

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037560.D
 Acq On : 7 Sep 2021 20:55
 Operator : SY/AP
 Sample : CAN 10295
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10295

Quant Time: Sep 08 11:11:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Aug 17 02:13:47 2021
 QLast Update : Tue Aug 17 02:13:47 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1630433	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4864405	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4255030	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3024026	10.00	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%

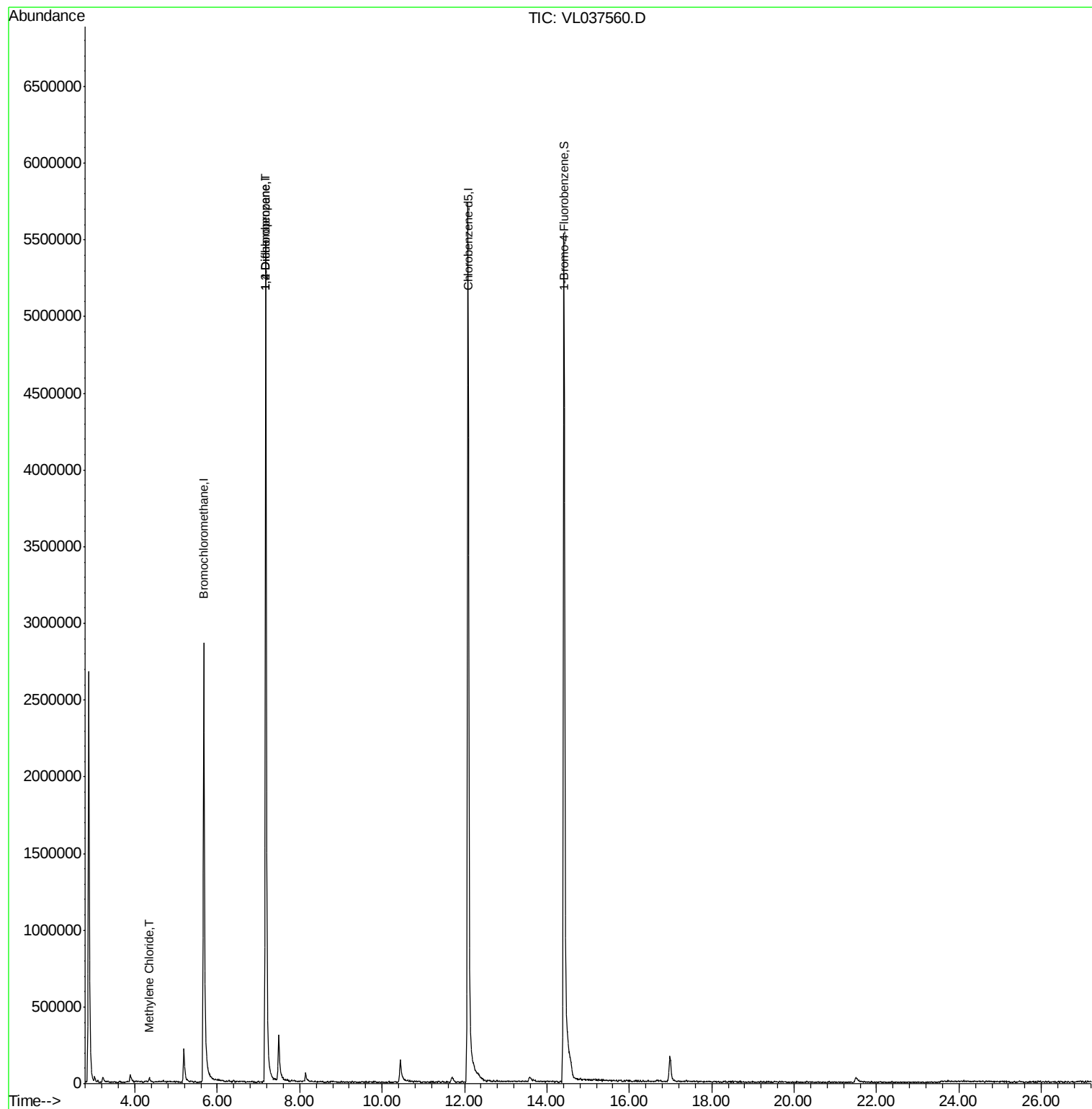
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	4784	0.058	ppbv #	53
39) 1,2-Dichloropropane	7.18	63	1154656	7.348	ppbv #	27

