

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038537.D
 Acq On : 4 Mar 2022 17:06
 Operator : SY/AP
 Sample : CAN 10285
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:59:12 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	5.64	49	974026	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	2280586	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	1862477	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1485697	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

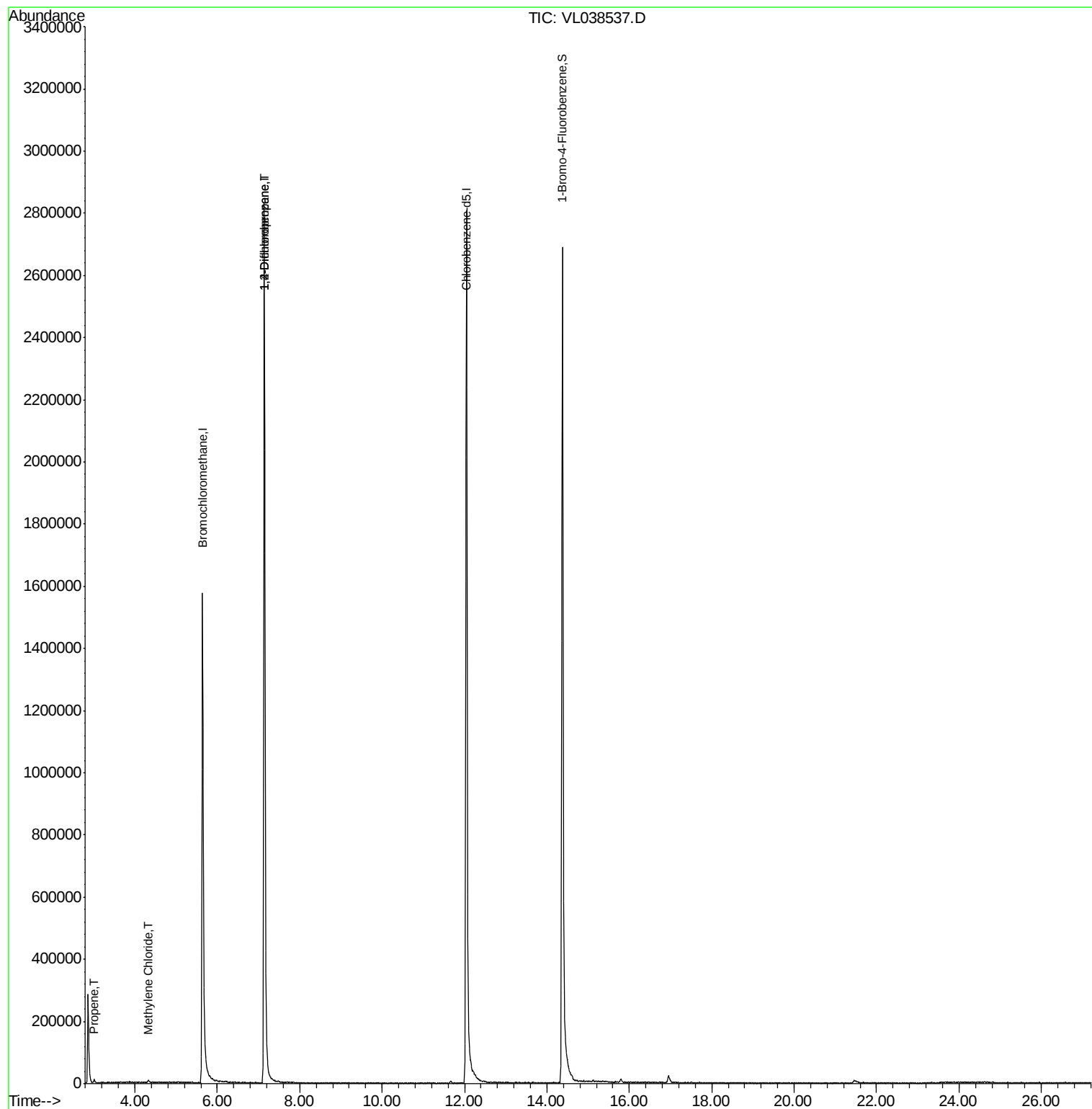
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	2815	0.050	ppbv	94
20) Methylene Chloride	4.32	84	2003	0.049	ppbv #	38
39) 1,2-Dichloropropane	7.14	63	622515	7.784	ppbv #	25

