

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038711.D
 Acq On : 23 Mar 2022 9:51
 Operator : SY/AP
 Sample : N1961-14DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P77DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022
 Supervised By :Mahesh Dadoda 03/25/2022

Quant Time: Mar 24 02:54:34 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-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	5.648	49	671545	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	1783972	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.057	117	1542921	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.388	95	1142806	9.661	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
						Qvalue
3) Chlorodifluoromethane	2.980	51	10319	0.145	ppbv	95
13) Ethanol	3.613	45	8070m	2.136	ppbv	
20) Methylene Chloride	4.330	84	62753	2.571	ppbv	96
26) Hexane	5.671	57	44639	0.684	ppbv #	54
30) Cyclohexane	7.115	84	26749m	0.471	ppbv	
53) Toluene	9.780	91	1142149	7.720	ppbv	100

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

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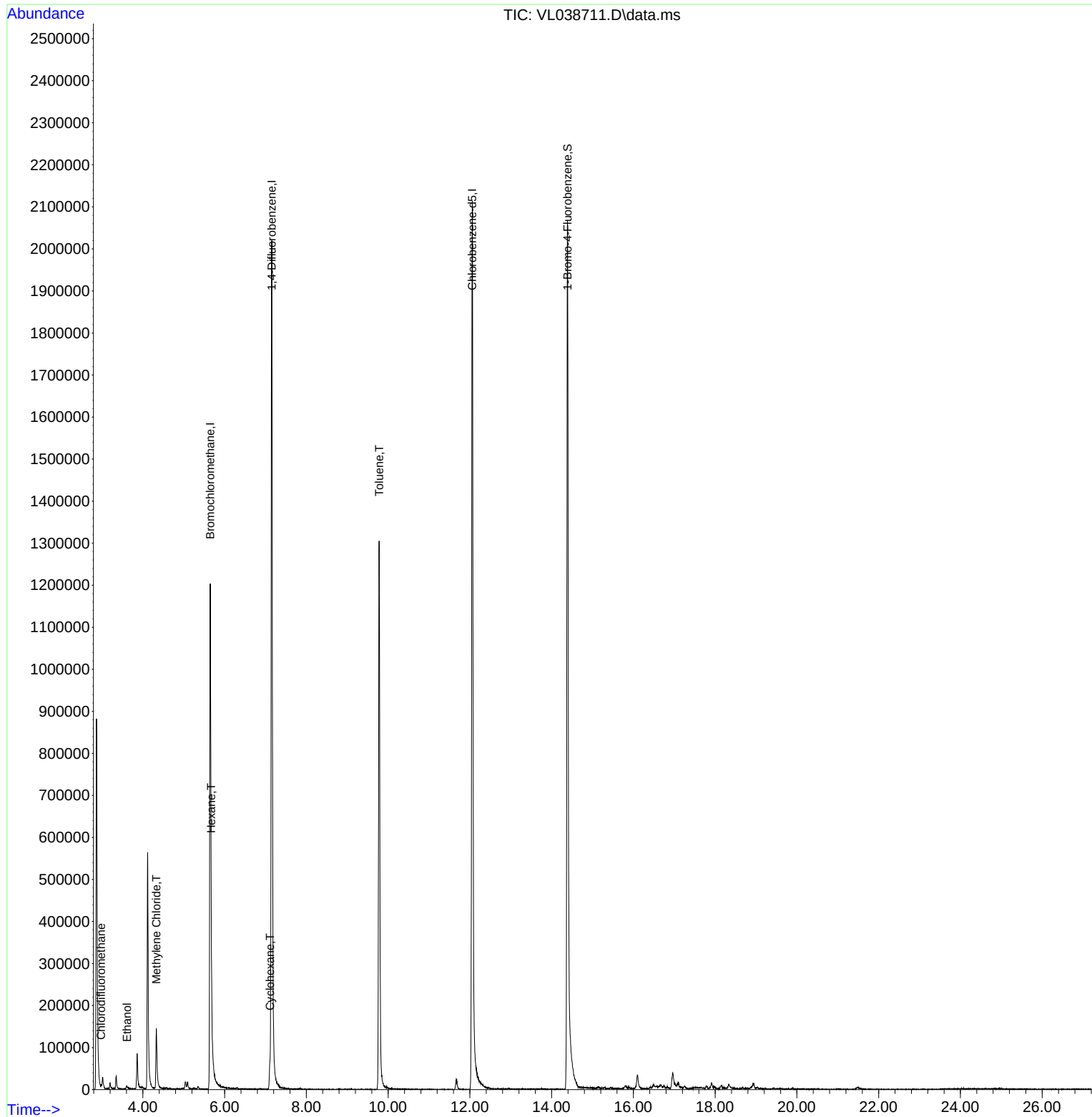
Quant Time: Mar 24 02:54:34 2022

