

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041656.D
 Acq On : 10 Oct 2024 23:58
 Operator : SY/MD
 Sample : P4368-13 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Oct 11 08:09:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Bromochloromethane	5.172	49	951807	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2673622	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2387802	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1756744	9.994	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
						Qvalue
32) 1,1,1-Trichloroethane	5.992	97	4013m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	3693m	0.033	ppbv	

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

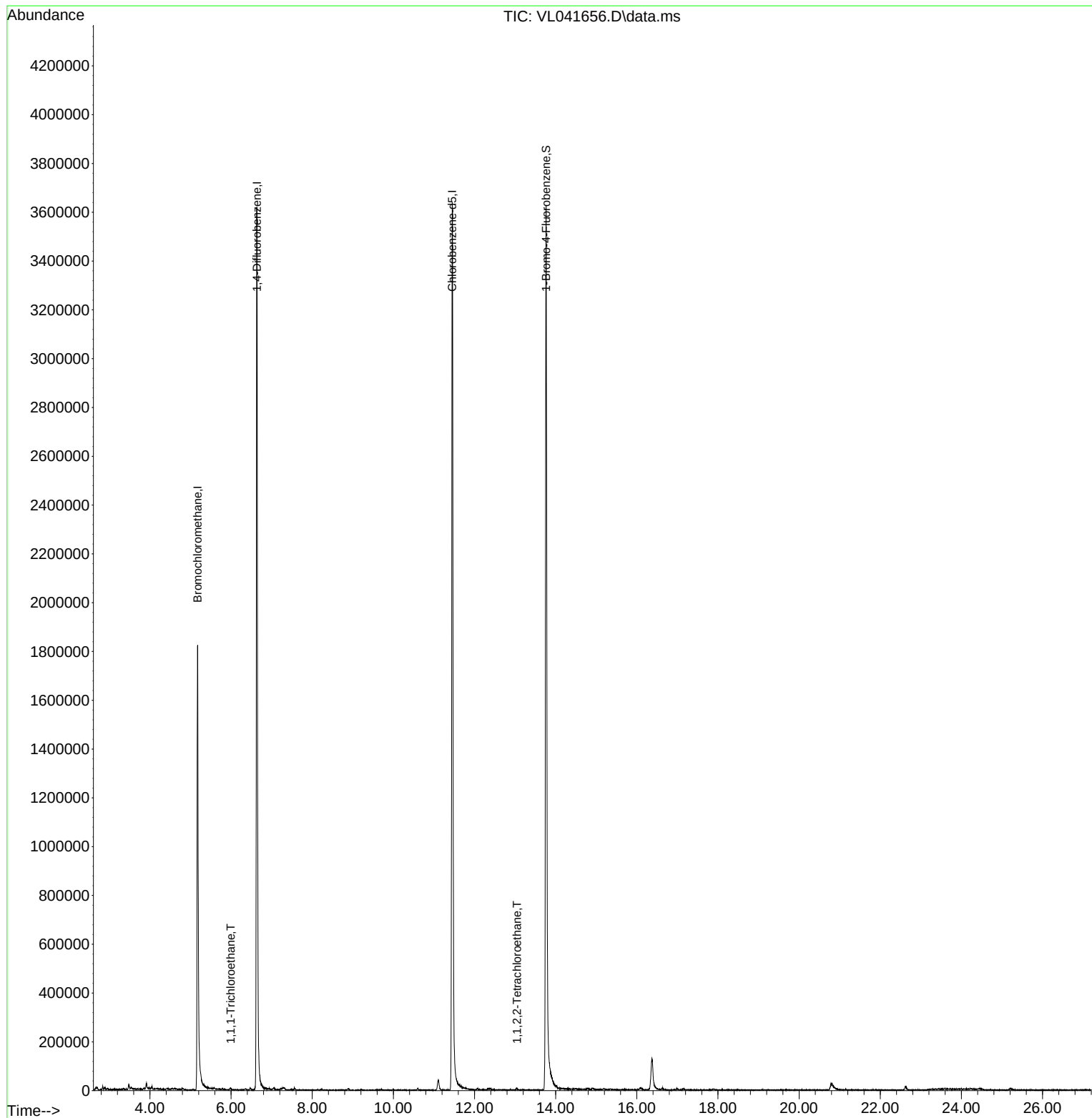
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
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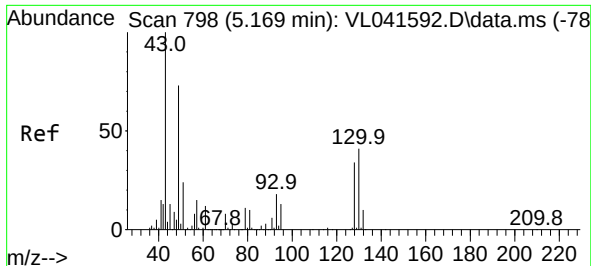
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

