

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL061522\  
 Data File : VL039310.D  
 Acq On : 16 Jun 2022 00:41  
 Operator : SY/AP  
 Sample : N3338-02DUP  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022  
 Supervised By :Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:39:03 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       | 5.655  | 49    | 1202893  | 10.000   | ppbv   | -0.02    |
| 33) 1,4-Difluorobenzene     | 7.160  | 114   | 3309011  | 10.000   | ppbv   | -0.02    |
| 55) Chlorobenzene-d5        | 12.066 | 117   | 2934927  | 10.000   | ppbv   | -0.03    |
|                             |        |       |          |          |        |          |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.394 | 95    | 2255669  | 9.296    | ppbv   | -0.02    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 93.000%  |
|                             |        |       |          |          |        |          |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane  | 3.044  | 85    | 55509    | 0.263    | ppbv   | 92       |
| 3) Chlorodifluoromethane    | 2.983  | 51    | 102467   | 0.669    | ppbv # | 79       |
| 4) Chloromethane            | 3.131  | 50    | 56541m   | 0.719    | ppbv   |          |
| 9) Propene                  | 3.012  | 41    | 72091    | 1.080    | ppbv # | 81       |
| 10) Heptane                 | 8.108  | 43    | 22274    | 0.143    | ppbv   | 92       |
| 11) Trichlorofluoromethane  | 3.944  | 101   | 41423    | 0.217    | ppbv   | 94       |
| 13) Ethanol                 | 3.597  | 45    | 10702529 | 2940.616 | ppbv # | 100      |
| 15) Acetone                 | 3.838  | 43    | 1583336  | 12.636   | ppbv   | 93       |
| 17) tert-Butyl alcohol      | 4.298  | 59    | 44915m   | 0.462    | ppbv   |          |
| 19) Isopropyl Alcohol       | 3.960  | 45    | 3947231  | 67.164   | ppbv # | 98       |
| 20) Methylene Chloride      | 4.333  | 84    | 938947   | 17.782   | ppbv   | 92       |
| 26) Hexane                  | 5.671  | 57    | 792608   | 6.386    | ppbv # | 41       |
| 29) Chloroform              | 5.738  | 83    | 555318   | 2.659    | ppbv   | 94       |
| 30) Cyclohexane             | 7.127  | 84    | 21816m   | 0.209    | ppbv   |          |
| 34) 2-Butanone              | 5.230  | 43    | 74324    | 0.413    | ppbv # | 88       |
| 35) Carbon Tetrachloride    | 7.008  | 117   | 13011m   | 0.054    | ppbv   |          |
| 36) Benzene                 | 6.873  | 78    | 86456    | 0.322    | ppbv   | 97       |
| 44) 2,2,4-Trimethylpentane  | 7.854  | 57    | 104384   | 0.222    | ppbv # | 80       |
| 52) Tetrachloroethene       | 11.201 | 164   | 12413m   | 0.118    | ppbv   |          |
| 53) Toluene                 | 9.783  | 91    | 245288   | 0.793    | ppbv   | 99       |
| 58) Ethyl Benzene           | 12.683 | 91    | 46400m   | 0.115    | ppbv   |          |
| 59) m/p-Xylene              | 12.947 | 91    | 122183m  | 0.343    | ppbv   |          |
| 60) o-Xylene                | 13.667 | 91    | 49879m   | 0.149    | ppbv   |          |
| 74) 1,2,4-Trimethylbenzene  | 16.738 | 105   | 60798m   | 0.154    | ppbv   |          |
| 76) 1,4-Dichlorobenzene     | 17.114 | 146   | 57098    | 0.256    | ppbv   | 87       |
| -----                       |        |       |          |          |        |          |

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

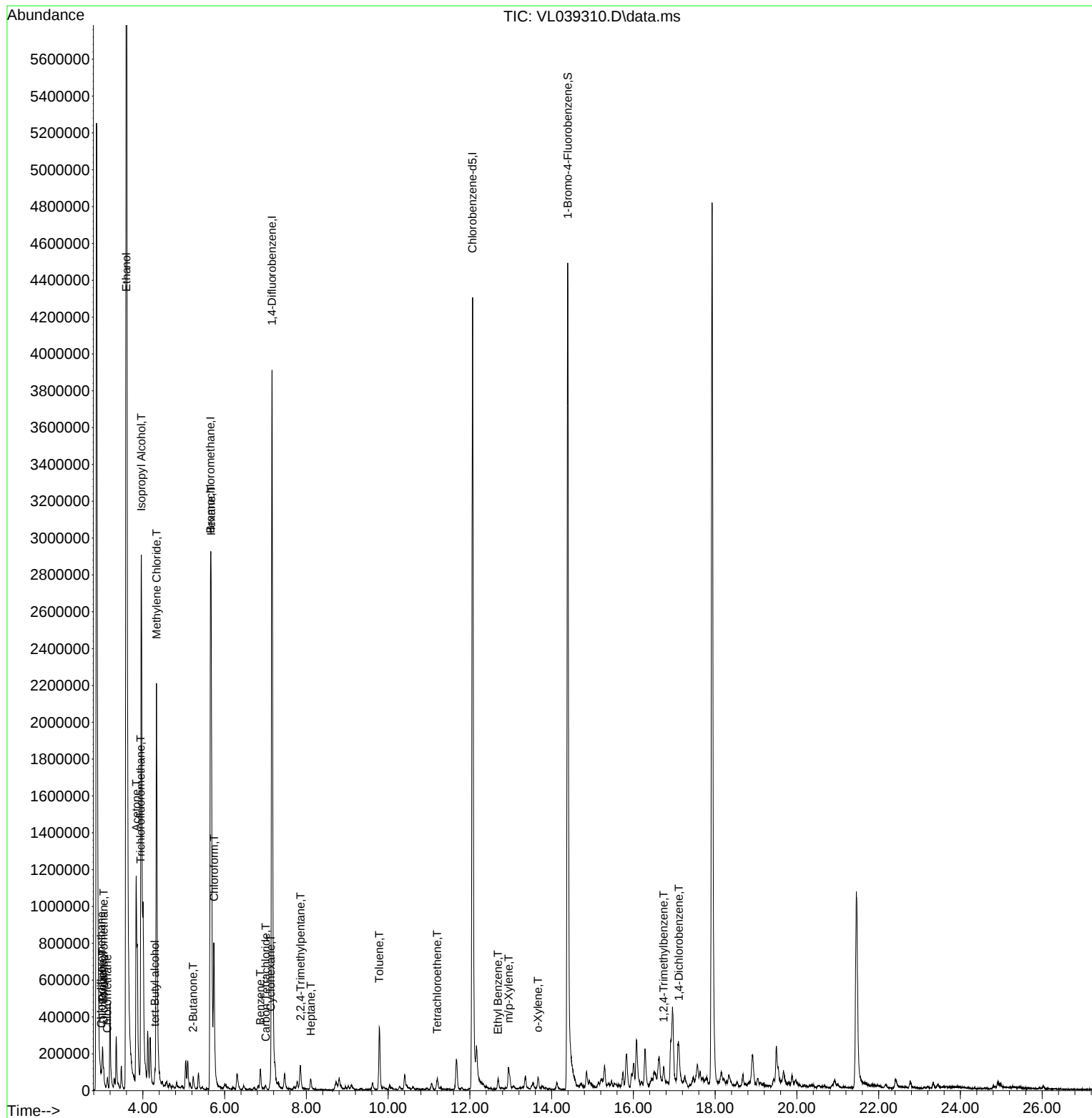
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL061522\  
Data File : VL039310.D  
Acq On : 16 Jun 2022 00:41  
Operator : SY/AP  
Sample : N3338-02DUP  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

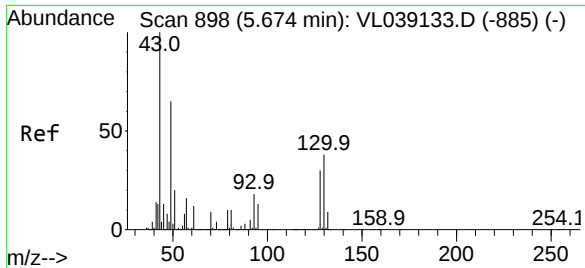
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Quant Time: Jun 16 04:39:03 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

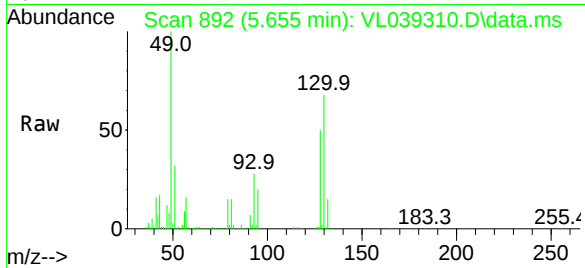
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022





#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.655 min Scan# 80  
 Delta R.T. -0.019 min  
 Lab File: VL039310.D  
 Acq: 16 Jun 2022 00:41

