

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038668.D
 Acq On : 22 Mar 2022 2:37
 Operator : SY/AP
 Sample : N1964-11DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P81DL

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 04:03:16 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 22 04:03:16 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	5.658	49	970422	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2503917	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2165553	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	1611297	9.705	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.000%
Target Compounds						
					Qvalue	
9) Propene	3.021	41	31212	0.631	ppbv #	70
13) Ethanol	3.613	45	20286m	3.717	ppbv	
15) Acetone	3.864	43	70822	0.846	ppbv #	87
19) Isopropyl Alcohol	3.980	45	20398m	0.439	ppbv	
20) Methylene Chloride	4.337	84	37437	1.061	ppbv	91
26) Hexane	5.677	57	21642m	0.229	ppbv	
34) 2-Butanone	5.253	43	29533	0.298	ppbv #	88
52) Tetrachloroethene	11.211	164	31511	0.446	ppbv	94
53) Toluene	9.796	91	86935	0.419	ppbv	99

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

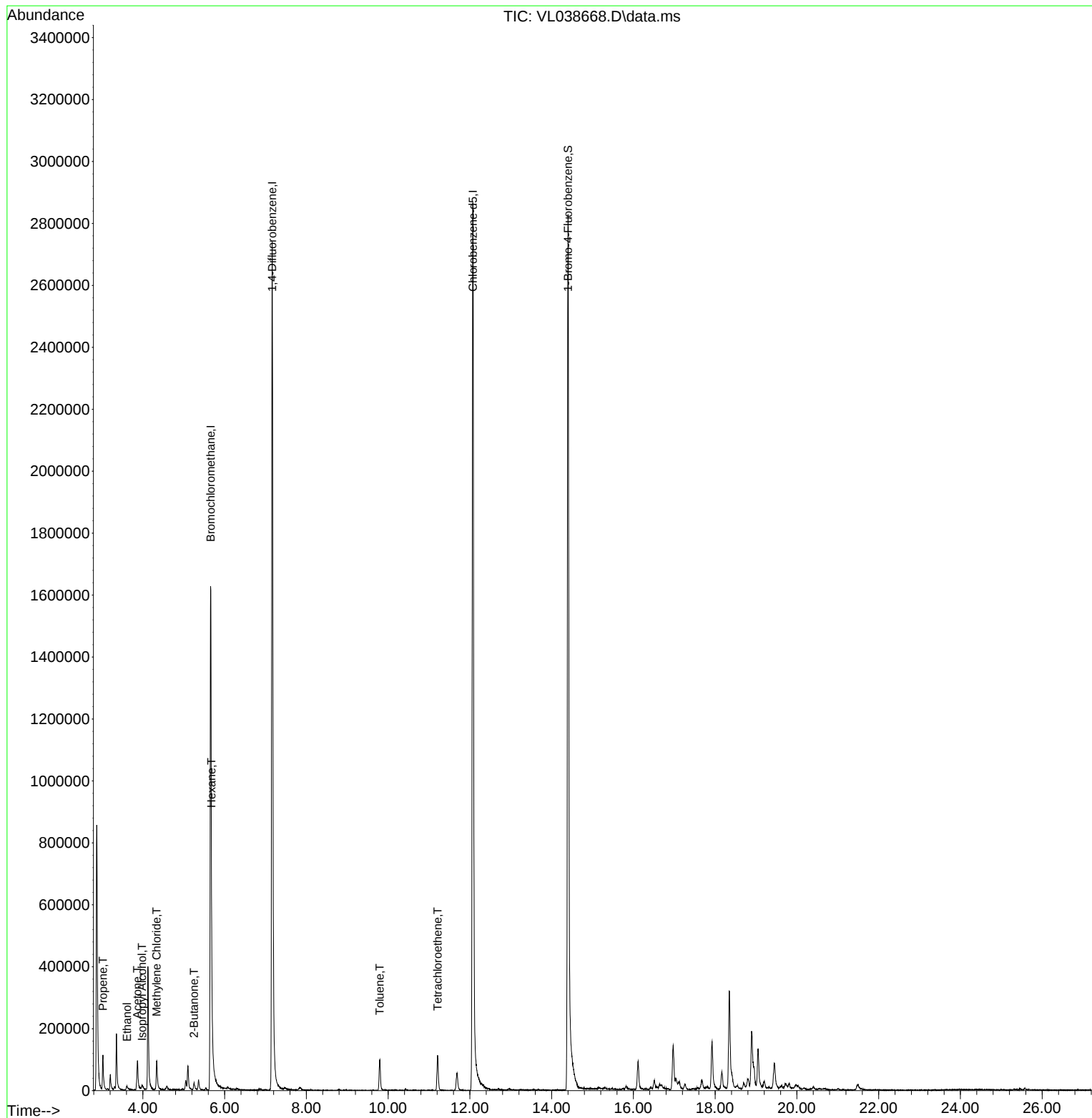
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
Data File : VL038668.D
Acq On : 22 Mar 2022 2:37
Operator : SY/AP
Sample : N1964-11DL 10X
Misc : 400mL/MSVOA_L
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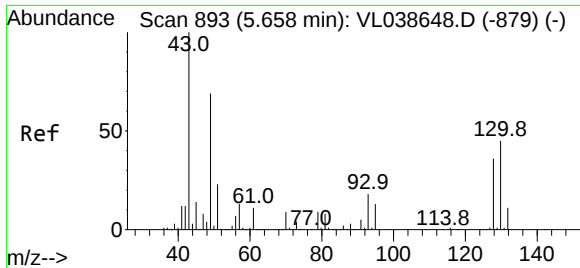
Instrument :
MSVOA_L
ClientSampleId :
C0P81DL

