

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038862.D
 Acq On : 8 Apr 2022 4:38
 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 04/09/2022
 Supervised By :Mahesh Dadoda 04/11/2022

Quant Time: Apr 08 10:01:02 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1041254	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	2604655	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2336595	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1833199	10.34	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methvlene Chloride	4.37	84	5848m	0.156	ppbv	

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

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Quant Time: Apr 08 10:01:02 2022

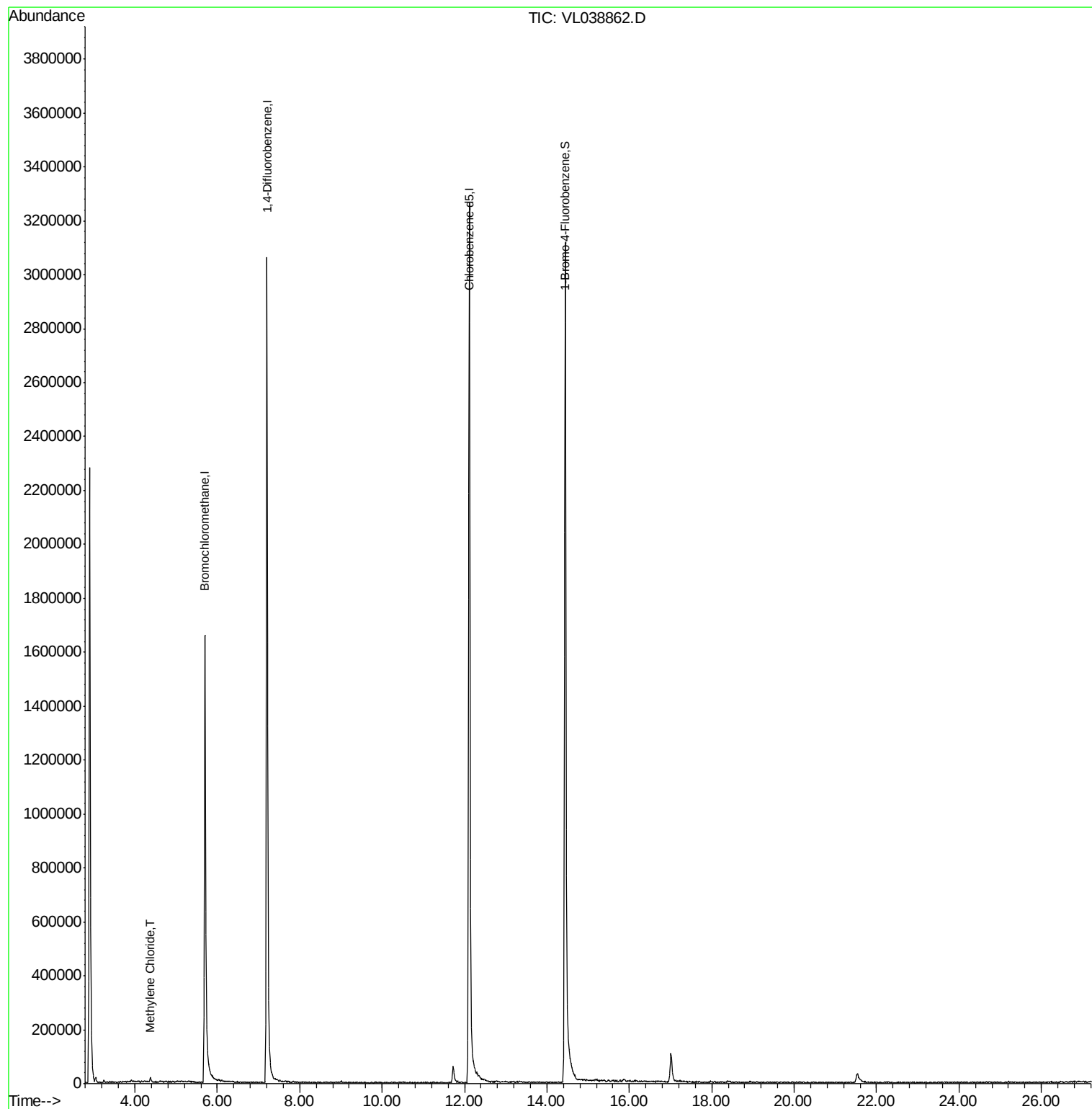
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522

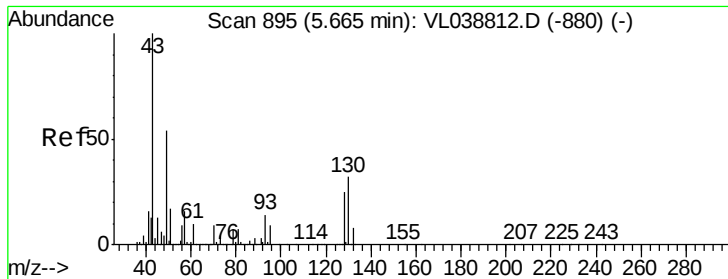
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId:

Acq: 8 Apr 2022 4:38

Tot Ion:

Ion Ratio

49 100

128 47.