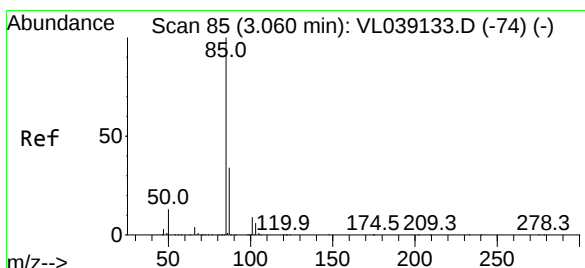
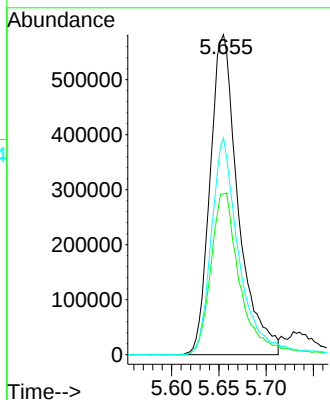
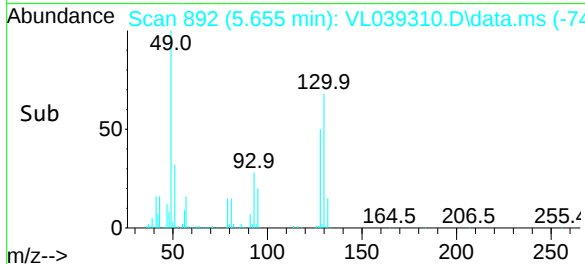
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP



Tgt Ion: 49 Resp: 120289  
 Ion Ratio Lower Upper  
 49 100  
 128 53.4 24.7 74.1  
 130 68.4 31.4 94.0

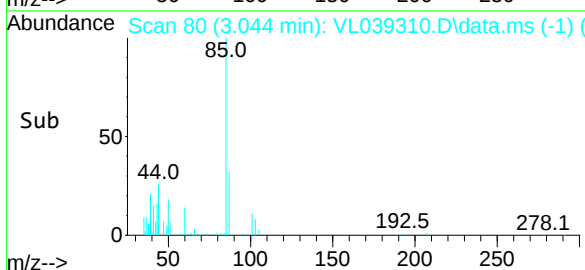
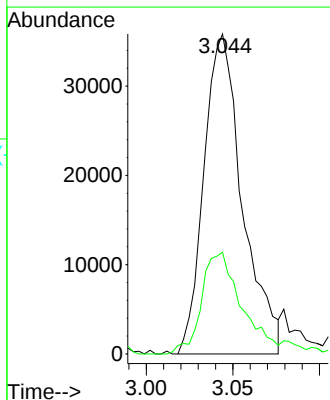
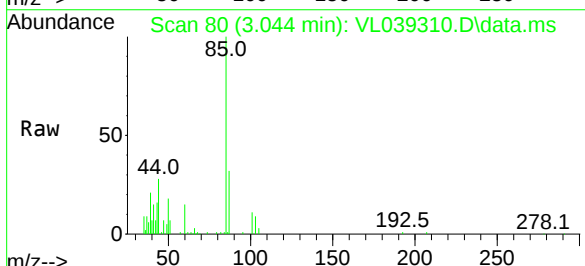
Manual Integrations  
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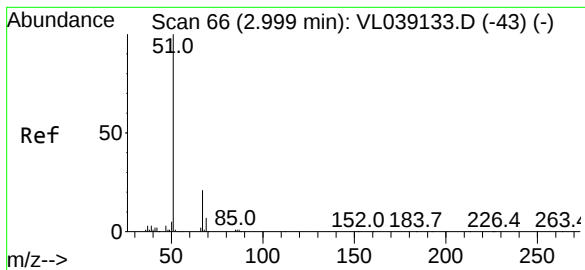
Reviewed By :Semsettin Yesilyurt 06/16/2022  
 Supervised By :Mahesh Dadoda 06/17/2022



#2  
 Dichlorodifluoromethane  
 Concen: 0.263 ppbv  
 RT: 3.044 min Scan# 80  
 Delta R.T. -0.016 min  
 Lab File: VL039310.D  
 Acq: 16 Jun 2022 00:41

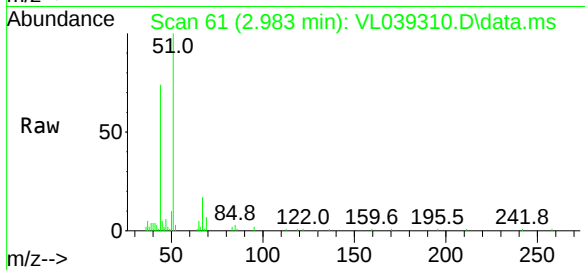
Tgt Ion: 85 Resp: 55509  
 Ion Ratio Lower Upper  
 85 100  
 87 29.1 26.9 40.3





#3  
Chlorodifluoromethane  
Concen: 0.669 ppbv  
RT: 2.983 min Scan# 61  
Delta R.T. -0.016 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

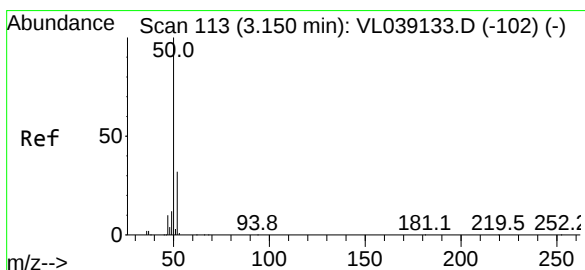
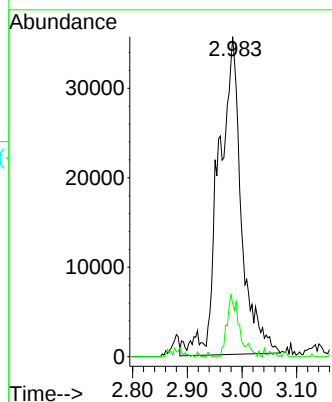
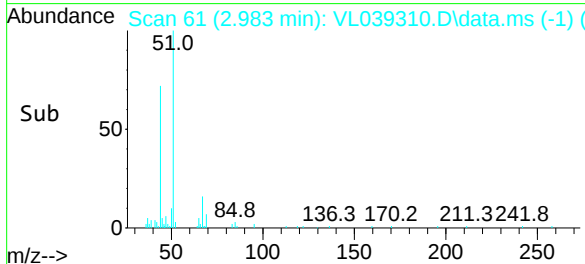
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



Tgt Ion: 51 Resp: 10246  
Ion Ratio Lower Upper  
51 100  
67 10.6 16.2 24.4

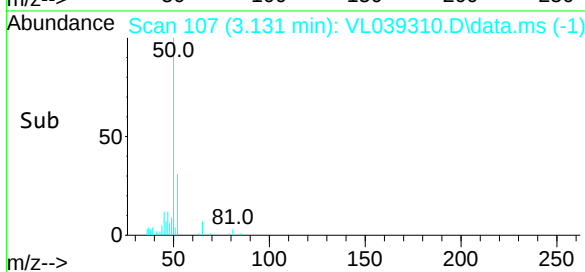
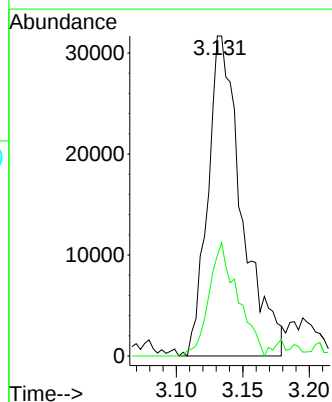
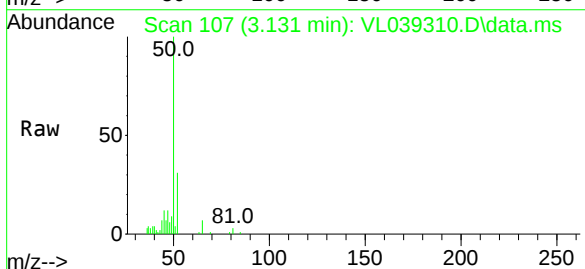
Manual Integrations  
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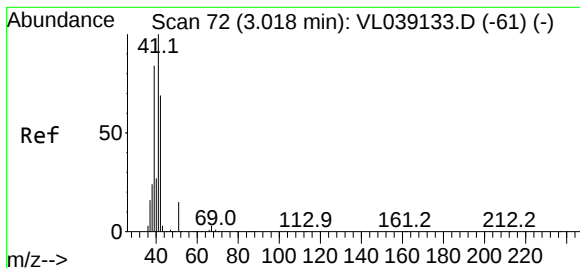
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#4  
Chloromethane  
Concen: 0.719 ppbv m  
RT: 3.131 min Scan# 107  
Delta R.T. -0.019 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

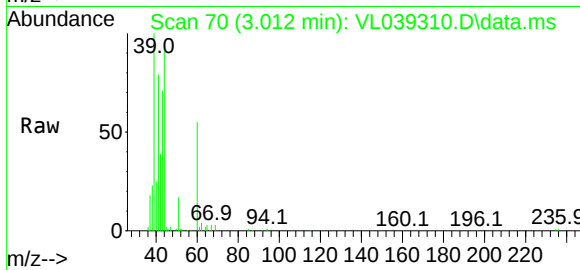
Tgt Ion: 50 Resp: 56541  
Ion Ratio Lower Upper  
50 100  
52 31.4 25.9 38.9





#9  
 Propene  
 Concen: 1.080 ppbv  
 RT: 3.012 min Scan# 70  
 Delta R.T. -0.006 min  
 Lab File: VL039310.D  
 Acq: 16 Jun 2022 00:41

