

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071620\
 Data File : VL035191.D
 Acq On : 16 Jul 2020 11:24
 Operator : SY/AP
 Sample : VL0716ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0716ABL01

Quant Time: Jul 17 04:06:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.63	49	1172545	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2834067	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	2593792	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2132327	10.12	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.20%

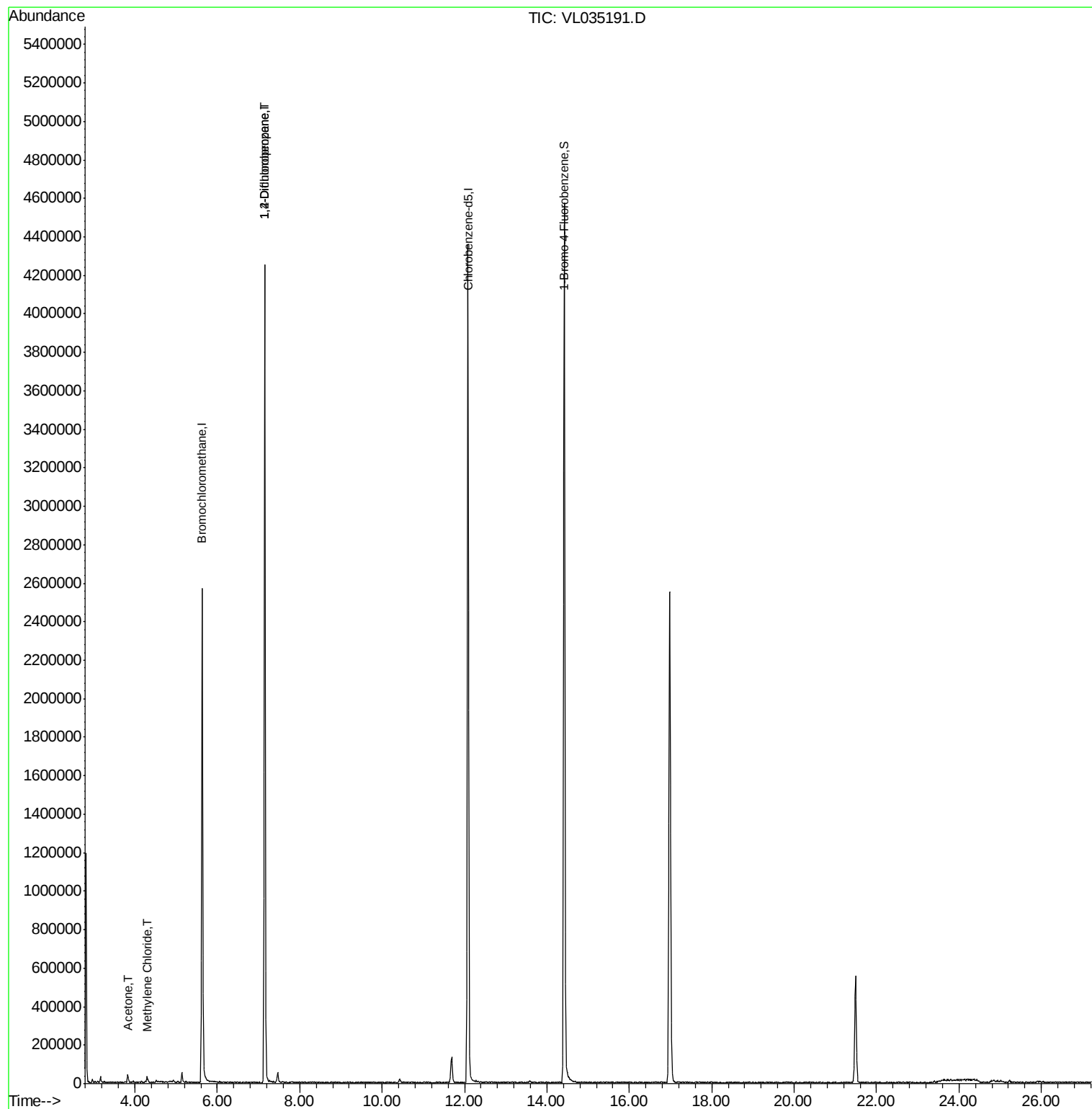
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.82	43	21061	0.133	ppbv #	1
20) Methylene Chloride	4.29	84	9172	0.133	ppbv #	77
39) 1,2-Dichloropropane	7.15	63	769694	9.436	ppbv #	23

