

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
Data File : VL041393.D
Acq On : 23 Jul 2024 7:34
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 :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 23 16:56:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1034643	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.642	114	2794747	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	2409489	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1842154	10.201	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
15) Acetone	3.484	43	31418m	0.230	ppbv	Qvalue

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

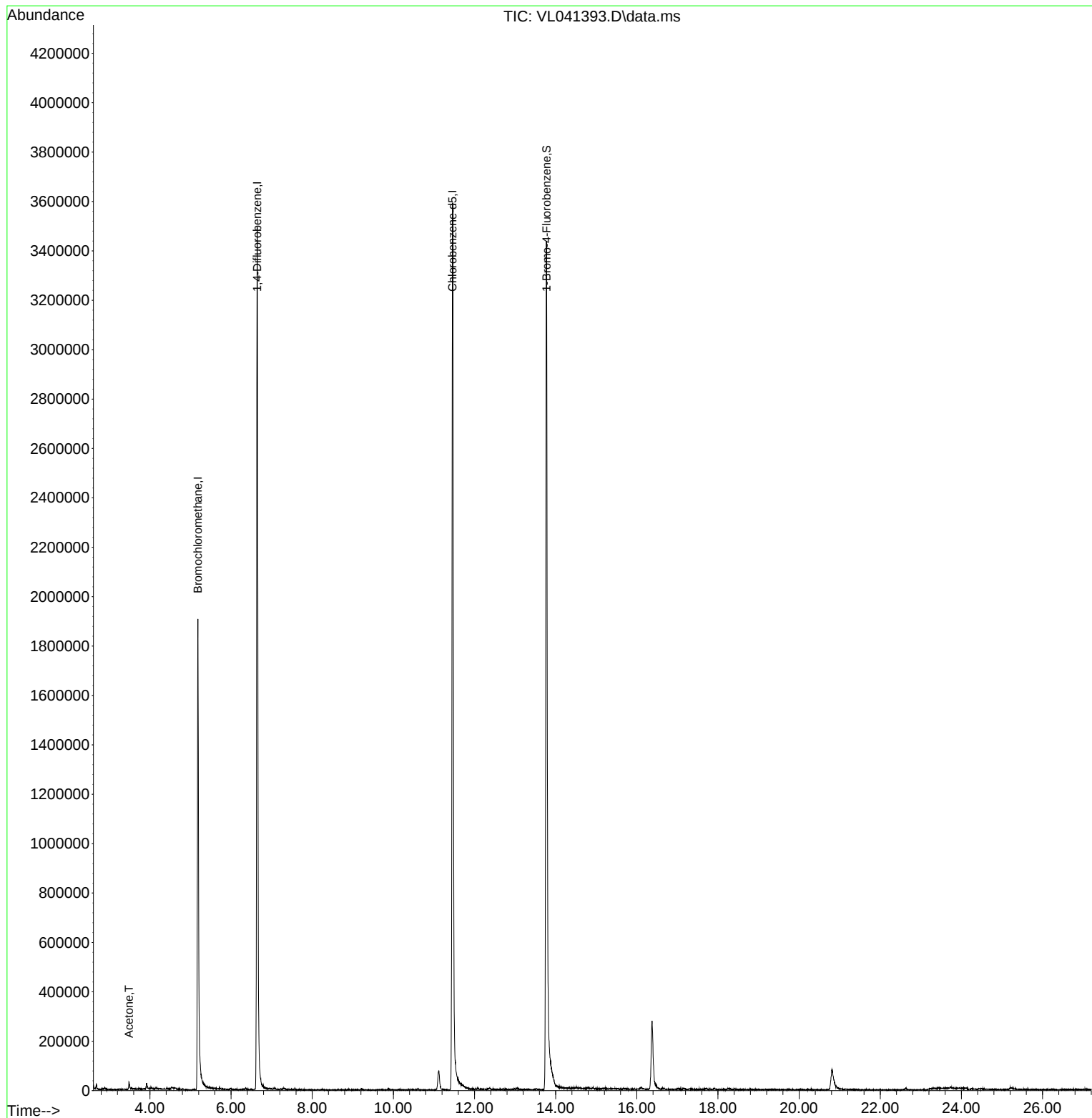
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072224\
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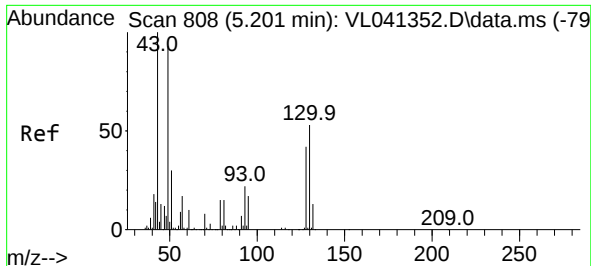
Instrument :
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ClientSampleId :
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Quant Time: Jul 23 16:56:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Jul 23 02:50:01 2024
Response via : Initial Calibration





