

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038090.D
 Acq On : 19 Nov 2021 18:10
 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 11/28/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 25 20:33:18 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	5.64	49	791304	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	2208400	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1836500	10.00	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.38	95	1379670	10.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%
Target Compounds						
38) Trichloroethene	7.80	130	28480m	0.343	ppbv	Ovalue
52) Tetrachloroethene	11.19	164	1201079	14.735	ppbv	95

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

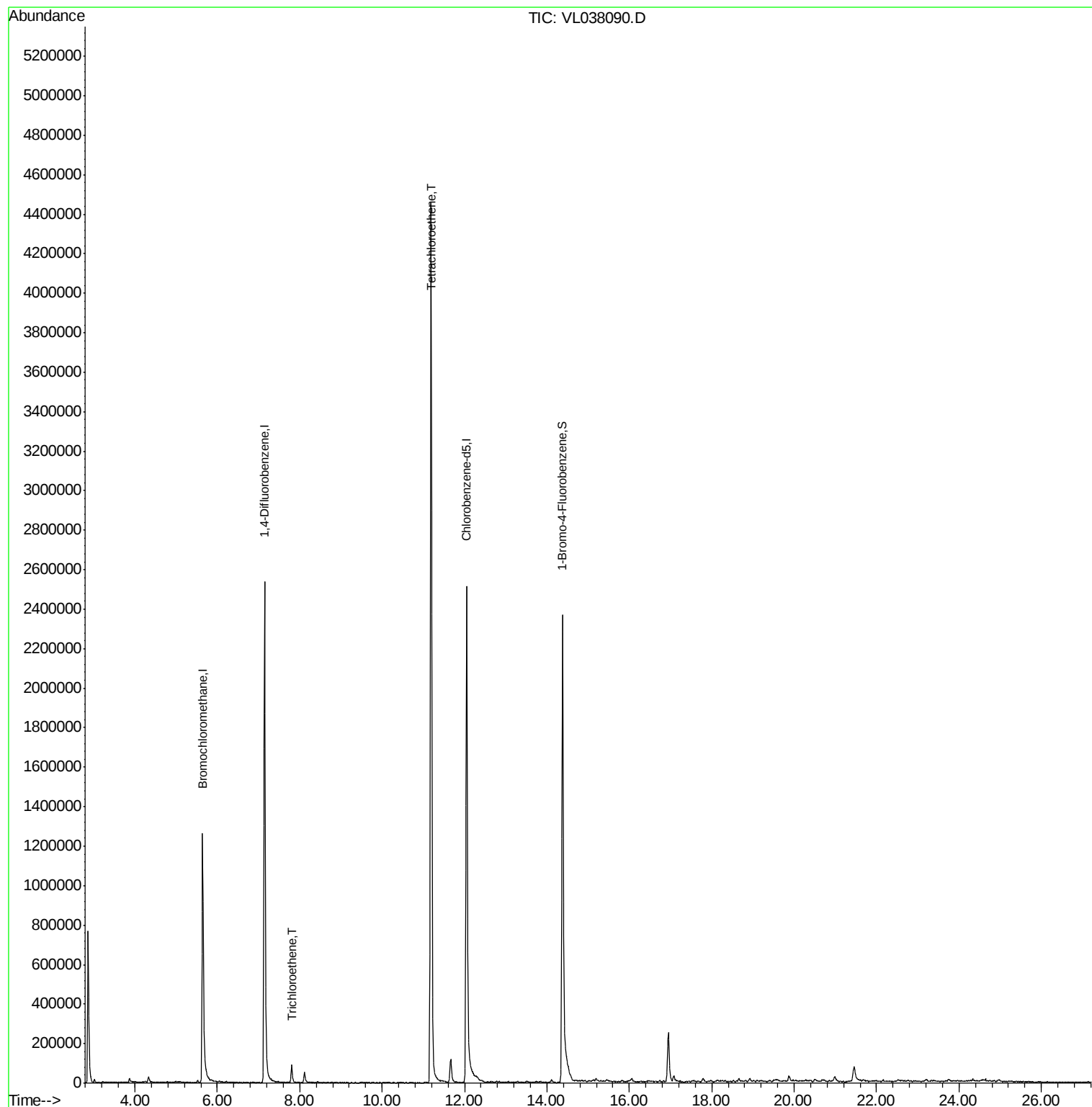
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Data File : VL038090.D
Acq On : 19 Nov 2021 18:10
Operator : SY/AP
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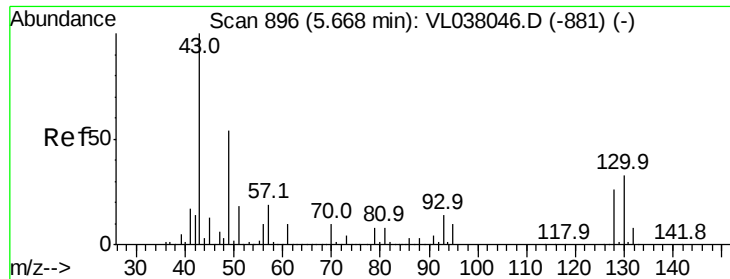
Instrument :
MSVOA_L
ClientSampleId :
SVP-2DL2

