

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039952.D
 Acq On : 1 Dec 2022 21:36
 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 12/02/2022
 Supervised By :Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:35:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 05:29:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.160	49	1155356	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.619	114	3217147	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.436	117	2910503	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.748	95	2292062	10.310	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.100%
Target Compounds						
52) Tetrachloroethene	10.590	164	6818m	0.067	ppbv	Qvalue

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

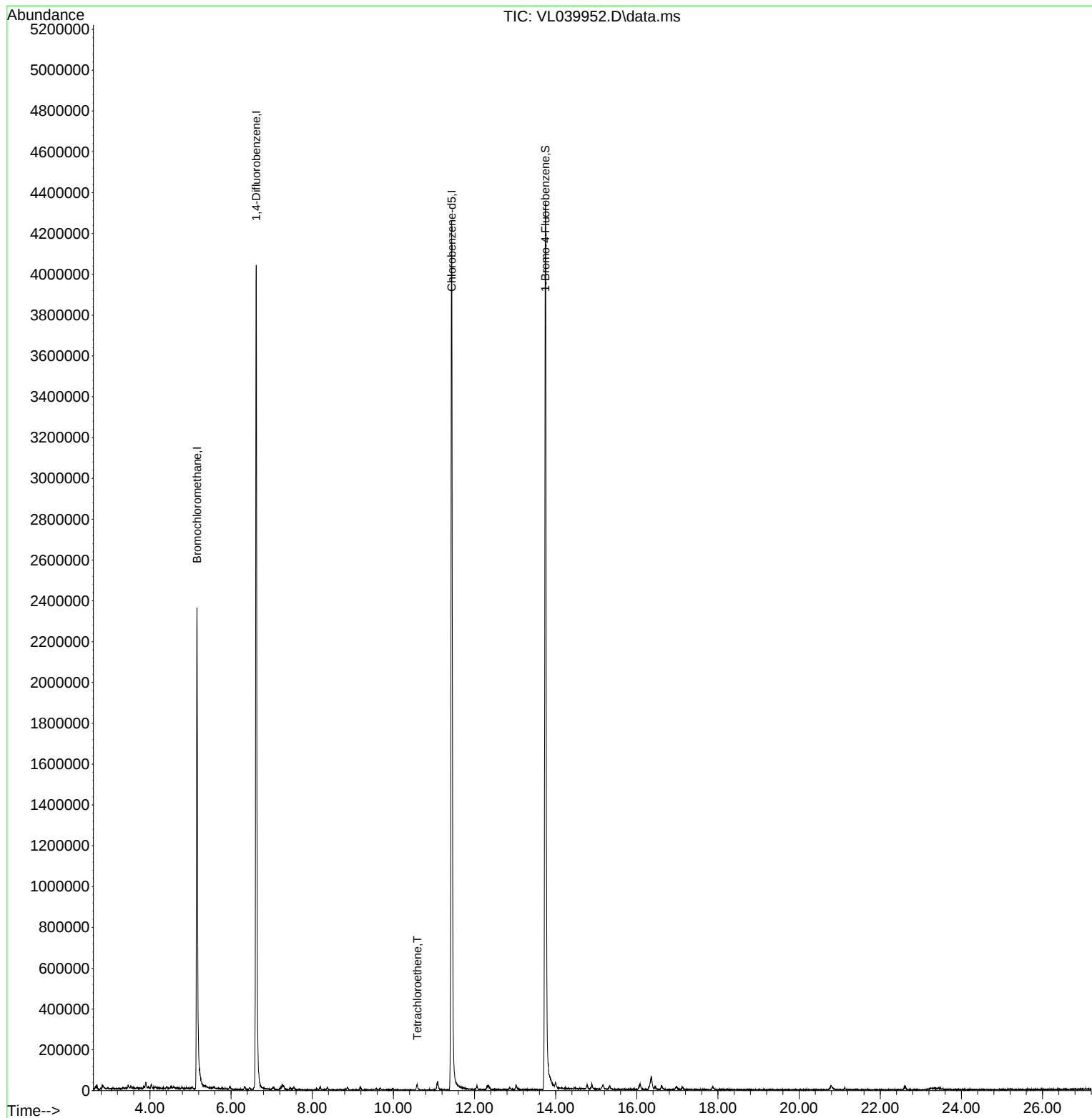
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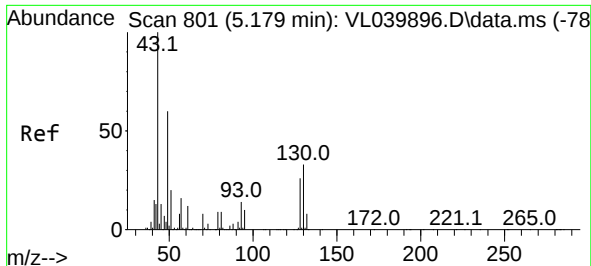
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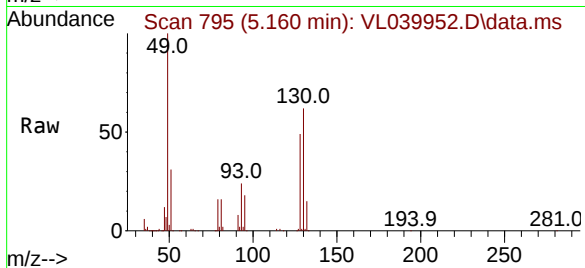
Quant Time: Dec 02 05:35:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 05:29:35 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 74
Delta R.T. -0.013 min
Lab File: VL039952.D
Acq: 1 Dec 2022 21:36

