

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035106.D
 Acq On : 22 Jun 2020 10:02
 Operator : SY/AP
 Sample : VL0622ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABL01

Quant Time: Jun 22 11:56:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1293316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3020461	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2917163	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2479212	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

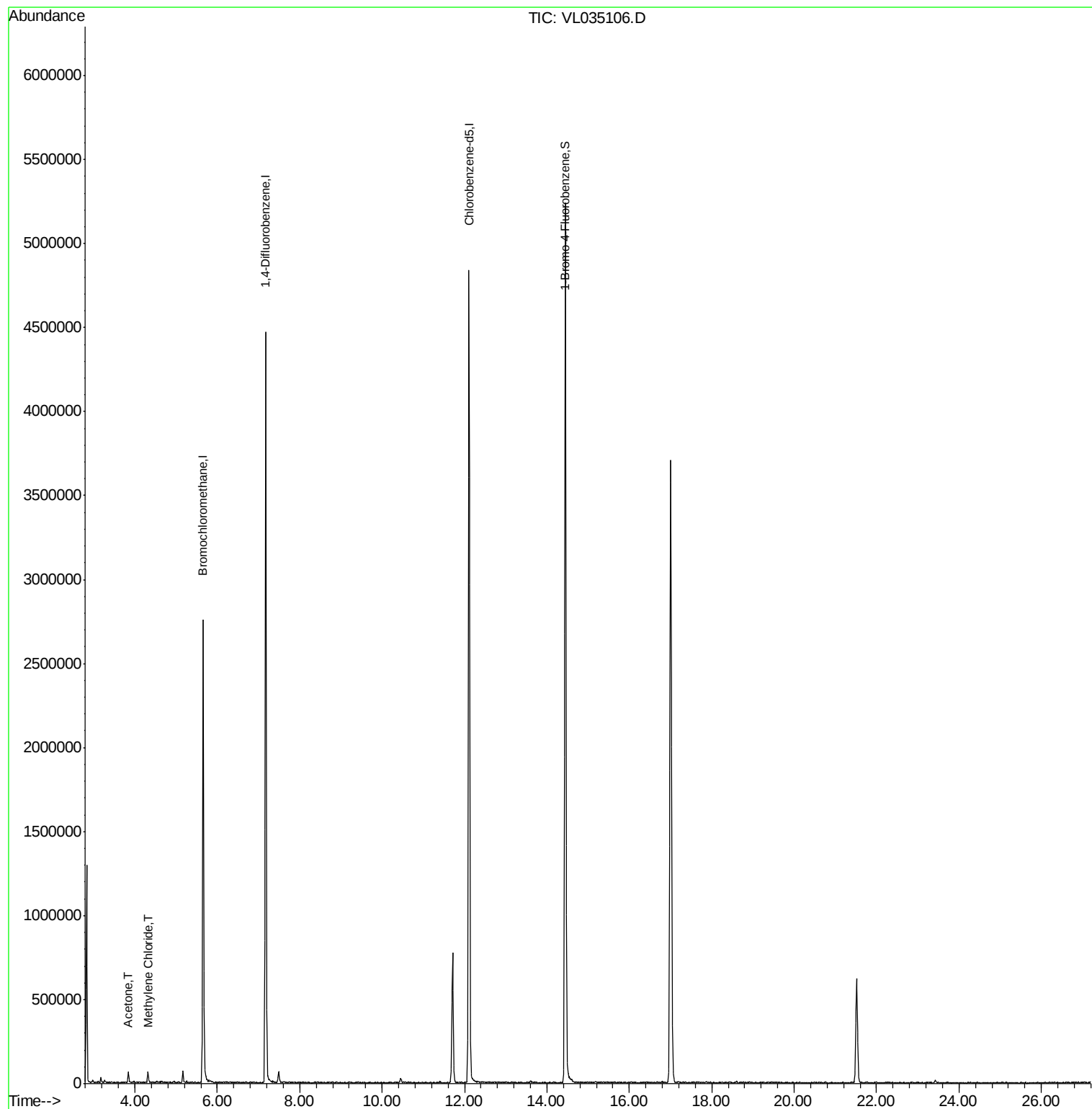
Target Compounds					Ovalue
15) Acetone	3.84	43	57982	0.371 ppbv #	74
20) Methylene Chloride	4.32	84	18018	0.285 ppbv #	75

