

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111620\
 Data File : VL035967.D
 Acq On : 17 Nov 2020 6:16
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 9:08:43 AM

Quant Time: Nov 17 13:12:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.67	49	1223546	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	4718111	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	4302733	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	3128208	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Acetone	3.88	43	17660m	0.135	ppbv	
20) Methylene Chloride	4.34	84	13156m	0.143	ppbv	

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

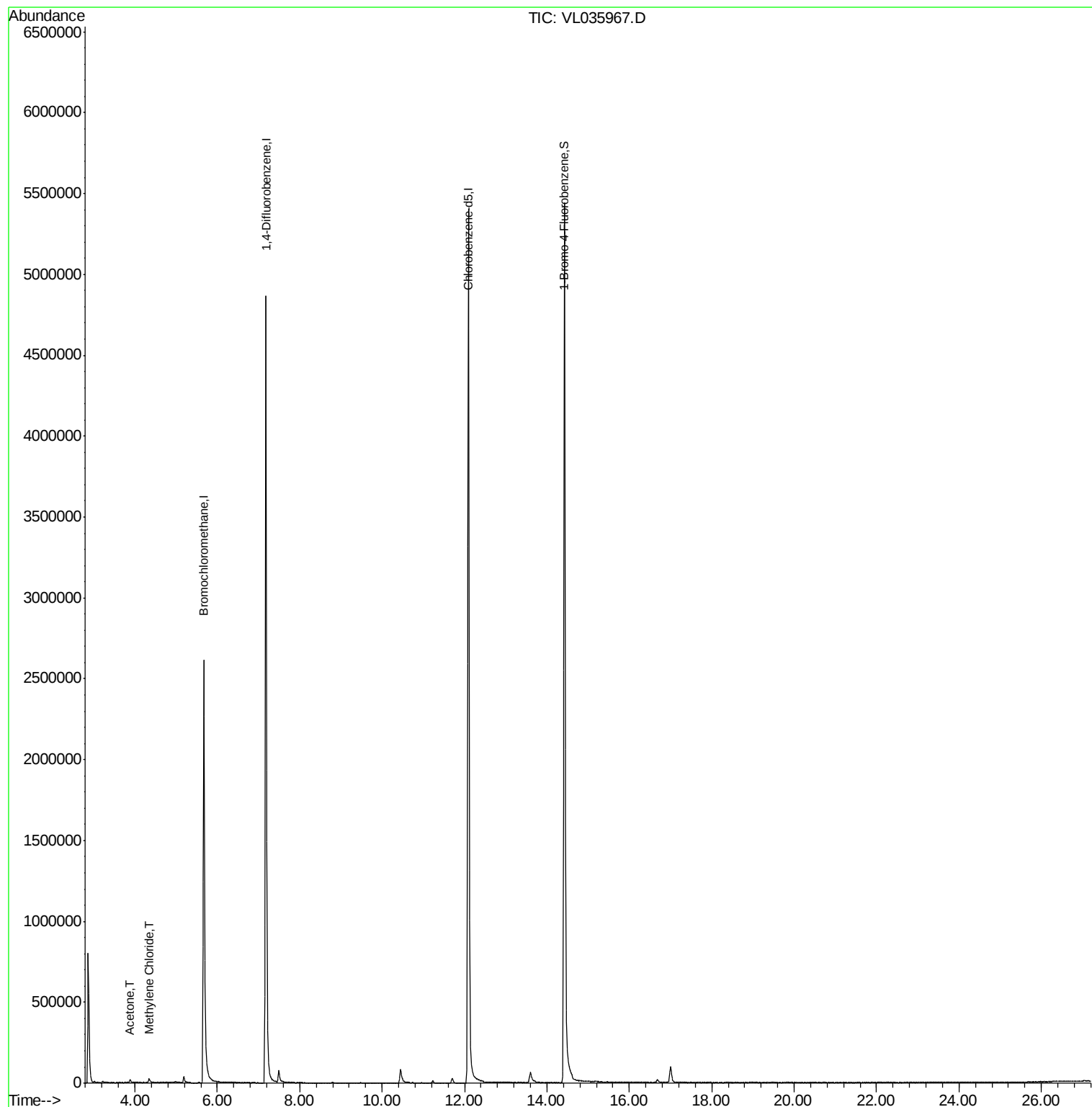
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111620\
Data File : VL035967.D
Acq On : 17 Nov 2020 6:16
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

