

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038919.D
 Acq On : 14 Apr 2022 15:35
 Operator : SY/AP
 Sample : VL0414ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 15 08:06:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1166480	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2688085	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2302909	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1969435	11.27	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	112.70%

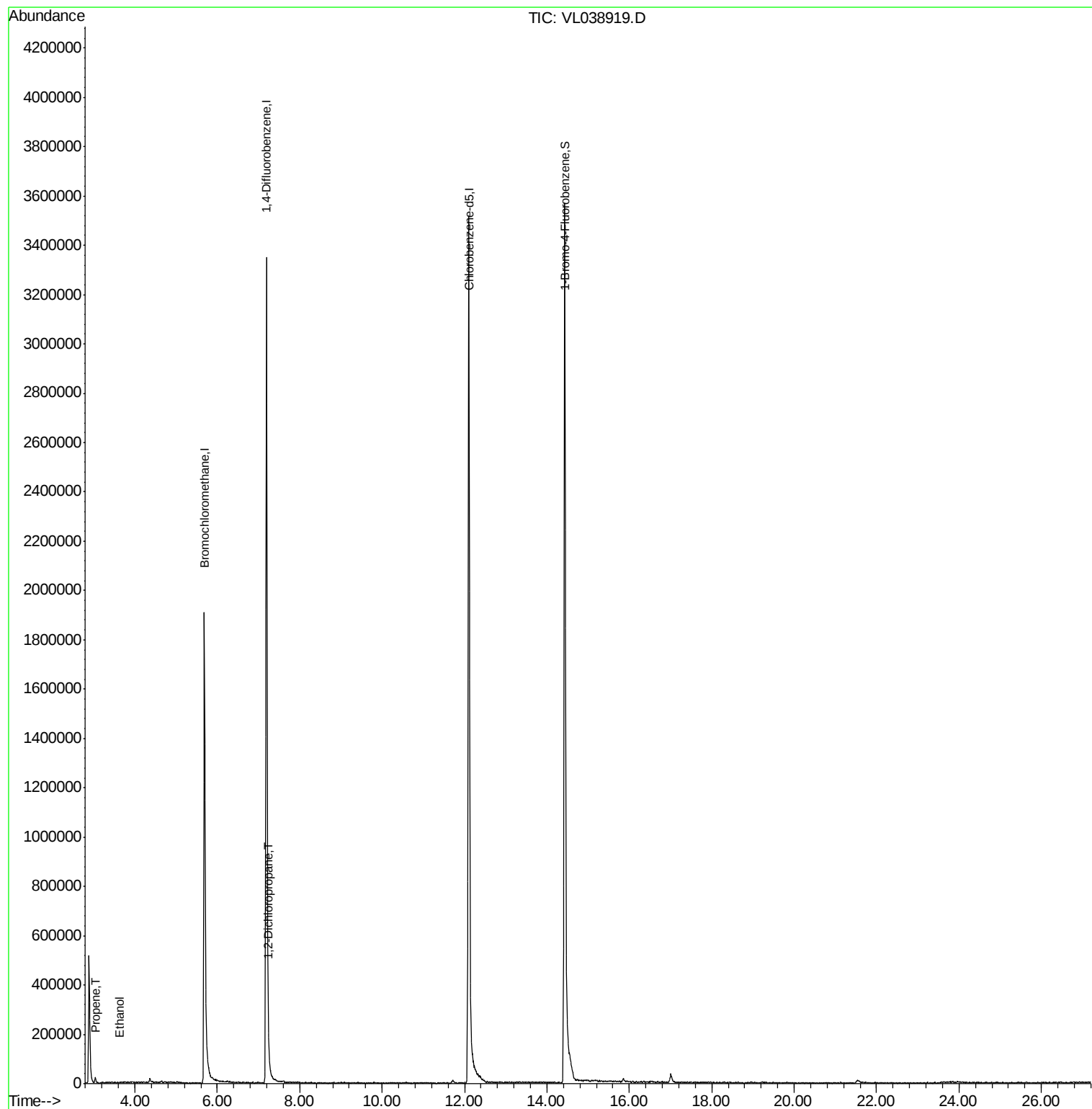
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.03	41	3384	0.045	ppbv #	16
13) Ethanol	3.63	45	162	0.035	ppbv #	100
39) 1,2-Dichloropropane	7.24	63	10241	0.109	ppbv #	16

