

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050522\
 Data File : VL038985.D
 Acq On : 5 May 2022 23:12
 Operator : SY/AP
 Sample : QC042722 CAN 10607
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042722 CAN 10607

Quant Time: May 06 07:30:25 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 07:41:27 2022
 QLast Update : Thu May 05 07:41:27 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	988568	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2262148	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	1890436	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1547405	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

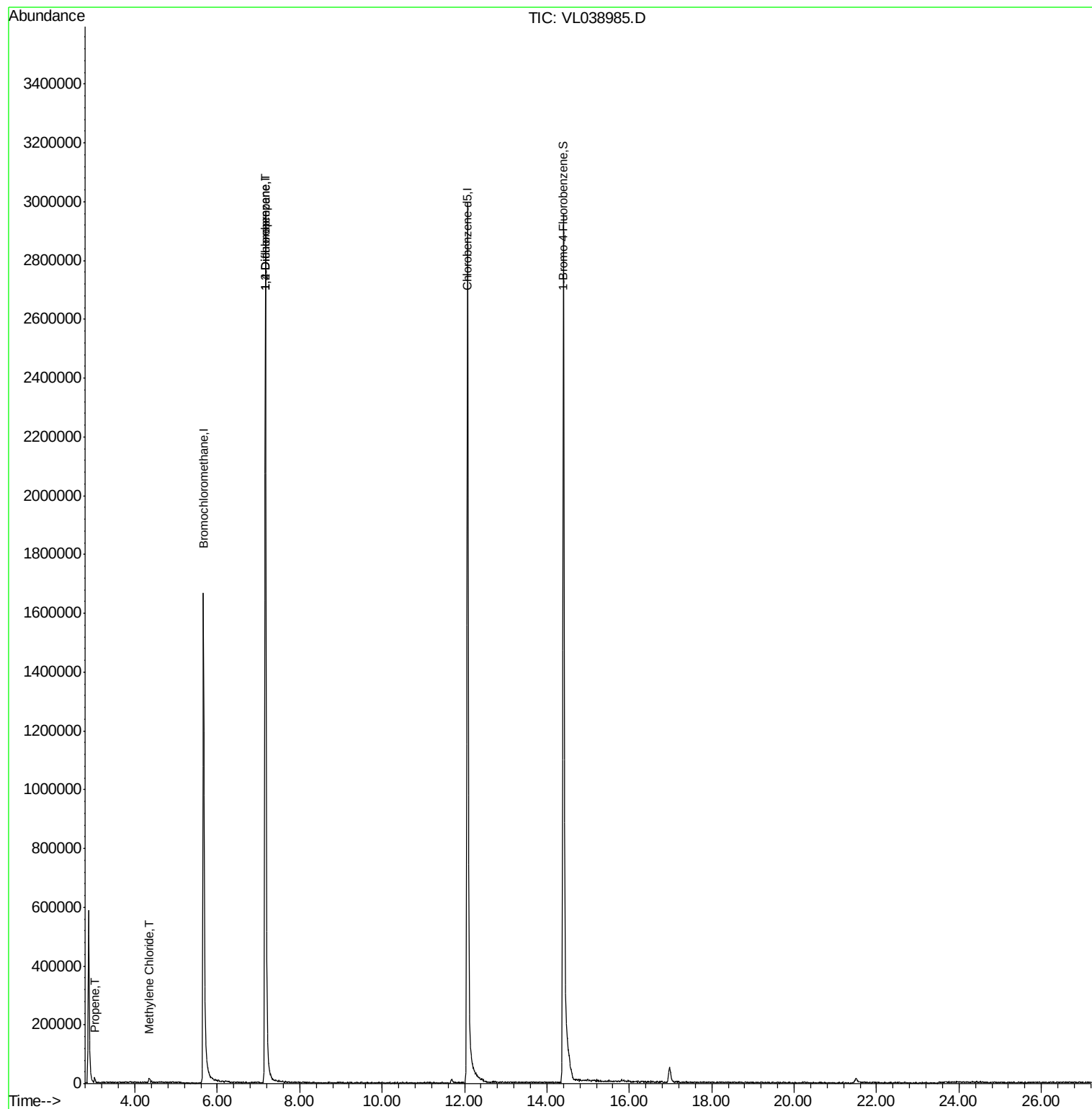
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	3345	0.062	ppbv	99
20) Methylene Chloride	4.34	84	2298	0.065	ppbv #	84
39) 1,2-Dichloropropane	7.17	63	666197	8.844	ppbv #	27

