

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040082.D
 Acq On : 9 Jan 2023 19:06
 Operator : SY/MD
 Sample : QC122922 CAN 10609
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122922 CAN 10609

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 01:21:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	877989	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2400588	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2095535	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1705144	10.652	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%
Target Compounds						
20) Methylene Chloride	3.922	84	26491m	0.459	ppbv	Qvalue

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

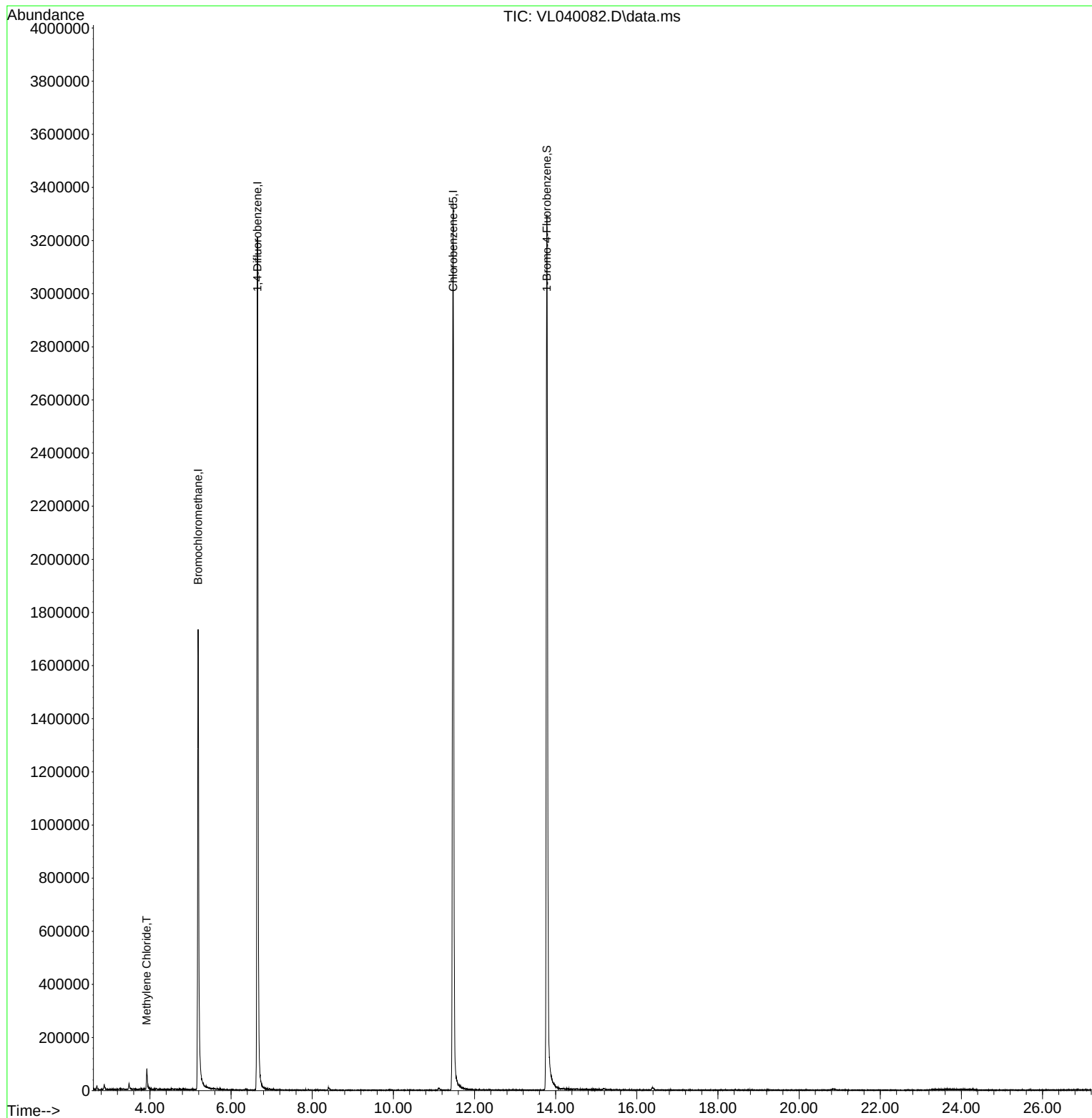
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
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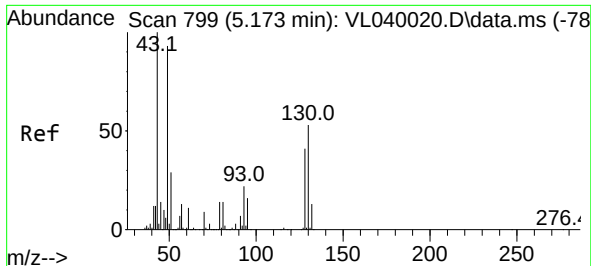
Instrument :
MSVOA_L
ClientSampleId :
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Quant Time: Jan 10 01:21:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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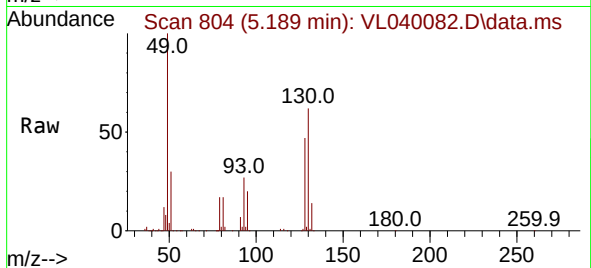
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. 0.004 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

