

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL073120\
 Data File : VL035309.D
 Acq On : 31 Jul 2020 19:19
 Operator : SY/AP
 Sample : CAN 10303
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10303

Quant Time: Aug 01 03:54:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 29 07:14:29 2020
 QLast Update : Wed Jul 29 07:14:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1072105	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2691447	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	2433233	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2014733	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

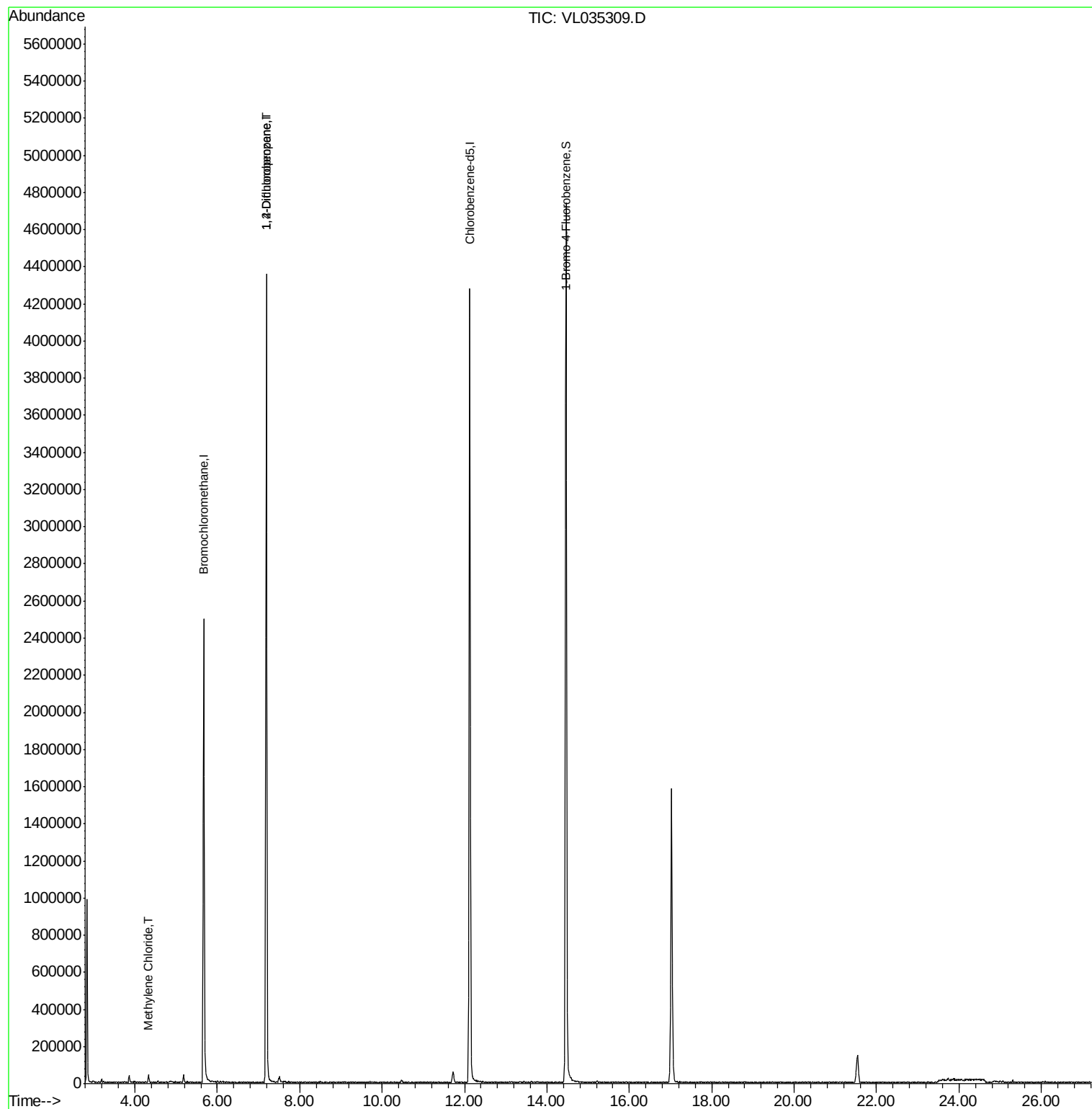
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	6749	0.104	ppbv #	74
39) 1,2-Dichloropropane	7.19	63	735732	9.858	ppbv #	24

