

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062424\
 Data File : VX042012.D
 Acq On : 24 Jun 2024 18:14
 Operator : JC/MD
 Sample : P3029-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 240620002-10-TRIP-BLANK

Quant Time: Jun 25 06:46:07 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)

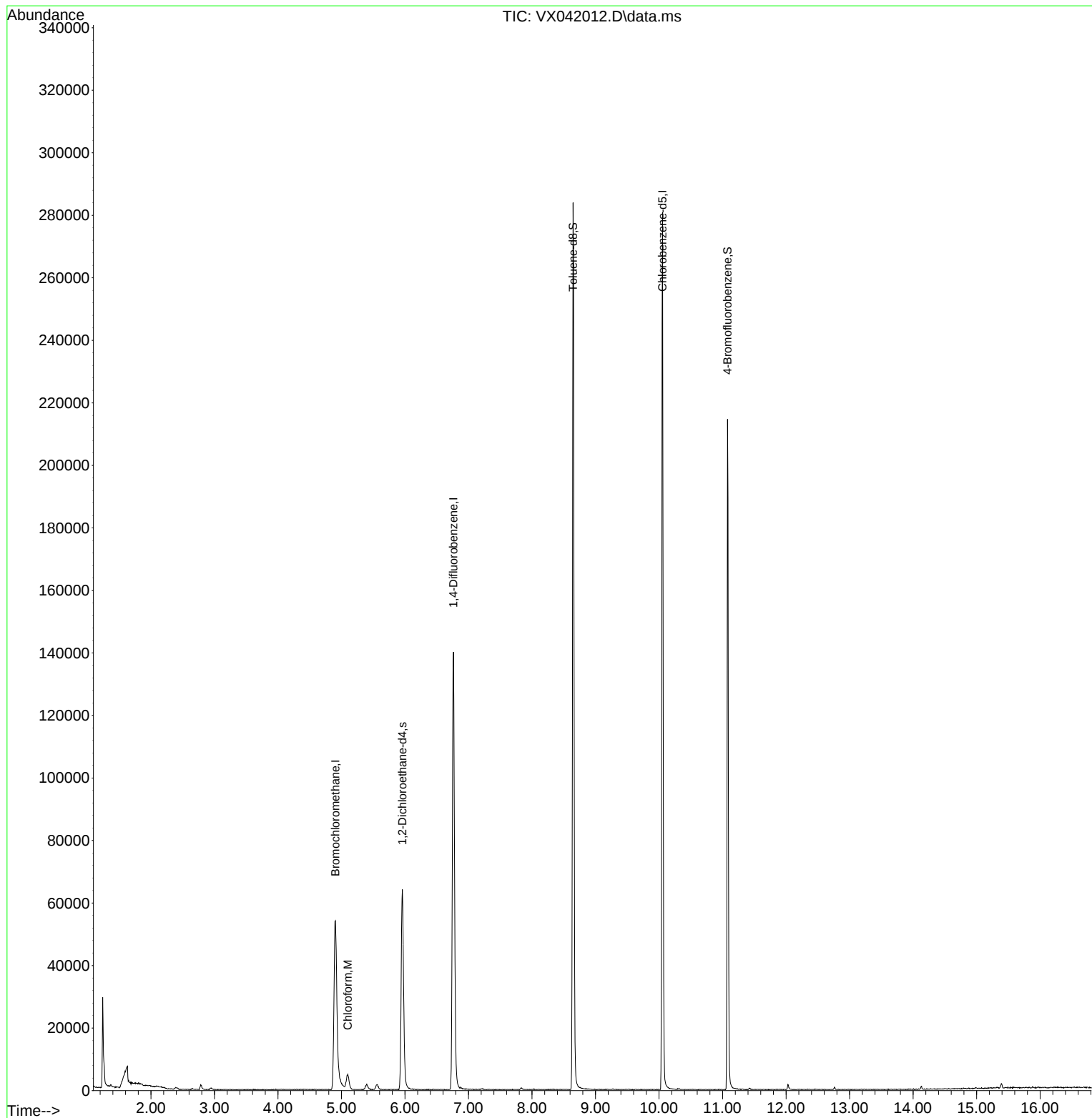
Internal Standards						
1) Bromochloromethane	4.904	128	28488	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.763	114	155739	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	139721	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	61351	31.284	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.267%
60) 4-Bromofluorobenzene	11.079	95	56970	26.341	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.800%
63) Toluene-d8	8.647	98	179555	30.037	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.133%
Target Compounds						
25) Chloroform	5.099	83	6433	2.039	ug/l	Qvalue 89

