

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101920\
 Data File : VL035791.D
 Acq On : 19 Oct 2020 11:59
 Operator : SY/AP
 Sample : VL1019ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1019ABL01

Quant Time: Oct 20 08:15:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

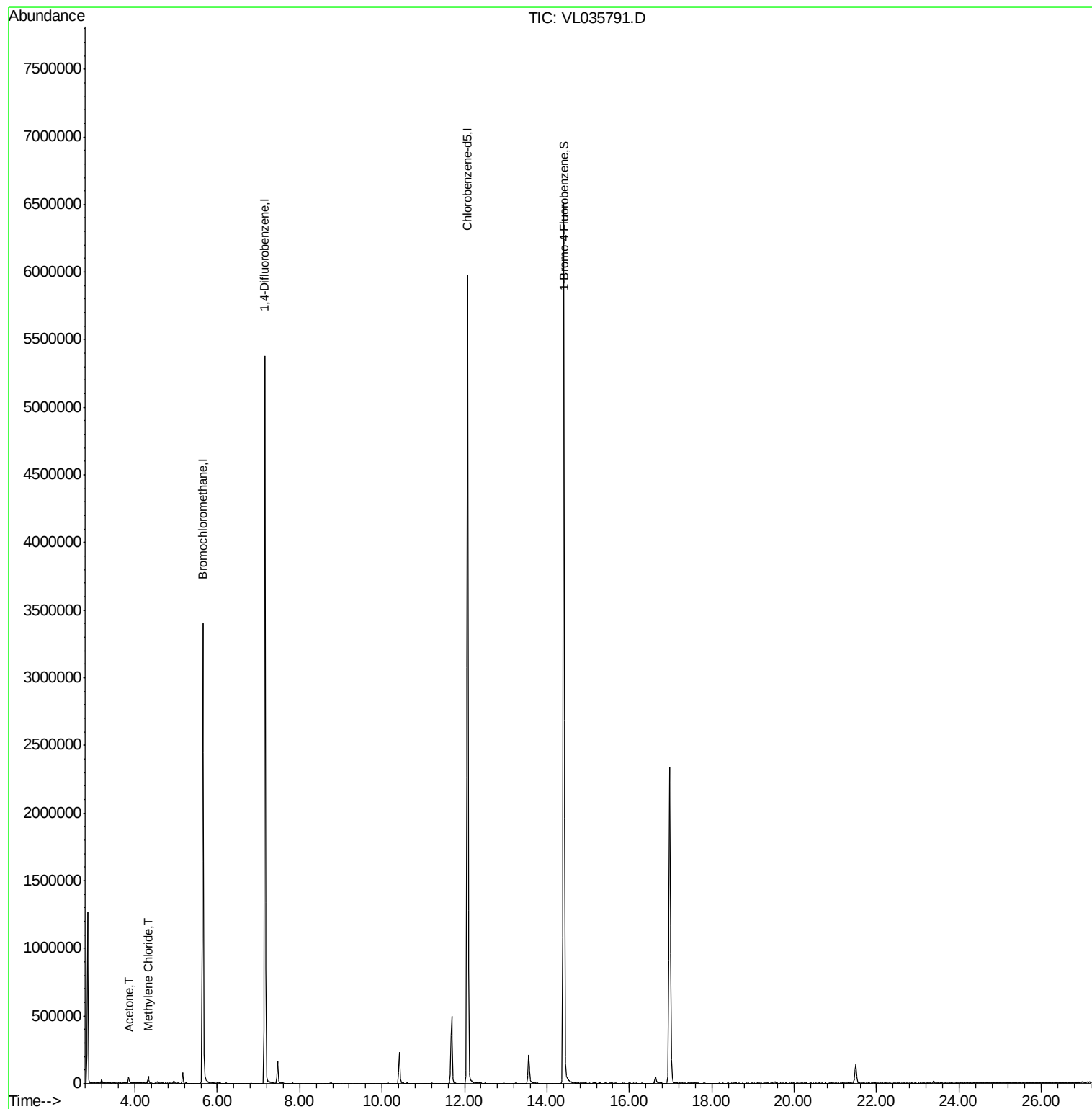
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1161469	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.16	114	4191783	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.07	117	4224304	10.00	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	3170555	10.02	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%
Target Compounds						
						Ovalue
15) Acetone	3.85	43	35504	0.284	ppbv	# 29
20) Methylene Chloride	4.32	84	21952	0.239	ppbv	93