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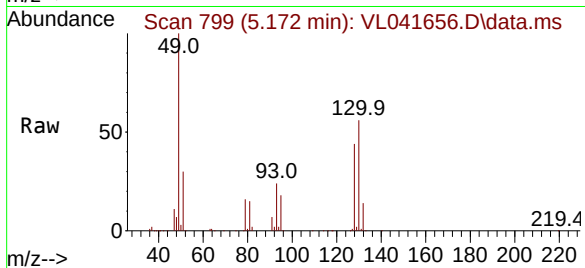
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 798
Delta R.T. 0.003 min
Lab File: VL041656.D
Acq: 10 Oct 2024 23:58

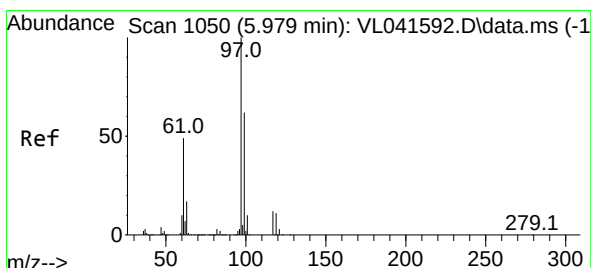
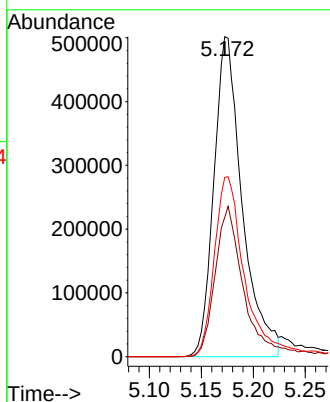
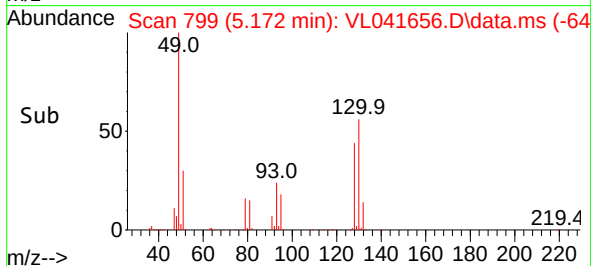
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 95180
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.5
130 62.6 30.4 91.3

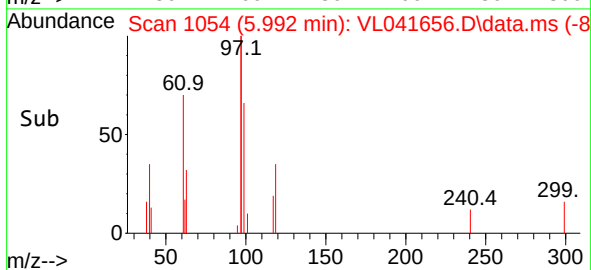
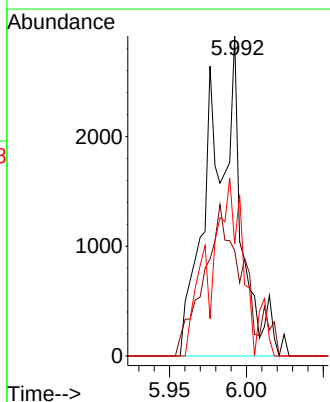
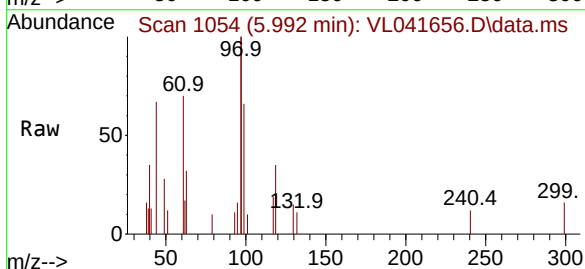
Manual Integrations
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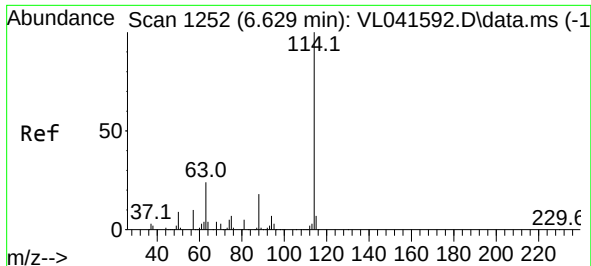
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 0.031 ppbv m
RT: 5.992 min Scan# 1054
Delta R.T. 0.013 min
Lab File: VL041656.D
Acq: 10 Oct 2024 23:58

