

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL022322\  
 Data File : VL038409.D  
 Acq On : 23 Feb 2022 15:34  
 Operator : SY/AP  
 Sample : N1607-03  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 DUP-1

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022  
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 24 07:27:37 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Bromochloromethane       | 5.674  | 49    | 889447   | 10.000   | ppbv  | 0.03     |
| 33) 1,4-Difluorobenzene     | 7.182  | 114   | 2179576  | 10.000   | ppbv  | 0.03     |
| 55) Chlorobenzene-d5        | 12.089 | 117   | 1914980  | 10.000   | ppbv  | # 0.03   |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 68) 1-Bromo-4-Fluorobenzene | 14.417 | 95    | 1600185  | 10.099   | ppbv  | 0.03     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =     | 101.000% |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane  | 3.063  | 85    | 34934    | 0.248    | ppbv  | 95       |
| 3) Chlorodifluoromethane    | 2.993  | 51    | 52881m   | 0.337    | ppbv  |          |
| 4) Chloromethane            | 3.157  | 50    | 14232m   | 0.261    | ppbv  |          |
| 9) Propene                  | 3.038  | 41    | 93524m   | 1.803    | ppbv  |          |
| 10) Heptane                 | 8.127  | 43    | 266613   | 2.112    | ppbv  | 97       |
| 11) Trichlorofluoromethane  | 3.957  | 101   | 31516m   | 0.234    | ppbv  |          |
| 13) Ethanol                 | 3.616  | 45    | 377009   | 72.848   | ppbv  | 86       |
| 15) Acetone                 | 3.858  | 43    | 488954   | 6.464    | ppbv  | 97       |
| 17) tert-Butyl alcohol      | 4.304  | 59    | 59816m   | 0.793    | ppbv  |          |
| 19) Isopropyl Alcohol       | 3.983  | 45    | 178705   | 4.080    | ppbv  | # 1      |
| 20) Methylene Chloride      | 4.353  | 84    | 766677   | 20.457   | ppbv  | 98       |
| 26) Hexane                  | 5.693  | 57    | 725401   | 7.883    | ppbv  | # 43     |
| 30) Cyclohexane             | 7.134  | 84    | 58454m   | 0.777    | ppbv  |          |
| 34) 2-Butanone              | 5.253  | 43    | 40827    | 0.596    | ppbv  | # 85     |
| 35) Carbon Tetrachloride    | 7.031  | 117   | 8972m    | 0.059    | ppbv  |          |
| 36) Benzene                 | 6.896  | 78    | 45045    | 0.235    | ppbv  | # 94     |
| 38) Trichloroethene         | 7.841  | 130   | 2570m    | 0.037    | ppbv  |          |
| 41) Tetrahydrofuran         | 6.060  | 42    | 30822m   | 0.665    | ppbv  |          |
| 44) 2,2,4-Trimethylpentane  | 7.873  | 57    | 312618   | 0.948    | ppbv  | # 77     |
| 52) Tetrachloroethene       | 11.227 | 164   | 3694m    | 0.058    | ppbv  |          |
| 53) Toluene                 | 9.809  | 91    | 1481246  | 7.110    | ppbv  | 99       |
| 58) Ethyl Benzene           | 12.712 | 91    | 232959   | 0.890    | ppbv  | 97       |
| 59) m/p-Xylene              | 12.966 | 91    | 830805   | 3.694    | ppbv  | 96       |
| 60) o-Xylene                | 13.693 | 91    | 191880m  | 0.903    | ppbv  |          |
| 62) Isopropylbenzene        | 14.671 | 105   | 98978    | 0.347    | ppbv  | 99       |
| 65) tert-Butylbenzene       | 16.764 | 119   | 87093    | 0.352    | ppbv  | # 50     |
| 67) sec-Butylbenzene        | 17.297 | 105   | 120936m  | 0.345    | ppbv  |          |
| 69) p-Isopropyltoluene      | 17.645 | 119   | 63106    | 0.229    | ppbv  | 93       |
| 70) n-Butylbenzene          | 18.555 | 91    | 176016m  | 0.618    | ppbv  |          |
| 72) 4-Ethyltoluene          | 15.841 | 105   | 245626   | 1.049    | ppbv  | 98       |
| 73) 1,3,5-Trimethylbenzene  | 15.995 | 105   | 265623   | 1.249    | ppbv  | 96       |
| 74) 1,2,4-Trimethylbenzene  | 16.761 | 105   | 820027   | 3.651    | ppbv  | # 69     |
| 79) Naphthalene             | 22.188 | 128   | 31361m   | 0.258    | ppbv  |          |
| 80) Naphthalene,2-methyl-   | 24.966 | 142   | 7373m    | 0.310    | ppbv  |          |
| -----                       |        |       |          |          |       |          |

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

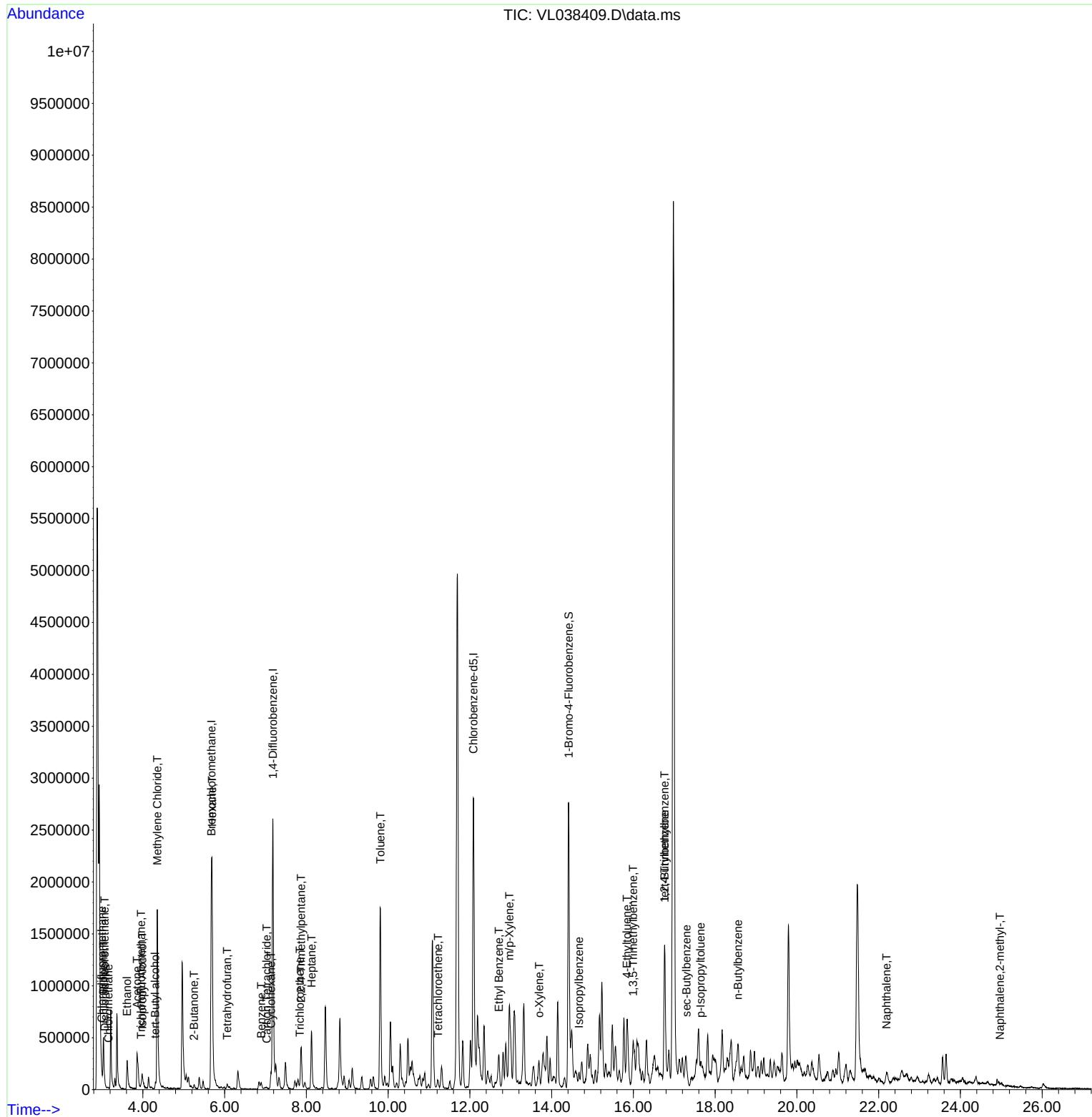
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL022322\  
Data File : VL038409.D  
Acq On : 23 Feb 2022 15:34  
Operator : SY/AP  
Sample : N1607-03  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

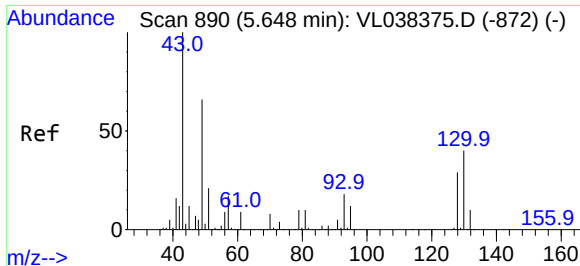
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1

Manual Integrations  
APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

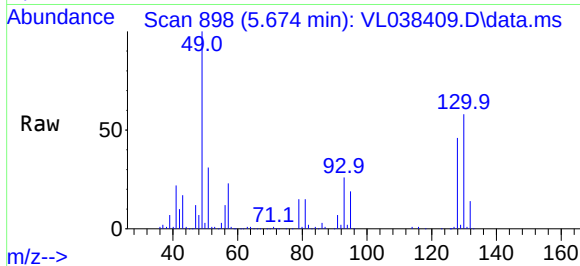
Quant Time: Feb 24 07:27:37 2022  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL022222AIR.M  
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_LTue Feb  
QLast Update : Tue Feb 22 19:45:51 2022  
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.674 min Scan# 89  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

