

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038865.D
 Acq On : 8 Apr 2022 8:31
 Operator : SY/AP
 Sample : QC040722 CAN 10294
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040722 CAN 10294

Quant Time: Apr 11 01:10:59 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	5.69	49	1001574	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.20	114	2648840	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2313715	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1787598	10.19	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

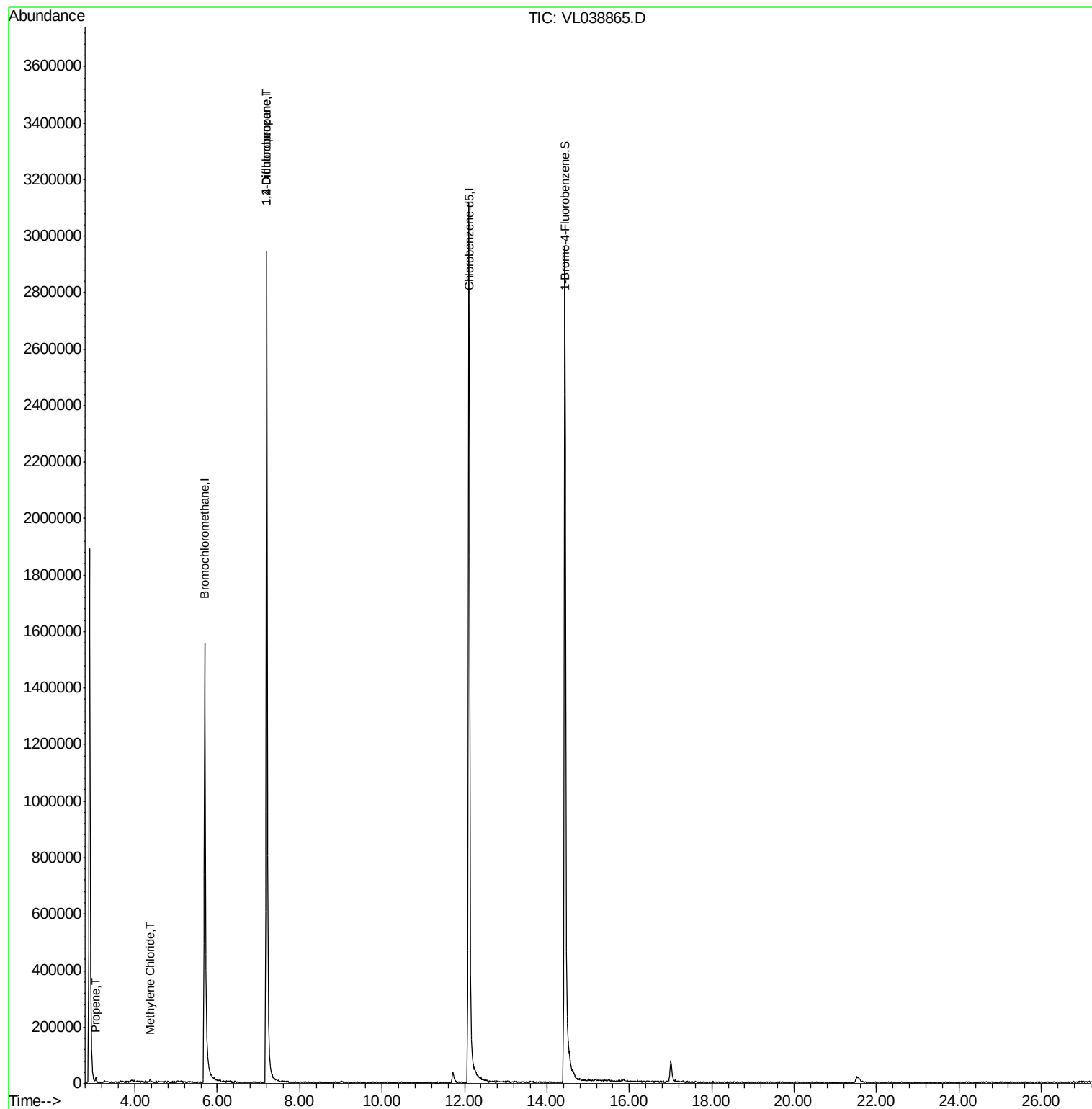
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	3357	0.052	ppbv #	61
20) Methylene Chloride	4.37	84	1261	0.035	ppbv #	75
39) 1,2-Dichloropropane	7.20	63	660475	7.166	ppbv #	26

