

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090721\
 Data File : VL037559.D
 Acq On : 7 Sep 2021 20:17
 Operator : SY/AP
 Sample : CAN 10439
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10439

Quant Time: Sep 08 11:11:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	1641276	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4833273	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4318446	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2950793	9.62	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.20%

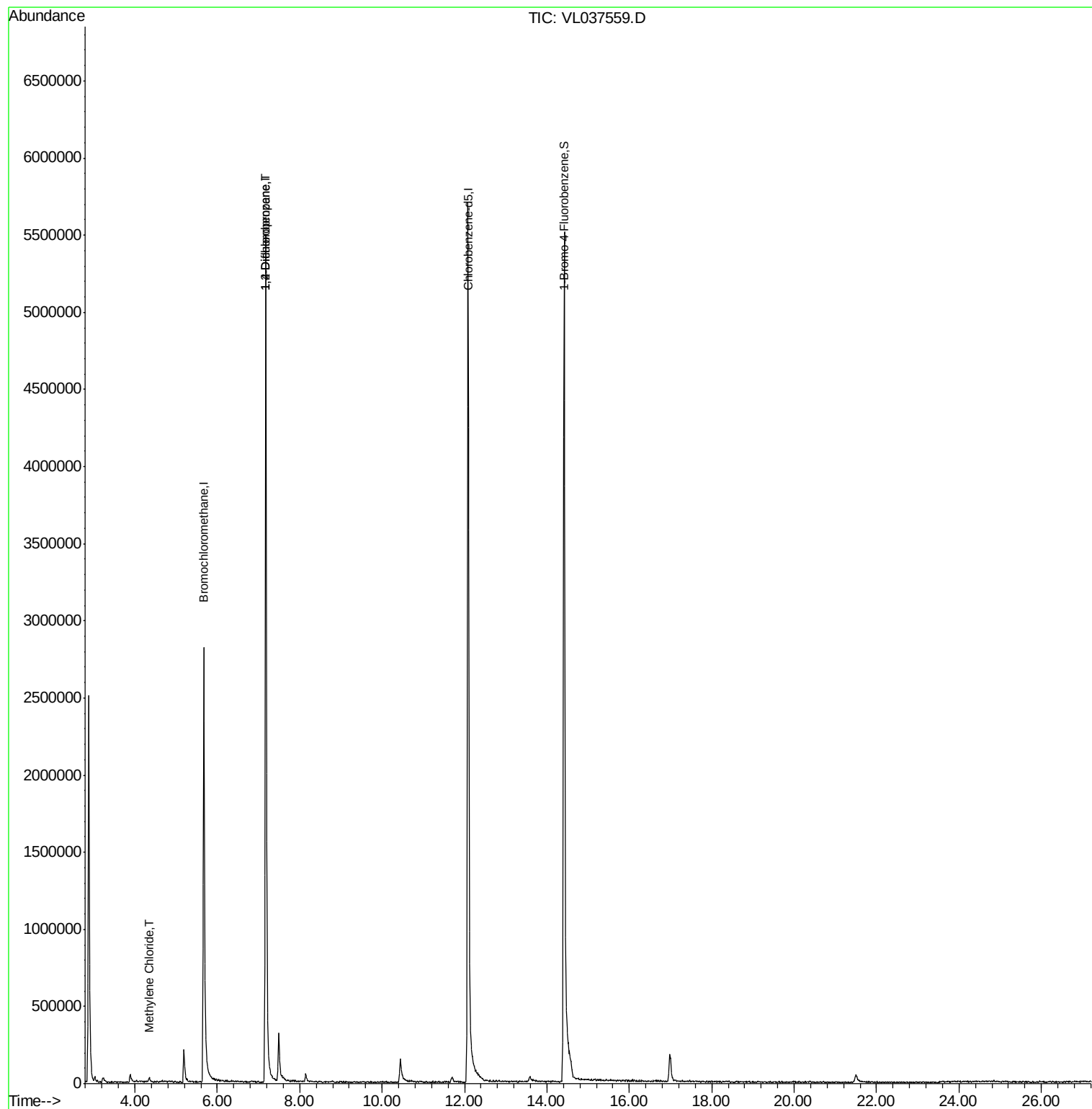
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.35	84	7046	0.084	ppbv #	88
39) 1,2-Dichloropropane	7.17	63	1158064	7.417	ppbv #	27

