

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020620\
 Data File : VL034602.D
 Acq On : 6 Feb 2020 16:14
 Operator : SY/AP
 Sample : VL0206ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0206ABL01

Quant Time: Feb 07 07:51:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

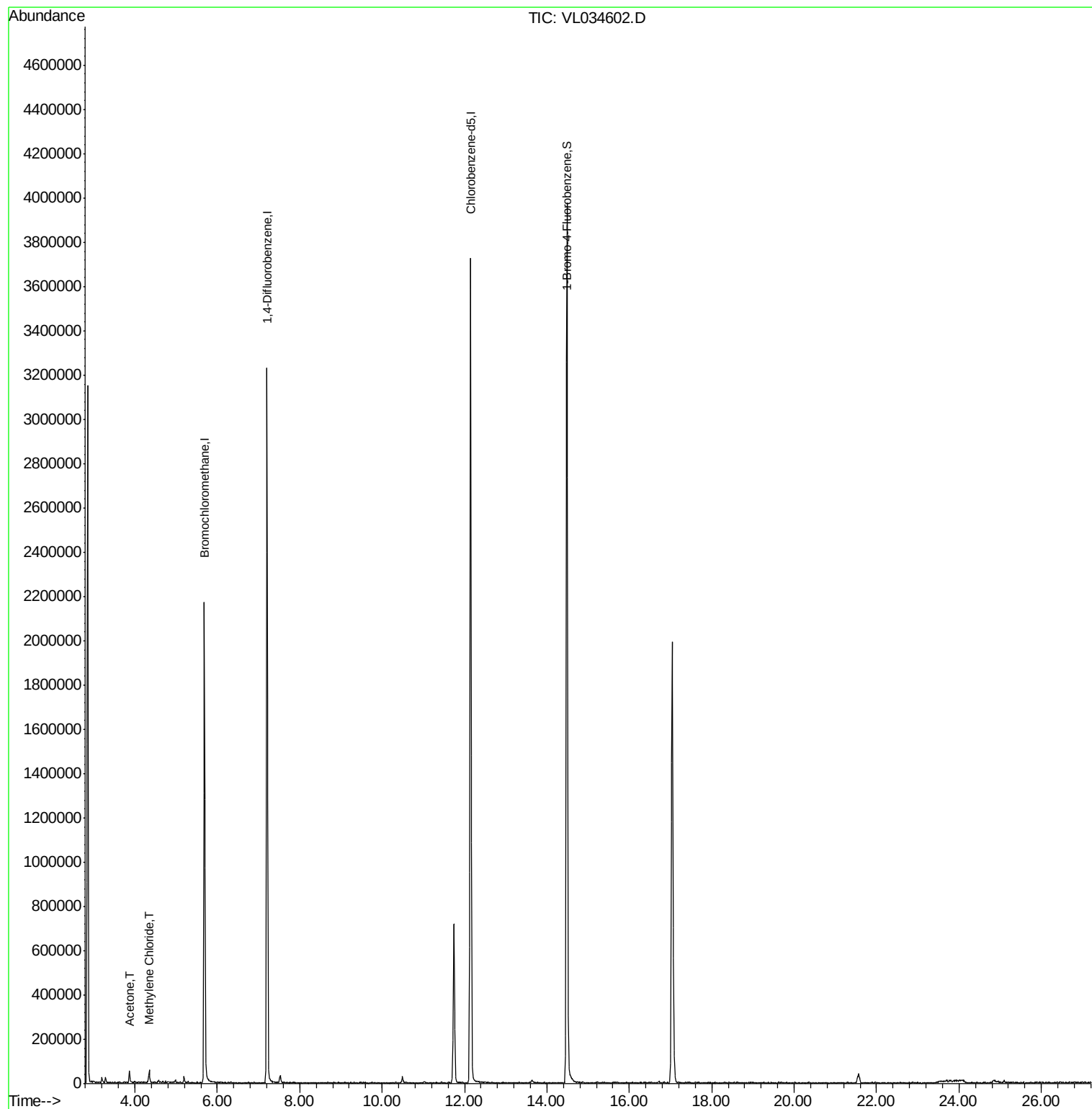
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	949279	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	1964626	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.15	117	1995185	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.48	95	1728846	10.25	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%
Target Compounds						
15) Acetone	3.87	43	47334m	0.339	ppbv	Ovalue
20) Methylene Chloride	4.35	84	14332	0.270	ppbv	84

