

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110320\
 Data File : VL035807.D
 Acq On : 3 Nov 2020 16:45
 Operator : SY/AP
 Sample : VL1103ABL01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1103ABL01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:13:38 PM

Quant Time: Nov 04 05:24:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1332768	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	5846126	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	5394978	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	3858516	10.07	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.85	43	22079m	0.155	ppbv	
20) Methylene Chloride	4.33	84	11425m	0.114	ppbv	

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

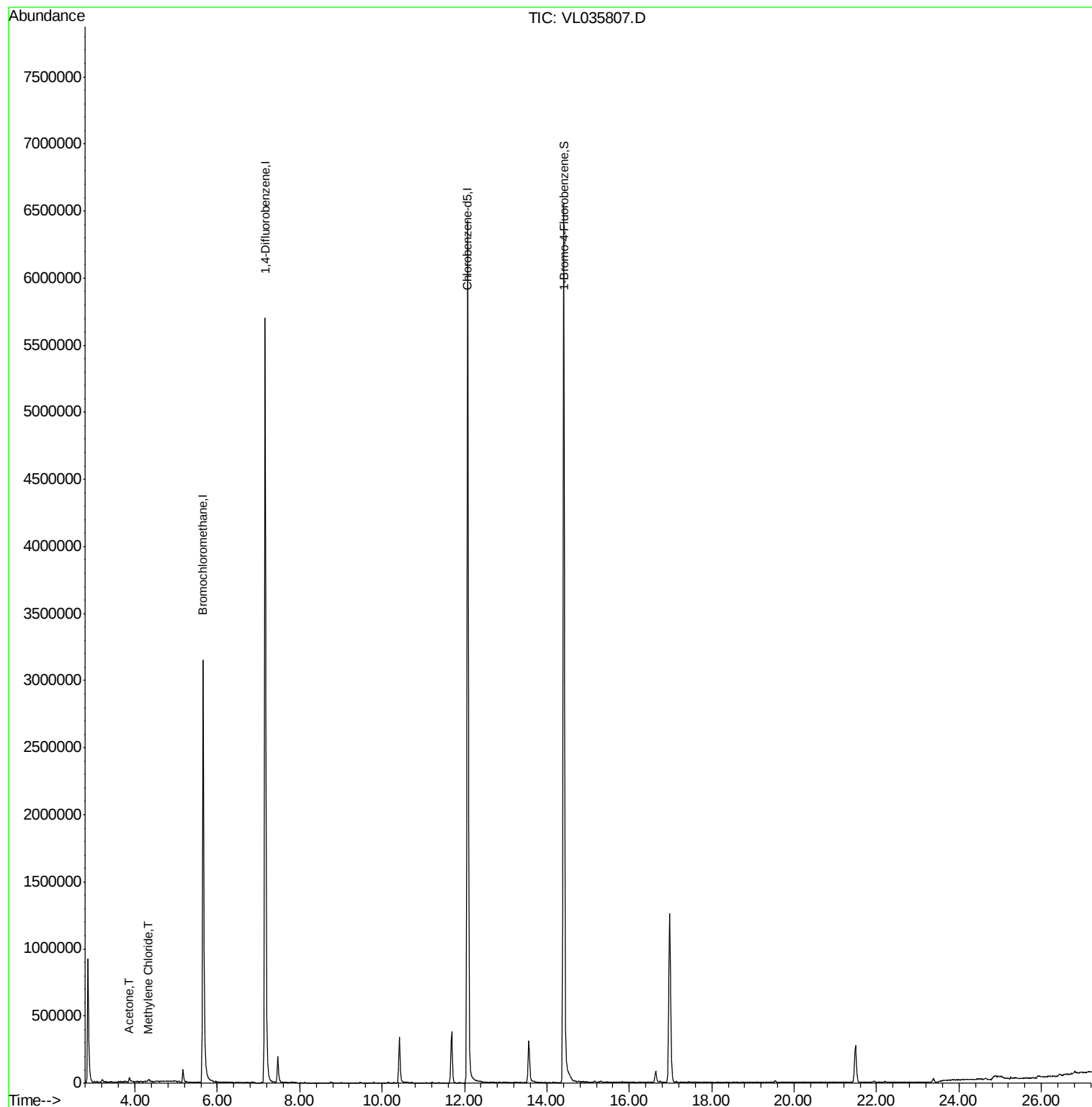
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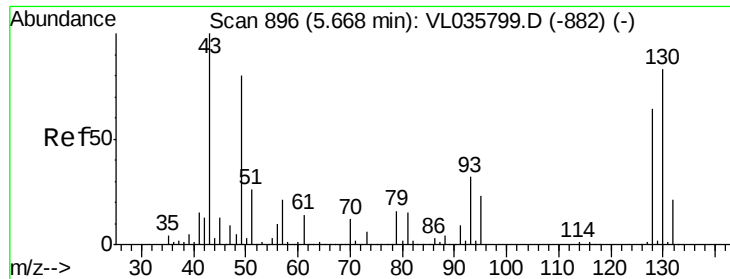
Instrument :
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Quant Time: Nov 04 05:24:24 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Nov
QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL035807.D

