

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
 Data File : VL038498.D
 Acq On : 3 Mar 2022 1:20
 Operator : SY/AP
 Sample : CAN 10673
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10673

Quant Time: Mar 03 03:16:38 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	5.68	49	796649	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	1877705	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1653882	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1356711	9.91	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%

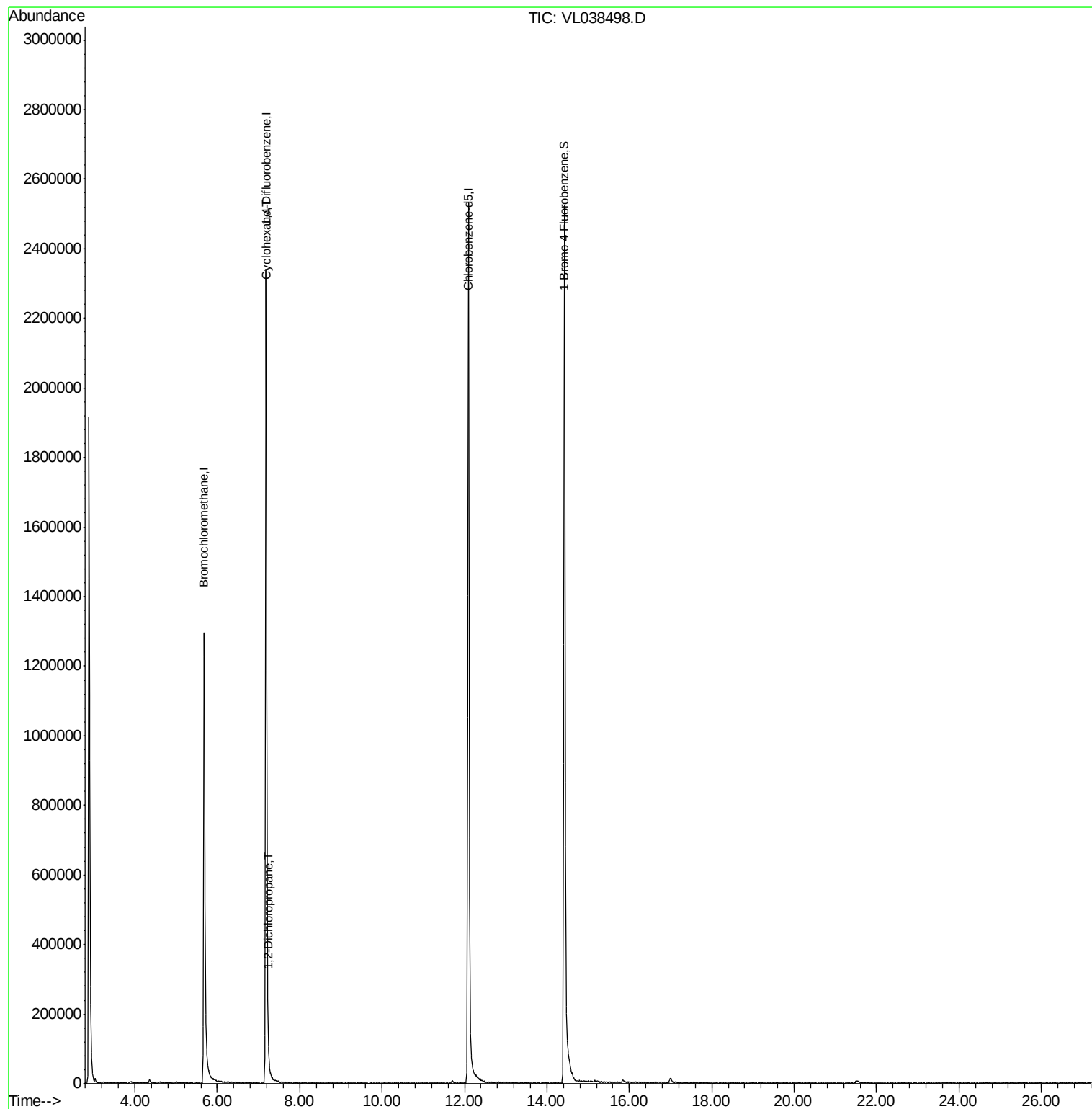
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Cyclohexane	7.17	84	3021	0.04	ppbv #	1
39) 1,2-Dichloropropane	7.24	63	5498	0.08	ppbv #	22

