

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050620\
 Data File : VL034960.D
 Acq On : 7 May 2020 8:05
 Operator : SY/AP
 Sample : L2507-03DL2 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Quant Time: May 07 10:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1146728	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2687426	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	2488666	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2054336	10.20	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.00%

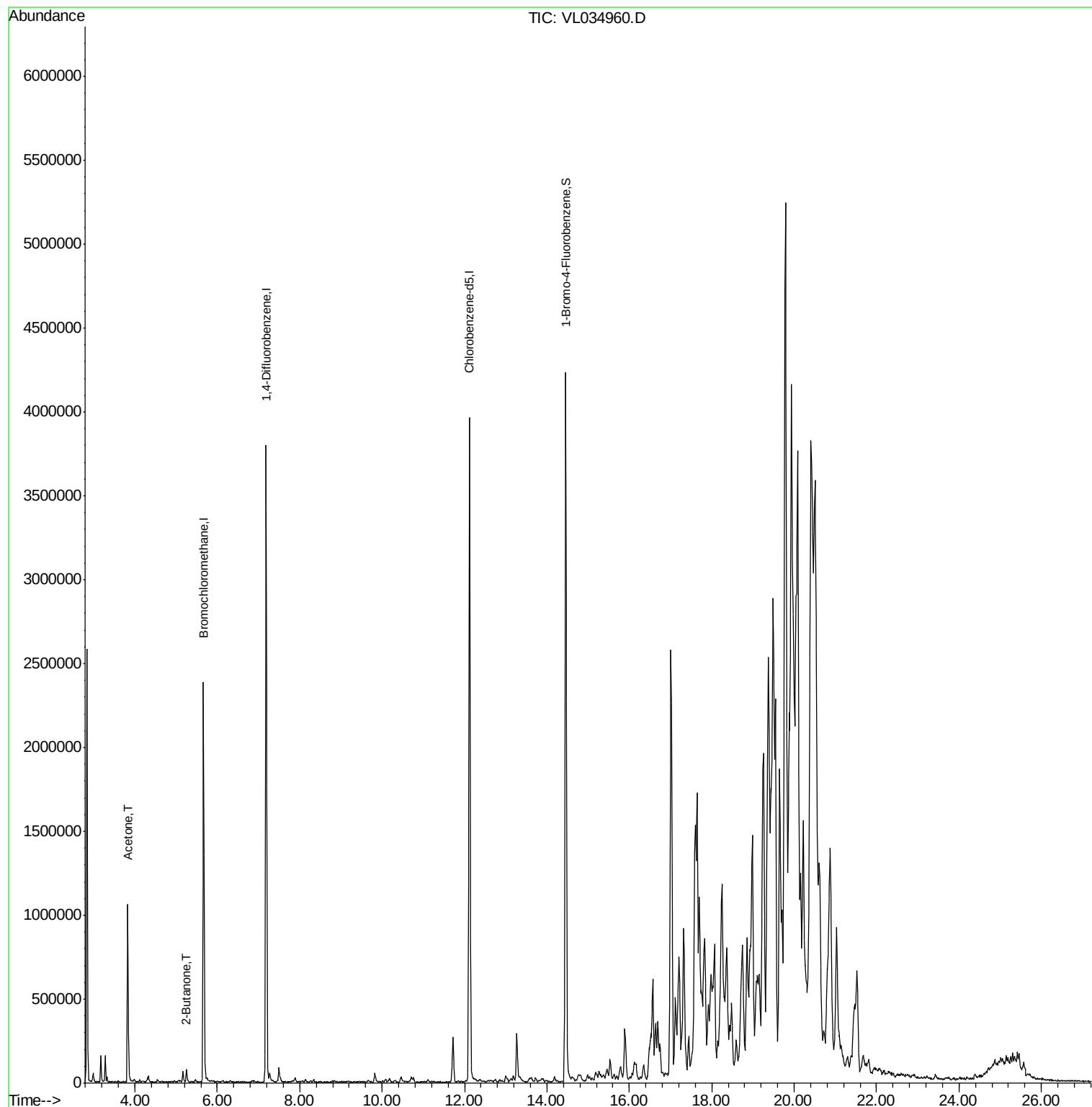
Target Compounds					Ovalue
15) Acetone	3.83	43	1087106	7.171	ppbv 100
34) 2-Butanone	5.25	43	81726	0.489	ppbv 100

