

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038134.D
 Acq On : 29 Nov 2021 14:18
 Operator : SY/AP
 Sample : M4751-02DL2 1200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-2DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 21:19:57 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	5.68	49	948488	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2539691	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2222848	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	1757408	10.96	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.60%
Target Compounds						
38) Trichloroethene	7.84	130	25260m	0.264	ppbv	Ovalue
52) Tetrachloroethene	11.23	164	1045851	11.157	ppbv	95

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

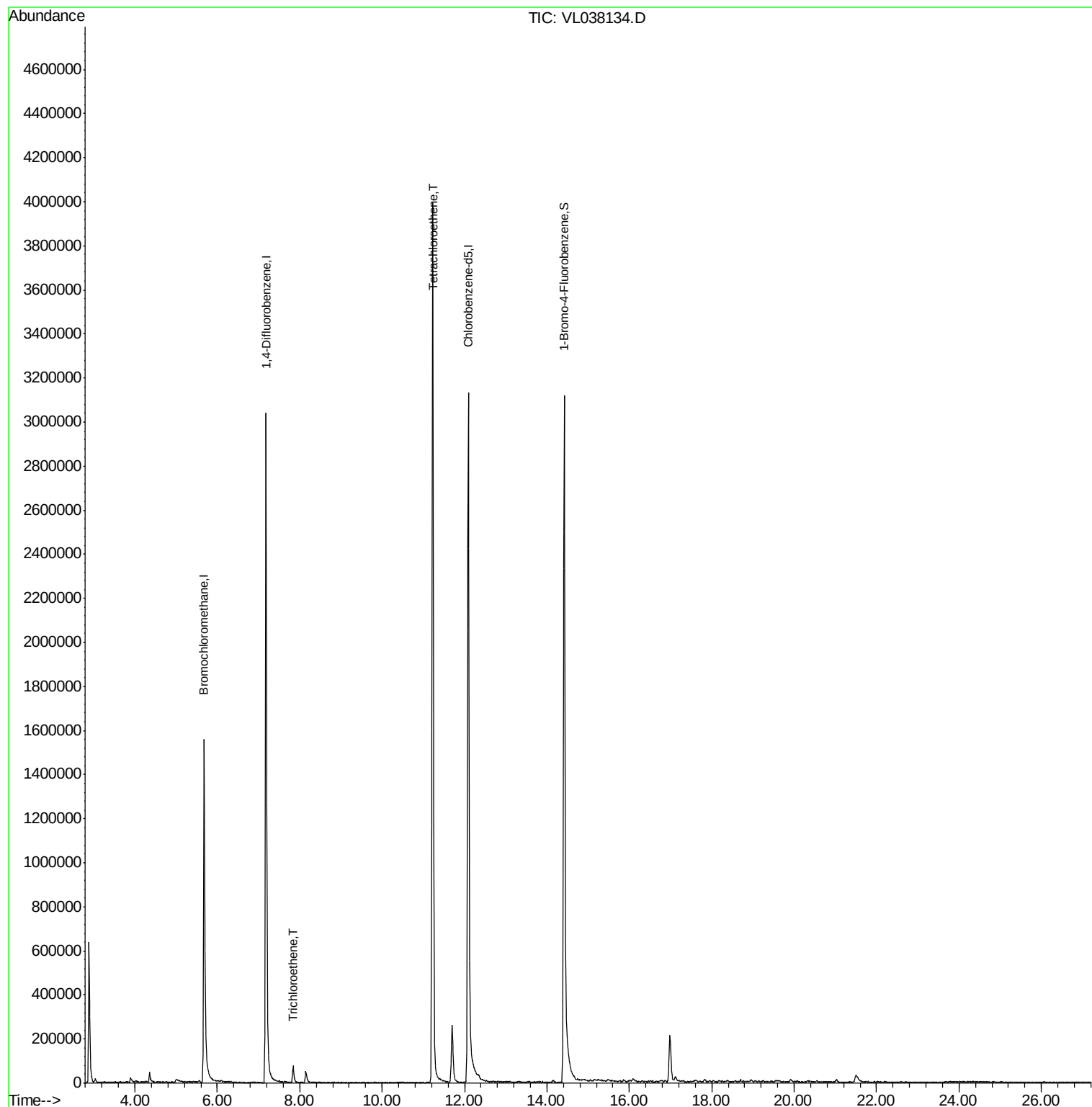
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Data File : VL038134.D
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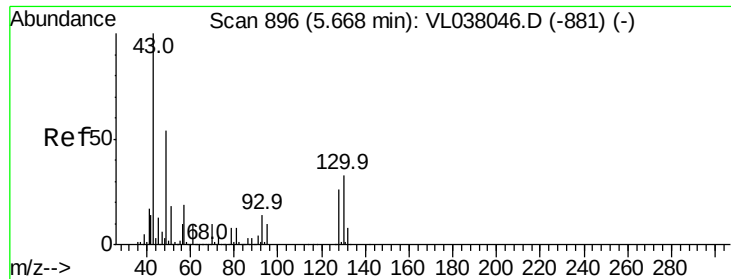
Instrument :
MSVOA_L
ClientSampleId :
SVP-2DL2