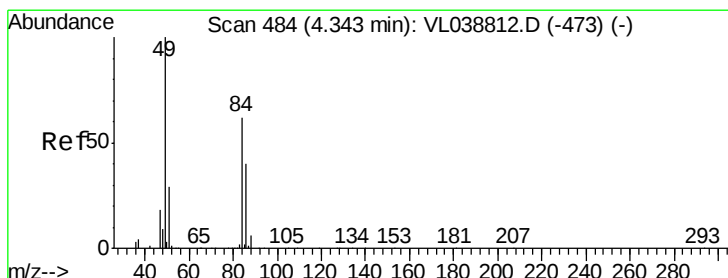
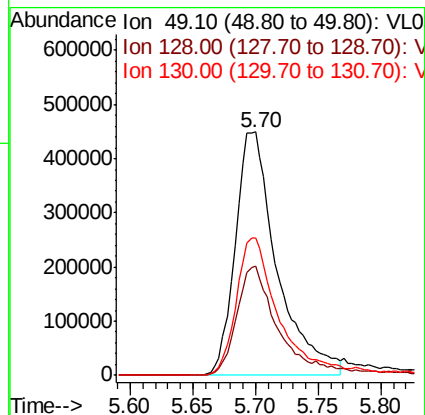
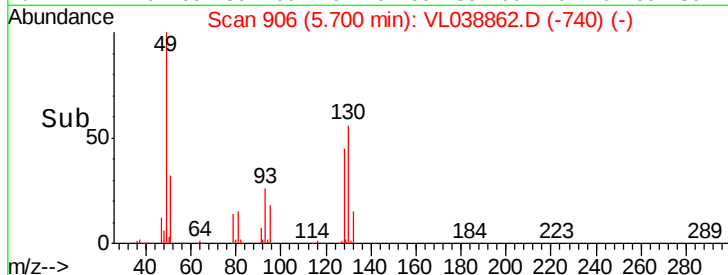
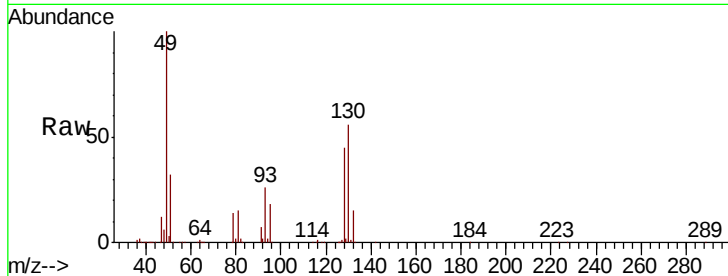
130 61.

Manual Integrations

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#20

Methylene Chloride

Concen: 0.156 ppbv m

RT: 4.37 min Scan# 493

Delta R.T. 0.03 min

Lab File: VL038862.D

Acq: 8 Apr 2022 4:38

Tgt Ion: 84 Resp: 5848

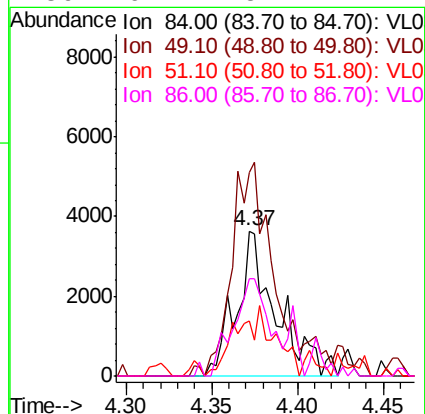
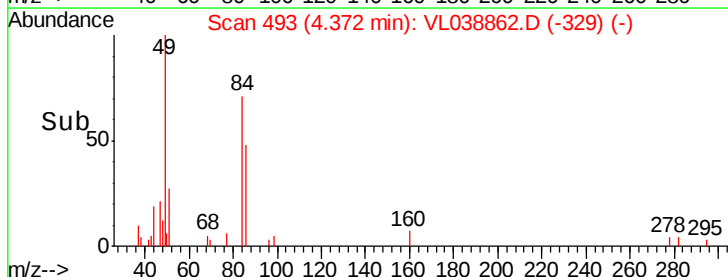
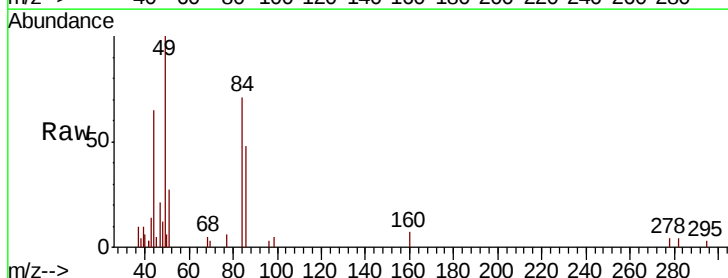
Ion Ratio Lower Upper

