

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033374.D
 Acq On : 12 Dec 2022 15:05
 Operator : JC/MD
 Sample : N6005-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP

Quant Time: Dec 13 07:31:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X121222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 12 12:37:35 2022
 Response via : Initial Calibration

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

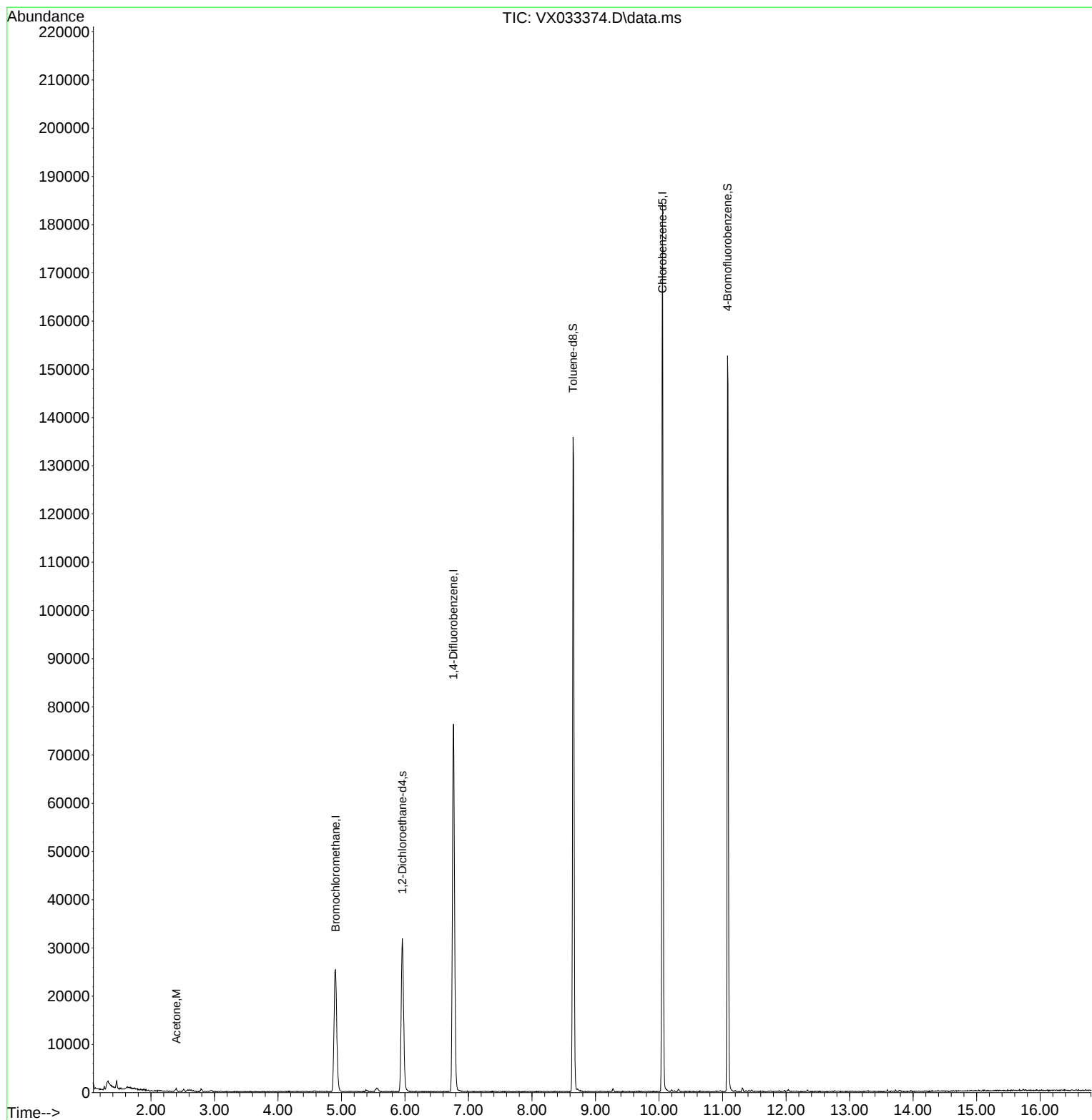
Internal Standards						
1) Bromochloromethane	4.910	128	11612	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	80432	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	83812	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32489	31.857	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 106.200%	
60) 4-Bromofluorobenzene	11.079	95	40759	26.257	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 87.533%	
63) Toluene-d8	8.647	98	84112	30.169	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.567%	
Target Compounds						
					Qvalue	
15) Acetone	2.398	58	204	1.157	ug/l #	38

