

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041107.D
 Acq On : 14 Mar 2024 15:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:47:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.185	49	1301356	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3302933	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2850302	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2217054	9.949	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
20) Methylene Chloride	3.928	84	7428m	0.129	ppbv	Qvalue

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

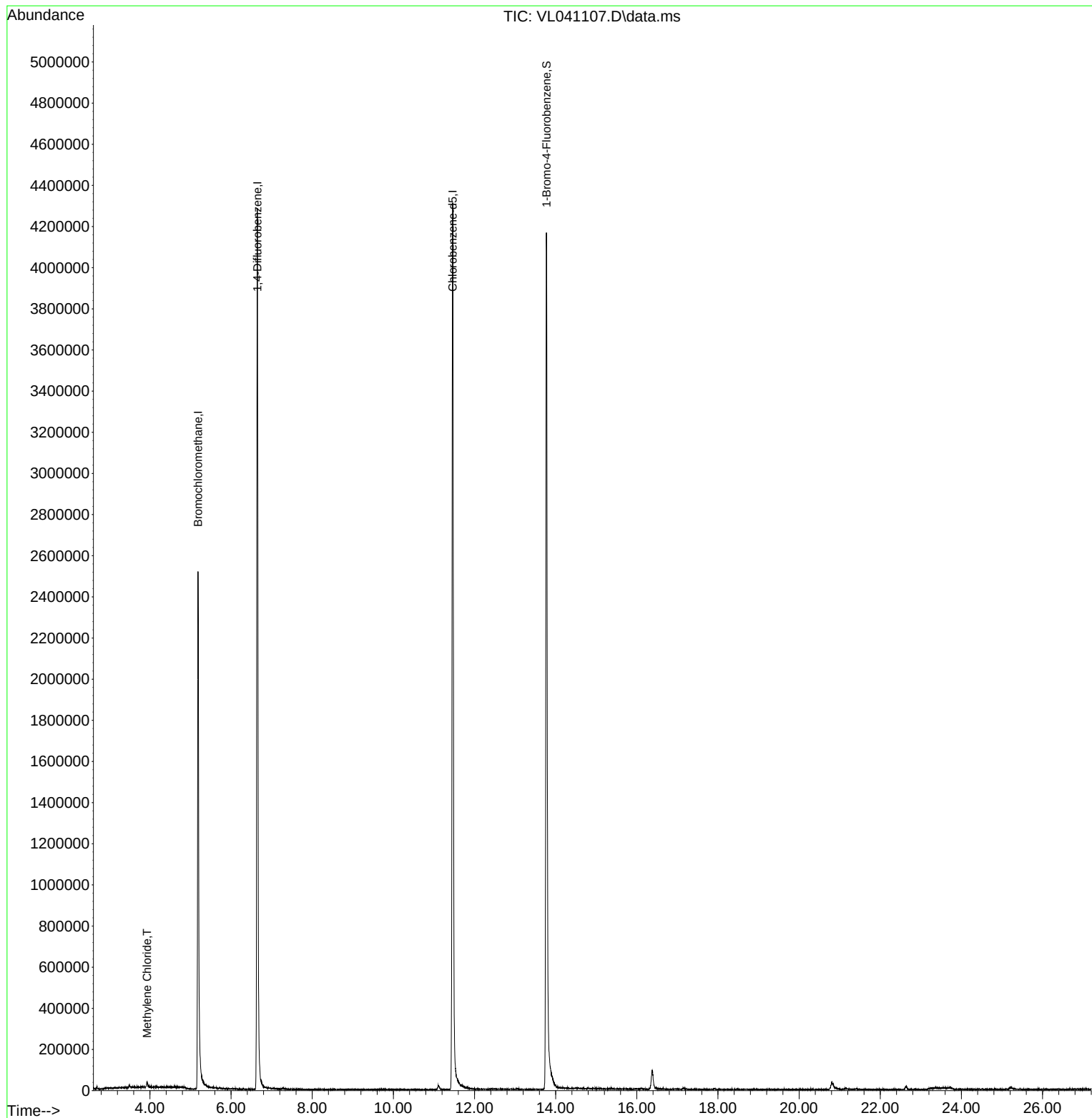
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
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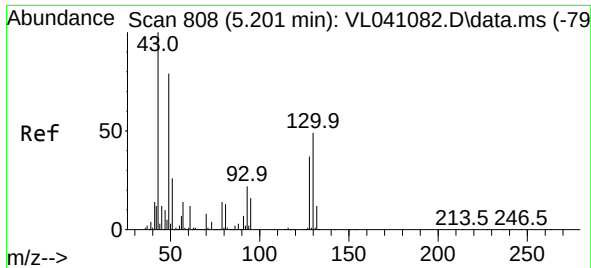
Instrument :
MSVOA_L
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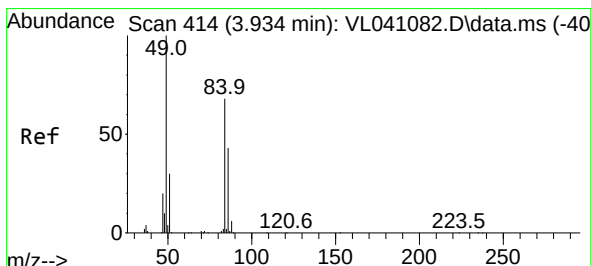
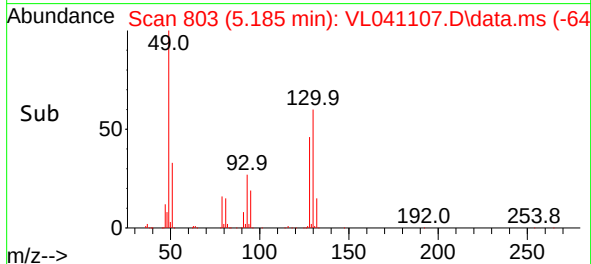
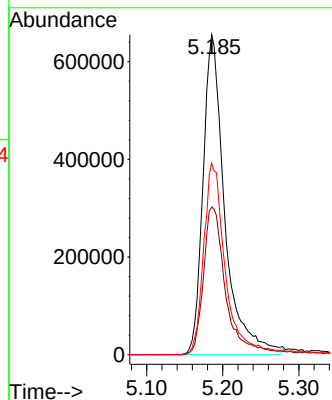
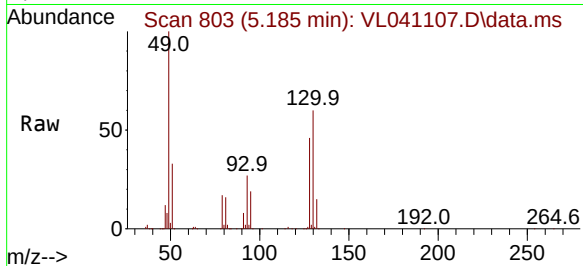
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 1301350
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.5
130 61.6 30.3 90.9

