

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
 Data File : VX010987.D
 Acq On : 19 Jul 2019 03:01
 Operator : JC/SP
 Sample : K3898-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Jul 19 10:08:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	32924	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	180434	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	157809	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.06	65	66656	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	70318	27.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.23%
63) Toluene-d8	8.71	98	210826	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

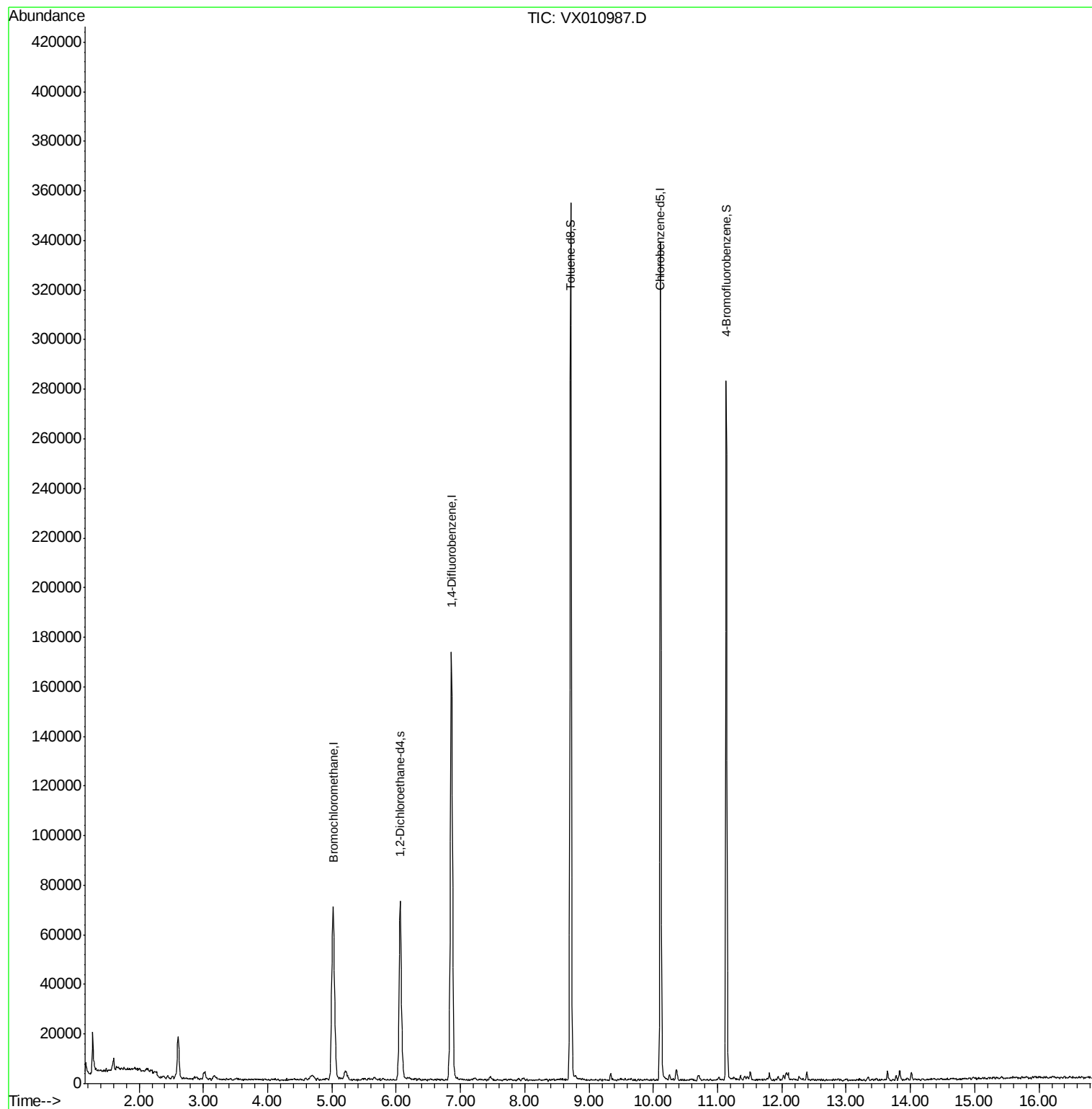
Target Compounds	Ovalue

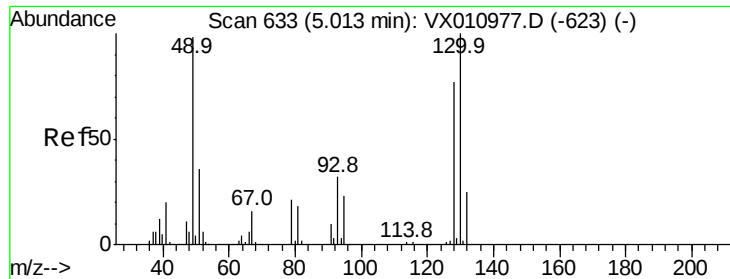
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 19 03:27:28 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. 0.00 min

Lab File: VX010987.D

Acq: 19 Jul 2019 03:01

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

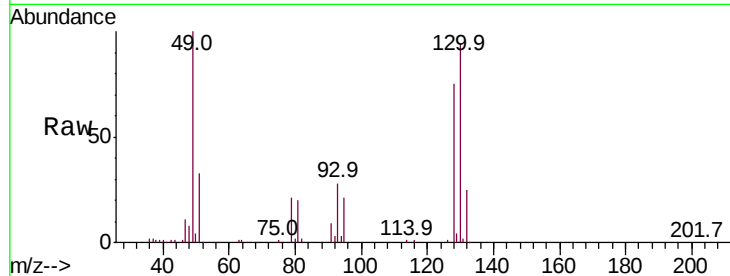
Tot Ion:128 Resp: 32924

Ion Ratio Lower Upper

128 100

49 133.4 0.0 343.5

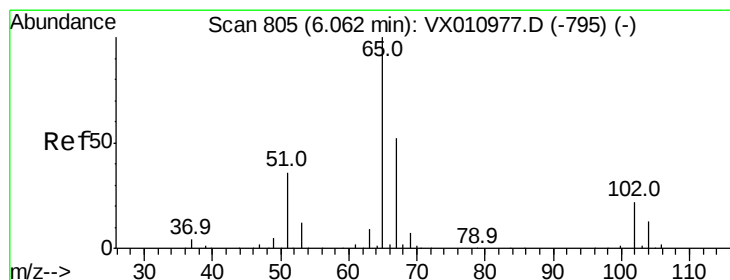
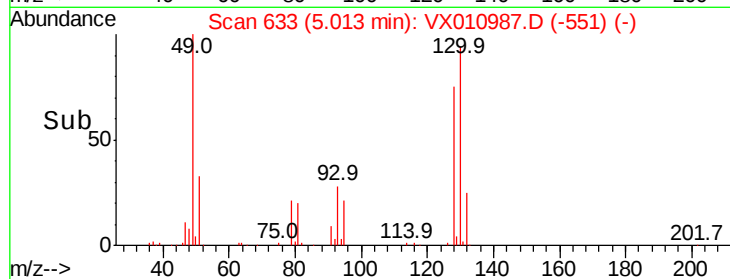
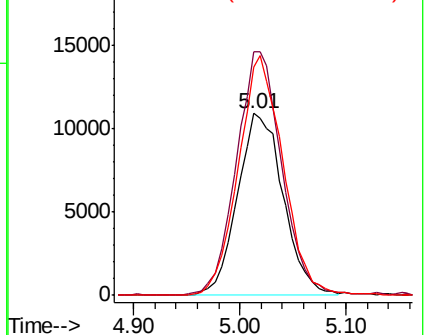
130 128.2 0.0 324.7



