

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041020.D
 Acq On : 24 Jan 2024 17:37
 Operator : SY/MD
 Sample : P1187-13 LOD 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2024

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Quant Time: Jan 25 03:21:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Thu Jan 25 03:13:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	985309	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.626	114	2353723	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	1976678	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	1505820	10.086	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.900%
Target Compounds						
					Qvalue	
5) Vinyl Chloride	2.903	62	2499m	0.041	ppbv	
32) 1,1,1-Trichloroethane	5.970	97	5598m	0.034	ppbv	
35) Carbon Tetrachloride	6.456	117	5662m	0.036	ppbv	
38) Trichloroethene	7.256	130	2703m	0.035	ppbv	
52) Tetrachloroethene	10.603	164	2021m	0.031	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.021	83	5811m	0.034	ppbv	

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

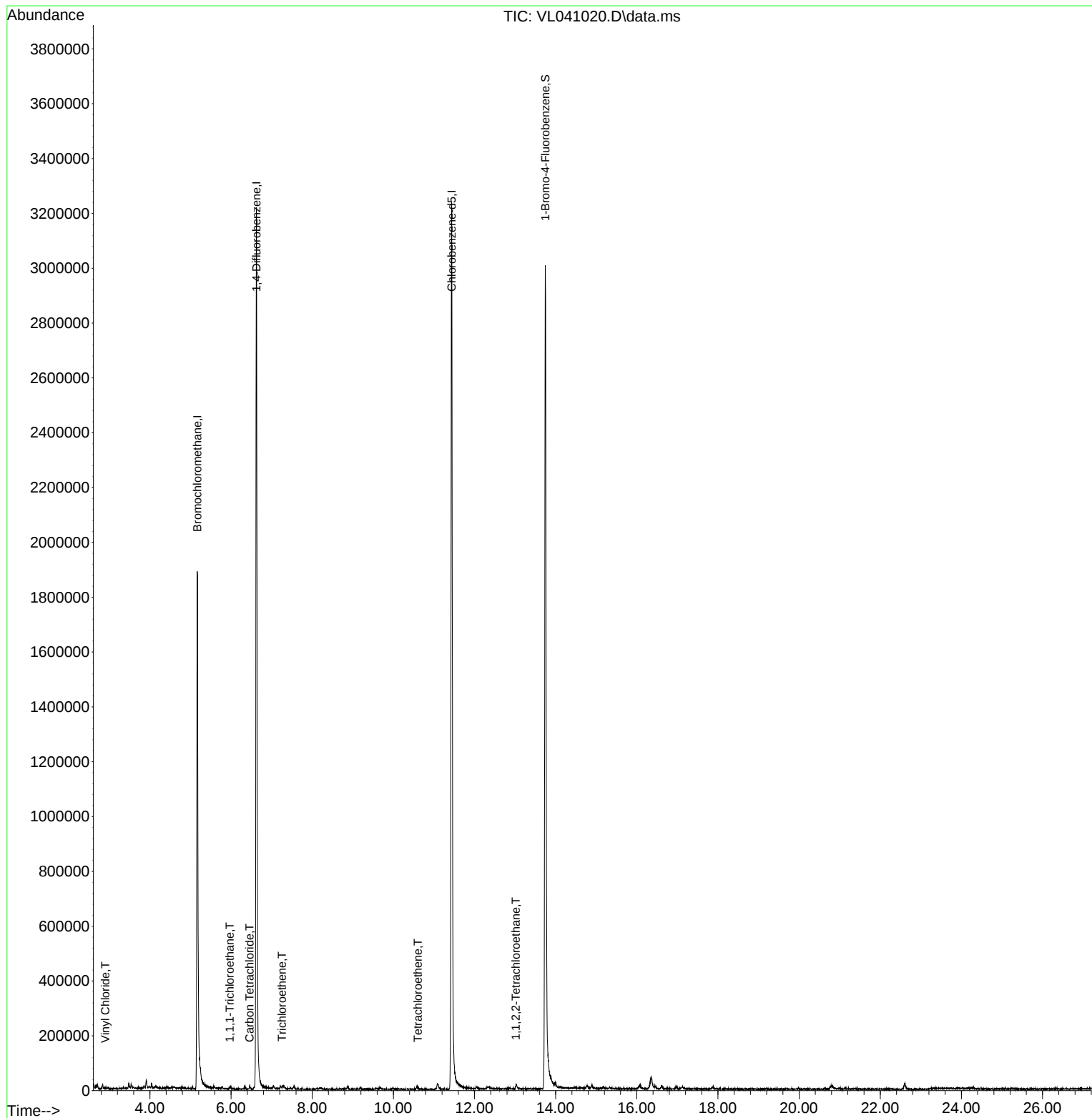
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
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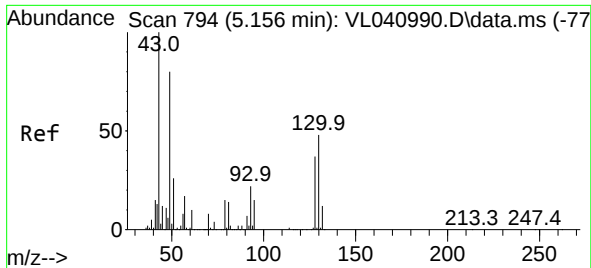
Instrument :
MSVOA_L
ClientSampleId :
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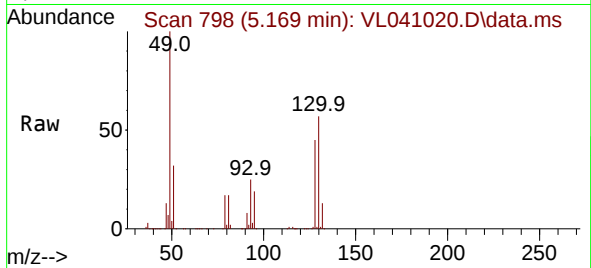
Reviewed By : Mahesh Dadoda 01/25/2024
Supervised By : Semsettin Yesilyurt 01/25/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 794
Delta R.T. 0.013 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

