

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030322\
Data File : VL038521.D
Acq On : 3 Mar 2022 19:52
Operator : SY/AP
Sample : CAN 10602
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10602

Quant Time: Mar 04 06:25:30 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	5.65	49	665035	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	1603286	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.05	117	1001876	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	741662	8.95	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.50%

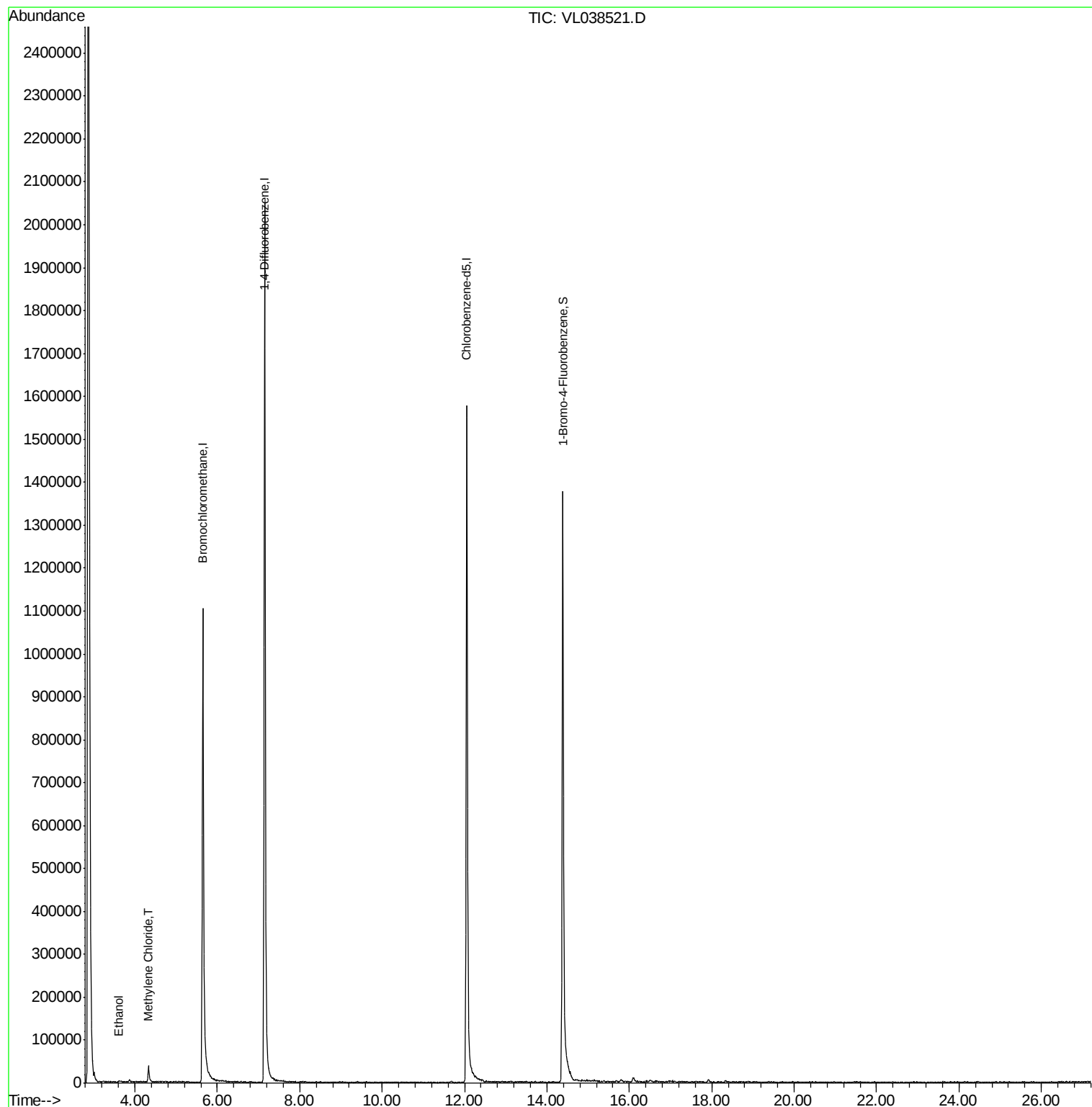
Target Compounds					Ovalue
13) Ethanol	3.61	45	862	0.223 ppbv #	50
20) Methylene Chloride	4.33	84	16601	0.592 ppbv #	83