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: 29.863 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010987.D

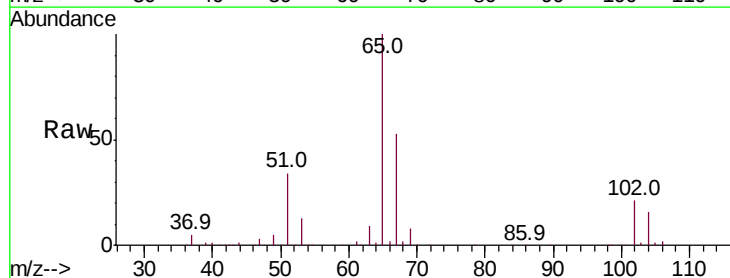
Acq: 19 Jul 2019 03:01

Tgt Ion: 65 Resp: 66656

Ion Ratio Lower Upper

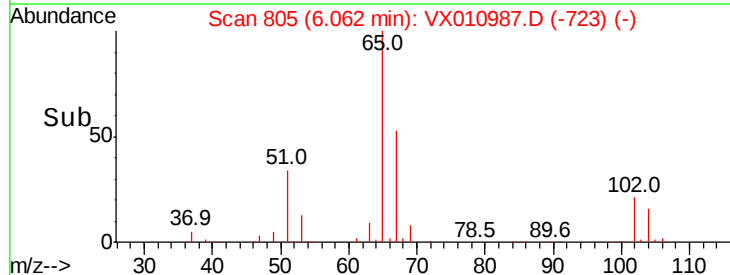
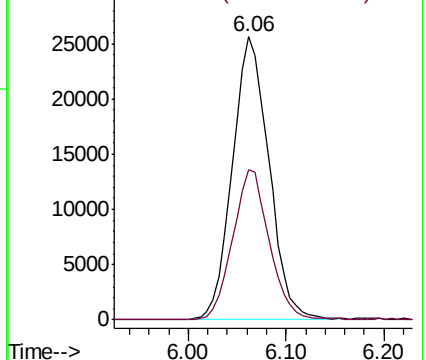
65 100

