

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061424\
 Data File : VX041893.D
 Acq On : 14 Jun 2024 21:17
 Operator : JC/MD
 Sample : P2807-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240606002-06-TRIP-BLANK

Quant Time: Jun 15 04:17:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061424W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 15 04:02:59 2024
 Response via : Initial Calibration

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

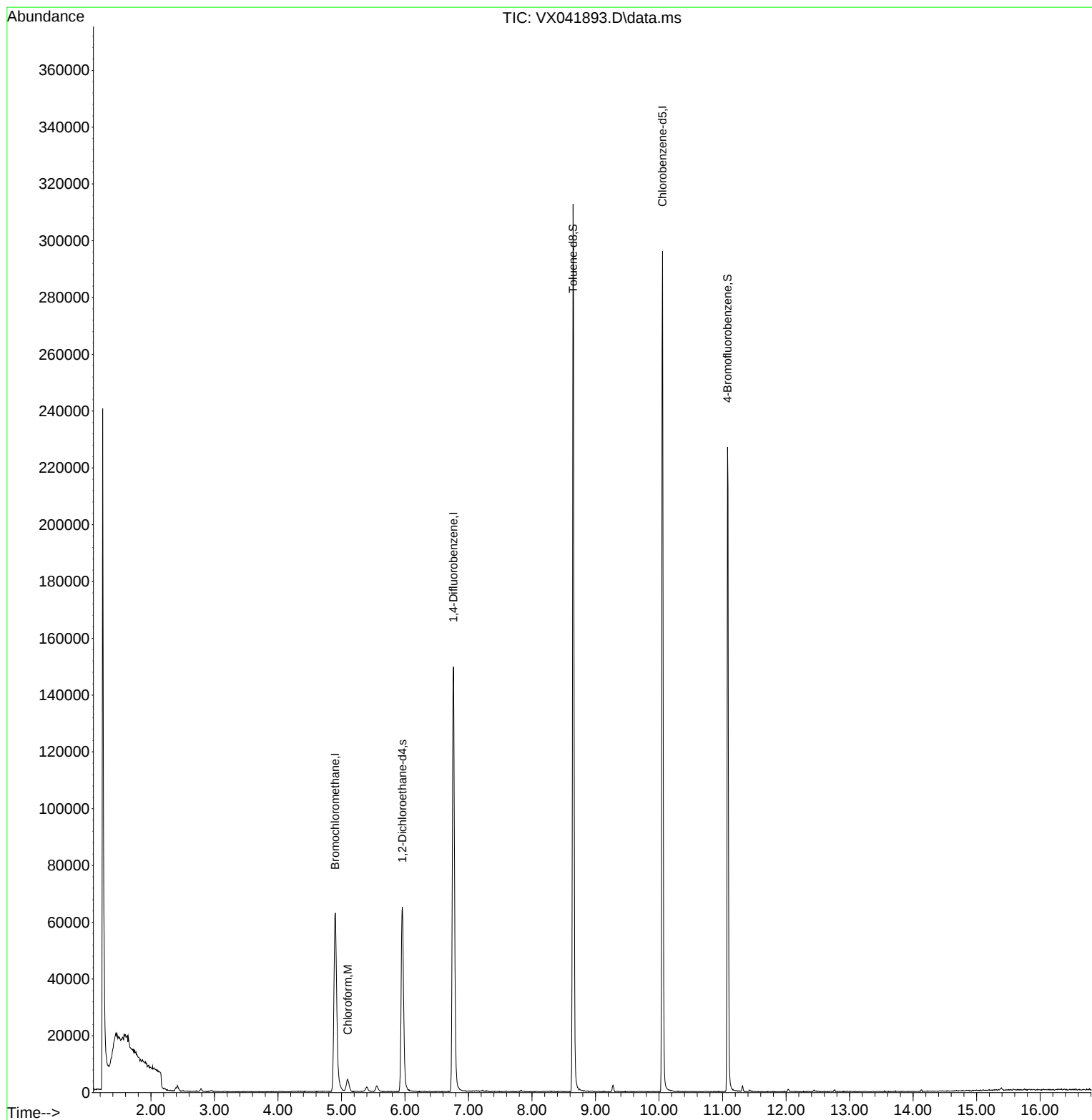
Internal Standards						
1) Bromochloromethane	4.897	128	32068	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	167812	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	152158	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61913	28.046	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.500%
60) 4-Bromofluorobenzene	11.079	95	62074	26.355	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.867%
63) Toluene-d8	8.647	98	194224	29.835	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.467%
Target Compounds						
25) Chloroform	5.099	83	5722	1.611	ug/l	Qvalue 96

