

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058235.D
 Acq On : 20 Sep 2019 9:26
 Operator : JC/SP
 Sample : VN0920WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBL01

Quant Time: Sep 21 06:14:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	73562	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	434708	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	364397	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.01	65	204617	31.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.83%
60) 4-Bromofluorobenzene	12.40	95	173467	27.82	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.73%
63) Toluene-d8	10.08	98	530578	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

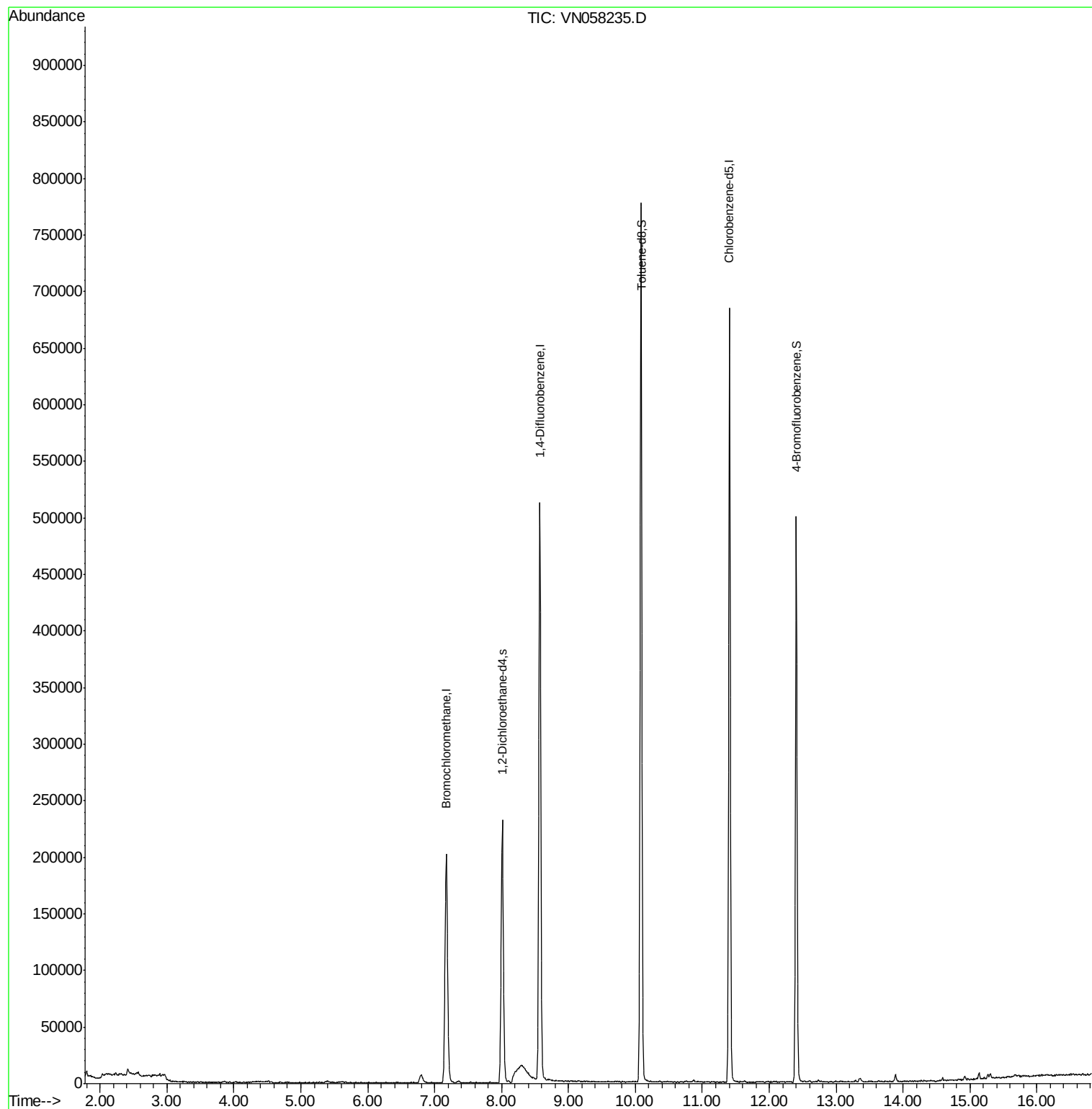
Target Compounds	Ovalue

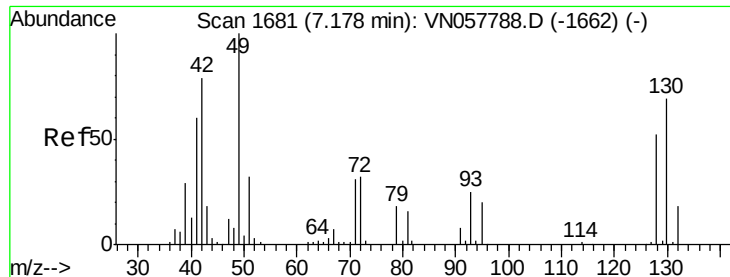
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 09 12:14:07 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN058235.D

Acq: 20 Sep 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

VN0920WBL01

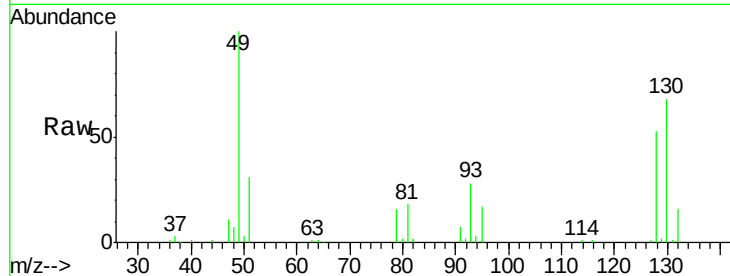
Tot Ion:128 Resp: 73562

Ion Ratio Lower Upper

128 100

49 188.2 0.0 486.5

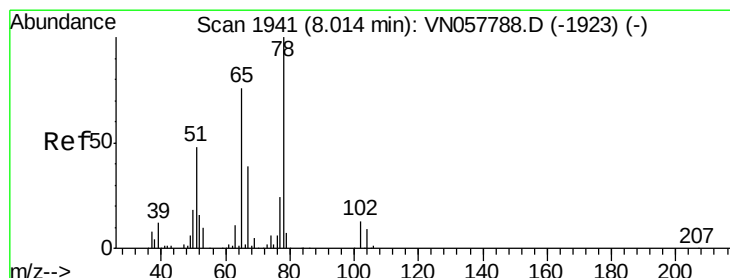
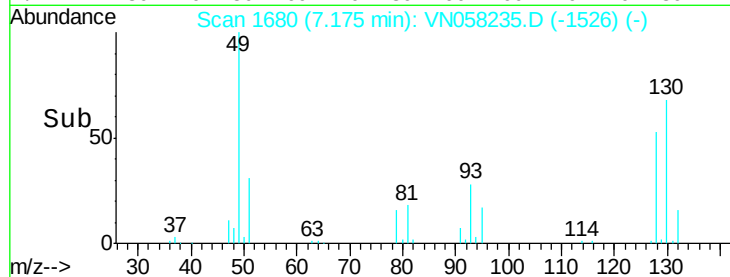
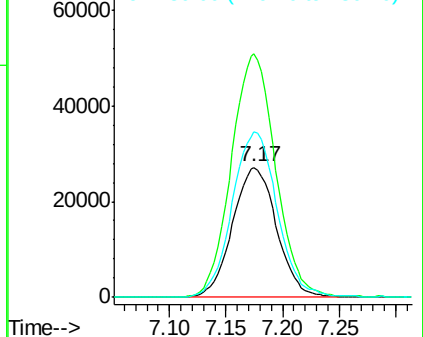
130 129.9 0.0 324.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 31.446 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058235.D

