

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035212.D
 Acq On : 21 Jul 2020 13:24
 Operator : SY/AP
 Sample : 071320 CAN 10473
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 071320 CAN 10473

Quant Time: Jul 22 01:09:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1190006	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2800066	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2589471	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2093368	9.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

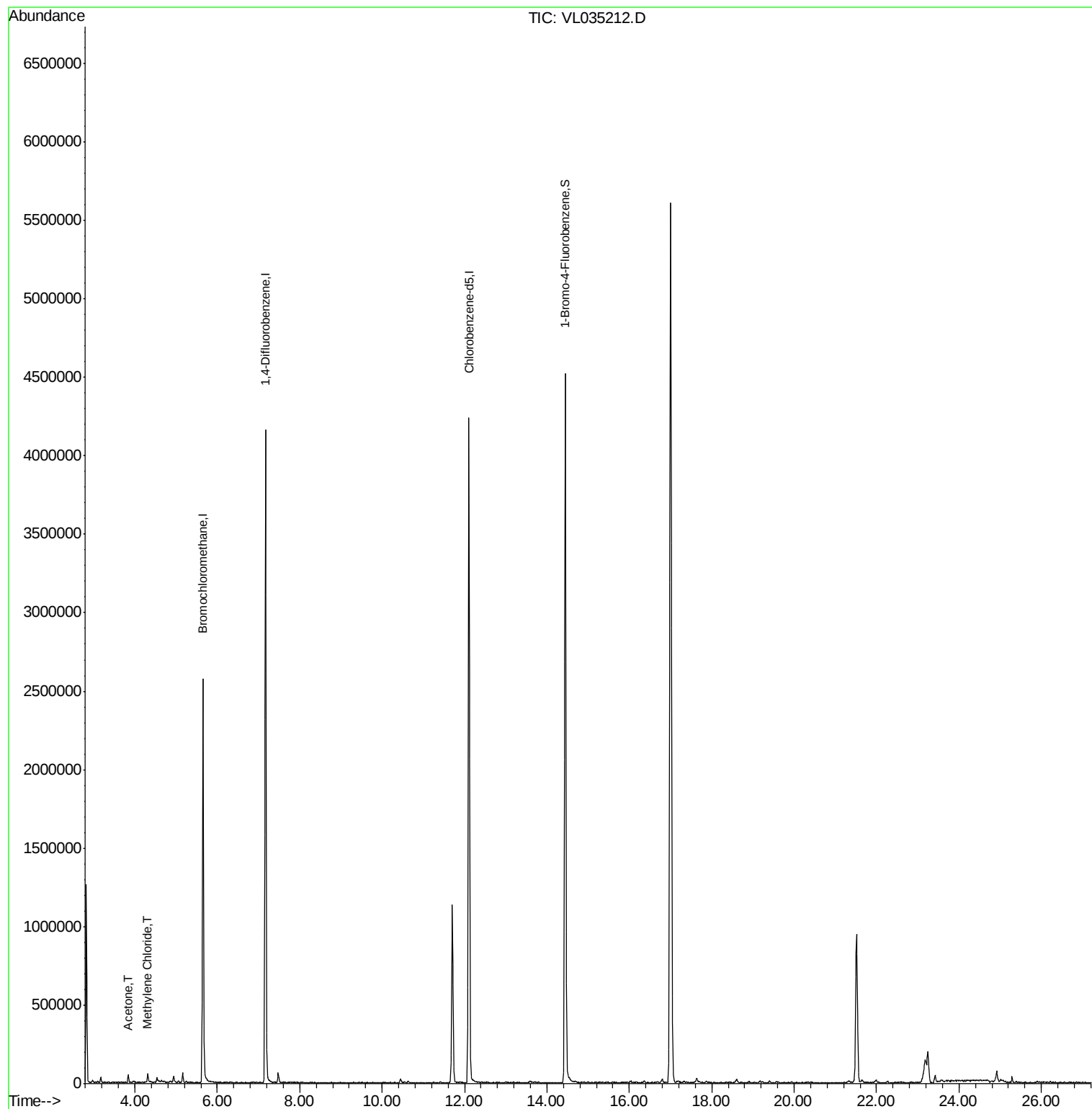
Target Compounds					Ovalue
15) Acetone	3.83	43	40194	0.249 ppbv #	42
20) Methylene Chloride	4.31	84	17541	0.250 ppbv #	73

