

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038670.D
 Acq On : 22 Mar 2022 3:56
 Operator : SY/AP
 Sample : N1964-13DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P83DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

03/22/2022

Supervised By : Mahesh
 Dadoda

03/24/2022

Quant Time: Mar 22 05:09:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 2
 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	5.658	49	935230	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2425595	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2136792	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1542485	9.415	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.200%
Target Compounds						
					Qvalue	
9) Propene	3.022	41	9465	0.198	ppbv	95
13) Ethanol	3.613	45	10593m	2.014	ppbv	
15) Acetone	3.851	43	41311	0.512	ppbv #	86
20) Methylene Chloride	4.337	84	80079	2.356	ppbv	94
26) Hexane	5.681	57	34765	0.382	ppbv #	40
34) 2-Butanone	5.247	43	36820m	0.384	ppbv	
53) Toluene	9.793	91	63349	0.315	ppbv	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038670.D
Acq On : 22 Mar 2022 3:56
Operator : SY/AP
Sample : N1964-13DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
C0P83DL

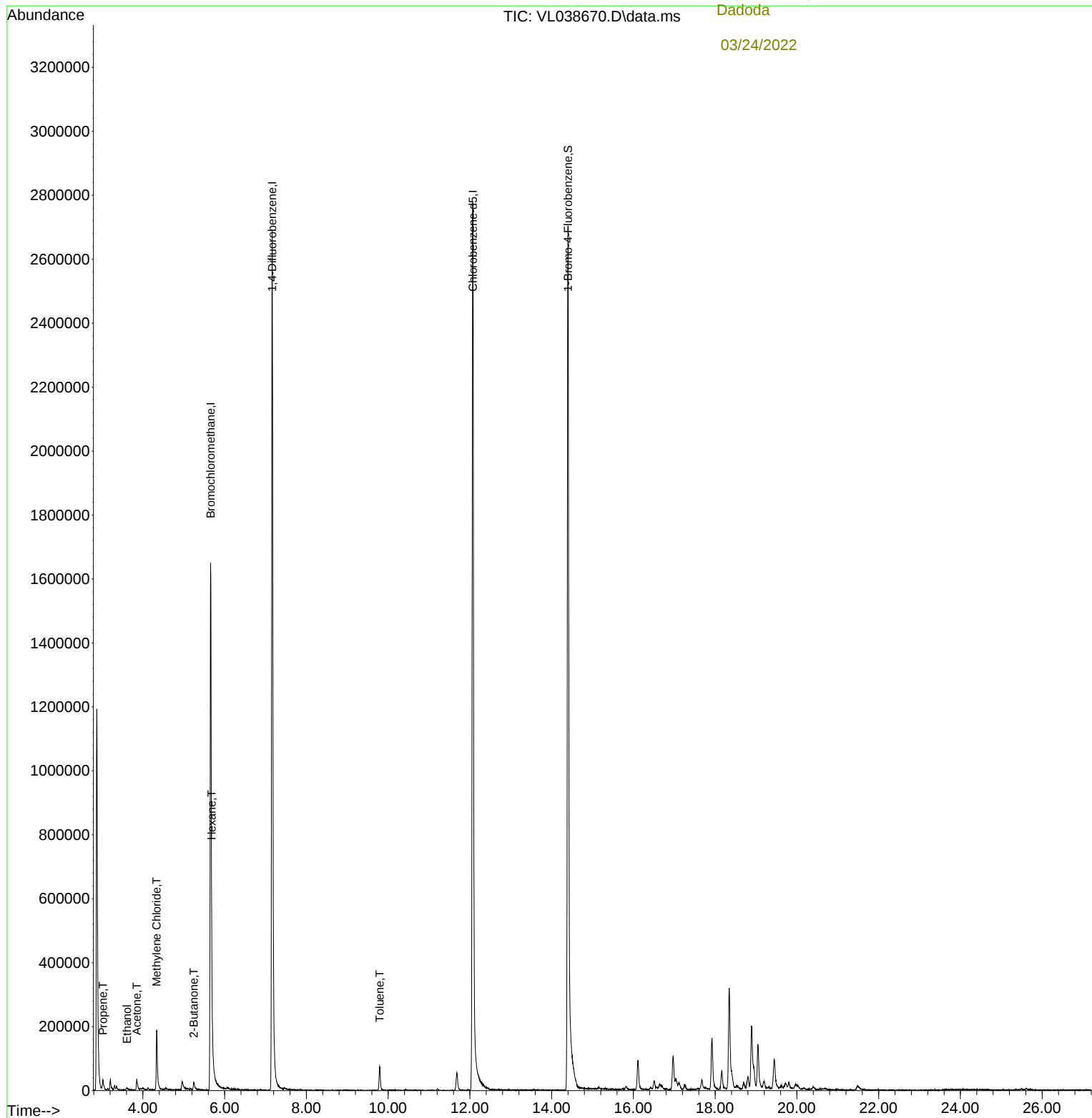
Manual Integrations
APPROVED

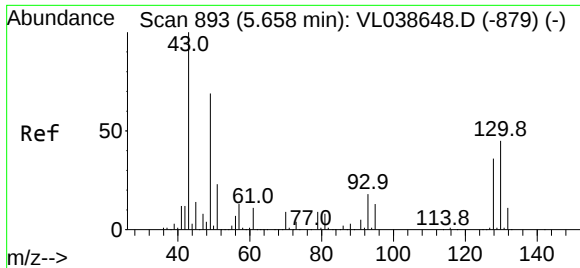
Reviewed By : Semsettin
Yesilyurt

03/22/2022
Supervised By : Mahesh
Dadoda

03/24/2022

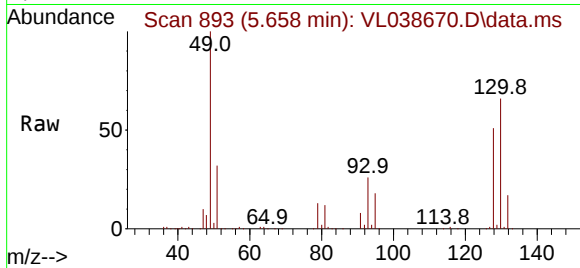
Quant Time: Mar 22 05:09:56 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.000 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
COP83DL



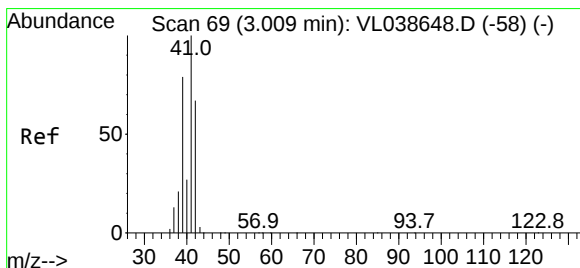
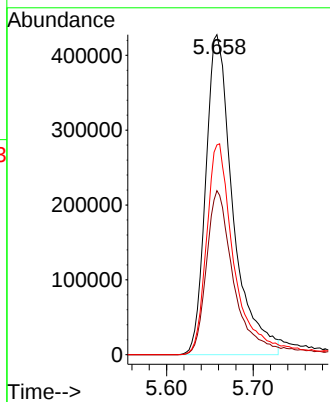
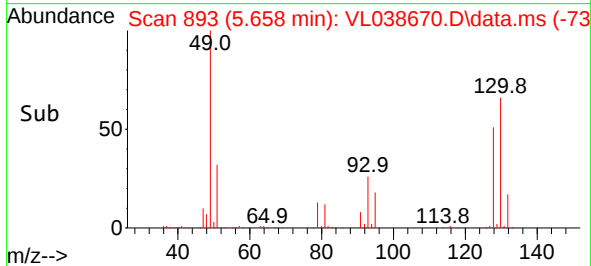
Tgt Ion: 49 Resp: 935230
Ion Ratio Lower Upper
49 100
128 55.0 26.2 78.6
130 70.3 33.7 101.1