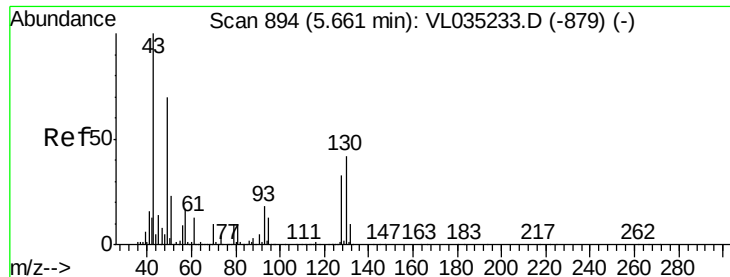
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL072920AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 29 07:14:29 2020
QLast Update : Wed Jul 29 07:14:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.01 min

Lab File: VL035309.D

Acq: 31 Jul 2020 19:19

Instrument :

MSVOA_L

ClientSampleId :

CAN 10303

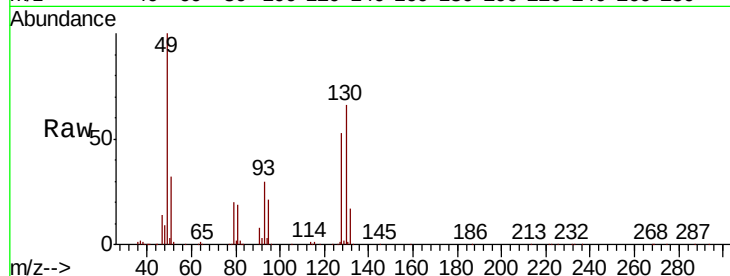
Tot Ion: 49 Resp: 1072105

Ion Ratio Lower Upper

49 100

128 52.1 24.0 72.0

130 66.3 30.7 92.1



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

5.67

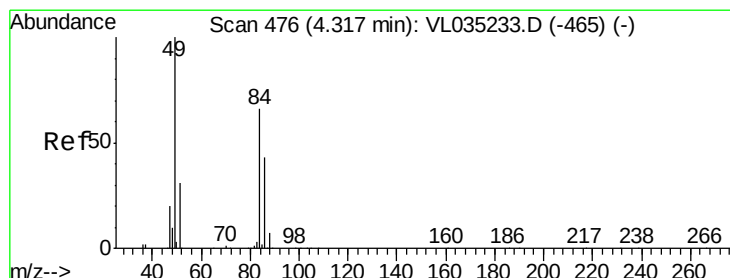
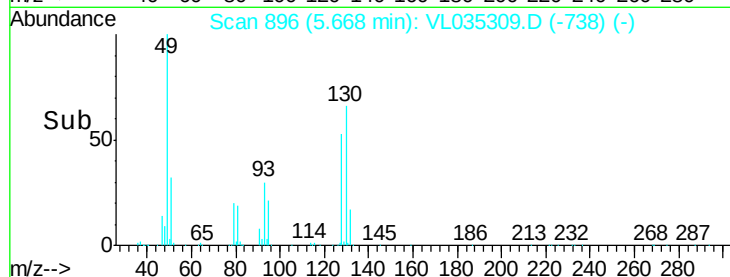
600000

