

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120320\
 Data File : VL036060.D
 Acq On : 3 Dec 2020 21:10
 Operator : SY/AP
 Sample : OC120120 CAN 10258
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120120 CAN 10258

Manual Integrations
 APPROVED

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 12/7/2020 12:08:36 PM

Quant Time: Dec 04 10:20:08 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 10:20:08 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	1040761	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3651375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	3368681	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2541670	9.92	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.20%
Target Compounds						
20) Methylene Chloride	4.33	84	62082	0.669	ppbv	Ovalue 94
26) Hexane	5.67	57	14101m	0.119	ppbv	

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

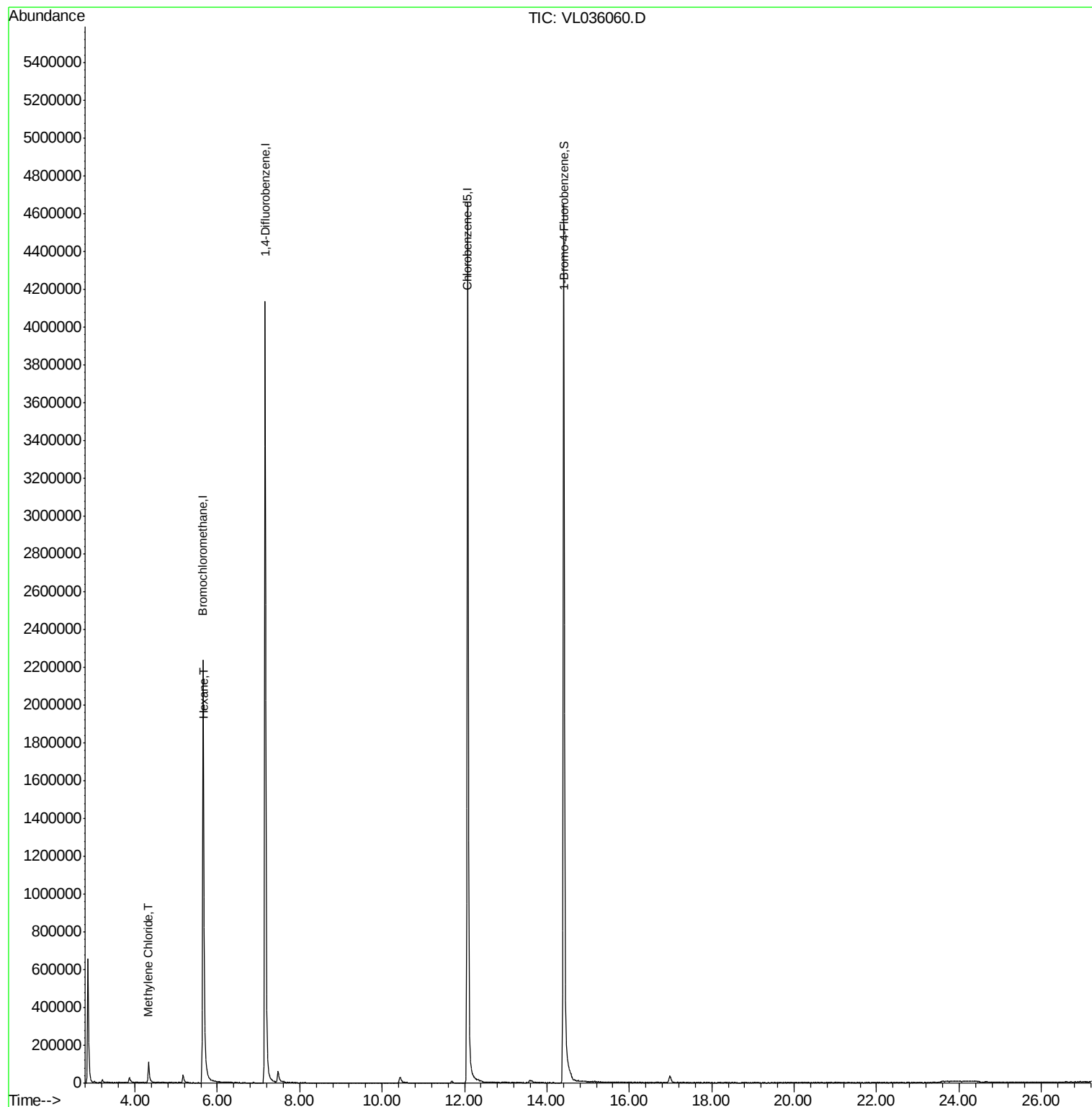
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Data File : VL036060.D
Acq On : 3 Dec 2020 21:10
Operator : SY/AP
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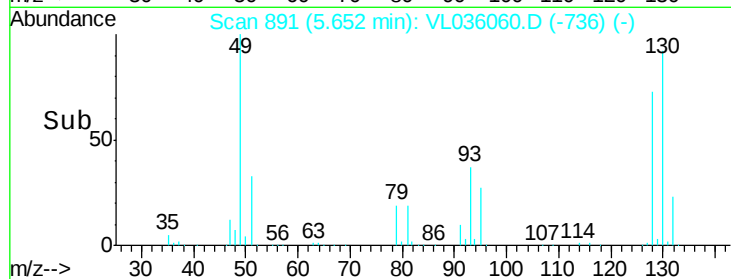
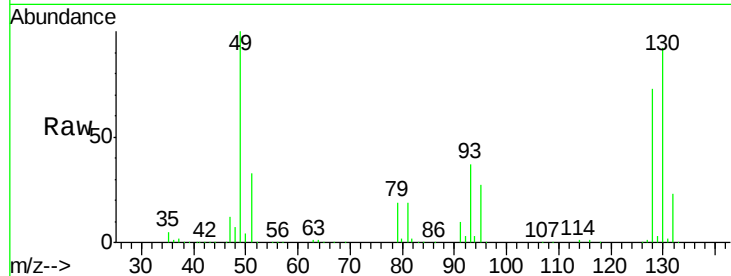
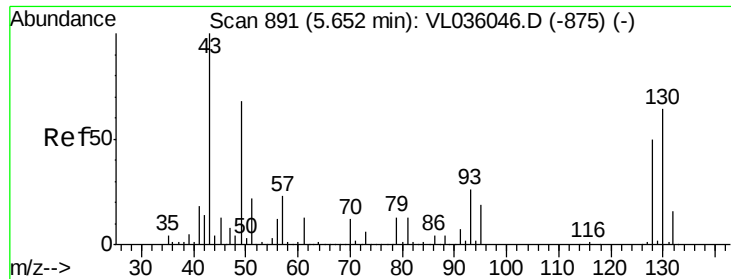
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QC120120 CAN 10258

