

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036206.D
 Acq On : 24 Dec 2020 00:10
 Operator : SY/AP
 Sample : OC122220 CAN 10601
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122220 CAN 10601

Quant Time: Dec 24 05:27:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1328480	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2591020	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2294975	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2028471	11.13	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.30%

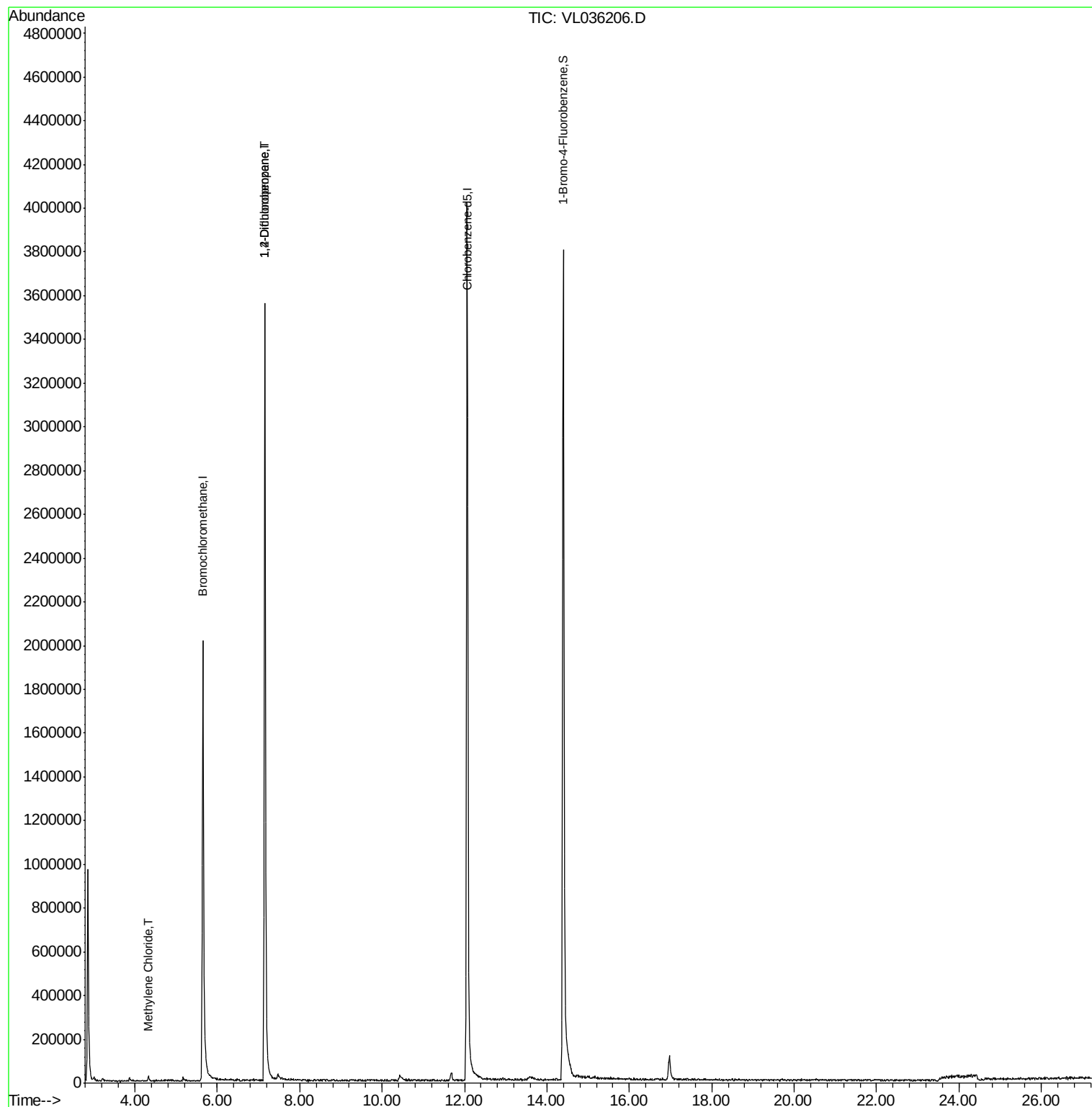
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	5030	0.077	ppbv #	63
39) 1,2-Dichloropropane	7.15	63	855505	9.865	ppbv #	25

