

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038539.D
 Acq On : 4 Mar 2022 18:20
 Operator : SY/AP
 Sample : CAN 10602
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:59:28 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	966852	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2161928	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1783361	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1375235	9.32	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.20%

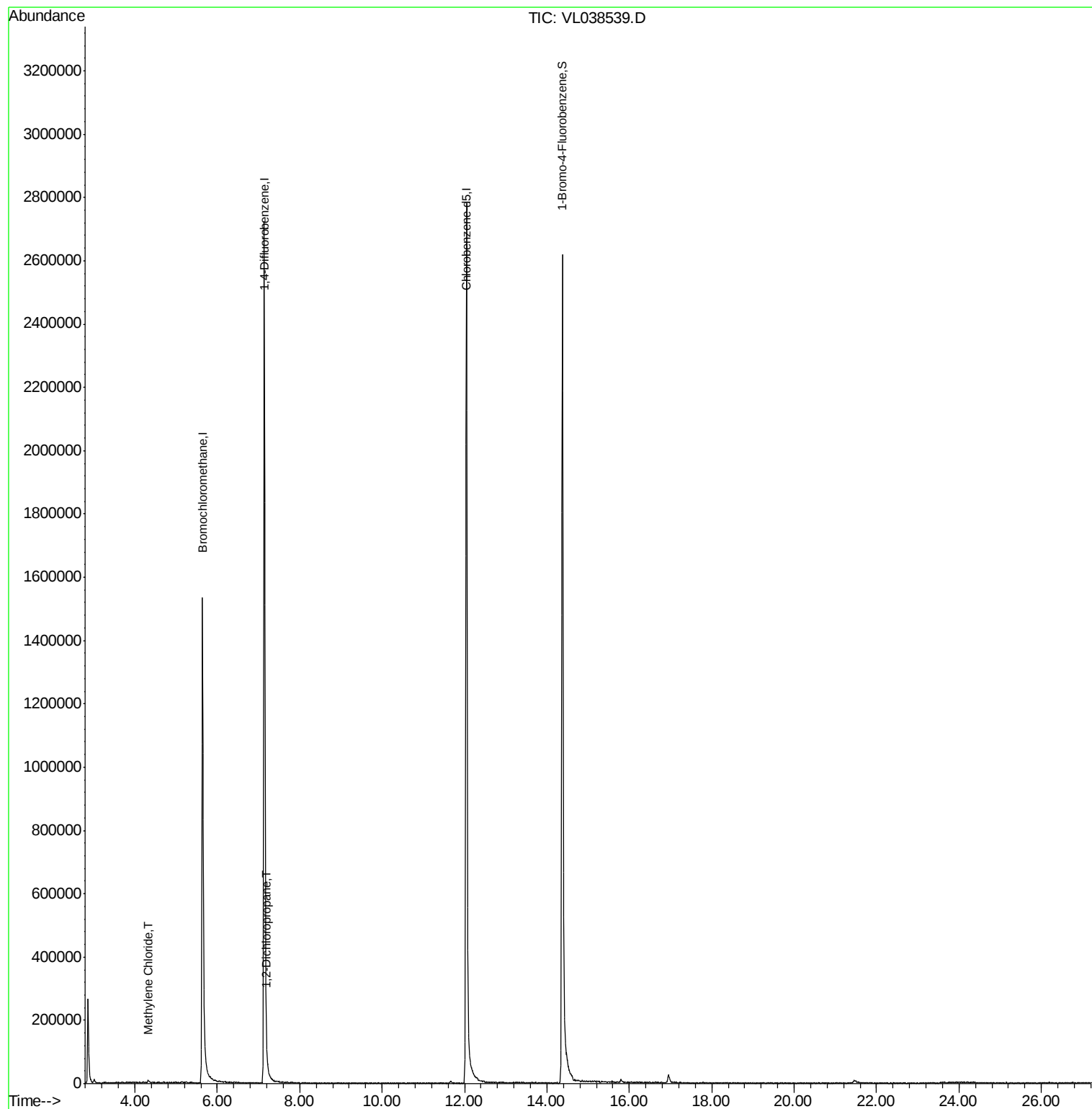
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	2830	0.069	ppbv #	51
39) 1,2-Dichloropropane	7.20	63	7738	0.102	ppbv #	16