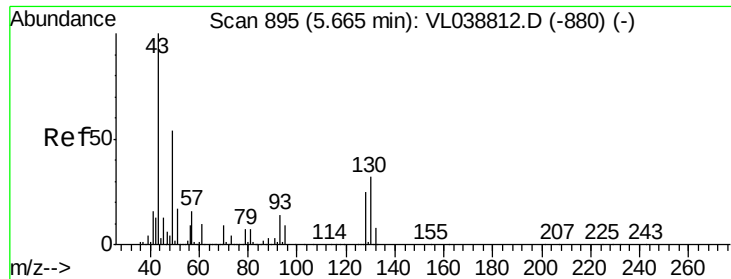
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QC040722 CAN 10294

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Apr 2022 8:31

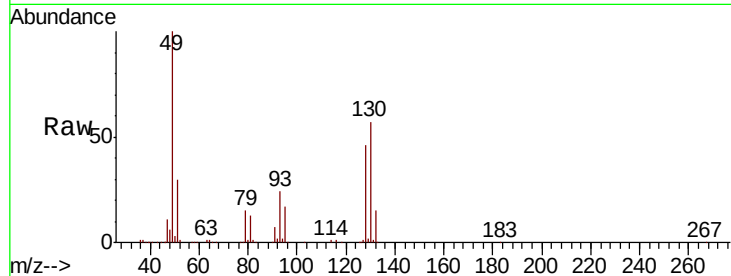
Tot Ion: 49 Resp: 1001574

Ion Ratio Lower Upper

49 100

128 47.8 24.1 72.3

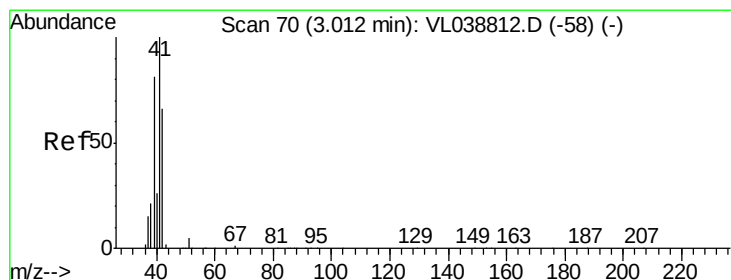
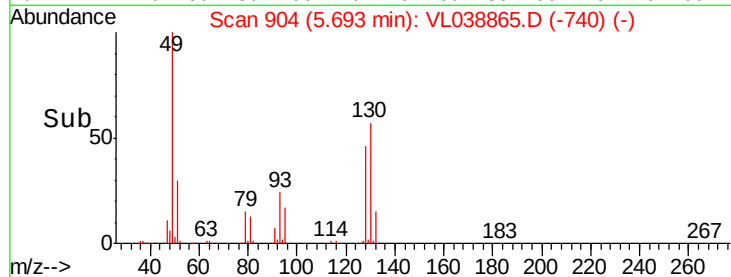
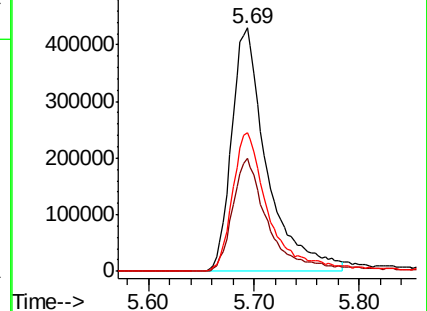
130 60.3 30.9 92.8