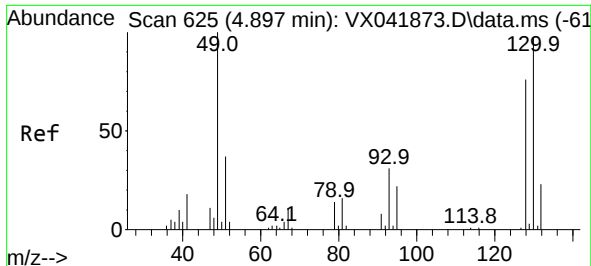
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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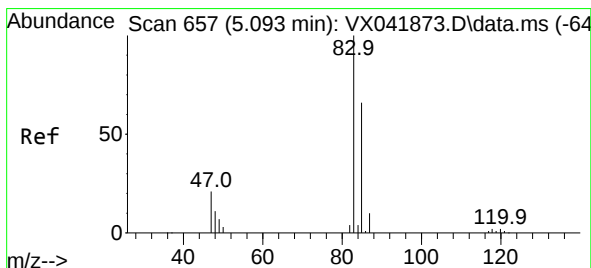
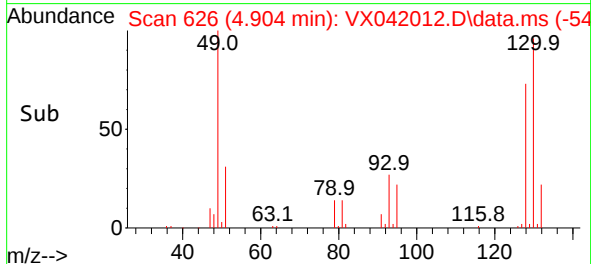
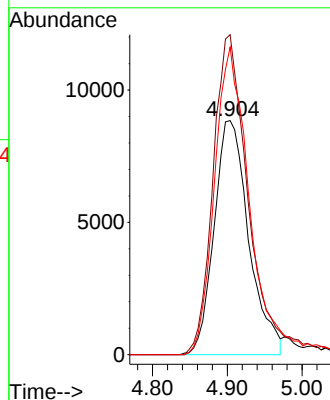
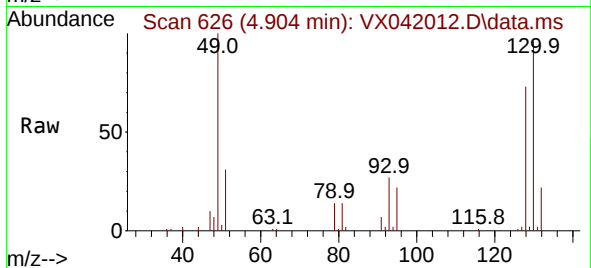




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX042012.D
Acq: 24 Jun 2024 18:14

