

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091020\
 Data File : VL035591.D
 Acq On : 10 Sep 2020 20:01
 Operator : SY/AP
 Sample : CAN 10334
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10334

Quant Time: Sep 11 08:41:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 06:46:28 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1017155	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.17	114	4086418	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.09	117	4111265	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3111557	10.66	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.60%

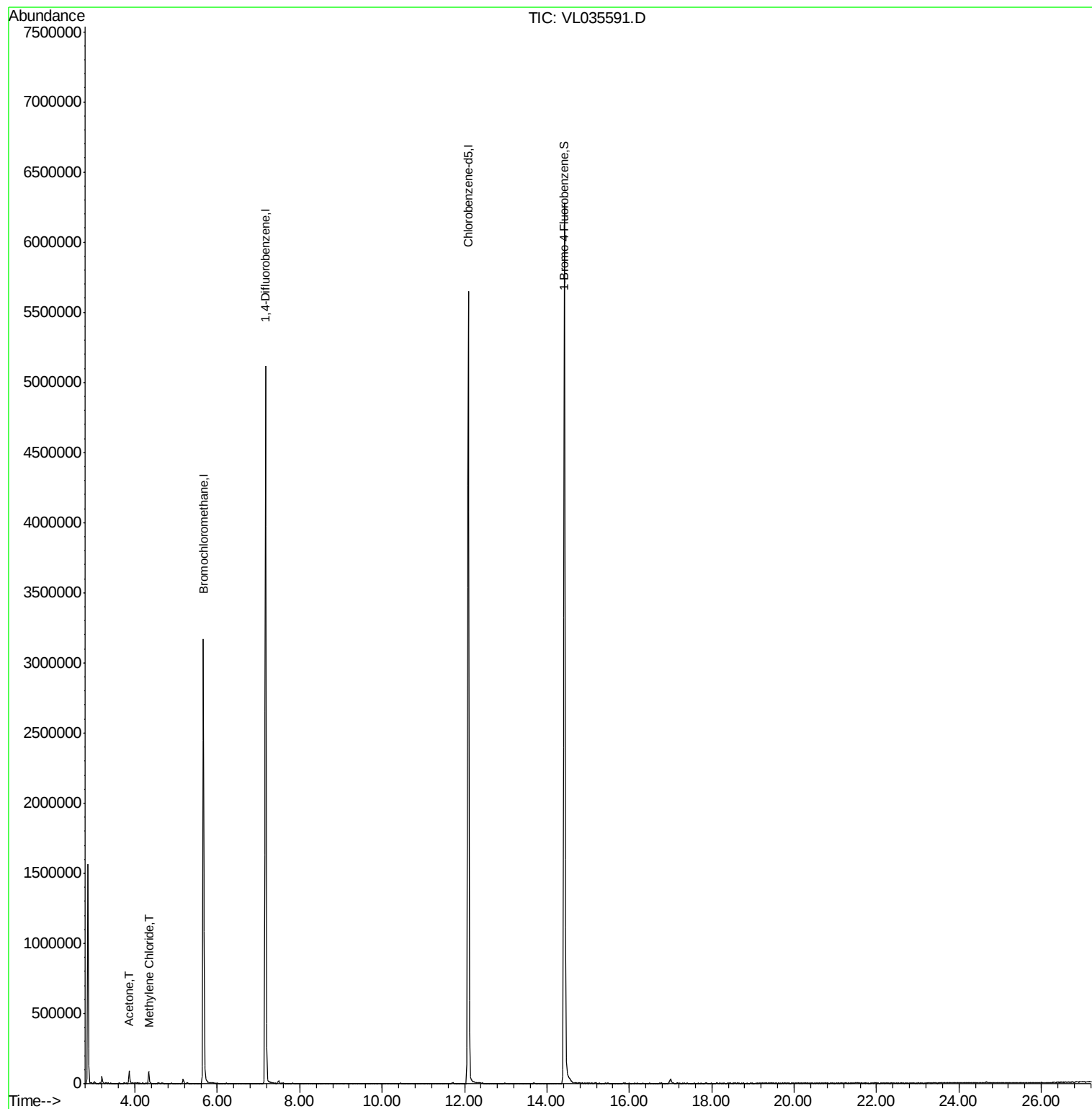
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	81768	0.729	ppbv	# 82
20) Methylene Chloride	4.33	84	38912	0.466	ppbv	97

