

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030222\
 Data File : VL038493.D
 Acq On : 2 Mar 2022 22:15
 Operator : SY/AP
 Sample : CAN 10794
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10794

Quant Time: Mar 03 00:09:07 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	5.67	49	861421	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	2245573	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1921001	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1573893	9.90	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

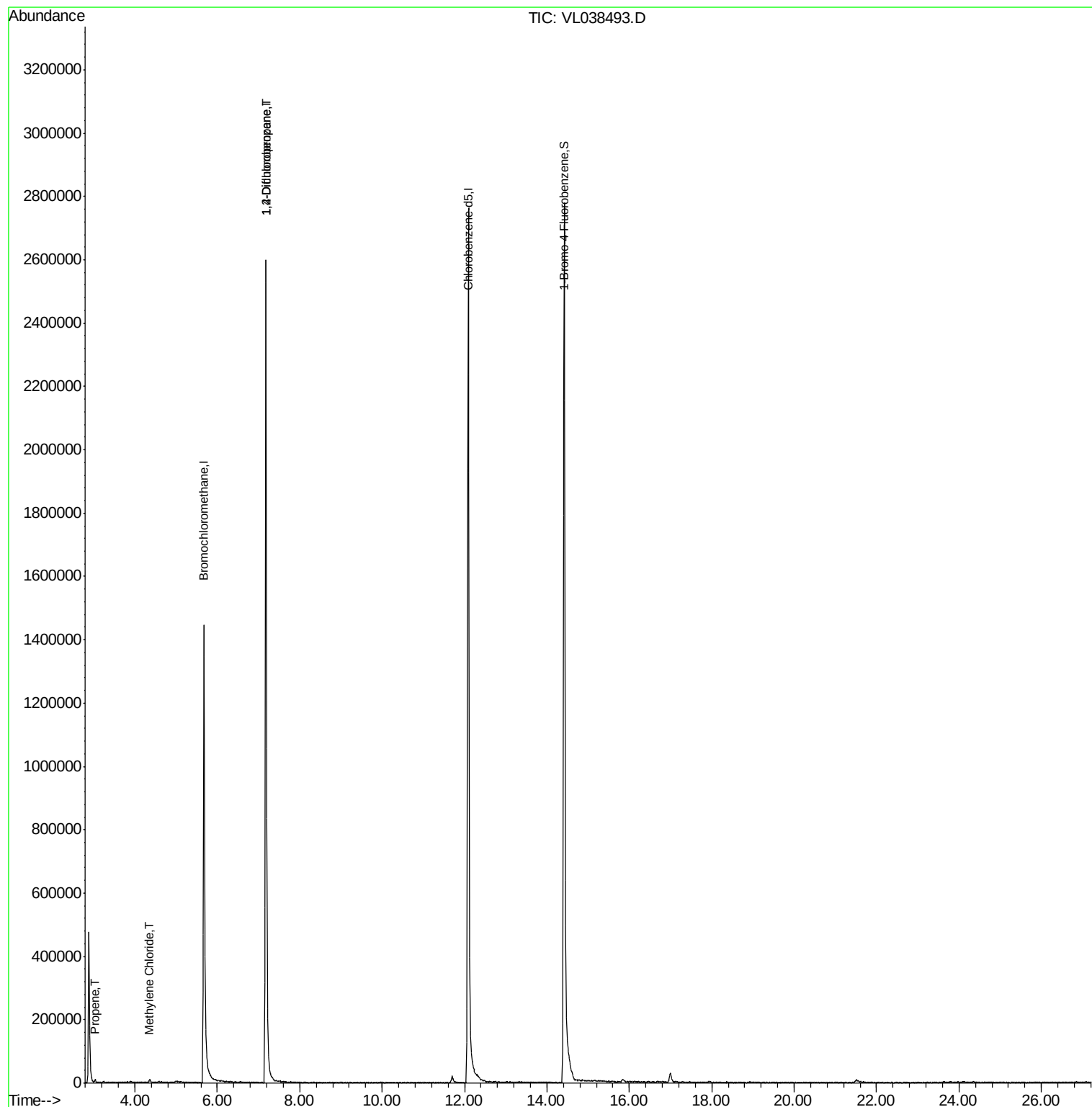
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	2978	0.06	ppbv	93
20) Methylene Chloride	4.36	84	3057	0.08	ppbv #	59
39) 1,2-Dichloropropane	7.18	63	562108	7.14	ppbv #	25

