

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038664.D
 Acq On : 22 Mar 2022 00:00
 Operator : SY/AP
 Sample : N1964-09DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P65DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

Quant Time: Mar 22 03:52:54 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 22 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	921993	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2363750	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2092215	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1576470	9.828	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.300%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	9809m	0.209	ppbv	
13) Ethanol	3.616	45	5582m	1.076	ppbv	
15) Acetone	3.867	43	16776m	0.211	ppbv	
20) Methylene Chloride	4.340	84	15258	0.455	ppbv	92
31) cis-1,2-Dichloroethene	5.542	61	11697m	0.139	ppbv	
34) 2-Butanone	5.263	43	12649m	0.135	ppbv	
53) Toluene	9.799	91	42113m	0.215	ppbv	

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

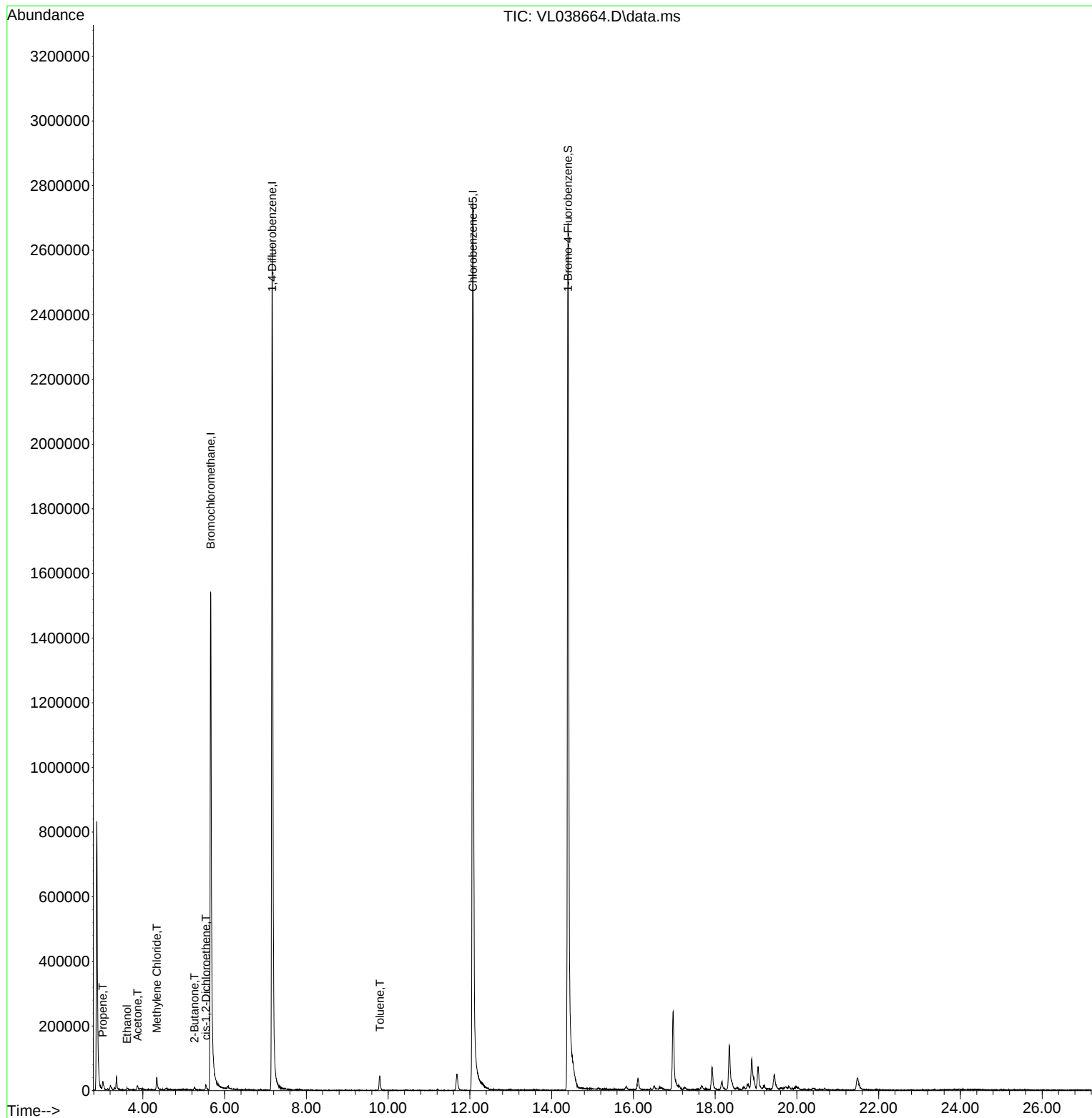
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038664.D
Acq On : 22 Mar 2022 00:00
Operator : SY/AP
Sample : N1964-09DL 10X
Misc : 400mL/MSVOA_L
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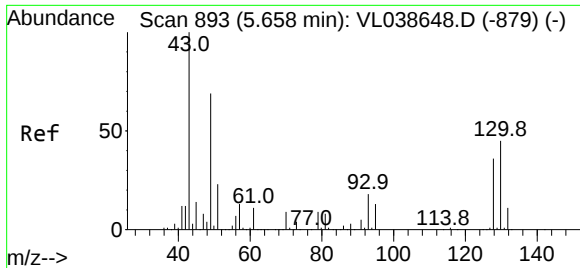
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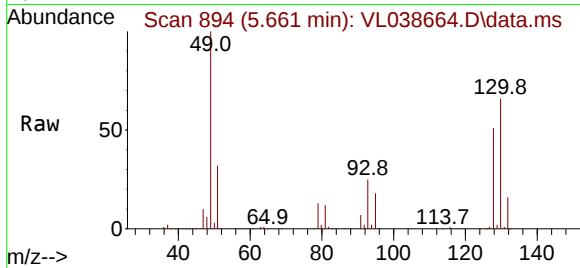
Quant Time: Mar 22 03:52:54 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

