

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060723\
 Data File : VX036061.D
 Acq On : 07 Jun 2023 15:26
 Operator : JC/MD
 Sample : 03016-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B-45(OW)RE

Quant Time: Jun 08 07:22:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X052323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 23 11:36:37 2023
 Response via : Initial Calibration

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

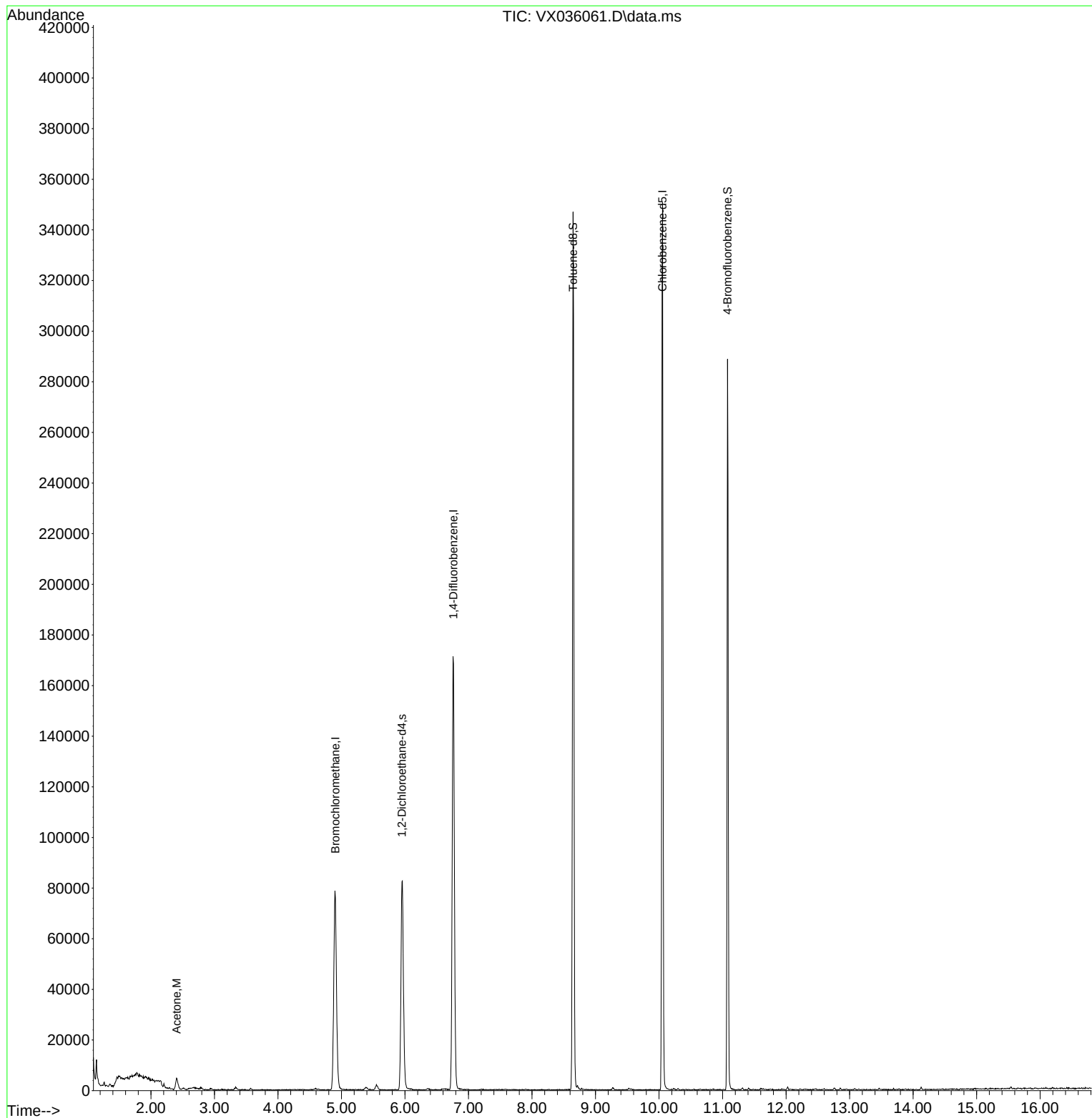
Internal Standards						
1) Bromochloromethane	4.904	128	30731	30.000	ug/l	0.01
28) 1,4-Difluorobenzene	6.763	114	163421	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	151902	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	85085	33.322	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.067%#
60) 4-Bromofluorobenzene	11.079	95	77026	30.220	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.733%
63) Toluene-d8	8.647	98	194684	28.991	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.633%
Target Compounds						
15) Acetone	2.404	58	1964	6.017	ug/l	Qvalue # 57

