

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112822\
 Data File : VX033099.D
 Acq On : 28 Nov 2022 18:56
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 29 03:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X111022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 11 05:24:06 2022
 Response via : Initial Calibration

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

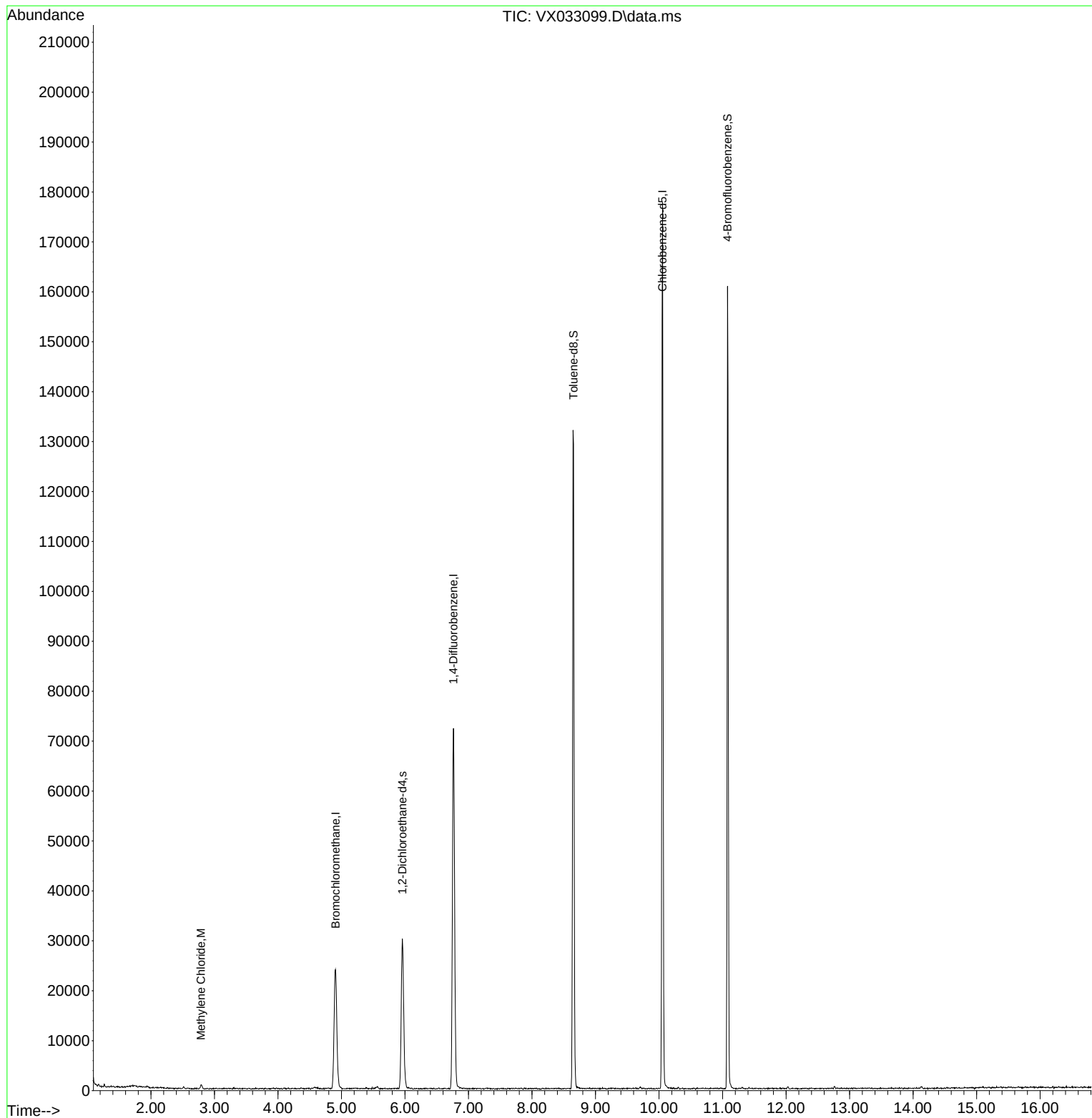
Internal Standards						
1) Bromochloromethane	4.910	128	10804	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	74620	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	78762	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	30001	28.784	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.933%
60) 4-Bromofluorobenzene	11.079	95	41333	27.434	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	91.433%
63) Toluene-d8	8.653	98	79229	29.807	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.367%
Target Compounds						
18) Methylene Chloride	2.788	84	437	0.361	ug/l	Qvalue # 86

