

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036581.D
 Acq On : 30 Mar 2021 22:26
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Mar 31 05:17:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1302177	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3090963	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2747858	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2221495	10.14	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

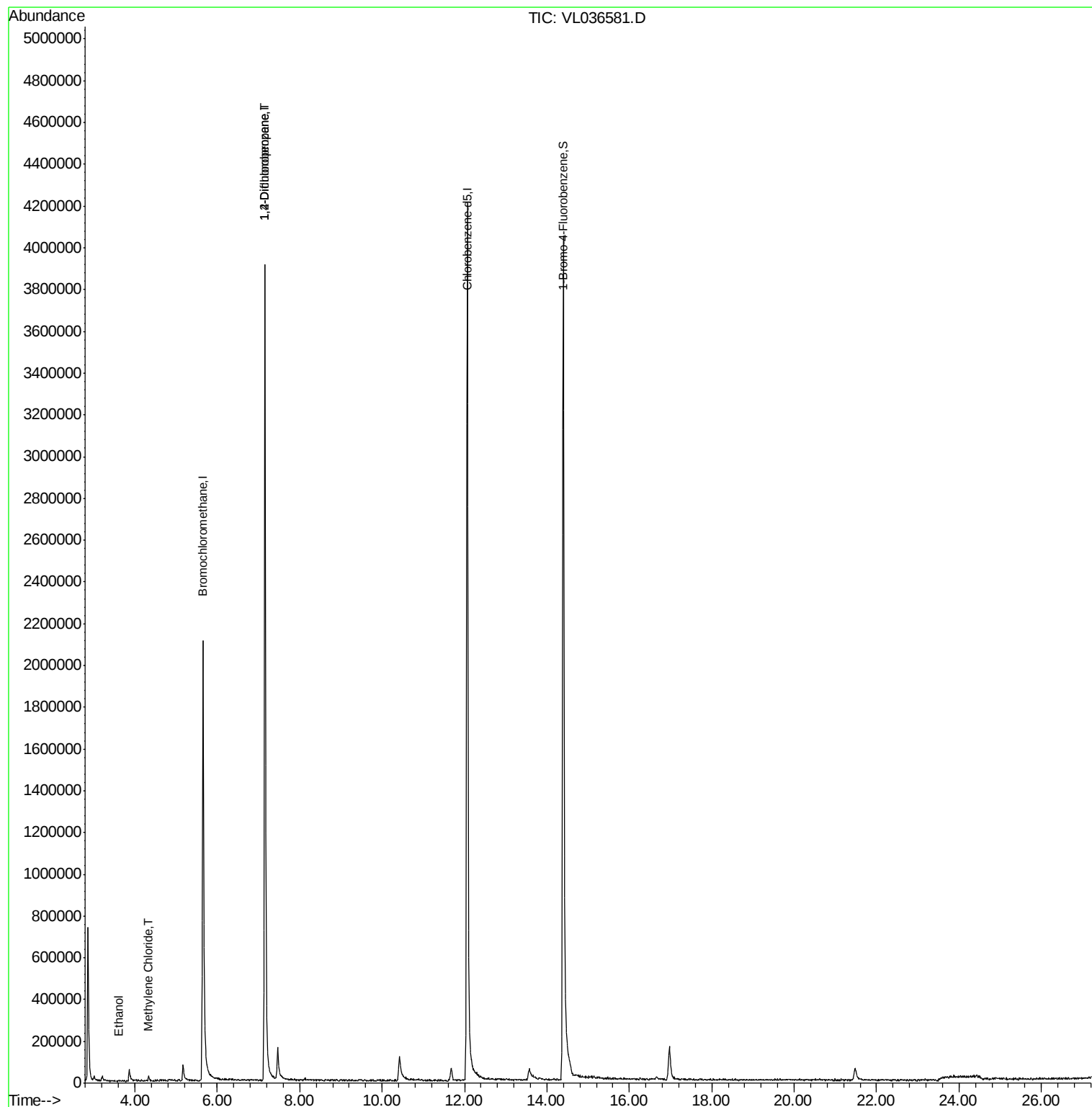
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	623	0.067	ppbv #	34
20) Methylene Chloride	4.33	84	7737	0.129	ppbv #	86
39) 1,2-Dichloropropane	7.15	63	848622	7.339	ppbv #	23

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

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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Instrument :

MSVOA_L

ClientSampled :

