

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
 Data File : VL034220.D
 Acq On : 2 Oct 2019 21:08
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:30:37 PM

Quant Time: Oct 04 02:38:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Sep 18
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	879702	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.21	114	1623551	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1652989	10.00	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1414656	9.85	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%
Target Compounds						
15) Acetone	3.86	43	27172m	0.230	ppbv	Ovalue
20) Methylene Chloride	4.35	84	16903	0.497	ppbv #	80

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

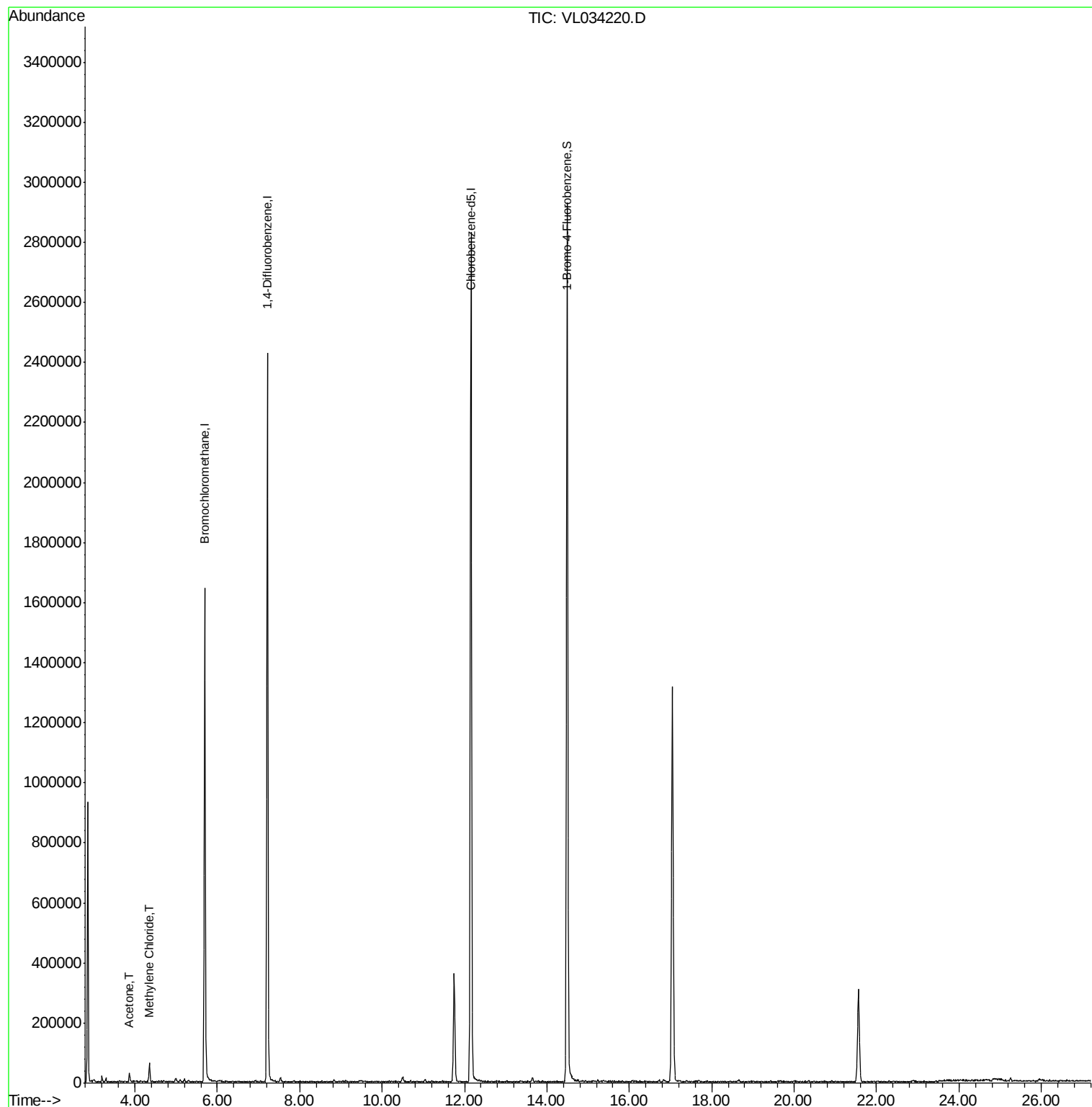
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL100219\
Data File : VL034220.D
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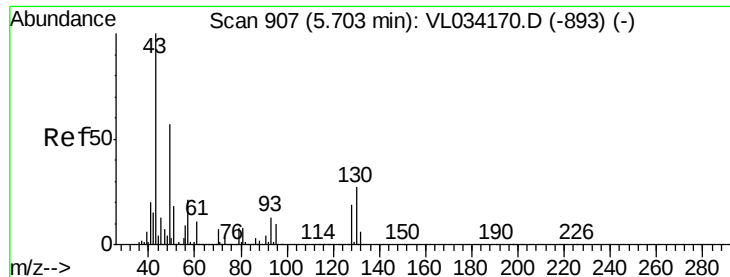
Instrument :
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Quant Time: Oct 04 02:38:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
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QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 903