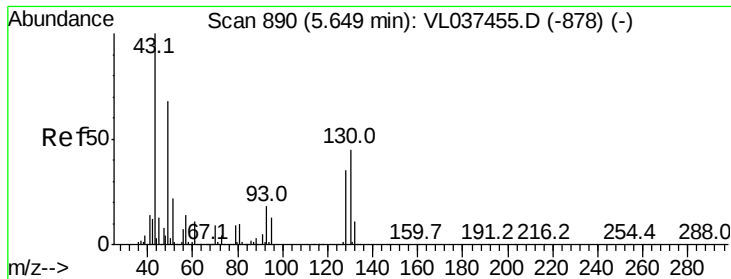
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10295

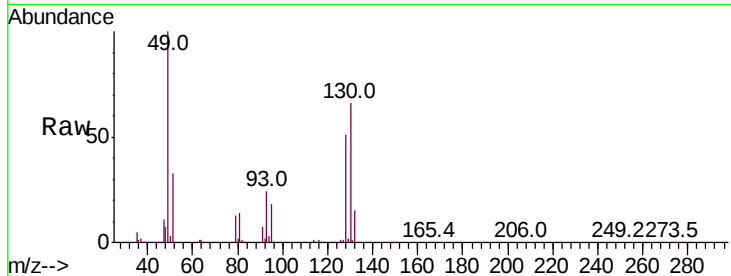
Tot Ion: 49 Resp: 1630433

Ion Ratio Lower Upper

49 100

128 55.2 27.5 82.4

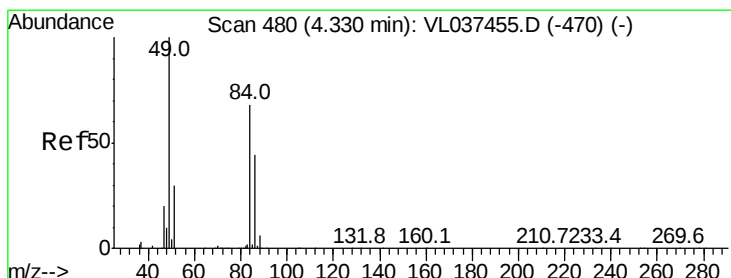
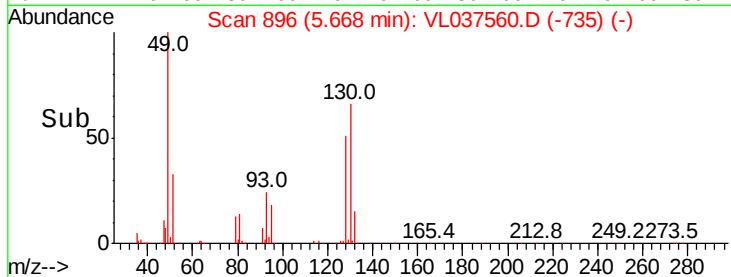
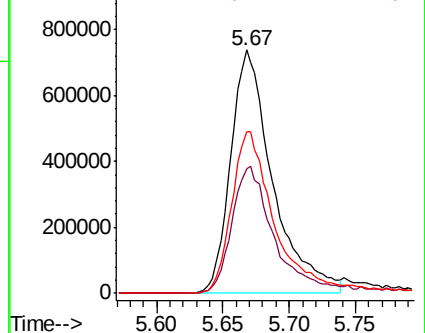
130 70.8 34.0 101.8