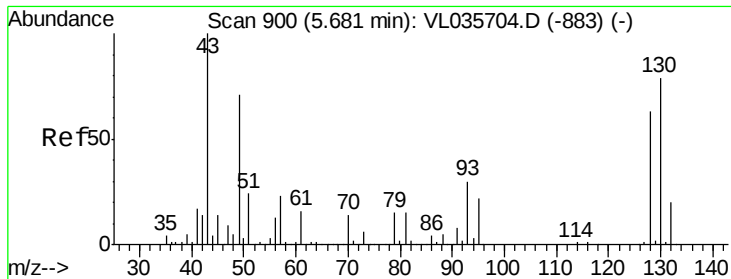
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

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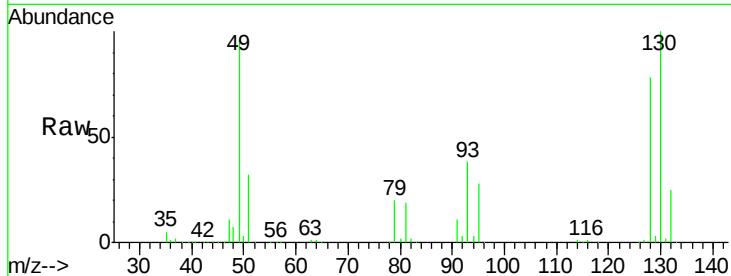
Tot Ion: 49 Resp: 1161469

Ion Ratio Lower Upper

49 100

128 82.4 43.1 129.4

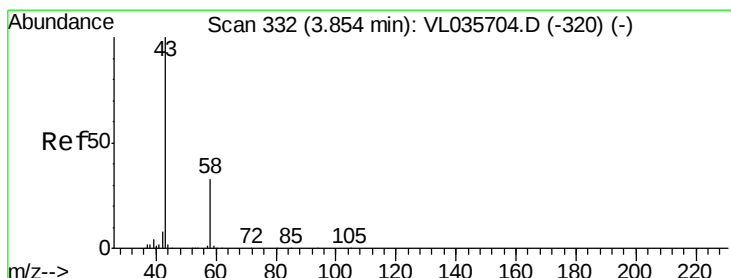
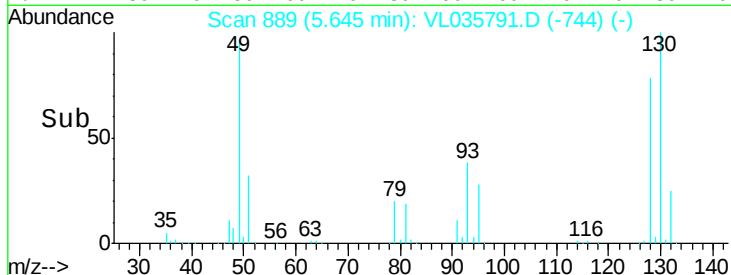
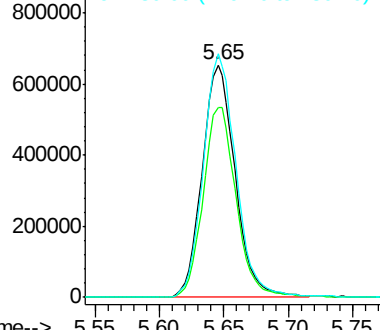
130 104.8 54.9 164.7