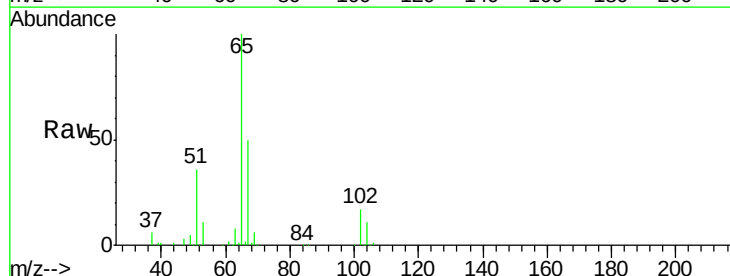
Acq: 20 Sep 2019 9:26

Tgt Ion: 65 Resp: 204617

Ion Ratio Lower Upper

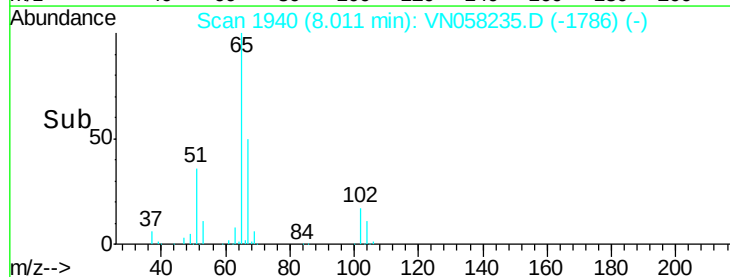
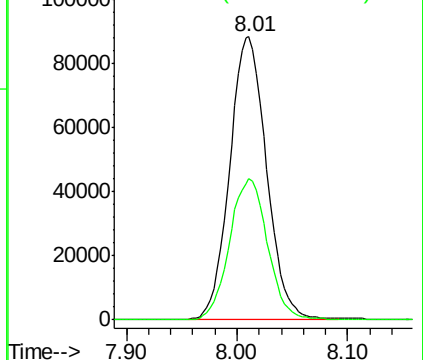
65 100

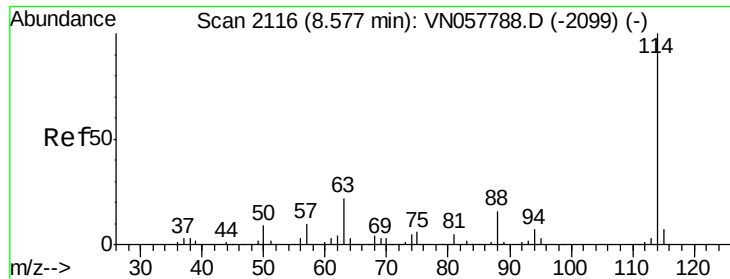
67 51.2 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