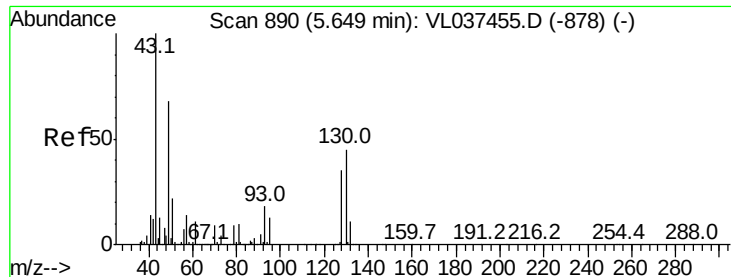
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 17 02:13:47 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037559.D

Acq: 7 Sep 2021 20:17

Instrument :

MSVOA_L

ClientSampled :

CAN 10439

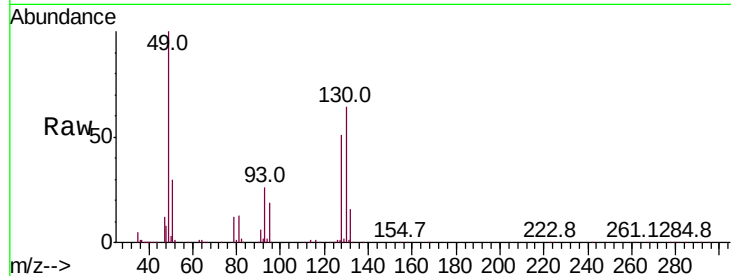
Tot Ion: 49 Resp: 1641276

Ion Ratio Lower Upper

49 100

128 53.8 27.5 82.4

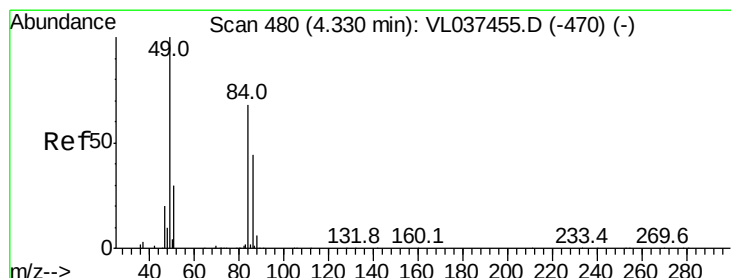
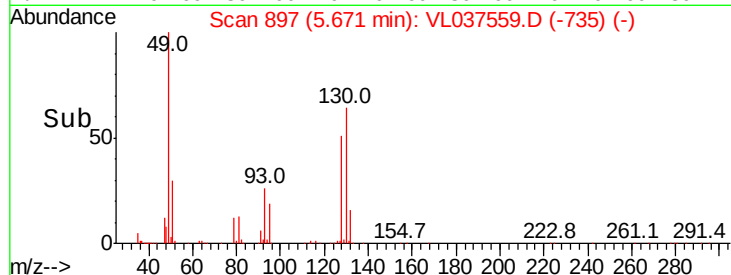
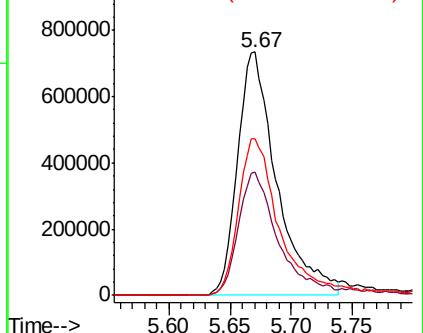
130 69.3 34.0 101.8



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: 0.084 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.02 min

