

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035861.D
 Acq On : 5 Nov 2020 15:18
 Operator : SY/AP
 Sample : L4220-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 10:47:30 AM

Quant Time: Nov 06 00:52:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 0
 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	822968	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3095943	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	2942773	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	1966933	9.41	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.10%
Target Compounds						
15) Acetone	3.85	43	20523m	0.233	ppbv	Ovalue
20) Methylene Chloride	4.32	84	22749	0.367	ppbv #	91

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

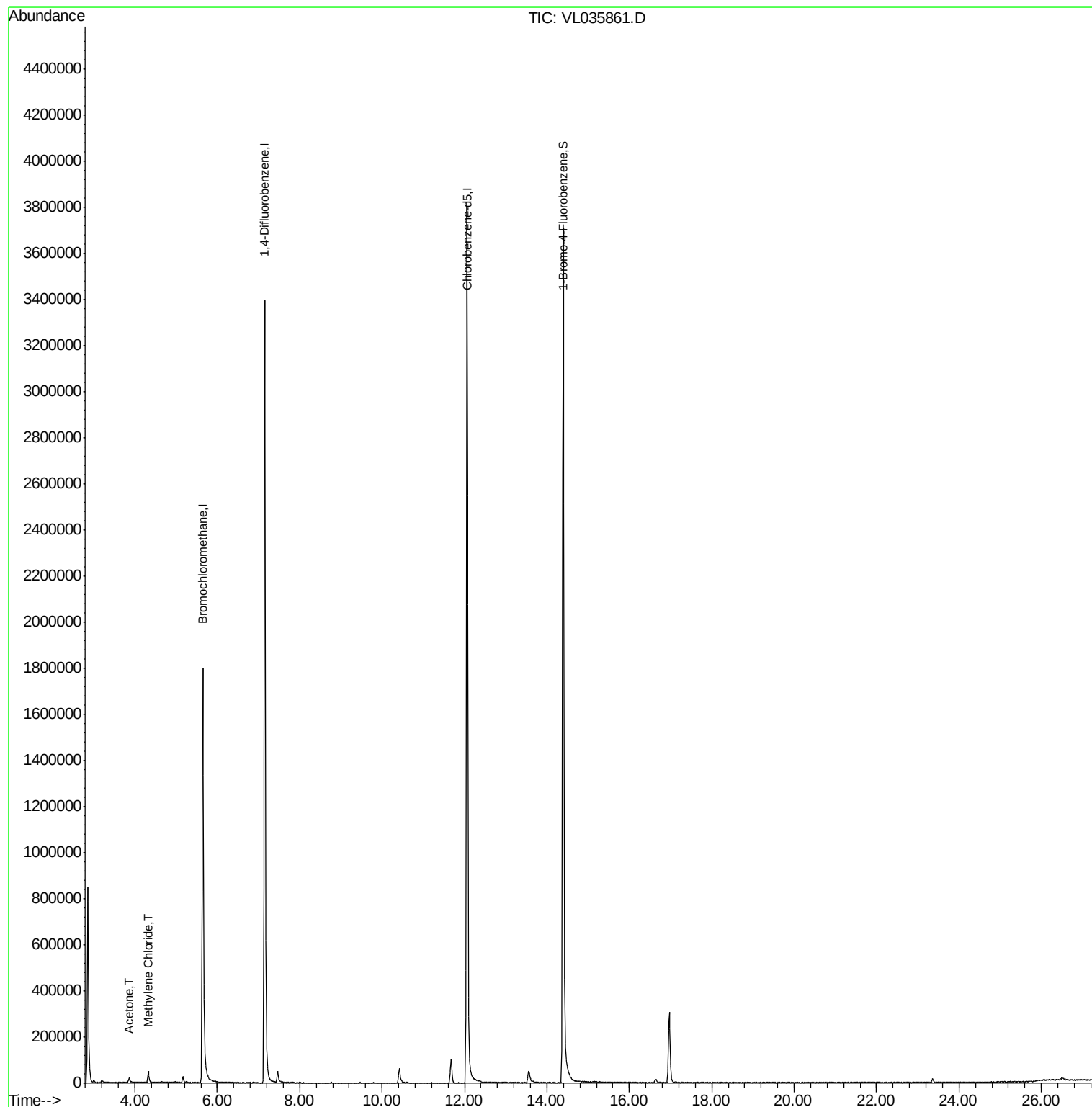
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL110520\
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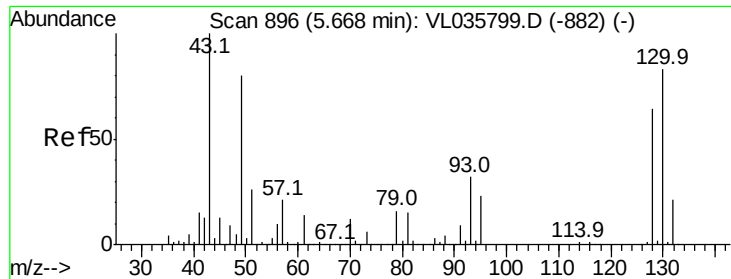
Instrument :
MSVOA_L
ClientSampleId :
SV1

