

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111921\
 Data File : VL038091.D
 Acq On : 19 Nov 2021 18:47
 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 11/25/2021
 Supervised By :Mahesh Dadoda 11/29/2021

Quant Time: Nov 22 07:21:52 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	793242	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	2237573	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.05	117	1861146	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1419774	10.58	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
52) Tetrachloroethene	11.19	164	17675m	0.214	ppbv	

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

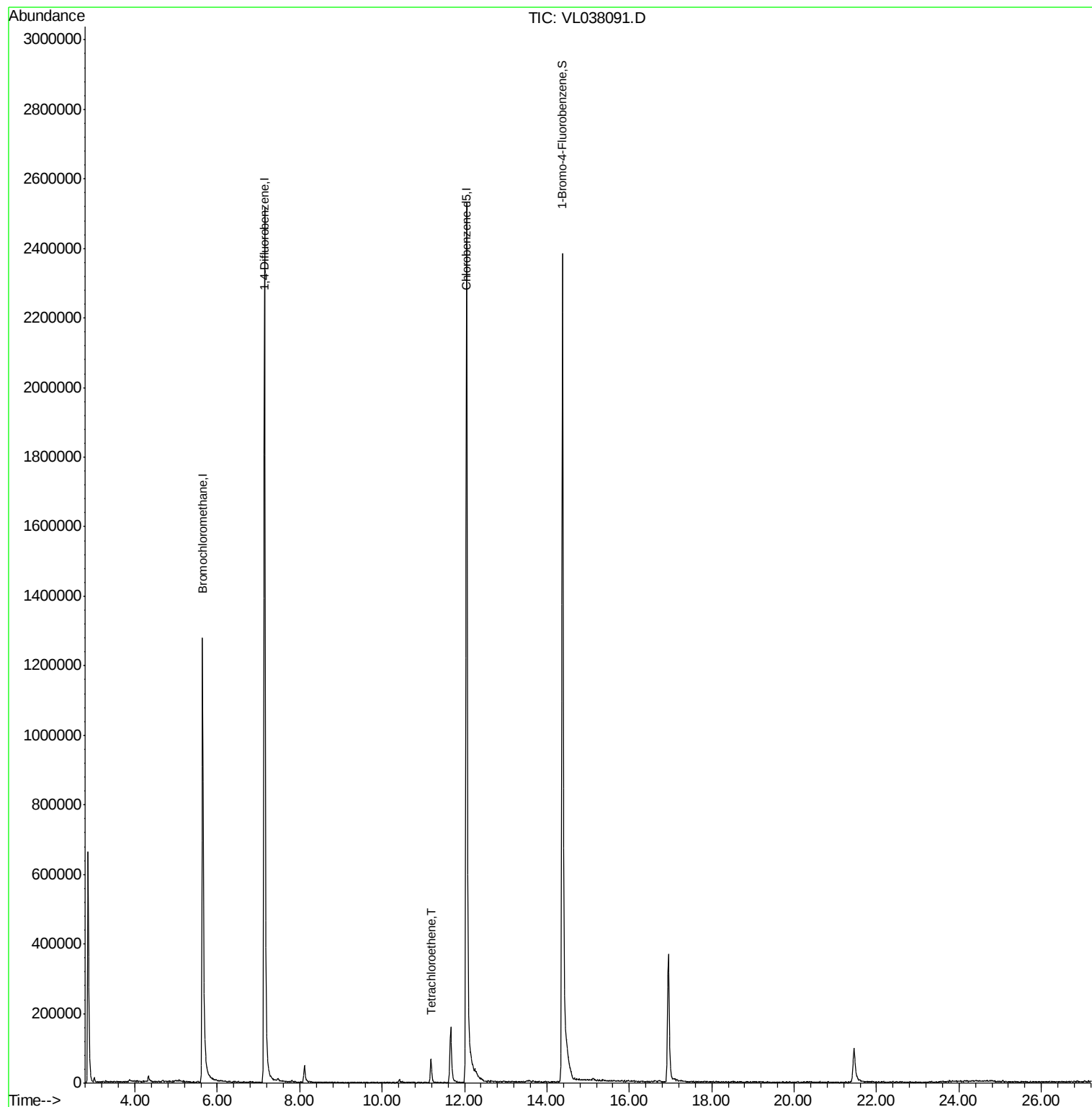
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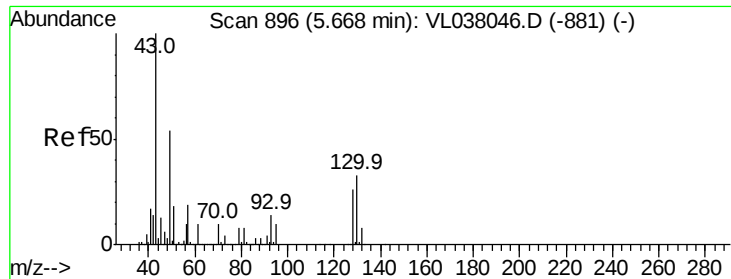
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

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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 18:47 VIBLK

Tot Ion:

Ion Ratio

49 100

128 49.

