

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038546.D
 Acq On : 4 Mar 2022 22:39
 Operator : SY/AP
 Sample : CAN 10295
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 05:00:19 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	908348	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2016804	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	1737200	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1359381	9.46	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

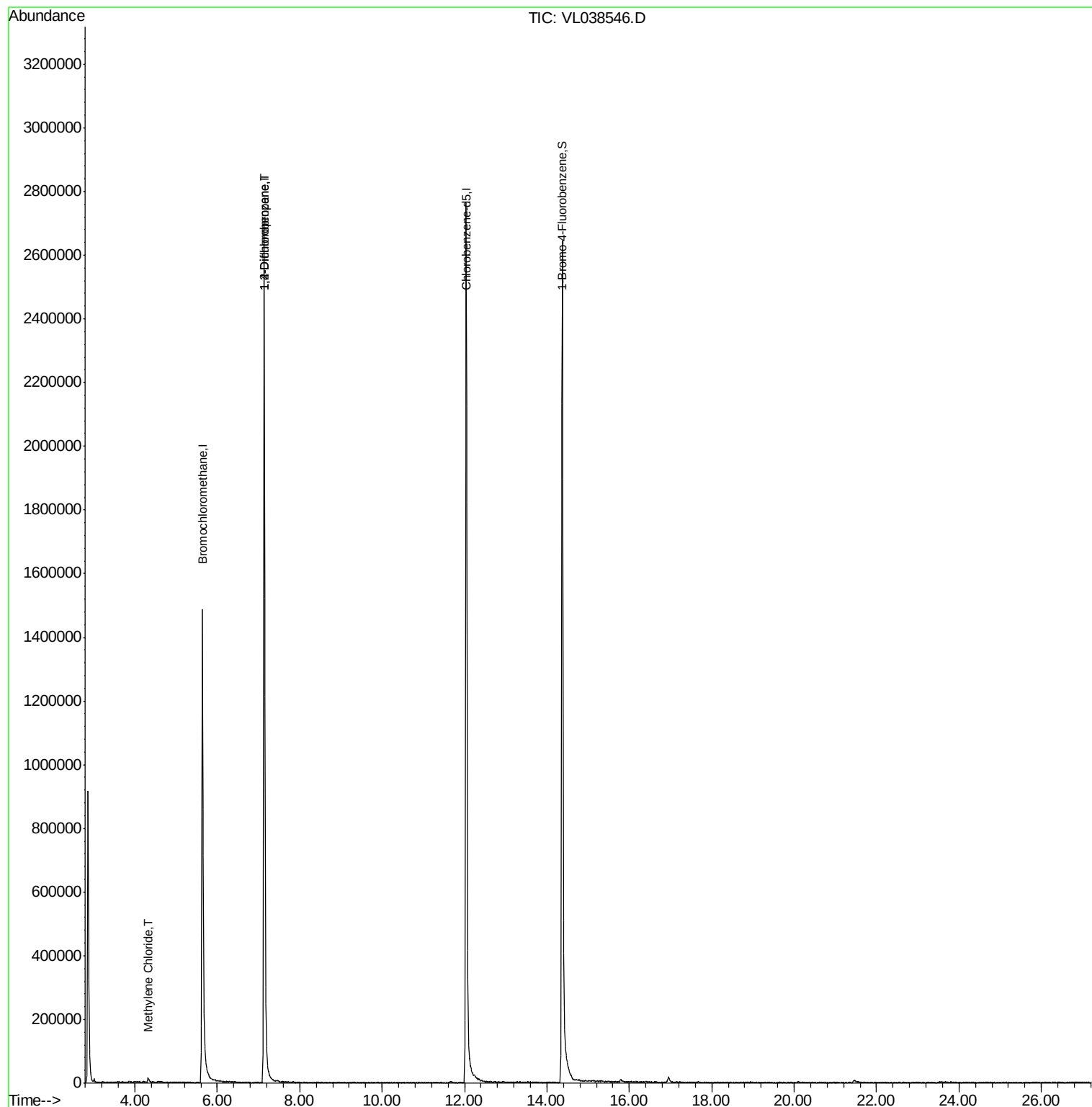
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.31	84	2397	0.063	ppbv #	76
39) 1,2-Dichloropropane	7.14	63	591681	8.367	ppbv #	26

