

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036758.D
 Acq On : 8 Apr 2021 19:55
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 09 08:40:45 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	5.66	49	1371414	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3352516	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2628063	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1530610	7.31	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	73.10%

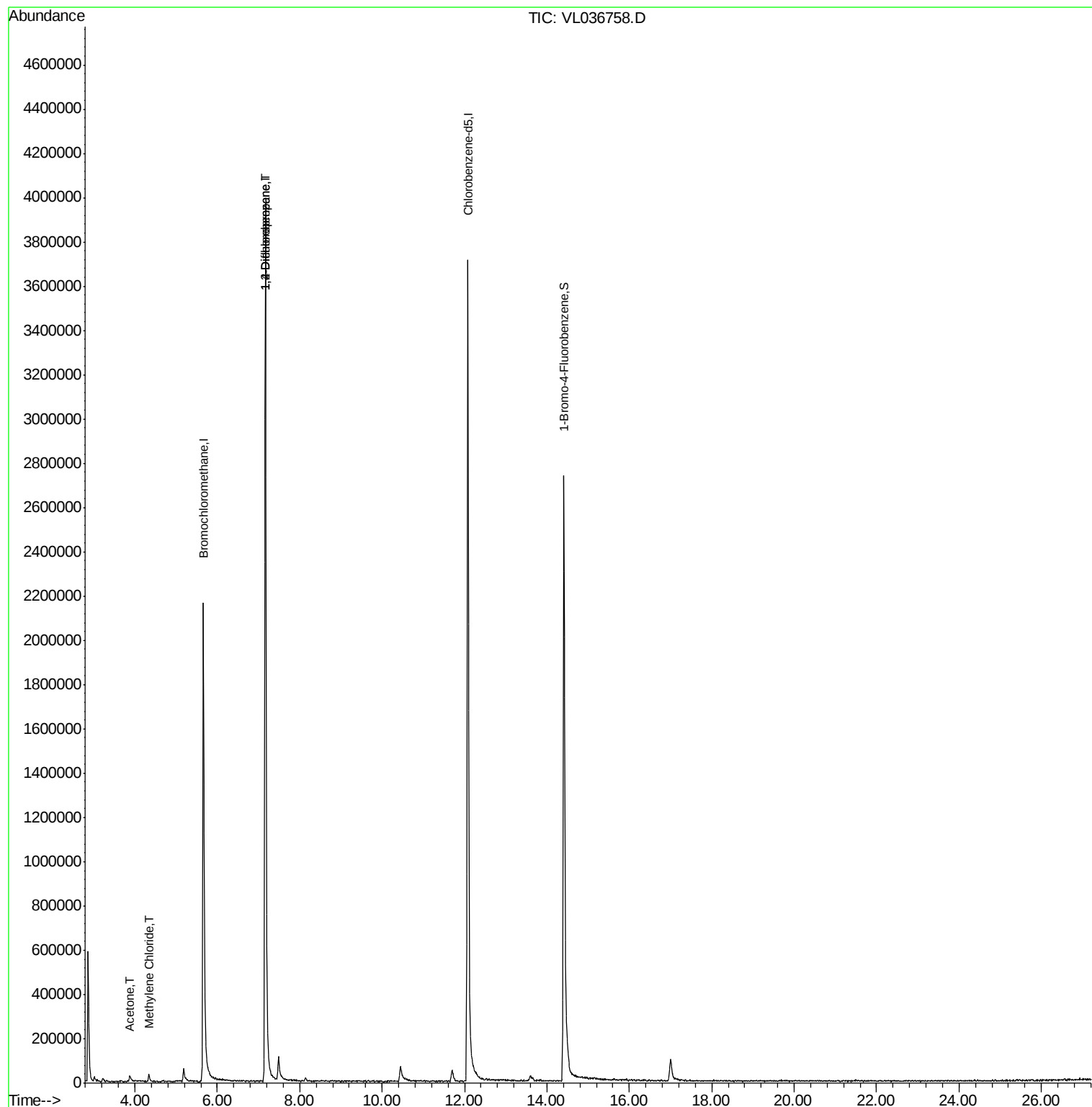
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.87	43	19481	0.144	ppbv #	48
20) Methylene Chloride	4.33	84	6302	0.100	ppbv #	80
39) 1,2-Dichloropropane	7.17	63	893586	7.125	ppbv #	23