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Quant Time: Dec 04 10:20:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120320AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Dec
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: VL036060.D

Acq: 3 Dec 2020 21:10

Tot Ion: 49 Resp: 1040761

Ion Ratio Lower Upper

49 100

128 76.7 38.3 114.8

130 99.3 49.1 147.4

Instrument :

MSVOA_L

ClientSampleId :

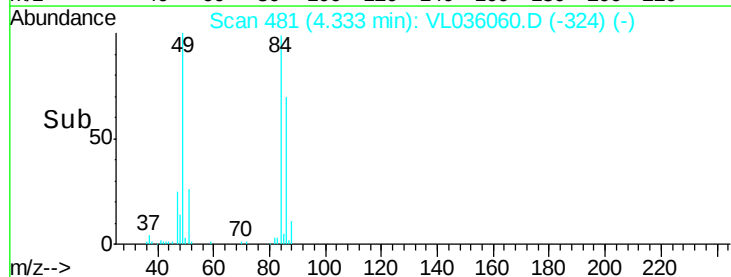
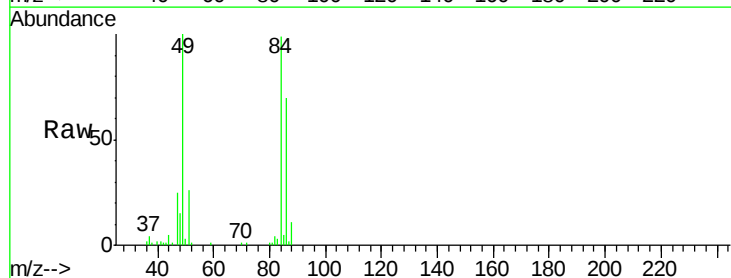
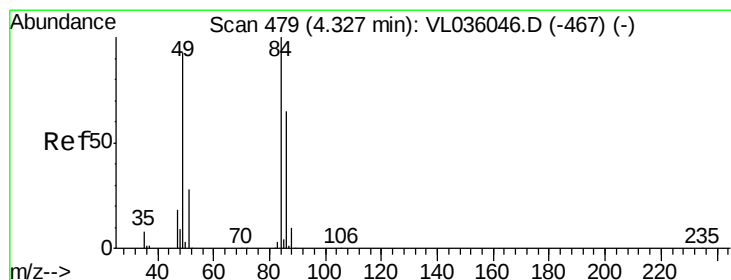
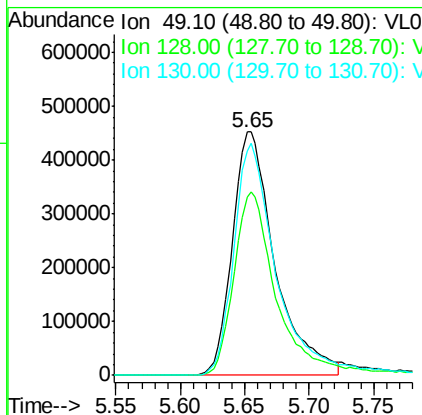
QC120120 CAN 10258

