

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031119\
 Data File : VX007961.D
 Acq On : 11 Mar 2019 10:27
 Operator : JC/SP
 Sample : VX0311WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBL01

Quant Time: Mar 12 08:16:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X030819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 08 12:01:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42220	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	217308	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	190357	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	81369	29.32	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.73%
60) 4-Bromofluorobenzene	11.13	95	83382	27.44	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.47%
63) Toluene-d8	8.71	98	255895	29.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.90%

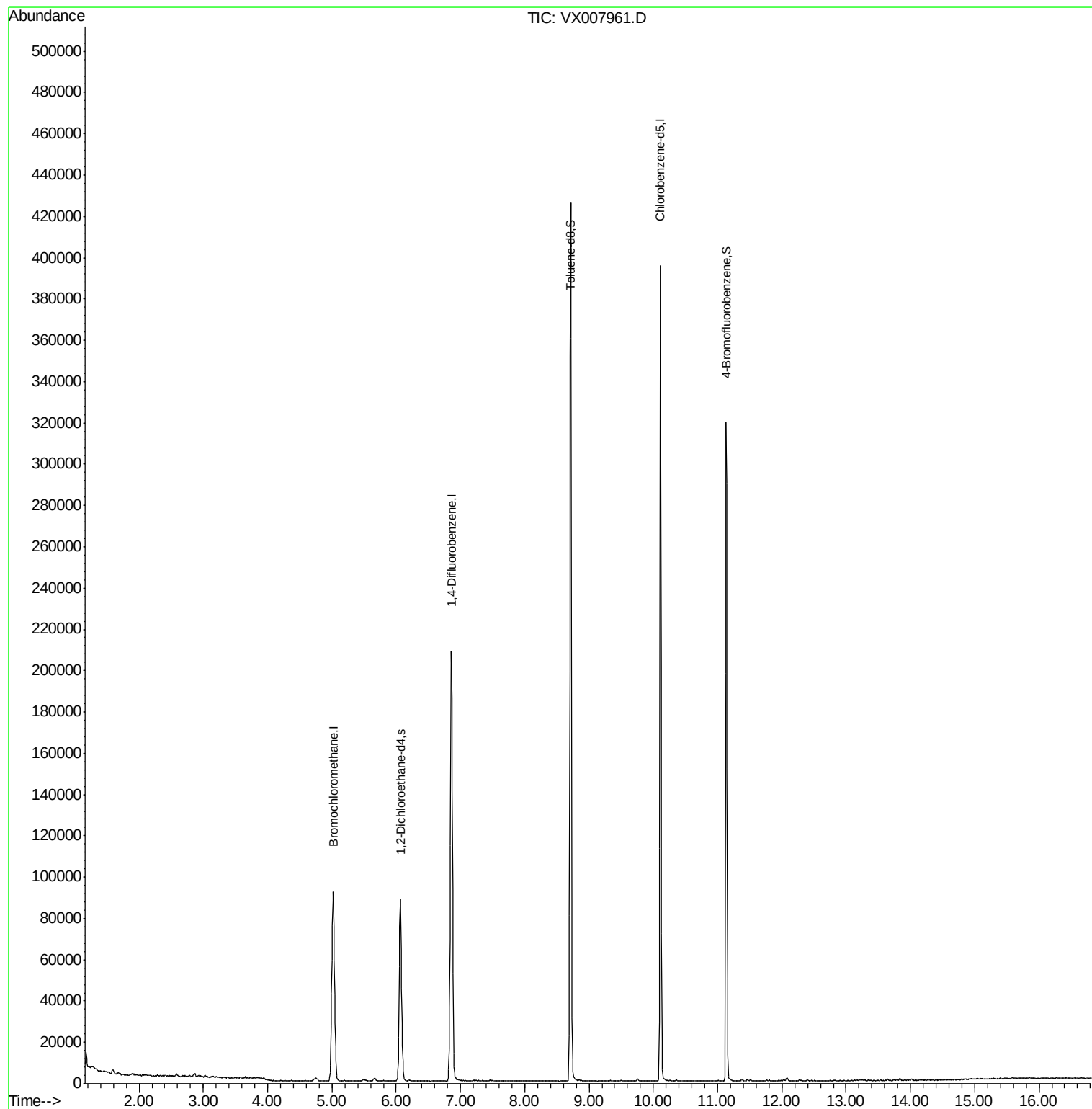
Target Compounds	Qvalue

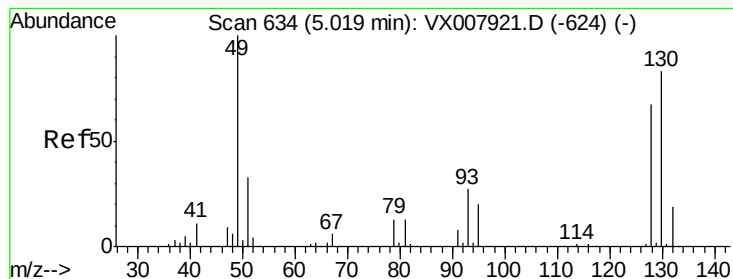
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 08 12:01:36 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007961.D

Acq: 11 Mar 2019 10:27

Instrument :

MSVOA_X

ClientSampleId :

VX0311WBL01

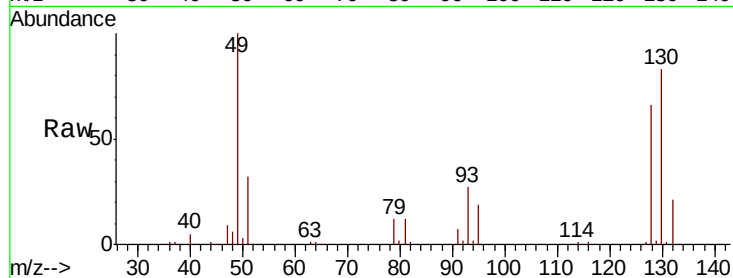
Tgt Ion:128 Resp: 42220

Ion Ratio Lower Upper

128 100

49 153.4 0.0 350.8

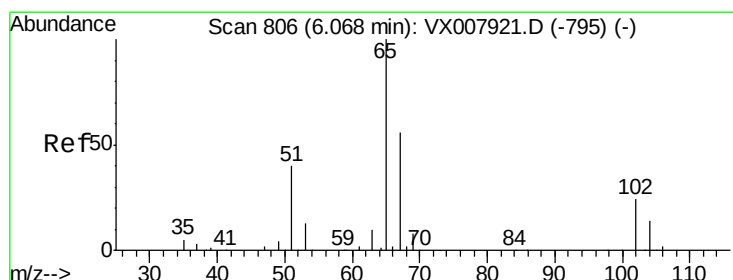
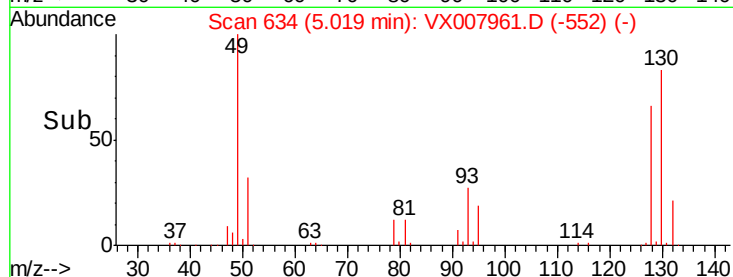
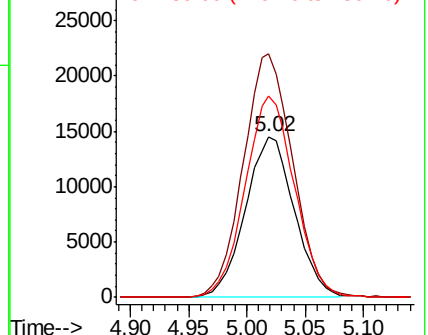
130 126.8 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.321 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007961.D