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

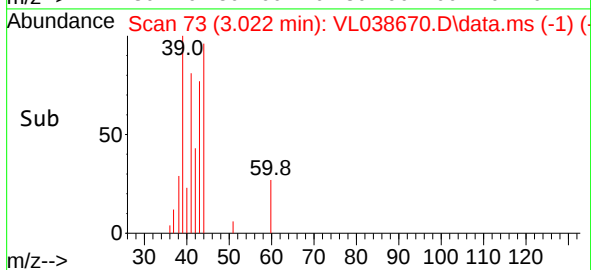
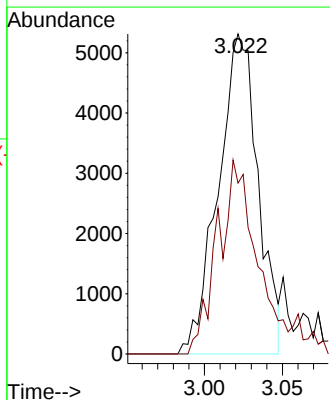
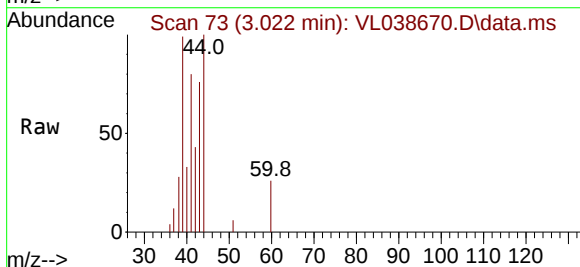
03/22/2022
Supervised By :Mahesh
Dadoda

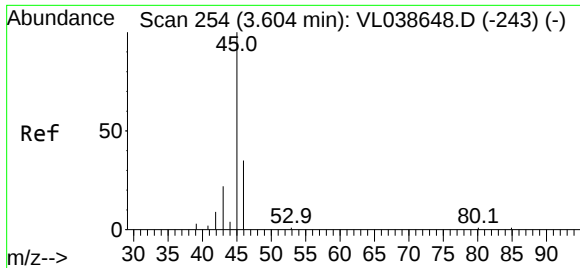
03/24/2022



#9
Propene
Concen: 0.198 ppbv
RT: 3.022 min Scan# 73
Delta R.T. 0.013 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Tgt Ion: 41 Resp: 9465
Ion Ratio Lower Upper
41 100
42 66.2 56.2 84.4





#13
Ethanol
Concen: 2.014 ppbv
RT: 3.613 min Scan# 210
Delta R.T. 0.010 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
COP83DL

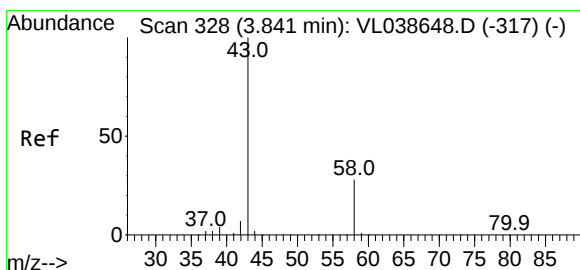
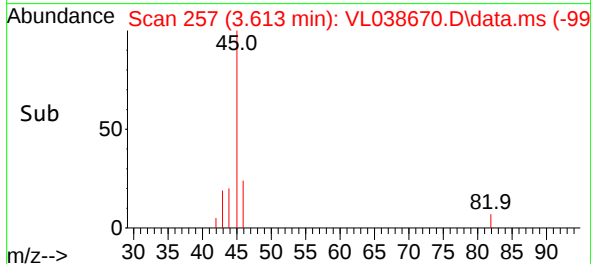
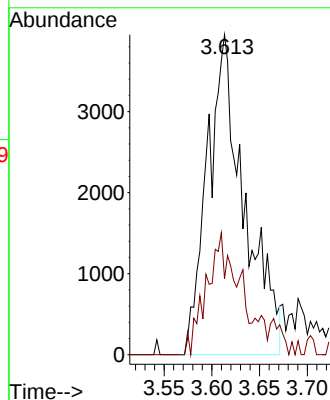
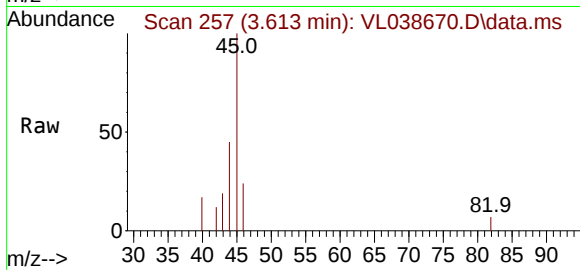
Tgt Ion: 45 Resp: 1059
Ion Ratio Lower Upper
45 100
46 0.0 15.1 60.5