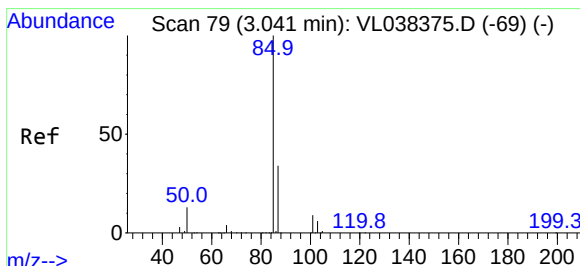
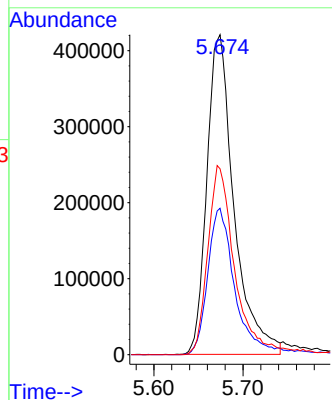
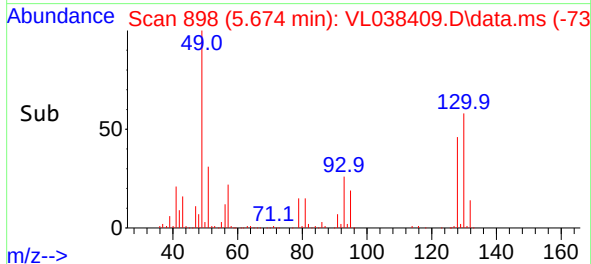
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion: 49 Resp: 88944  
Ion Ratio Lower Upper  
49 100  
128 47.3 24.3 72.9  
130 60.6 30.1 90.5

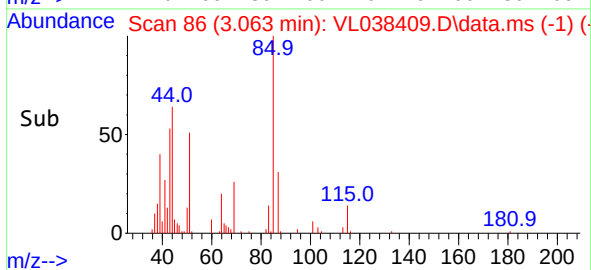
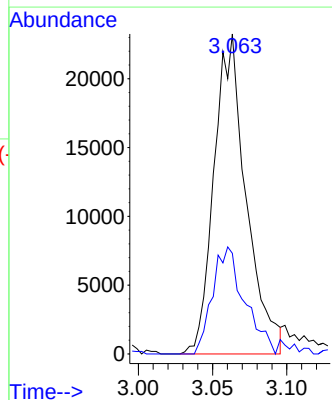
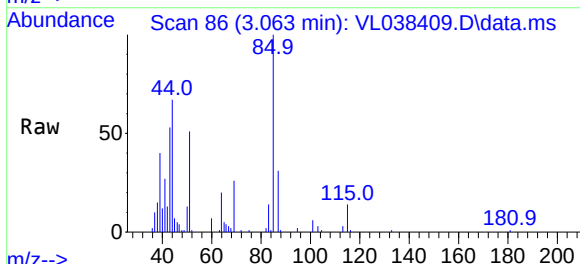
Manual Integrations  
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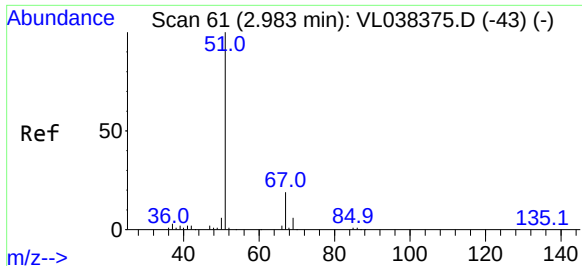
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#2  
Dichlorodifluoromethane  
Concen: 0.248 ppbv  
RT: 3.063 min Scan# 86  
Delta R.T. 0.023 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

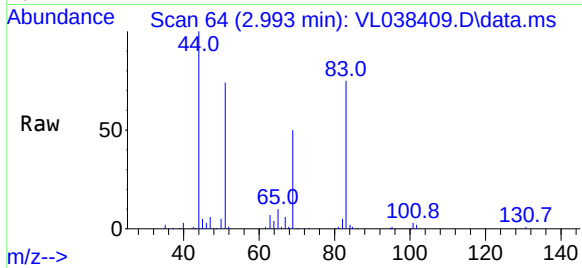
Tgt Ion: 85 Resp: 34934  
Ion Ratio Lower Upper  
85 100  
87 31.5 27.4 41.0





#3  
Chlorodifluoromethane  
Concen: 0.337 ppbv m  
RT: 2.993 min Scan# 64  
Delta R.T. 0.010 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

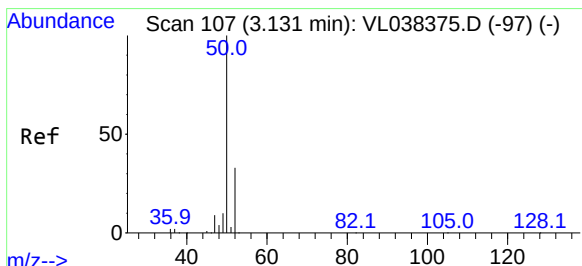
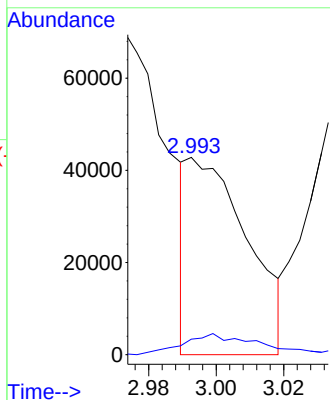
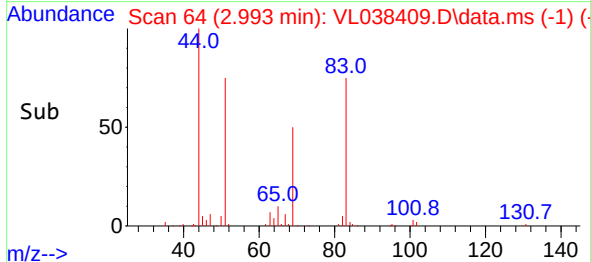
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



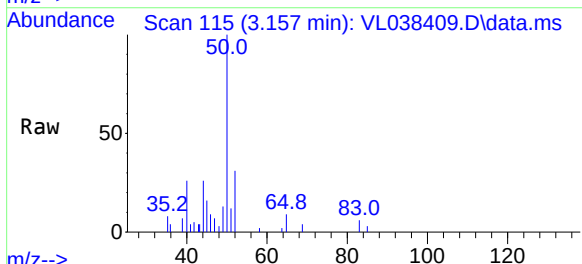
Tgt Ion: 51 Resp: 5288  
Ion Ratio Lower Upper  
51 100  
67 2.2 14.7 22.1

Manual Integrations  
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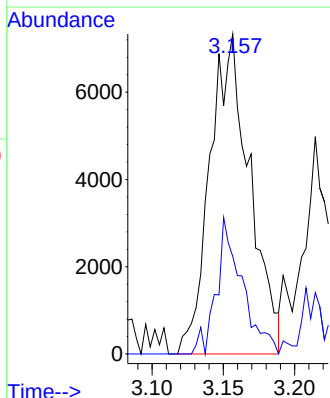
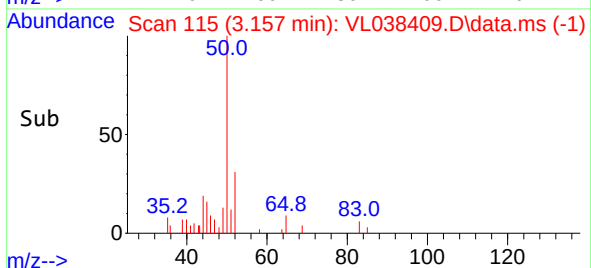
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

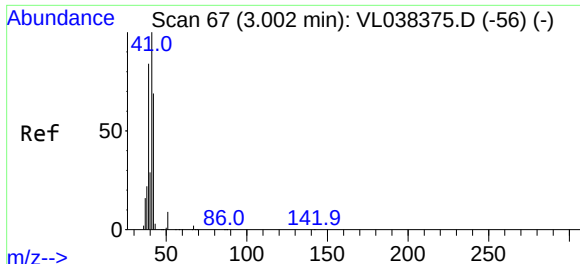


#4  
Chloromethane  
Concen: 0.261 ppbv m  
RT: 3.157 min Scan# 115  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



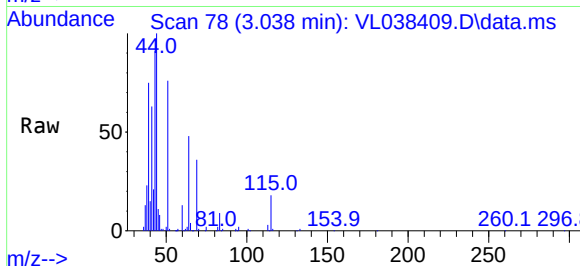
Tgt Ion: 50 Resp: 14232  
Ion Ratio Lower Upper  
50 100  
52 30.5 26.5 39.7





#9  
Propene  
Concen: 1.803 ppbv m  
RT: 3.038 min Scan# 71  
Delta R.T. 0.035 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

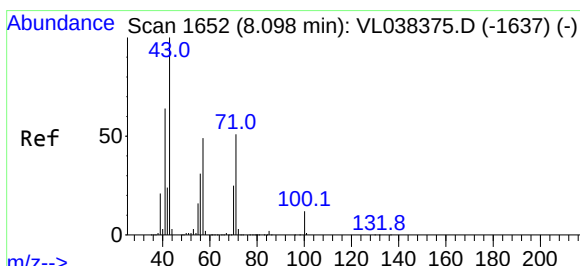
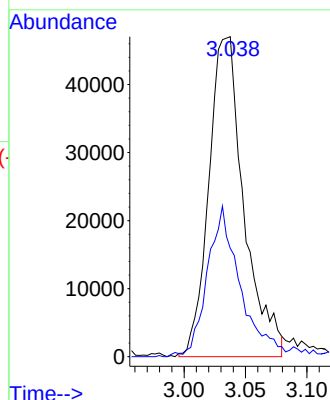
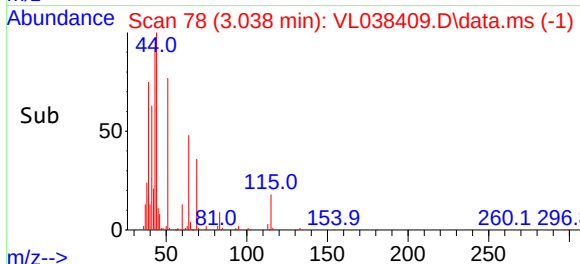
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