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

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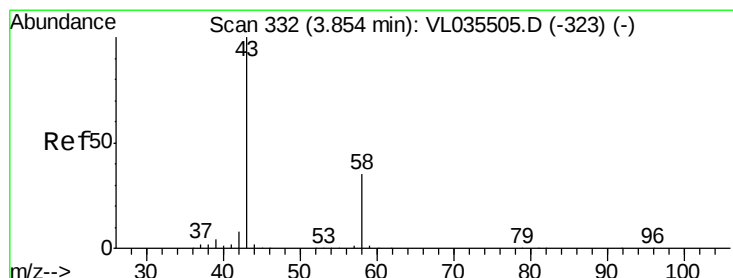
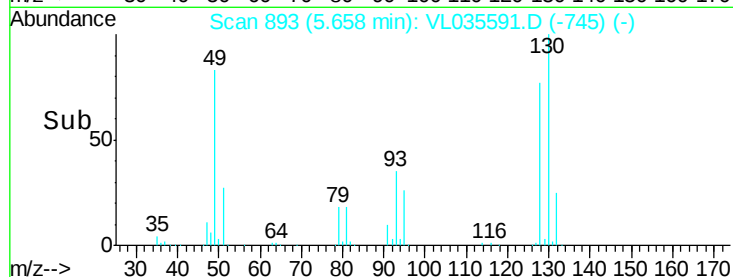
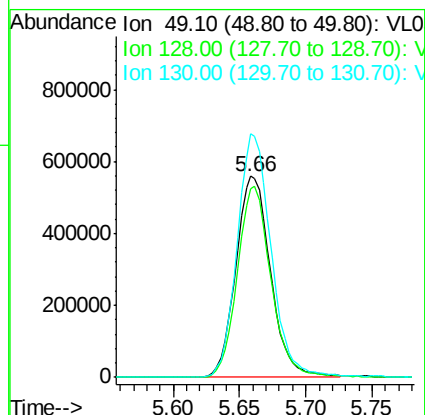
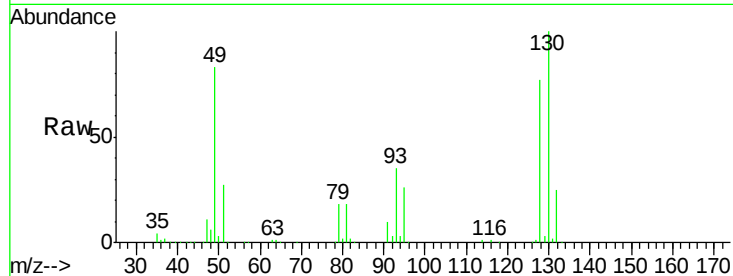




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66 min Scan# 893
 Delta R.T. -0.03 min
 Lab File: VL035591.D
 Acq: 10 Sep 2020 20:01

