

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121718\
 Data File : VL033000.D
 Acq On : 17 Dec 2018 17:53
 Operator : SY/AP
 Sample : OC121318 CAN 10323
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC121318 CAN 10323

Quant Time: Dec 18 01:26:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120718AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 07 09:35:17 2018
 QLast Update : Fri Dec 07 09:35:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1006232	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	2343730	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	2598421	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	2043982	10.65	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.50%

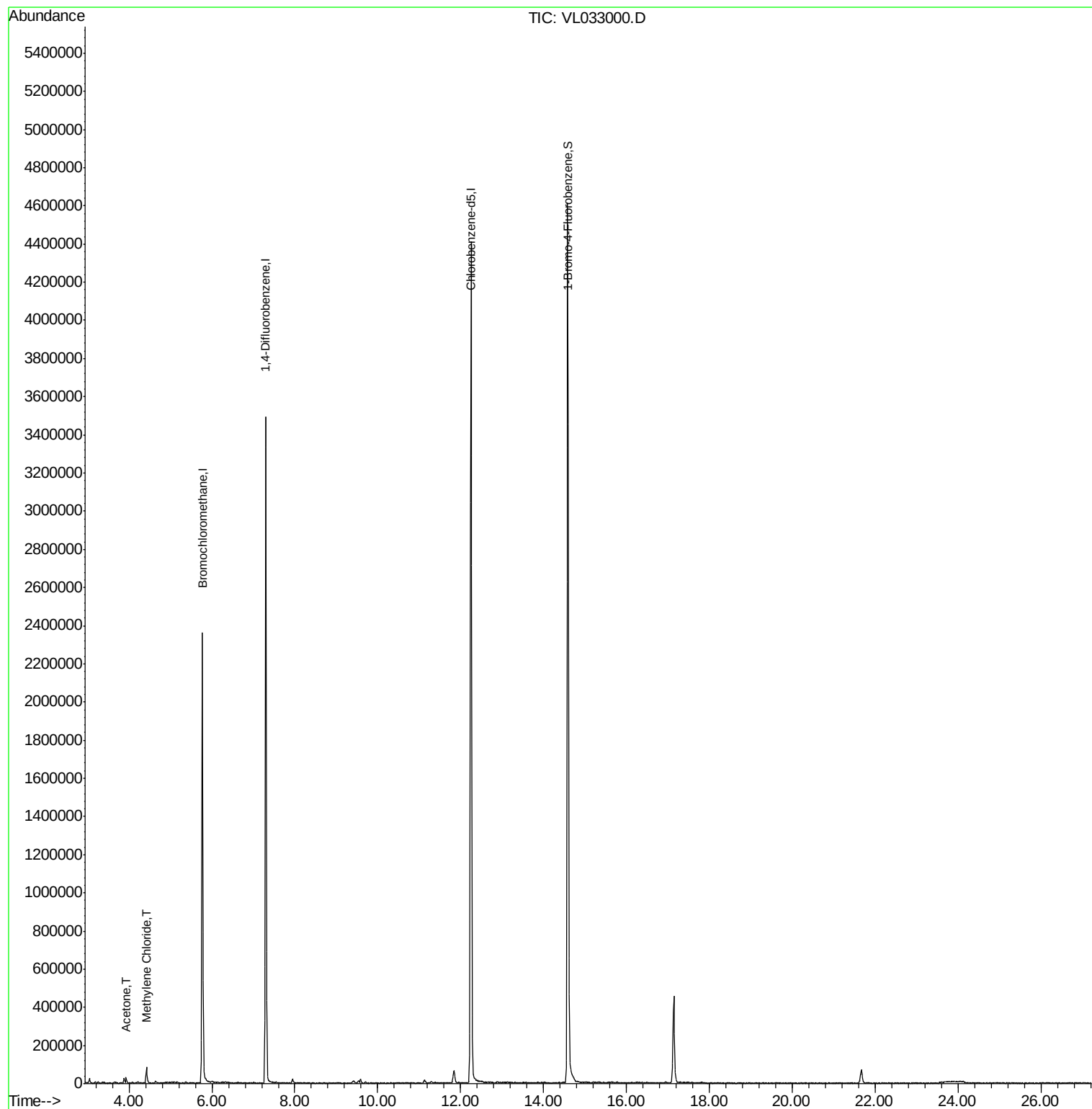
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.93	43	30948	0.358	ppbv	98
20) Methylene Chloride	4.42	84	26987	0.639	ppbv #	92

