

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
Data File : VL041616.D
Acq On : 18 Sep 2024 21:20
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024

Quant Time: Sep 19 03:40:24 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.198	49	953140	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.655	114	2606503	10.000	ppbv	0.03
55) Chlorobenzene-d5	11.465	117	2311244	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1622471	9.536	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
20) Methylene Chloride	3.951	84	7333m	0.163	ppbv	Qvalue

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

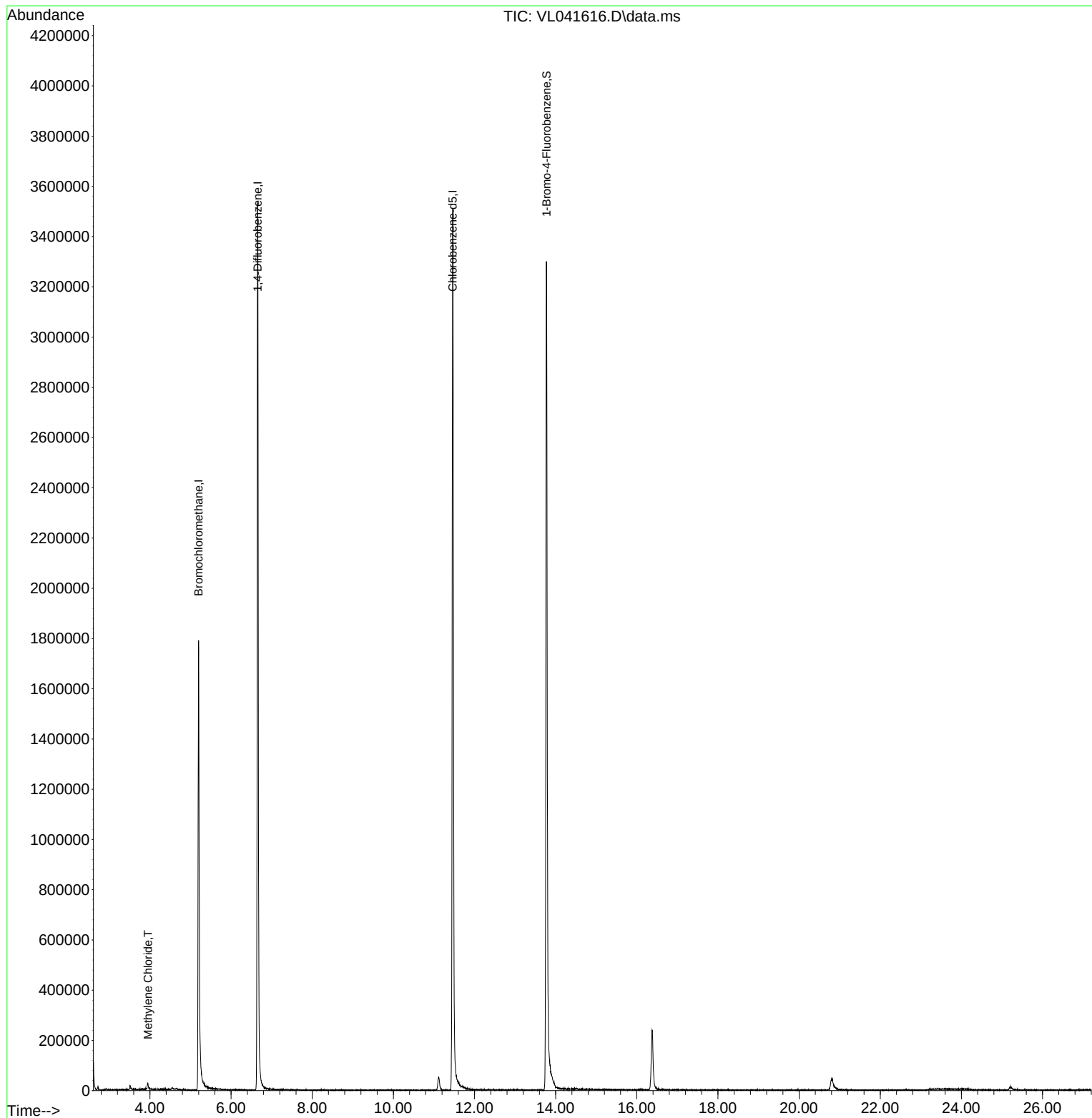
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091824\
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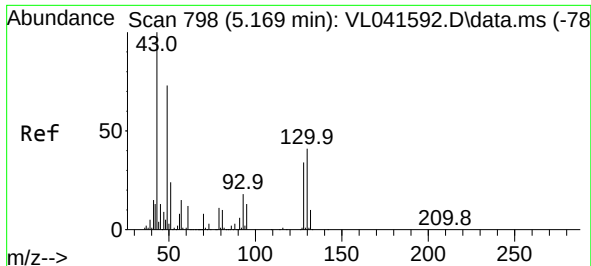
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Sep 17 09:12:21 2024
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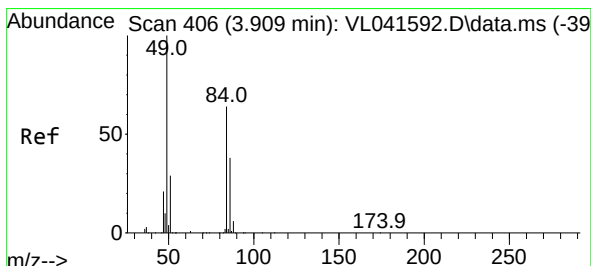
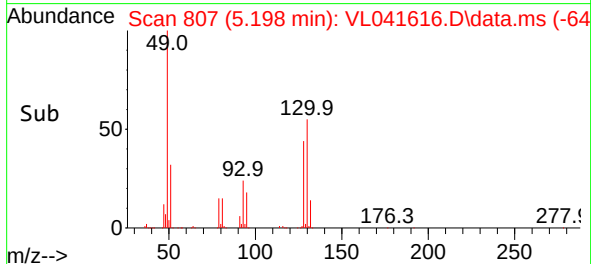
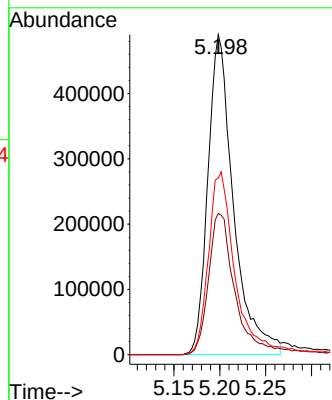
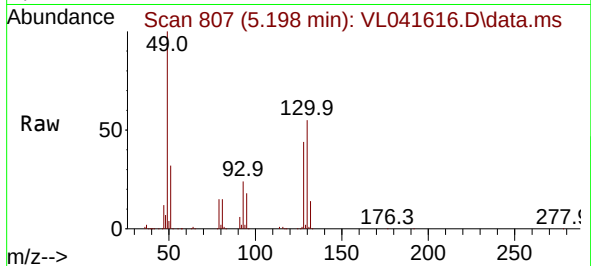
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 49 Resp: 953140
Ion Ratio Lower Upper
49 100
128 47.9 23.8 71.5
130 61.6 30.4 91.3

