

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112321\
 Data File : VL038118.D
 Acq On : 24 Nov 2021 2:58
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 26 05:35:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	818594	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2348266	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1981356	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1547687	10.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.65	45	2601m	0.425	ppbv	
52) Tetrachloroethene	11.20	164	5251m	0.061	ppbv	

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

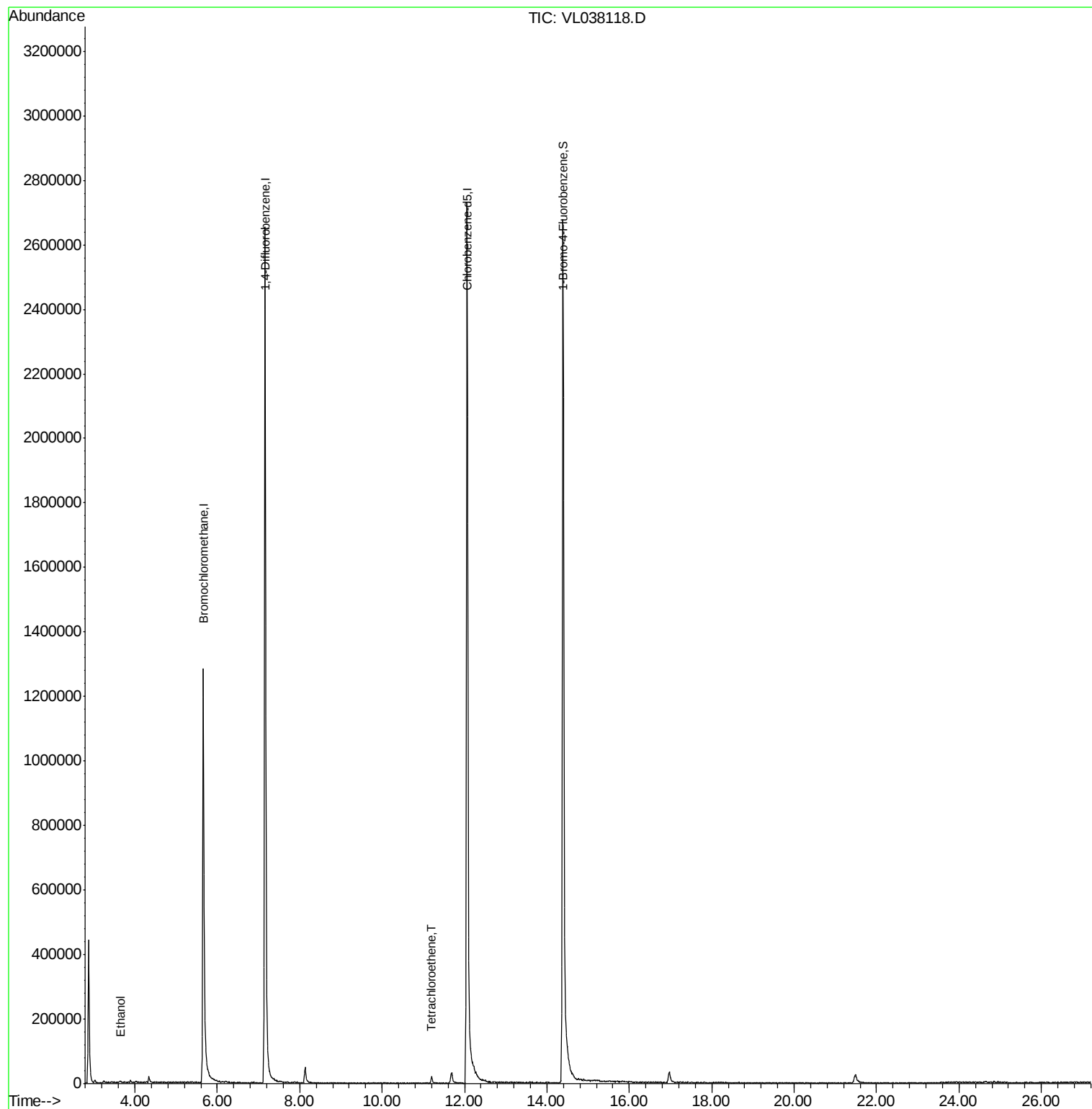
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112321\
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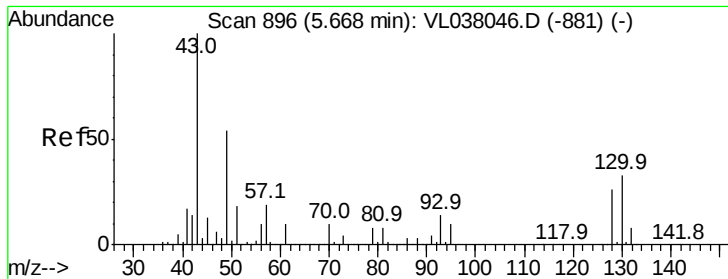
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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Quant Time: Nov 26 05:35:12 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 24 Nov 2021 2:58