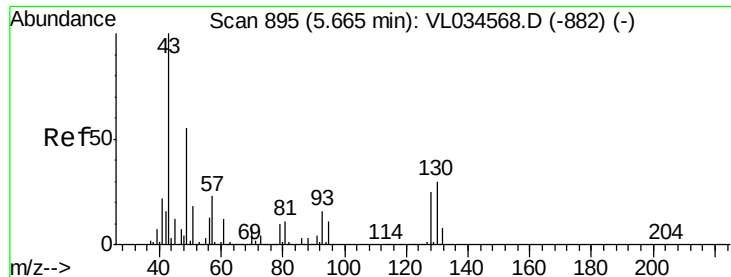
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.02 min

Lab File: VL034602.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0206ABL01

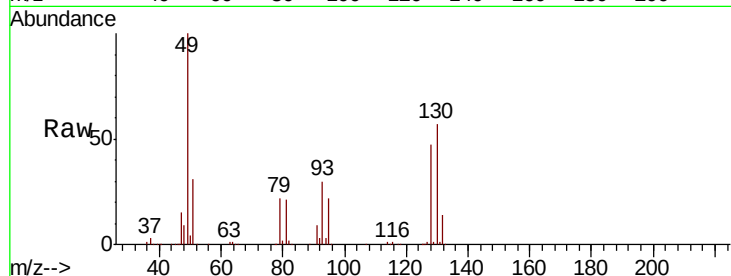
Tot Ion: 49 Resp: 949279

Ion Ratio Lower Upper

49 100

128 45.9 22.7 68.1

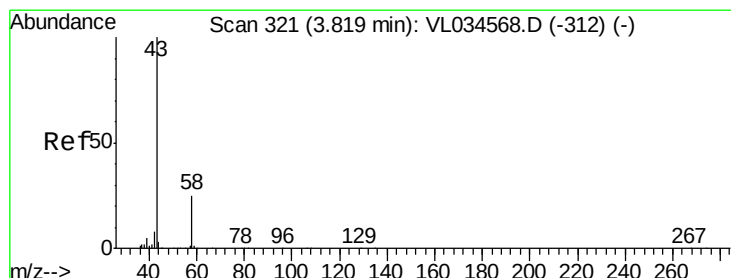
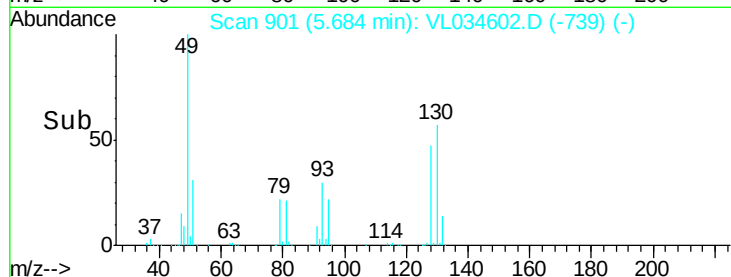
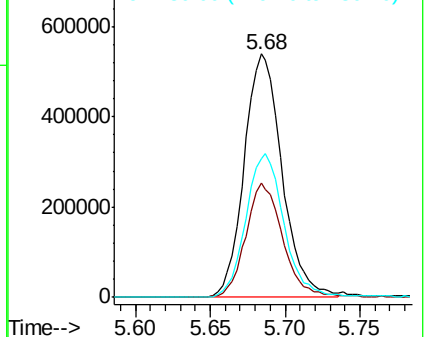
130 60.1 28.6 85.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 0.339 ppbv m