Quant Time: Nov 30 21:19:57 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

SVP-2DL2

Acq: 29 Nov 2021 14:18

Tot Ion:

Ion Ratio

49 100

128 48.

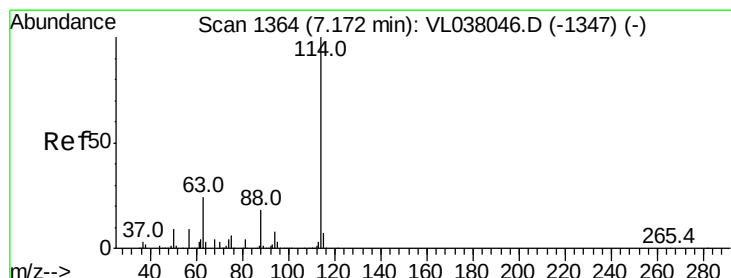
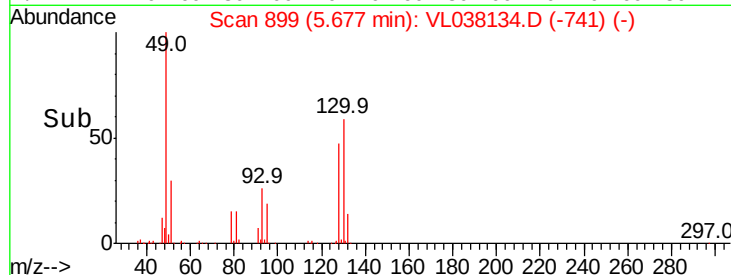
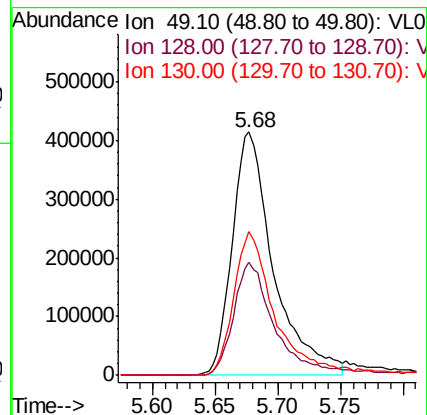
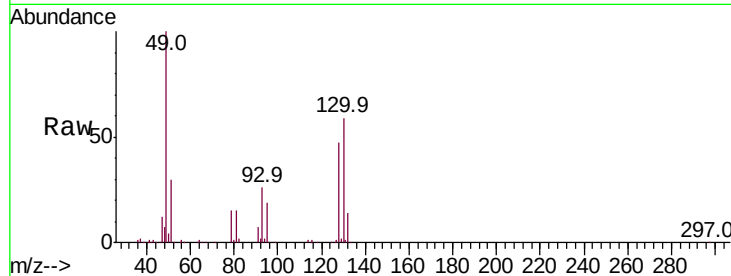
130 61.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1367