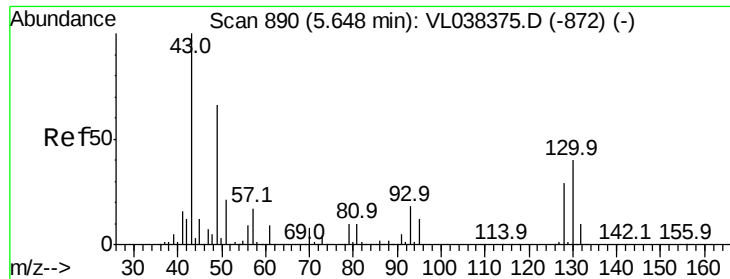
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 3 Mar 2022 1:20

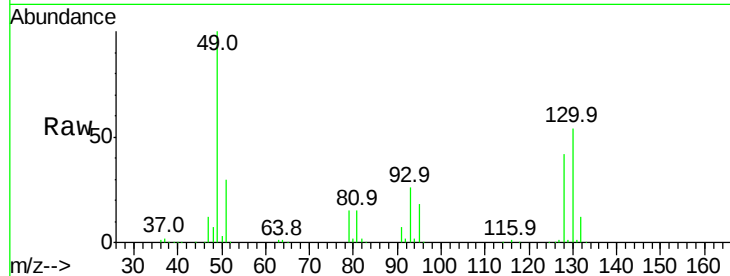
Tgt Ion: 49 Resp: 796649

Ion Ratio Lower Upper

49 100

128 45.9 24.3 72.9

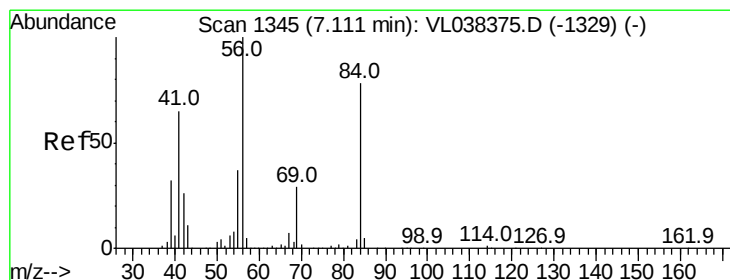
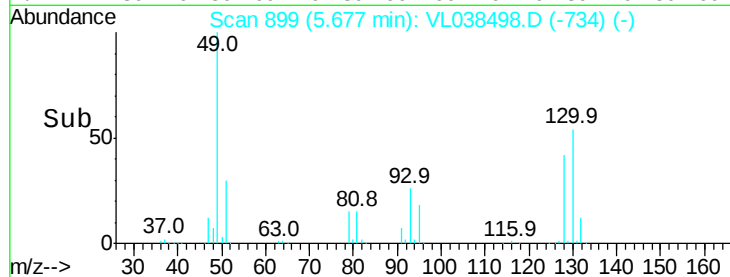
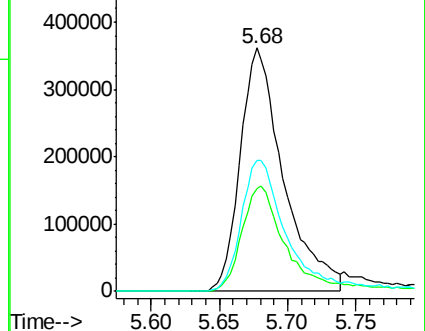
130 58.3 30.1 90.5