Delta R.T. -0.01 min

Lab File: VL034220.D

Acq: 2 Oct 2019 21:08

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tot Ion: 49 Resp: 879702

Ion Ratio Lower Upper

49 100

128 37.1 17.6 52.9

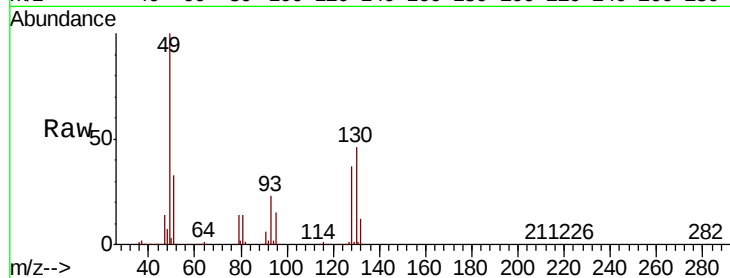
130 47.3 22.3 66.9

Manual Integrations

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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

5.69

600000

500000

400000

300000

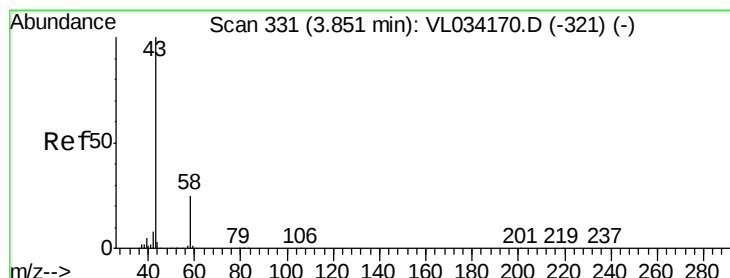
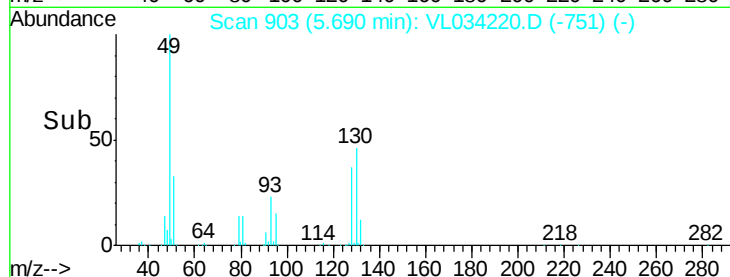
200000