Manual Integrations

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#20

Methylene Chloride

Concen: 0.669 ppbv

RT: 4.33 min Scan# 481

Delta R.T. 0.01 min

Lab File: VL036060.D

Acq: 3 Dec 2020 21:10

Tgt Ion: 84 Resp: 62082

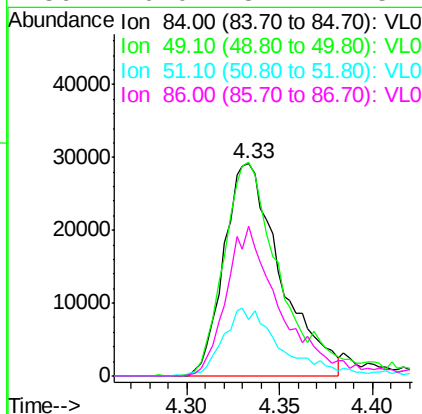
Ion Ratio Lower Upper

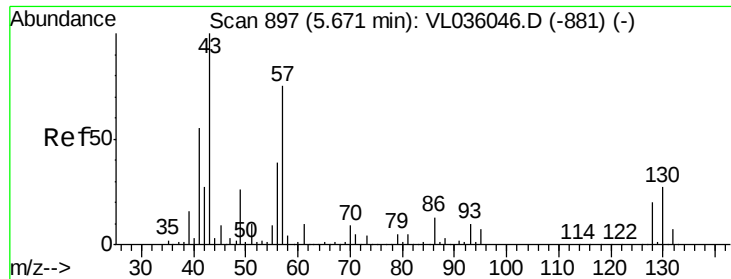
84 100

49 99.8 74.4 111.6

51 25.2 22.5 33.7

86 70.0 52.2 78.2





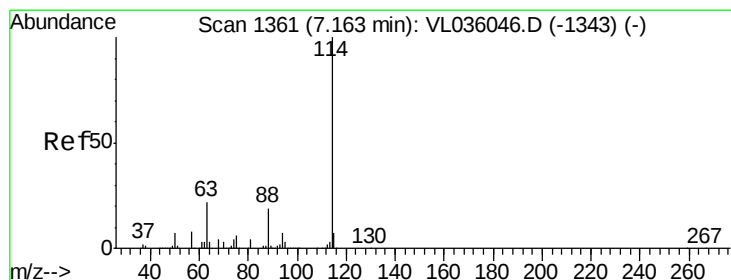
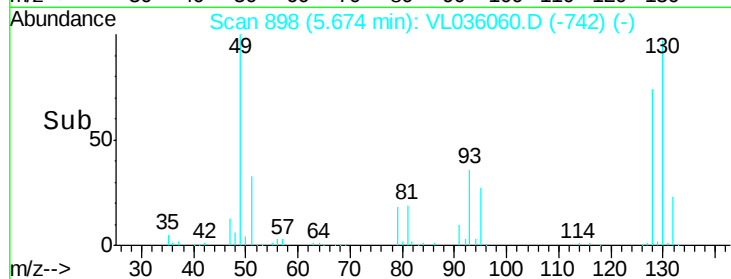
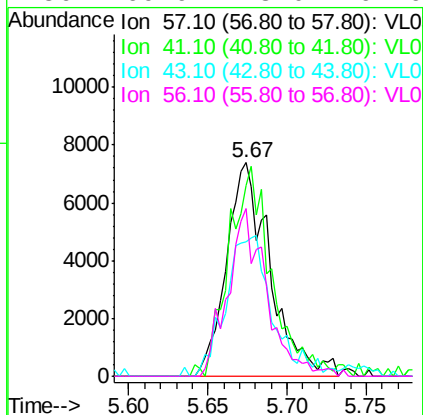