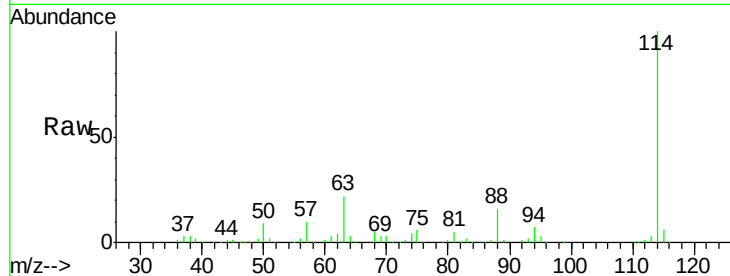




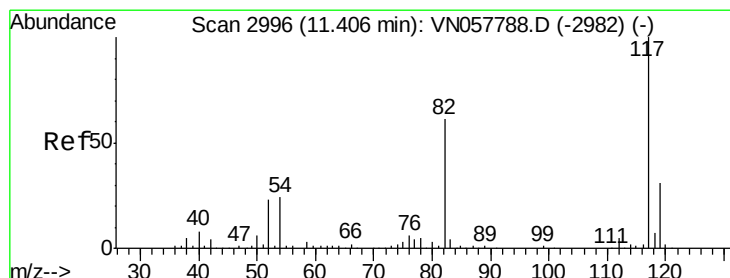
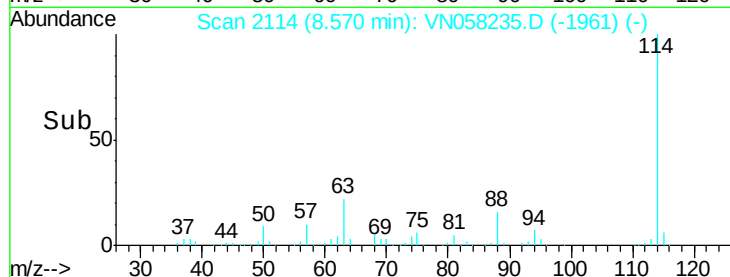
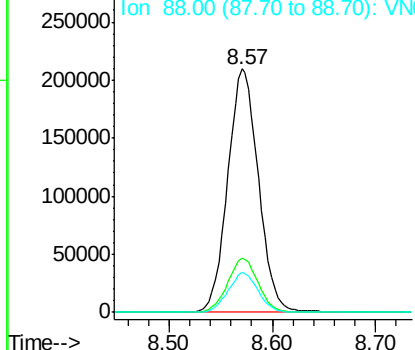
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VN058235.D
 Acq: 20 Sep 2019 9:26

Instrument :
 MSVOA_N
 ClientSampled :
 VN0920WBL01

Tot Ion:114 Resp: 434708
 Ion Ratio Lower Upper
 114 100
 63 22.1 18.0 27.0
 88 16.0 12.6 19.0

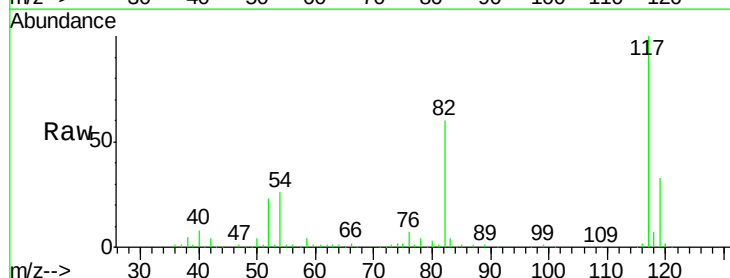


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

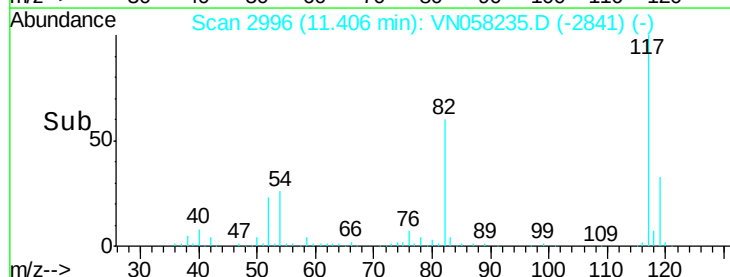
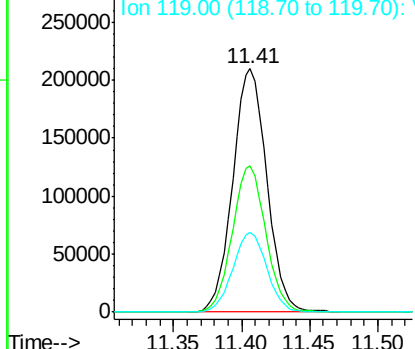


