

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101620\
 Data File : VL035787.D
 Acq On : 16 Oct 2020 15:53
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 17 03:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.66	49	1128116	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	4083582	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.09	117	4019834	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3018131	10.02	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

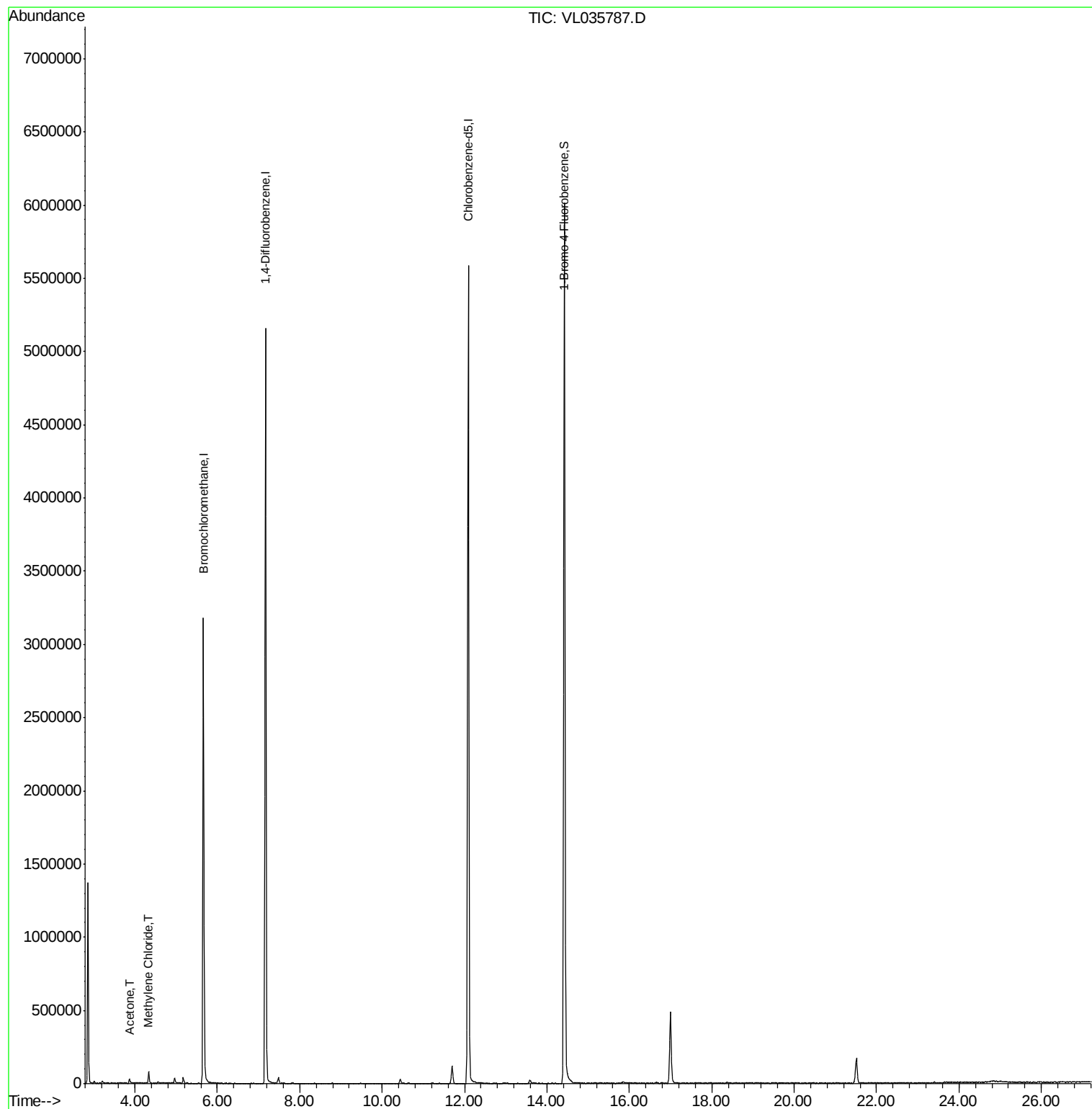
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.86	43	22486	0.185	ppbv	# 41
20) Methylene Chloride	4.33	84	34117	0.383	ppbv	94

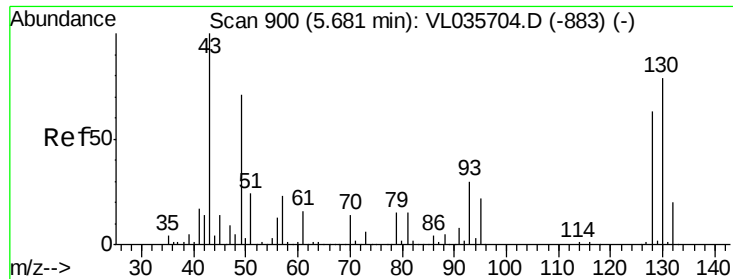
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.02 min