Tot Ion:

Ion Ratio

49 100

128 48.

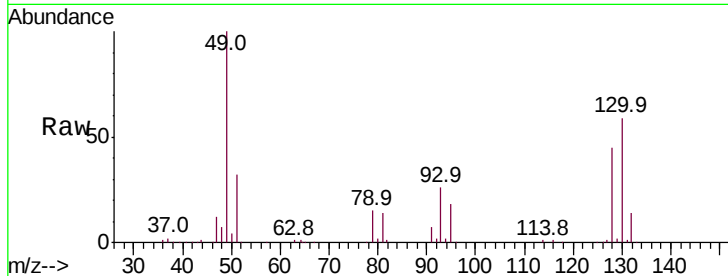
130 62.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/29/2021

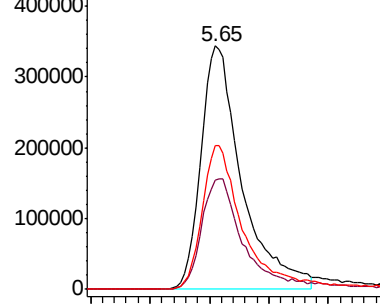
Supervised By :Mahesh Dadoda 11/29/2021



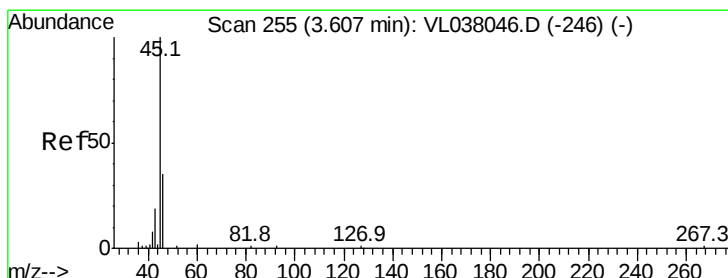
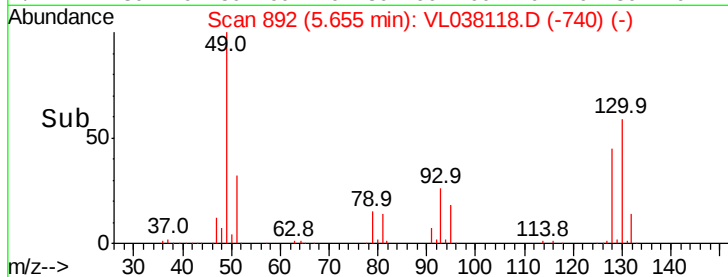
Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V



