

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070618\
 Data File : VX003212.D
 Acq On : 06 Jul 2018 13:25
 Operator : JC/MD
 Sample : J3884-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Jul 06 13:52:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	51572	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	268536	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	243554	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	112073	28.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.87%
60) 4-Bromofluorobenzene	11.14	95	107009	26.60	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	88.67%
63) Toluene-d8	8.72	98	304884	28.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	95.53%

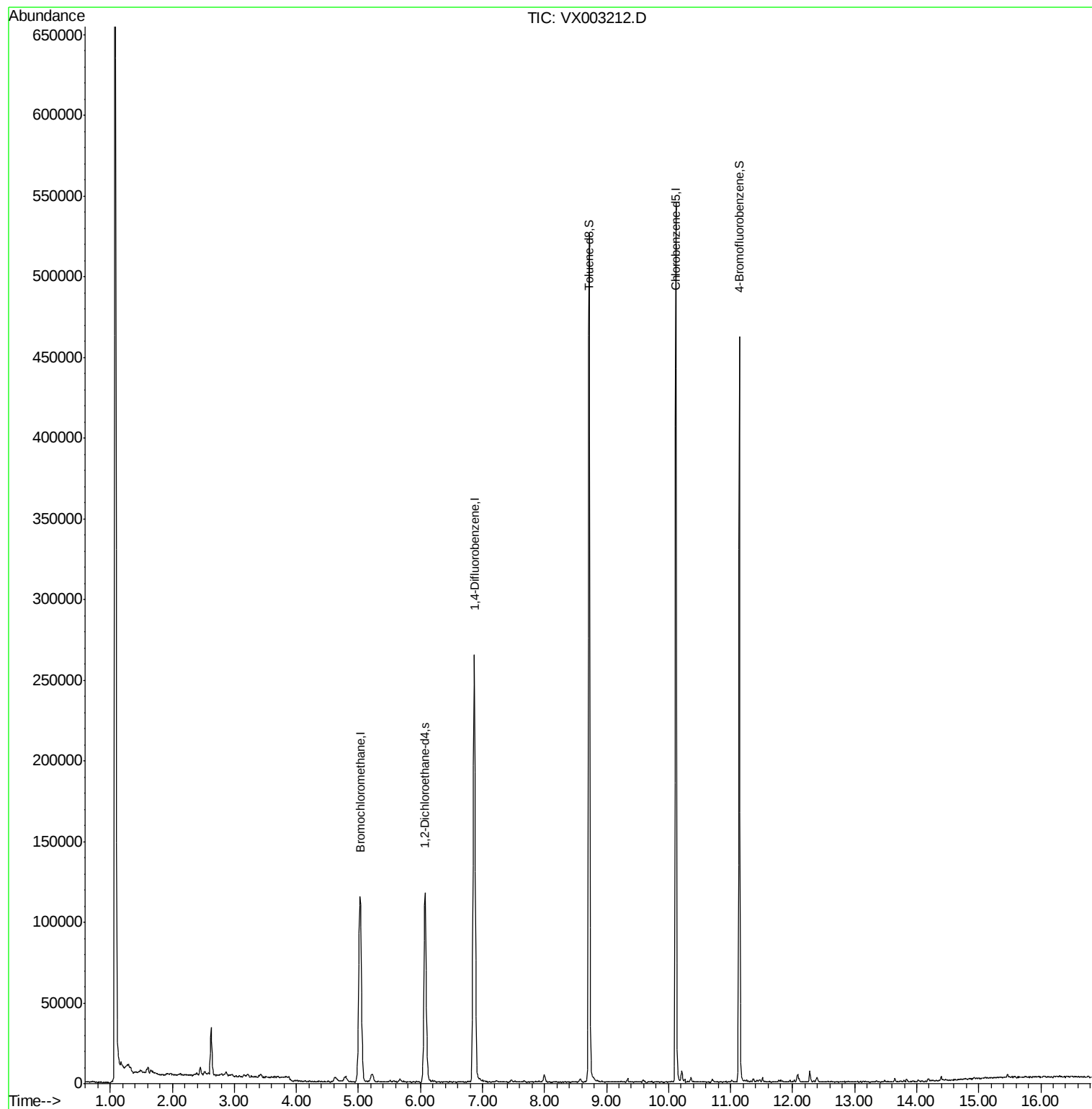
Target Compounds	Ovalue

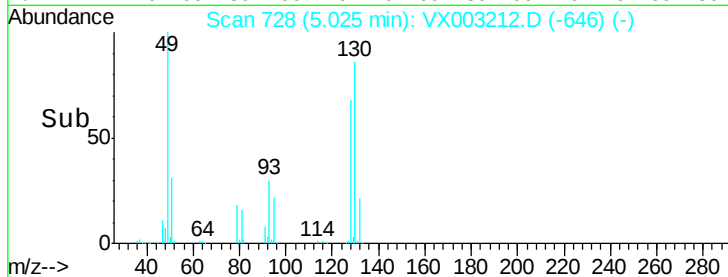
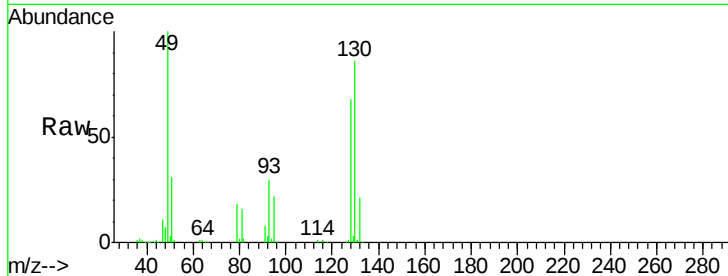
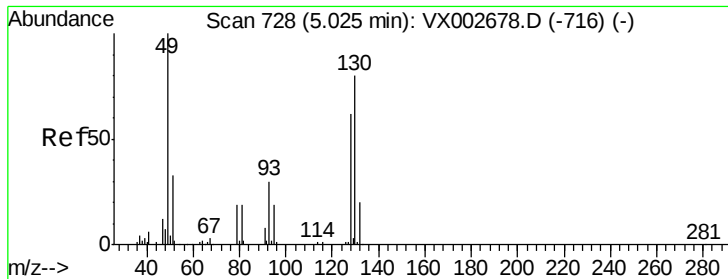
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003212.D

Acq: 06 Jul 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

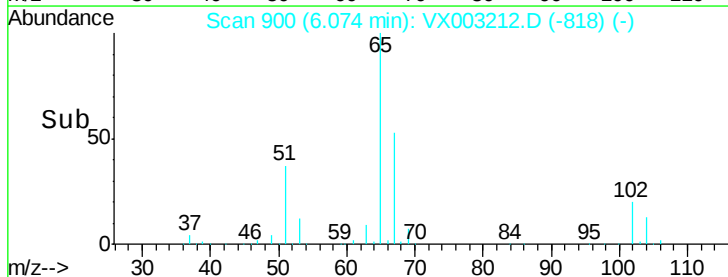
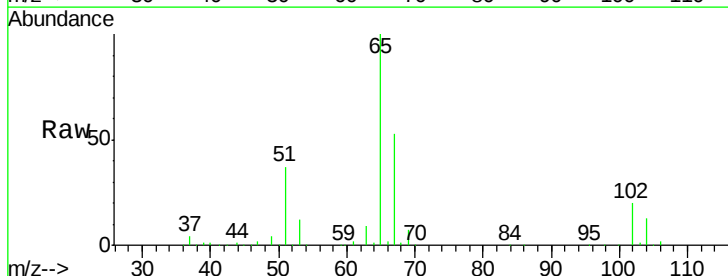
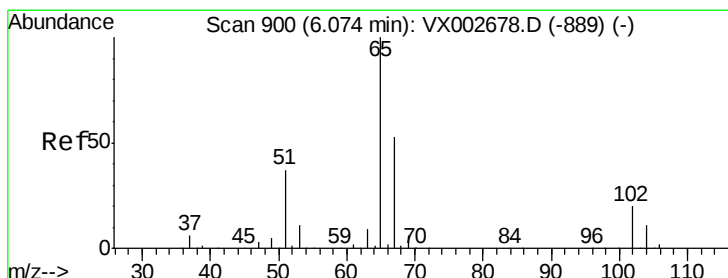
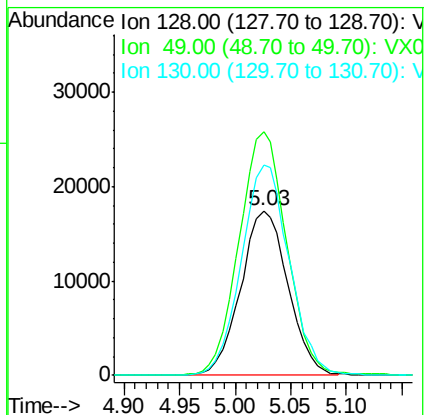
Tot Ion:128 Resp: 51572