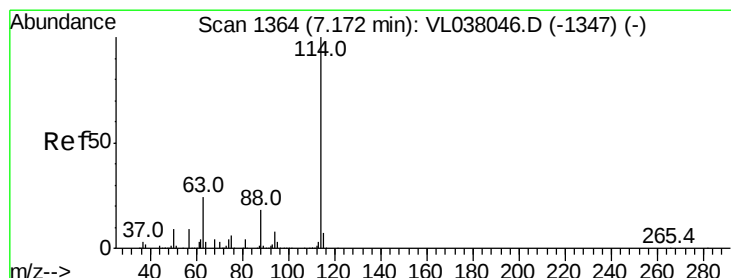
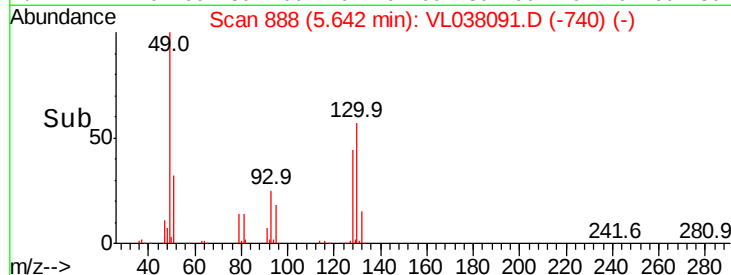
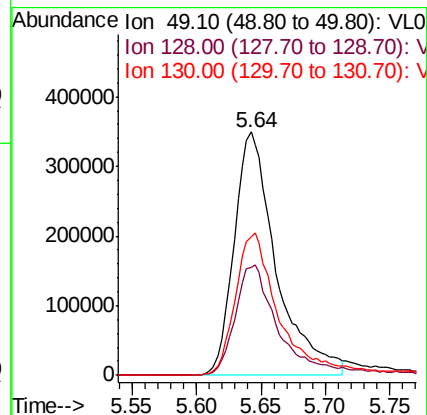
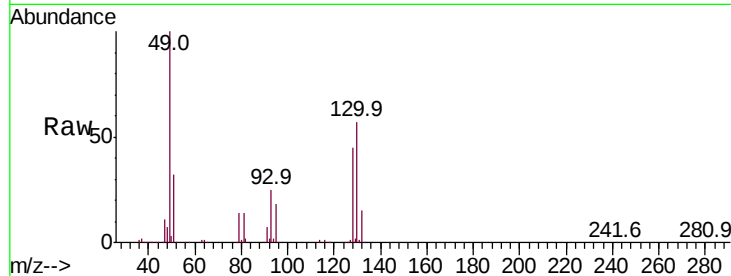
130 63.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1356

Delta R.T. -0.03 min

Lab File: VL038091.D

Acq: 19 Nov 2021 18:47

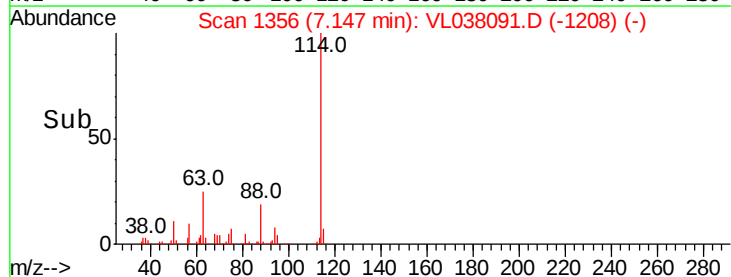
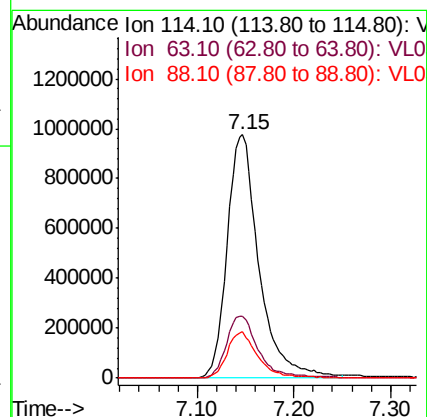
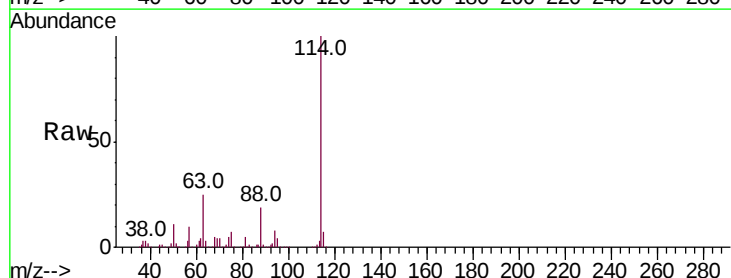
Tgt Ion:114 Resp: 2237573