RT: 3.87 min Scan# 336

Delta R.T. 0.05 min

Lab File: VL034602.D

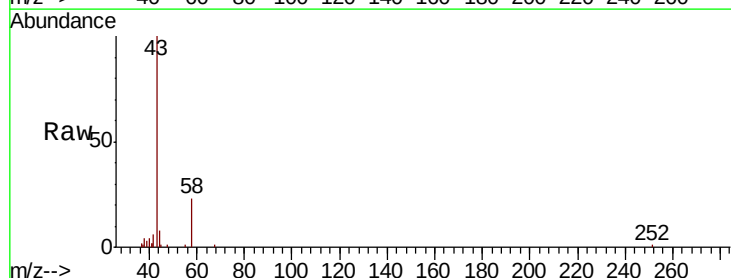
Acq: 6 Feb 2020 16:14

Tgt Ion: 43 Resp: 47334

Ion Ratio Lower Upper

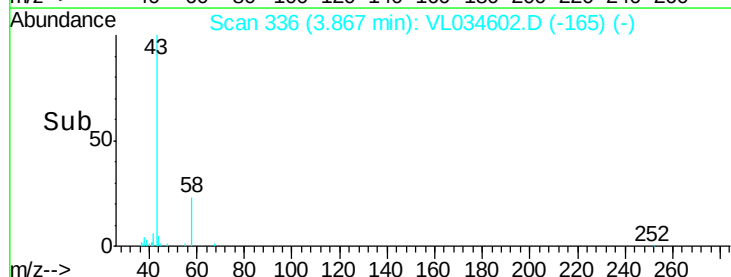
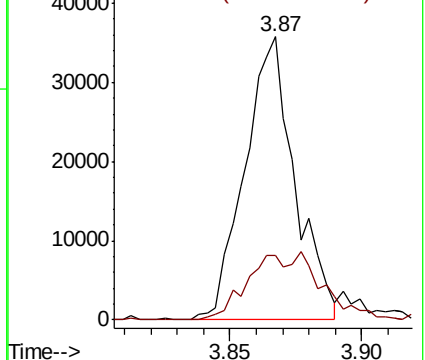
43 100

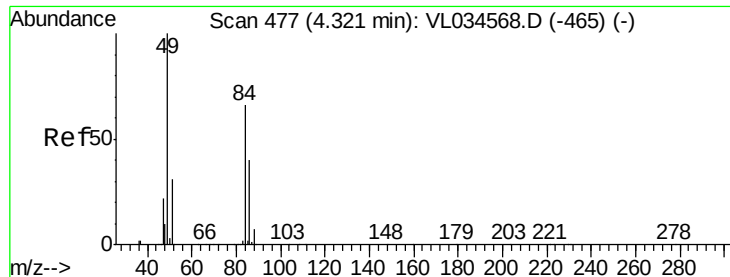
58 0.0 20.3 30.5#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