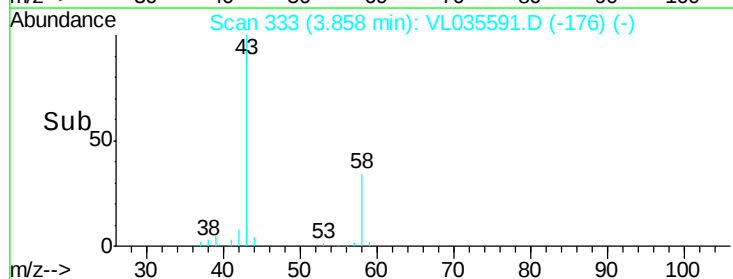
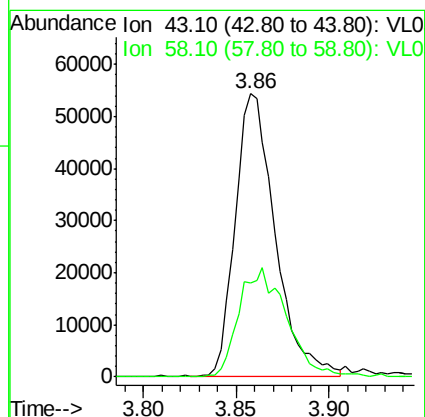
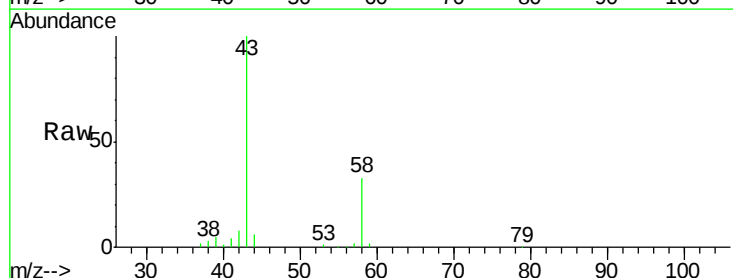
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10334

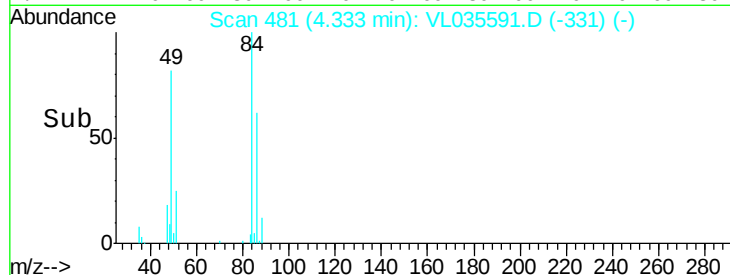
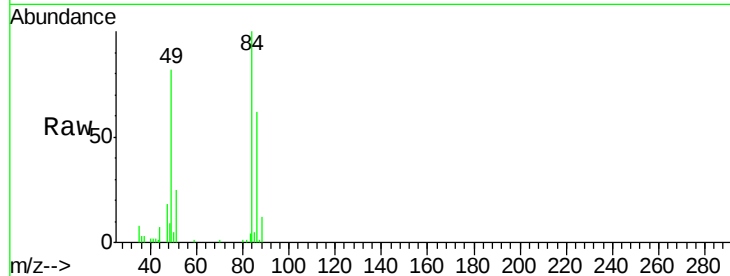
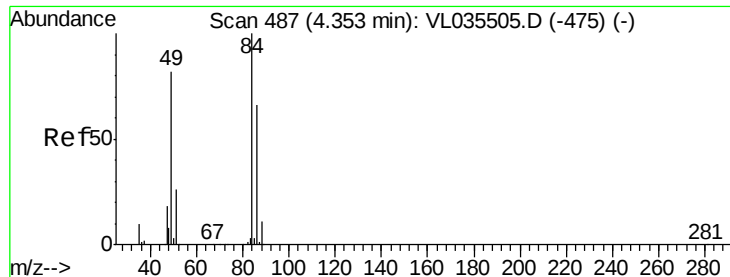
Tot Ion: 49 Resp: 1017155
 Ion Ratio Lower Upper
 49 100
 128 93.0 50.0 150.1
 130 119.2 64.4 193.2



#15
 Acetone
 Concen: 0.729 ppbv
 RT: 3.86 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VL035591.D
 Acq: 10 Sep 2020 20:01

