

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080320\
 Data File : VL035323.D
 Acq On : 3 Aug 2020 20:28
 Operator : SY/AP
 Sample : VL0803ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0803ABL01

Quant Time: Aug 04 06:02:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 04 05:31:29 2020
 QLast Update : Tue Aug 04 05:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1383926	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3412562	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3281064	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2764453	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

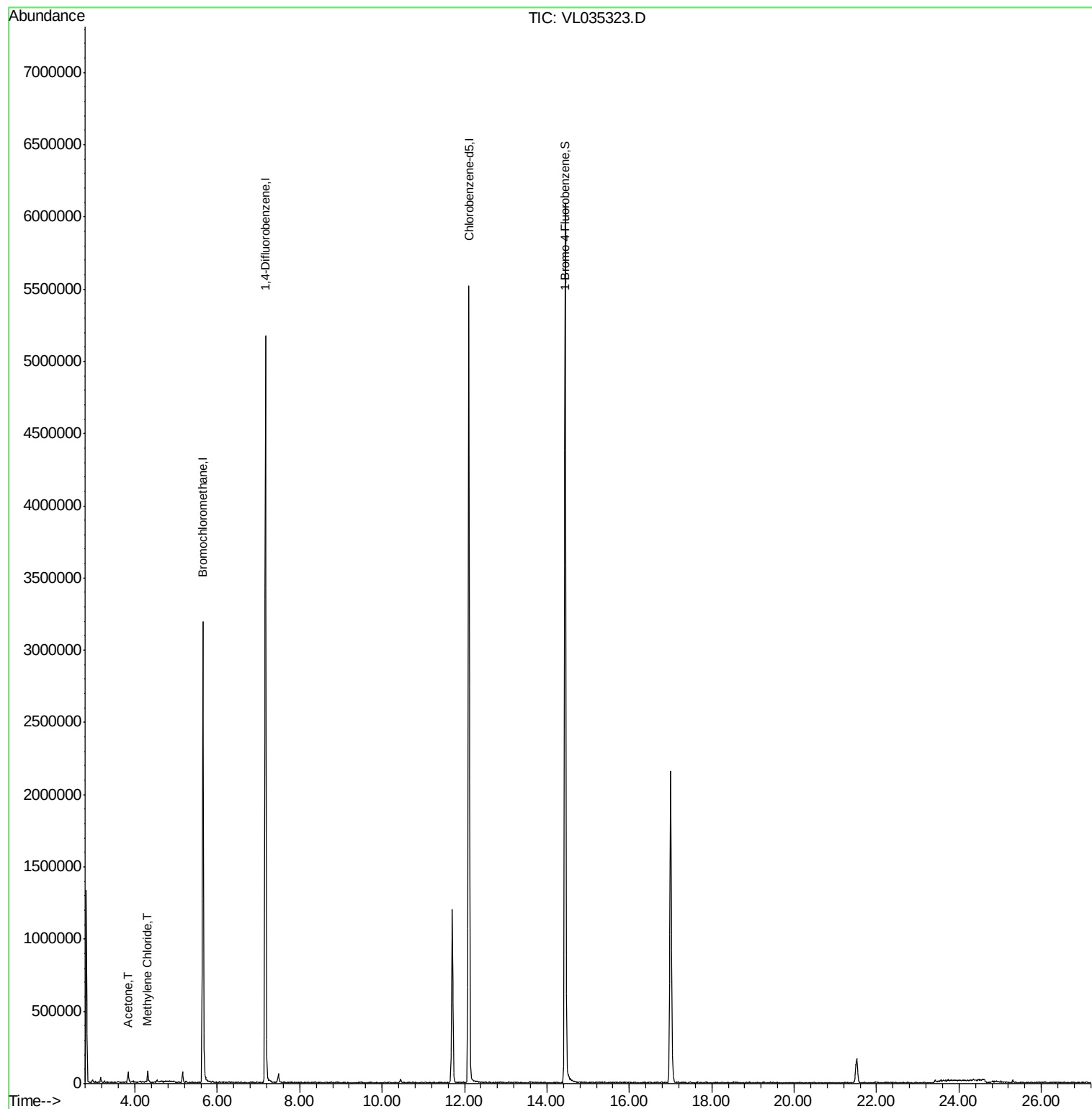
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.83	43	58356	0.292	ppbv #	59
20) Methylene Chloride	4.31	84	23255	0.254	ppbv #	86