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: 0.052 ppbv

RT: 3.04 min Scan# 79

Delta R.T. 0.03 min

Lab File: VL038865.D

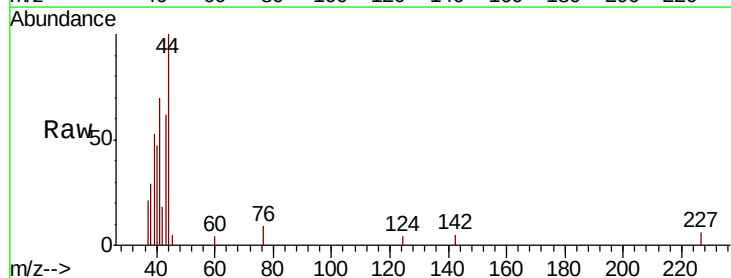
Acq: 8 Apr 2022 8:31

Tgt Ion: 41 Resp: 3357

Ion Ratio Lower Upper

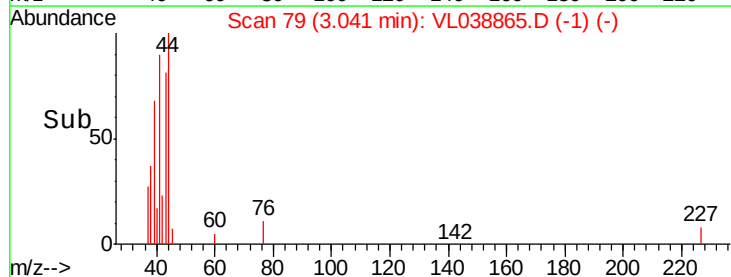
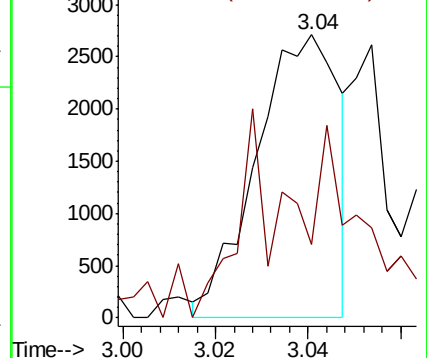
41 100

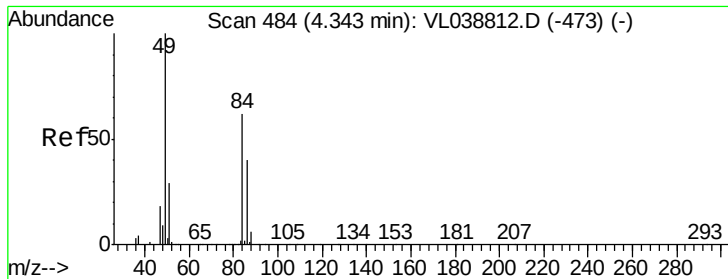
42 99.1 54.2 81.4#



Abundance Ion 41.10 (40.80 to 41.80): VL0

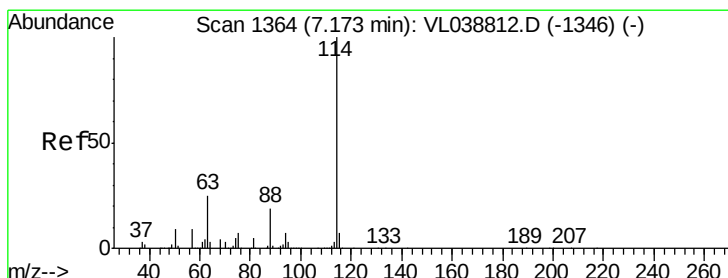
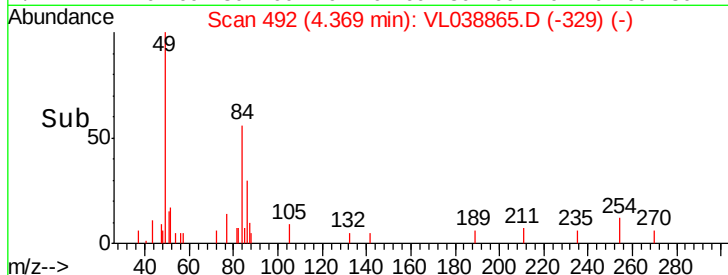
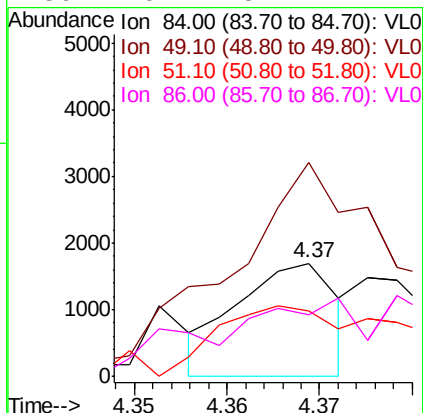
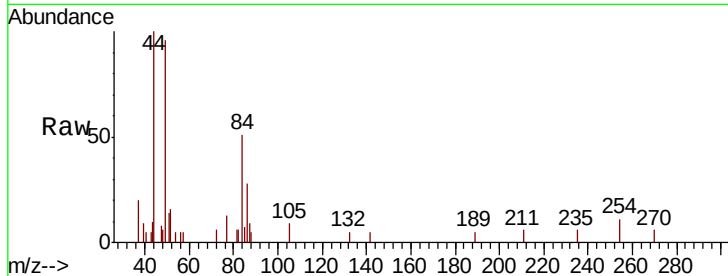
Ion 42.10 (41.80 to 42.80): VL0





