

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030422\
 Data File : VL038538.D
 Acq On : 4 Mar 2022 17:43
 Operator : SY/AP
 Sample : CAN 10588
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 05 04:59:20 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	967110	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2230352	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.04	117	1861026	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.37	95	1425827	9.26	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.60%

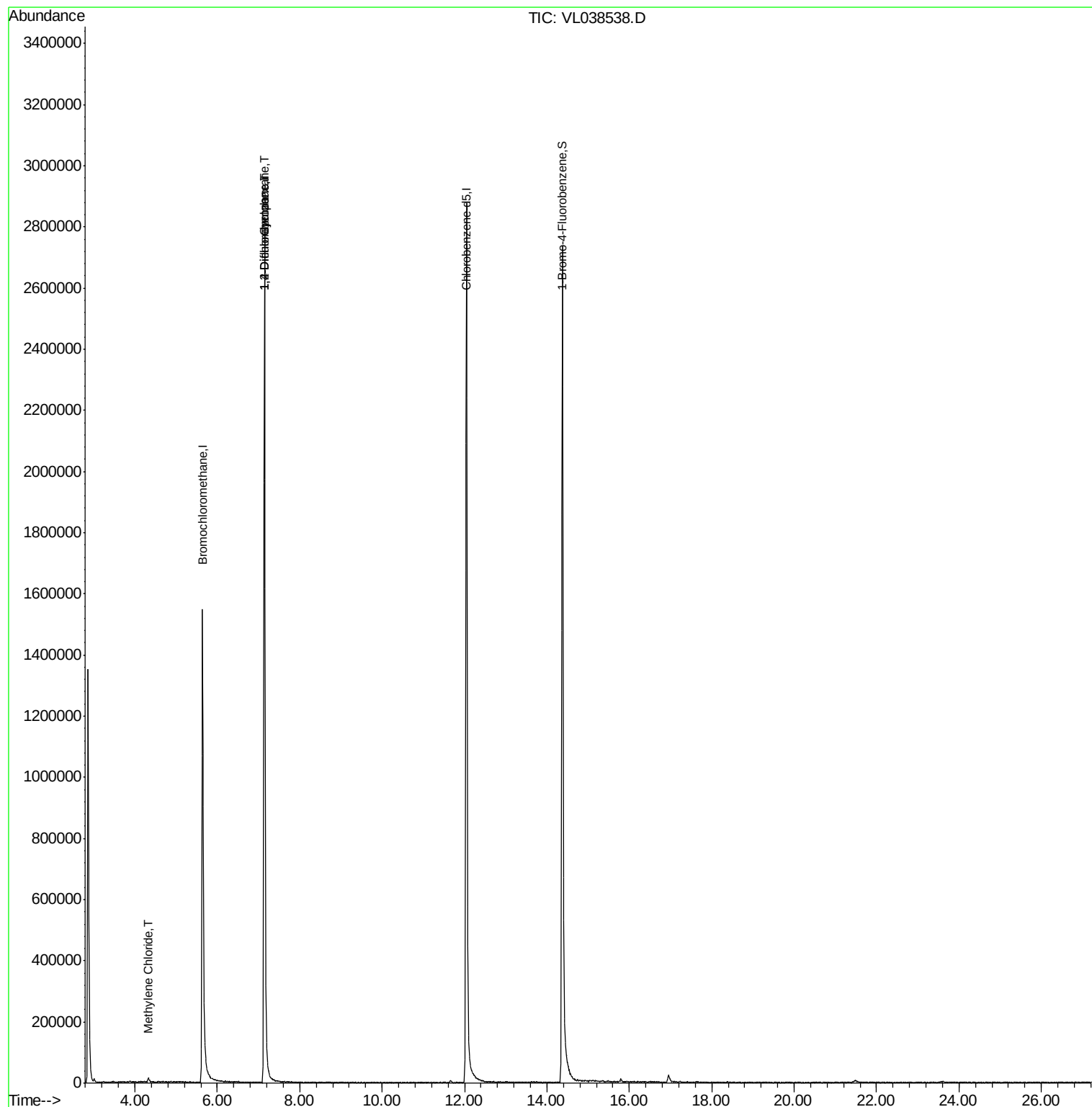
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.32	84	5118	0.126	ppbv #	64
30) Cyclohexane	7.13	84	3564	0.044	ppbv #	1
39) 1,2-Dichloropropane	7.14	63	612923	7.837	ppbv #	25

