

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090321\
 Data File : VL037521.D
 Acq On : 3 Sep 2021 15:05
 Operator : SY/AP
 Sample : CAN 10598
 Misc : 400mL/MSVOA L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10598

Quant Time: Sep 04 04:21:43 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	5.66	49	1345003	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	4165022	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3538368	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2404147	9.56	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.60%

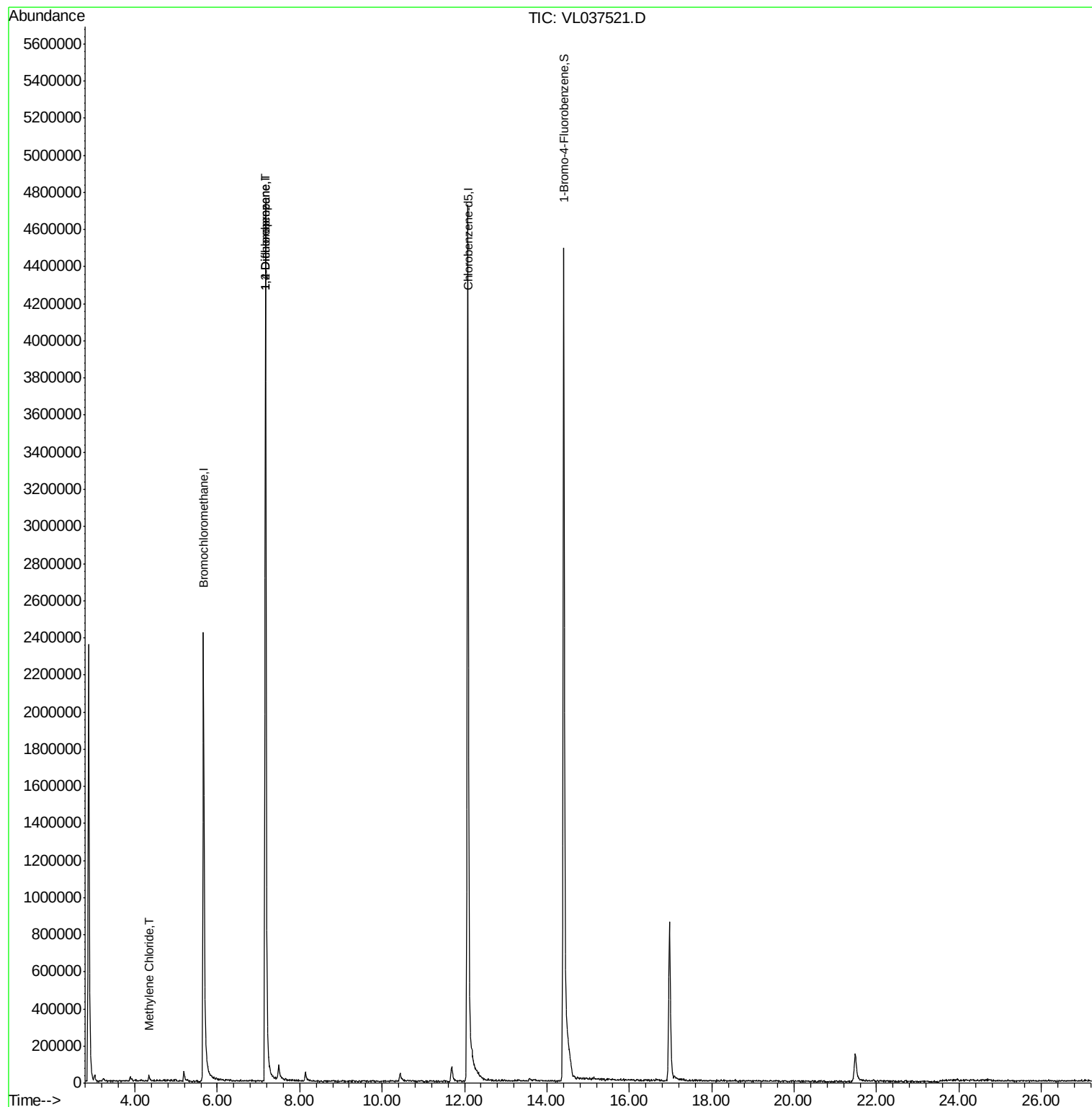
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.34	84	9848	0.144	ppbv #	82
39) 1,2-Dichloropropane	7.17	63	978539	7.273	ppbv #	27