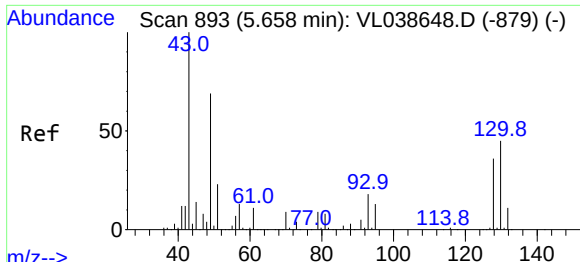
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

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

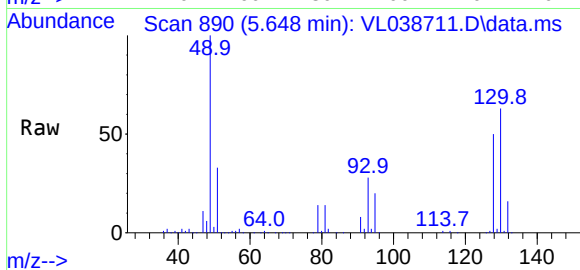
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 893
Delta R.T. -0.010 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

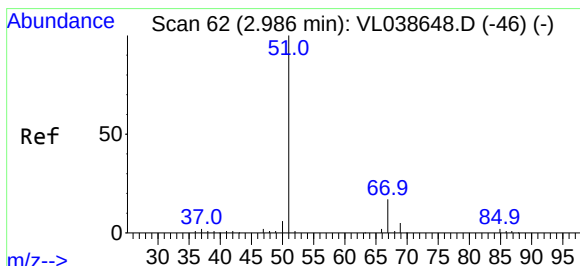
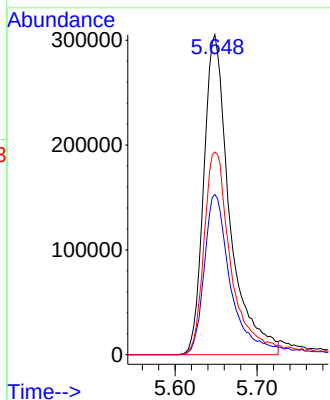
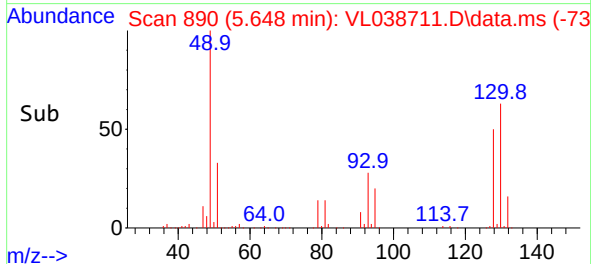
Instrument :
MSVOA_L
ClientSampleId :
COP77DL2