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11/9/2020 10:47:30 AM

Quant Time: Nov 06 00:52:16 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# 889

Delta R.T. -0.02 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Instrument :

MSVOA_L

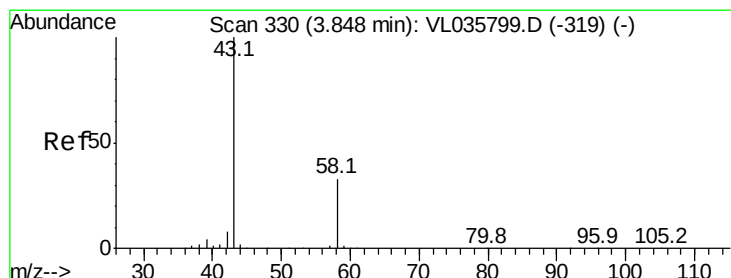
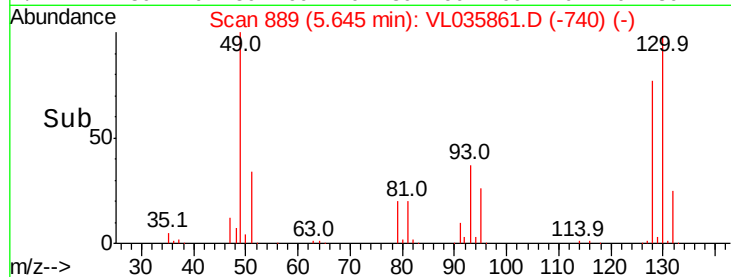
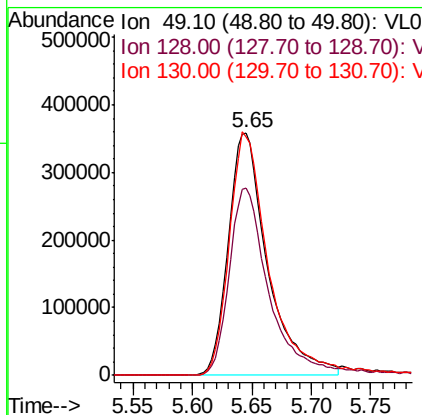
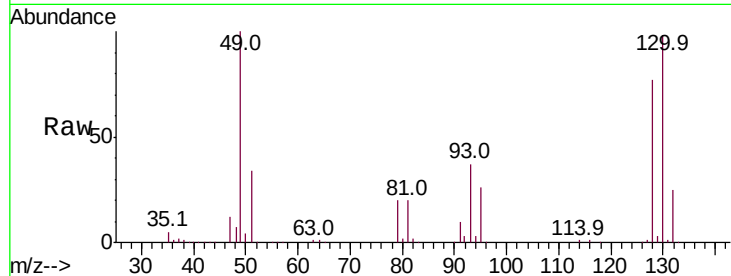
ClientSampled :

SV1

Tot Ion:	49	Resp:	822968
Ion Ratio	Lower	Upper	
49	100		
128	80.4	41.5	124.6
130	103.3	53.7	161.1