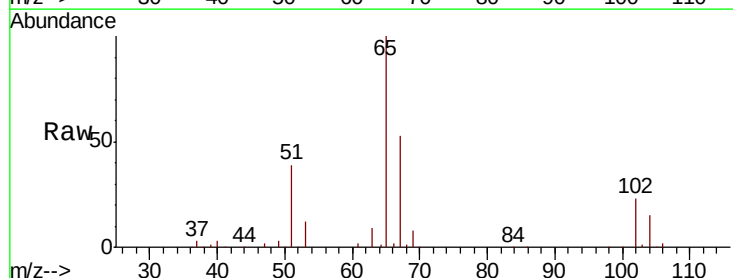
Acq: 11 Mar 2019 10:27

Tgt Ion: 65 Resp: 81369

Ion Ratio Lower Upper

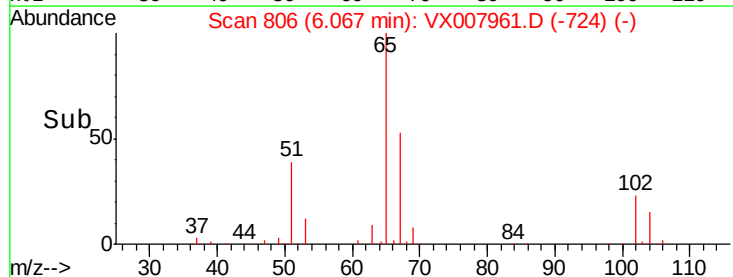
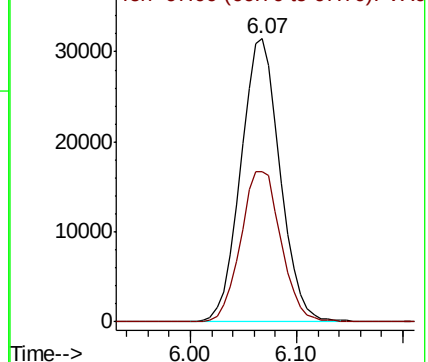
65 100

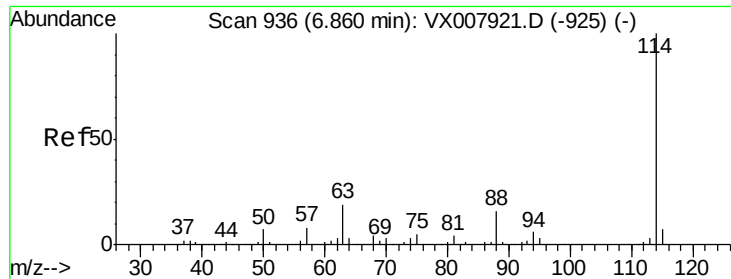
67 54.7 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

