

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102422\
 Data File : VL039763.D
 Acq On : 24 Oct 2022 17:07
 Operator : SY/AP
 Sample : VSTDICC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.03

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 24 19:35:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Oct 24 17:14:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	924846	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2461364	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2087350	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1485887	10.028	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%
Target Compounds						
32) 1,1,1-Trichloroethane	6.012	97	4517m	0.036	ppbv	Qvalue
63) 1,1,2,2-Tetrachloroethane	13.044	83	3177m	0.041	ppbv	

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

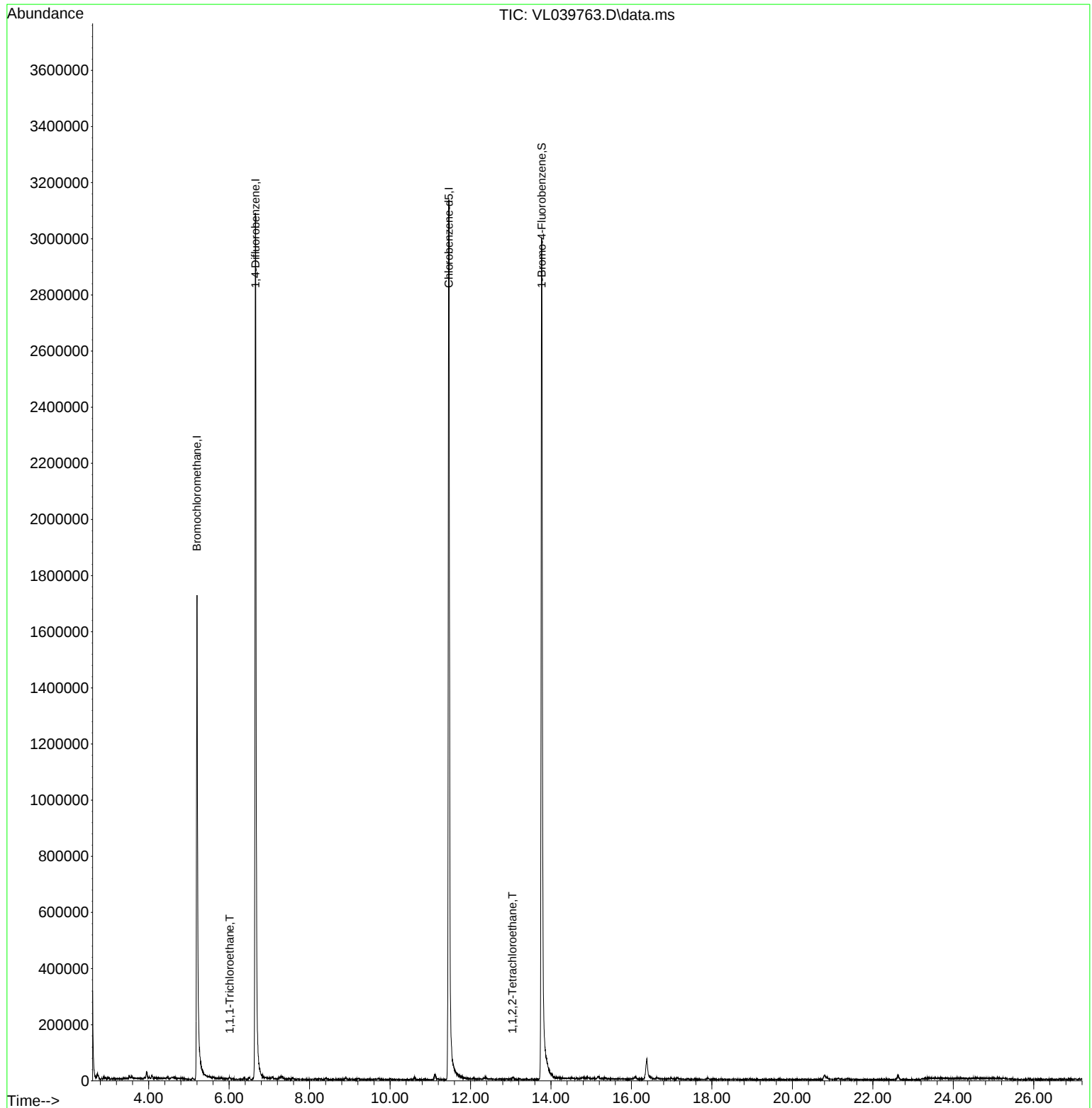
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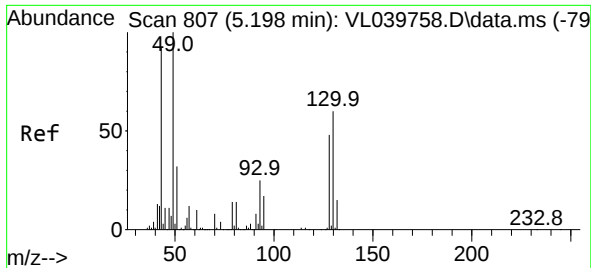
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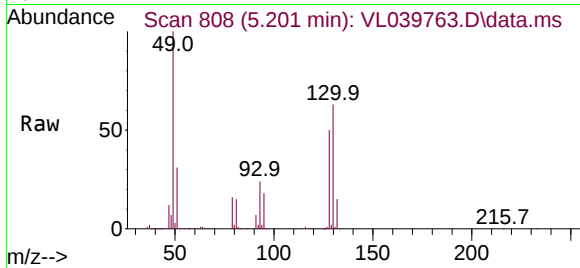
Quant Time: Oct 24 19:35:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Oct 24 17:14:55 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 807
Delta R.T. 0.006 min
Lab File: VL039763.D
Acq: 24 Oct 2022 17:07

