

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039350.D
 Acq On : 24 Jun 2022 21:05
 Operator : SY/AP
 Sample : N3453-06
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:53:14 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1111421	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3102326	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	2749062	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	2079901	9.152	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	40772	0.209	ppbv	99
3) Chlorodifluoromethane	2.989	51	77969	0.551	ppbv #	90
4) Chloromethane	3.140	50	37663	0.518	ppbv	96
9) Propene	3.018	41	33886m	0.550	ppbv	
11) Trichlorofluoromethane	3.947	101	39890m	0.226	ppbv	
13) Ethanol	3.594	45	1089489	323.984	ppbv #	100
15) Acetone	3.845	43	1154992	9.976	ppbv	96
17) tert-Butyl alcohol	4.291	59	14178m	0.158	ppbv	
19) Isopropyl Alcohol	3.957	45	492717	9.074	ppbv	99
20) Methylene Chloride	4.340	84	243634	4.994	ppbv	89
26) Hexane	5.684	57	186958	1.630	ppbv #	38
34) 2-Butanone	5.240	43	96245	0.571	ppbv	91
35) Carbon Tetrachloride	7.015	117	12844m	0.057	ppbv	
36) Benzene	6.886	78	25762m	0.102	ppbv	
53) Toluene	9.799	91	137978	0.476	ppbv	100

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

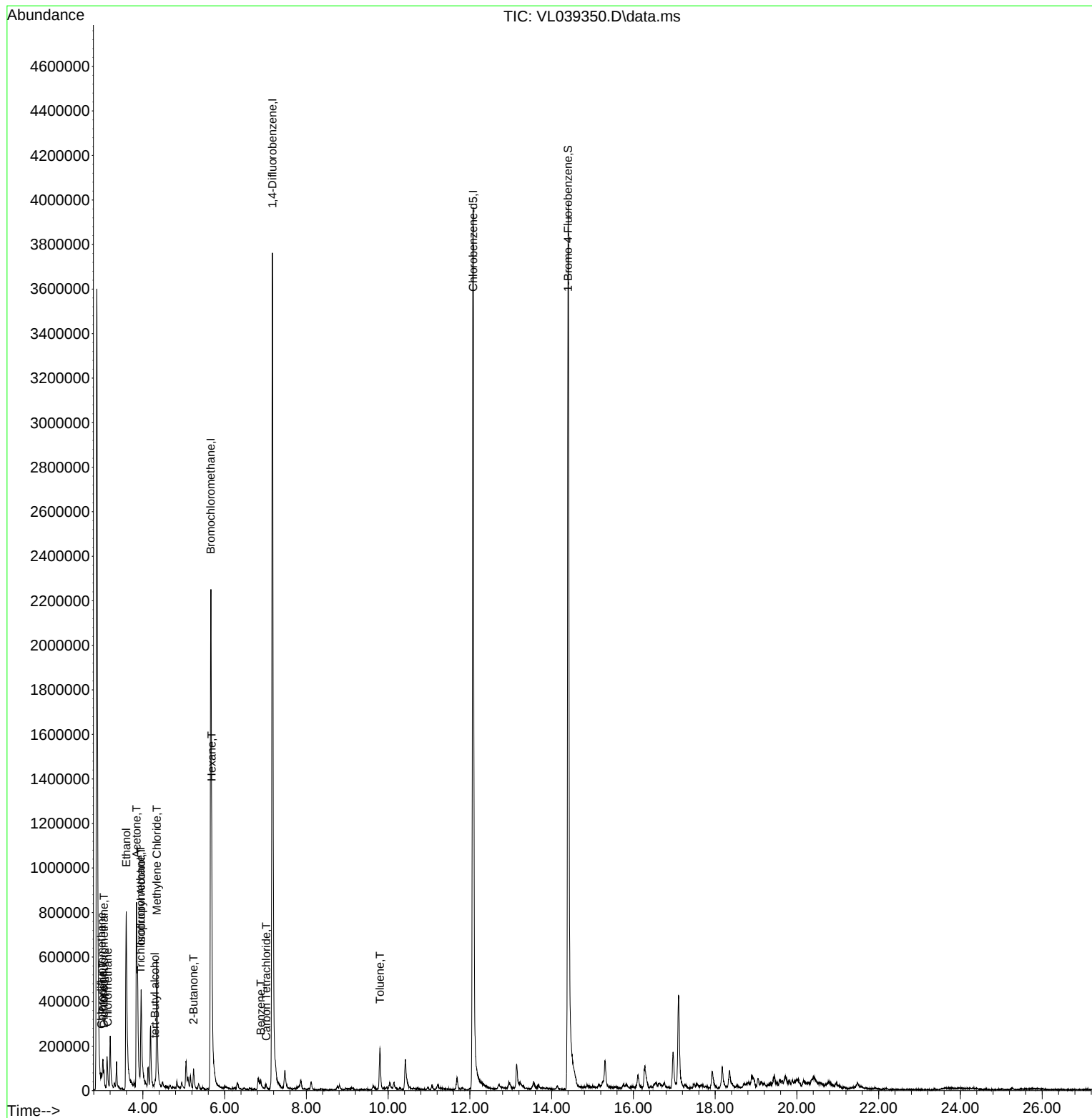
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
Data File : VL039350.D
Acq On : 24 Jun 2022 21:05
Operator : SY/AP
Sample : N3453-06
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

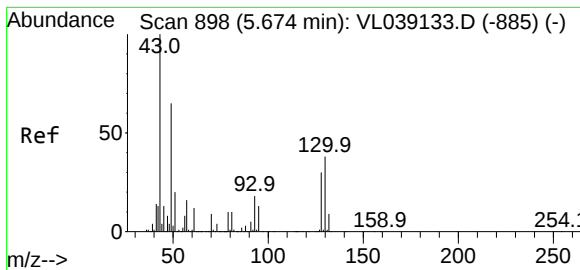
Instrument :
MSVOA_L
ClientSampleId :
IA-4

Quant Time: Jun 27 01:53:14 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