Tgt Ion: 43 Resp: 81768
 Ion Ratio Lower Upper
 43 100
 58 46.0 28.4 42.6#

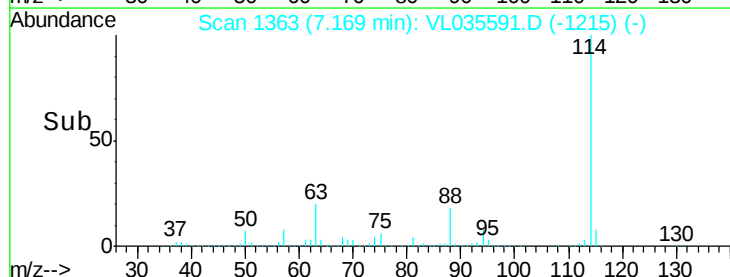
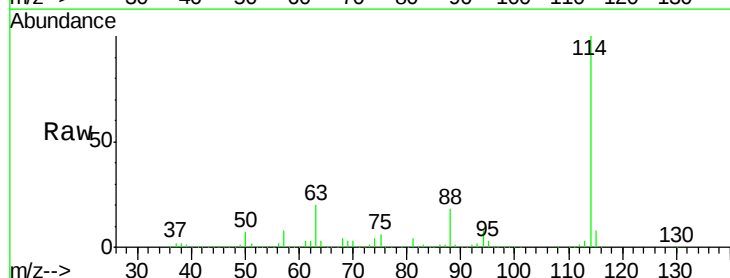
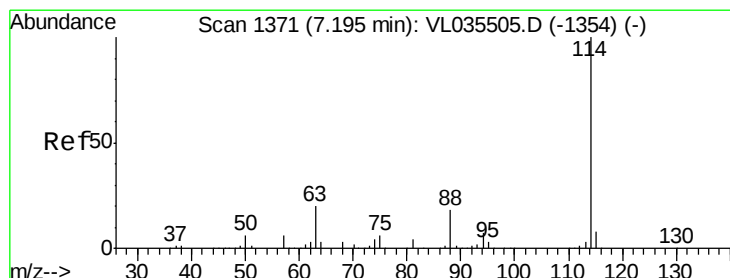
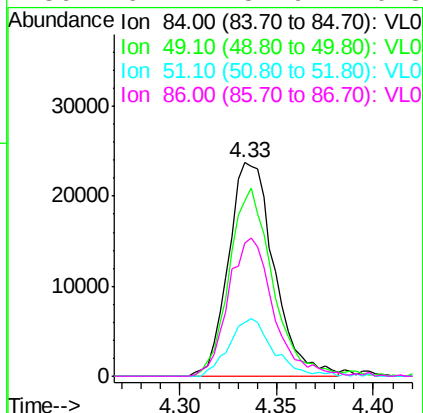




#20
Methvlene Chloride
Concen: 0.466 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

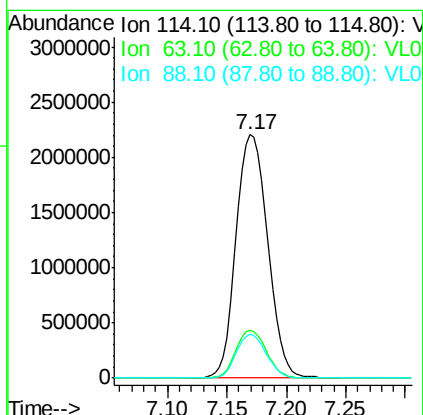
Instrument :
MSVOA_L
ClientSampleId :
CAN 10334

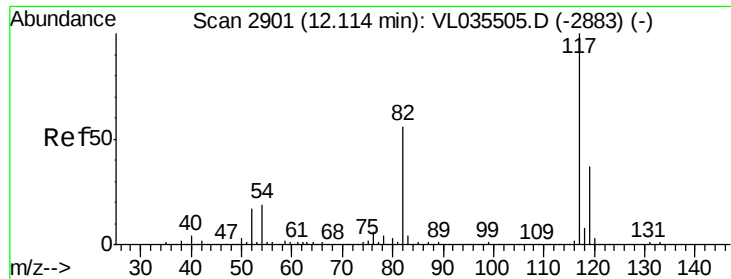
Tot Ion: 84	Resp: 38912
Ion Ratio	Lower Upper
84 100	
49 82.3	65.4 98.0
51 25.0	21.5 32.3
86 62.2	52.9 79.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Tgt Ion	Ion:114	Resp: 4086418	
	Ratio	Lower	Upper
114	100		
63	19.0	14.7	22.1
88	17.2	13.4	20.2