Lab File: VL037559.D

Acq: 7 Sep 2021 20:17

Tgt Ion: 84 Resp: 7046

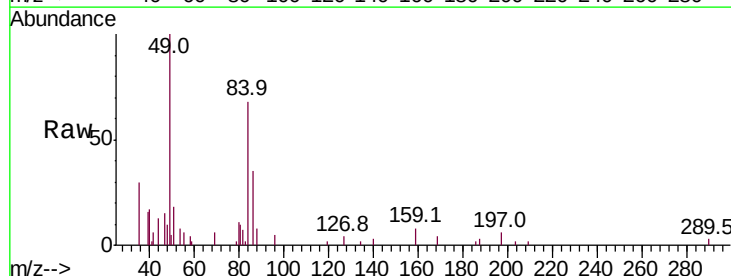
Ion Ratio Lower Upper

84 100

49 151.1 118.2 177.2

51 26.2 36.6 55.0#

86 48.9 51.8 77.6#

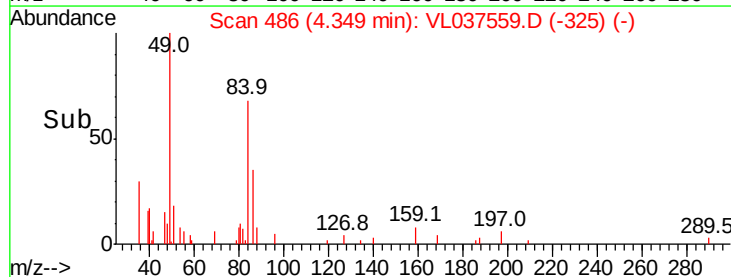
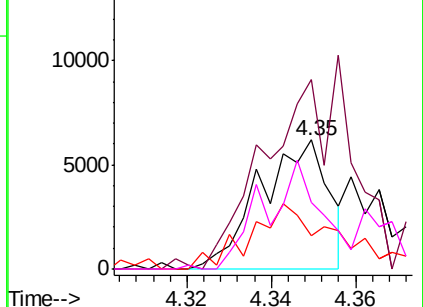


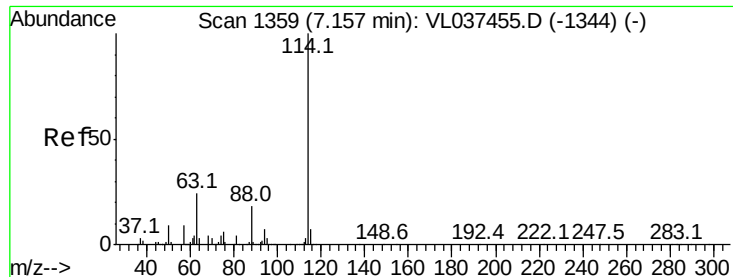
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