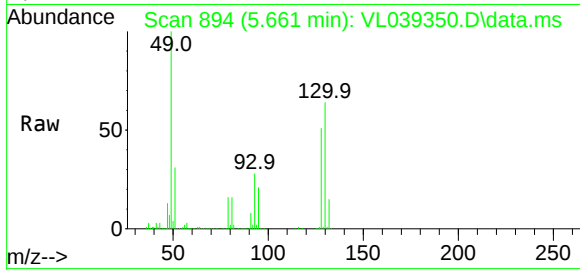
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.013 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

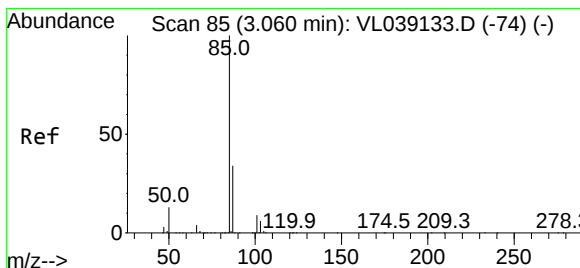
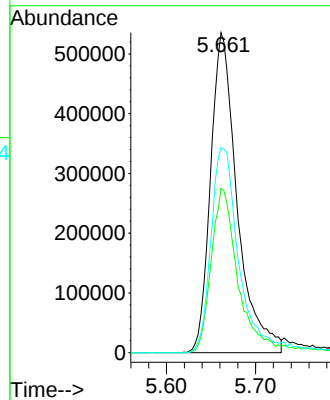
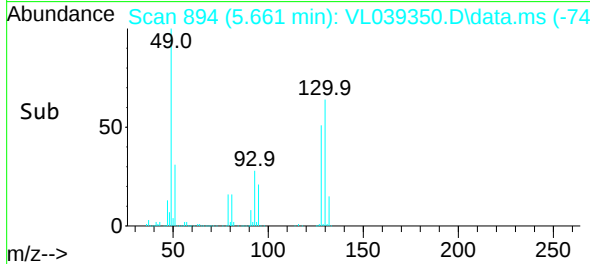
Instrument :
MSVOA_L
ClientSampleId :
IA-4



Tgt Ion: 49 Resp: 111142
Ion Ratio Lower Upper
49 100
128 53.5 24.7 74.1
130 70.7 31.4 94.0

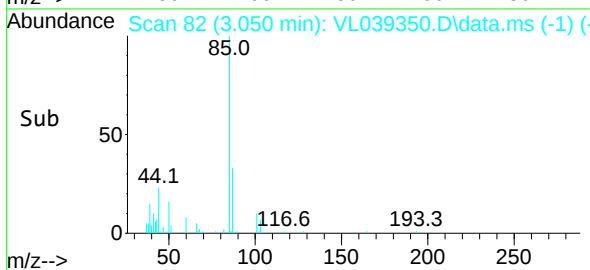
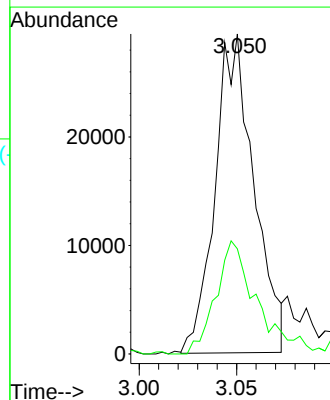
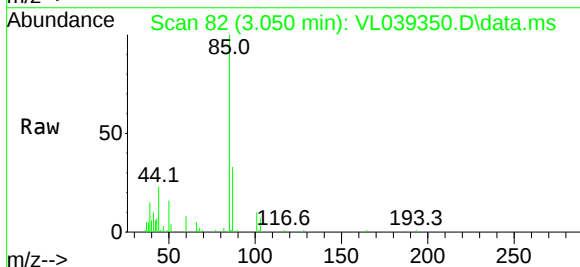
Manual Integrations
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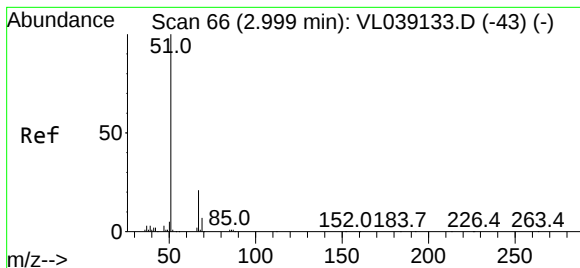
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#2
Dichlorodifluoromethane
Concen: 0.209 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

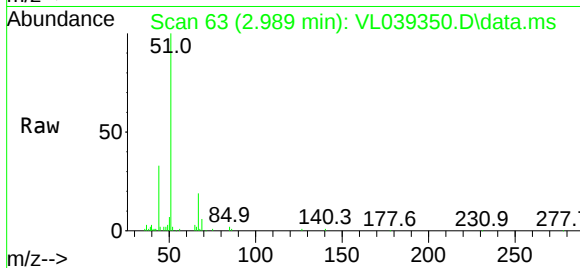
Tgt Ion: 85 Resp: 40772
Ion Ratio Lower Upper
85 100
87 33.0 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.551 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

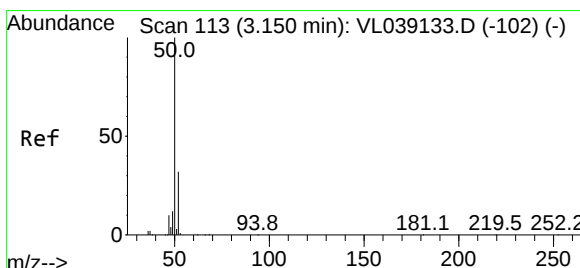
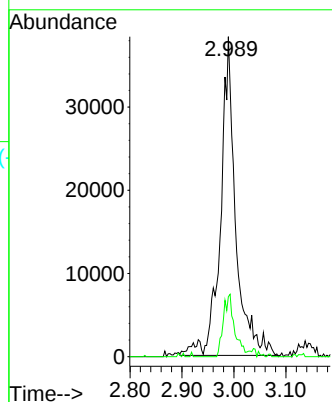
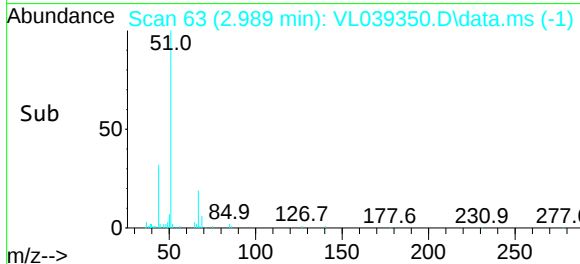
Instrument :
MSVOA_L
ClientSampleId :
IA-4



