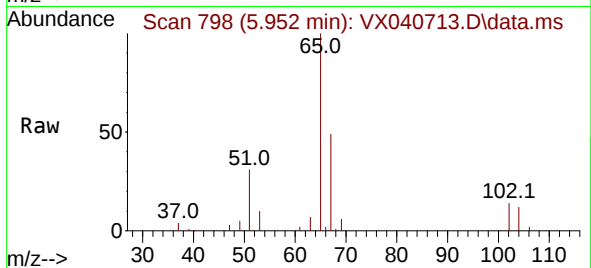




#27
 1,2-Dichloroethane-d4
 Concen: 31.209 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX040713.D
 Acq: 19 Mar 2024 11:22

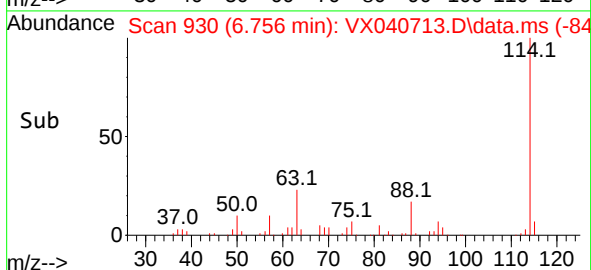
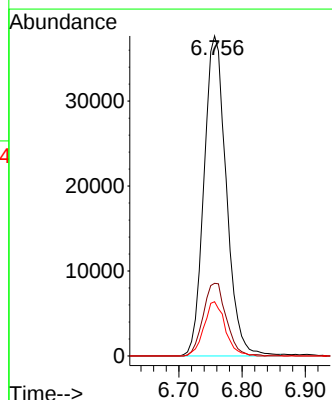
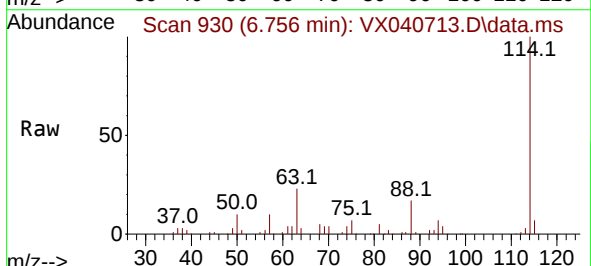
Instrument :
 MSVOA_X
 ClientSampleId :
 PEZOMETER-200

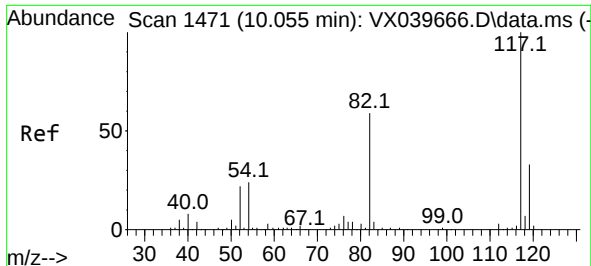
Tgt Ion: 65 Resp: 49737
 Ion Ratio Lower Upper
 65 100
 67 49.6 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.756 min Scan# 930
 Delta R.T. -0.001 min
 Lab File: VX040713.D
 Acq: 19 Mar 2024 11:22

Tgt Ion: 114 Resp: 92348
 Ion Ratio Lower Upper
 114 100
 63 23.4 17.0 25.4
 88 16.2 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX040713.D

Acq: 19 Mar 2024 11:22

Instrument :

MSVOA_X

ClientSampleId :

