

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101220\
 Data File : VL035777.D
 Acq On : 13 Oct 2020 00:51
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Oct 13 02:24:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed 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	5.67	49	898009	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3326044	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3281496	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2374319	9.66	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

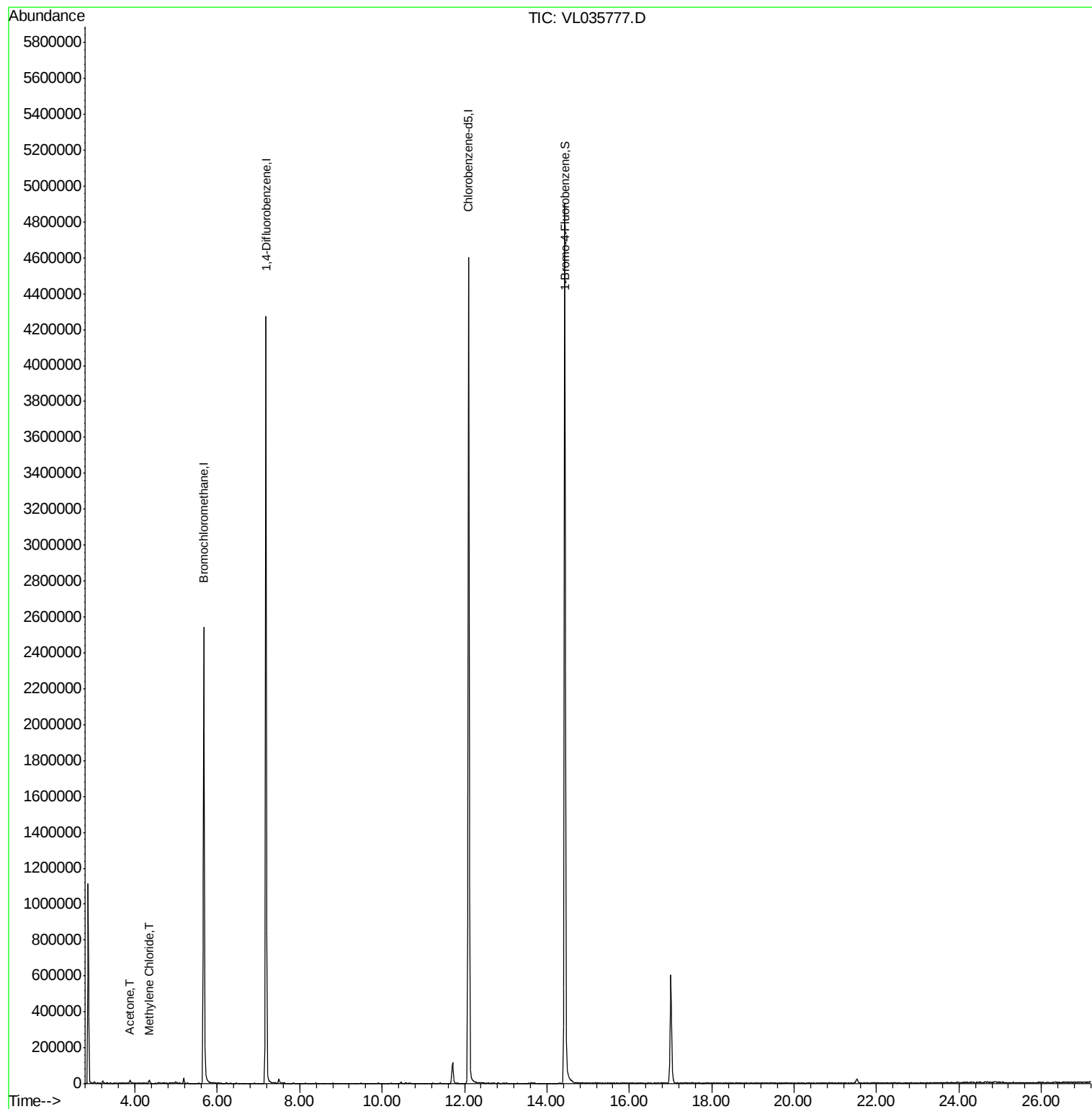
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	15043	0.156	ppbv #	43
20) Methylene Chloride	4.35	84	7279	0.103	ppbv #	89