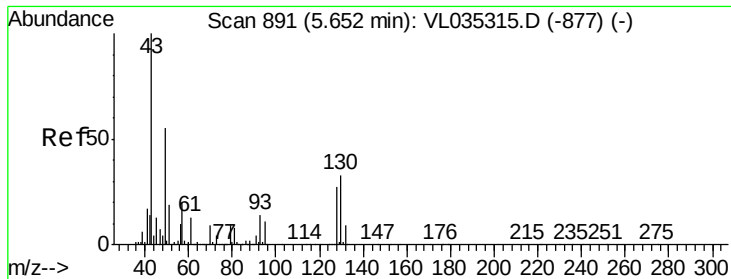
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 04 05:31:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.01 min

Lab File: VL035323.D

Acq: 3 Aug 2020 20:28

Instrument :

MSVOA_L

ClientSampleId :

VL0803ABL01

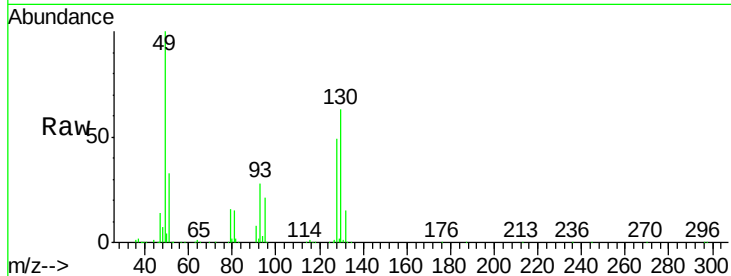
Tot Ion: 49 Resp: 1383926

Ion Ratio Lower Upper

49 100

128 50.5 23.8 71.5

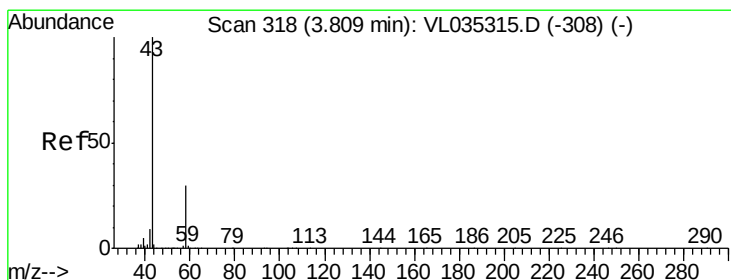
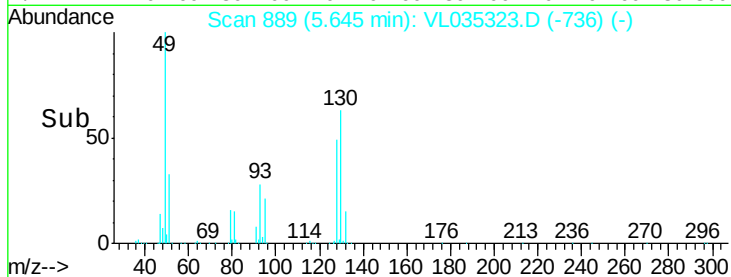
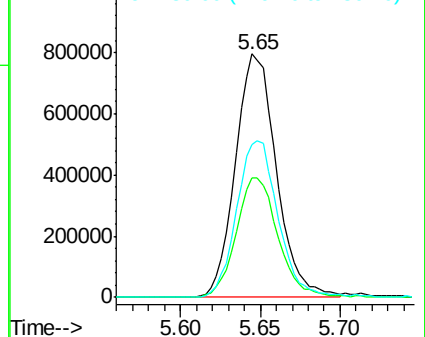
130 65.5 31.4 94.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#15