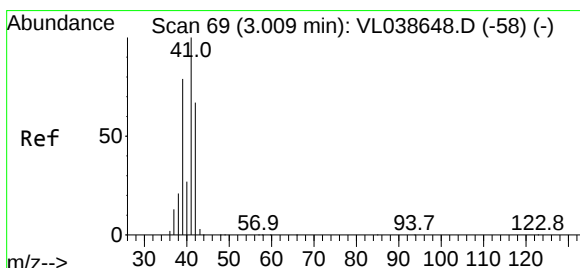
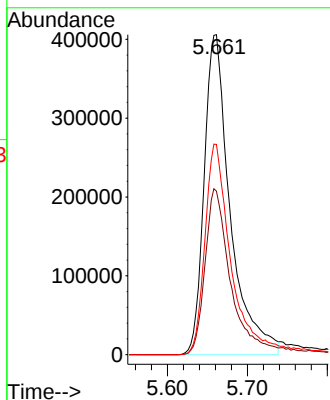
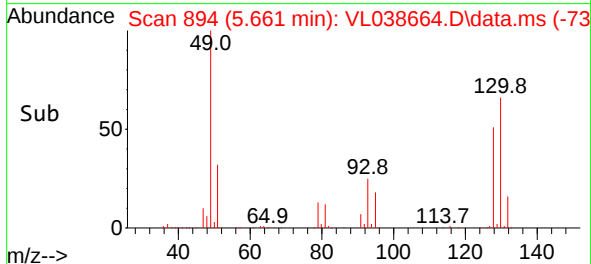
Instrument :
MSVOA_L
ClientSampleId :
COP65DL



Tgt Ion: 49 Resp: 92199
Ion Ratio Lower Upper
49 100
128 53.7 26.2 78.6
130 69.4 33.7 101.1