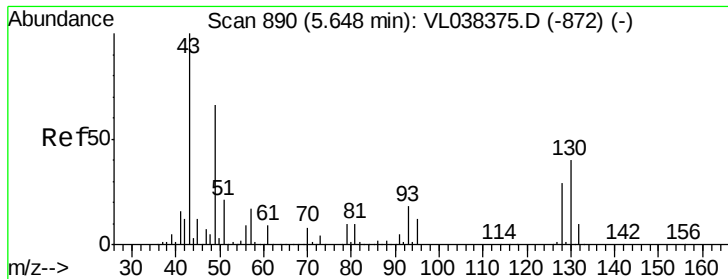
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 17:00

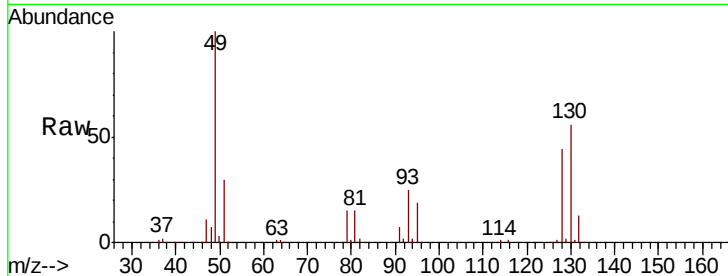
Tot Ion: 49 Resp: 974026

Ion Ratio Lower Upper

49 100

128 46.5 24.3 72.9

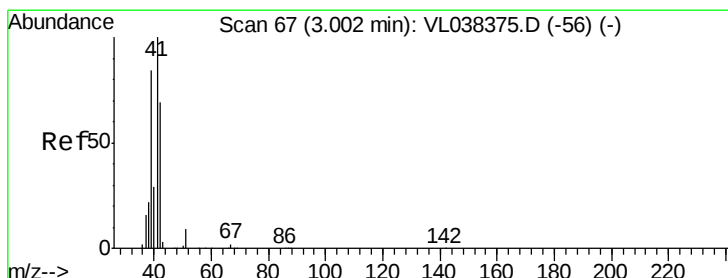
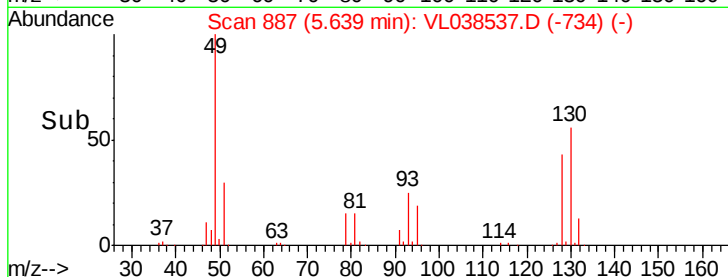
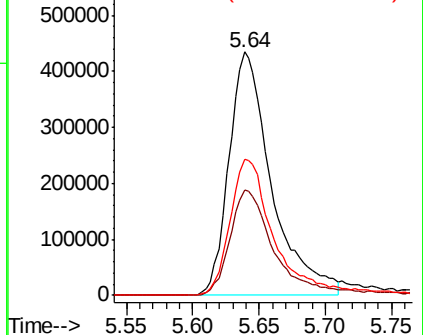
130 58.7 30.1 90.5



