

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038665.D
 Acq On : 22 Mar 2022 00:40
 Operator : SY/AP
 Sample : N1964-10
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P80

Manual Integrations
 APPROVED

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

Quant Time: Mar 22 03:53:06 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 03:53:06 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	870990	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2179858	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	2015612	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.401	95	1533506	9.923	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.051	85	22108	0.189	ppbv	99
3) Chlorodifluoromethane	2.989	51	30140m	0.328	ppbv	
4) Chloromethane	3.144	50	17835	0.353	ppbv	99
9) Propene	3.012	41	83467	1.879	ppbv	88
11) Trichlorofluoromethane	3.948	101	22052	0.213	ppbv	95
13) Ethanol	3.597	45	434543	88.700	ppbv	99
15) Acetone	3.841	43	646635m	8.604	ppbv	
17) tert-Butyl alcohol	4.295	59	21899	0.334	ppbv #	73
19) Isopropyl Alcohol	3.964	45	137227	3.293	ppbv #	1
20) Methylene Chloride	4.340	84	324894	10.263	ppbv	96
22) trans-1,2-Dichloroethene	4.880	96	3954	0.107	ppbv	93
26) Hexane	5.677	57	158476	1.871	ppbv #	51
27) Carbon Disulfide	4.542	76	8179	0.098	ppbv #	72
29) Chloroform	5.745	83	20965	0.155	ppbv	100
30) Cyclohexane	7.121	84	19073m	0.259	ppbv	
31) cis-1,2-Dichloroethene	5.542	61	37571	0.472	ppbv #	86
34) 2-Butanone	5.237	43	1004938	11.648	ppbv	97
35) Carbon Tetrachloride	7.009	117	7476m	0.059	ppbv	
36) Benzene	6.880	78	47144	0.280	ppbv	94
38) Trichloroethene	7.822	130	38809	0.551	ppbv	91
41) Tetrahydrofuran	6.050	42	54255	0.845	ppbv	96
44) 2,2,4-Trimethylpentane	7.857	57	153710	0.544	ppbv #	85
50) 4-Methyl-2-Pentanone	8.748	43	21750m	0.136	ppbv	
51) 2-Hexanone	10.131	43	53430	0.464	ppbv #	95
52) Tetrachloroethene	11.211	164	680347	11.051	ppbv	98
53) Toluene	9.793	91	1018267	5.633	ppbv	99
58) Ethyl Benzene	12.696	91	57584	0.244	ppbv	95
59) m/p-Xylene	12.954	91	112655	0.547	ppbv	97
60) o-Xylene	13.677	91	51137	0.261	ppbv	99
61) Styrene	13.516	104	28360m	0.267	ppbv	
62) Isopropylbenzene	14.655	105	63820	0.217	ppbv	98
69) p-Isopropyltoluene	17.632	119	69989	0.227	ppbv	94
74) 1,2,4-Trimethylbenzene	16.748	105	25193	0.110	ppbv #	72

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

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

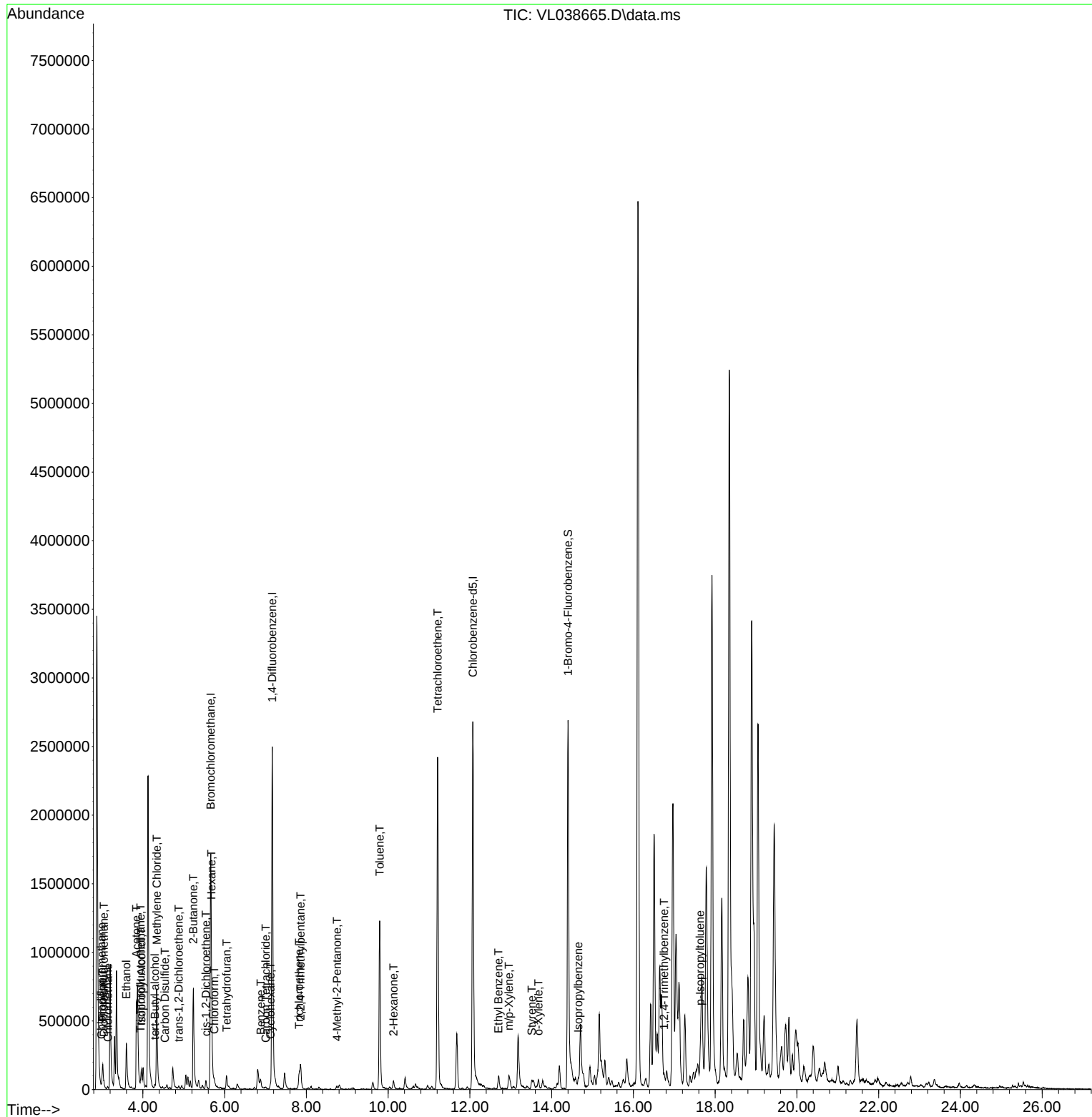
Quant Time: Mar 22 03:53:06 2022

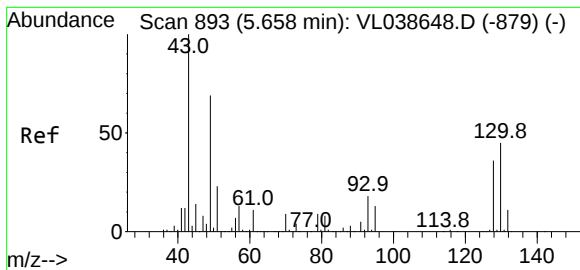
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar

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

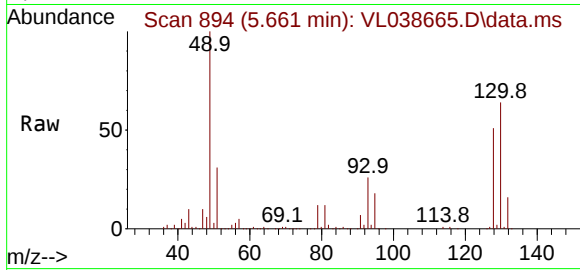
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

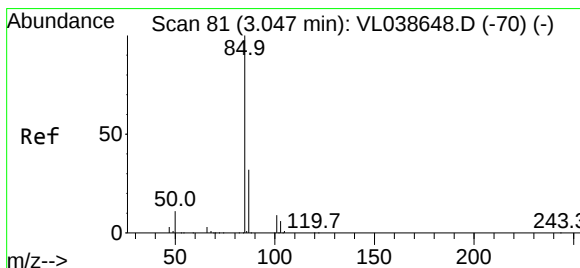
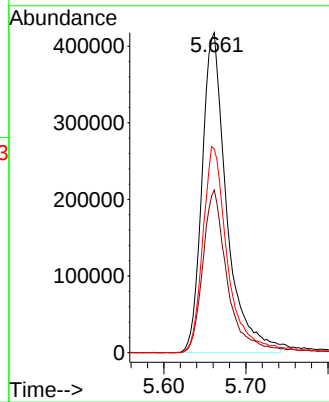
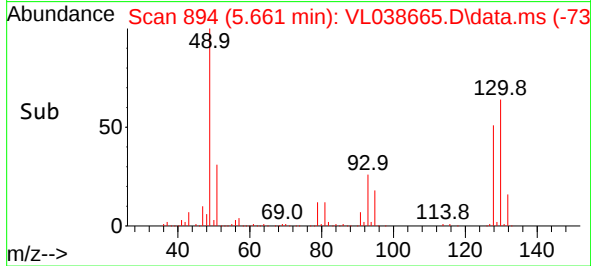
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 49 Resp: 870990
Ion Ratio Lower Upper
49 100
128 51.9 26.2 78.6
130 66.6 33.7 101.1

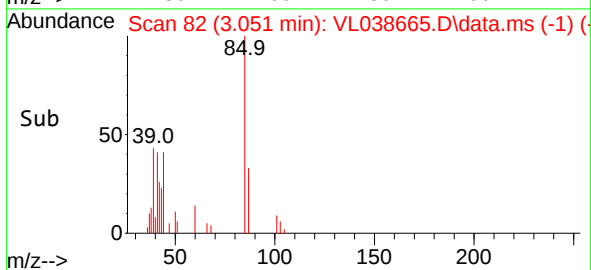
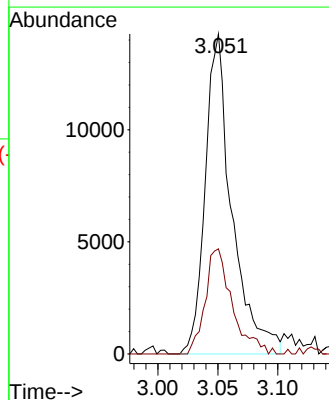
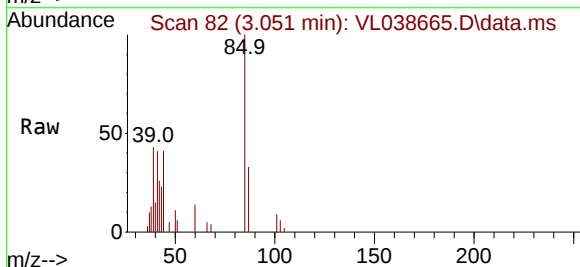
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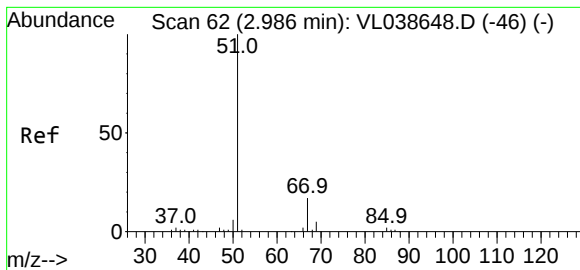
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#2
Dichlorodifluoromethane
Concen: 0.189 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 85 Resp: 22108
Ion Ratio Lower Upper
85 100
87 32.9 26.0 39.0