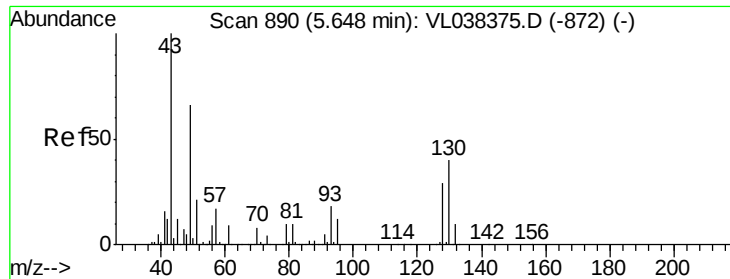
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 19:52

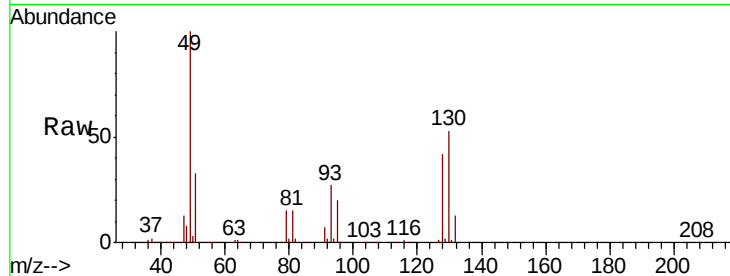
Tot Ion: 49 Resp: 665035

Ion Ratio Lower Upper

49 100

128 46.3 24.3 72.9

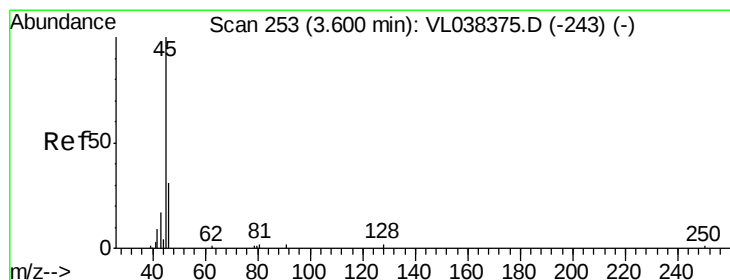
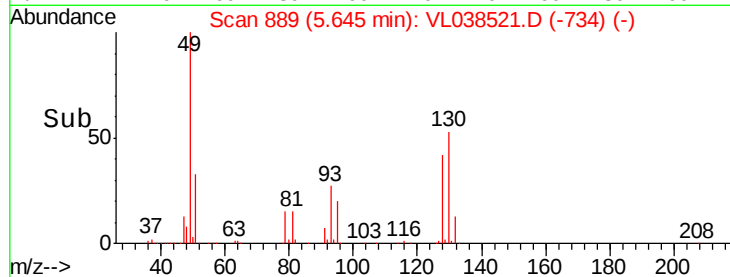
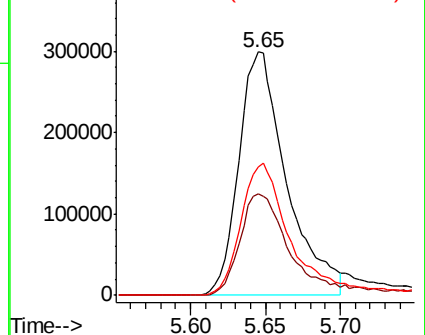
130 59.7 30.1 90.5