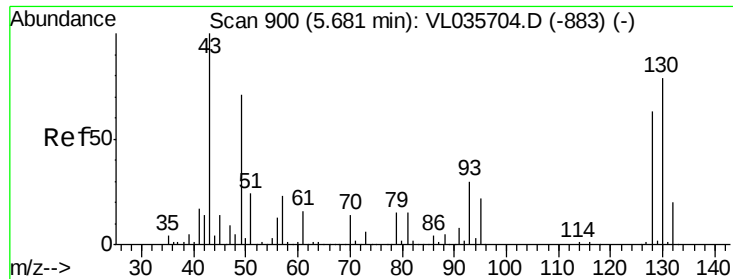
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL035777.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

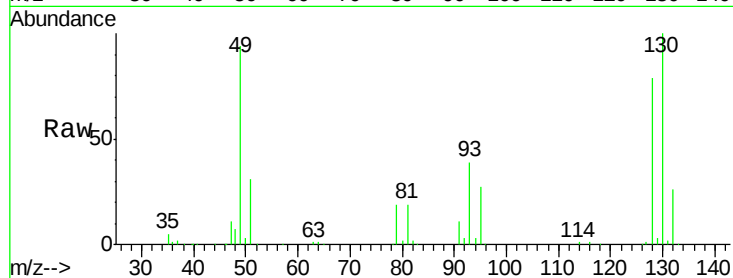
Tot Ion: 49 Resp: 898009

Ion Ratio Lower Upper

49 100

128 82.7 43.1 129.4

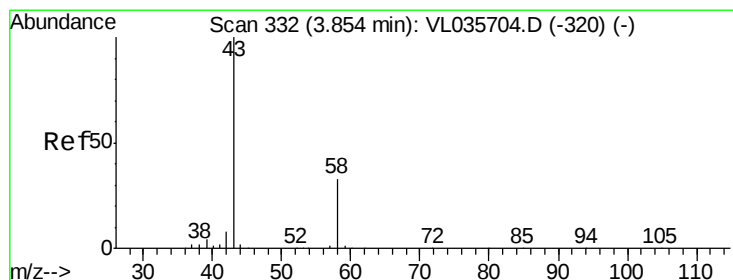
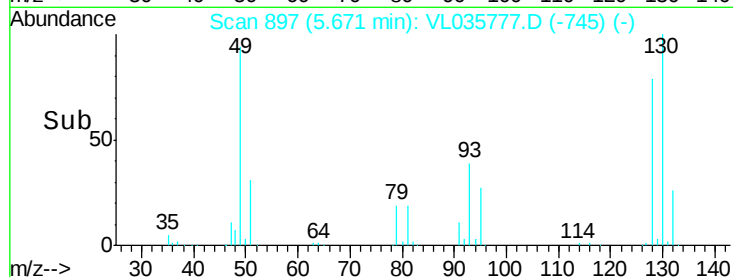
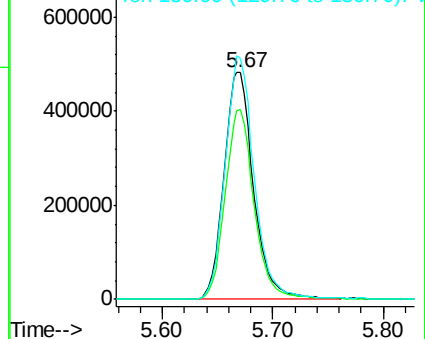
130 106.3 54.9 164.7



