

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020321\
 Data File : VL036306.D
 Acq On : 3 Feb 2021 23:12
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 04 01:49:11 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

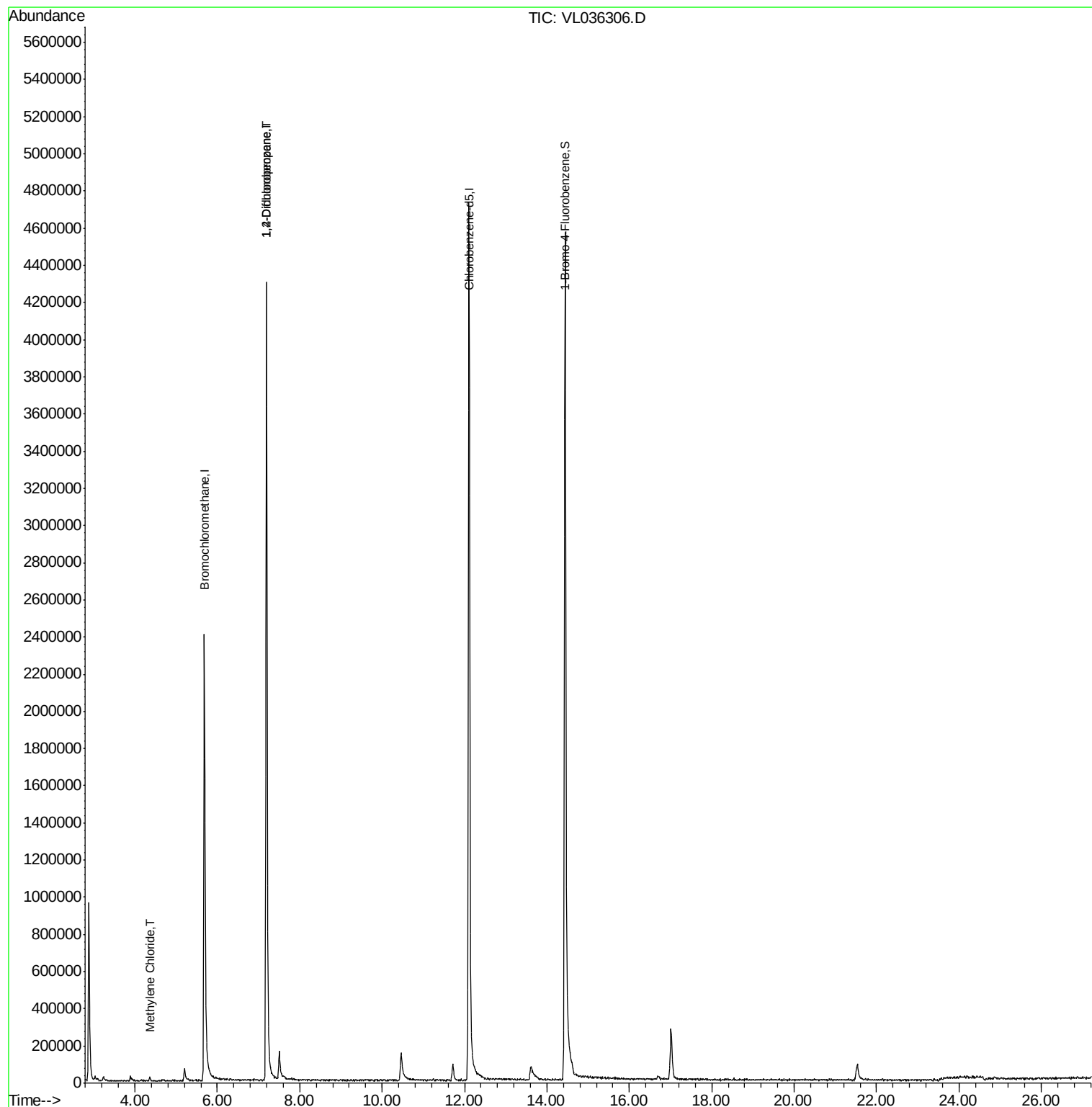
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1542952	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	3352039	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3075445	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	2468202	9.70	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%
Target Compounds						
20) Methylene Chloride	4.36	84	2386	0.040	ppbv #	33
39) 1,2-Dichloropropane	7.19	63	1000214	8.021	ppbv #	20