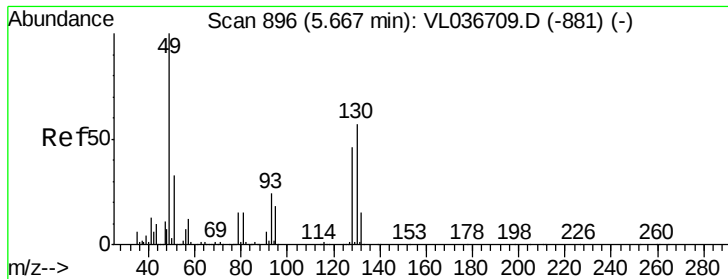
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040821\
Data File : VL036758.D
Acq On : 8 Apr 2021 19:55
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Apr 09 08:40:45 2021
Quant Method : Z:\V0ASRV\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





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036758.D

Acq: 8 Apr 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

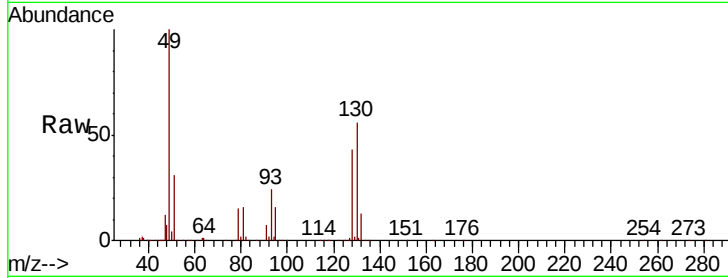
Tot Ion: 49 Resp: 1371414

Ion Ratio Lower Upper

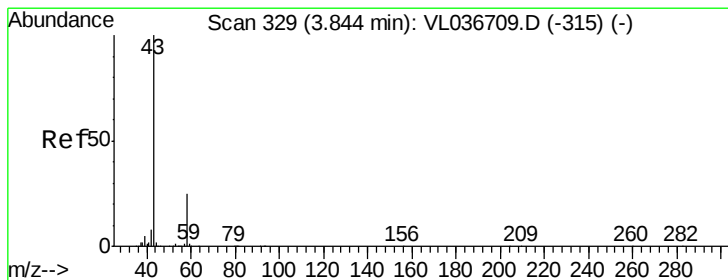
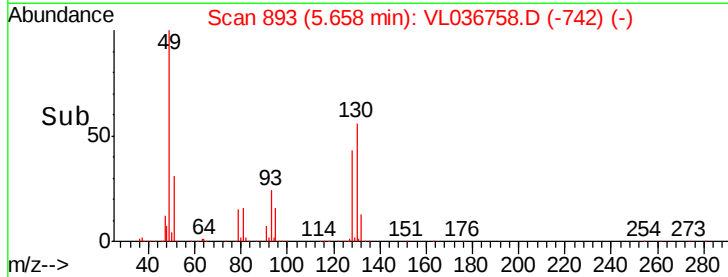
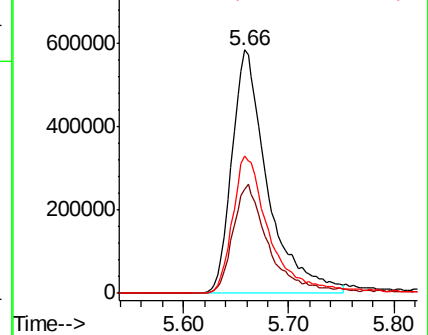
49 100