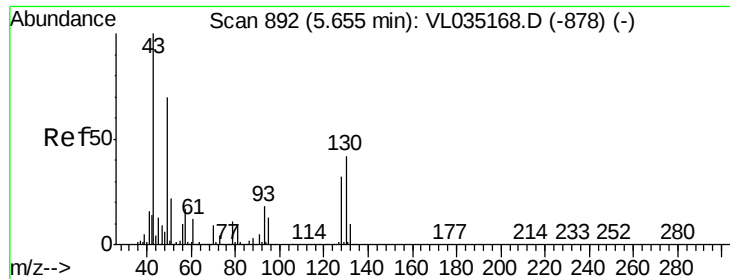
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.01 min

Lab File: VL035212.D

Acq: 21 Jul 2020 13:24

Instrument :

MSVOA_L

ClientSampleId :

071320 CAN 10473

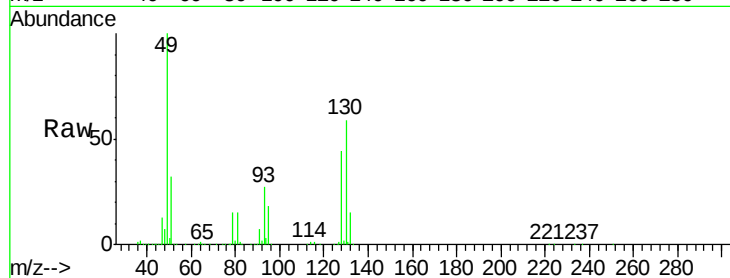
Tot Ion: 49 Resp: 1190006

Ion Ratio Lower Upper

49 100

128 47.6 23.8 71.4

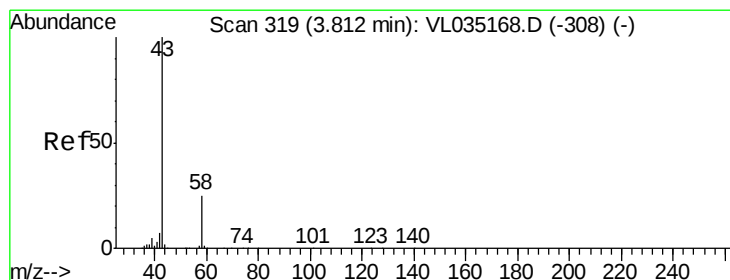
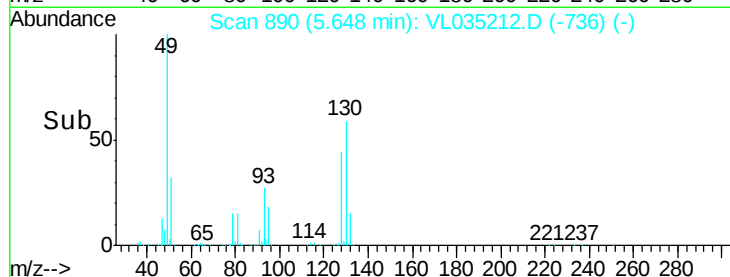
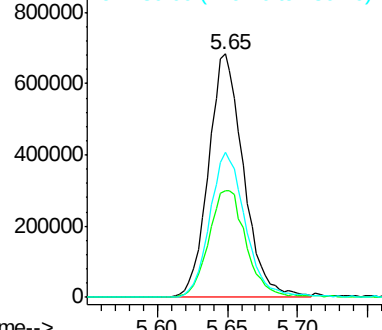
130 61.1 29.9 89.8