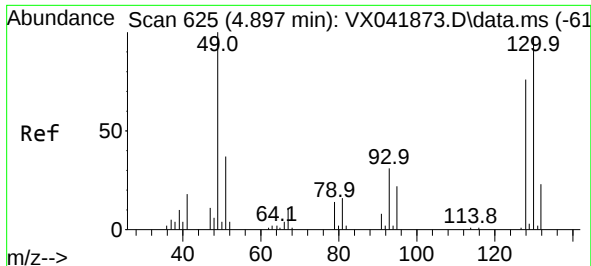
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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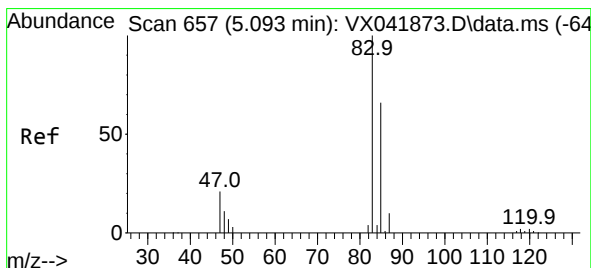
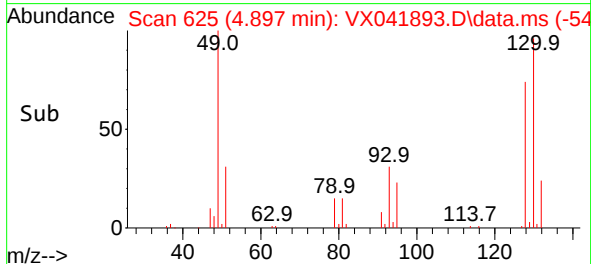
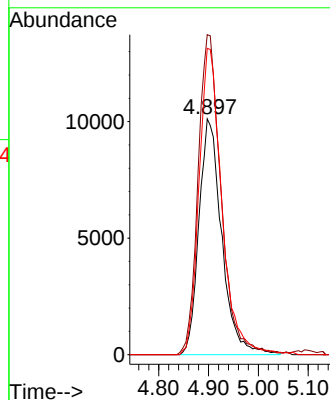
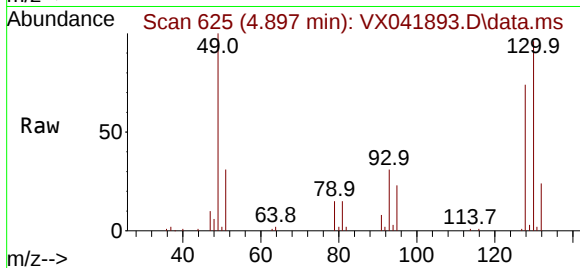




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.897 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX041893.D
Acq: 14 Jun 2024 21:17