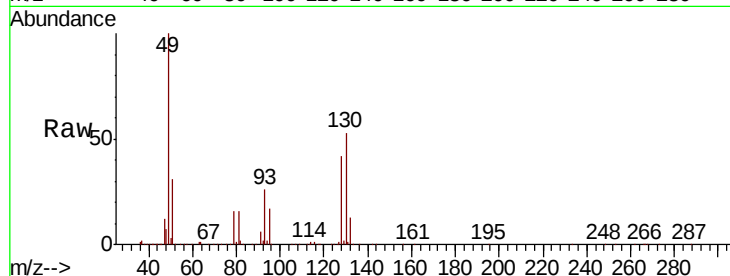
Tot Ion: 49 Resp: 1302177

Ion Ratio Lower Upper

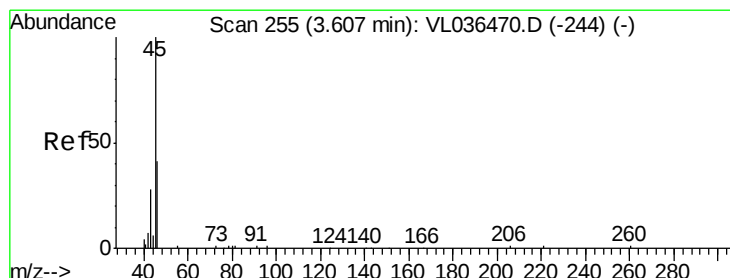
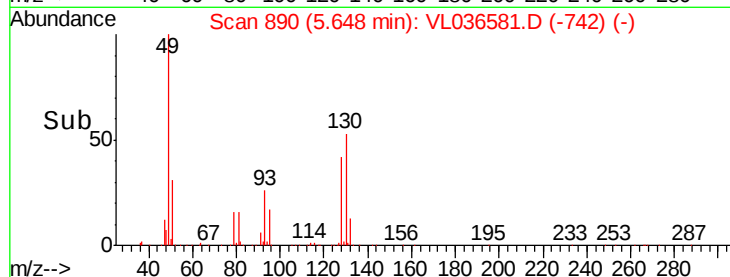
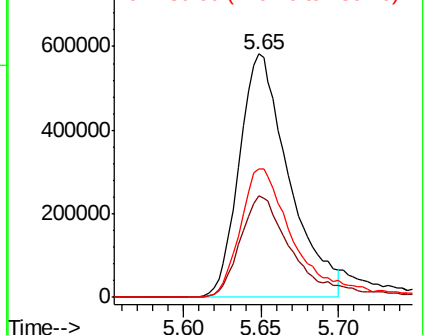
49 100

128 46.6 23.5 70.6

130 59.5 29.1 87.4



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



#13

Ethanol

Concen: 0.067 ppbv

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036581.D

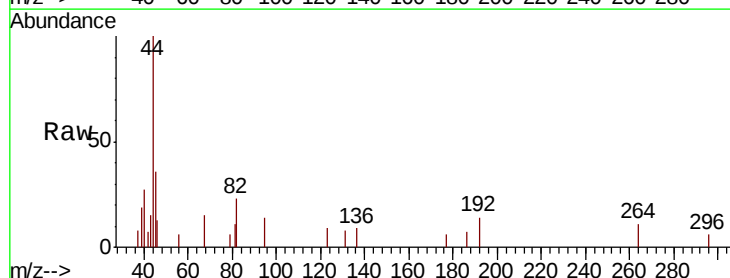
Acq: 30 Mar 2021 22:26

Tgt Ion: 45 Resp: 623

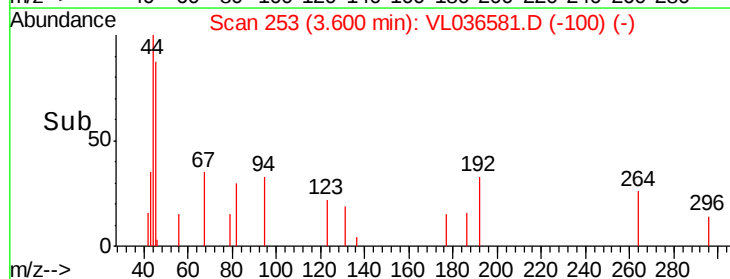
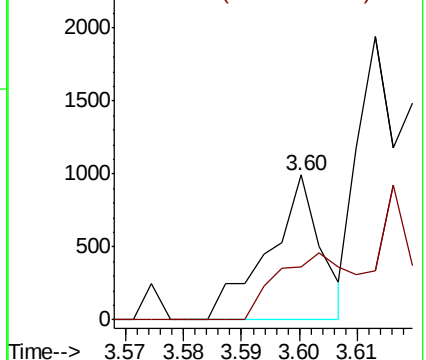
Ion Ratio Lower Upper