Lab File: VL035787.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

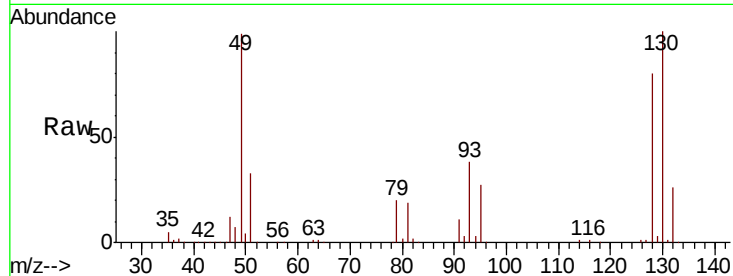
Tot Ion: 49 Resp: 1128116

Ion Ratio Lower Upper

49 100

128 81.4 43.1 129.4

130 104.0 54.9 164.7



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

5.66

800000

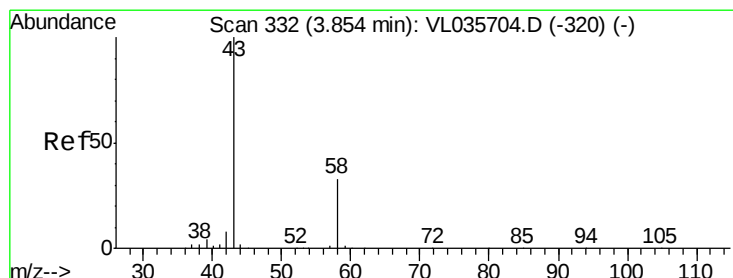
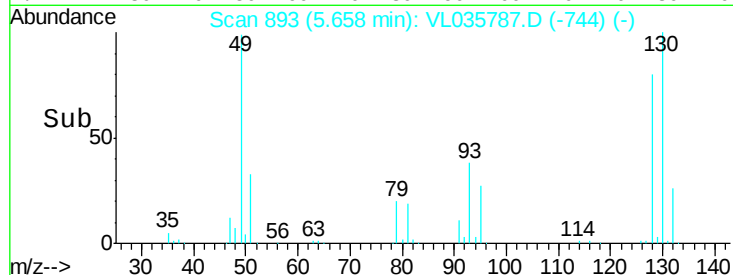
600000