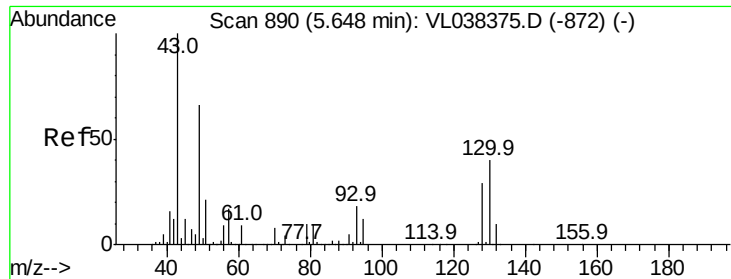
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 22:15

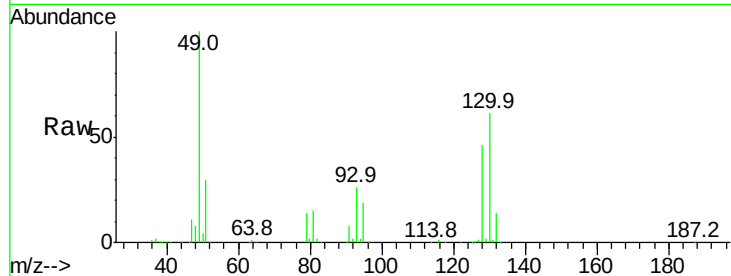
Tgt Ion: 49 Resp: 861421

Ion Ratio Lower Upper

49 100

128 50.4 24.3 72.9

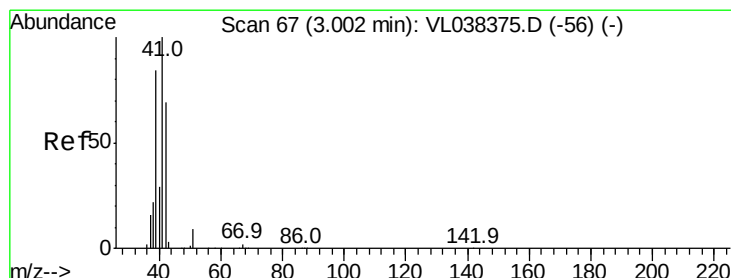
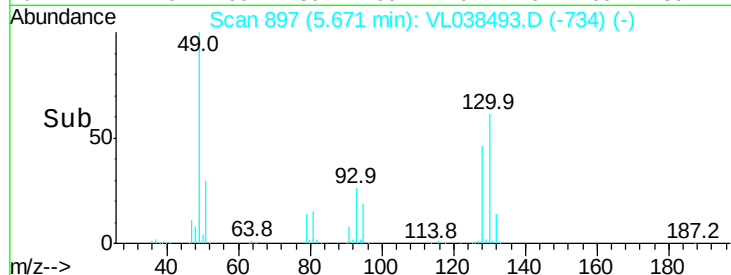
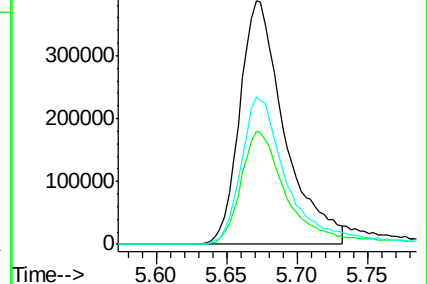
130 65.4 30.1 90.5