Delta R.T. 0.01 min

Lab File: VL038134.D

Acq: 29 Nov 2021 14:18

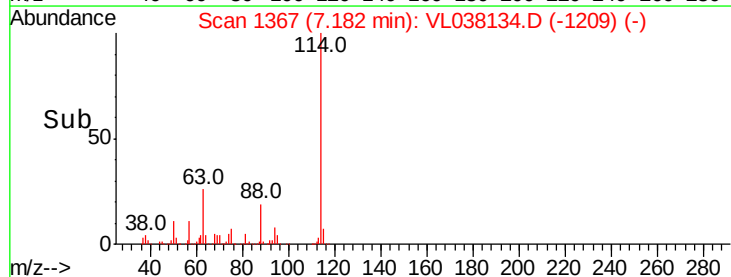
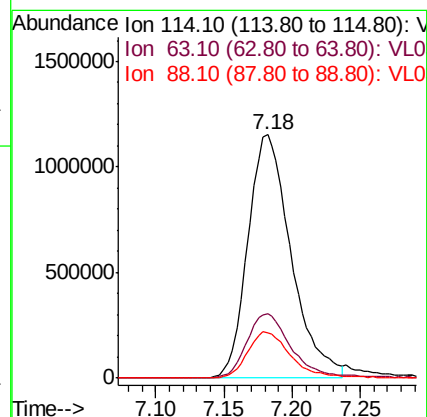
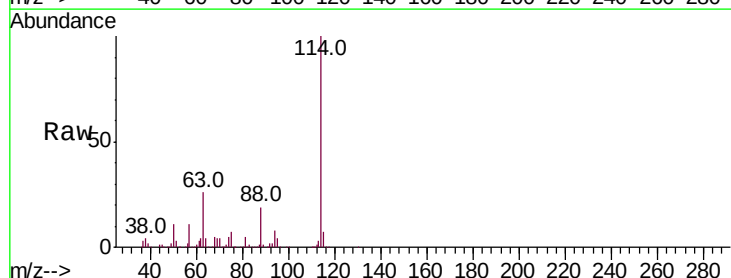
Tgt Ion:114 Resp: 2539691

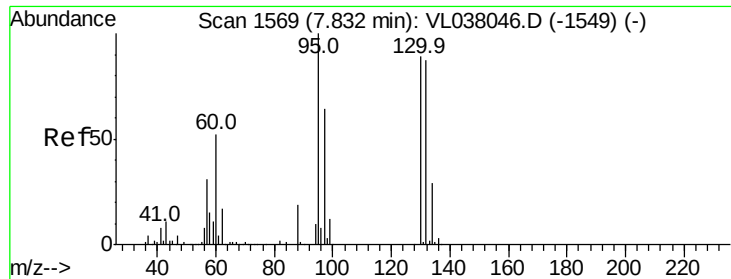
Ion Ratio Lower Upper

114 100

63 27.7 19.7 29.5

88 19.5 14.4 21.6





#38

Trichloroethene

Concen: 0.264 ppbv m

RT: 7.84 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

SVP-2DL2

Acq: 29 Nov 2021 14:18

Tot Ion:1

Ion Rati

130 100

95 97.

132 80.