Quant Time: Nov 25 20:33:18 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 19 Nov 2021 18:10 SVP-2DL2

Tot Ion:

Ion Ratio

49 100

128 50.

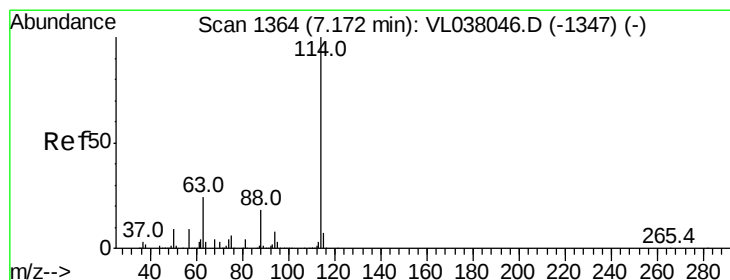
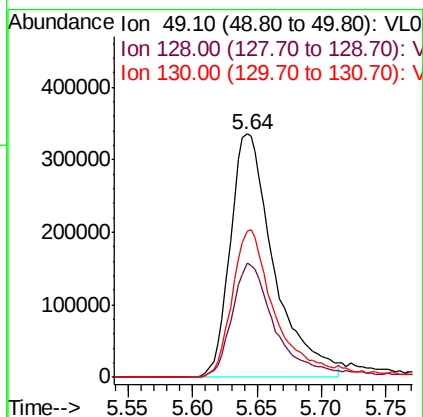
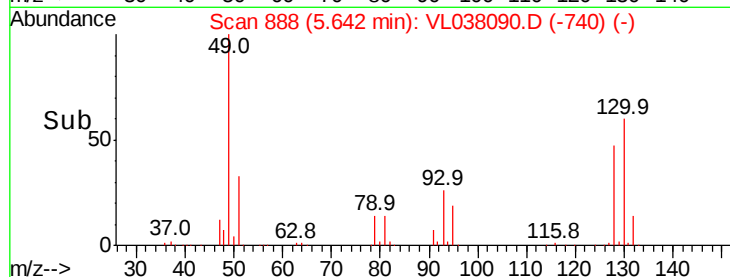
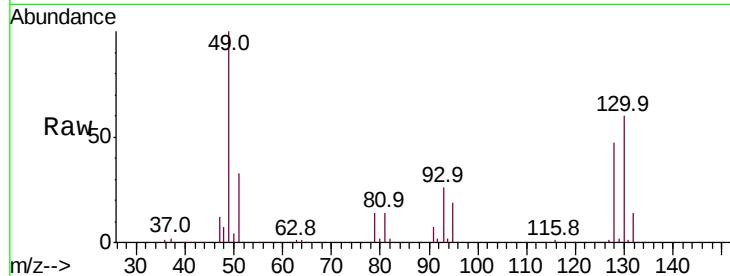
130 63.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.14 min Scan# 1355

