

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035733.D
 Acq On : 29 Sep 2020 20:47
 Operator : SY/AP
 Sample : CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10280

Quant Time: Sep 30 04:06:35 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	5.68	49	1074412	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	3987219	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	3939281	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2996440	10.15	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.50%

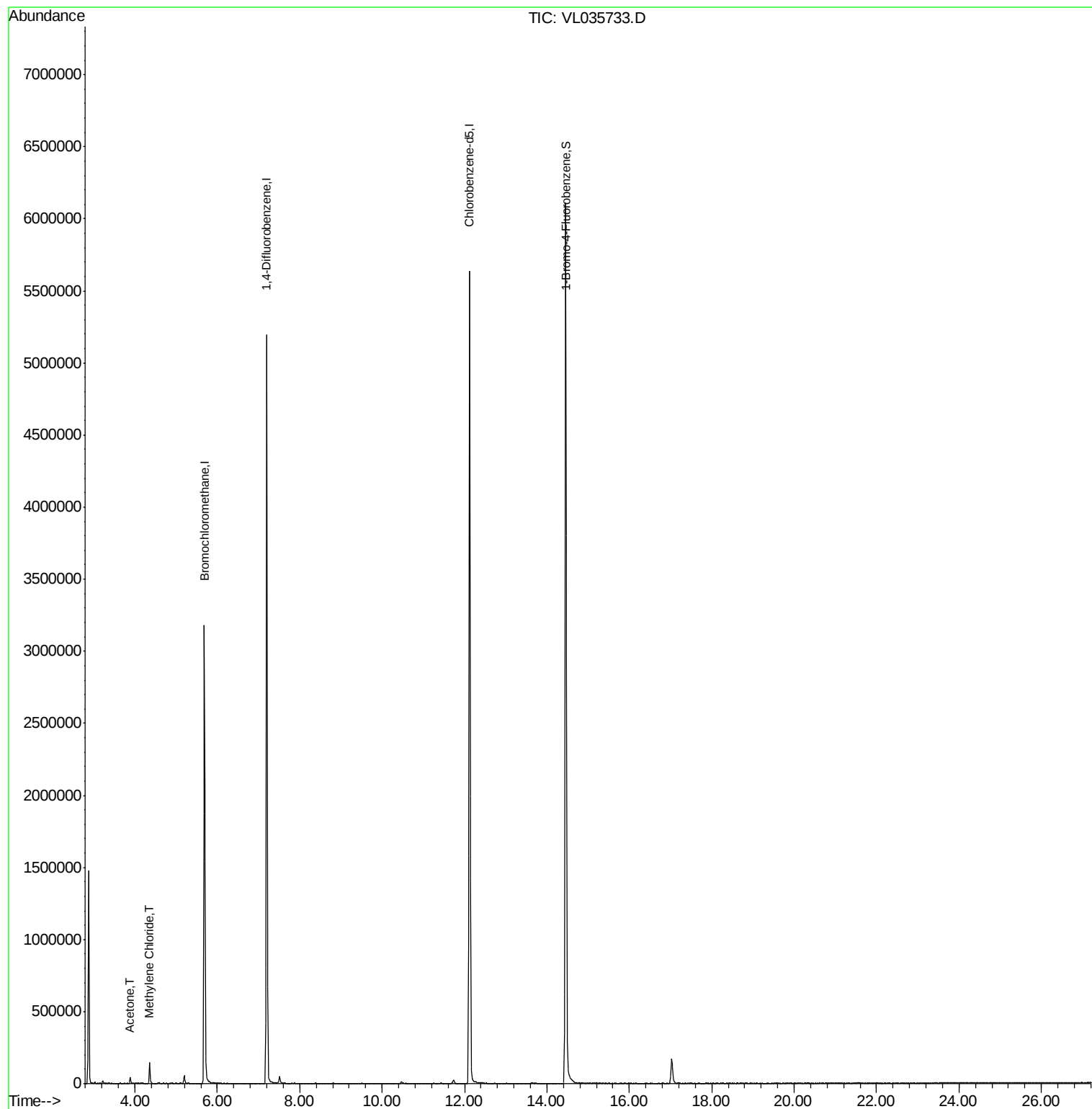
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	29419	0.254	ppbv	# 25
20) Methylene Chloride	4.36	84	58990	0.695	ppbv	94