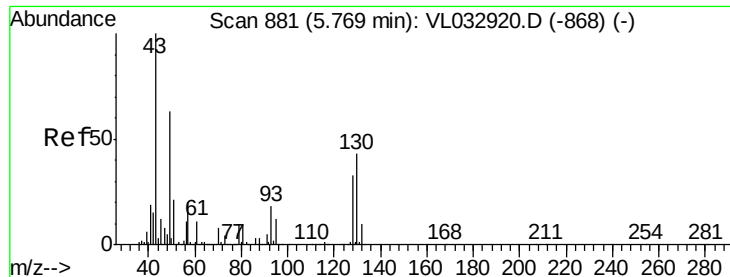
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 07 09:35:17 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.77 min Scan# 881

Delta R.T. 0.00 min

Lab File: VL033000.D

Acq: 17 Dec 2018 17:53

Instrument :

MSVOA_L

ClientSampleId :

QC121318 CAN 10323

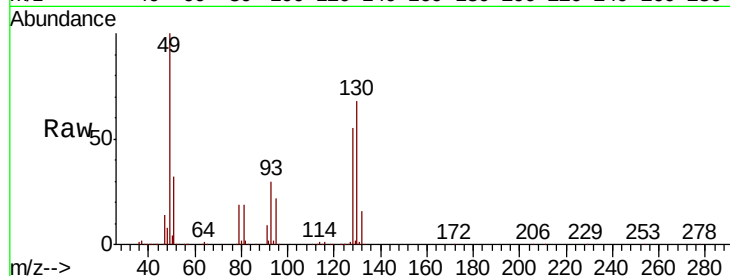
Tot Ion: 49 Resp: 1006232

Ion Ratio Lower Upper

49 100

128 53.7 26.3 78.8

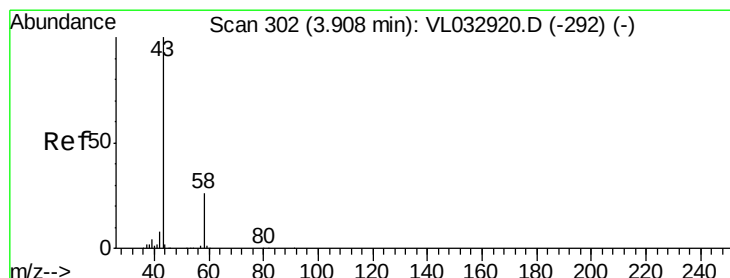
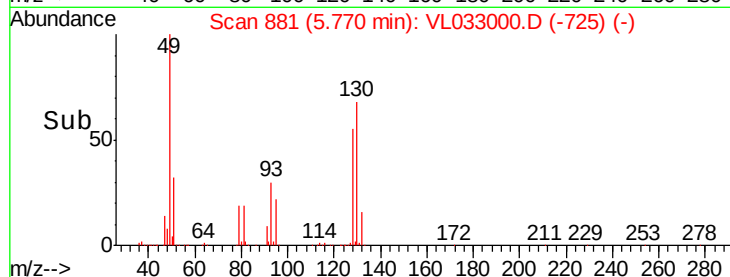
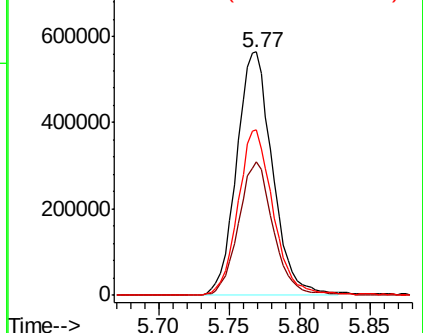
130 67.7 33.9 101.7



