

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038135.D
 Acq On : 29 Nov 2021 14:55
 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 11/30/2021
 Supervised By :Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 06:10:30 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	5.67	49	975881	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2619164	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2242851	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1765621	10.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
52) Tetrachloroethene	11.23	164	23937m	0.248	ppbv	

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

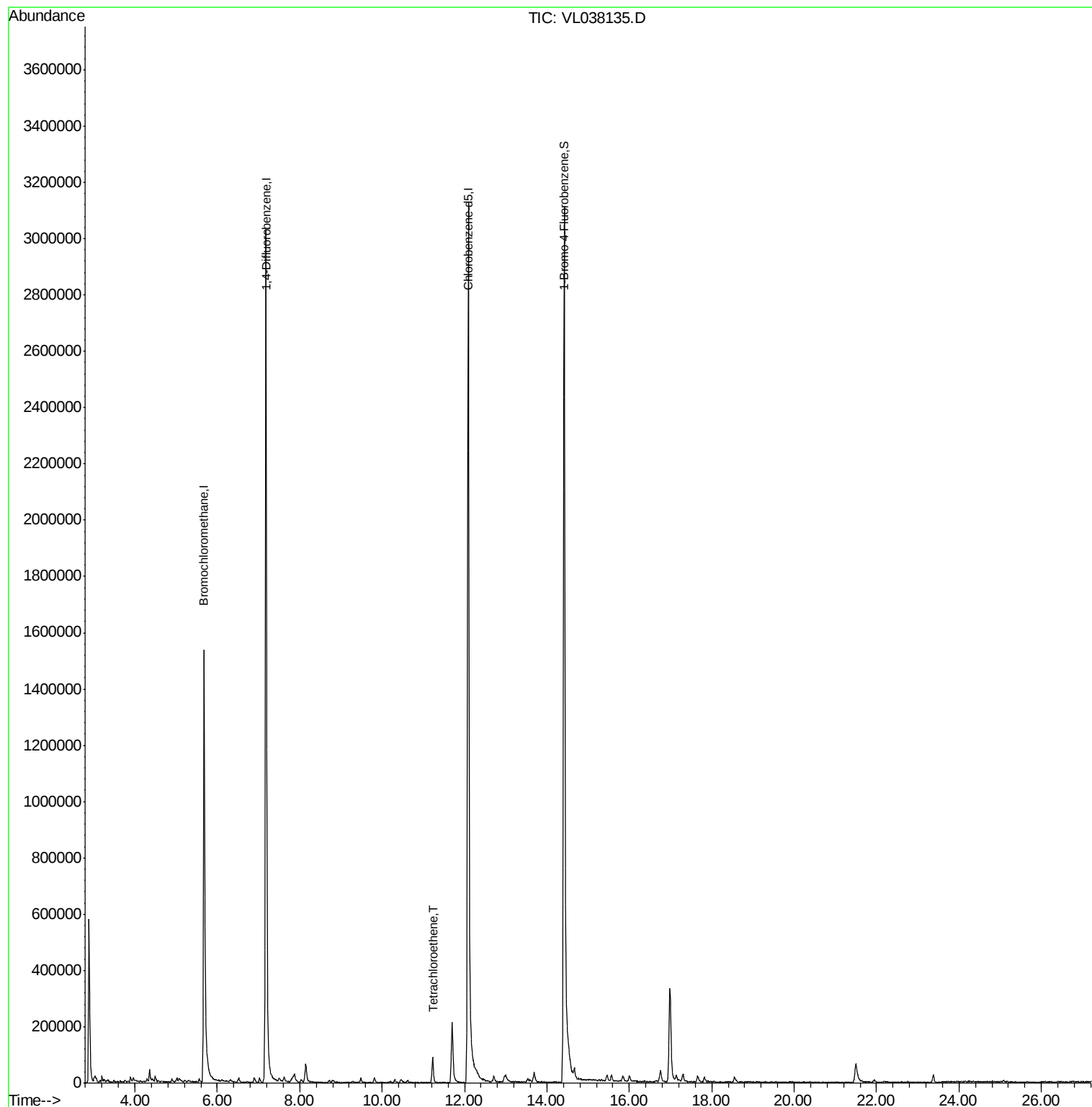
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL112921\
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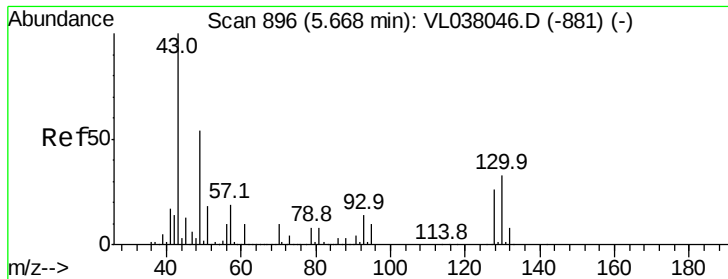
Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111821
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Nov 2021 14:55