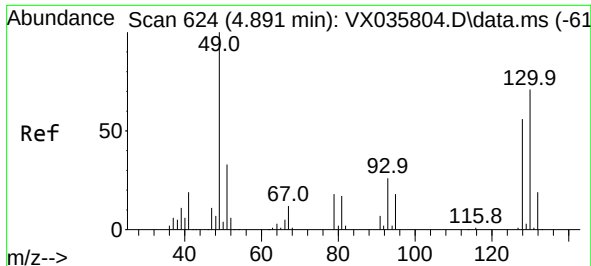
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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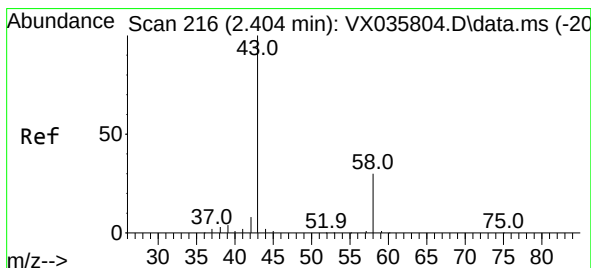
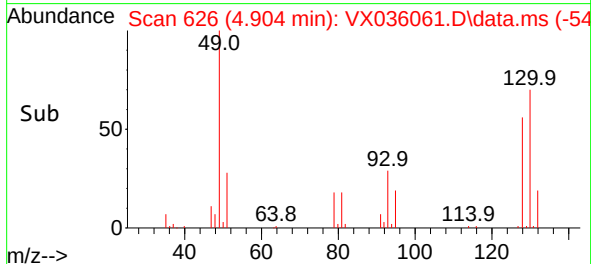
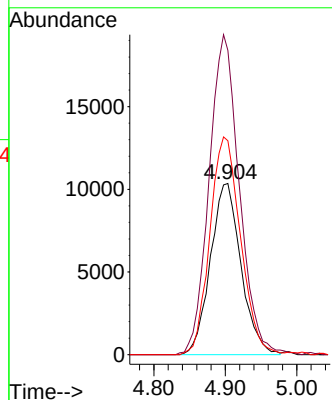
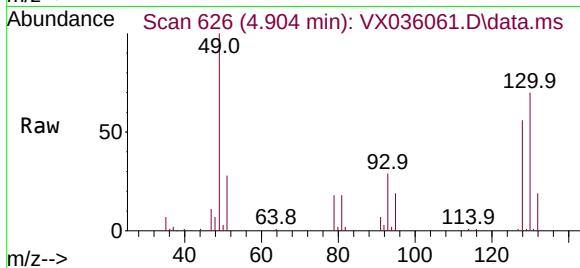




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.904 min Scan# 61
Delta R.T. 0.013 min
Lab File: VX036061.D
Acq: 07 Jun 2023 15:26

