

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092120\
 Data File : VL035683.D
 Acq On : 21 Sep 2020 12:41
 Operator : SY/AP
 Sample : VL0921ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABL01

Quant Time: Sep 22 01:38:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Sep 14 15:19:50 2020
 QLast Update : Mon Sep 14 15:19:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	983644	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.14	114	3775667	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.05	117	3793584	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2758579	10.24	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

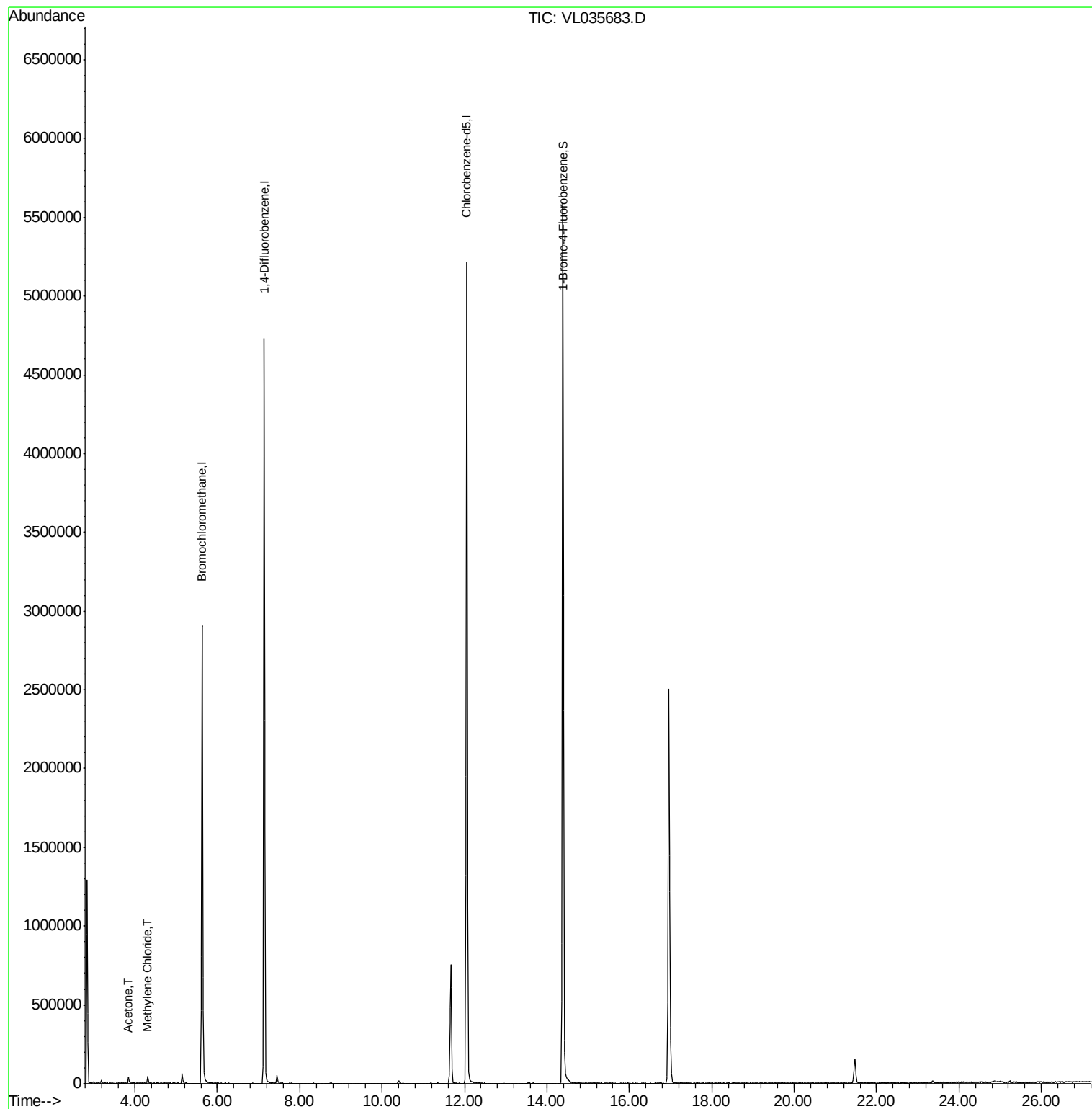
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.84	43	27175	0.250	ppbv #	30
20) Methylene Chloride	4.31	84	18025	0.223	ppbv #	88

