

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012722\
 Data File : VL038310.D
 Acq On : 27 Jan 2022 23:48
 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 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 07:00:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	703878	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	1947925	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1603948	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1203580	9.89	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds					Qvalue
13) Ethanol	3.62	45	4590m	0.937	ppbv

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

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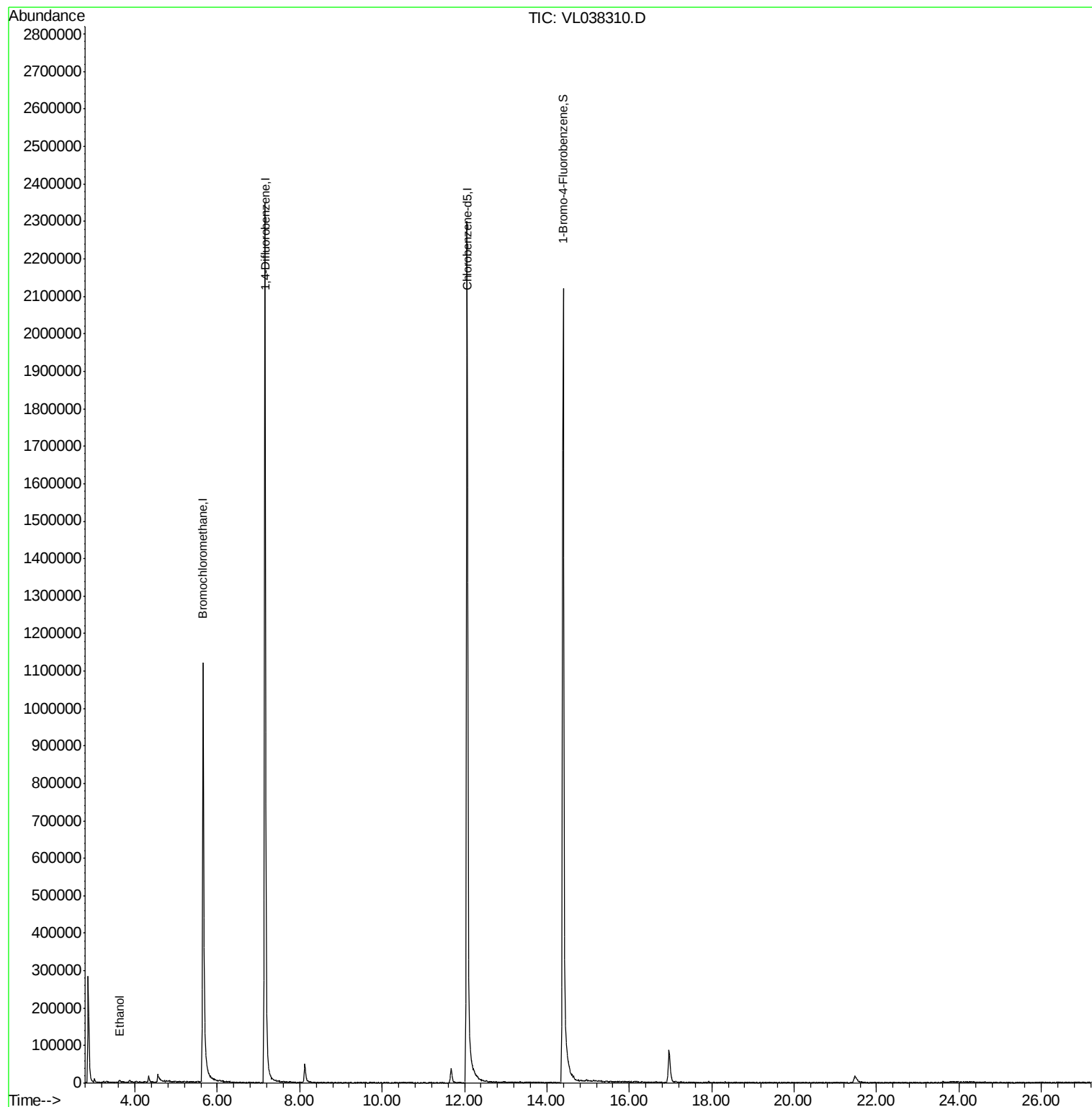
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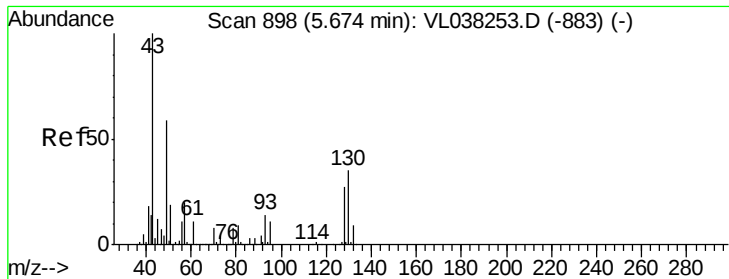
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Mon Jan 24 14:12:48 2022