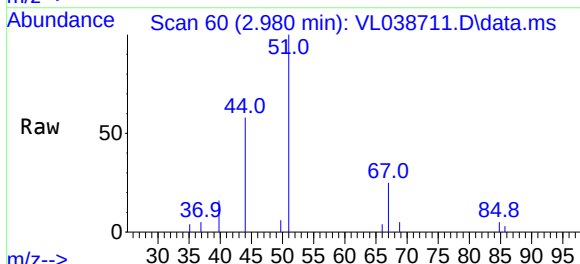
Tgt Ion: 49 Resp: 67154
Ion Ratio Lower Upper
49 100
128 54.2 26.2 78.6
130 70.1 33.7 101.1

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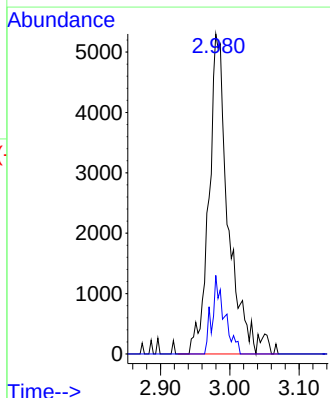
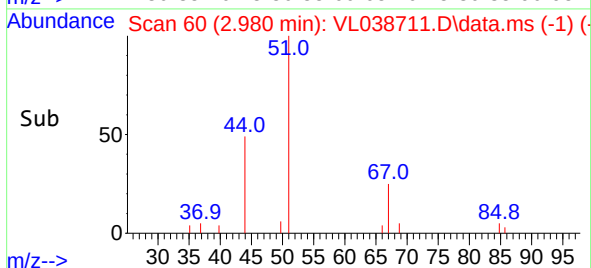
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022

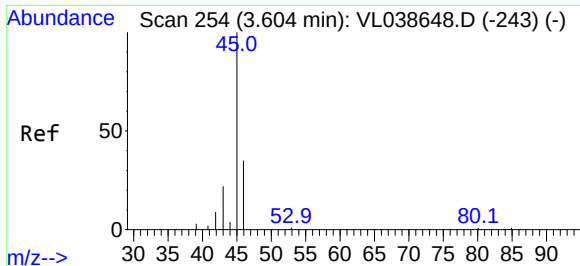


#3
Chlorodifluoromethane
Concen: 0.145 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51



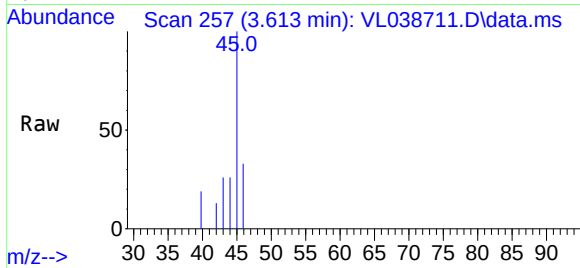
Tgt Ion: 51 Resp: 10319
Ion Ratio Lower Upper
51 100
67 15.6 14.1 21.1





#13
Ethanol
Concen: 2.136 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

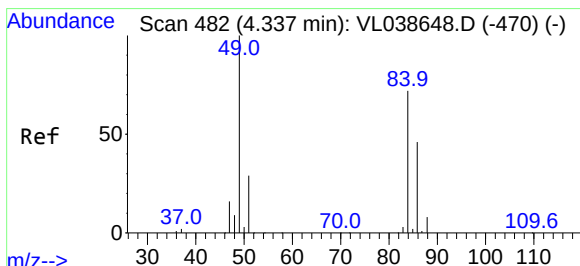
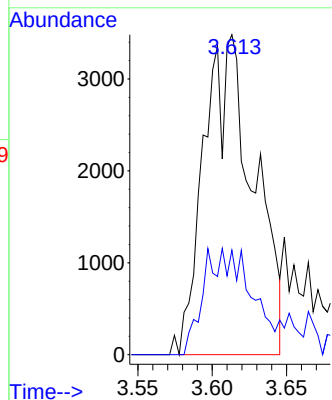
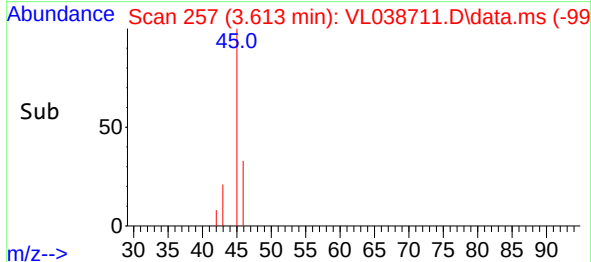
Instrument :
MSVOA_L
ClientSampleId :
COP77DL2