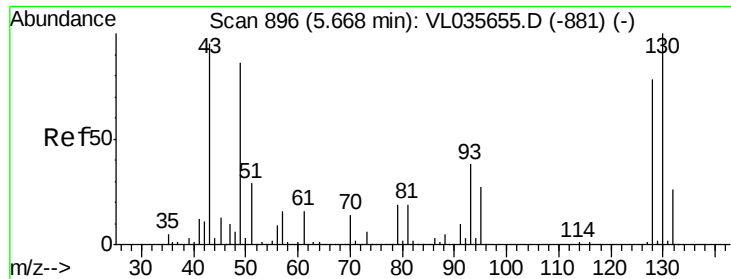
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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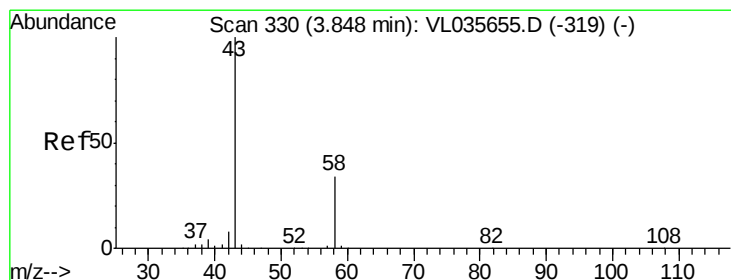
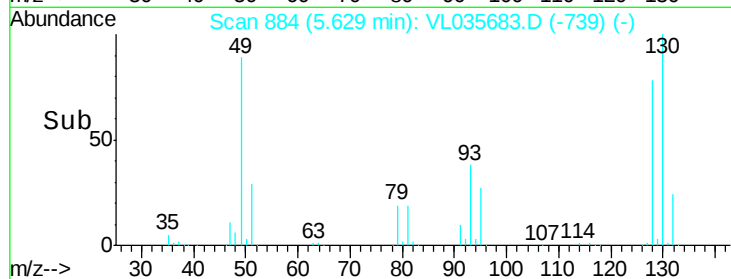
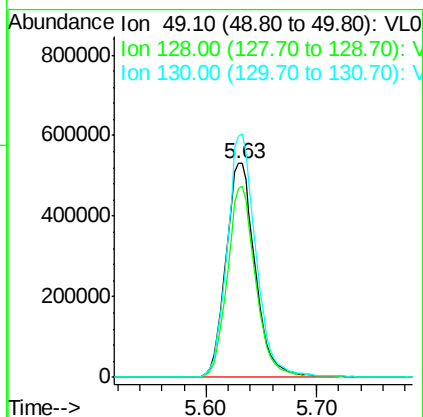
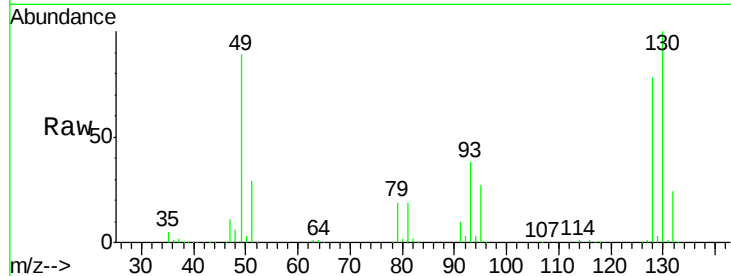




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.63 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: VL035683.D
 Acq: 21 Sep 2020 12:41