400000

200000

0

Time-->



#20

Methylene Chloride

Concen: 0.104 ppbv

RT: 4.33 min Scan# 479

Delta R.T. 0.01 min

Lab File: VL035309.D

Acq: 31 Jul 2020 19:19

Tgt Ion: 84 Resp: 6749

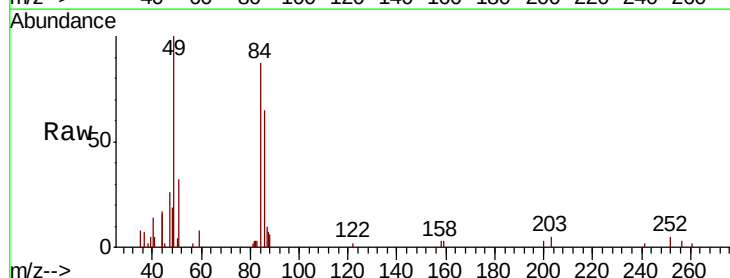
Ion Ratio Lower Upper

84 100

49 102.3 121.0 181.4#

51 38.9 37.7 56.5

86 71.1 52.2 78.4



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

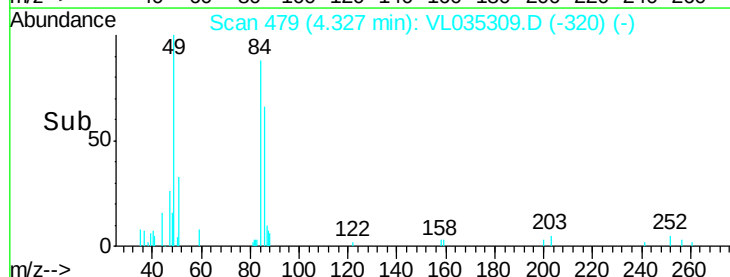
15000

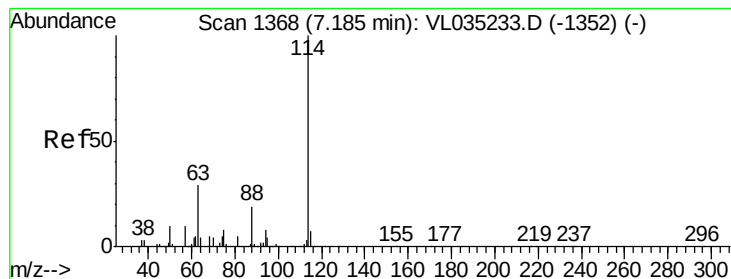
10000

5000

0

Time-->





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. 0.00 min

Lab File: VL035309.D

Acq: 31 Jul 2020 19:19

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ClientSampleId :