Tgt Ion: 45 Resp: 8070
Ion Ratio Lower Upper
45 100
46 39.4 15.1 60.5

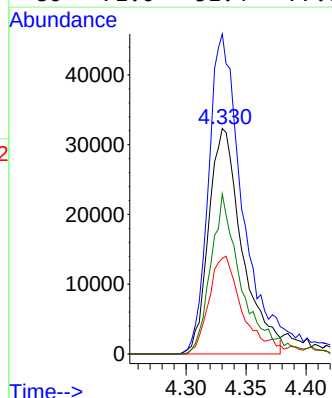
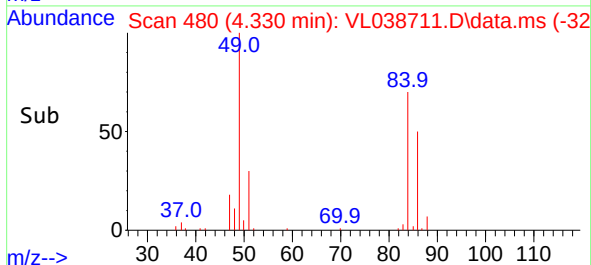
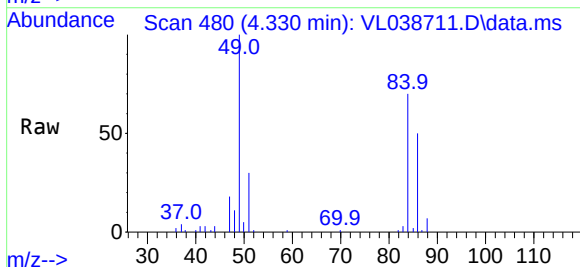
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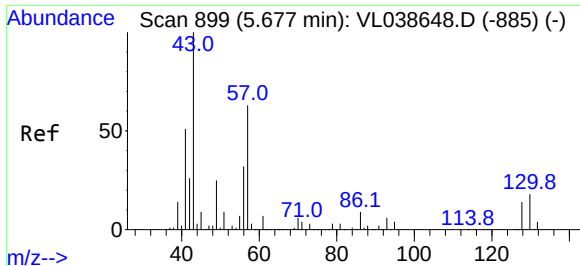
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#20
Methylene Chloride
Concen: 2.571 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.006 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

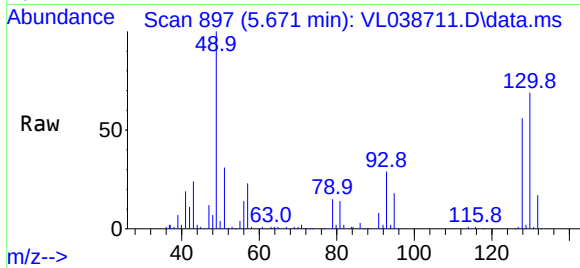
Tgt Ion: 84 Resp: 62753
Ion Ratio Lower Upper
84 100
49 142.0 111.2 166.8
51 42.4 32.8 49.2
86 71.0 51.4 77.0





#26
Hexane
Concen: 0.684 ppbv
RT: 5.671 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