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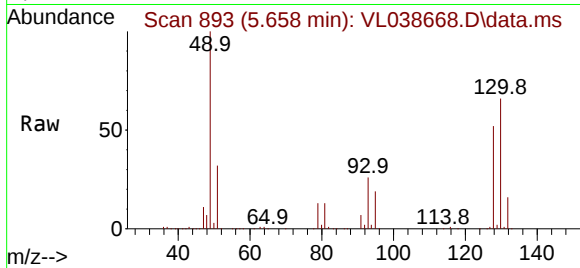
Quant Time: Mar 22 04:03:16 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.000 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

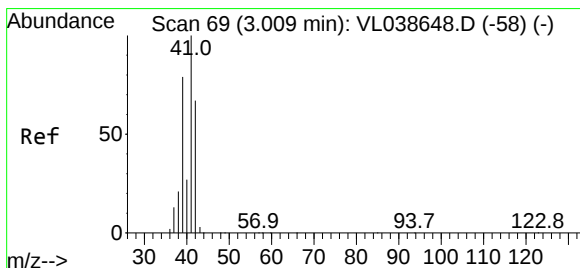
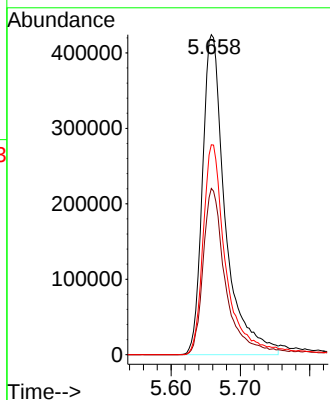
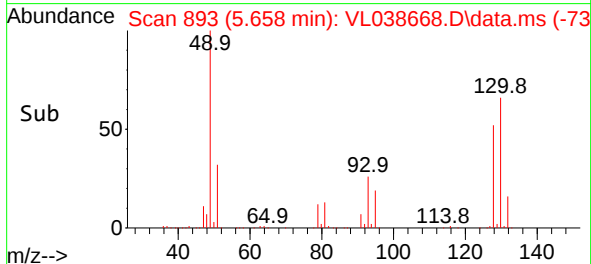
Instrument :
MSVOA_L
ClientSampleId :
COP81DL



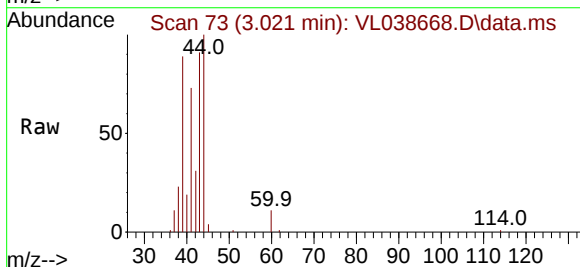
Tgt Ion: 49 Resp: 97042
Ion Ratio Lower Upper
49 100
128 53.9 26.2 78.6
130 68.6 33.7 101.1