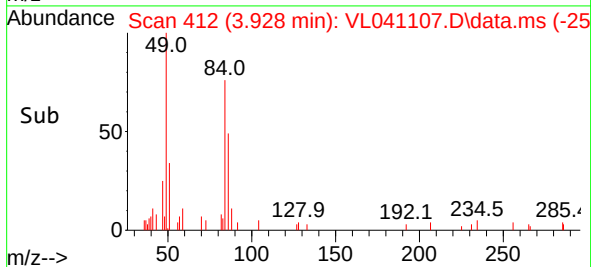
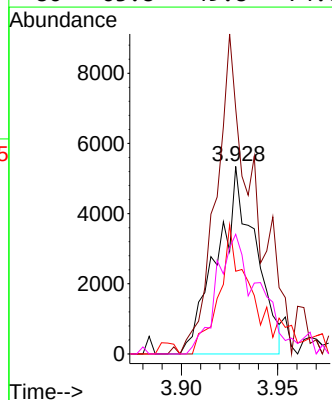
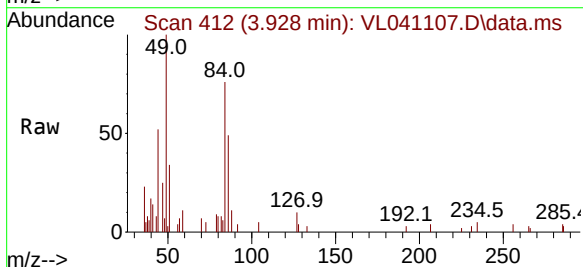
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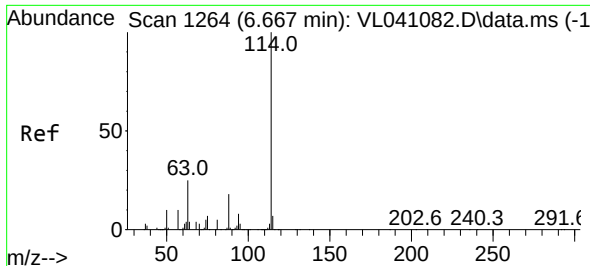
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#20
Methylene Chloride
Concen: 0.129 ppbv m
RT: 3.928 min Scan# 412
Delta R.T. 0.006 min
Lab File: VL041107.D
Acq: 14 Mar 2024 15:07

Tgt Ion: 84 Resp: 7428
Ion Ratio Lower Upper
84 100
49 130.8 117.0 175.6
51 44.1 34.9 52.3
86 63.8 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL041107.D