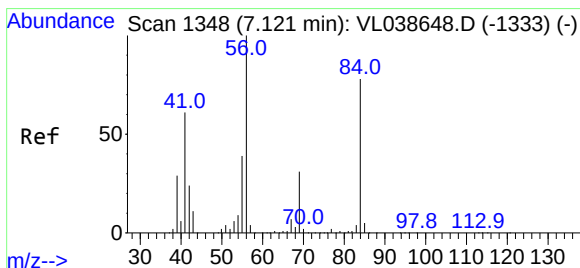
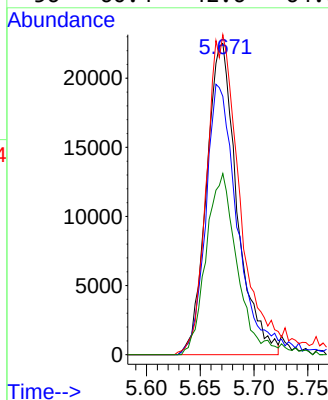
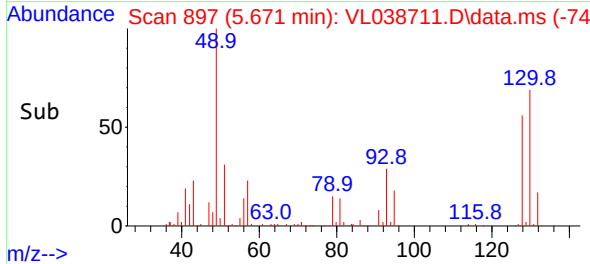
Instrument :
MSVOA_L
ClientSampleId :
COP77DL2



Tgt Ion: 57 Resp: 44639
Ion Ratio Lower Upper
57 100
41 93.0 67.0 100.4
43 117.8 184.2 276.2
56 60.4 42.6 64.0

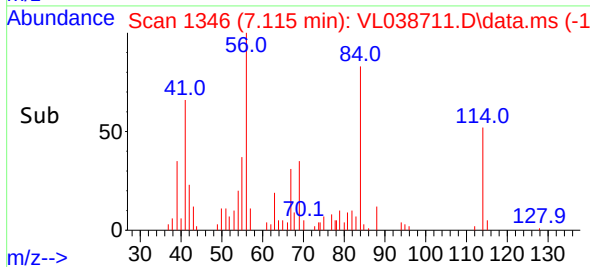
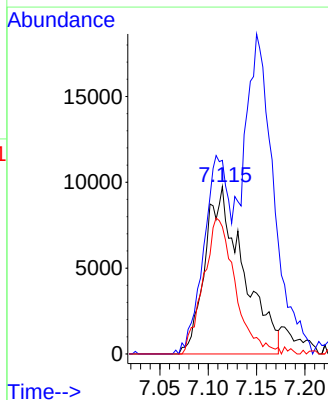
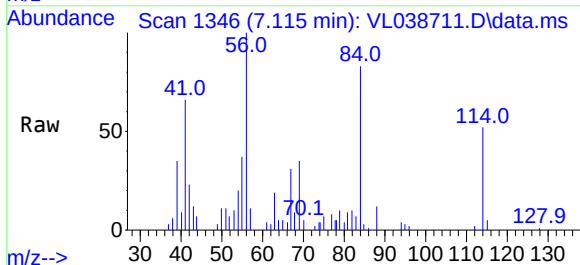
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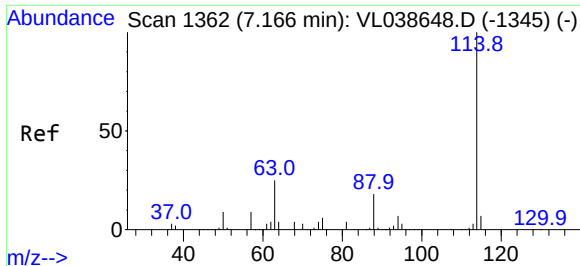
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#30
Cyclohexane
Concen: 0.471 ppbv m
RT: 7.115 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