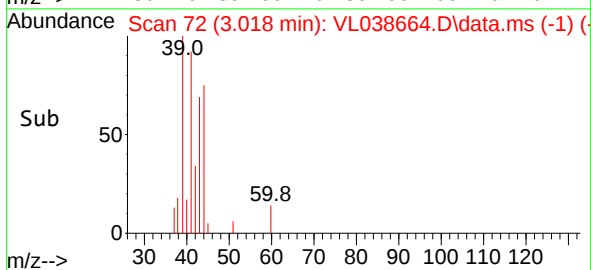
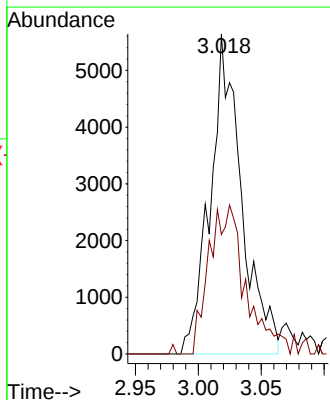
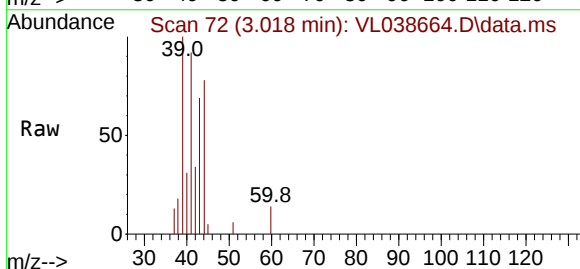
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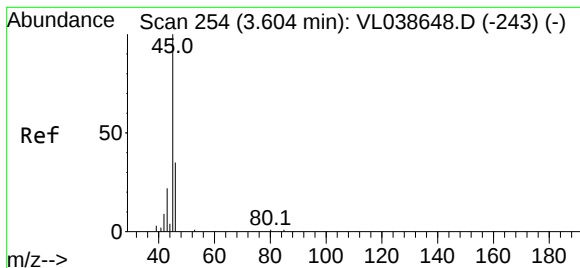
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#9
Propene
Concen: 0.209 ppbv m
RT: 3.018 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

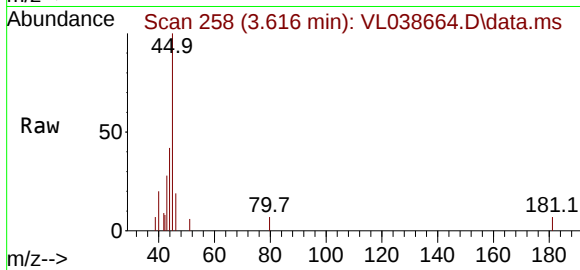
Tgt Ion: 41 Resp: 9809
Ion Ratio Lower Upper
41 100
42 0.0 56.2 84.4#





#13
Ethanol
Concen: 1.076 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

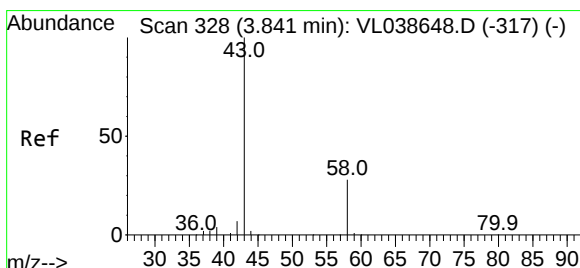
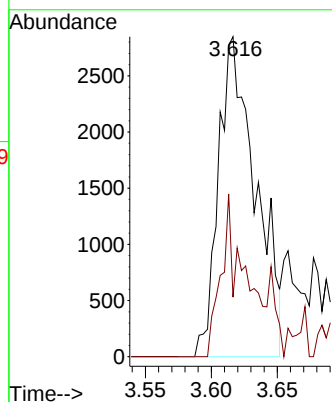
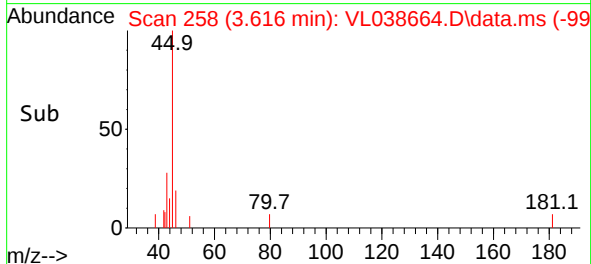
Instrument :
MSVOA_L
ClientSampleId :
COP65DL