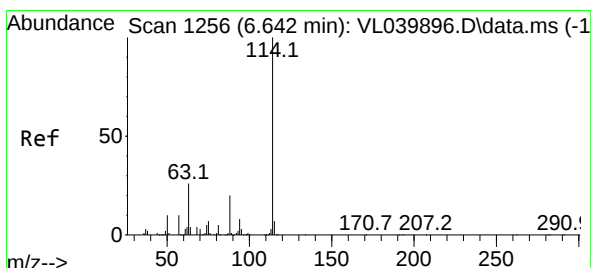
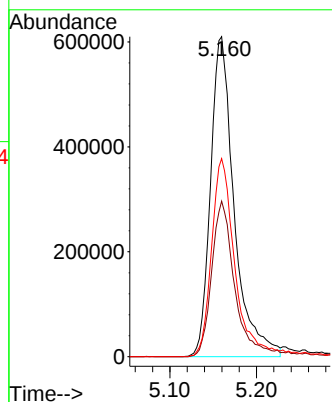
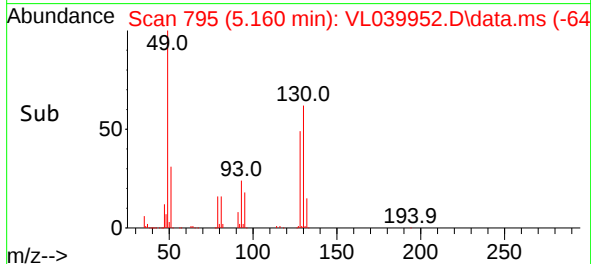
Instrument :
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ClientSampleId :
VIBLK



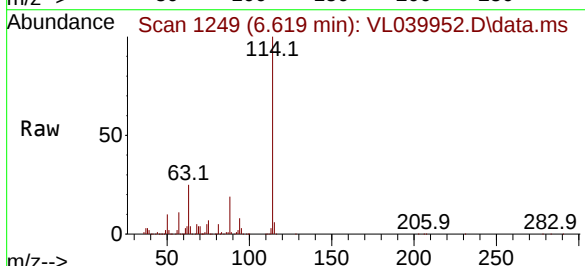
Tgt Ion: 49 Resp: 1155350
Ion Ratio Lower Upper
49 100
128 50.3 22.1 66.3
130 63.6 27.7 83.1