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



#9

Propene

Concen: 0.06 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.03 min

Lab File: VL038493.D

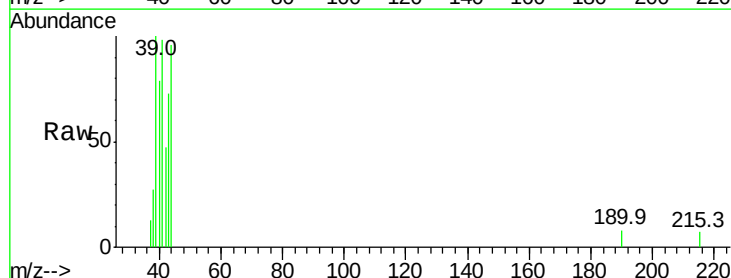
Acq: 2 Mar 2022 22:15

Tgt Ion: 41 Resp: 2978

Ion Ratio Lower Upper

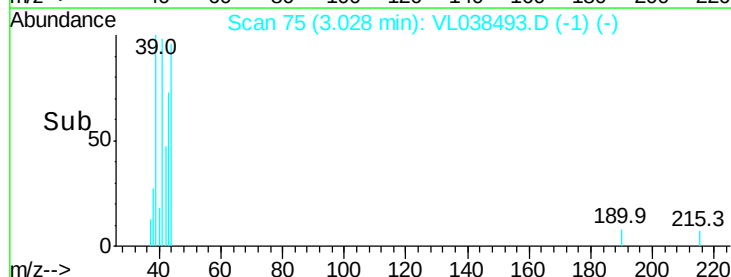
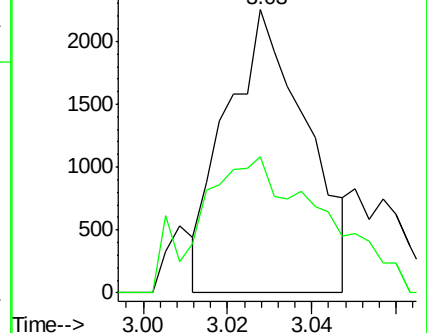
41 100

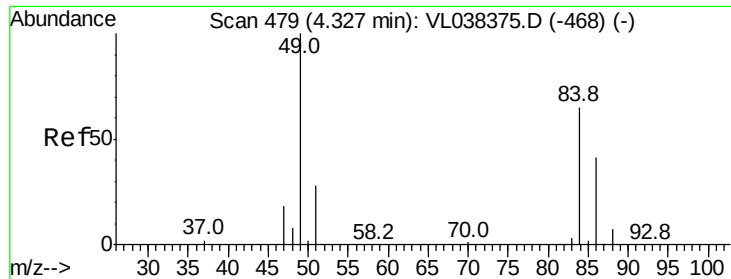
42 74.1 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

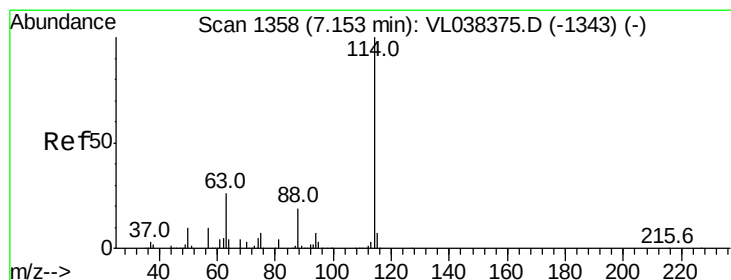
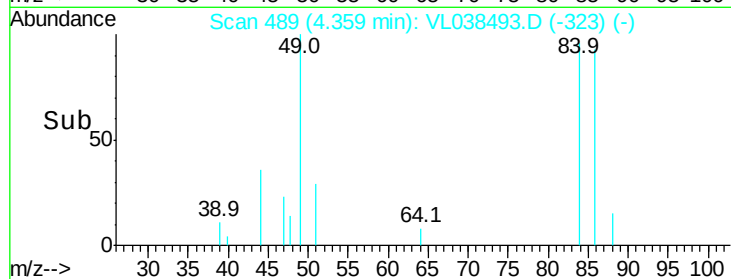
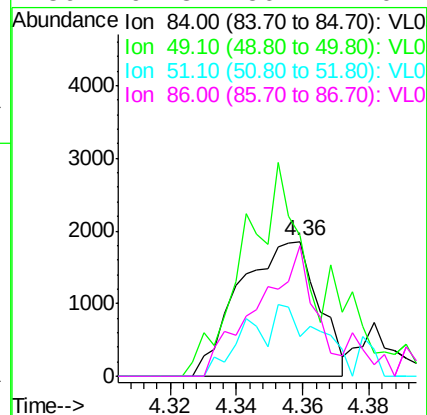
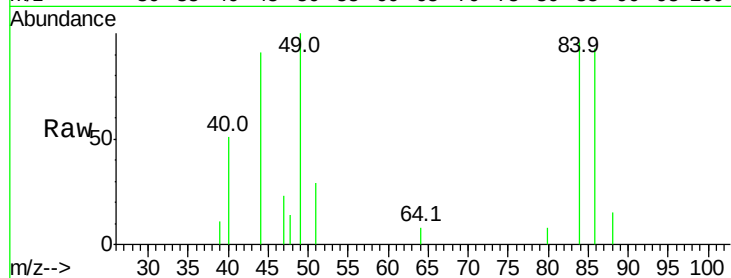
Ion 42.10 (41.80 to 42.80): VL0





