

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
 Data File : VL037862.D
 Acq On : 18 Oct 2021 21:15
 Operator : SY/AP
 Sample : OC101221 CAN 10605
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101221 CAN 10605

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2021
 Supervised By :Mahesh Dadoda 10/27/2021

Quant Time: Oct 19 09:19:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1203506	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3523190	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2859366	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2057637	10.29	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
20) Methylene Chloride	4.36	84	80712m	1.479	ppbv	

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

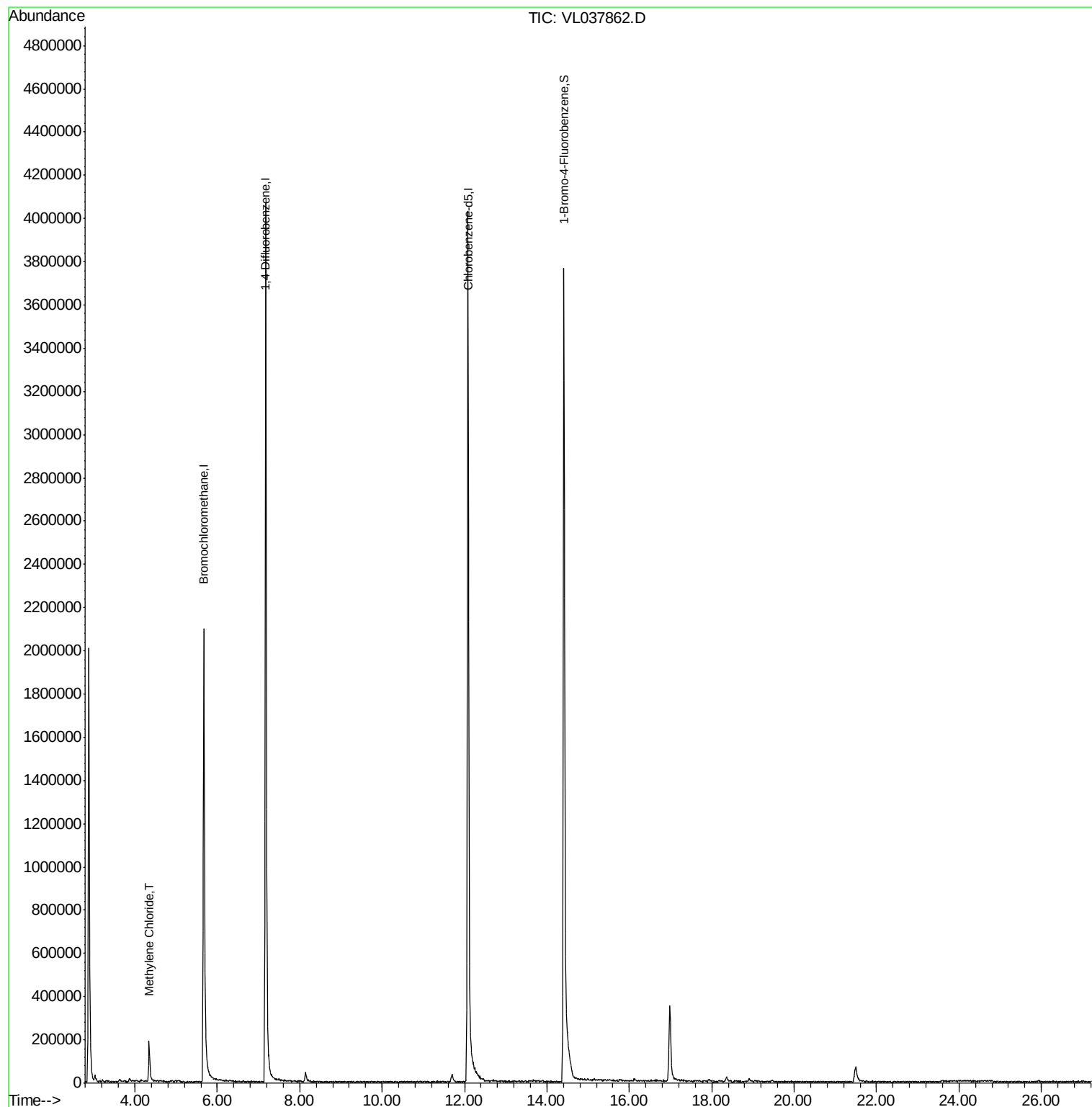
Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101821\
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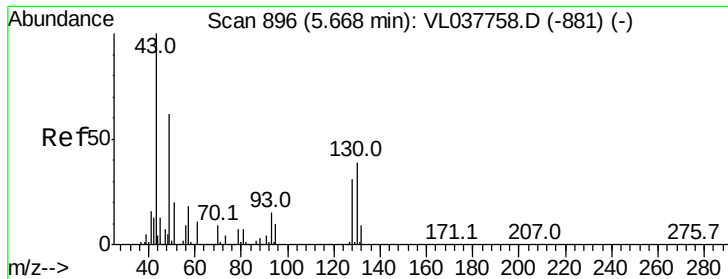
Instrument :
MSVOA_L
ClientSampleId :
QC101221 CAN 10605