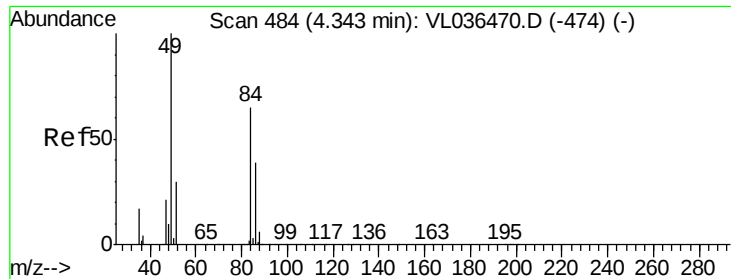
45 100

46 0.0 16.6 66.2#



Abundance Ion 45.10 (44.80 to 45.80): VL0
Ion 46.10 (45.80 to 46.80): VL0

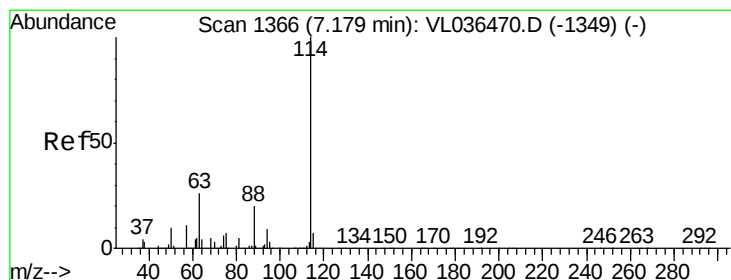
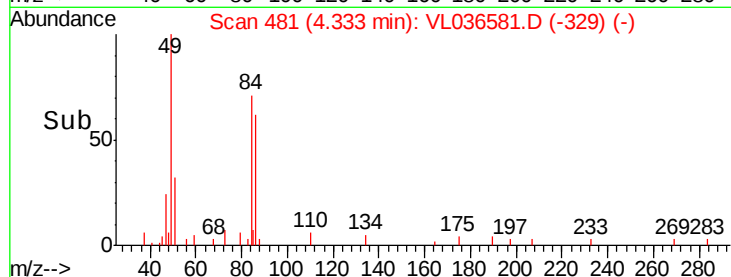
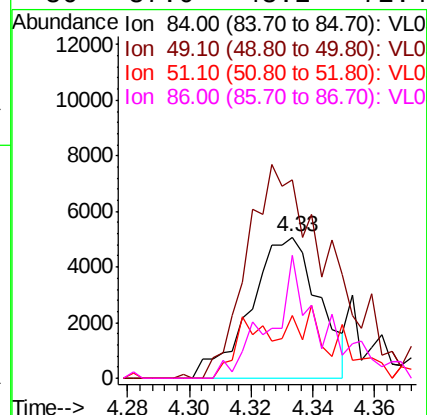
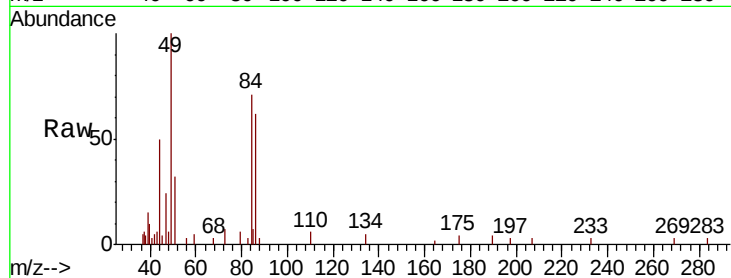




#20
Methylene Chloride
Concen: 0.129 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036581.D
Acq: 30 Mar 2021 22:26