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

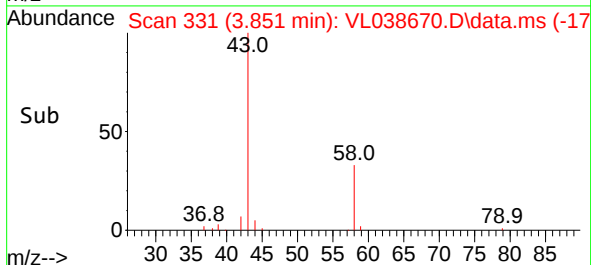
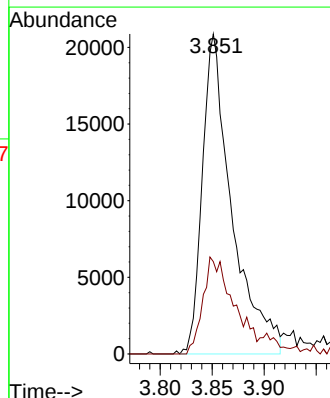
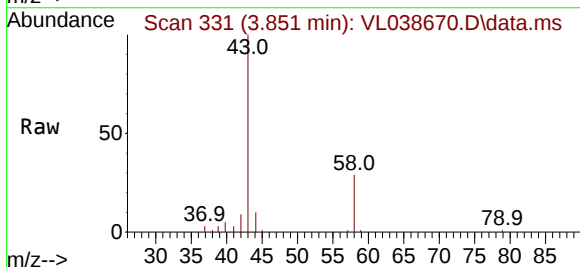
03/22/2022
Supervised By :Mahesh
Dadoda

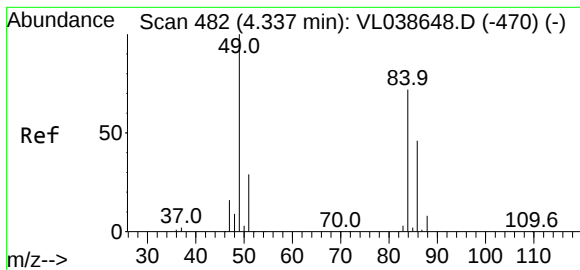
03/24/2022



#15
Acetone
Concen: 0.512 ppbv
RT: 3.851 min Scan# 331
Delta R.T. 0.010 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

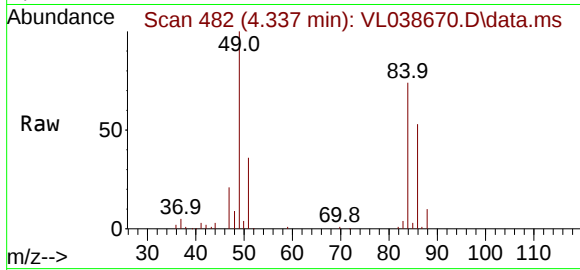
Tgt Ion: 43 Resp: 41311
Ion Ratio Lower Upper
43 100
58 36.3 23.3 34.9





#20
Methylene Chloride
Concen: 2.356 ppbv
RT: 4.337 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
COP83DL



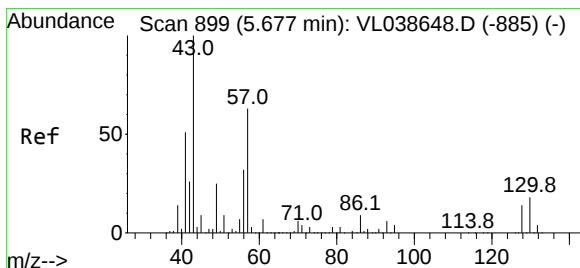
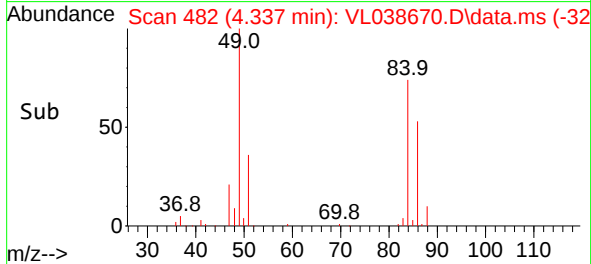
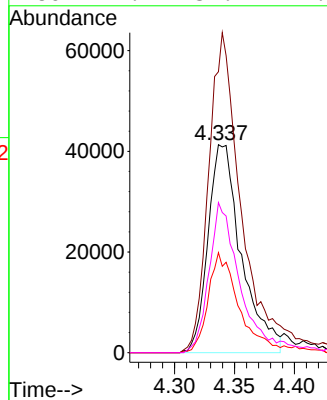
Tgt Ion: 84 Resp: 80079
Ion Ratio Lower Upper
84 100
49 135.1 111.2 166.8
51 48.1 32.8 49.2
86 72.2 51.4 77.0