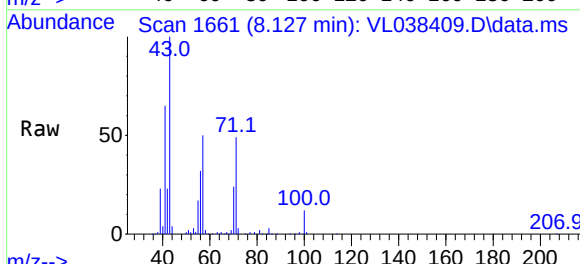
Tgt Ion: 41 Resp: 93524  
Ion Ratio Lower Upper  
41 100  
42 194.2 54.6 82.0

Manual Integrations  
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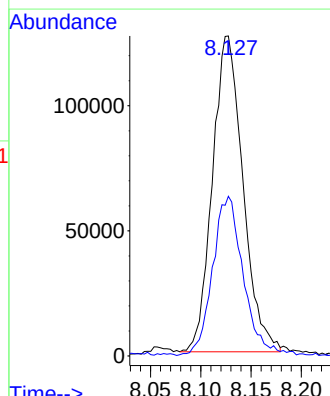
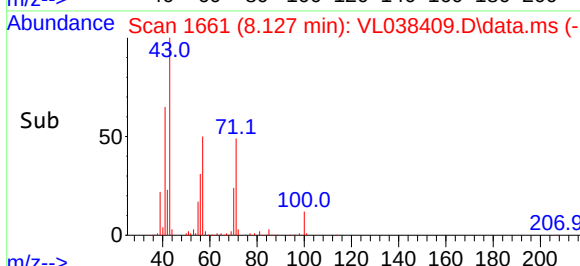
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

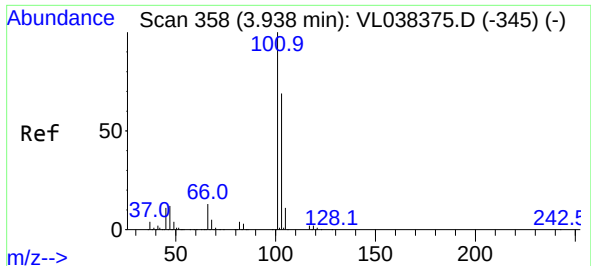


#10  
Heptane  
Concen: 2.112 ppbv  
RT: 8.127 min Scan# 1661  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



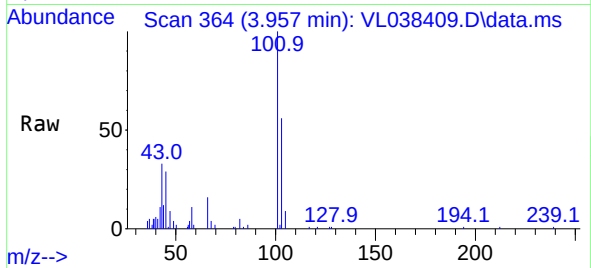
Tgt Ion: 43 Resp: 266613  
Ion Ratio Lower Upper  
43 100  
57 51.9 39.8 59.8





#11  
Trichlorofluoromethane  
Concen: 0.234 ppbv m  
RT: 3.957 min Scan# 30  
Delta R.T. 0.019 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

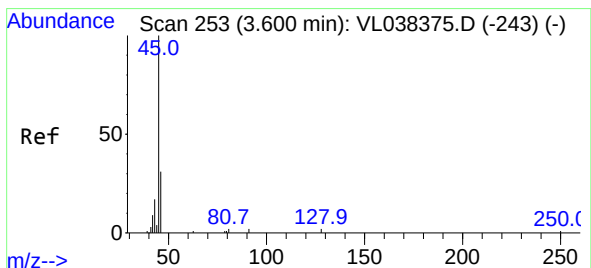
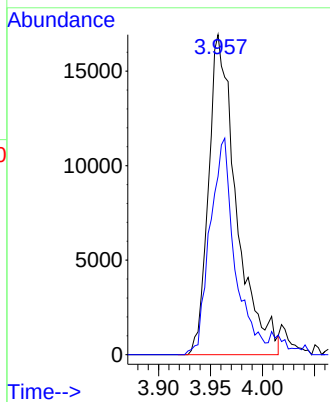
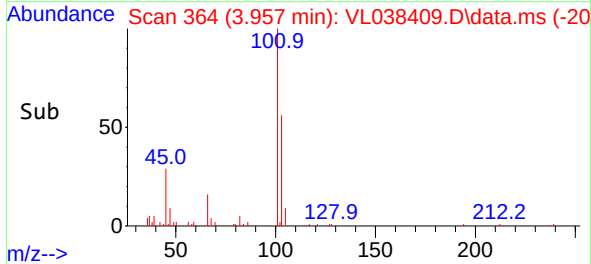
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion:101 Resp: 31510  
Ion Ratio Lower Upper  
101 100  
103 55.7 55.0 82.4

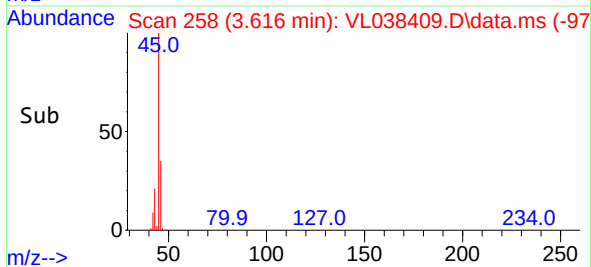
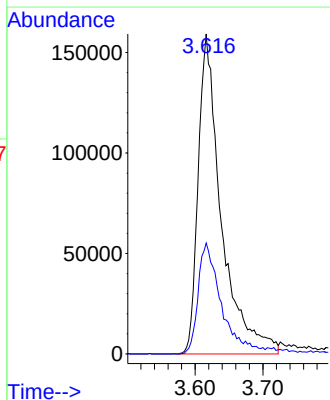
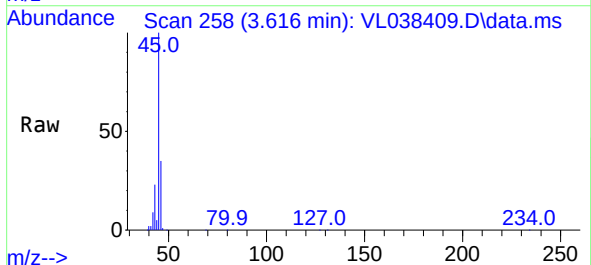
Manual Integrations  
APPROVED

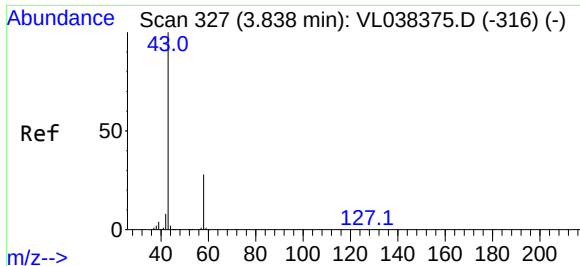
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#13  
Ethanol  
Concen: 72.848 ppbv  
RT: 3.616 min Scan# 258  
Delta R.T. 0.016 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

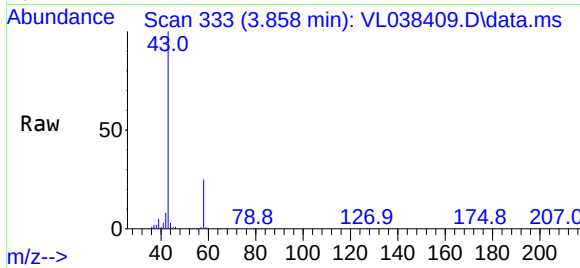
Tgt Ion: 45 Resp: 377009  
Ion Ratio Lower Upper  
45 100  
46 36.2 18.2 72.8





#15  
Acetone  
Concen: 6.464 ppbv  
RT: 3.858 min Scan# 31  
Delta R.T. 0.019 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

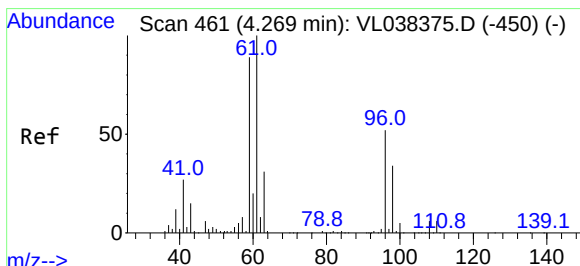
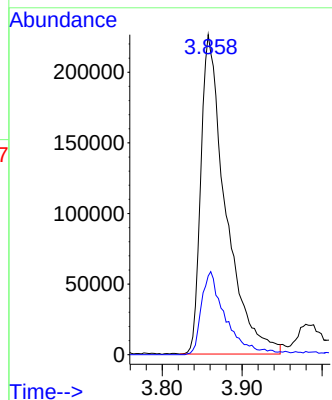
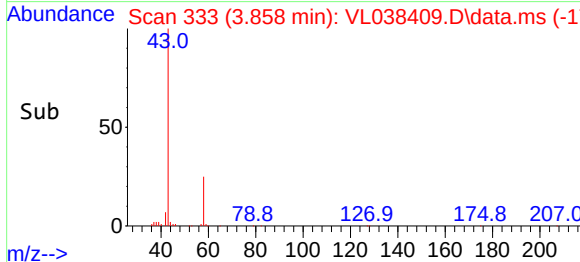
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion: 43 Resp: 488954  
Ion Ratio Lower Upper  
43 100  
58 25.6 21.7 32.5