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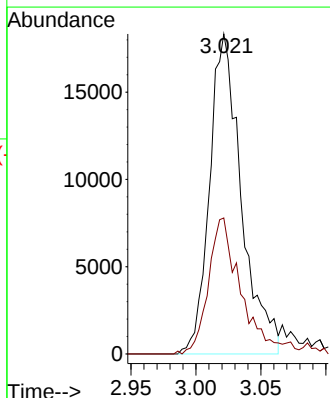
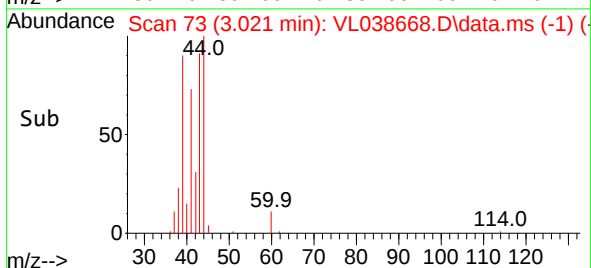
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

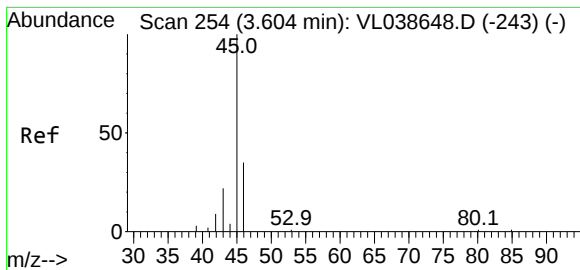


#9
Propene
Concen: 0.631 ppbv
RT: 3.021 min Scan# 73
Delta R.T. 0.013 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37



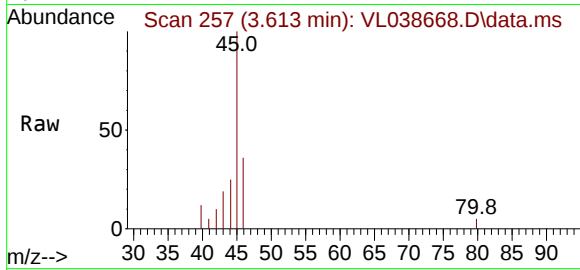
Tgt Ion: 41 Resp: 31212
Ion Ratio Lower Upper
41 100
42 45.6 56.2 84.4#





#13
Ethanol
Concen: 3.717 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

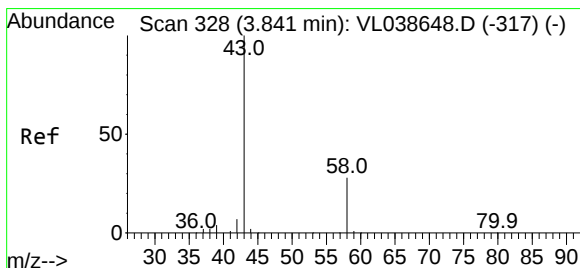
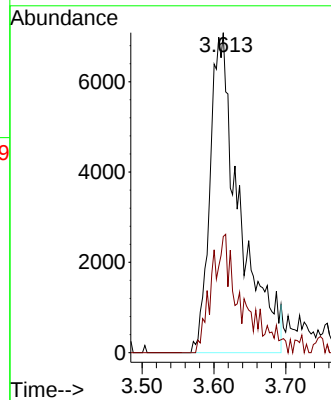
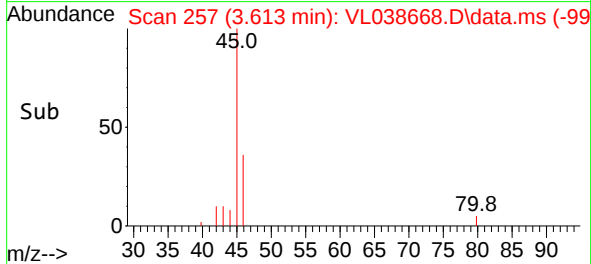
Instrument :
MSVOA_L
ClientSampleId :
COP81DL