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



#30

Cyclohexane

Concen: 0.04 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. 0.06 min

Lab File: VL038498.D

Acq: 3 Mar 2022 1:20

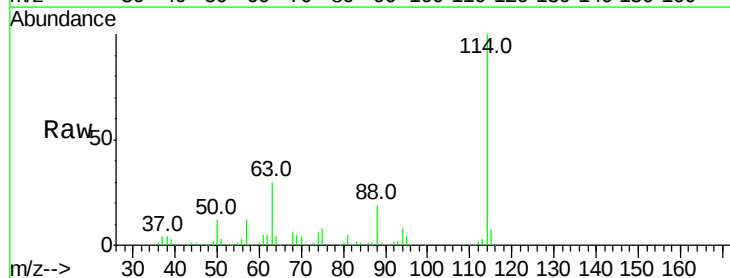
Tgt Ion: 84 Resp: 3021

Ion Ratio Lower Upper

84 100

56 0.0 116.2 174.4#

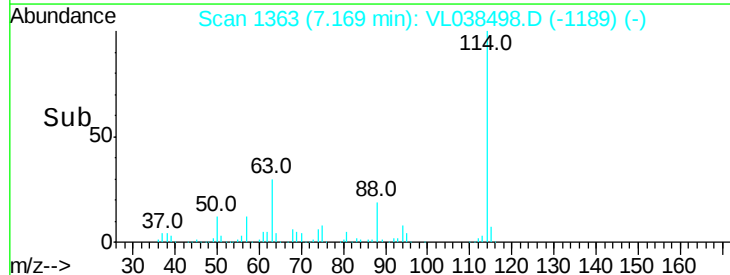
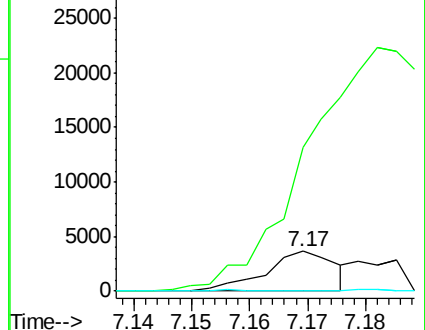
41 1.1 74.3 111.5#