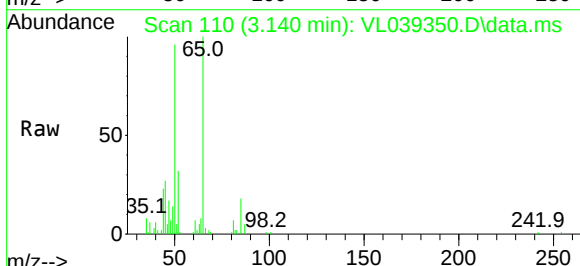
Tgt Ion: 51 Resp: 77969
Ion Ratio Lower Upper
51 100
67 15.8 16.2 24.4

Manual Integrations
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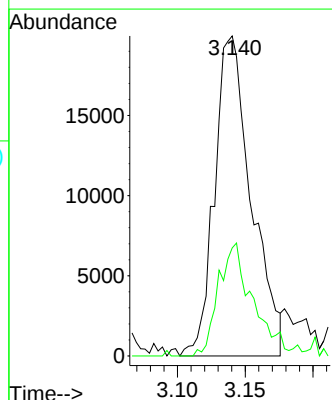
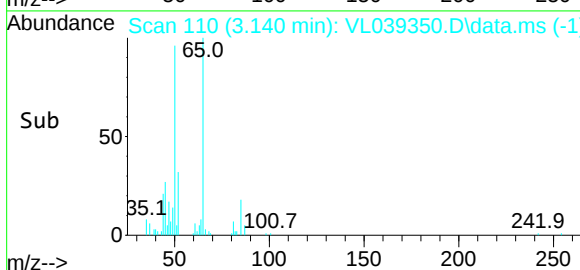
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

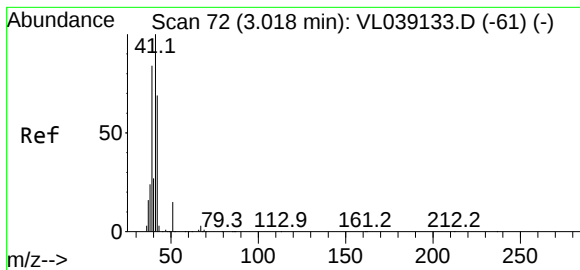


#4
Chloromethane
Concen: 0.518 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05



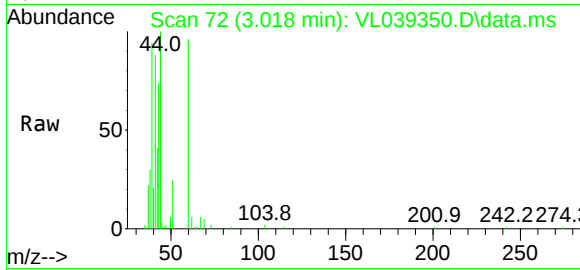
Tgt Ion: 50 Resp: 37663
Ion Ratio Lower Upper
50 100
52 34.5 25.9 38.9





#9
 Propene
 Concen: 0.550 ppbv m
 RT: 3.018 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VL039350.D
 Acq: 24 Jun 2022 21:05

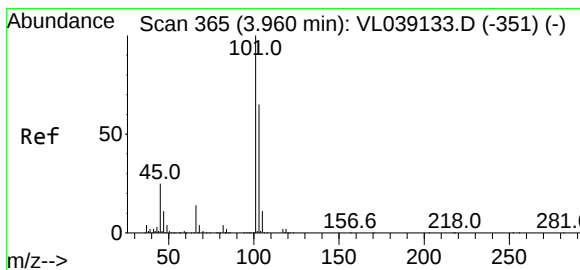
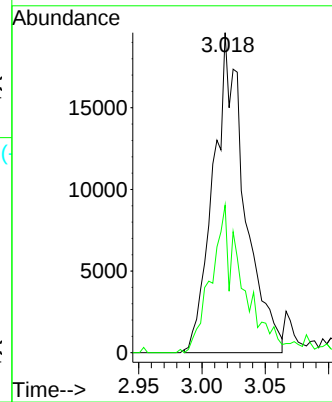
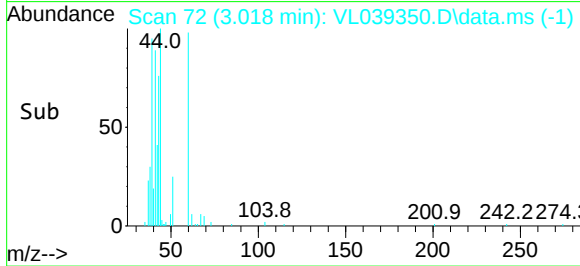
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4



Tgt Ion: 41 Resp: 3388
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.4 83.2