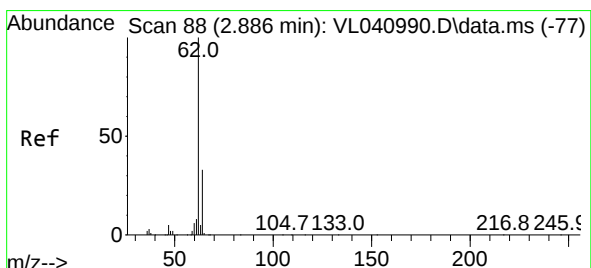
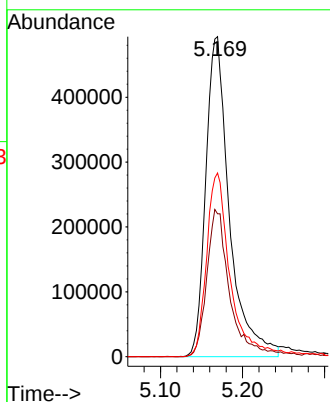
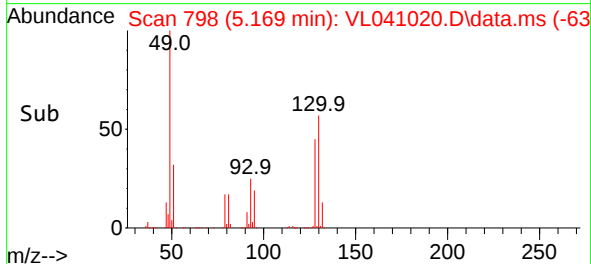
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 49 Resp: 985309
Ion Ratio Lower Upper
49 100
128 46.3 23.9 71.7
130 58.8 31.1 93.5