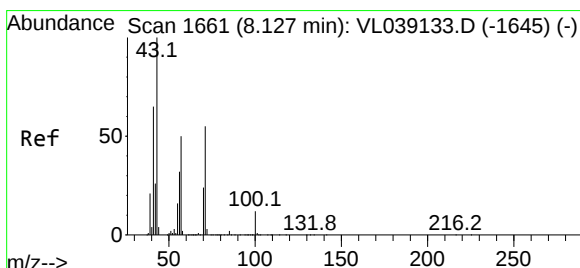
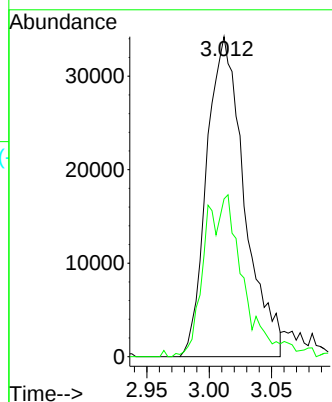
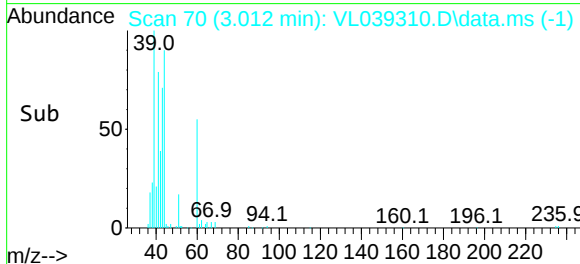
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP



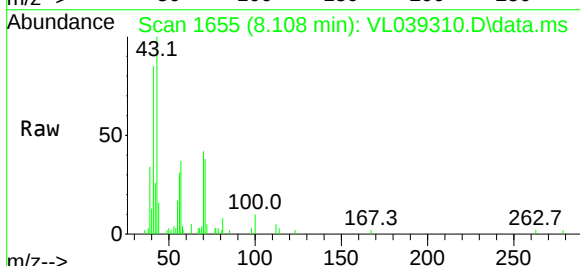
Tgt Ion: 41 Resp: 7209  
 Ion Ratio Lower Upper  
 41 100  
 42 53.9 55.4 83.2

Manual Integrations  
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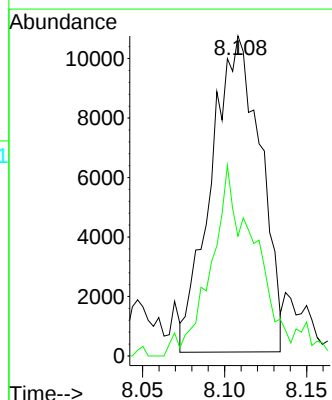
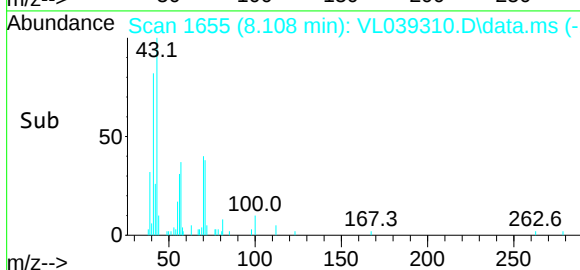
Reviewed By :Semsettin Yesilyurt 06/16/2022  
 Supervised By :Mahesh Dadoda 06/17/2022

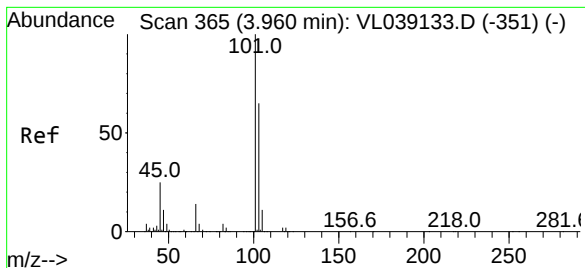


#10  
 Heptane  
 Concen: 0.143 ppbv  
 RT: 8.108 min Scan# 1655  
 Delta R.T. -0.019 min  
 Lab File: VL039310.D  
 Acq: 16 Jun 2022 00:41



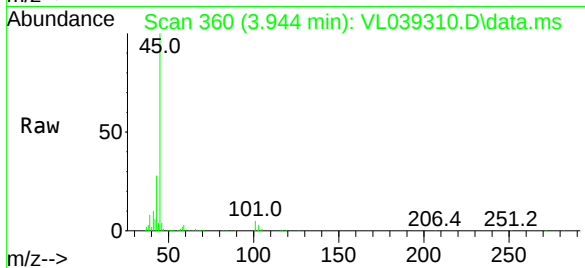
Tgt Ion: 43 Resp: 22274  
 Ion Ratio Lower Upper  
 43 100  
 57 57.7 41.4 62.2





#11  
Trichlorofluoromethane  
Concen: 0.217 ppbv  
RT: 3.944 min Scan# 30  
Delta R.T. -0.016 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

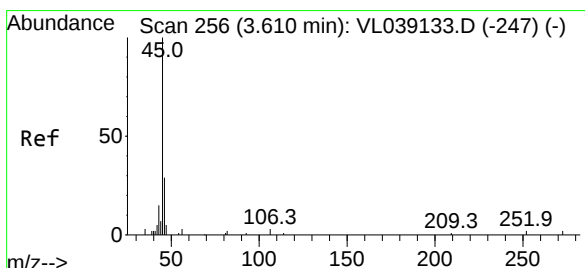
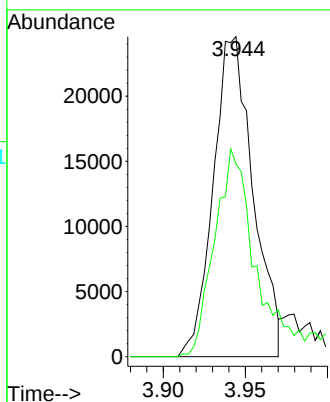
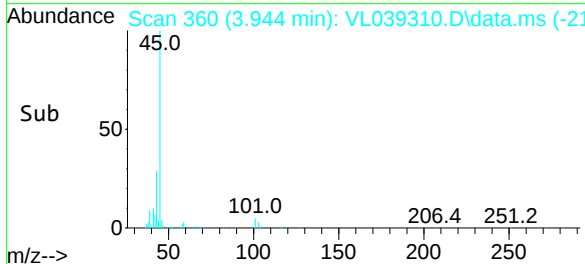
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



Tgt Ion:101 Resp: 4142  
Ion Ratio Lower Upper  
101 100  
103 60.2 51.7 77.5

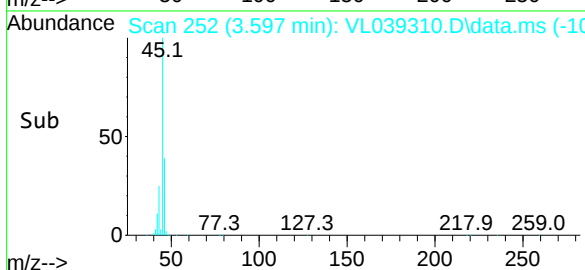
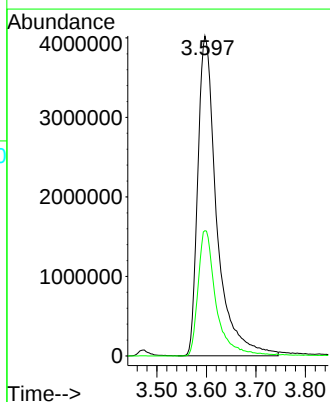
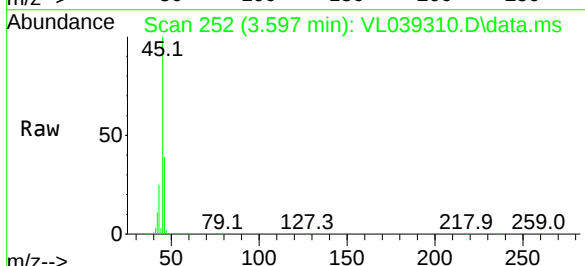
Manual Integrations  
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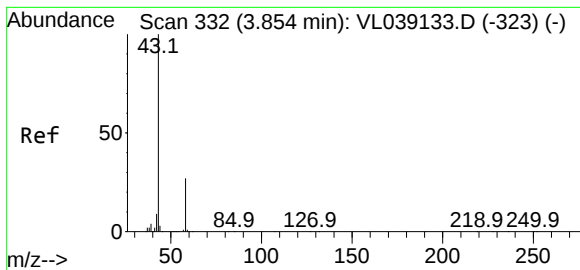
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#13  
Ethanol  
Concen: 2940.616 ppbv  
RT: 3.597 min Scan# 252  
Delta R.T. -0.013 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

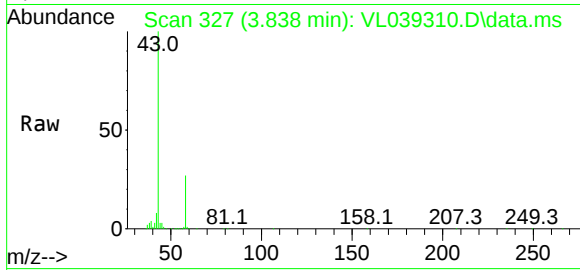
Tgt Ion: 45 Resp:10702529  
Ion Ratio Lower Upper  
45 100  
46 38.0 0.0 0.0#





#15  
Acetone  
Concen: 12.636 ppbv  
RT: 3.838 min Scan# 31  
Delta R.T. -0.016 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