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: 0.284 ppbv

RT: 3.85 min Scan# 330

Delta R.T. -0.01 min

Lab File: VL035791.D

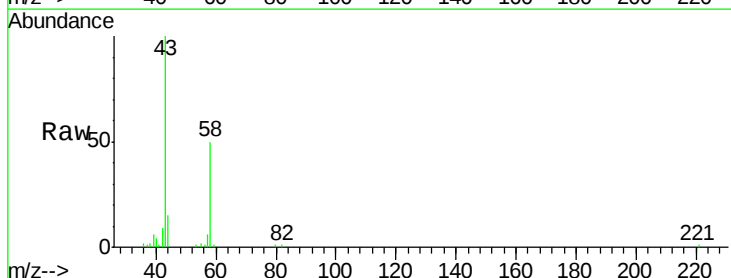
Acq: 19 Oct 2020 11:59

Tgt Ion: 43 Resp: 35504

Ion Ratio Lower Upper

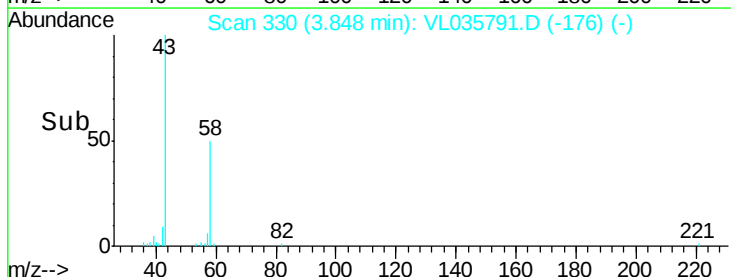
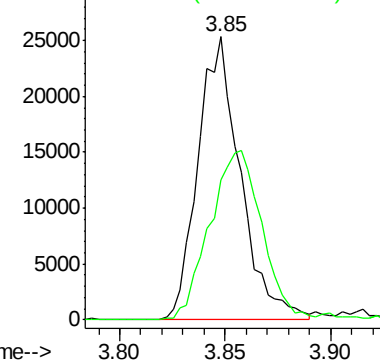
43 100

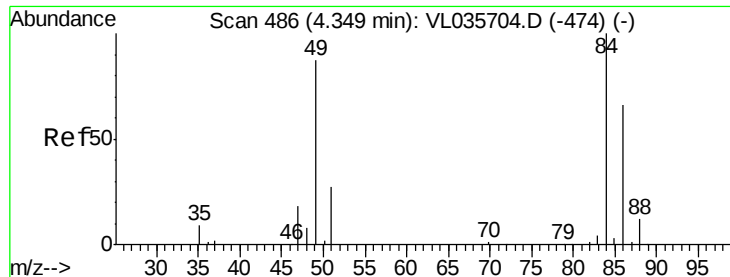
58 74.8 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