PEZOMETER-200

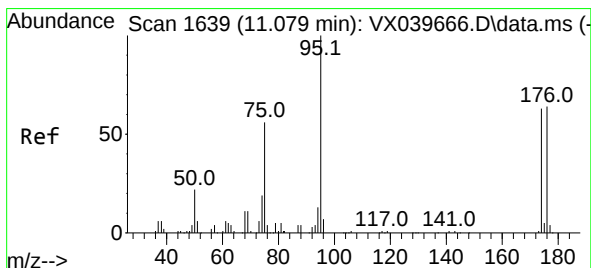
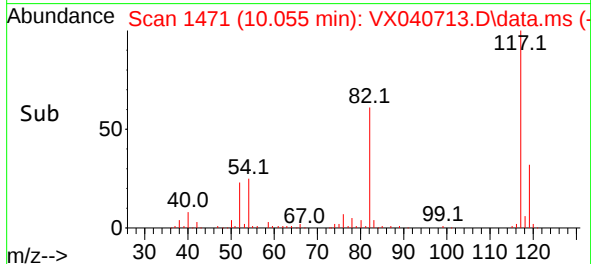
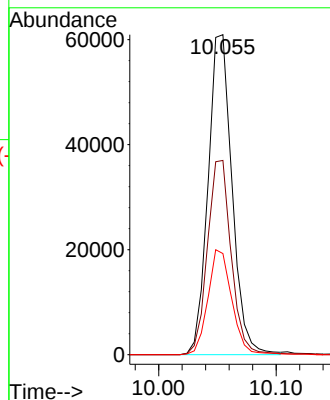
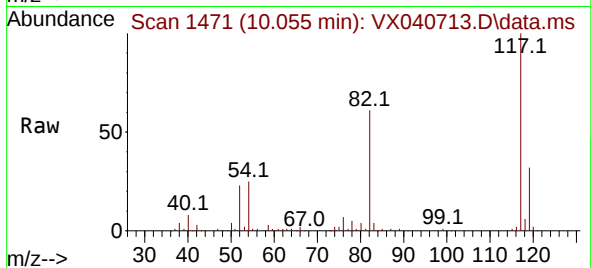
Tgt Ion:117 Resp: 86672

Ion Ratio Lower Upper

117 100

82 60.2 47.0 70.6

119 32.6 25.2 37.8



#60

4-Bromofluorobenzene

Concen: 29.305 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX040713.D

Acq: 19 Mar 2024 11:22

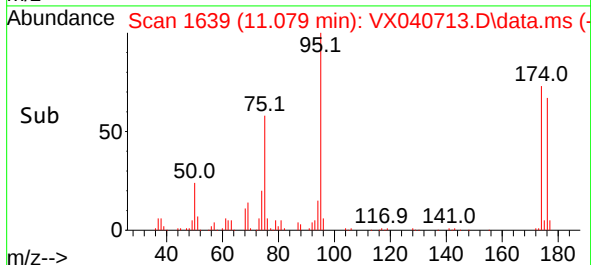
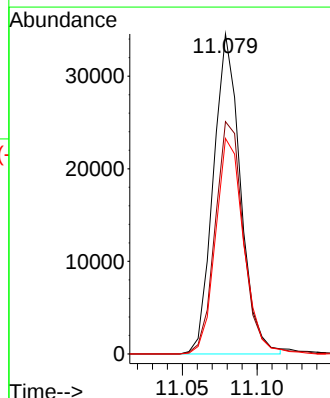
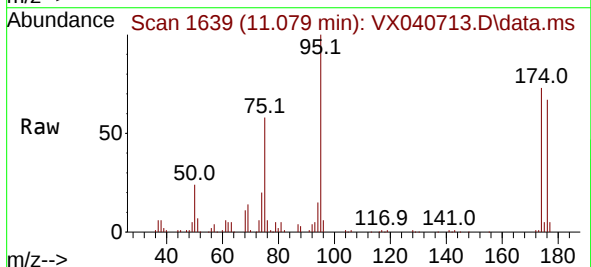
Tgt Ion: 95 Resp: 43568

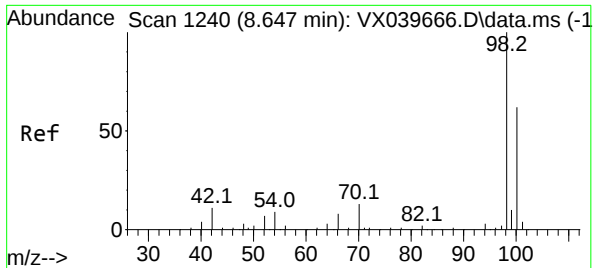
Ion Ratio Lower Upper

95 100

174 75.8 55.4 83.2

176 70.2 52.6 78.8





#63
Toluene-d8
Concen: 28.619 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX040713.D
Acq: 19 Mar 2024 11:22

Instrument :
MSVOA_X
ClientSampleId :
PEZOMETER-200

Tgt Ion: 98 Resp: 109618
Ion Ratio Lower Upper
98 100
100 64.8 51.0 76.4