Acetone

Concen: 0.292 ppbv

RT: 3.83 min Scan# 324

Delta R.T. 0.02 min

Lab File: VL035323.D

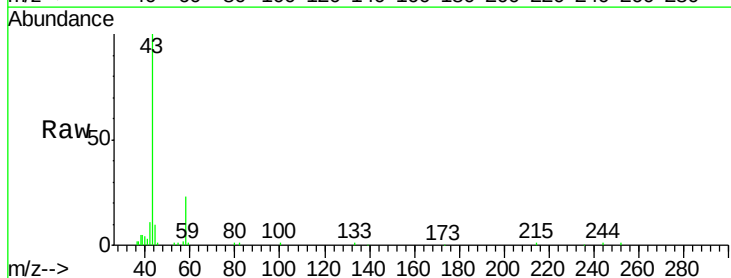
Acq: 3 Aug 2020 20:28

Tgt Ion: 43 Resp: 58356

Ion Ratio Lower Upper

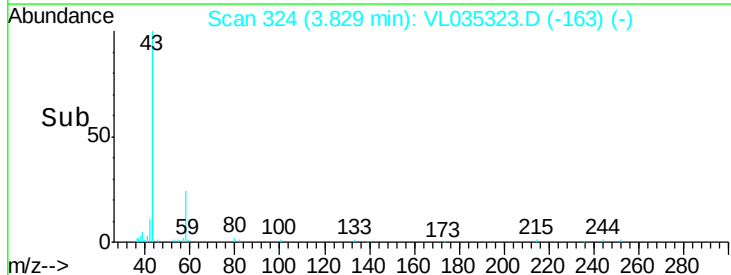
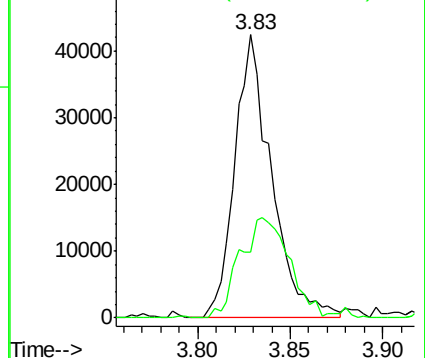
43 100

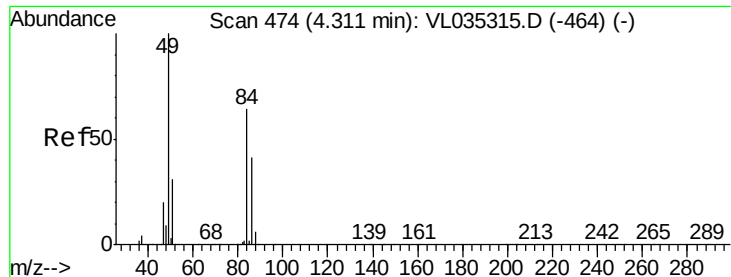
58 49.0 22.1 33.1#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

