

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121222\
 Data File : VX033375.D
 Acq On : 12 Dec 2022 15:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Dec 13 07:31:34 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)

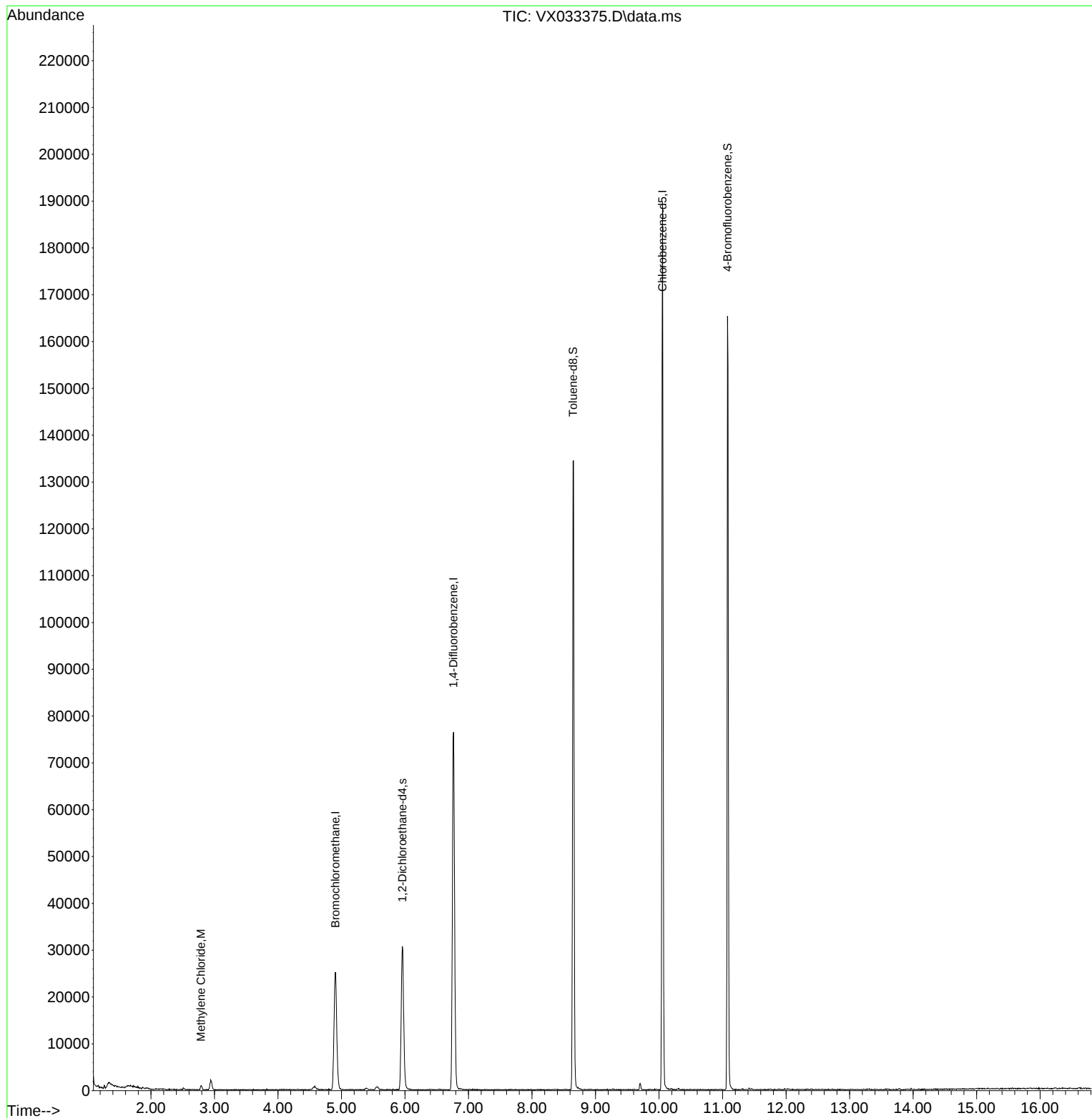
Internal Standards						
1) Bromochloromethane	4.904	128	11573	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	81653	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	85207	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	32209	31.689	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.633%
60) 4-Bromofluorobenzene	11.079	95	43080	27.298	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.000%
63) Toluene-d8	8.647	98	83735	29.542	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.467%
Target Compounds						
18) Methylene Chloride	2.788	84	541	0.467	ug/l	Qvalue # 75