100000

0

5.60 5.65 5.70 5.75

Time-->



#15

Acetone

Concen: 0.230 ppbv m

RT: 3.86 min Scan# 335

Delta R.T. 0.01 min

Lab File: VL034220.D

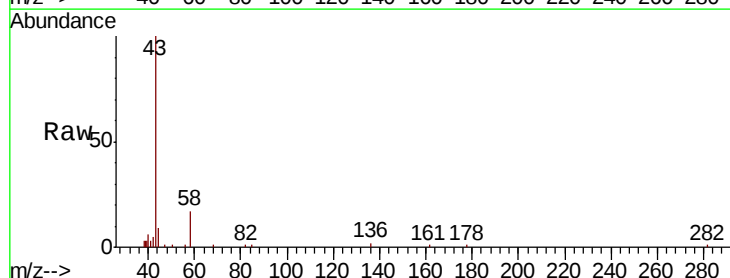
Acq: 2 Oct 2019 21:08

Tgt Ion: 43 Resp: 27172

Ion Ratio Lower Upper

43 100

58 0.0 20.5 30.7#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0

25000

20000

15000

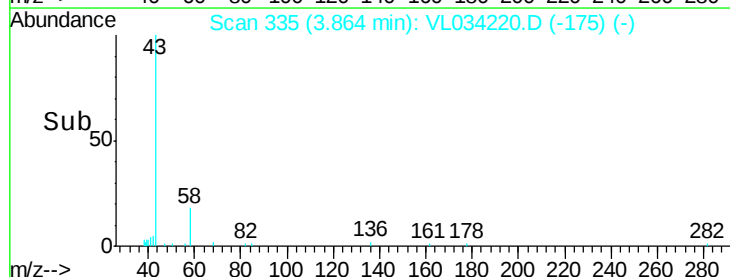
10000

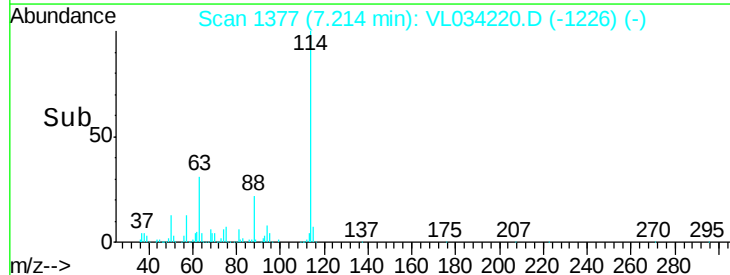
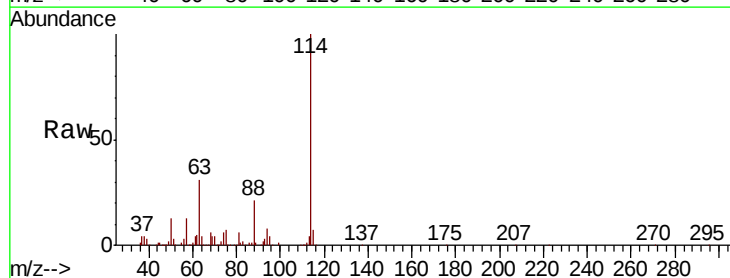
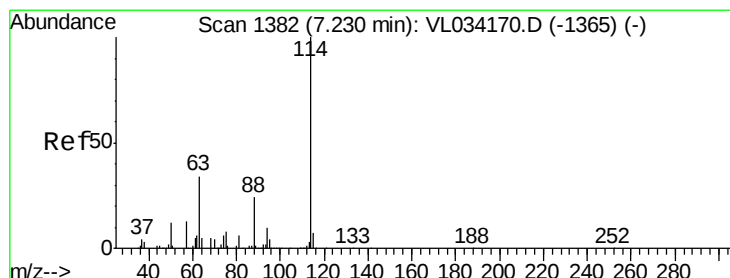
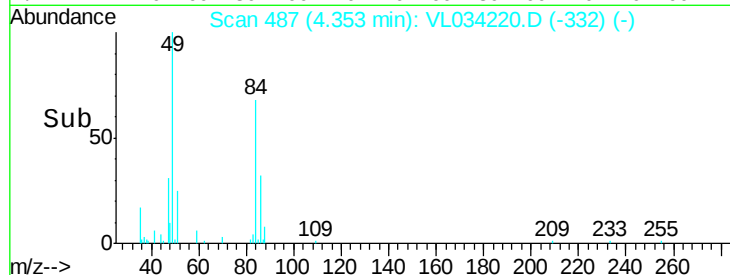
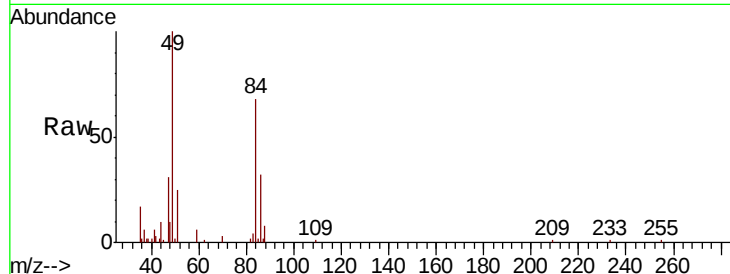
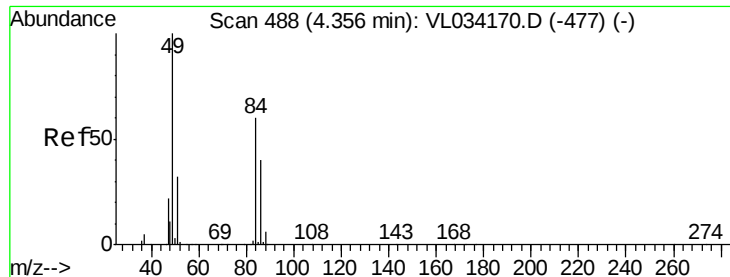
5000

