

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035757.D
 Acq On : 12 Oct 2020 11:22
 Operator : SY/AP
 Sample : VL1012ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1012ABL01

Quant Time: Oct 13 00:18:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1185857	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.16	114	4361386	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.08	117	4385683	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3243131	9.87	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.70%

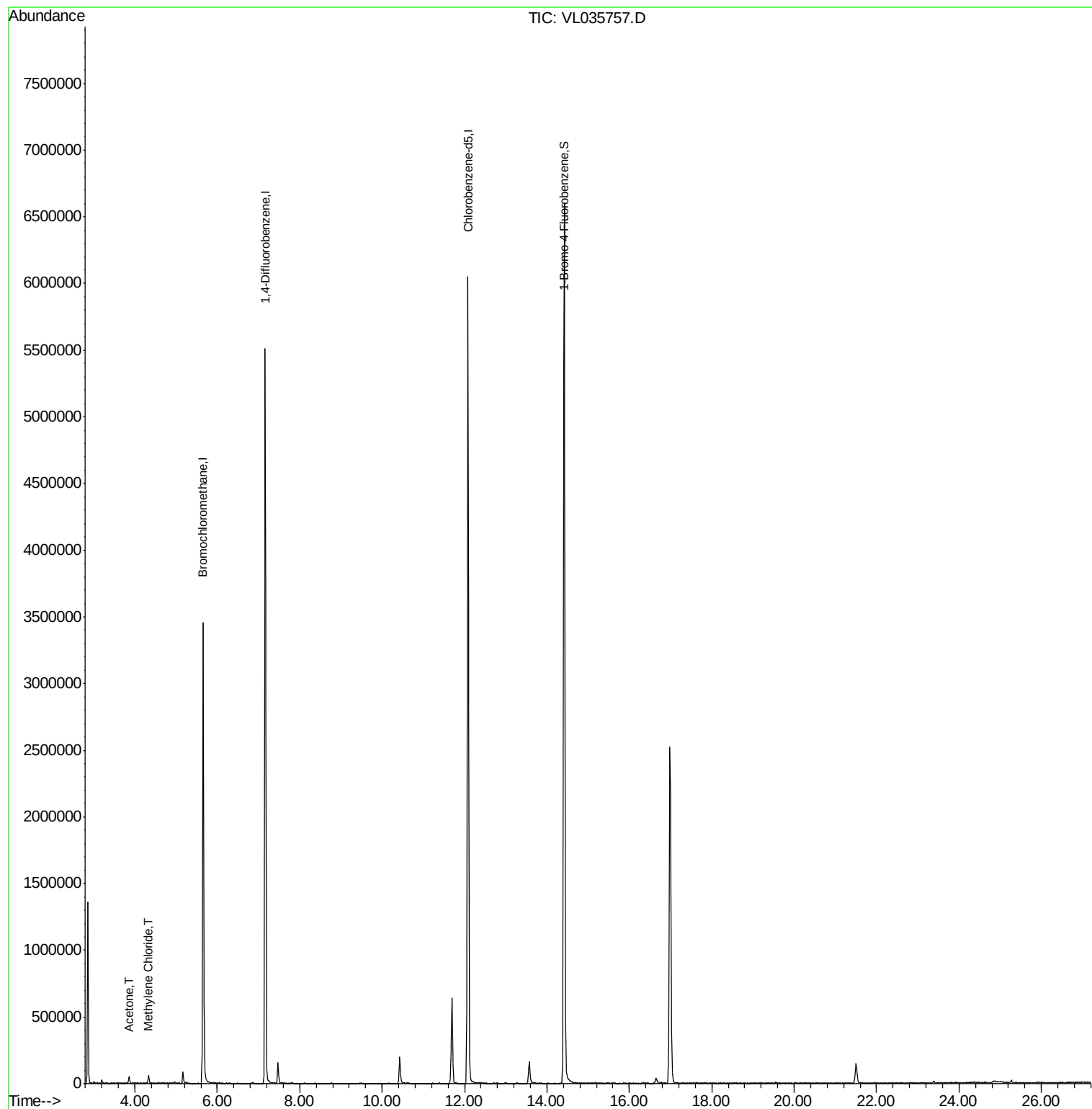
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	36576	0.287	ppbv	# 25
20) Methylene Chloride	4.33	84	25582	0.273	ppbv	97

