

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035893.D
 Acq On : 10 Nov 2020 17:12
 Operator : SY/AP
 Sample : VL1110ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1110ABL01

Quant Time: Nov 11 01:30:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1162470	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	4277187	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	4103348	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2964846	10.17	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.70%

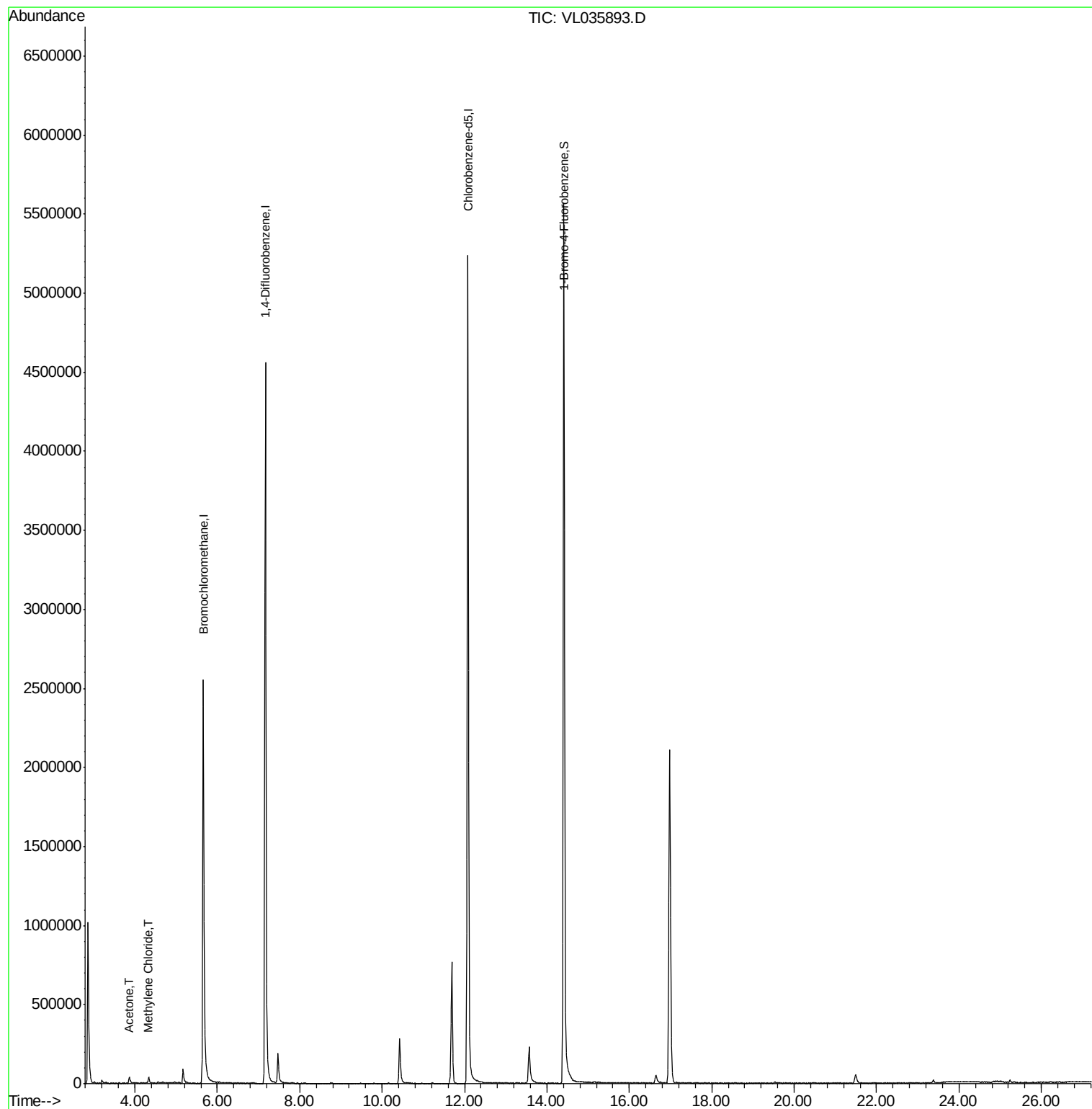
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	34829	0.280	ppbv	# 1
20) Methylene Chloride	4.34	84	19431	0.222	ppbv	94