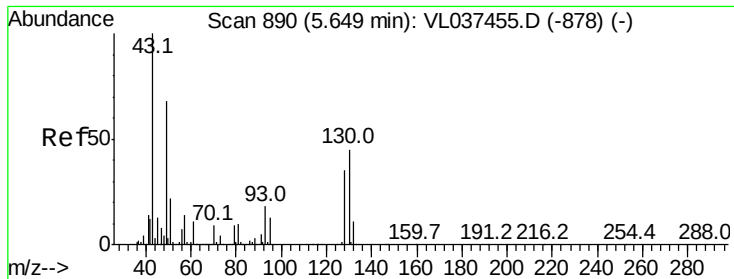
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.02 min

Lab File: VL037521.D

Acq: 3 Sep 2021 15:05

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MSVOA_L

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CAN 10598

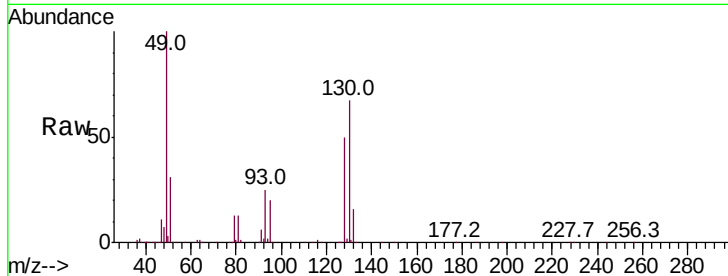
Tot Ion: 49 Resp: 1345003

Ion Ratio Lower Upper

49 100

128 57.5 27.5 82.4

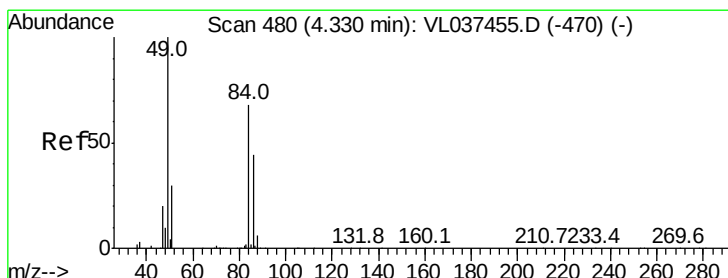
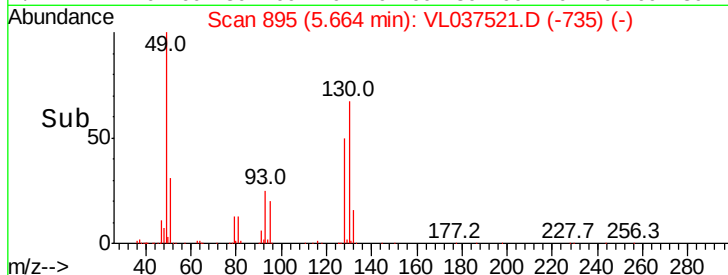
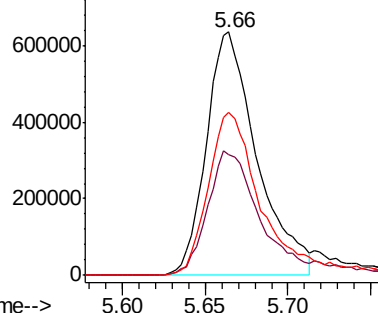
130 75.0 34.0 101.8