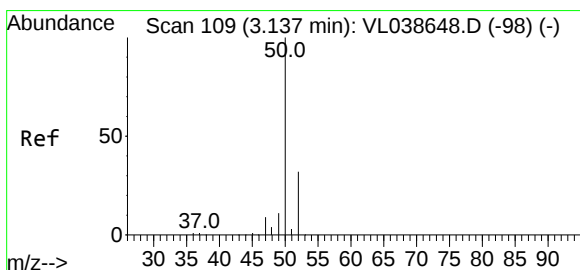
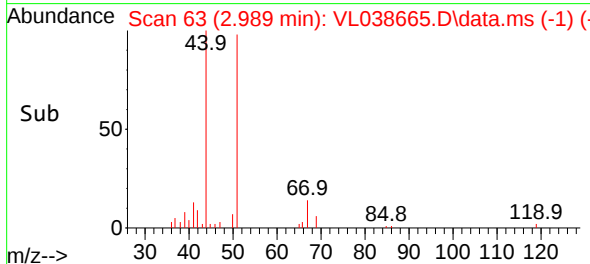
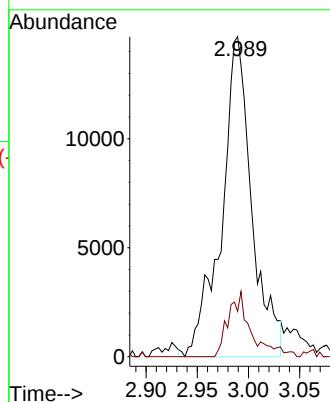
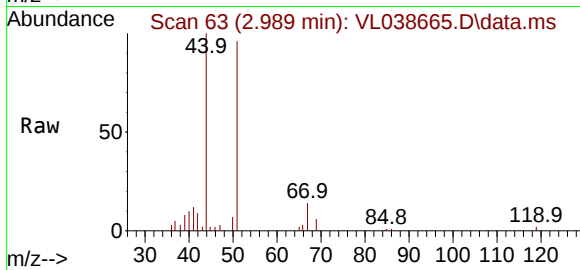
#3
Chlorodifluoromethane
Concen: 0.328 ppbv m
RT: 2.989 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
COP80

Tgt Ion: 51 Resp: 30140
Ion Ratio Lower Upper
51 100
67 0.8 14.1 21.1

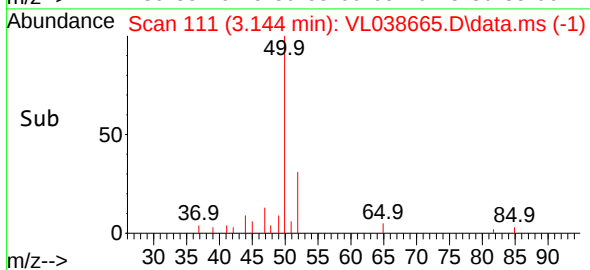
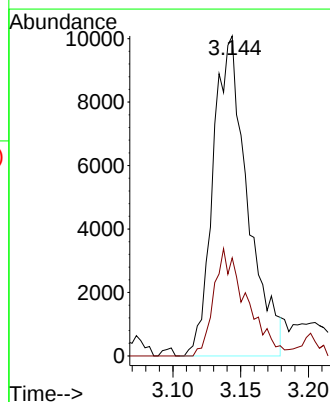
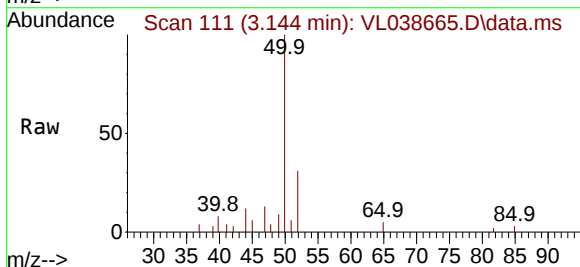
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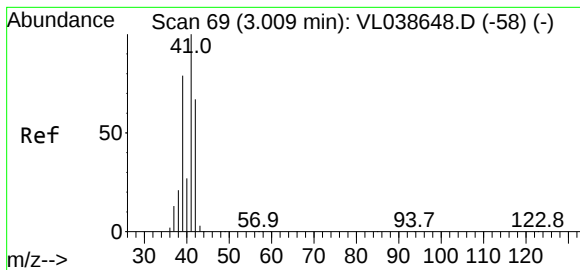
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#4
Chloromethane
Concen: 0.353 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 50 Resp: 17835
Ion Ratio Lower Upper
50 100
52 31.3 25.5 38.3





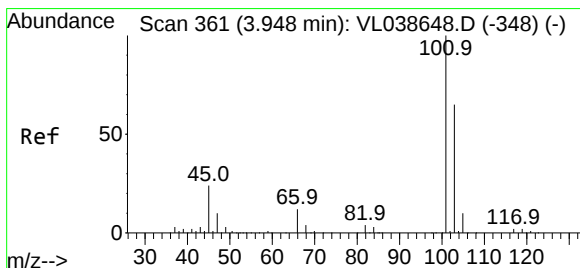
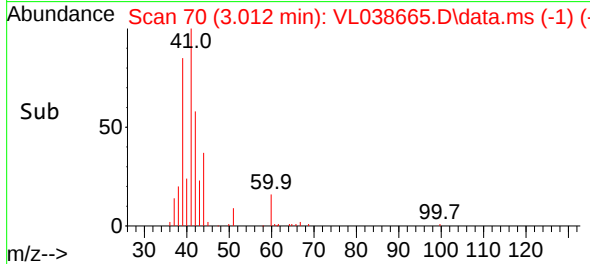
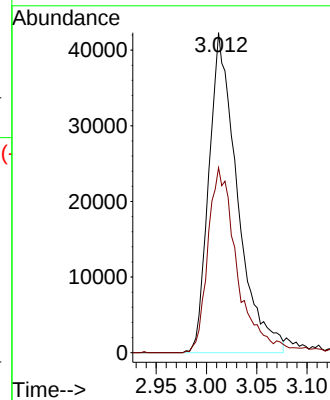
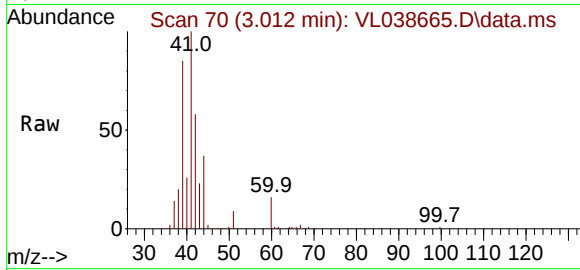
#9
Propene
Concen: 1.879 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
COP80

Tgt Ion: 41 Resp: 8346
Ion Ratio Lower Upper
41 100
42 60.5 56.2 84.4

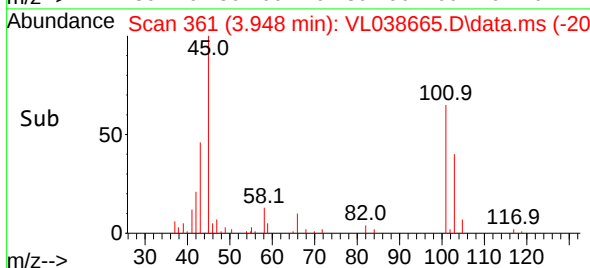
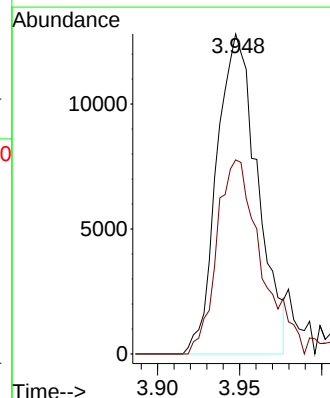
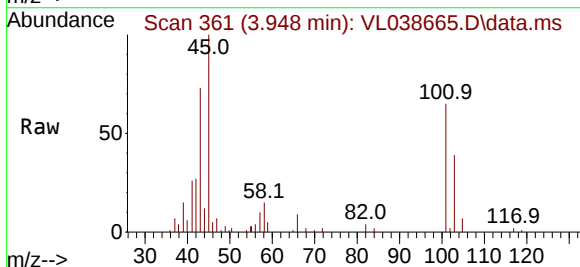
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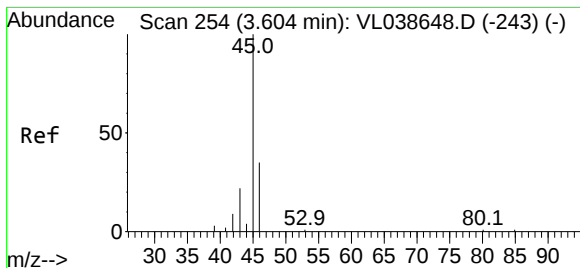
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#11
Trichlorofluoromethane
Concen: 0.213 ppbv
RT: 3.948 min Scan# 361
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

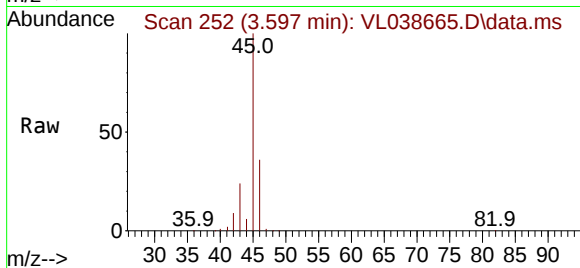
Tgt Ion:101 Resp: 22052
Ion Ratio Lower Upper
101 100
103 60.7 51.9 77.9





#13
Ethanol
Concen: 88.700 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

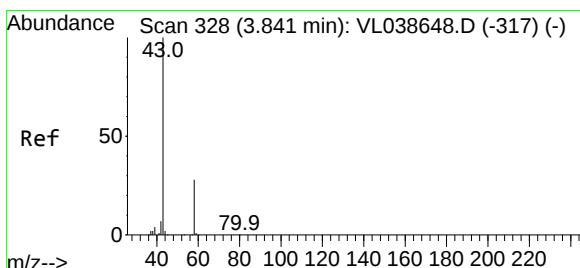
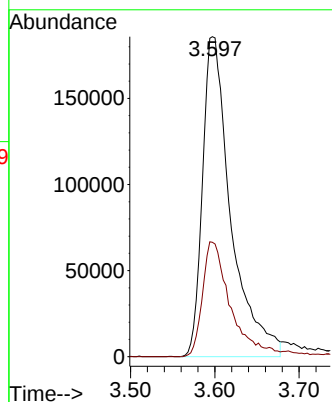
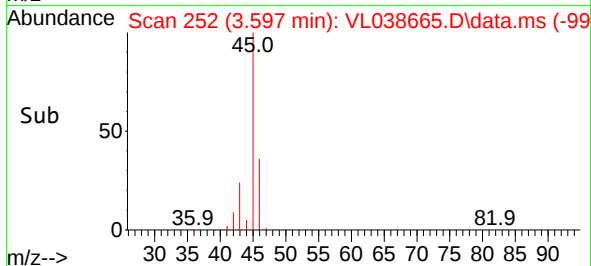
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 45 Resp: 43454
Ion Ratio Lower Upper
45 100
46 37.3 15.1 60.5