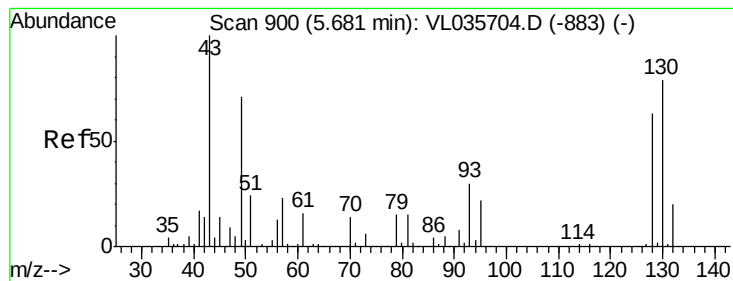
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 23 07:38:05 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.03 min

Lab File: VL035757.D

Acq: 12 Oct 2020 11:22

Instrument :

MSVOA_L

ClientSampleId :

VL1012ABL01

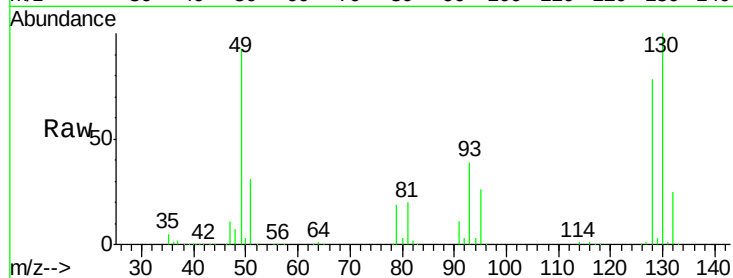
Tot Ion: 49 Resp: 1185857

Ion Ratio Lower Upper

49 100

128 84.0 43.1 129.4

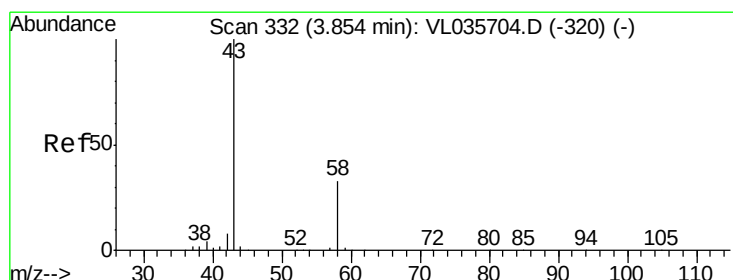
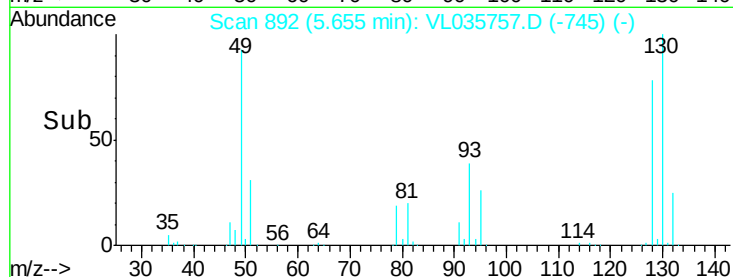
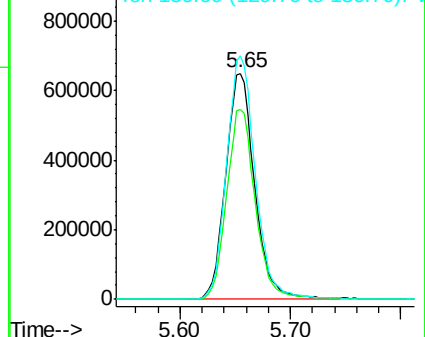
130 107.3 54.9 164.7