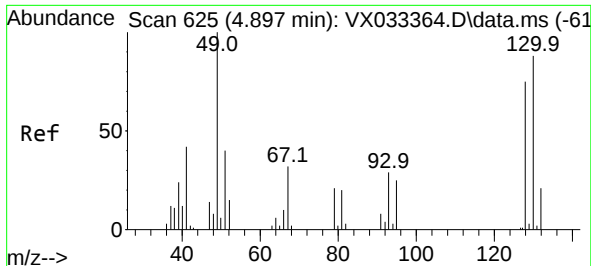
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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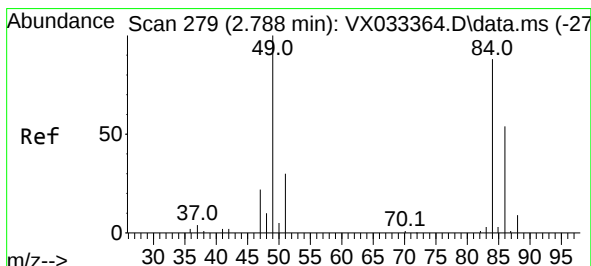
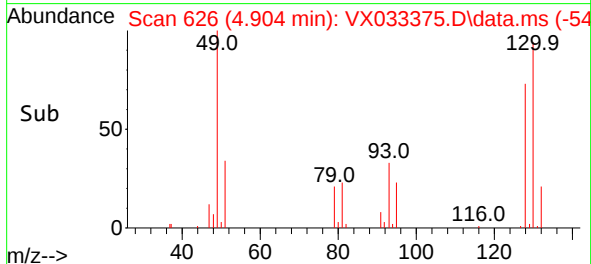
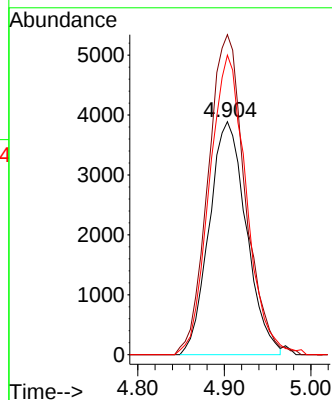
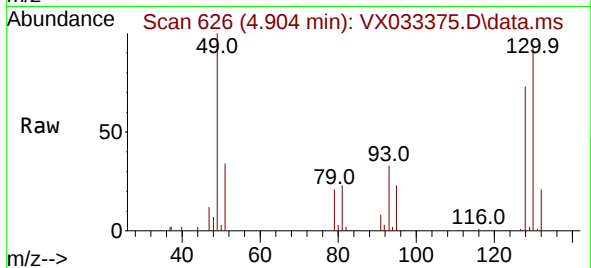




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX033375.D
Acq: 12 Dec 2022 15:28