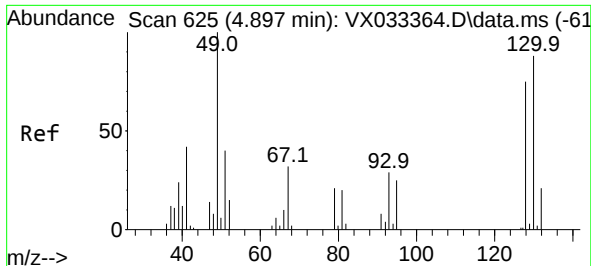
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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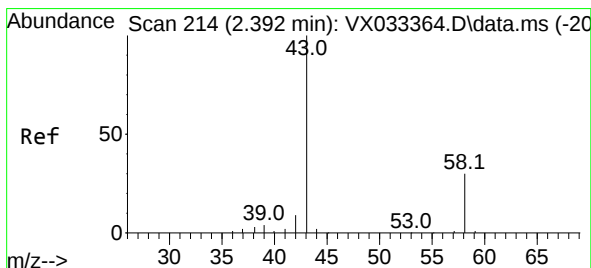
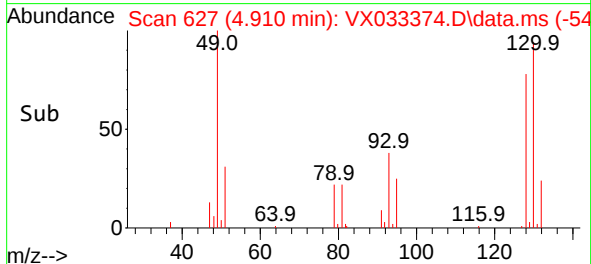
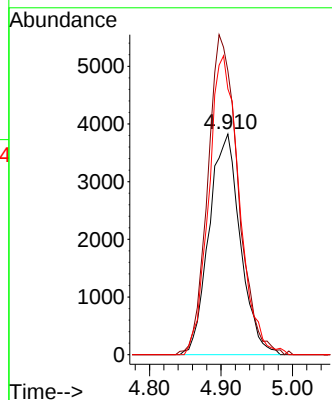
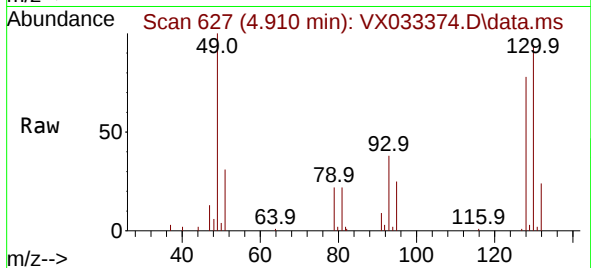




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX033374.D
Acq: 12 Dec 2022 15:05