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: 0.249 ppbv

RT: 3.83 min Scan# 325

Delta R.T. 0.02 min

Lab File: VL035212.D

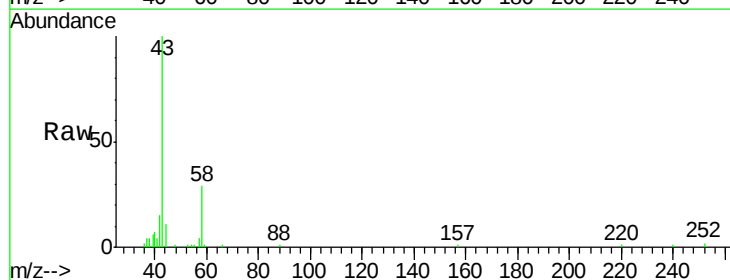
Acq: 21 Jul 2020 13:24

Tgt Ion: 43 Resp: 40194

Ion Ratio Lower Upper

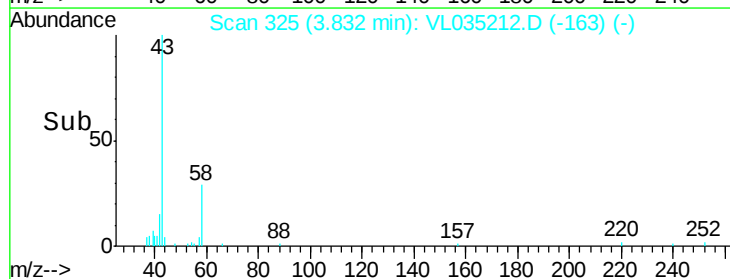
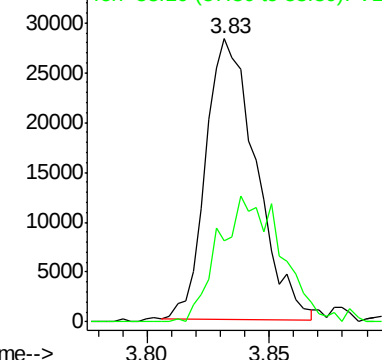
43 100

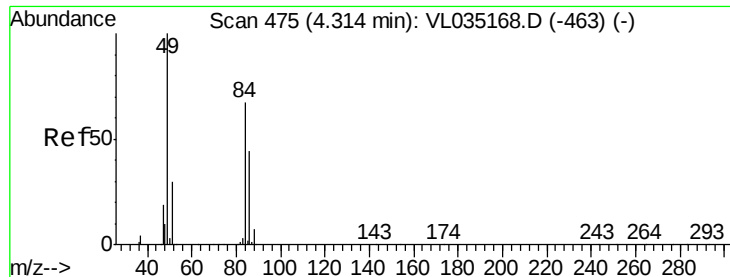
58 56.5 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





#20

Methylene Chloride

Concen: 0.250 ppbv

RT: 4.31 min Scan# 475

Delta R.T. 0.00 min

Lab File: VL035212.D

Acq: 21 Jul 2020 13:24

Instrument :

MSVOA_L

ClientSampleId :