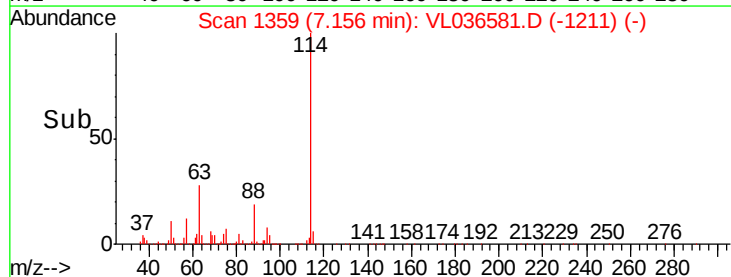
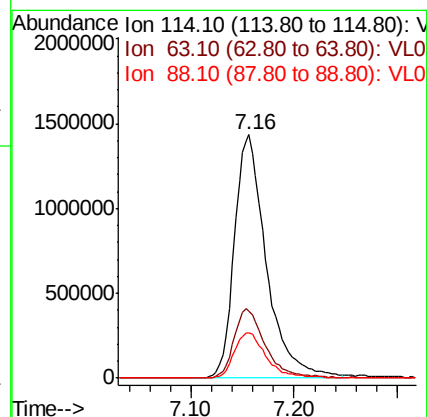
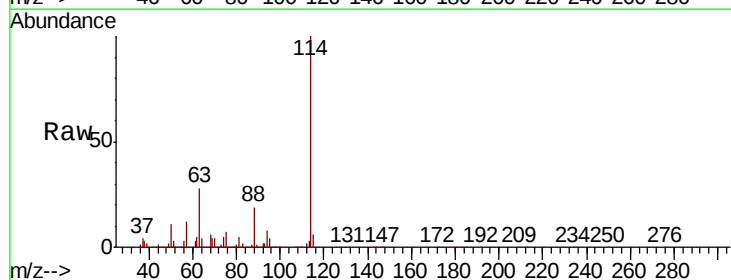
Instrument :
MSVOA_L
ClientSampled :

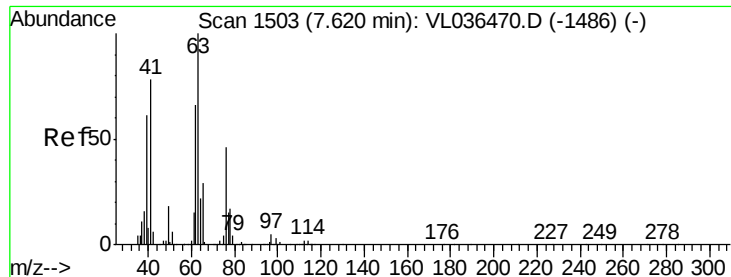
Tot Ion: 84 Resp: 7737
Ion Ratio Lower Upper
84 100
49 140.8 122.9 184.3
51 44.4 36.9 55.3
86 87.0 48.2 72.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1359
Delta R.T. -0.02 min
Lab File: VL036581.D
Acq: 30 Mar 2021 22:26

Tgt Ion: 114 Resp: 3090963
Ion Ratio Lower Upper
114 100
63 28.4 22.4 33.6
88 19.0 15.4 23.0





#39

1,2-Dichloropropane

Concen: 7.339 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.47 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Instrument :

MSVOA_L

ClientSampleId :

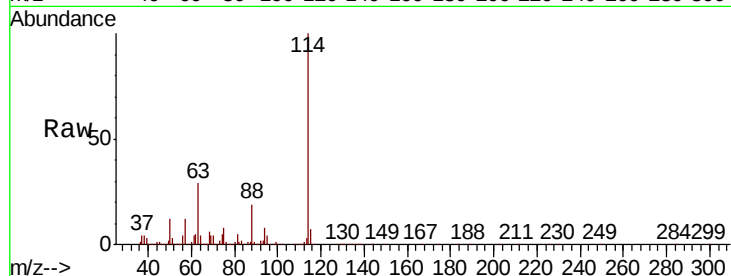
Tot Ion: 63 Resp: 848622

Ion Ratio Lower Upper

63 100

41 0.2 62.4 93.6#

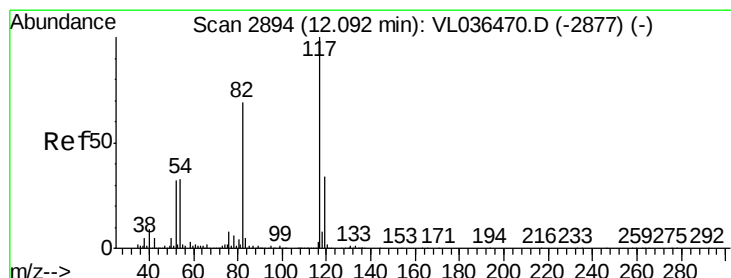
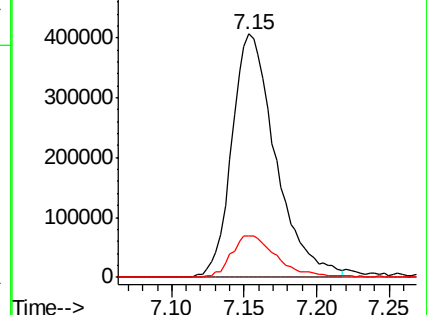
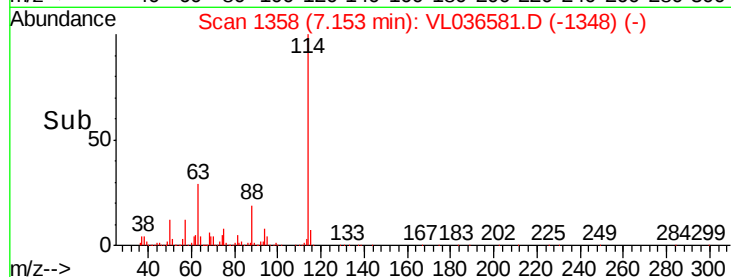
62 16.8 52.8 79.2#