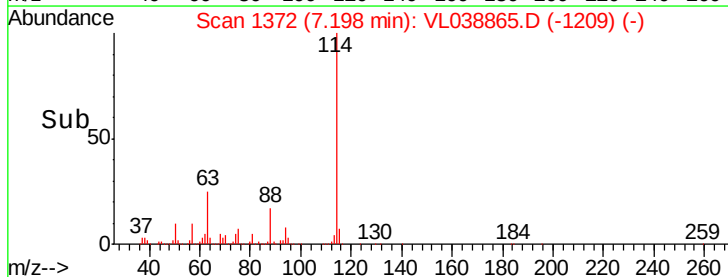
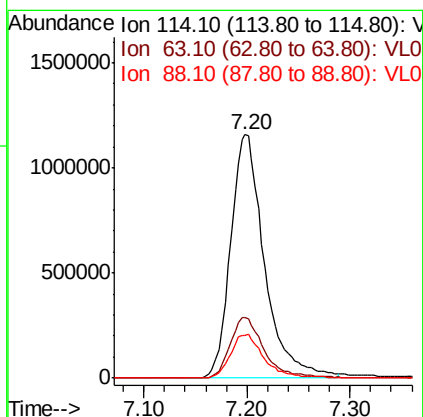
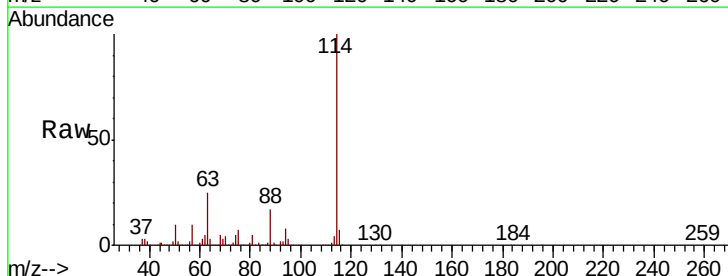
#20
Methvlene Chloride
Concen: 0.035 ppbv
RT: 4.37
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 8 Apr 2022 8:31

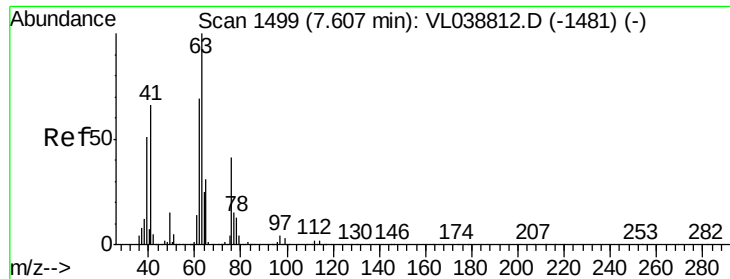
Tot Ion: 84 Resp: 1261
Ion Ratio Lower Upper
84 100
49 179.7 129.4 194.0
51 66.9 37.4 56.2#
86 26.2 51.4 77.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. 0.03 min
Lab File: VL038865.D
Acq: 8 Apr 2022 8:31

Tgt Ion: 114 Resp: 2648840
Ion Ratio Lower Upper
114 100
63 25.4 19.8 29.8
88 18.2 14.2 21.4