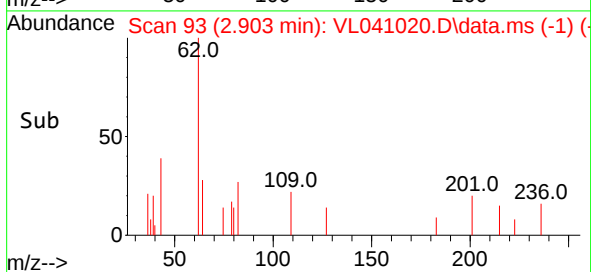
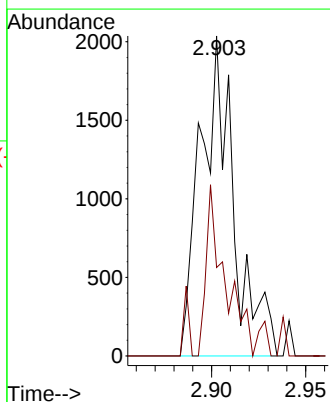
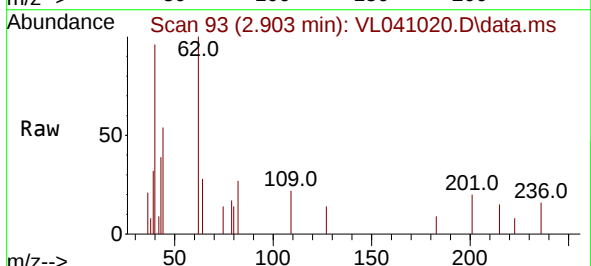
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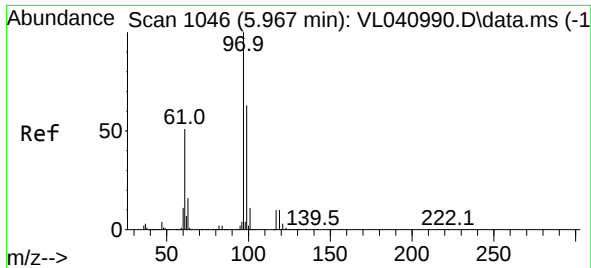
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#5
Vinyl Chloride
Concen: 0.041 ppbv m
RT: 2.903 min Scan# 93
Delta R.T. 0.013 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

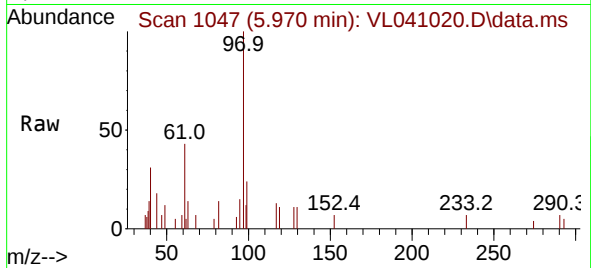
Tgt Ion: 62 Resp: 2499
Ion Ratio Lower Upper
62 100
64 27.6 26.6 40.0





#32
1,1,1-Trichloroethane
Concen: 0.034 ppbv m
RT: 5.970 min Scan# 1046
Delta R.T. 0.000 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

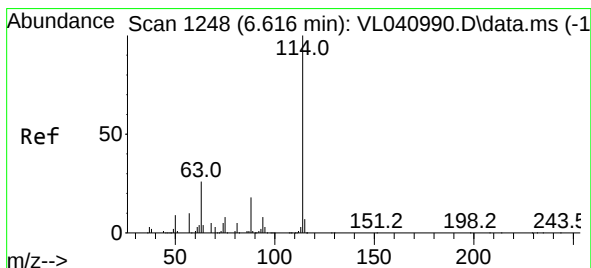
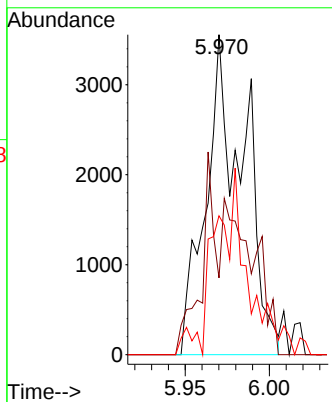
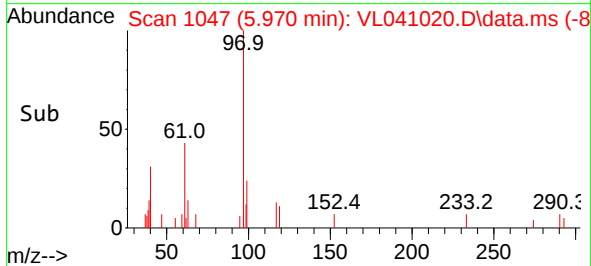
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion: 97 Resp: 5598
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3
61 0.0 40.3 60.5