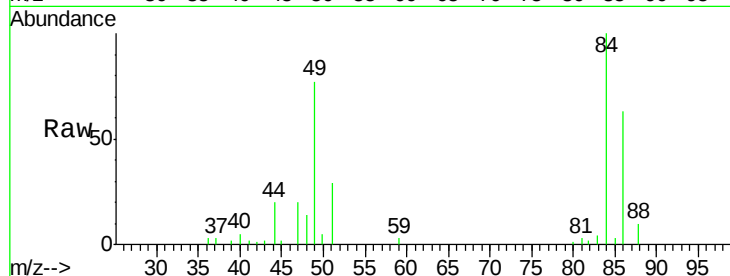




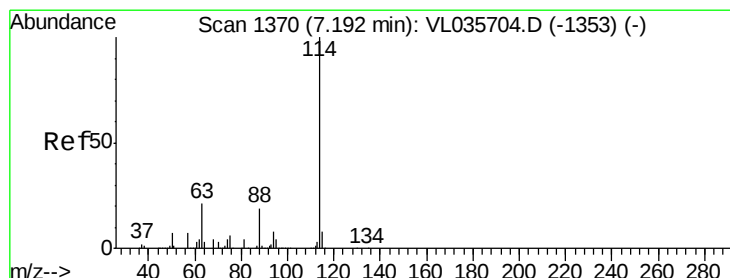
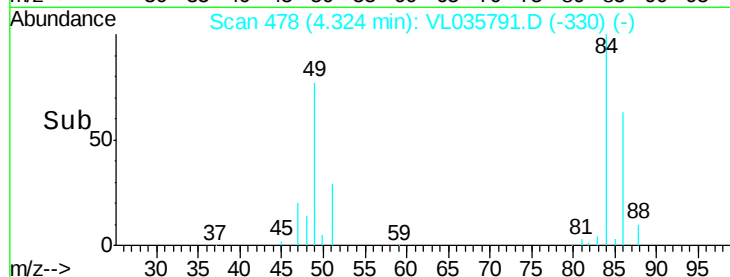
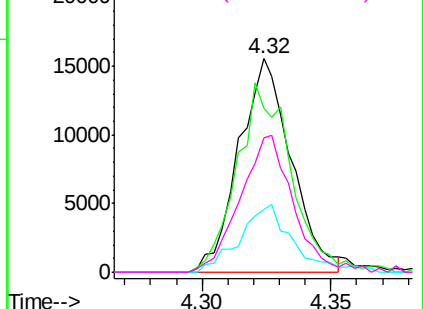
#20
Methvlene Chloride
Concen: 0.239 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.03 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Instrument :
MSVOA_L
ClientSampleId :
VL1019ABL01

Tot Ion: 84	Resp: 21952
Ion Ratio	Lower Upper
84 100	
49 76.9	69.8 104.6
51 29.4	21.8 32.8
86 62.7	52.6 78.8

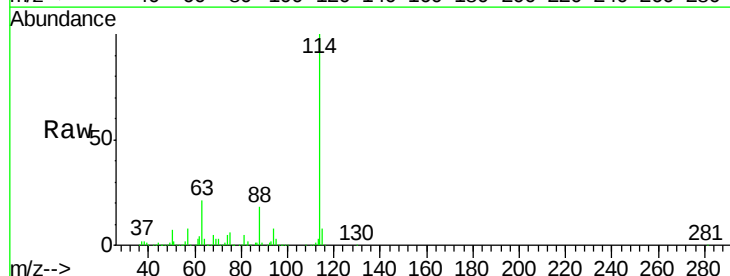


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

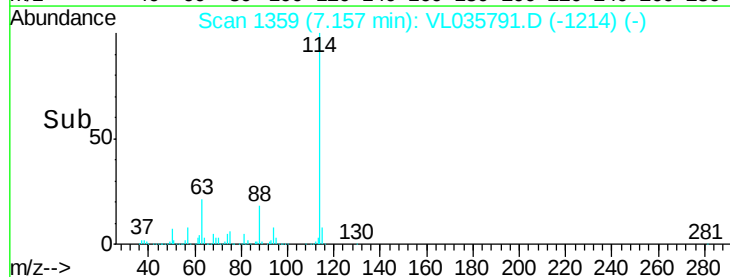
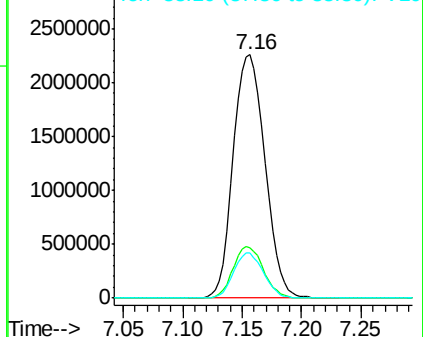


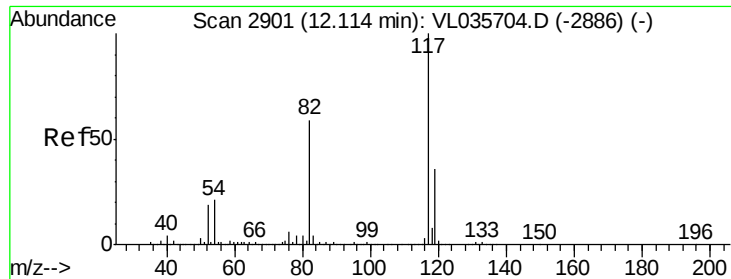
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion	114	Resp: 4191783	
Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.1	24.1
88	17.5	14.1	21.1



