

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040331.D
 Acq On : 10 Apr 2023 18:55
 Operator : SY/MD
 Sample : 02213-14 LOQ 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:08:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	878810	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.626	114	2165863	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	1963097	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1637983	9.964	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
32) 1,1,1-Trichloroethane	5.986	97	4272m	0.031	ppbv	Qvalue

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

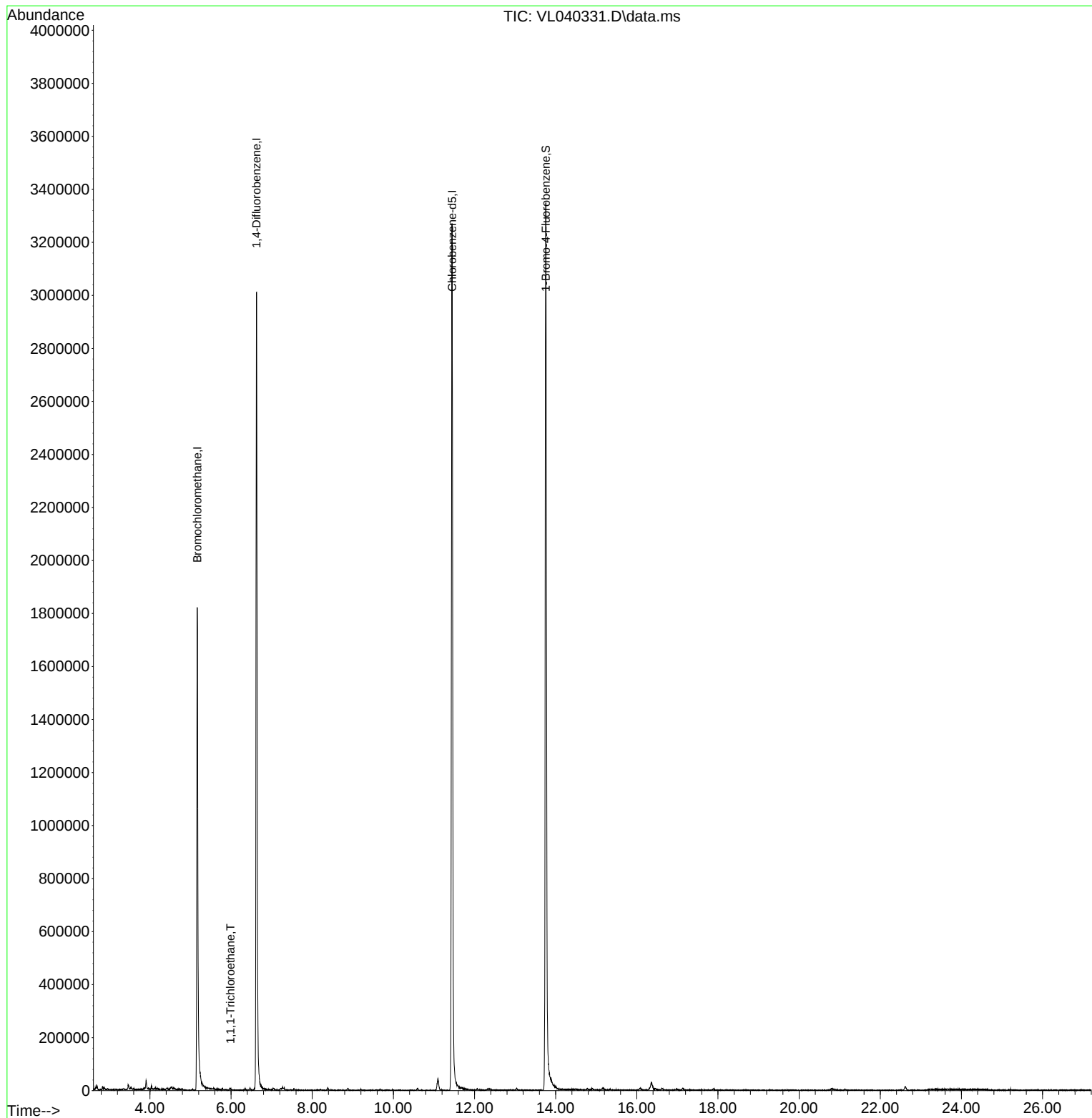
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
Data File : VL040331.D
Acq On : 10 Apr 2023 18:55
Operator : SY/MD
Sample : 02213-14 LOQ 0.03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