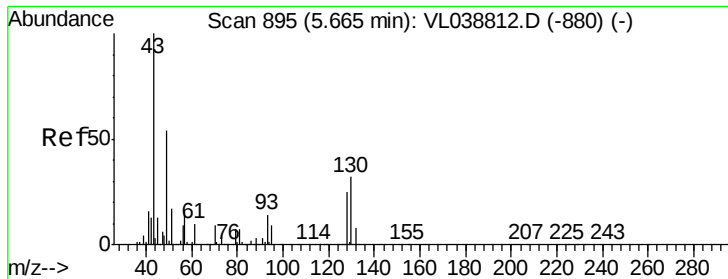
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 06 06:12:53 2022
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File:

Acq: 14 Apr 2022 15:35

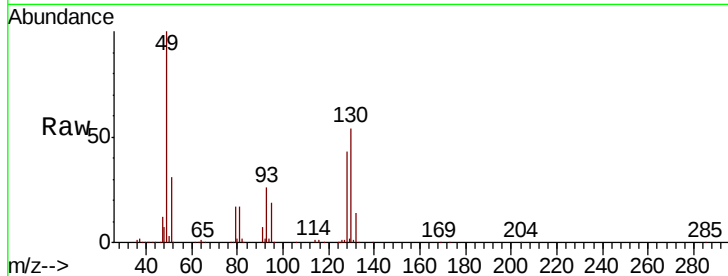
Tot Ion: 49 Resp: 1166480

Ion Ratio Lower Upper

49 100

128 46.3 24.1 72.3

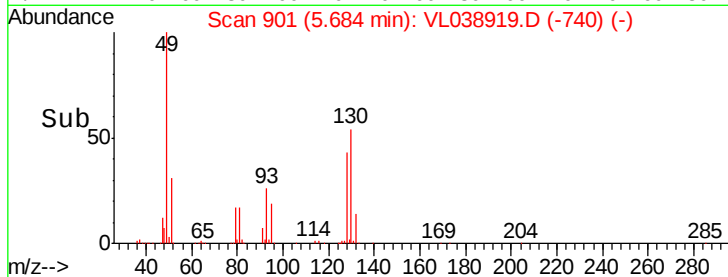
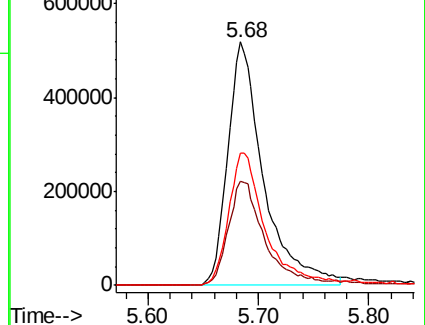
130 58.8 30.9 92.8



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



#9

Propene

Concen: 0.045 ppbv

RT: 3.03 min Scan# 76

Delta R.T. 0.02 min

Lab File: VL038919.D

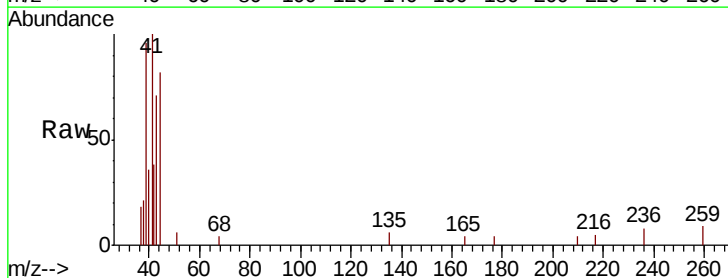
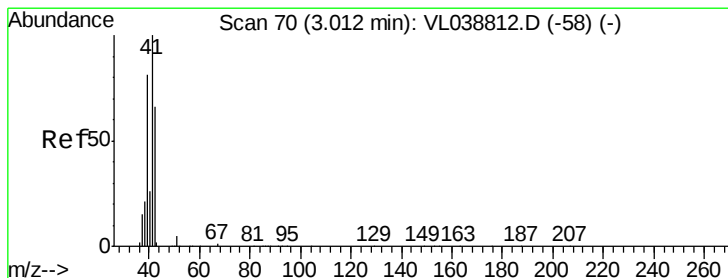
Acq: 14 Apr 2022 15:35