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: 0.156 ppbv

RT: 3.88 min Scan# 339

Delta R.T. 0.02 min

Lab File: VL035777.D

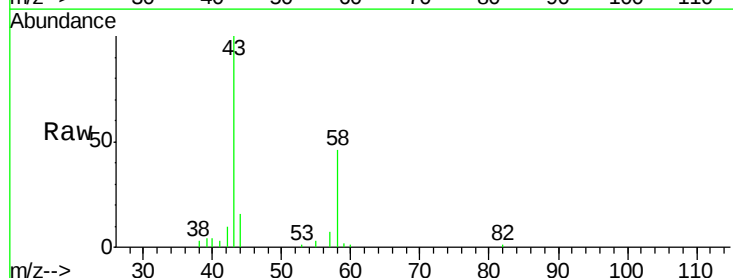
Acq: 13 Oct 2020 00:51

Tgt Ion: 43 Resp: 15043

Ion Ratio Lower Upper

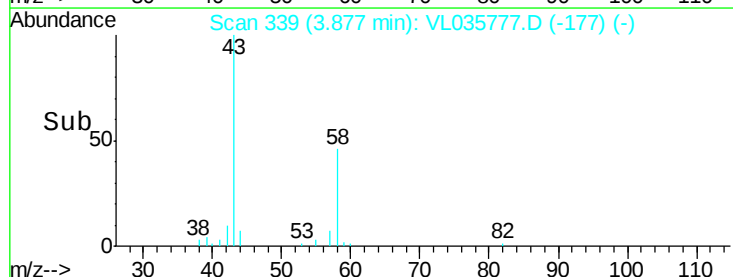
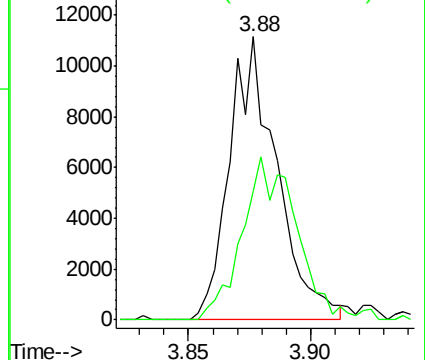
43 100

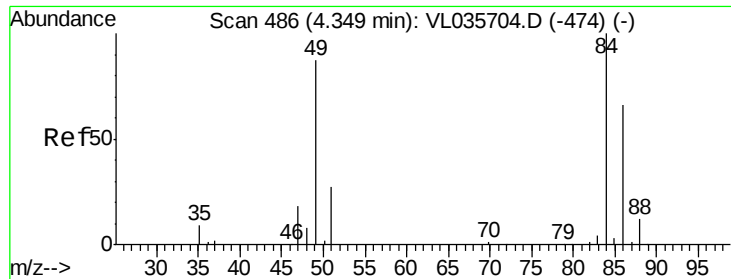
58 67.0 27.3 40.9#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