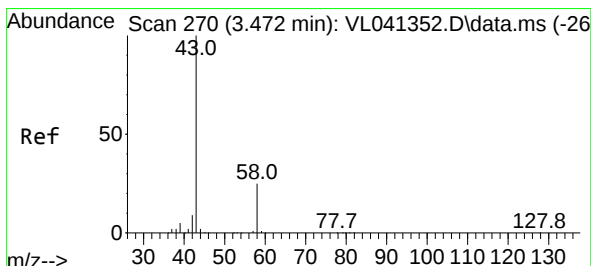
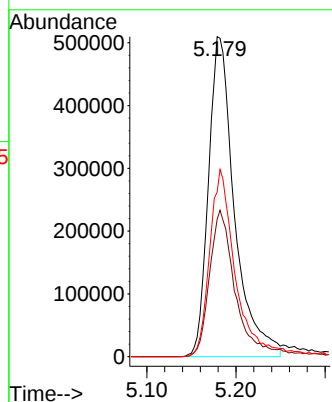
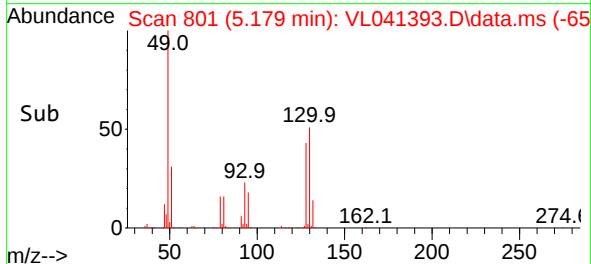
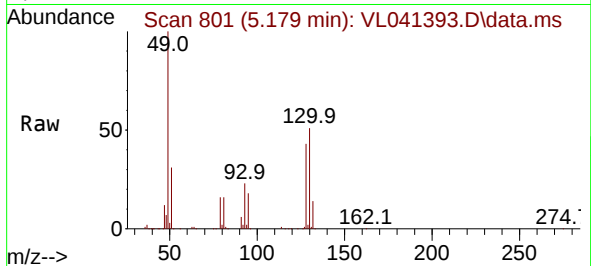
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.032 min
Lab File: VL041393.D
Acq: 23 Jul 2024 7:34

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 103464
Ion Ratio Lower Upper
49 100
128 47.8 22.8 68.3
130 60.1 28.9 86.7

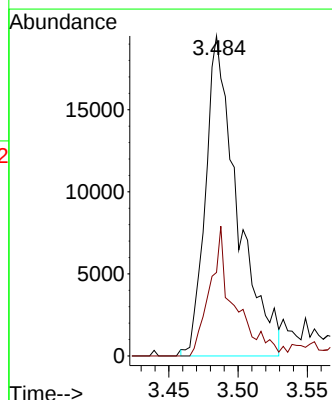
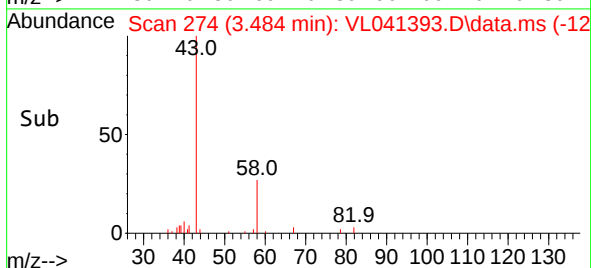
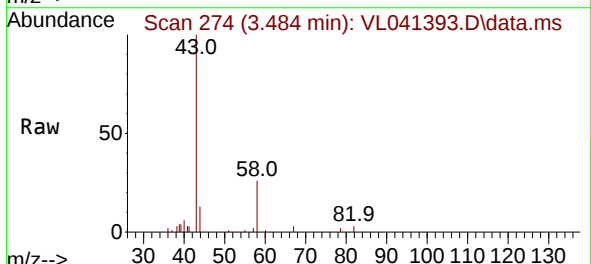
Manual Integrations
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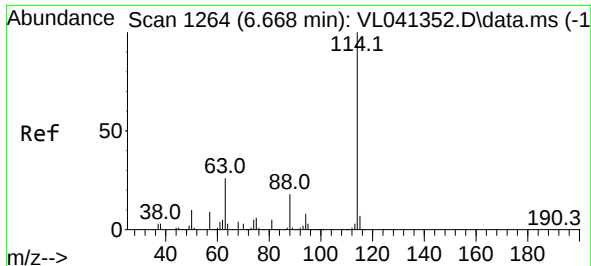
Reviewed By :Mahesh Dadoda 07/23/2024
Supervised By :Semsettin Yesilyurt 07/24/2024



#15
Acetone
Concen: 0.230 ppbv m
RT: 3.484 min Scan# 274
Delta R.T. -0.016 min
Lab File: VL041393.D
Acq: 23 Jul 2024 7:34

Tgt Ion: 43 Resp: 31418
Ion Ratio Lower Upper
43 100
58 35.7 20.3 30.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL041393.D