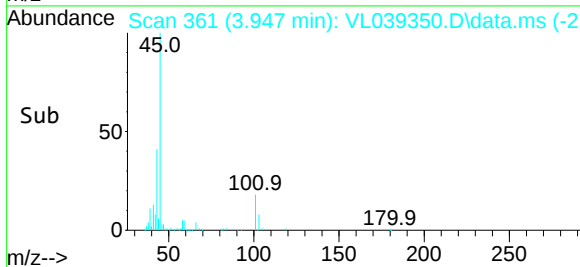
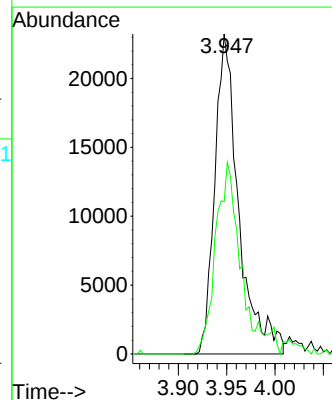
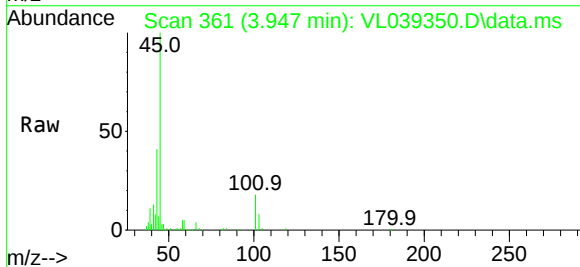
Manual Integrations
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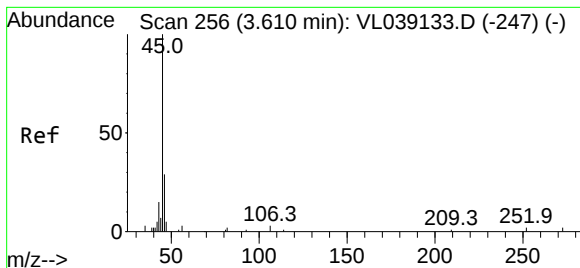
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#11
 Trichlorofluoromethane
 Concen: 0.226 ppbv m
 RT: 3.947 min Scan# 361
 Delta R.T. -0.013 min
 Lab File: VL039350.D
 Acq: 24 Jun 2022 21:05

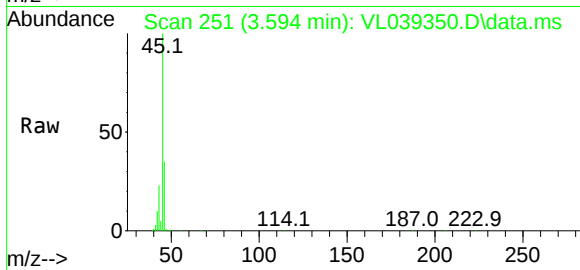
Tgt Ion:101 Resp: 39890
 Ion Ratio Lower Upper
 101 100
 103 47.7 51.7 77.5





#13
Ethanol
Concen: 323.984 ppbv
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

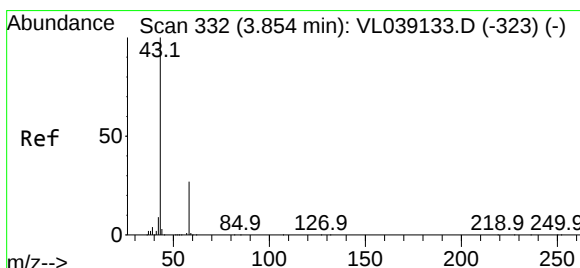
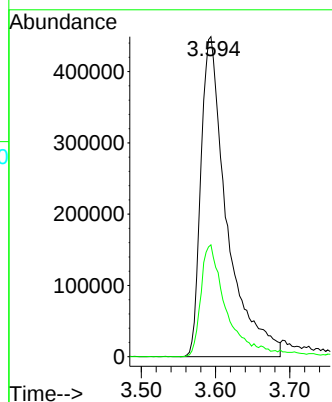
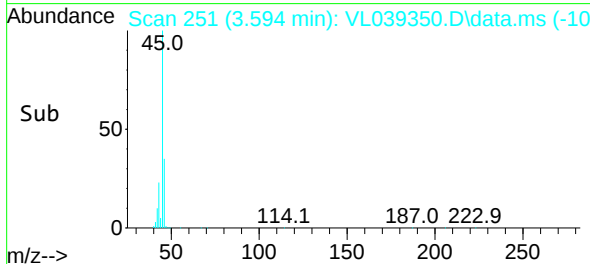
Instrument :
MSVOA_L
ClientSampleId :
IA-4



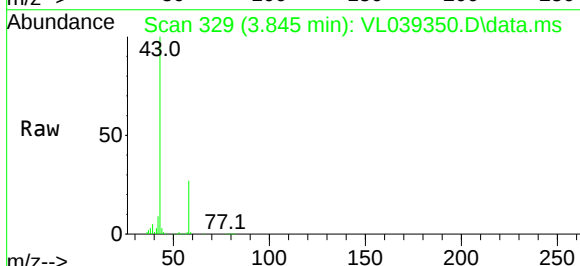
Tgt Ion: 45 Resp: 1089489
Ion Ratio Lower Upper
45 100
46 36.6 0.0 0.0

Manual Integrations
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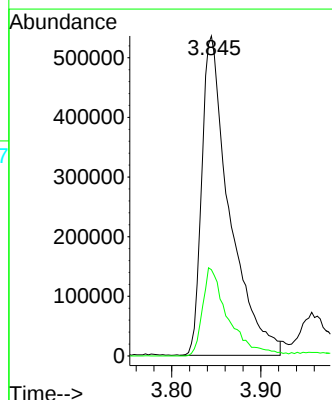
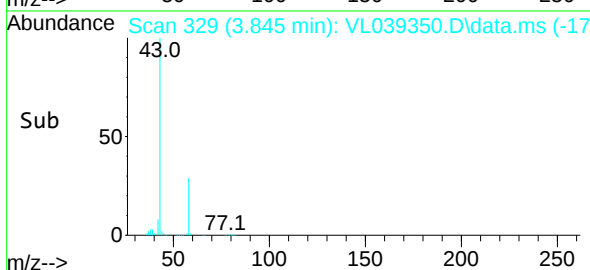
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

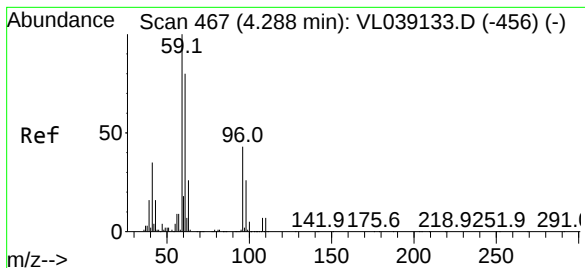


#15
Acetone
Concen: 9.976 ppbv
RT: 3.845 min Scan# 329
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05