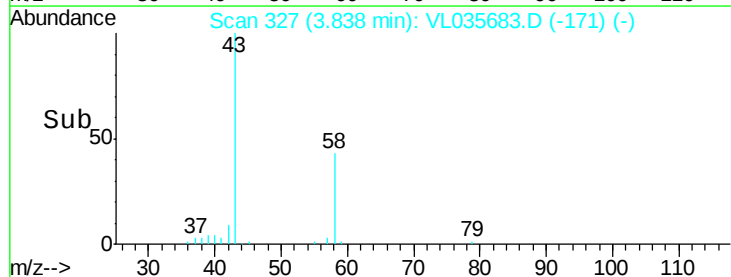
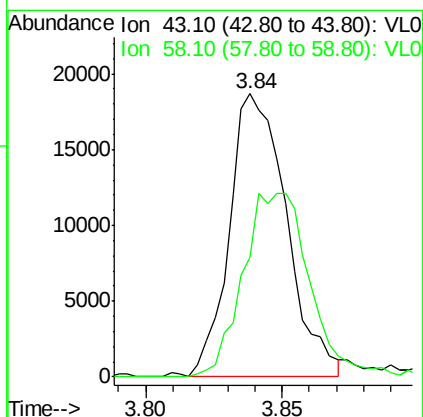
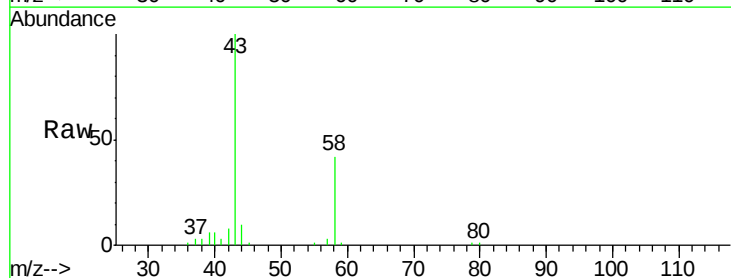
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0921ABL01

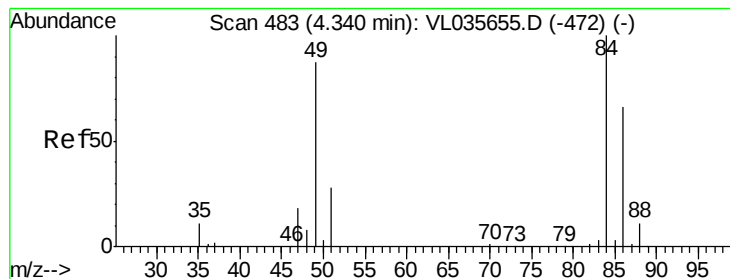
Tot Ion: 49 Resp: 983644
 Ion Ratio Lower Upper
 49 100
 128 86.5 50.0 150.1
 130 112.3 64.4 193.2



#15
 Acetone
 Concen: 0.250 ppbv
 RT: 3.84 min Scan# 327
 Delta R.T. 0.00 min
 Lab File: VL035683.D
 Acq: 21 Sep 2020 12:41

Tgt Ion: 43 Resp: 27175
 Ion Ratio Lower Upper
 43 100
 58 76.6 28.4 42.6#





#20

Methvlene Chloride

Concen: 0.223 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.02 min

Lab File: VL035683.D

Acq: 21 Sep 2020 12:41

Instrument :

MSVOA_L

ClientSampleId :