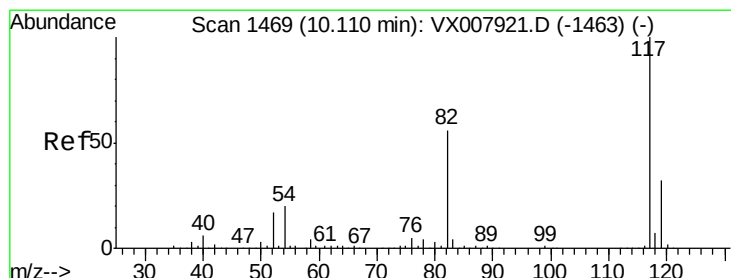
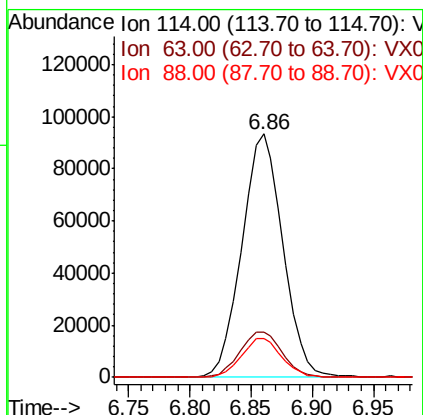
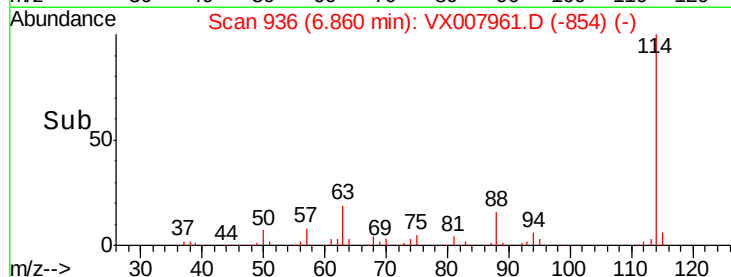
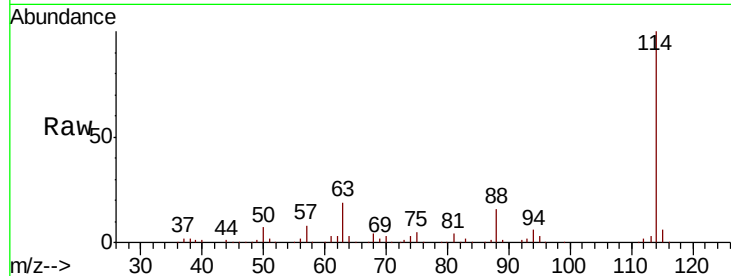




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007961.D
 Acq: 11 Mar 2019 10:27

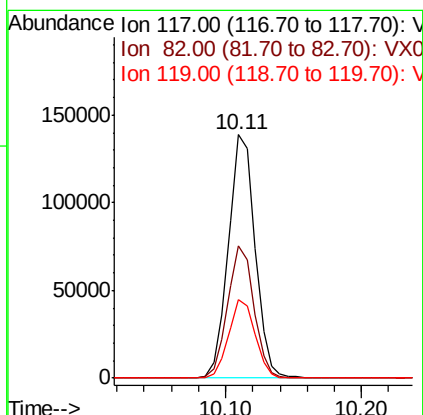
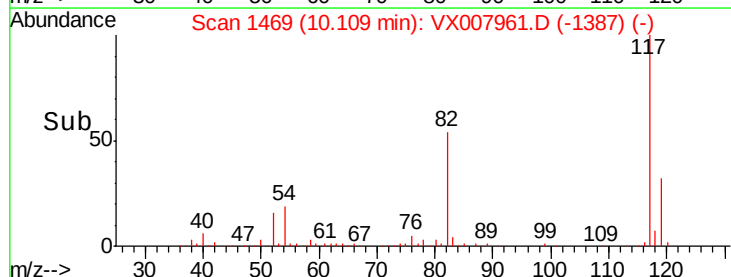
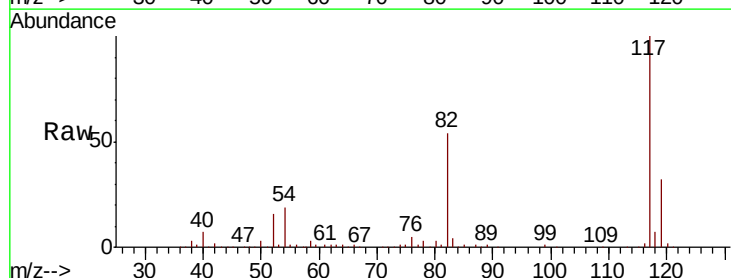
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0311WBL01