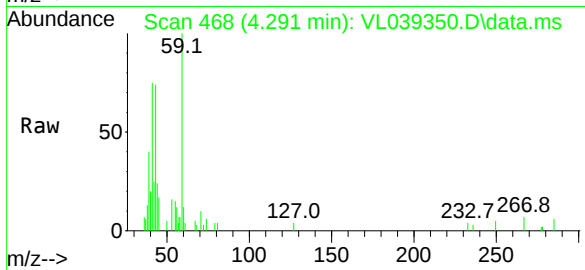
Tgt Ion: 43 Resp: 1154992
Ion Ratio Lower Upper
43 100
58 26.1 22.5 33.7





#17
tert-Butyl alcohol
Concen: 0.158 ppbv m
RT: 4.291 min Scan# 4
Delta R.T. 0.003 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

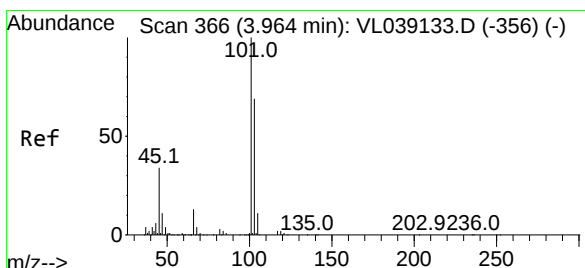
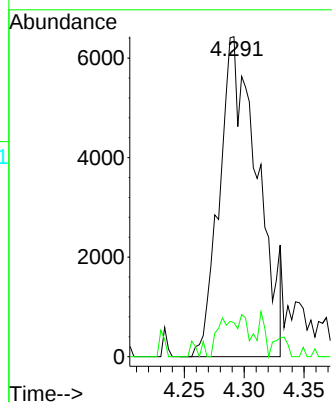
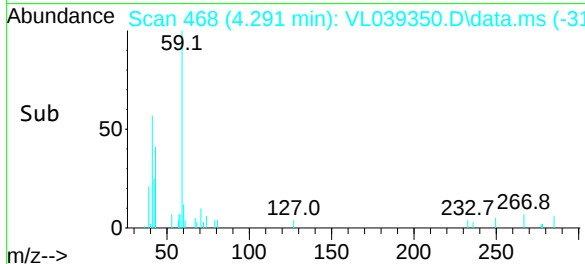
Instrument :
MSVOA_L
ClientSampleId :
IA-4



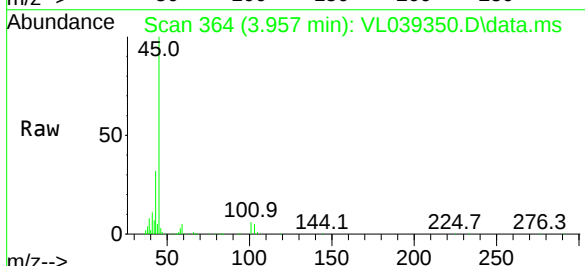
Tgt Ion: 59 Resp: 14178
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7

Manual Integrations
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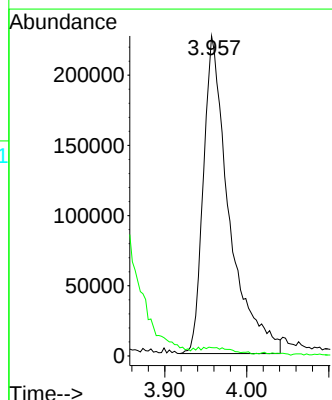
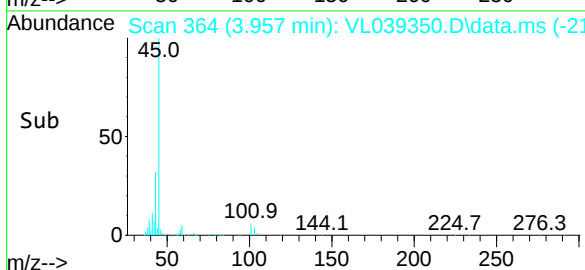
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

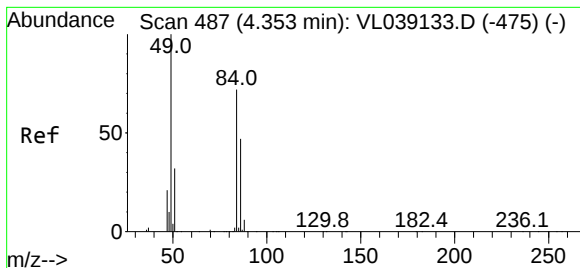


#19
Isopropyl Alcohol
Concen: 9.074 ppbv
RT: 3.957 min Scan# 364
Delta R.T. -0.007 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05



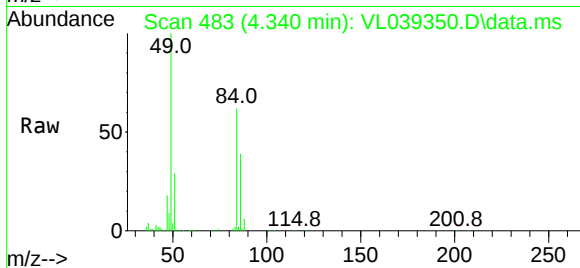
Tgt Ion: 45 Resp: 492717
Ion Ratio Lower Upper
45 100
58 2.7 1.8 2.8





#20
Methylene Chloride
Concen: 4.994 ppbv
RT: 4.340 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

