

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL081220\
 Data File : VL035391.D
 Acq On : 12 Aug 2020 22:16
 Operator : SY/AP
 Sample : VL0812ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

Quant Time: Aug 13 04:31:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081220AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 12 20:32:44 2020
 QLast Update : Wed Aug 12 20:32:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1488730	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3408537	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3208446	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2751496	10.62	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.20%

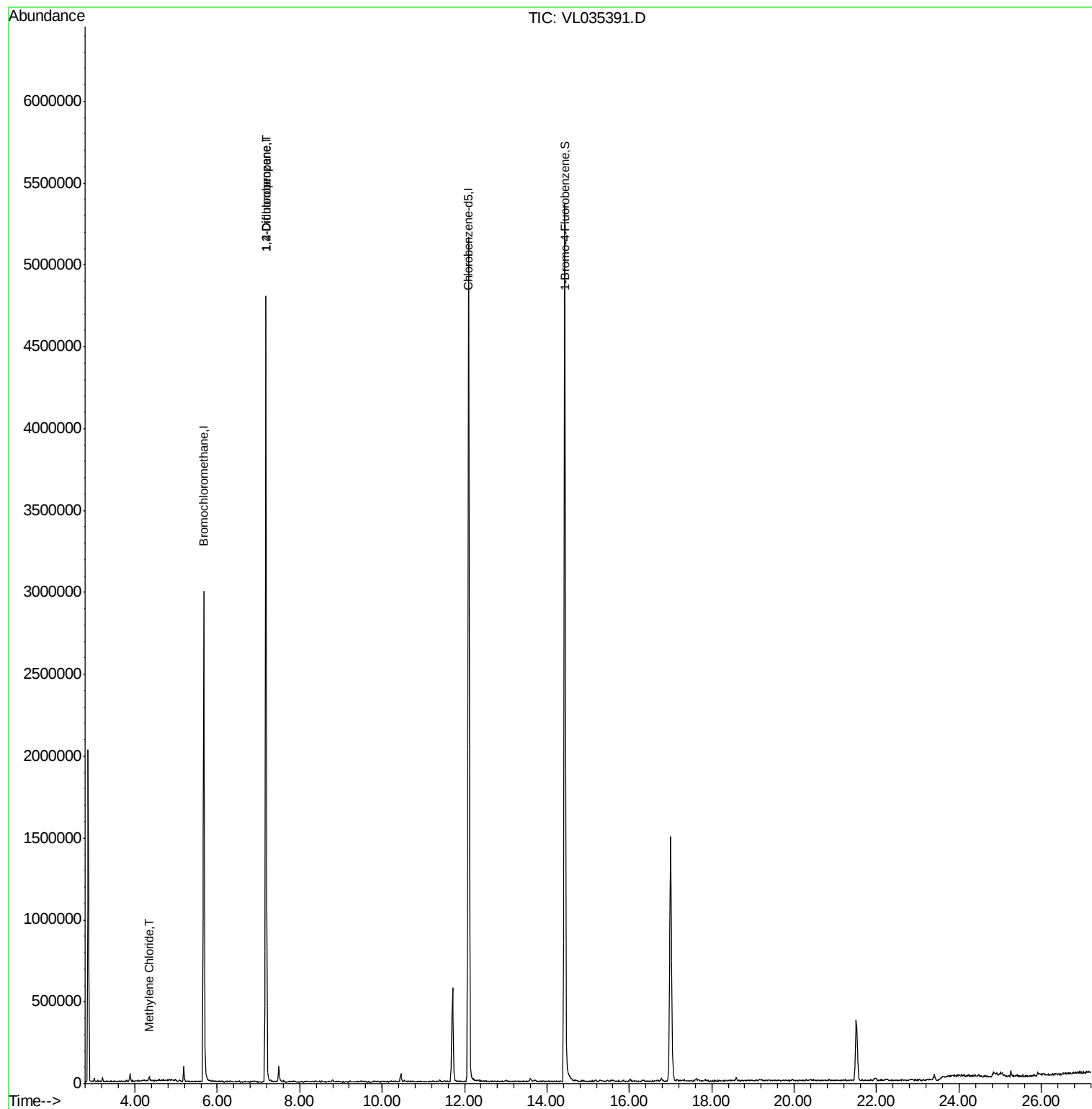
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	4223	0.060	ppbv #	49
39) 1,2-Dichloropropane	7.18	63	927793	7.169	ppbv #	25