Tgt Ion: 45 Resp: 558
Ion Ratio Lower Upper
45 100
46 42.7 15.1 60.5

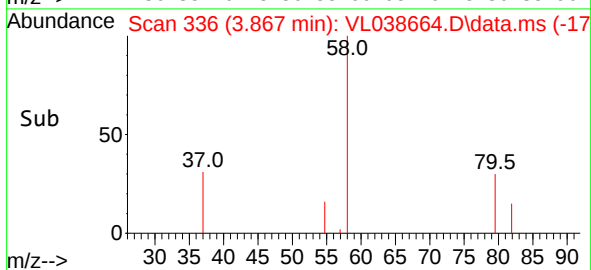
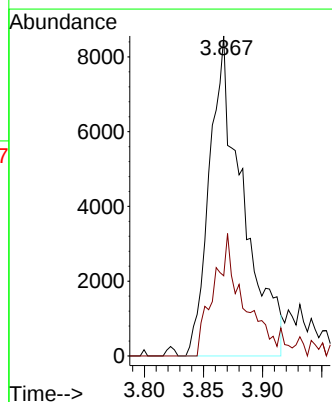
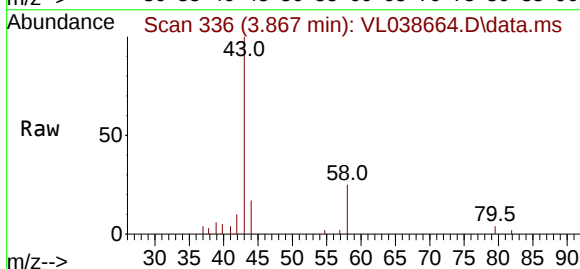
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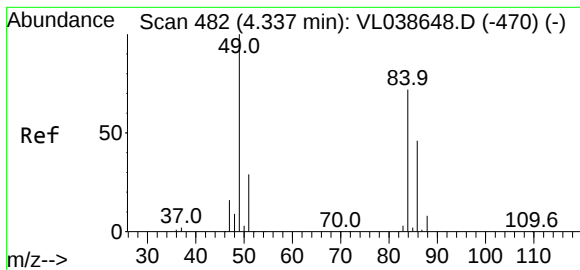
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#15
Acetone
Concen: 0.211 ppbv m
RT: 3.867 min Scan# 336
Delta R.T. 0.026 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

Tgt Ion: 43 Resp: 16776
Ion Ratio Lower Upper
43 100
58 35.4 23.3 34.9#





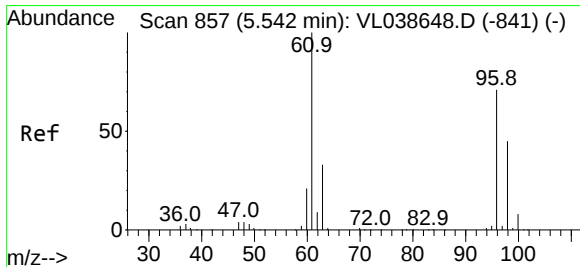
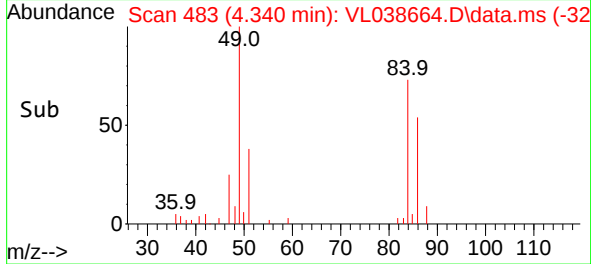
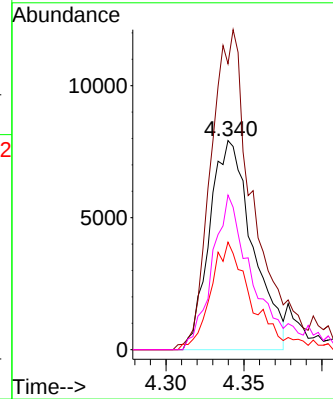
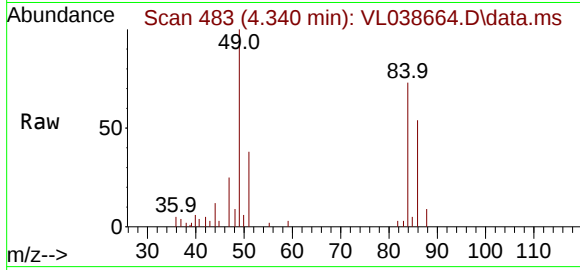
#20
Methylene Chloride
Concen: 0.455 ppbv
RT: 4.340 min Scan# 483
Delta R.T. 0.003 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

Instrument :
MSVOA_L
ClientSampleId :
COP65DL

Tgt Ion:	84	Resp:	1525
Ion	Ratio	Lower	Upper
84	100		
49	134.3	111.2	166.8
51	48.7	32.8	49.2
86	73.9	51.4	77.0