Acq: 14 Mar 2024 15:07

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 330293

Ion Ratio Lower Upper

114 100

63 25.6 21.0 31.6

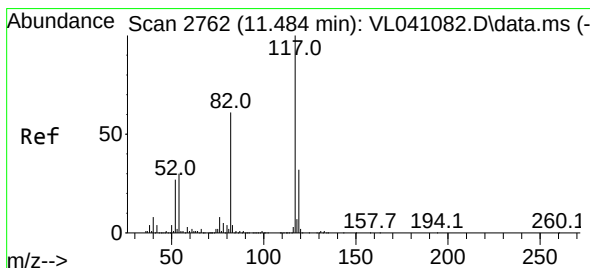
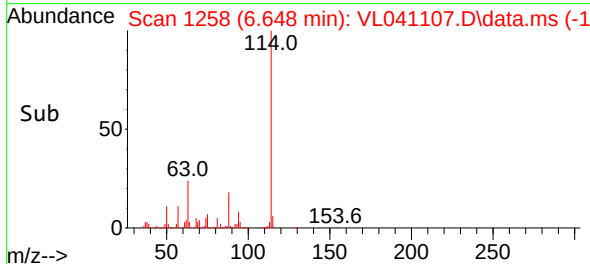
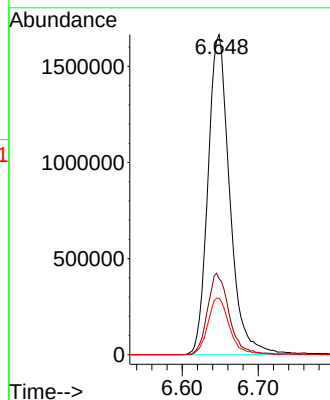
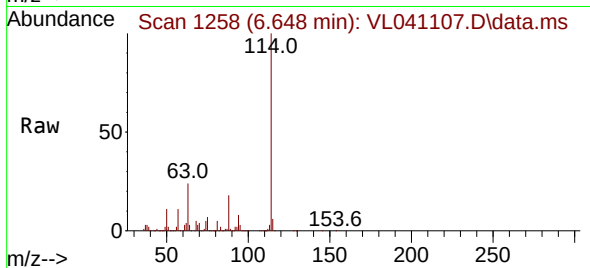
88 17.8 14.6 22.0

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.003 min

Lab File: VL041107.D

Acq: 14 Mar 2024 15:07

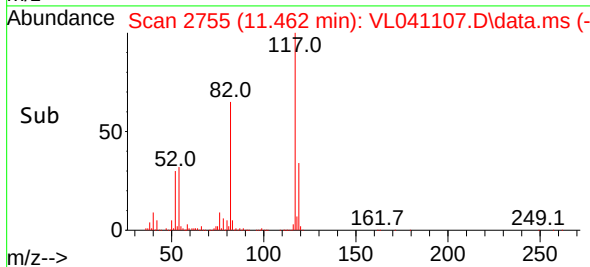
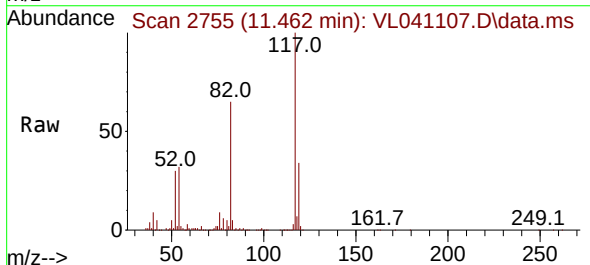
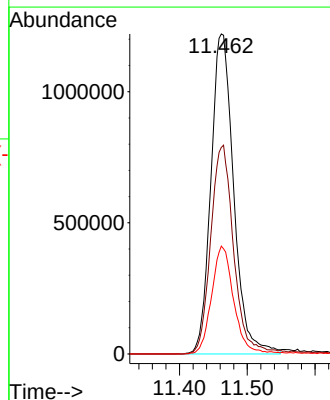
Tgt Ion:117 Resp: 2850302

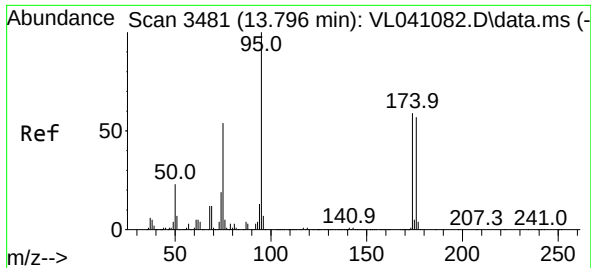
Ion Ratio Lower Upper

117 100

82 66.3 51.4 77.2

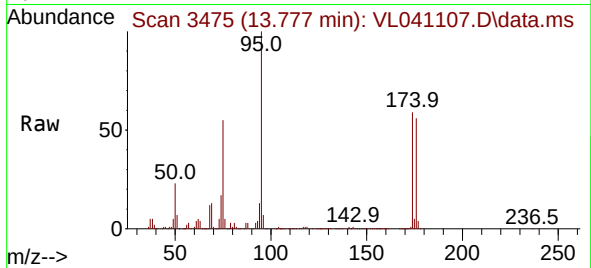
119 33.4 23.7 35.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.949 ppbv
 RT: 13.777 min Scan# 3481
 Delta R.T. 0.013 min
 Lab File: VL041107.D
 Acq: 14 Mar 2024 15:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 2217054
 Ion Ratio Lower Upper
 95 100
 174 60.1 47.8 71.8
 175 4.5 3.5 5.3

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