Tgt Ion: 84 Resp: 26749
Ion Ratio Lower Upper
84 100
56 91.9 108.2 162.4
41 69.1 61.8 92.6





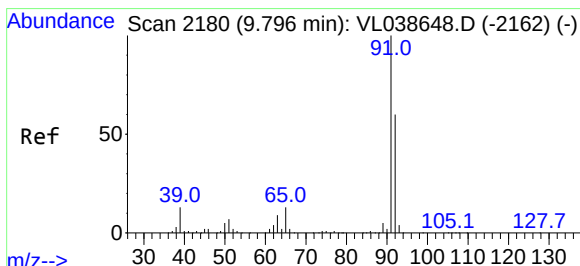
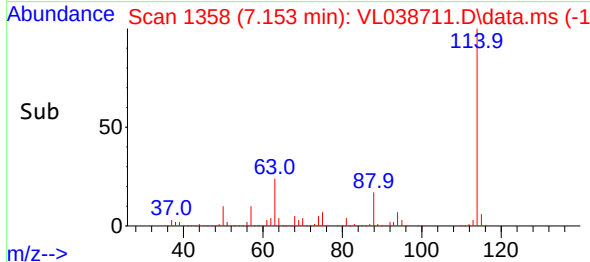
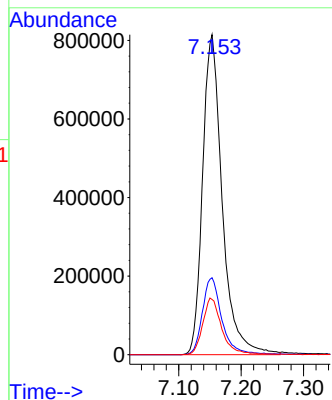
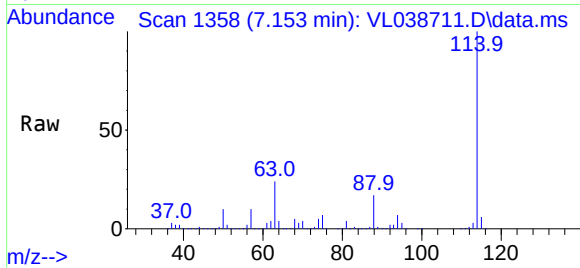
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 1114
Delta R.T. -0.013 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

Instrument :
MSVOA_L
ClientSampleId :
COP77DL2

Tgt Ion:114 Resp: 1783972
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.3 13.9 20.9

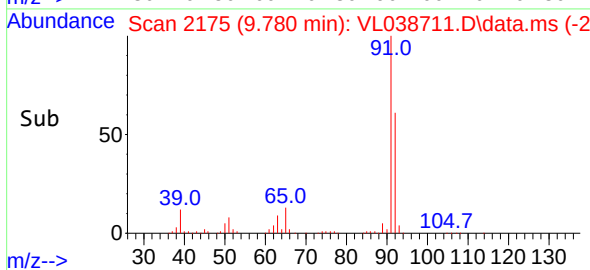
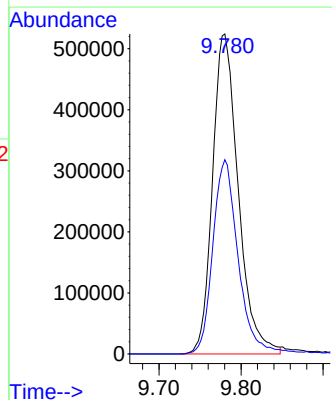
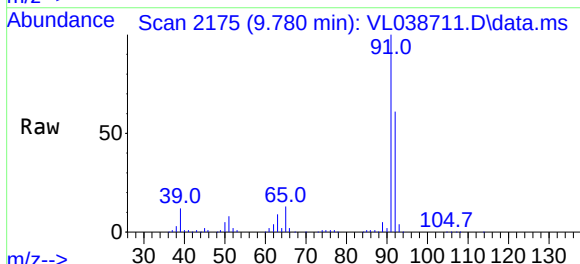
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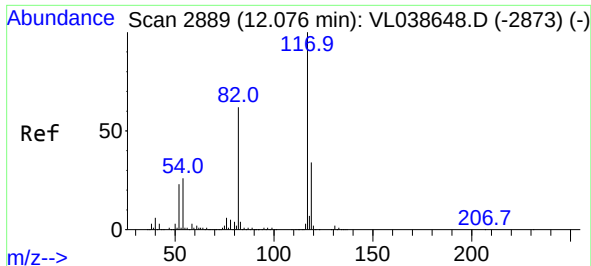
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/25/2022