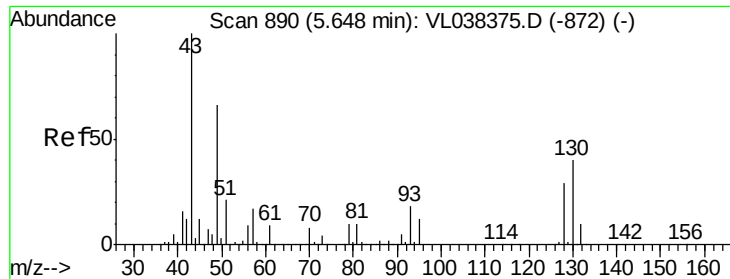
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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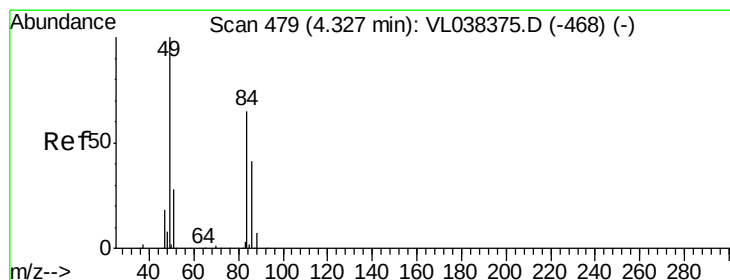
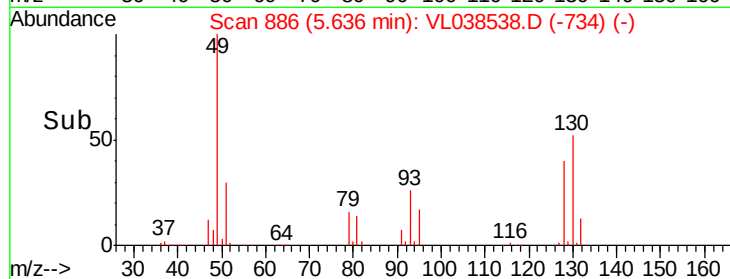
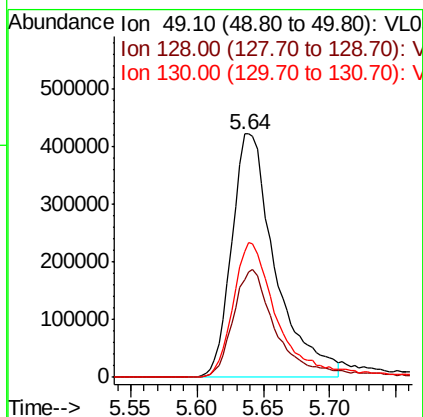
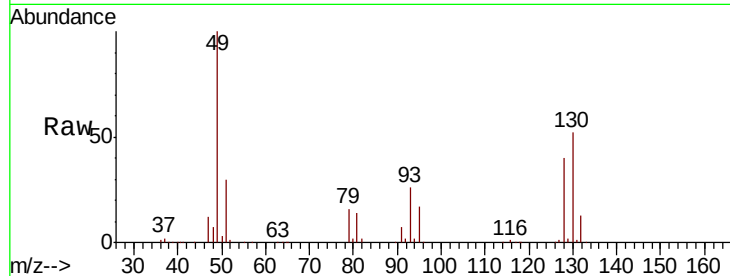
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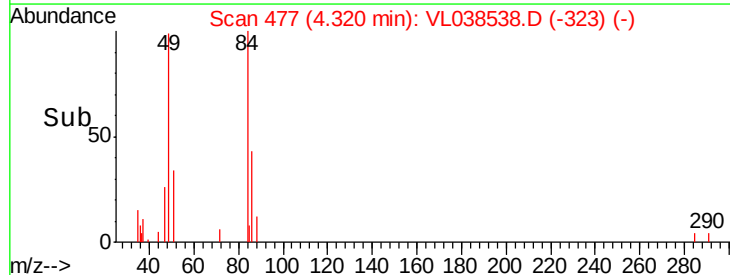
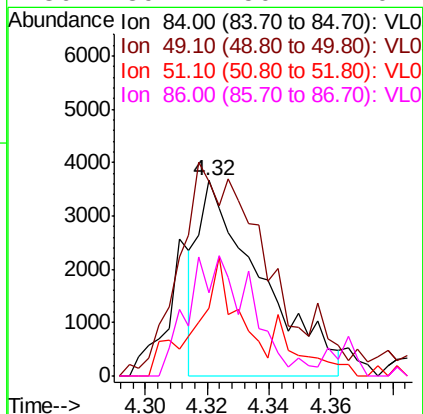
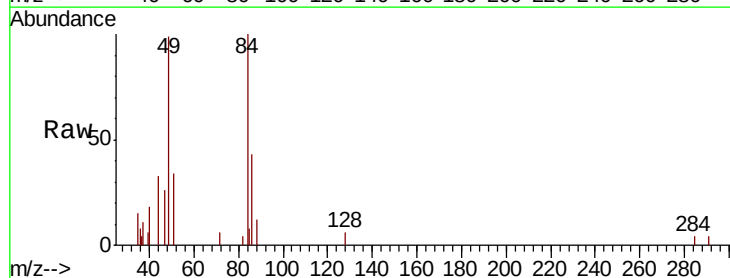
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.64
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 4 Mar 2022 17:43