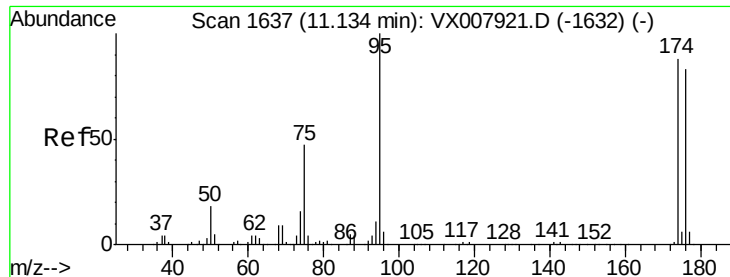
Tgt Ion:114 Resp: 217308
 Ion Ratio Lower Upper
 114 100
 63 19.5 14.2 21.4
 88 16.0 11.9 17.9



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VX007961.D
 Acq: 11 Mar 2019 10:27

Tgt Ion:117 Resp: 190357
 Ion Ratio Lower Upper
 117 100
 82 53.6 40.4 60.6
 119 32.1 25.8 38.6

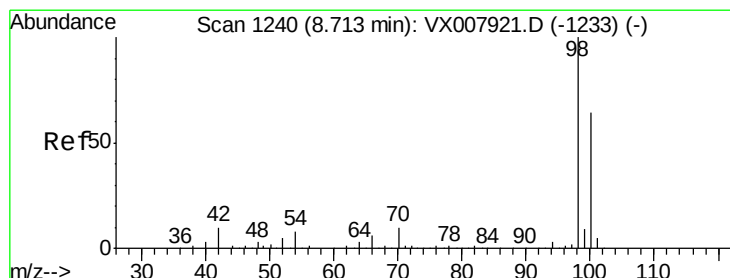
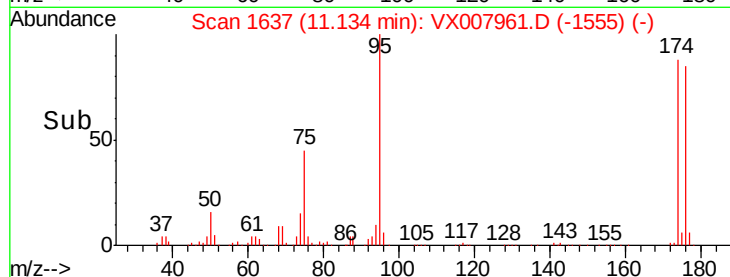
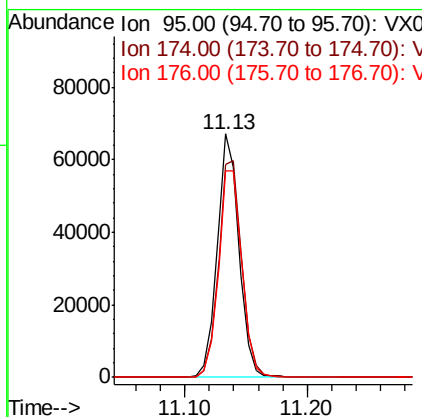
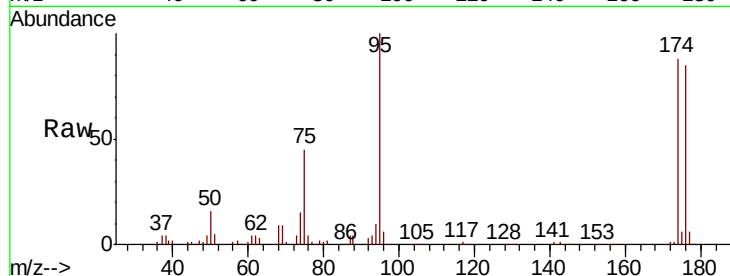




#60
4-Bromofluorobenzene
Concen: 27.443 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007961.D
Acq: 11 Mar 2019 10:27

Instrument :
MSVOA_X
ClientSampleId :
VX0311WBL01

Tgt Ion: 95 Resp: 83382
Ion Ratio Lower Upper
95 100
174 94.4 74.9 112.3
176 90.8 70.7 106.1



#63
Toluene-d8
Concen: 29.374 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007961.D
Acq: 11 Mar 2019 10:27

Tgt Ion: 98 Resp: 255895
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3