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: 0.144 ppbv

RT: 4.34 min Scan# 484

Delta R.T. 0.01 min

Lab File: VL037521.D

Acq: 3 Sep 2021 15:05

Tgt Ion: 84 Resp: 9848

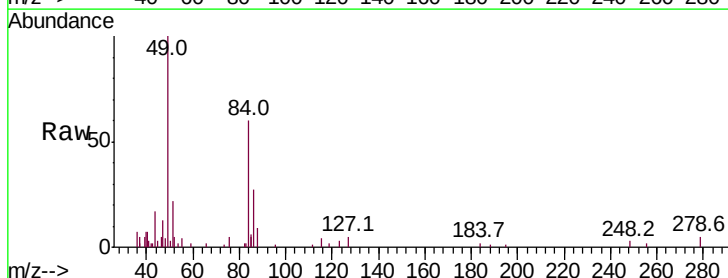
Ion Ratio Lower Upper

84 100

49 166.7 118.2 177.2

51 37.5 36.6 55.0

86 41.8 51.8 77.6#

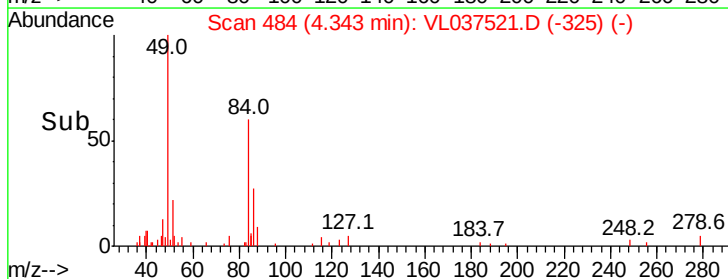
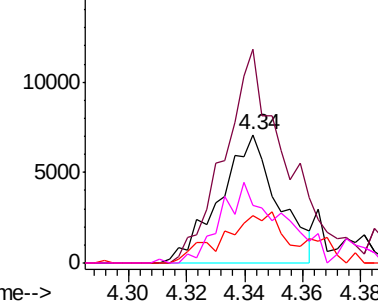


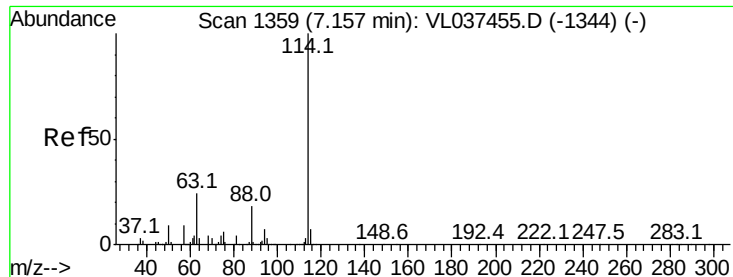
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