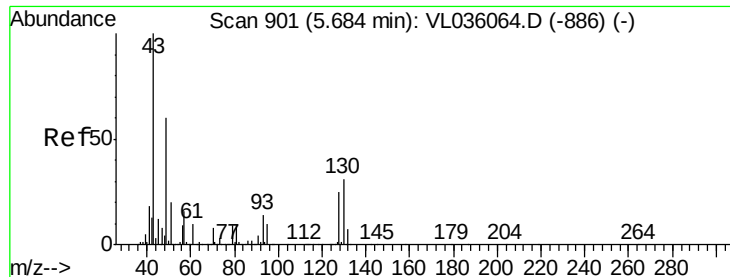
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

QC122220 CAN 10601

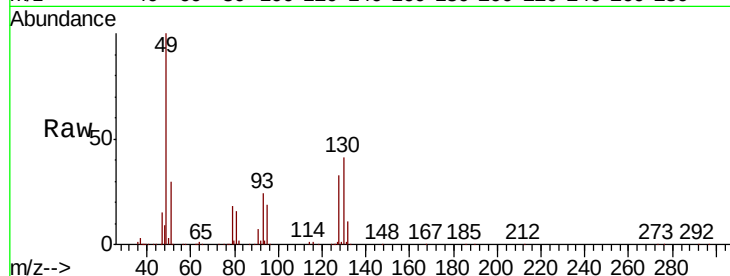
Tot Ion: 49 Resp: 1328480

Ion Ratio Lower Upper

49 100

128 36.9 21.1 63.1

130 46.2 27.1 81.3

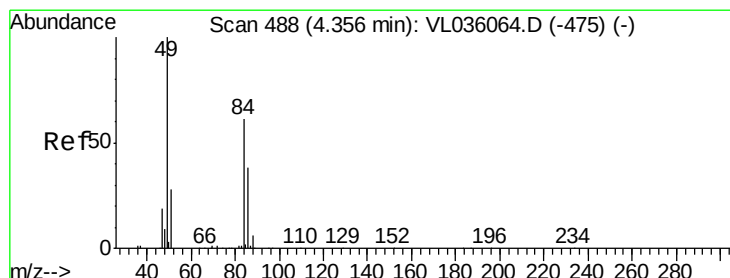
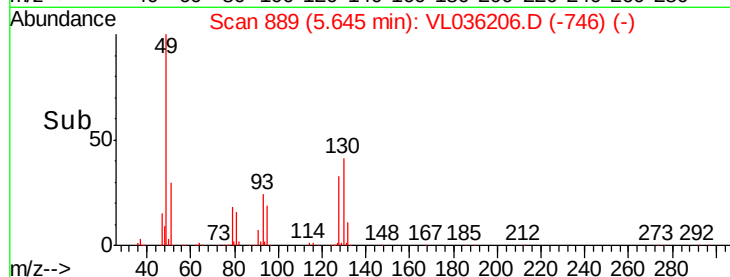
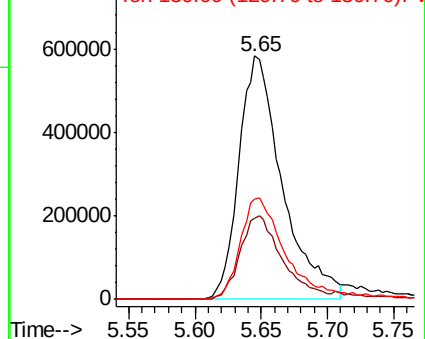