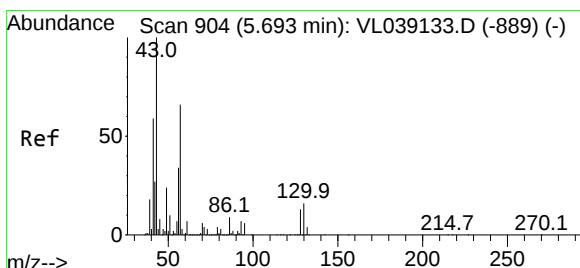
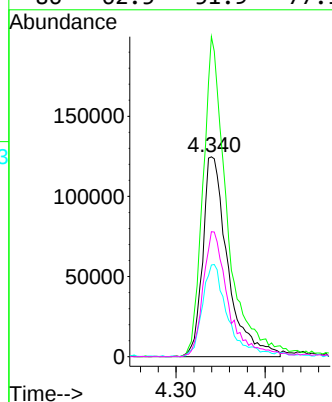
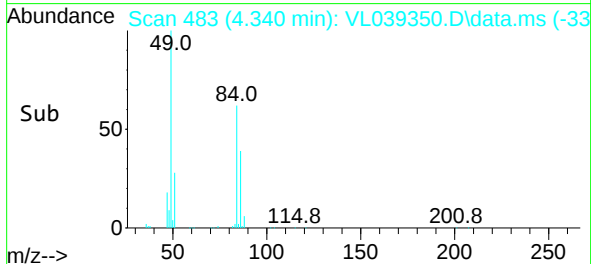
Instrument :
MSVOA_L
ClientSampleId :
IA-4



Tgt Ion: 84 Resp: 243634
Ion Ratio Lower Upper
84 100
49 160.2 111.1 166.7
51 45.7 35.3 52.9
86 62.5 51.9 77.9

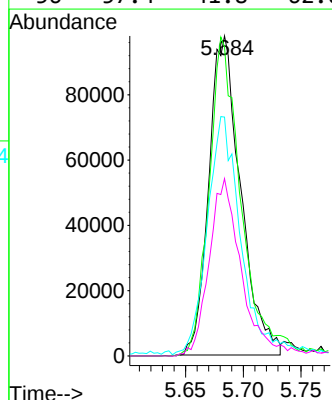
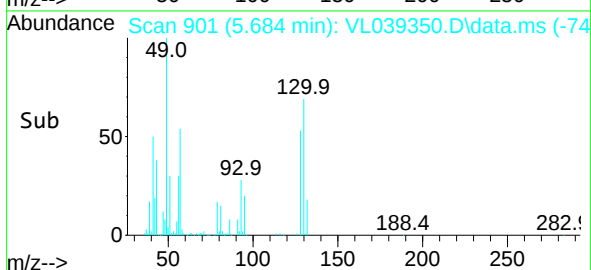
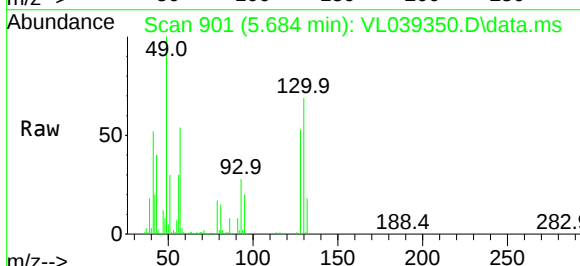
Manual Integrations
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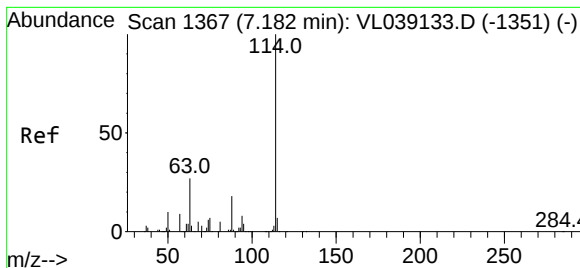
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#26
Hexane
Concen: 1.630 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

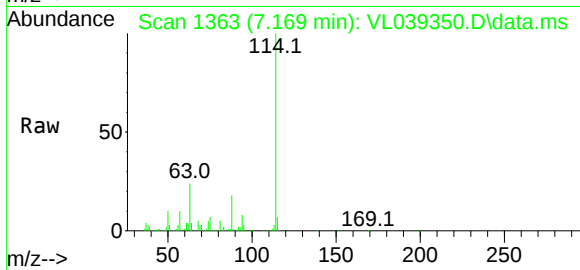
Tgt Ion: 57 Resp: 186958
Ion Ratio Lower Upper
57 100
41 103.5 72.4 108.6
43 79.1 187.0 280.6#
56 57.4 41.8 62.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

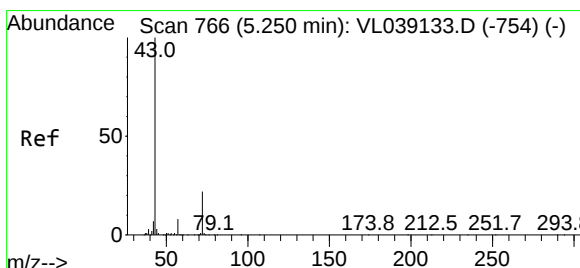
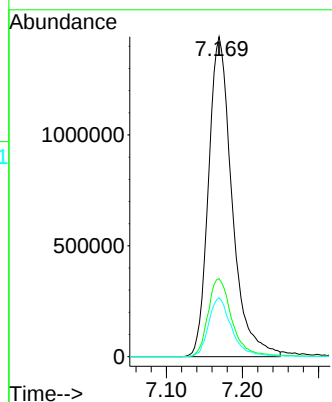
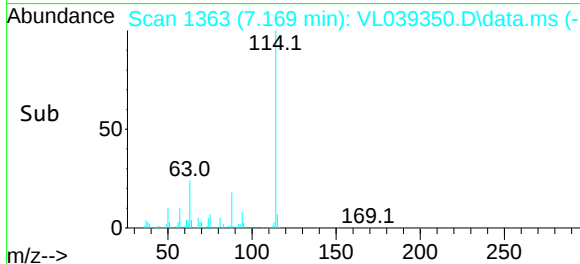
Instrument : MSVOA_L
ClientSampleId : IA-4



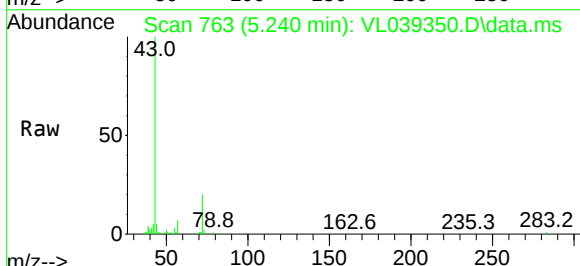
Tgt Ion:114 Resp: 3102320
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.2 14.8 22.2