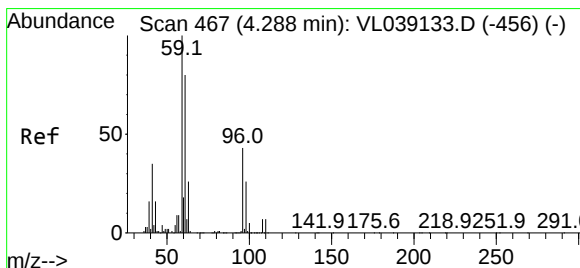
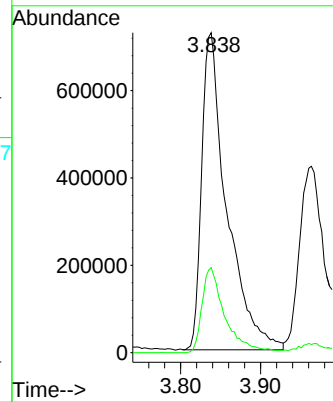
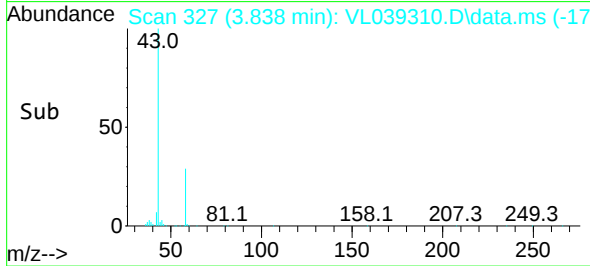
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



Tgt Ion: 43 Resp: 1583336  
Ion Ratio Lower Upper  
43 100  
58 24.5 22.5 33.7

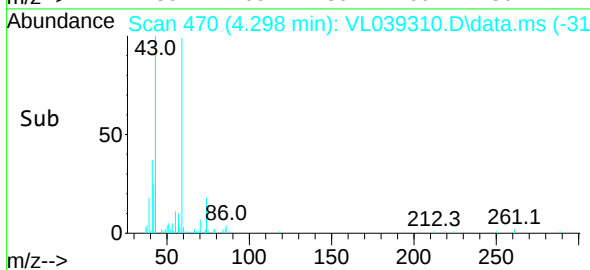
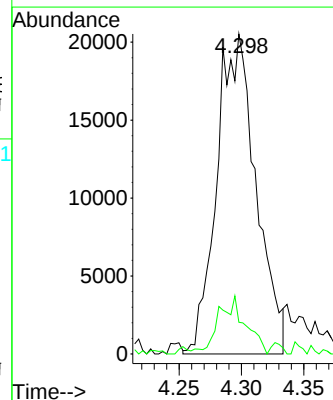
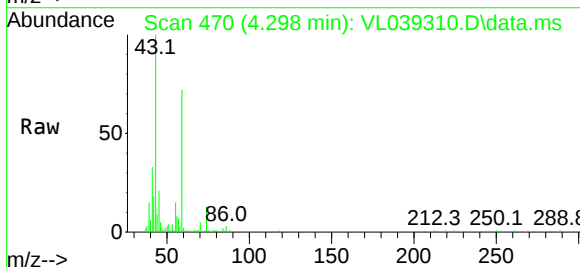
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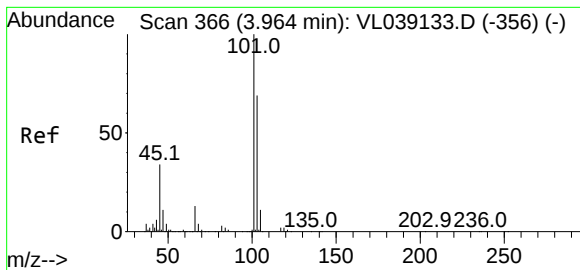
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#17  
tert-Butyl alcohol  
Concen: 0.462 ppbv m  
RT: 4.298 min Scan# 470  
Delta R.T. 0.010 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

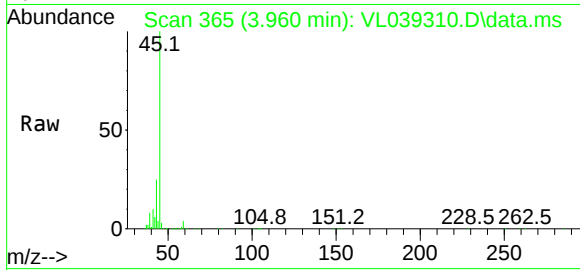
Tgt Ion: 59 Resp: 44915  
Ion Ratio Lower Upper  
59 100  
57 0.0 9.1 13.7#





#19  
Isopropyl Alcohol  
Concen: 67.164 ppbv  
RT: 3.960 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

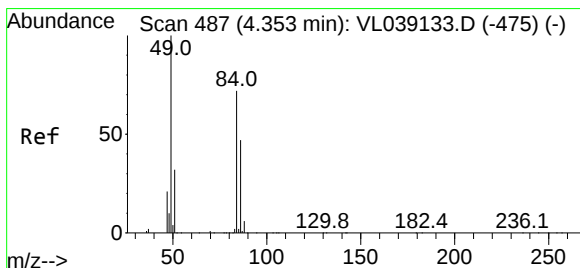
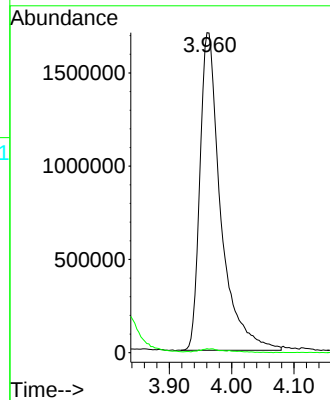
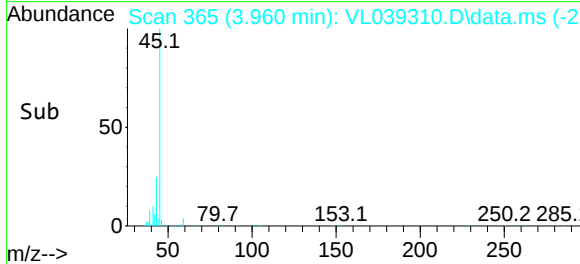
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



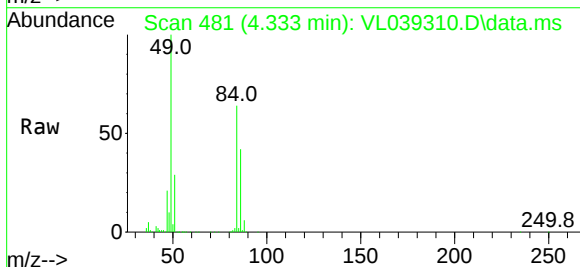
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45 100  
58 1.6 1.8 2.8

Manual Integrations  
APPROVED

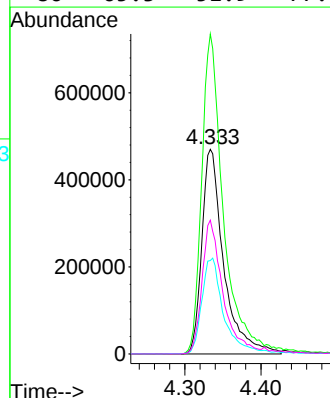
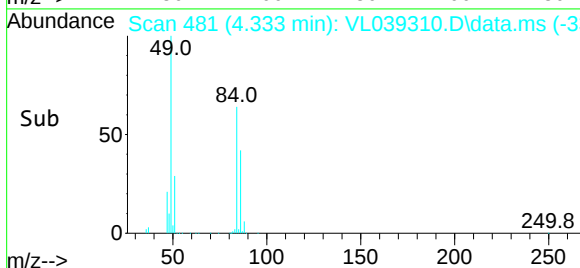
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022

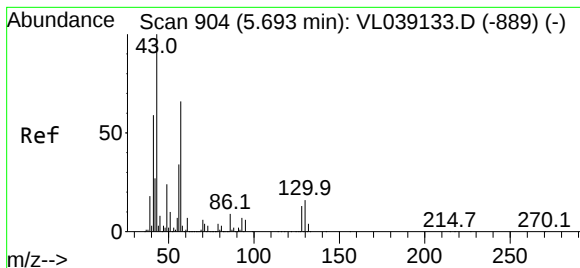


#20  
Methylene Chloride  
Concen: 17.782 ppbv  
RT: 4.333 min Scan# 481  
Delta R.T. -0.019 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41



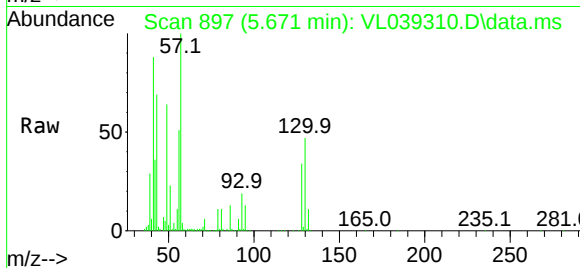
Tgt Ion: 84 Resp: 938947  
Ion Ratio Lower Upper  
84 100  
49 156.1 111.1 166.7  
51 45.5 35.3 52.9  
86 65.3 51.9 77.9





#26  
Hexane  
Concen: 6.386 ppbv  
RT: 5.671 min Scan# 897  
Delta R.T. -0.023 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

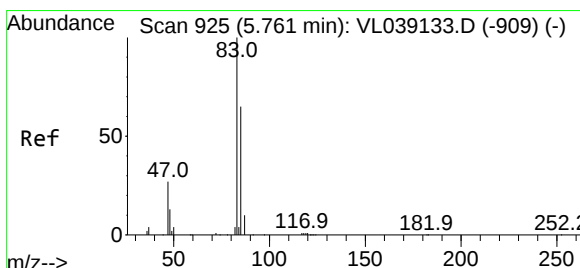
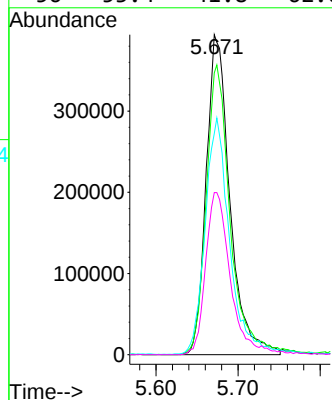
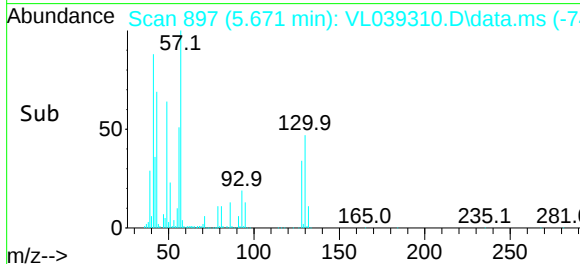
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