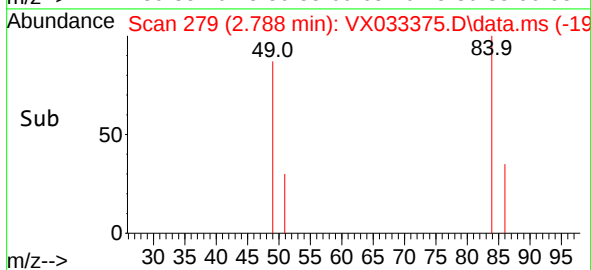
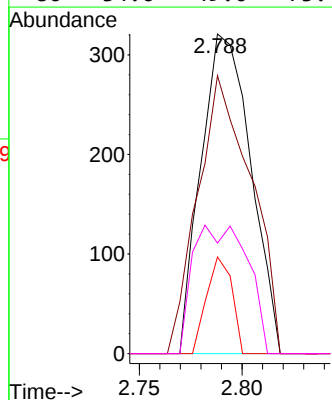
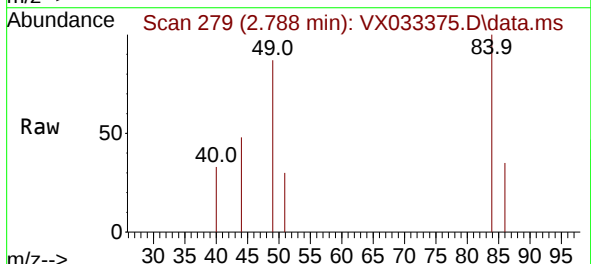
Instrument :
MSVOA_X
ClientSampleId :
IBLK

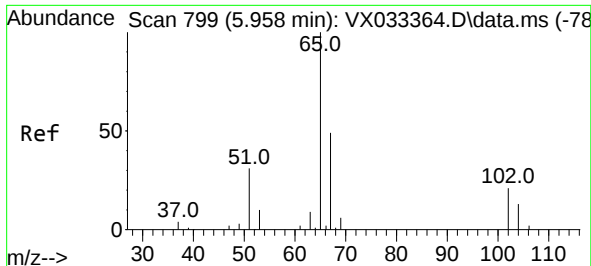
Tgt Ion:128 Resp: 11573
Ion Ratio Lower Upper
128 100
49 137.3 0.0 339.5
130 127.7 0.0 318.0



#18
Methylene Chloride
Concen: 0.467 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX033375.D
Acq: 12 Dec 2022 15:28

Tgt Ion: 84 Resp: 541
Ion Ratio Lower Upper
84 100
49 86.9 91.2 136.8#
51 30.2 27.3 40.9
86 34.6 49.0 73.4#

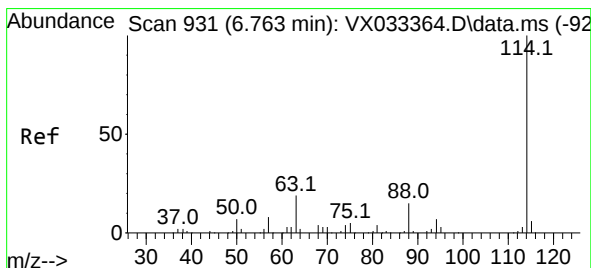
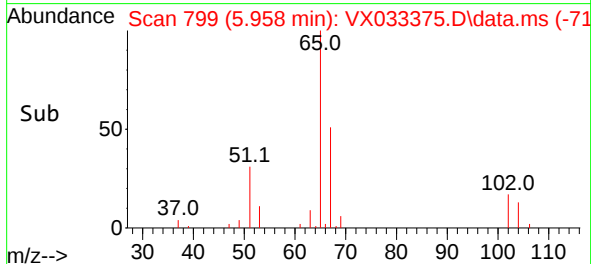
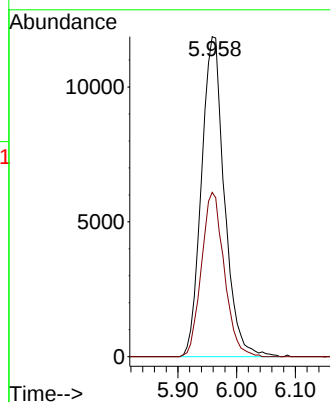
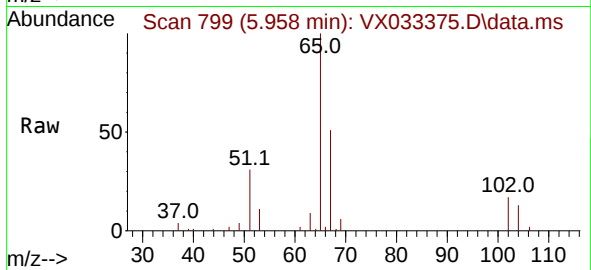