Quant Time: Oct 19 09:19:15 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL100421
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 18 Oct 2021 21:15

Tot Ion:

Ion Ratio

49 100

128 55.

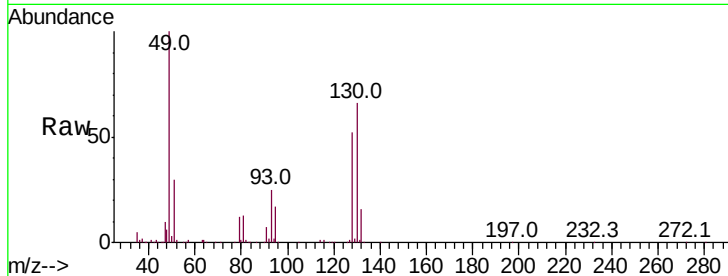
130 68.

Manual Integrations

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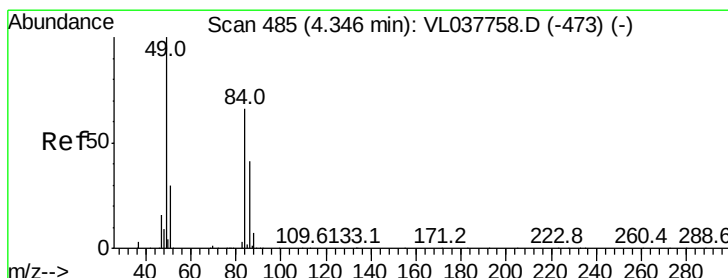
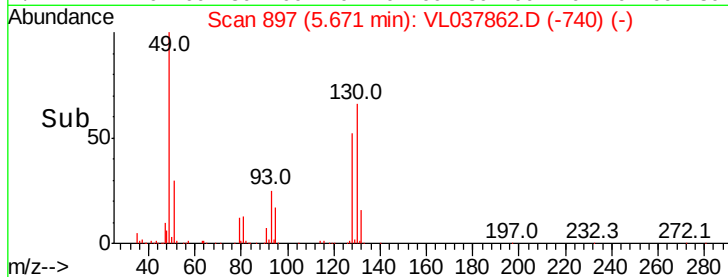
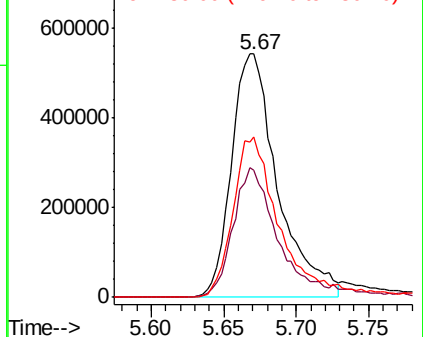
Supervised By :Mahesh Dadoda 10/27/2021