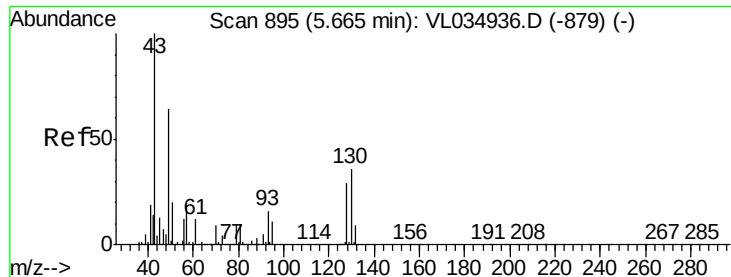
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 06 14:49:39 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. -0.00 min

Lab File: VL034960.D

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Instrument :

MSVOA_L

ClientSampleId :

SV-1DL2

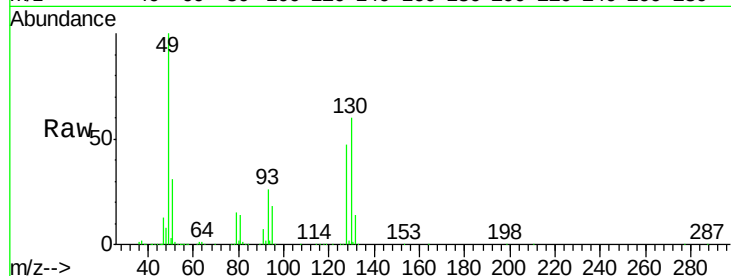
Tot Ion: 49 Resp: 1146728

Ion Ratio Lower Upper

49 100

128 46.4 22.1 66.5

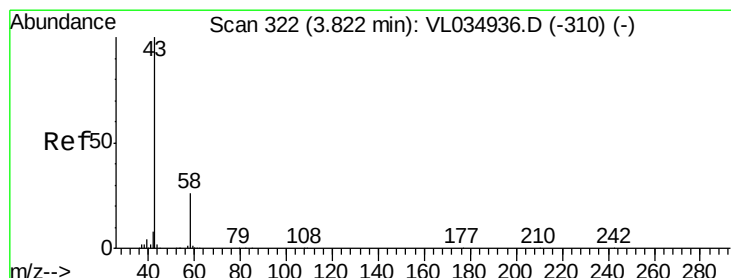
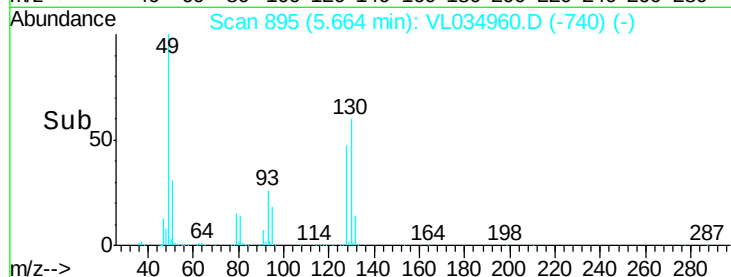
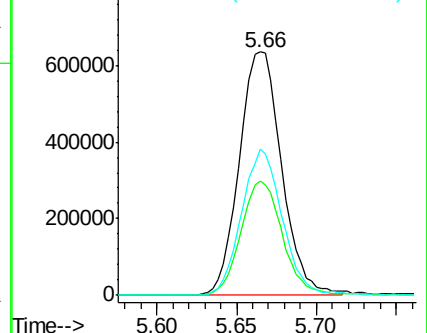
130 58.8 29.1 87.3