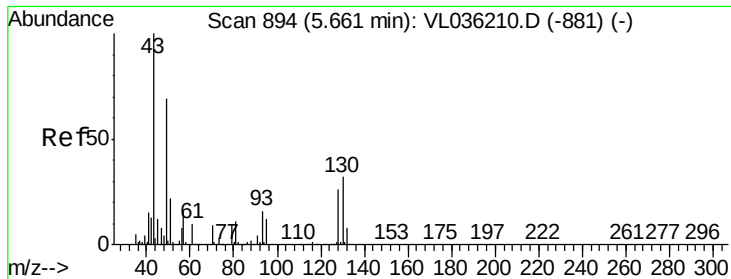
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 14 16:13:38 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.03 min

Lab File: VL036306.D

Acq: 3 Feb 2021 23:12

Instrument :
MSVOA_L
ClientSampleId :

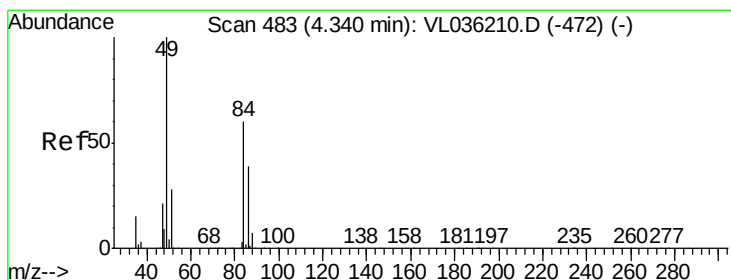
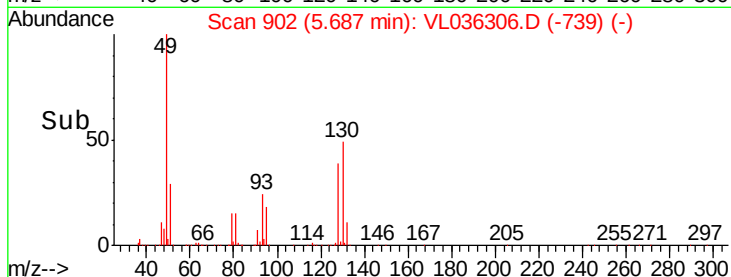
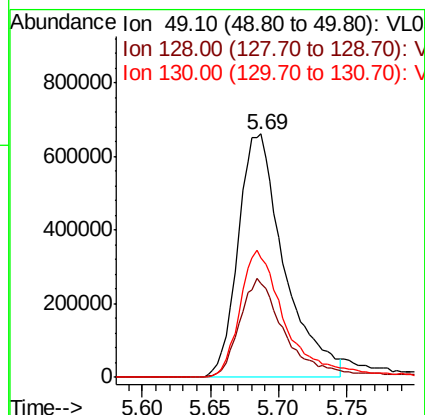
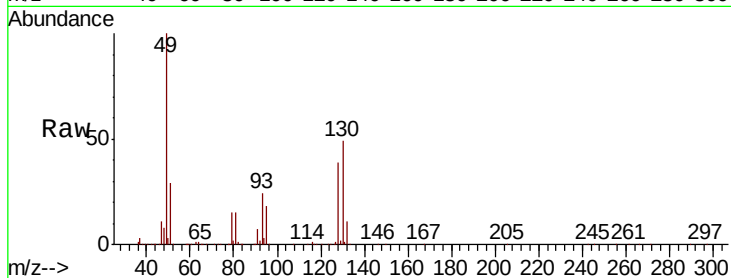
Tot Ion: 49 Resp: 1542952