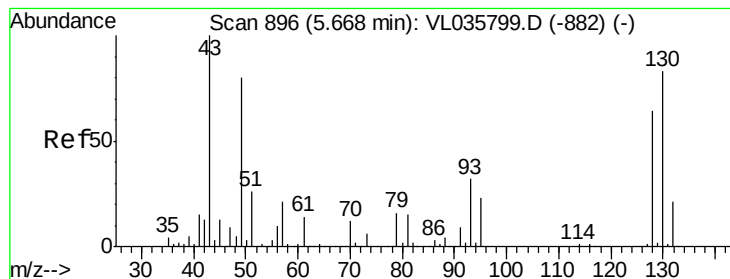
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035893.D

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Instrument :

MSVOA_L

ClientSampleId :

VL1110ABL01

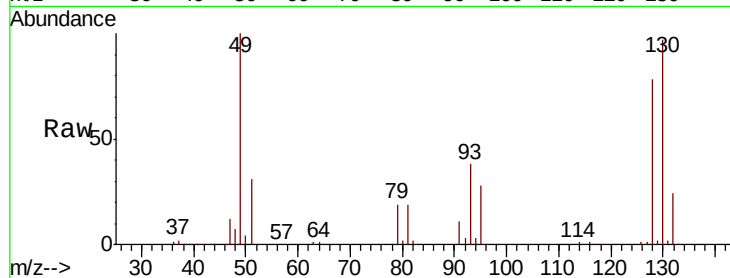
Tot Ion: 49 Resp: 1162470

Ion Ratio Lower Upper

49 100

128 81.0 41.5 124.6

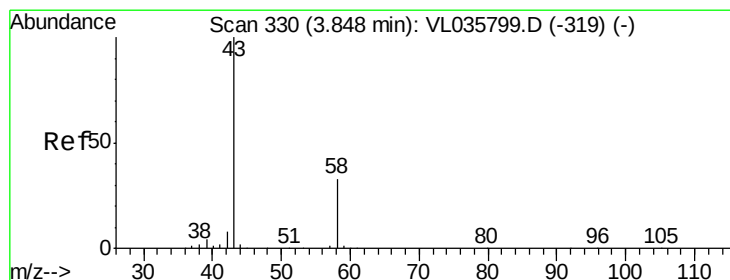
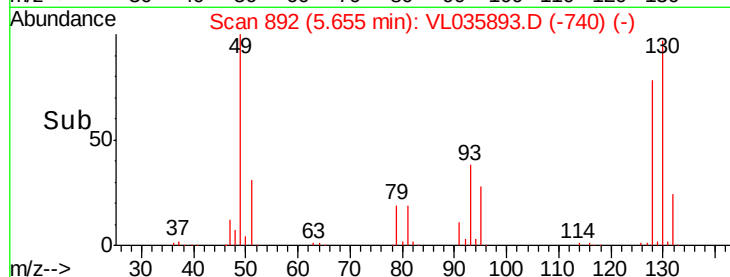
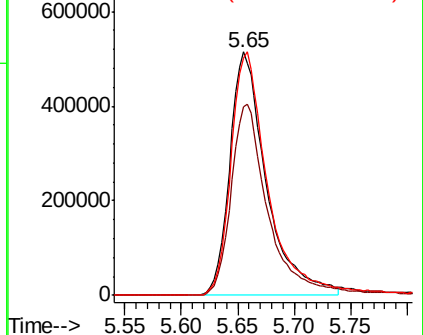
130 103.9 53.7 161.1



