

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038082.D
 Acq On : 19 Nov 2021 13:09
 Operator : SY/AP
 Sample : M4751-01DL2 100X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-1DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 25 20:31:07 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	848851	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2402806	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	2051408	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1592088	10.76	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
31) cis-1,2-Dichloroethene	5.53	61	74168	0.661	ppbv	99
38) Trichloroethene	7.81	130	89239m	0.987	ppbv	
52) Tetrachloroethene	11.20	164	2052149	23.139	ppbv	98

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

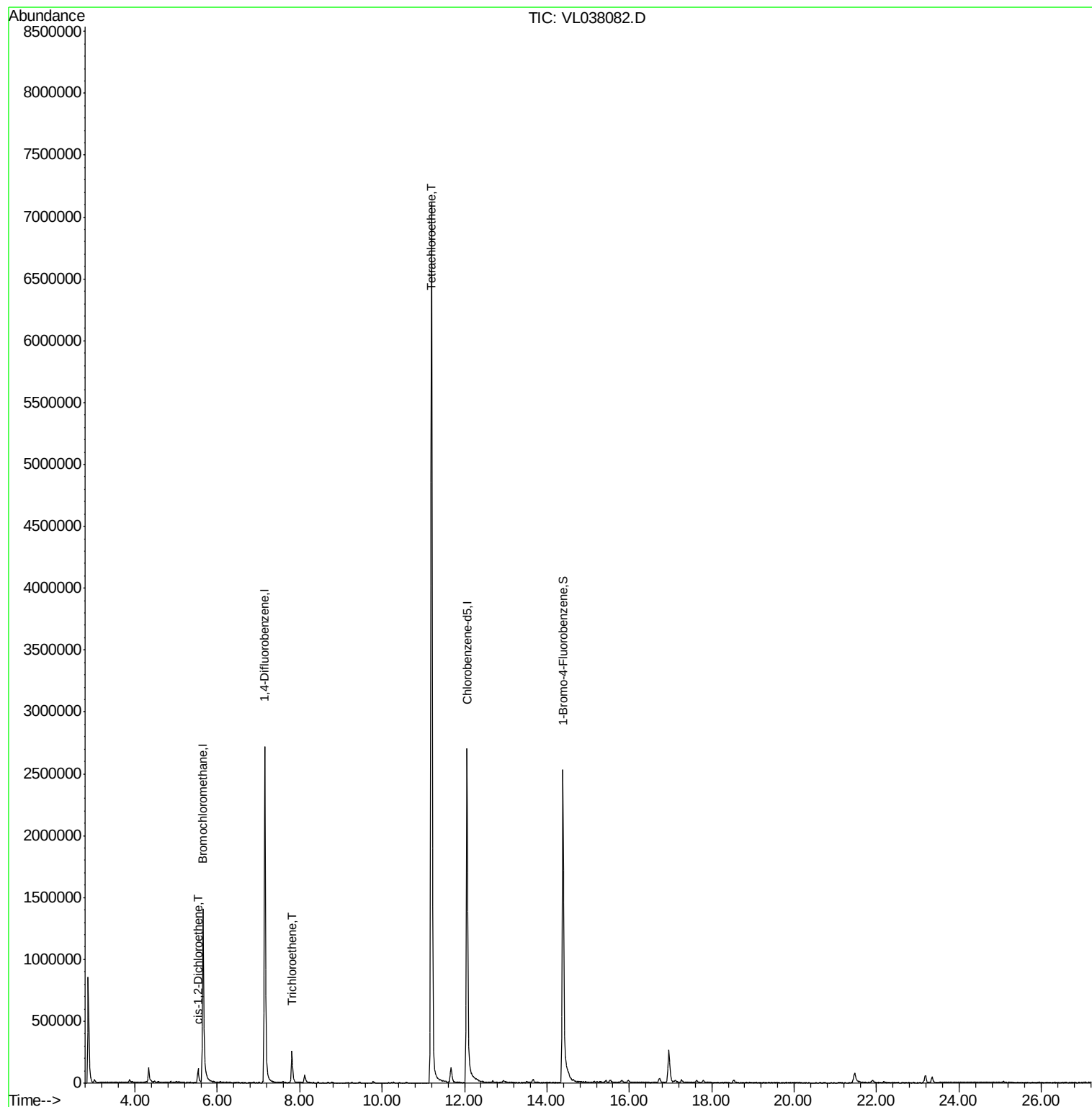
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL111921\
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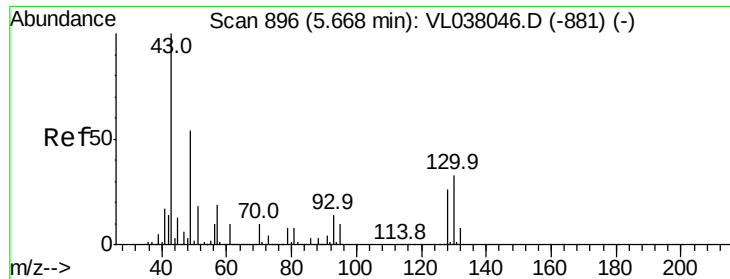
Instrument :
MSVOA_L
ClientSampleId :
SVP-1DL2