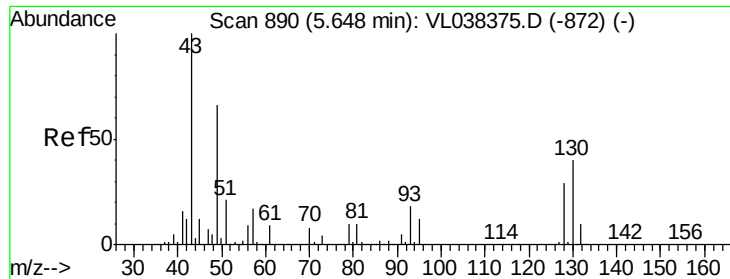
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 22:39

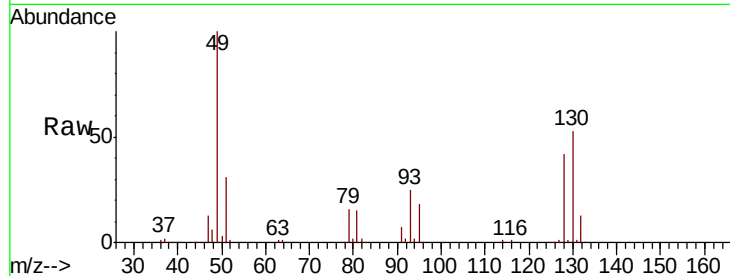
Tot Ion: 49 Resp: 908348

Ion Ratio Lower Upper

49 100

128 44.4 24.3 72.9

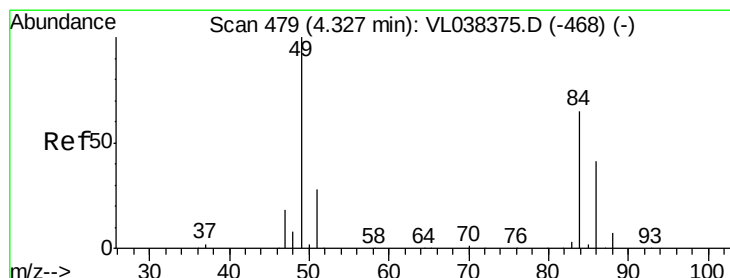
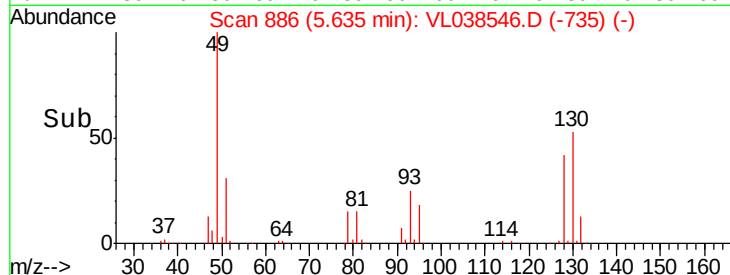
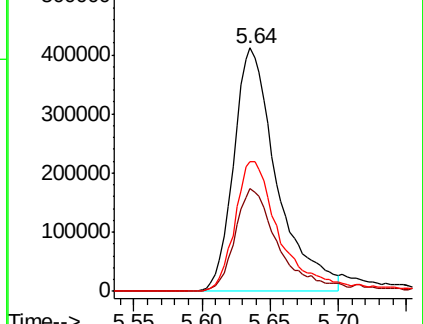
130 58.8 30.1 90.5