Tgt Ion: 41 Resp: 3384

Ion Ratio Lower Upper

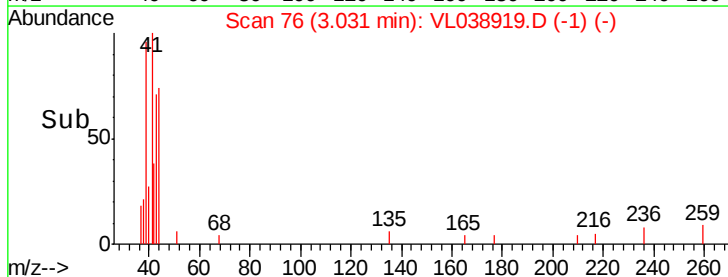
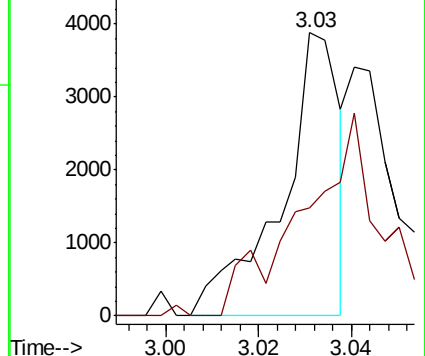
41 100

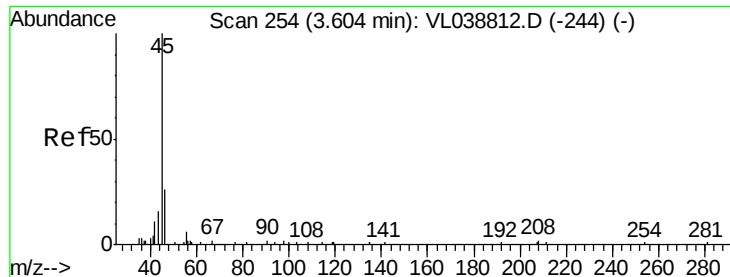
42 0.0 54.2 81.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

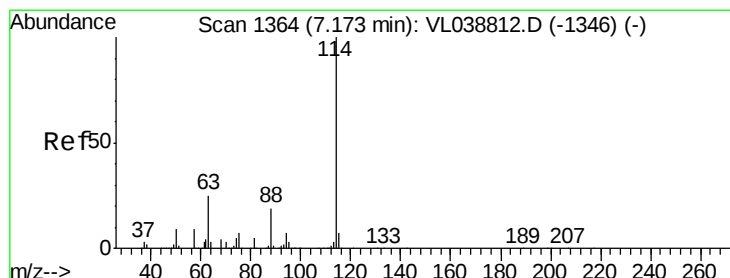
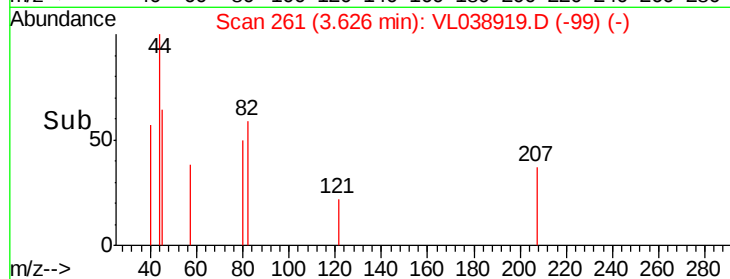
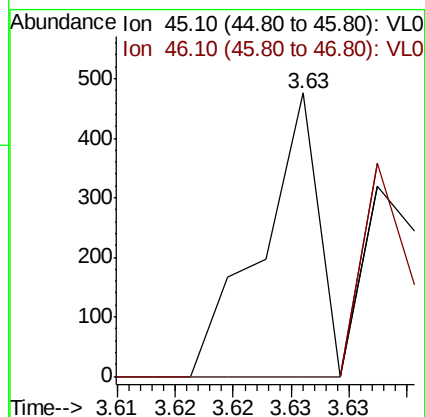
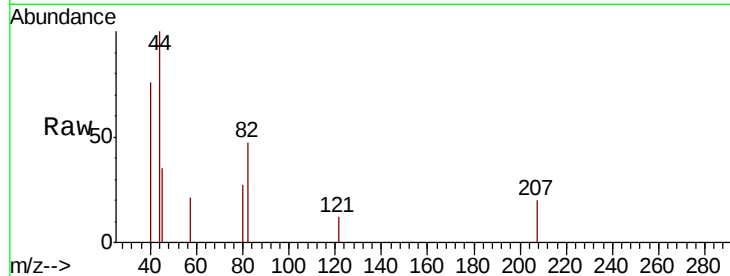
Ion 42.10 (41.80 to 42.80): VL0