128 45.2 23.5 70.6

130 59.7 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



#15

Acetone

Concen: 0.144 ppbv

RT: 3.87 min Scan# 337

Delta R.T. 0.02 min

Lab File: VL036758.D

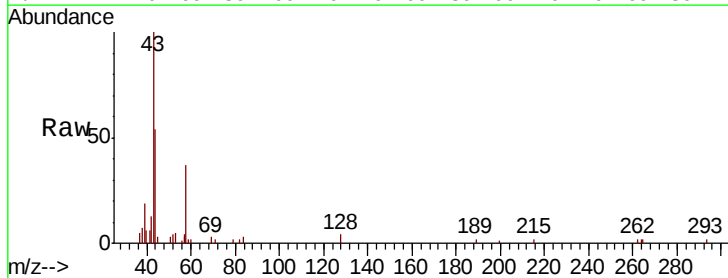
Acq: 8 Apr 2021 19:55

Tgt Ion: 43 Resp: 19481

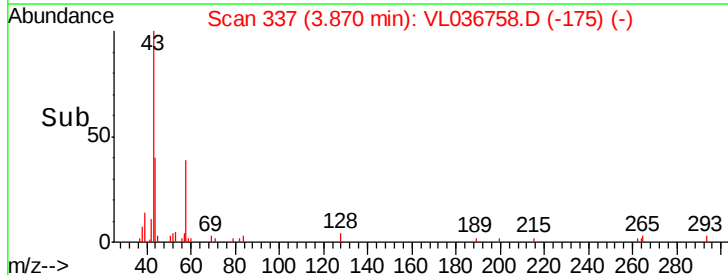
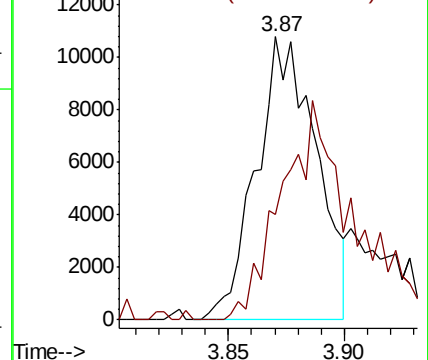
Ion Ratio Lower Upper

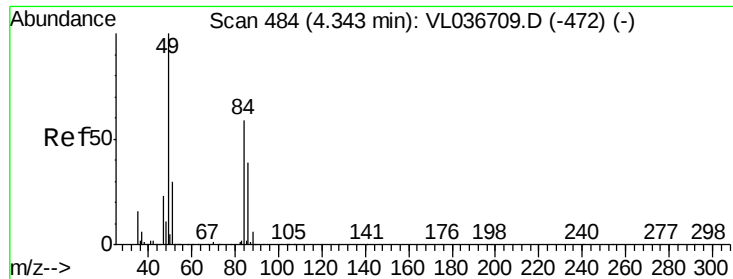
43 100

58 0.0 21.2 31.8#



Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 58.10 (57.80 to 58.80): VL0