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: 0.063 ppbv

RT: 4.31 min Scan# 475

Delta R.T. -0.01 min

Lab File: VL038546.D

Acq: 4 Mar 2022 22:39

Tgt Ion: 84 Resp: 2397

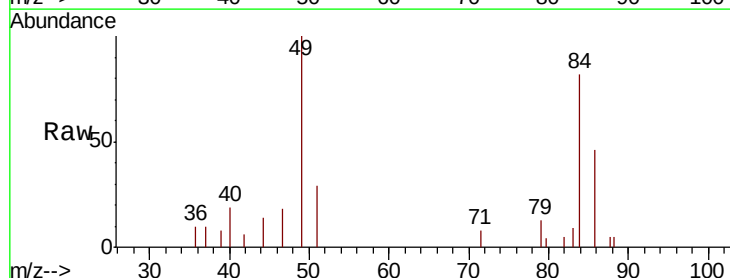
Ion Ratio Lower Upper

84 100

49 109.0 122.4 183.6#

51 35.5 33.3 49.9

86 55.6 50.7 76.1

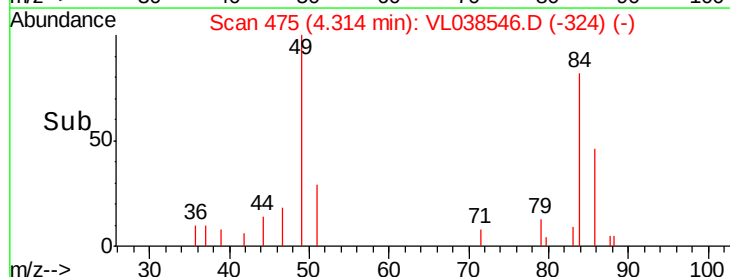
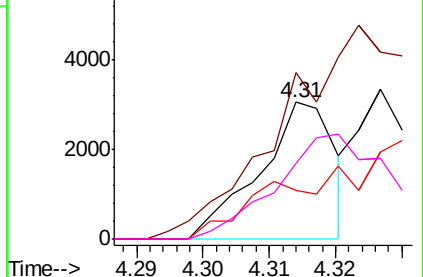


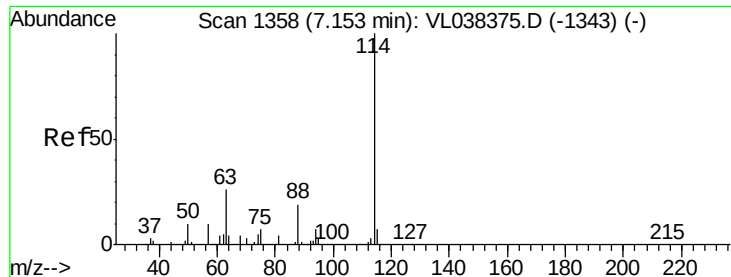
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

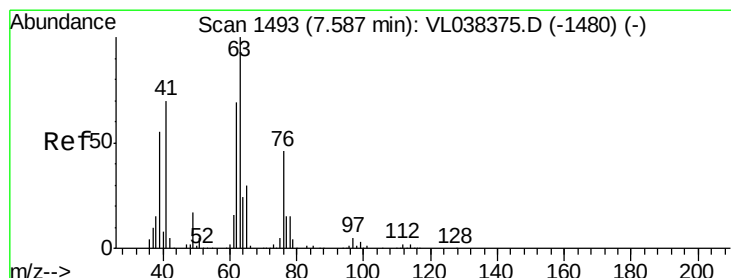
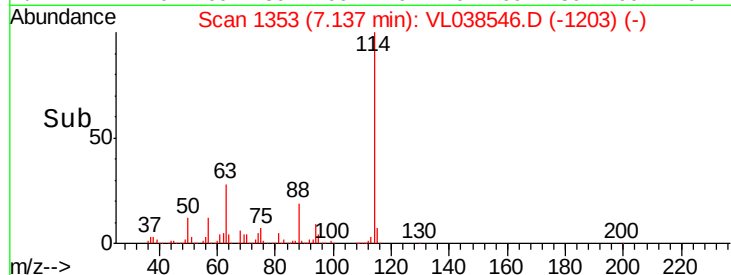
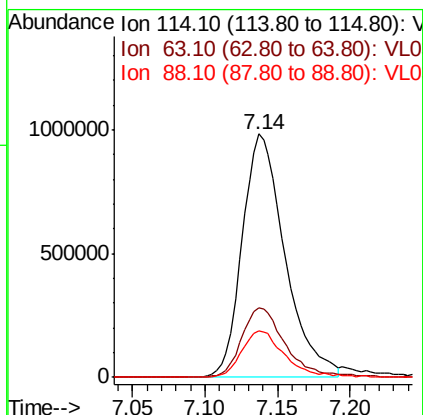
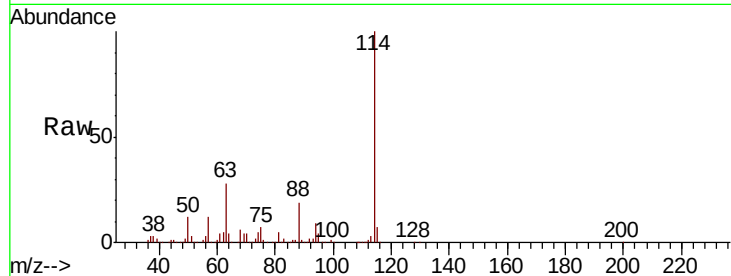