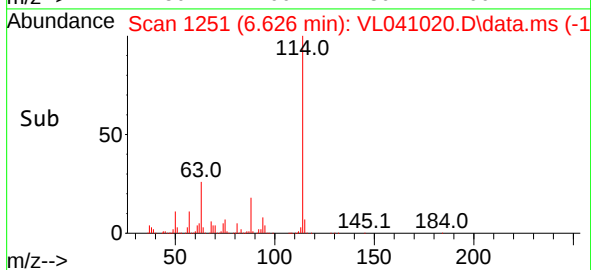
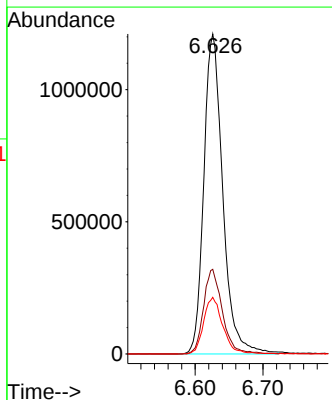
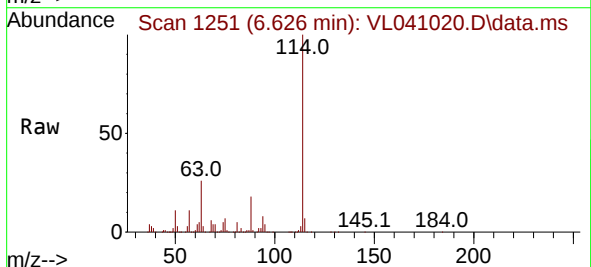
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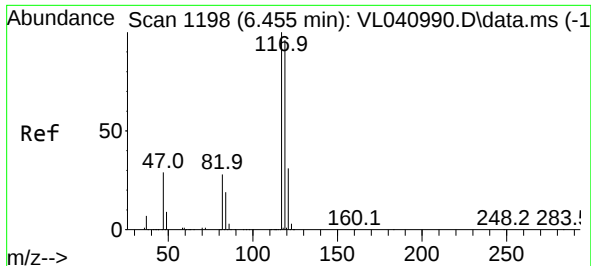
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. 0.010 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

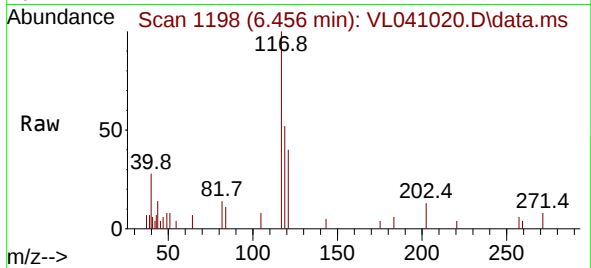
Tgt Ion:114 Resp: 2353723
Ion Ratio Lower Upper
114 100
63 26.6 20.8 31.2
88 18.1 14.3 21.5





#35
Carbon Tetrachloride
Concen: 0.036 ppbv m
RT: 6.456 min Scan# 1198
Delta R.T. -0.003 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