Quant Time: Nov 25 20:31:07 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 13:09 SVP-1DL2

Tot Ion:

Ion Ratio

49 100

128 50.

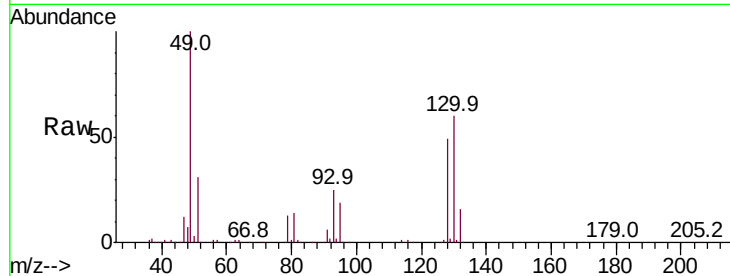
130 64.

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/25/2021

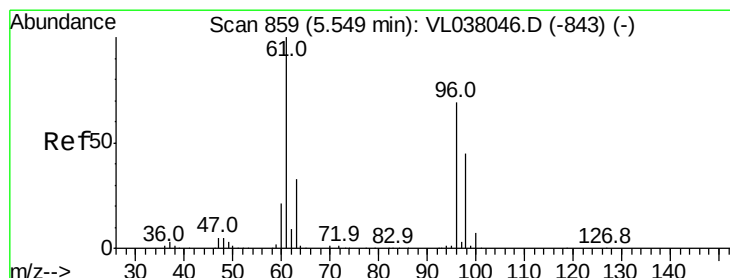
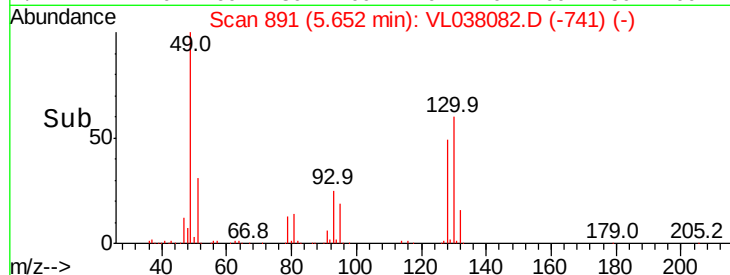
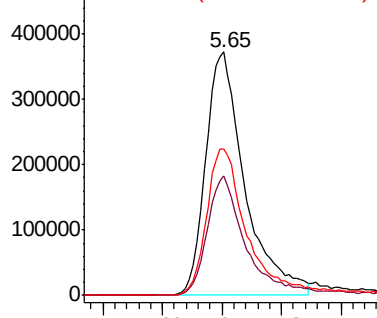
Supervised By :Mahesh Dadoda 11/29/2021