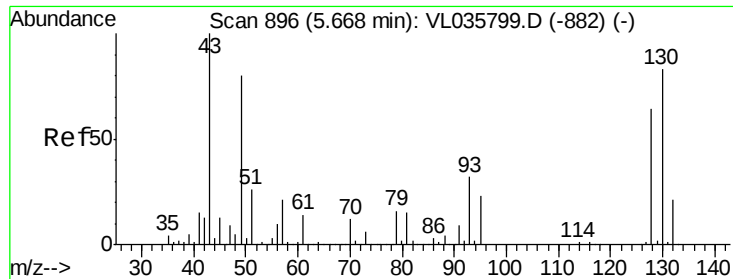
Instrument :
MSVOA_L
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VIBLK

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Quant Time: Nov 17 13:12:22 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: 5.67 min Scan# 896

Delta R.T. 0.00 min

Lab File: VL035967.D

Acq: 17 Nov 2020 6:16

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion: 49 Resp: 1223546

Ion Ratio Lower Upper

49 100

128 82.1 41.5 124.6

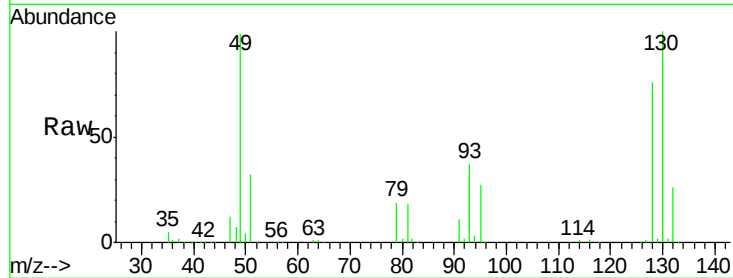
130 106.1 53.7 161.1

Manual Integrations

APPROVED

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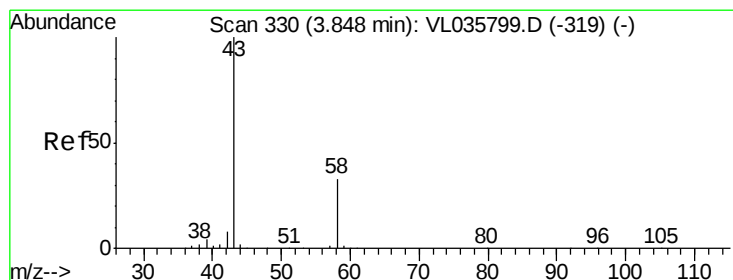
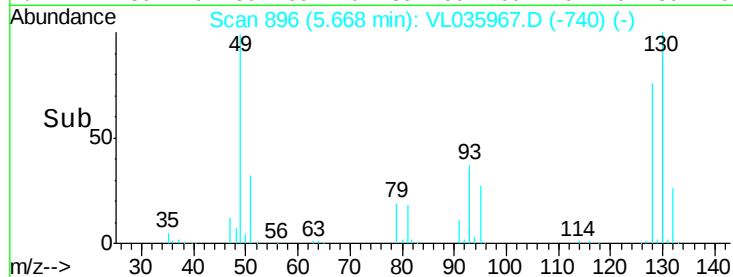
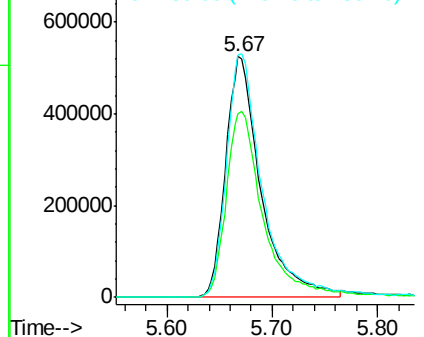
11/18/2020 9:08:43 AM