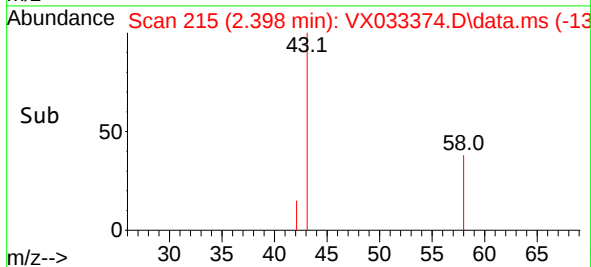
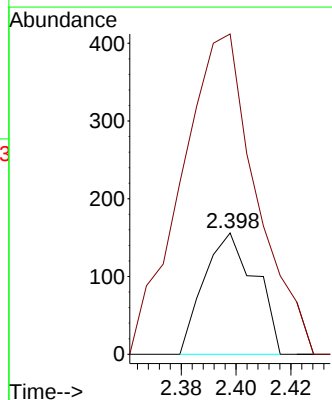
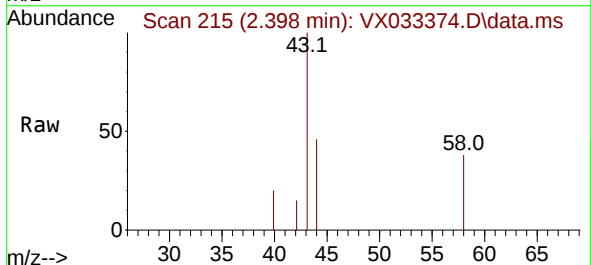
Instrument :
MSVOA_X
ClientSampleId :
TP

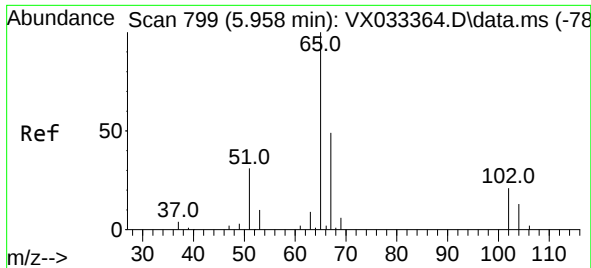
Tgt Ion:128 Resp: 11612
Ion Ratio Lower Upper
128 100
49 140.7 0.0 339.5
130 131.5 0.0 318.0



#15
Acetone
Concen: 1.157 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX033374.D
Acq: 12 Dec 2022 15:05

Tgt Ion: 58 Resp: 204
Ion Ratio Lower Upper
58 100
43 199.4 262.9 394.3#

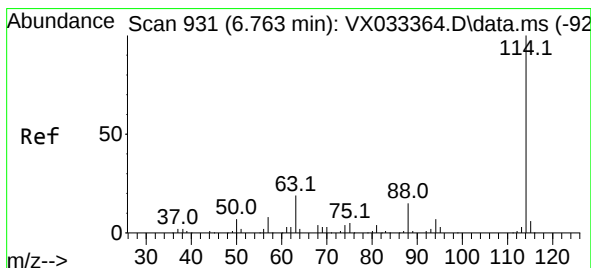
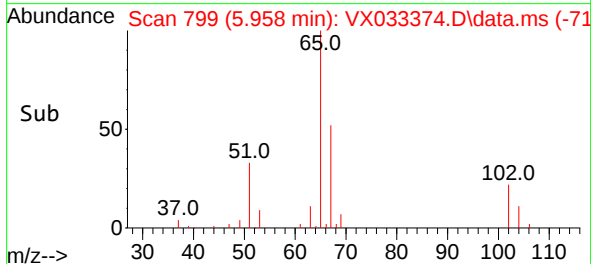
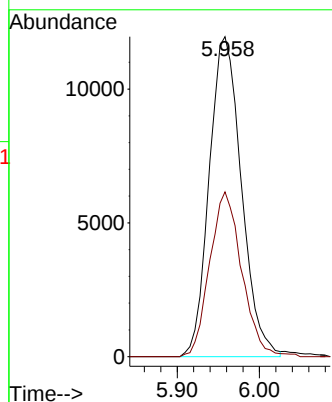
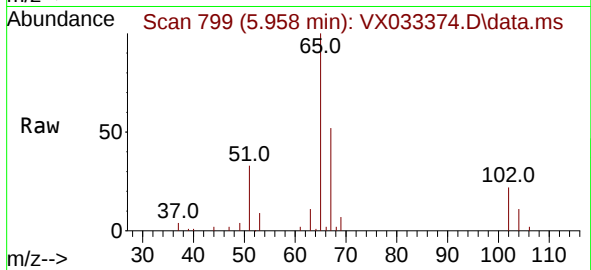