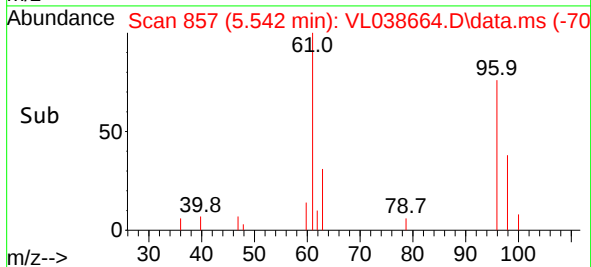
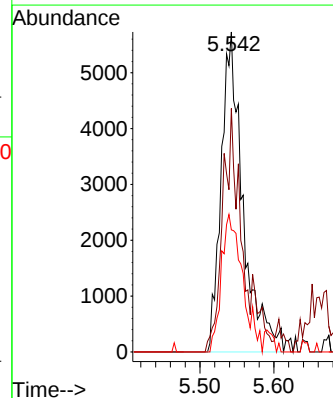
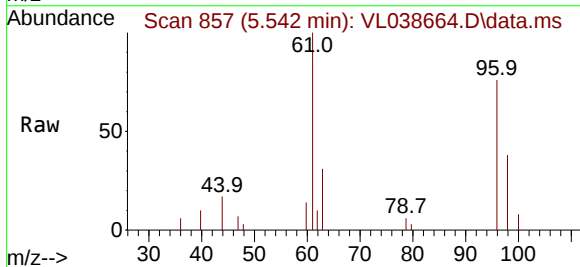
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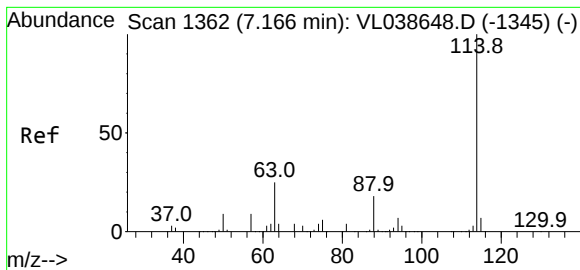
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Supervised By :Mahesh Dadoda 03/24/2022



#31
cis-1,2-Dichloroethene
Concen: 0.139 ppbv m
RT: 5.542 min Scan# 857
Delta R.T. -0.000 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

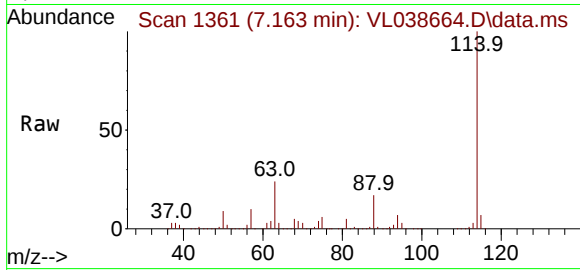
Tgt Ion:	61	Resp:	11697
Ion	Ratio	Lower	Upper
61	100		
96	76.1	56.6	84.8
98	38.1	36.3	54.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00

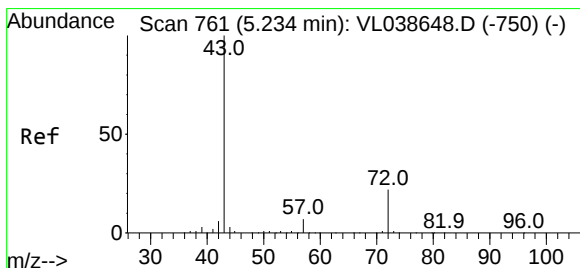
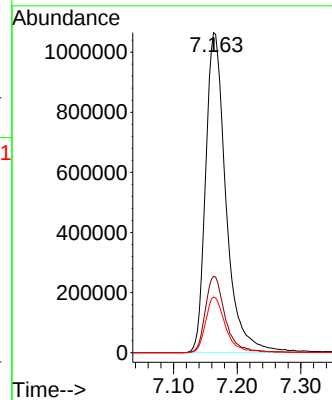
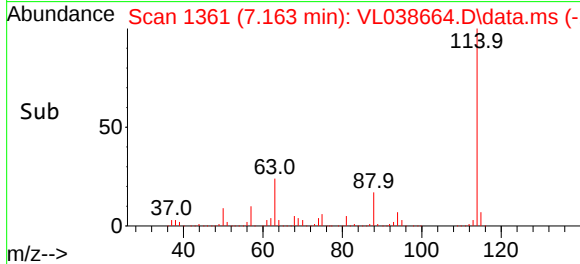
Instrument :
MSVOA_L
ClientSampleId :
COP65DL