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



#15

Acetone

Concen: 0.135 ppbv m

RT: 3.88 min Scan# 339

Delta R.T. 0.03 min

Lab File: VL035967.D

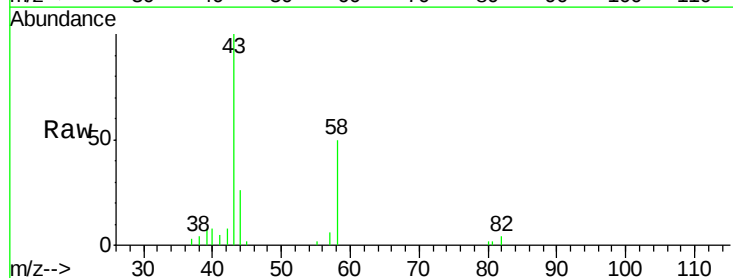
Acq: 17 Nov 2020 6:16

Tgt Ion: 43 Resp: 17660

Ion Ratio Lower Upper

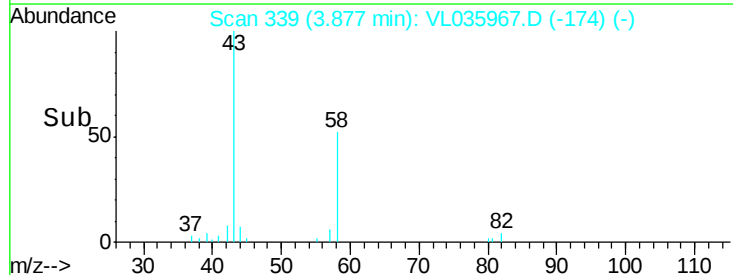
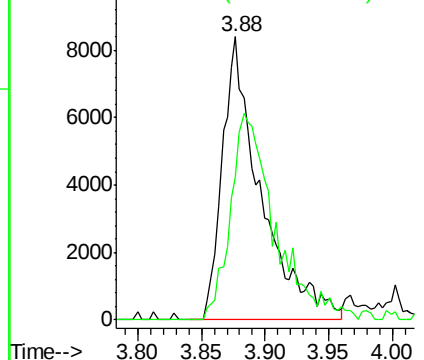
43 100

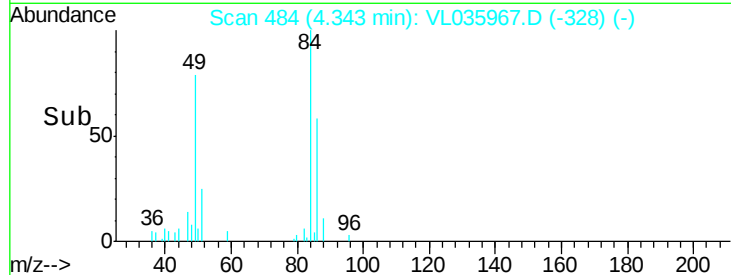
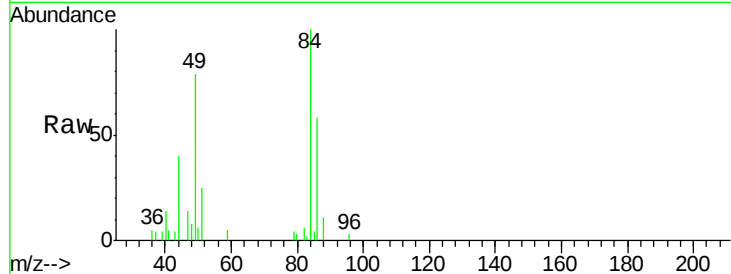
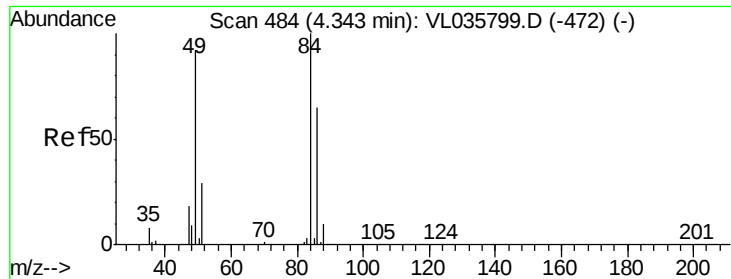
58 83.8 27.5 41.3#



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 58.10 (57.80 to 58.80): VL0