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



#13

Ethanol

Concen: 0.223 ppbv

RT: 3.61 min Scan# 255

Delta R.T. 0.01 min

Lab File: VL038521.D

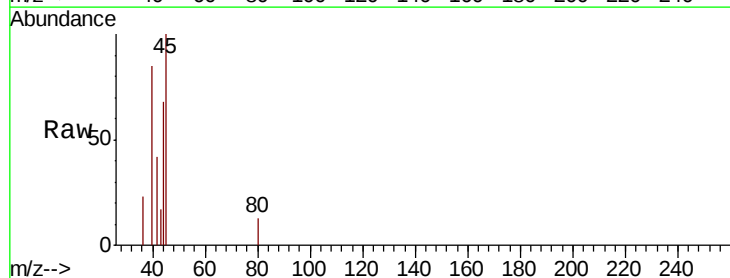
Acq: 3 Mar 2022 19:52

Tgt Ion: 45 Resp: 862

Ion Ratio Lower Upper

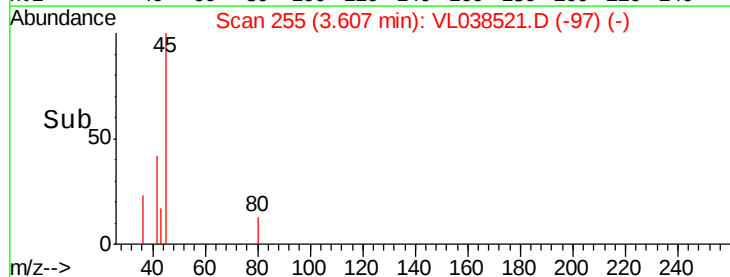
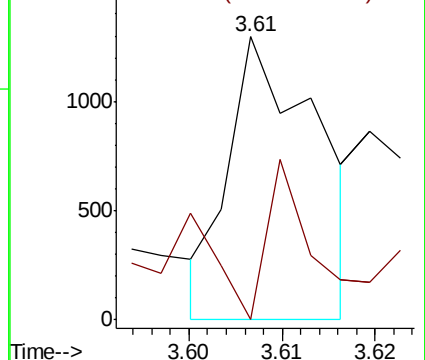
45 100

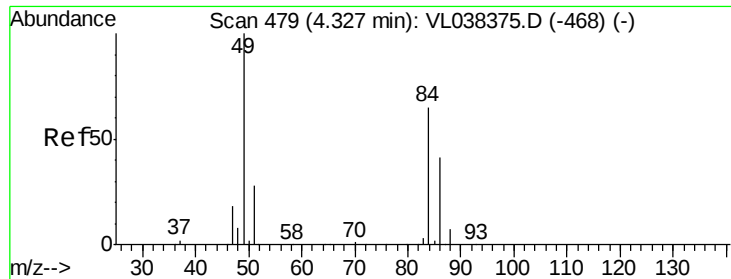
46 78.3 18.2 72.8#



Abundance Ion 45.10 (44.80 to 45.80): VL0

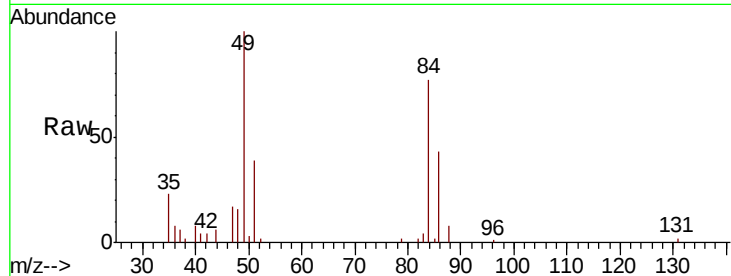
Ion 46.10 (45.80 to 46.80): VL0





#20
Methylene Chloride
Concen: 0.592 ppbv
RT: 4.33
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 3 Mar 2022 19:52

Tot Ion	84	Resp	16601
Ion	Ratio	Lower	Upper
84	100		
49	126.3	122.4	183.6
51	50.4	33.3	49.9#
86	56.3	50.7	76.1