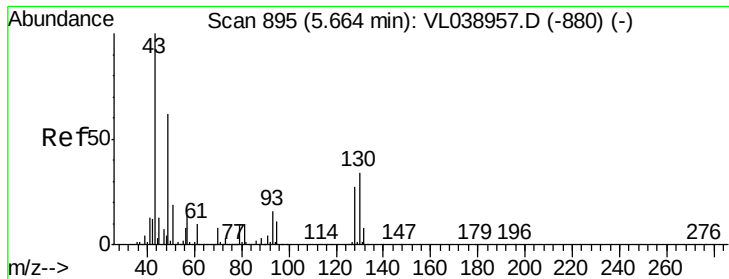
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: OC042722 CAN 10607

Acq: 5 May 2022 23:12

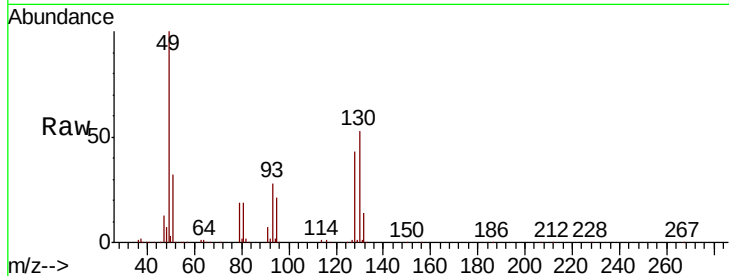
Tot Ion: 49 Resp: 988568

Ion Ratio Lower Upper

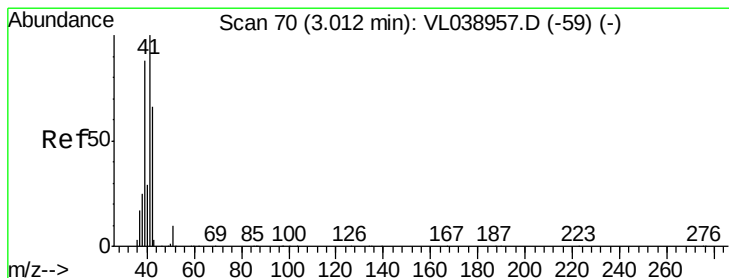
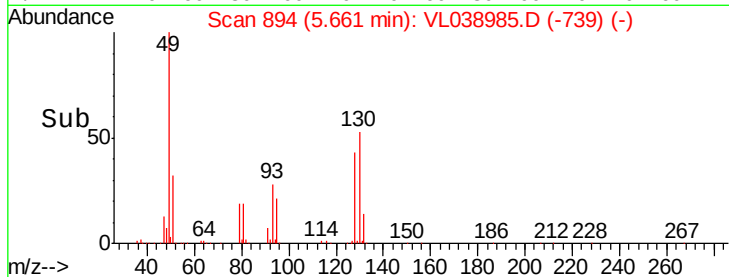
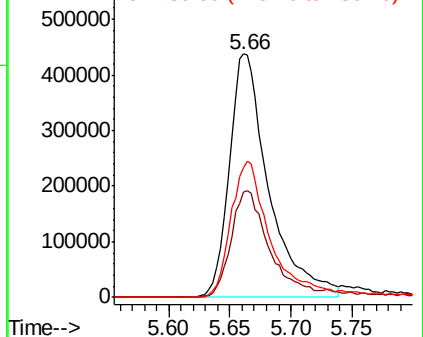
49 100