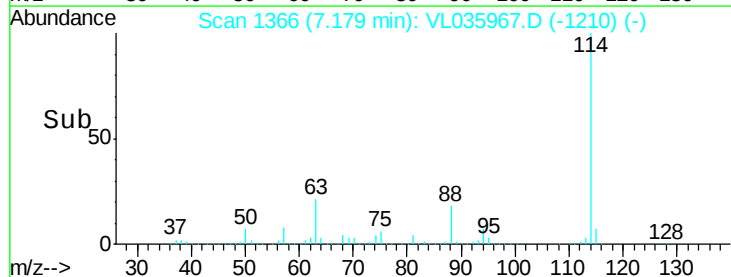
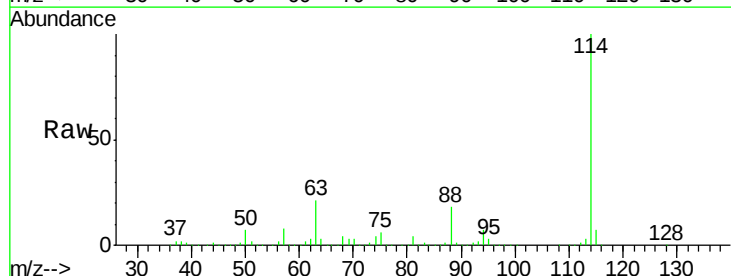
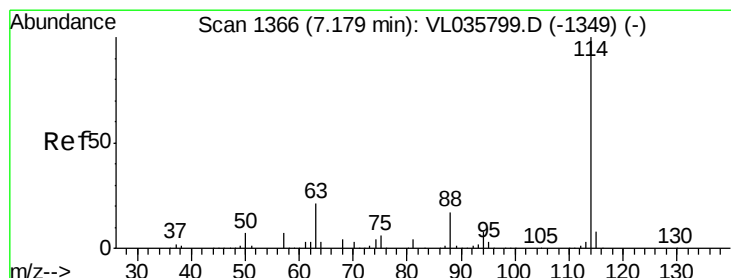
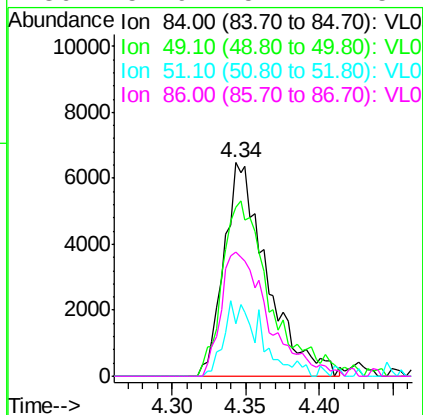
#20
Methvlene Chloride
Concen: 0.143 ppbv m
RT: 4.34 min Scan# 484
Delta R.T. 0.00 min
Lab File: VL035967.D
Acq: 17 Nov 2020 6:16

Tot Ion:	84	Resp:	13156
Ion Ratio	Lower	Upper	
84	100		
49	79.1	73.8	110.8
51	24.6	23.0	34.4
86	57.9	52.1	78.1

Instrument :
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VIBLK

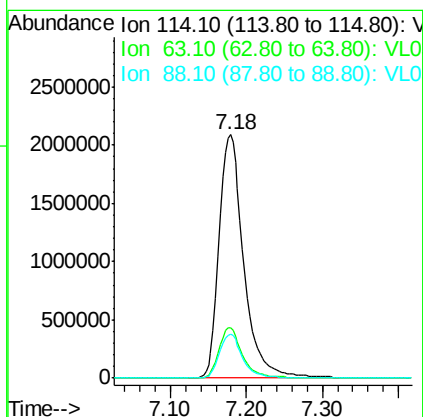
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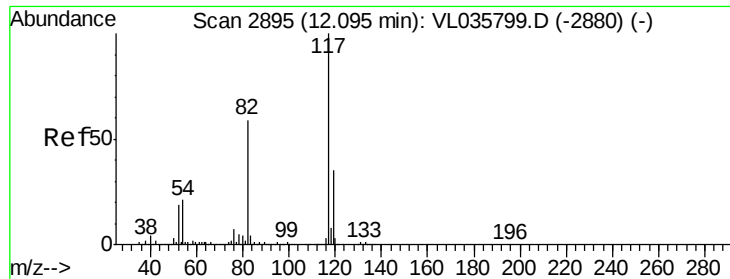
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1366
Delta R.T. 0.00 min
Lab File: VL035967.D
Acq: 17 Nov 2020 6:16