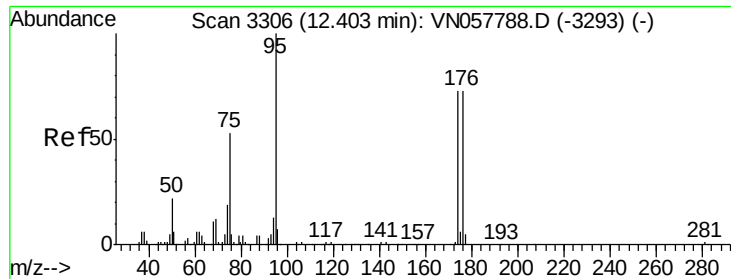
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: VN058235.D
 Acq: 20 Sep 2019 9:26

Tgt Ion:117 Resp: 364397
 Ion Ratio Lower Upper
 117 100
 82 59.2 47.6 71.4
 119 32.7 25.4 38.2



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

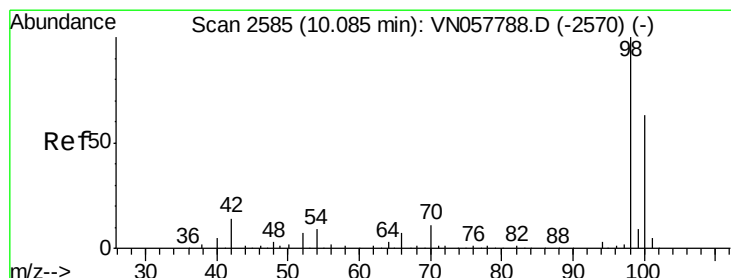
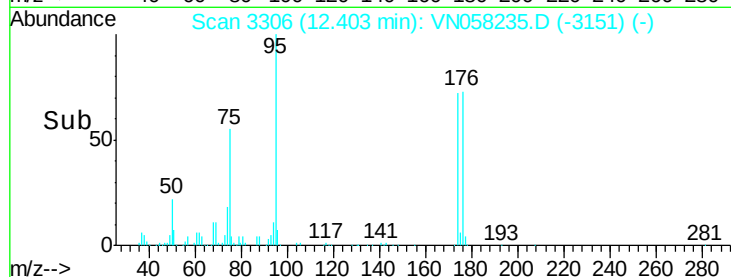
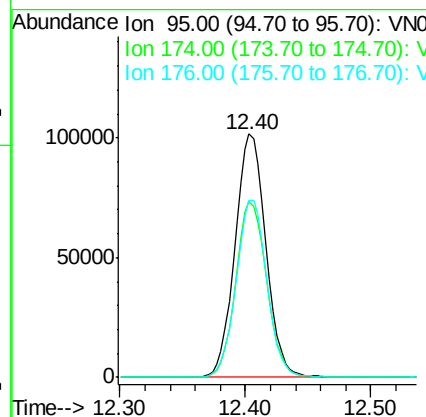
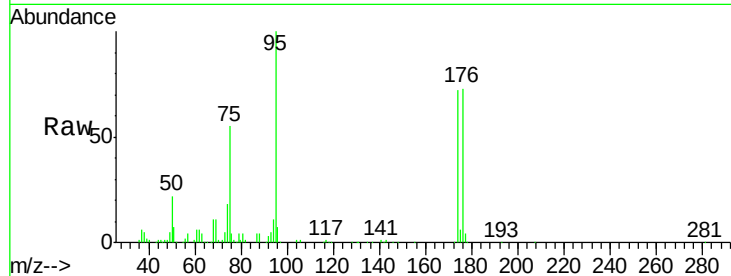




#60
4-Bromofluorobenzene
Concen: 27.819 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN058235.D
Acq: 20 Sep 2019 9:26

Instrument :
MSVOA_N
ClientSampled :
VN0920WBL01

Tot Ion: 95 Resp: 173467
Ion Ratio Lower Upper
95 100
174 72.3 59.4 89.0
176 72.7 57.4 86.0



#63
Toluene-d8
Concen: 30.335 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. -0.00 min
Lab File: VN058235.D
Acq: 20 Sep 2019 9:26

Tgt Ion: 98 Resp: 530578
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