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

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

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MSVOA_L

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CAN 10280

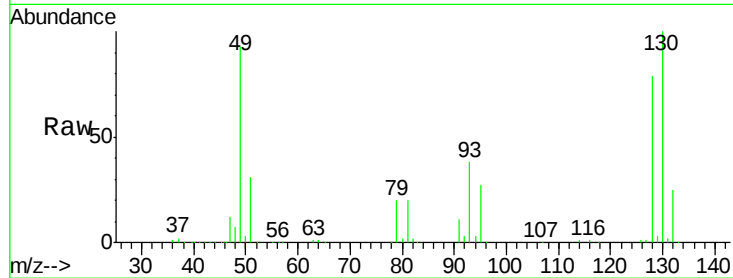
Tot Ion: 49 Resp: 1074412

Ion Ratio Lower Upper

49 100

128 86.1 43.1 129.4

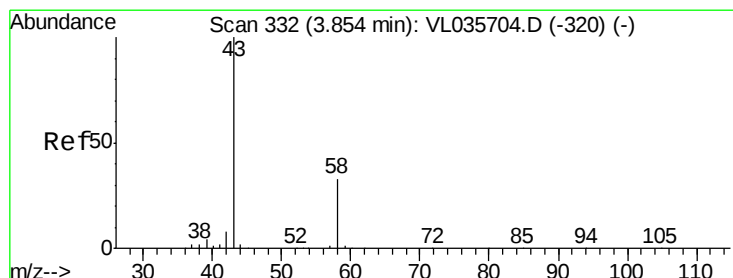
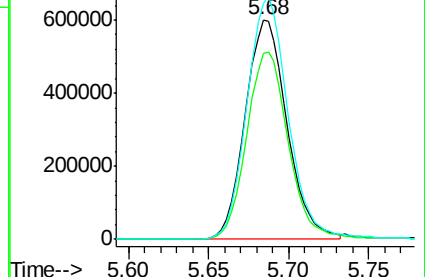
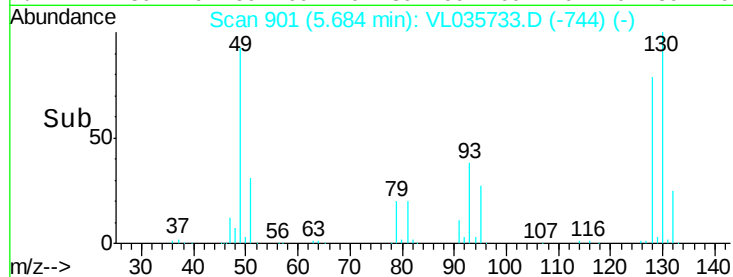
130 110.0 54.9 164.7