Ion Ratio Lower Upper

128 100

49 148.8 0.0 423.0

130 129.0 0.0 324.3



#27

1,2-Dichloroethane-d4

Concen: 28.458 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003212.D

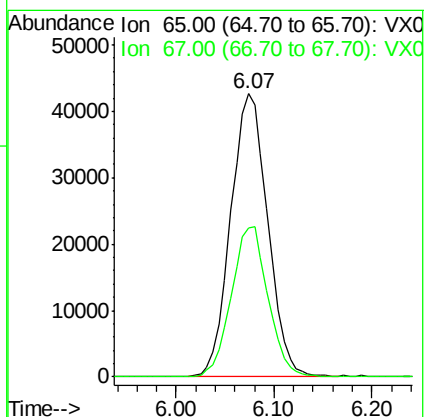
Acq: 06 Jul 2018 13:25

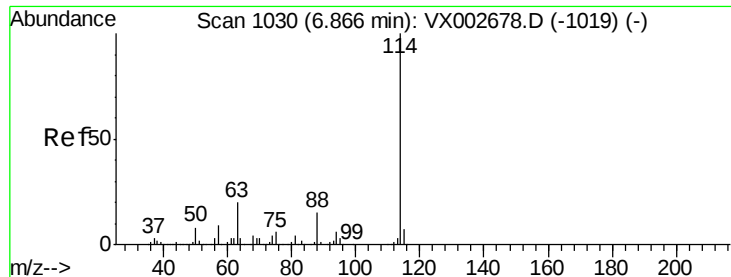
Tgt Ion: 65 Resp: 112073

Ion Ratio Lower Upper

65 100

67 52.5 40.9 61.3

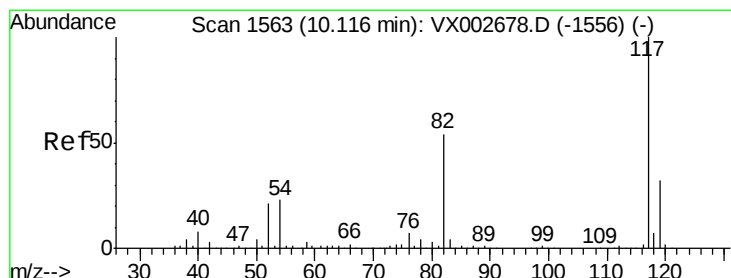