Manual Integrations
APPROVED

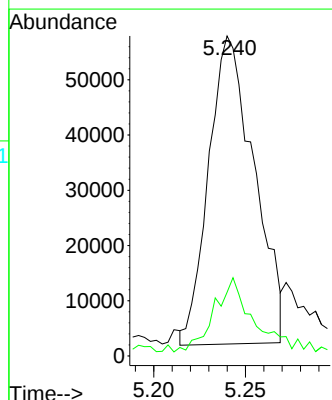
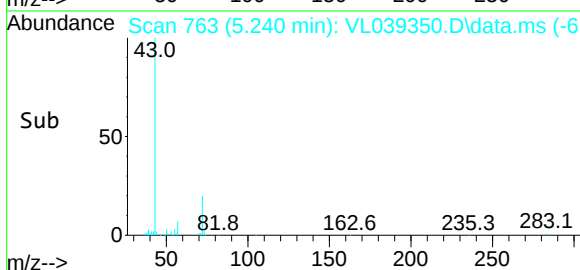
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Supervised By :Mahesh Dadoda 06/30/2022

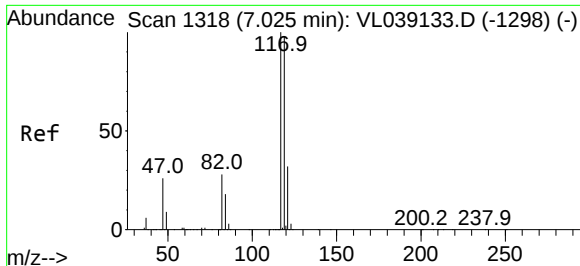


#34
2-Butanone
Concen: 0.571 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05



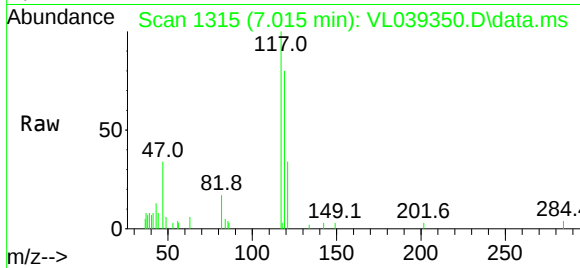
Tgt Ion: 43 Resp: 96245
Ion Ratio Lower Upper
43 100
72 27.2 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.057 ppbv m
RT: 7.015 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05

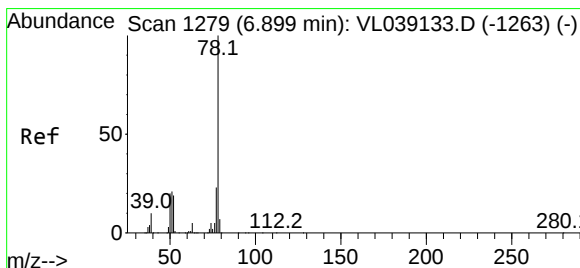
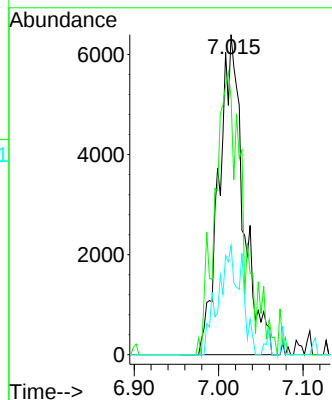
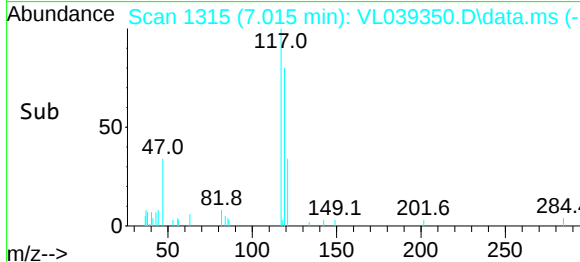
Instrument :
MSVOA_L
ClientSampleId :
IA-4



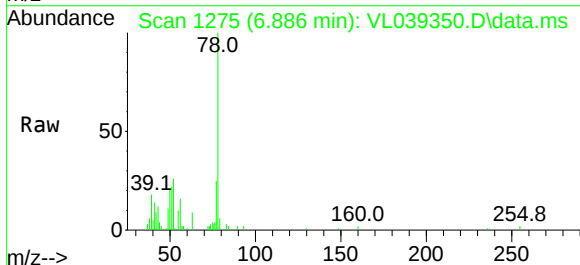
Tgt Ion: 117 Resp: 1284
Ion Ratio Lower Upper
117 100
119 80.2 78.6 118.0
121 34.1 25.4 38.0

Manual Integrations
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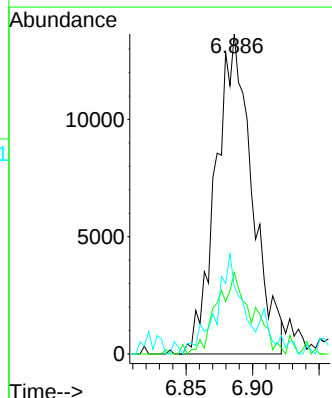
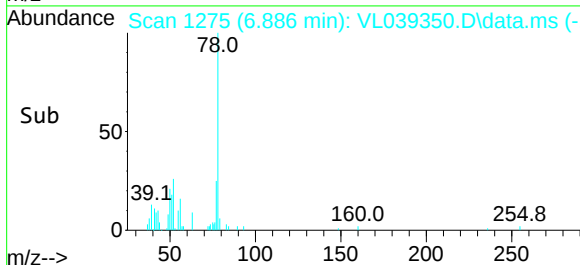
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

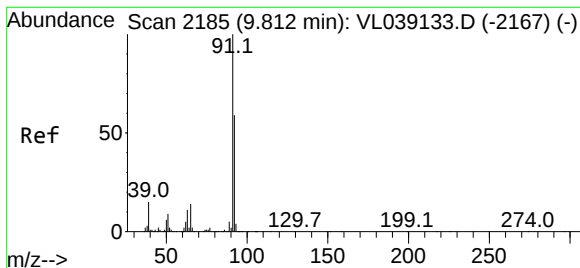


#36
Benzene
Concen: 0.102 ppbv m
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039350.D
Acq: 24 Jun 2022 21:05