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



#20

Methylene Chloride

Concen: 1.479 ppbv m

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL037862.D

Acq: 18 Oct 2021 21:15

Tgt Ion: 84 Resp: 80712

Ion Ratio Lower Upper

84 100

49 131.7 120.7 181.1

51 35.7 36.2 54.4#

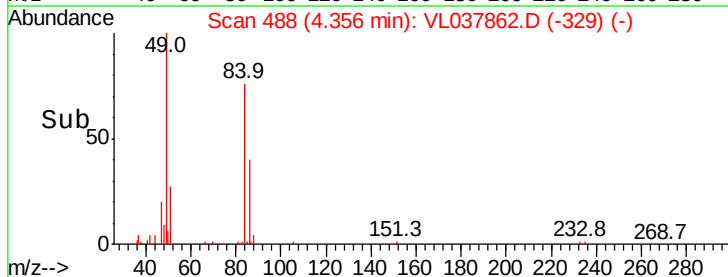
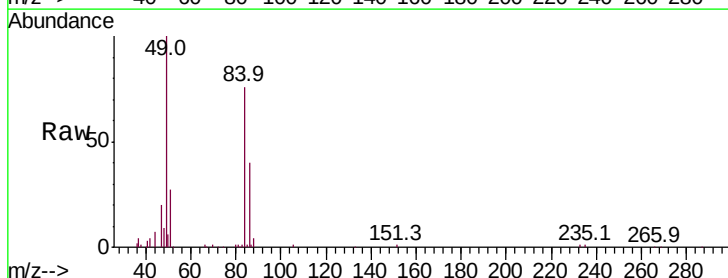
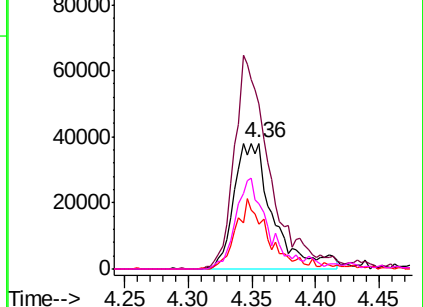
86 52.3 49.6 74.4

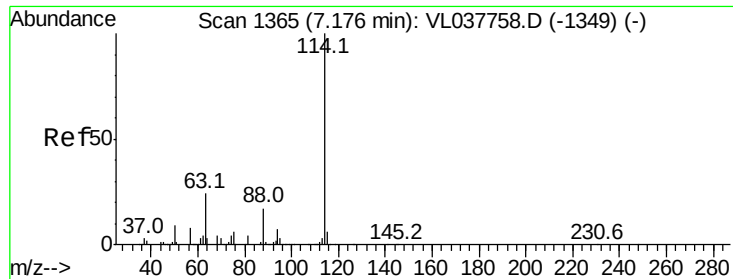
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



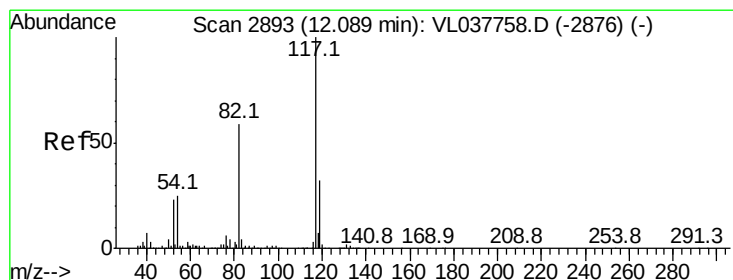
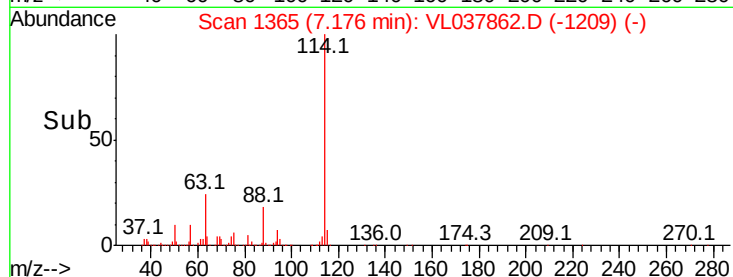
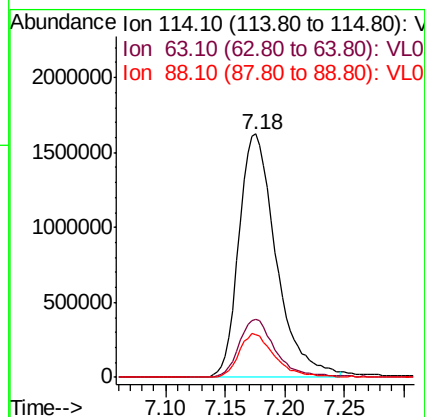
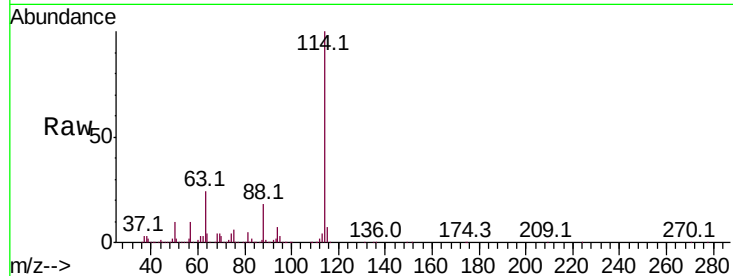