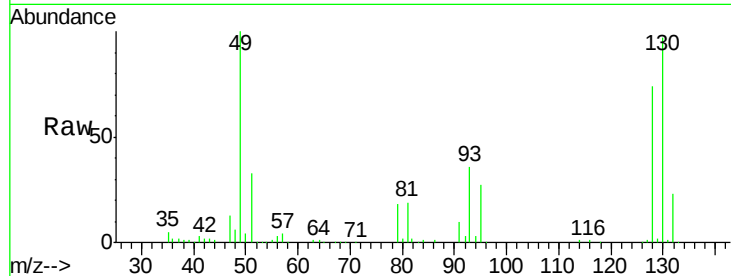
#26
Hexane
Concen: 0.119 ppbv m
RT: 5.67 min Scan# 898
Delta R.T. 0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

Tot Ion	Ratio	Lower	Upper
57	100		
41	98.2	61.6	92.4#
43	74.5	152.9	229.3#
56	69.9	43.0	64.6#

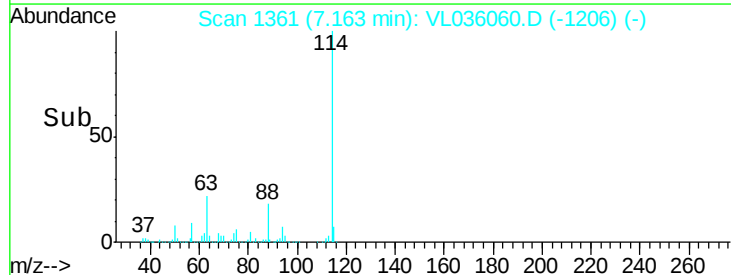
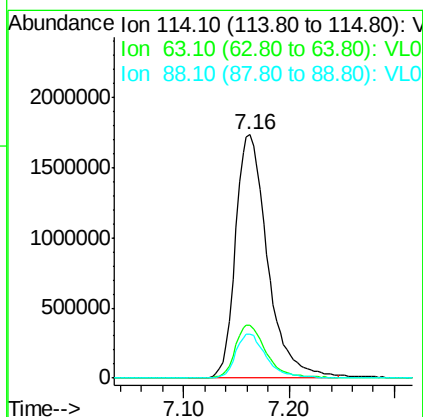
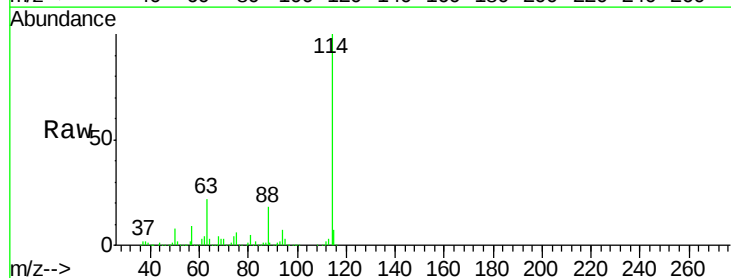
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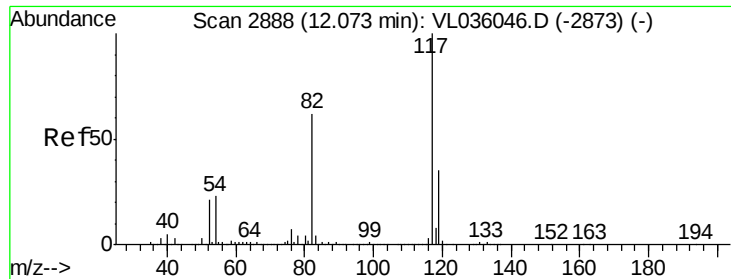
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	17.2	25.8
88	17.6	14.0	21.0