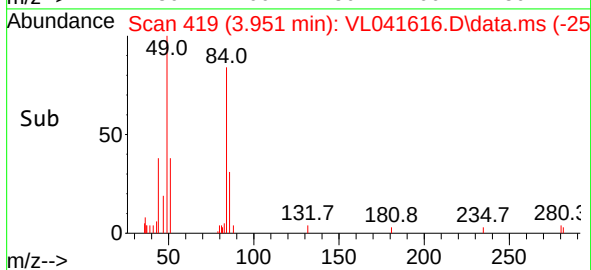
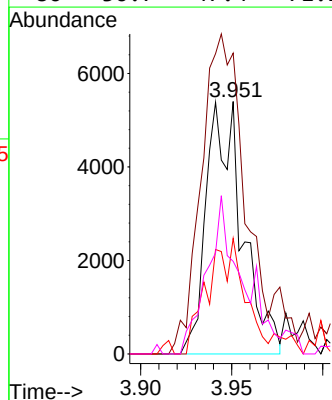
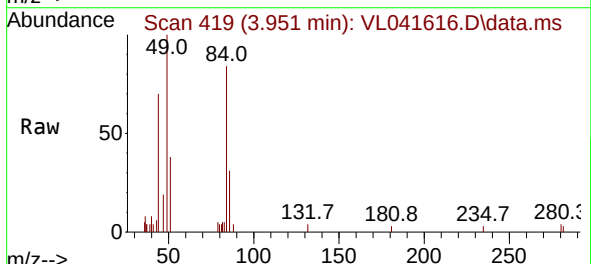
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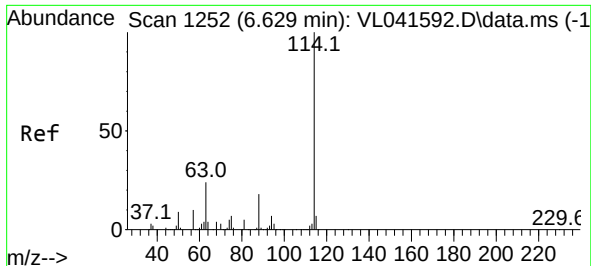
Reviewed By :Semsettin Yesilyurt 09/19/2024
Supervised By :Mahesh Dadoda 09/19/2024