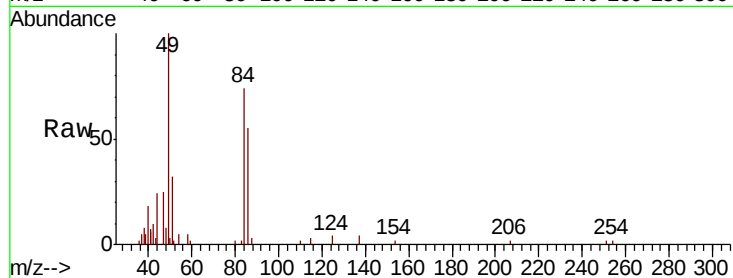




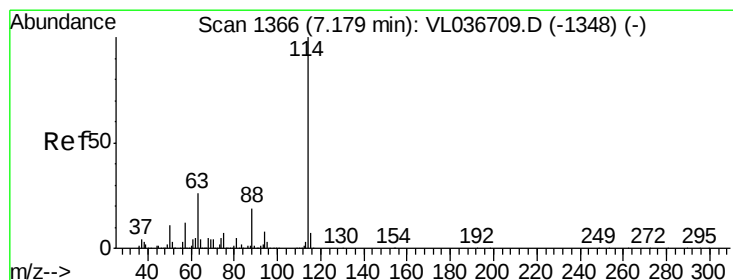
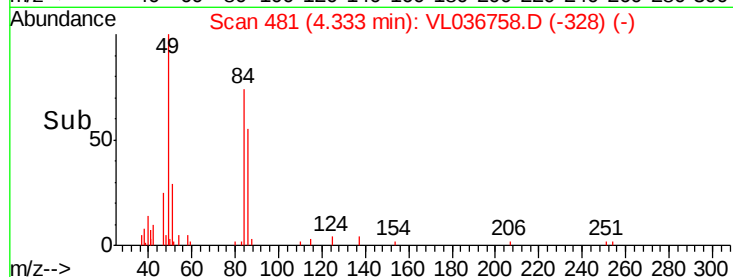
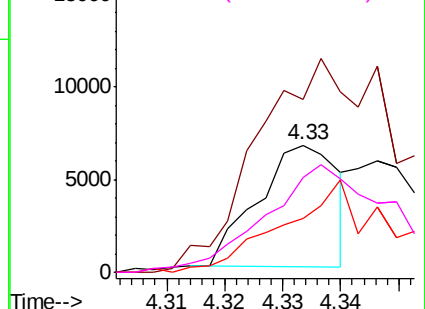
#20
Methylene Chloride
Concen: 0.100 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion: 84 Resp: 6302
Ion Ratio Lower Upper
84 100
49 120.1 122.9 184.3#
51 40.8 36.9 55.3
86 70.4 48.2 72.4

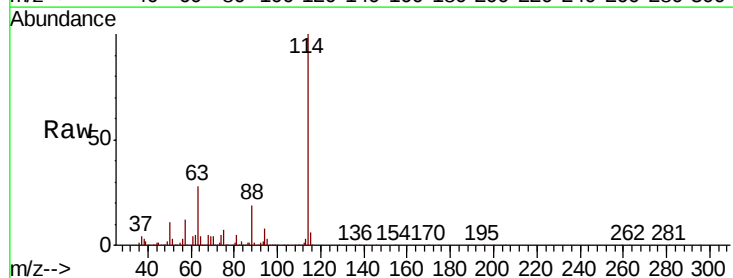


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

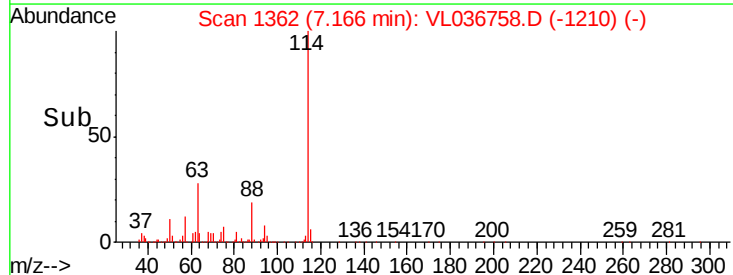
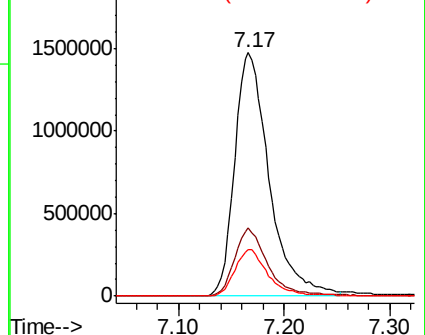