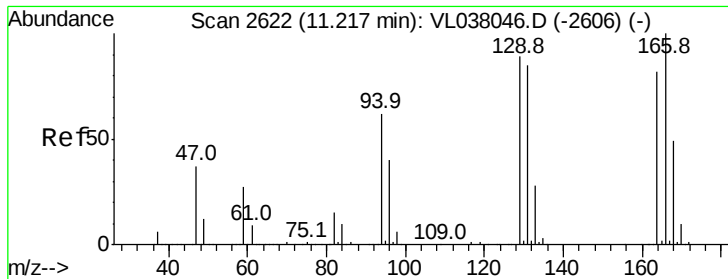
Ion Ratio Lower Upper

114 100

63 25.9 19.7 29.5

88 18.4 14.4 21.6





#52

Tetrachloroethene

Concen: 0.214 ppbv m

RT: 11.19

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 18:47

Tot Ion:1

Ion Rati

164 100

166 141.

129 112.

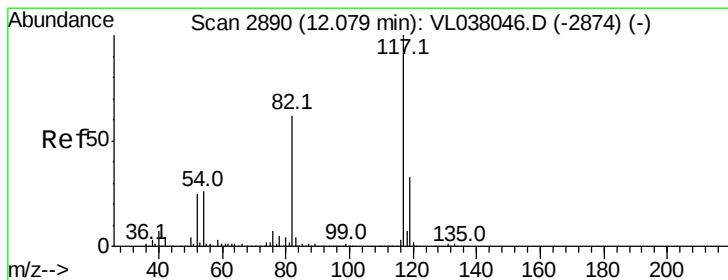
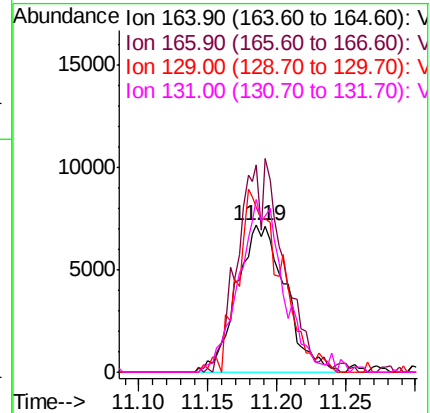
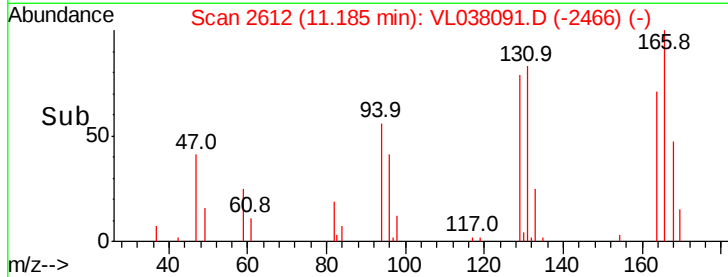
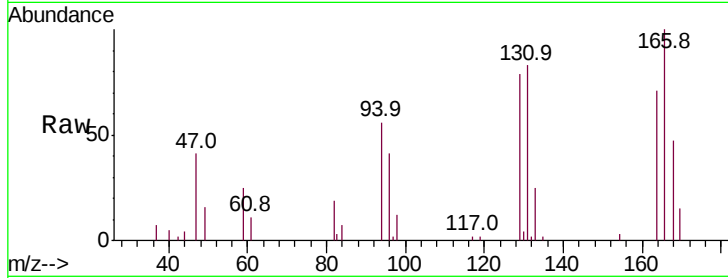
131 117.7 82.8 124.2