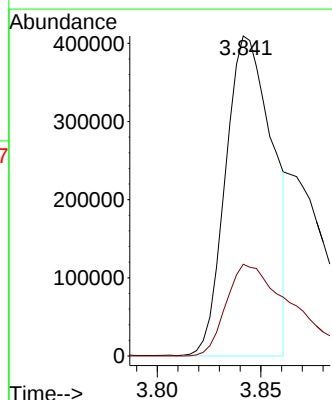
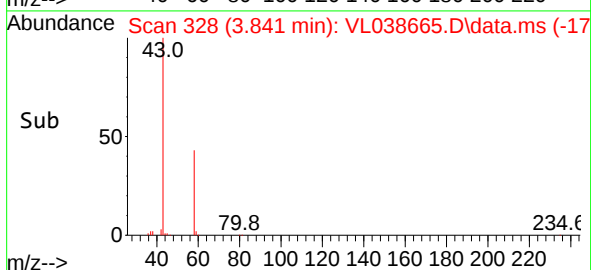
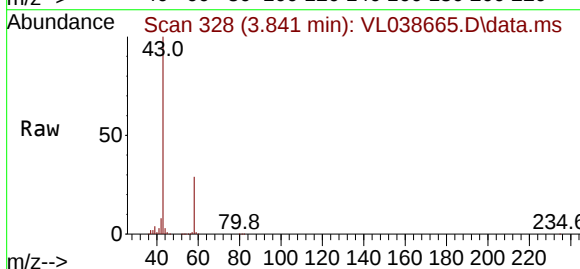
Manual Integrations
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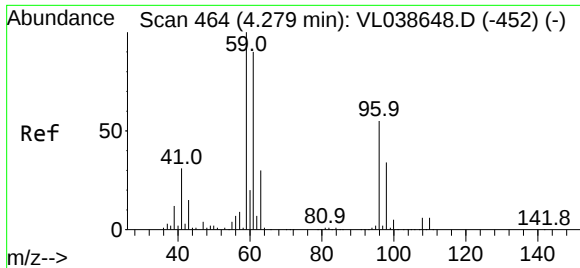
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#15
Acetone
Concen: 8.604 ppbv m
RT: 3.841 min Scan# 328
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 43 Resp: 646635
Ion Ratio Lower Upper
43 100
58 44.3 23.3 34.9#





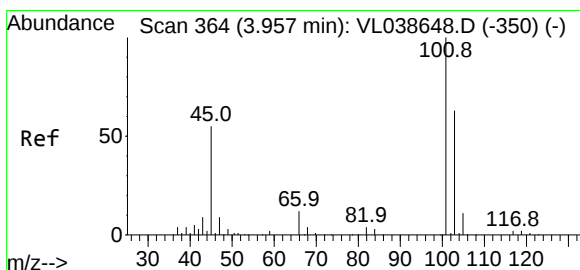
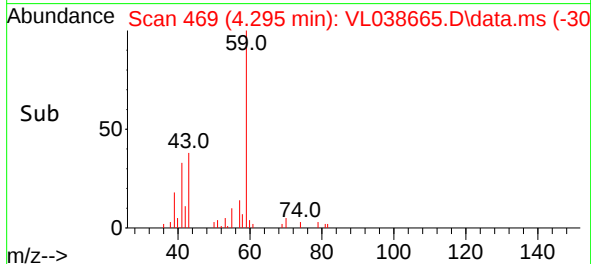
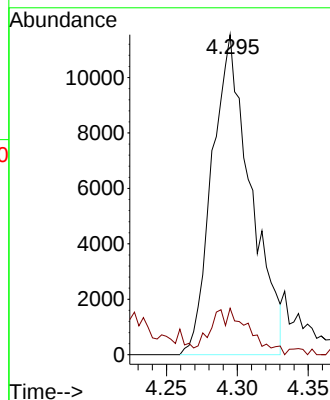
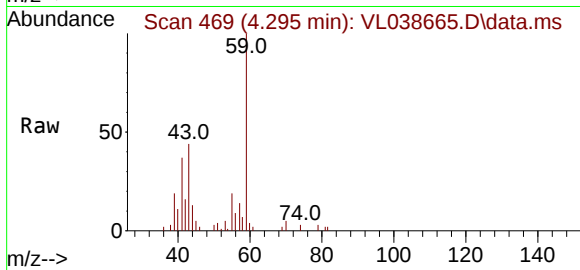
#17
tert-Butyl alcohol
Concen: 0.334 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.016 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
COP80

Tgt Ion: 59 Resp: 2189
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2

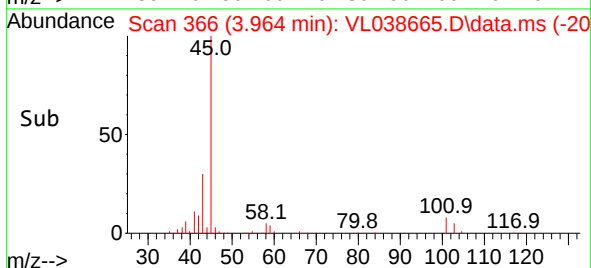
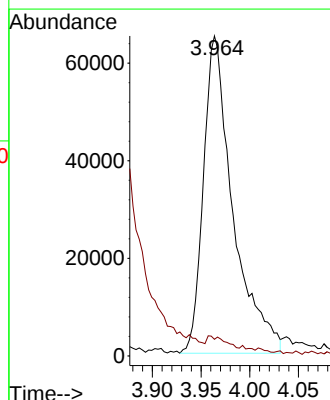
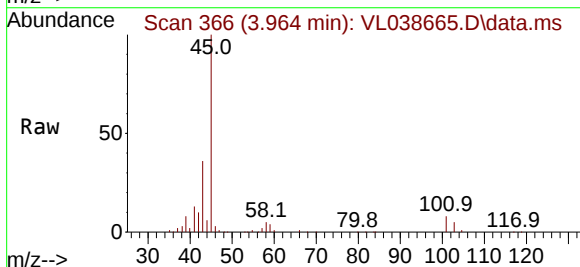
Manual Integrations
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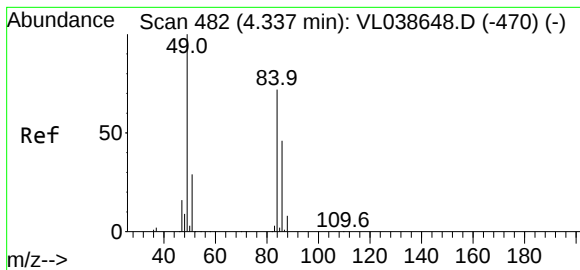
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#19
Isopropyl Alcohol
Concen: 3.293 ppbv
RT: 3.964 min Scan# 366
Delta R.T. 0.006 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

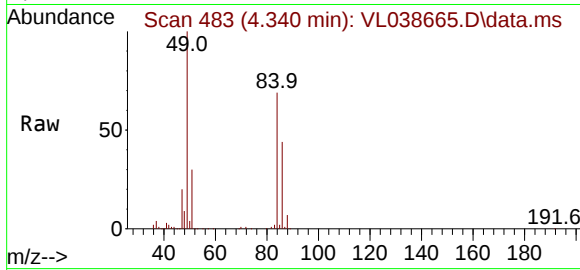
Tgt Ion: 45 Resp: 137227
Ion Ratio Lower Upper
45 100
58 209.0 2.3 3.5





#20
Methylene Chloride
Concen: 10.263 ppbv
RT: 4.340 min Scan# 482
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

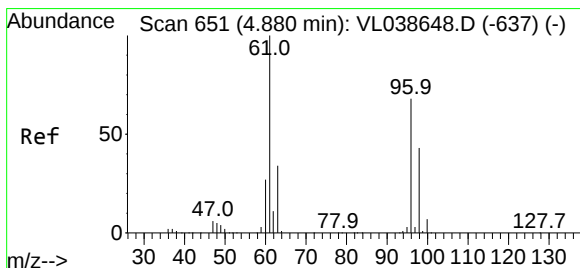
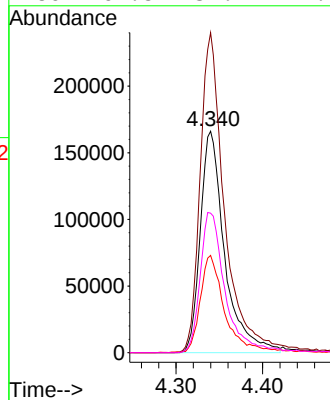
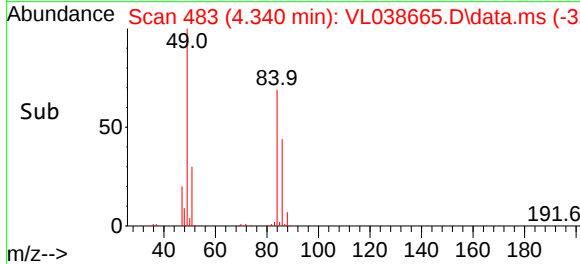
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 84 Resp: 324894
Ion Ratio Lower Upper
84 100
49 143.9 111.2 166.8
51 43.9 32.8 49.2
86 62.8 51.4 77.0

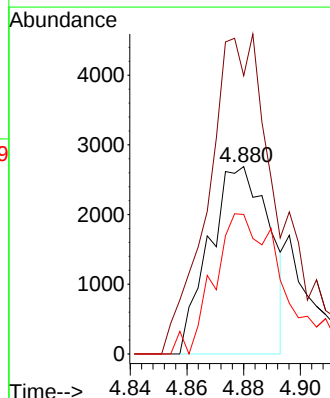
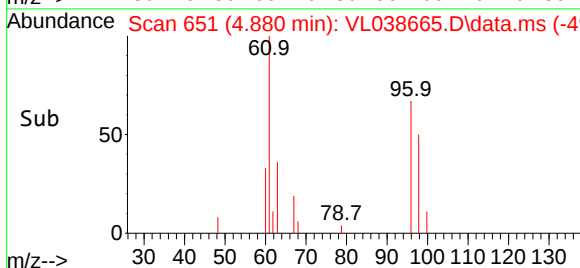
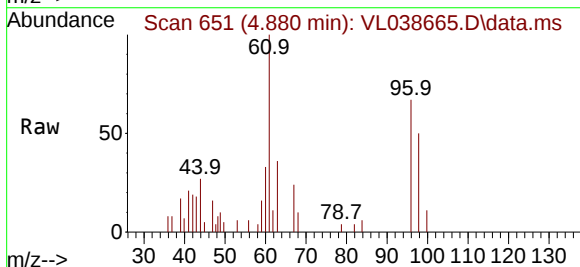
Manual Integrations
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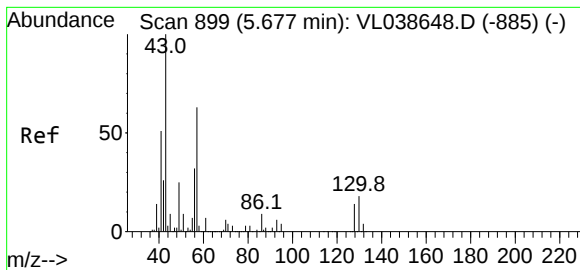
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#22
trans-1,2-Dichloroethene
Concen: 0.107 ppbv
RT: 4.880 min Scan# 651
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

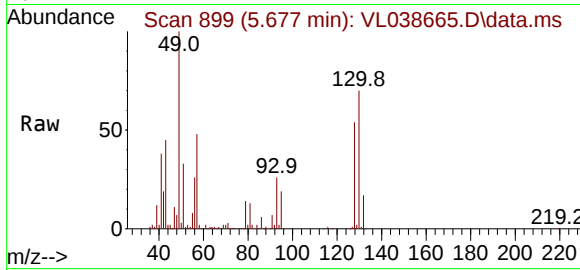
Tgt Ion: 96 Resp: 3954
Ion Ratio Lower Upper
96 100
61 136.6 118.3 177.5
98 62.5 51.3 76.9