Tot Ion:

Ion Ratio

49 100

128 47.

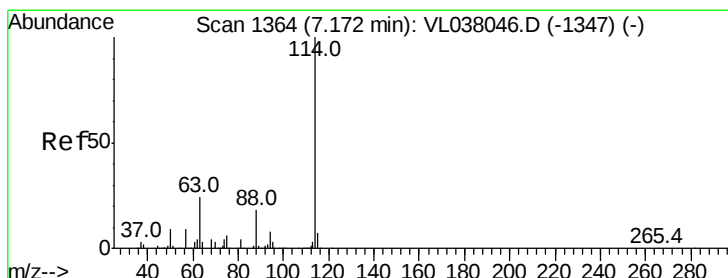
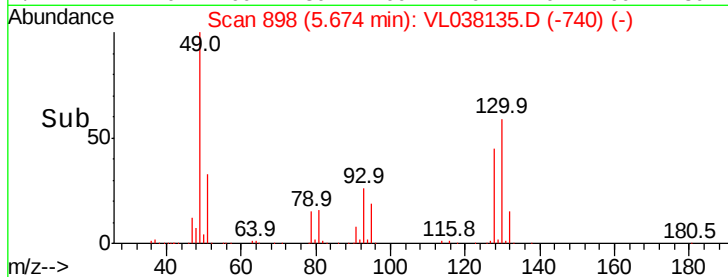
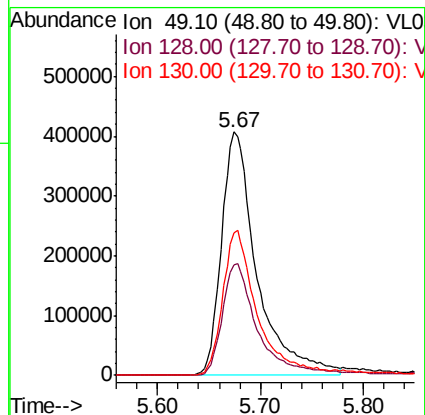
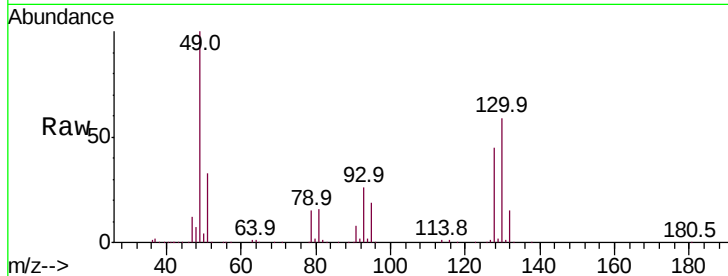
130 60.