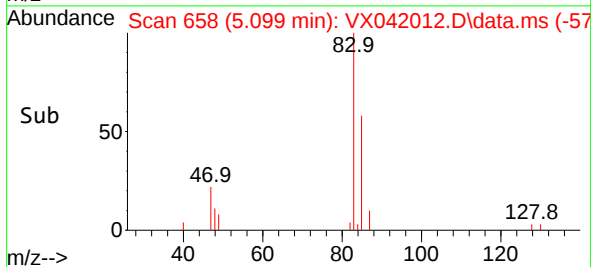
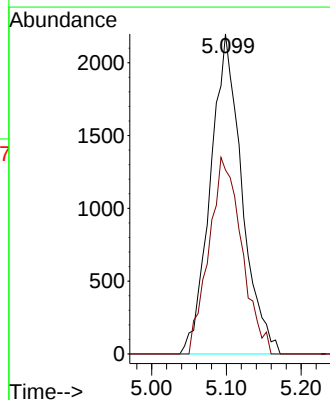
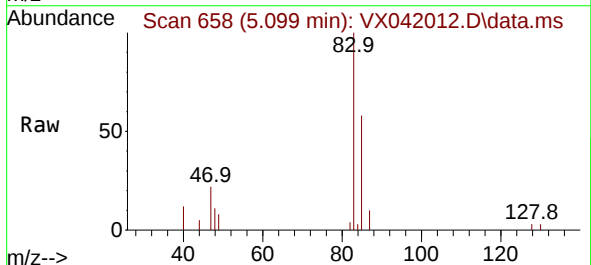
Instrument :
MSVOA_X
ClientSampleId :
240620002-10-TRIP-BLANK

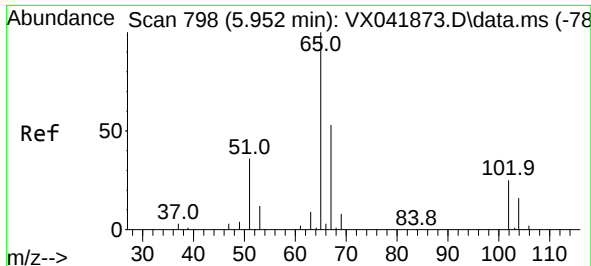
Tgt Ion:128 Resp: 28488
Ion Ratio Lower Upper
128 100
49 139.6 0.0 338.5
130 132.1 0.0 324.5



#25
Chloroform
Concen: 2.039 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.006 min
Lab File: VX042012.D
Acq: 24 Jun 2024 18:14

Tgt Ion: 83 Resp: 6433
Ion Ratio Lower Upper
83 100
85 57.5 52.7 79.1





#27

1,2-Dichloroethane-d4

Concen: 31.284 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX042012.D

Acq: 24 Jun 2024 18:14

Instrument :

MSVOA_X

ClientSampleId :

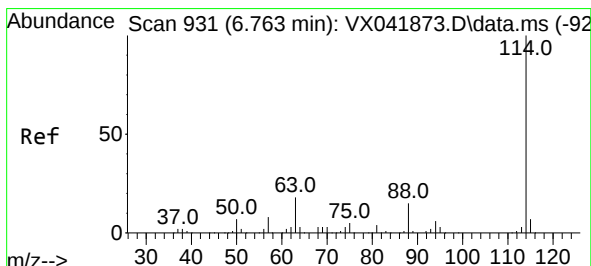
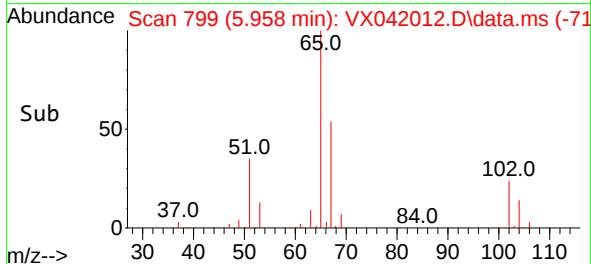
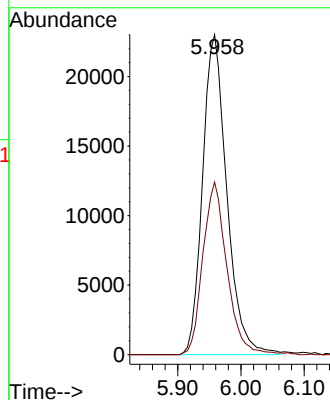
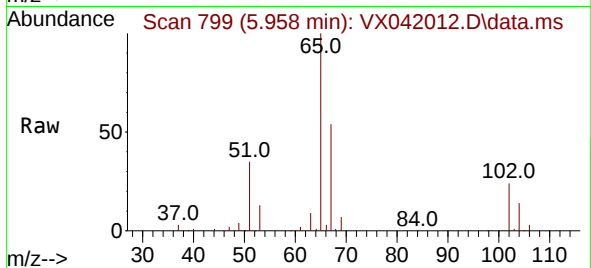
240620002-10-TRIP-BLANK