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



#20

Methylene Chloride

Concen: 0.058 ppbv

RT: 4.34 min Scan# 483

Delta R.T. 0.01 min

Lab File: VL037560.D

Acq: 7 Sep 2021 20:55

Tgt Ion: 84 Resp: 4784

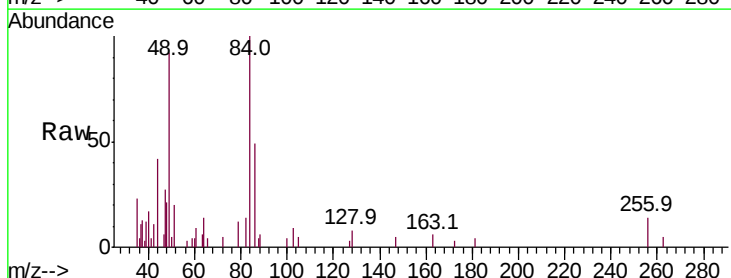
Ion Ratio Lower Upper

84 100

49 75.6 118.2 177.2#

51 20.2 36.6 55.0#

86 40.7 51.8 77.6#

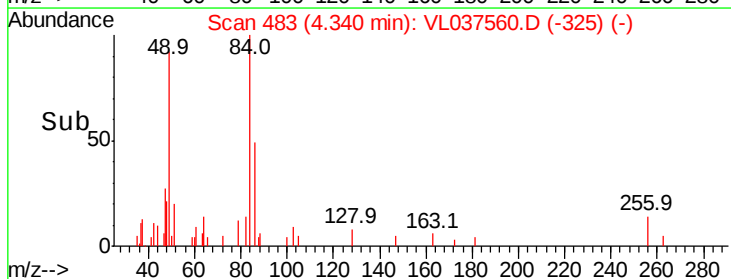
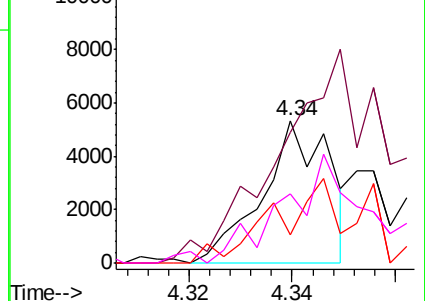


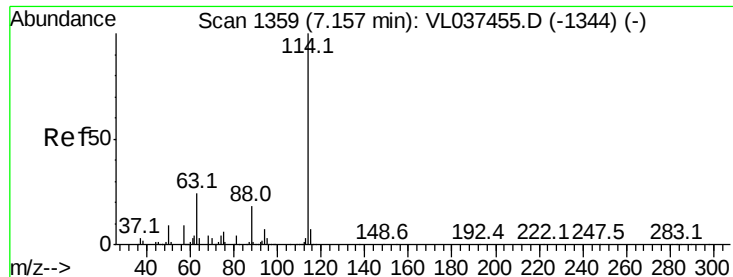
Abundance Ion 84.00 (83.70 to 84.70): VL0