97 68.5

57.0

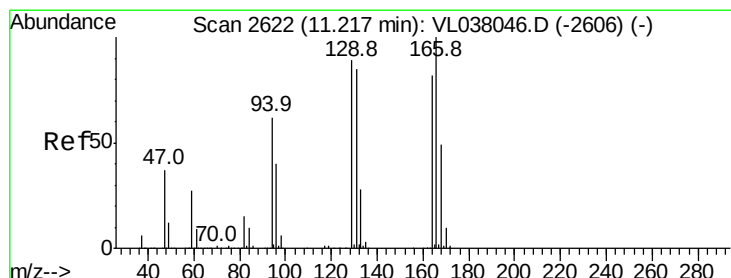
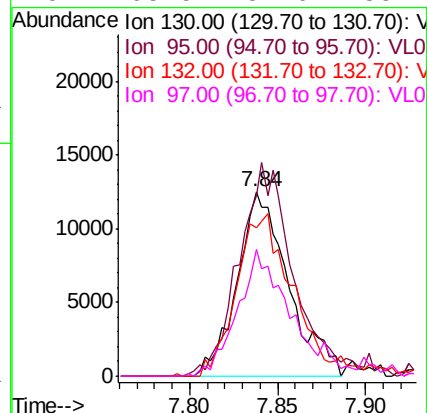
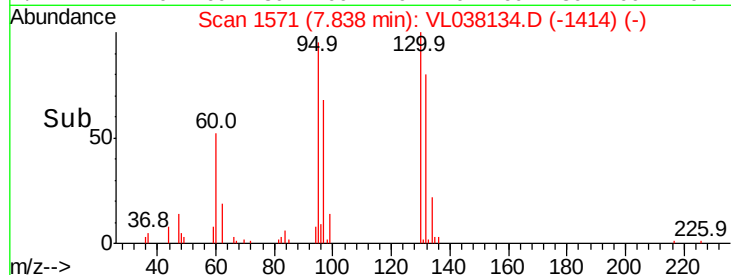
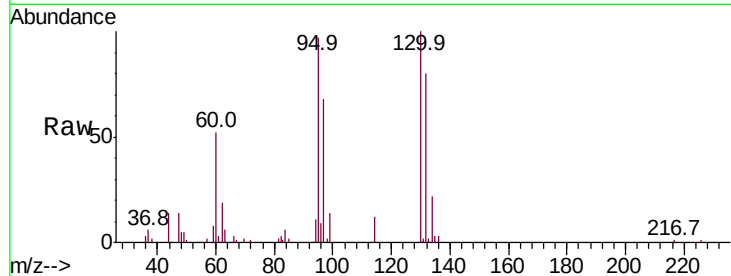
85.4

Manual Integrations

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#52

Tetrachloroethene

Concen: 11.157 ppbv

RT: 11.23 min Scan# 2626

Delta R.T. 0.01 min

Lab File: VL038134.D

Acq: 29 Nov 2021 14:18

Tgt Ion:164 Resp: 1045851

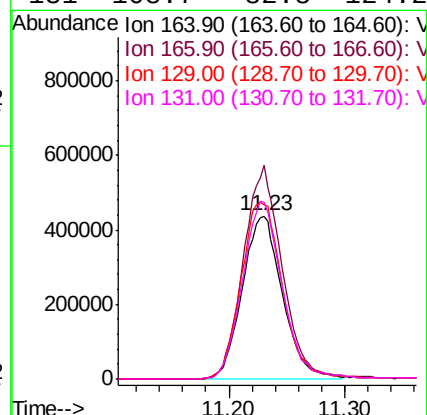
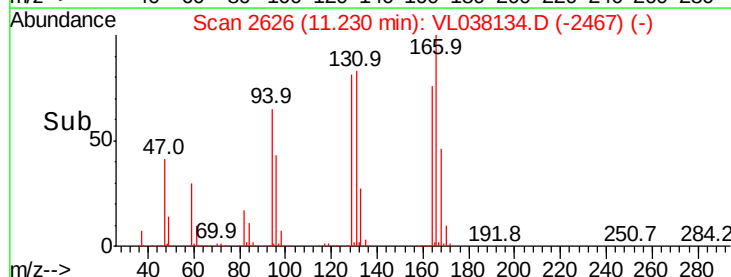
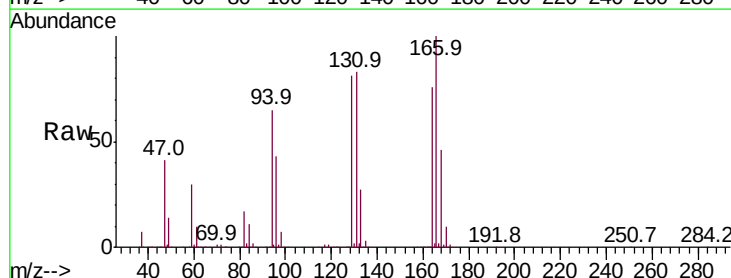
Ion Ratio Lower Upper