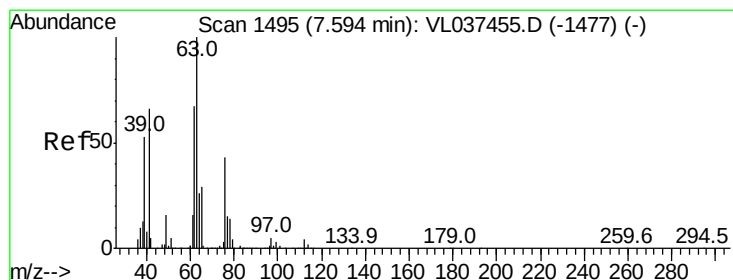
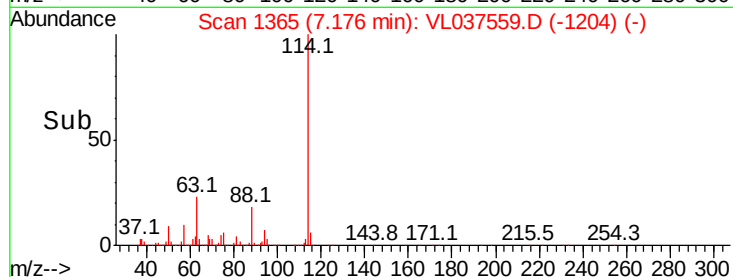
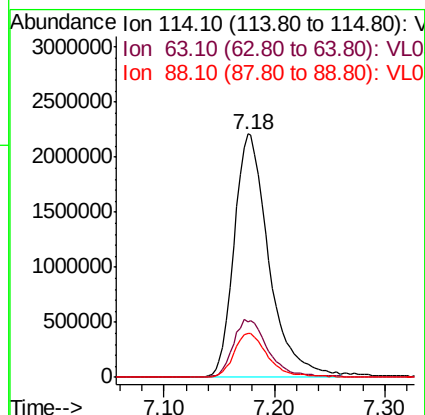
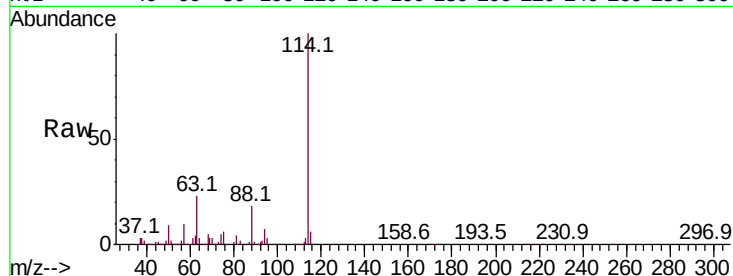
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Instrument :
MSVOA_L
ClientSampleId :
CAN 10439

Tot Ion:114 Resp: 4833273

Ion	Ratio	Lower	Upper
114	100		
63	24.5	19.3	28.9
88	18.0	14.2	21.4



#39

1,2-Dichloropropane

Concen: 7.417 ppbv

RT: 7.17 min Scan# 1364

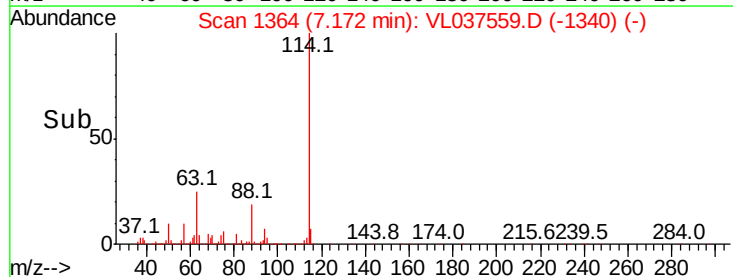
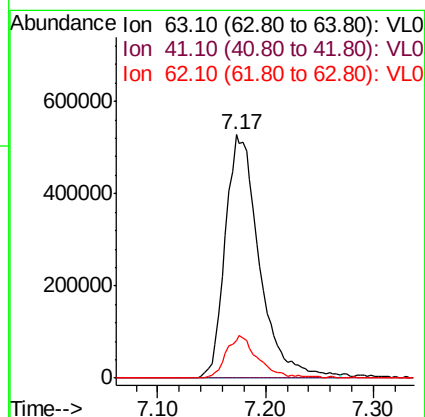
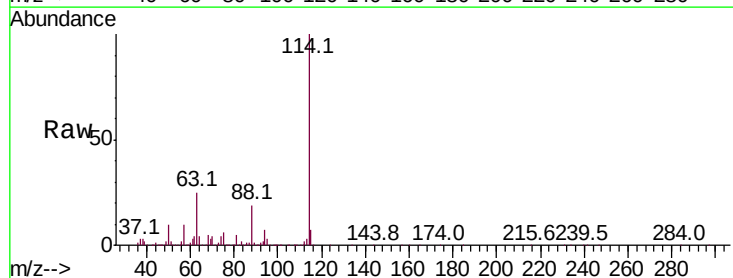
Delta R.T. -0.42 min