Tgt Ion: 57 Resp: 792608  
Ion Ratio Lower Upper  
57 100  
41 92.5 72.4 108.6  
43 77.1 187.0 280.6  
56 53.4 41.8 62.6

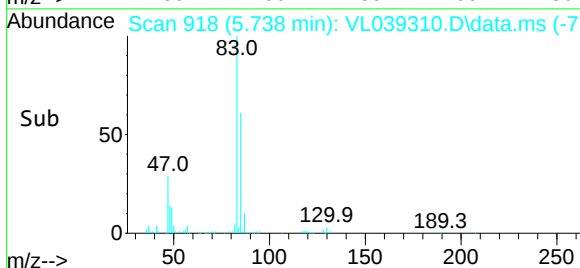
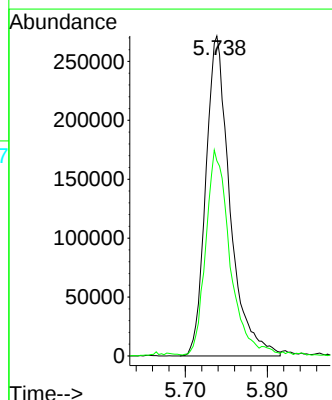
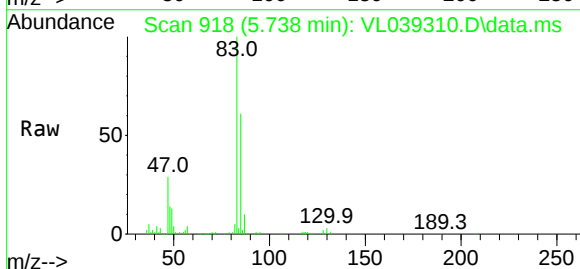
Manual Integrations  
APPROVED

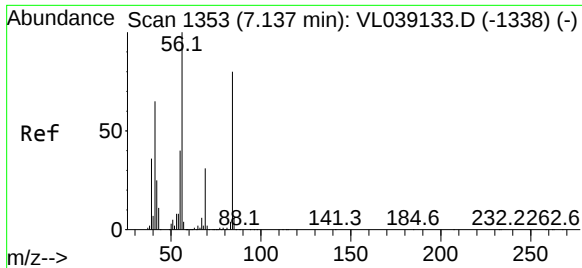
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#29  
Chloroform  
Concen: 2.659 ppbv  
RT: 5.738 min Scan# 918  
Delta R.T. -0.023 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

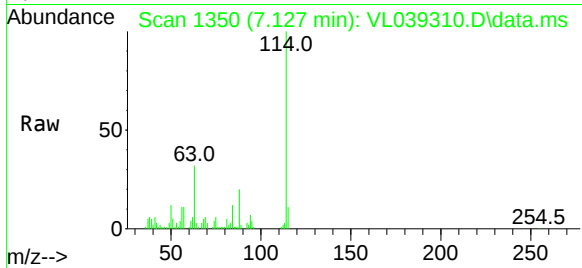
Tgt Ion: 83 Resp: 555318  
Ion Ratio Lower Upper  
83 100  
85 60.6 52.4 78.6





#30  
Cyclohexane  
Concen: 0.209 ppbv m  
RT: 7.127 min Scan# 1353  
Delta R.T. -0.010 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

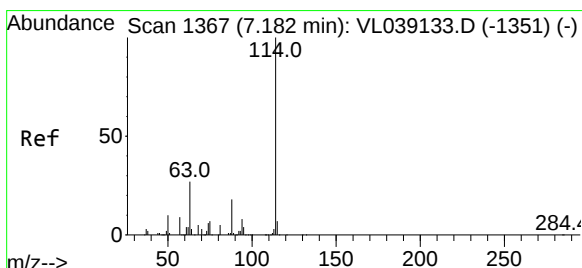
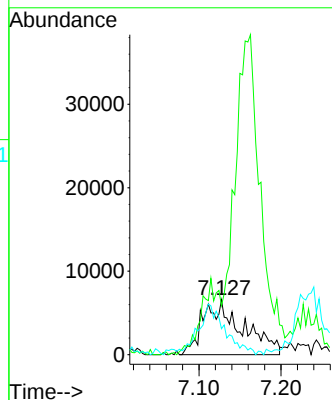
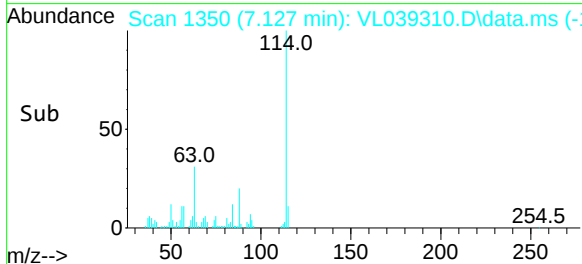
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



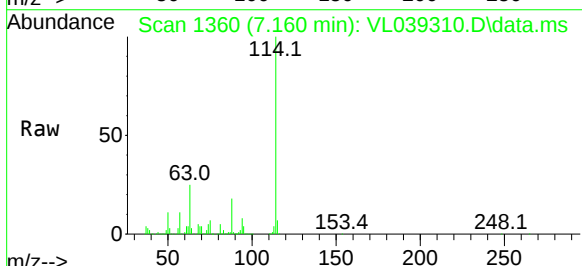
Tgt Ion: 84 Resp: 21810  
Ion Ratio Lower Upper  
84 100  
56 0.0 110.6 165.8  
41 65.1 68.9 103.3

Manual Integrations  
APPROVED

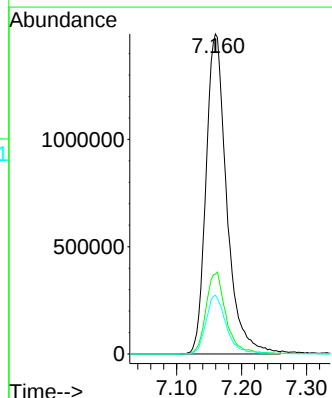
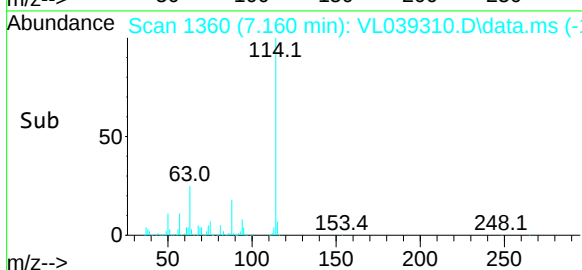
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022

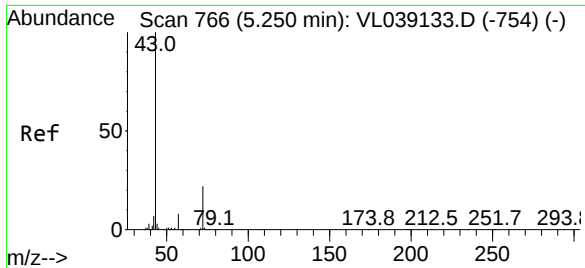


#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.160 min Scan# 1360  
Delta R.T. -0.023 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41



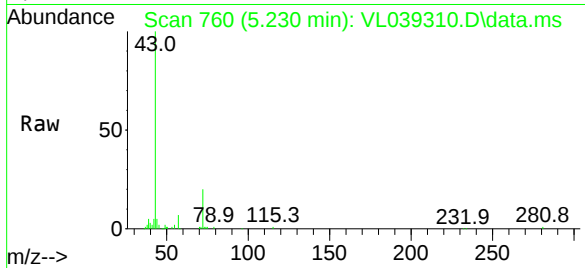
Tgt Ion:114 Resp: 3309011  
Ion Ratio Lower Upper  
114 100  
63 25.0 21.7 32.5  
88 18.1 14.8 22.2





#34  
2-Butanone  
Concen: 0.413 ppbv  
RT: 5.230 min Scan# 70  
Delta R.T. -0.019 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

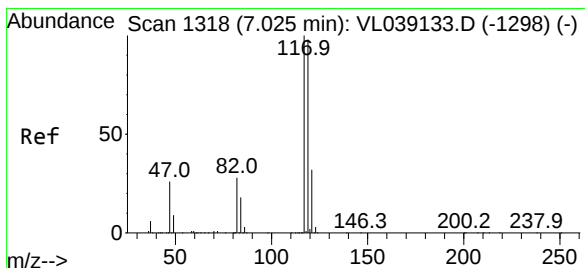
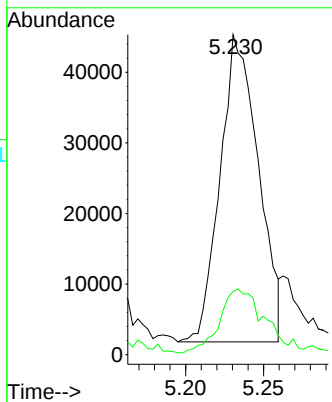
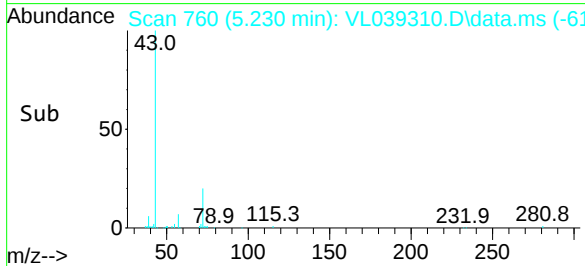
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