Abundance

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



#20

Methylene Chloride

Concen: 0.077 ppbv

RT: 4.33 min Scan# 481

Delta R.T. -0.02 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

Tgt Ion: 84 Resp: 5030

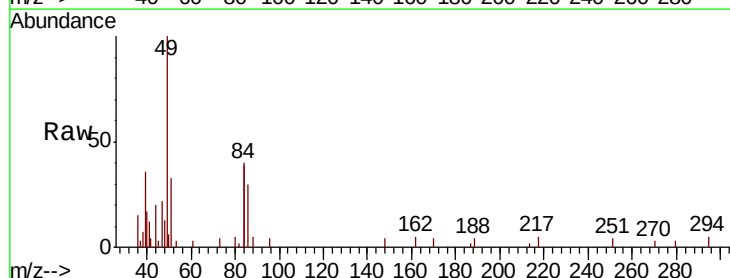
Ion Ratio Lower Upper

84 100

49 113.0 133.0 199.4#

51 36.6 38.9 58.3#

86 24.3 48.8 73.2#



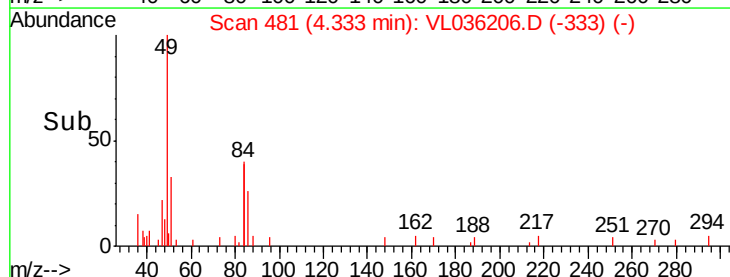
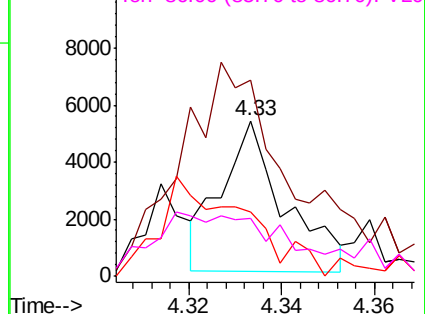
Abundance

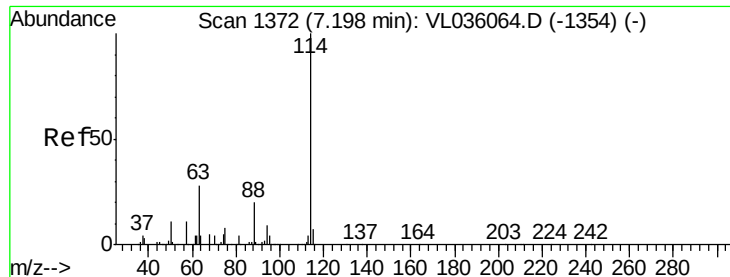
Ion 84.00 (83.70 to 84.70): VL0

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

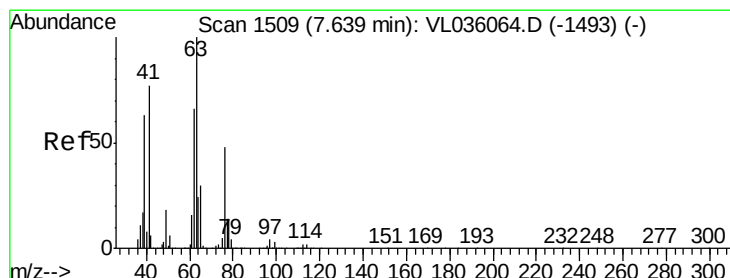
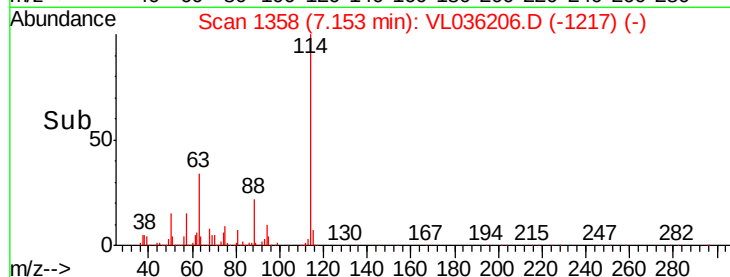
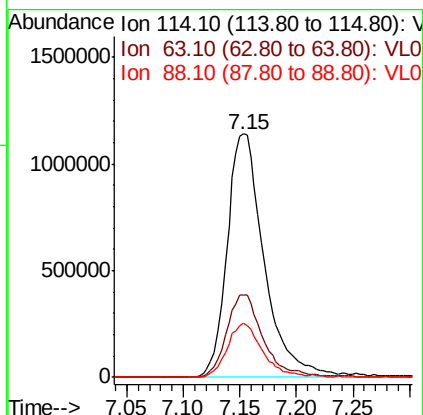
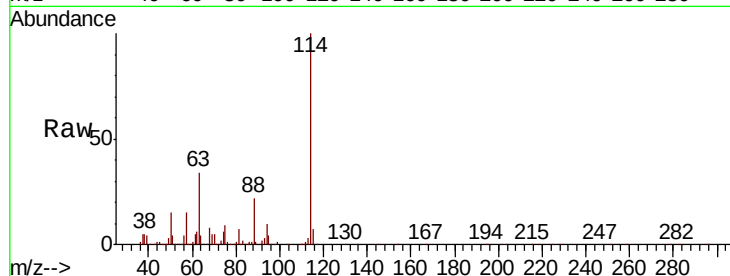