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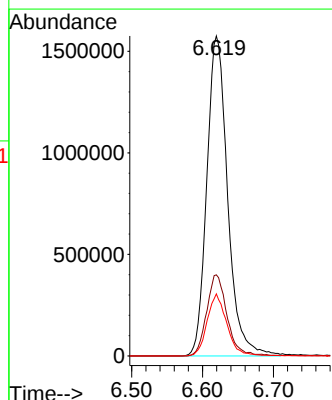
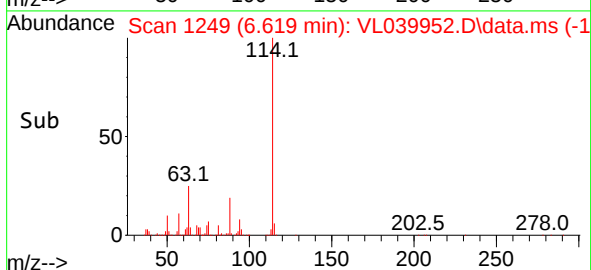
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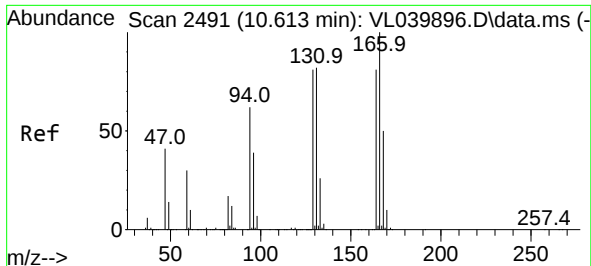


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.619 min Scan# 1249
Delta R.T. -0.016 min
Lab File: VL039952.D
Acq: 1 Dec 2022 21:36



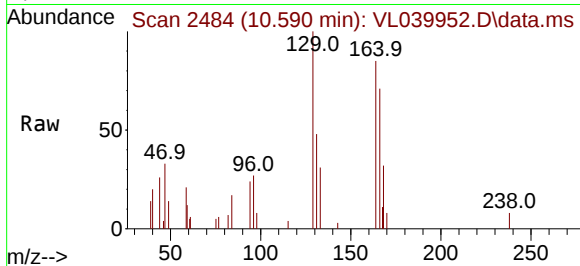
Tgt Ion:114 Resp: 3217147
Ion Ratio Lower Upper
114 100
63 25.0 21.4 32.0
88 18.4 15.3 22.9





#52
Tetrachloroethene
Concen: 0.067 ppbv m
RT: 10.590 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL039952.D
Acq: 1 Dec 2022 21:36

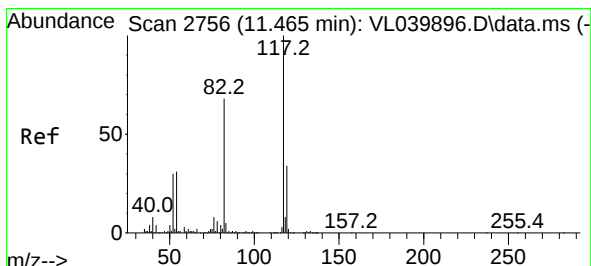
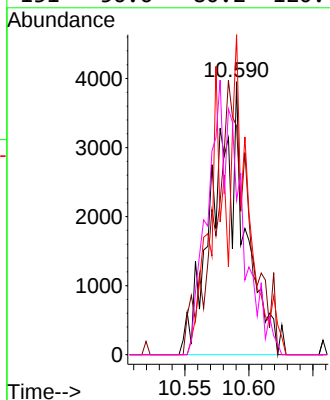
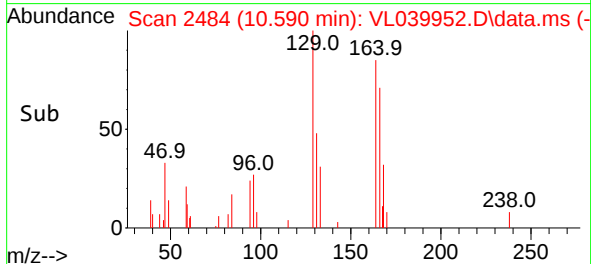
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Tgt Ion:164 Resp: 6818
Ion Ratio Lower Upper
164 100
166 83.7 98.3 147.5
129 117.2 79.7 119.5
131 56.6 80.2 120.4#