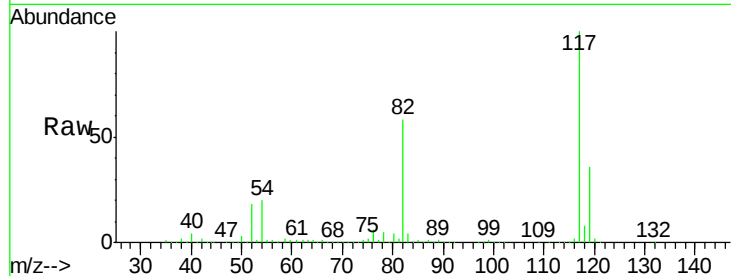




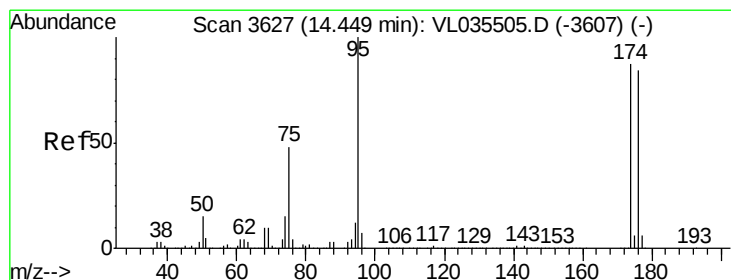
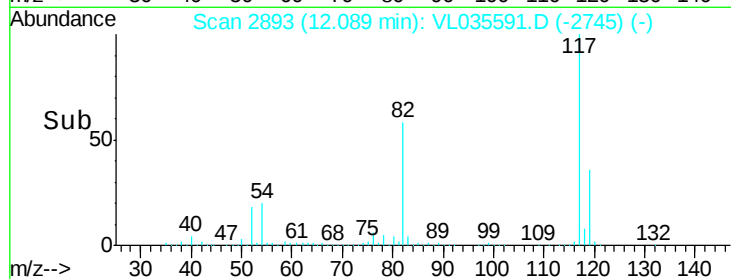
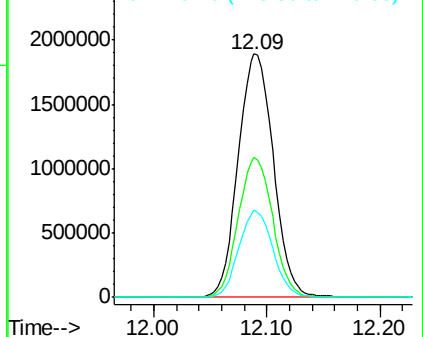
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Instrument :
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Tot Ion:117 Resp: 4111265
Ion Ratio Lower Upper
117 100
82 56.6 41.6 62.4
119 34.6 29.3 43.9

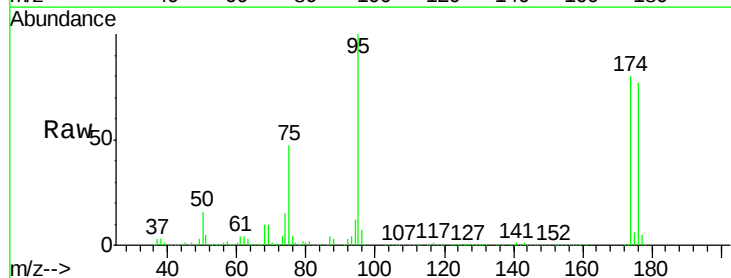


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.657 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.03 min
Lab File: VL035591.D
Acq: 10 Sep 2020 20:01

Tgt Ion: 95 Resp: 3111557
Ion Ratio Lower Upper
95 100
174 81.3 69.6 104.4
175 5.9 5.1 7.7



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