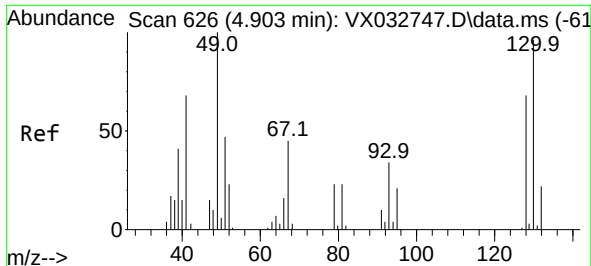
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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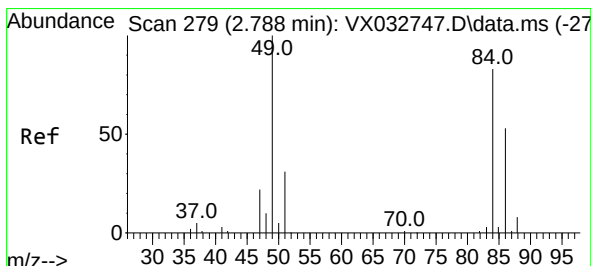
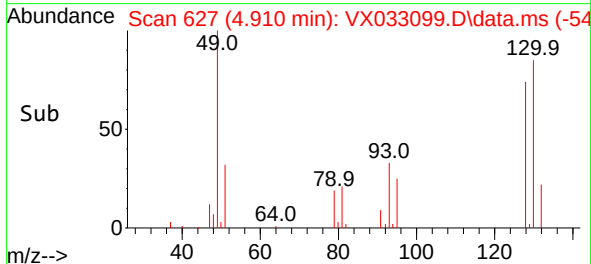
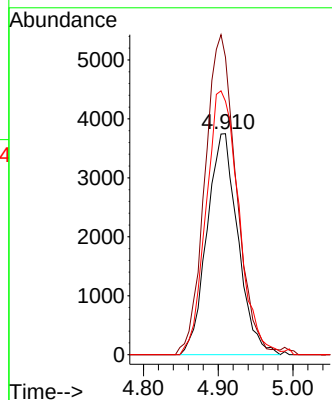
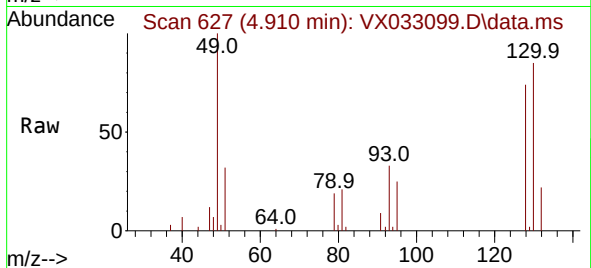




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.910 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX033099.D
Acq: 28 Nov 2022 18:56