Ion Ratio Lower Upper

49 100

128 42.2 20.1 60.2

130 52.8 25.3 75.9



#20

Methylene Chloride

Concen: 0.040 ppbv

RT: 4.36 min Scan# 490

Delta R.T. 0.02 min

Lab File: VL036306.D

Acq: 3 Feb 2021 23:12

Tgt Ion: 84 Resp: 2386

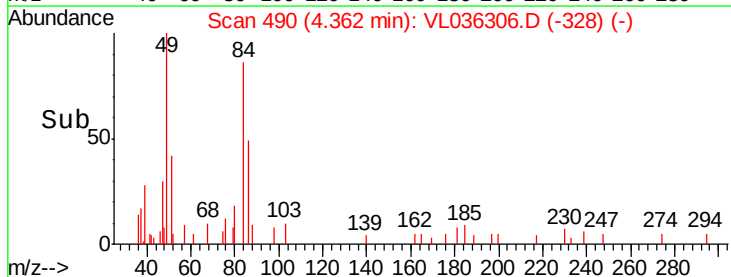
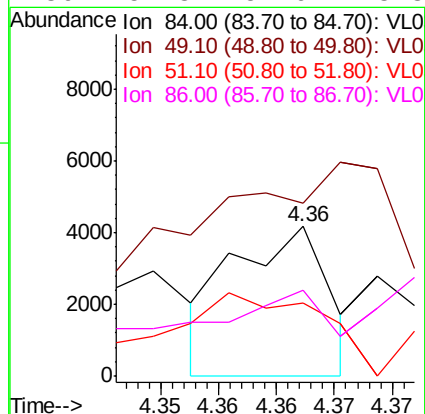
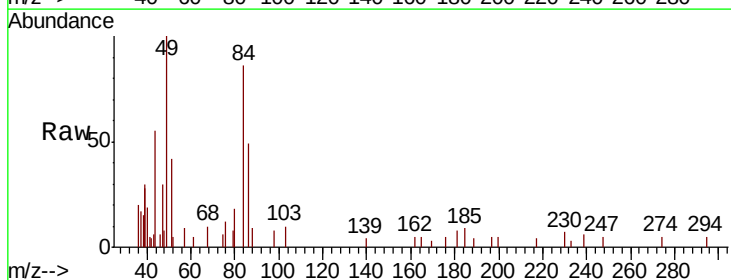
Ion Ratio Lower Upper