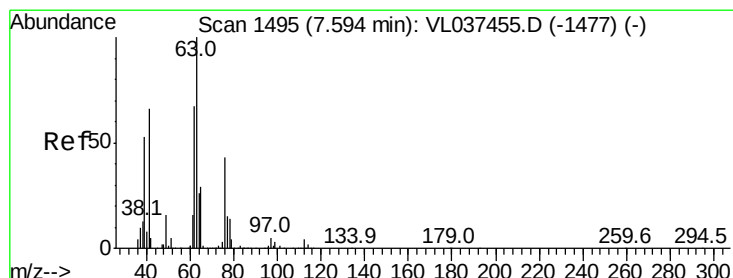
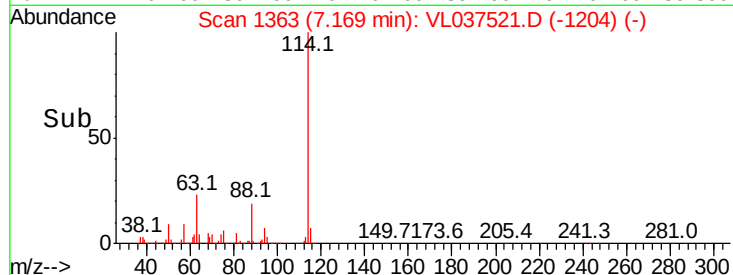
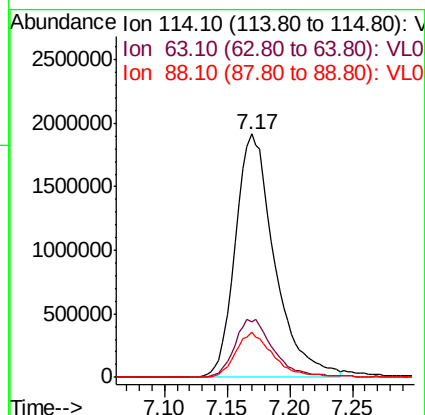
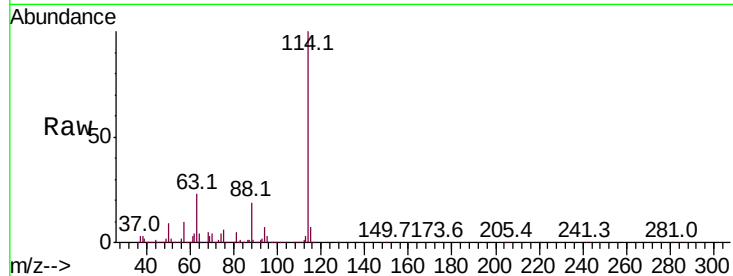




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. 0.01 min
 Lab File: VL037521.D
 Acq: 3 Sep 2021 15:05

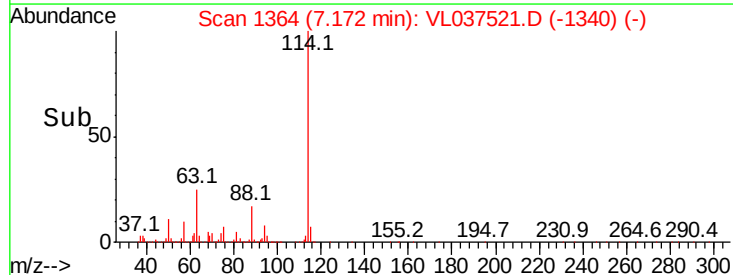
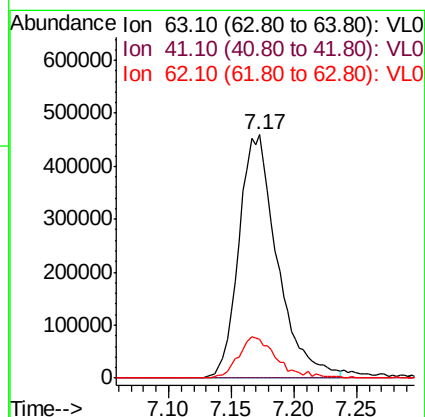
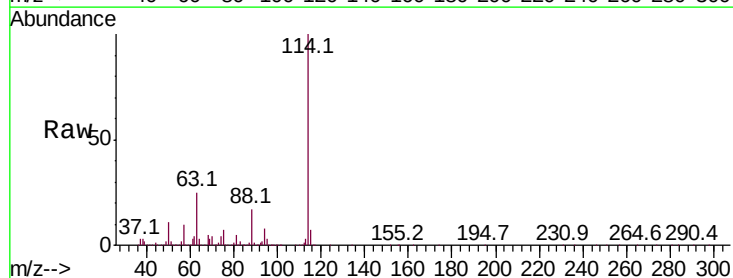
Instrument :
 MSVOA_L
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 CAN 10598

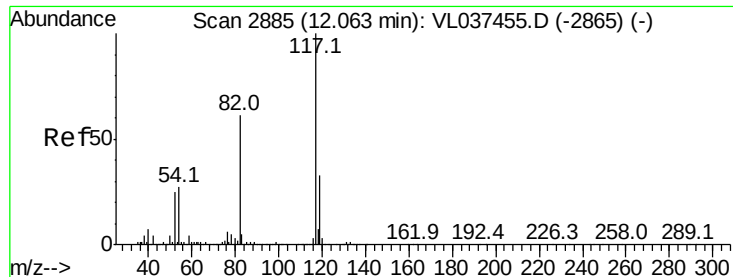
Tot Ion:114 Resp: 4165022
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.3 28.9
 88 18.2 14.2 21.4