Tgt Ion: 45 Resp: 20280
Ion Ratio Lower Upper
45 100
46 37.6 15.1 60.5

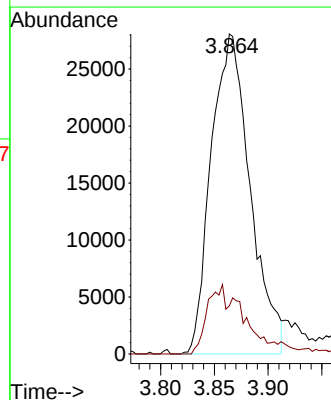
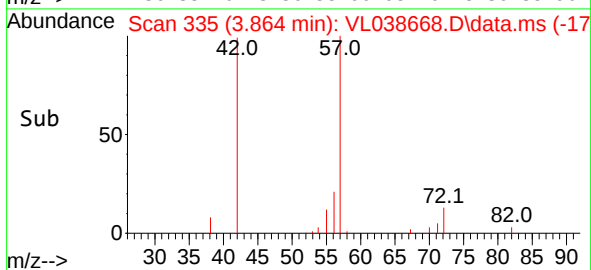
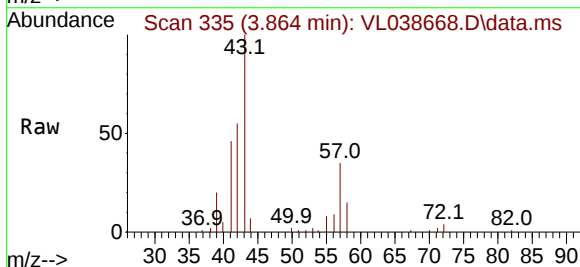
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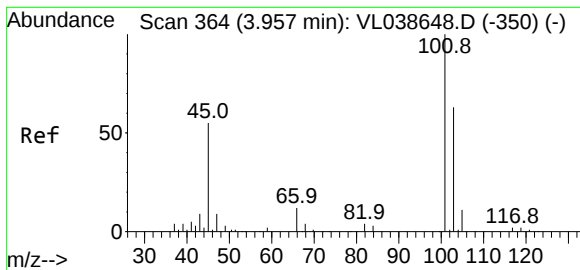
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#15
Acetone
Concen: 0.846 ppbv
RT: 3.864 min Scan# 335
Delta R.T. 0.022 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

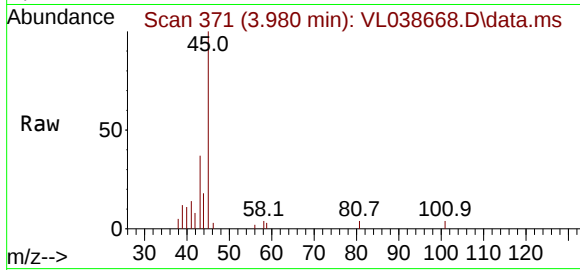
Tgt Ion: 43 Resp: 70822
Ion Ratio Lower Upper
43 100
58 22.3 23.3 34.9#





#19
Isopropyl Alcohol
Concen: 0.439 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

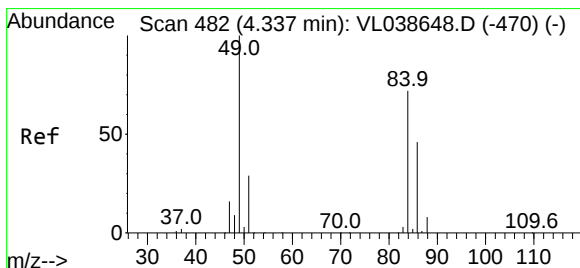
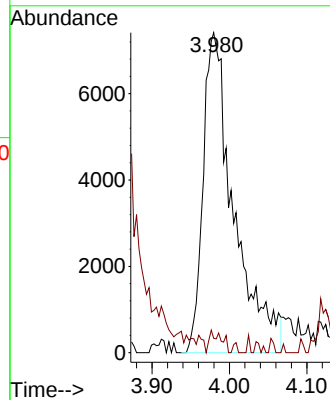
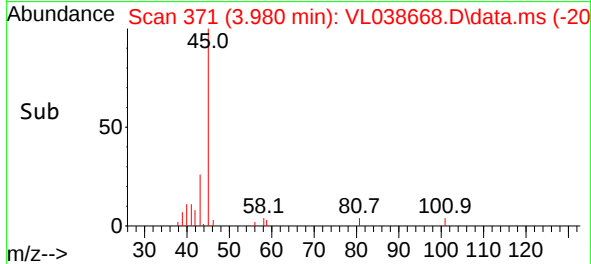
Instrument :
MSVOA_L
ClientSampleId :
COP81DL