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

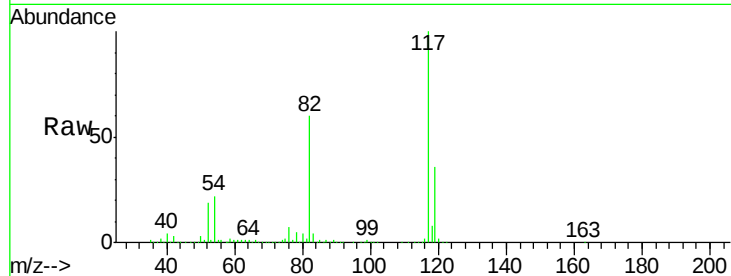




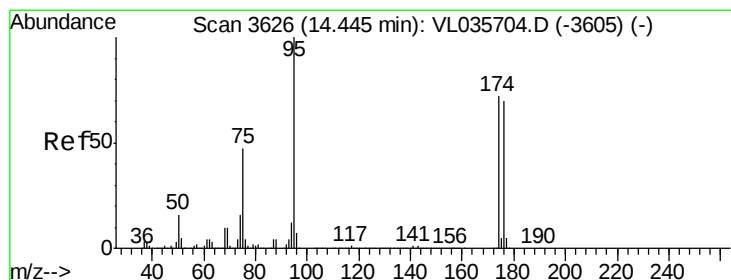
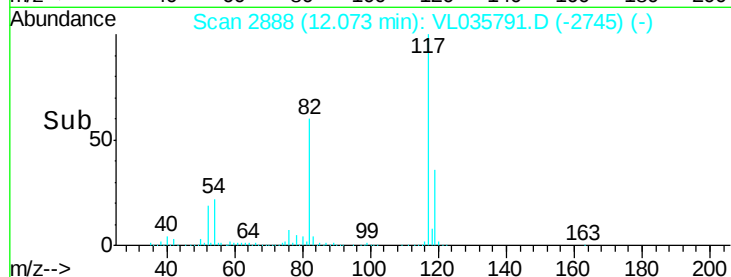
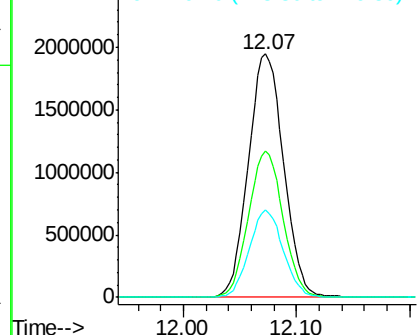
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

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Tot Ion:117 Resp: 4224304
Ion Ratio Lower Upper
117 100
82 59.1 46.1 69.1
119 34.6 28.0 42.0

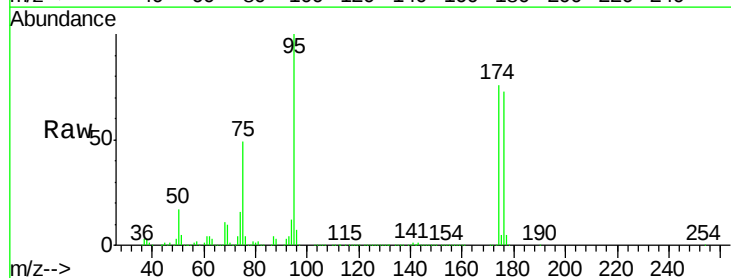


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.016 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. -0.04 min
Lab File: VL035791.D
Acq: 19 Oct 2020 11:59

Tgt Ion: 95 Resp: 3170555
Ion Ratio Lower Upper
95 100
174 76.1 59.6 89.4
175 5.5 4.2 6.4



Abundance Ion 95.10 (94.80 to 95.80): VL0
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