#39
 1,2-Dichloropropane
 Concen: 7.273 ppbv
 RT: 7.17 min Scan# 1364
 Delta R.T. -0.42 min
 Lab File: VL037521.D
 Acq: 3 Sep 2021 15:05

Tgt Ion: 63 Resp: 978539
 Ion Ratio Lower Upper
 63 100
 41 0.1 52.4 78.6#
 62 15.9 53.6 80.4#

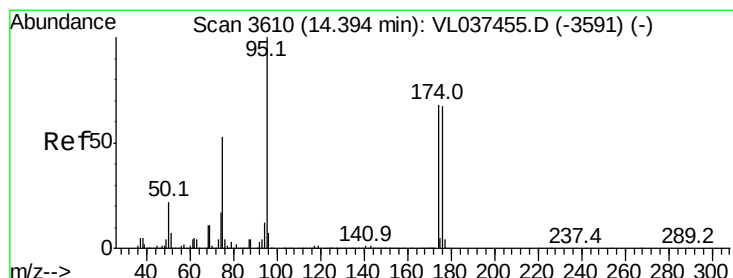
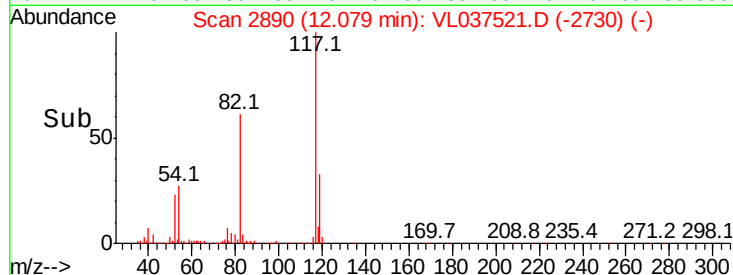
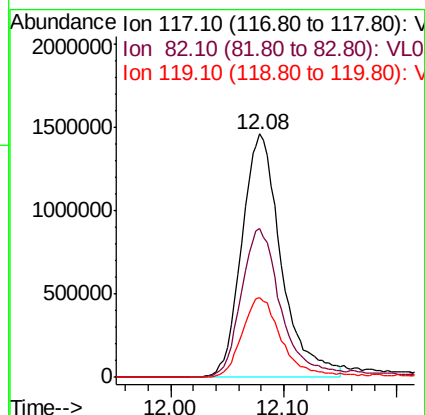
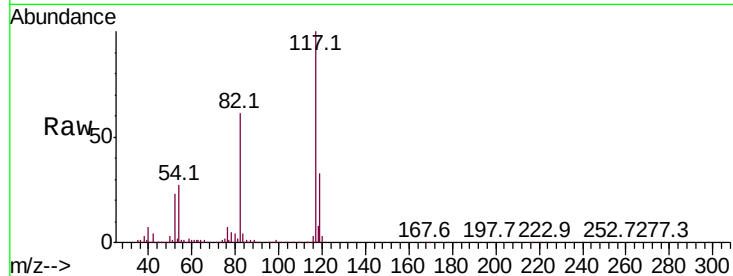




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.02 min
Lab File: VL037521.D
Acq: 3 Sep 2021 15:05

Instrument :
MSVOA_L
ClientSampleId :
CAN 10598

Tot Ion:117 Resp: 3538368
Ion Ratio Lower Upper
117 100
82 65.9 52.9 79.3
119 35.2 24.8 37.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.564 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037521.D
Acq: 3 Sep 2021 15:05

Tgt Ion: 95 Resp: 2404147
Ion Ratio Lower Upper
95 100
174 79.6 59.6 89.4
175 5.9 4.6 7.0