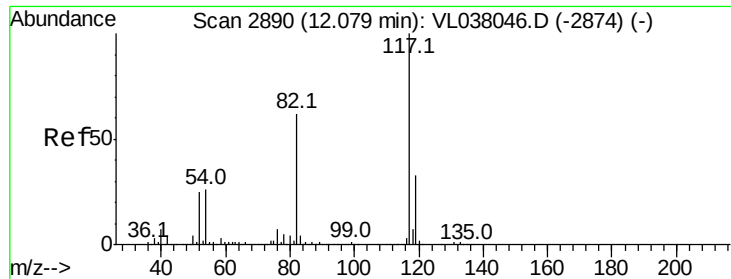
164 100

166 131.3 97.2 145.8

129 106.7 86.9 130.3

131 108.7 82.8 124.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 14:18

Tot Ion:1

Ion Rati

117 100

82 74.

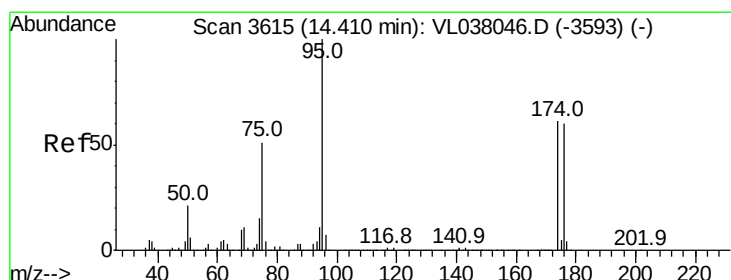
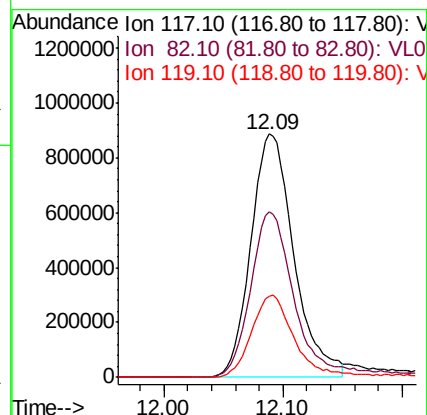
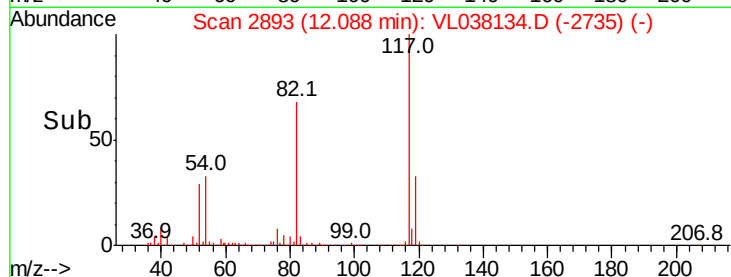
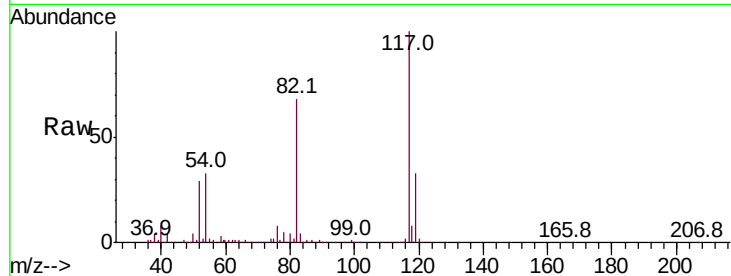
119 35.

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.961 ppbv

RT: 14.42 min Scan# 3617

Delta R.T. 0.01 min

Lab File: VL038134.D

Acq: 29 Nov 2021 14:18

Tgt Ion: 95 Resp: 1757408

Ion Ratio Lower Upper

95 100

174 64.1 53.1 79.7

175 4.5 4.0 6.0