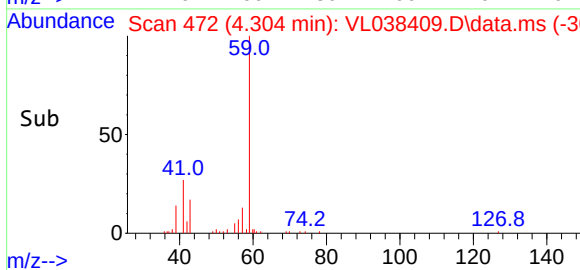
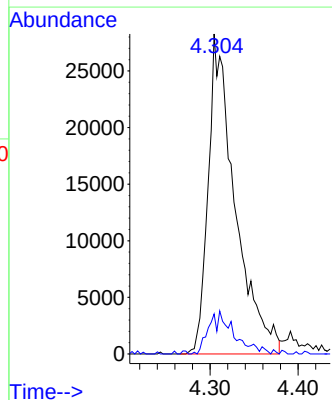
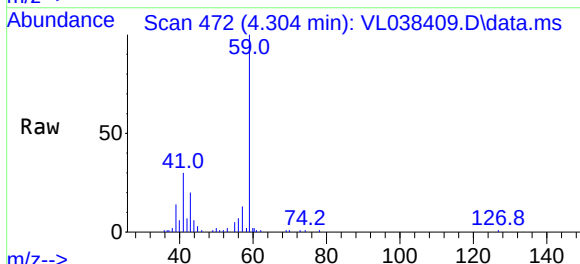
Manual Integrations  
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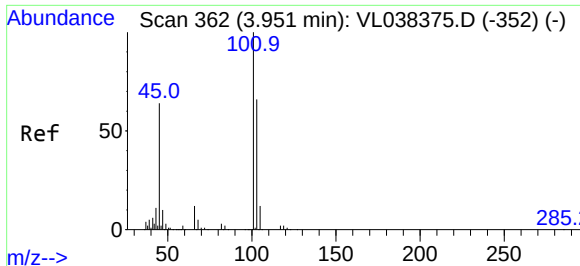
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#17  
tert-Butyl alcohol  
Concen: 0.793 ppbv m  
RT: 4.304 min Scan# 472  
Delta R.T. 0.035 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

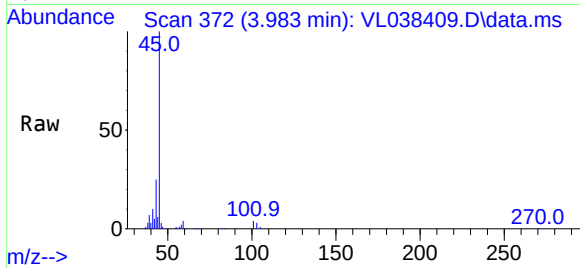
Tgt Ion: 59 Resp: 59816  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.4 12.6#





#19  
Isopropyl Alcohol  
Concen: 4.080 ppbv  
RT: 3.983 min Scan# 31  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

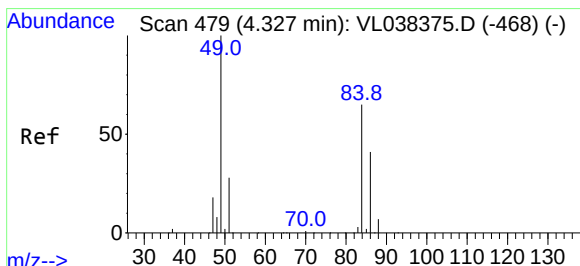
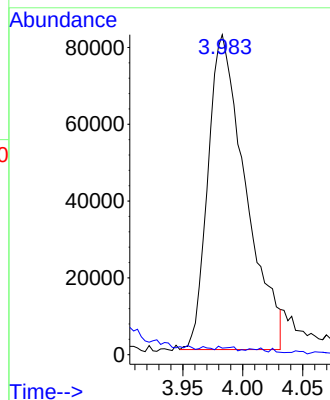
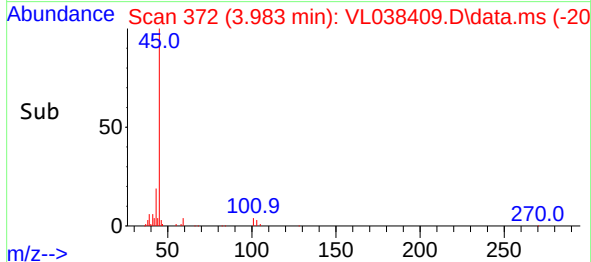
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion: 45 Resp: 17870  
Ion Ratio Lower Upper  
45 100  
58 72.2 1.8 2.8

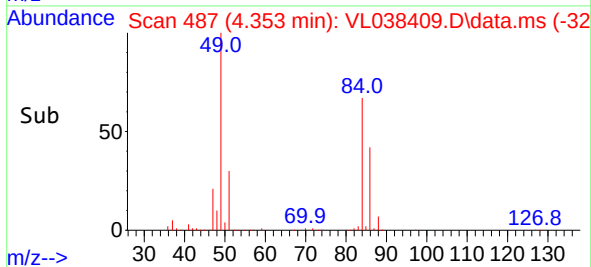
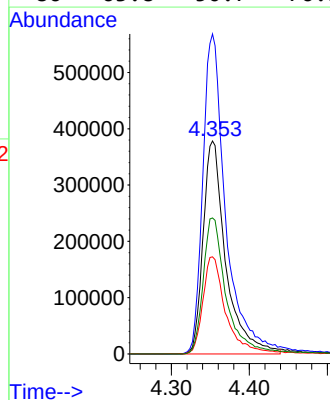
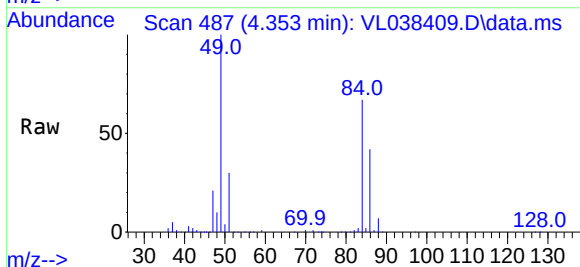
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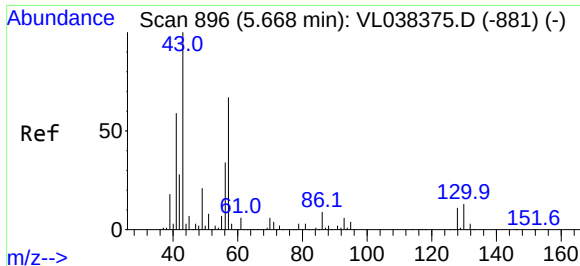


#20  
Methylene Chloride  
Concen: 20.457 ppbv  
RT: 4.353 min Scan# 487  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Tgt Ion: 84 Resp: 766677  
Ion Ratio Lower Upper  
84 100  
49 150.2 122.4 183.6  
51 45.4 33.3 49.9  
86 63.8 50.7 76.1

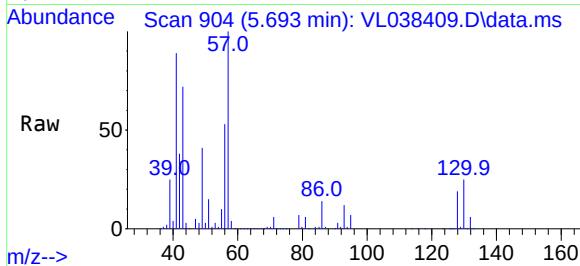






#26  
Hexane  
Concen: 7.883 ppbv  
RT: 5.693 min Scan# 904  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

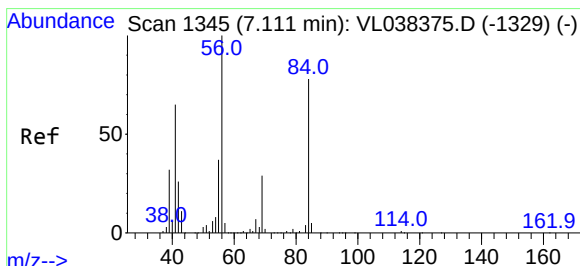
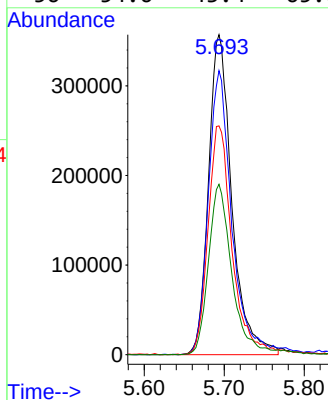
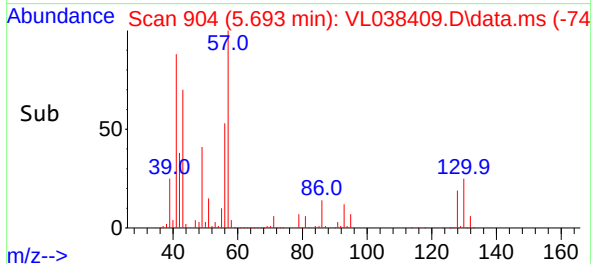
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion: 57 Resp: 72540  
Ion Ratio Lower Upper  
57 100  
41 90.6 73.1 109.7  
43 74.8 181.0 271.4  
56 54.6 43.4 65.0

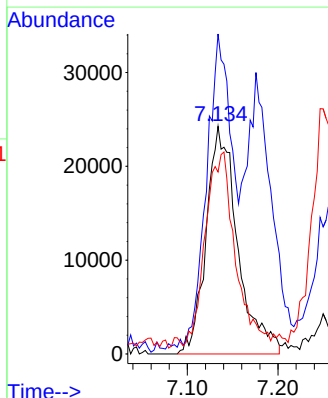
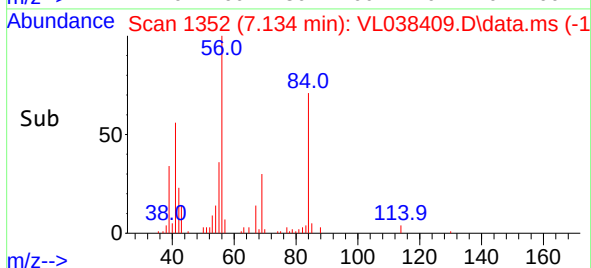
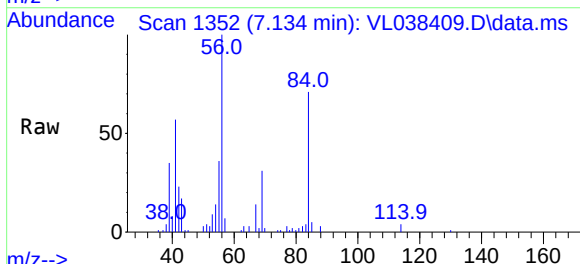
Manual Integrations  
APPROVED