Acq: 23 Jul 2024 7:34

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 279474

Ion Ratio Lower Upper

114 100

63 25.5 20.6 31.0

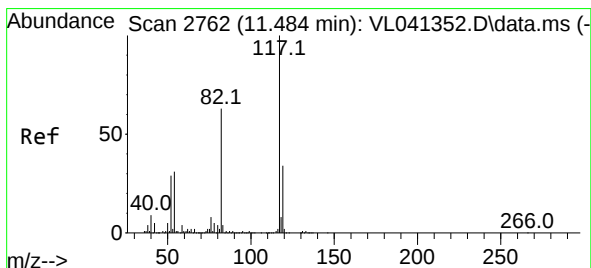
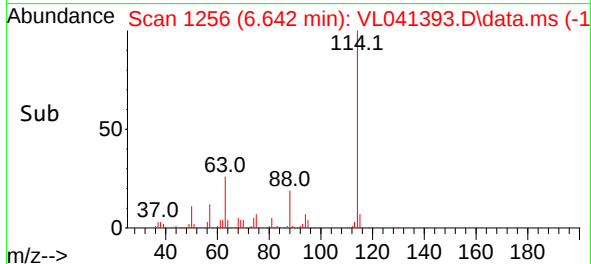
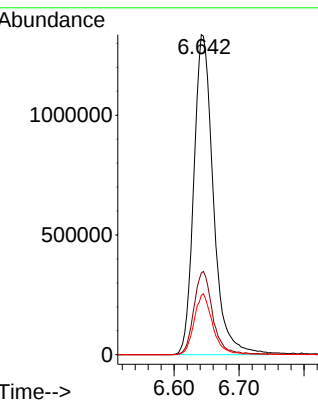
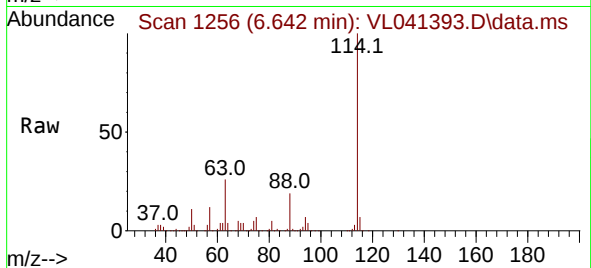
88 18.3 14.6 21.8

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.010 min

Lab File: VL041393.D

Acq: 23 Jul 2024 7:34

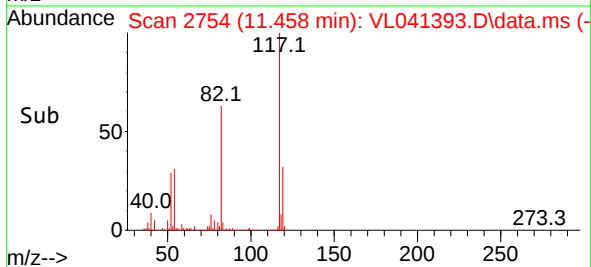
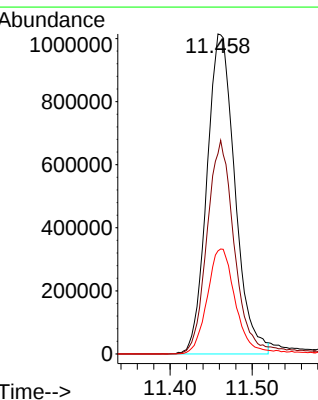
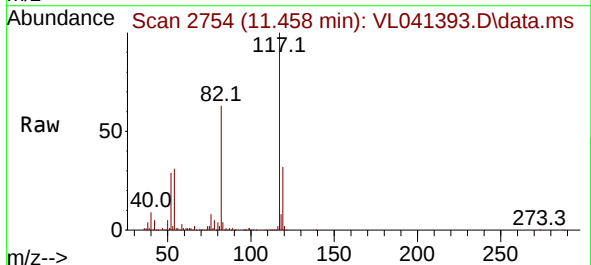
Tgt Ion:117 Resp: 2409489

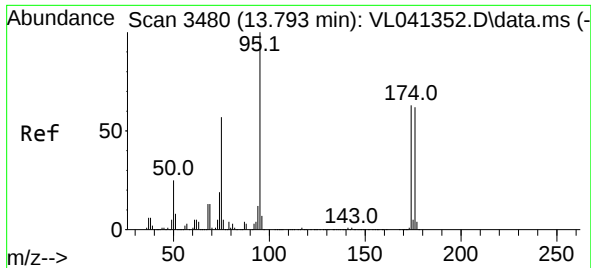
Ion Ratio Lower Upper

117 100

82 67.3 50.6 75.8

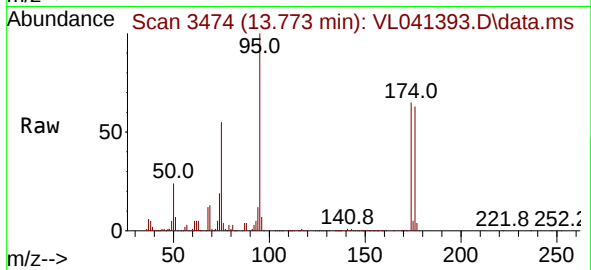
119 34.3 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.201 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. -0.003 min
 Lab File: VL041393.D
 Acq: 23 Jul 2024 7:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 1842154
 Ion Ratio Lower Upper
 95 100
 174 69.8 53.1 79.7
 175 5.1 4.0 6.0

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