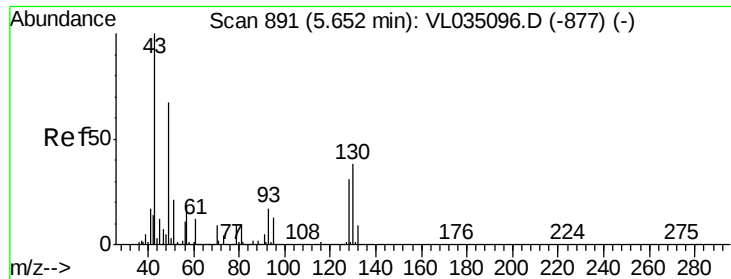
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 20 02:10:36 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL035106.D

Acq: 22 Jun 2020 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABL01

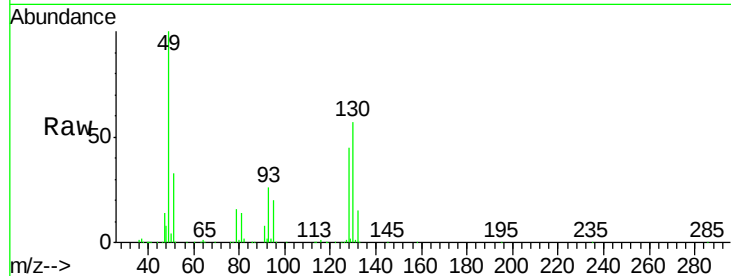
Tot Ion: 49 Resp: 1293316

Ion Ratio Lower Upper

49 100

128 47.8 22.9 68.5

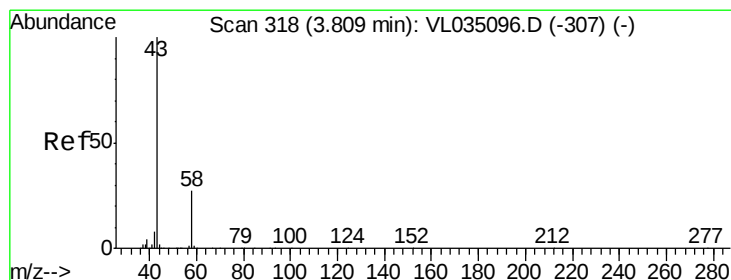
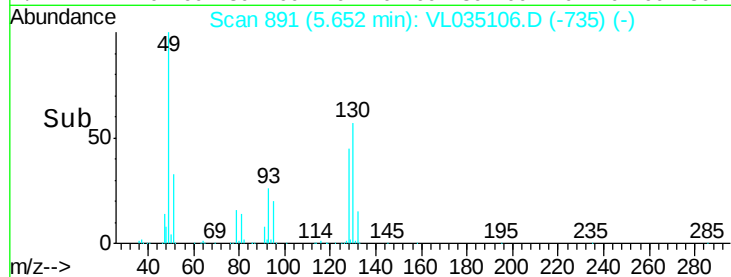
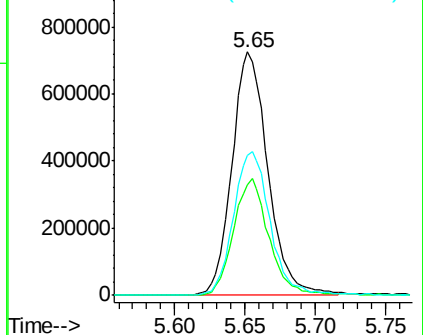
130 61.0 29.0 87.0



