

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120320\
 Data File : VL036059.D
 Acq On : 3 Dec 2020 20:30
 Operator : SY/AP
 Sample : OC120120 CAN 10258
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120120 CAN 10258

Quant Time: Dec 04 10:19:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec 04 03:52:25 2020
 QLast Update : Fri Dec 04 03:52:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1109493	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3745881	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3458081	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2590134	9.84	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.40%

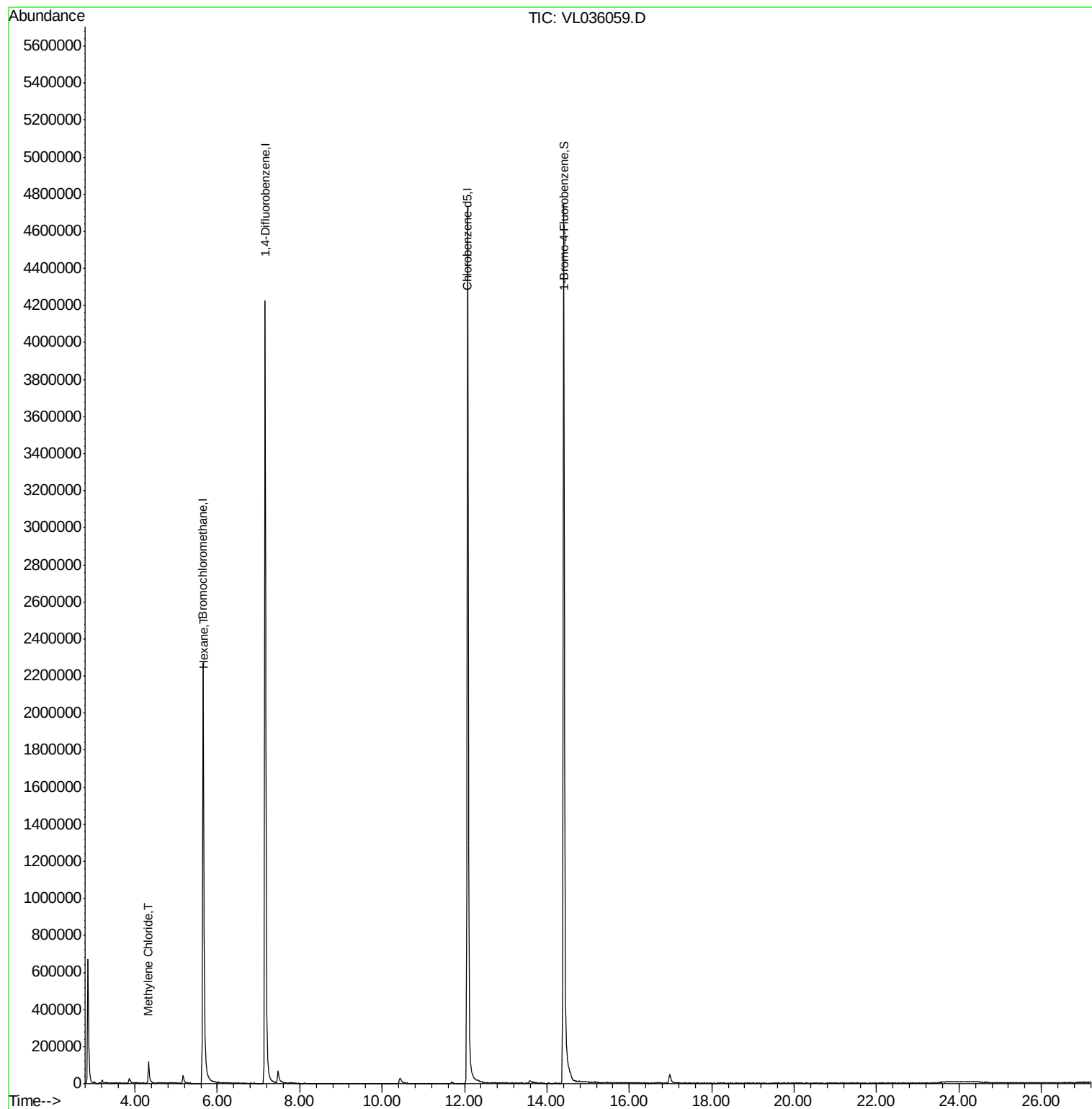
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.33	84	64076	0.647	ppbv	95
26) Hexane	5.67	57	14451	0.115	ppbv #	43