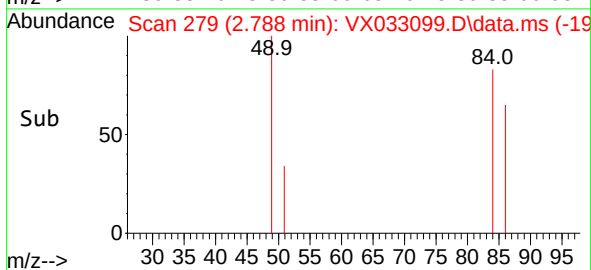
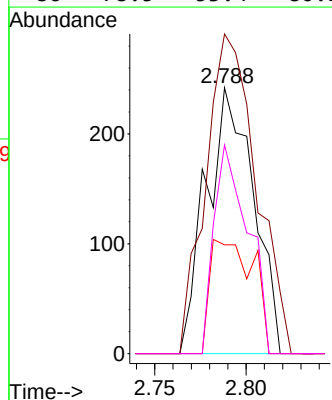
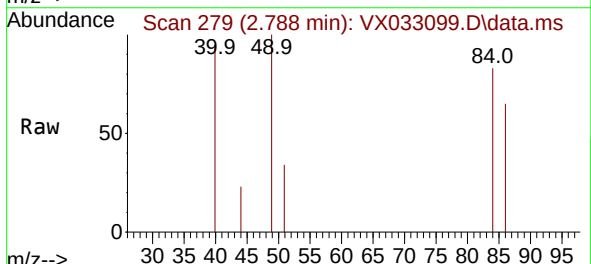
Instrument :
MSVOA_X
ClientSampleId :
IBLK

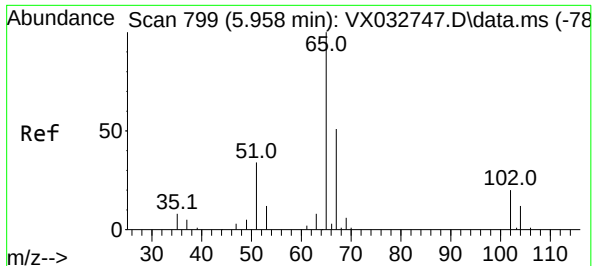
Tgt Ion:128 Resp: 10804
Ion Ratio Lower Upper
128 100
49 146.3 0.0 293.0
130 126.0 0.0 321.5



#18
Methylene Chloride
Concen: 0.361 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX033099.D
Acq: 28 Nov 2022 18:56

Tgt Ion: 84 Resp: 437
Ion Ratio Lower Upper
84 100
49 120.2 84.6 127.0
51 40.9 26.5 39.7#
86 78.5 53.4 80.2

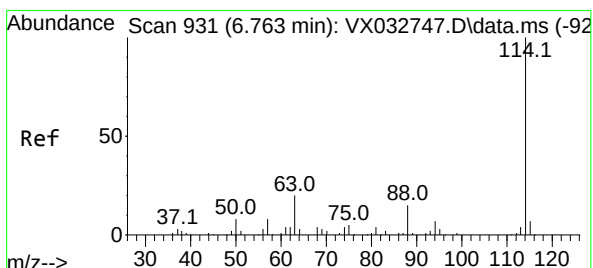
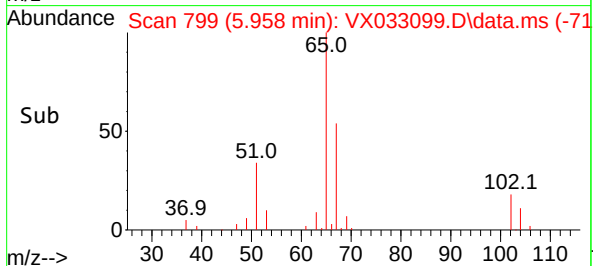
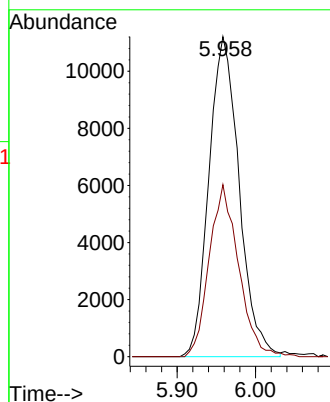
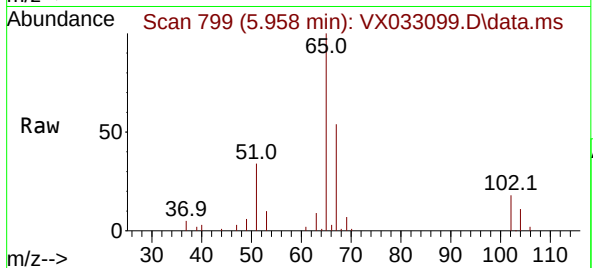