Manual Integrations

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VL038135.D

Acq: 29 Nov 2021 14:55

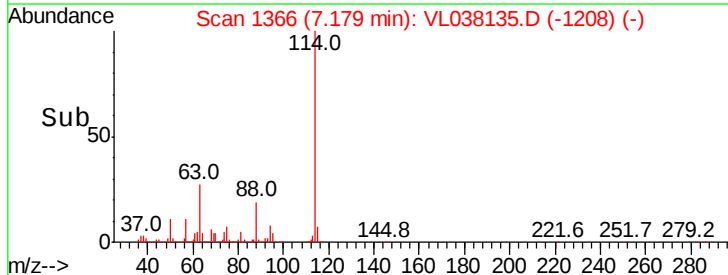
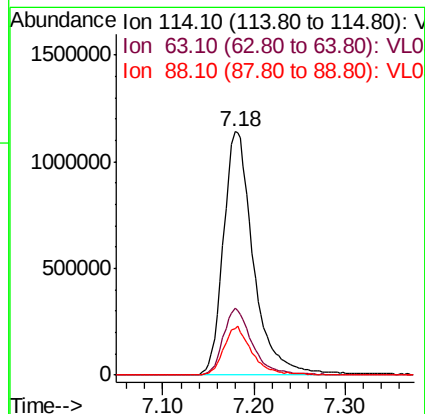
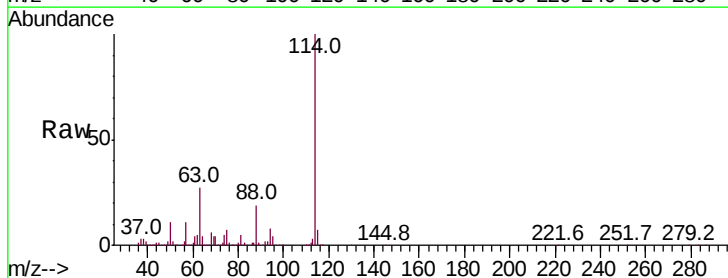
Tgt Ion:114 Resp: 2619164

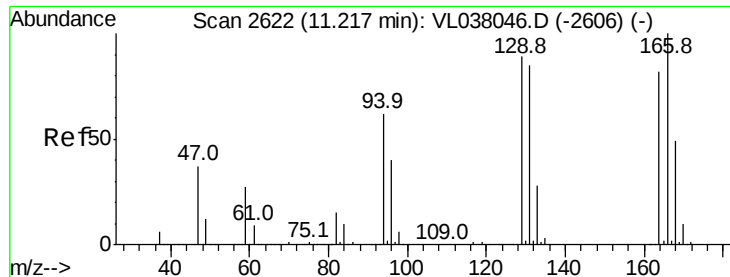
Ion Ratio Lower Upper

114 100

63 26.9 19.7 29.5

88 19.1 14.4 21.6





#52

Tetrachloroethene

Concen: 0.248 ppbv m

RT: 11.23

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 29 Nov 2021 14:55

Tot Ion:1

Ion Rati

164 100

166 123.

129 104.

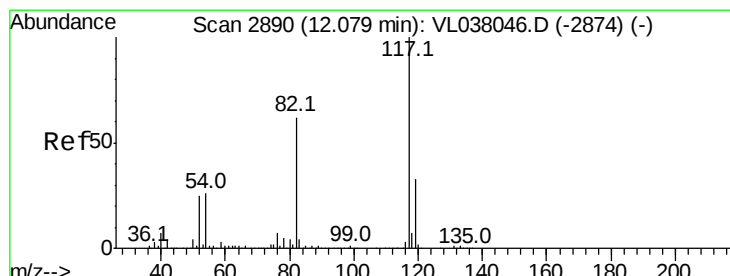
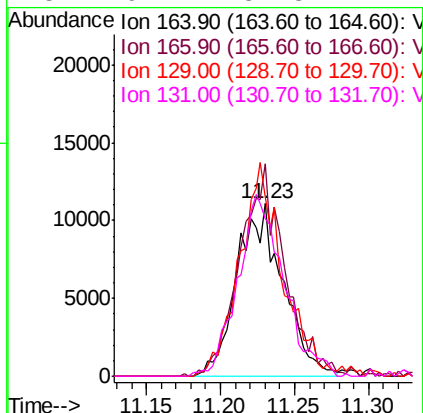
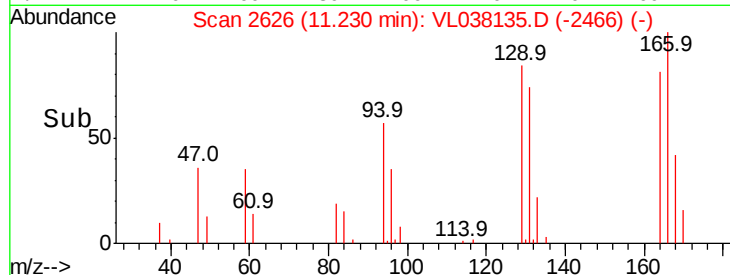
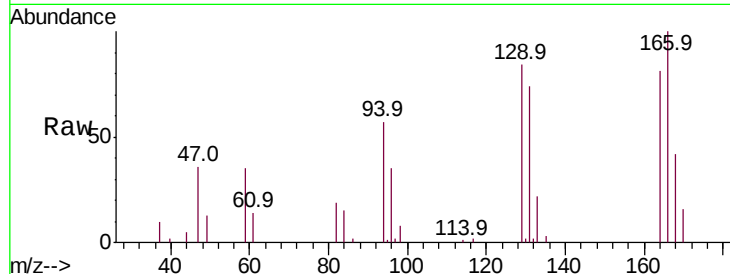
131 91.1