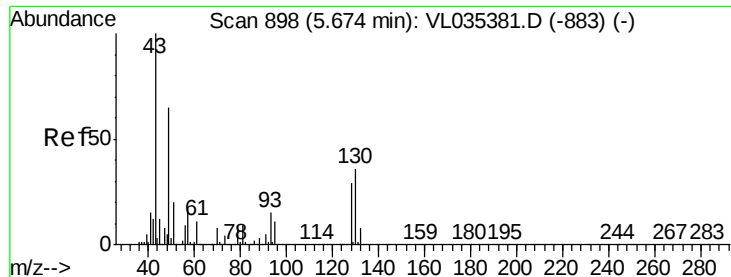
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Aug 12 20:32:44 2020
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. -0.01 min

Lab File: VL035391.D

Acq: 12 Aug 2020 22:16

Instrument :

MSVOA_L

ClientSampleId :

VL0812ABL01

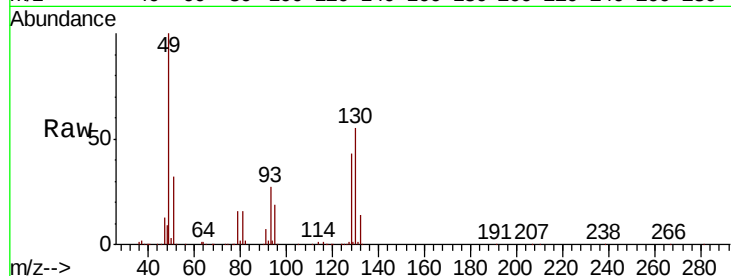
Tot Ion: 49 Resp: 1488730

Ion Ratio Lower Upper

49 100

128 44.1 21.8 65.3

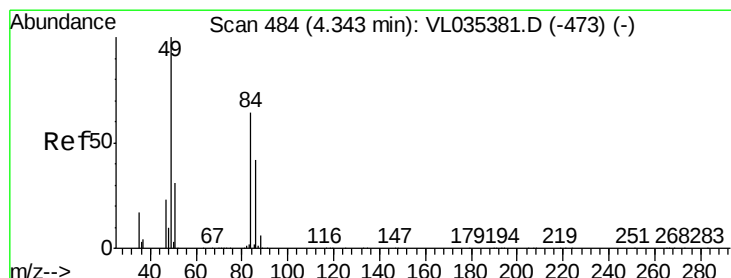
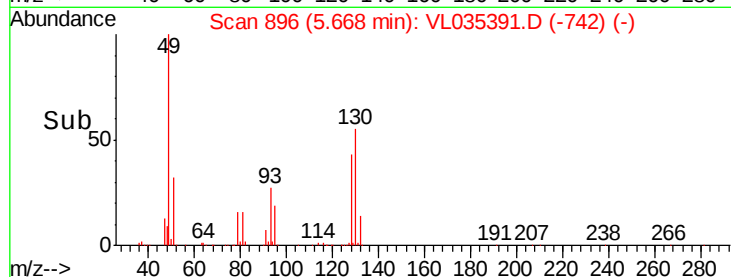
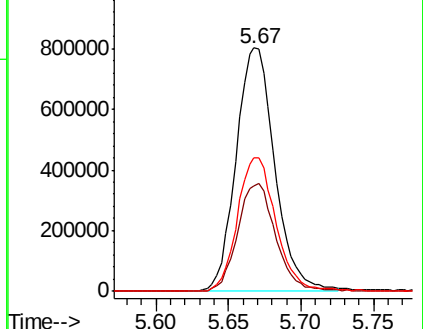
130 54.9 27.9 83.6