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.05 min Scan# 2880

Delta R.T. -0.03 min

Lab File: VL038091.D

Acq: 19 Nov 2021 18:47

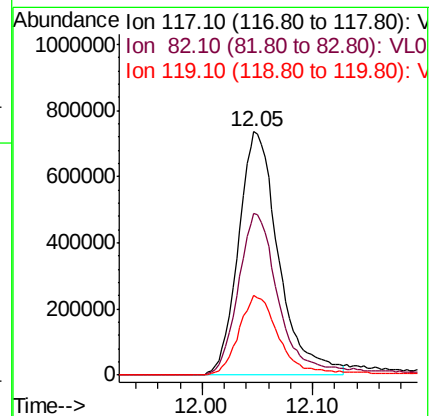
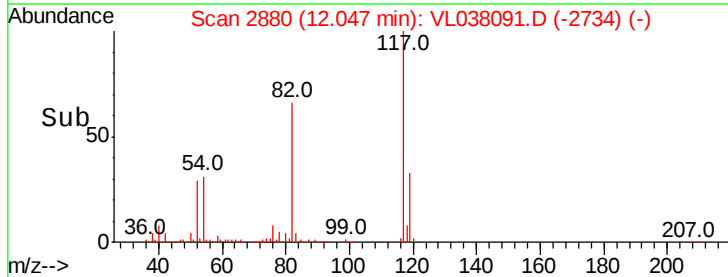
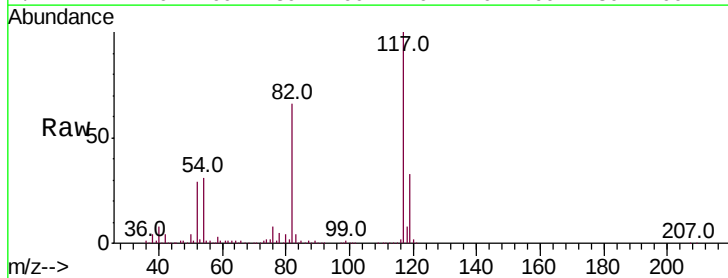
Tgt Ion:117 Resp: 1861146

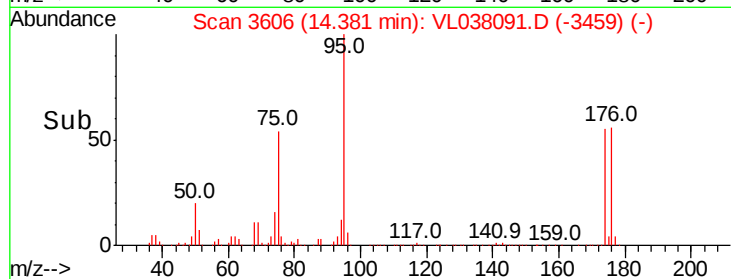
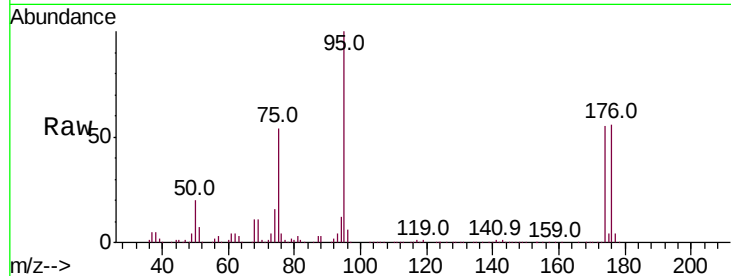
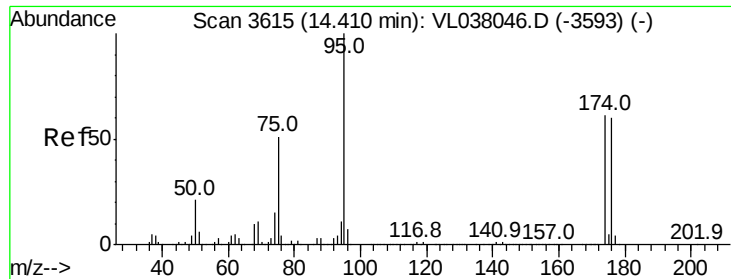
Ion Ratio Lower Upper

117 100

82 70.9 52.8 79.2

119 34.4 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.576 ppbv

RT: 14.38

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 19 Nov 2021 18:47

Tot Ion:

Ion Ratio

95 100

174 62.

175 4.

Manual Integrations

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