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: 0.371 ppbv

RT: 3.84 min Scan# 326

Delta R.T. 0.03 min

Lab File: VL035106.D

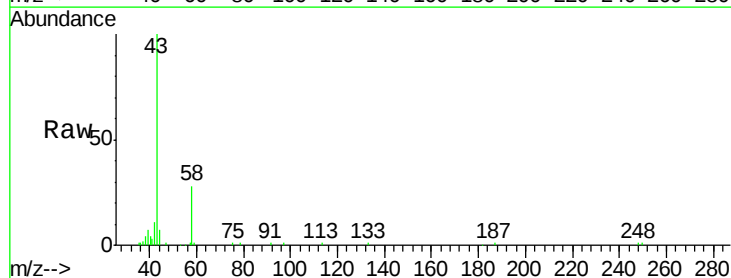
Acq: 22 Jun 2020 10:02

Tgt Ion: 43 Resp: 57982

Ion Ratio Lower Upper

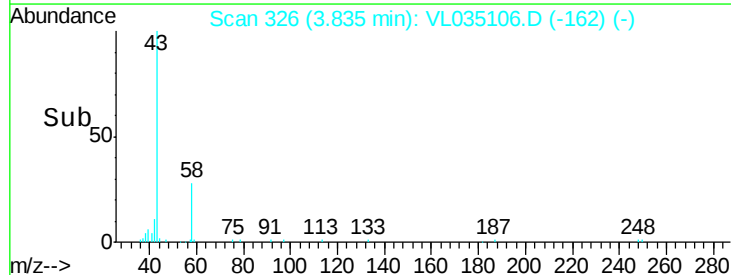
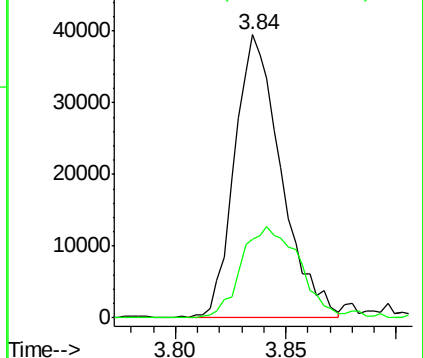
43 100

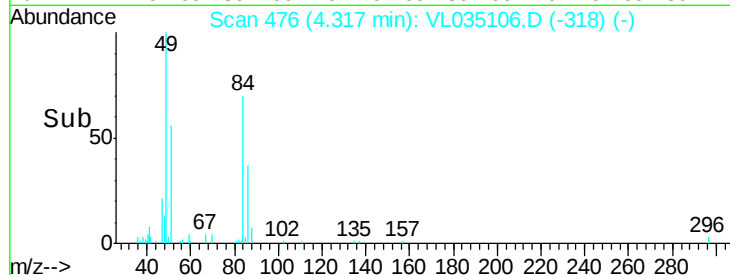
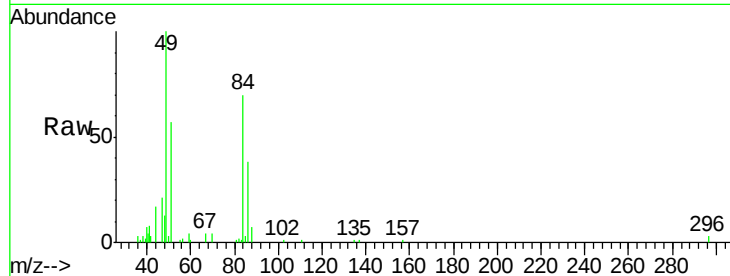
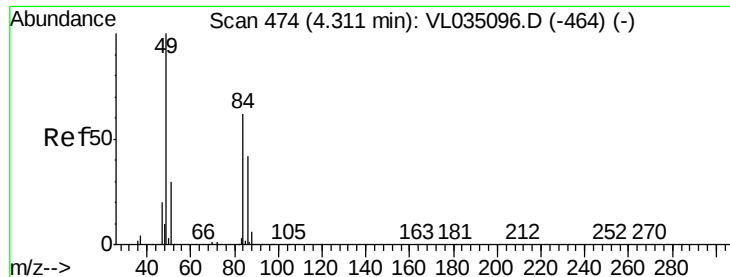
58 40.6 21.8 32.6#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