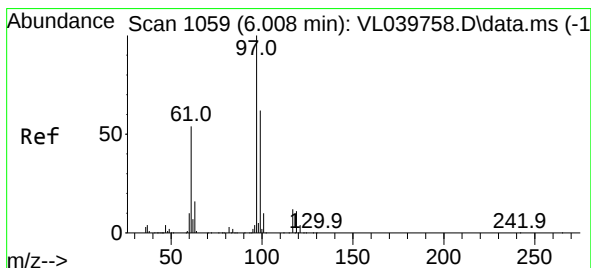
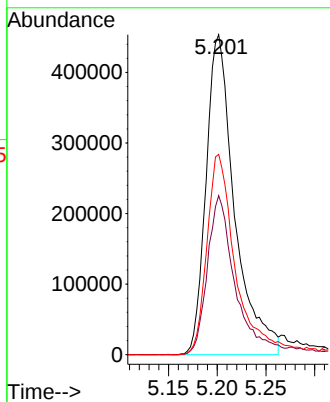
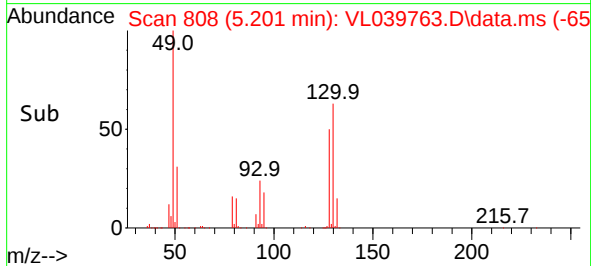
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.03



Tgt Ion: 49 Resp: 924840
Ion Ratio Lower Upper
49 100
128 52.2 22.6 67.8
130 67.3 29.0 87.0

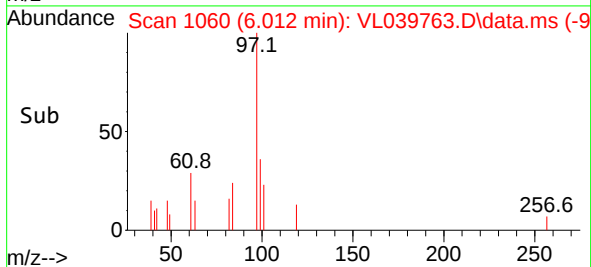
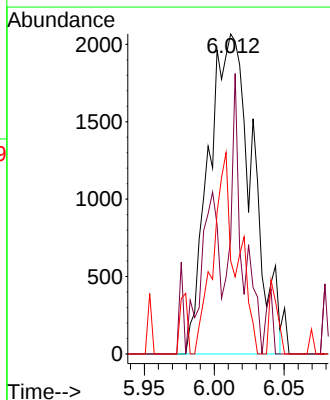
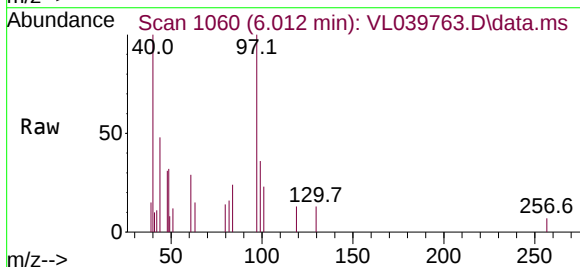
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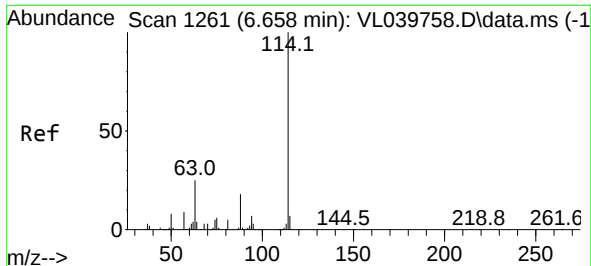
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Supervised By :Mahesh Dadoda 10/31/2022