CAN 10303

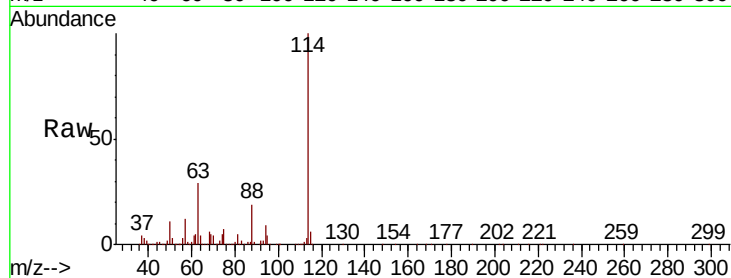
Tot Ion:114 Resp: 2691447

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.2

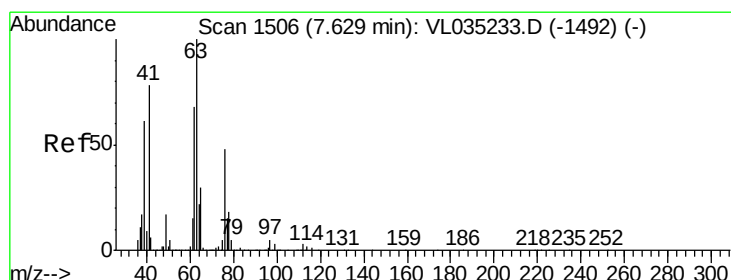
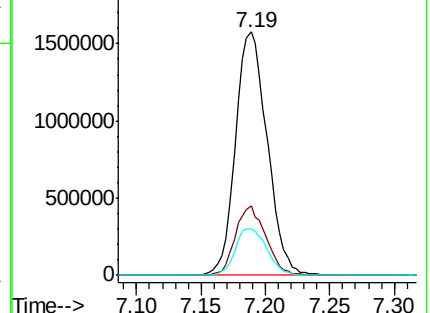
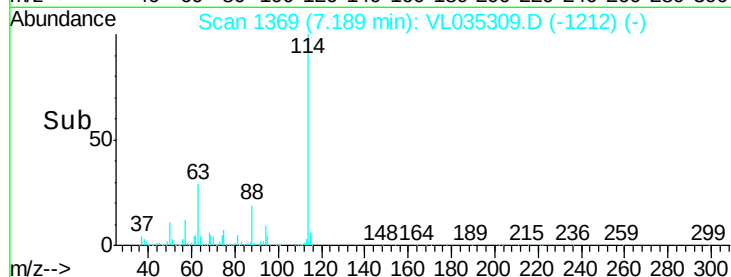
88 19.1 15.4 23.0



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0



#39

1,2-Dichloropropane

Concen: 9.858 ppbv

RT: 7.19 min Scan# 1369

Delta R.T. -0.44 min

Lab File: VL035309.D

Acq: 31 Jul 2020 19:19

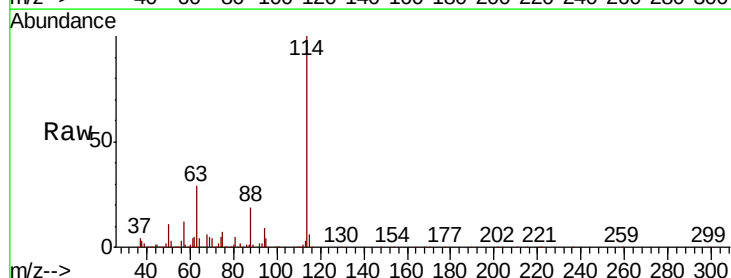
Tgt Ion: 63 Resp: 735732

Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

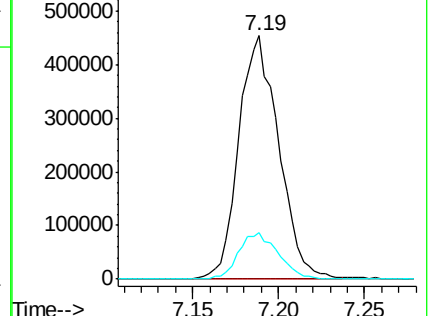
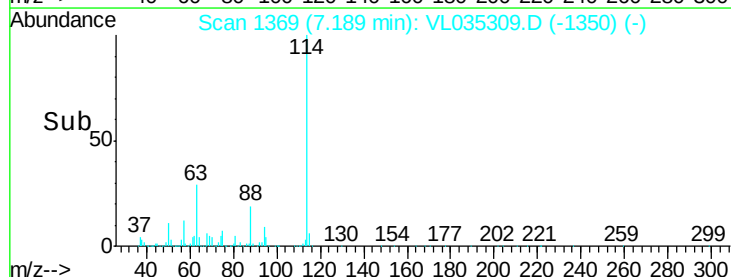
62 18.7 54.2 81.2#