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



#20

Methylene Chloride

Concen: 0.060 ppbv

RT: 4.34 min Scan# 483

Delta R.T. -0.00 min

Lab File: VL035391.D

Acq: 12 Aug 2020 22:16

Tgt Ion: 84 Resp: 4223

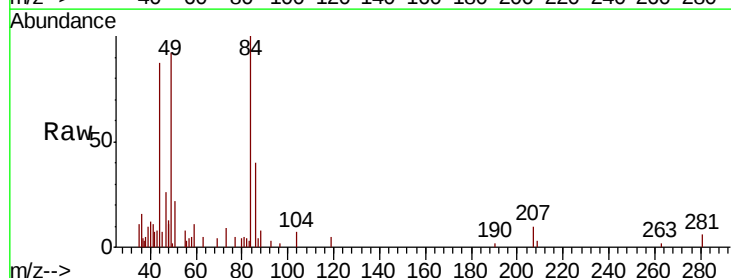
Ion Ratio Lower Upper

84 100

49 79.7 125.7 188.5#

51 15.3 38.5 57.7#

86 40.3 52.4 78.6#

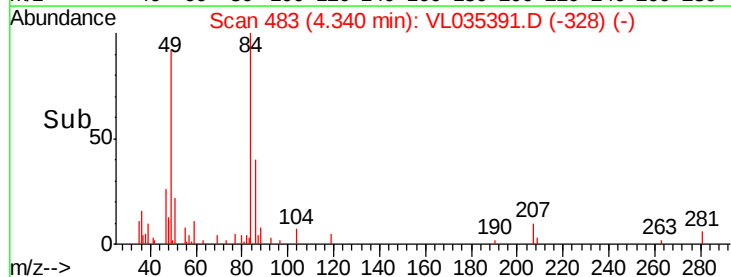
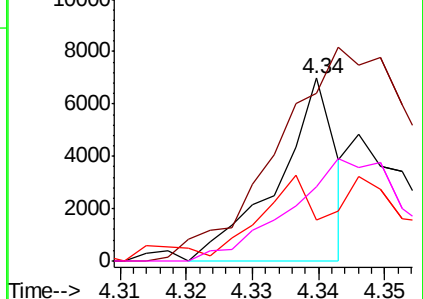


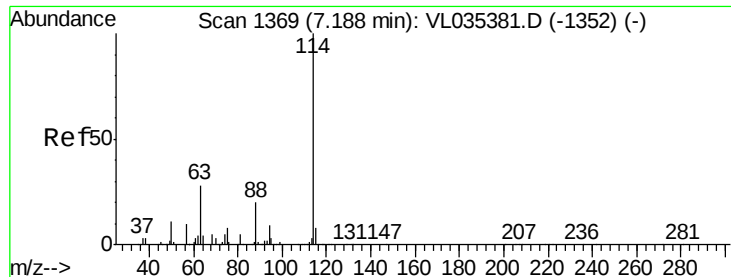
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