#27
 1,2-Dichloroethane-d4
 Concen: 31.689 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033375.D
 Acq: 12 Dec 2022 15:28

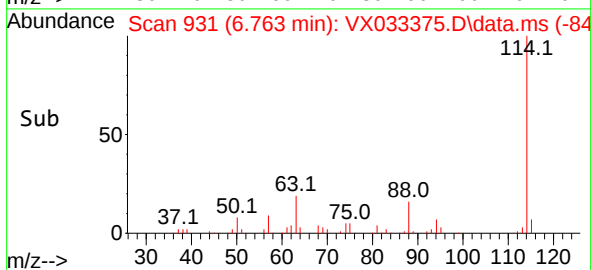
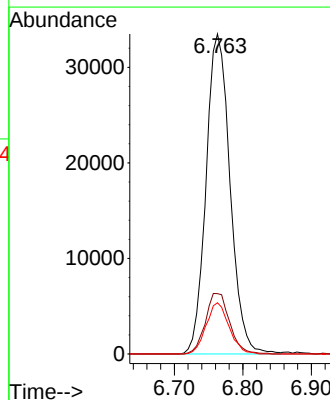
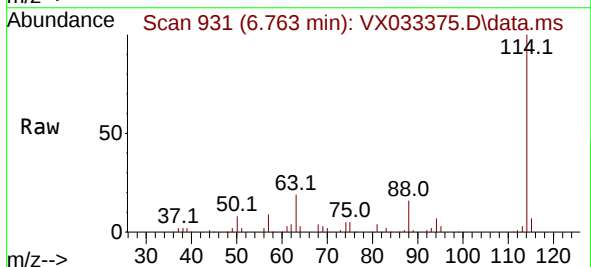
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

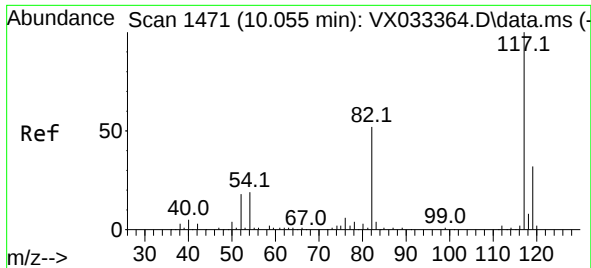
Tgt Ion: 65 Resp: 32209
 Ion Ratio Lower Upper
 65 100
 67 51.0 39.8 59.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033375.D
 Acq: 12 Dec 2022 15:28

Tgt Ion: 114 Resp: 81653
 Ion Ratio Lower Upper
 114 100
 63 19.0 15.2 22.8
 88 15.3 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: VX033375.D

Acq: 12 Dec 2022 15:28

Instrument :

MSVOA_X

ClientSampleId :