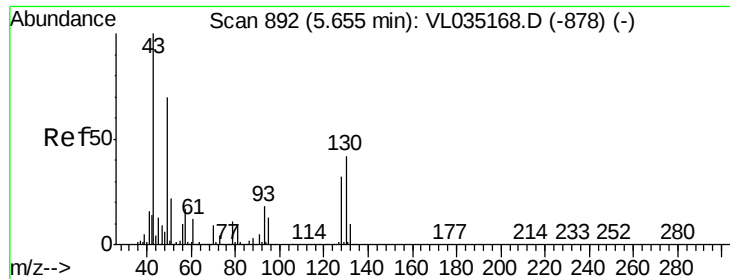
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.63 min Scan# 885

Delta R.T. -0.02 min

Lab File: VL035191.D

Acq: 16 Jul 2020 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL0716ABL01

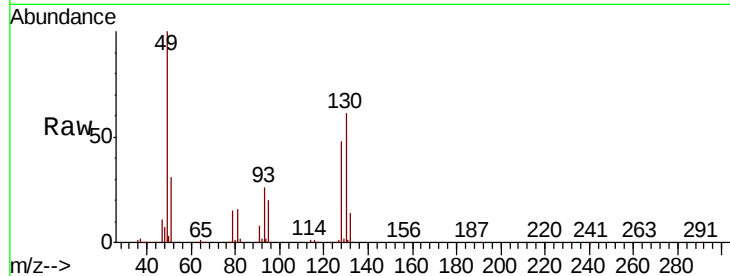
Tot Ion: 49 Resp: 1172545

Ion Ratio Lower Upper

49 100

128 50.0 23.8 71.4

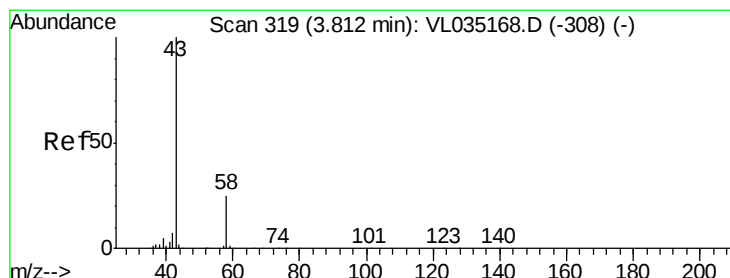
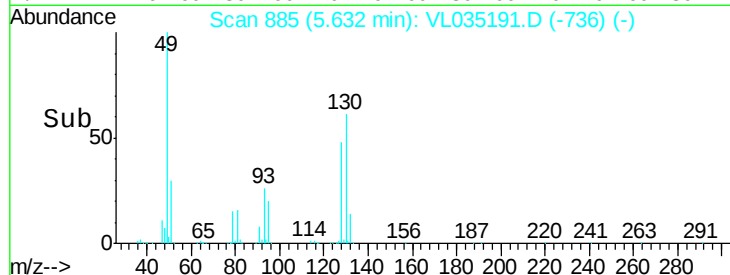
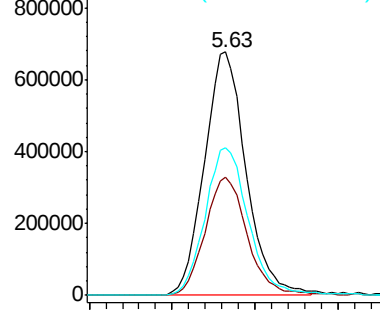
130 64.2 29.9 89.8