Tgt Ion: 45 Resp: 20398
Ion Ratio Lower Upper
45 100
58 0.0 2.3 3.5

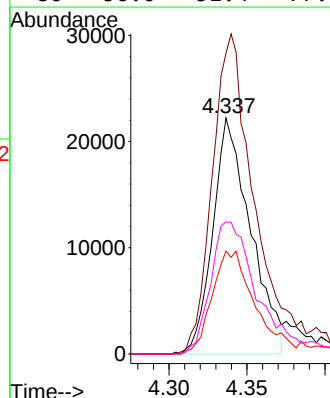
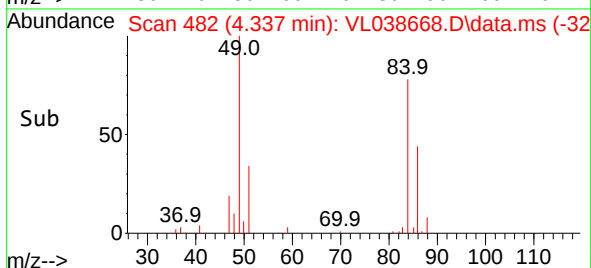
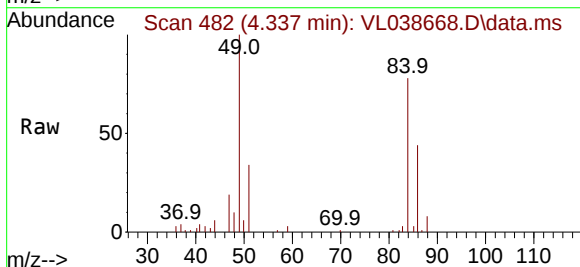
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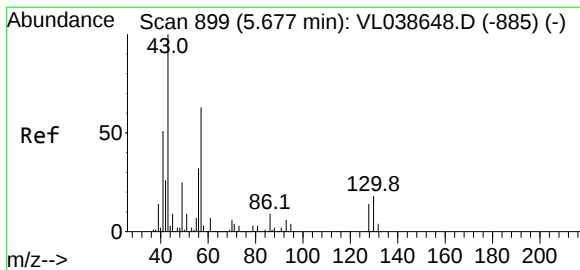
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#20
Methylene Chloride
Concen: 1.061 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.000 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

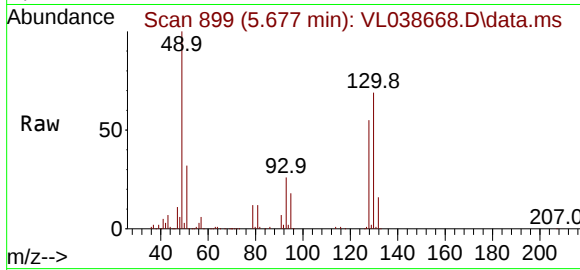
Tgt Ion: 84 Resp: 37437
Ion Ratio Lower Upper
84 100
49 126.7 111.2 166.8
51 43.6 32.8 49.2
86 56.0 51.4 77.0





#26
Hexane
Concen: 0.229 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. -0.000 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

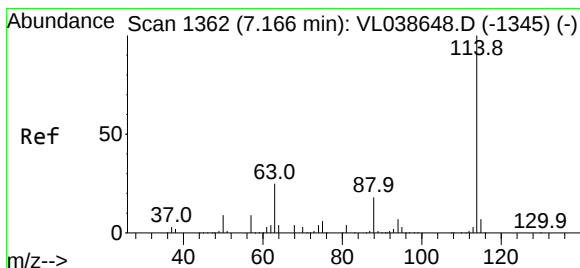
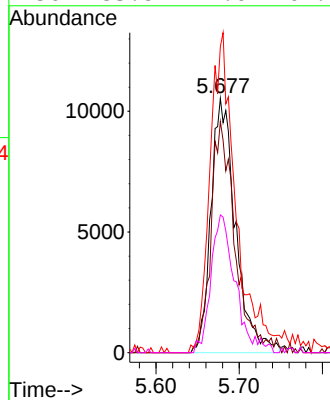
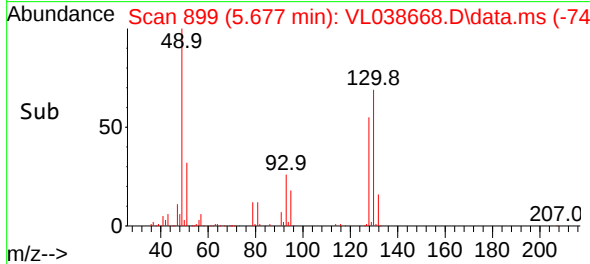
Instrument :
MSVOA_L
ClientSampleId :
COP81DL