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



#15

Acetone

Concen: 0.254 ppbv

RT: 3.88 min Scan# 341

Delta R.T. 0.03 min

Lab File: VL035733.D

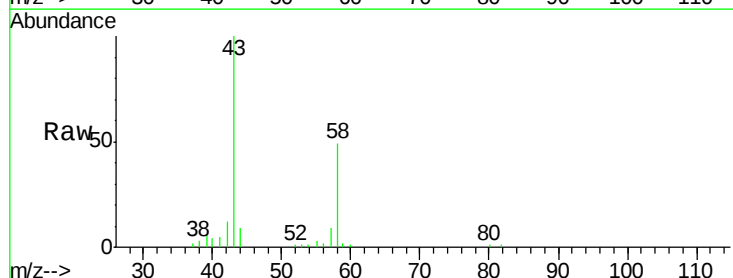
Acq: 29 Sep 2020 20:47

Tgt Ion: 43 Resp: 29419

Ion Ratio Lower Upper

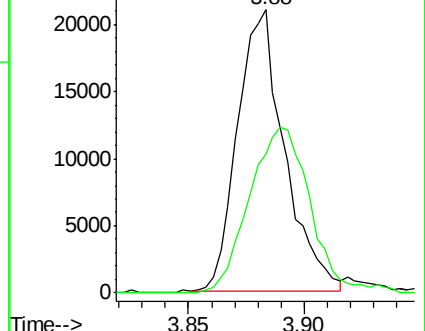
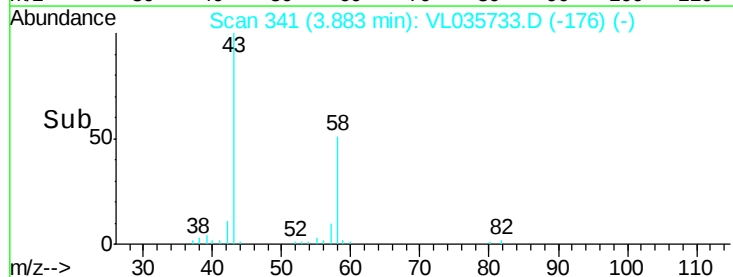
43 100

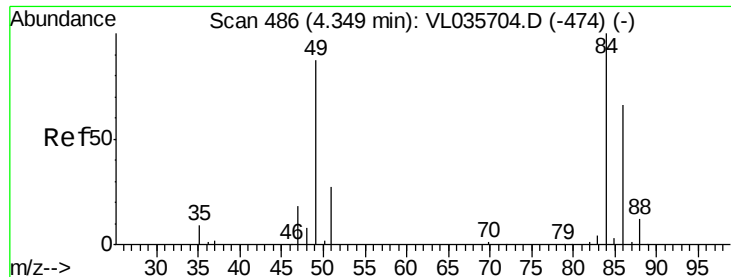
58 77.1 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

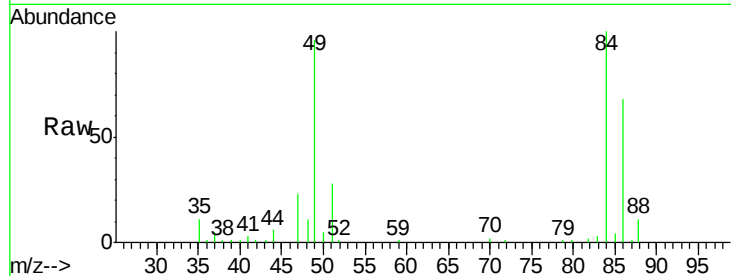




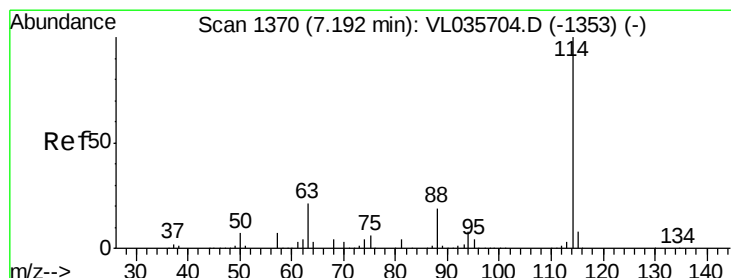
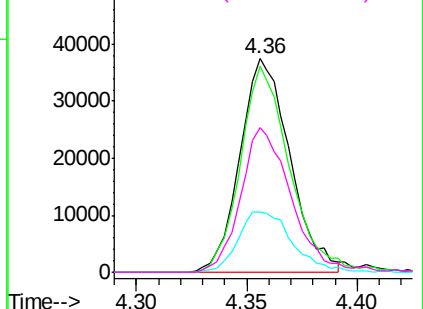
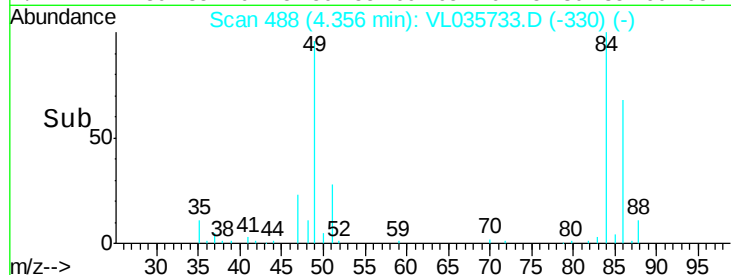
#20
Methylene Chloride
Concen: 0.695 ppbv
RT: 4.36 min Scan# 488
Delta R.T. 0.01 min
Lab File: VL035733.D
Acq: 29 Sep 2020 20:47