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: 0.280 ppbv

RT: 3.86 min Scan# 333

Delta R.T. 0.01 min

Lab File: VL035893.D

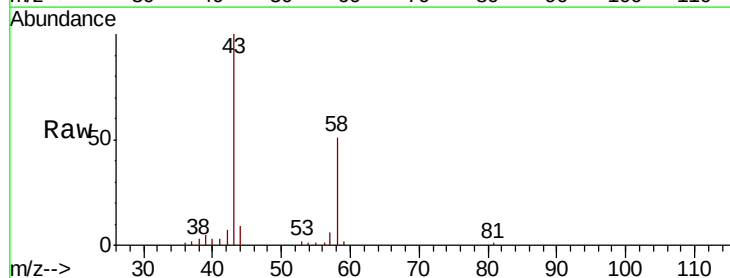
Acq: 10 Nov 2020 17:12

Tgt Ion: 43 Resp: 34829

Ion Ratio Lower Upper

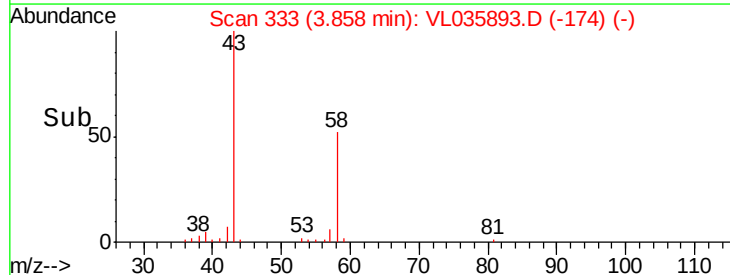
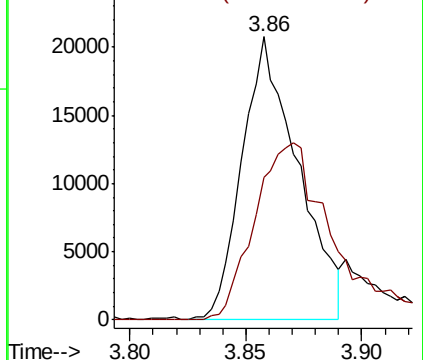
43 100

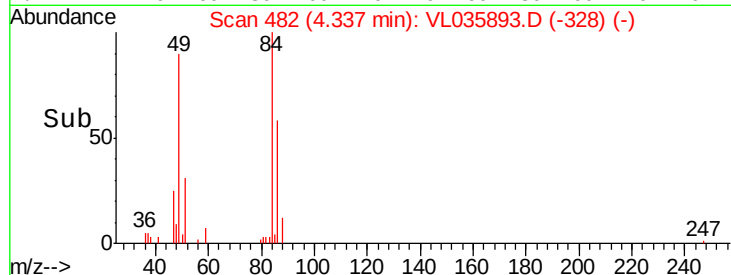
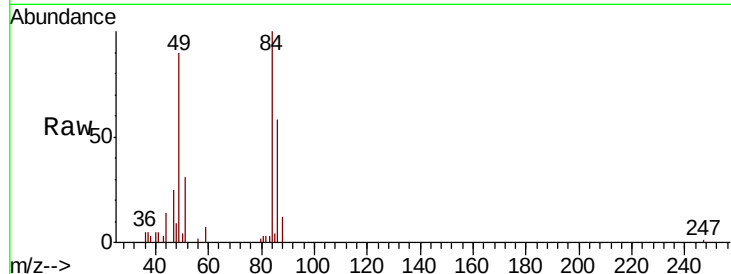
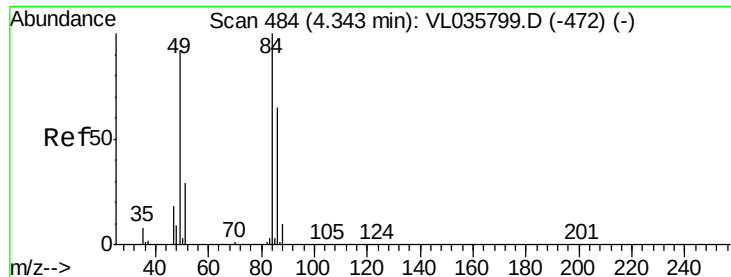
58 93.7 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