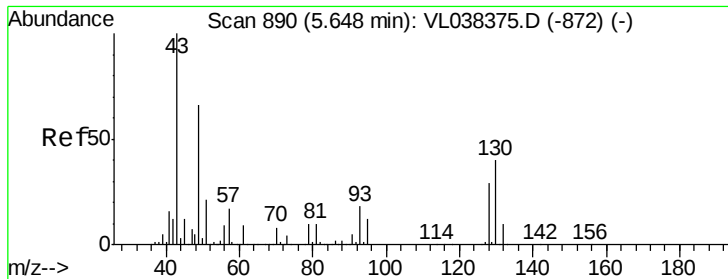
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 18:20

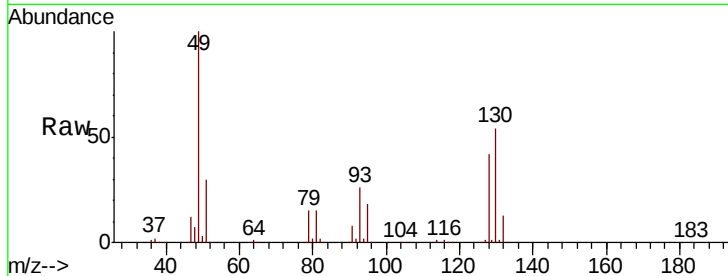
Tot Ion: 49 Resp: 966852

Ion Ratio Lower Upper

49 100

128 44.5 24.3 72.9

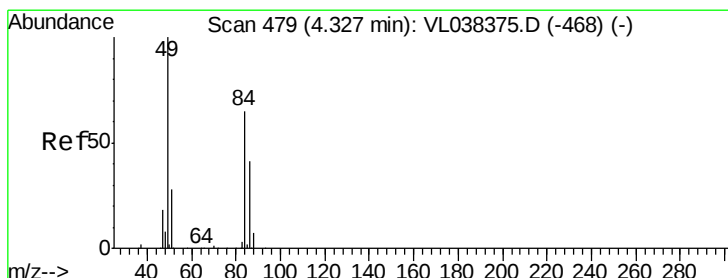
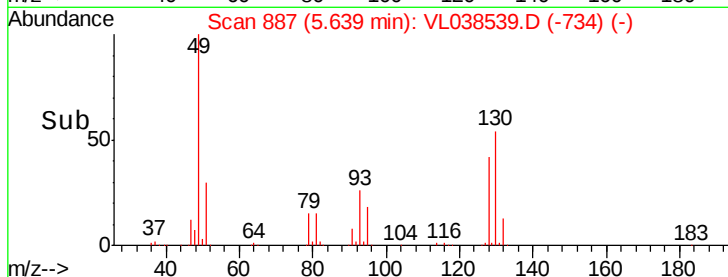
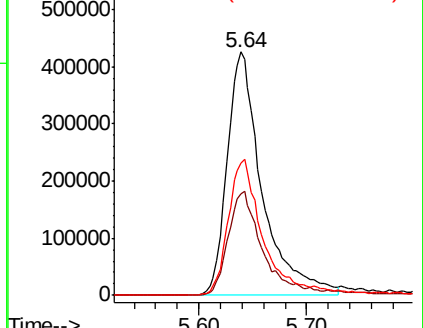
130 58.0 30.1 90.5