Tgt Ion:	114	Resp:	4718111
Ion Ratio	Lower	Upper	
114	100		
63	19.7	16.1	24.1
88	17.1	13.7	20.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2894

Delta R.T. -0.00 min

Lab File: VL035967.D

Acq: 17 Nov 2020 6:16

Instrument :

MSVOA_L

ClientSampled :

VIBLK

Tot Ion:117 Resp: 4302733

Ion Ratio Lower Upper

117 100

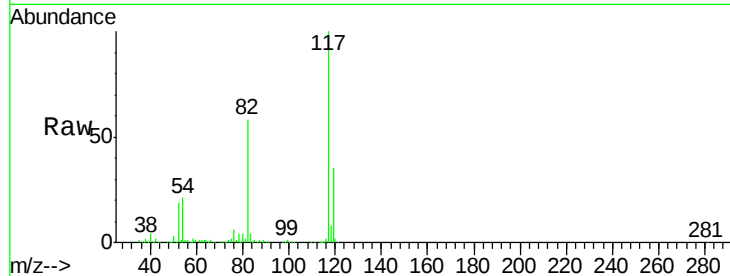
82 59.2 50.6 76.0

119 34.5 52.6 78.8#

Manual Integrations
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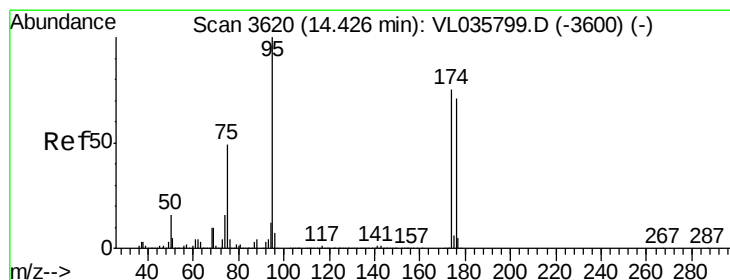
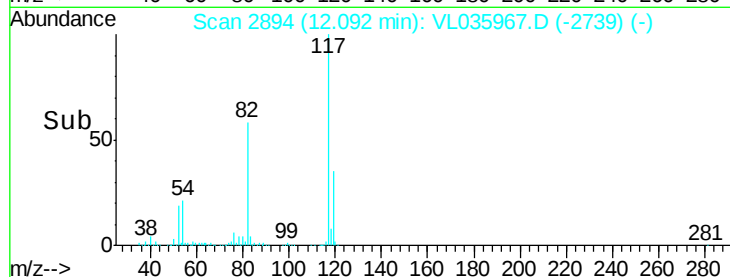
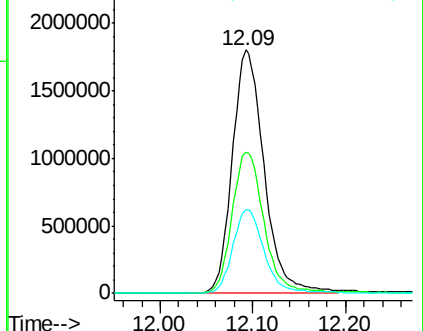
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Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.233 ppbv

RT: 14.42 min Scan# 3619

Delta R.T. -0.00 min

Lab File: VL035967.D

Acq: 17 Nov 2020 6:16

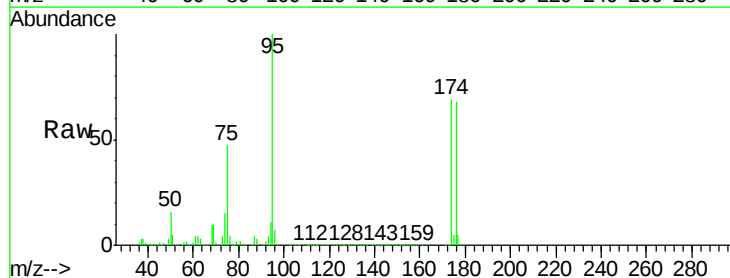
Tgt Ion: 95 Resp: 3128208

Ion Ratio Lower Upper

95 100

174 74.4 59.8 89.6

175 5.0 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