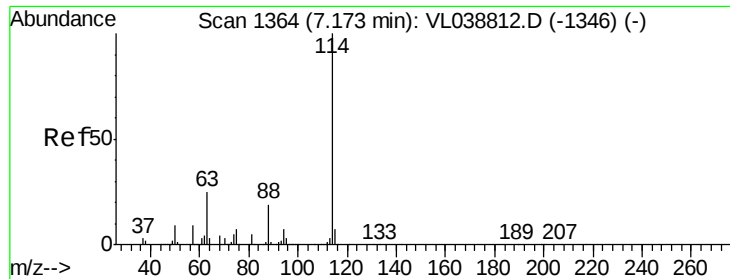
84 100

49 140.6 129.4 194.0

51 37.7 37.4 56.2

86 67.2 51.4 77.2



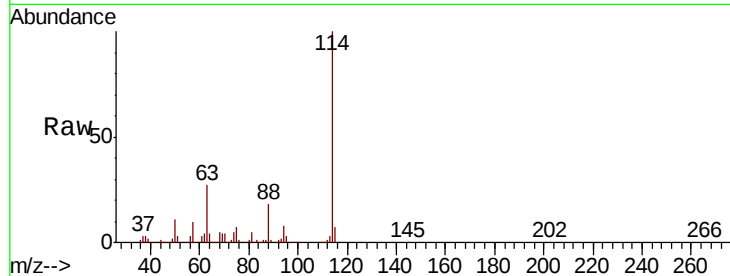


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 4:38

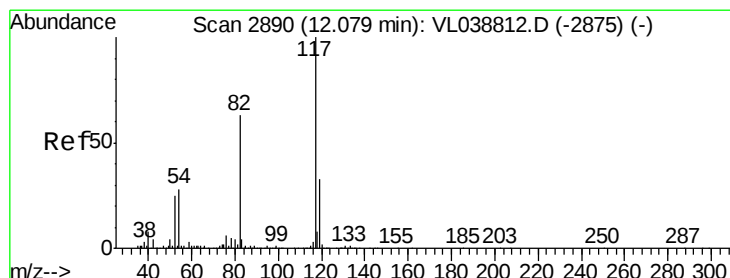
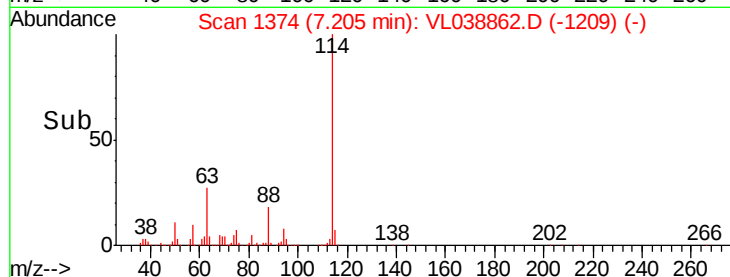
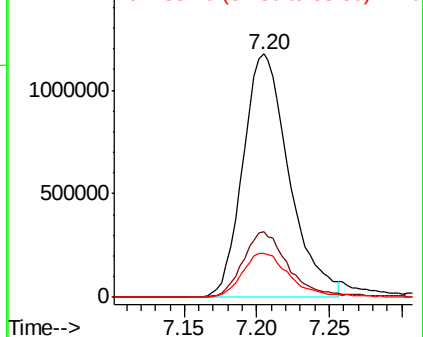
Tot Ion:1
 Ion Rati
 114 100
 63 27.
 88 19.