Tgt Ion: 78 Resp: 25762
Ion Ratio Lower Upper
78 100
77 25.5 18.6 27.8
50 21.0 15.8 23.8





#53

Toluene

Concen: 0.476 ppbv

RT: 9.799 min Scan# 2185

Delta R.T. -0.013 min

Lab File: VL039350.D

Acq: 24 Jun 2022 21:05

Instrument :

MSVOA_L

ClientSampleId :

IA-4

Tgt Ion: 91 Resp: 137978

Ion Ratio Lower Upper

91 100

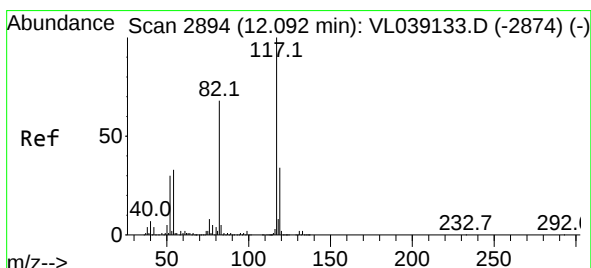
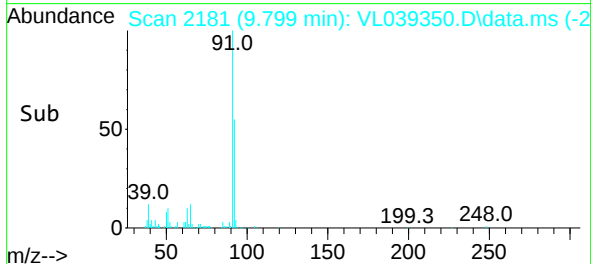
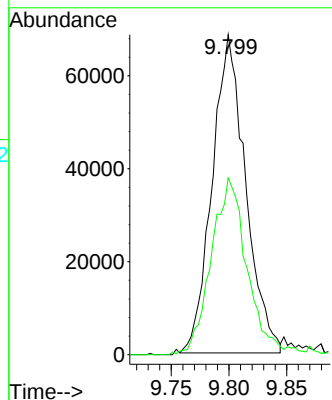
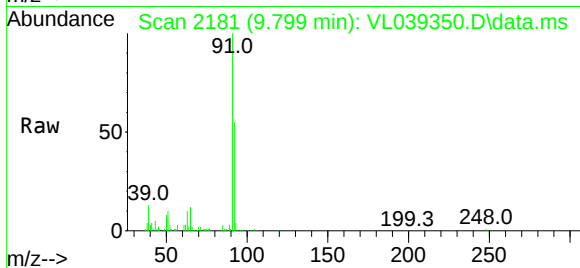
92 60.2 48.1 72.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 2890

Delta R.T. -0.013 min

Lab File: VL039350.D

Acq: 24 Jun 2022 21:05

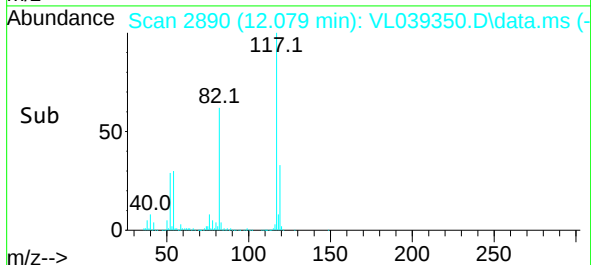
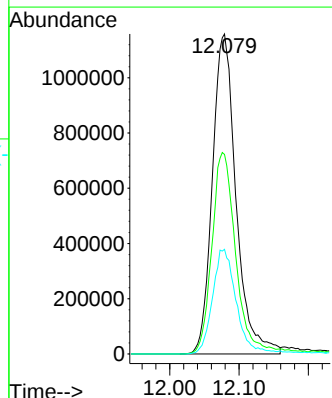
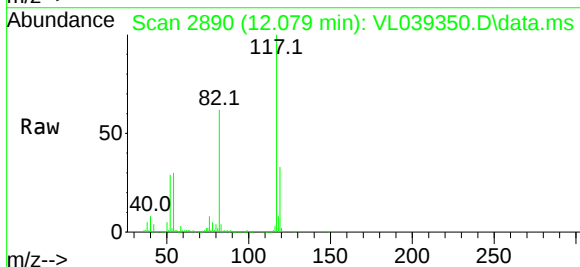
Tgt Ion:117 Resp: 2749062

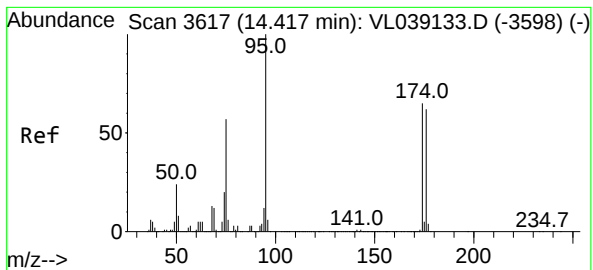
Ion Ratio Lower Upper

117 100

82 64.1 55.1 82.7

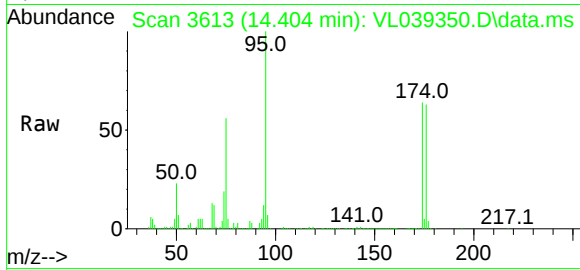
119 33.9 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.152 ppbv
 RT: 14.404 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039350.D
 Acq: 24 Jun 2022 21:05

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4



Tgt Ion: 95 Resp: 207990
 Ion Ratio Lower Upper
 95 100
 174 70.4 53.8 80.8
 175 4.9 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