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#31

cis-1,2-Dichloroethene

Concen: 0.661 ppbv

RT: 5.53 min Scan# 854

Delta R.T. -0.02 min

Lab File: VL038082.D

Acq: 19 Nov 2021 13:09

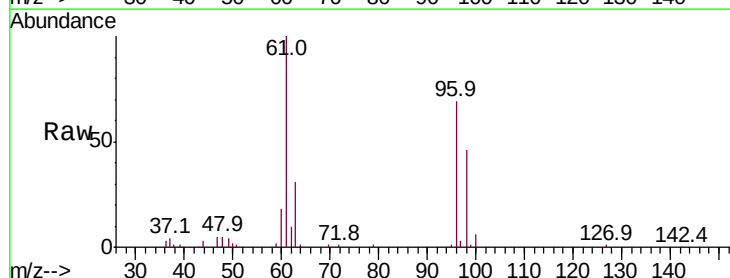
Tgt Ion: 61 Resp: 74168

Ion Ratio Lower Upper

61 100

96 69.0 55.4 83.2

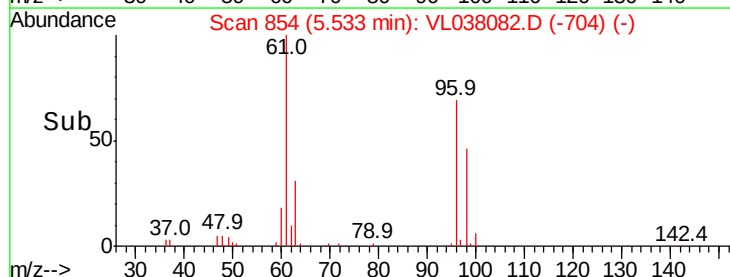
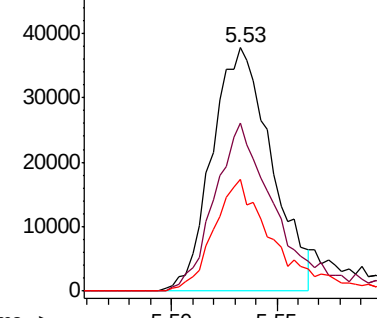
98 46.1 35.7 53.5