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



#20

Methylene Chloride

Concen: 0.069 ppbv

RT: 4.33 min Scan# 480

Delta R.T. 0.00 min

Lab File: VL038539.D

Acq: 4 Mar 2022 18:20

Tgt Ion: 84 Resp: 2830

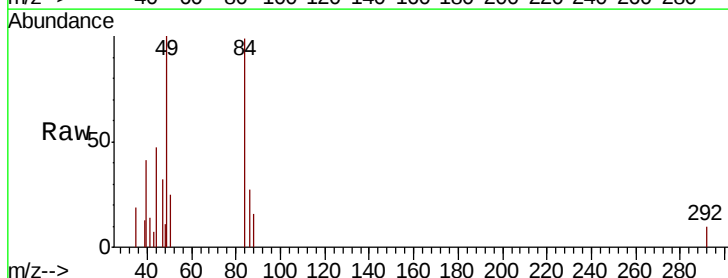
Ion Ratio Lower Upper

84 100

49 101.5 122.4 183.6#

51 0.0 33.3 49.9#

86 16.8 50.7 76.1#

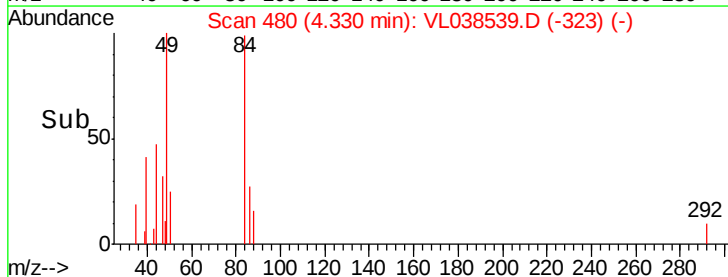
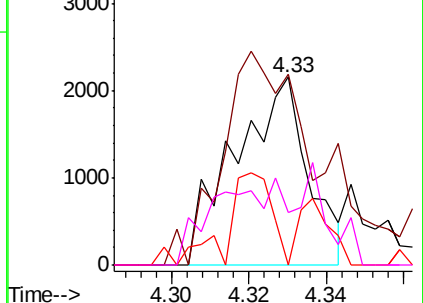


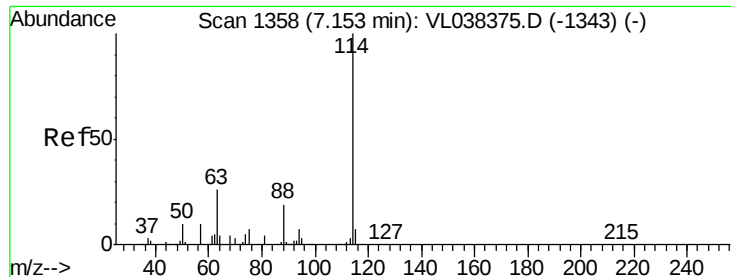
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

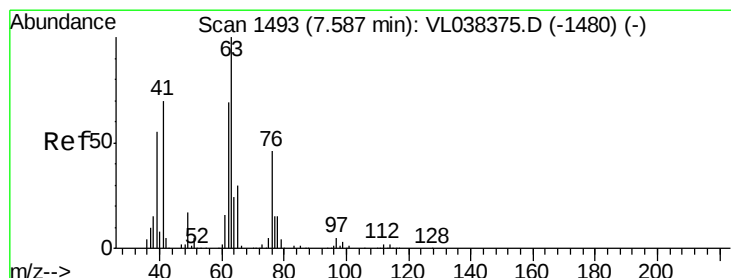
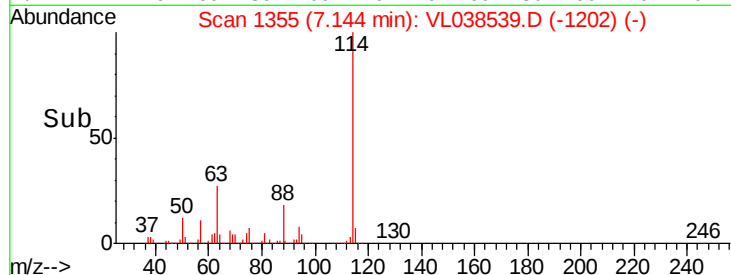
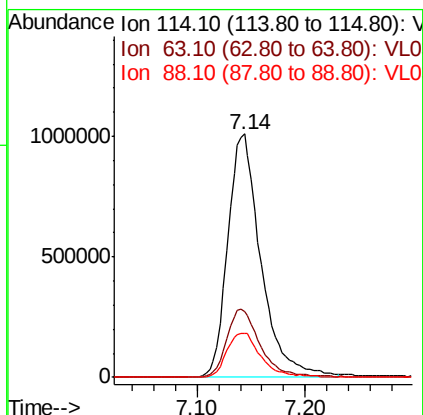
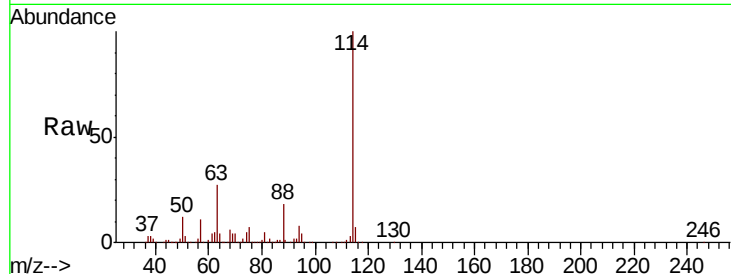
Ion 86.00 (85.70 to 86.70): VL0