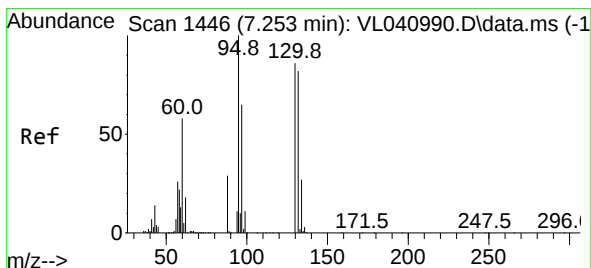
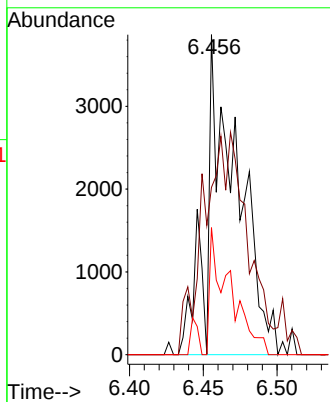
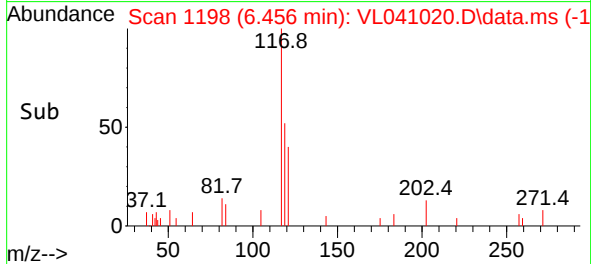
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2024



Tgt Ion:117 Resp: 566
Ion Ratio Lower Upper
117 100
119 52.3 76.9 115.3#
121 39.7 24.7 37.1#

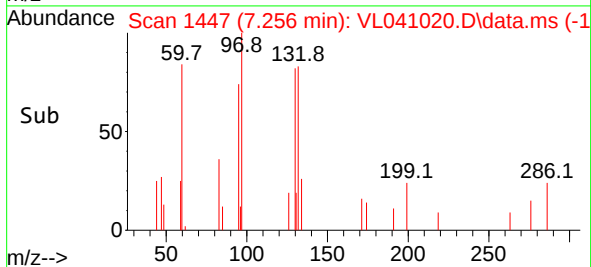
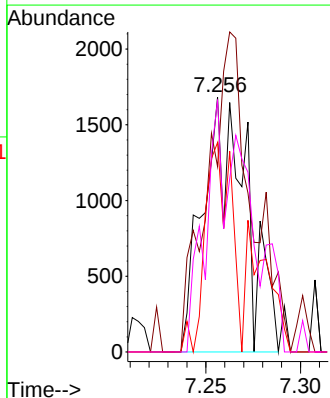
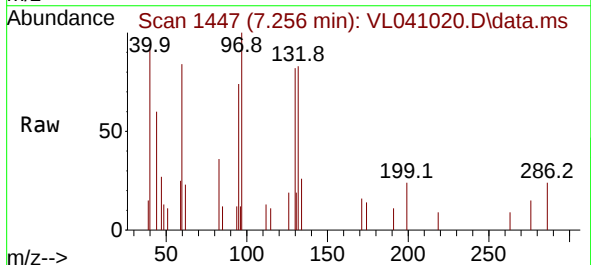
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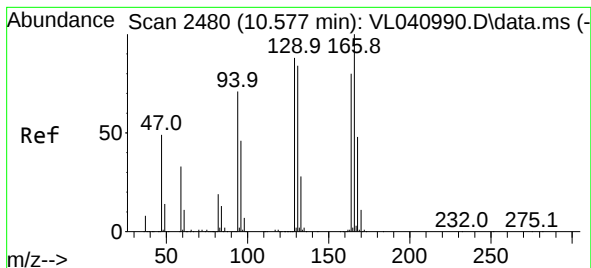
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38
Trichloroethene
Concen: 0.035 ppbv m
RT: 7.256 min Scan# 1447
Delta R.T. 0.003 min
Lab File: VL041020.D
Acq: 24 Jan 2024 17:37

Tgt Ion:130 Resp: 2703
Ion Ratio Lower Upper
130 100
95 89.2 92.9 139.3#
132 100.7 76.2 114.2
97 121.3 60.3 90.5#