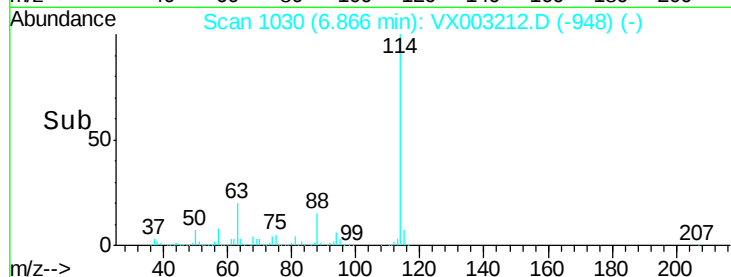
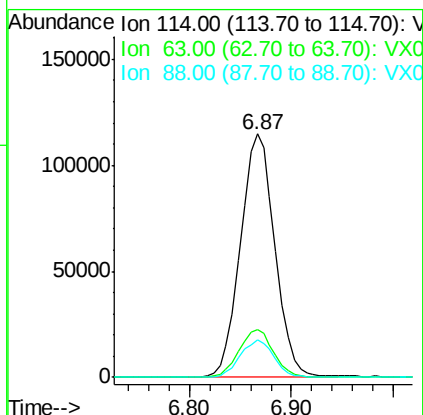
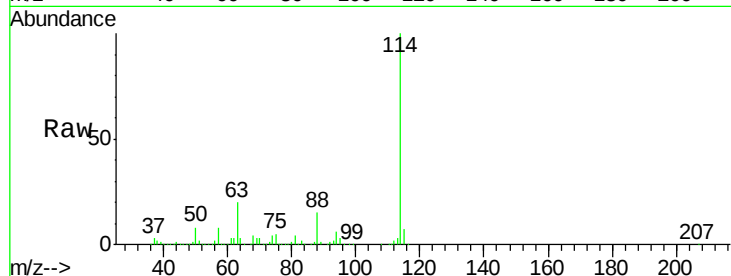




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003212.D
 Acq: 06 Jul 2018 13:25

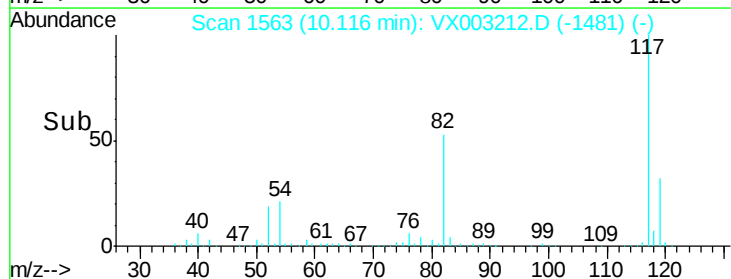
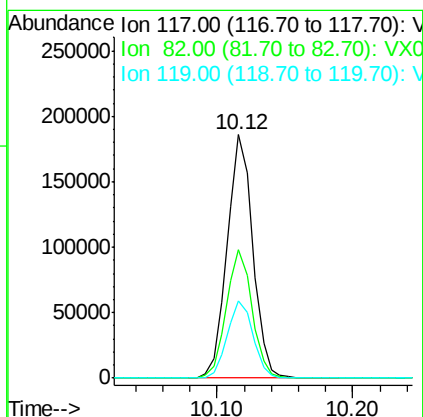
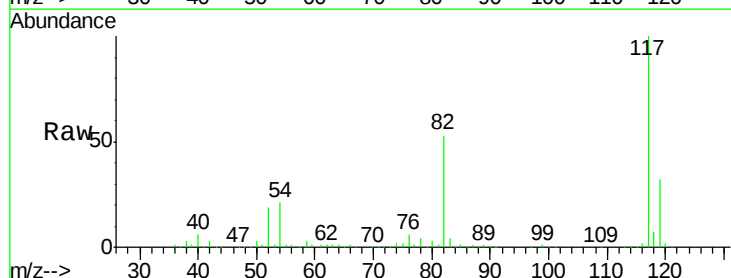
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