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: 12.07 min Scan# 2886

Delta R.T. -0.03 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

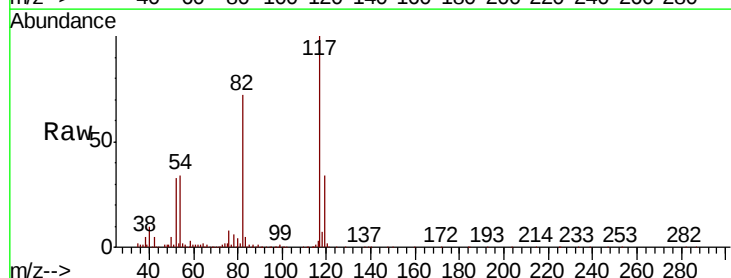
Tgt Ion: 117 Resp: 2747858

Ion Ratio Lower Upper

117 100

82 73.1 57.4 86.0

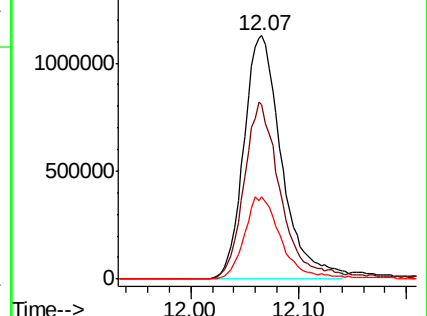
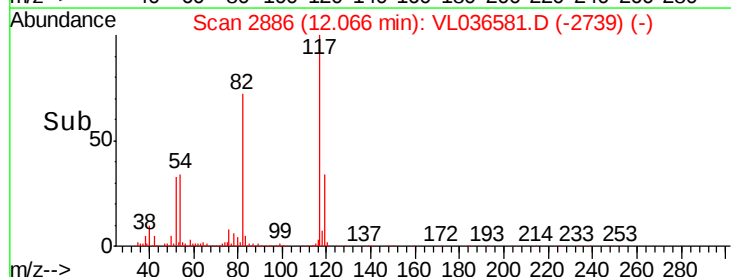
119 33.8 47.4 71.0#

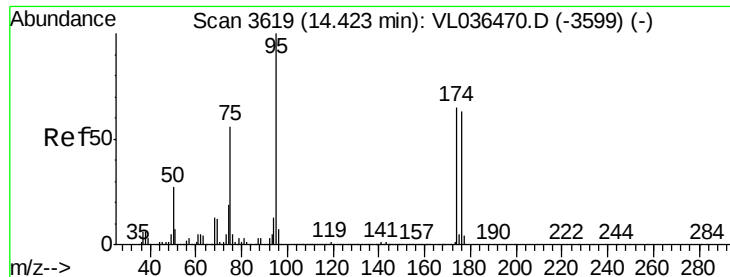


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.144 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.03 min

Lab File: VL036581.D

Acq: 30 Mar 2021 22:26

Instrument :

MSVOA_L

ClientSampleId :

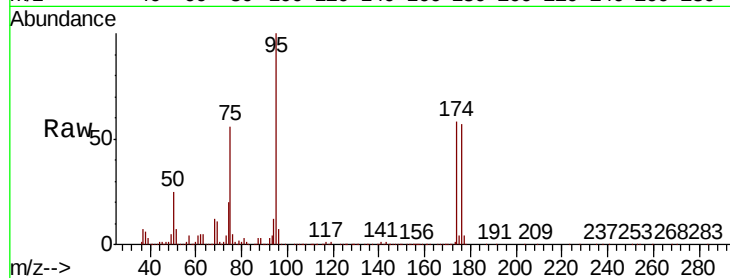
Tot Ion: 95 Resp: 2221495

Ion Ratio Lower Upper

95 100

174 63.8 51.0 76.6

175 4.5 3.9 5.9



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