0

3.85 3.90

Time-->





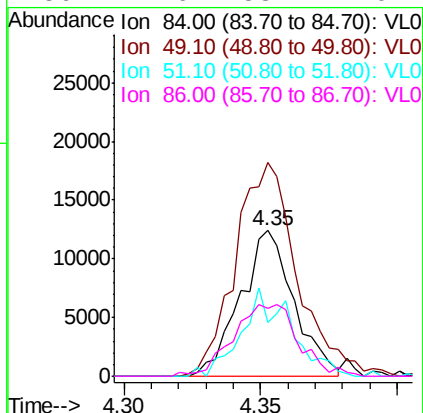
#20
Methvlene Chloride
Concen: 0.497 ppbv
RT: 4.35 min Scan# 487
Delta R.T. -0.00 min
Lab File: VL034220.D
Acq: 2 Oct 2019 21:08

Tot Ion:	84	Resp:	16903
Ion	Ratio	Lower	Upper
84	100		
49	145.1	133.8	200.8
51	37.0	43.6	65.4#
86	44.6	53.1	79.7#

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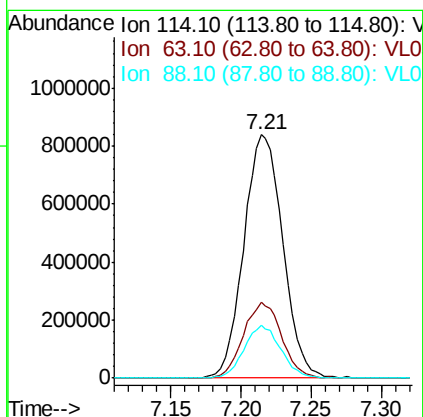
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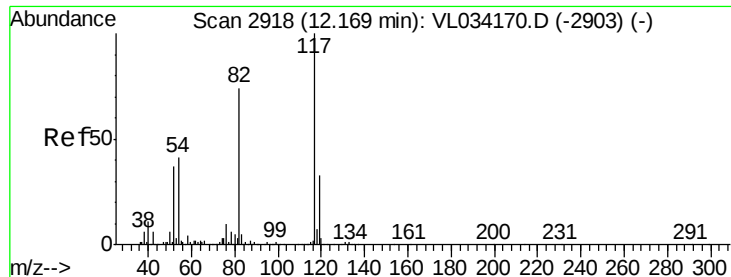
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.21 min Scan# 1377
Delta R.T. -0.02 min
Lab File: VL034220.D
Acq: 2 Oct 2019 21:08