VL0921ABL01

Tot Ion: 84 Resp: 18025

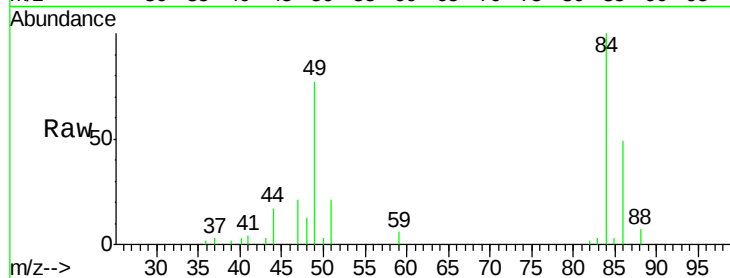
Ion Ratio Lower Upper

84 100

49 77.1 65.4 98.0

51 20.9 21.5 32.3#

86 49.3 52.9 79.3#

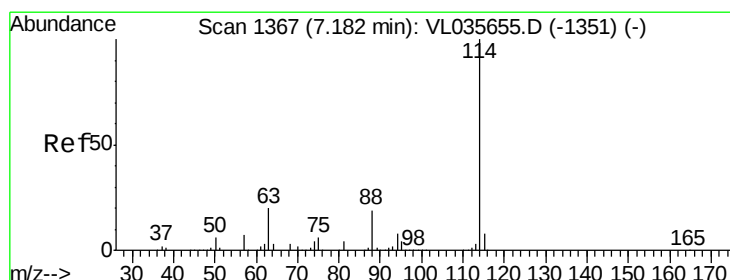
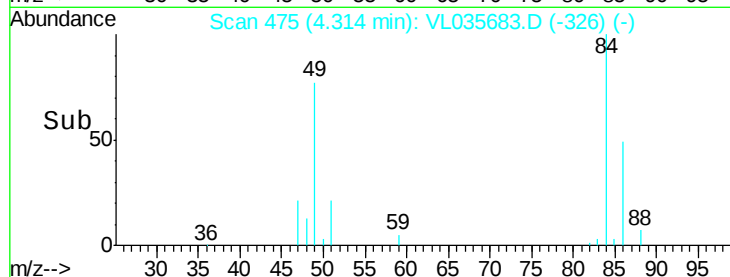
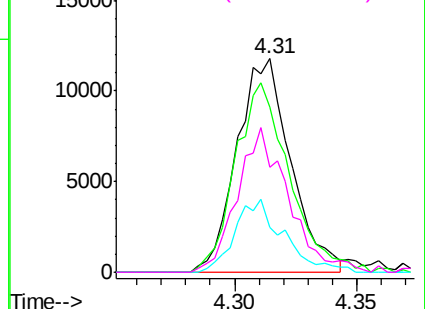


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.14 min Scan# 1353

Delta R.T. -0.04 min

Lab File: VL035683.D

Acq: 21 Sep 2020 12:41

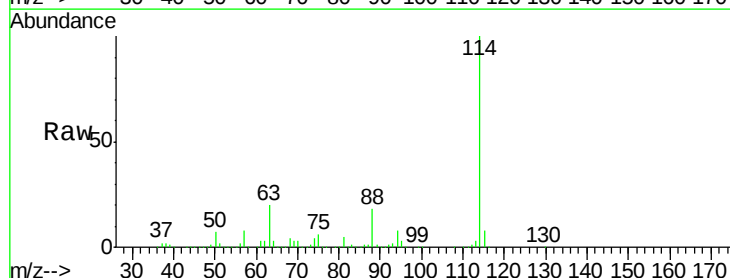
Tgt Ion: 114 Resp: 3775667

Ion Ratio Lower Upper

114 100

63 19.2 14.7 22.1

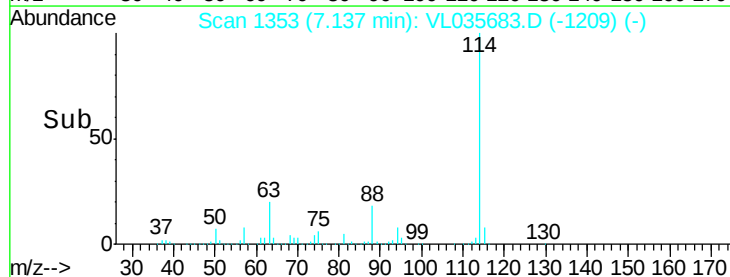
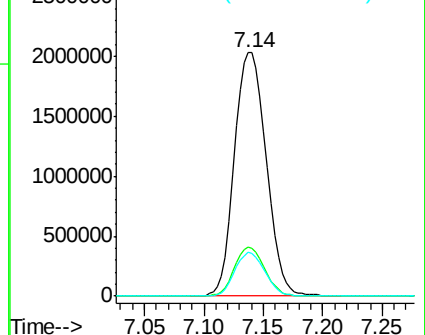
88 17.0 13.4 20.2