#27
 1,2-Dichloroethane-d4
 Concen: 31.857 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX033374.D
 Acq: 12 Dec 2022 15:05

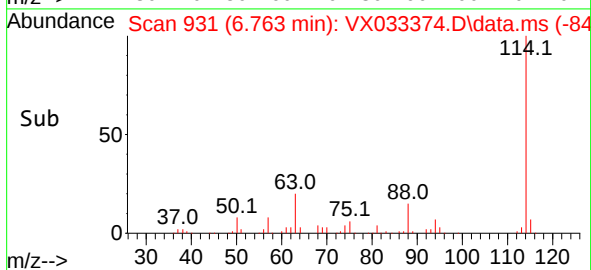
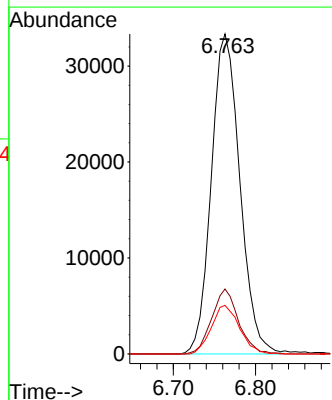
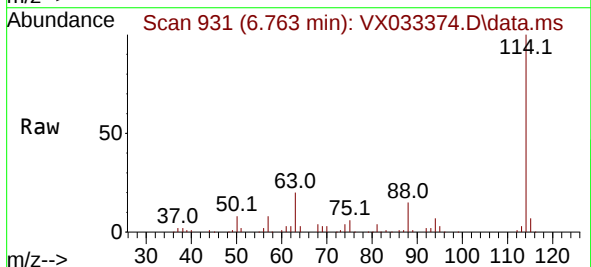
Instrument :
 MSVOA_X
 ClientSampleId :
 TP

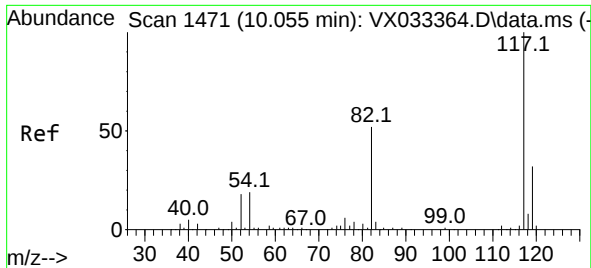
Tgt Ion: 65 Resp: 32489
 Ion Ratio Lower Upper
 65 100
 67 51.3 39.8 59.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX033374.D
 Acq: 12 Dec 2022 15:05

Tgt Ion: 114 Resp: 80432
 Ion Ratio Lower Upper
 114 100
 63 19.1 15.2 22.8
 88 15.0 12.2 18.4





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX033374.D

Acq: 12 Dec 2022 15:05

Instrument :

MSVOA_X

ClientSampleId :