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

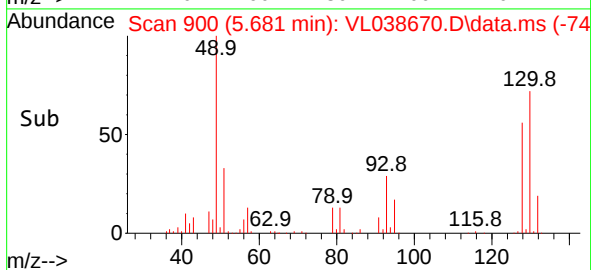
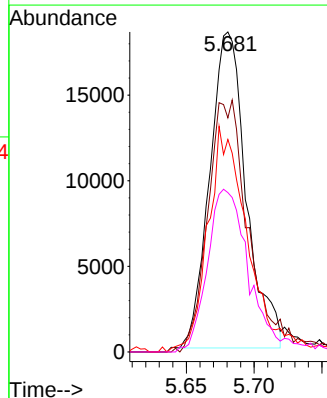
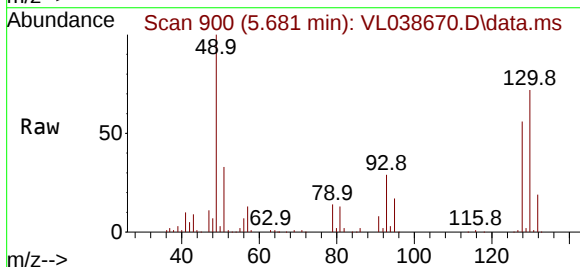
03/22/2022
Supervised By :Mahesh
Dadoda

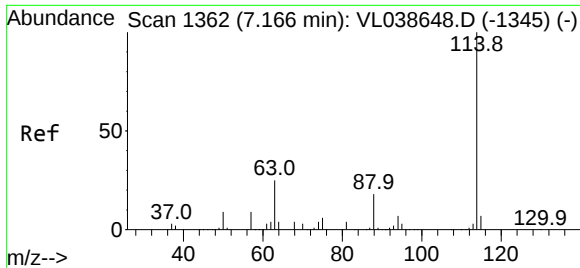
03/24/2022



#26
Hexane
Concen: 0.382 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

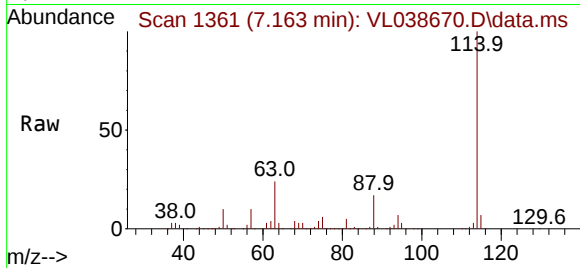
Tgt Ion: 57 Resp: 34765
Ion Ratio Lower Upper
57 100
41 91.1 67.0 100.4
43 79.4 184.2 276.2#
56 59.6 42.6 64.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
COP83DL



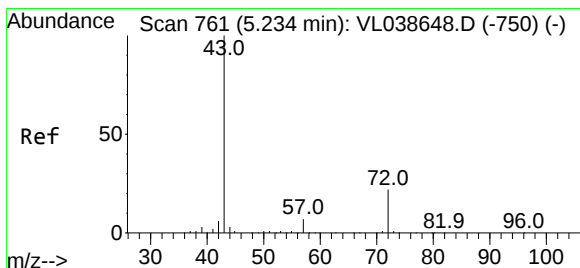
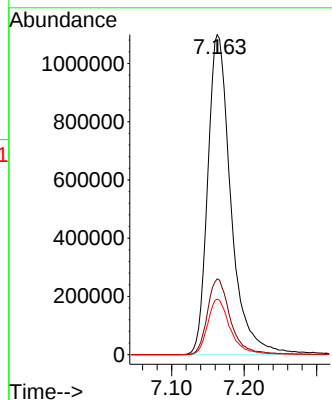
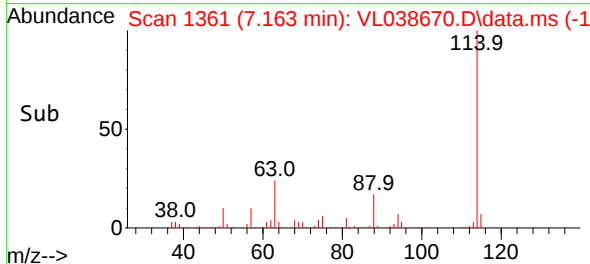
Tgt Ion:114 Resp: 242559
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.3 13.9 20.9