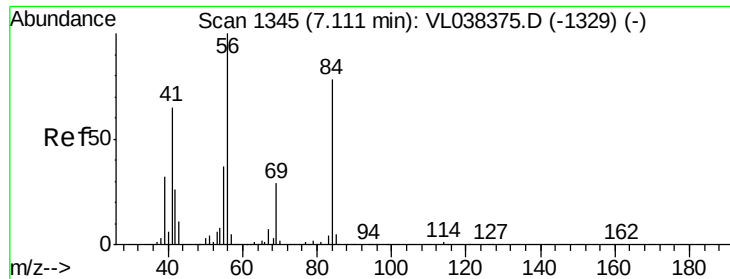
Tot Ion	49	Resp	967110
Ion Ratio	Lower	Upper	
49	100		
128	46.4	24.3	72.9
130	57.9	30.1	90.5



#20
 Methylene Chloride
 Concen: 0.126 ppbv
 RT: 4.32 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VL038538.D
 Acq: 4 Mar 2022 17:43

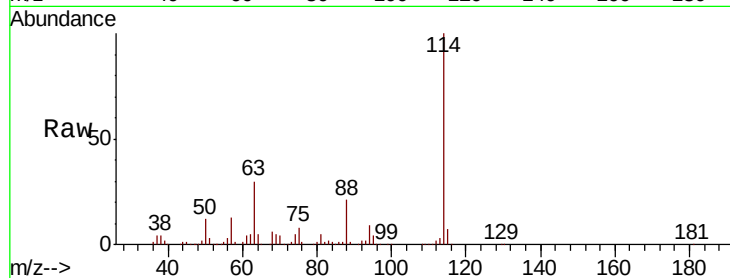
Tgt Ion	84	Resp	5118
Ion Ratio	Lower	Upper	
84	100		
49	95.9	122.4	183.6#
51	32.5	33.3	49.9#
86	39.1	50.7	76.1#



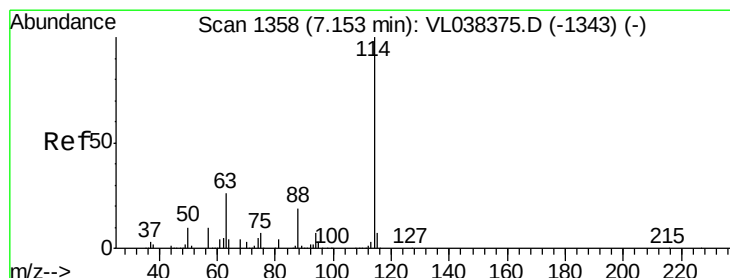
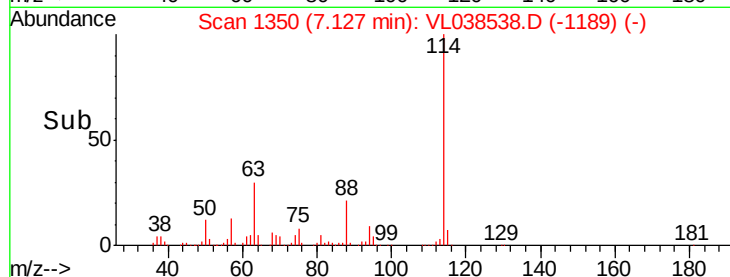
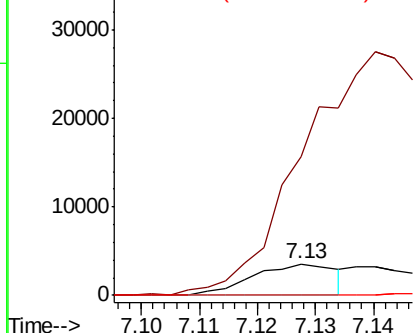


#30
Cvclohexane
Concen: 0.044 ppbv
RT: 7.13 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 4 Mar 2022 17:43

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	116.2	174.4#
41	0.0	74.3	111.5#