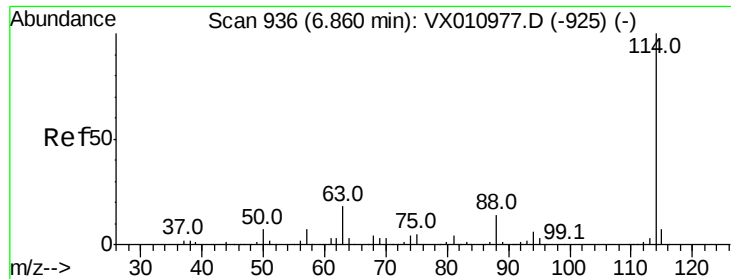
67 52.9 41.7 62.5



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

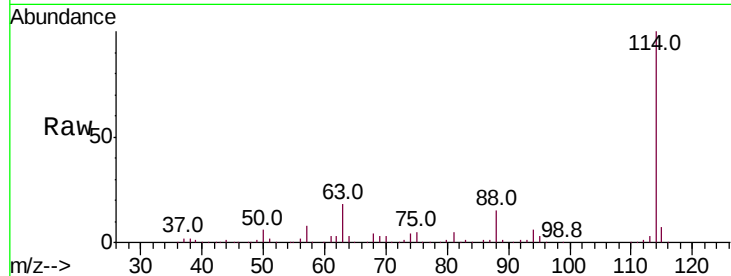




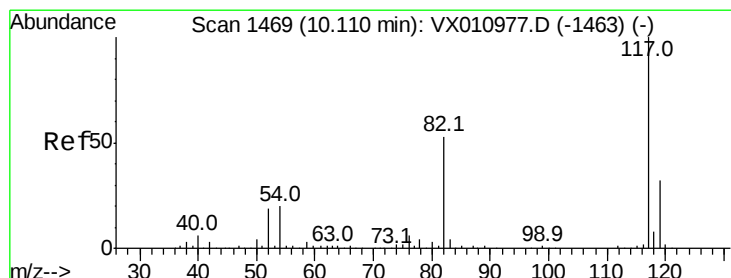
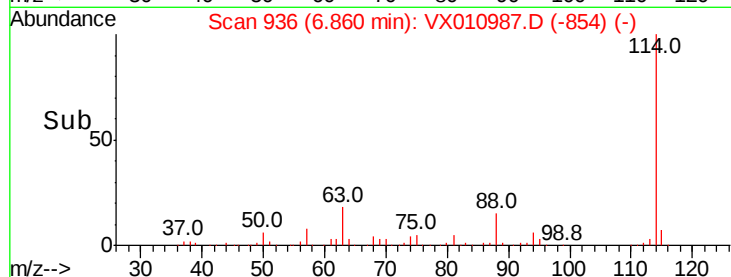
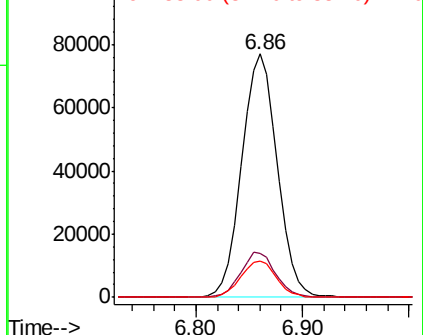
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010987.D
 Acq: 19 Jul 2019 03:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Tot Ion:114 Resp: 180434
 Ion Ratio Lower Upper
 114 100
 63 18.3 14.6 22.0
 88 15.1 11.8 17.8

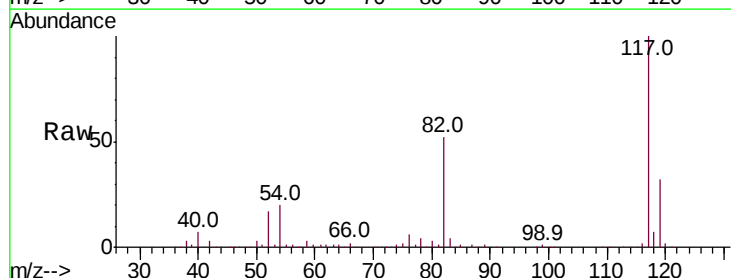


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 88.00 (87.70 to 88.70): VX0

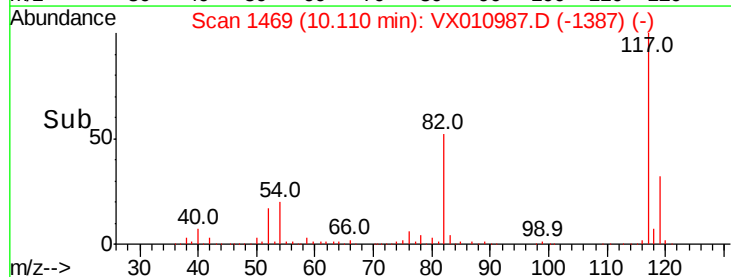
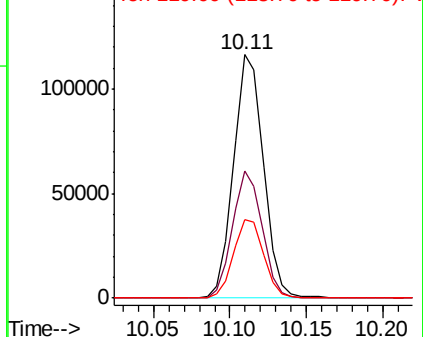