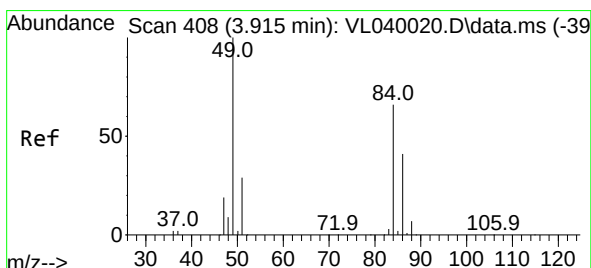
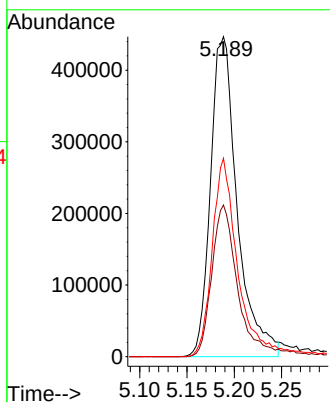
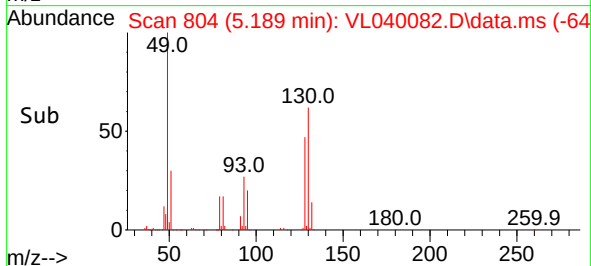
Instrument :
MSVOA_L
ClientSampleId :
QC122922 CAN 10609



Tgt Ion: 49 Resp: 877989
Ion Ratio Lower Upper
49 100
128 47.4 22.4 67.3
130 61.8 28.9 86.8