Tgt Ion: 43 Resp: 74324  
Ion Ratio Lower Upper  
43 100  
72 28.3 18.2 27.2

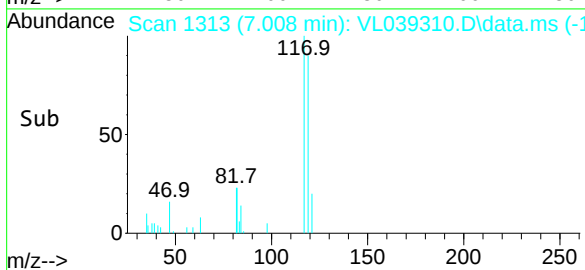
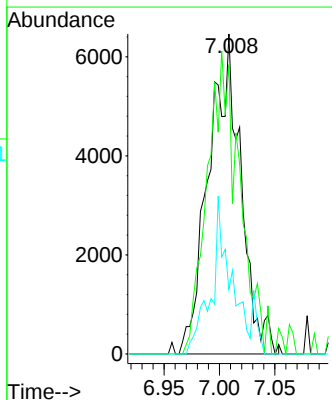
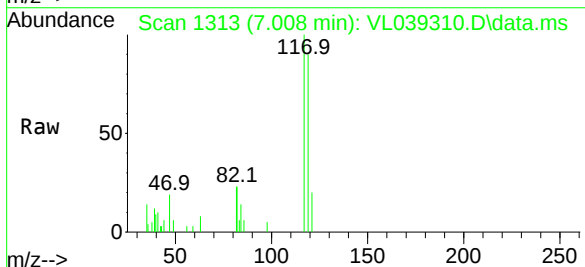
Manual Integrations  
APPROVED

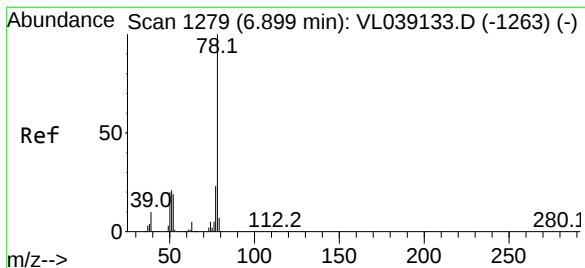
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#35  
Carbon Tetrachloride  
Concen: 0.054 ppbv m  
RT: 7.008 min Scan# 1313  
Delta R.T. -0.016 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

Tgt Ion:117 Resp: 13011  
Ion Ratio Lower Upper  
117 100  
119 90.4 78.6 118.0  
121 20.2 25.4 38.0





#36

Benzene

Concen: 0.322 ppbv

RT: 6.873 min Scan# 1576

Delta R.T. -0.026 min

Lab File: VL039310.D

Acq: 16 Jun 2022 00:41

Instrument :

MSVOA\_L

ClientSampleId :

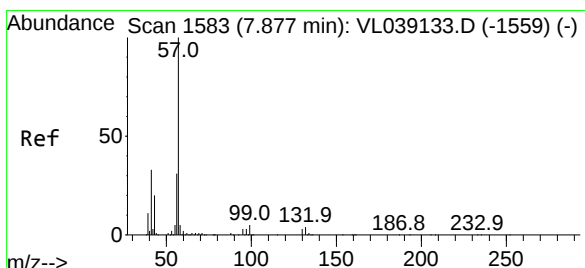
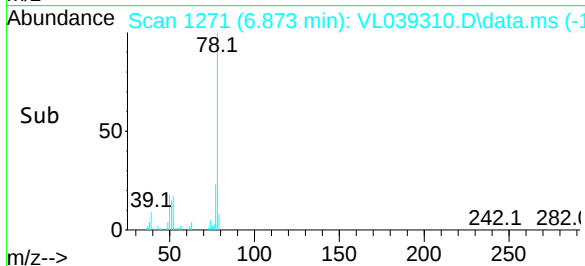
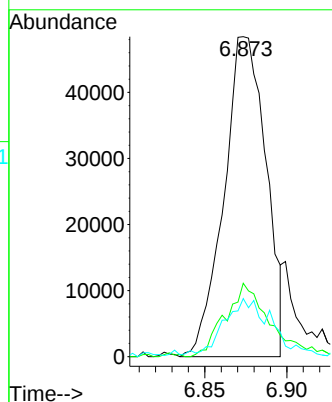
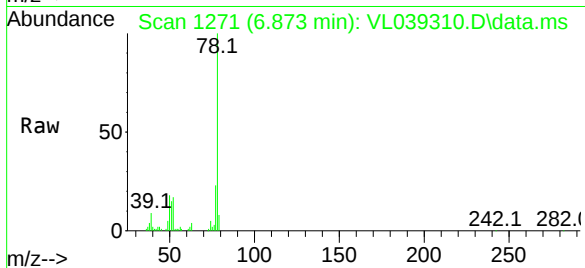
IA1DUP

|             |             |
|-------------|-------------|
| Tgt Ion: 78 | Resp: 86450 |
| Ion Ratio   | Lower Upper |
| 78 100      |             |
| 77 22.2     | 18.6 27.8   |
| 50 17.6     | 15.8 23.8   |

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#44

2,2,4-Trimethylpentane

Concen: 0.222 ppbv

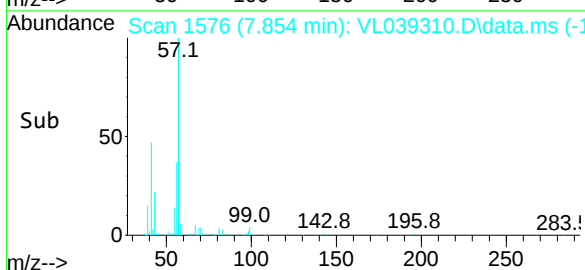
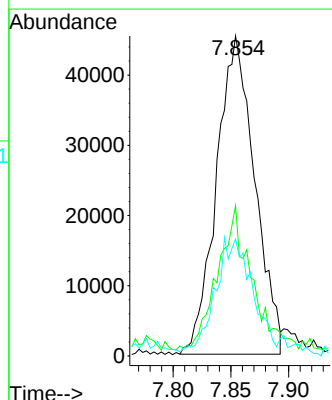
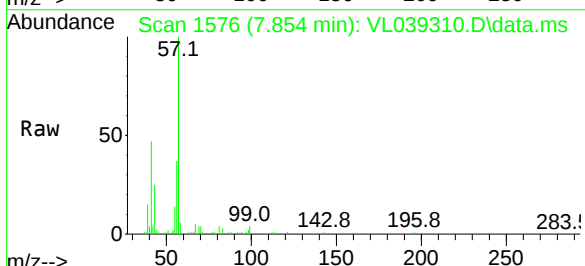
RT: 7.854 min Scan# 1576

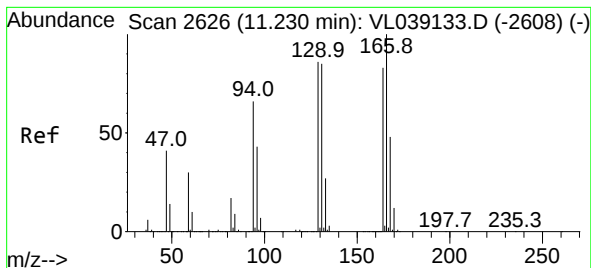
Delta R.T. -0.023 min

Lab File: VL039310.D

Acq: 16 Jun 2022 00:41

|             |              |
|-------------|--------------|
| Tgt Ion: 57 | Resp: 104384 |
| Ion Ratio   | Lower Upper  |
| 57 100      |              |
| 41 48.0     | 26.2 39.4#   |
| 56 37.4     | 24.7 37.1#   |





#52

Tetrachloroethene

Concen: 0.118 ppbv

RT: 11.201 min Scan# 2617

Delta R.T. -0.029 min

Lab File: VL039310.D

Acq: 16 Jun 2022 00:41

Instrument :

MSVOA\_L

ClientSampleId :

IA1DUP

Tgt Ion:164 Resp: 1241

Ion Ratio Lower Upper

164 100

166 86.9 96.3 144.5

129 90.5 82.5 123.7

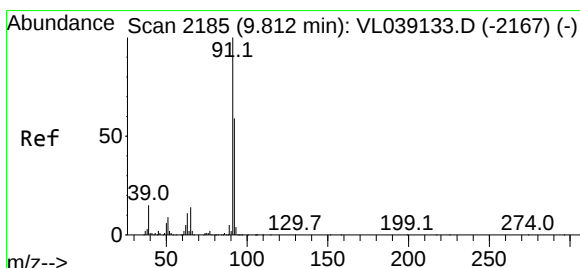
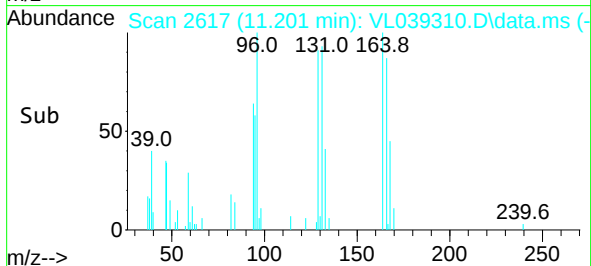
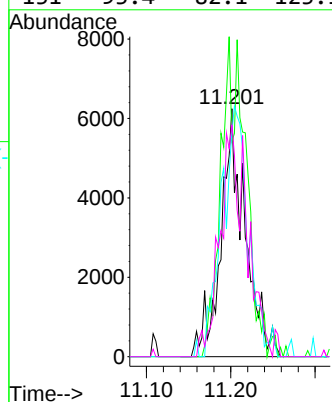
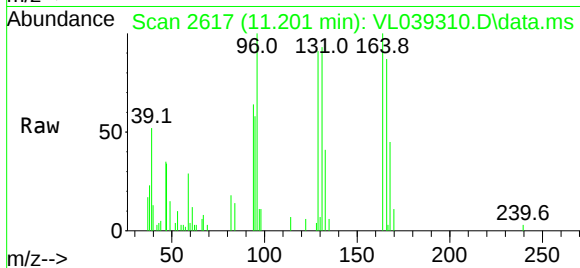
131 93.4 82.1 123.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#53