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



#15

Acetone

Concen: 0.133 ppbv

RT: 3.82 min Scan# 321

Delta R.T. 0.01 min

Lab File: VL035191.D

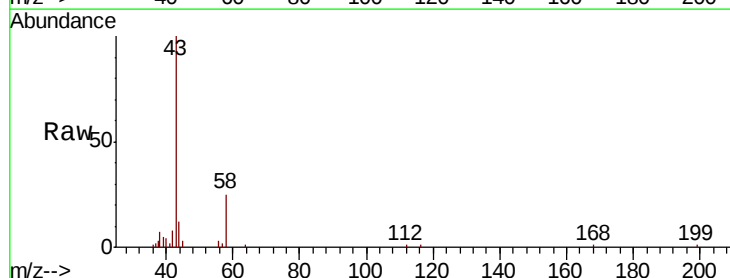
Acq: 16 Jul 2020 11:24

Tgt Ion: 43 Resp: 21061

Ion Ratio Lower Upper

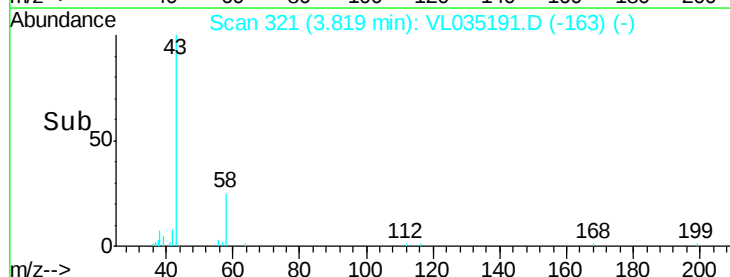
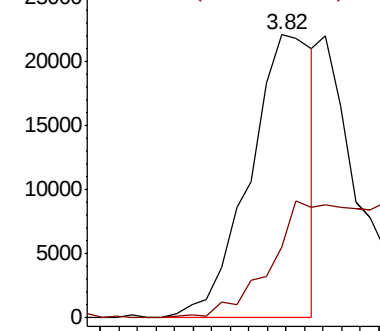
43 100

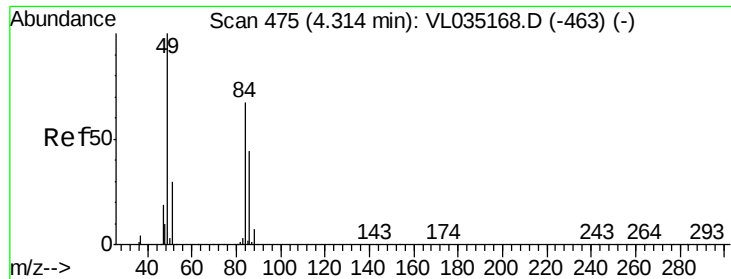
58 86.5 21.3 31.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

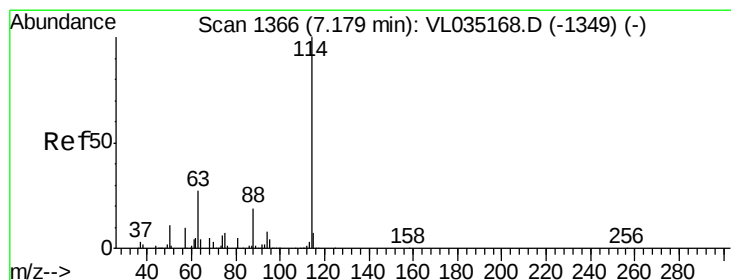
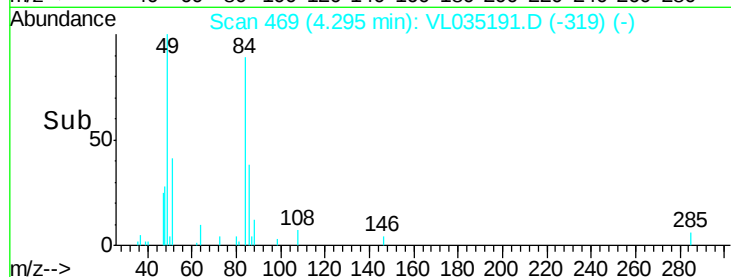
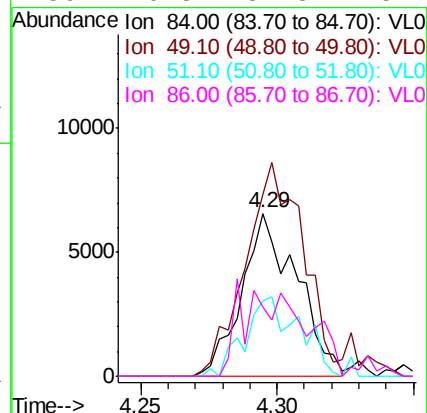
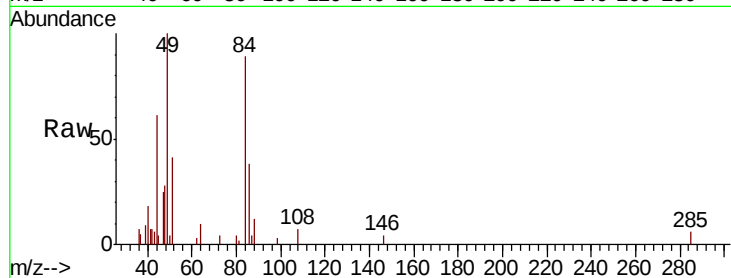




#20
Methylene Chloride
Concen: 0.133 ppbv
RT: 4.29 min Scan# 469
Delta R.T. -0.02 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