Tgt Ion: 57 Resp: 21642
Ion Ratio Lower Upper
57 100
41 90.0 67.0 100.4
43 0.0 184.2 276.2
56 53.8 42.6 64.0

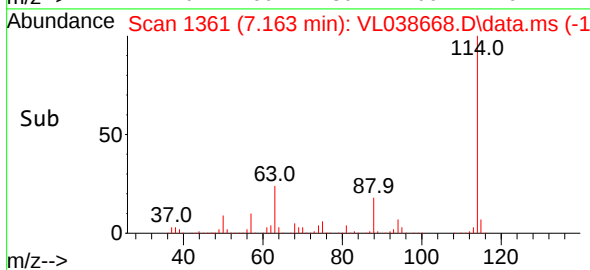
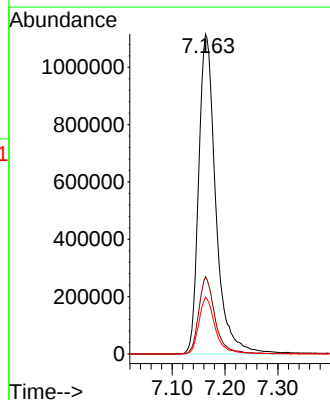
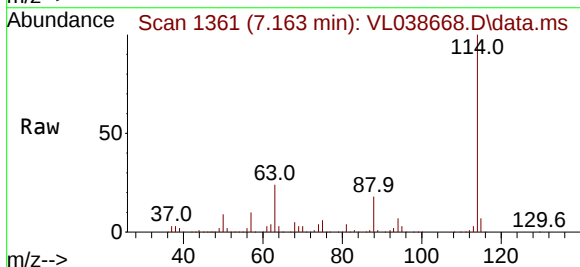
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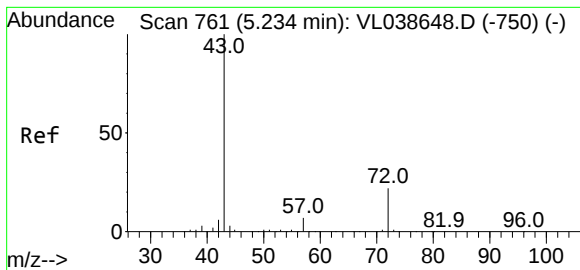
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

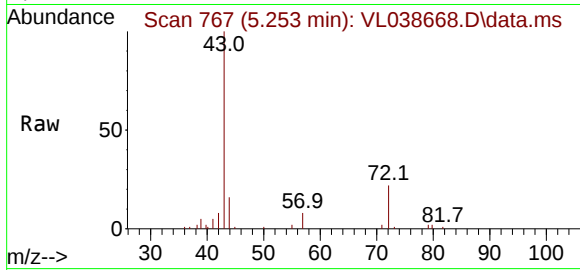
Tgt Ion:114 Resp: 2503917
Ion Ratio Lower Upper
114 100
63 23.4 19.4 29.0
88 17.0 13.9 20.9





#34
2-Butanone
Concen: 0.298 ppbv
RT: 5.253 min Scan# 761
Delta R.T. 0.019 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

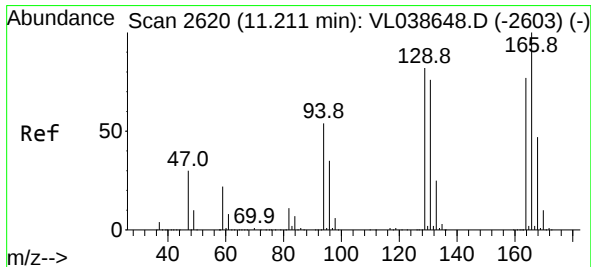
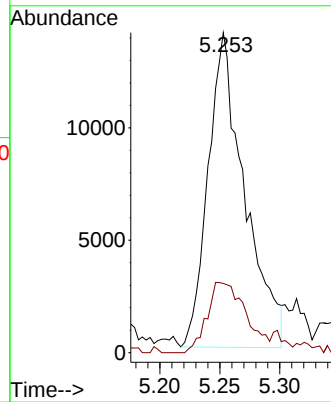
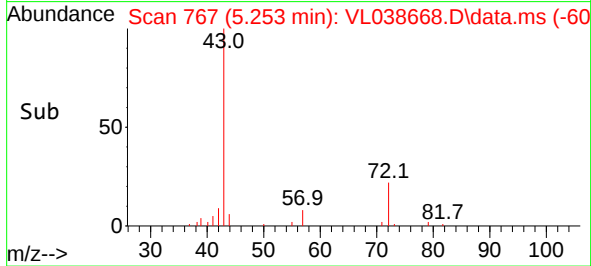
Instrument :
MSVOA_L
ClientSampleId :
COP81DL