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



#9

Propene

Concen: 0.050 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL038537.D

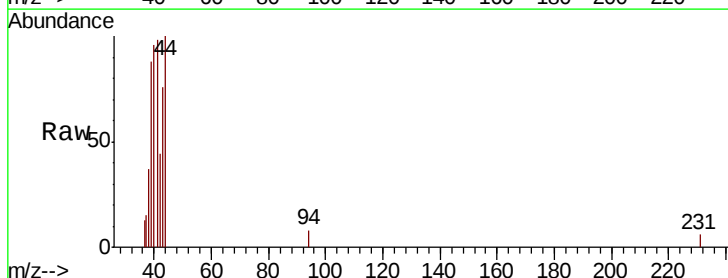
Acq: 4 Mar 2022 17:06

Tgt Ion: 41 Resp: 2815

Ion Ratio Lower Upper

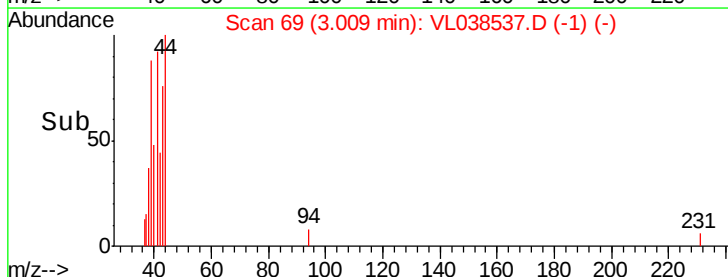
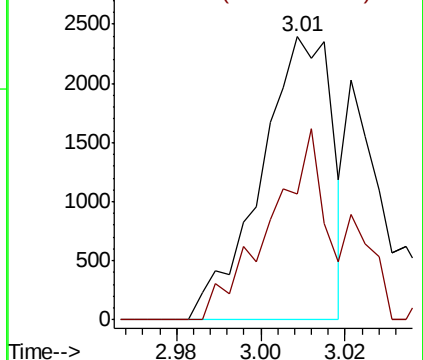
41 100

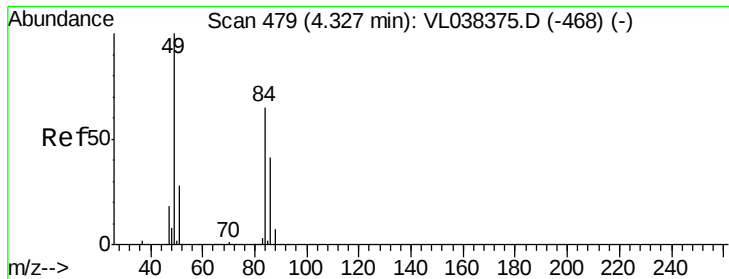
42 73.0 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

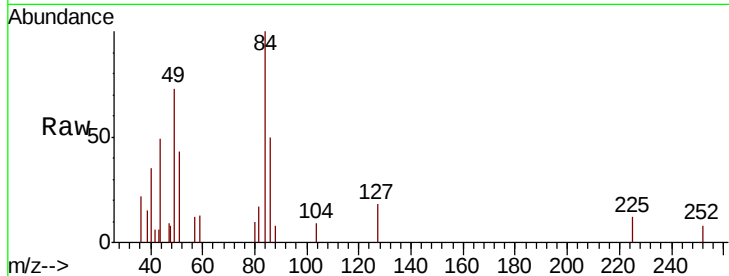
Ion 42.10 (41.80 to 42.80): VL0



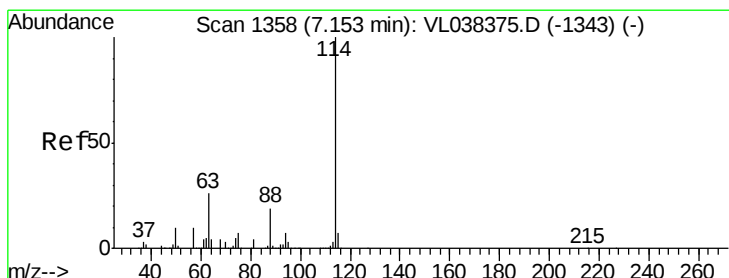
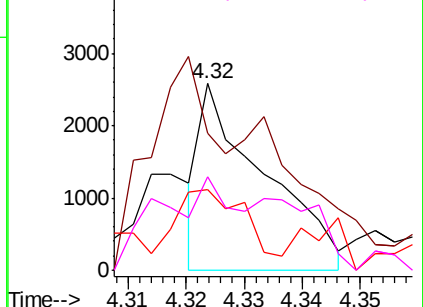
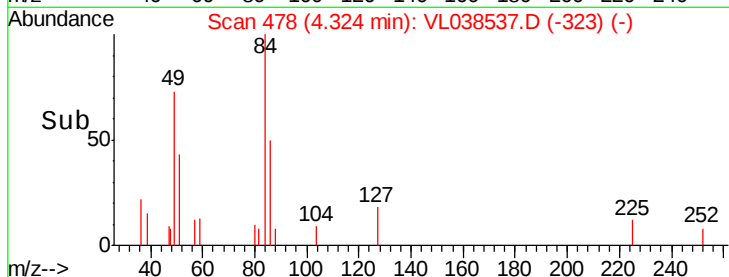


#20
Methvlene Chloride
Concen: 0.049 ppbv
RT: 4.32 Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Mar 2022 17:00