400000

200000

0

Time-->



#15

Acetone

Concen: 0.185 ppbv

RT: 3.86 min Scan# 334

Delta R.T. 0.01 min

Lab File: VL035787.D

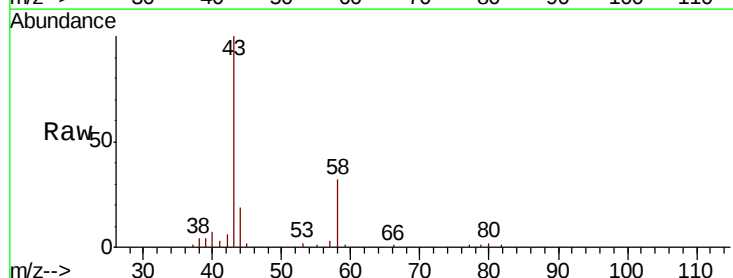
Acq: 16 Oct 2020 15:53

Tgt Ion: 43 Resp: 22486

Ion Ratio Lower Upper

43 100

58 67.9 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

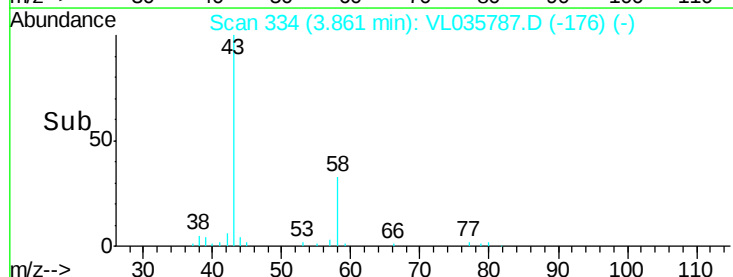
15000

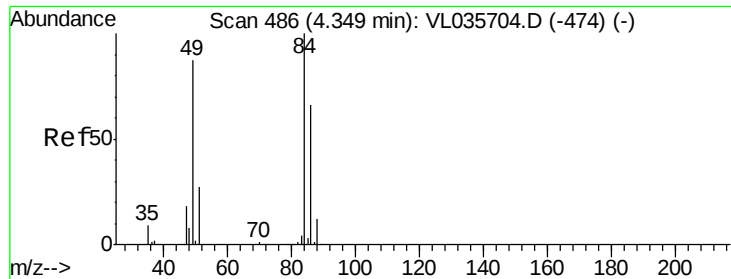
10000

5000

0

Time-->

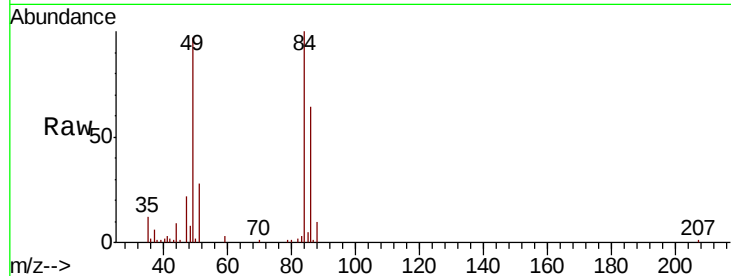




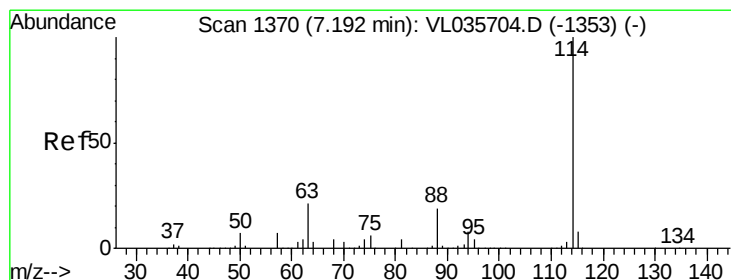
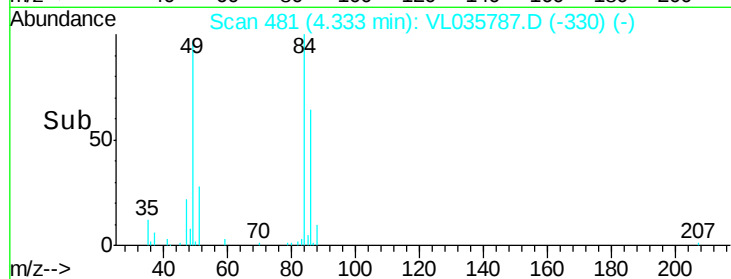
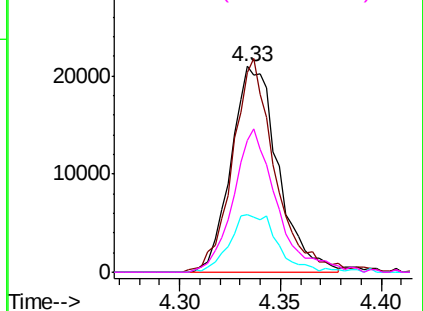
#20
Methvlene Chloride
Concen: 0.383 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:	84	Resp:	34117
Ion	Ratio	Lower	Upper
84	100		
49	96.1	69.8	104.6
51	28.3	21.8	32.8
86	64.0	52.6	78.8

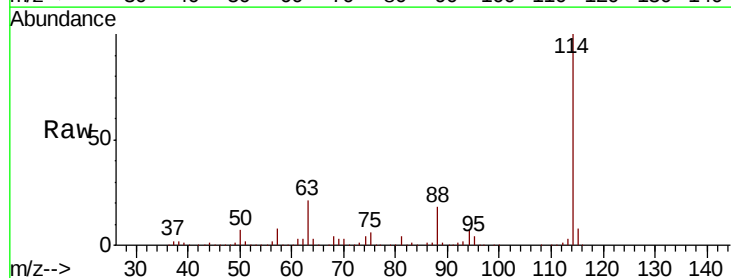


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

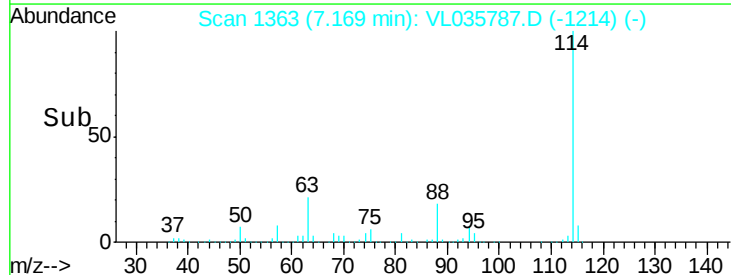
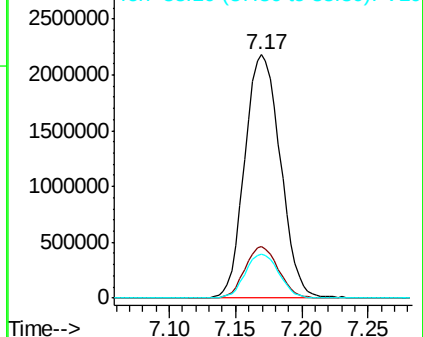