Delta R.T. -0.03 min

Lab File: VL038090.D

Acq: 19 Nov 2021 18:10

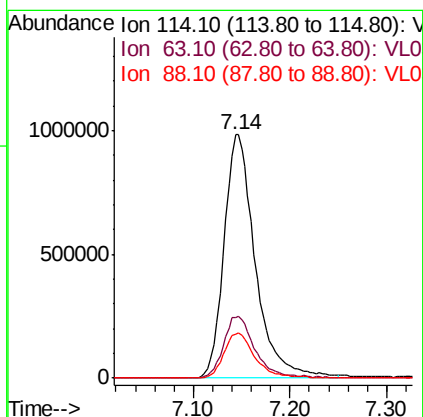
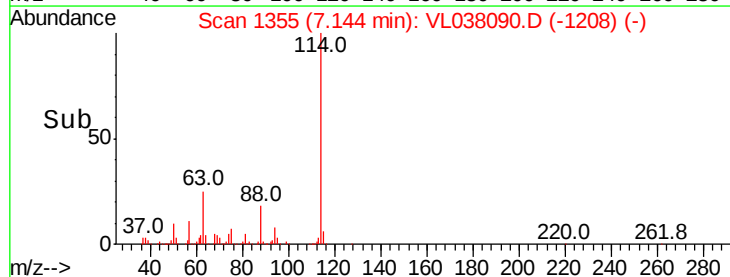
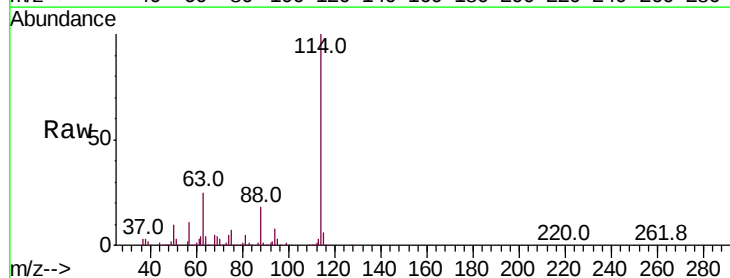
Tgt Ion:114 Resp: 2208400

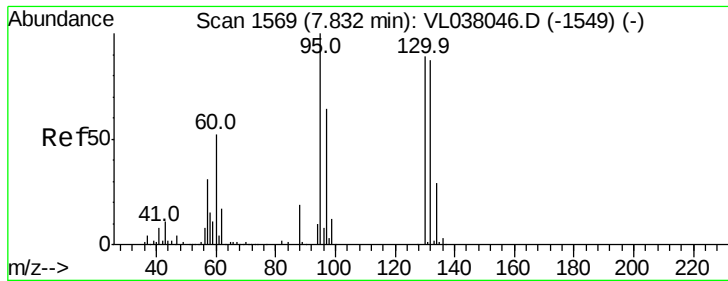
Ion Ratio Lower Upper

114 100

63 25.9 19.7 29.5

88 18.5 14.4 21.6



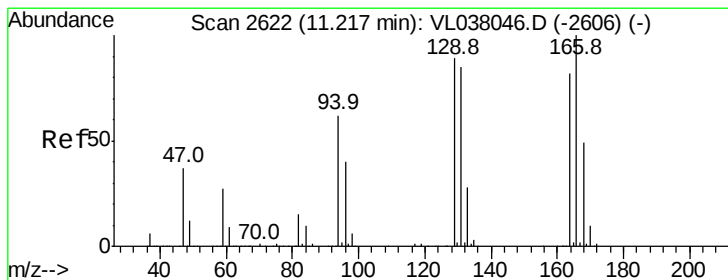
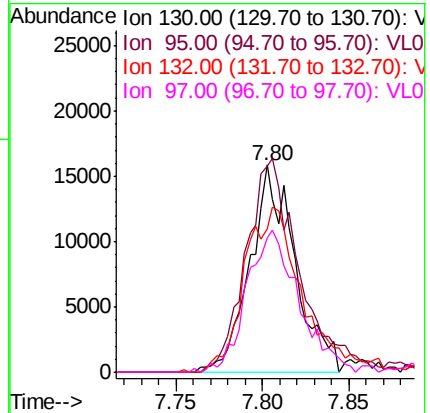
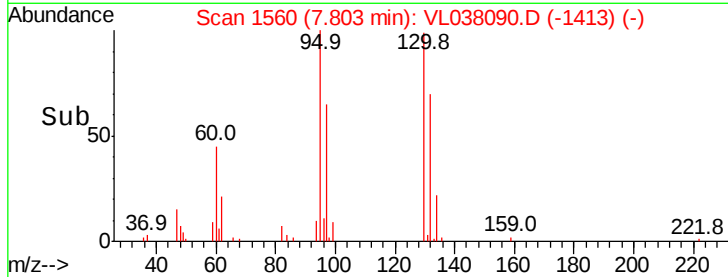
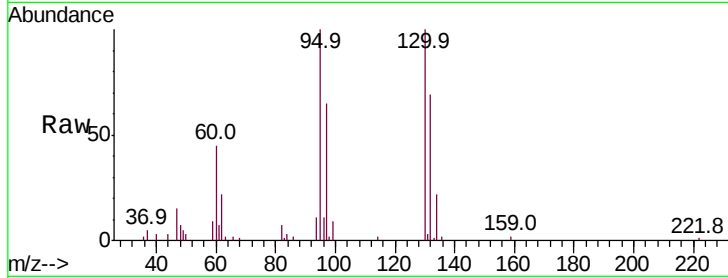