Toluene

Concen: 0.793 ppbv

RT: 9.783 min Scan# 2176

Delta R.T. -0.029 min

Lab File: VL039310.D

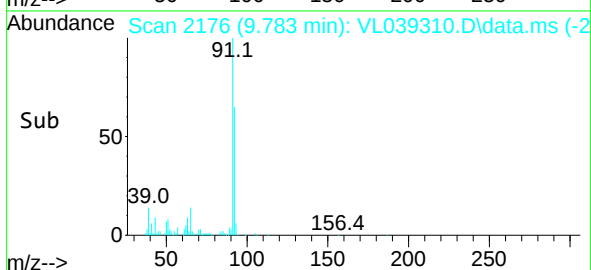
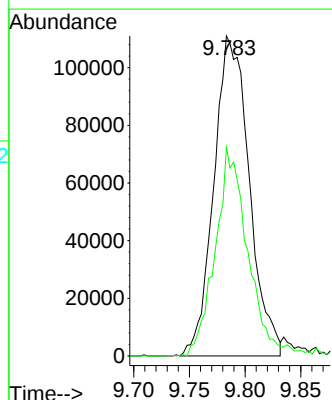
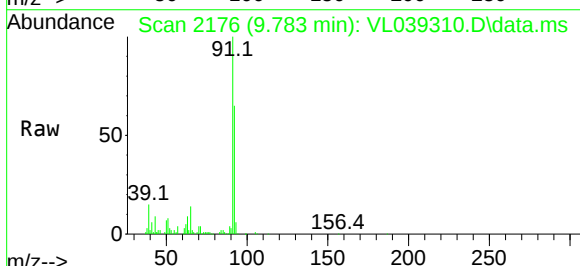
Acq: 16 Jun 2022 00:41

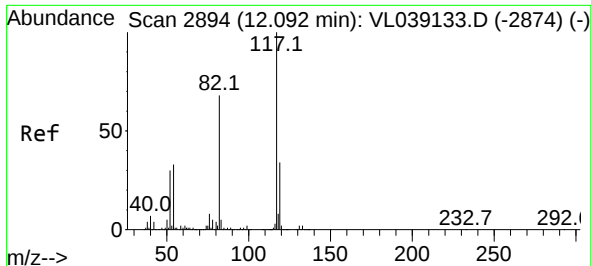
Tgt Ion: 91 Resp: 245288

Ion Ratio Lower Upper

91 100

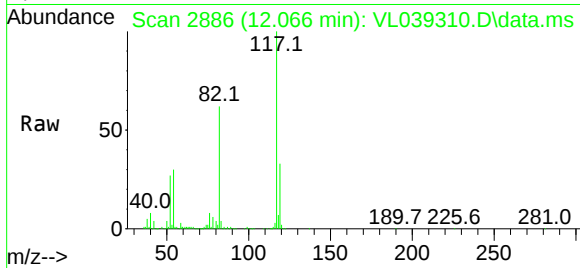
92 61.0 48.1 72.1





#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.066 min Scan# 21  
Delta R.T. -0.026 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

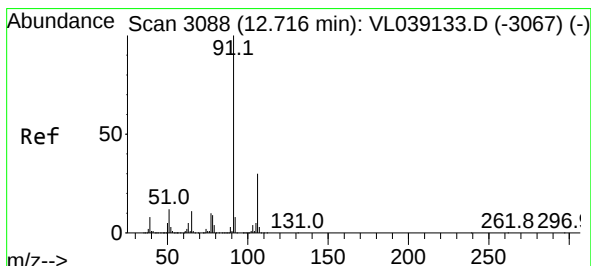
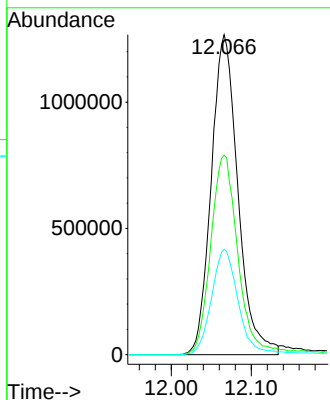
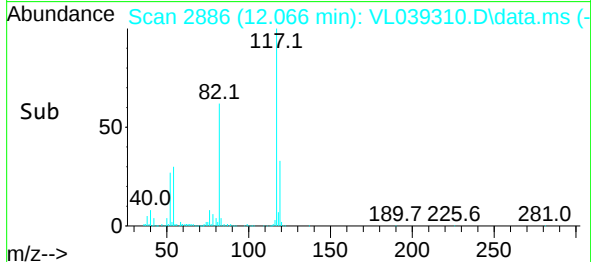
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



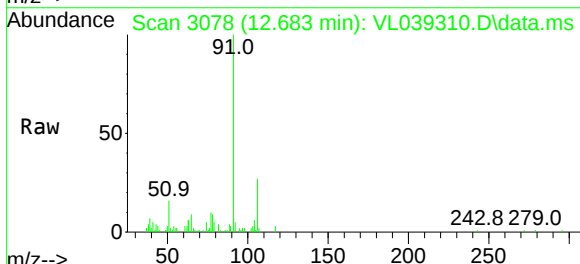
Tgt Ion: 117 Resp: 293492  
Ion Ratio Lower Upper  
117 100  
82 65.8 55.1 82.7  
119 33.7 24.7 37.1

Manual Integrations  
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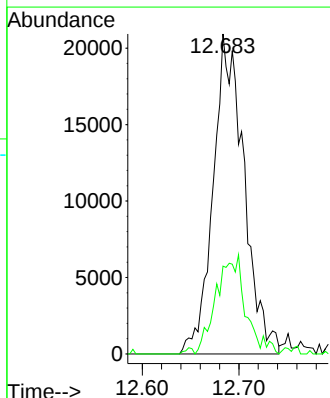
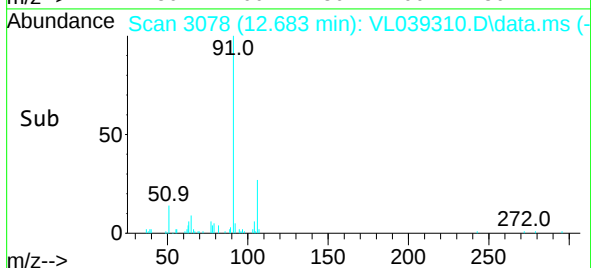
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022

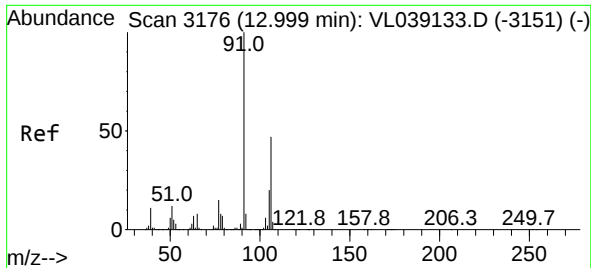


#58  
Ethyl Benzene  
Concen: 0.115 ppbv m  
RT: 12.683 min Scan# 3078  
Delta R.T. -0.032 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41



Tgt Ion: 91 Resp: 46400  
Ion Ratio Lower Upper  
91 100  
106 27.5 24.2 36.4





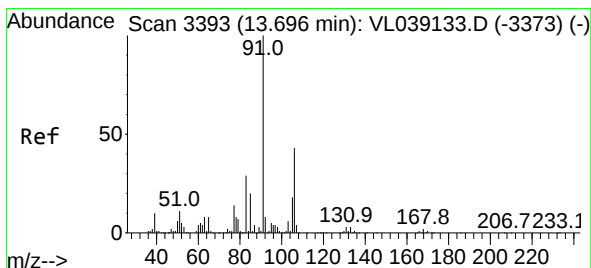
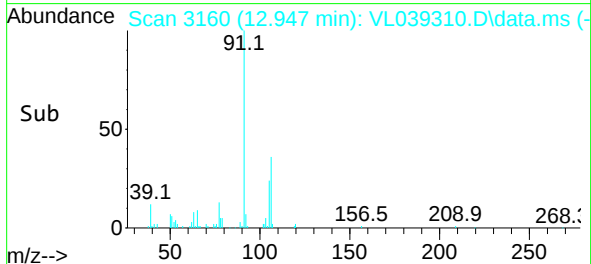
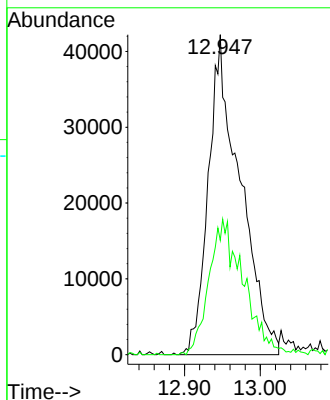
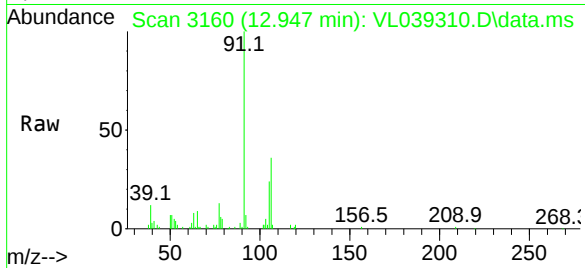
#59  
m/p-Xylene  
Concen: 0.343 ppbv m  
RT: 12.947 min Scan# 3176  
Delta R.T. -0.051 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP

Tgt Ion: 91 Resp: 12218  
Ion Ratio Lower Upper  
91 100  
106 46.0 34.3 51.5

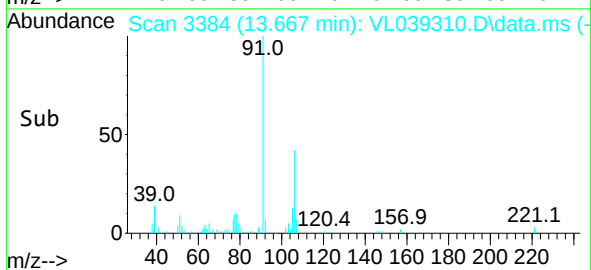
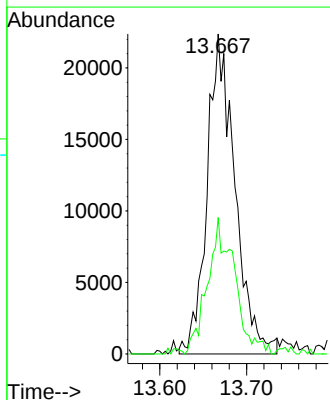
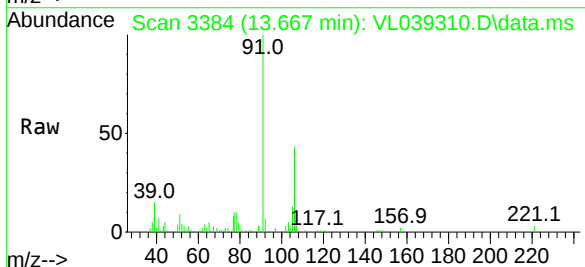
Manual Integrations  
APPROVED

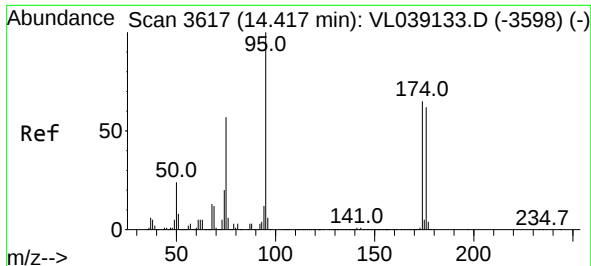
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022



#60  
o-Xylene  
Concen: 0.149 ppbv m  
RT: 13.667 min Scan# 3384  
Delta R.T. -0.029 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

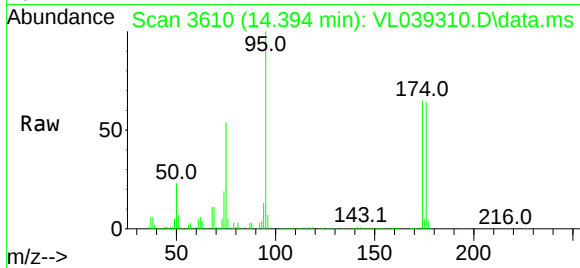
Tgt Ion: 91 Resp: 49879  
Ion Ratio Lower Upper  
91 100  
106 42.9 22.3 66.9





#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.296 ppbv  
RT: 14.394 min Scan# 3610  
Delta R.T. -0.023 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41

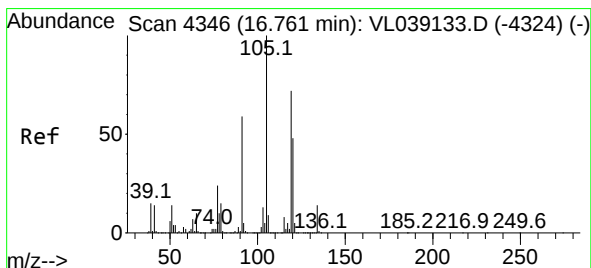
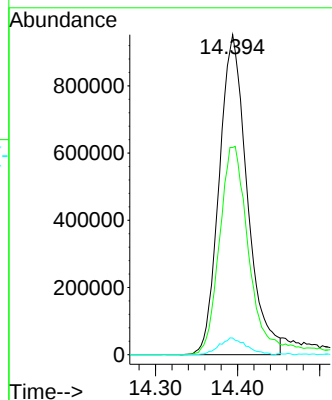
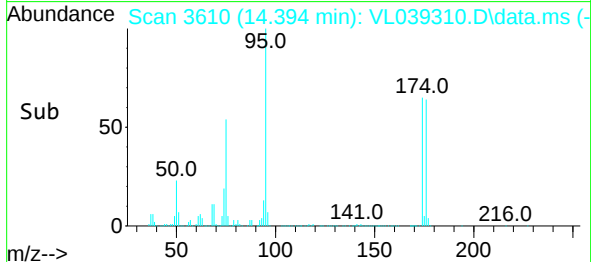
Instrument :  
MSVOA\_L  
ClientSampleId :  
IA1DUP



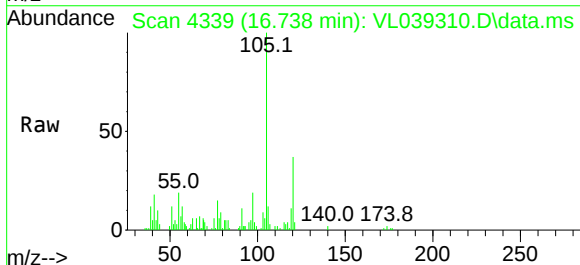
Tgt Ion: 95 Resp: 225566  
Ion Ratio Lower Upper  
95 100  
174 72.2 53.8 80.8  
175 5.1 4.1 6.1

Manual Integrations  
APPROVED

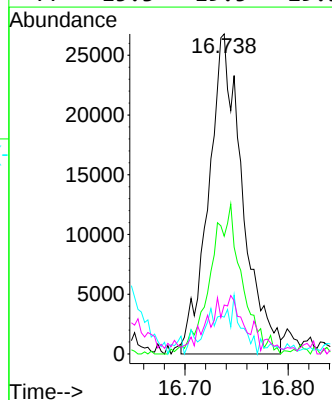
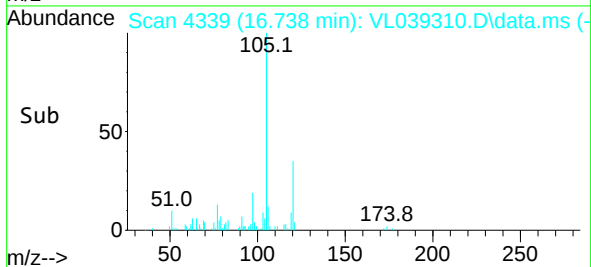
Reviewed By :Semsettin Yesilyurt 06/16/2022  
Supervised By :Mahesh Dadoda 06/17/2022

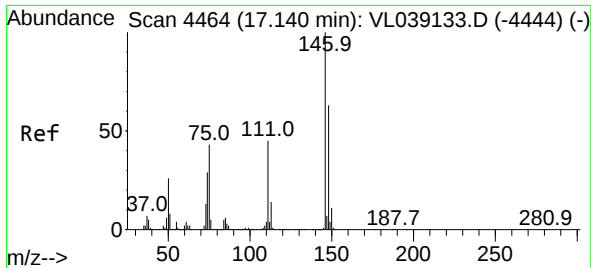


#74  
1,2,4-Trimethylbenzene  
Concen: 0.154 ppbv m  
RT: 16.738 min Scan# 4339  
Delta R.T. -0.023 min  
Lab File: VL039310.D  
Acq: 16 Jun 2022 00:41



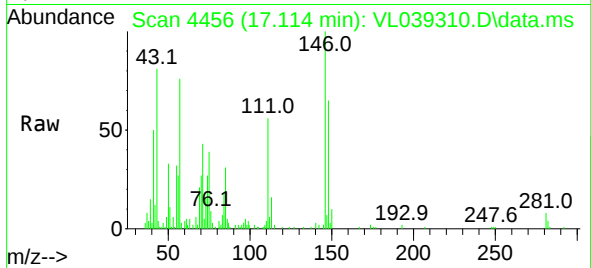
Tgt Ion:105 Resp: 60798  
Ion Ratio Lower Upper  
105 100  
120 36.8 38.1 57.1#  
91 11.5 47.4 71.0#  
77 15.3 19.5 29.3#





#76  
 1,4-Dichlorobenzene  
 Concen: 0.256 ppbv  
 RT: 17.114 min Scan# 44  
 Delta R.T. -0.026 min  
 Lab File: VL039310.D  
 Acq: 16 Jun 2022 00:41

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 IA1DUP



Tgt Ion:146 Resp: 57098  
 Ion Ratio Lower Upper  
 146 100  
 111 61.6 23.6 71.0  
 148 73.2 33.7 101.0

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022  
 Supervised By :Mahesh Dadoda 06/17/2022