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: 0.287 ppbv

RT: 3.85 min Scan# 332

Delta R.T. -0.00 min

Lab File: VL035757.D

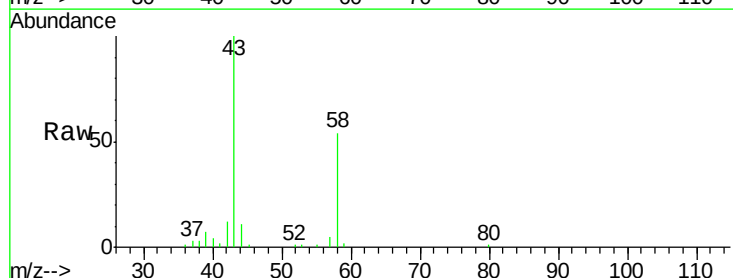
Acq: 12 Oct 2020 11:22

Tgt Ion: 43 Resp: 36576

Ion Ratio Lower Upper

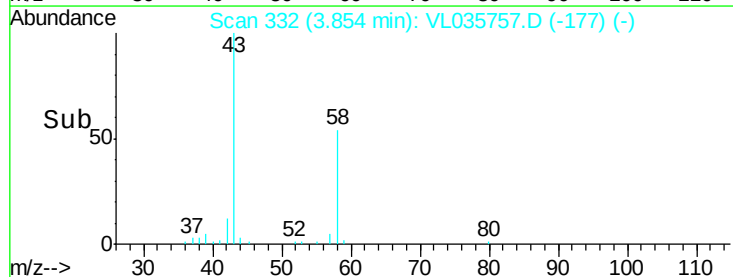
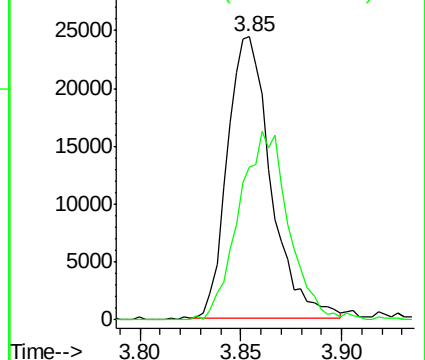
43 100

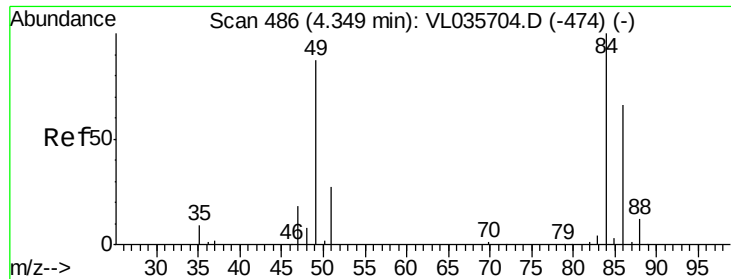
58 77.2 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