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 23:48

Tgt Ion:

Ion Ratio

49 100

128 47.

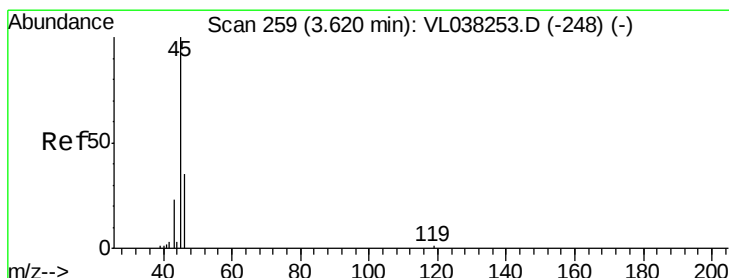
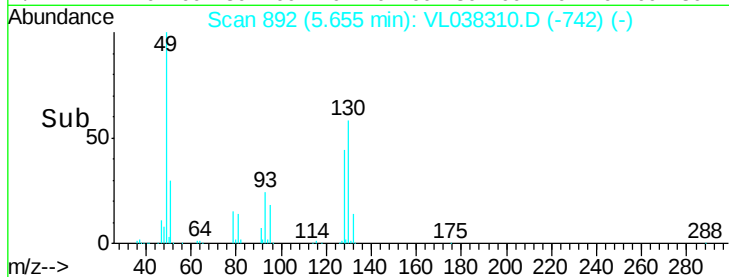
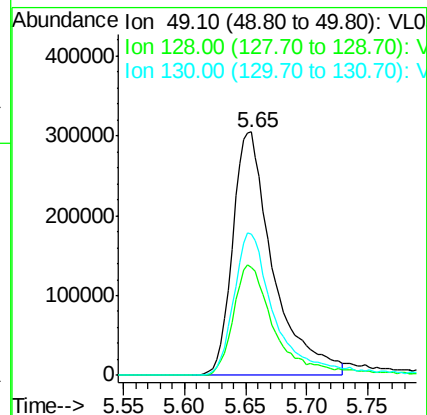
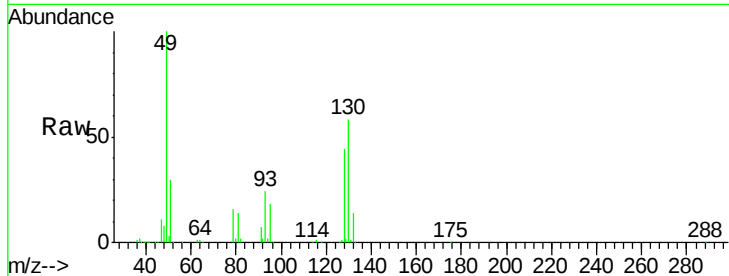
130 61.