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

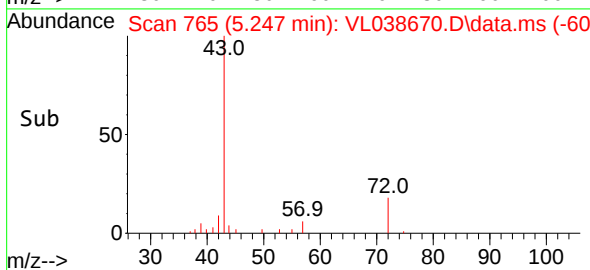
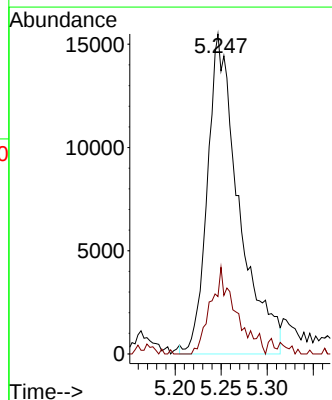
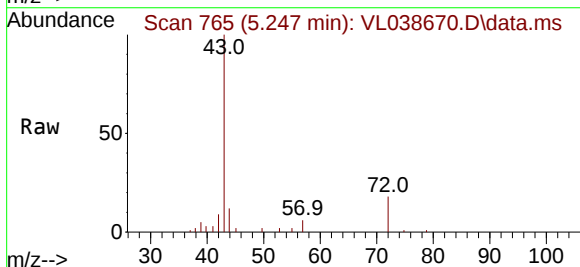
03/22/2022
Supervised By :Mahesh
Dadoda

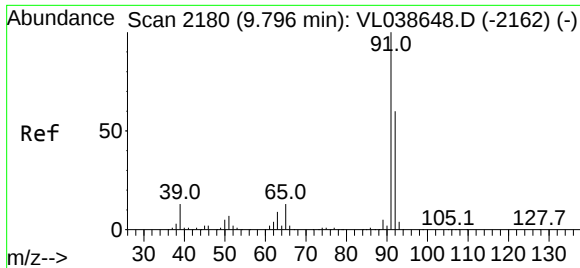
03/24/2022



#34
2-Butanone
Concen: 0.384 ppbv m
RT: 5.247 min Scan# 765
Delta R.T. 0.013 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

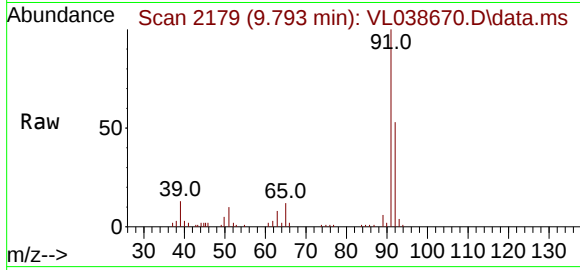
Tgt Ion: 43 Resp: 36820
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.8#





#53
Toluene
Concen: 0.315 ppbv
RT: 9.793 min Scan# 2180
Delta R.T. -0.003 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