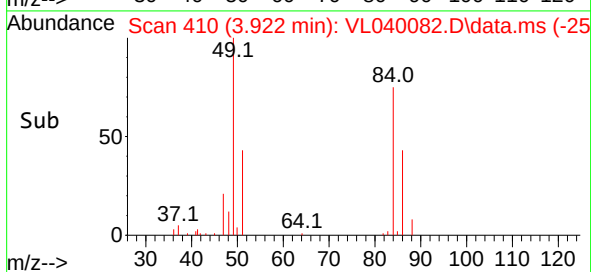
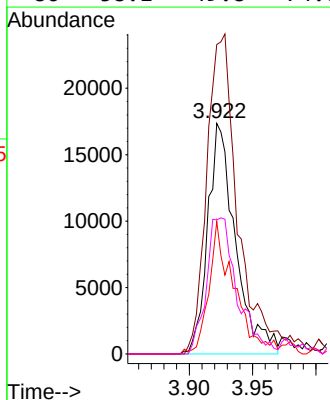
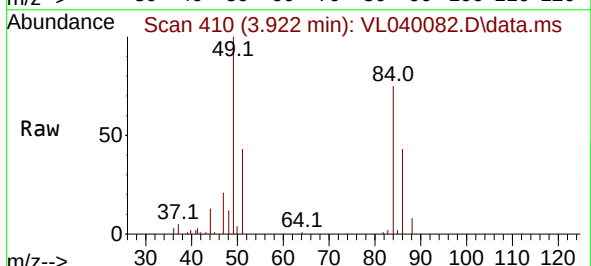
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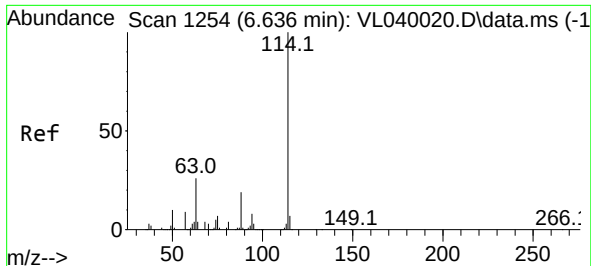
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#20
Methylene Chloride
Concen: 0.459 ppbv m
RT: 3.922 min Scan# 410
Delta R.T. 0.000 min
Lab File: VL040082.D
Acq: 9 Jan 2023 19:06

Tgt Ion: 84 Resp: 26491
Ion Ratio Lower Upper
84 100
49 134.1 120.5 180.7
51 57.5 35.2 52.8#
86 58.1 49.8 74.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040082.D

Acq: 9 Jan 2023 19:06

Instrument :

MSVOA_L

ClientSampleId :

QC122922 CAN 10609

Tgt Ion:114 Resp: 240058

Ion Ratio Lower Upper

114 100

63 25.8 20.2 30.2

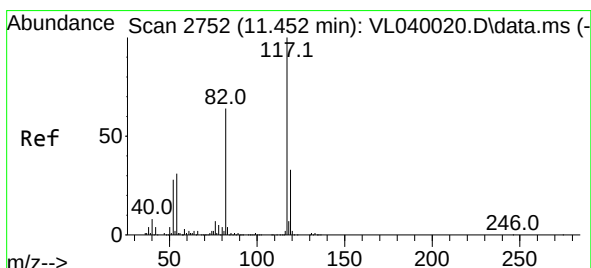
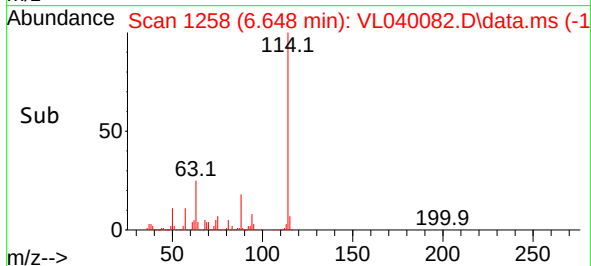
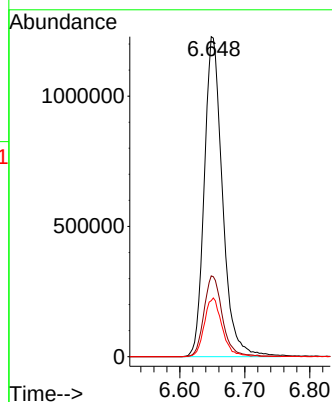
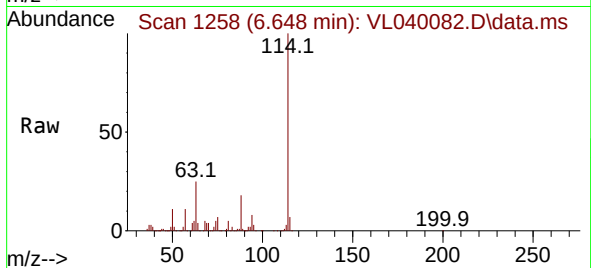
88 18.1 14.6 21.8