Tgt Ion: 65 Resp: 61351

Ion Ratio Lower Upper

65 100

67 53.5 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: VX042012.D

Acq: 24 Jun 2024 18:14

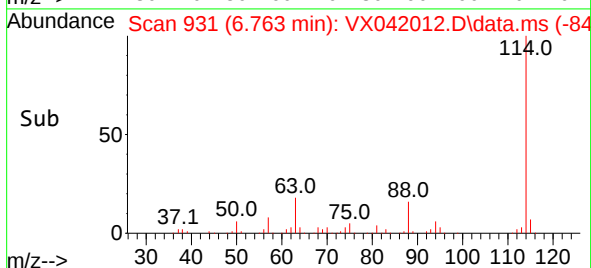
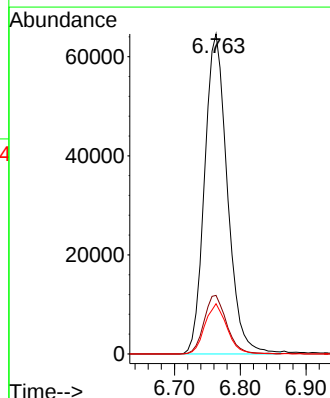
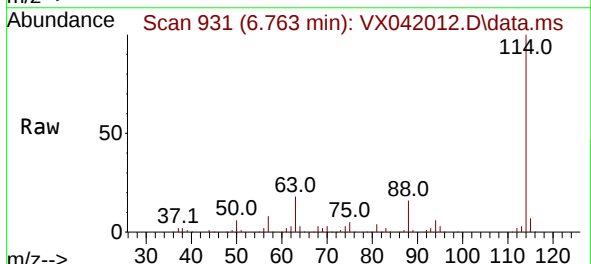
Tgt Ion: 114 Resp: 155739

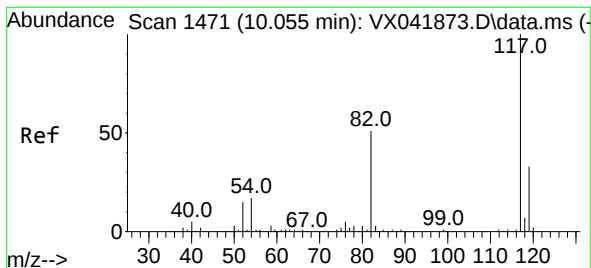
Ion Ratio Lower Upper

114 100

63 18.1 14.6 21.8

88 15.1 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: VX042012.D

Acq: 24 Jun 2024 18:14

Instrument :

MSVOA_X

ClientSampleId :