TP

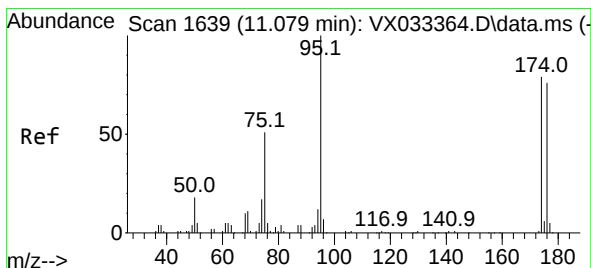
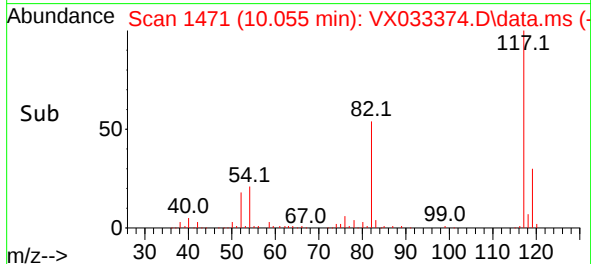
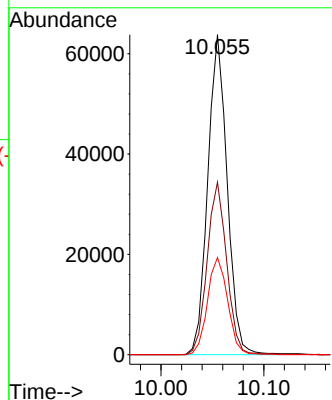
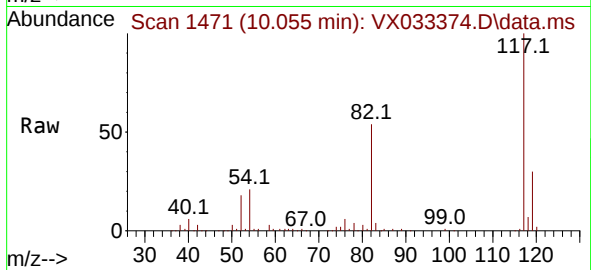
Tgt Ion:117 Resp: 83812

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 31.6 25.6 38.4



#60

4-Bromofluorobenzene

Concen: 26.257 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033374.D

Acq: 12 Dec 2022 15:05

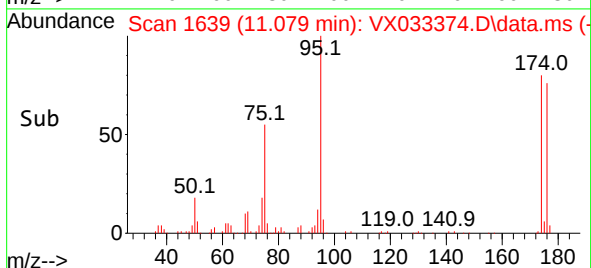
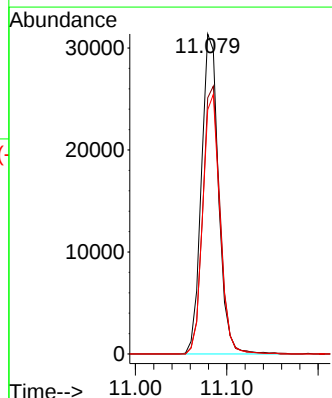
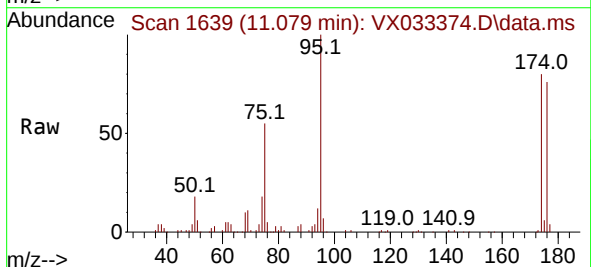
Tgt Ion: 95 Resp: 40759

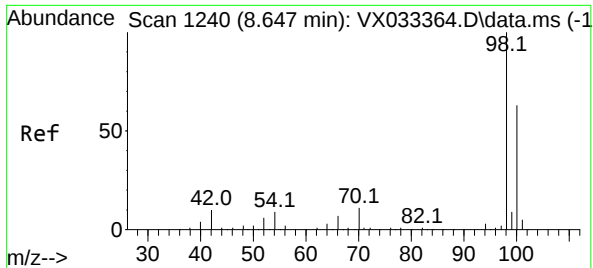
Ion Ratio Lower Upper

95 100

174 84.3 65.9 98.9

176 81.4 63.3 94.9





#63
Toluene-d8
Concen: 30.169 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033374.D
Acq: 12 Dec 2022 15:05

Instrument :
MSVOA_X
ClientSampleId :
TP

Tgt Ion: 98 Resp: 84112
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2