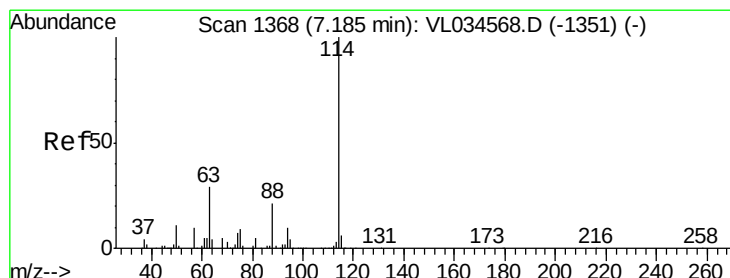
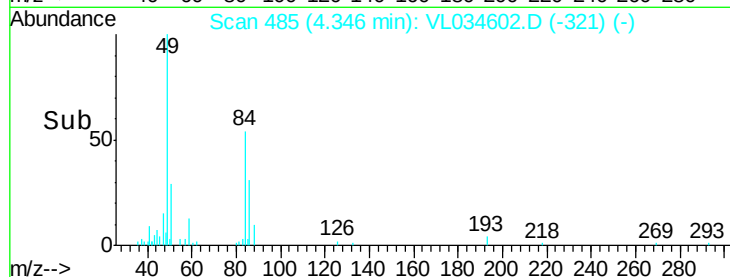
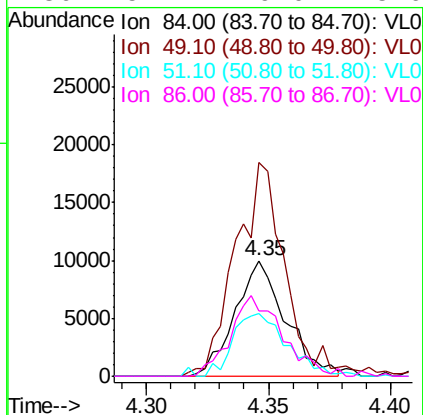
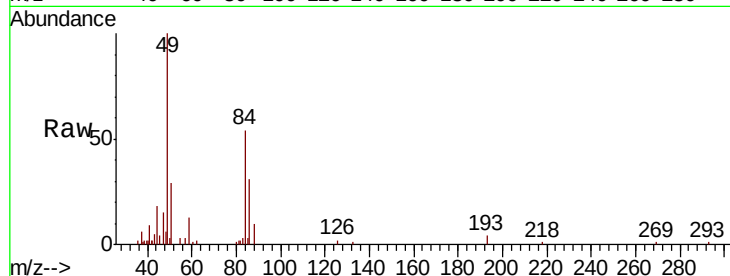




#20
Methylene Chloride
Concen: 0.270 ppbv
RT: 4.35 min Scan# 485
Delta R.T. 0.03 min
Lab File: VL034602.D
Acq: 6 Feb 2020 16:14

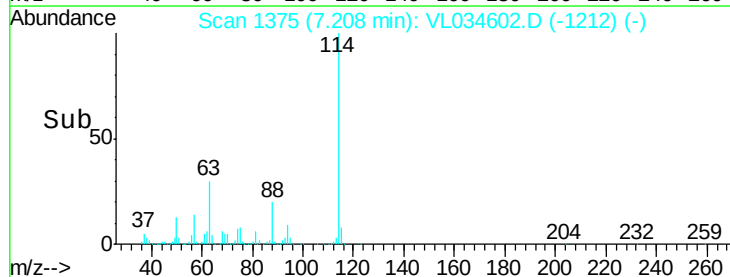
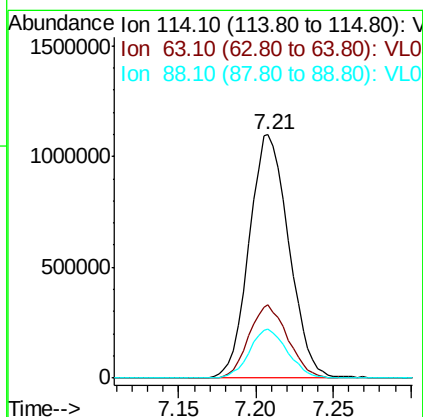
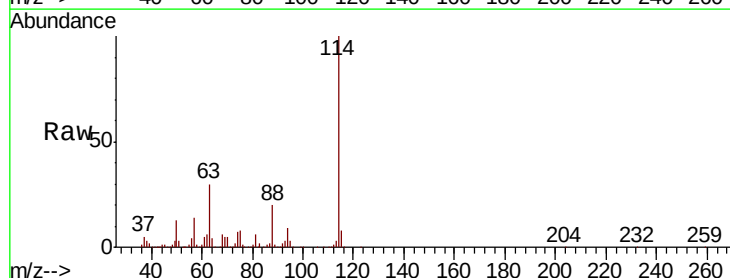
Instrument :
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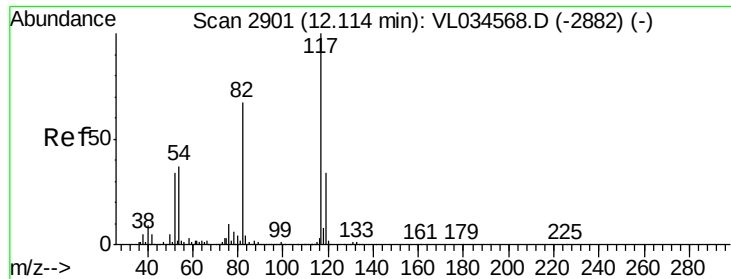
Tot Ion:	84	Resp:	14332
Ion	Ratio	Lower	Upper
84	100		
49	182.3	122.4	183.6
51	51.7	38.6	57.8
86	57.1	49.0	73.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1375
Delta R.T. 0.02 min
Lab File: VL034602.D
Acq: 6 Feb 2020 16:14