#32
1,1,1-Trichloroethane
Concen: 0.036 ppbv m
RT: 6.012 min Scan# 1060
Delta R.T. 0.003 min
Lab File: VL039763.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 97 Resp: 4517
Ion Ratio Lower Upper
97 100
99 50.1 53.0 79.4#
61 41.3 43.3 64.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL039763.D

Acq: 24 Oct 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.03

Tgt Ion:114 Resp: 2461364

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

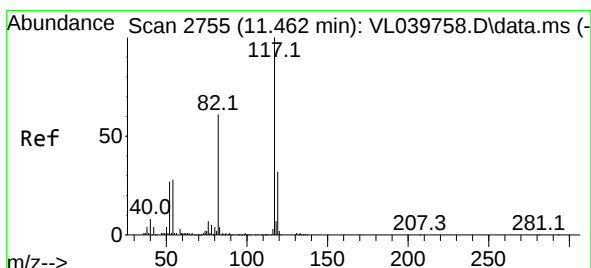
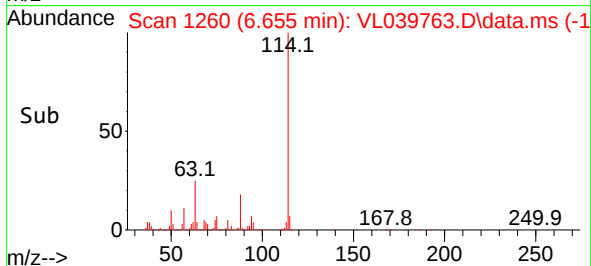
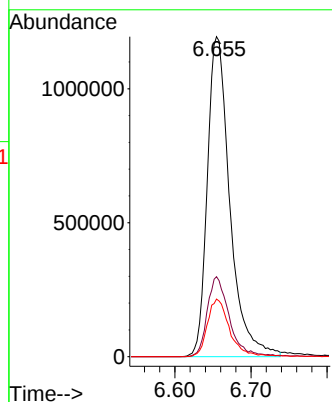
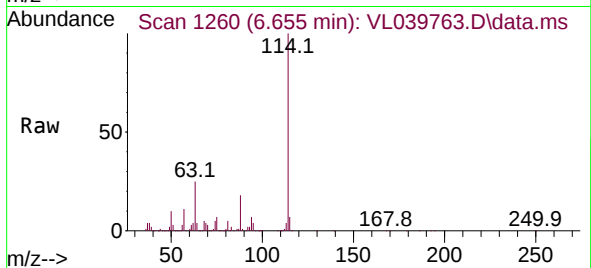
88 18.0 14.2 21.4

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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: VL039763.D