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: 7.171 ppbv

RT: 3.83 min Scan# 323

Delta R.T. 0.00 min

Lab File: VL034960.D

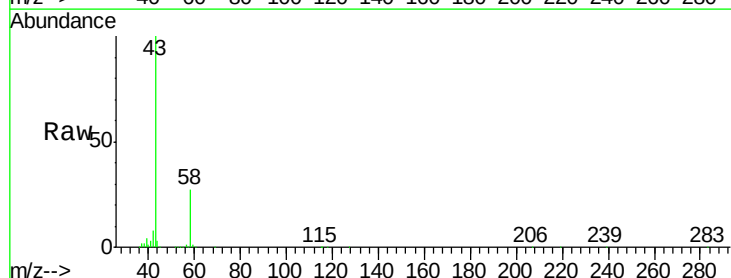
Acq: 7 May 2020 8:05

Tgt Ion: 43 Resp: 1087106

Ion Ratio Lower Upper

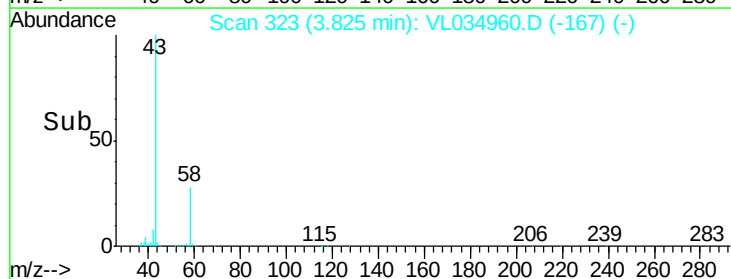
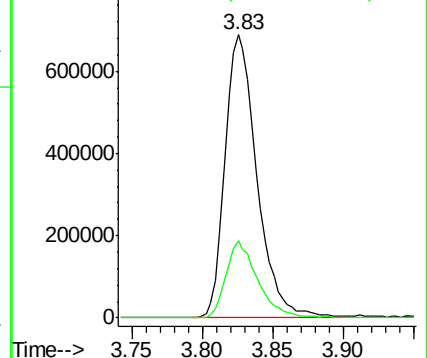
43 100