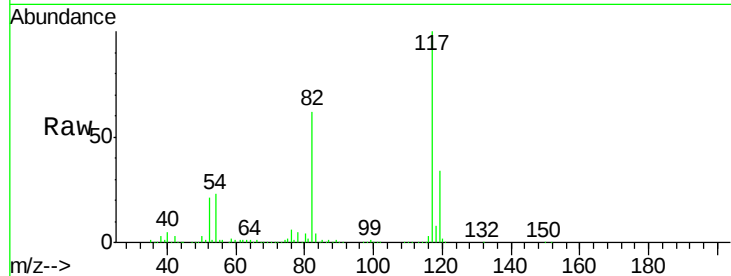
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. 0.00 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Instrument :
MSVOA_L
ClientSampleId :
QC120120 CAN 10258

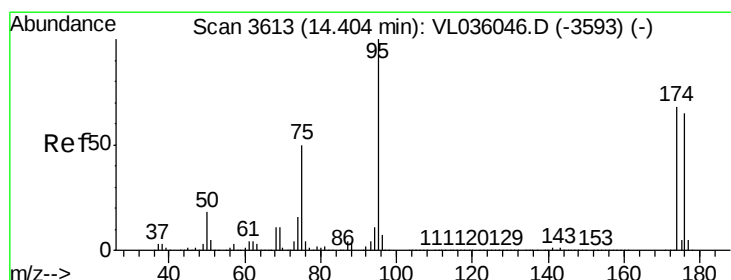
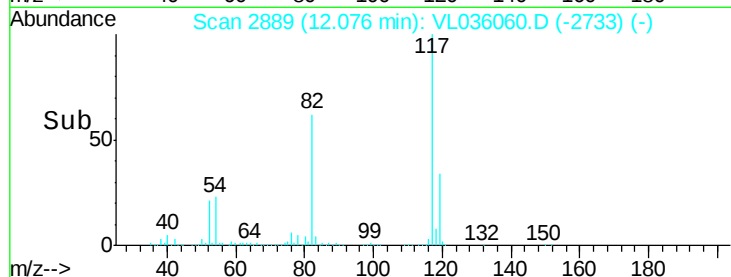
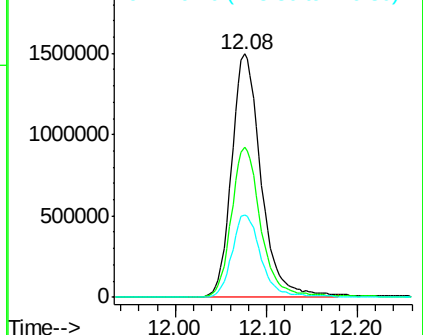
Tot Ion	Ratio	Lower	Upper
117	100		
82	63.0	49.9	74.9
119	34.0	28.7	43.1

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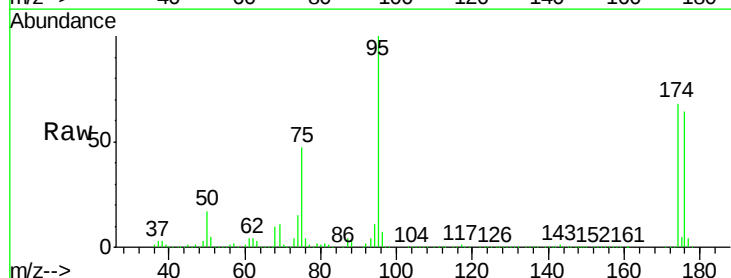


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): V
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 9.915 ppbv
RT: 14.41 min Scan# 3615
Delta R.T. 0.01 min
Lab File: VL036060.D
Acq: 3 Dec 2020 21:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.8	54.2	81.2
175	4.9	3.8	5.8



Abundance Ion 95.10 (94.80 to 95.80): V
Ion 174.00 (173.70 to 174.70): V
Ion 175.00 (174.70 to 175.70): V