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.14 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 4 Mar 2022 22:39

Tot Ion: 114 Resp: 2016804

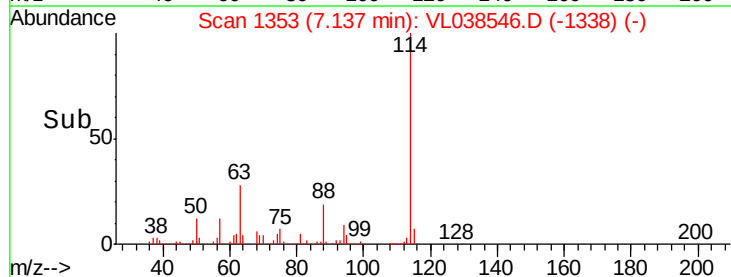
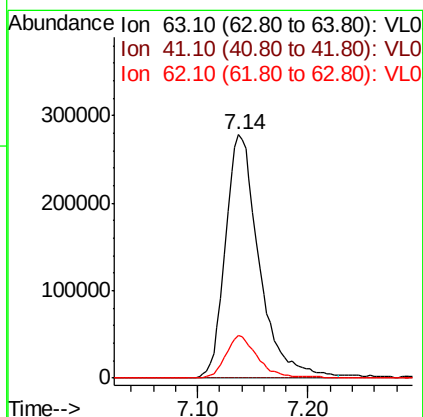
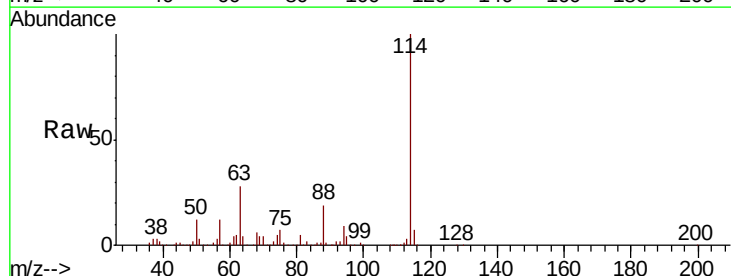
Ion	Ratio	Lower	Upper
114	100		
63	30.1	22.2	33.2
88	19.7	15.2	22.8

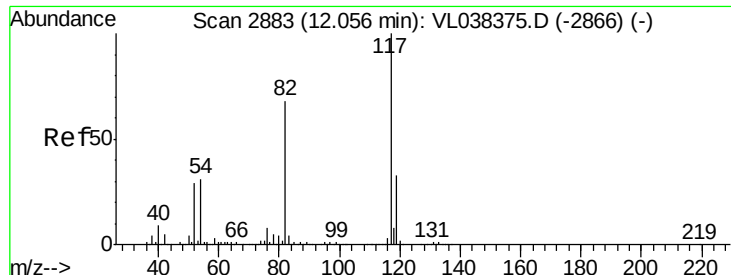


#39
 1,2-Dichloropropane
 Concen: 8.367 ppbv
 RT: 7.14 min Scan# 1353
 Delta R.T.: -0.45 min
 Lab File: VL038546.D
 Acq: 4 Mar 2022 22:39