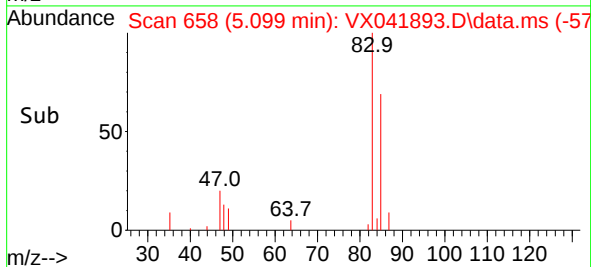
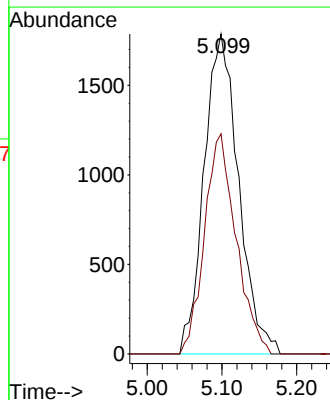
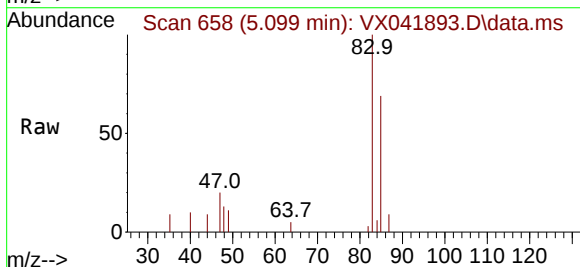
Instrument :
MSVOA_X
ClientSampleId :
240606002-06-TRIP-BLANK

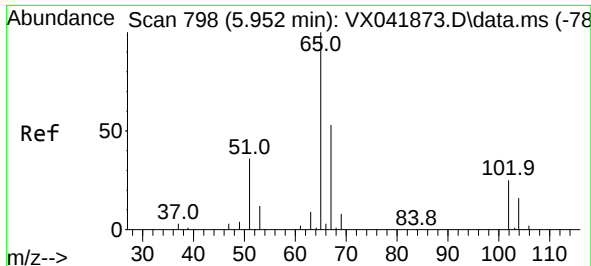
Tgt Ion:	128	Resp:	32068
Ion	Ratio	Lower	Upper
128	100		
49	135.9	0.0	338.5
130	129.3	0.0	324.5



#25
Chloroform
Concen: 1.611 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX041893.D
Acq: 14 Jun 2024 21:17

Tgt Ion:	83	Resp:	5722
Ion	Ratio	Lower	Upper
83	100		
85	68.8	52.7	79.1

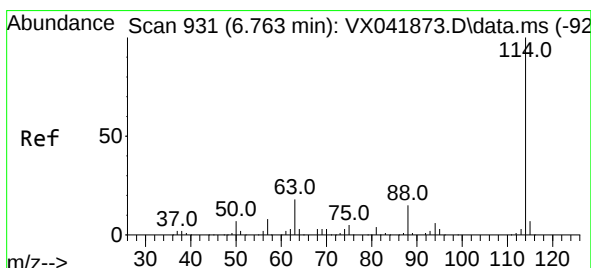
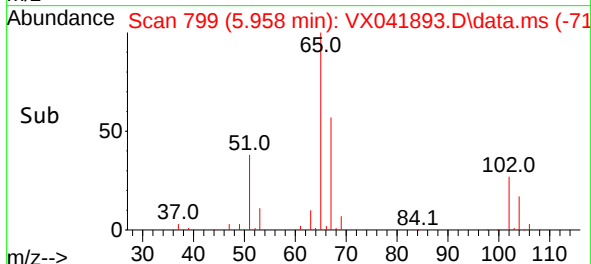
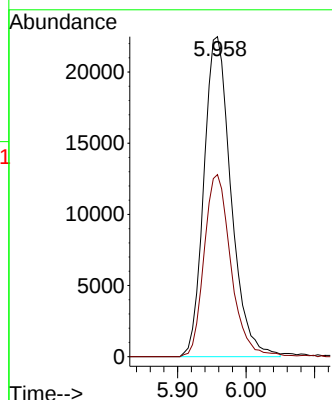
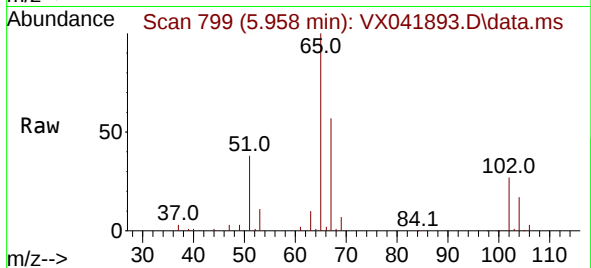