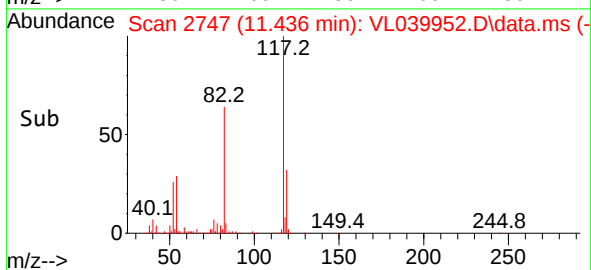
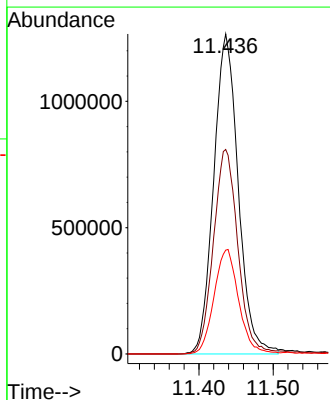
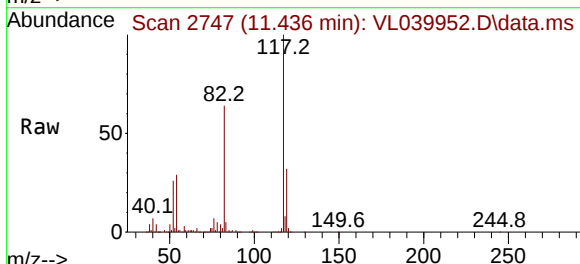
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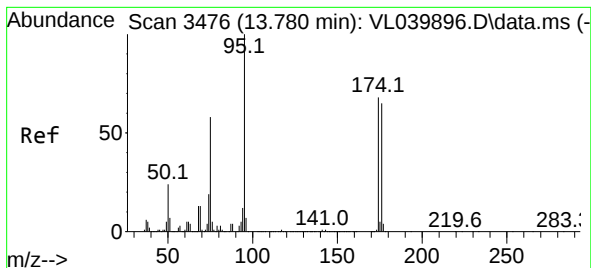
Reviewed By :Semsettin Yesilyurt 12/02/2022
Supervised By :Mahesh Dadoda 12/05/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.016 min
Lab File: VL039952.D
Acq: 1 Dec 2022 21:36

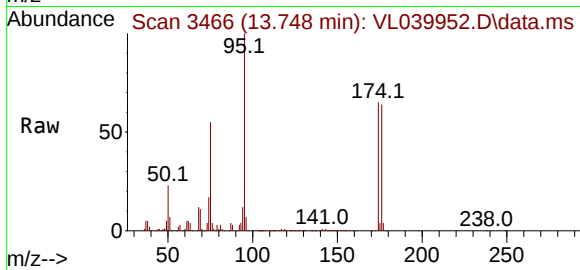
Tgt Ion:117 Resp: 2910503
Ion Ratio Lower Upper
117 100
82 64.6 52.3 78.5
119 33.4 25.7 38.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.310 ppbv
 RT: 13.748 min Scan# 34
 Delta R.T. -0.016 min
 Lab File: VL039952.D
 Acq: 1 Dec 2022 21:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK



Tgt Ion: 95 Resp: 2292062
 Ion Ratio Lower Upper
 95 100
 174 67.6 53.7 80.5
 175 4.9 4.0 6.0

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