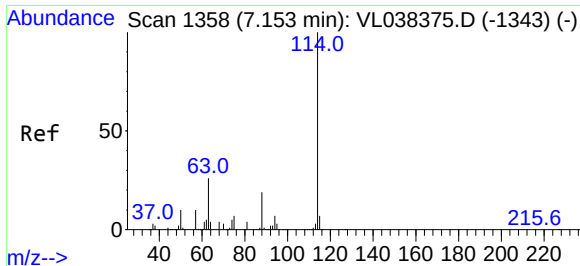
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#30  
Cyclohexane  
Concen: 0.777 ppbv m  
RT: 7.134 min Scan# 1352  
Delta R.T. 0.023 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

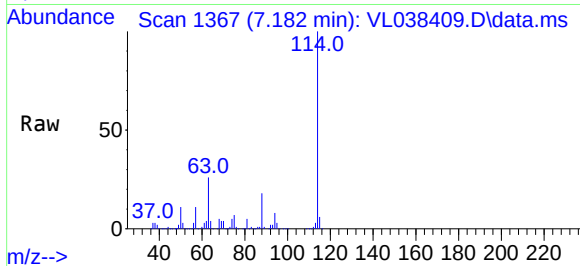
Tgt Ion: 84 Resp: 58454  
Ion Ratio Lower Upper  
84 100  
56 124.7 116.2 174.4  
41 86.8 74.3 111.5





#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.182 min Scan# 114  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

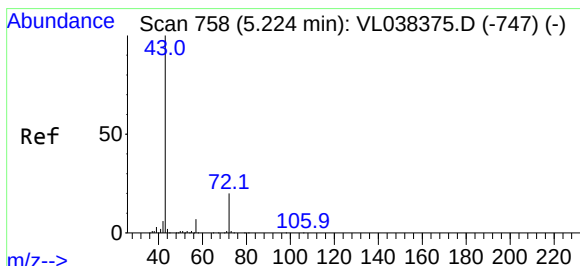
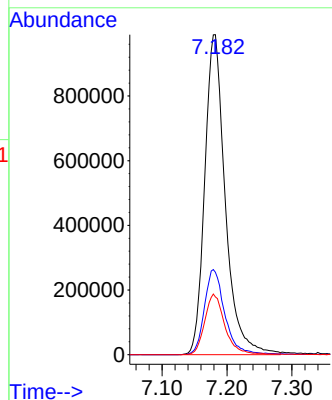
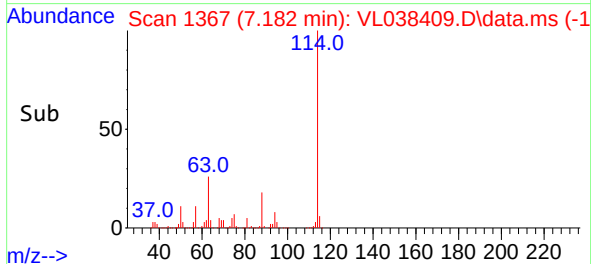
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion:114 Resp: 2179570  
Ion Ratio Lower Upper  
114 100  
63 26.7 22.2 33.2  
88 18.8 15.2 22.8

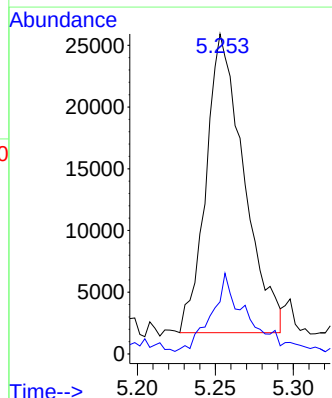
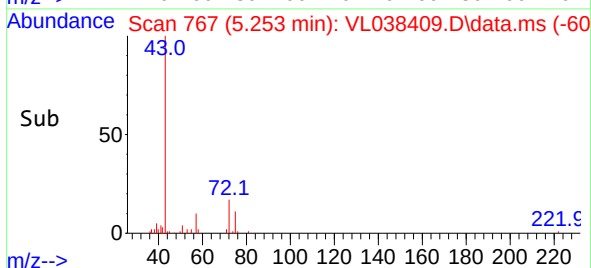
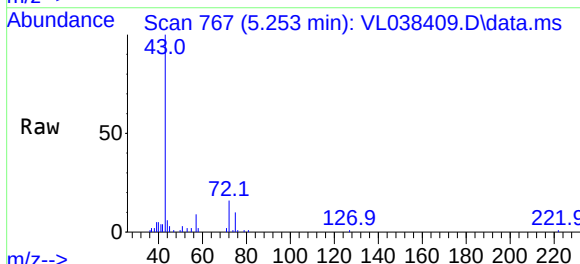
Manual Integrations  
APPROVED

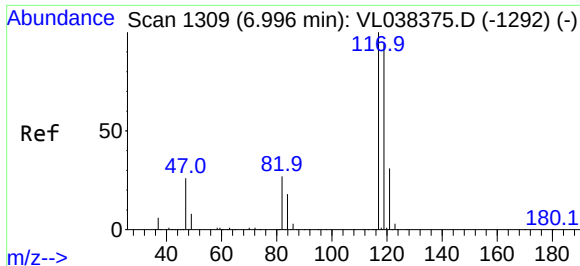
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#34  
2-Butanone  
Concen: 0.596 ppbv  
RT: 5.253 min Scan# 767  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

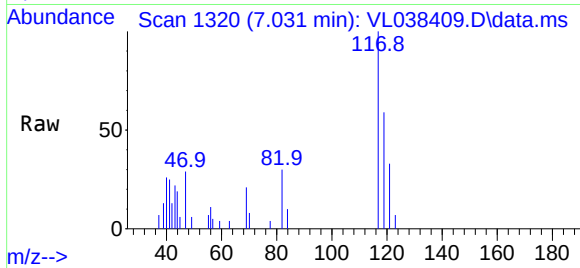
Tgt Ion: 43 Resp: 40827  
Ion Ratio Lower Upper  
43 100  
72 29.0 17.4 26.2#





#35  
Carbon Tetrachloride  
Concen: 0.059 ppbv m  
RT: 7.031 min Scan# 117  
Delta R.T. 0.035 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

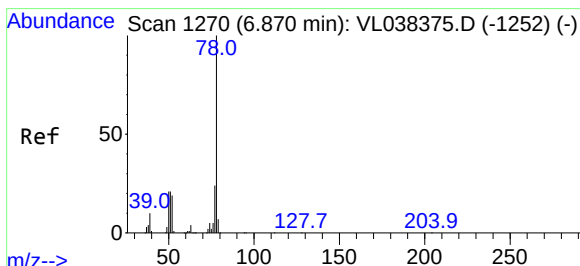
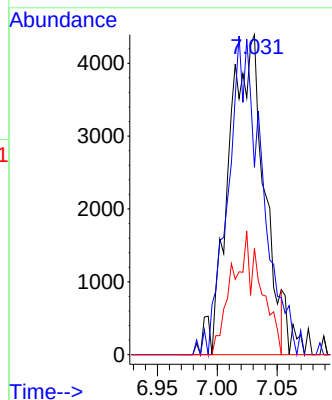
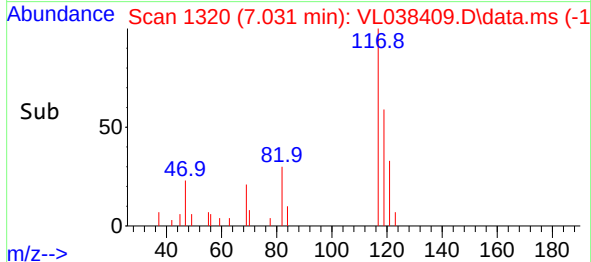
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



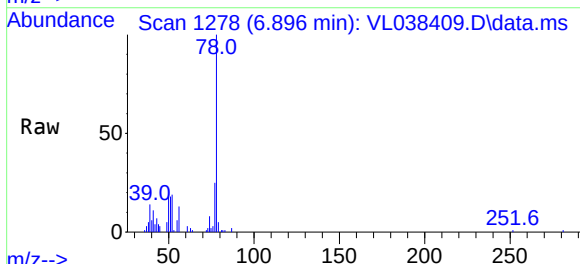
Tgt Ion:117 Resp: 8972  
Ion Ratio Lower Upper  
117 100  
119 58.5 74.9 112.3  
121 33.3 24.8 37.2

Manual Integrations  
APPROVED

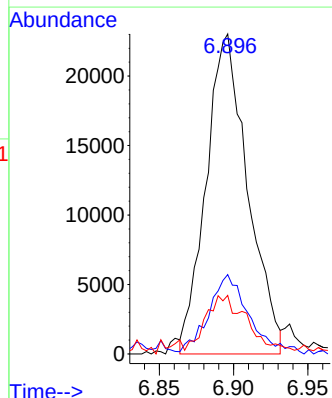
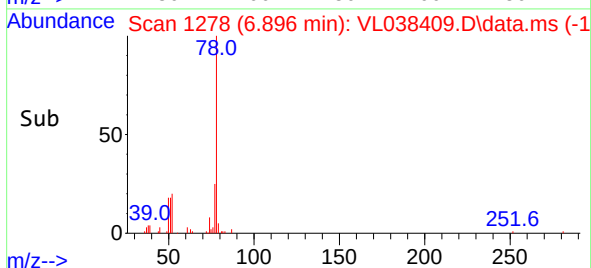
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

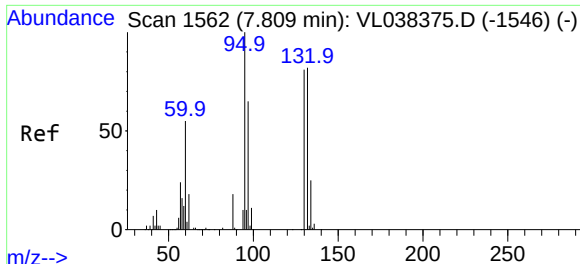


#36  
Benzene  
Concen: 0.235 ppbv  
RT: 6.896 min Scan# 1278  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