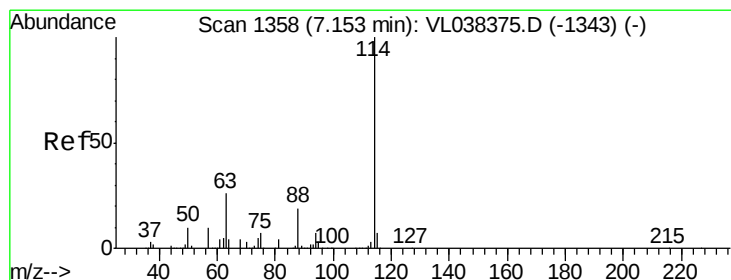
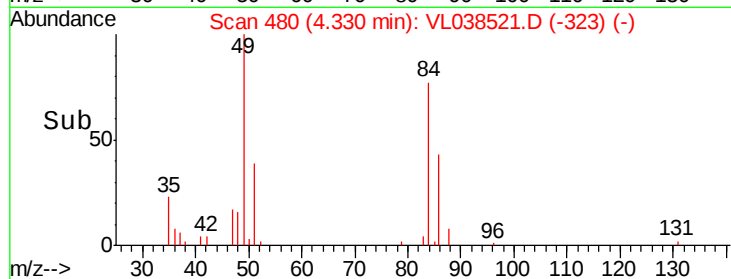
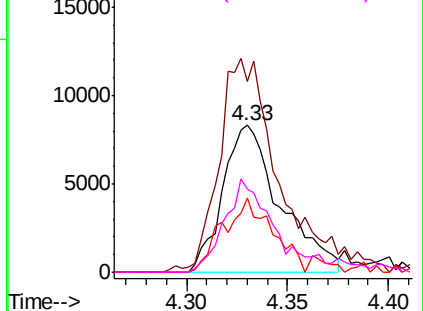
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

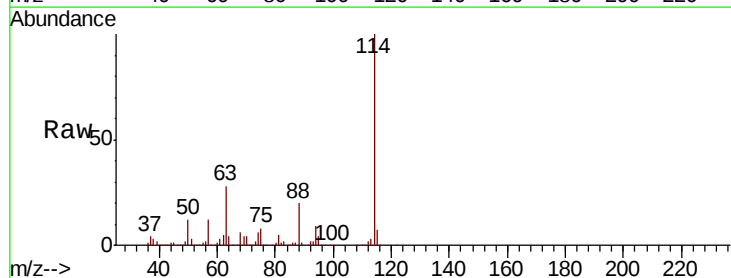
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1356
Delta R.T. -0.01 min
Lab File: VL038521.D
Acq: 3 Mar 2022 19:52

Tgt Ion	114	Resp	1603286
Ion	Ratio	Lower	Upper
114	100		
63	28.8	22.2	33.2
88	19.1	15.2	22.8

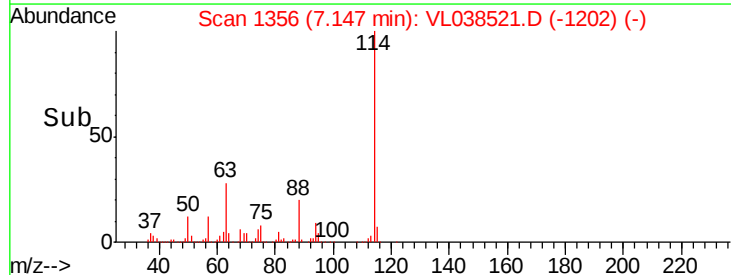
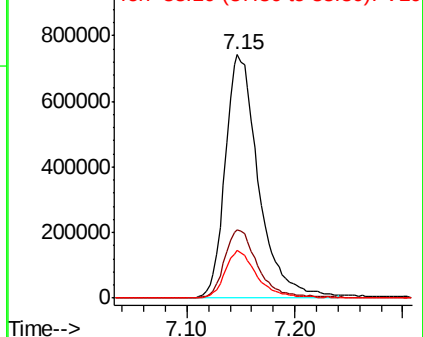