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#15

Acetone

Concen: 0.233 ppbv m

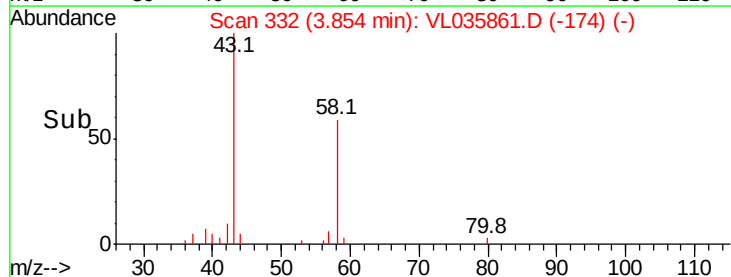
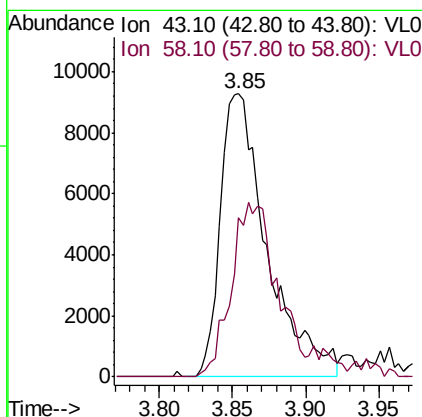
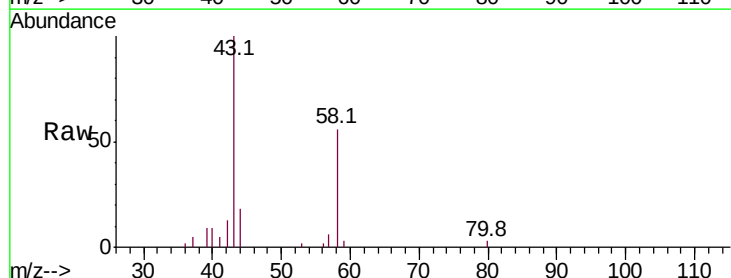
RT: 3.85 min Scan# 332

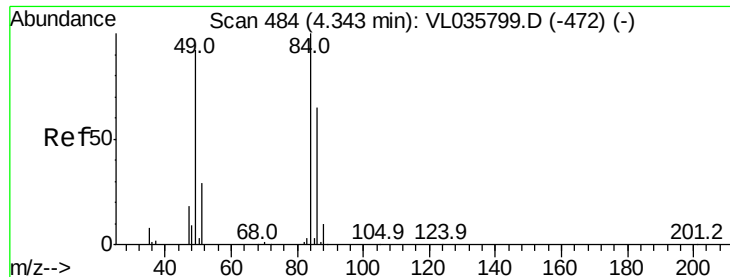
Delta R.T. 0.01 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Tgt Ion:	43	Resp:	20523
Ion Ratio	Lower	Upper	
43	100		
58	68.3	27.5	41.3#