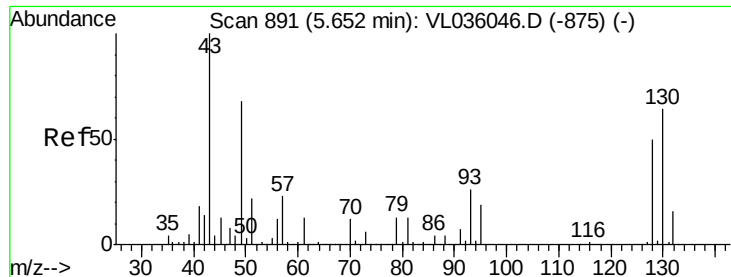
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 03:52:25 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.00 min

Lab File: VL036059.D

Acq: 3 Dec 2020 20:30

Instrument :

MSVOA_L

ClientSampleId :

QC120120 CAN 10258

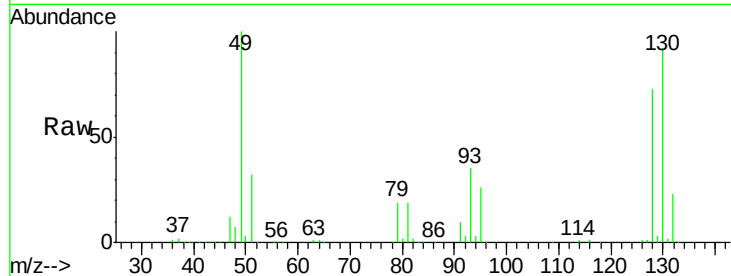
Tot Ion: 49 Resp: 1109493

Ion Ratio Lower Upper

49 100

128 74.4 38.3 114.8

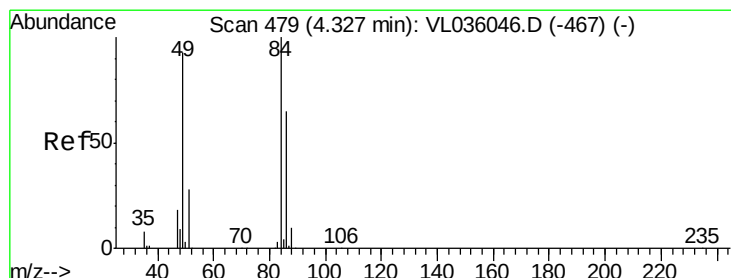
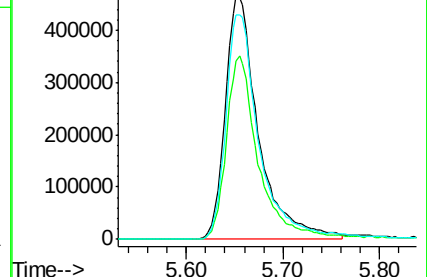
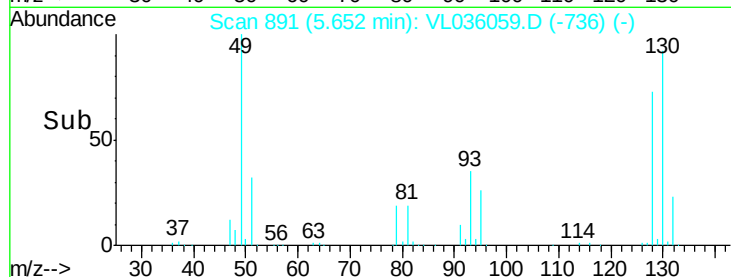
130 95.5 49.1 147.4