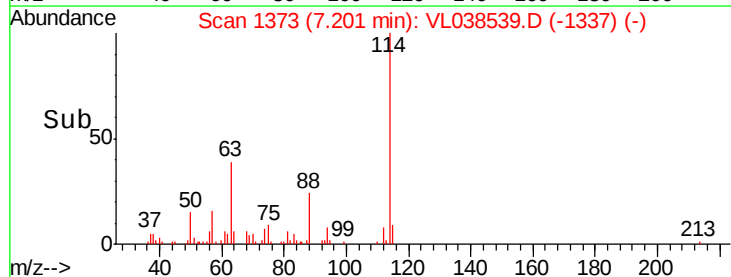
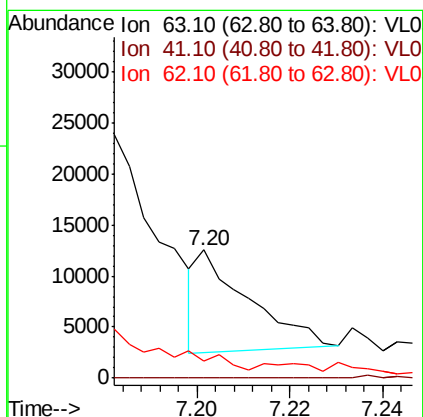
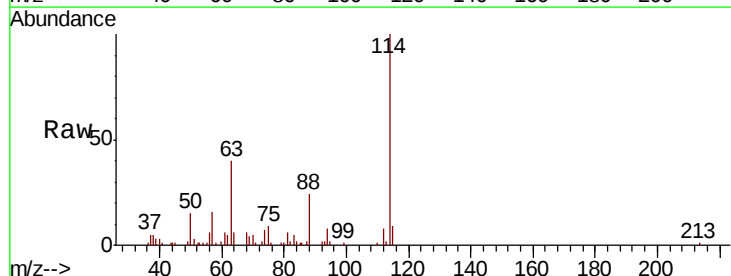
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 Instrument :
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 18:20

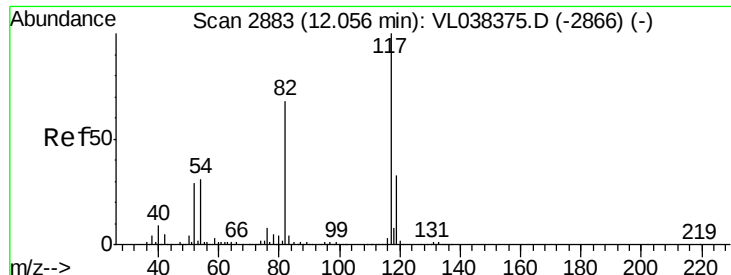
Tot Ion:114 Resp: 2161928
 Ion Ratio Lower Upper
 114 100
 63 28.9 22.2 33.2
 88 19.1 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 0.102 ppbv
 RT: 7.20 min Scan# 1373
 Delta R.T. -0.39 min
 Lab File: VL038539.D
 Acq: 4 Mar 2022 18:20