Instrument :
MSVOA_L
ClientSampleId :
COP83DL



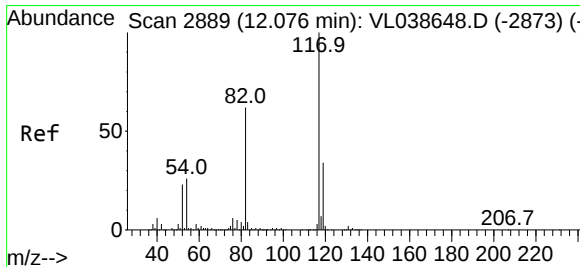
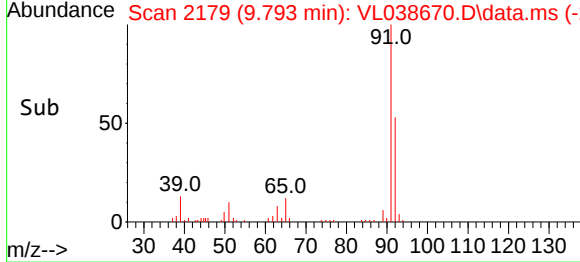
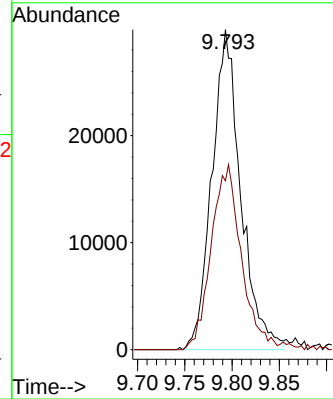
Tgt Ion: 91 Resp: 63349
Ion Ratio Lower Upper
91 100
92 61.8 48.7 73.1

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

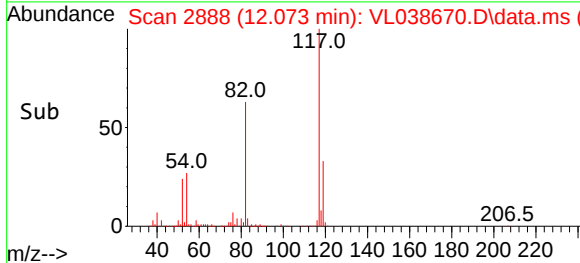
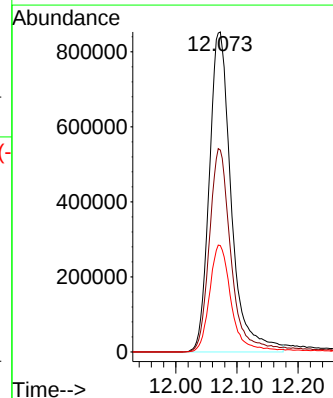
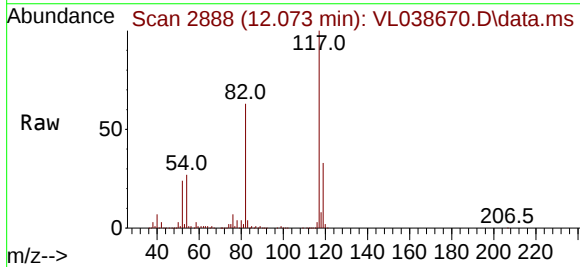
03/22/2022
Supervised By :Mahesh
Dadoda

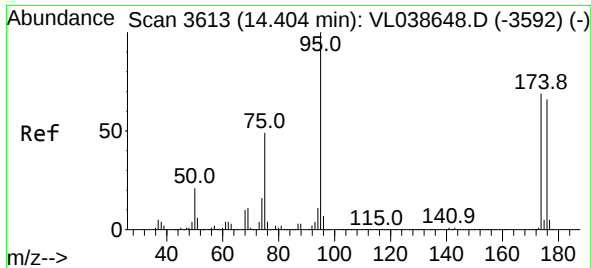
03/24/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038670.D
Acq: 22 Mar 2022 3:56

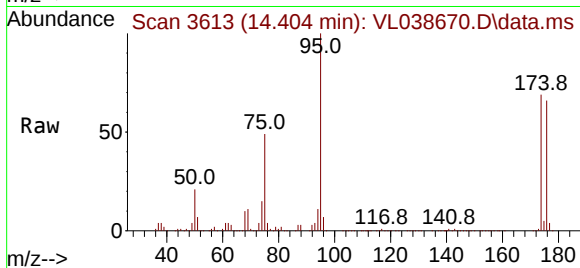
Tgt Ion:117 Resp: 2136792
Ion Ratio Lower Upper
117 100
82 65.4 51.6 77.4
119 34.2 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.415 ppbv
 RT: 14.404 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038670.D
 Acq: 22 Mar 2022 3:56

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P83DL



Tgt Ion: 95 Resp: 154248

Ion	Ratio	Lower	Upper
95	100		
174	73.3	56.1	84.1
175	5.4	4.2	6.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

03/22/2022
 Supervised By :Mahesh
 Dadoda

03/24/2022