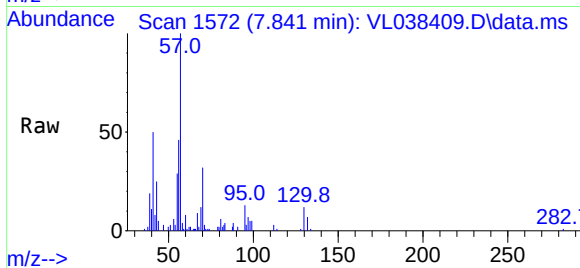
Tgt Ion: 78 Resp: 45045  
Ion Ratio Lower Upper  
78 100  
77 25.2 19.0 28.6  
50 16.4 16.6 24.8#





#38  
Trichloroethene  
Concen: 0.037 ppbv m  
RT: 7.841 min Scan# 1  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

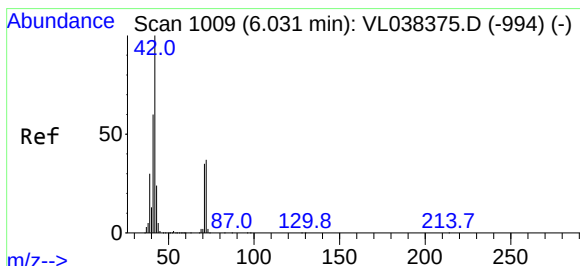
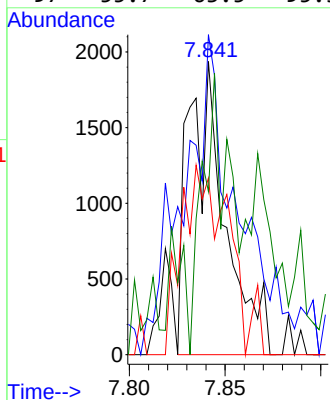
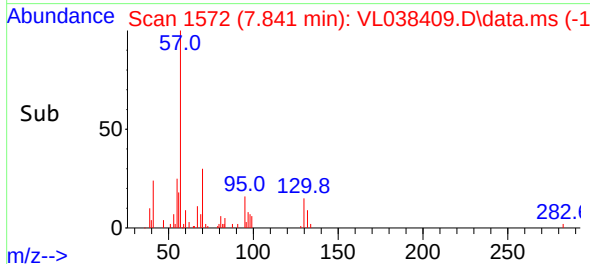
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion:130 Resp: 2570  
Ion Ratio Lower Upper  
130 100  
95 109.1 98.1 147.1  
132 60.2 80.3 120.5  
97 55.7 63.5 95.3#

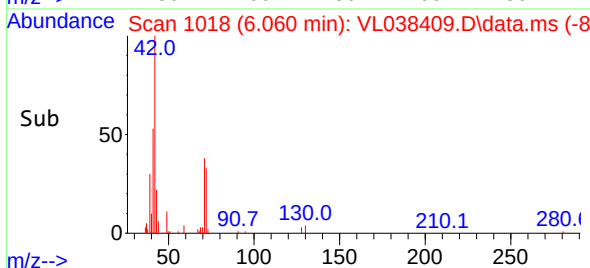
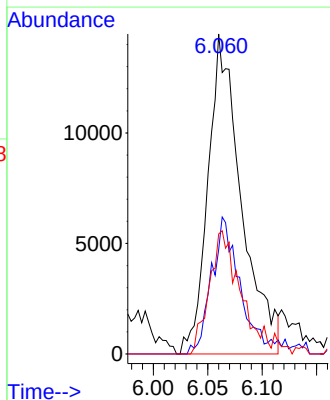
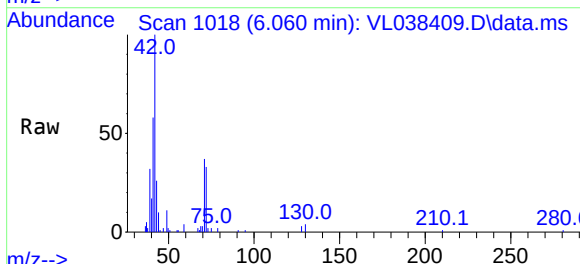
Manual Integrations  
APPROVED

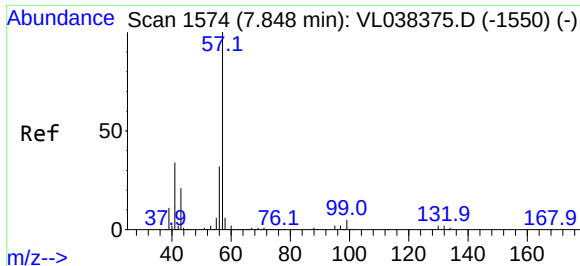
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#41  
Tetrahydrofuran  
Concen: 0.665 ppbv m  
RT: 6.060 min Scan# 1018  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

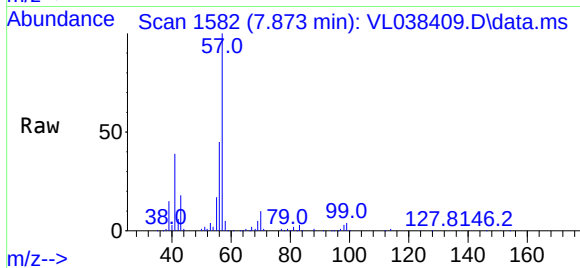
Tgt Ion: 42 Resp: 30822  
Ion Ratio Lower Upper  
42 100  
72 0.0 29.9 44.9#  
71 0.0 28.6 42.8#





#44  
2,2,4-Trimethylpentane  
Concen: 0.948 ppbv  
RT: 7.873 min Scan# 1574  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

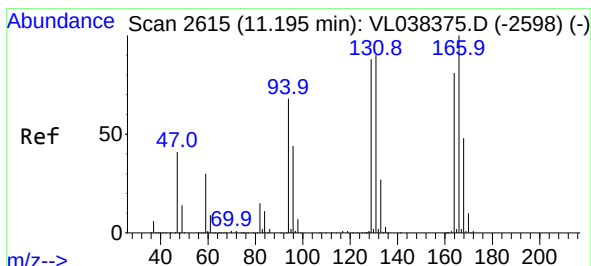
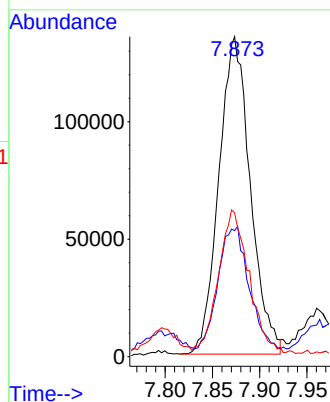
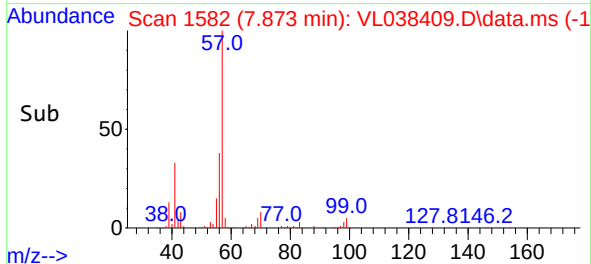
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



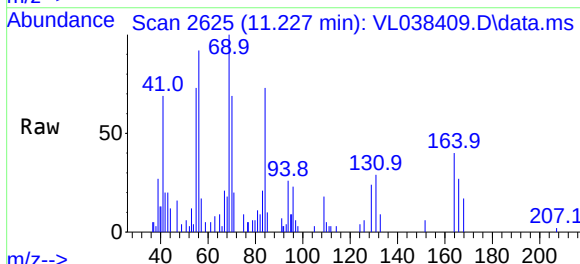
Tgt Ion: 57 Resp: 312618  
Ion Ratio Lower Upper  
57 100  
41 43.3 26.6 39.8  
56 47.2 25.0 37.6

Manual Integrations  
APPROVED

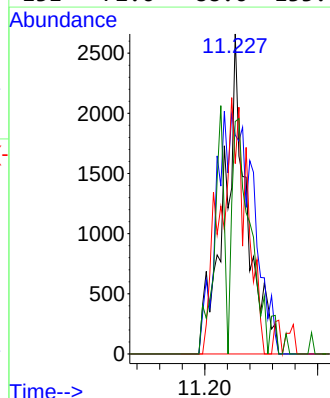
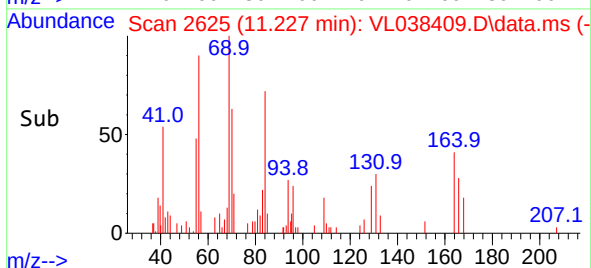
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

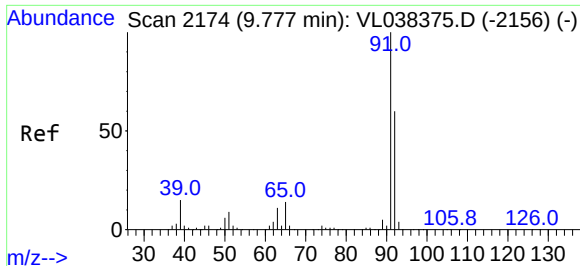


#52  
Tetrachloroethene  
Concen: 0.058 ppbv m  
RT: 11.227 min Scan# 2625  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



Tgt Ion:164 Resp: 3694  
Ion Ratio Lower Upper  
164 100  
166 68.4 98.6 148.0#  
129 59.5 86.9 130.3#  
131 72.6 88.6 133.0#