#27
 1,2-Dichloroethane-d4
 Concen: 28.046 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX041893.D
 Acq: 14 Jun 2024 21:17

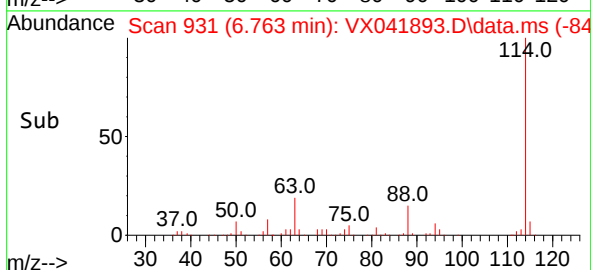
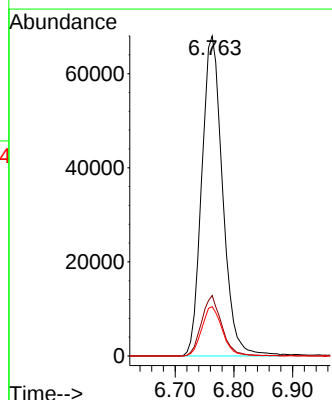
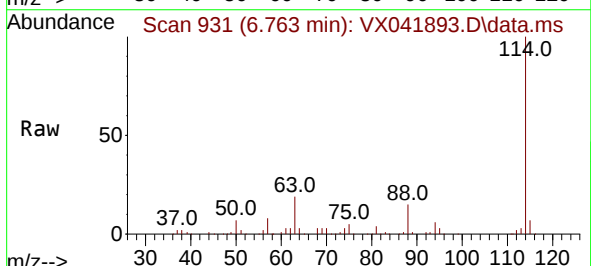
Instrument :
 MSVOA_X
 ClientSampleId :
 240606002-06-TRIP-BLANK

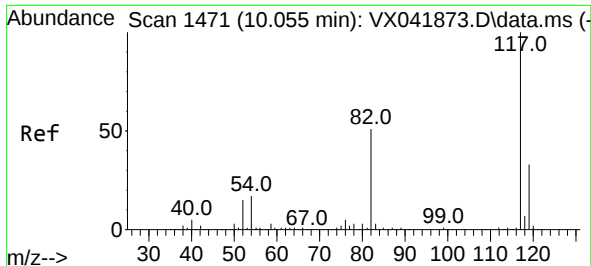
Tgt Ion: 65 Resp: 61913
 Ion Ratio Lower Upper
 65 100
 67 56.2 43.4 65.0



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX041893.D
 Acq: 14 Jun 2024 21:17

Tgt Ion: 114 Resp: 167812
 Ion Ratio Lower Upper
 114 100
 63 18.2 14.6 21.8
 88 15.2 11.8 17.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX041893.D

Acq: 14 Jun 2024 21:17

Instrument :

MSVOA_X

ClientSampleId :