#20
Methylene Chloride
Concen: 0.163 ppbv m
RT: 3.951 min Scan# 419
Delta R.T. 0.042 min
Lab File: VL041616.D
Acq: 18 Sep 2024 21:20

Tgt Ion: 84 Resp: 7333
Ion Ratio Lower Upper
84 100
49 119.1 124.3 186.5#
51 45.8 36.3 54.5
86 36.7 47.4 71.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.026 min

Lab File: VL041616.D

Acq: 18 Sep 2024 21:20

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

Tgt Ion:114 Resp: 260650

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

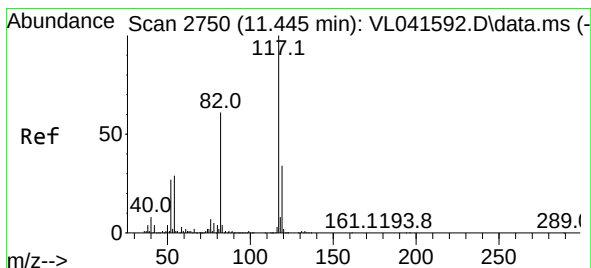
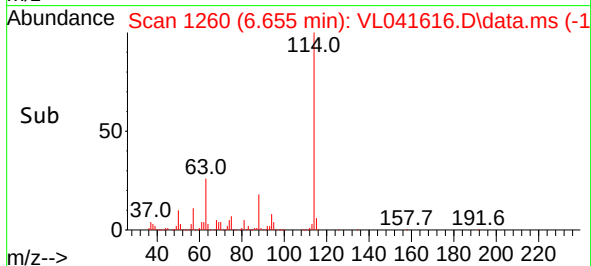
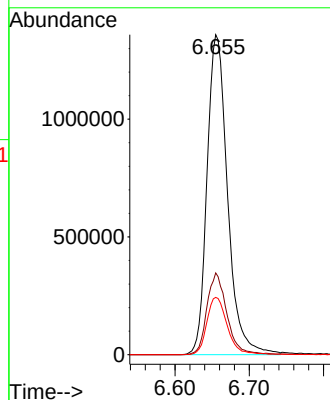
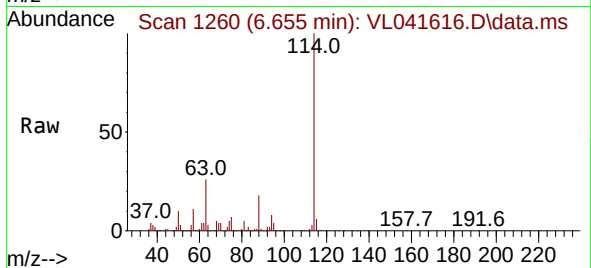
88 18.0 14.2 21.4