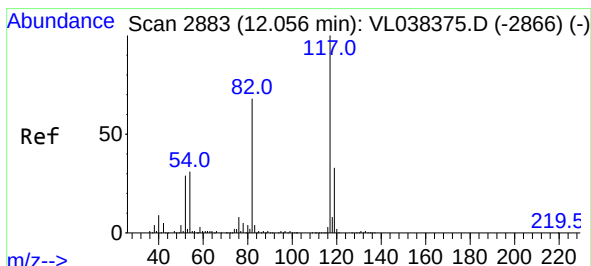
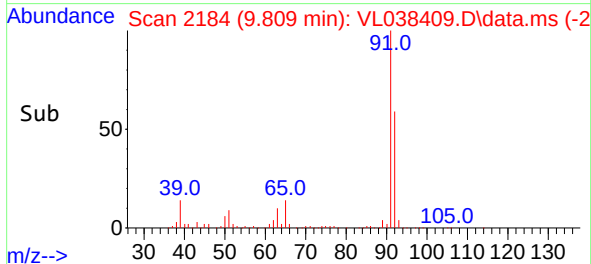
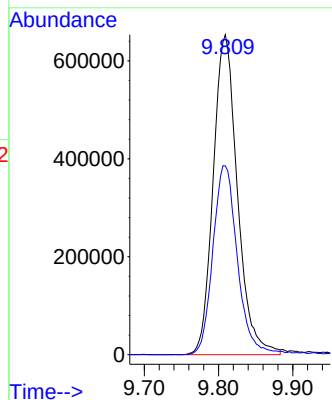
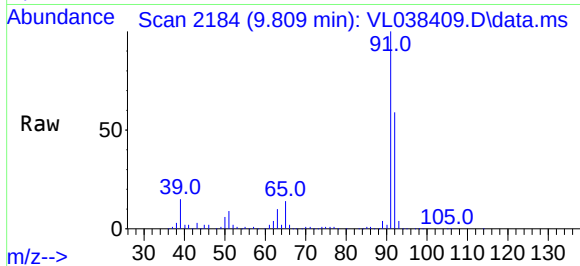
#53  
Toluene  
Concen: 7.110 ppbv  
RT: 9.809 min Scan# 2174  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1

Tgt Ion: 91 Resp: 1481240  
Ion Ratio Lower Upper  
91 100  
92 60.7 48.2 72.4

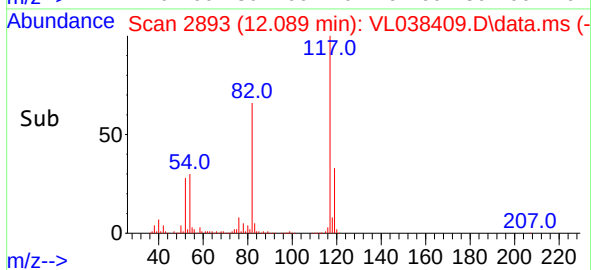
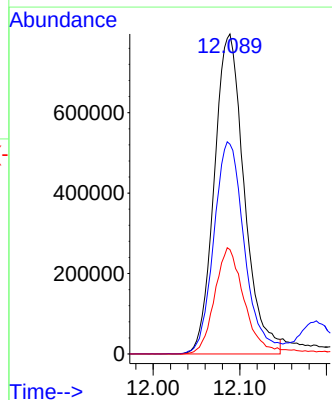
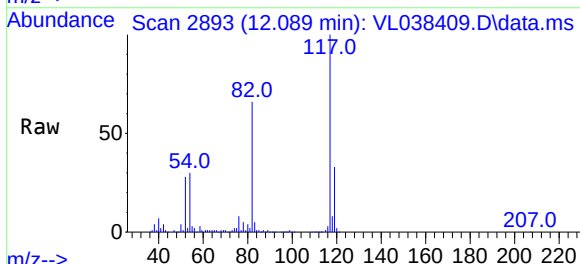
Manual Integrations  
APPROVED

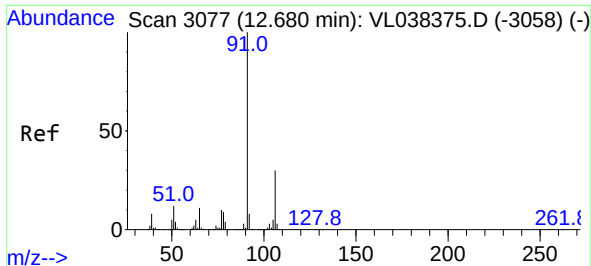
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 12.089 min Scan# 2893  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

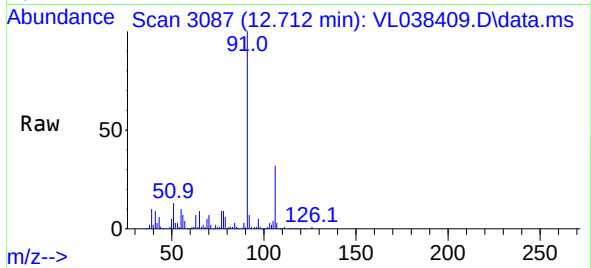
Tgt Ion:117 Resp: 1914980  
Ion Ratio Lower Upper  
117 100  
82 68.0 54.9 82.3  
119 35.0 46.1 69.1#





#58  
Ethyl Benzene  
Concen: 0.890 ppbv  
RT: 12.712 min Scan# 3077  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

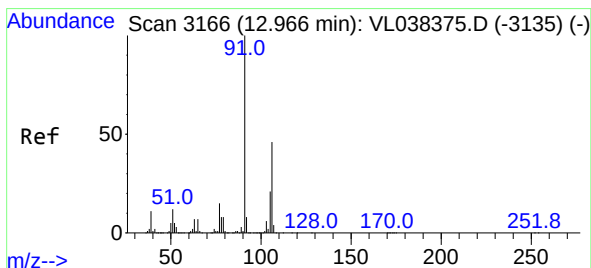
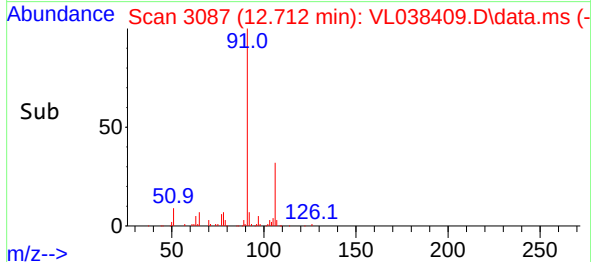
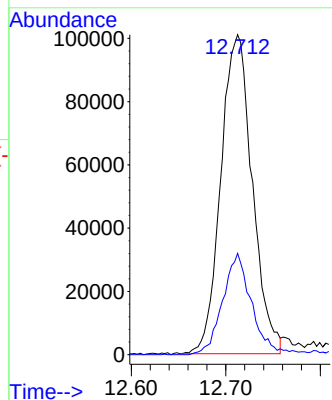
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



Tgt Ion: 91 Resp: 23295  
Ion Ratio Lower Upper  
91 100  
106 31.8 24.0 36.0

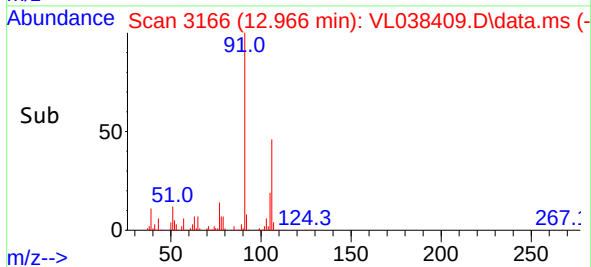
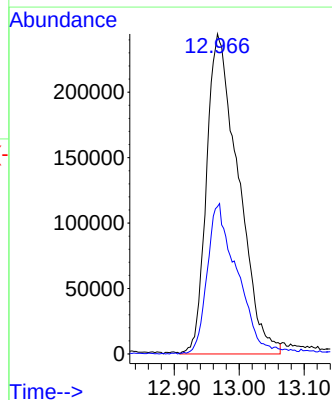
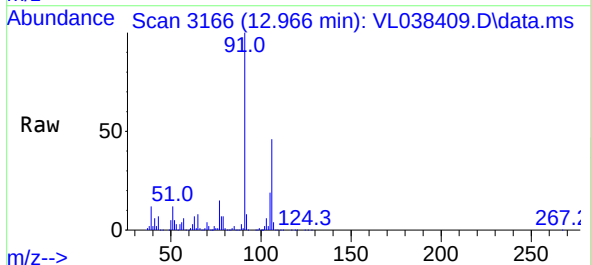
Manual Integrations  
APPROVED

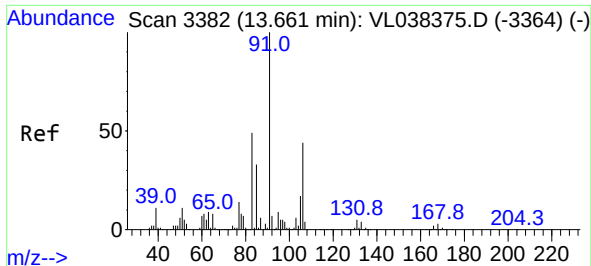
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#59  
m/p-Xylene  
Concen: 3.694 ppbv  
RT: 12.966 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

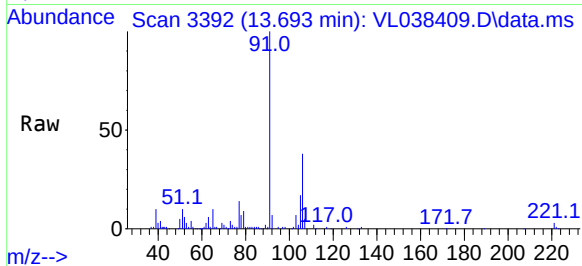
Tgt Ion: 91 Resp: 830805  
Ion Ratio Lower Upper  
91 100  
106 45.7 34.4 51.6





#60  
o-Xylene  
Concen: 0.903 ppbv m  
RT: 13.693 min Scan# 31  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

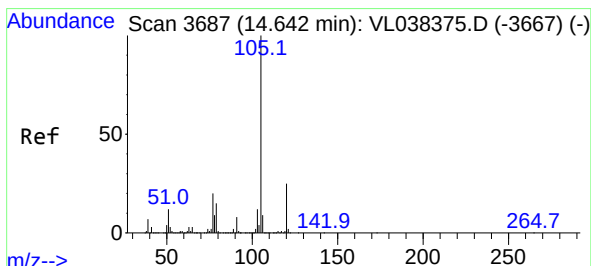
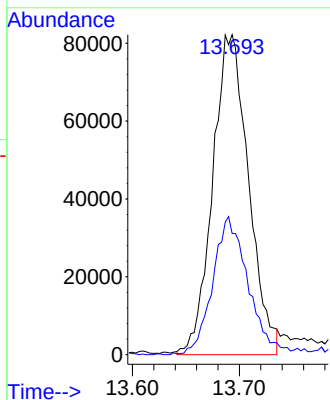
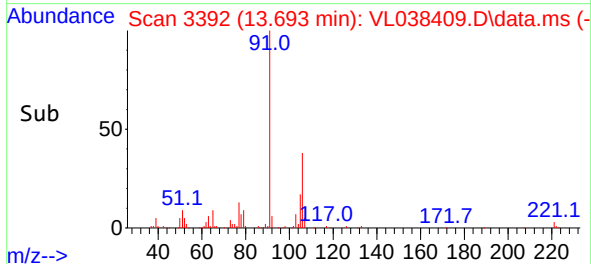
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