IBLK

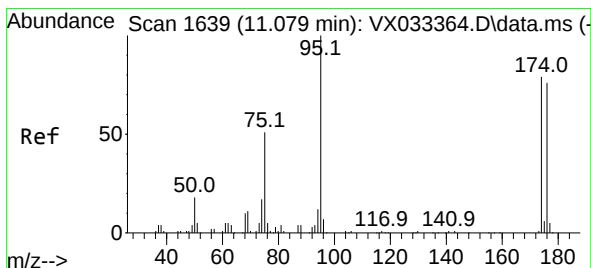
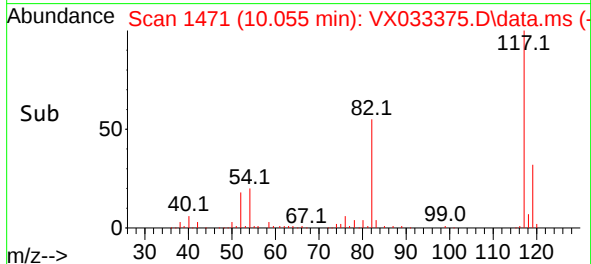
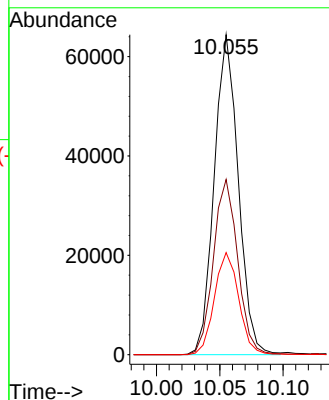
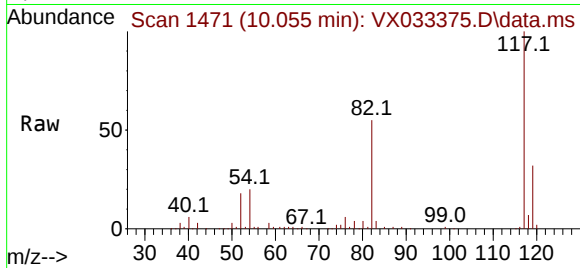
Tgt Ion:117 Resp: 85207

Ion Ratio Lower Upper

117 100

82 55.5 43.7 65.5

119 32.3 25.6 38.4



#60

4-Bromofluorobenzene

Concen: 27.298 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033375.D

Acq: 12 Dec 2022 15:28

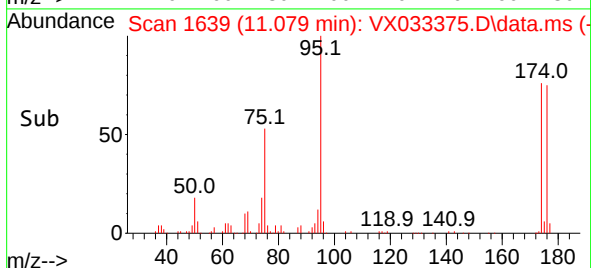
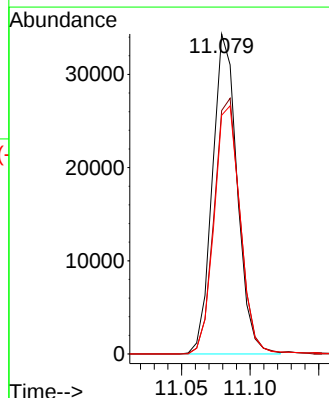
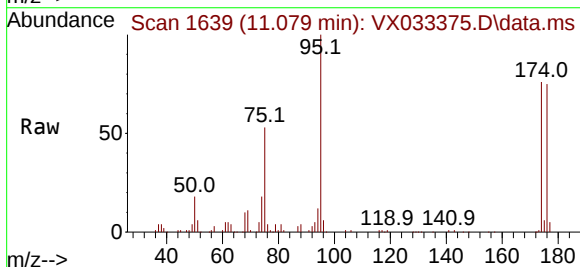
Tgt Ion: 95 Resp: 43080

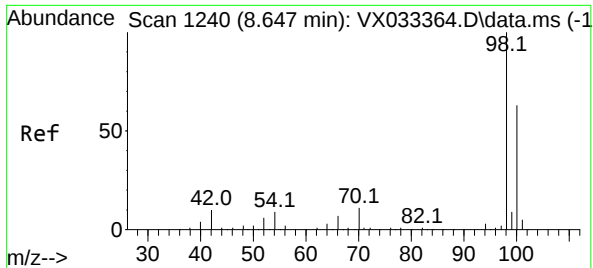
Ion Ratio Lower Upper

95 100

174 84.1 65.9 98.9

176 82.3 63.3 94.9





#63
Toluene-d8
Concen: 29.542 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033375.D
Acq: 12 Dec 2022 15:28

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 83735
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2