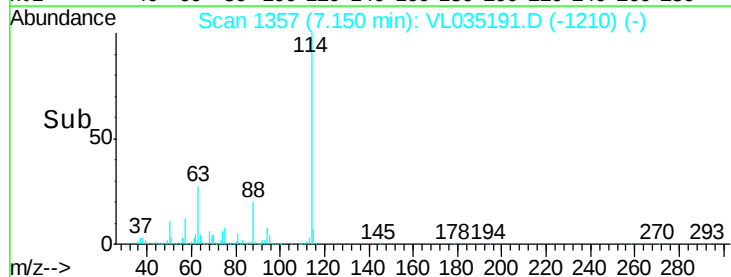
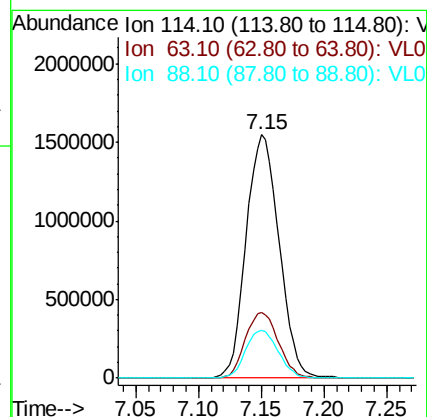
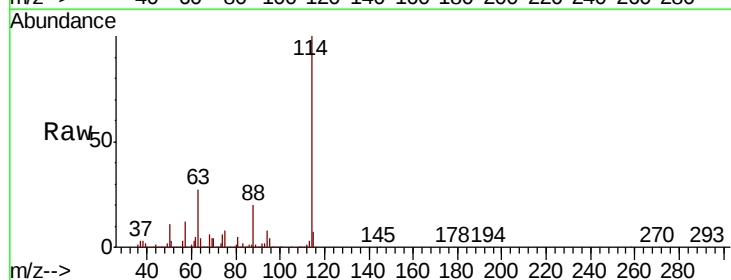
Instrument :
MSVOA_L
ClientSampleId :
VL0716ABL01

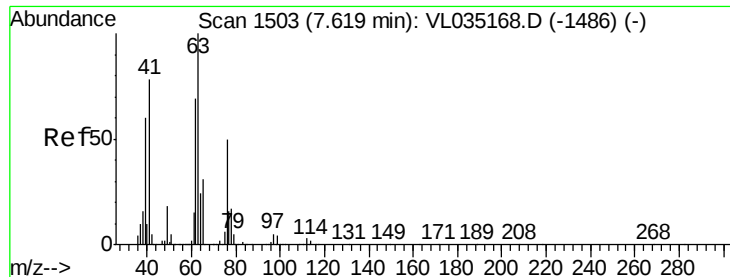
Tot Ion: 84 Resp: 9172
Ion Ratio Lower Upper
84 100
49 111.8 119.4 179.0#
51 46.0 36.6 55.0
86 46.8 52.5 78.7#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035191.D
Acq: 16 Jul 2020 11:24

Tgt Ion: 114 Resp: 2834067
Ion Ratio Lower Upper
114 100
63 27.4 22.0 33.0
88 19.6 15.4 23.0