#39

1,2-Dichloropropane

Concen: 7.166 ppbv

RT: 7.20 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Apr 2022 8:31

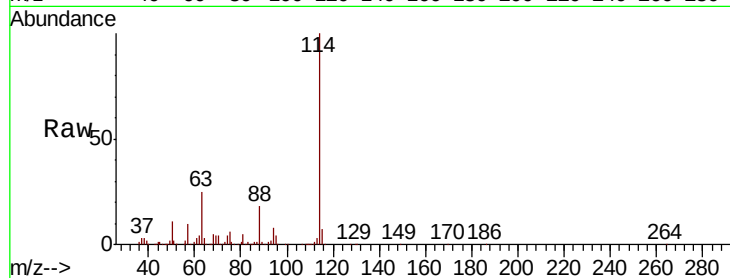
Tot Ion: 63 Resp: 660475

Ion Ratio Lower Upper

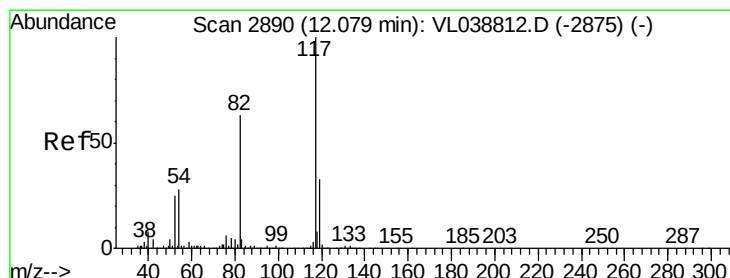
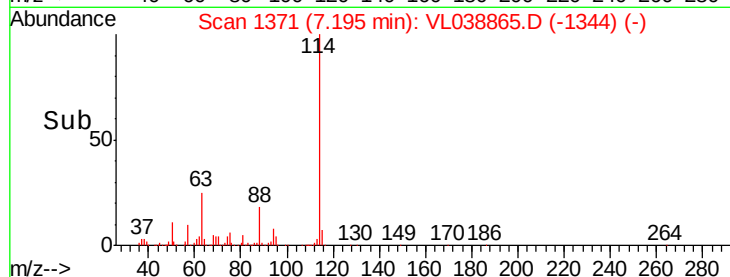
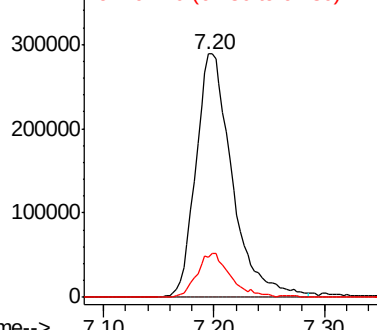
63 100

41 0.0 53.0 79.6#

62 16.4 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: 12.11 min Scan# 2899

Delta R.T. 0.03 min

Lab File: VL038865.D

Acq: 8 Apr 2022 8:31

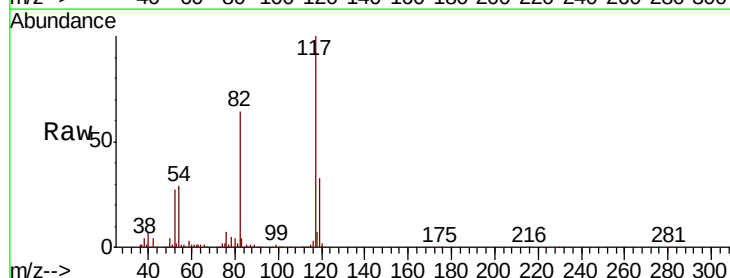
Tgt Ion: 117 Resp: 2313715

Ion Ratio Lower Upper

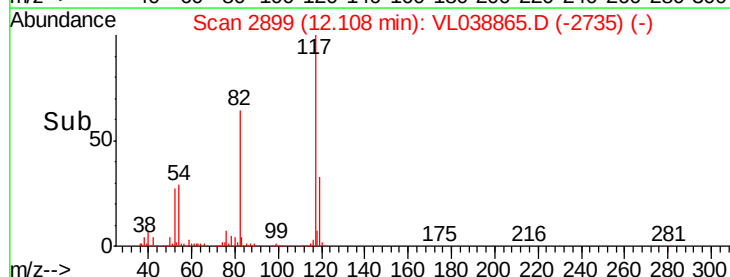
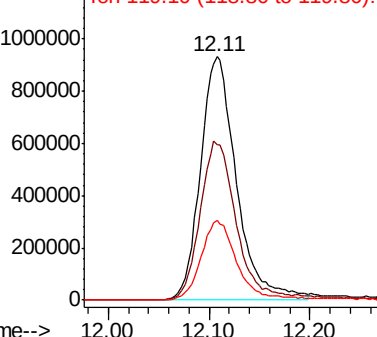
117 100

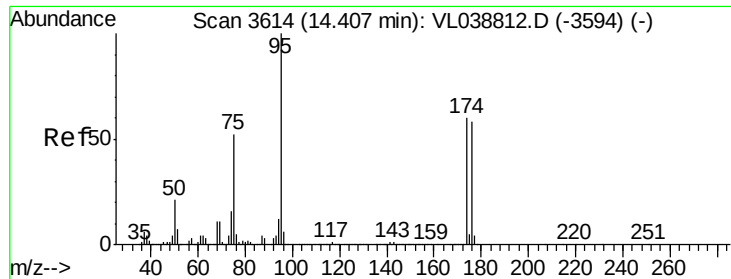
82 67.3 53.0 79.6

119 33.4 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: 10.186 ppbv

RT: 14.43

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 8:51

Tot Ion: 95 Resp: 1787598

Ion Ratio Lower Upper

95 100

174 62.4 52.0 78.0

175 4.5 4.0 6.0