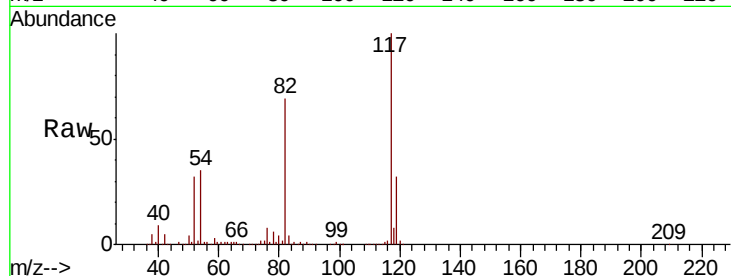
Tgt Ion: 63 Resp: 7738
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.1 84.1#
 62 1.5 55.5 83.3#



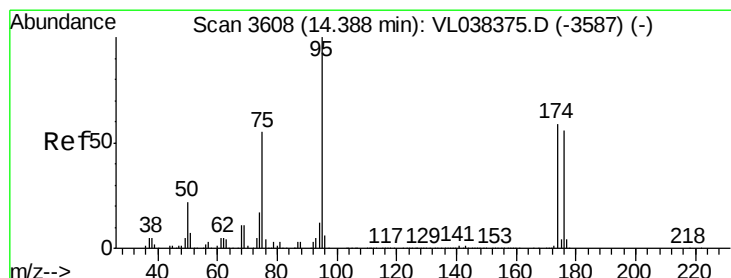
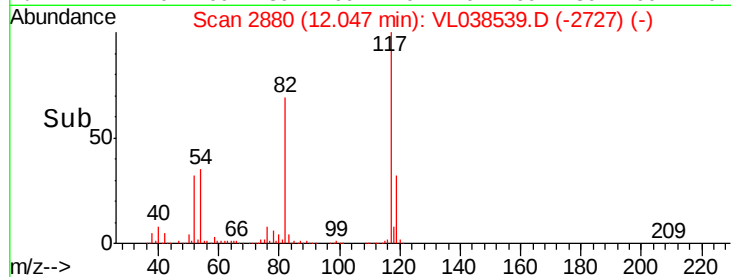
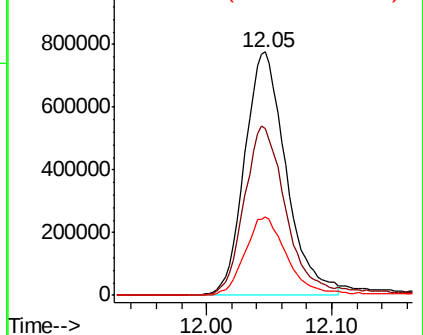


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 18:20

Tot Ion: 117 Resp: 1783361
 Ion Ratio Lower Upper
 117 100
 82 74.1 54.9 82.3
 119 34.6 46.1 69.1#

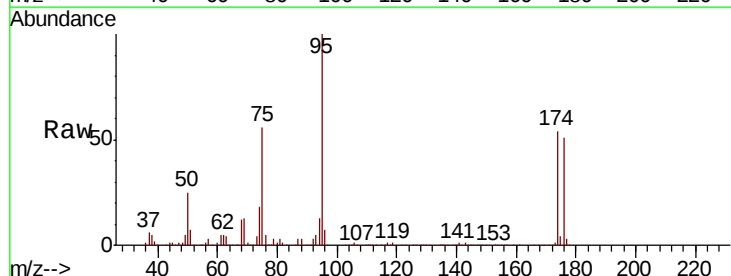


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.320 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T. -0.02 min
 Lab File: VL038539.D
 Acq: 4 Mar 2022 18:20

Tgt Ion: 95 Resp: 1375235
 Ion Ratio Lower Upper
 95 100
 174 62.2 49.0 73.4
 175 4.4 3.6 5.4



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