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



#20

Methylene Chloride

Concen: 0.647 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL036059.D

Acq: 3 Dec 2020 20:30

Tgt Ion: 84 Resp: 64076

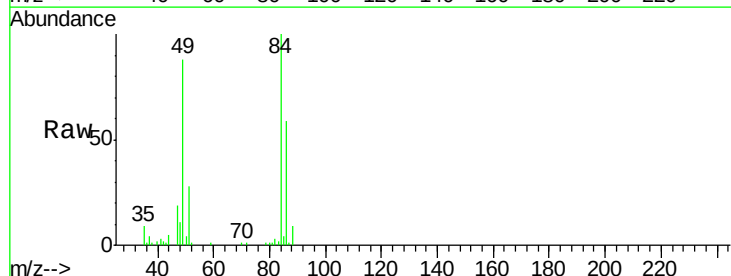
Ion Ratio Lower Upper

84 100

49 87.7 74.4 111.6

51 28.2 22.5 33.7

86 59.5 52.2 78.2

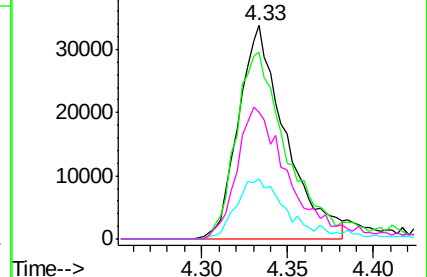
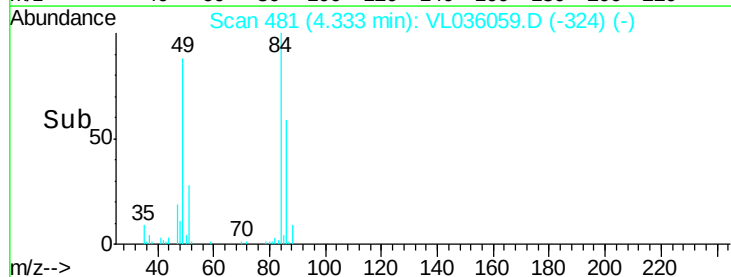


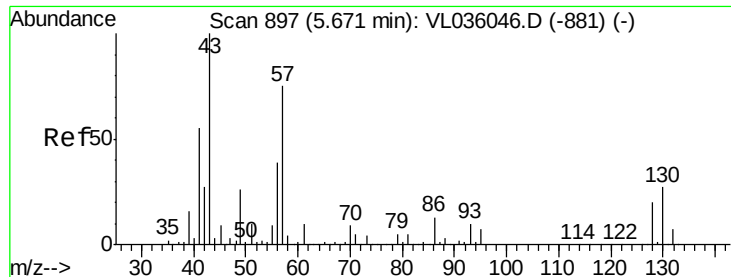
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0