#27
 1,2-Dichloroethane-d4
 Concen: 28.784 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX033099.D
 Acq: 28 Nov 2022 18:56

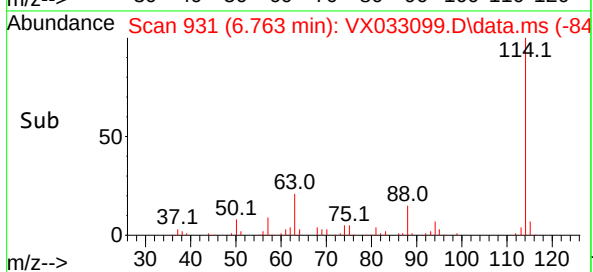
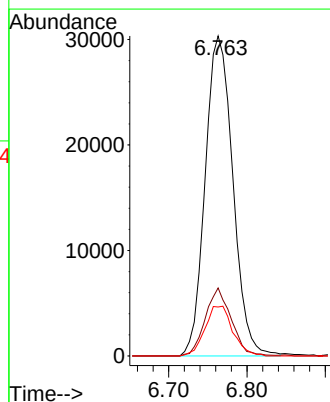
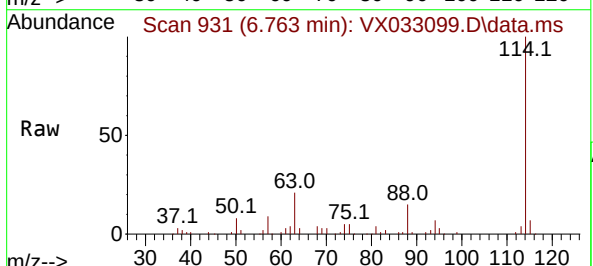
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

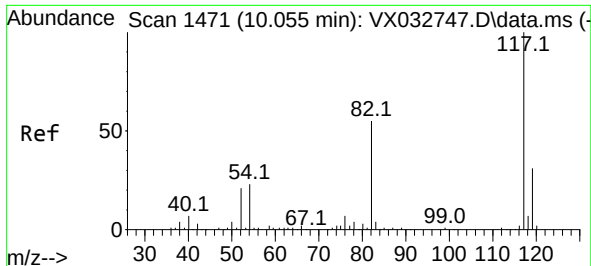
Tgt Ion: 65 Resp: 30001
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.8 62.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX033099.D
 Acq: 28 Nov 2022 18:56

Tgt Ion: 114 Resp: 74620
 Ion Ratio Lower Upper
 114 100
 63 19.8 13.6 20.4
 88 15.6 11.8 17.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033099.D

Acq: 28 Nov 2022 18:56

Instrument :

MSVOA_X

ClientSampleId :