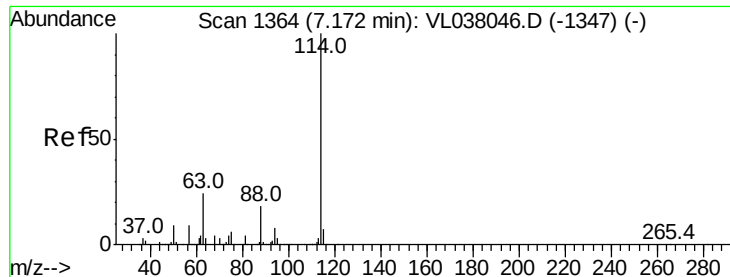


Abundance Ion 61.10 (60.80 to 61.80): VL0

Ion 96.00 (95.70 to 96.70): VL0

Ion 98.00 (97.70 to 98.70): VL0



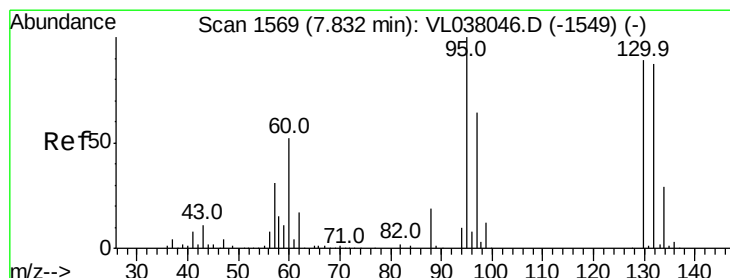
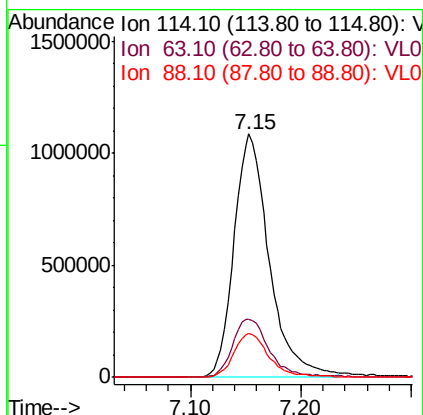
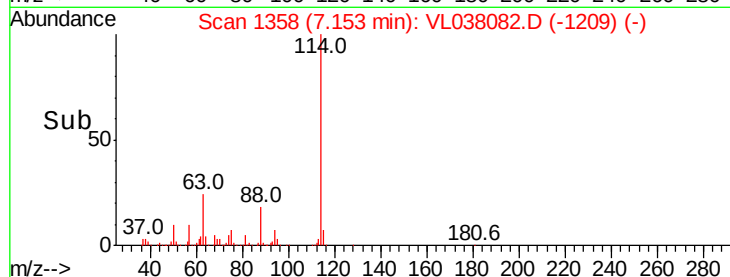
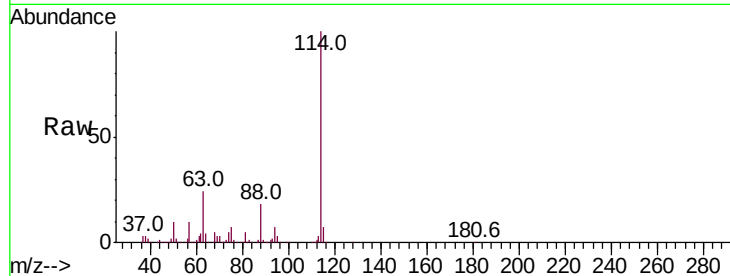


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.15
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 SVP-1DL2
 Acq: 19 Nov 2021 13:09

Tot Ion:1
 Ion Rati
 114 100
 63 25.
 88 18.

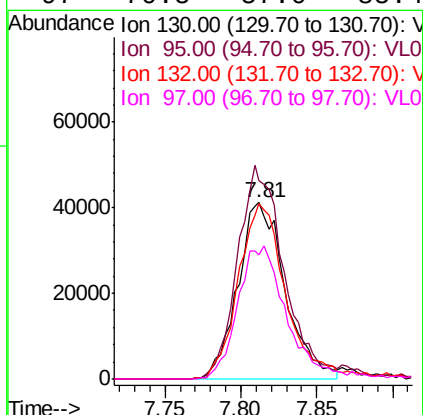
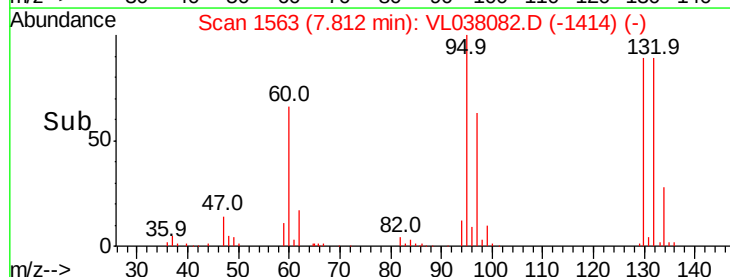
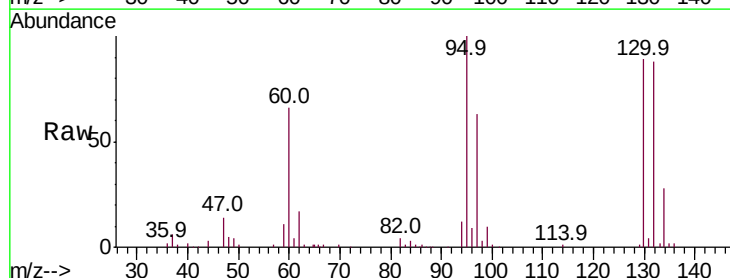
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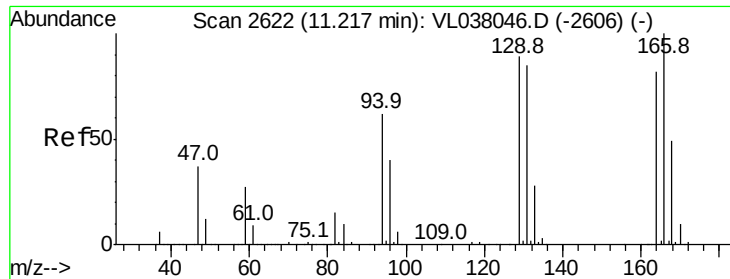
Reviewed By :Semsettin Yesilyurt 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021