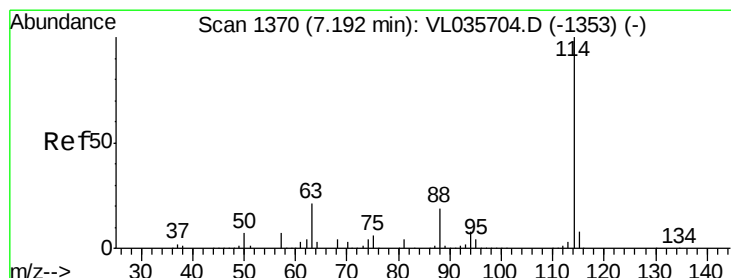
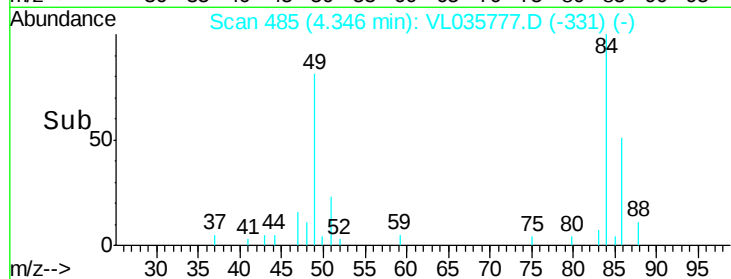
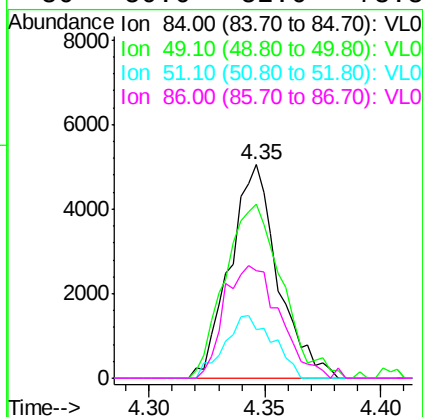
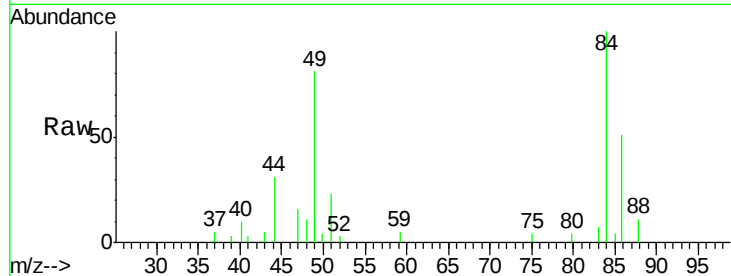




#20
Methylene Chloride
Concen: 0.103 ppbv
RT: 4.35 min Scan# 485
Delta R.T. -0.00 min
Lab File: VL035777.D
Acq: 13 Oct 2020 00:51

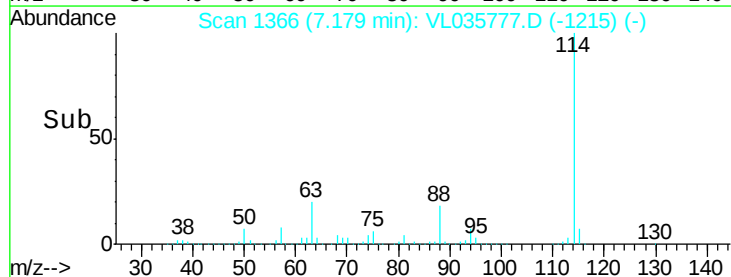
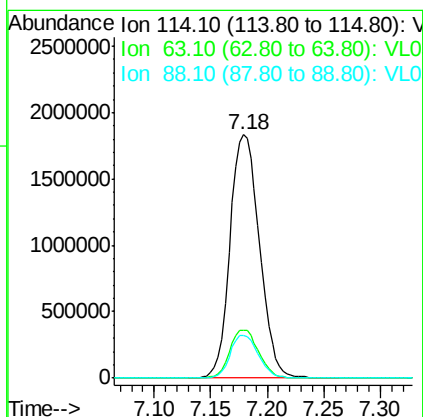
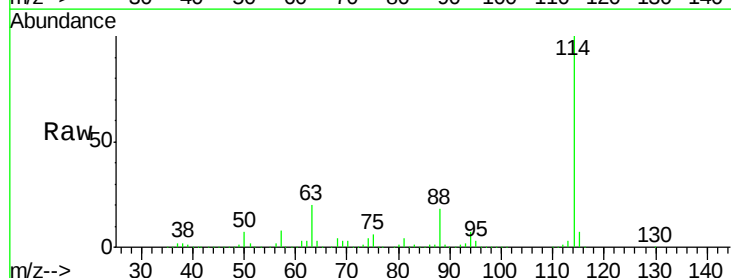
Instrument :
MSVOA_L
ClientSampled :
VIBLK