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15 min Scan# 1358
 Delta R.T. -0.05 min
 Lab File: VL036206.D
 Acq: 24 Dec 2020 00:10

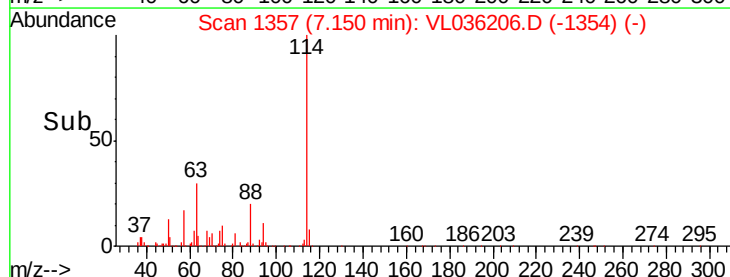
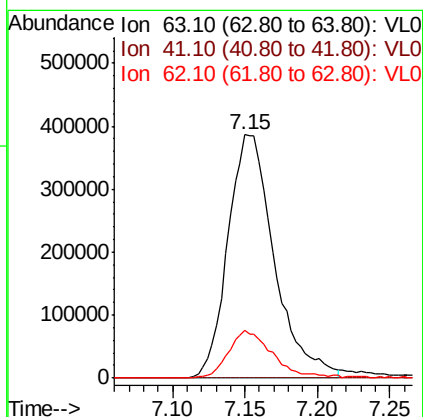
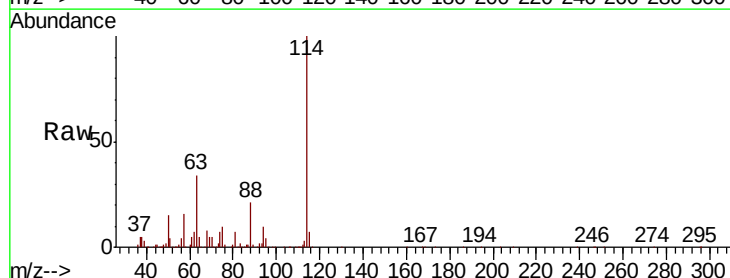
Instrument :
 MSVOA_L
 ClientSampleId :
 QC122220 CAN 10601

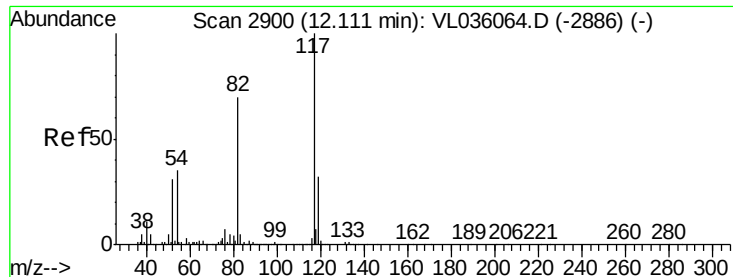
Tot Ion:114 Resp: 2591020
 Ion Ratio Lower Upper
 114 100
 63 34.5 23.6 35.4
 88 21.5 15.8 23.6