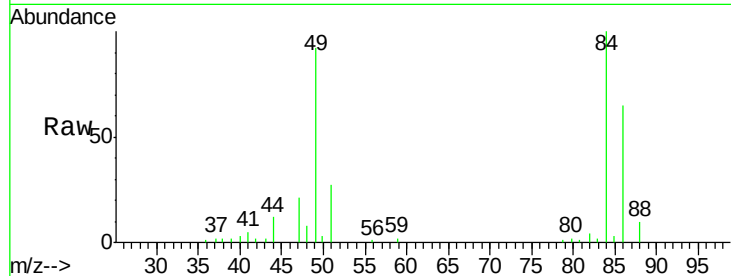




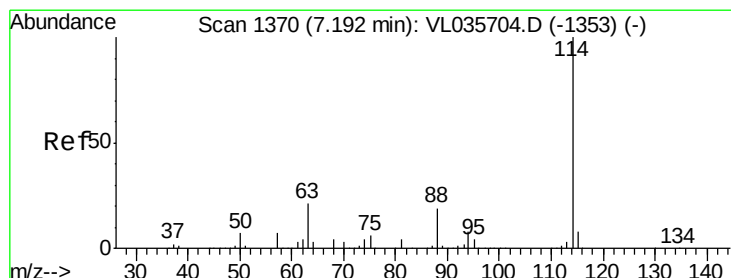
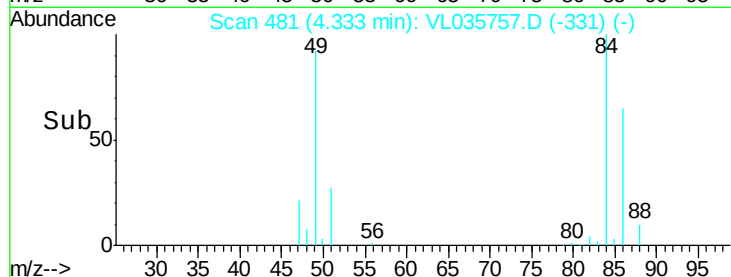
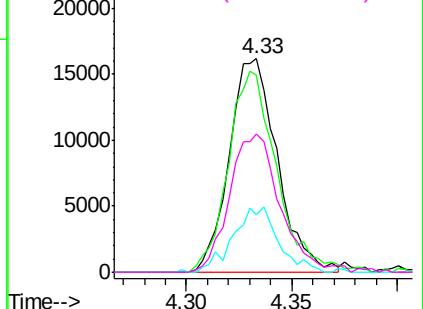
#20
Methylene Chloride
Concen: 0.273 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.02 min
Lab File: VL035757.D
Acq: 12 Oct 2020 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL1012ABL01

Tot Ion:	84	Resp:	25582
Ion	Ratio	Lower	Upper
84	100		
49	92.1	69.8	104.6
51	26.7	21.8	32.8
86	64.5	52.6	78.8

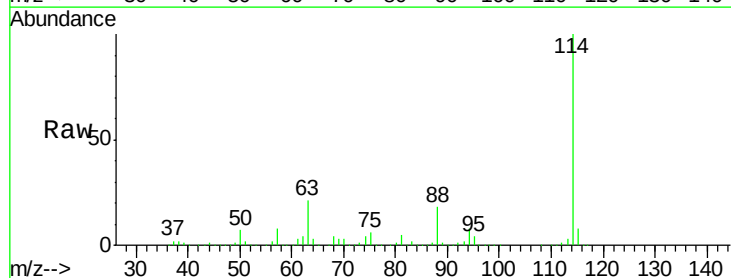


Abundance Ion 84.00 (83.70 to 84.70): VL0
Ion 49.10 (48.80 to 49.80): VL0
Ion 51.10 (50.80 to 51.80): VL0
Ion 86.00 (85.70 to 86.70): VL0

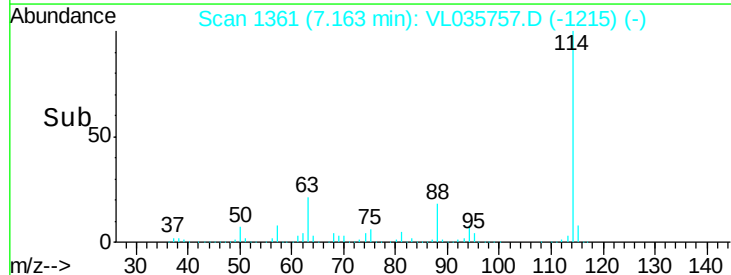
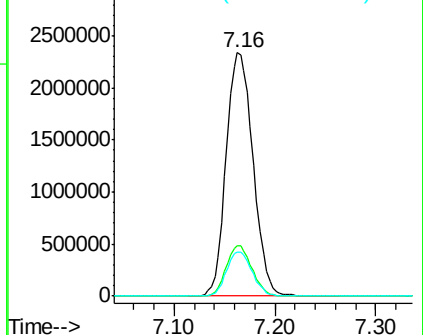