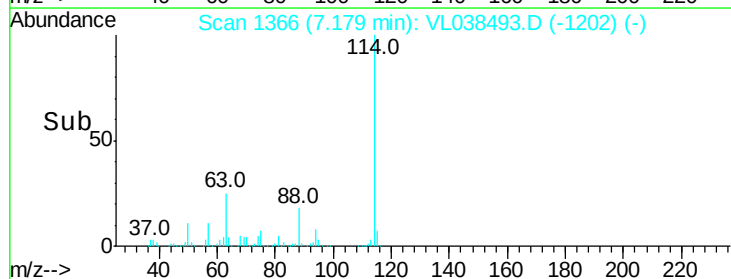
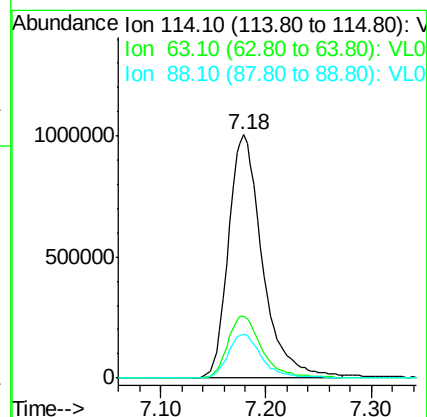
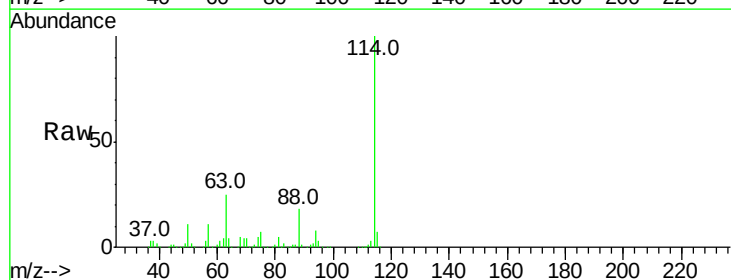
#20
Methylene Chloride
Concen: 0.08 ppbv
RT: 4.36
Delta R.T. MSVOA_L
Lab File: ClientSampleId :
Acq: 2 Mar 2022 22:15

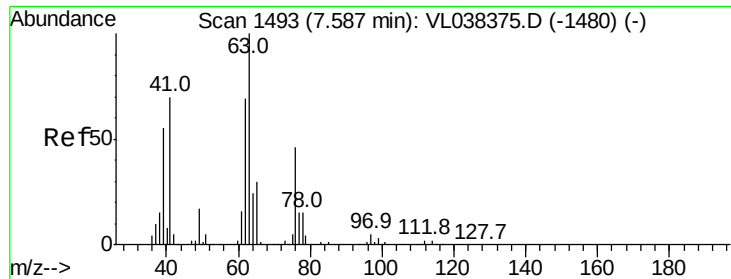
Tgt Ion:	84	Resp:	3057
Ion	Ratio	Lower	Upper
84	100		
49	94.3	122.4	183.6#
51	29.8	33.3	49.9#
86	97.3	50.7	76.1#