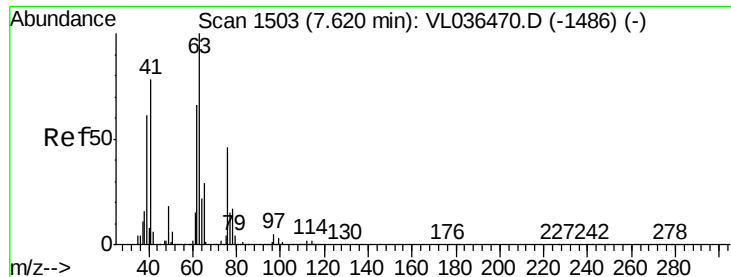
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036758.D
Acq: 8 Apr 2021 19:55

Tgt Ion: 114 Resp: 3352516
Ion Ratio Lower Upper
114 100
63 27.2 22.4 33.6
88 18.7 15.4 23.0



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: 7.125 ppbv

RT: 7.17 min Scan# 1362

Delta R.T. -0.45 min

Lab File: VL036758.D

Acq: 8 Apr 2021 19:55

Instrument :

MSVOA_L

ClientSampled :

VIBLK

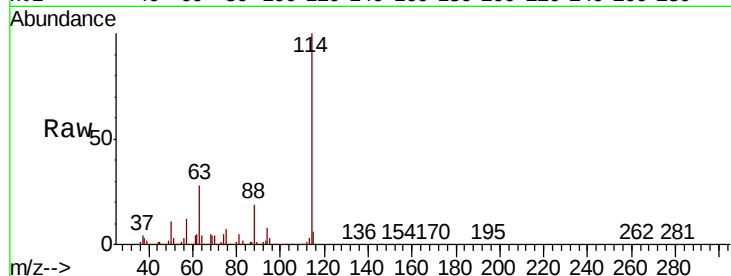
Tot Ion: 63 Resp: 893586

Ion Ratio Lower Upper

63 100

41 0.1 62.4 93.6#

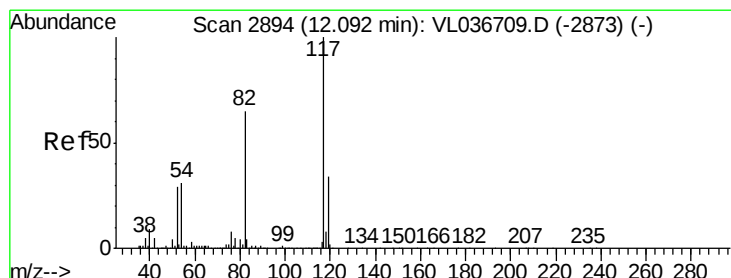
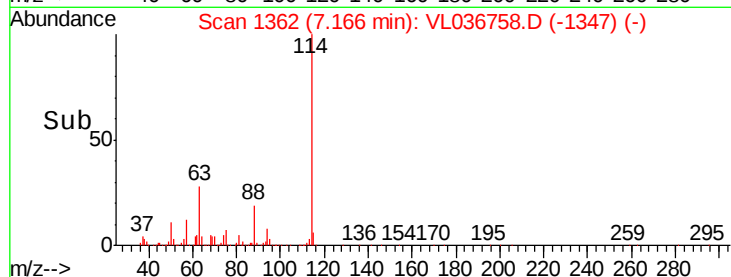
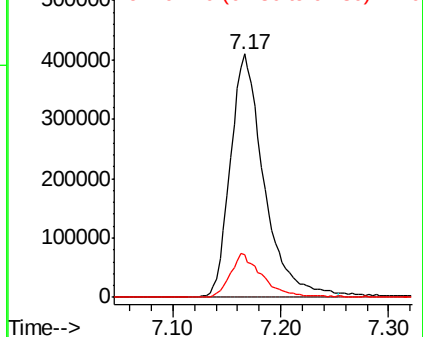
62 17.4 52.8 79.2#



