

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040208.D
 Acq On : 21 Feb 2023 23:38
 Operator : SY/MD
 Sample : 01627-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:09:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Bromochloromethane	5.192	49	810302	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2060545	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.475	117	1841153	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1526169	10.080	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%
Target Compounds						
5) Vinyl Chloride	2.919	62	1758m	0.036	ppbv	Qvalue

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

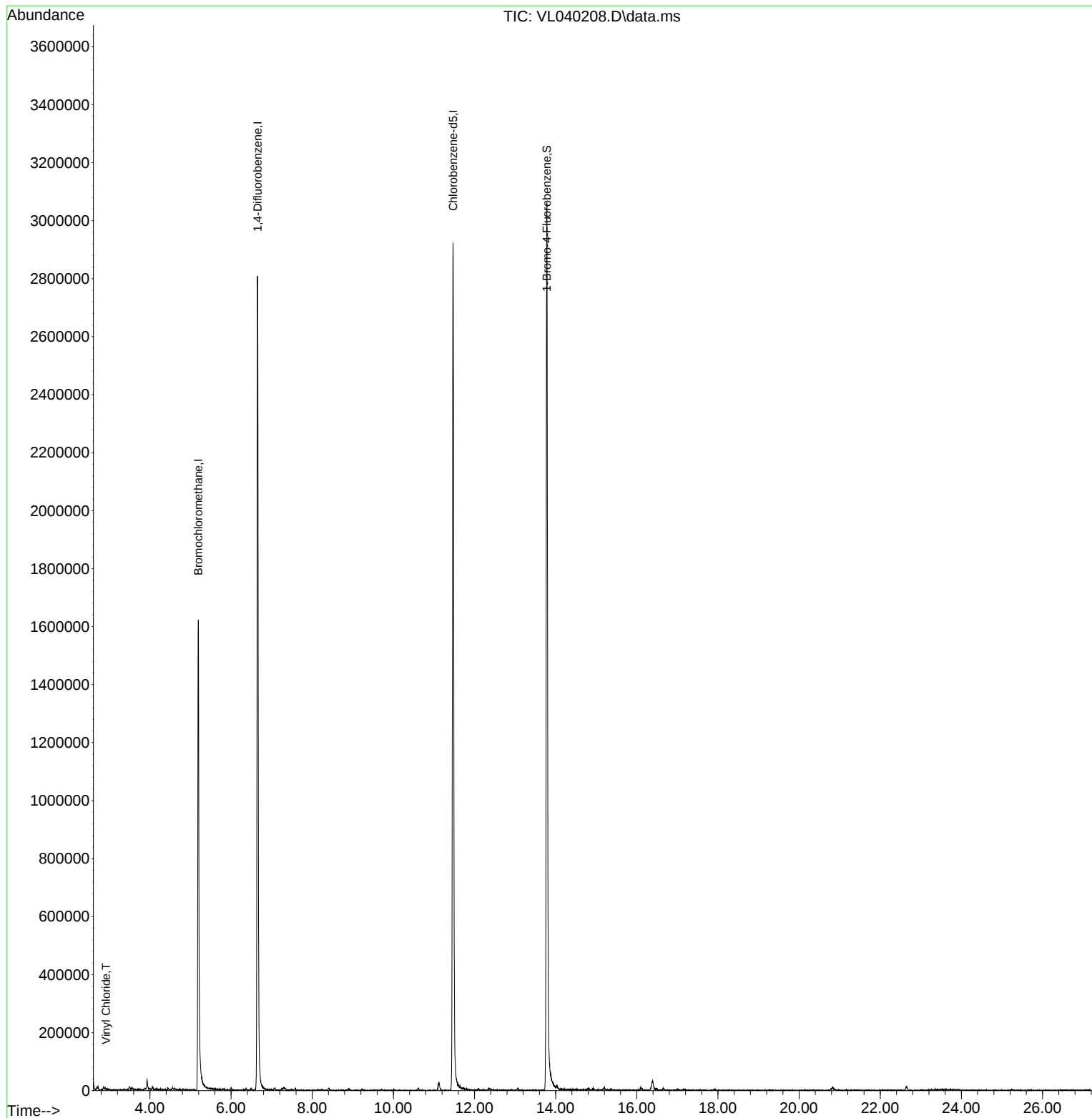
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
Data File : VL040208.D
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Misc : 400mL/MSVOA_L
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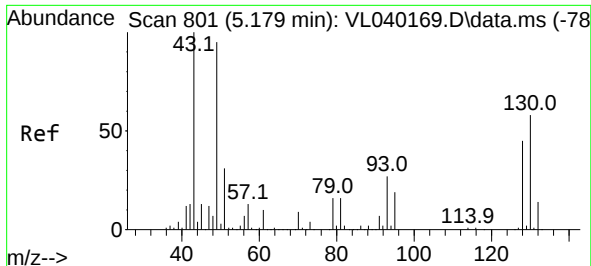
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:09:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration

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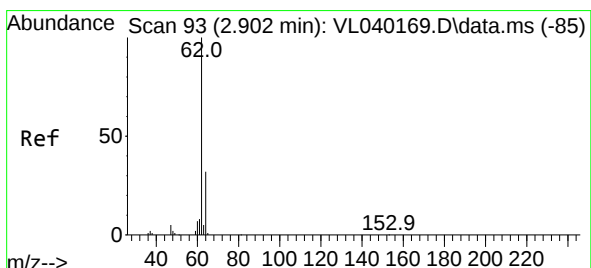
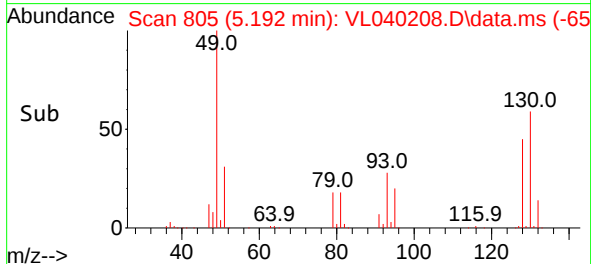
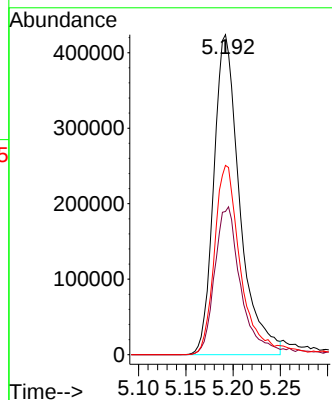
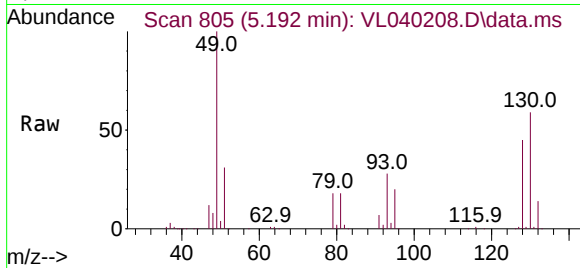
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 49 Resp: 81030
Ion Ratio Lower Upper
49 100
128 49.2 24.1 72.3
130 62.2 30.9 92.8

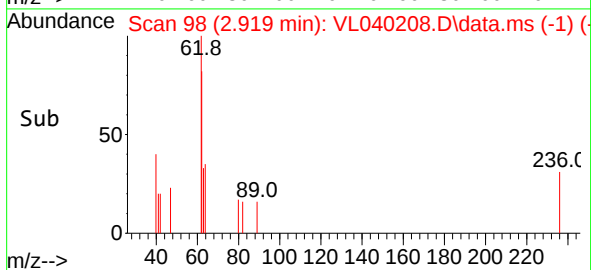
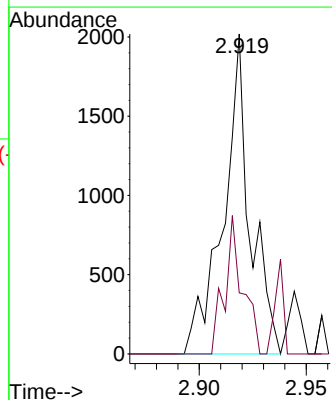
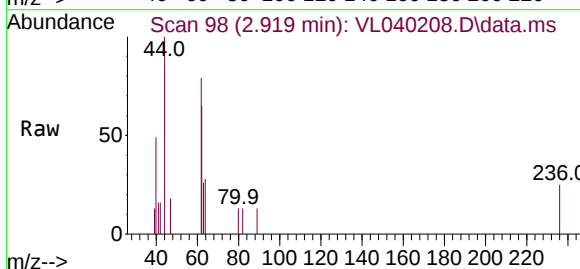
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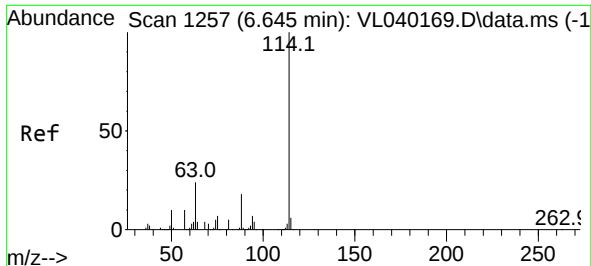
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#5
Vinyl Chloride
Concen: 0.036 ppbv m
RT: 2.919 min Scan# 98
Delta R.T. -0.003 min
Lab File: VL040208.D
Acq: 21 Feb 2023 23:38

Tgt Ion: 62 Resp: 1758
Ion Ratio Lower Upper
62 100
64 0.0 25.6 38.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. -0.022 min

Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

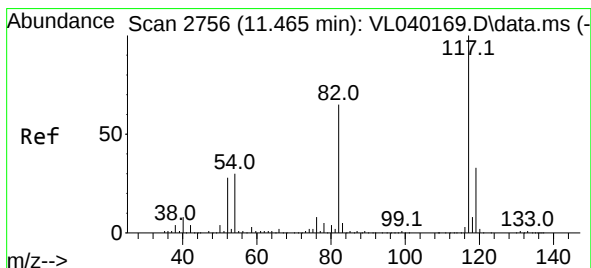
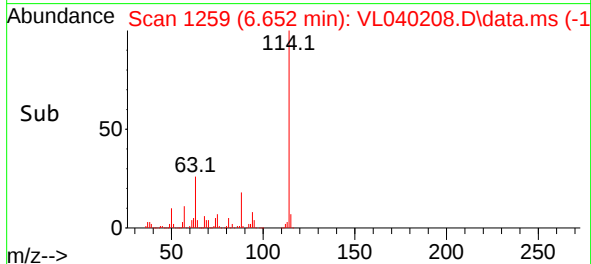
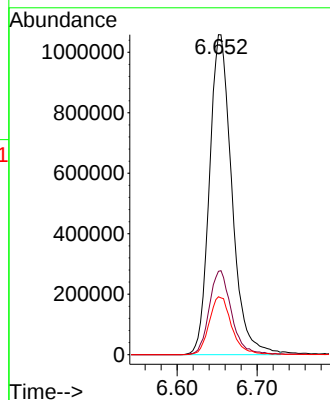
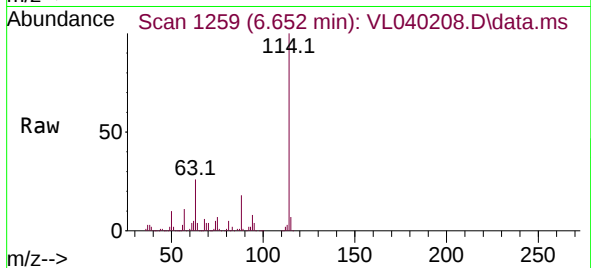
Tgt Ion:114 Resp: 206054

Ion	Ratio	Lower	Upper
114	100		
63	26.4	20.4	30.6
88	18.3	14.3	21.5

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2759

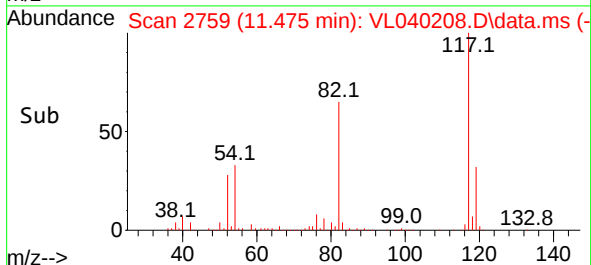
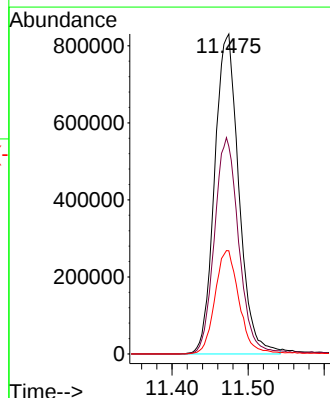
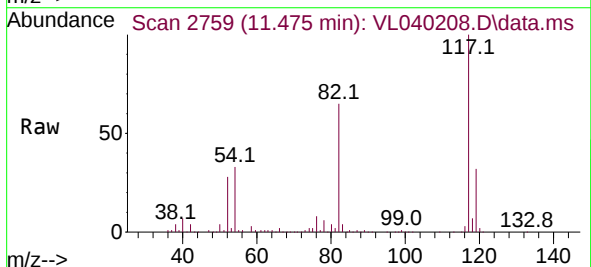
Delta R.T. -0.019 min

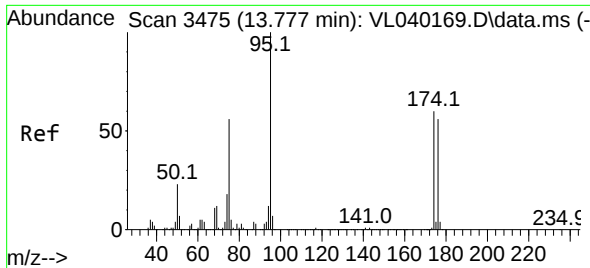
Lab File: VL040208.D

Acq: 21 Feb 2023 23:38

Tgt Ion:117 Resp: 1841153

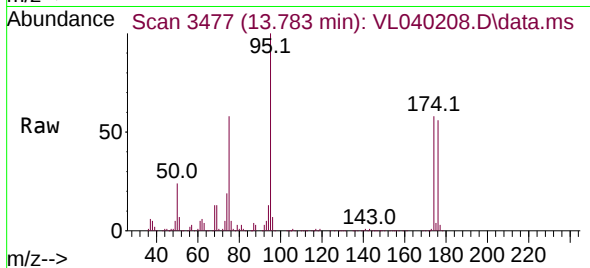
Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.3	79.9
119	32.6	24.6	37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.080 ppbv
 RT: 13.783 min Scan# 3475
 Delta R.T. -0.022 min
 Lab File: VL040208.D
 Acq: 21 Feb 2023 23:38

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 95 Resp: 1526169
 Ion Ratio Lower Upper
 95 100
 174 59.1 48.2 72.2
 175 4.0 3.4 5.2

Manual Integrations
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