#38
 Trichloroethene
 Concen: 0.987 ppbv m
 RT: 7.81 min Scan# 1563
 Delta R.T. -0.02 min
 Lab File: VL038082.D
 Acq: 19 Nov 2021 13:09

Tgt Ion:130 Resp: 89239
 Ion Ratio Lower Upper
 130 100
 95 112.7 89.4 134.2
 132 99.7 78.2 117.2
 97 70.5 57.0 85.4





#52

Tetrachloroethene

Concen: 23.139 ppbv

RT: 11.20

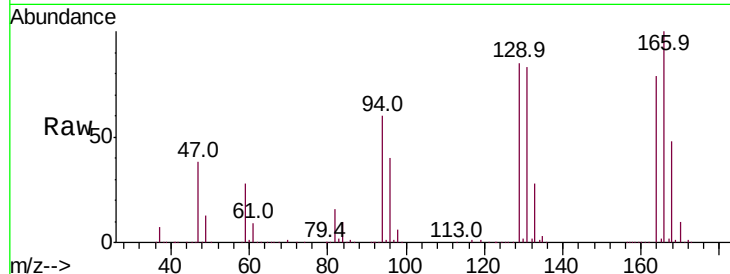
Delta R.T. MSVOA_L

Lab File:

Acq: 19 Nov 2021 13:09

ClientSampleId :

SVP-1DL2



Tot Ion:1

Ion Rati

164 100

166 126.

129 107.

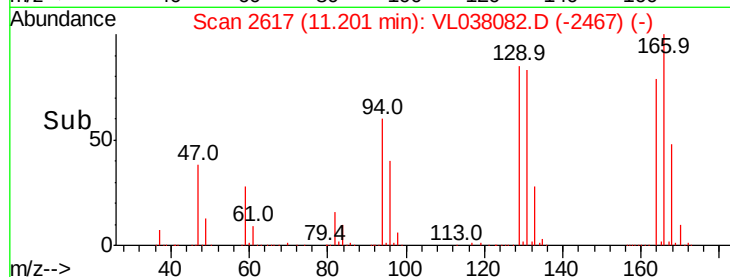
131 105.1 82.8 124.2

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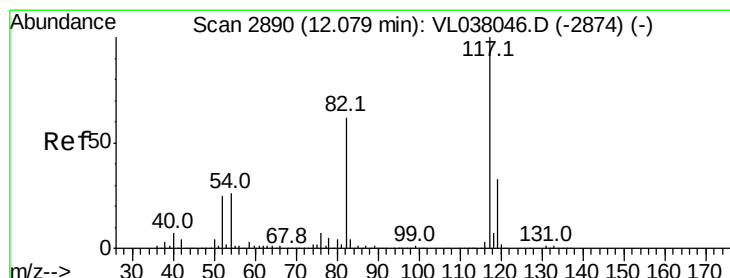
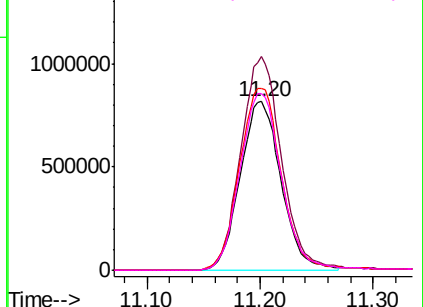


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 165.90 (165.60 to 166.60): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.06 min Scan# 2883