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: 12.08 min Scan# 2891

Delta R.T. -0.01 min

Lab File: VL036758.D

Acq: 8 Apr 2021 19:55

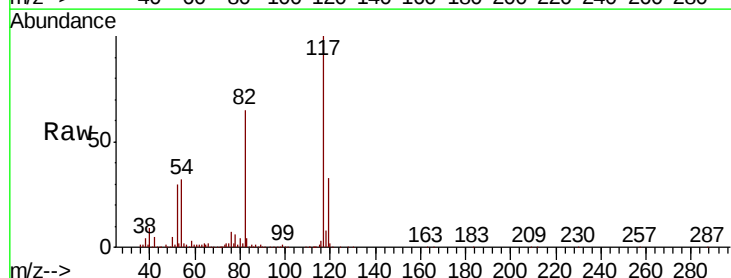
Tgt Ion: 117 Resp: 2628063

Ion Ratio Lower Upper

117 100

82 69.2 57.4 86.0

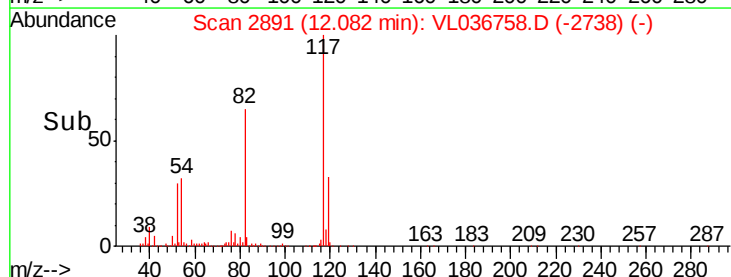
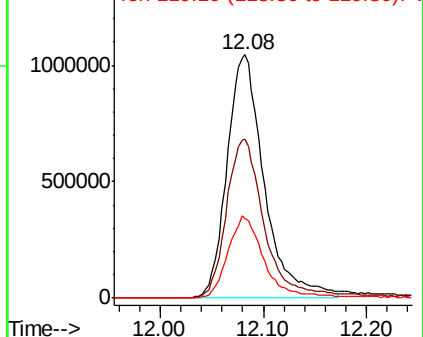
119 34.1 47.4 71.0#

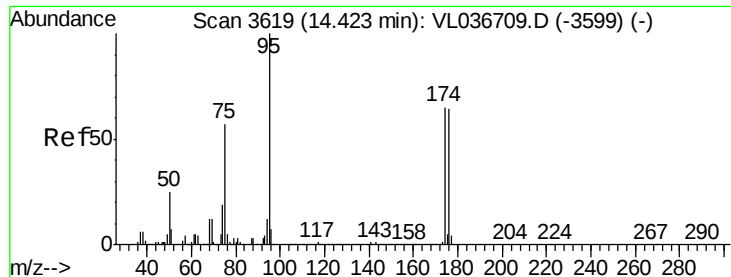


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 7.307 ppbv

RT: 14.41 min Scan# 3616

Delta R.T. -0.01 min

Lab File: VL036758.D

Acq: 8 Apr 2021 19:55

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

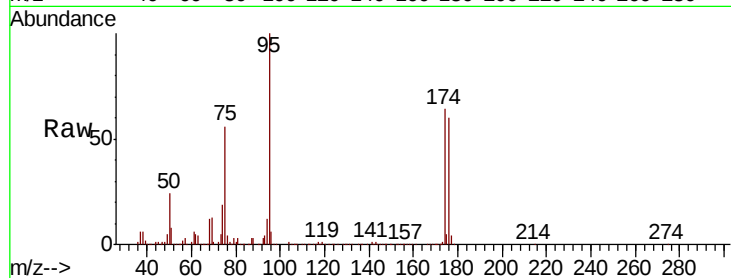
Tot Ion: 95 Resp: 1530610

Ion Ratio Lower Upper

95 100

174 68.1 51.0 76.6

175 5.5 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