Instrument :
MSVOA_L
ClientSampleId :
CAN 10280

Tot Ion:	84	Resp:	58990
Ion	Ratio	Lower	Upper
84	100		
49	96.4	69.8	104.6
51	28.4	21.8	32.8
86	68.0	52.6	78.8

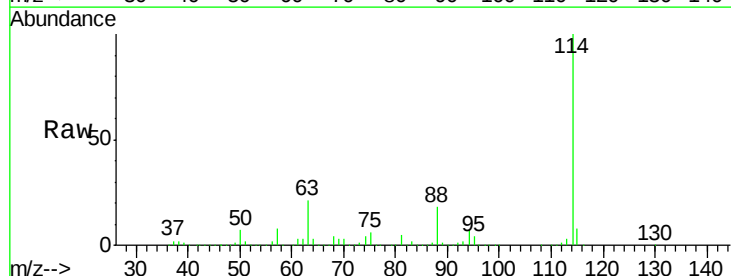


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

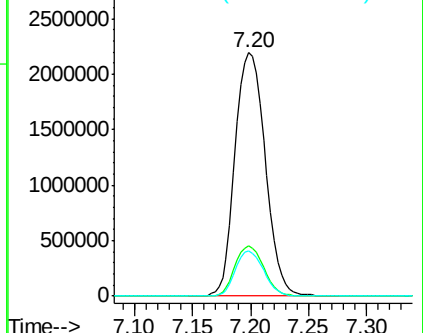
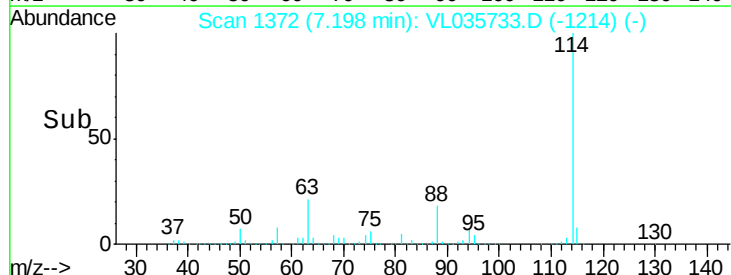


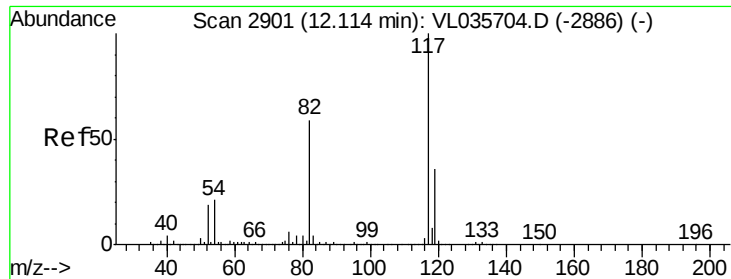
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.01 min
Lab File: VL035733.D
Acq: 29 Sep 2020 20:47