Acq: 24 Oct 2022 17:07

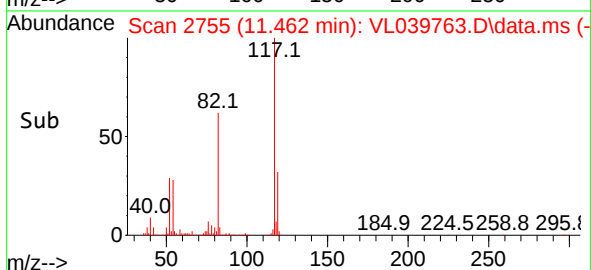
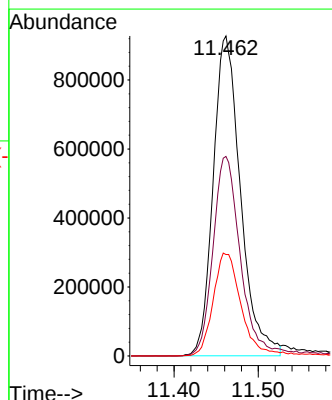
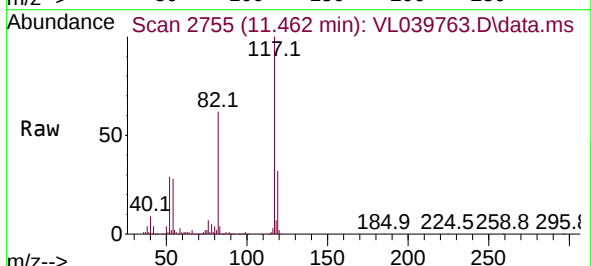
Tgt Ion:117 Resp: 2087350

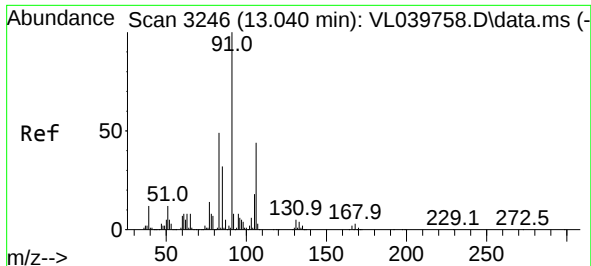
Ion Ratio Lower Upper

117 100

82 64.0 51.4 77.0

119 33.7 24.6 36.8





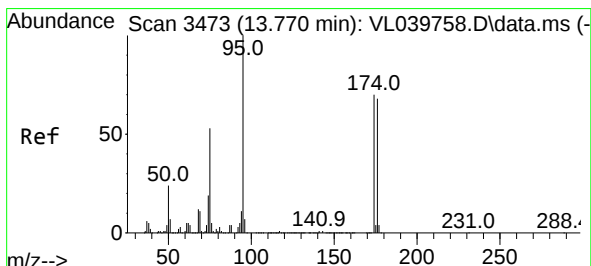
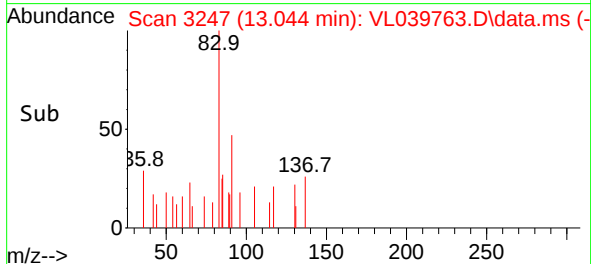
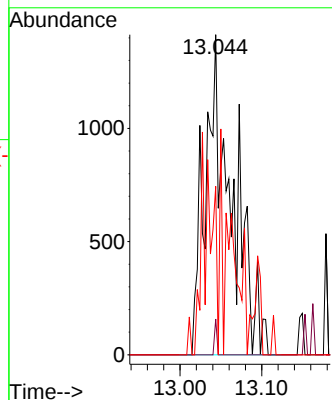
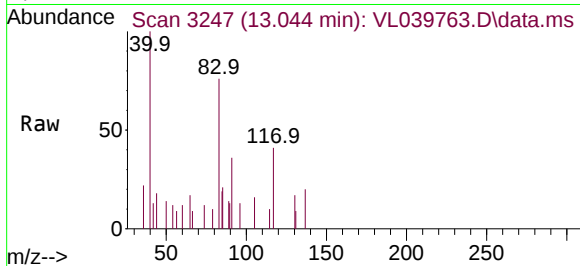
#63
1,1,2,2-Tetrachloroethane
Concen: 0.041 ppbv m
RT: 13.044 min Scan# 317
Delta R.T. 0.007 min
Lab File: VL039763.D
Acq: 24 Oct 2022 17:07

Instrument :
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ClientSampleId :
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Tgt Ion: 83 Resp: 317
Ion Ratio Lower Upper
83 100
131 0.9 4.9 14.7
85 0.0 32.8 98.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.028 ppbv
RT: 13.767 min Scan# 3472
Delta R.T. 0.000 min
Lab File: VL039763.D
Acq: 24 Oct 2022 17:07

Tgt Ion: 95 Resp: 1485887
Ion Ratio Lower Upper
95 100
174 73.2 56.5 84.7
175 5.2 4.2 6.4