240620002-10-TRIP-BLANK

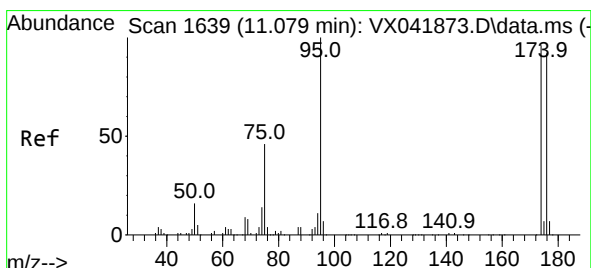
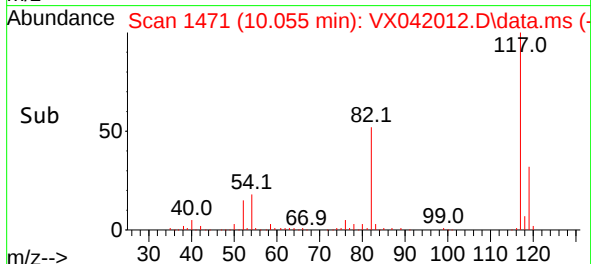
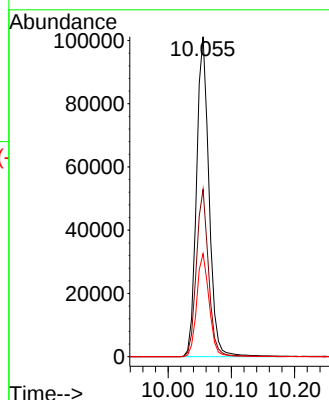
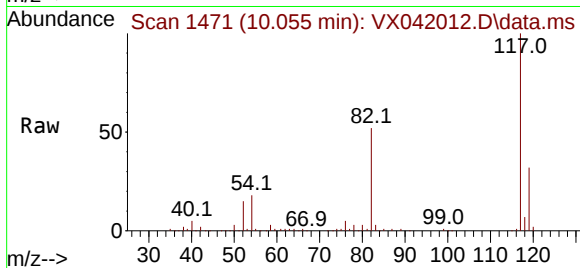
Tgt Ion:117 Resp: 139721

Ion Ratio Lower Upper

117 100

82 51.0 41.1 61.7

119 31.8 26.1 39.1



#60

4-Bromofluorobenzene

Concen: 26.341 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX042012.D

Acq: 24 Jun 2024 18:14

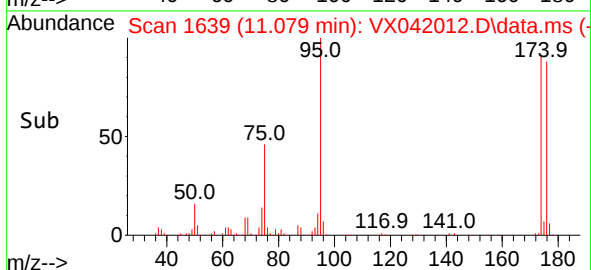
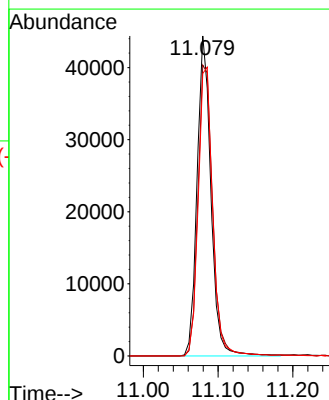
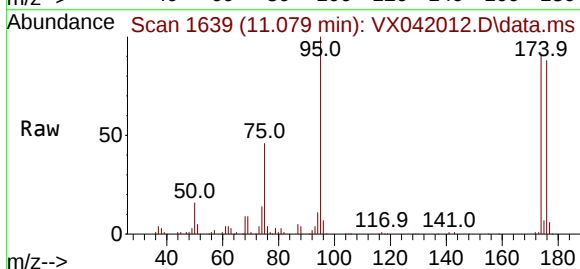
Tgt Ion: 95 Resp: 56970

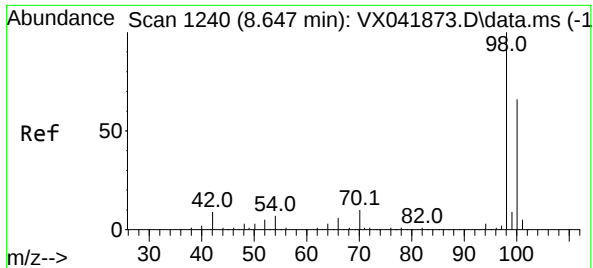
Ion Ratio Lower Upper

95 100

174 96.1 78.9 118.3

176 94.4 77.1 115.7





#63
 Toluene-d8
 Concen: 30.037 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042012.D
 Acq: 24 Jun 2024 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 240620002-10-TRIP-BLANK

Tgt Ion: 98 Resp: 179555
 Ion Ratio Lower Upper
 98 100
 100 66.6 52.7 79.1