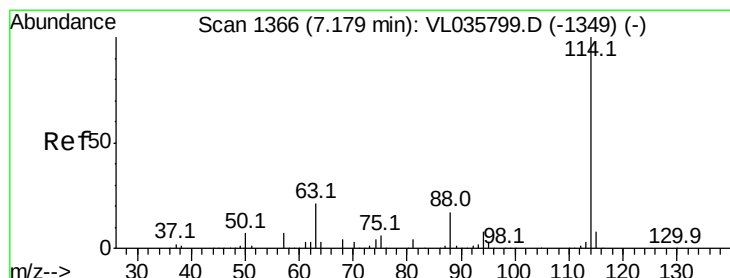
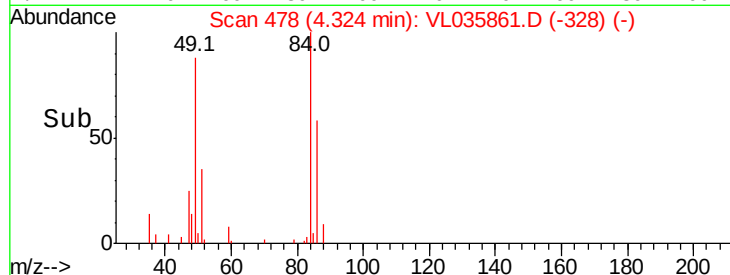
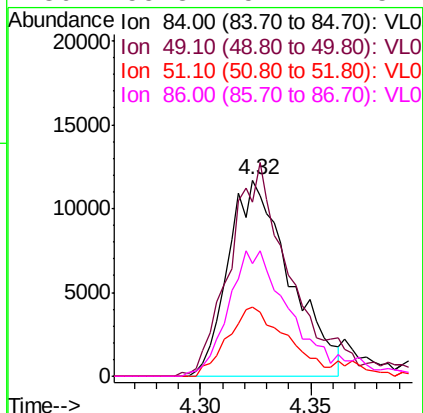
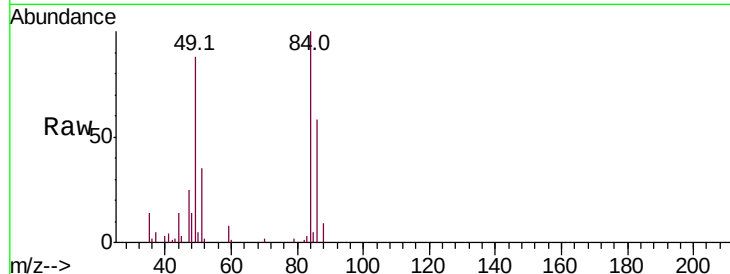
#20
Methylene Chloride
Concen: 0.367 ppbv
RT: 4.32 min Scan# 478
Delta R.T. -0.02 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

Instrument :
MSVOA_L
ClientSampleId :
SV1

Tot Ion	Ratio	Lower	Upper
84	100		
49	87.1	73.8	110.8
51	35.3	23.0	34.4#
86	55.3	52.1	78.1

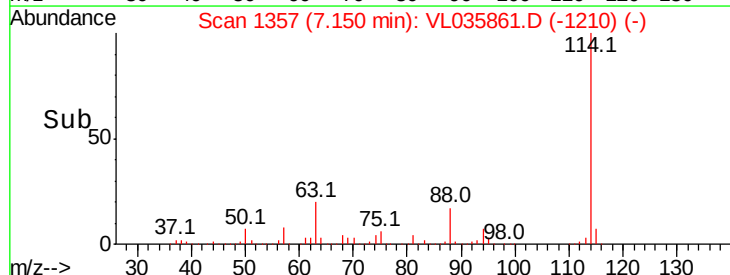
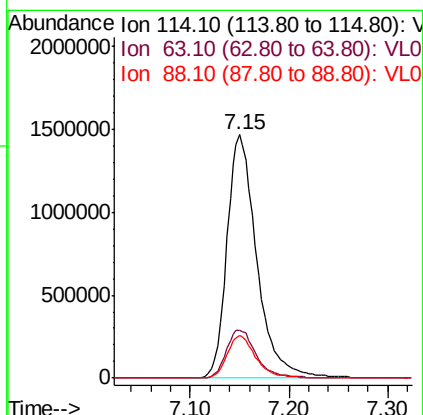
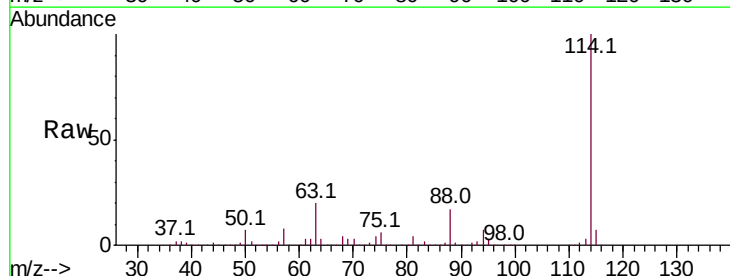
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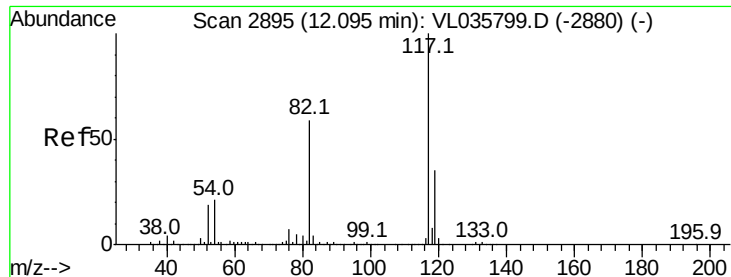
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11/9/2020 10:47:30 AM