#26
Hexane
Concen: 1.871 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

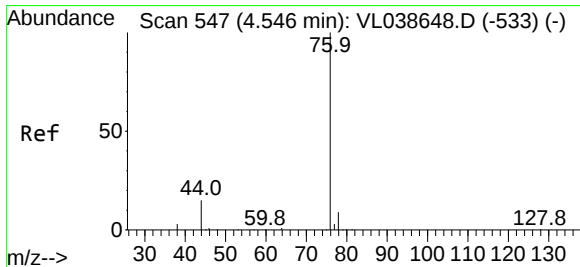
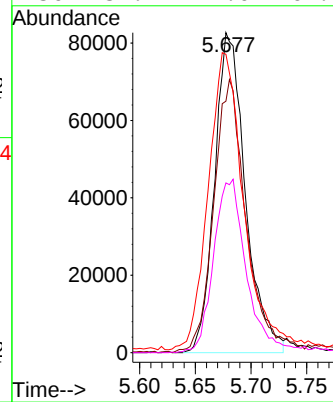
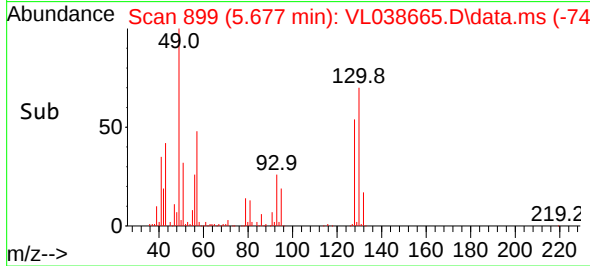
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 57 Resp: 158470
Ion Ratio Lower Upper
57 100
41 92.0 67.0 100.4
43 108.9 184.2 276.2
56 59.2 42.6 64.0

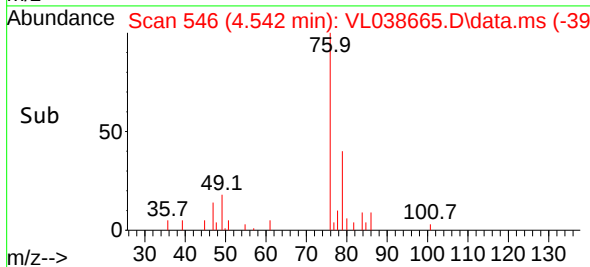
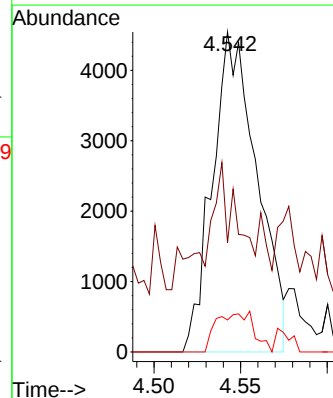
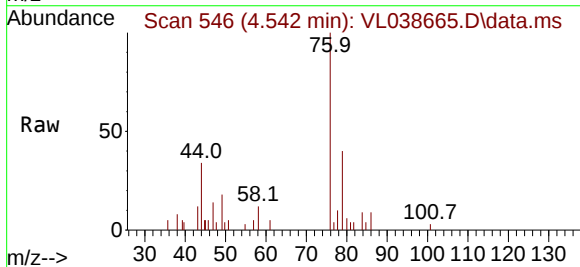
Manual Integrations
APPROVED

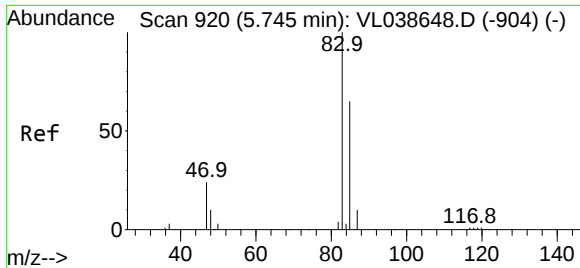
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#27
Carbon Disulfide
Concen: 0.098 ppbv
RT: 4.542 min Scan# 546
Delta R.T. -0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion: 76 Resp: 8179
Ion Ratio Lower Upper
76 100
44 32.5 12.4 18.6#
78 12.6 7.8 11.8#





#29

Chloroform

Concen: 0.155 ppbv

RT: 5.745 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

COP80

Tgt Ion: 83 Resp: 2096

Ion Ratio Lower Upper

83 100

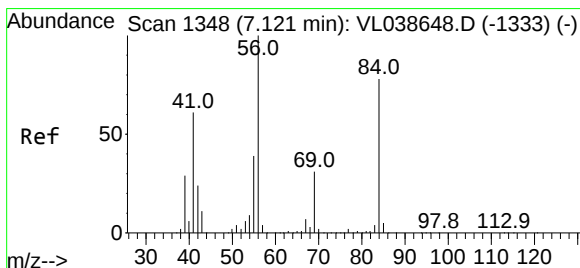
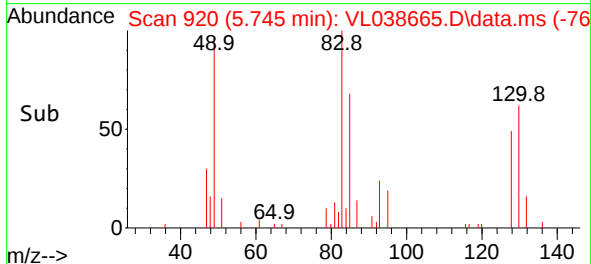
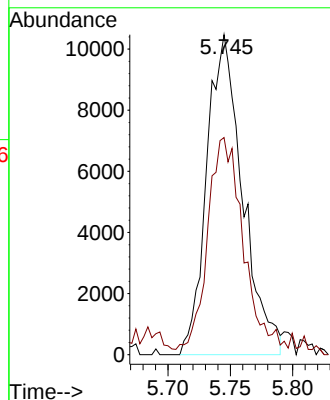
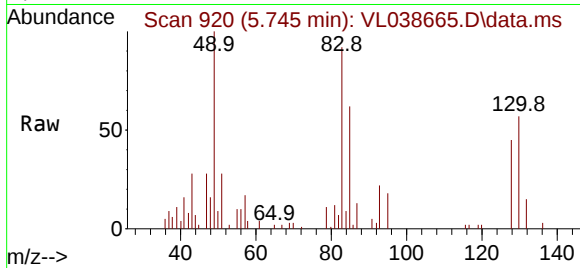
85 64.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/24/2022



#30

Cyclohexane

Concen: 0.259 ppbv m

RT: 7.121 min Scan# 1348

Delta R.T. -0.000 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

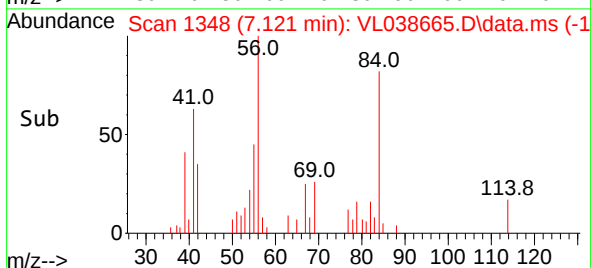
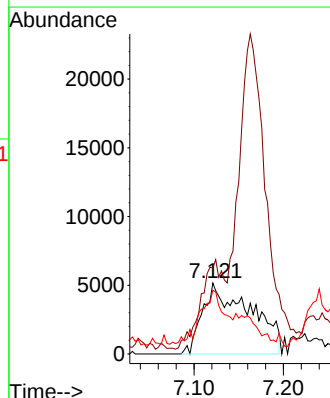
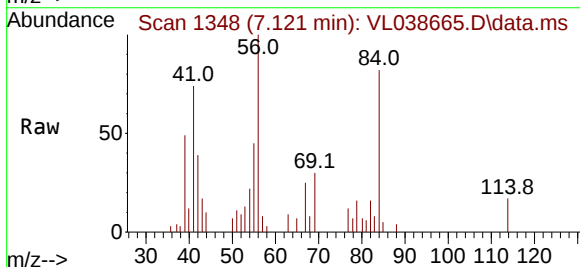
Tgt Ion: 84 Resp: 19073

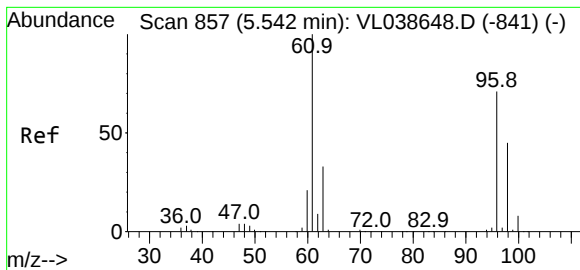
Ion Ratio Lower Upper

84 100

56 0.0 108.2 162.4#

41 79.2 61.8 92.6





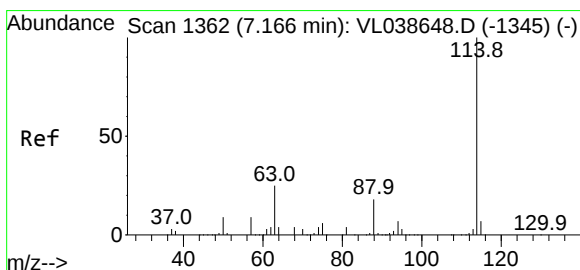
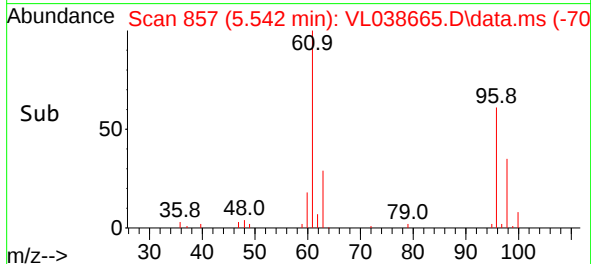
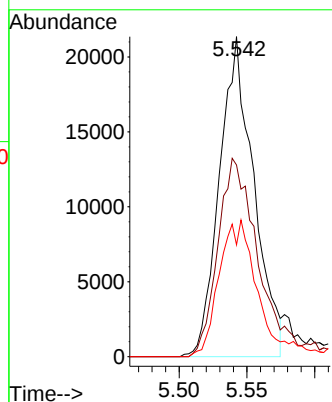
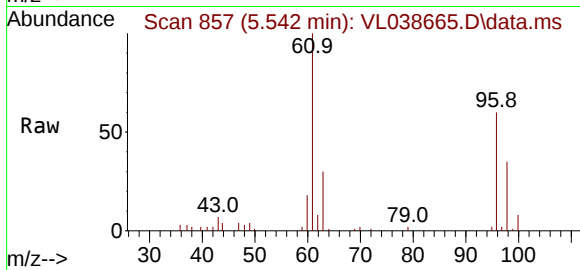
#31
cis-1,2-Dichloroethene
Concen: 0.472 ppbv
RT: 5.542 min Scan# 857
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Instrument :
MSVOA_L
ClientSampleId :
COP80

Tgt Ion: 61 Resp: 3757
Ion Ratio Lower Upper
61 100
96 59.9 56.6 84.8
98 34.9 36.3 54.5