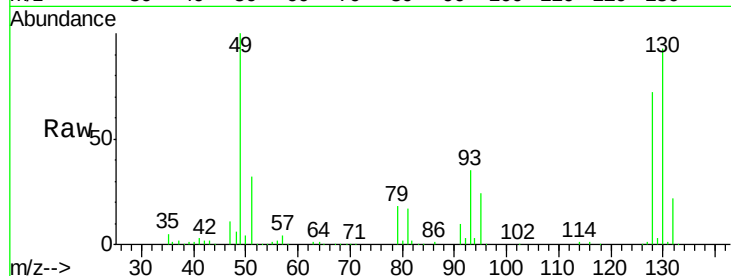




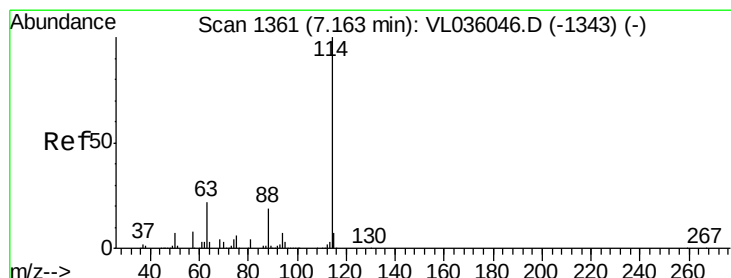
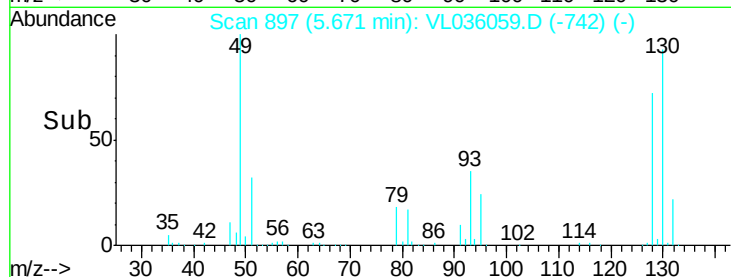
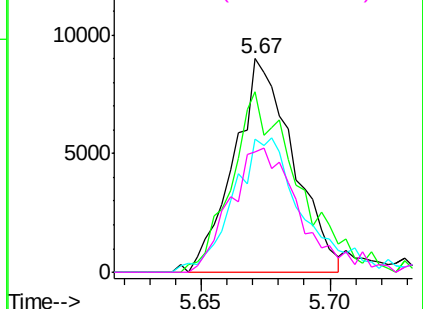
#26
Hexane
Concen: 0.115 ppbv
RT: 5.67 min Scan# 897
Delta R.T. -0.00 min
Lab File: VL036059.D
Acq: 3 Dec 2020 20:30

Instrument :
MSVOA_L
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QC120120 CAN 10258

Tot Ion: 57 Resp: 14451
Ion Ratio Lower Upper
57 100
41 99.3 61.6 92.4#
43 74.2 152.9 229.3#
56 69.0 43.0 64.6#

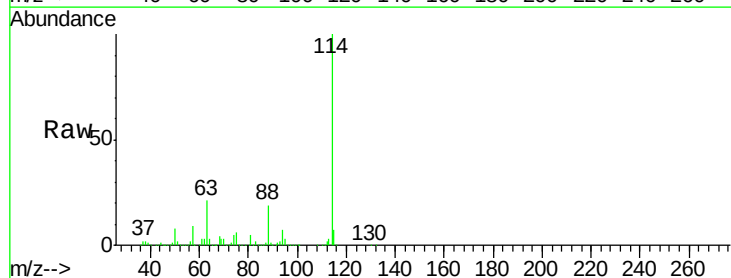


Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0

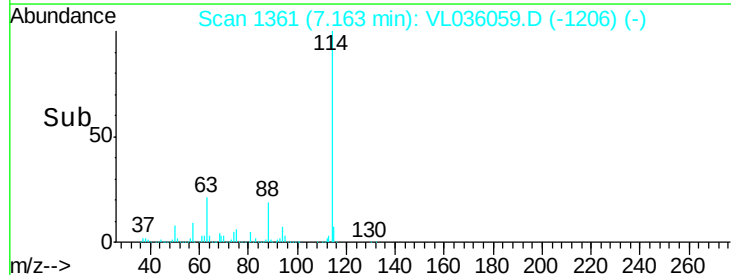
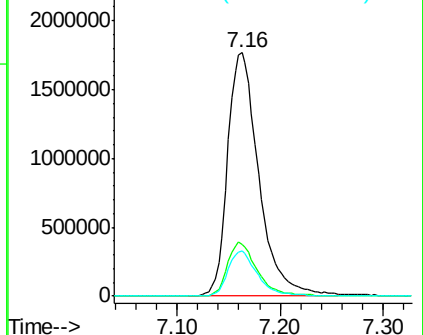