#33
1,4-Difluorobenzene
Concen: 10.00 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.03 min
Lab File: VL038493.D
Acq: 2 Mar 2022 22:15

Tgt Ion:	114	Resp:	2245573
Ion	Ratio	Lower	Upper
114	100		
63	26.3	22.2	33.2
88	18.4	15.2	22.8





#39

1,2-Dichloropropane

Concen: 7.14 ppbv

RT: 7.18 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 2 Mar 2022 22:15 CAN 10794

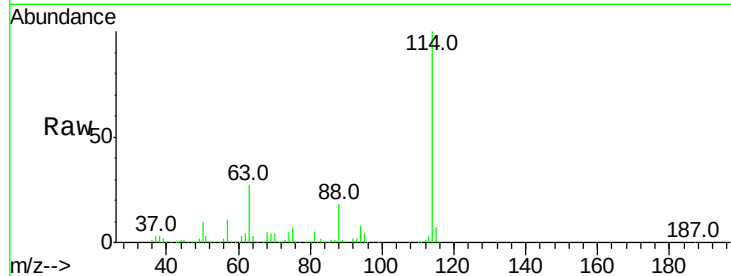
Tgt Ion: 63 Resp: 562108

Ion Ratio Lower Upper

63 100

41 0.1 56.1 84.1#

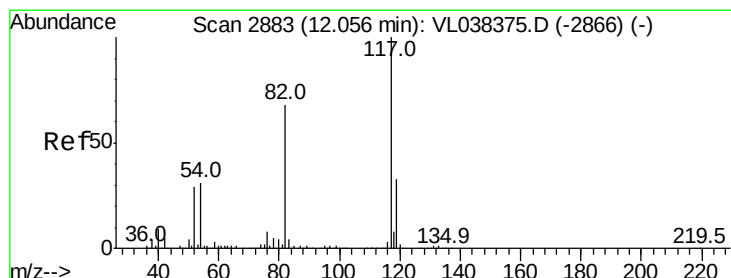
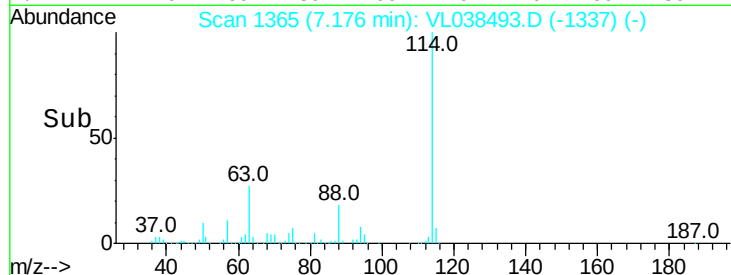
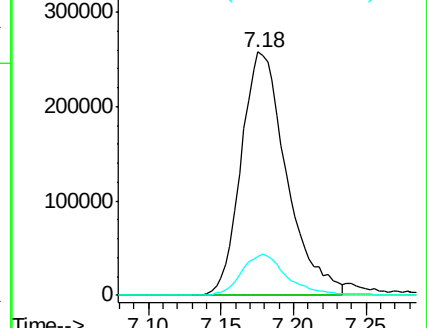
62 15.9 55.5 83.3#