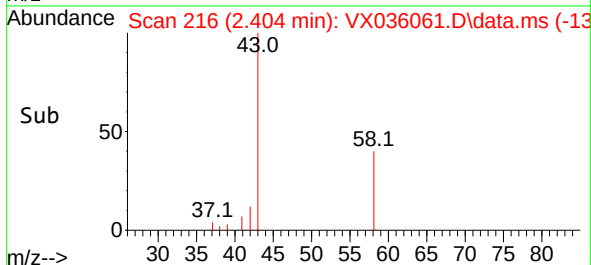
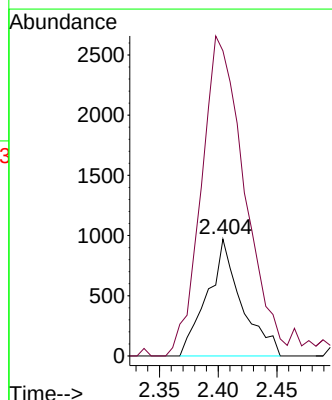
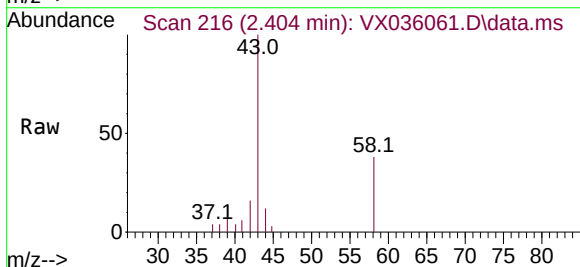
Instrument :
MSVOA_X
ClientSampleId :
B-45(OW)RE

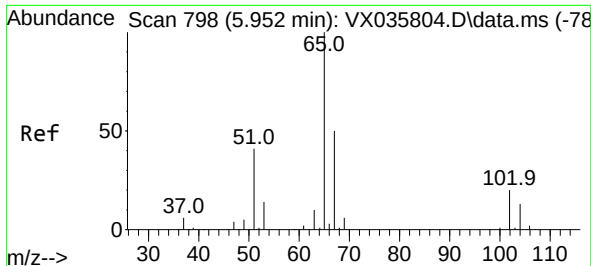
Tgt Ion:128 Resp: 30731
Ion Ratio Lower Upper
128 100
49 185.1 0.0 428.8
130 127.8 0.0 310.8



#15
Acetone
Concen: 6.017 ug/l
RT: 2.404 min Scan# 216
Delta R.T. -0.000 min
Lab File: VX036061.D
Acq: 07 Jun 2023 15:26

Tgt Ion: 58 Resp: 1964
Ion Ratio Lower Upper
58 100
43 246.6 270.8 406.2#





#27

1,2-Dichloroethane-d4

Concen: 33.322 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036061.D

Acq: 07 Jun 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

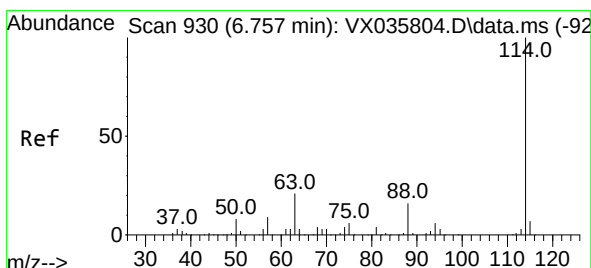
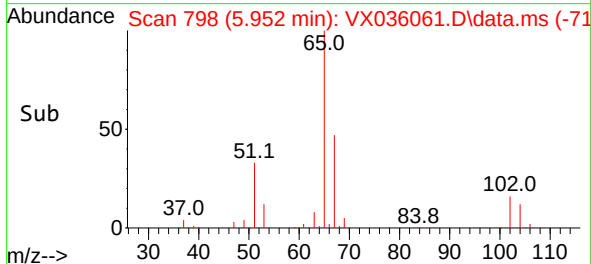
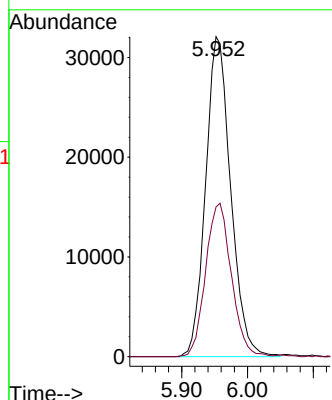
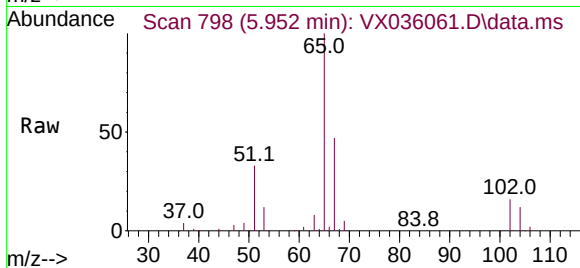
B-45(OW)RE