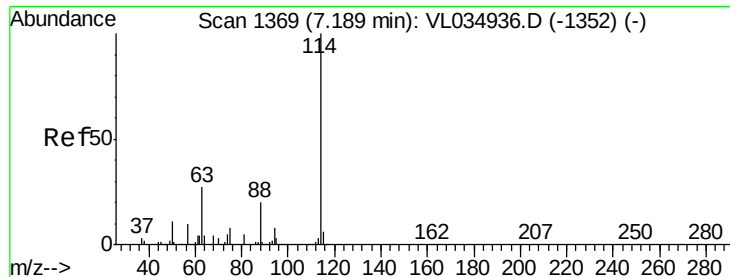
58 27.2 21.7 32.5



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

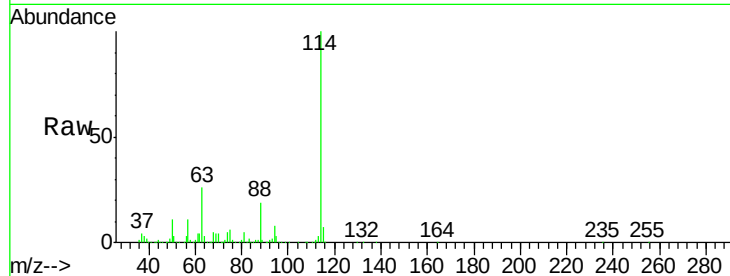




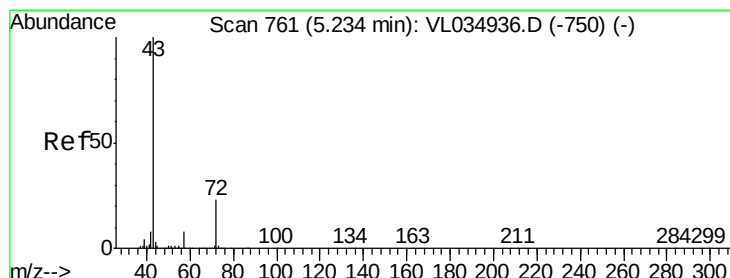
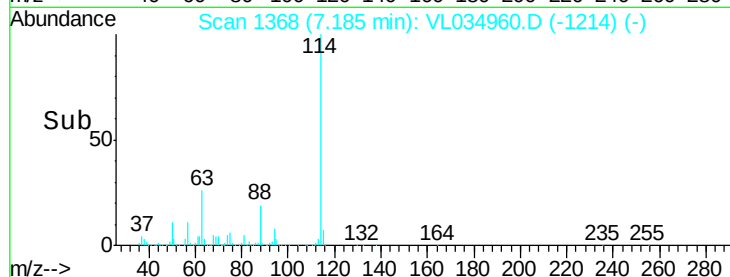
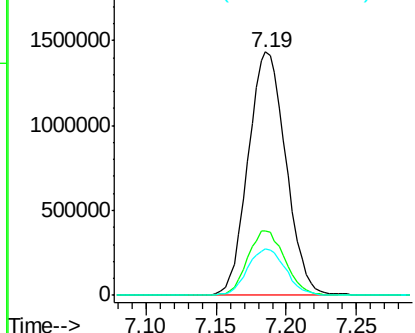
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VL034960.D
 Acq: 7 May 2020 8:05

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Tot Ion:114 Resp: 2687426
 Ion Ratio Lower Upper
 114 100
 63 26.3 22.2 33.4
 88 19.3 15.5 23.3

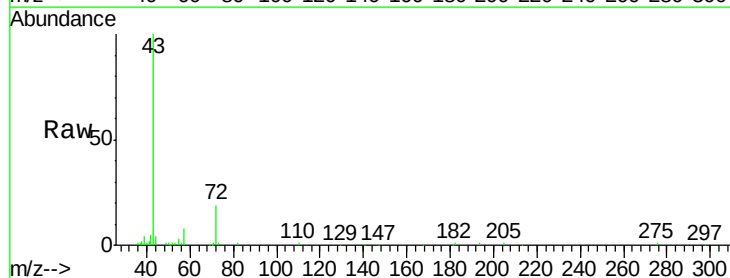


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

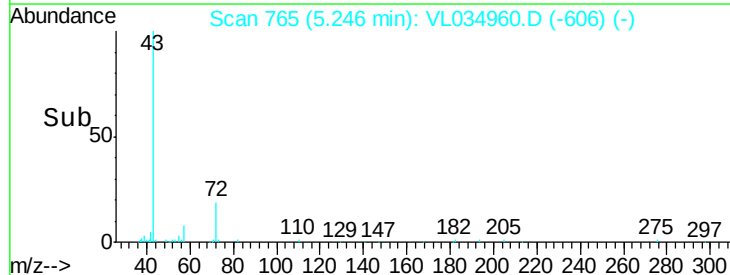
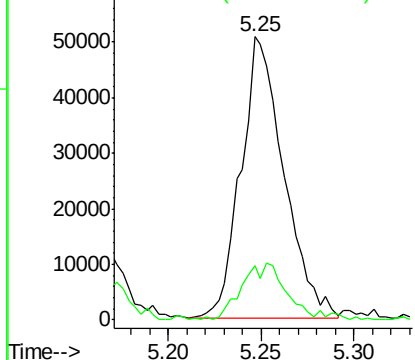


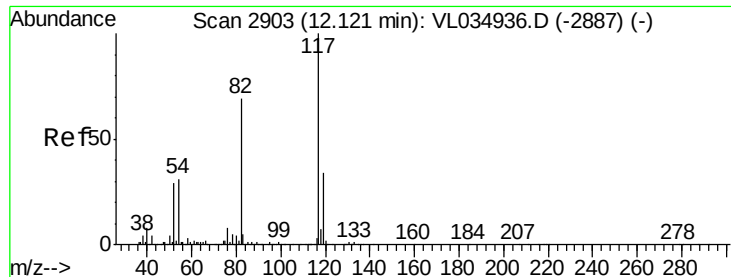
#34
 2-Butanone
 Concen: 0.489 ppbv
 RT: 5.25 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: VL034960.D
 Acq: 7 May 2020 8:05