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 18 Oct 2021 21:15

Tot Ion:1
 Ion Rati
 114 100
 63 23.
 88 17.

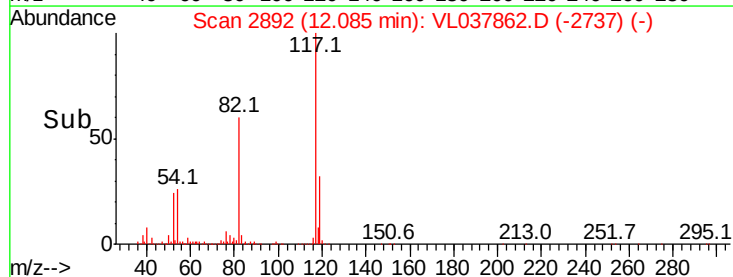
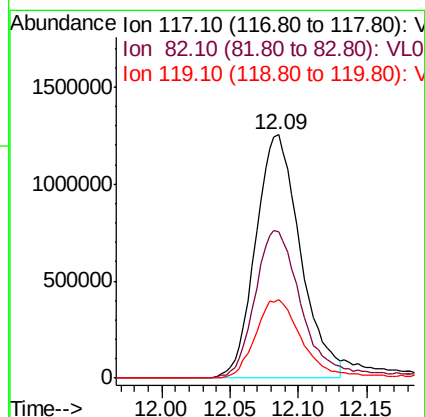
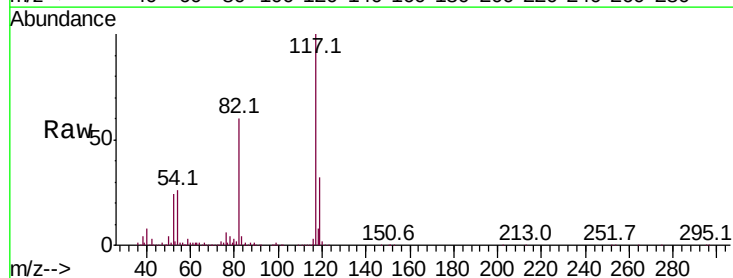
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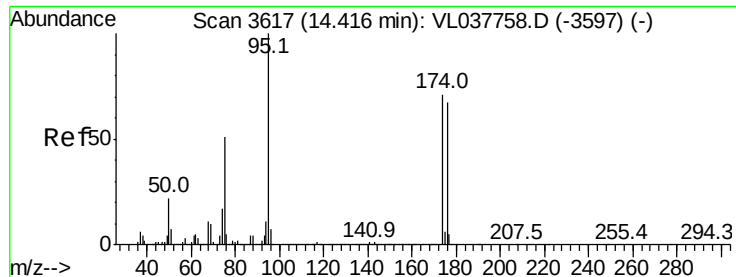
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 Supervised By :Mahesh Dadoda 10/27/2021



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. -0.00 min
 Lab File: VL037862.D
 Acq: 18 Oct 2021 21:15

Tgt Ion:117 Resp: 2859366
 Ion Ratio Lower Upper
 117 100
 82 66.7 52.2 78.2
 119 36.2 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.290 ppbv

RT: 14.41

Delta R.T

Lab File: ClientSampleId :

Acq: 18 Oct 2021 21:15

Tot Ion:

Ion Ratio

95 100

174 75.

175 5.

Manual Integrations

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