Delta R.T. -0.02 min

Lab File: VL038082.D

Acq: 19 Nov 2021 13:09

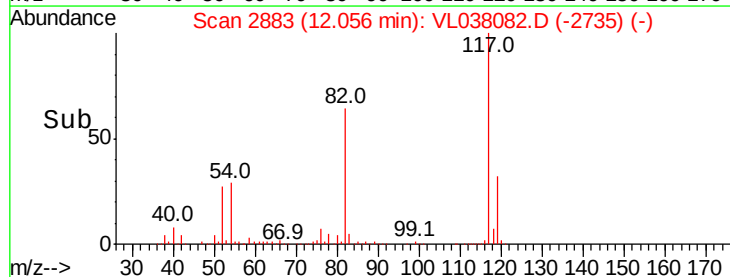
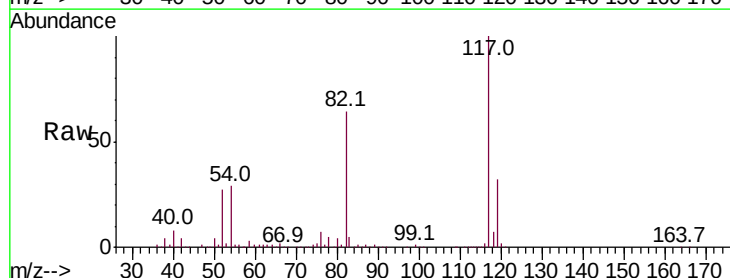
Tgt Ion:117 Resp: 2051408

Ion Ratio Lower Upper

117 100

82 70.2 52.8 79.2

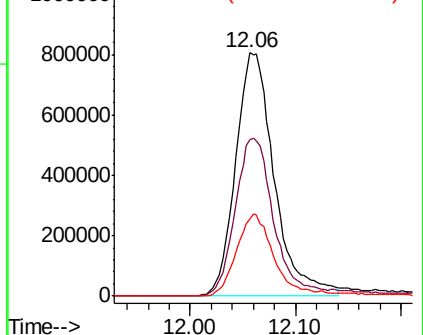
119 34.3 26.8 40.2

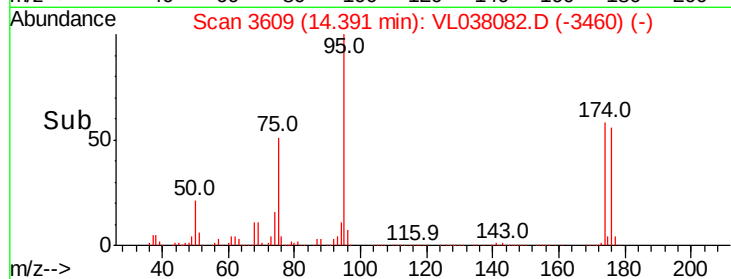
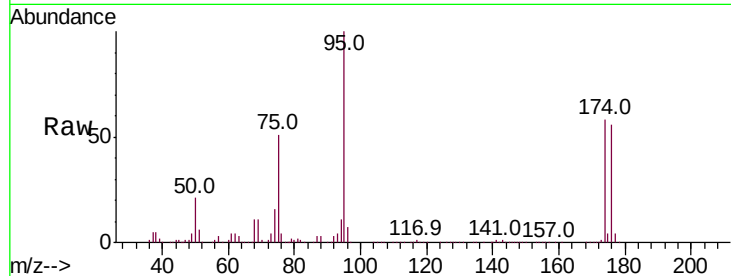
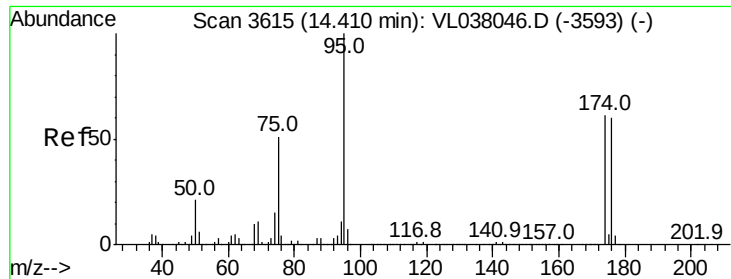


Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 10.759 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

SVP-1DL2

Acq: 19 Nov 2021 13:09

Tot Ion:

Ion Ratio

95 100

174 62.

175 4.

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