Acq: 3 Nov 2020 16:45

Instrument :

MSVOA_L

ClientSampleId :

VL1103ABL01

Tot Ion: 49 Resp: 1332768

Ion Ratio Lower Upper

49 100

128 92.0 41.5 124.6

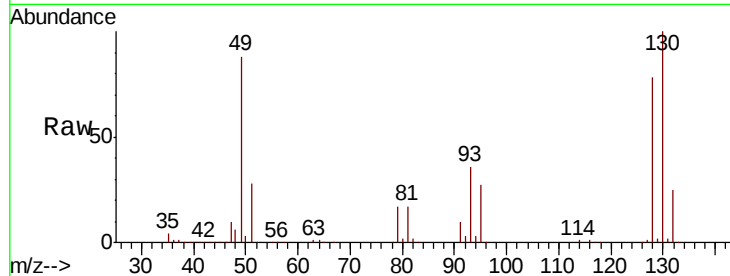
130 118.0 53.7 161.1

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

800000

600000

400000

200000

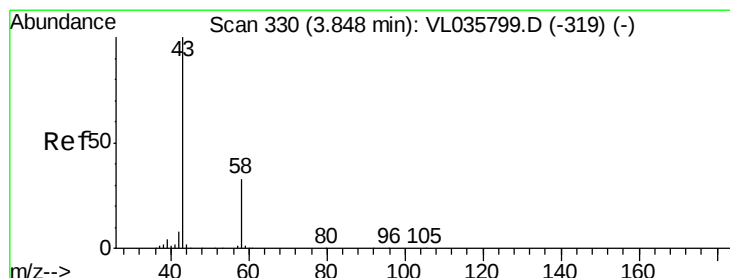
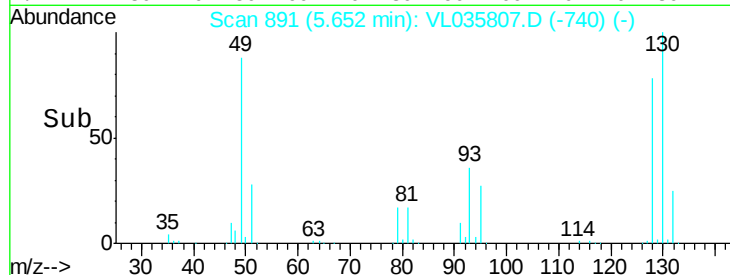
0