#52

Tetrachloroethene

Concen: 0.031 ppbv m

RT: 10.603 min Scan# 2488

Delta R.T. 0.029 min

Lab File: VL041020.D

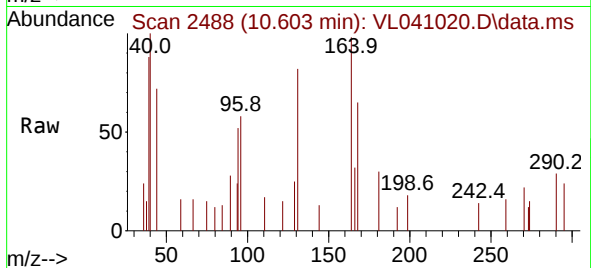
Acq: 24 Jan 2024 17:37

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2024



Tgt Ion:164 Resp: 202

Ion Ratio Lower Upper

164 100

166 32.4 100.2 150.2

129 25.8 87.9 131.9

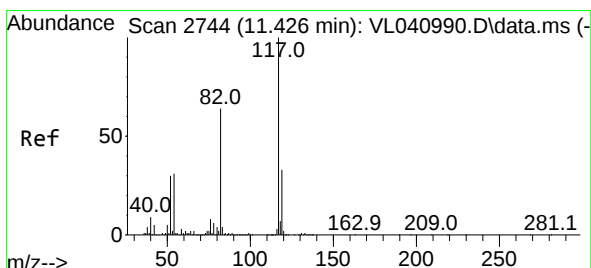
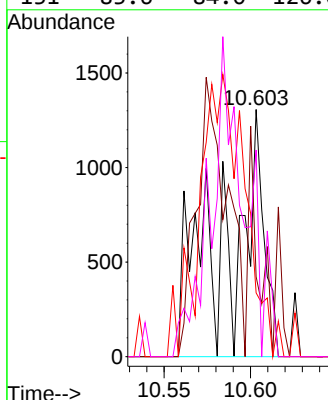
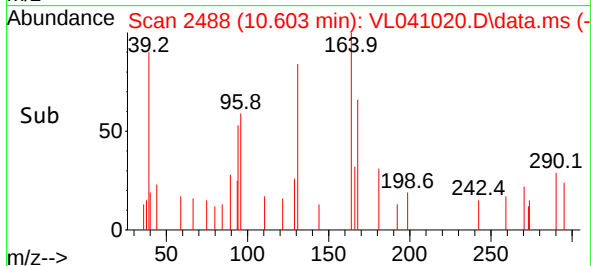
131 83.6 84.0 126.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/25/2024



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.436 min Scan# 2747

Delta R.T. 0.007 min

Lab File: VL041020.D

Acq: 24 Jan 2024 17:37

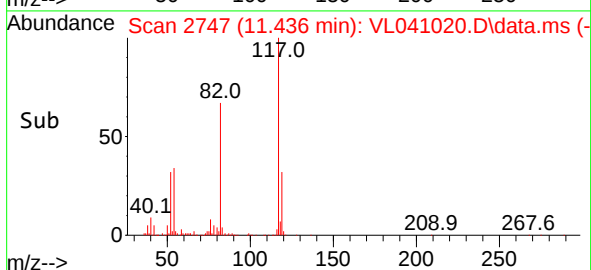
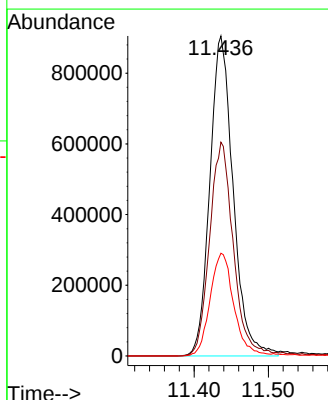
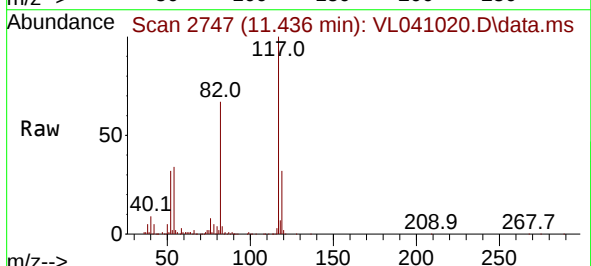
Tgt Ion:117 Resp: 1976678