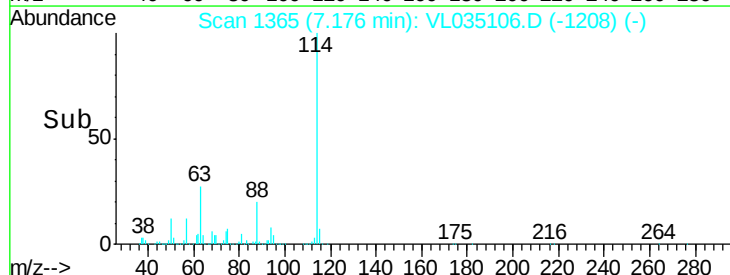
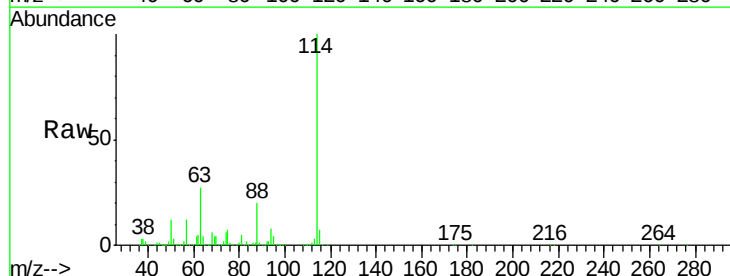
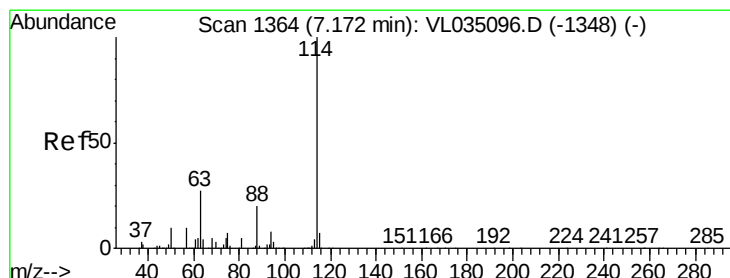
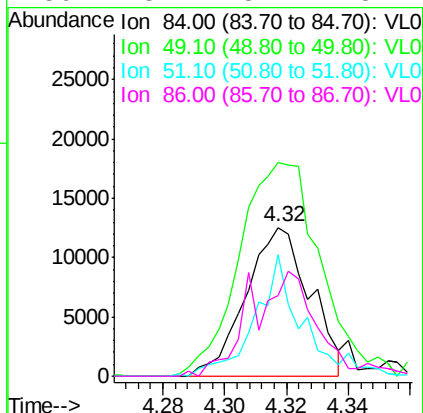




#20
Methylene Chloride
Concen: 0.285 ppbv
RT: 4.32 min Scan# 476
Delta R.T. 0.01 min
Lab File: VL035106.D
Acq: 22 Jun 2020 10:02

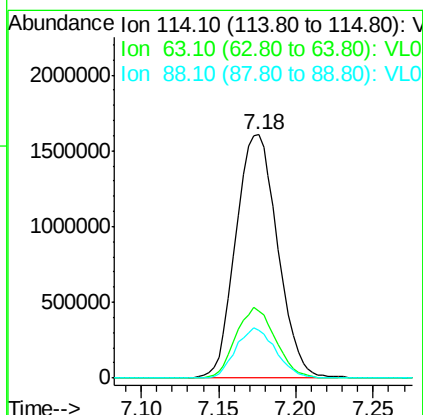
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABL01