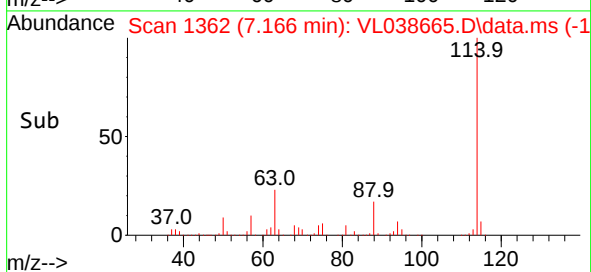
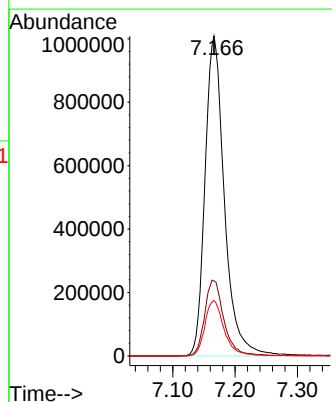
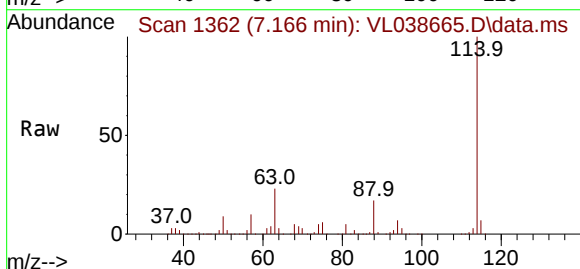
Manual Integrations
APPROVED

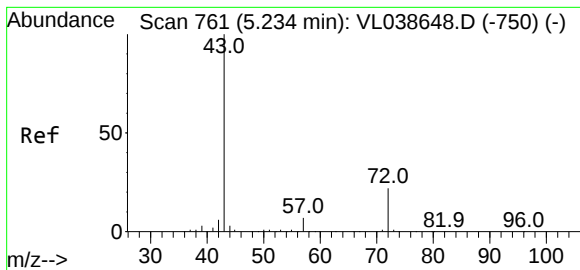
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

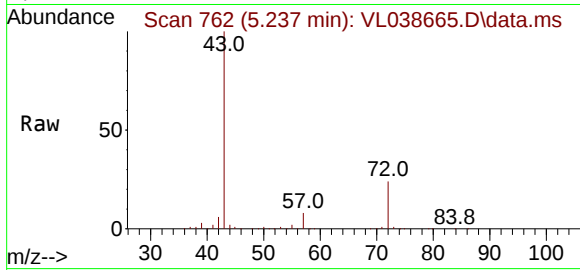
Tgt Ion:114 Resp: 2179858
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.0
88 17.4 13.9 20.9





#34
2-Butanone
Concen: 11.648 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

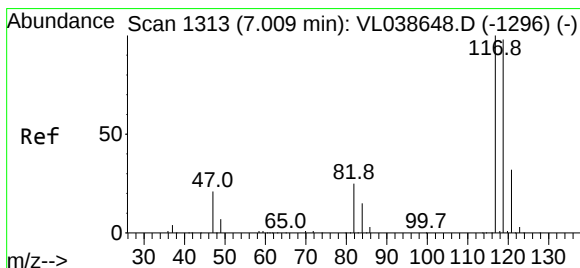
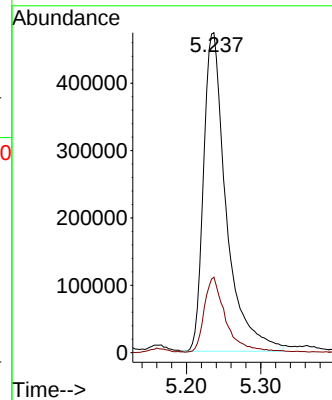
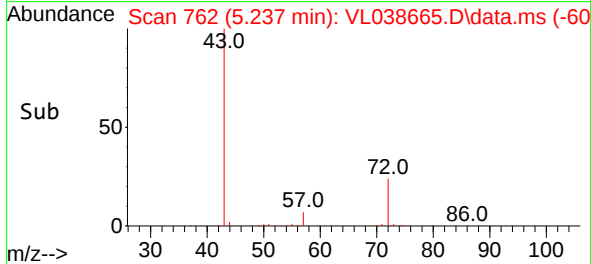
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 43 Resp: 1004938
Ion Ratio Lower Upper
43 100
72 23.7 17.8 26.8

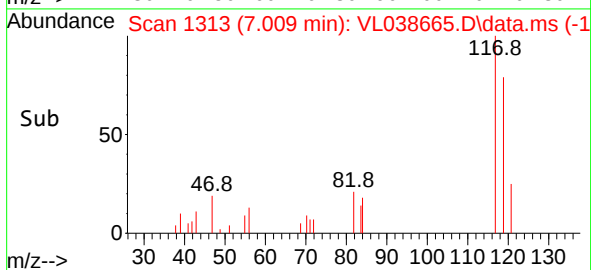
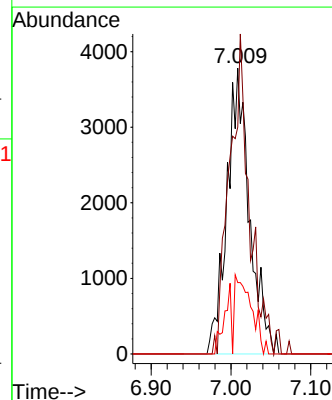
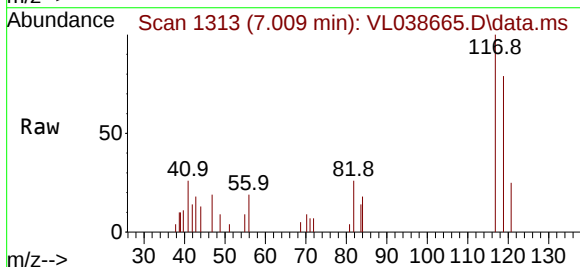
Manual Integrations
APPROVED

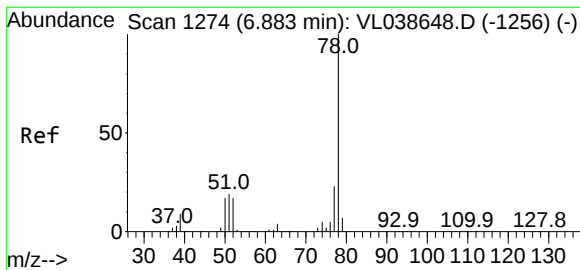
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#35
Carbon Tetrachloride
Concen: 0.059 ppbv m
RT: 7.009 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

Tgt Ion:117 Resp: 7476
Ion Ratio Lower Upper
117 100
119 79.4 78.1 117.1
121 25.0 25.8 38.6#





#36

Benzene

Concen: 0.280 ppbv

RT: 6.880 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

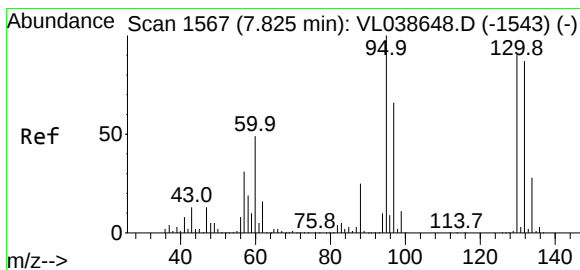
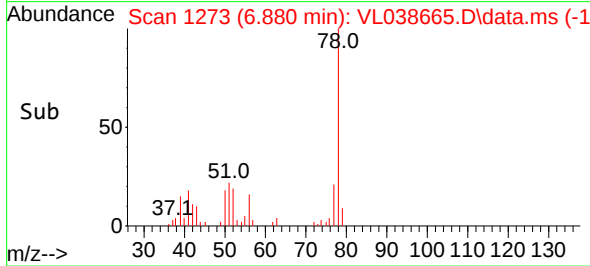
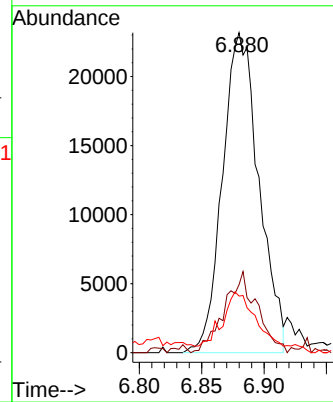
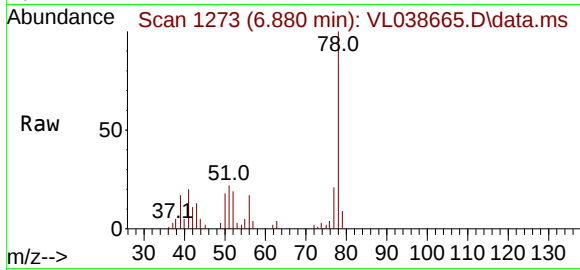
COP80

Tgt Ion: 78	Resp: 4714
Ion Ratio	Lower Upper
78 100	
77 18.7	18.1 27.1
50 15.6	13.6 20.4

Manual Integrations

APPROVED

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



#38

Trichloroethene

Concen: 0.551 ppbv

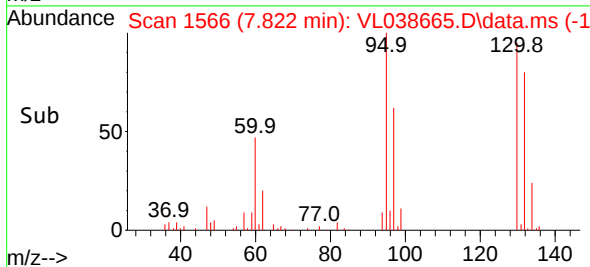
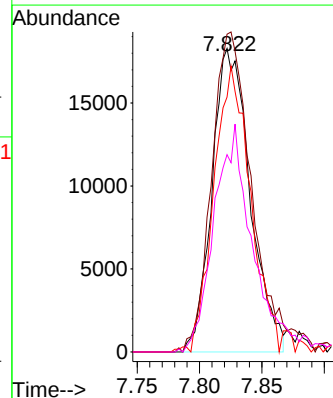
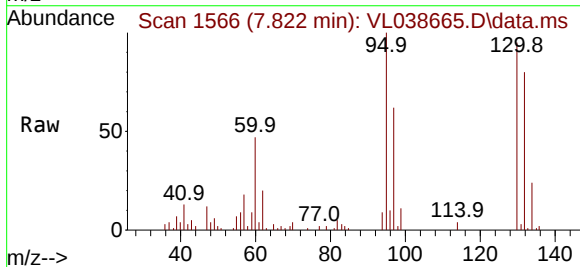
RT: 7.822 min Scan# 1566

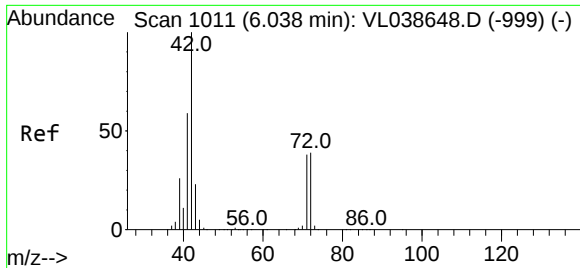
Delta R.T. -0.003 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

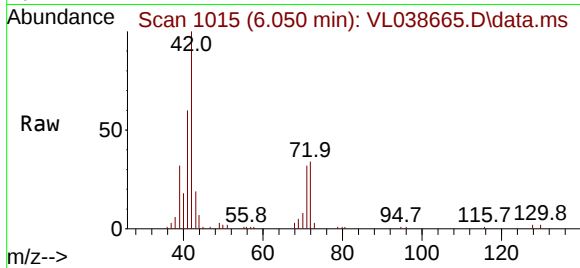
Tgt Ion:130	Resp: 38809
Ion Ratio	Lower Upper
130 100	
95 104.7	88.9 133.3
132 83.5	77.4 116.0
97 65.0	58.2 87.4