Tgt Ion: 97 Resp: 4013
Ion Ratio Lower Upper
97 100
99 61.3 51.0 76.4
61 63.1 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041656.D

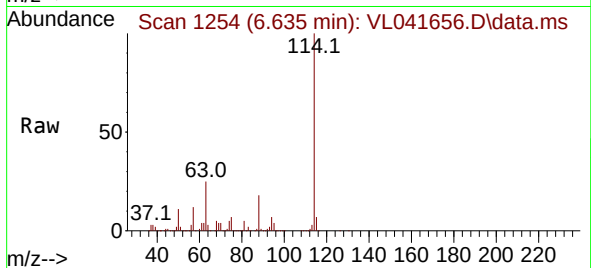
Acq: 10 Oct 2024 23:58

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



Tgt Ion:114 Resp: 267362

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

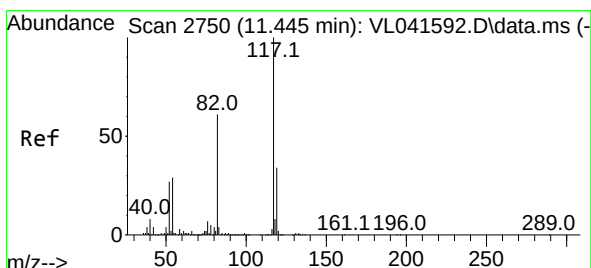
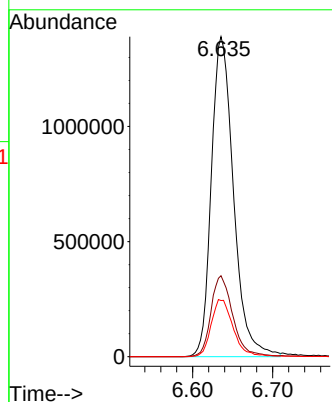
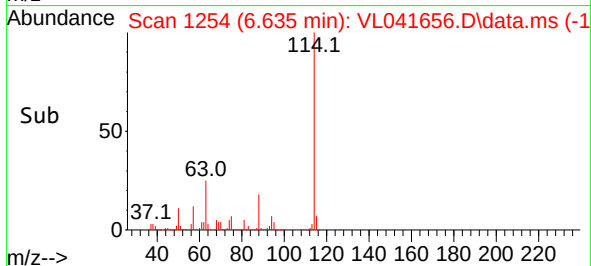
88 17.9 14.2 21.4