Time--> 5.55 5.60 5.65 5.70 5.75



#13

Ethanol

Concen: 0.425 ppbv m

RT: 3.65 min Scan# 268

Delta R.T. 0.04 min

Lab File: VL038118.D

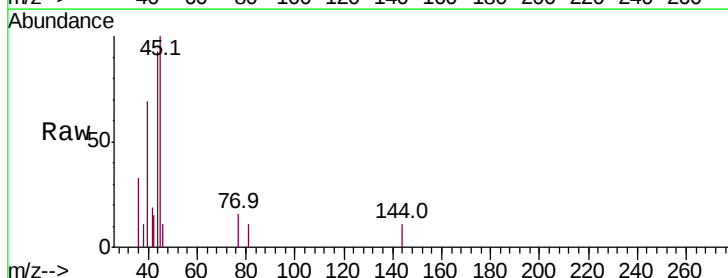
Acq: 24 Nov 2021 2:58

Tgt Ion: 45 Resp: 2601

Ion Ratio Lower Upper

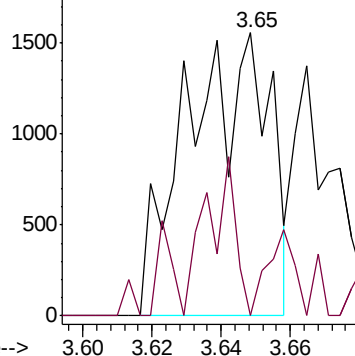
45 100

46 0.0 17.6 70.2#

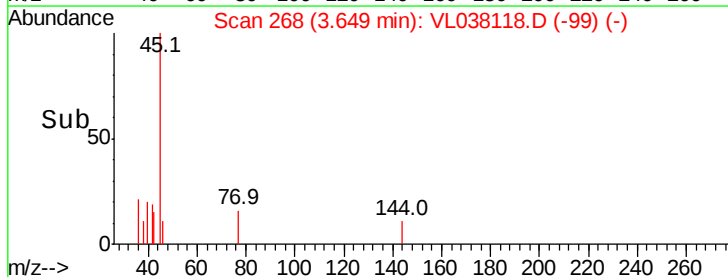


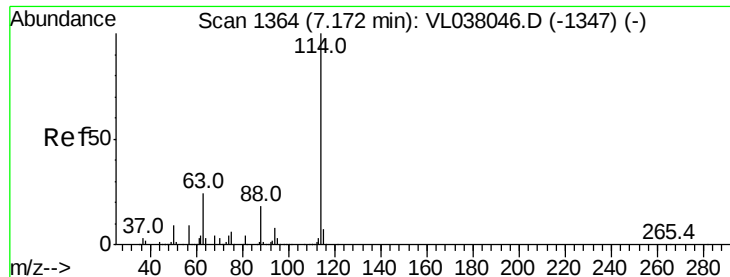
Abundance Ion 45.10 (44.80 to 45.80): VL0