5.65

5.70

5.80

Time-->



#15

Acetone

Concen: 0.155 ppbv m

RT: 3.85 min Scan# 332

Delta R.T. 0.01 min

Lab File: VL035807.D

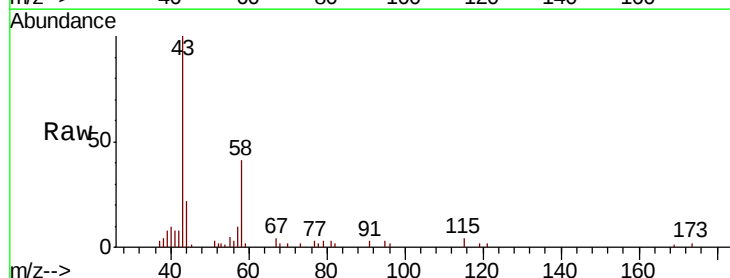
Acq: 3 Nov 2020 16:45

Tgt Ion: 43 Resp: 22079

Ion Ratio Lower Upper

43 100

58 0.0 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

15000 Ion 58.10 (57.80 to 58.80): VL0

10000

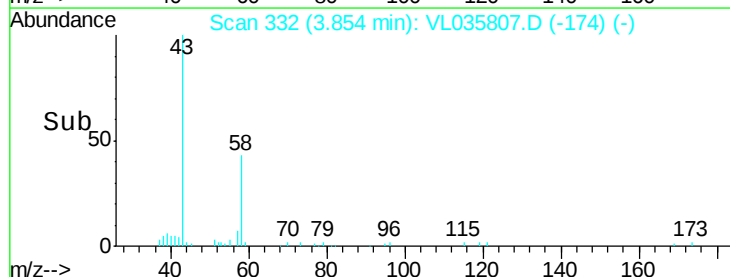
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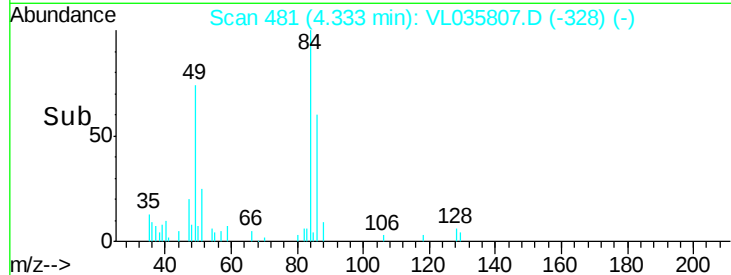
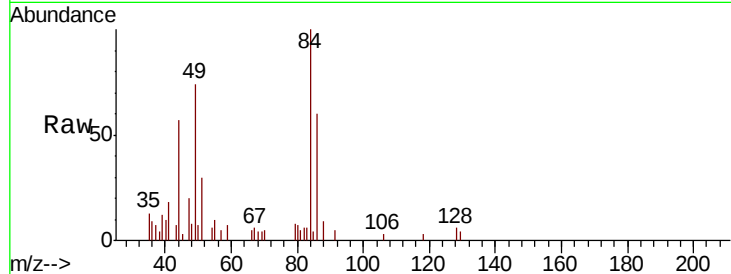
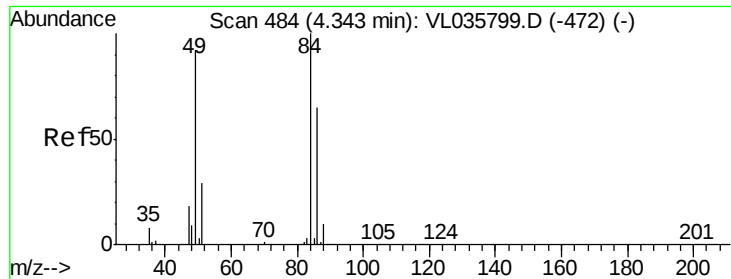
0

3.85

3.90

Time-->





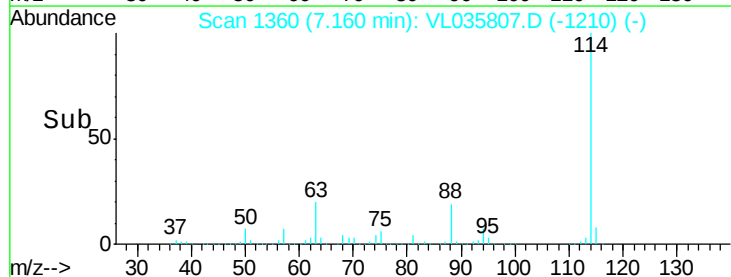
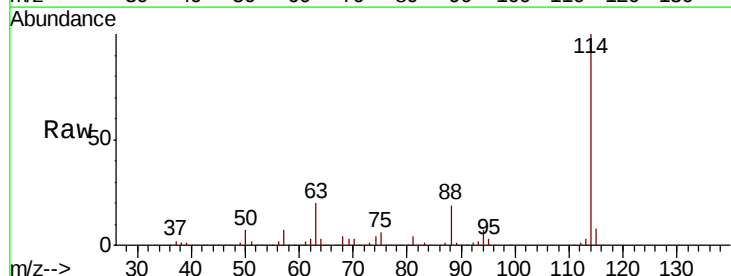
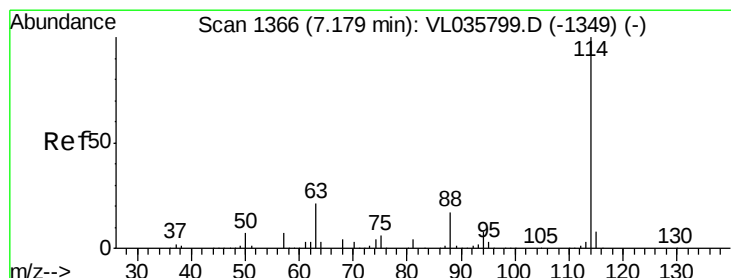
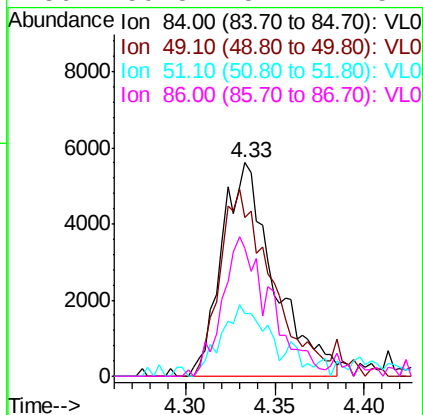
#20
Methylene Chloride
Concen: 0.114 ppbv
RT: 4.33 min Scan# 481
Delta R.T. -0.01 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