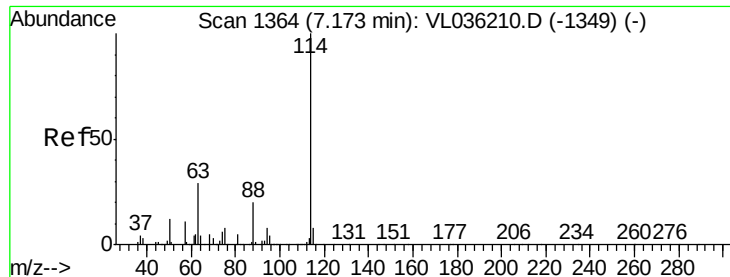
84 100

49 37.8 134.1 201.1#

51 23.3 37.4 56.0#

86 52.8 52.6 78.8

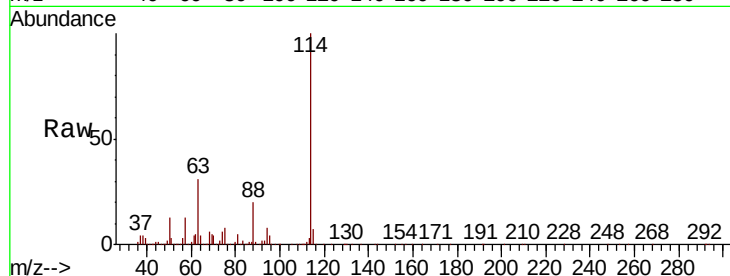




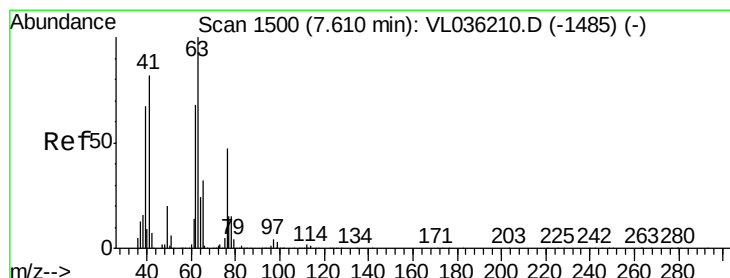
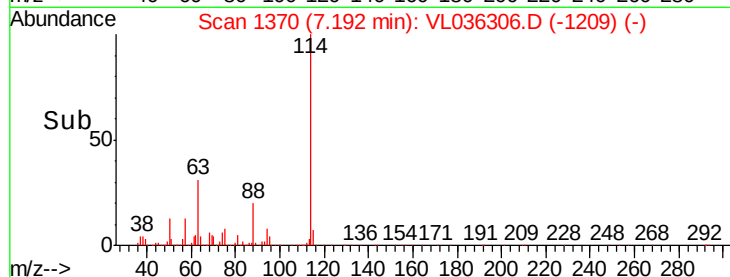
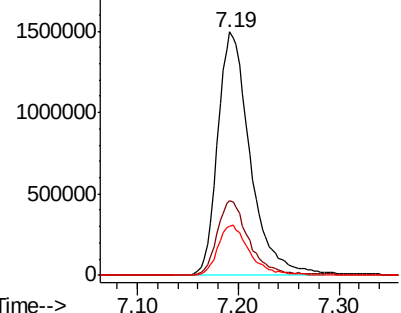
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. 0.02 min
 Lab File: VL036306.D
 Acq: 3 Feb 2021 23:12

Instrument :
 MSVOA_L
 ClientSampled :

Tot Ion:114 Resp: 3352039
 Ion Ratio Lower Upper
 114 100
 63 30.8 24.7 37.1
 88 20.4 16.6 24.8

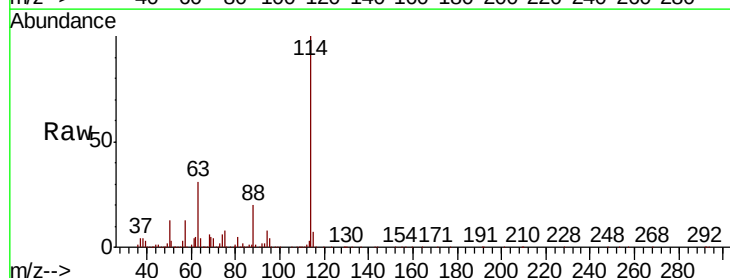


Abundance Ion 114.10 (113.80 to 114.80): V
 2000000 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

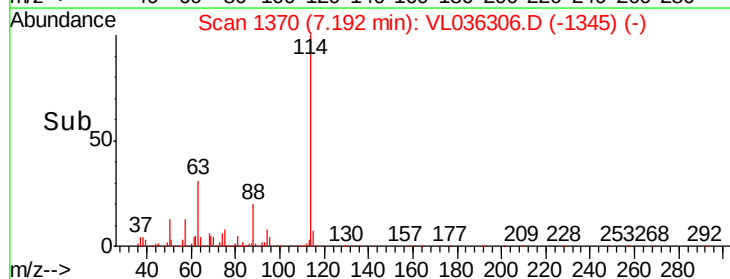
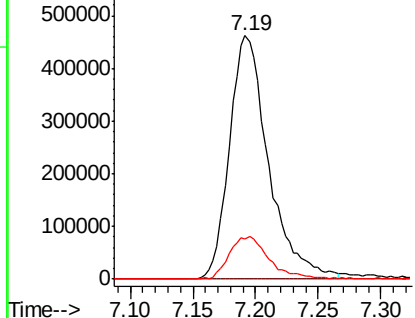