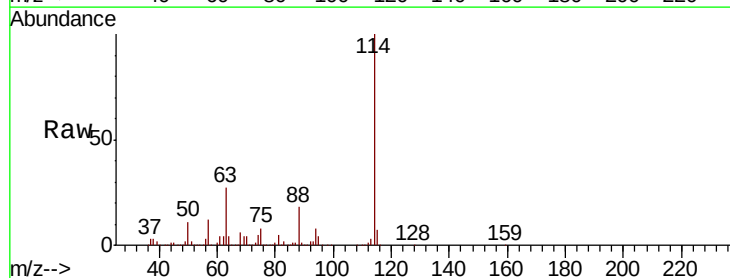


Abundance Ion 84.20 (83.90 to 84.90): VL0
Ion 56.10 (55.80 to 56.80): VL0
Ion 41.10 (40.80 to 41.80): VL0

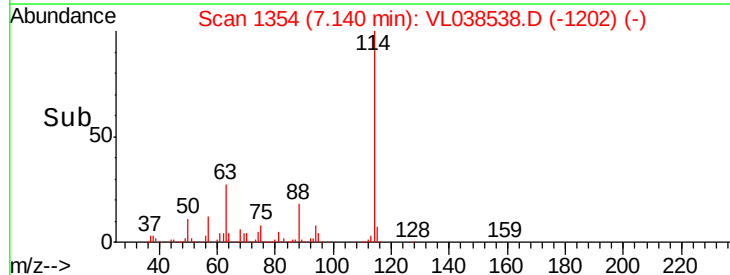
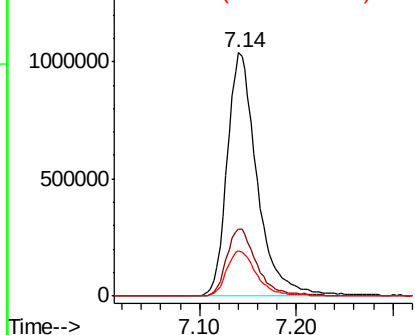


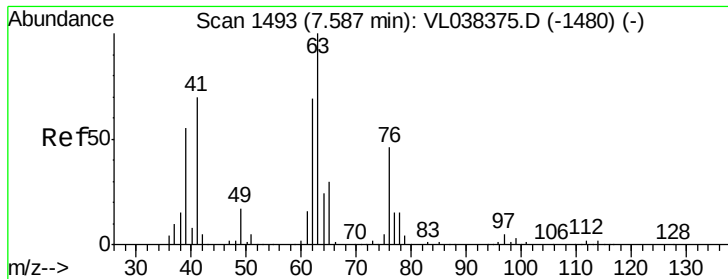
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.14 min Scan# 1354
Delta R.T. -0.01 min
Lab File: VL038538.D
Acq: 4 Mar 2022 17:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	28.5	22.2	33.2
88	19.1	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: 7.837 ppbv

RT: 7.14 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 4 Mar 2022 17:43

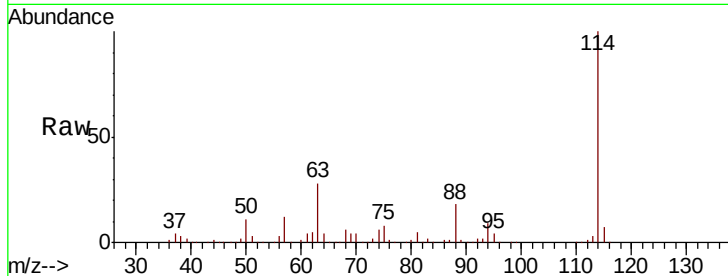
Tot Ion: 63 Resp: 612923

Ion Ratio Lower Upper

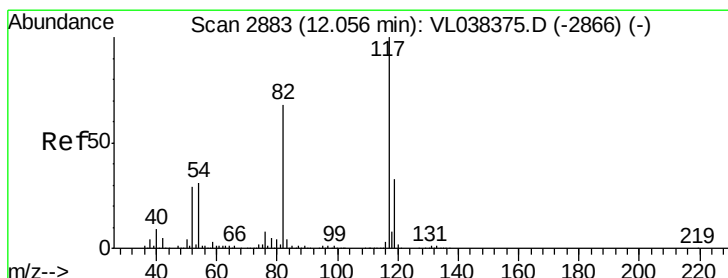
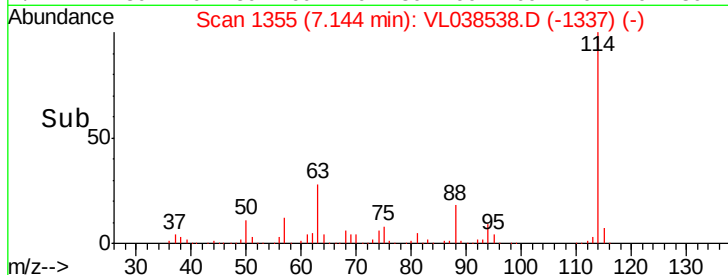
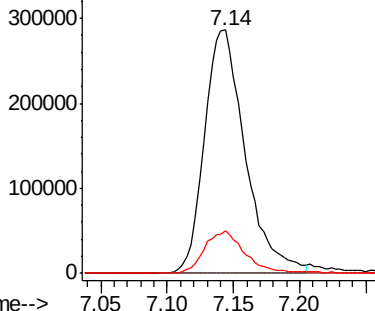
63 100