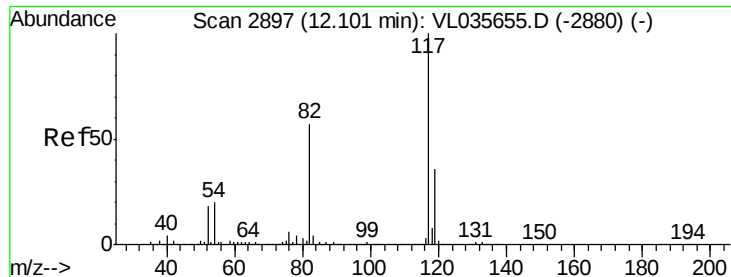


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

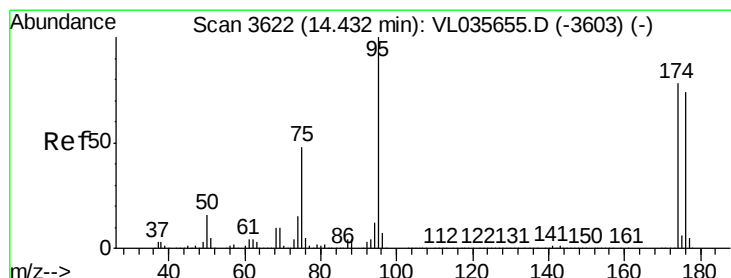
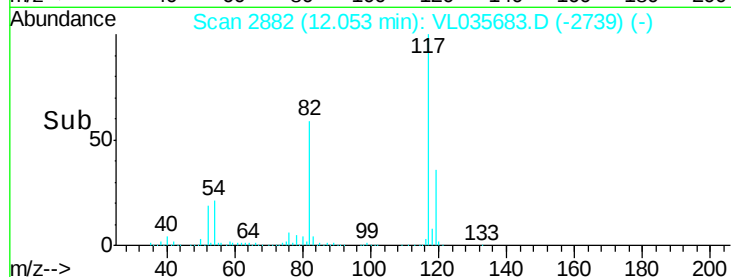
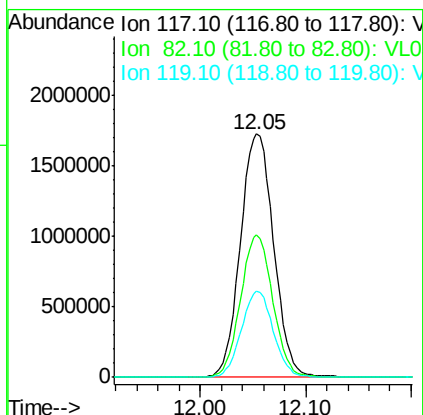
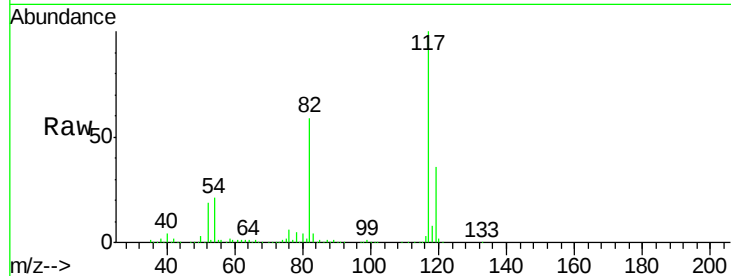




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min Scan# 2882
Delta R.T. -0.04 min
Lab File: VL035683.D
Acq: 21 Sep 2020 12:41

Instrument :
MSVOA_L
ClientSampleId :
VL0921ABL01

Tot Ion:117 Resp: 3793584
Ion Ratio Lower Upper
117 100
82 57.0 41.6 62.4
119 34.2 29.3 43.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.240 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035683.D
Acq: 21 Sep 2020 12:41

Tgt Ion: 95 Resp: 2758579
Ion Ratio Lower Upper
95 100
174 78.2 69.6 104.4
175 5.6 5.1 7.7