Tgt Ion:	114	Resp:	1623551
Ion	Ratio	Lower	Upper
114	100		
63	30.8	27.8	41.6
88	20.5	17.1	25.7





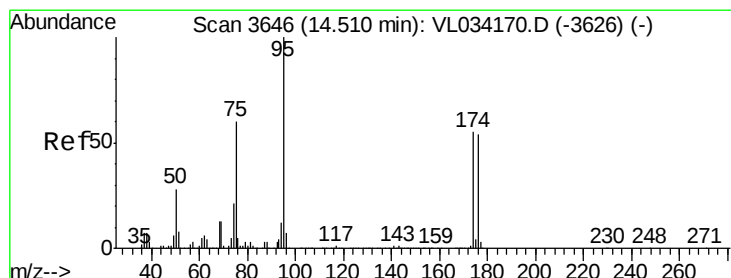
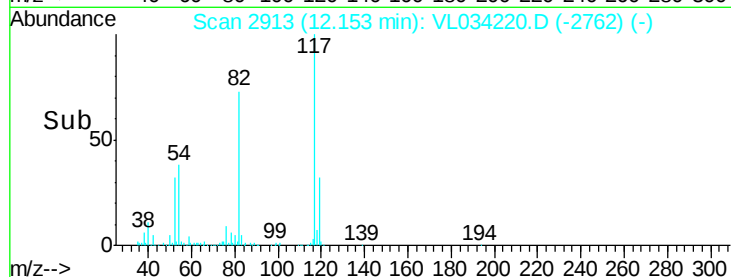
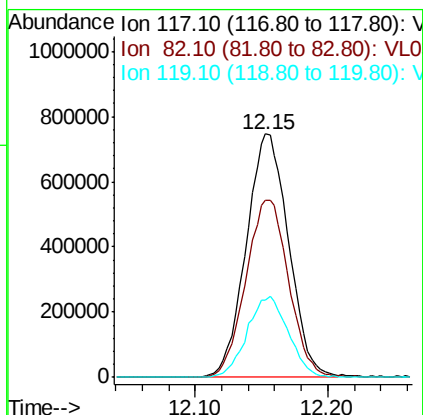
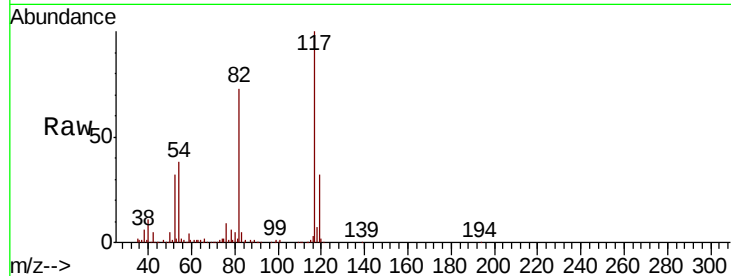
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.02 min
Lab File: VL034220.D
Acq: 2 Oct 2019 21:08

Instrument :
MSVOA_L
ClientSampled :
VIBLK

Tot Ion:117 Resp: 1652989
Ion Ratio Lower Upper
117 100
82 74.1 58.2 87.4
119 32.7 23.7 35.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.849 ppbv
RT: 14.49 min Scan# 3641
Delta R.T. -0.02 min
Lab File: VL034220.D
Acq: 2 Oct 2019 21:08

Tgt Ion: 95 Resp: 1414656
Ion Ratio Lower Upper
95 100
174 60.8 45.1 67.7
175 4.3 3.3 4.9