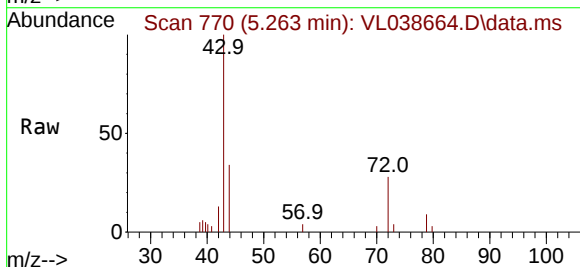
Tgt Ion:114 Resp: 2363750
Ion Ratio Lower Upper
114 100
63 23.7 19.4 29.0
88 17.3 13.9 20.9

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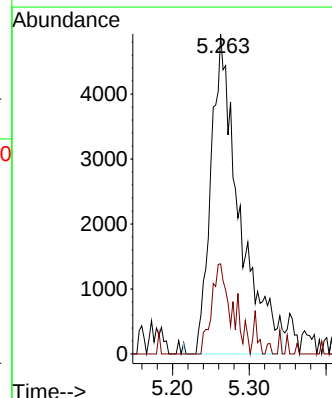
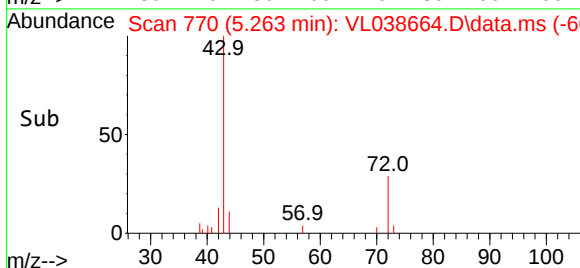
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

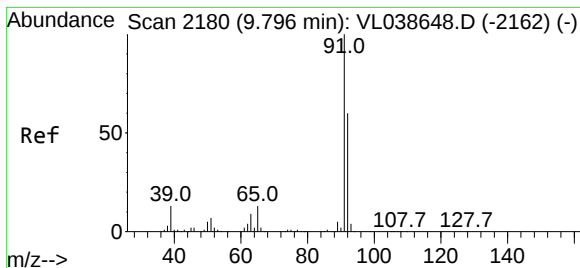


#34
2-Butanone
Concen: 0.135 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.029 min
Lab File: VL038664.D
Acq: 22 Mar 2022 00:00



Tgt Ion: 43 Resp: 12649
Ion Ratio Lower Upper
43 100
72 22.2 17.8 26.8





#53

Toluene

Concen: 0.215 ppbv m

RT: 9.799 min Scan# 2180

Delta R.T. 0.003 min

Lab File: VL038664.D

Acq: 22 Mar 2022 00:00

Instrument :

MSVOA_L

ClientSampleId :

COP65DL

Tgt Ion: 91 Resp: 4211

Ion Ratio Lower Upper

91 100

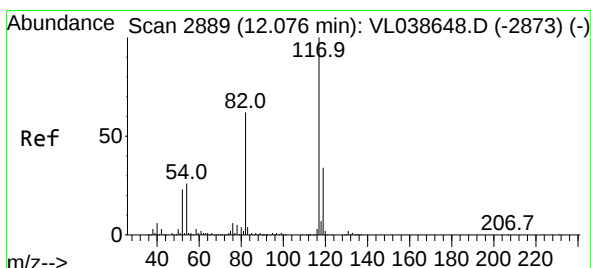
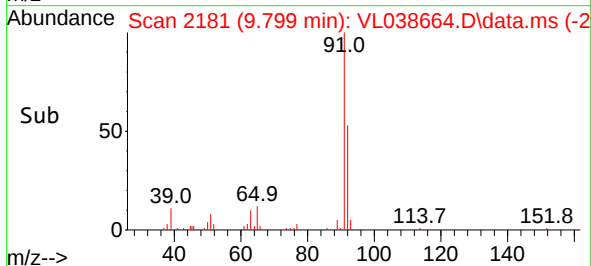
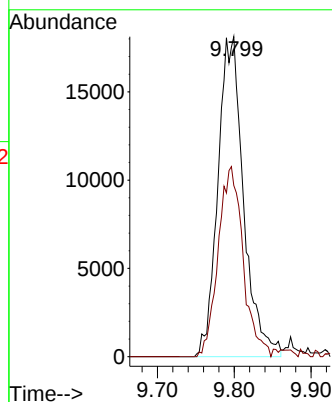
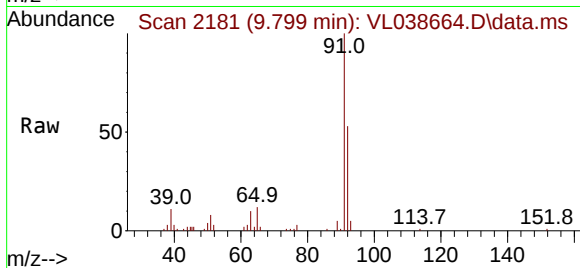
92 0.0 48.7 73.1