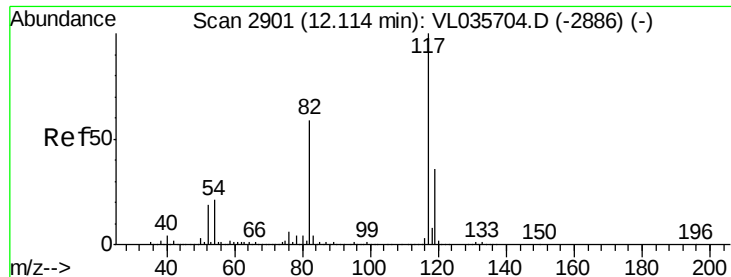
Tot Ion: 84 Resp: 7279
Ion Ratio Lower Upper
84 100
49 81.4 69.8 104.6
51 22.8 21.8 32.8
86 50.6 52.6 78.8#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. -0.01 min
Lab File: VL035777.D
Acq: 13 Oct 2020 00:51

Tgt Ion: 114 Resp: 3326044
Ion Ratio Lower Upper
114 100
63 19.6 16.1 24.1
88 17.0 14.1 21.1

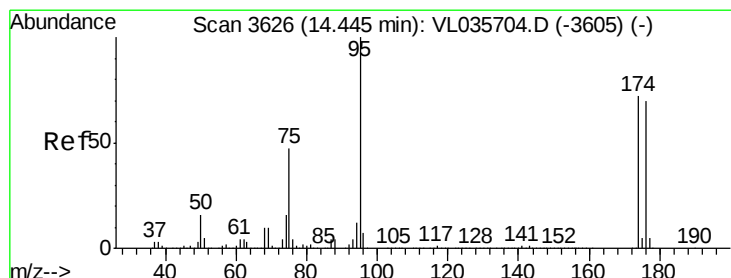
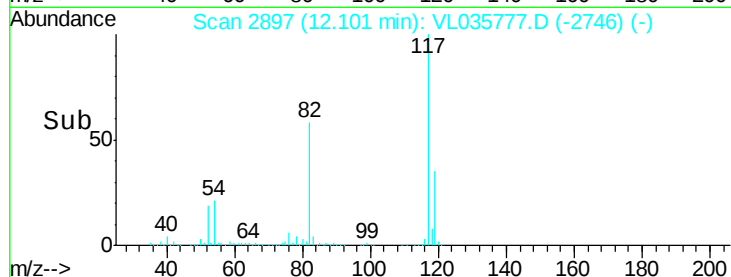
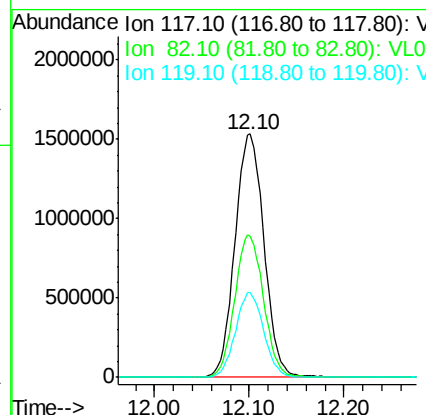
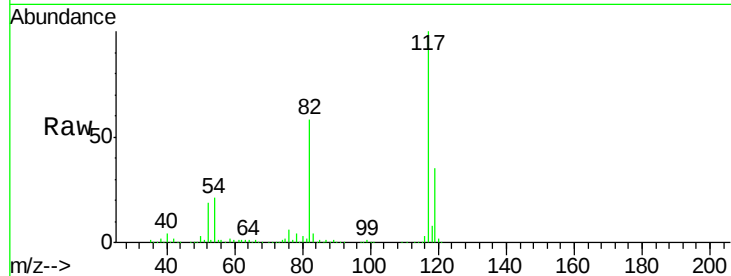




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL035777.D
Acq: 13 Oct 2020 00:51

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tot Ion:117 Resp: 3281496
Ion Ratio Lower Upper
117 100
82 58.2 46.1 69.1
119 33.9 28.0 42.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.656 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. -0.01 min
Lab File: VL035777.D
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Tgt Ion: 95 Resp: 2374319
Ion Ratio Lower Upper
95 100
174 77.7 59.6 89.4
175 5.5 4.2 6.4