#41
Tetrahydrofuran
Concen: 0.845 ppbv
RT: 6.050 min Scan# 1011
Delta R.T. 0.013 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

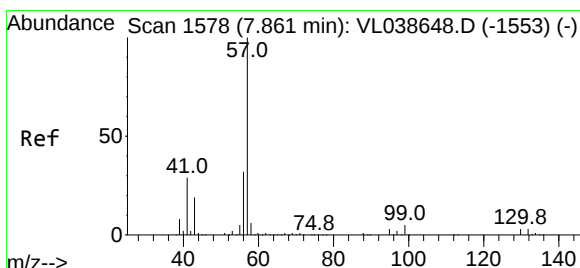
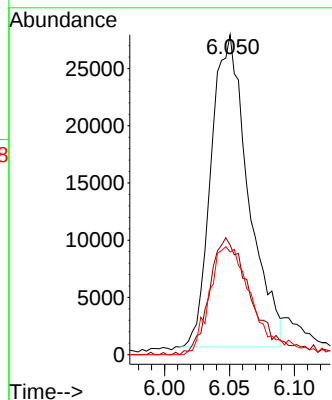
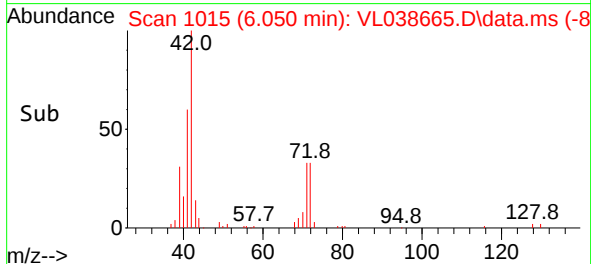
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 42 Resp: 5425
Ion Ratio Lower Upper
42 100
72 44.1 32.5 48.7
71 40.8 31.4 47.2

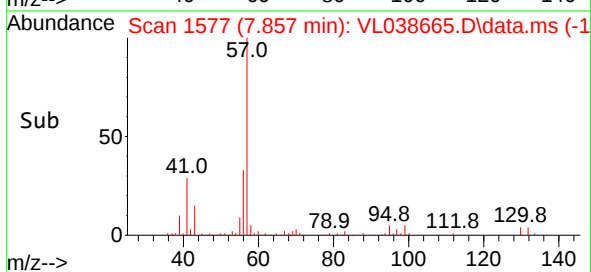
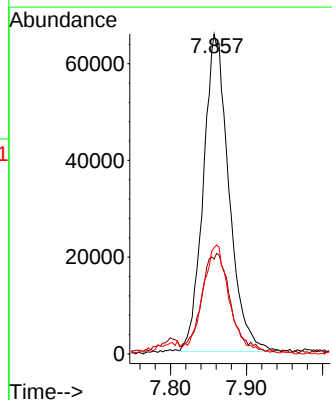
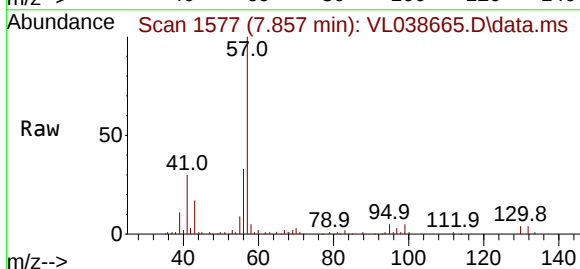
Manual Integrations
APPROVED

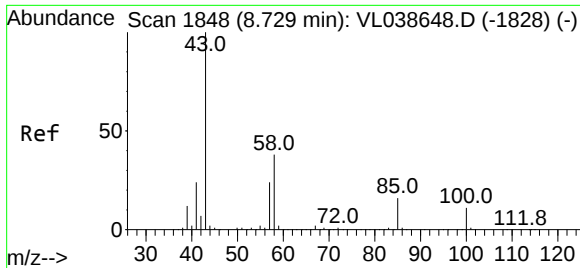
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#44
2,2,4-Trimethylpentane
Concen: 0.544 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. -0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

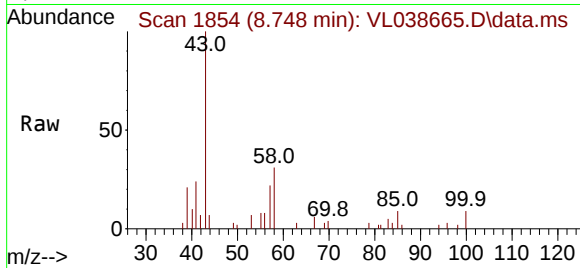
Tgt Ion: 57 Resp: 153710
Ion Ratio Lower Upper
57 100
41 35.9 23.0 34.4#
56 40.5 25.3 37.9#





#50
4-Methyl-2-Pentanone
Concen: 0.136 ppbv m
RT: 8.748 min Scan# 1854
Delta R.T. 0.019 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

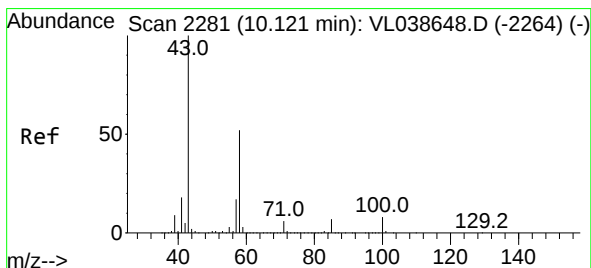
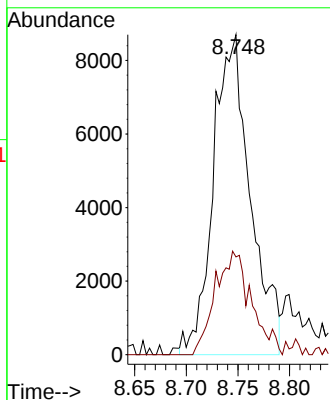
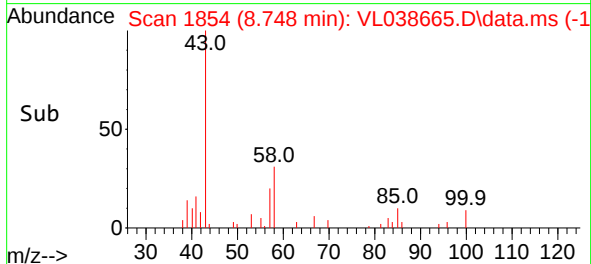
Instrument :
MSVOA_L
ClientSampleId :
COP80



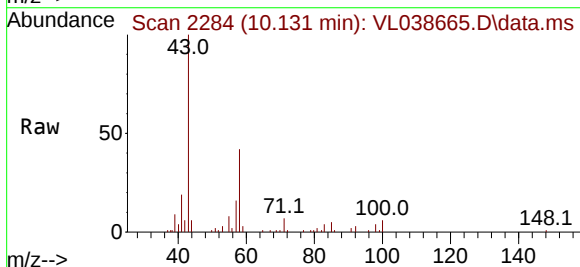
Tgt Ion: 43 Resp: 21750
Ion Ratio Lower Upper
43 100
58 0.0 29.9 44.9

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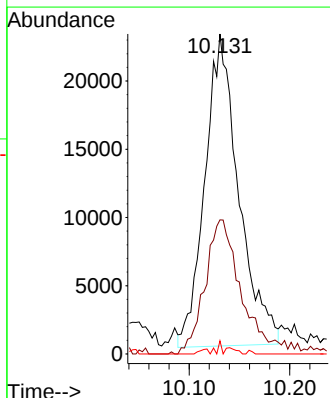
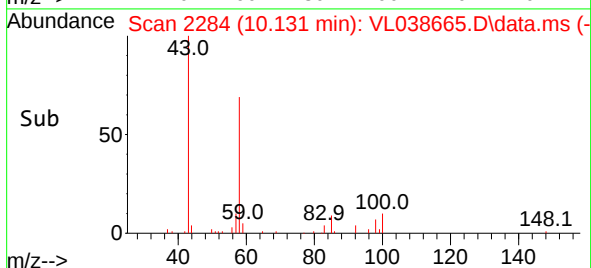
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022

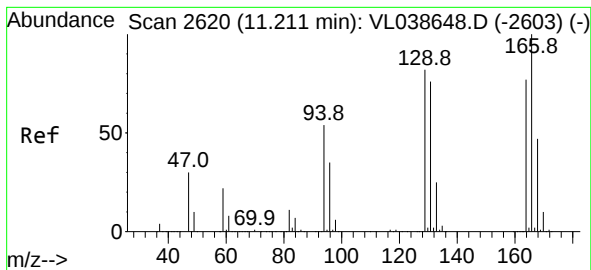


#51
2-Hexanone
Concen: 0.464 ppbv
RT: 10.131 min Scan# 2284
Delta R.T. 0.010 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40



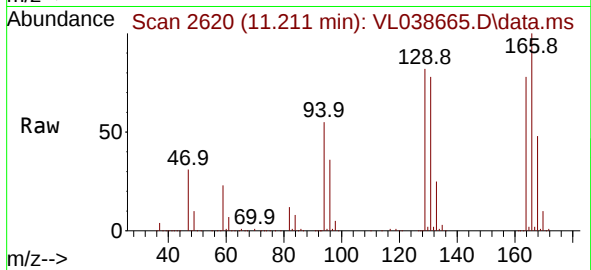
Tgt Ion: 43 Resp: 53430
Ion Ratio Lower Upper
43 100
58 48.2 41.2 61.8
98 1.7 0.2 0.4





#52
Tetrachloroethene
Concen: 11.051 ppbv
RT: 11.211 min Scan# 2179
Delta R.T. -0.000 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

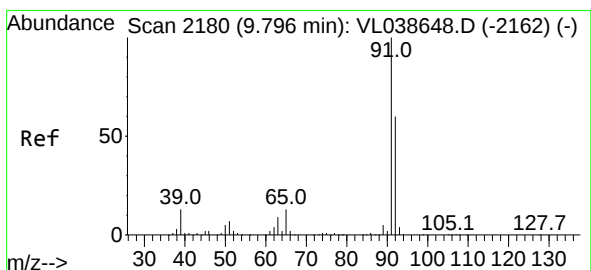
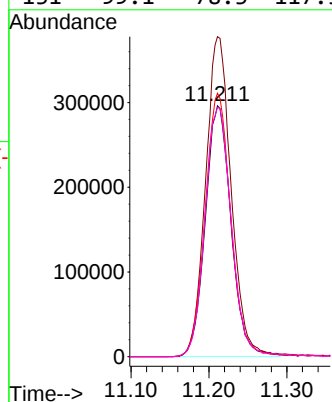
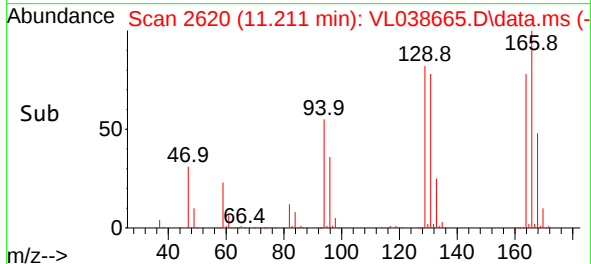
Instrument :
MSVOA_L
ClientSampleId :
COP80