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# 1365

Delta R.T. 0.02 min

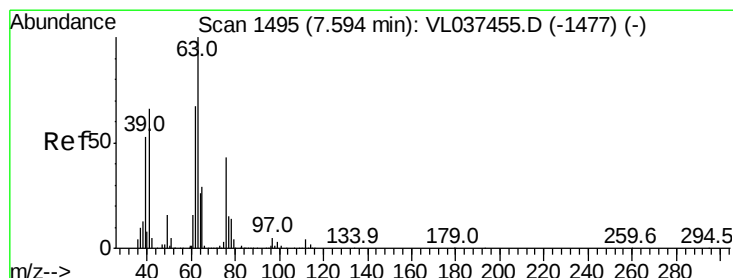
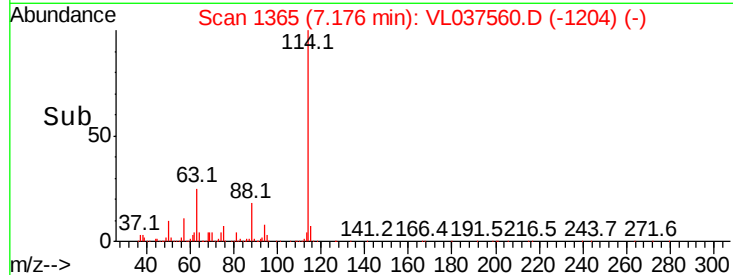
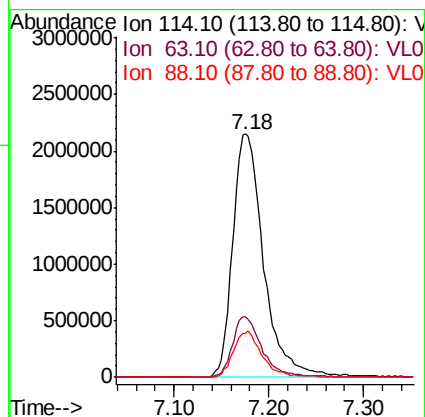
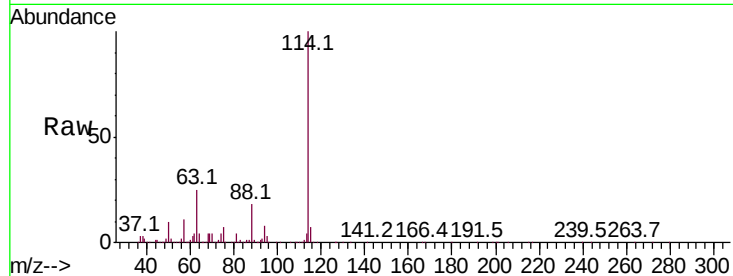
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Acq: 7 Sep 2021 20:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10295

Tot Ion:114 Resp: 4864405

Ion	Ratio	Lower	Upper
114	100		
63	24.4	19.3	28.9
88	18.1	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.348 ppbv

RT: 7.18 min Scan# 1365

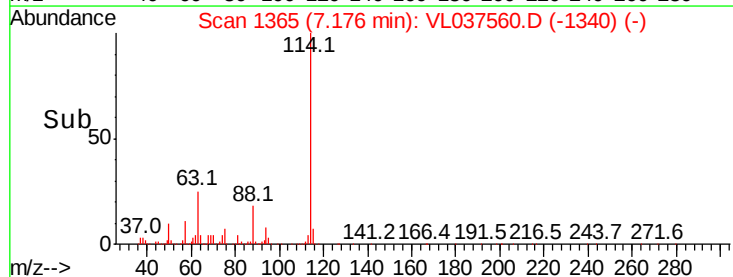
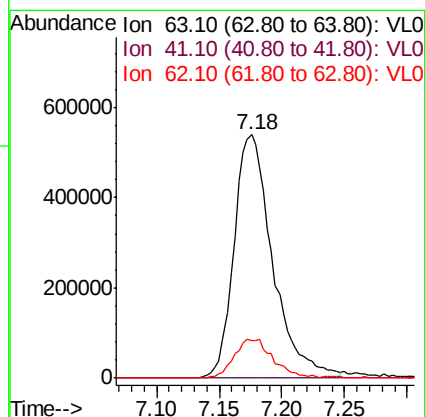
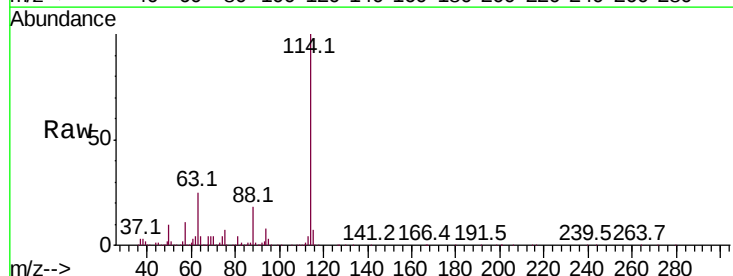
Delta R.T. -0.42 min