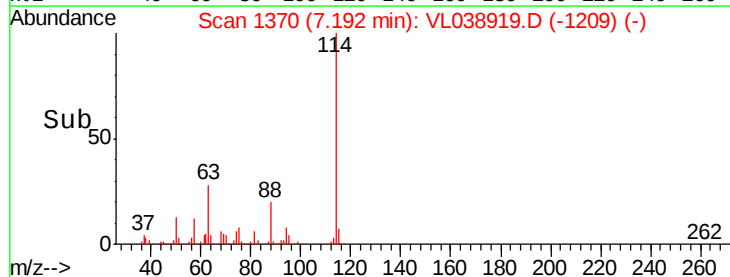
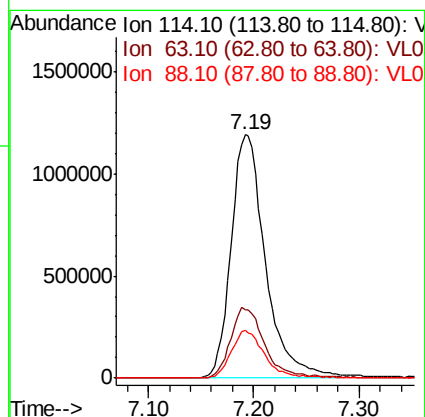
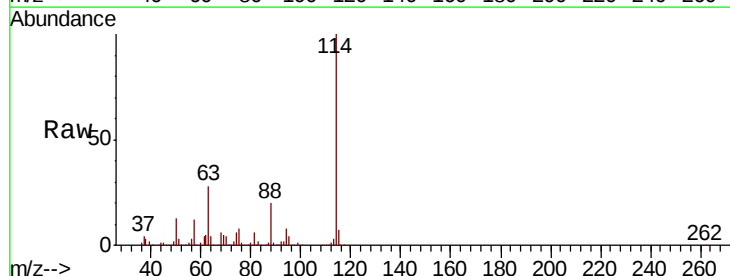
#13
 Ethanol
 Concen: 0.035 ppbv
 RT: 3.63
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 14 Apr 2022 15:35

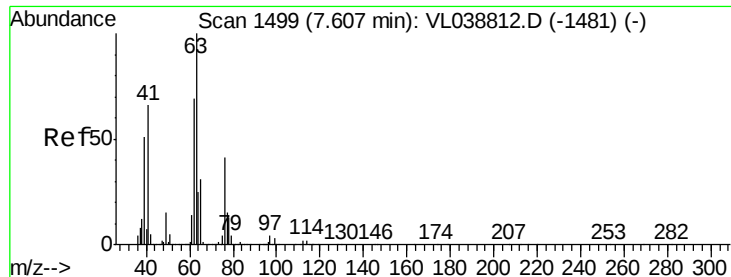
Tot Ion: 45 Resp: 162
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: VL038919.D
 Acq: 14 Apr 2022 15:35

Tgt Ion: 114 Resp: 2688085
 Ion Ratio Lower Upper
 114 100
 63 29.2 19.8 29.8
 88 19.5 14.2 21.4





#39

1,2-Dichloropropane

Concen: 0.109 ppbv

RT: 7.24 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 14 Apr 2022 15:35

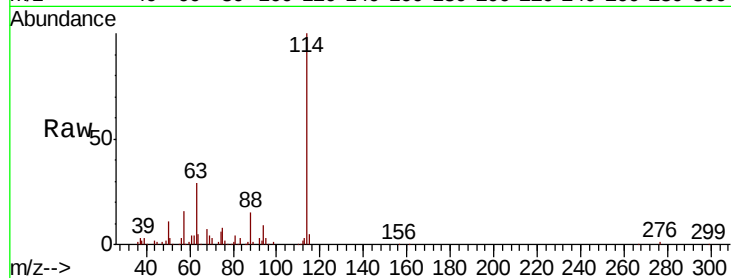
Tot Ion: 63 Resp: 10241

Ion Ratio Lower Upper

63 100

41 0.0 53.0 79.6#

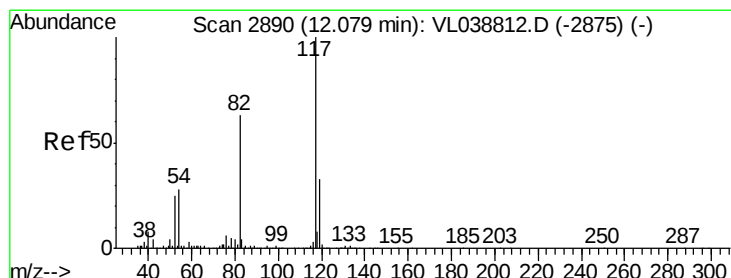
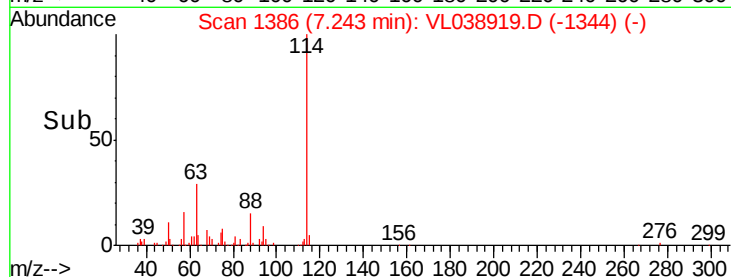
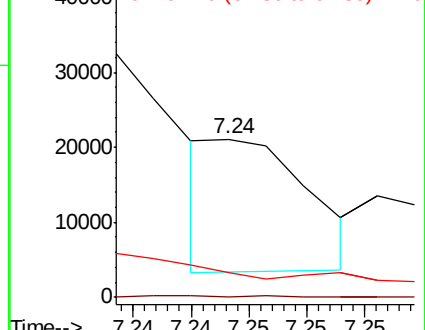
62 0.0 55.0 82.4#