#39
 1,2-Dichloropropane
 Concen: 9.865 ppbv
 RT: 7.15 min Scan# 1357
 Delta R.T. -0.49 min
 Lab File: VL036206.D
 Acq: 24 Dec 2020 00:10

Tgt Ion: 63 Resp: 855505
 Ion Ratio Lower Upper
 63 100
 41 0.0 61.9 92.9#
 62 19.3 52.5 78.7#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.05 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

QC122220 CAN 10601

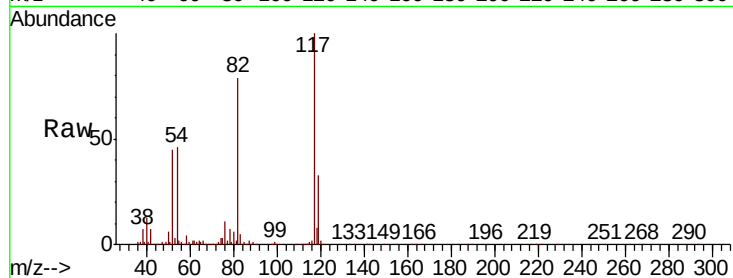
Tot Ion:117 Resp: 2294975

Ion Ratio Lower Upper

117 100

82 82.0 0.0 0.0#

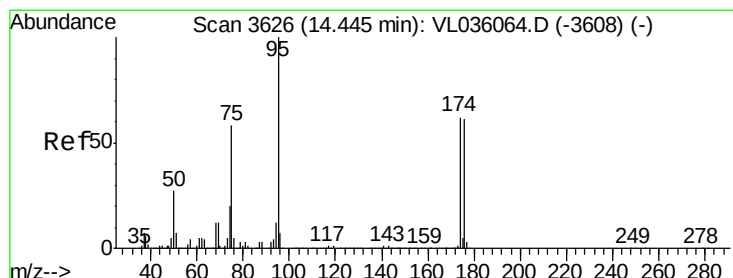
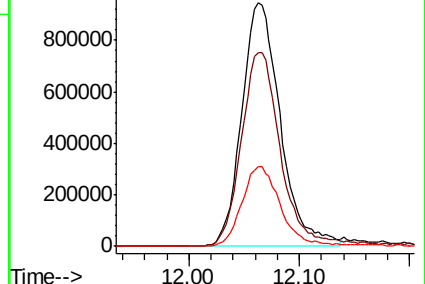
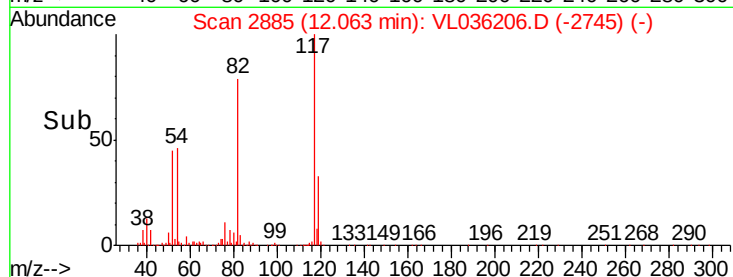
119 33.7 0.0 0.0#



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: 11.131 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.05 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

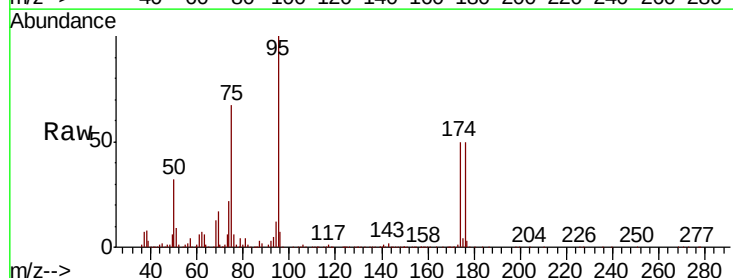
Tgt Ion: 95 Resp: 2028471

Ion Ratio Lower Upper

95 100

174 55.3 50.7 76.1

175 3.7 4.0 6.0#



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