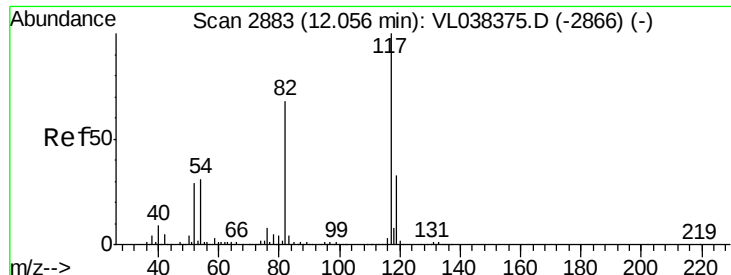
Abundance

Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

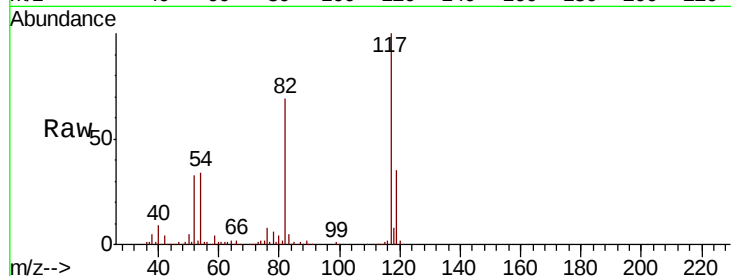
Ion 88.10 (87.80 to 88.80): VL0



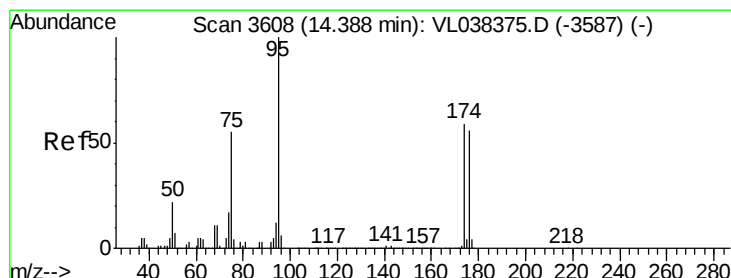
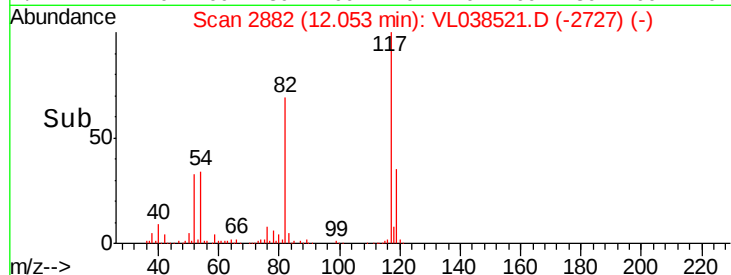
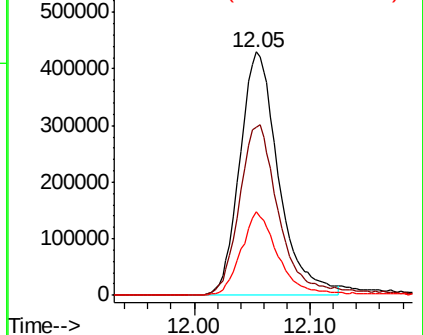


#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.05
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 19:52

Tot Ion: 117 Resp: 1001876
 Ion Ratio Lower Upper
 117 100
 82 73.1 54.9 82.3
 119 33.0 46.1 69.1#

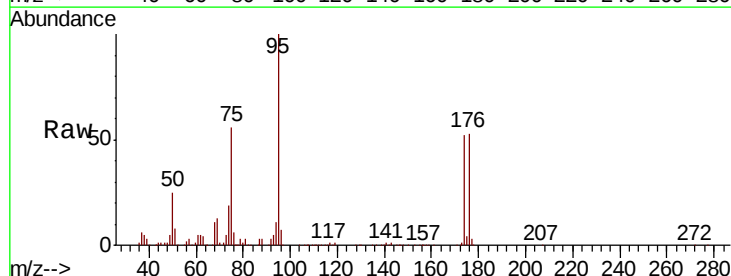


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): VL0
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.947 ppbv
 RT: 14.38 min Scan# 3606
 Delta R.T. -0.01 min
 Lab File: VL038521.D
 Acq: 3 Mar 2022 19:52

Tgt Ion: 95 Resp: 741662
 Ion Ratio Lower Upper
 95 100
 174 59.1 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