071320 CAN 10473

Tot Ion: 84 Resp: 17541

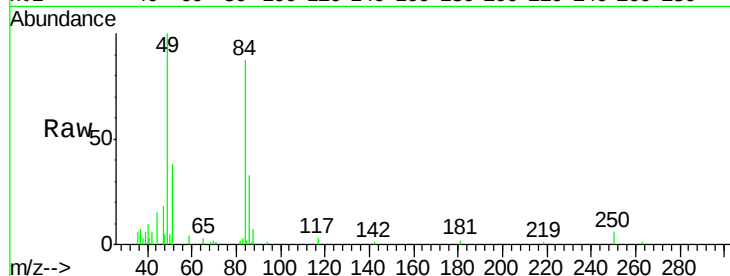
Ion Ratio Lower Upper

84 100

49 110.9 119.4 179.0#

51 43.0 36.6 55.0

86 37.1 52.5 78.7#

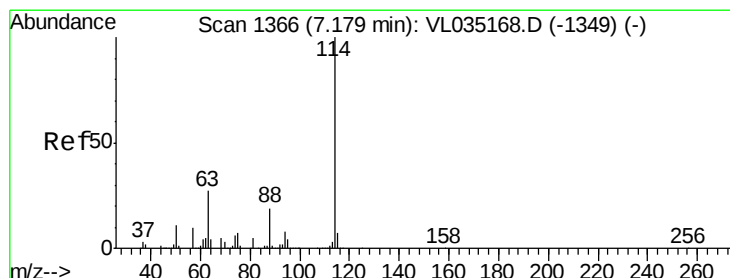
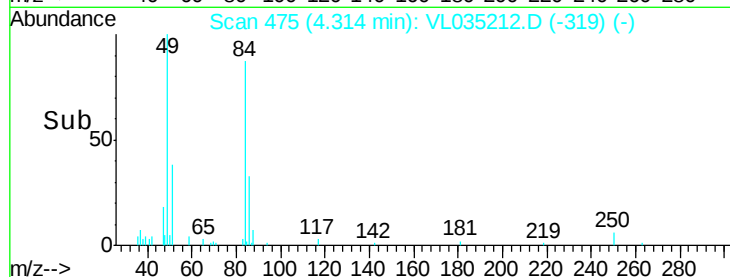
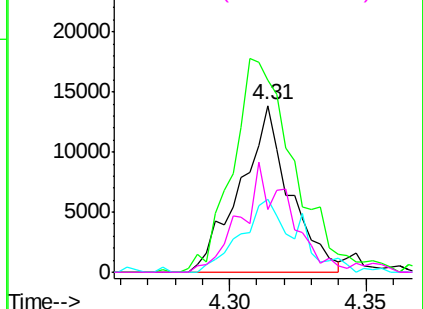


Abundance Ion 84.00 (83.70 to 84.70): VL0

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: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL035212.D

Acq: 21 Jul 2020 13:24

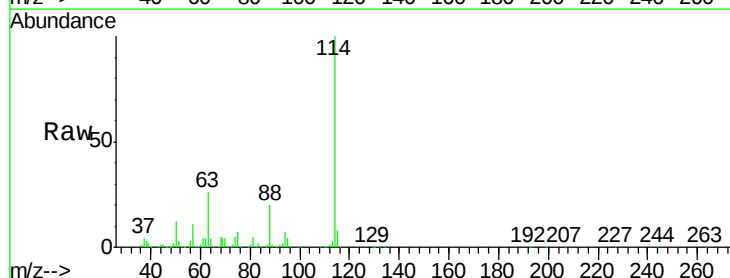
Tgt Ion: 114 Resp: 2800066

Ion Ratio Lower Upper

114 100

63 26.6 22.0 33.0

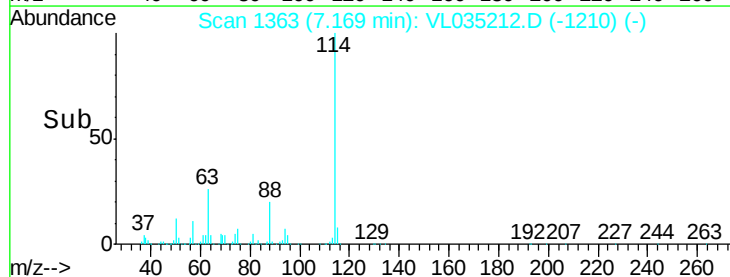
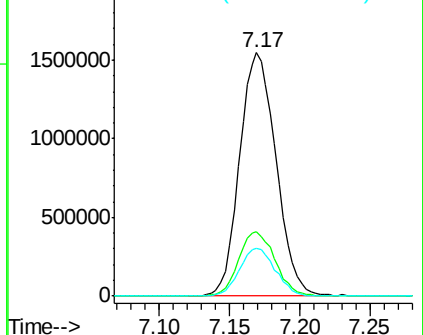
88 19.6 15.4 23.0