Tot Ion: 84 Resp: 2003
Ion Ratio Lower Upper
84 100
49 44.5 122.4 183.6#
51 16.4 33.3 49.9#
86 46.4 50.7 76.1#

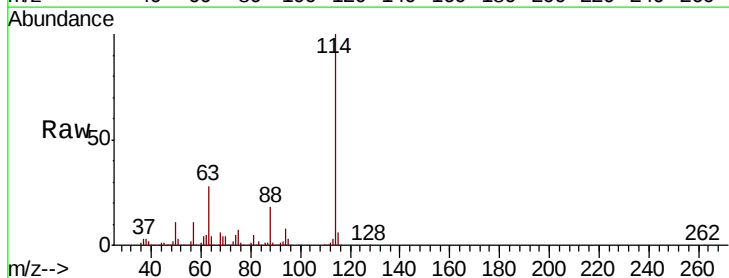


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

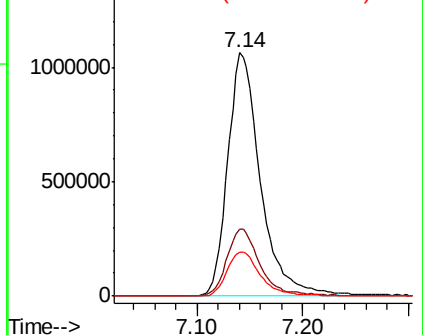
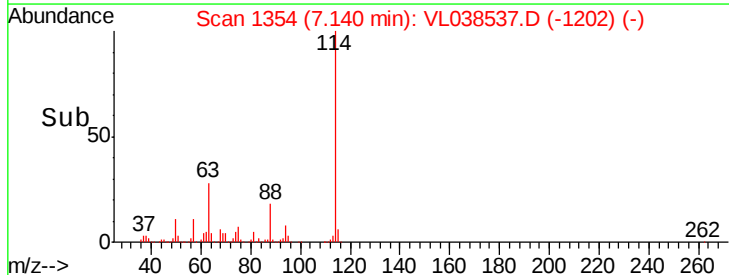


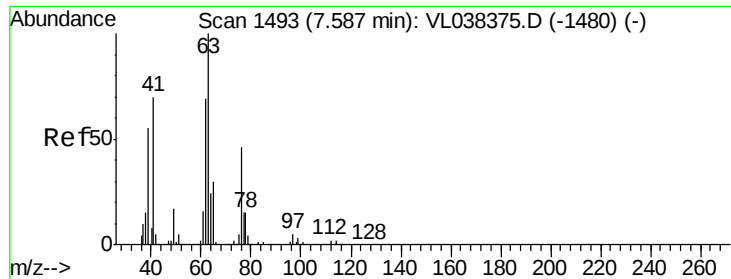
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL038537.D
Acq: 4 Mar 2022 17:06

Tgt Ion: 114 Resp: 2280586
Ion Ratio Lower Upper
114 100
63 28.2 22.2 33.2
88 19.0 15.2 22.8