Ion 46.10 (45.80 to 46.80): VL0



Time--> 3.60 3.62 3.64 3.66



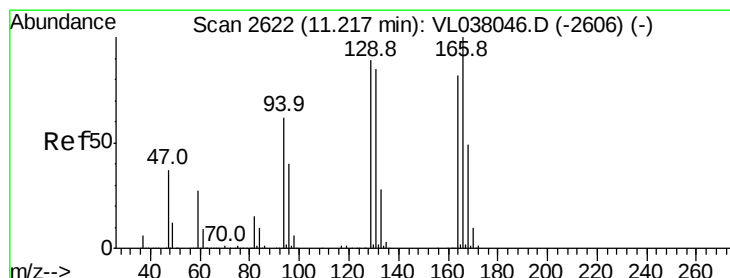
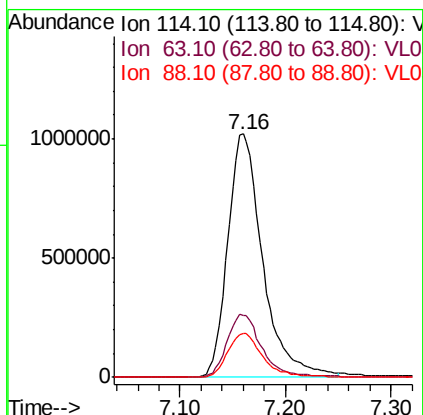
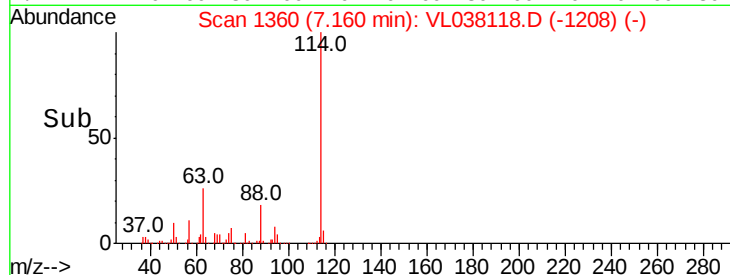
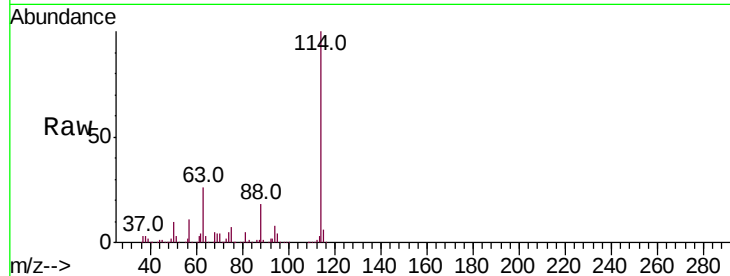


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 24 Nov 2021 2:58

Tot Ion:1
 Ion Rati
 114 100
 63 26.
 88 18.

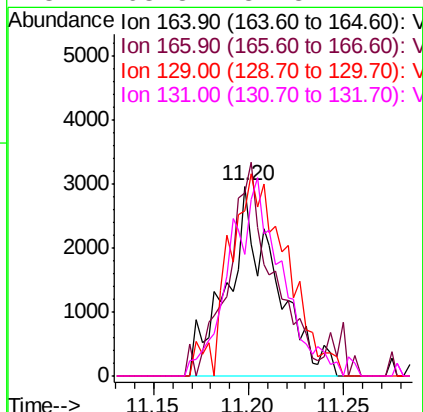
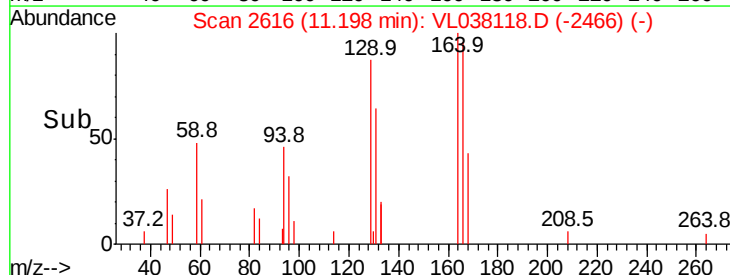
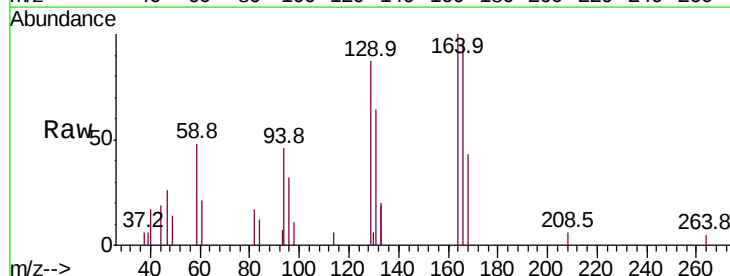
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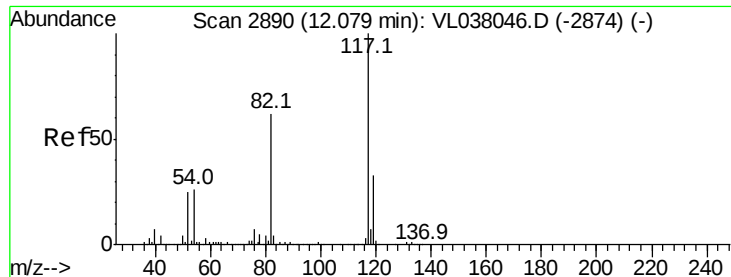
Reviewed By :Semsettin Yesilyurt 11/29/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#52
 Tetrachloroethene
 Concen: 0.061 ppbv m
 RT: 11.20 min Scan# 2616
 Delta R.T.: -0.02 min
 Lab File: VL038118.D
 Acq: 24 Nov 2021 2:58