128 46.2 23.3 69.8

130 58.9 29.8 89.3



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: 0.062 ppbv

RT: 3.02 min Scan# 74

Delta R.T. 0.01 min

Lab File: VL038985.D

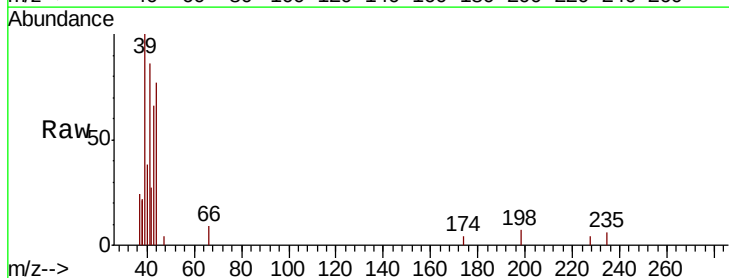
Acq: 5 May 2022 23:12

Tgt Ion: 41 Resp: 3345

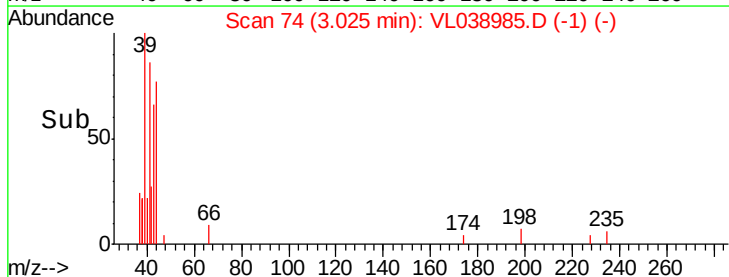
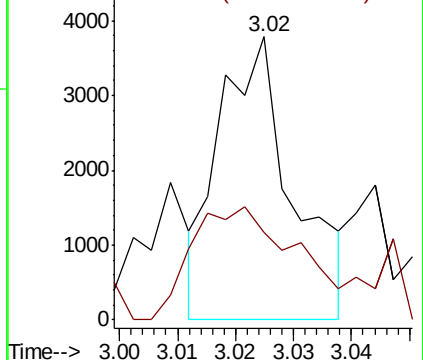
Ion Ratio Lower Upper