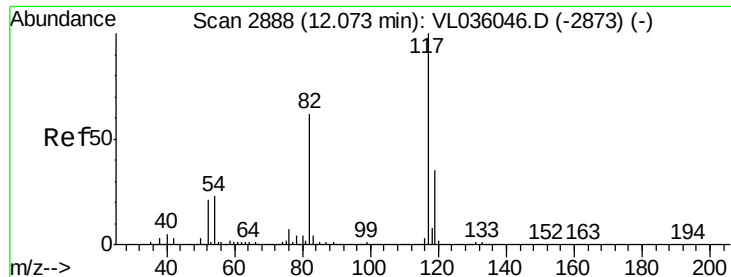
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VL036059.D
Acq: 3 Dec 2020 20:30

Tgt Ion: 114 Resp: 3745881
Ion Ratio Lower Upper
114 100
63 21.4 17.2 25.8
88 17.7 14.0 21.0



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

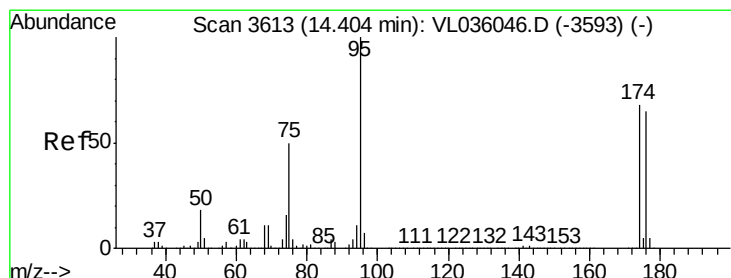
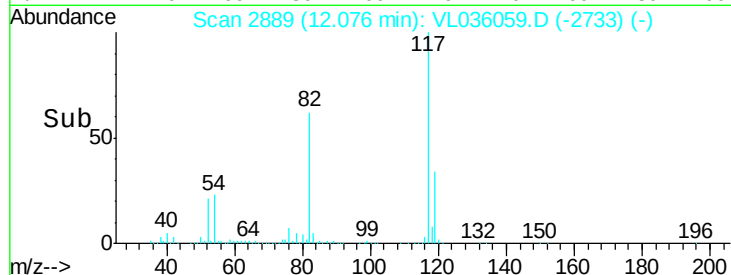
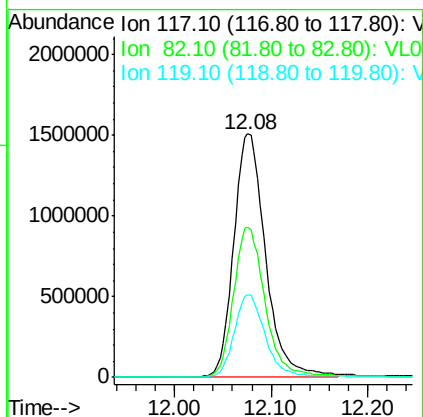
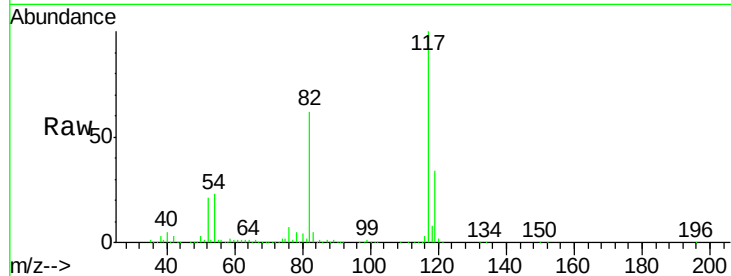




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL036059.D
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Tot Ion:117 Resp: 3458081
Ion Ratio Lower Upper
117 100
82 62.4 49.9 74.9
119 34.0 28.7 43.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.843 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.00 min
Lab File: VL036059.D
Acq: 3 Dec 2020 20:30

Tgt Ion: 95 Resp: 2590134
Ion Ratio Lower Upper
95 100
174 70.0 54.2 81.2
175 4.9 3.8 5.8