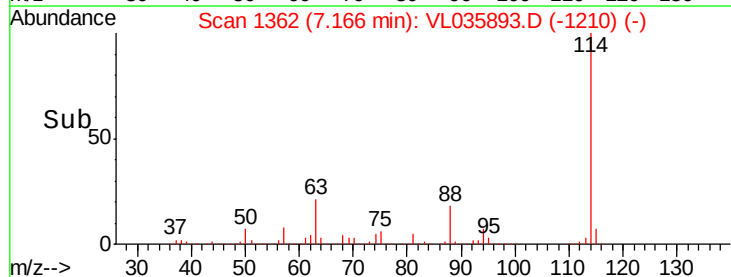
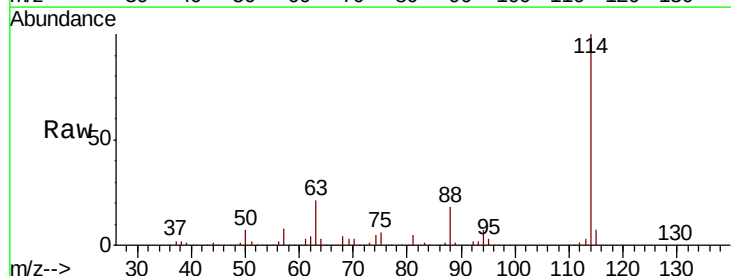
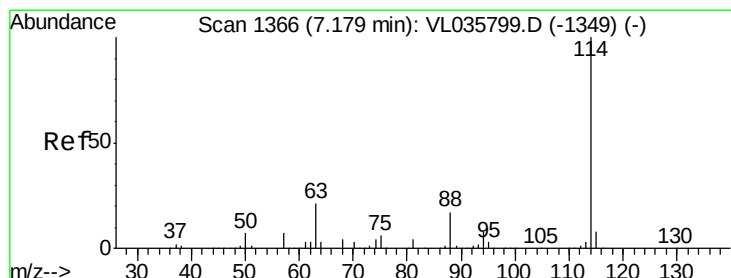
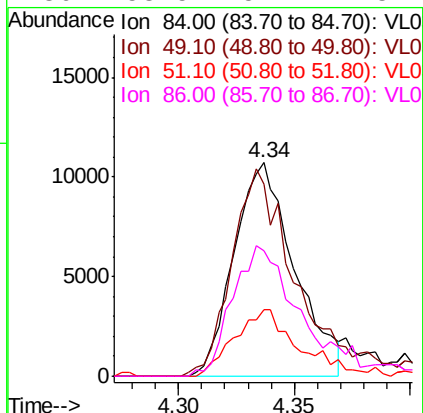




#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

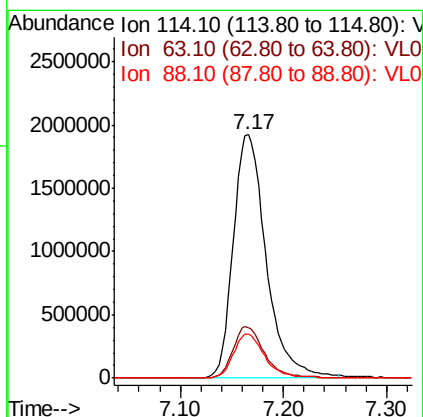
Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