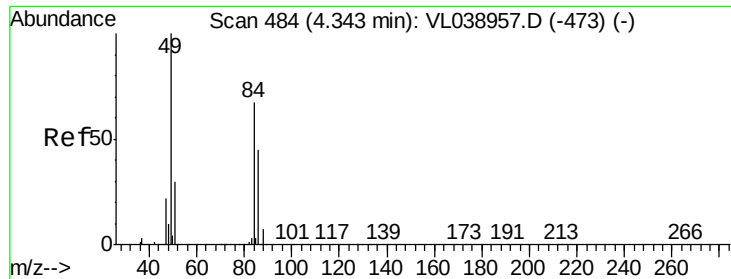
41 100

42 72.3 58.3 87.5



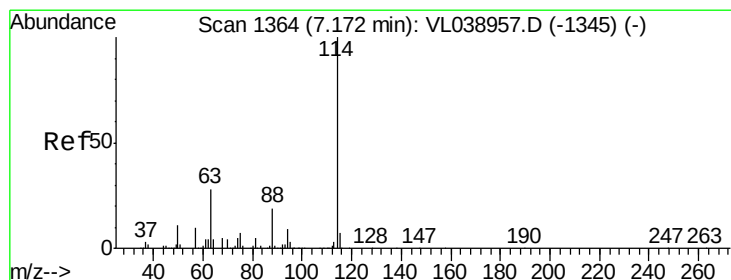
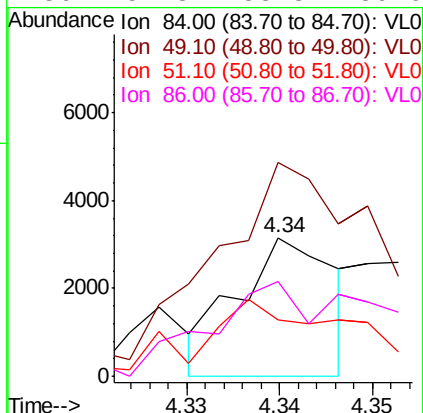
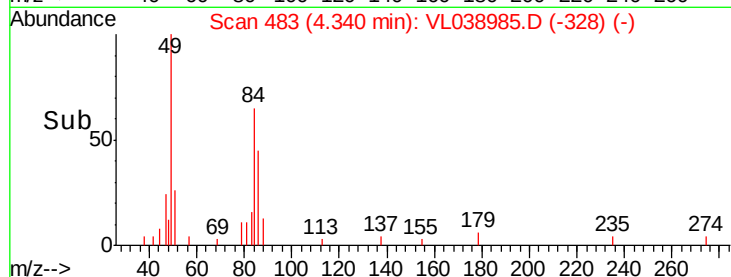
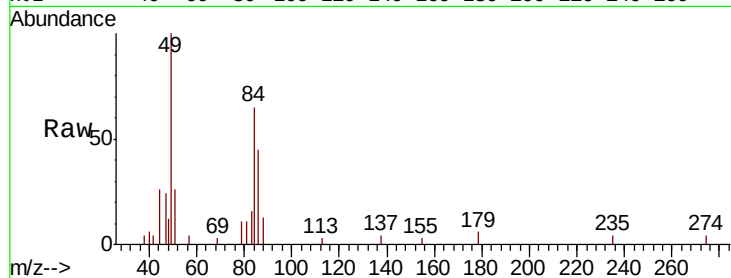
Abundance Ion 41.10 (40.80 to 41.80): VL0
Ion 42.10 (41.80 to 42.80): VL0





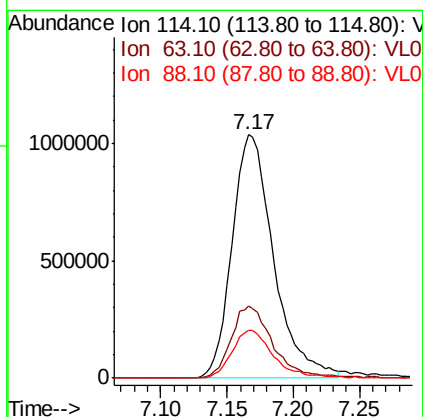
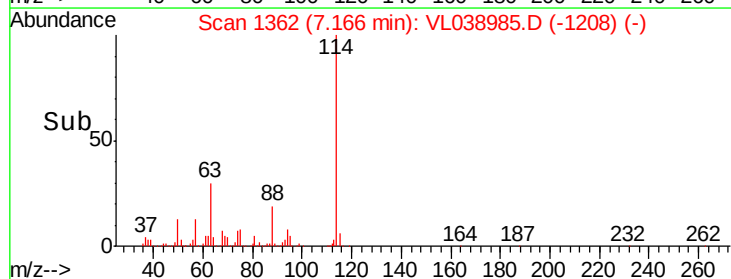
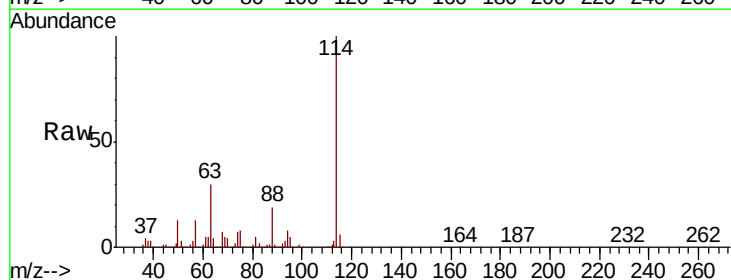
#20
Methylene Chloride
Concen: 0.065 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 5 May 2022 23:12
QC042722 CAN 10607