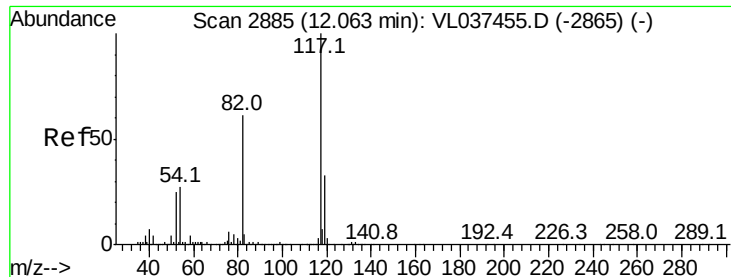
Lab File: VL037559.D

Acq: 7 Sep 2021 20:17

Tgt Ion: 63 Resp: 1158064

Ion	Ratio	Lower	Upper
63	100		
41	0.0	52.4	78.6#
62	15.3	53.6	80.4#

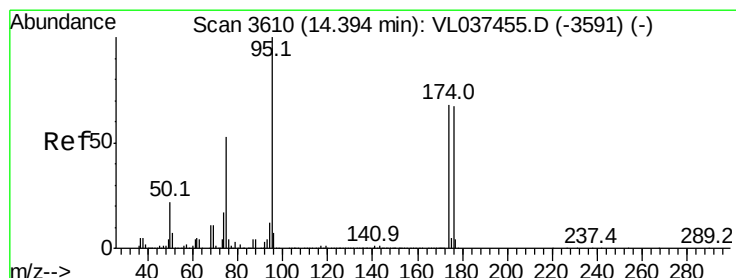
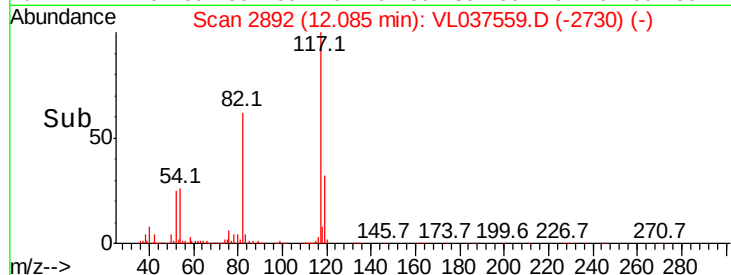
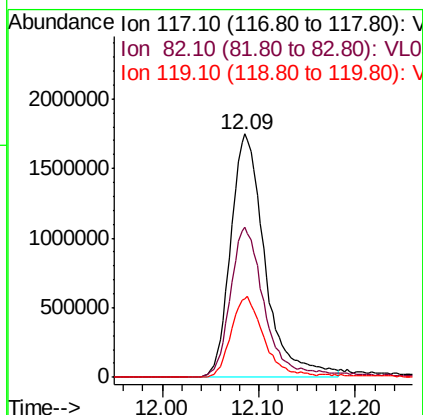
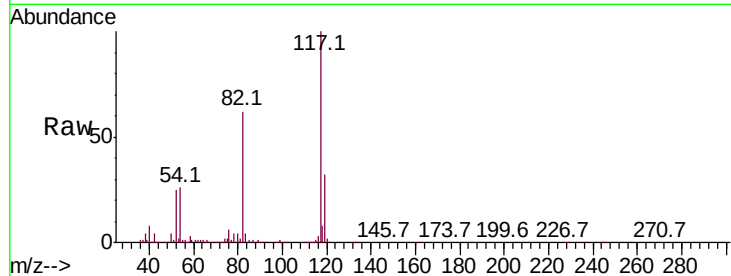




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037559.D
Acq: 7 Sep 2021 20:17

Instrument :
MSVOA_L
ClientSampleId :
CAN 10439

Tot Ion:117 Resp: 4318446
Ion Ratio Lower Upper
117 100
82 63.4 52.9 79.3
119 33.5 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.618 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037559.D
Acq: 7 Sep 2021 20:17

Tgt Ion: 95 Resp: 2950793
Ion Ratio Lower Upper
95 100
174 78.3 59.6 89.4
175 5.8 4.6 7.0