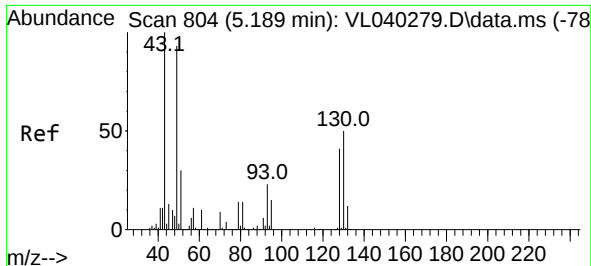
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Quant Time: Apr 11 02:08:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration

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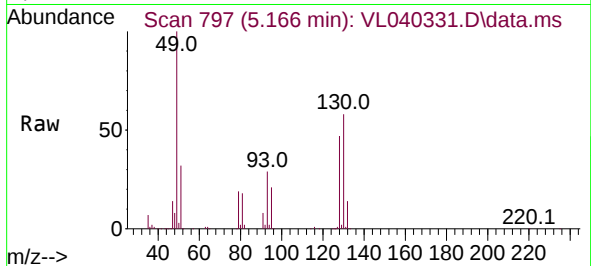
Reviewed By : Semsettin Yesilyurt 04/11/2023
Supervised By : Mahesh Dadoda 04/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 797
Delta R.T. -0.023 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55

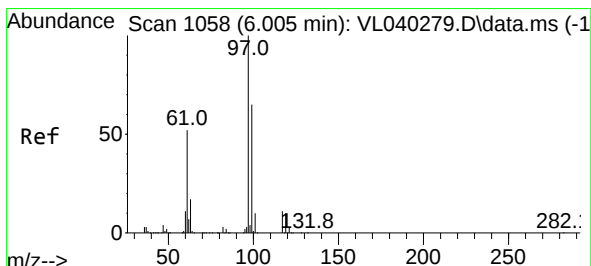
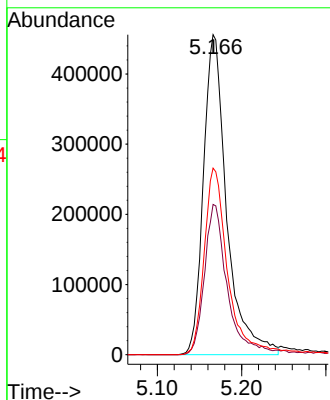
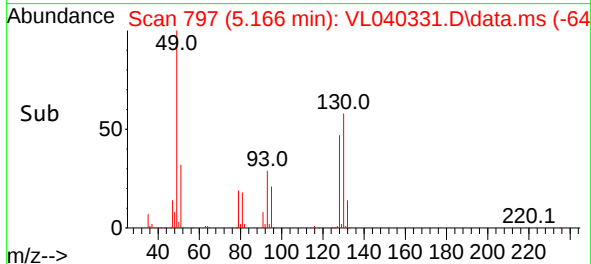
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



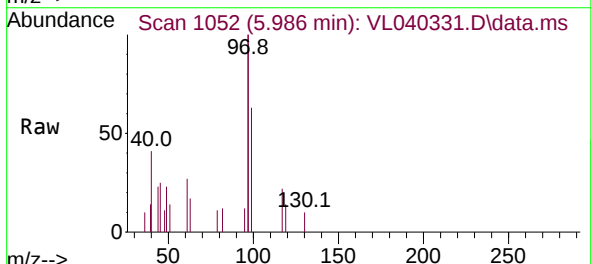
Tgt Ion: 49 Resp: 878810
Ion Ratio Lower Upper
49 100
128 47.6 22.4 67.3
130 60.5 28.7 86.1