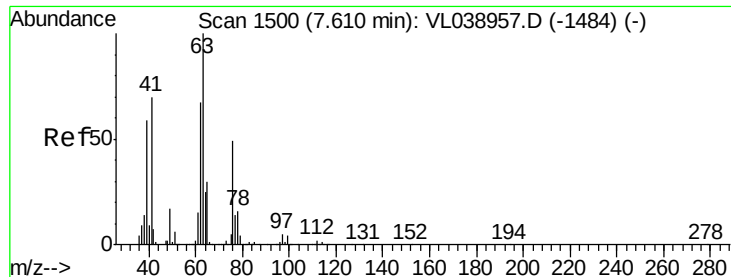
Tot Ion: 84 Resp: 2298
Ion Ratio Lower Upper
84 100
49 125.5 119.9 179.9
51 44.9 35.7 53.5
86 51.8 53.8 80.6#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL038985.D
Acq: 5 May 2022 23:12

Tgt Ion: 114 Resp: 2262148
Ion Ratio Lower Upper
114 100
63 30.2 22.6 33.8
88 20.0 15.4 23.0





#39

1,2-Dichloropropane

Concen: 8.844 ppbv

RT: 7.17 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 5 May 2022 23:12 QC042722 CAN 10607

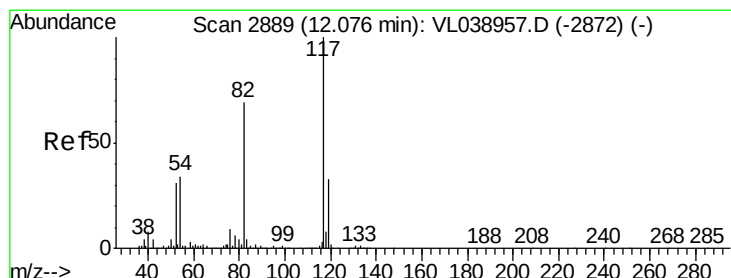
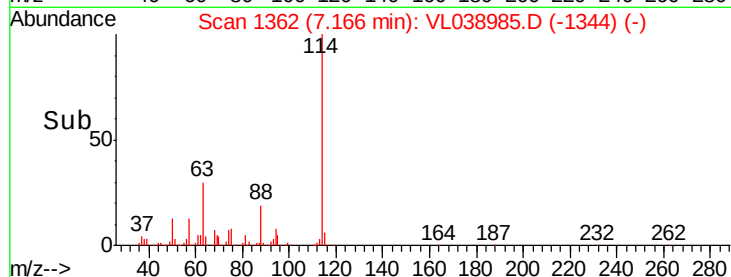
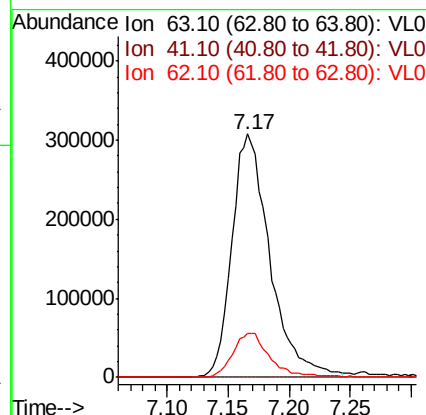
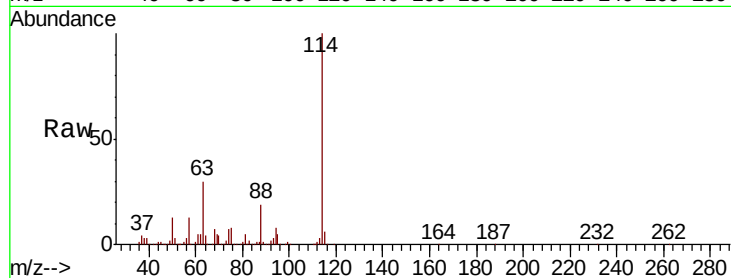
Tot Ion: 63 Resp: 666197