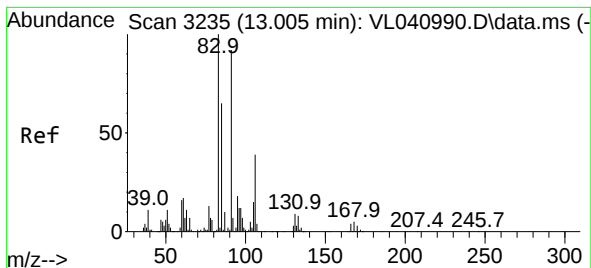
Ion Ratio Lower Upper

117 100

82 68.6 51.7 77.5

119 33.1 23.8 35.6





#63

1,1,2,2-Tetrachloroethane

Concen: 0.034 ppbv m

RT: 13.021 min Scan# 3235

Delta R.T. 0.010 min

Lab File: VL041020.D

Acq: 24 Jan 2024 17:37

Instrument :

MSVOA_L

ClientSampleId :

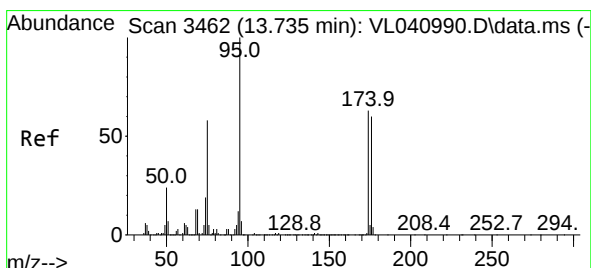
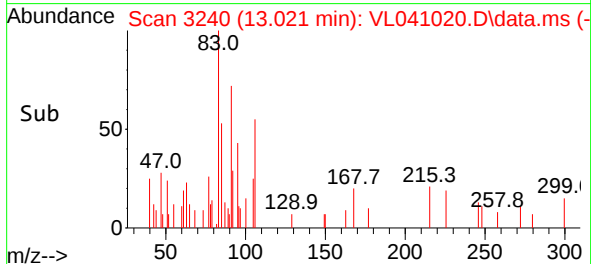
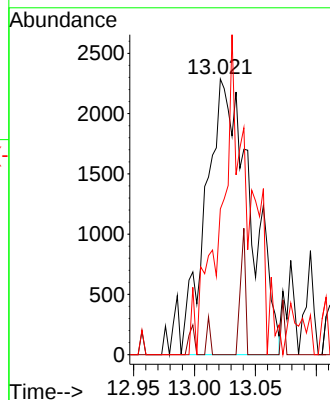
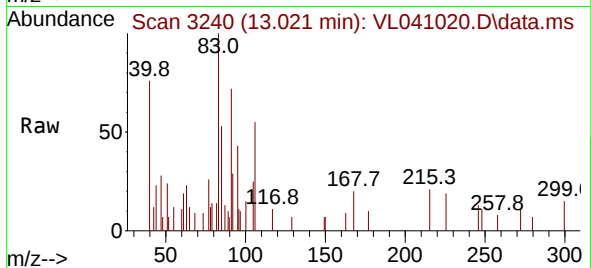
LOD-MDL-AIR-01-QT1-2024

Tgt Ion: 83	Resp: 581
Ion Ratio	Lower Upper
83	100
131	0.0 4.6 13.8
85	0.0 33.0 99.0

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/25/2024



#68

1-Bromo-4-Fluorobenzene

Concen: 10.086 ppbv

RT: 13.745 min Scan# 3465

Delta R.T. 0.007 min

Lab File: VL041020.D

Acq: 24 Jan 2024 17:37

Tgt Ion: 95	Resp: 1505820
Ion Ratio	Lower Upper
95	100
174	59.9 49.1 73.7
175	4.7 3.7 5.5