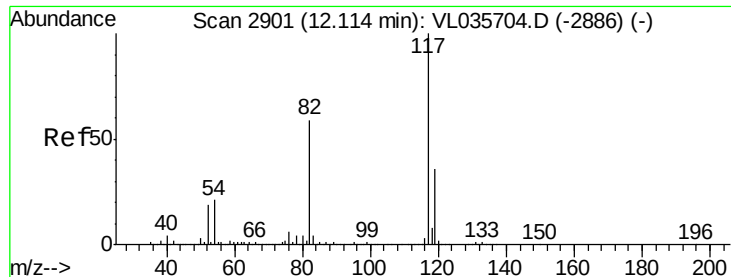
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.03 min
Lab File: VL035757.D
Acq: 12 Oct 2020 11:22

Tgt Ion:	114	Resp:	4361386
Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	17.4	14.1	21.1



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

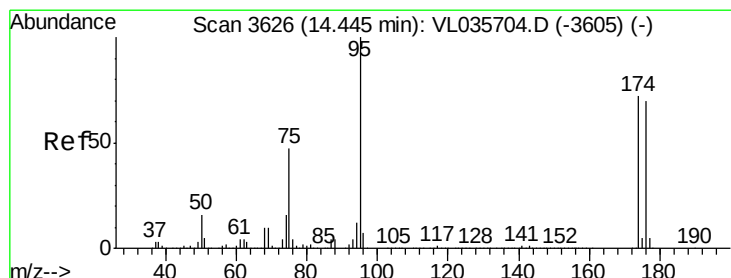
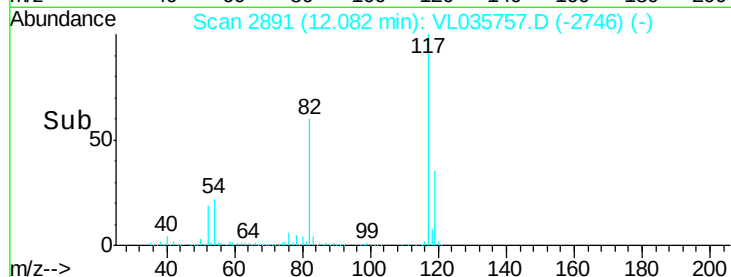
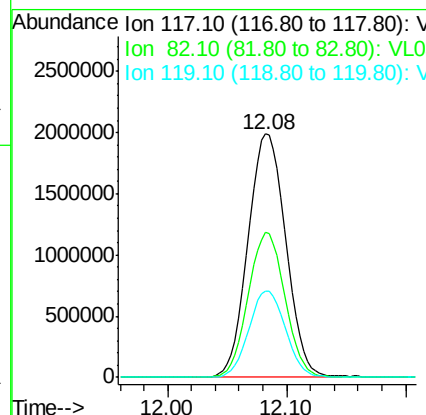
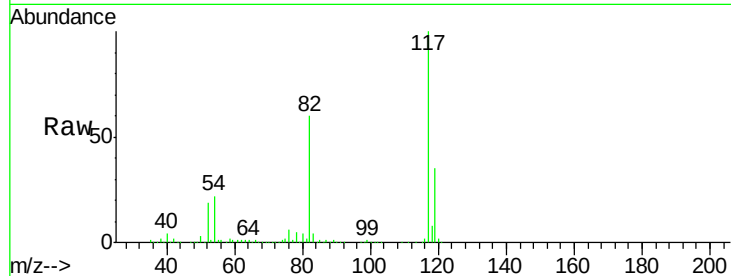




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. -0.03 min
Lab File: VL035757.D
Acq: 12 Oct 2020 11:22

Instrument :
MSVOA_L
ClientSampleId :
VL1012ABL01

Tot Ion:117 Resp: 4385683
Ion Ratio Lower Upper
117 100
82 58.3 46.1 69.1
119 34.7 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.868 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. -0.03 min
Lab File: VL035757.D
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Tgt Ion: 95 Resp: 3243131
Ion Ratio Lower Upper
95 100
174 77.4 59.6 89.4
175 5.5 4.2 6.4