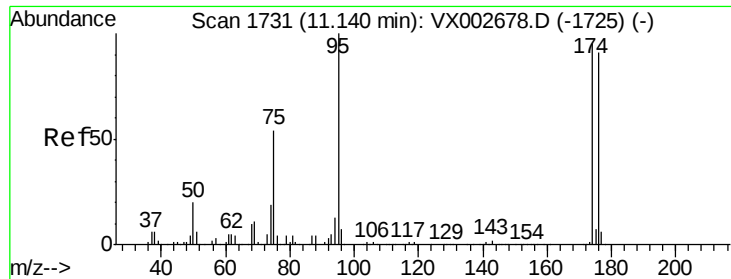
Tot Ion:114 Resp: 268536
 Ion Ratio Lower Upper
 114 100
 63 19.8 17.1 25.7
 88 15.0 12.6 19.0



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.12 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VX003212.D
 Acq: 06 Jul 2018 13:25

Tgt Ion:117 Resp: 243554
 Ion Ratio Lower Upper
 117 100
 82 53.0 44.3 66.5
 119 32.1 25.7 38.5

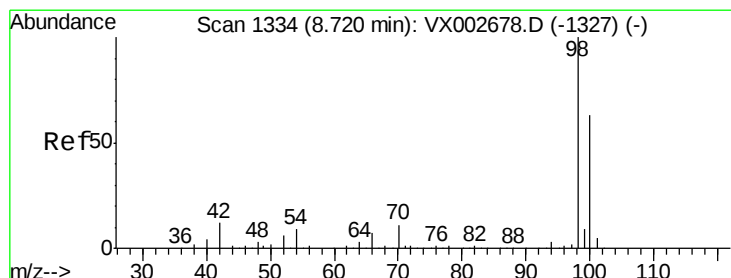
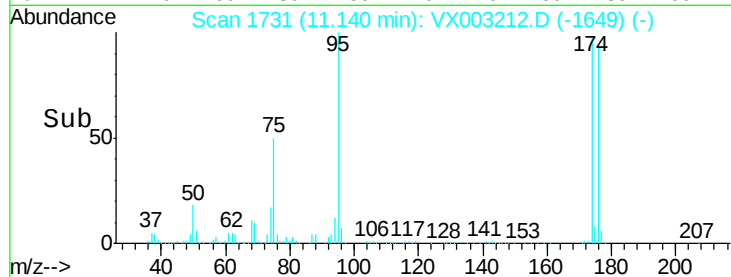
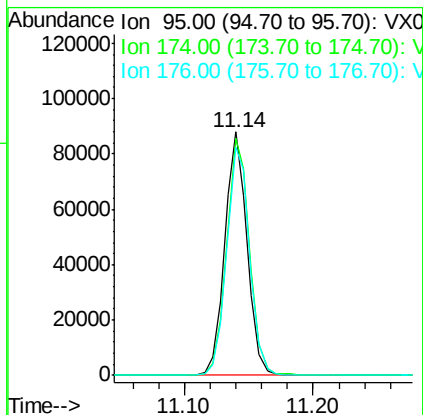
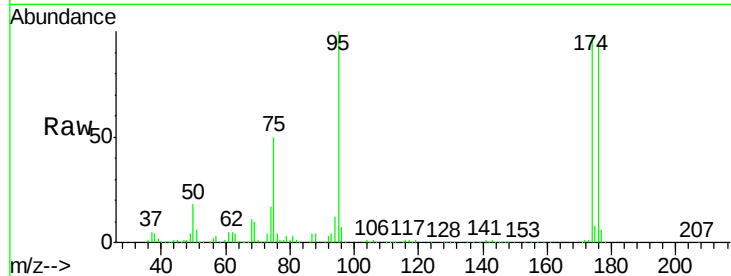




#60
4-Bromofluorobenzene
Concen: 26.602 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003212.D
Acq: 06 Jul 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 107009
Ion Ratio Lower Upper
95 100
174 99.7 71.8 107.6
176 96.5 70.1 105.1



#63
Toluene-d8
Concen: 28.657 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003212.D
Acq: 06 Jul 2018 13:25

Tgt Ion: 98 Resp: 304884
Ion Ratio Lower Upper
98 100
100 64.7 50.8 76.2