#38
 Trichloroethene
 Concen: 0.343 ppbv m
 RT: 7.80
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 SVP-2DL2
 Acq: 19 Nov 2021 18:10

Tot Ion:1
 Ion Rati
 130 100
 95 99.
 132 69.
 97 64.9 57.0 85.4

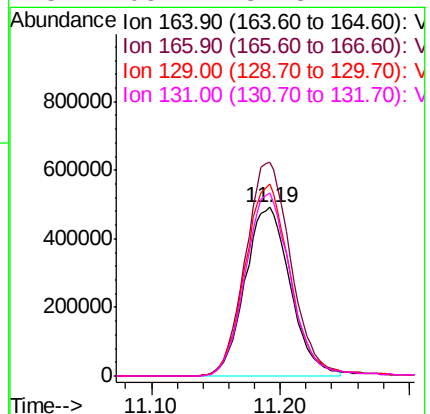
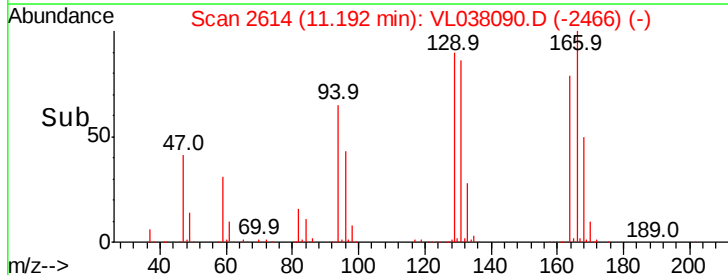
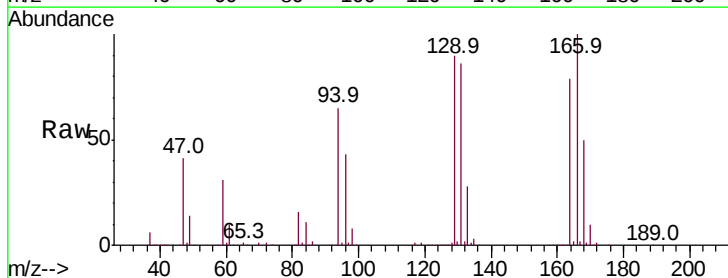
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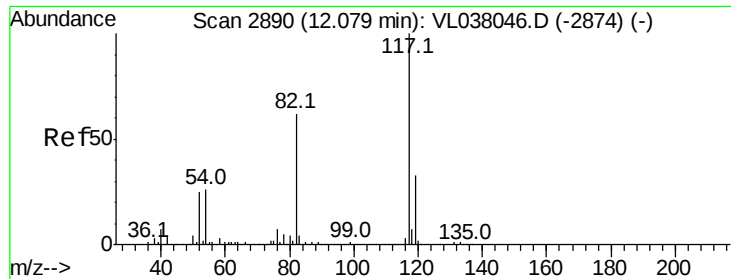
Reviewed By :Semsettin Yesilyurt 11/28/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#52
 Tetrachloroethene
 Concen: 14.735 ppbv
 RT: 11.19 min Scan# 2614
 Delta R.T. -0.03 min
 Lab File: VL038090.D
 Acq: 19 Nov 2021 18:10