Tgt Ion:	114	Resp:	3987219
Ion	Ratio	Lower	Upper
114	100		
63	19.8	16.1	24.1
88	17.3	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

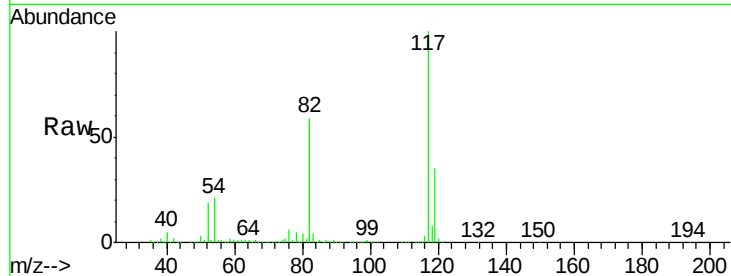




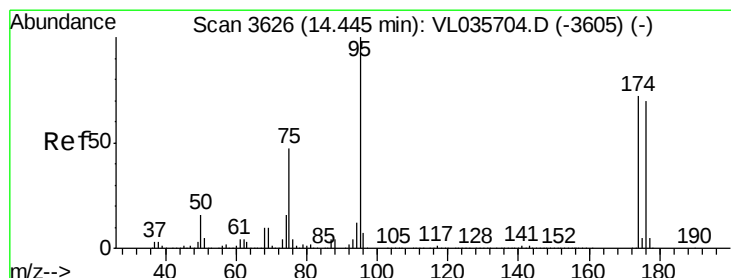
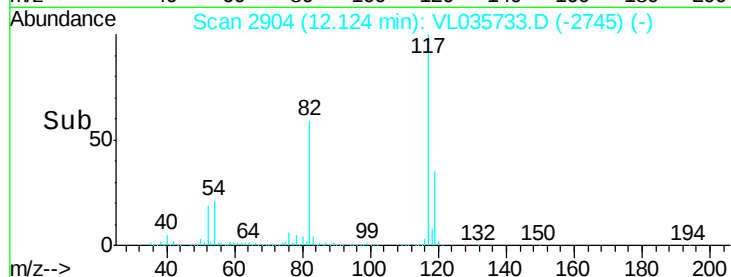
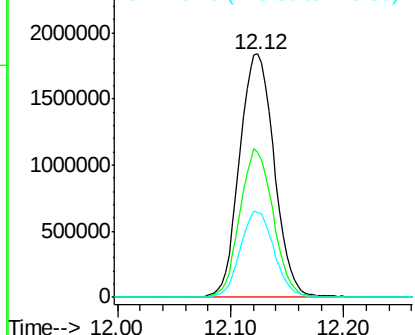
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.12 min Scan# 2904
Delta R.T. 0.01 min
Lab File: VL035733.D
Acq: 29 Sep 2020 20:47

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Tot Ion:117 Resp: 3939281
Ion Ratio Lower Upper
117 100
82 58.9 46.1 69.1
119 34.4 28.0 42.0

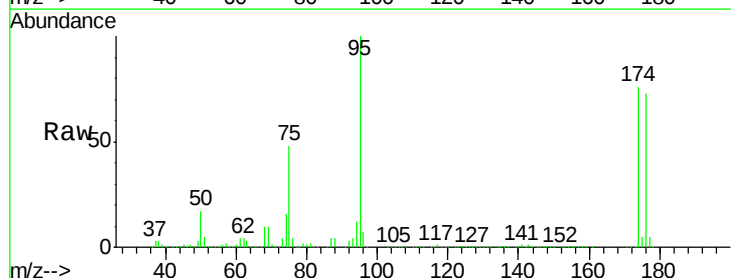


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 14.46 min Scan# 3629
Delta R.T. 0.01 min
Lab File: VL035733.D
Acq: 29 Sep 2020 20:47

Tgt Ion: 95 Resp: 2996440
Ion Ratio Lower Upper
95 100
174 77.4 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