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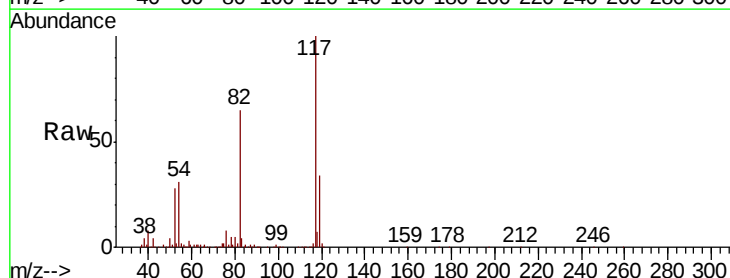


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

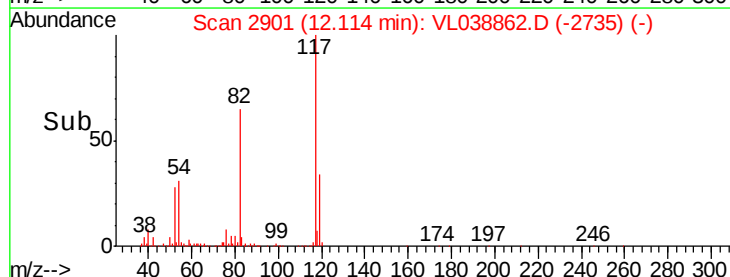
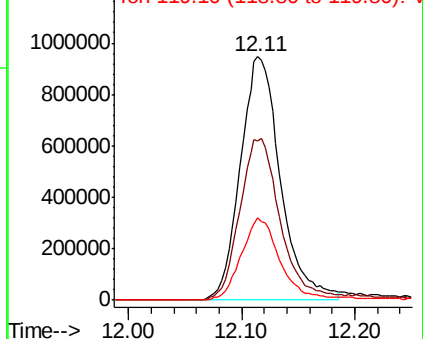


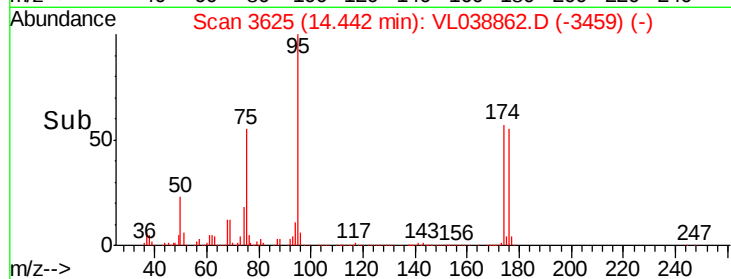
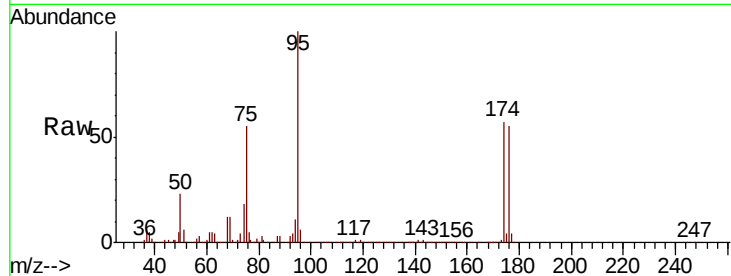
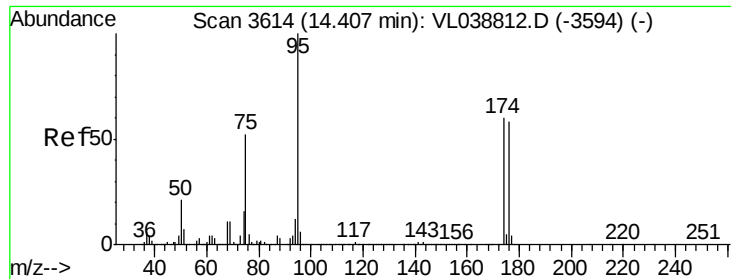
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.11 min Scan# 2901
 Delta R.T. 0.04 min
 Lab File: VL038862.D
 Acq: 8 Apr 2022 4:38

Tgt Ion:117 Resp: 2336595
 Ion Ratio Lower Upper
 117 100
 82 70.5 53.0 79.6
 119 34.3 24.9 37.3



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: 10.343 ppbv

RT: 14.44

Delta R.T

Lab File: ClientSampleId :

Acq: 8 Apr 2022 4:38

Tot Ion:

Ion Ratio

95 100

174 63.

175 4.

Manual Integrations

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