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.09 min Scan# 2893

Delta R.T. 0.01 min

Lab File: VL038135.D

Acq: 29 Nov 2021 14:55

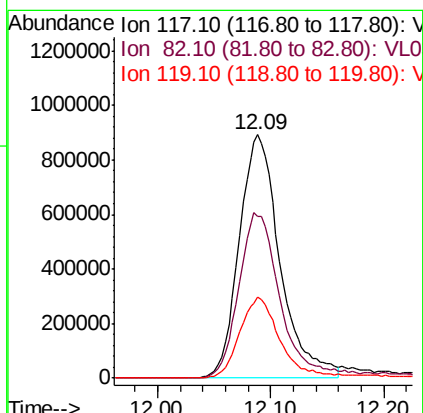
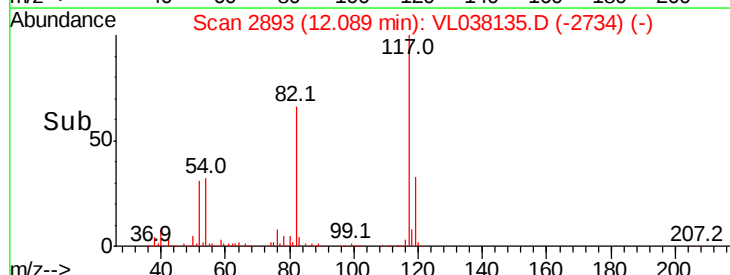
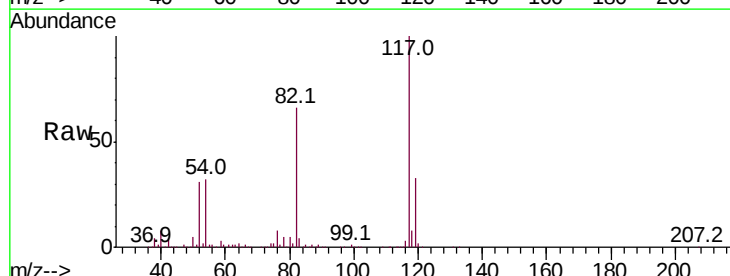
Tgt Ion:117 Resp: 2242851

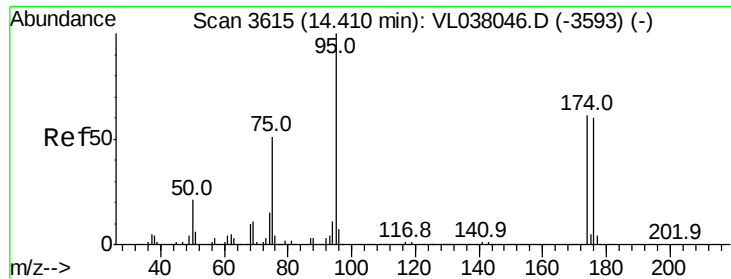
Ion Ratio Lower Upper

117 100

82 74.5 52.8 79.2

119 34.9 26.8 40.2





#68

1-Bromo-4-Fluorobenzene

Concen: 10.914 ppbv

RT: 14.42

Delta R.T

Lab File: ClientSampleId :

Acq: 29 Nov 2021 14:35

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

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