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. 0.007 min

Lab File: VL041656.D

Acq: 10 Oct 2024 23:58

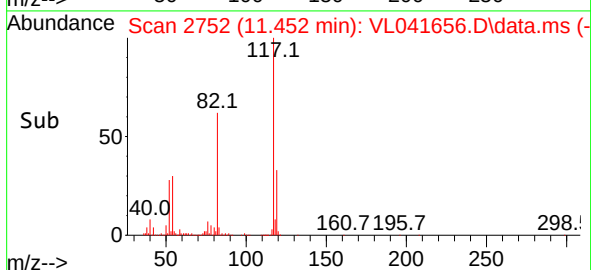
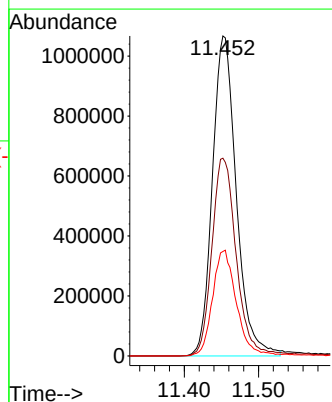
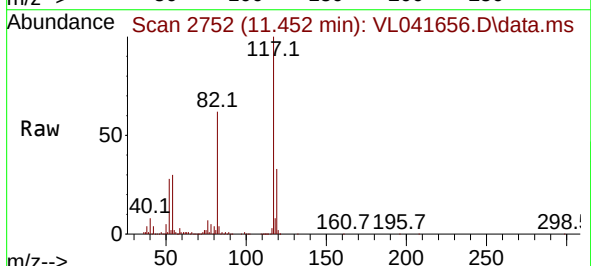
Tgt Ion:117 Resp: 2387802

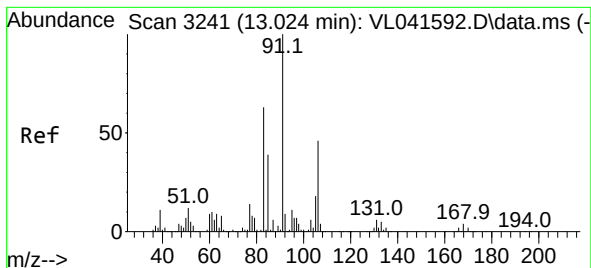
Ion Ratio Lower Upper

117 100

82 64.1 49.4 74.2

119 33.5 24.4 36.6





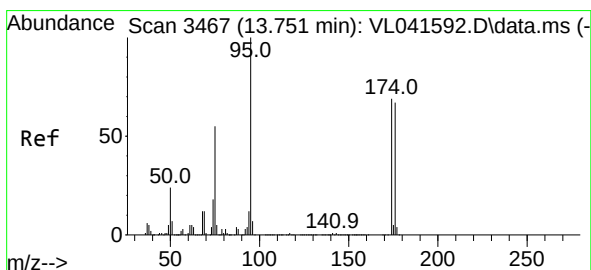
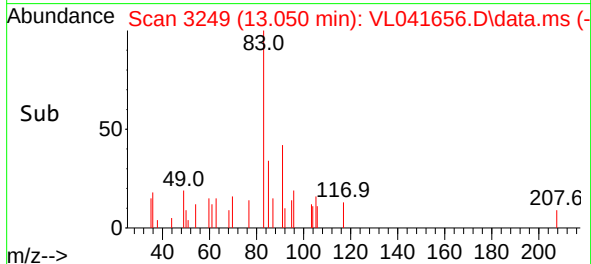
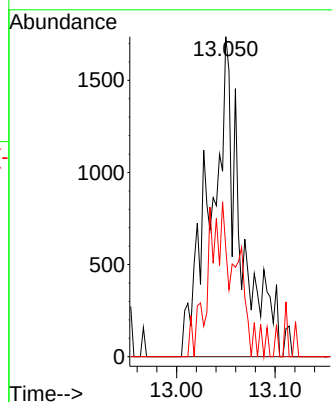
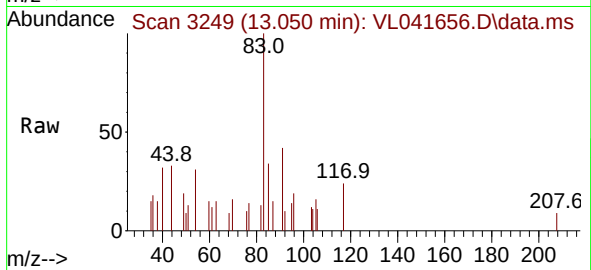
#63
1,1,2,2-Tetrachloroethane
Concen: 0.033 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL041656.D
Acq: 10 Oct 2024 23:58

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 83 Resp: 369
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 0.0 32.5 97.4

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.994 ppbv
RT: 13.764 min Scan# 3471
Delta R.T. 0.013 min
Lab File: VL041656.D
Acq: 10 Oct 2024 23:58

Tgt Ion: 95 Resp: 1756744
Ion Ratio Lower Upper
95 100
174 71.4 55.8 83.8
175 5.1 4.1 6.1