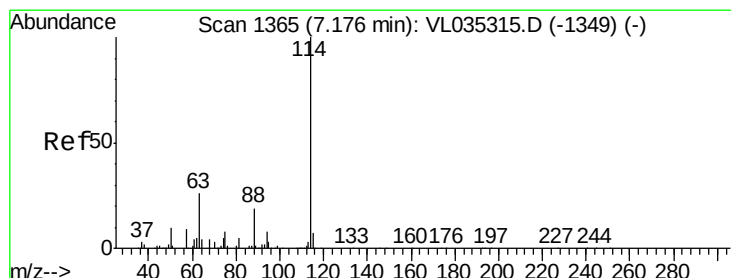
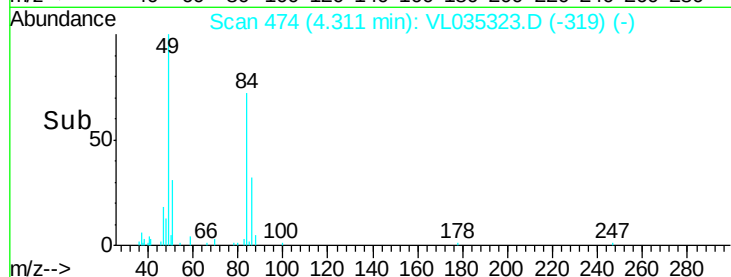
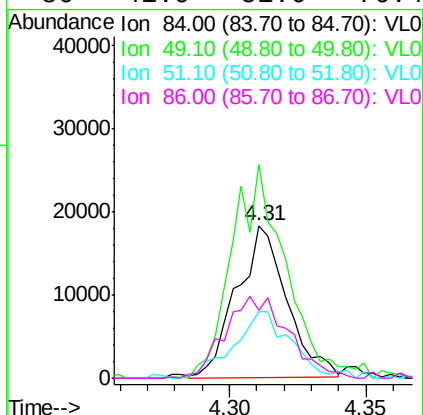
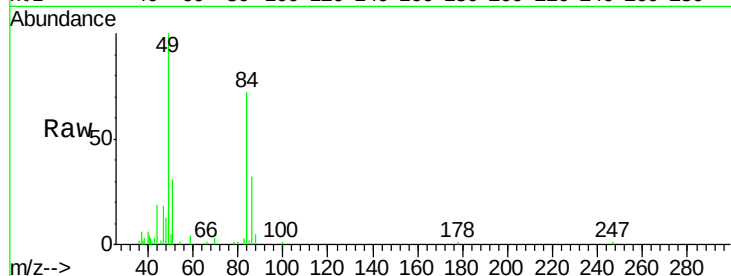




#20
Methvlene Chloride
Concen: 0.254 ppbv
RT: 4.31 min Scan# 474
Delta R.T. -0.00 min
Lab File: VL035323.D
Acq: 3 Aug 2020 20:28

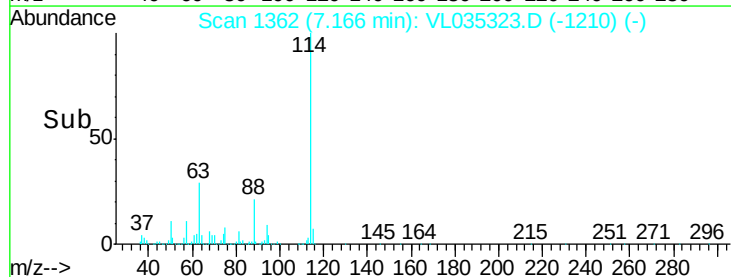
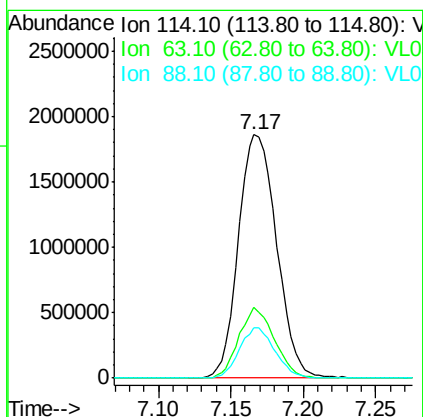
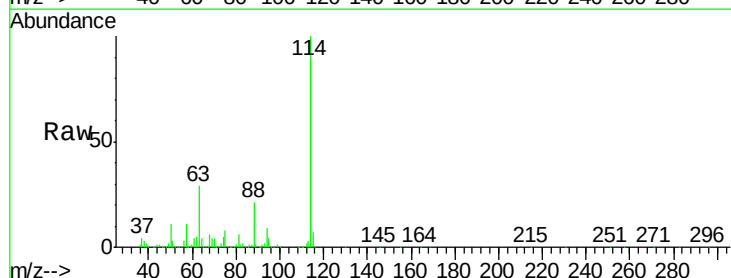
Instrument :
MSVOA_L
ClientSampleId :
VL0803ABL01