#39

1,2-Dichloropropane

Concen: 9.436 ppbv

RT: 7.15 min Scan# 1357

Delta R.T. -0.47 min

Lab File: VL035191.D

Acq: 16 Jul 2020 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL0716ABL01

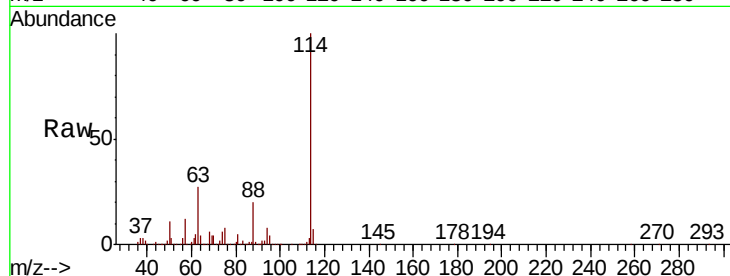
Tot Ion: 63 Resp: 769694

Ion Ratio Lower Upper

63 100

41 0.0 62.6 94.0#

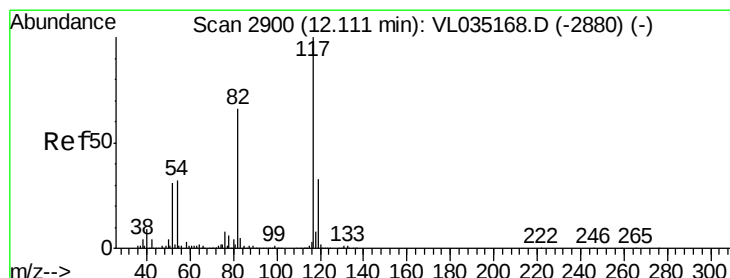
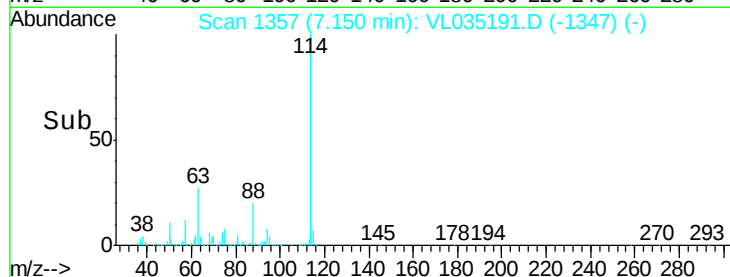
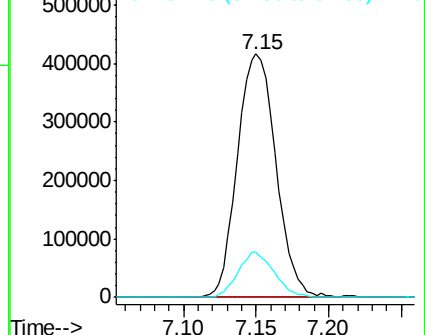
62 18.7 55.0 82.6#



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. -0.03 min

Lab File: VL035191.D

Acq: 16 Jul 2020 11:24

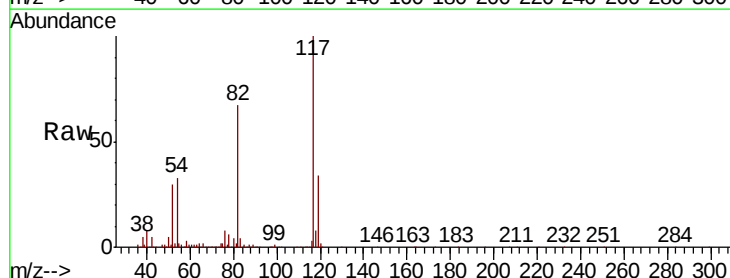
Tgt Ion: 117 Resp: 2593792

Ion Ratio Lower Upper

117 100

82 69.1 52.3 78.5

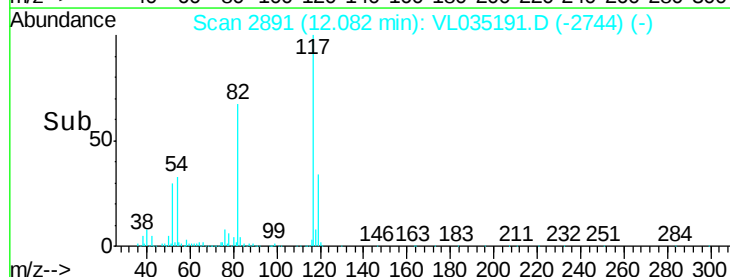
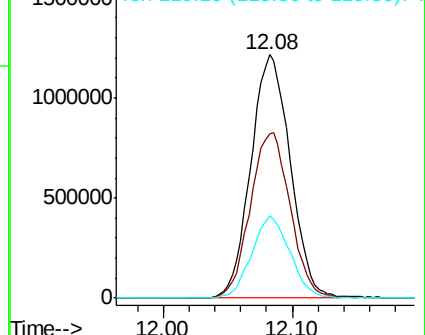
119 32.9 24.9 37.3

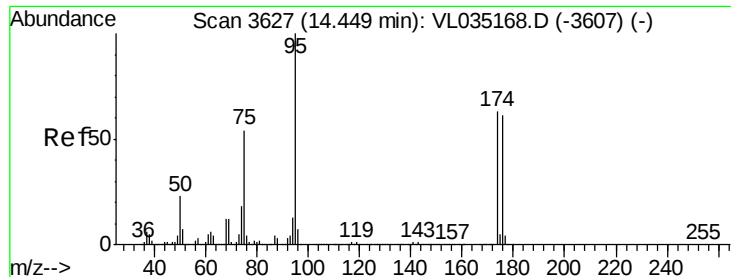


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.120 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. -0.03 min

Lab File: VL035191.D

Acq: 16 Jul 2020 11:24

Instrument :

MSVOA_L

ClientSampleId :

VL0716ABL01

Tot Ion: 95 Resp: 2132327

Ion Ratio Lower Upper

95 100

174 64.9 52.2 78.2

175 4.8 4.0 6.0