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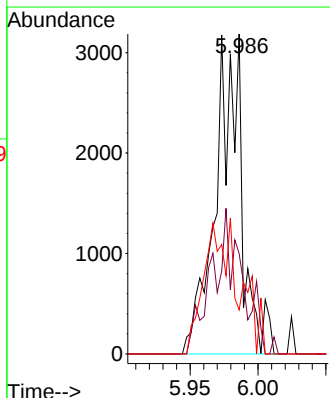
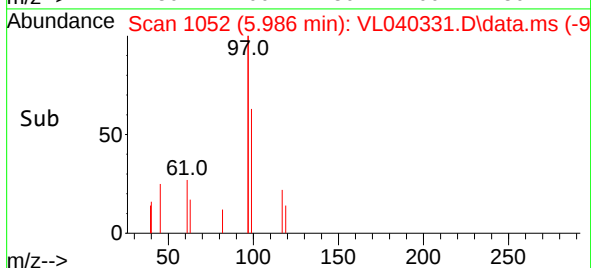
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

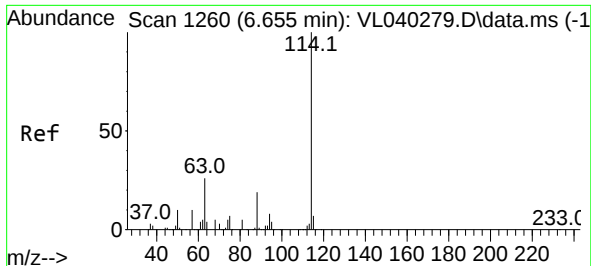


#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 5.986 min Scan# 1052
Delta R.T. -0.019 min
Lab File: VL040331.D
Acq: 10 Apr 2023 18:55



Tgt Ion: 97 Resp: 4272
Ion Ratio Lower Upper
97 100
99 52.2 52.2 78.2
61 55.1 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

Tgt Ion:114 Resp: 216586

Ion Ratio Lower Upper

114 100

63 26.9 21.2 31.8

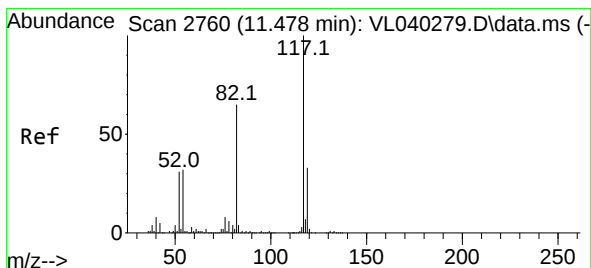
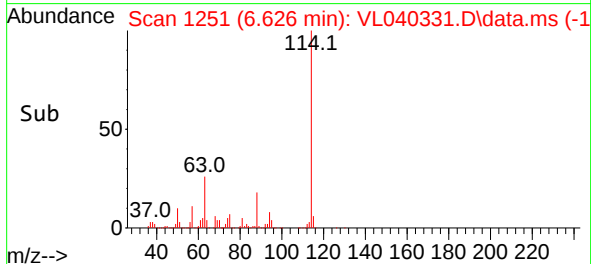
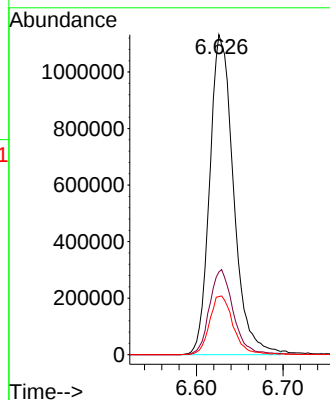
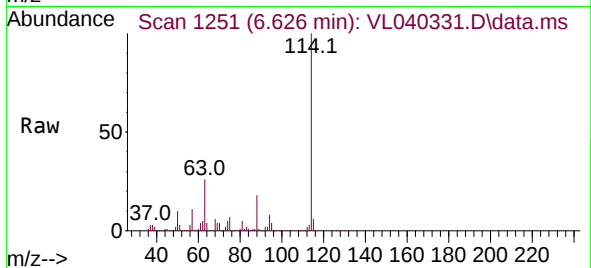
88 18.4 14.5 21.7