Tgt Ion: 43 Resp: 2953
Ion Ratio Lower Upper
43 100
72 28.0 17.8 26.8

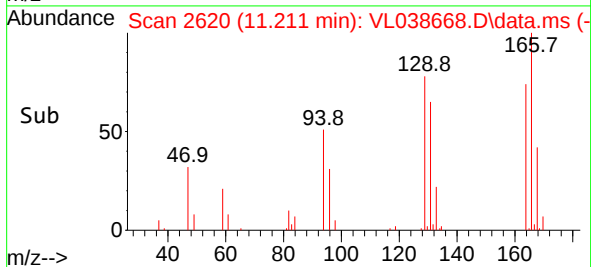
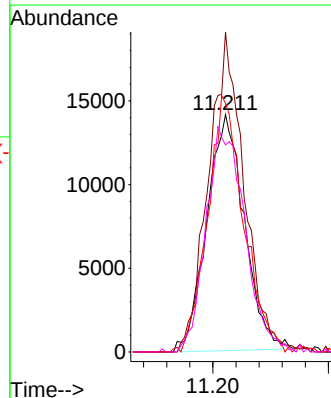
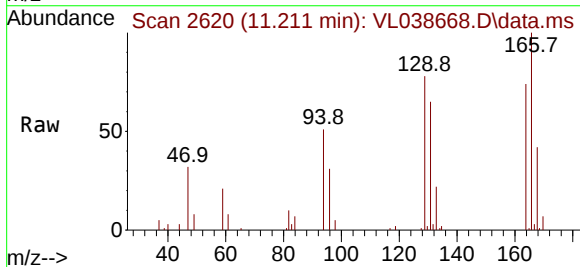
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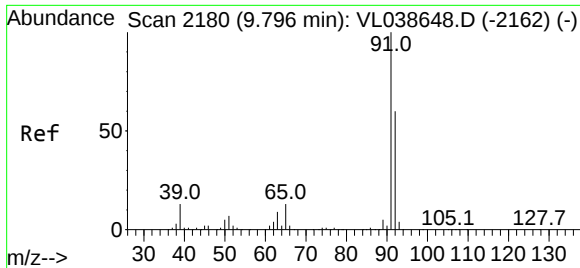
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#52
Tetrachloroethene
Concen: 0.446 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. -0.000 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

Tgt Ion:164 Resp: 31511
Ion Ratio Lower Upper
164 100
166 135.4 103.3 154.9
129 111.3 85.2 127.8
131 91.3 78.3 117.5





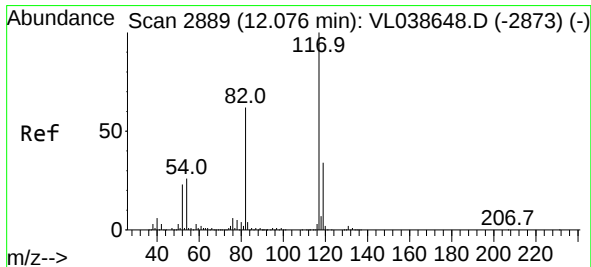
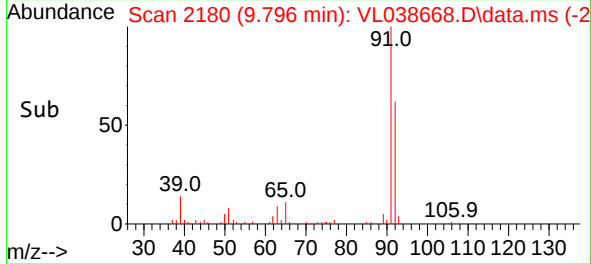
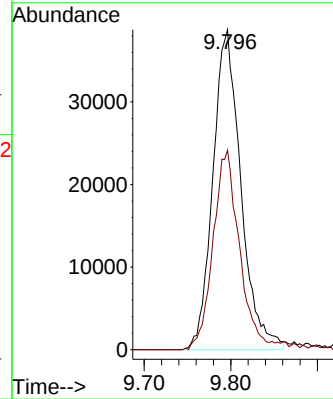
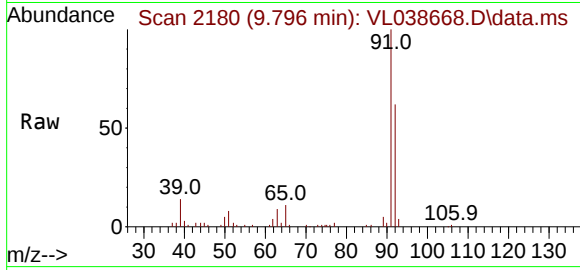
#53
Toluene
Concen: 0.419 ppbv
RT: 9.796 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