240606002-06-TRIP-BLANK

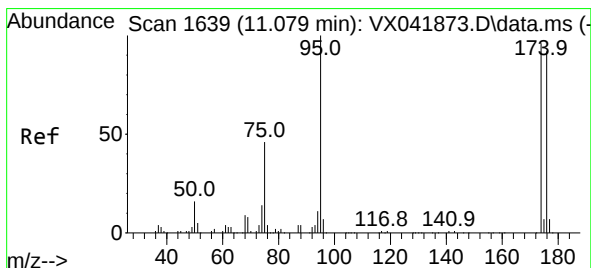
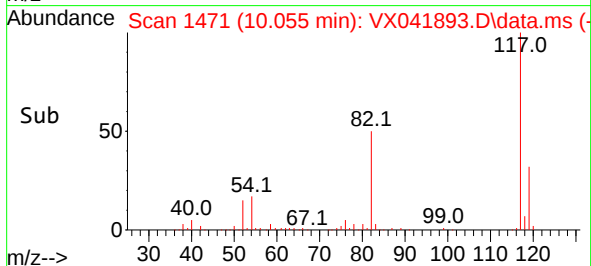
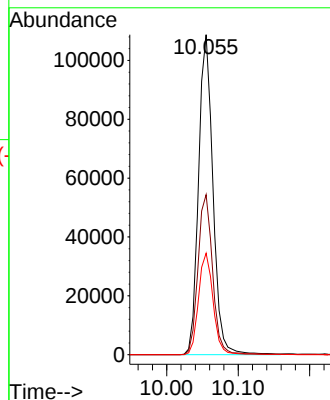
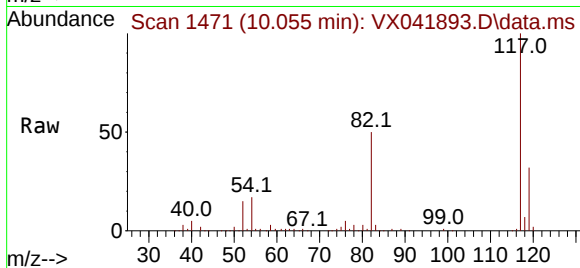
Tgt Ion:117 Resp: 152158

Ion Ratio Lower Upper

117 100

82 50.7 41.1 61.7

119 32.3 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.355 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041893.D

Acq: 14 Jun 2024 21:17

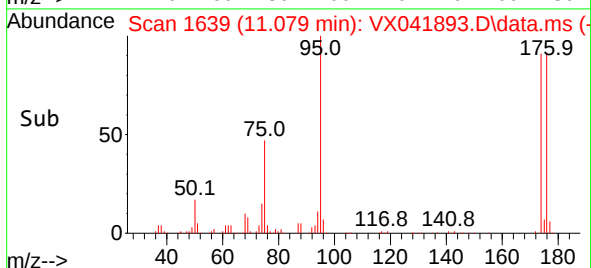
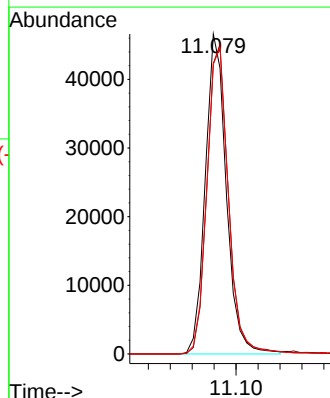
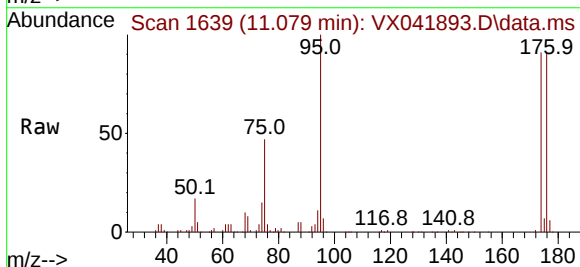
Tgt Ion: 95 Resp: 62074

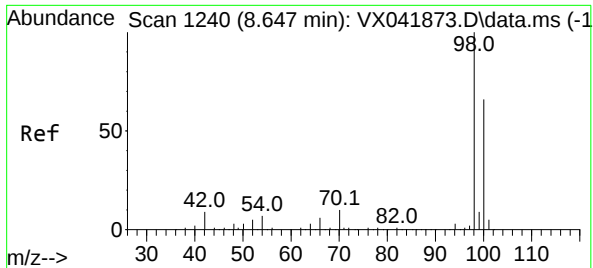
Ion Ratio Lower Upper

95 100

174 98.3 78.9 118.3

176 98.0 77.1 115.7





#63
 Toluene-d8
 Concen: 29.835 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX041893.D
 Acq: 14 Jun 2024 21:17

Instrument :
 MSVOA_X
 ClientSampleId :
 240606002-06-TRIP-BLANK

Tgt Ion: 98 Resp: 194224
 Ion Ratio Lower Upper
 98 100
 100 66.8 52.7 79.1