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.358 ppbv

RT: 3.93 min Scan# 309

Delta R.T. 0.02 min

Lab File: VL033000.D

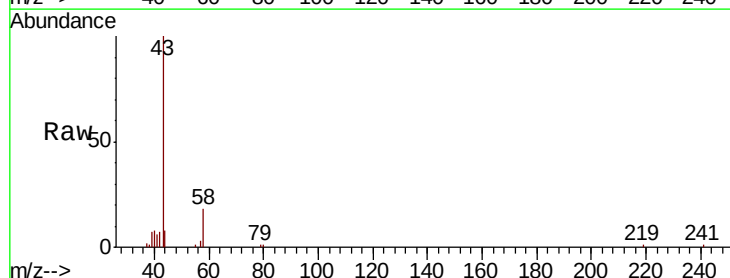
Acq: 17 Dec 2018 17:53

Tgt Ion: 43 Resp: 30948

Ion Ratio Lower Upper

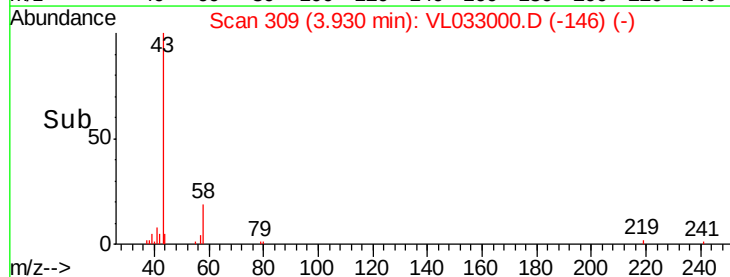
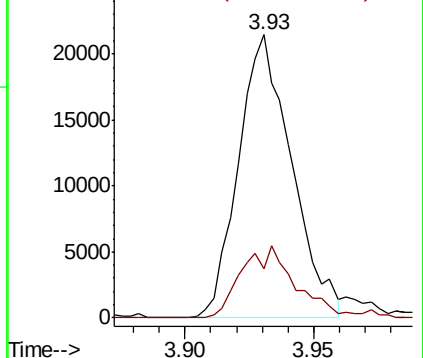
43 100