Instrument :
MSVOA_L
ClientSampleId :
COP81DL

Tgt Ion: 91 Resp: 8693
Ion Ratio Lower Upper
91 100
92 60.2 48.7 73.1

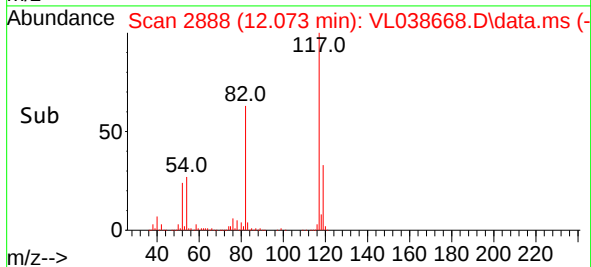
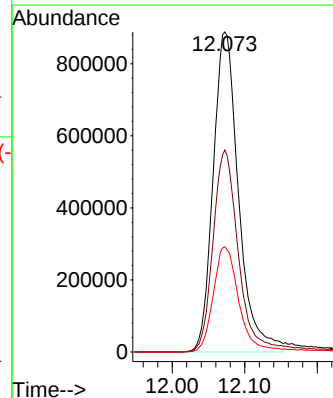
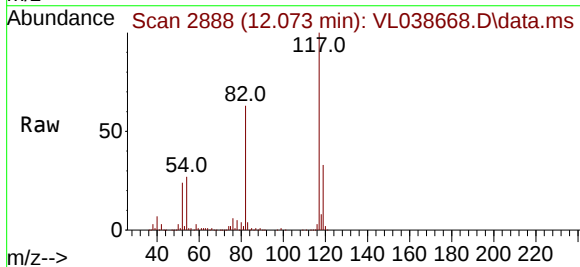
Manual Integrations
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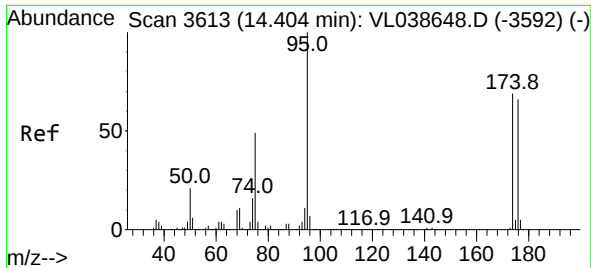
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.073 min Scan# 2888
Delta R.T. -0.003 min
Lab File: VL038668.D
Acq: 22 Mar 2022 2:37

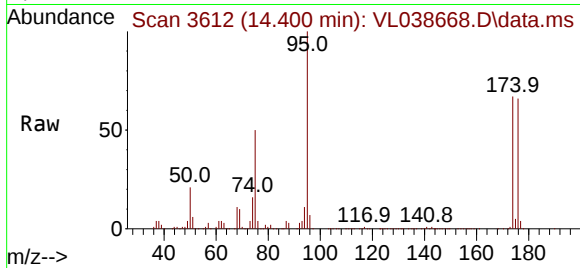
Tgt Ion:117 Resp: 2165553
Ion Ratio Lower Upper
117 100
82 65.3 51.6 77.4
119 34.7 26.9 40.3





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.705 ppbv
 RT: 14.400 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038668.D
 Acq: 22 Mar 2022 2:37

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P81DL



Tgt Ion: 95 Resp: 161129

Ion	Ratio	Lower	Upper
95	100		
174	72.9	56.1	84.1
175	5.2	4.2	6.2

Manual Integrations
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