Tgt Ion: 63 Resp: 591681

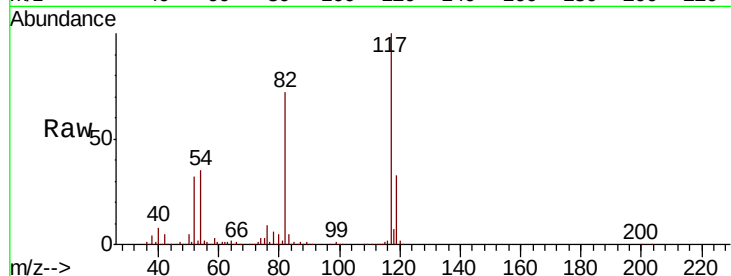
Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	17.7	55.5	83.3#



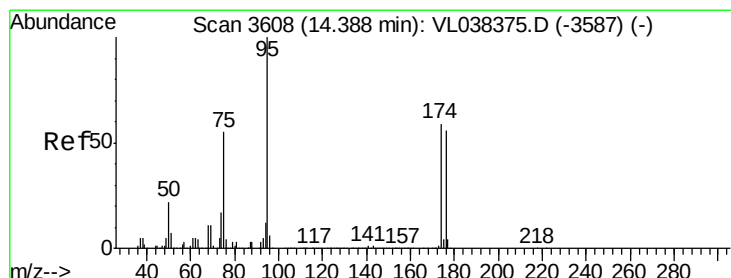
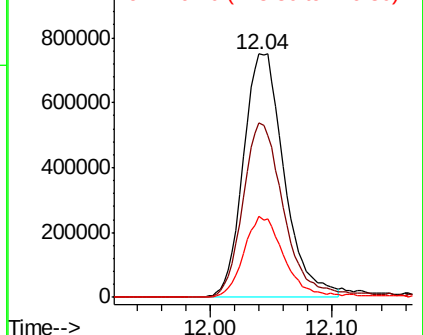
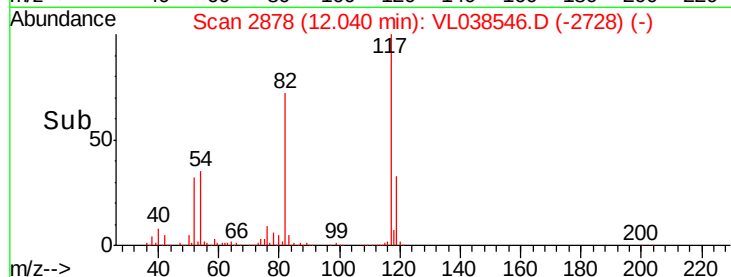


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.04 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 22:39

Tot Ion: 117 Resp: 1737200
 Ion Ratio Lower Upper
 117 100
 82 75.0 54.9 82.3
 119 33.8 46.1 69.1#

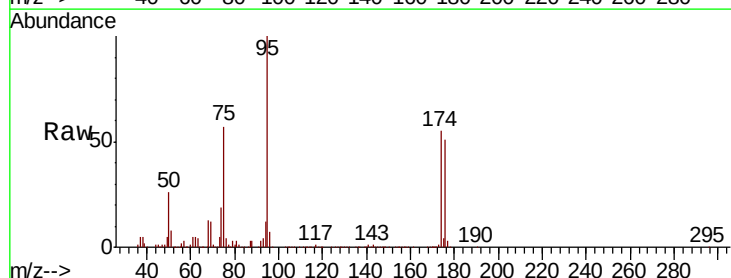


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.457 ppbv
 RT: 14.37 min Scan# 3603
 Delta R.T. -0.02 min
 Lab File: VL038546.D
 Acq: 4 Mar 2022 22:39

Tgt Ion: 95 Resp: 1359381
 Ion Ratio Lower Upper
 95 100
 174 60.5 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