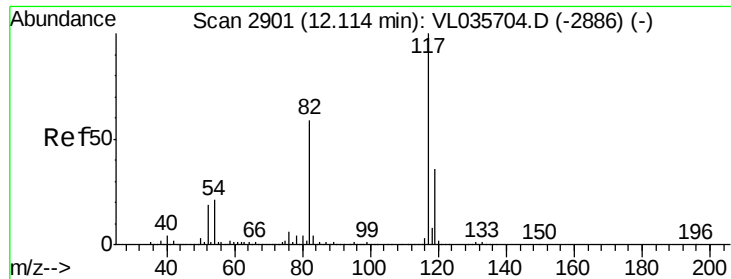
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1363
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion:	114	Resp:	4083582
Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	17.4	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

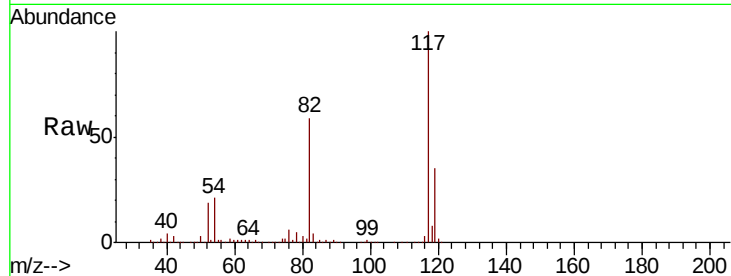




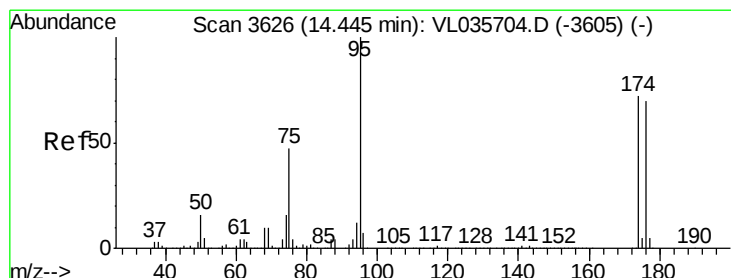
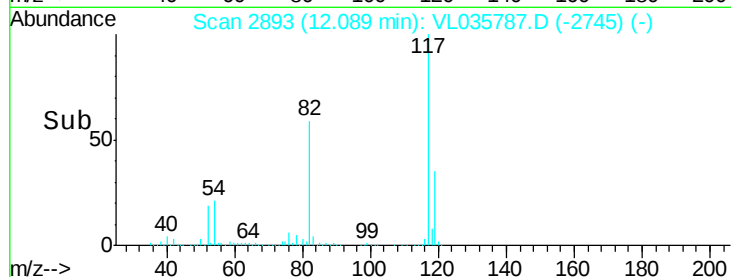
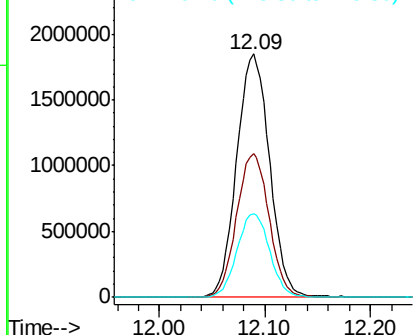
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. -0.03 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Instrument :
MSVOA_L
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Tot Ion:117 Resp: 4019834
Ion Ratio Lower Upper
117 100
82 58.7 46.1 69.1
119 34.2 28.0 42.0

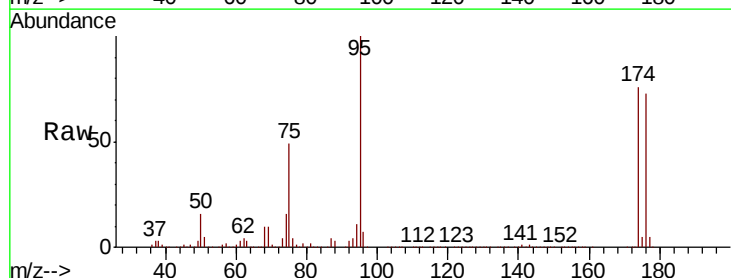


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.020 ppbv
RT: 14.42 min Scan# 3619
Delta R.T. -0.02 min
Lab File: VL035787.D
Acq: 16 Oct 2020 15:53

Tgt Ion: 95 Resp: 3018131
Ion Ratio Lower Upper
95 100
174 76.7 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