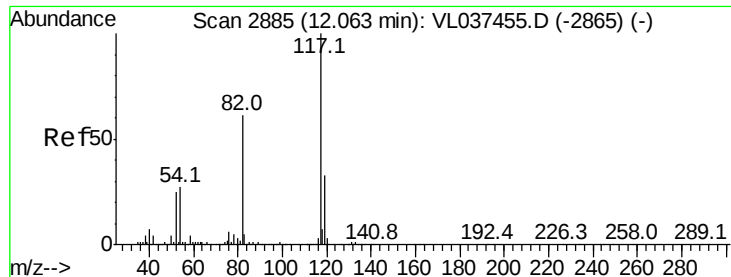
Lab File: VL037560.D

Acq: 7 Sep 2021 20:55

Tgt Ion: 63 Resp: 1154656

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	15.5	53.6	80.4#

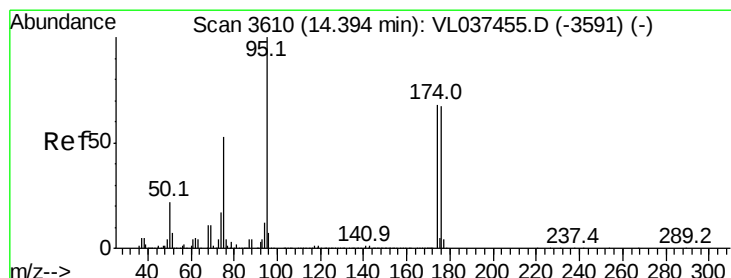
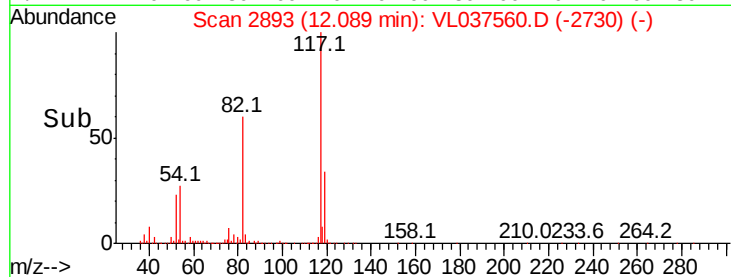
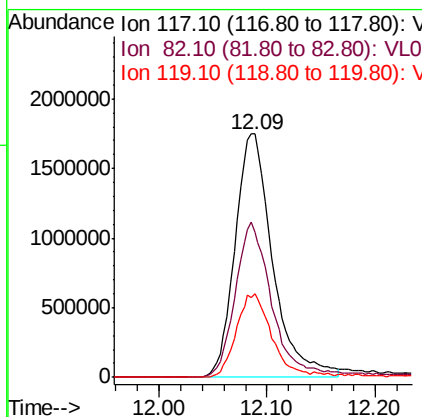
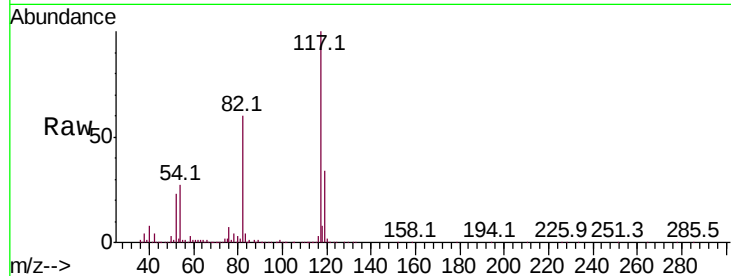




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2893
Delta R.T. 0.03 min
Lab File: VL037560.D
Acq: 7 Sep 2021 20:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10295

Tot Ion:117 Resp: 4255030
Ion Ratio Lower Upper
117 100
82 66.6 52.9 79.3
119 33.7 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.003 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.02 min
Lab File: VL037560.D
Acq: 7 Sep 2021 20:55

Tgt Ion: 95 Resp: 3024026
Ion Ratio Lower Upper
95 100
174 76.6 59.6 89.4
175 5.6 4.6 7.0