Tgt Ion:	114	Resp:	1964626
Ion	Ratio	Lower	Upper
114	100		
63	29.7	24.1	36.1
88	19.5	15.9	23.9

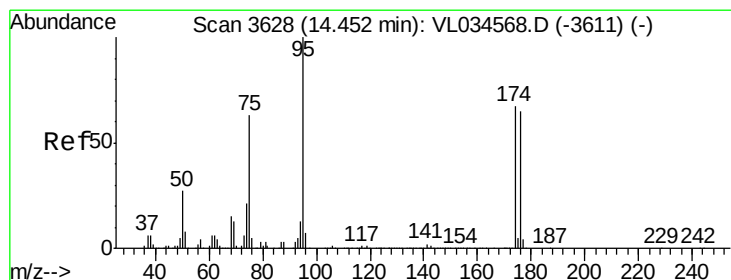
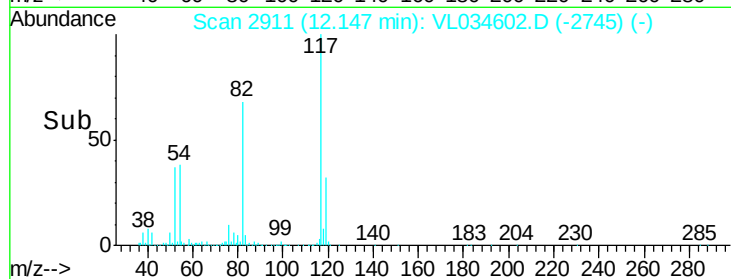
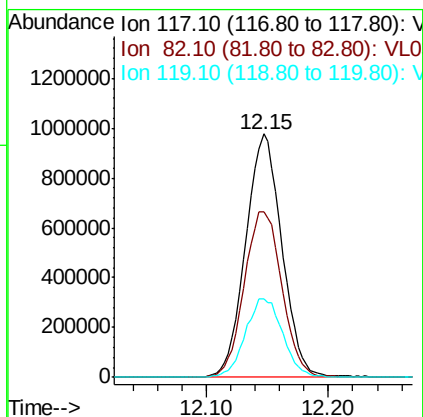
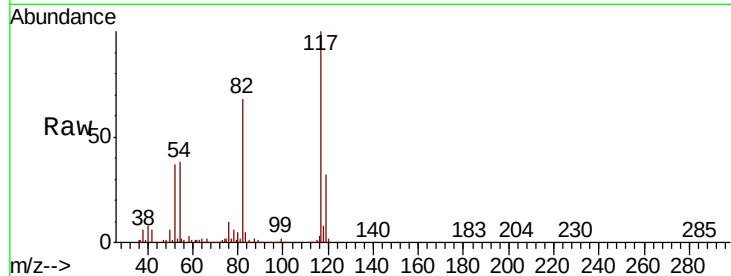




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2911
Delta R.T. 0.03 min
Lab File: VL034602.D
Acq: 6 Feb 2020 16:14

Instrument :
MSVOA_L
ClientSampleId :
VL0206ABL01

Tot Ion:117 Resp: 1995185
Ion Ratio Lower Upper
117 100
82 71.1 54.2 81.4
119 33.5 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.253 ppbv
RT: 14.48 min Scan# 3638
Delta R.T. 0.03 min
Lab File: VL034602.D
Acq: 6 Feb 2020 16:14

Tgt Ion: 95 Resp: 1728846
Ion Ratio Lower Upper
95 100
174 63.8 52.3 78.5
175 4.5 3.8 5.6