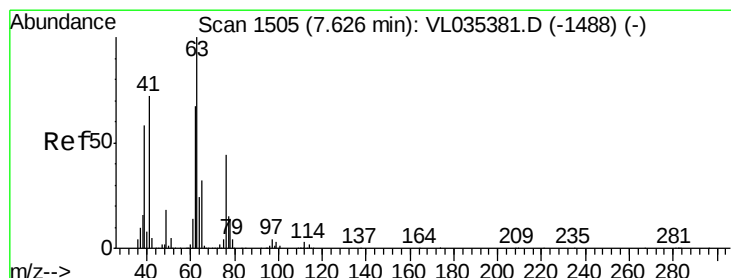
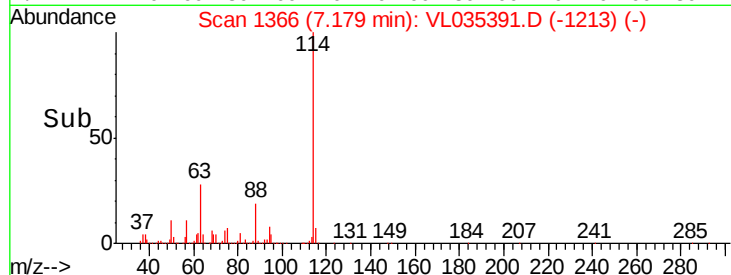
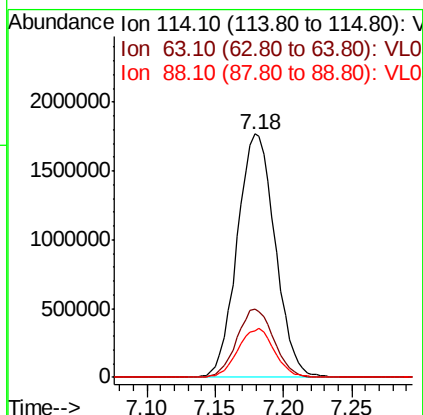
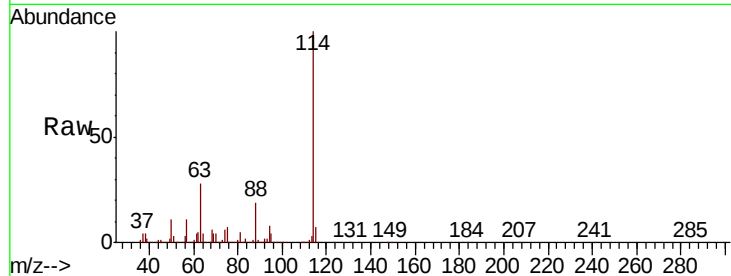




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.01 min
 Lab File: VL035391.D
 Acq: 12 Aug 2020 22:16

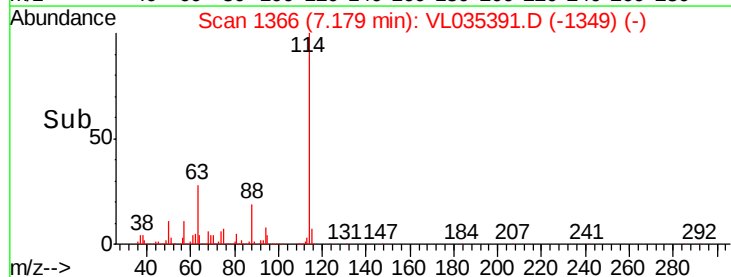
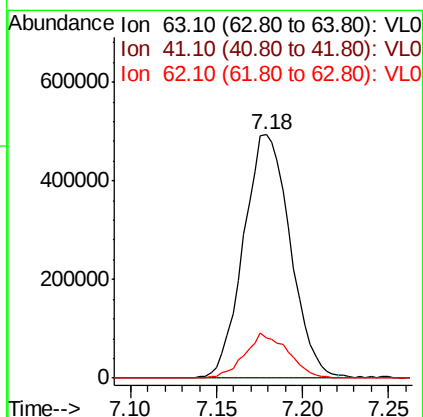
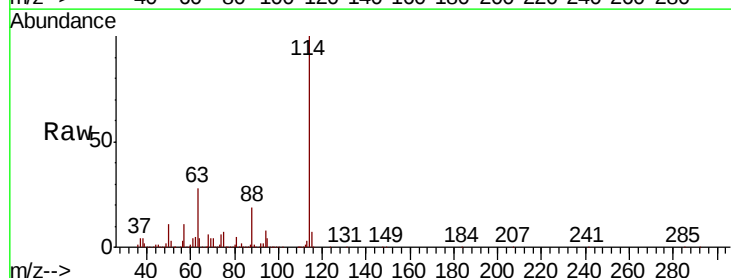
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0812ABL01