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL035861.D
Acq: 5 Nov 2020 15:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	17.1	13.7	20.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2885

Delta R.T. -0.03 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

Instrument :

MSVOA_L

ClientSampleId :

SV1

Tot Ion:117 Resp: 2942773

Ion Ratio Lower Upper

117 100

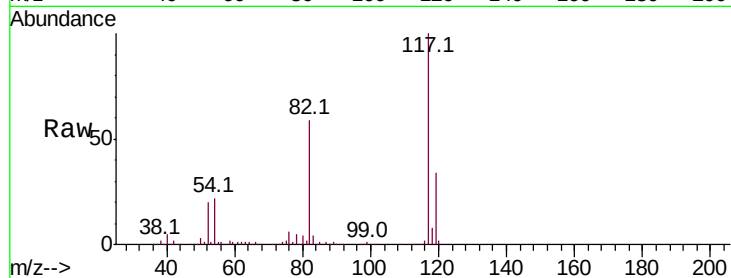
82 59.4 50.6 76.0

119 33.7 52.6 78.8#

Manual Integrations
APPROVED

MMDadoda

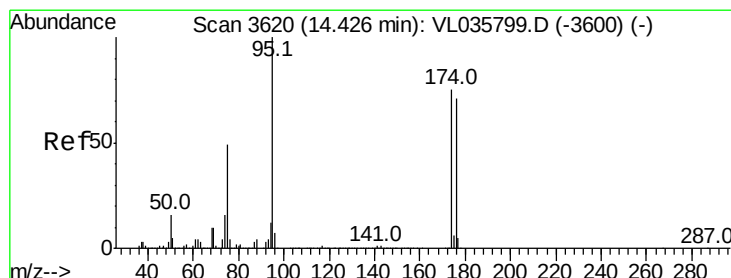
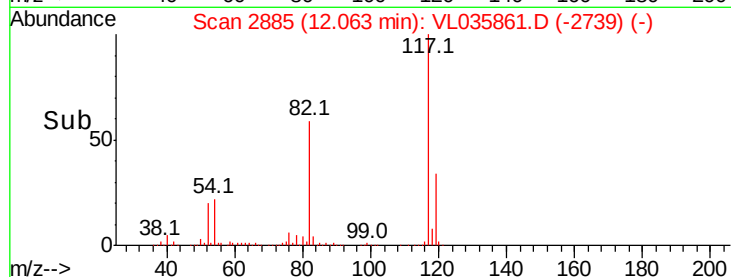
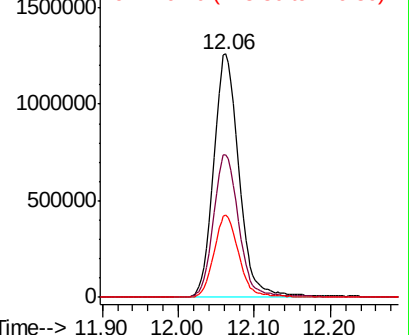
11/9/2020 10:47:30 AM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.408 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. -0.03 min

Lab File: VL035861.D

Acq: 5 Nov 2020 15:18

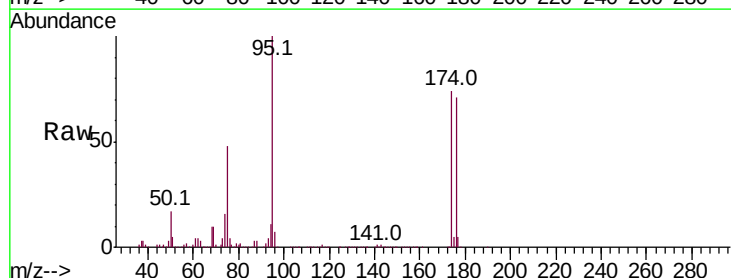
Tgt Ion: 95 Resp: 1966933

Ion Ratio Lower Upper

95 100

174 75.4 59.8 89.6

175 5.1 4.3 6.5



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