Manual Integrations

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Supervised By :Mahesh Dadoda 03/24/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.073 min Scan# 2888

Delta R.T. -0.003 min

Lab File: VL038664.D

Acq: 22 Mar 2022 00:00

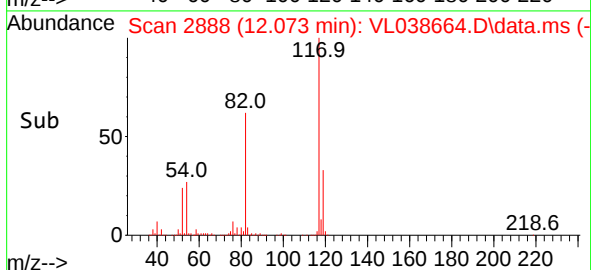
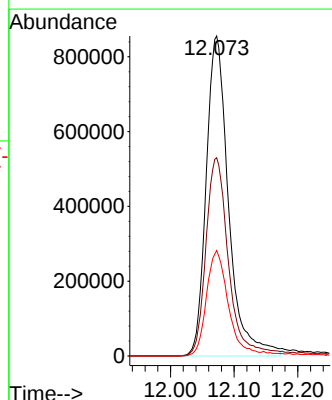
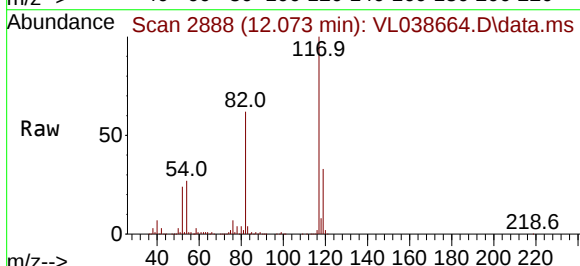
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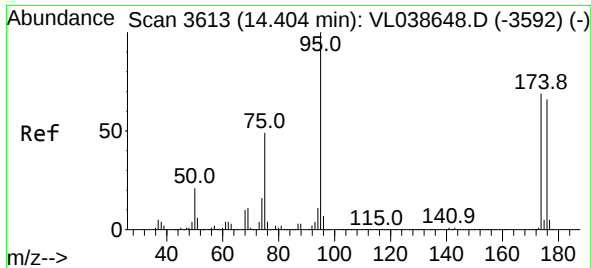
Ion Ratio Lower Upper

117 100

82 65.5 51.6 77.4

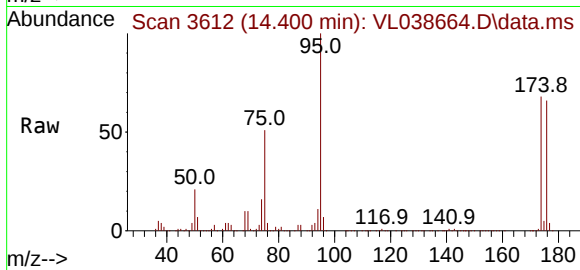
119 33.9 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.828 ppbv
 RT: 14.400 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038664.D
 Acq: 22 Mar 2022 00:00

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P65DL



Tgt Ion: 95 Resp: 1576470
 Ion Ratio Lower Upper
 95 100
 174 70.6 56.1 84.1
 175 4.8 4.2 6.2

Manual Integrations
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