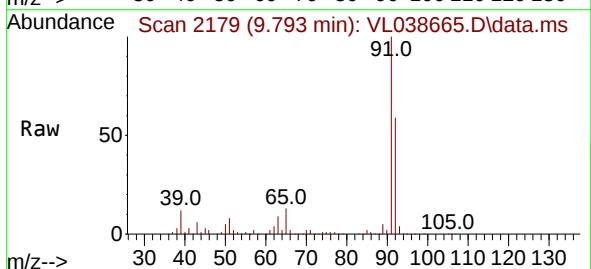
Tgt Ion:164 Resp: 68034
Ion Ratio Lower Upper
164 100
166 127.1 103.3 154.9
129 104.5 85.2 127.8
131 99.1 78.3 117.5

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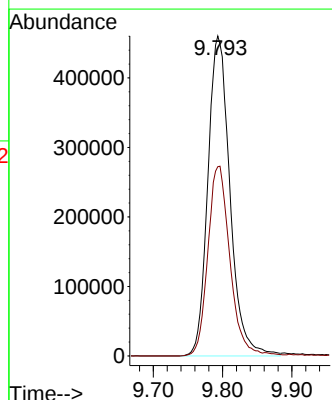
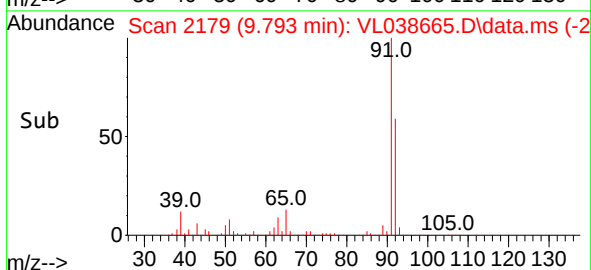
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022

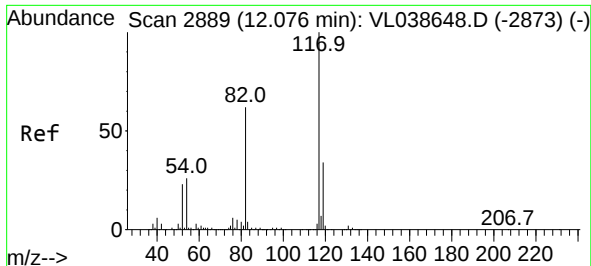


#53
Toluene
Concen: 5.633 ppbv
RT: 9.793 min Scan# 2179
Delta R.T. -0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40



Tgt Ion: 91 Resp: 1018267
Ion Ratio Lower Upper
91 100
92 59.9 48.7 73.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.073 min Scan# 2889

Delta R.T. -0.003 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

COP80

Tgt Ion: 117 Resp: 201561

Ion Ratio Lower Upper

117 100

82 63.9 51.6 77.4

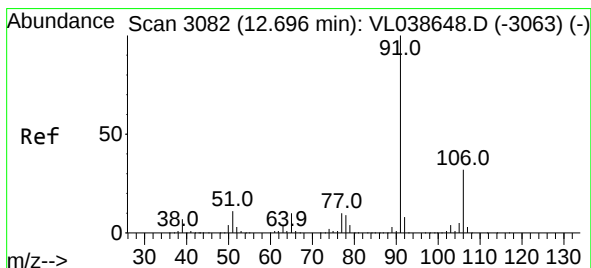
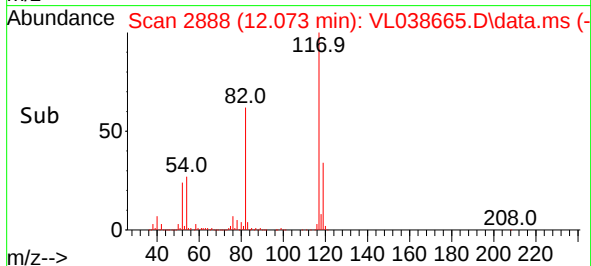
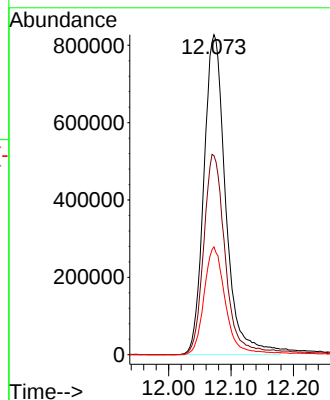
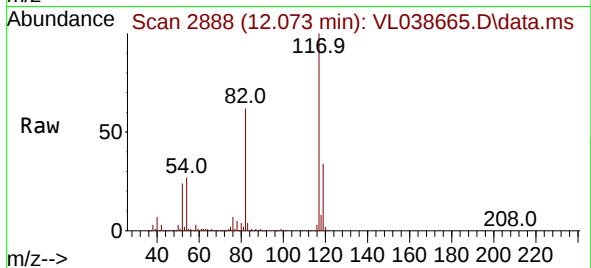
119 33.7 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/24/2022



#58

Ethyl Benzene

Concen: 0.244 ppbv

RT: 12.696 min Scan# 3082

Delta R.T. -0.000 min

Lab File: VL038665.D

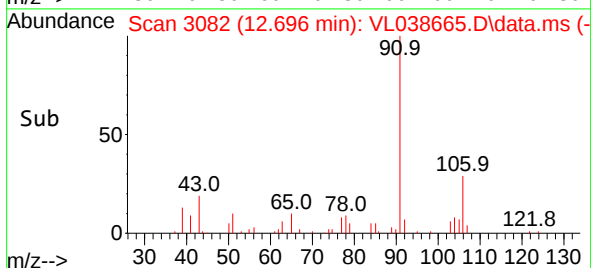
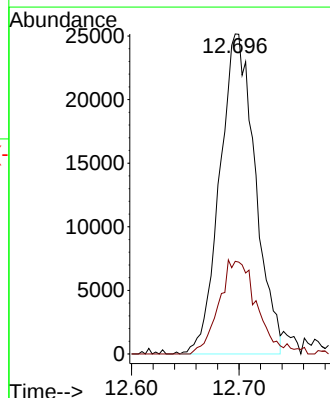
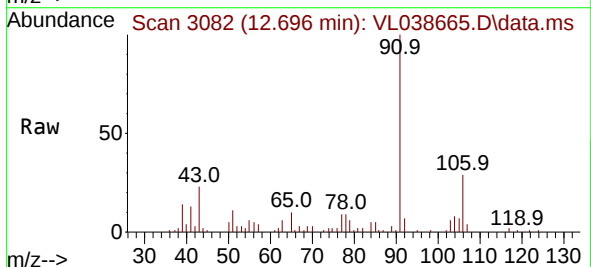
Acq: 22 Mar 2022 00:40

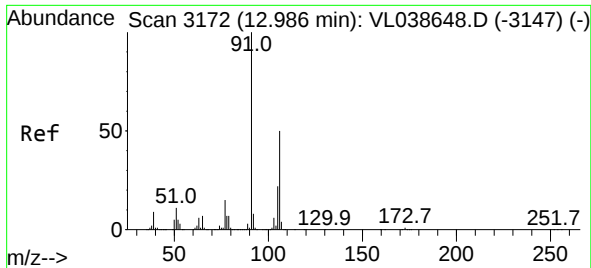
Tgt Ion: 91 Resp: 57584

Ion Ratio Lower Upper

91 100

106 28.9 25.4 38.0





#59

m/p-Xylene

Concen: 0.547 ppbv

RT: 12.954 min Scan# 3162

Delta R.T. -0.032 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

COP80

Tgt Ion: 91 Resp: 11265

Ion Ratio Lower Upper

91 100

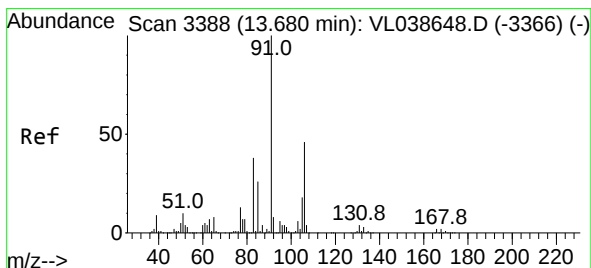
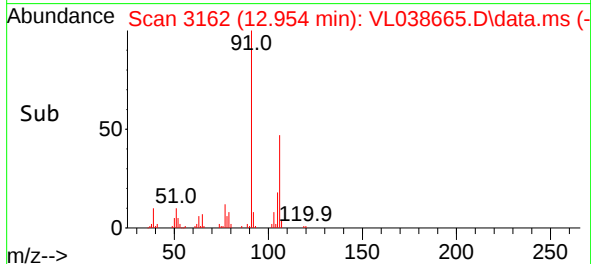
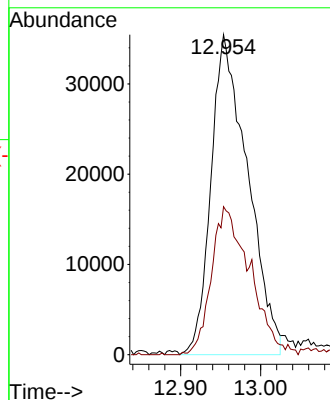
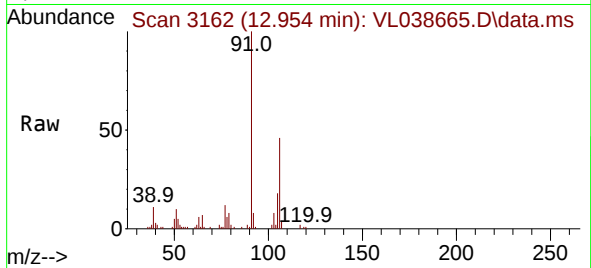
106 48.5 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2022

Supervised By :Mahesh Dadoda 03/24/2022



#60

o-Xylene

Concen: 0.261 ppbv

RT: 13.677 min Scan# 3387

Delta R.T. -0.003 min

Lab File: VL038665.D

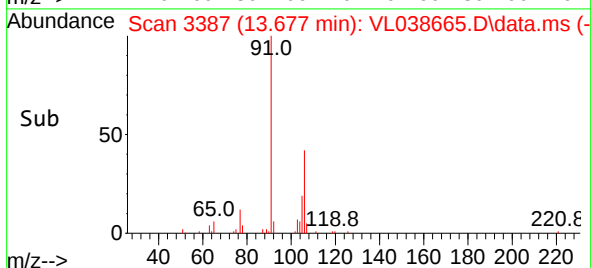
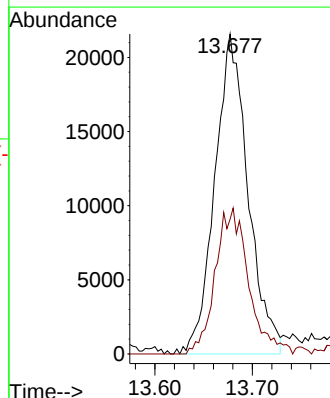
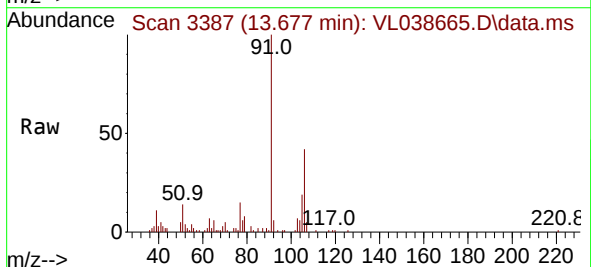
Acq: 22 Mar 2022 00:40