Tot Ion:	84	Resp:	11425
Ion	Ratio	Lower	Upper
84	100		
49	74.5	73.8	110.8
51	29.6	23.0	34.4
86	59.8	52.1	78.1

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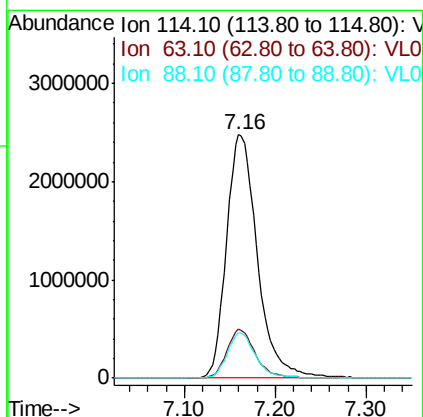
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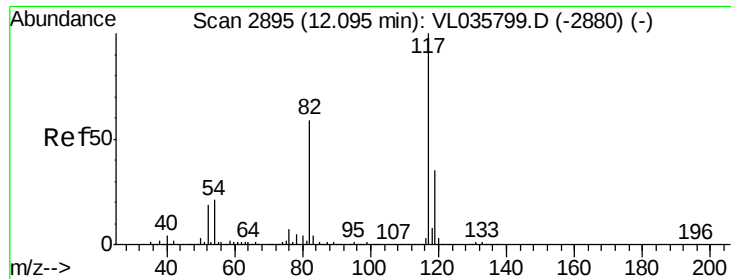
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. -0.02 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

Tgt Ion:	114	Resp:	5846126
Ion	Ratio	Lower	Upper
114	100		
63	18.6	16.1	24.1
88	17.3	13.7	20.5





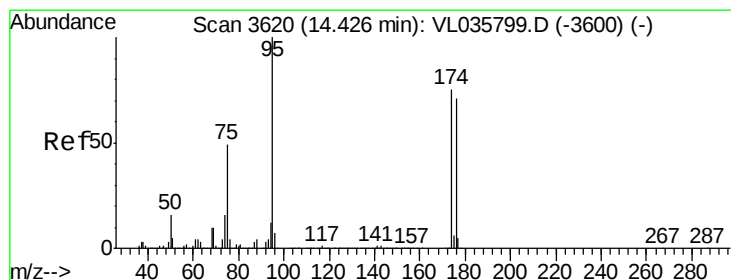
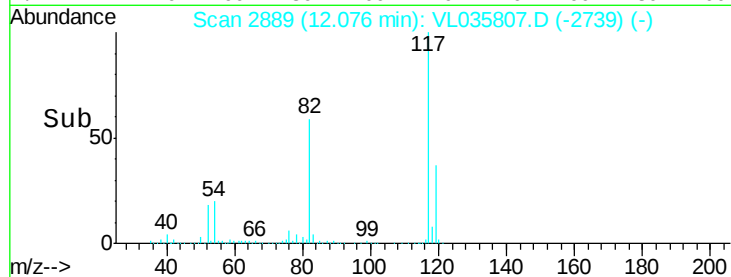
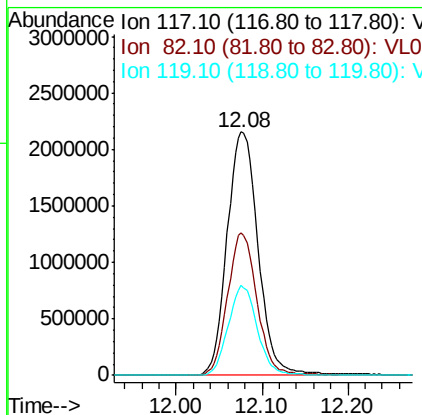
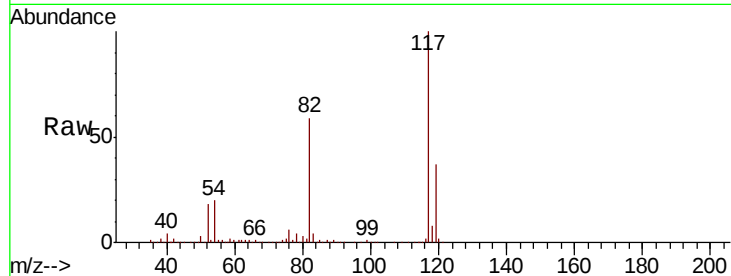
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	50.6	76.0
119	35.1	52.6	78.8#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.067 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. -0.02 min
Lab File: VL035807.D
Acq: 3 Nov 2020 16:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.1	59.8	89.6
175	5.2	4.3	6.5