Tgt Ion: 65 Resp: 85085

Ion Ratio Lower Upper

65 100

67 49.2 40.9 61.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX036061.D

Acq: 07 Jun 2023 15:26

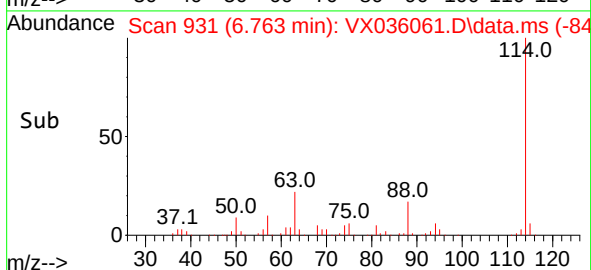
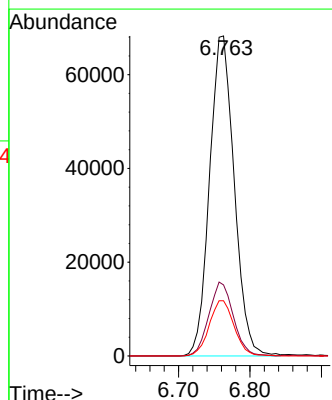
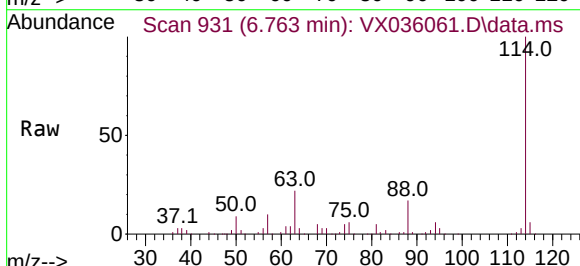
Tgt Ion: 114 Resp: 163421

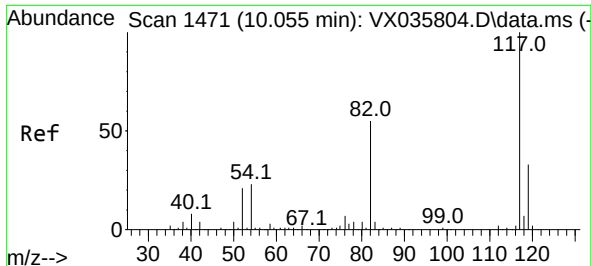
Ion Ratio Lower Upper

114 100

63 22.9 18.0 27.0

88 17.5 13.3 19.9





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX036061.D

Acq: 07 Jun 2023 15:26

Instrument :

MSVOA_X

ClientSampleId :