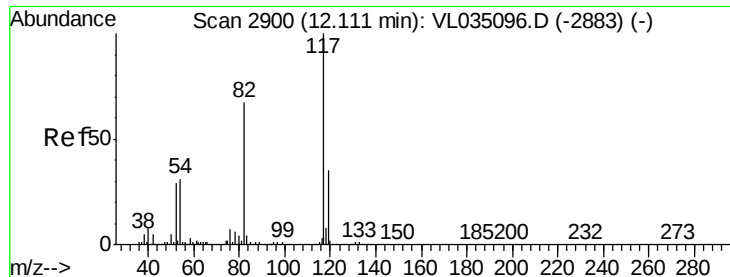
Tot Ion	84	Resp	18018
Ion Ratio	Lower	Upper	
84	100		
49	137.0	128.8	193.2
51	81.4	38.7	58.1#
86	48.7	54.1	81.1#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VL035106.D
Acq: 22 Jun 2020 10:02

Tgt Ion	114	Resp	3020461
Ion Ratio	Lower	Upper	
114	100		
63	27.7	21.9	32.9
88	19.8	15.6	23.4

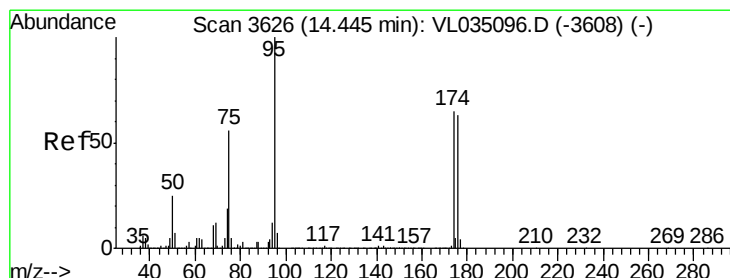
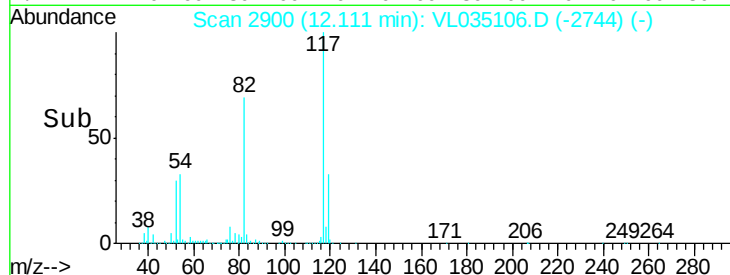
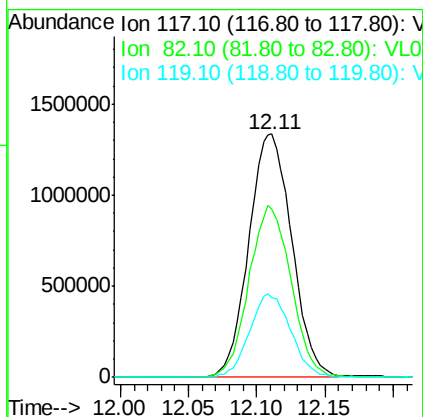
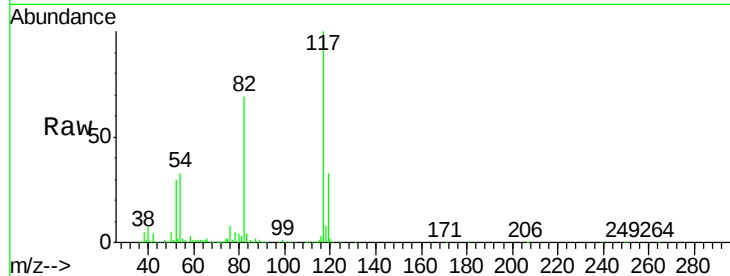




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL035106.D
Acq: 22 Jun 2020 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABL01

Tot Ion:117 Resp: 2917163
Ion Ratio Lower Upper
117 100
82 69.4 50.4 75.6
119 33.1 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.231 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035106.D
Acq: 22 Jun 2020 10:02

Tgt Ion: 95 Resp: 2479212
Ion Ratio Lower Upper
95 100
174 64.7 52.2 78.2
175 4.9 4.0 6.0