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.465 min Scan# 2756

Delta R.T. 0.019 min

Lab File: VL041616.D

Acq: 18 Sep 2024 21:20

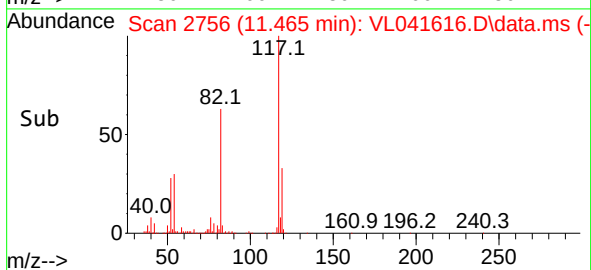
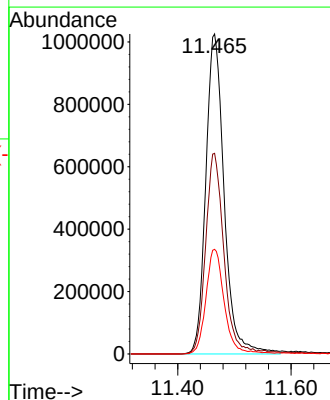
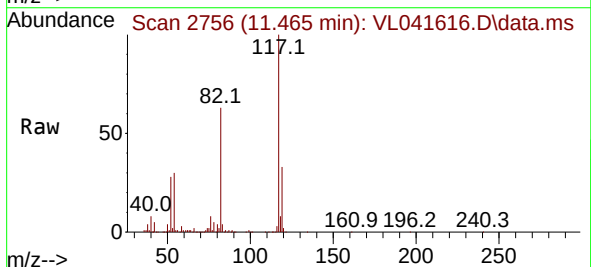
Tgt Ion:117 Resp: 2311244

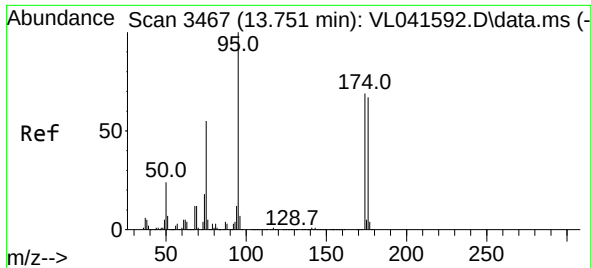
Ion Ratio Lower Upper

117 100

82 63.6 49.4 74.2

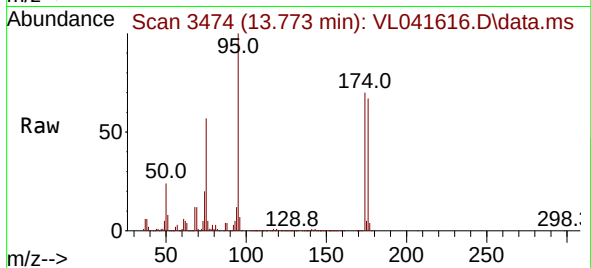
119 33.2 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.536 ppbv
 RT: 13.773 min Scan# 3467
 Delta R.T. 0.023 min
 Lab File: VL041616.D
 Acq: 18 Sep 2024 21:20

Instrument :
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Tgt Ion: 95 Resp: 162247
 Ion Ratio Lower Upper
 95 100
 174 71.2 55.8 83.8
 175 5.3 4.1 6.1

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