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.446 min Scan# 2750

Delta R.T. -0.032 min

Lab File: VL040331.D

Acq: 10 Apr 2023 18:55

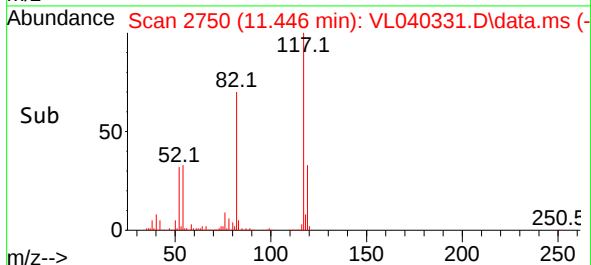
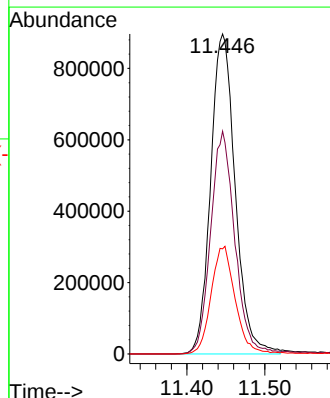
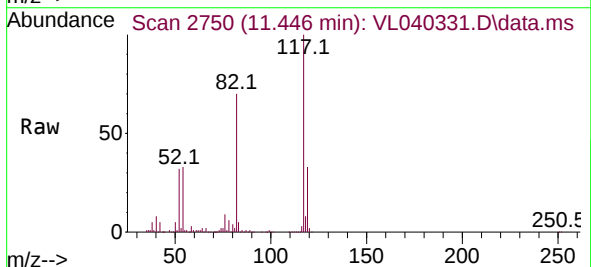
Tgt Ion:117 Resp: 1963097

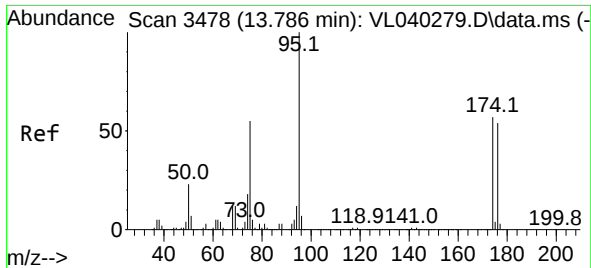
Ion Ratio Lower Upper

117 100

82 69.0 51.4 77.2

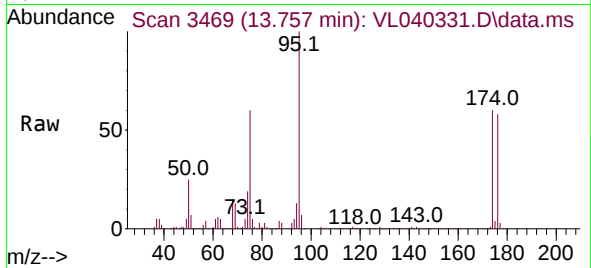
119 33.1 24.0 36.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.964 ppbv
 RT: 13.757 min Scan# 3478
 Delta R.T. -0.029 min
 Lab File: VL040331.D
 Acq: 10 Apr 2023 18:55

Instrument : MSVOA_L
 ClientSampleId :
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Tgt Ion: 95 Resp: 163798
 Ion Ratio Lower Upper
 95 100
 174 59.9 47.0 70.6
 175 4.2 3.4 5.2

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