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 Scan# 2893

Delta R.T. 0.03 min

Lab File: VL038493.D

Acq: 2 Mar 2022 22:15

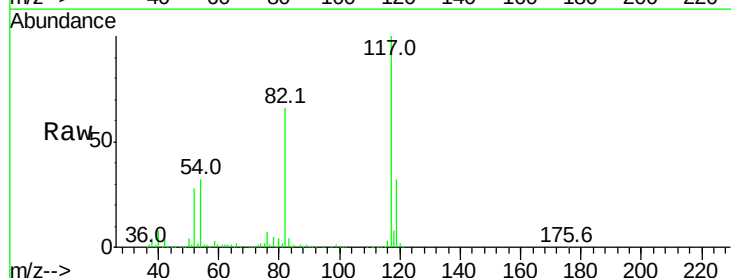
Tgt Ion: 117 Resp: 1921001

Ion Ratio Lower Upper

117 100

82 70.4 54.9 82.3

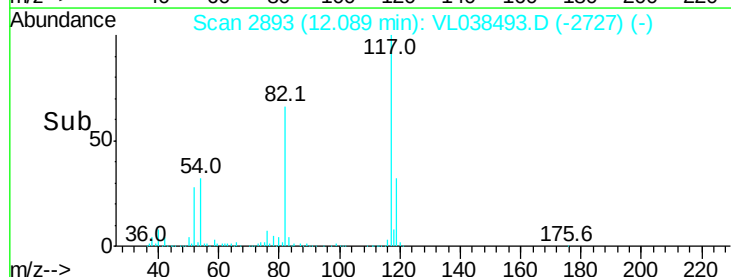
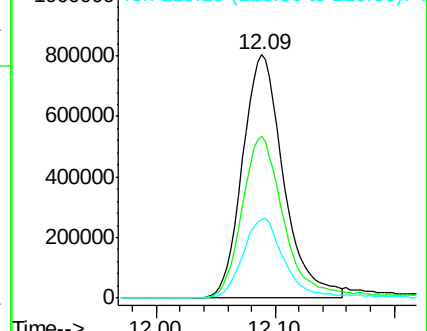
119 33.9 46.1 69.1#

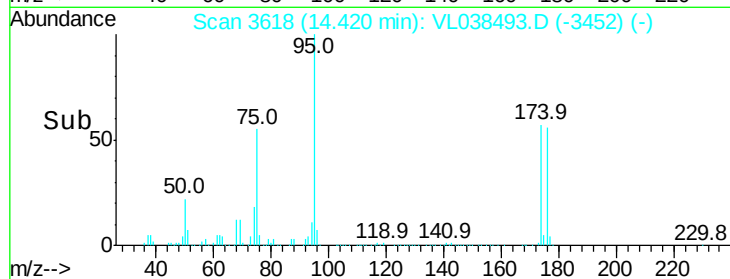
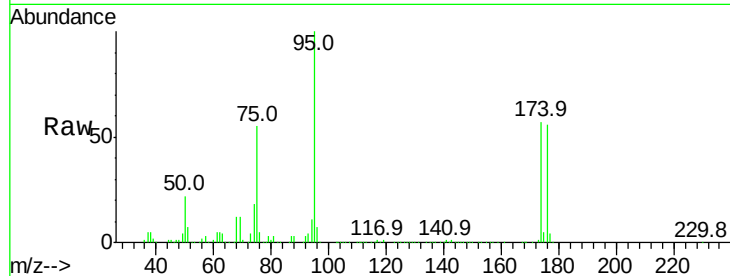
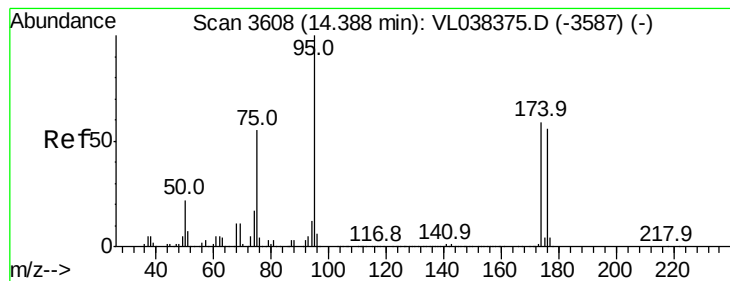


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.90 ppbv

RT: 14.42

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 2 Mar 2022 22:15

Tgt Ion: 95 Resp: 1573893

Ion Ratio Lower Upper

95 100

174 62.0 49.0 73.4

175 4.4 3.6 5.4