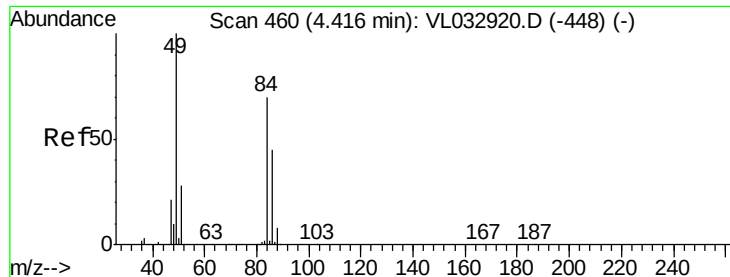
58 26.7 20.6 30.8



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

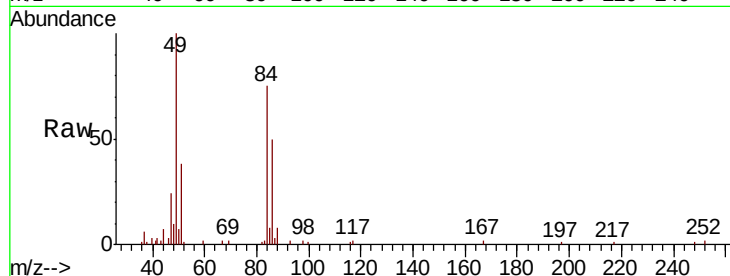




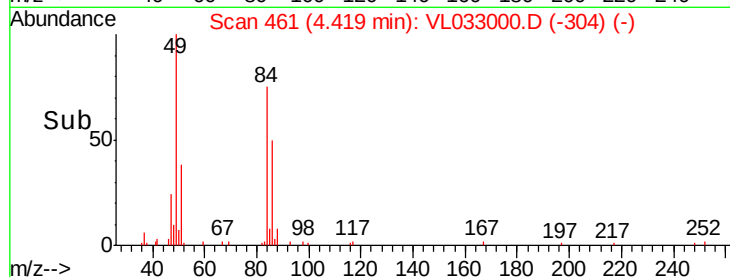
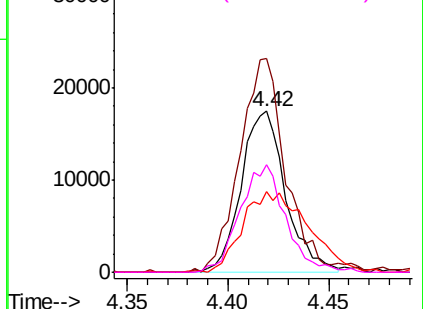
#20
Methylene Chloride
Concen: 0.639 ppbv
RT: 4.42 min Scan# 461
Delta R.T. 0.00 min
Lab File: VL033000.D
Acq: 17 Dec 2018 17:53

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Tot Ion: 84 Resp: 26987
Ion Ratio Lower Upper
84 100
49 132.9 113.8 170.8
51 49.0 31.8 47.8#
86 66.8 50.8 76.2

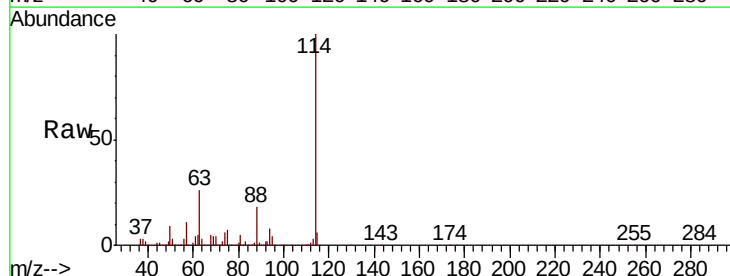
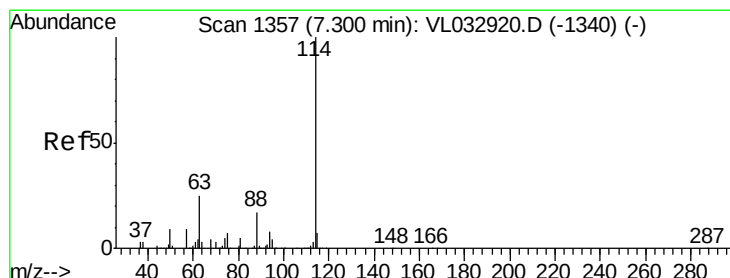


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

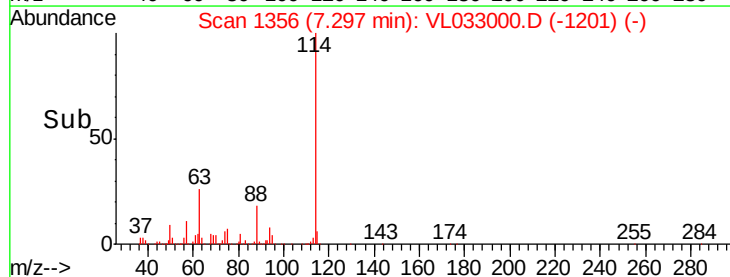
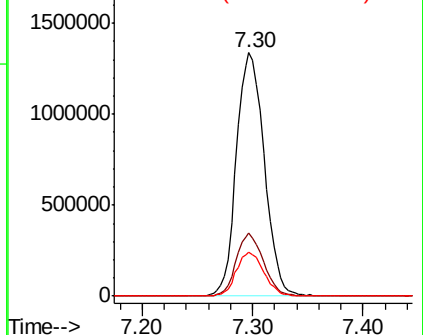