Manual Integrations

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#13

Ethanol

Concen: 0.937 ppbv m

RT: 3.62 min Scan# 259

Delta R.T. 0.00 min

Lab File: VL038310.D

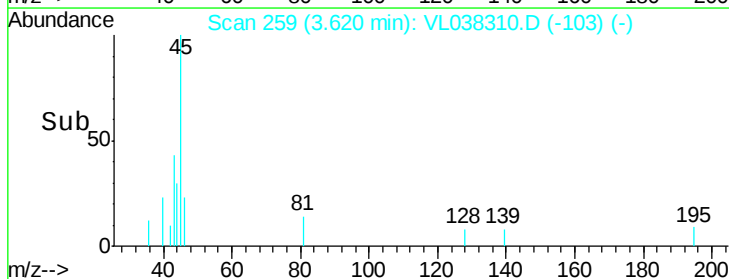
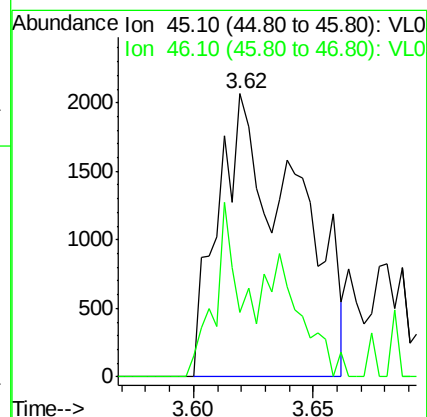
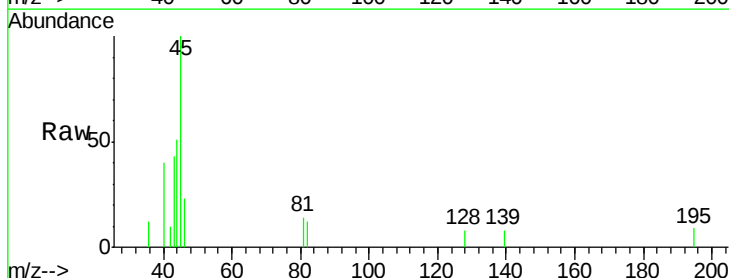
Acq: 27 Jan 2022 23:48

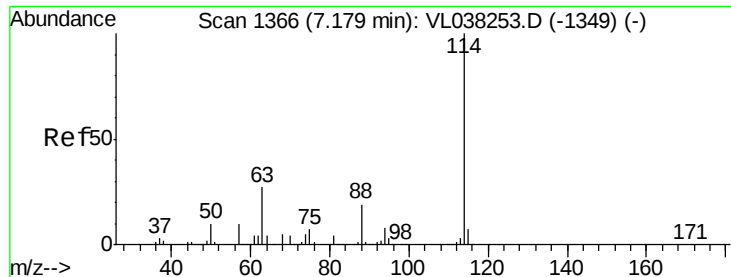
Tgt Ion: 45 Resp: 4590

Ion Ratio Lower Upper

45 100

46 41.6 15.4 61.6



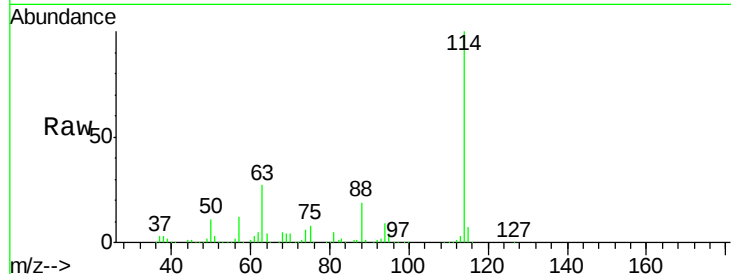


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.16
 Instrument : MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 27 Jan 2022 23:48