Tgt Ion:164 Resp: 5251
 Ion Ratio Lower Upper
 164 100
 166 96.1 97.2 145.8#
 129 87.1 86.9 130.3
 131 63.8 82.8 124.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 24 Nov 2021 2:58

Tot Ion:1

Ion Rati

117 100

82 72.

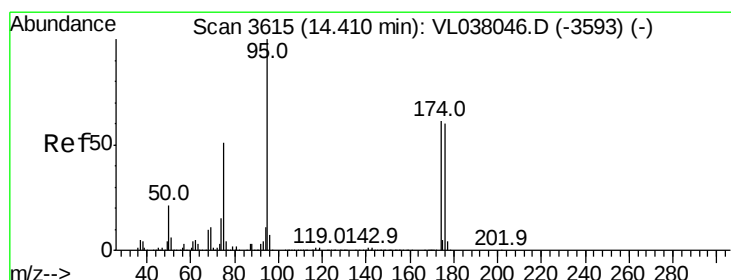
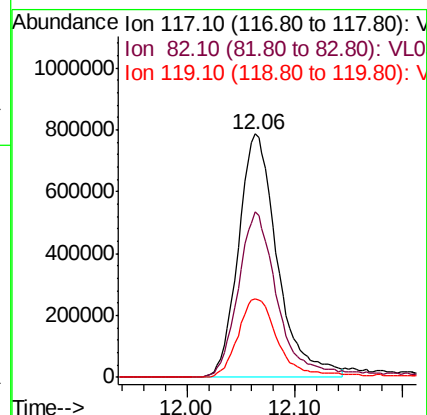
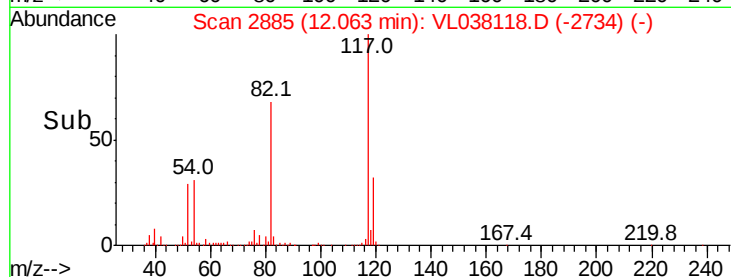
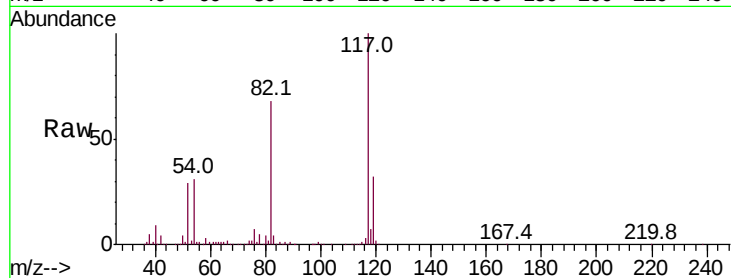
119 34.

Manual Integrations

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.829 ppbv

RT: 14.39 min Scan# 3609

Delta R.T. -0.02 min

Lab File: VL038118.D

Acq: 24 Nov 2021 2:58

Tgt Ion: 95 Resp: 1547687

Ion Ratio Lower Upper

95 100

174 62.2 53.1 79.7

175 4.4 4.0 6.0