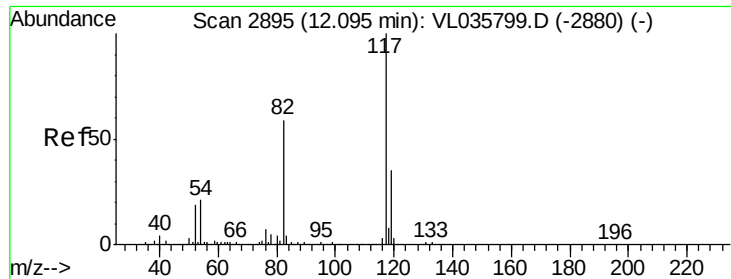
Tot Ion: 84	Resp: 19431
Ion Ratio	Lower Upper
84 100	
49 88.3	73.8 110.8
51 31.1	23.0 34.4
86 58.5	52.1 78.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion	Ion:114	Resp: 4277187	
	Ratio	Lower	Upper
114	100		
63	20.5	16.1	24.1
88	17.5	13.7	20.5

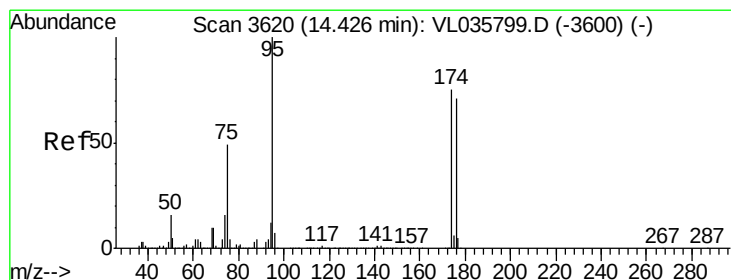
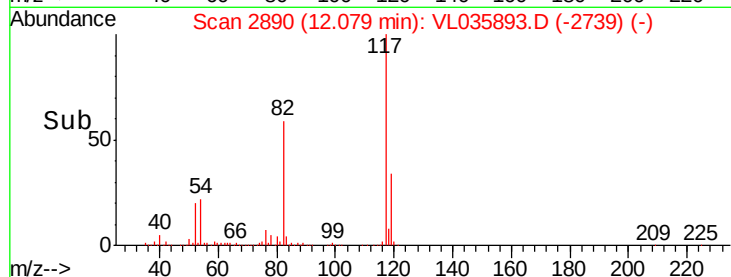
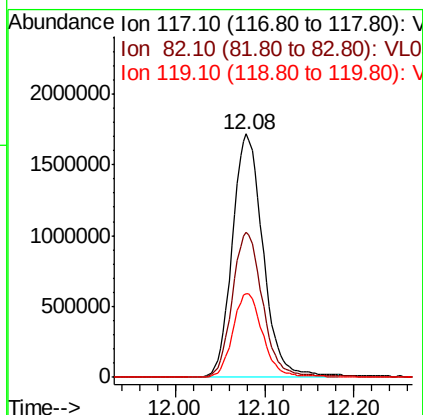
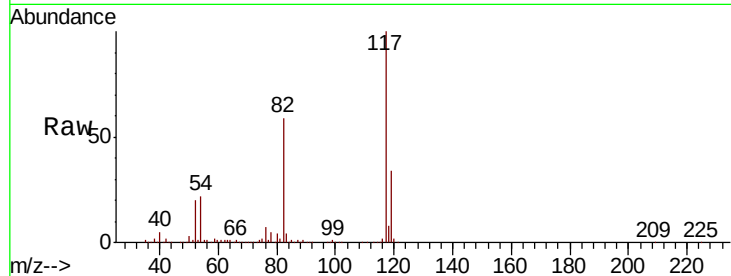




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Instrument :
MSVOA_L
ClientSampleId :
VL1110ABL01

Tot Ion:117 Resp: 4103348
Ion Ratio Lower Upper
117 100
82 60.0 50.6 76.0
119 34.3 52.6 78.8#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.170 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035893.D
Acq: 10 Nov 2020 17:12

Tgt Ion: 95 Resp: 2964846
Ion Ratio Lower Upper
95 100
174 76.3 59.8 89.6
175 5.3 4.3 6.5