Tgt Ion:164 Resp: 1201079
 Ion Ratio Lower Upper
 164 100
 166 126.5 97.2 145.8
 129 114.0 86.9 130.3
 131 108.7 82.8 124.2



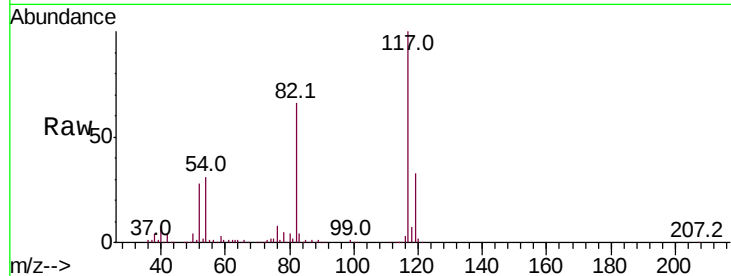


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.05 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
SVP-2DL2
Acq: 19 Nov 2021 18:10

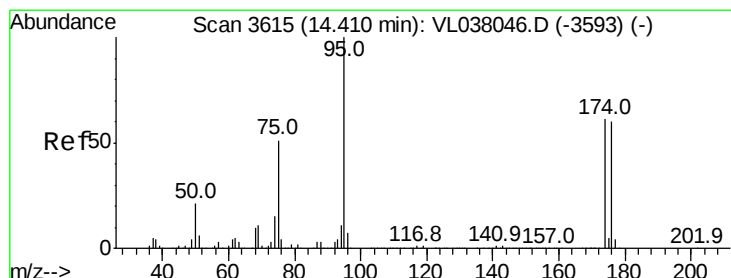
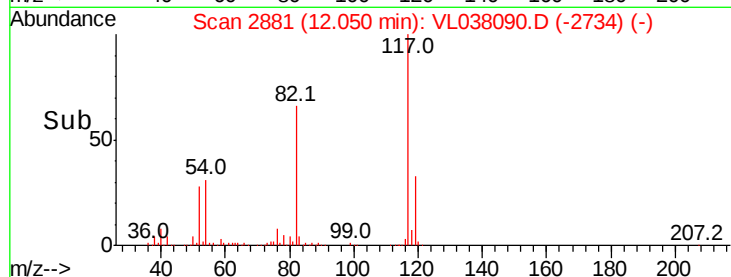
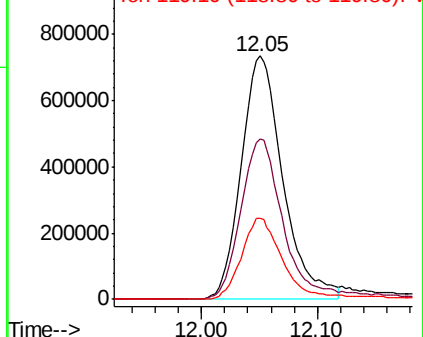
Tot Ion: 1
Ion Ratio
117 100
82 71.
119 34.

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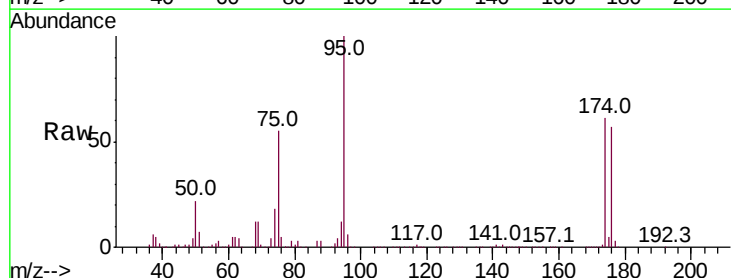


Abundance Ion 117.10 (116.80 to 117.80): V
1000000
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.415 ppbv
RT: 14.38 min Scan# 3606
Delta R.T. -0.03 min
Lab File: VL038090.D
Acq: 19 Nov 2021 18:10

Tgt Ion: 95 Resp: 1379670
Ion Ratio Lower Upper
95 100
174 64.9 53.1 79.7
175 4.8 4.0 6.0



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