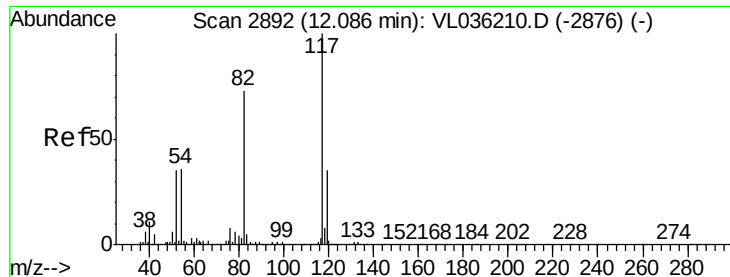
#39
 1,2-Dichloropropane
 Concen: 8.021 ppbv
 RT: 7.19 min Scan# 1370
 Delta R.T. -0.42 min
 Lab File: VL036306.D
 Acq: 3 Feb 2021 23:12

Tgt Ion: 63 Resp: 1000214
 Ion Ratio Lower Upper
 63 100
 41 0.0 66.1 99.1#
 62 16.2 54.8 82.2#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 600000 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

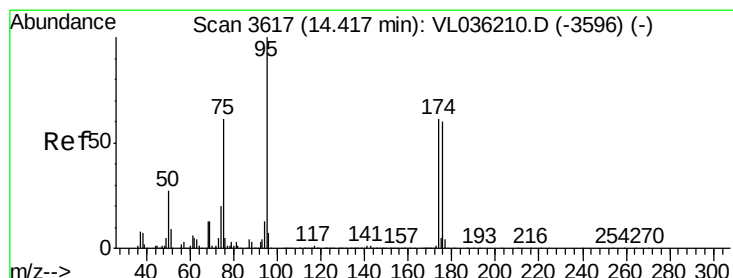
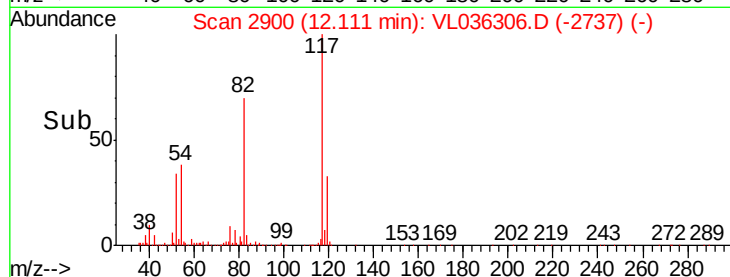
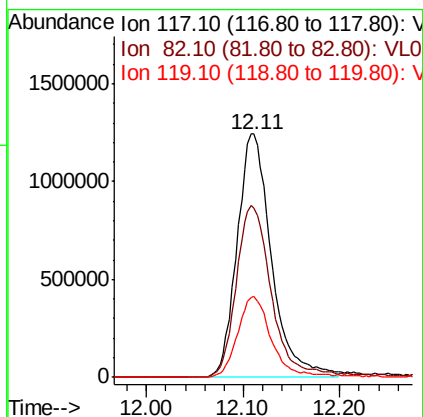
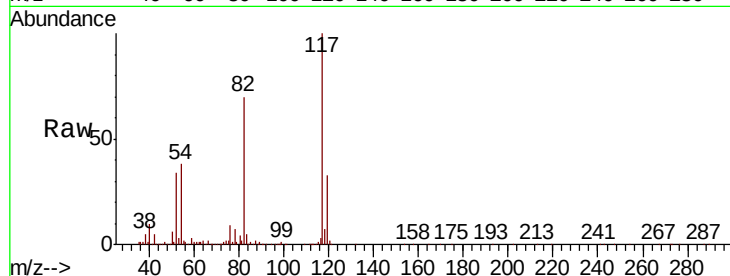




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.03 min
Lab File: VL036306.D
Acq: 3 Feb 2021 23:12

Instrument :
MSVOA_L
ClientSampleId :

Tot Ion:117 Resp: 3075445
Ion Ratio Lower Upper
117 100
82 74.4 59.7 89.5
119 33.2 28.6 43.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.696 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. 0.03 min
Lab File: VL036306.D
Acq: 3 Feb 2021 23:12

Tgt Ion: 95 Resp: 2468202
Ion Ratio Lower Upper
95 100
174 65.1 49.4 74.0
175 4.6 3.8 5.8