Tgt Ion: 43 Resp: 81726
 Ion Ratio Lower Upper
 43 100
 72 22.5 18.0 27.0



Abundance Ion 43.10 (42.80 to 43.80): VL0
 Ion 72.10 (71.80 to 72.80): VL0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. -0.00 min

Lab File: VL034960.D

Acq: 7 May 2020 8:05

Instrument :

MSVOA_L

ClientSampleId :

SV-1DL2

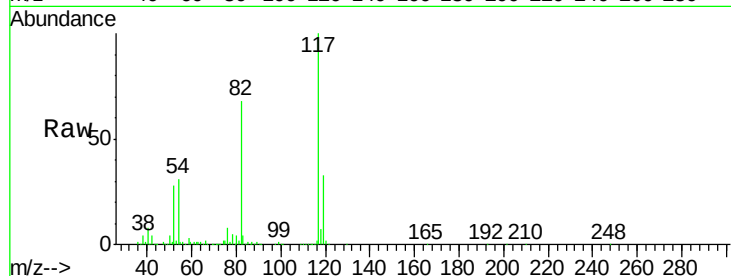
Tot Ion:117 Resp: 2488666

Ion Ratio Lower Upper

117 100

82 68.5 53.1 79.7

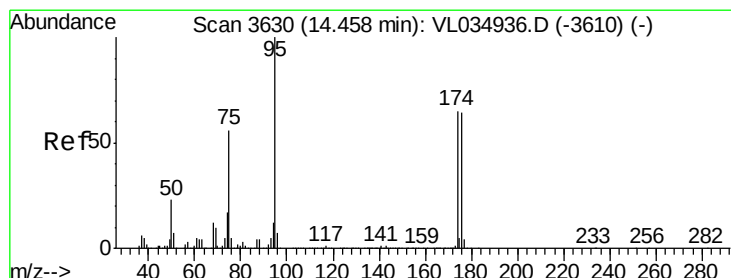
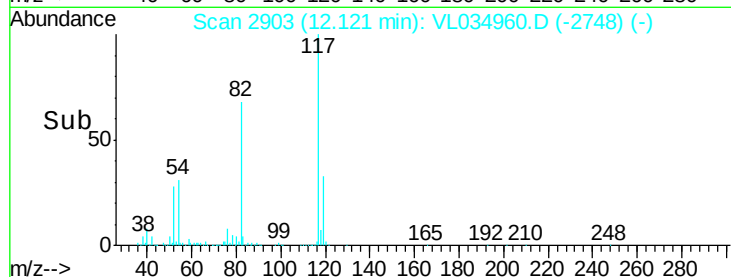
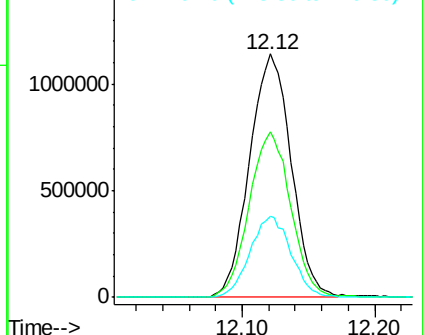
119 33.3 26.7 40.1



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: 10.198 ppbv

RT: 14.46 min Scan# 3630

Delta R.T. -0.00 min

Lab File: VL034960.D

Acq: 7 May 2020 8:05

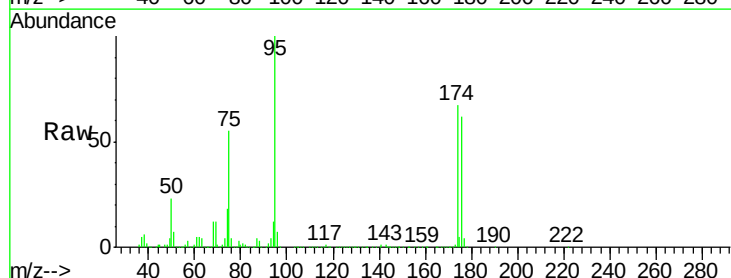
Tgt Ion: 95 Resp: 2054336

Ion Ratio Lower Upper

95 100

174 66.9 51.5 77.3

175 5.2 3.8 5.8



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