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2759

Delta R.T. 0.000 min

Lab File: VL040082.D

Acq: 9 Jan 2023 19:06

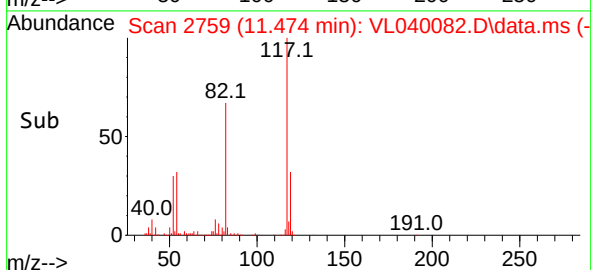
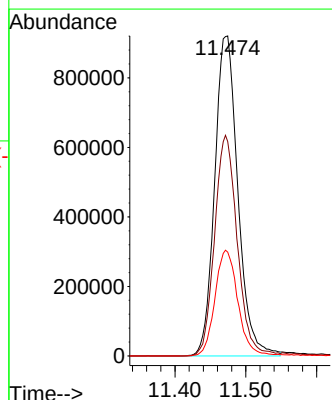
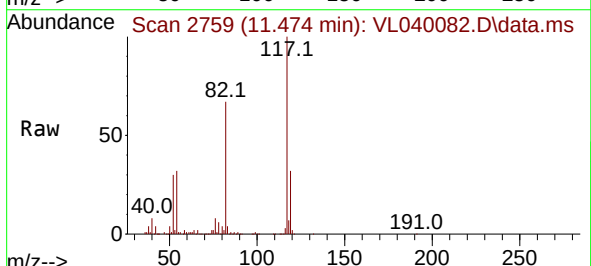
Tgt Ion:117 Resp: 2095535

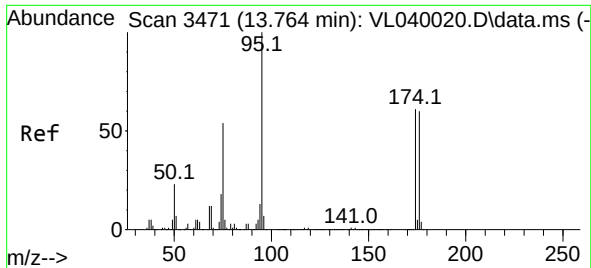
Ion Ratio Lower Upper

117 100

82 68.4 51.2 76.8

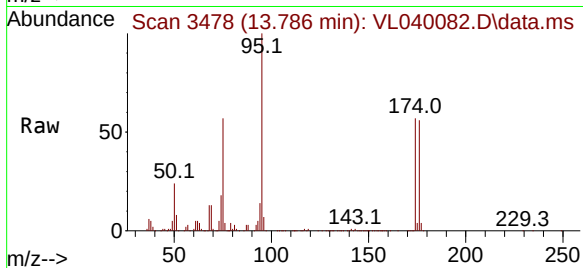
119 32.9 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.652 ppbv
 RT: 13.786 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL040082.D
 Acq: 9 Jan 2023 19:06

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122922 CAN 10609



Tgt Ion: 95 Resp: 1705144
 Ion Ratio Lower Upper
 95 100
 174 59.0 48.6 73.0
 175 4.3 3.4 5.2

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