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





#39

1,2-Dichloropropane

Concen: 7.784 ppbv

RT: 7.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 17:06

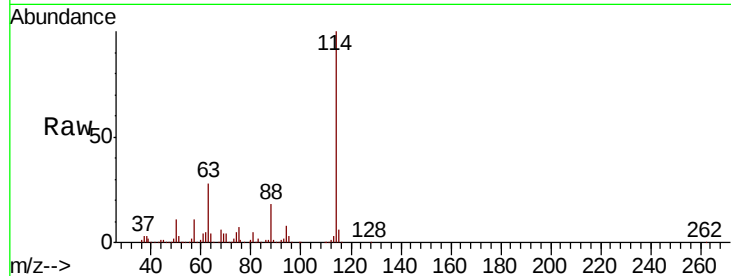
Tot Ion: 63 Resp: 622515

Ion Ratio Lower Upper

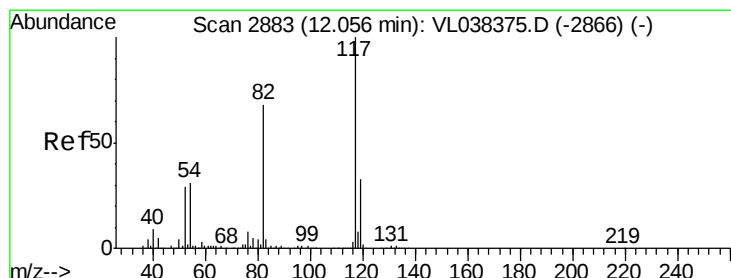
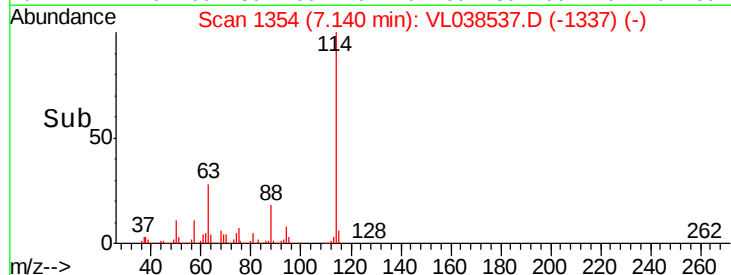
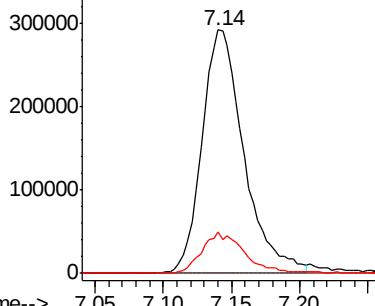
63 100

41 0.1 56.1 84.1#

62 17.1 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: 10.000 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.01 min

Lab File: VL038537.D

Acq: 4 Mar 2022 17:06

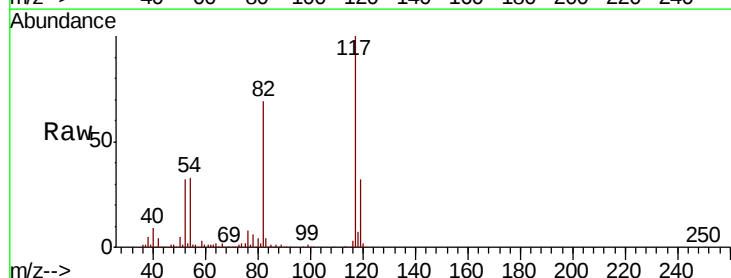
Tgt Ion: 117 Resp: 1862477

Ion Ratio Lower Upper

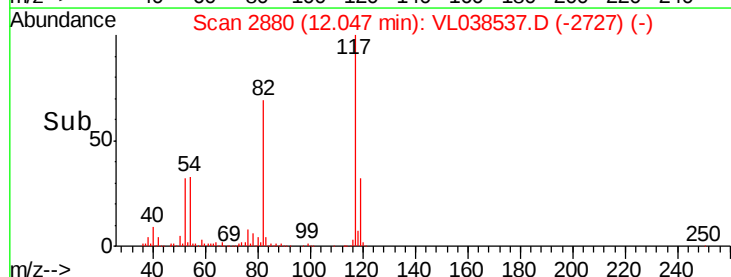
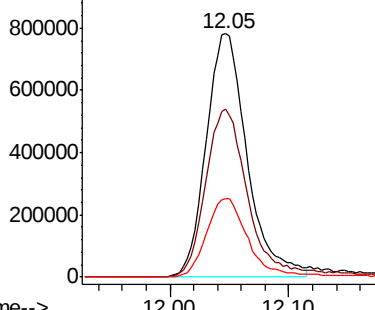
117 100

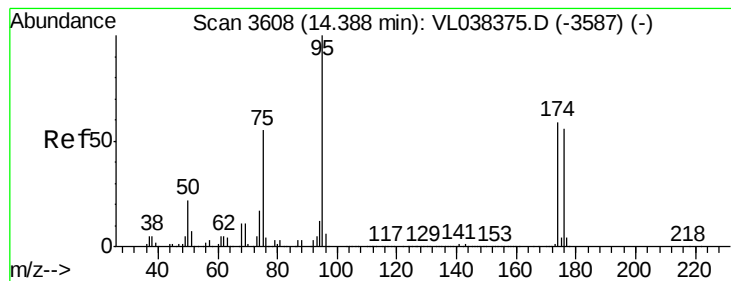
82 75.0 54.9 82.3

119 33.2 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: 9.641 ppbv

RT: 14.38

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 17:00

Tot Ion: 95 Resp: 1485697

Ion Ratio Lower Upper

95 100

174 60.2 49.0 73.4

175 4.4 3.6 5.4