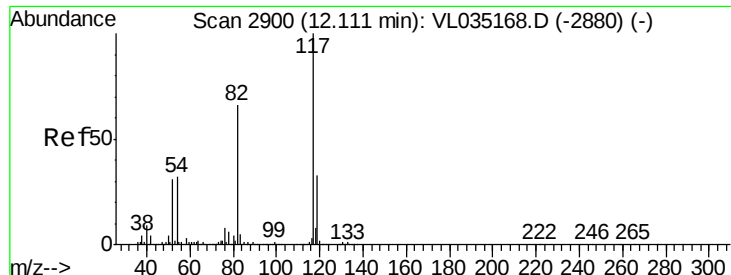


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

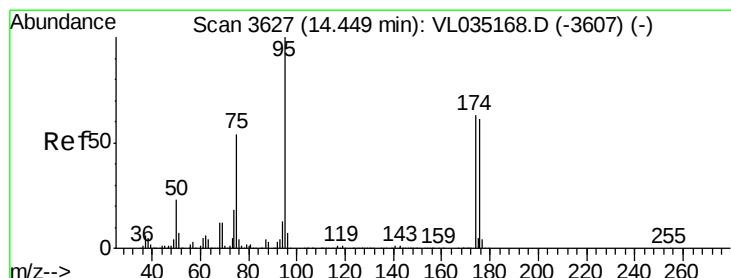
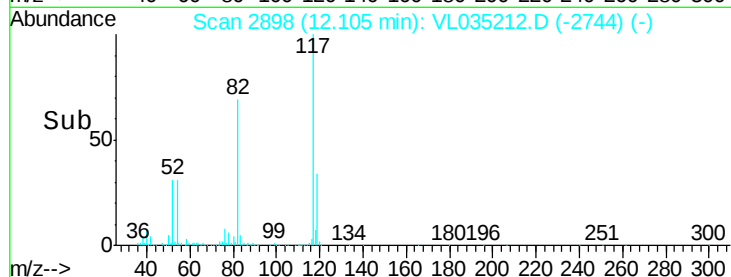
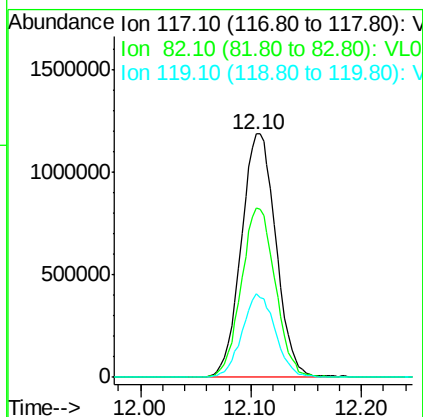
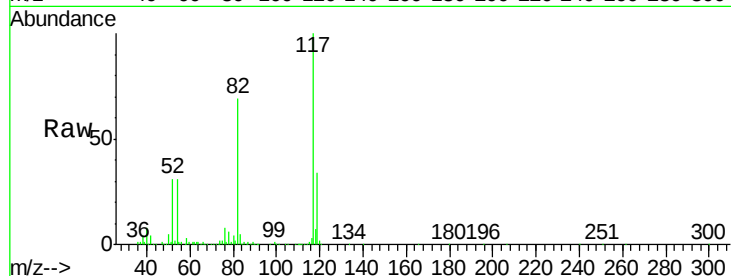




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035212.D
Acq: 21 Jul 2020 13:24

Instrument :
MSVOA_L
ClientSampleId :
071320 CAN 10473

Tot Ion:117 Resp: 2589471
Ion Ratio Lower Upper
117 100
82 68.7 52.3 78.5
119 32.9 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.951 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035212.D
Acq: 21 Jul 2020 13:24

Tgt Ion: 95 Resp: 2093368
Ion Ratio Lower Upper
95 100
174 65.3 52.2 78.2
175 4.8 4.0 6.0