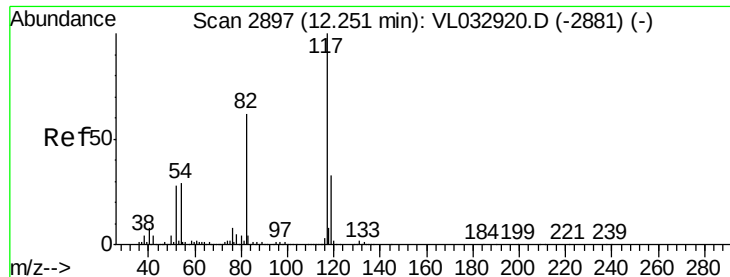
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.30 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VL033000.D
Acq: 17 Dec 2018 17:53

Tgt Ion: 114 Resp: 2343730
Ion Ratio Lower Upper
114 100
63 25.3 20.1 30.1
88 17.8 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
Ion 63.10 (62.80 to 63.80): VL0
Ion 88.10 (87.80 to 88.80): VL0

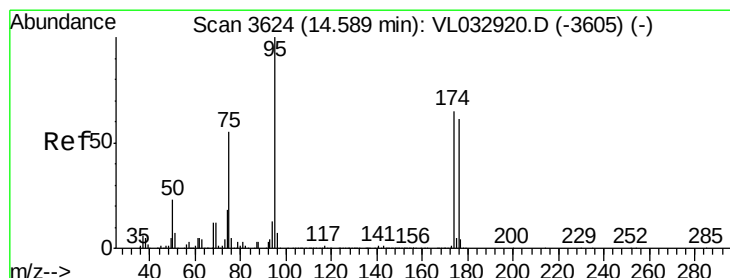
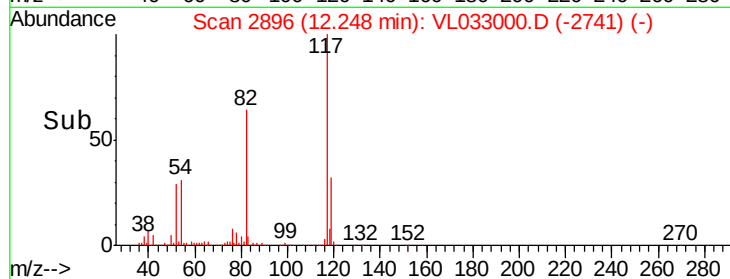
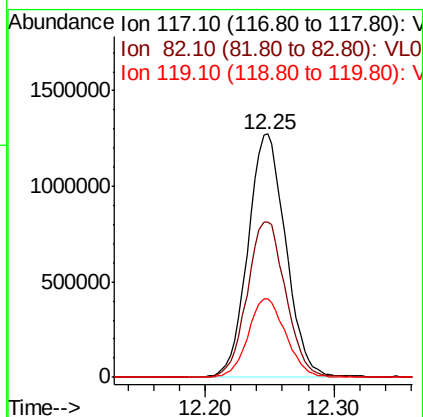
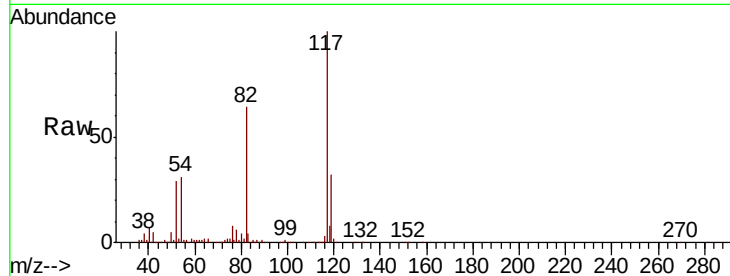




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.25 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VL033000.D
Acq: 17 Dec 2018 17:53

Instrument :
MSVOA_L
ClientSampleId :
QC121318 CAN 10323

Tot Ion:117 Resp: 2598421
Ion Ratio Lower Upper
117 100
82 65.7 47.8 71.8
119 32.7 43.1 64.7#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.648 ppbv
RT: 14.58 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL033000.D
Acq: 17 Dec 2018 17:53

Tgt Ion: 95 Resp: 2043982
Ion Ratio Lower Upper
95 100
174 66.1 51.4 77.0
175 4.9 3.8 5.6