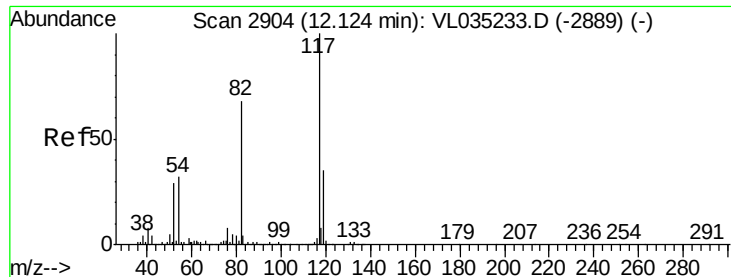


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0

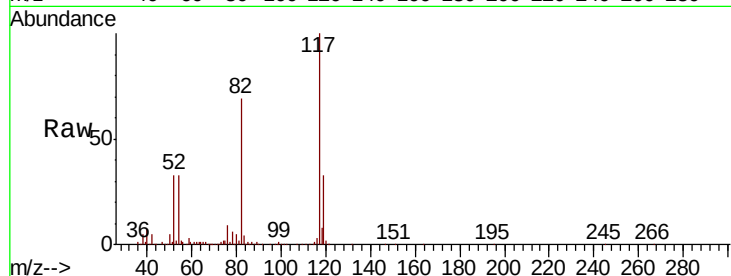




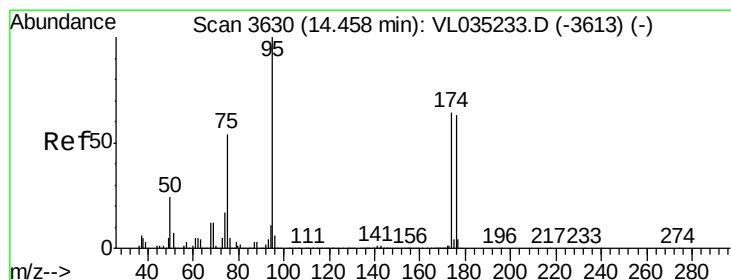
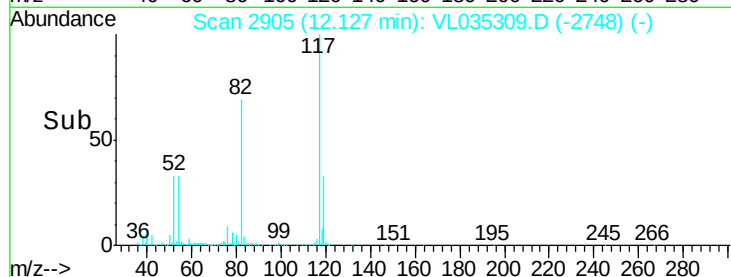
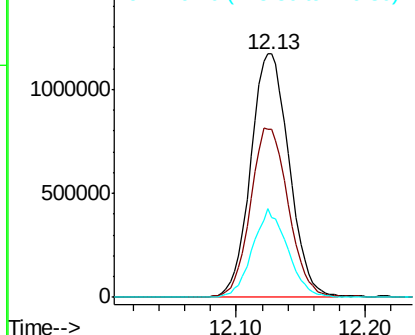
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2905
Delta R.T. 0.00 min
Lab File: VL035309.D
Acq: 31 Jul 2020 19:19

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Tot Ion:117 Resp: 2433233
Ion Ratio Lower Upper
117 100
82 69.3 52.4 78.6
119 33.2 24.6 36.8

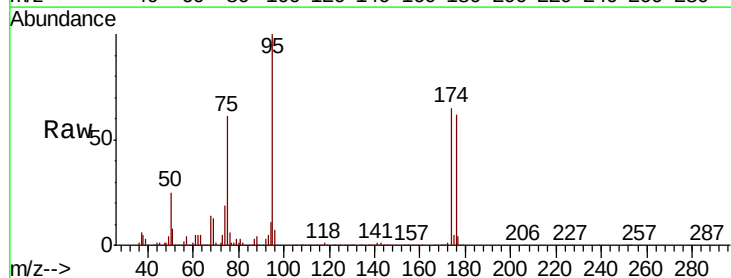


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.362 ppbv
RT: 14.46 min Scan# 3631
Delta R.T. 0.00 min
Lab File: VL035309.D
Acq: 31 Jul 2020 19:19

Tgt Ion: 95 Resp: 2014733
Ion Ratio Lower Upper
95 100
174 66.1 52.7 79.1
175 4.8 3.9 5.9



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