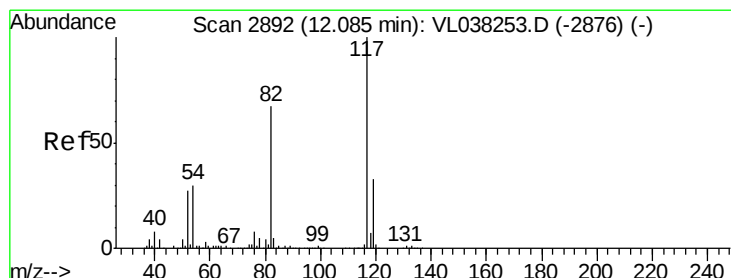
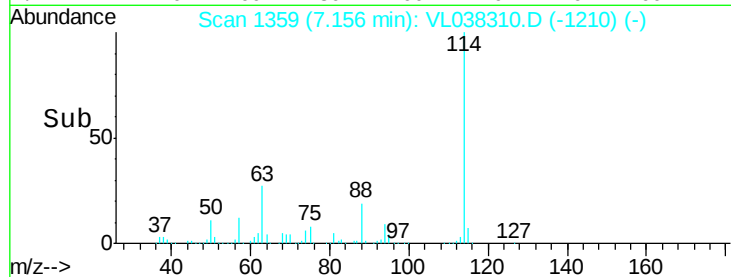
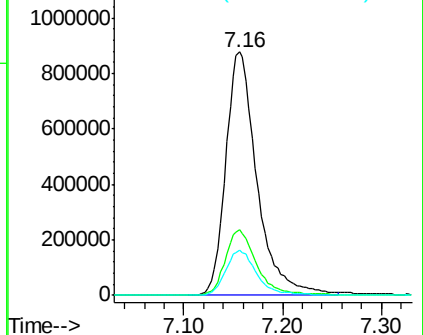
Tgt Ion:1
 Ion Rati
 114 100
 63 27.
 88 18.

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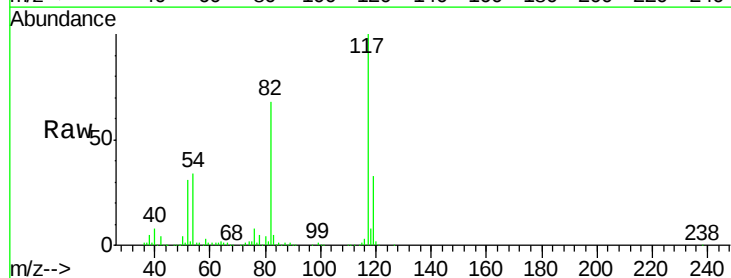


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

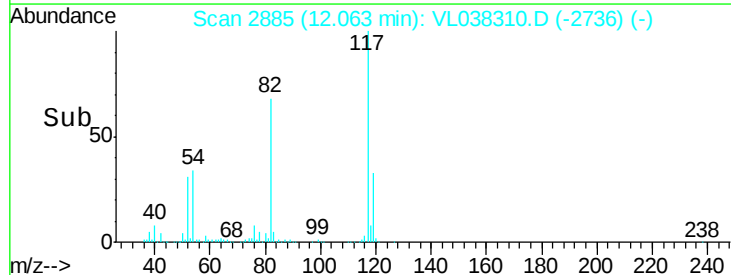
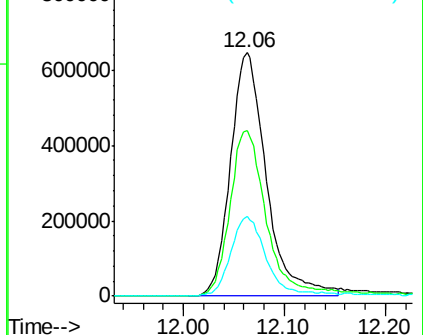


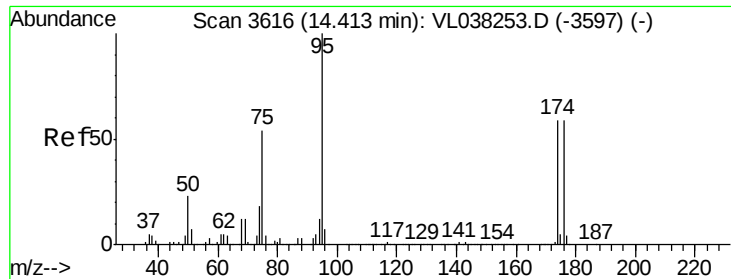
#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2885
 Delta R.T. -0.02 min
 Lab File: VL038310.D
 Acq: 27 Jan 2022 23:48

Tgt Ion:117 Resp: 1603948
 Ion Ratio Lower Upper
 117 100
 82 72.4 54.4 81.6
 119 33.1 45.9 68.9#



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: 9.887 ppbv

RT: 14.39

Delta R.T: MSVOA_L

Lab File: ClientSampleId :

Acq: 27 Jan 2022 23:48

Tgt Ion:

Ion Ratio

95 100

174 60.

175 4.

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