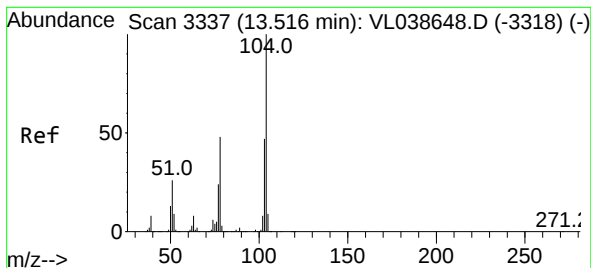
Tgt Ion: 91 Resp: 51137

Ion Ratio Lower Upper

91 100

106 46.7 23.5 70.5





#61

Styrene

Concen: 0.267 ppbv m

RT: 13.516 min Scan# 3337

Delta R.T. -0.000 min

Lab File: VL038665.D

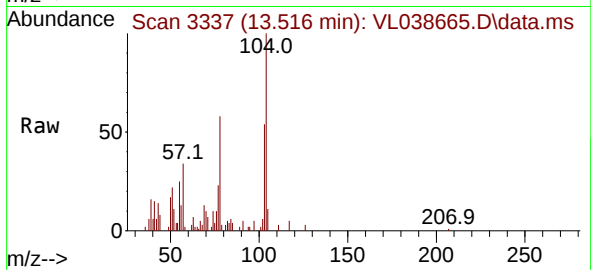
Acq: 22 Mar 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

COP80

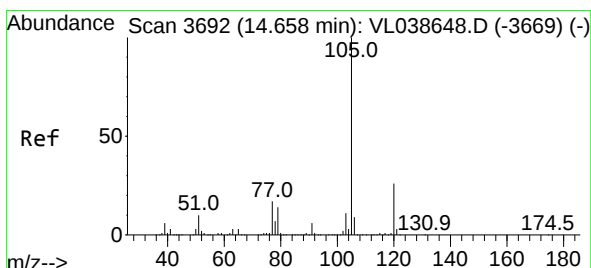
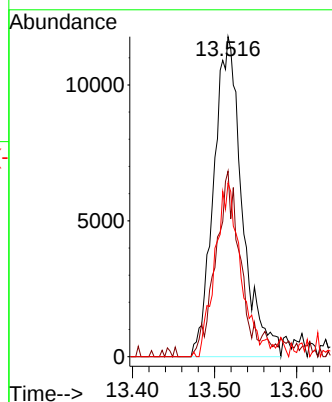
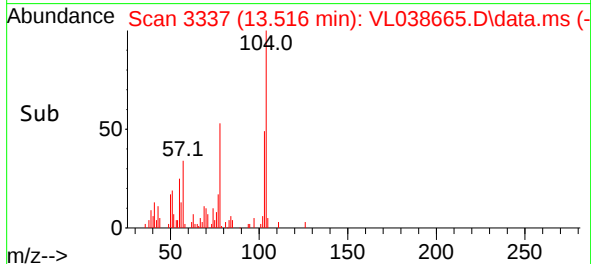


Tgt Ion:	104	Resp:	28360
Ion Ratio	Lower	Upper	
104	100		
78	0.0	39.0	58.4
103	0.0	37.8	56.8

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.217 ppbv

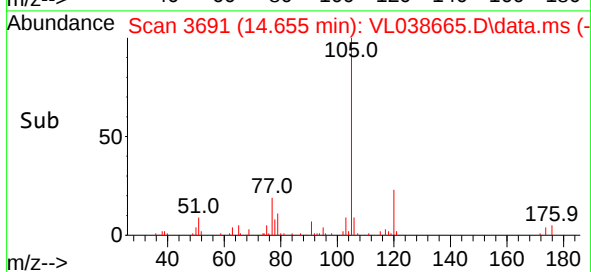
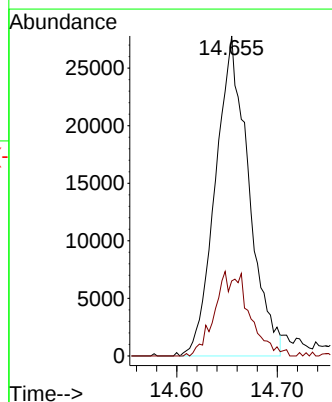
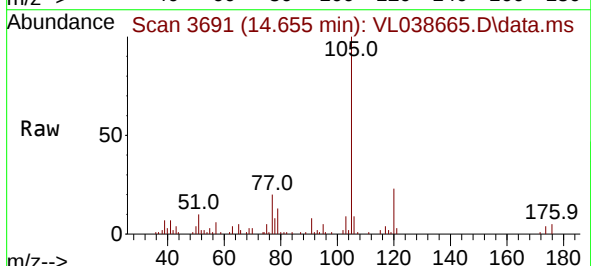
RT: 14.655 min Scan# 3691

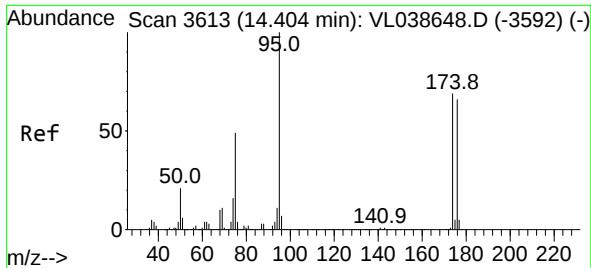
Delta R.T. -0.003 min

Lab File: VL038665.D

Acq: 22 Mar 2022 00:40

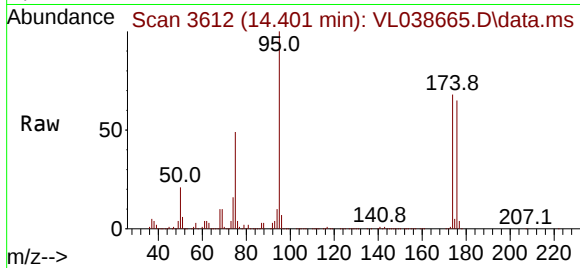
Tgt Ion:	105	Resp:	63820
Ion Ratio	Lower	Upper	
105	100		
120	27.6	21.2	31.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.923 ppbv
RT: 14.401 min Scan# 3612
Delta R.T. -0.003 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

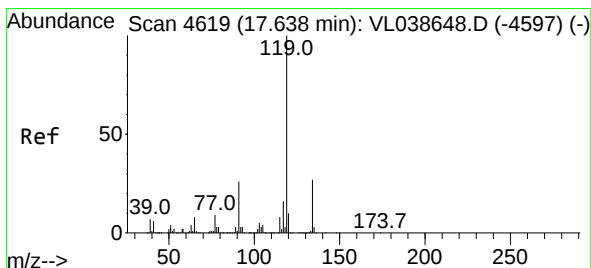
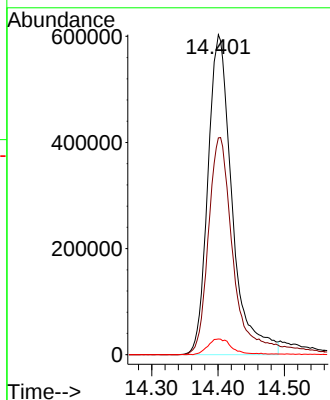
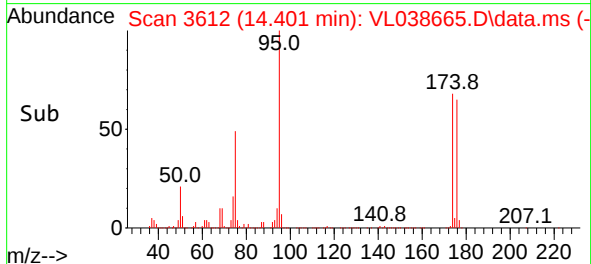
Instrument :
MSVOA_L
ClientSampleId :
COP80



Tgt Ion: 95 Resp: 1533500
Ion Ratio Lower Upper
95 100
174 72.2 56.1 84.1
175 5.1 4.2 6.2

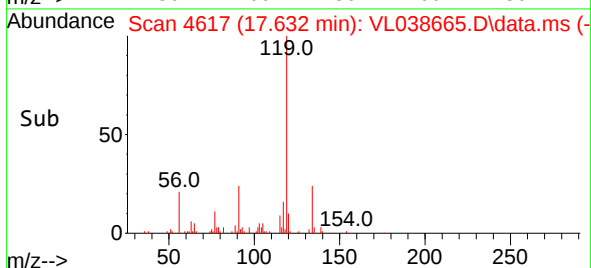
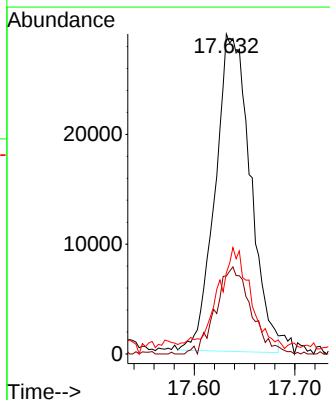
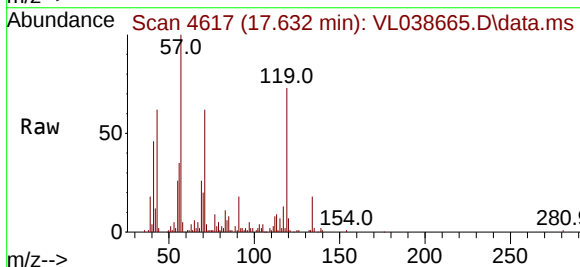
Manual Integrations
APPROVED

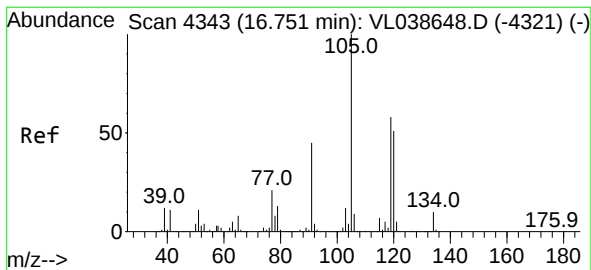
Reviewed By :Semsettin Yesilyurt 03/24/2022
Supervised By :Mahesh Dadoda 03/24/2022



#69
p-Isopropyltoluene
Concen: 0.227 ppbv
RT: 17.632 min Scan# 4617
Delta R.T. -0.006 min
Lab File: VL038665.D
Acq: 22 Mar 2022 00:40

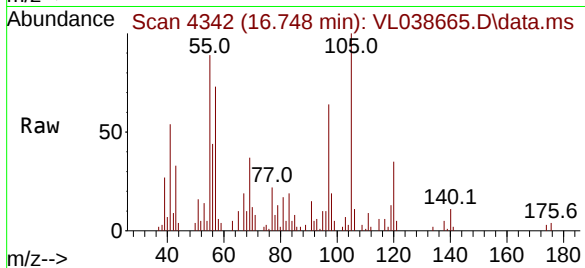
Tgt Ion:119 Resp: 69989
Ion Ratio Lower Upper
119 100
134 27.5 21.2 31.8
91 32.0 21.4 32.2





#74
 1,2,4-Trimethylbenzene
 Concen: 0.110 ppbv
 RT: 16.748 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL038665.D
 Acq: 22 Mar 2022 00:40

Instrument :
 MSVOA_L
 ClientSampleId :
 COP80



Tgt Ion:	105	Resp:	2519
Ion Ratio	Lower	Upper	
105	100		
120	36.6	40.5	60.7
91	15.1	35.9	53.9
77	17.6	16.6	25.0

Manual Integrations
 APPROVED

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