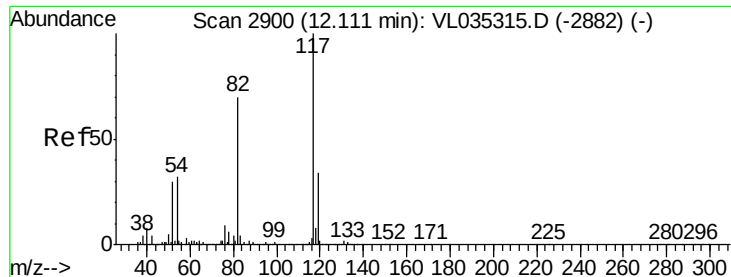
Tot Ion:	84	Resp:	23255
Ion	Ratio	Lower	Upper
84	100		
49	141.7	124.2	186.2
51	42.5	38.6	58.0
86	41.9	51.0	76.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035323.D
Acq: 3 Aug 2020 20:28

Tgt Ion:	114	Resp:	3412562
Ion	Ratio	Lower	Upper
114	100		
63	27.2	21.5	32.3
88	19.4	15.3	22.9

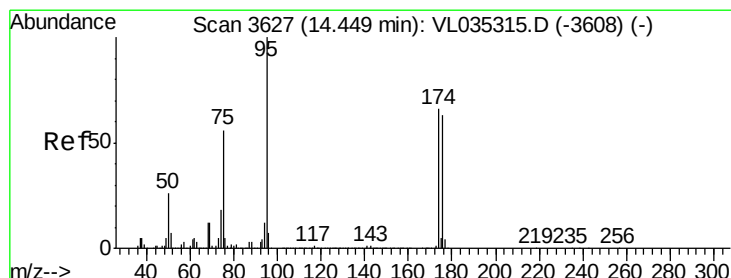
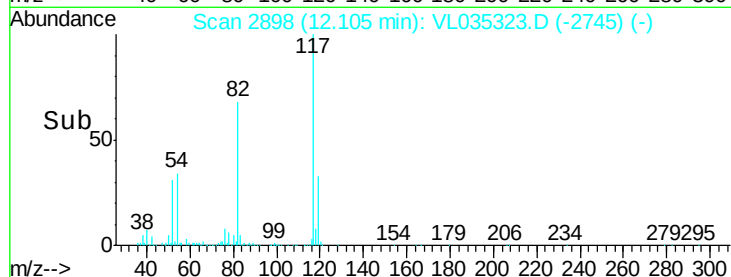
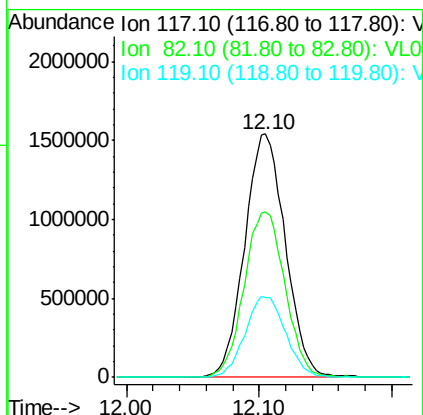
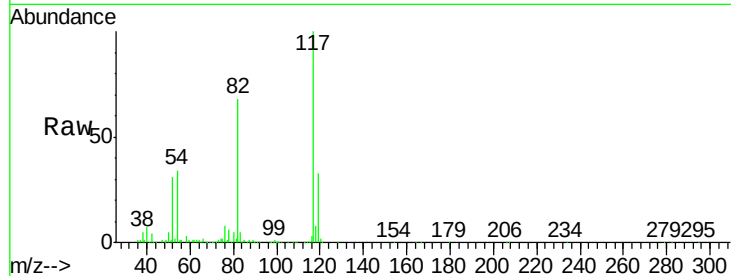




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
Lab File: VL035323.D
Acq: 3 Aug 2020 20:28

Instrument :
MSVOA_L
ClientSampleId :
VL0803ABL01

Tot Ion:117 Resp: 3281064
Ion Ratio Lower Upper
117 100
82 69.0 50.6 76.0
119 33.2 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.059 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.01 min
Lab File: VL035323.D
Acq: 3 Aug 2020 20:28

Tgt Ion: 95 Resp: 2764453
Ion Ratio Lower Upper
95 100
174 66.5 52.5 78.7
175 4.9 3.9 5.9