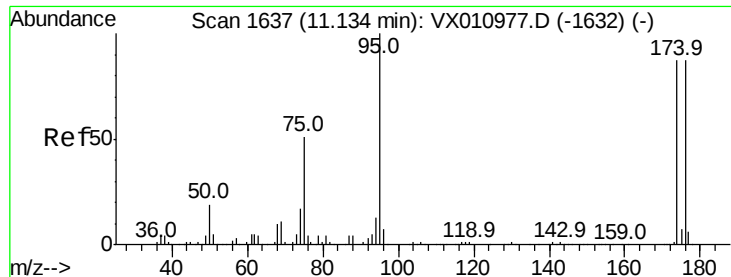
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX010987.D
 Acq: 19 Jul 2019 03:01

Tgt Ion:117 Resp: 157809
 Ion Ratio Lower Upper
 117 100
 82 51.2 41.6 62.4
 119 32.4 26.0 39.0



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VX0
 Ion 119.00 (118.70 to 119.70): V

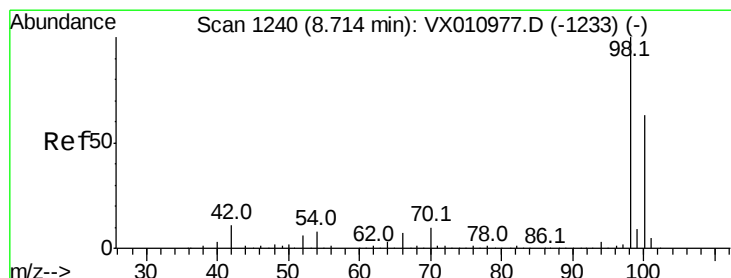
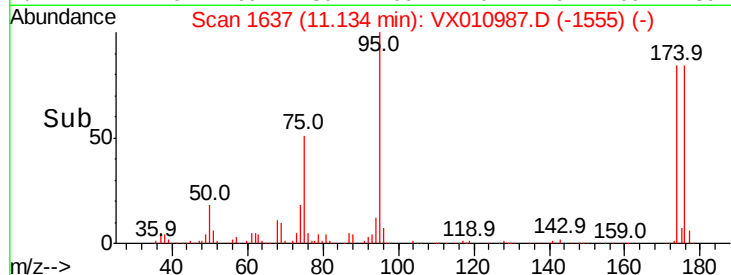
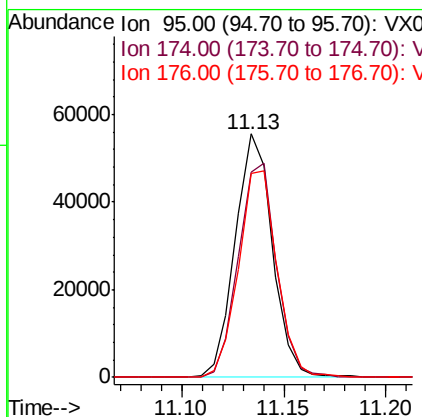
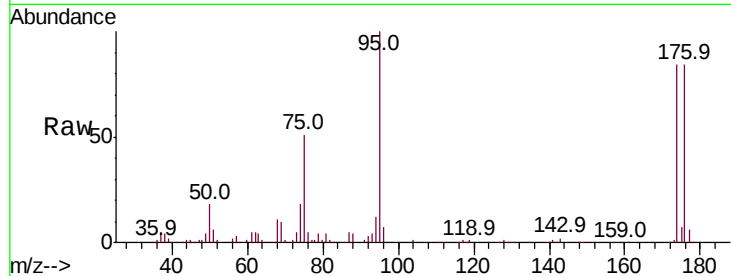




#60
4-Bromofluorobenzene
Concen: 27.073 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010987.D
Acq: 19 Jul 2019 03:01

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion: 95 Resp: 70318
Ion Ratio Lower Upper
95 100
174 90.3 73.3 109.9
176 88.4 71.2 106.8



#63
Toluene-d8
Concen: 30.395 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010987.D
Acq: 19 Jul 2019 03:01

Tgt Ion: 98 Resp: 210826
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.0