#53
Toluene
Concen: 7.720 ppbv
RT: 9.780 min Scan# 2175
Delta R.T. -0.016 min
Lab File: VL038711.D
Acq: 23 Mar 2022 9:51

Tgt Ion: 91 Resp: 1142149
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.057 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL038711.D

Acq: 23 Mar 2022 9:51

Instrument :

MSVOA_L

ClientSampleId :

C0P77DL2

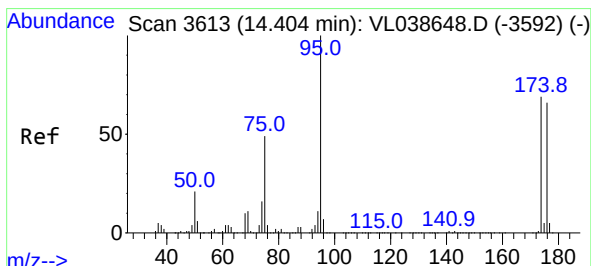
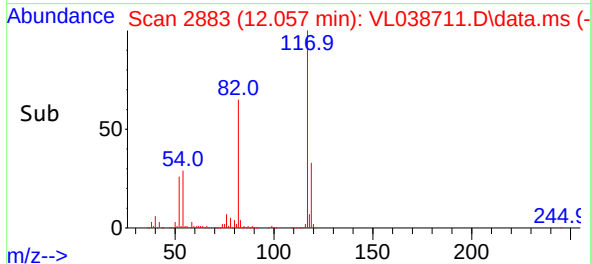
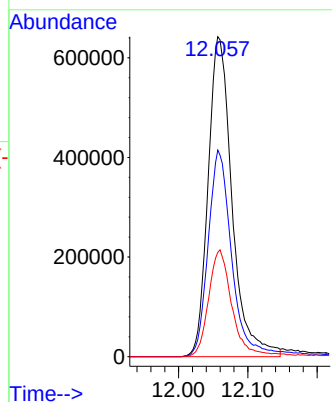
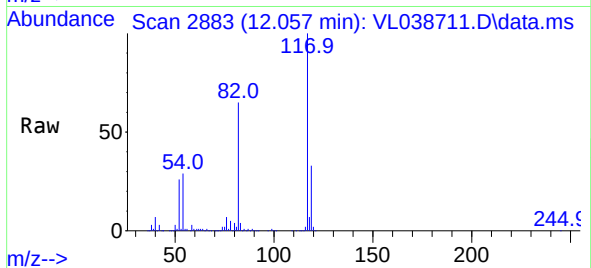
Tgt Ion: 117 Resp: 154292

Ion	Ratio	Lower	Upper
117	100		
82	65.2	51.6	77.4
119	34.1	26.9	40.3

Manual Integrations

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Supervised By :Mahesh Dadoda 03/25/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.661 ppbv

RT: 14.388 min Scan# 3608

Delta R.T. -0.016 min

Lab File: VL038711.D

Acq: 23 Mar 2022 9:51

Tgt Ion: 95 Resp: 1142806

Ion	Ratio	Lower	Upper
95	100		
174	71.3	56.1	84.1
175	5.0	4.2	6.2