B-45(OW)RE

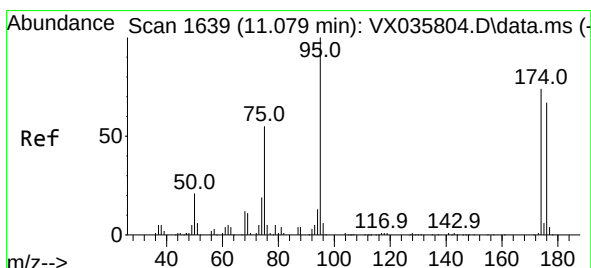
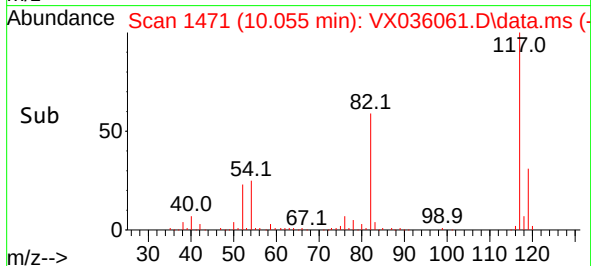
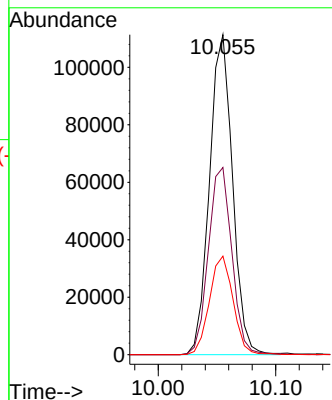
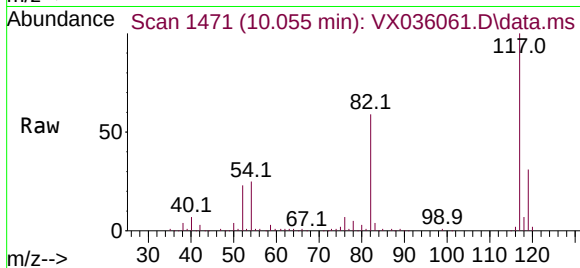
Tgt Ion:117 Resp: 151902

Ion Ratio Lower Upper

117 100

82 59.8 45.8 68.8

119 31.5 25.4 38.0



#60

4-Bromofluorobenzene

Concen: 30.220 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036061.D

Acq: 07 Jun 2023 15:26

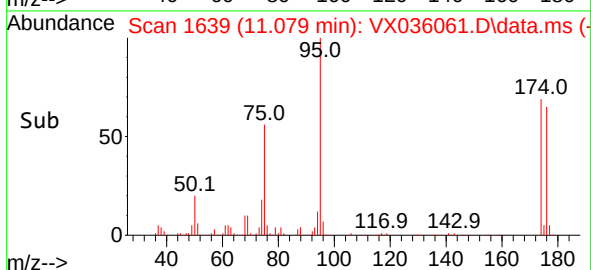
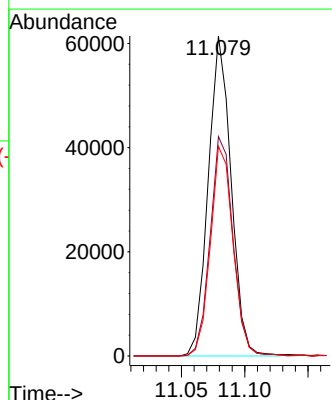
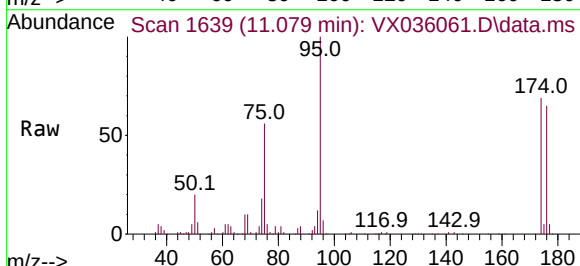
Tgt Ion: 95 Resp: 77026

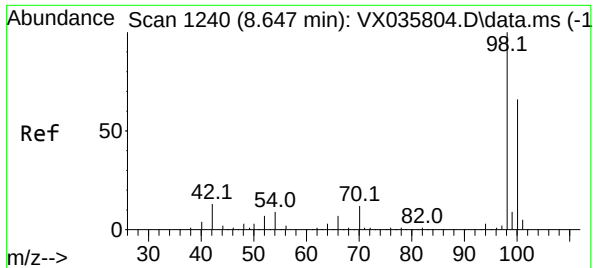
Ion Ratio Lower Upper

95 100

174 68.7 0.2 0.4#

176 65.2 0.2 0.2#





#63
Toluene-d8
Concen: 28.991 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036061.D
Acq: 07 Jun 2023 15:26

Instrument :
MSVOA_X
ClientSampleId :
B-45(OW)RE

Tgt Ion: 98 Resp: 194684
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1