IBLK

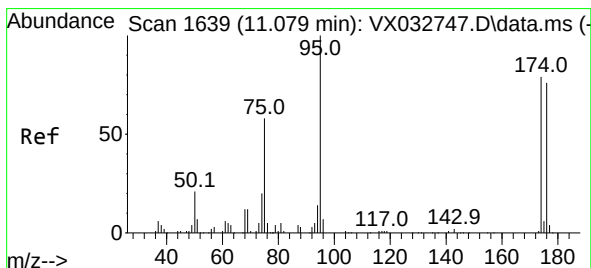
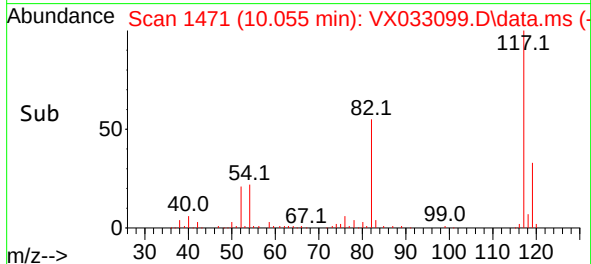
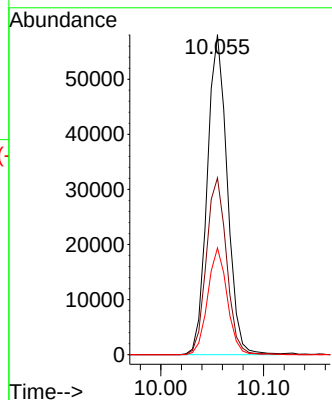
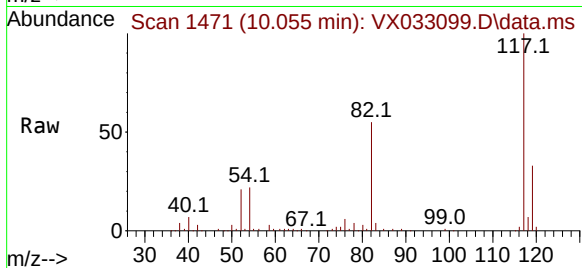
Tgt Ion:117 Resp: 78762

Ion Ratio Lower Upper

117 100

82 55.8 40.0 60.0

119 32.4 26.0 39.0



#60

4-Bromofluorobenzene

Concen: 27.434 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033099.D

Acq: 28 Nov 2022 18:56

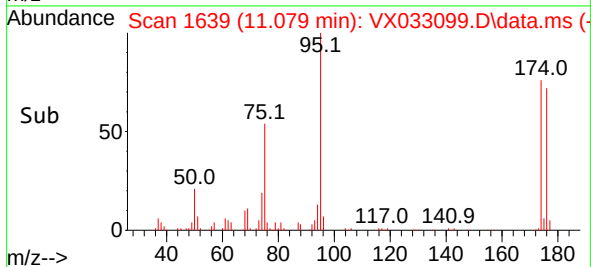
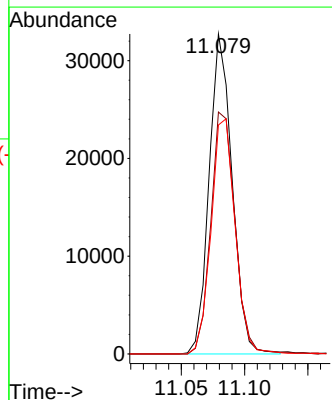
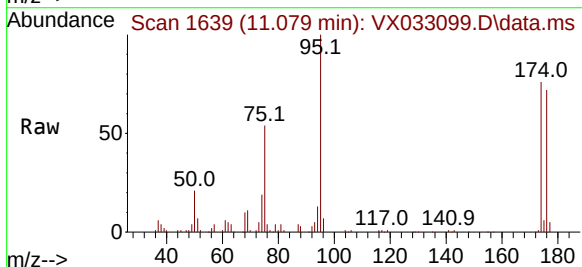
Tgt Ion: 95 Resp: 41333

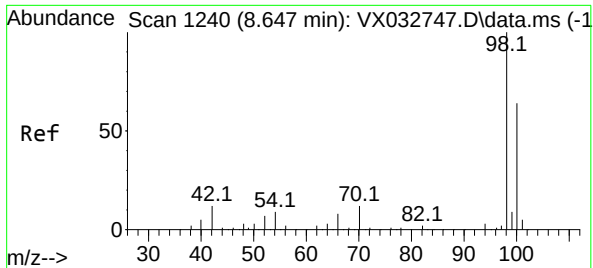
Ion Ratio Lower Upper

95 100

174 80.1 68.2 102.2

176 77.1 68.1 102.1





#63
Toluene-d8
Concen: 29.807 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033099.D
Acq: 28 Nov 2022 18:56

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 98 Resp: 79229
Ion Ratio Lower Upper
98 100
100 63.9 53.8 80.8