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: 12.10 min Scan# 2897

Delta R.T. 0.02 min

Lab File: VL038919.D

Acq: 14 Apr 2022 15:35

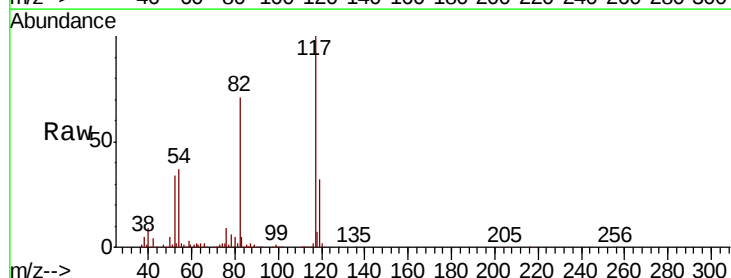
Tgt Ion: 117 Resp: 2302909

Ion Ratio Lower Upper

117 100

82 76.2 53.0 79.6

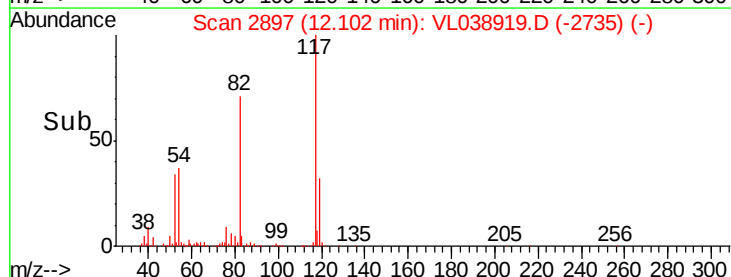
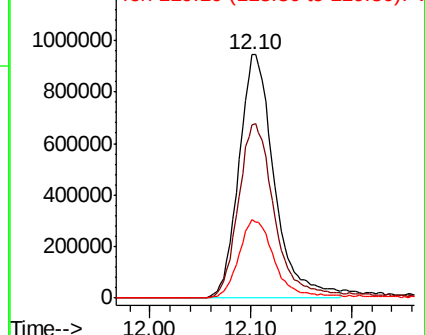
119 34.2 24.9 37.3

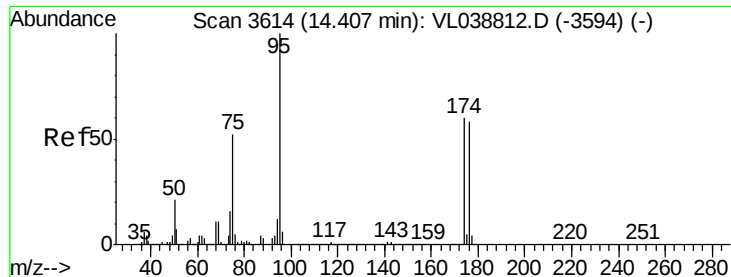


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 11.274 ppbv

RT: 14.43 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 14 Apr 2022 15:35

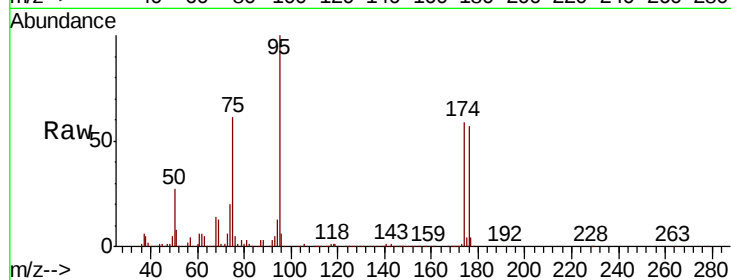
Tot Ion: 95 Resp: 1969435

Ion Ratio Lower Upper

95 100

174 61.7 52.0 78.0

175 4.6 4.0 6.0



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