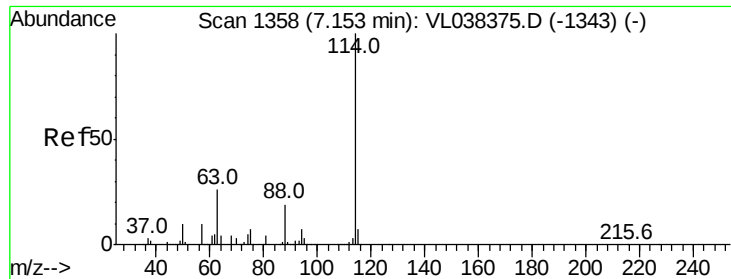


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

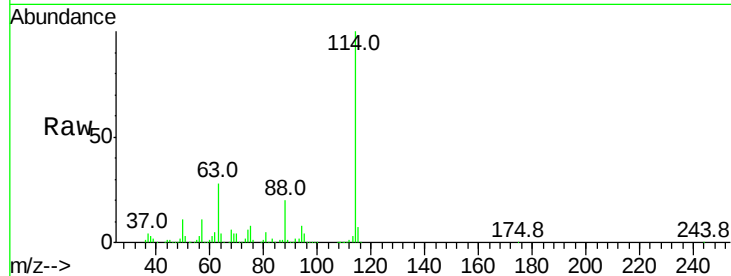
Ion 41.10 (40.80 to 41.80): VL0



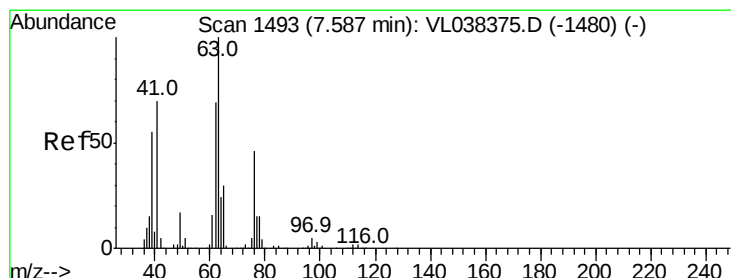
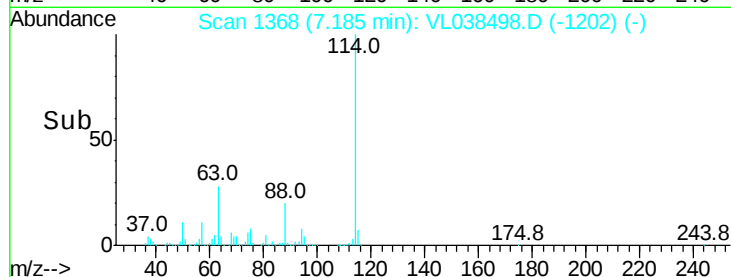
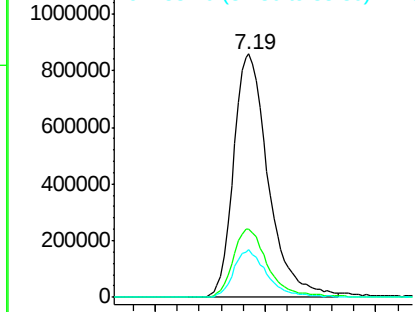


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.19
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 1:20

Tgt Ion: 114 Resp: 1877705
 Ion Ratio Lower Upper
 114 100
 63 28.6 22.2 33.2
 88 19.2 15.2 22.8

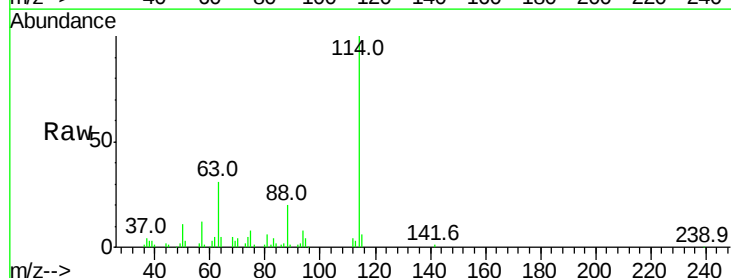


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

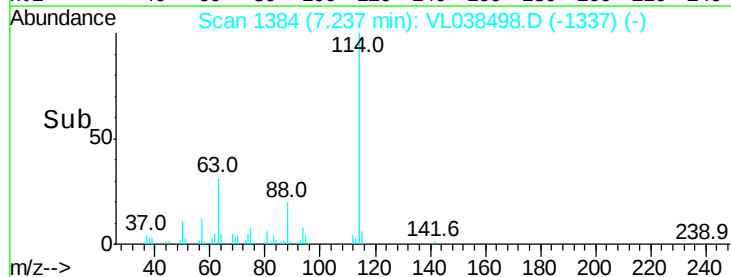
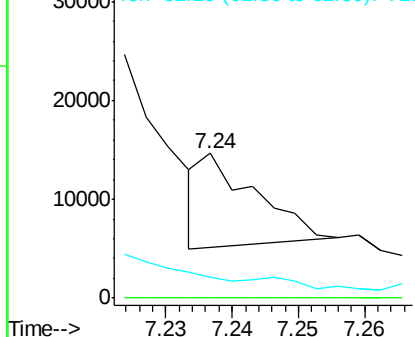


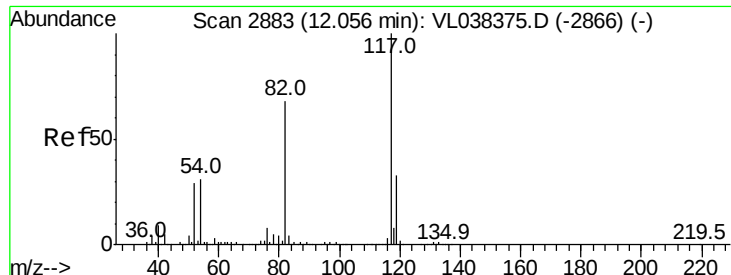
#39
 1,2-Dichloropropane
 Concen: 0.08 ppbv
 RT: 7.24 min Scan# 1384
 Delta R.T. -0.35 min
 Lab File: VL038498.D
 Acq: 3 Mar 2022 1:20

Tgt Ion: 63 Resp: 5498
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.1 84.1#
 62 11.1 55.5 83.3#