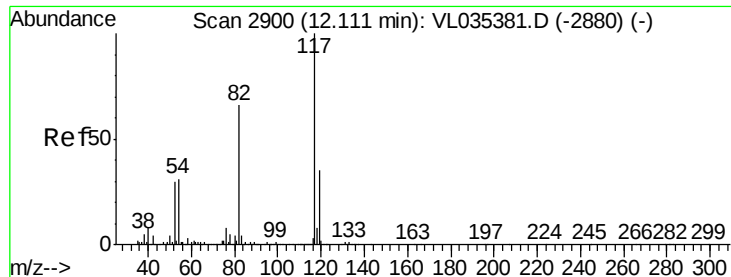
Tot Ion:114 Resp: 3408537
 Ion Ratio Lower Upper
 114 100
 63 27.5 21.5 32.3
 88 19.5 15.6 23.4



#39
 1,2-Dichloropropane
 Concen: 7.169 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.45 min
 Lab File: VL035391.D
 Acq: 12 Aug 2020 22:16

Tgt Ion: 63 Resp: 927793
 Ion Ratio Lower Upper
 63 100
 41 0.1 57.4 86.2#
 62 16.6 53.6 80.4#

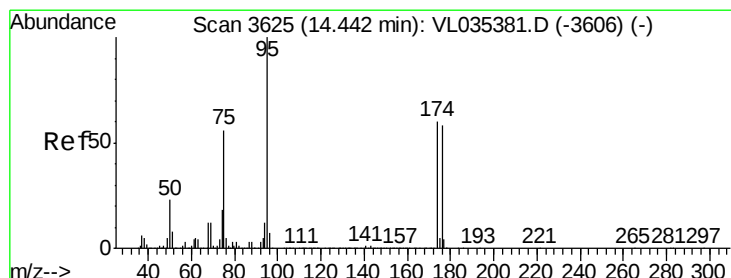
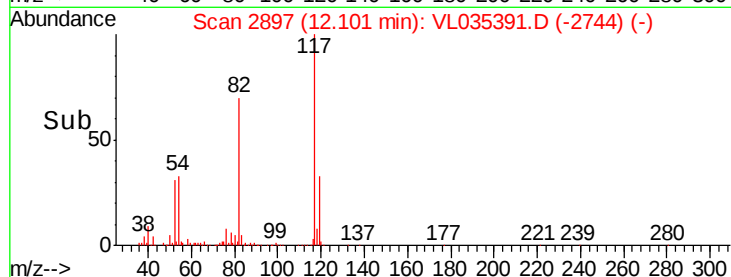
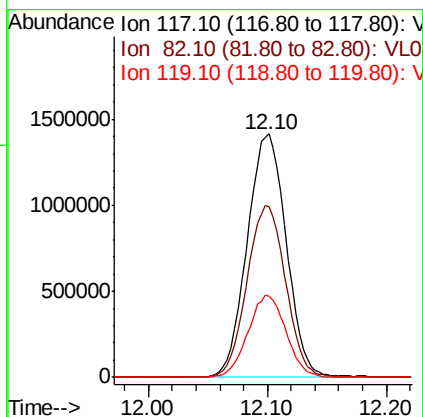
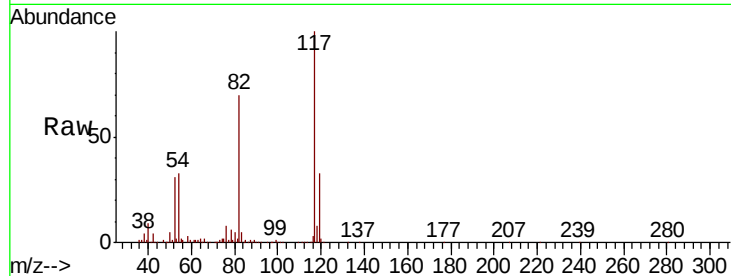




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Instrument :
MSVOA_L
ClientSampleId :
VL0812ABL01

Tot Ion:117 Resp: 3208446
Ion Ratio Lower Upper
117 100
82 70.3 53.0 79.6
119 33.1 25.7 38.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.621 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035391.D
Acq: 12 Aug 2020 22:16

Tgt Ion: 95 Resp: 2751496
Ion Ratio Lower Upper
95 100
174 57.3 48.2 72.2
175 4.3 3.7 5.5