41 0.1 56.1 84.1#

62 17.4 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: 12.04 min Scan# 2879

Delta R.T. -0.01 min

Lab File: VL038538.D

Acq: 4 Mar 2022 17:43

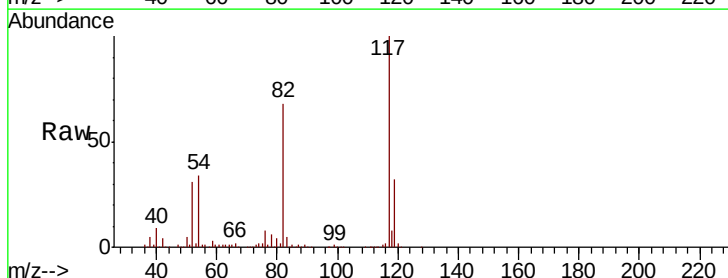
Tgt Ion: 117 Resp: 1861026

Ion Ratio Lower Upper

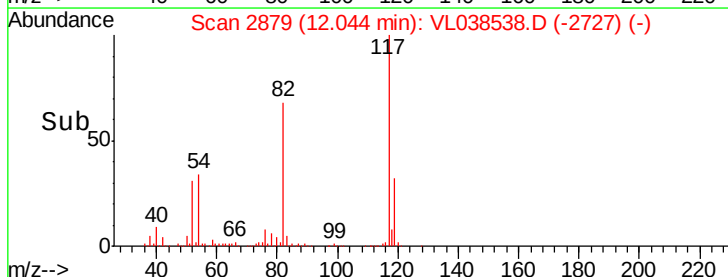
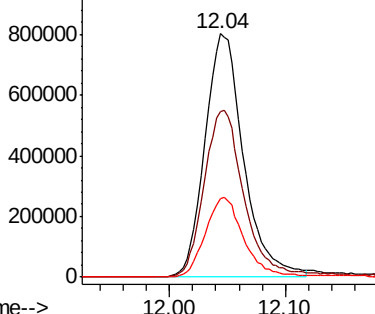
117 100

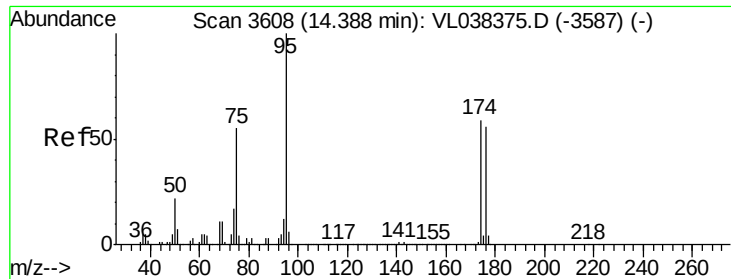
82 72.4 54.9 82.3

119 33.5 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: 9.260 ppbv

RT: 14.37

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 4 Mar 2022 17.45

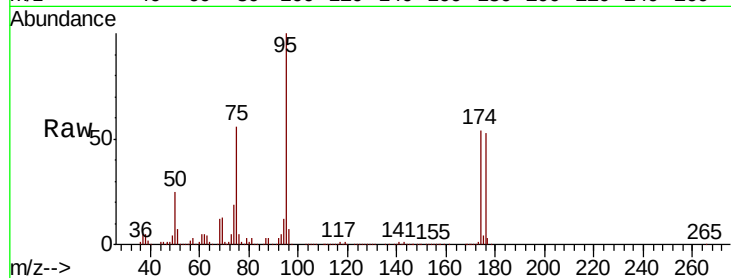
Tot Ion: 95 Resp: 1425827

Ion Ratio Lower Upper

95 100

174 60.8 49.0 73.4

175 4.2 3.6 5.4



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