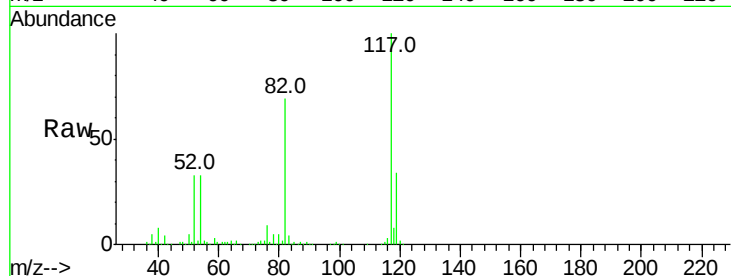
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0



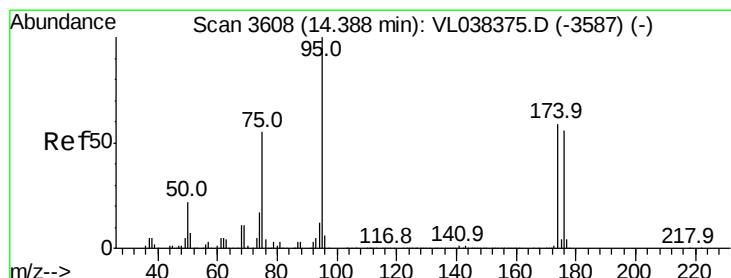
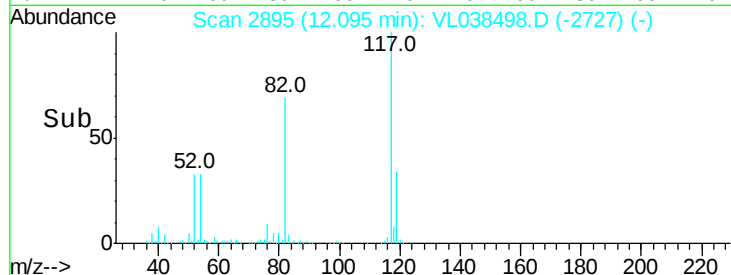
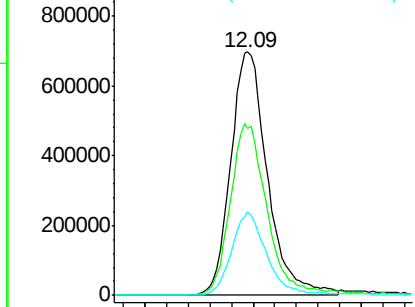


#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 3 Mar 2022 1:20

Tgt Ion: 117 Resp: 1653882
 Ion Ratio Lower Upper
 117 100
 82 73.0 54.9 82.3
 119 33.4 46.1 69.1#

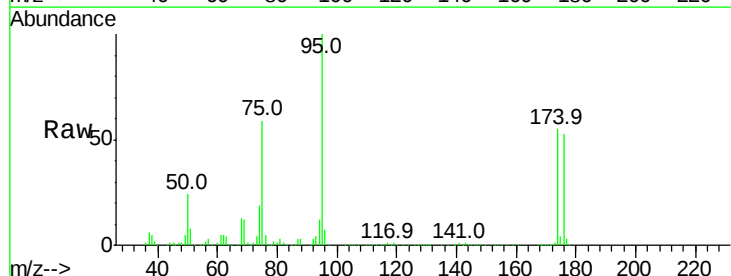


Abundance Ion 117.10 (116.80 to 117.80): V
 Ion 82.10 (81.80 to 82.80): V
 Ion 119.10 (118.80 to 119.80): V



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.91 ppbv
 RT: 14.43 min Scan# 3620
 Delta R.T.: 0.04 min
 Lab File: VL038498.D
 Acq: 3 Mar 2022 1:20

Tgt Ion: 95 Resp: 1356711
 Ion Ratio Lower Upper
 95 100
 174 59.6 49.0 73.4
 175 4.3 3.6 5.4



Abundance Ion 95.10 (94.80 to 95.80): V
 Ion 174.00 (173.70 to 174.70): V
 Ion 175.00 (174.70 to 175.70): V