Ion Ratio Lower Upper

63 100

41 0.2 55.9 83.9#

62 17.9 53.8 80.6#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.07 min Scan# 2888

Delta R.T. -0.00 min

Lab File: VL038985.D

Acq: 5 May 2022 23:12

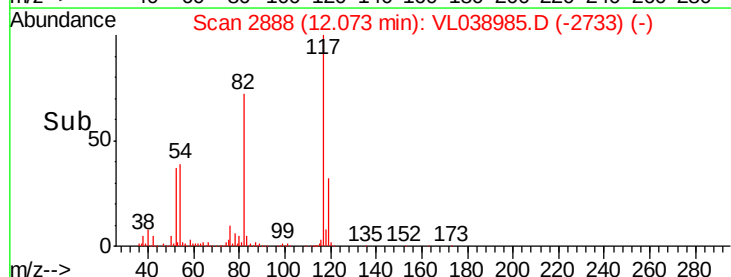
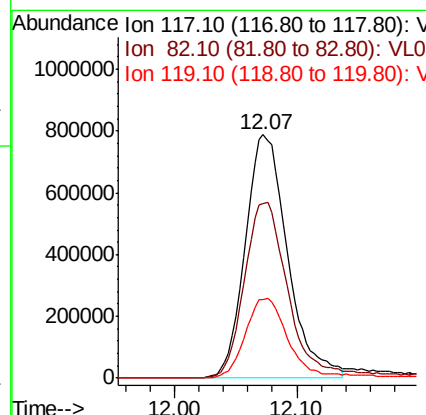
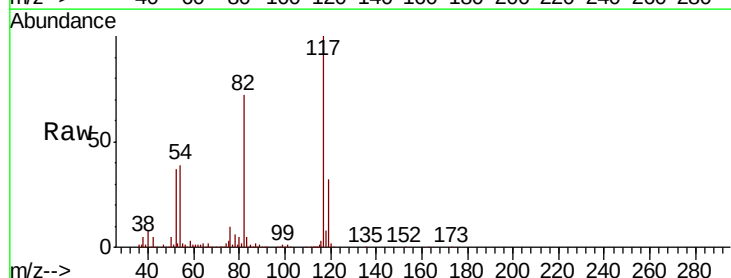
Tgt Ion: 117 Resp: 1890436

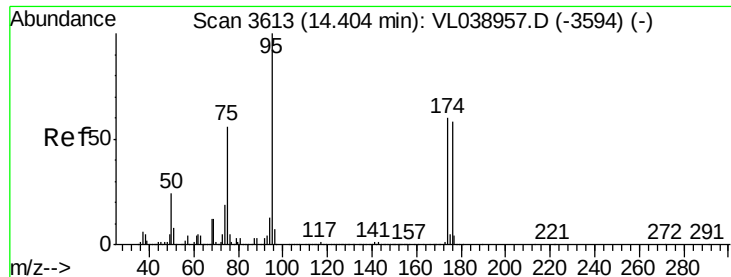
Ion Ratio Lower Upper

117 100

82 78.9 57.0 85.6

119 35.0 27.2 40.8





#68

1-Bromo-4-Fluorobenzene

Concen: 10.336 ppbv

RT: 14.40

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 5 May 2022 23:12

Tot Ion: 95 Resp: 1547405

Ion Ratio Lower Upper

95 100

174 63.3 50.8 76.2

175 4.3 3.8 5.6