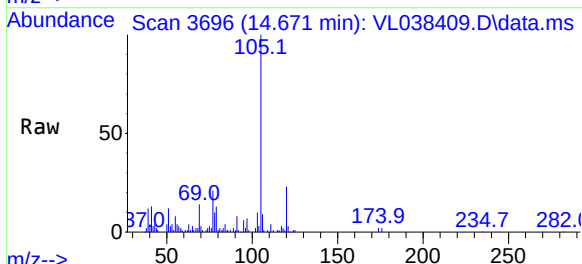
Tgt Ion: 91 Resp: 191880  
Ion Ratio Lower Upper  
91 100  
106 43.0 21.9 65.5

Manual Integrations  
APPROVED

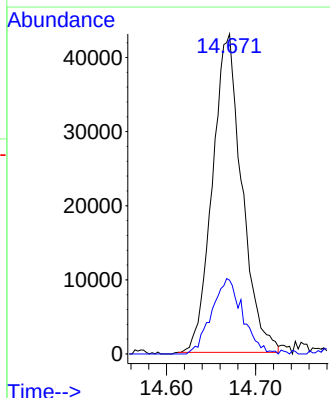
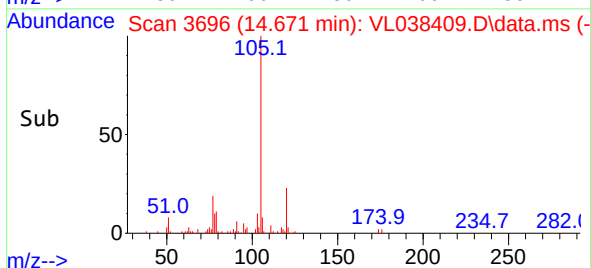
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



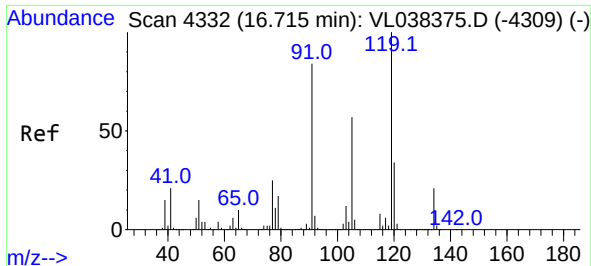
#62  
Isopropylbenzene  
Concen: 0.347 ppbv  
RT: 14.671 min Scan# 3696  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



Tgt Ion:105 Resp: 98978  
Ion Ratio Lower Upper  
105 100  
120 25.2 20.6 30.8







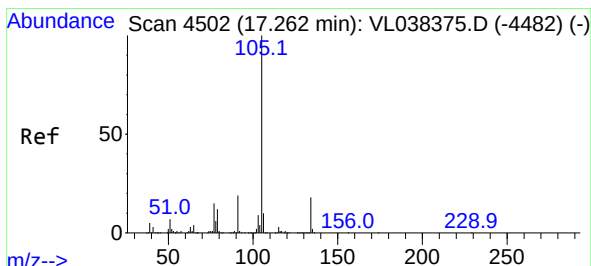
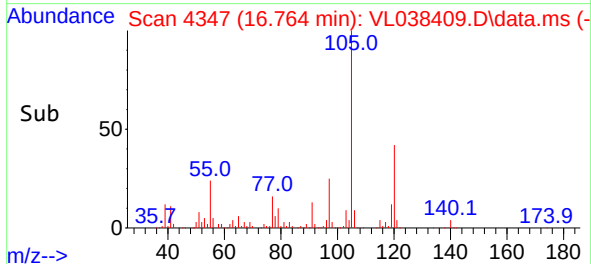
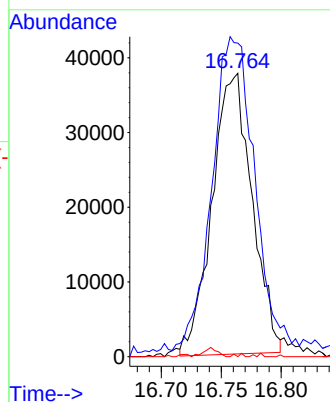
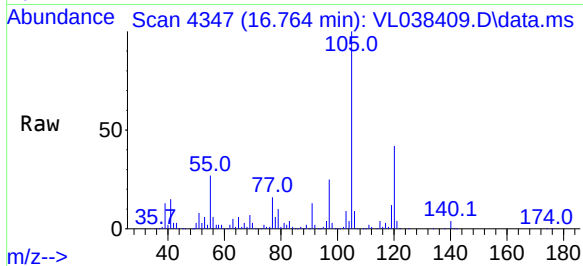
#65  
tert-Butylbenzene  
Concen: 0.352 ppbv  
RT: 16.764 min Scan# 4119  
Delta R.T. 0.048 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1

Tgt Ion:119 Resp: 87093  
Ion Ratio Lower Upper  
119 100  
91 133.2 68.0 102.0  
134 1.6 15.8 23.8

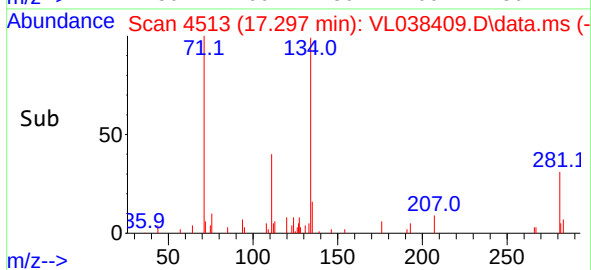
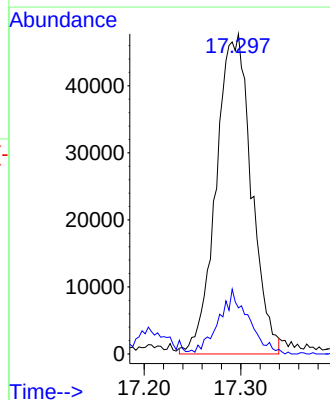
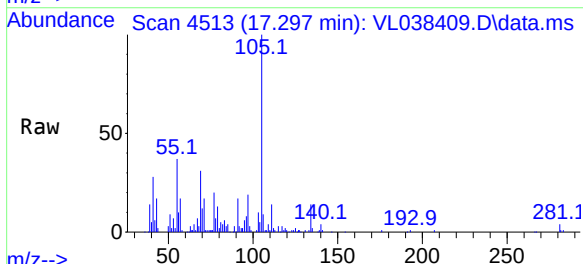
Manual Integrations  
APPROVED

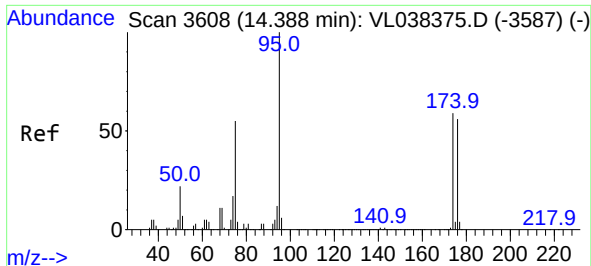
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#67  
sec-Butylbenzene  
Concen: 0.345 ppbv m  
RT: 17.297 min Scan# 4513  
Delta R.T. 0.035 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Tgt Ion:105 Resp: 120936  
Ion Ratio Lower Upper  
105 100  
134 0.0 14.6 21.8





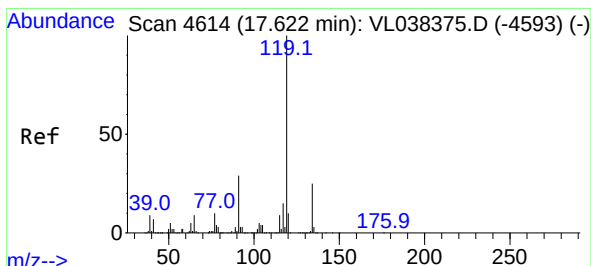
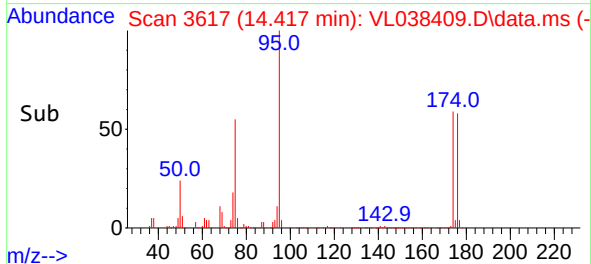
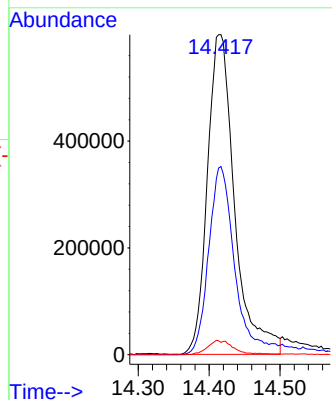
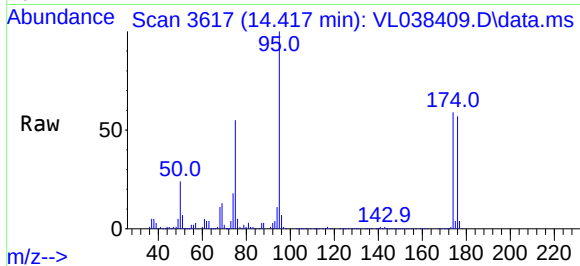
#68  
1-Bromo-4-Fluorobenzene  
Concen: 10.099 ppbv  
RT: 14.417 min Scan# 3617  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1

Tgt Ion: 95 Resp: 160018  
Ion Ratio Lower Upper  
95 100  
174 60.5 49.0 73.4  
175 4.4 3.6 5.4

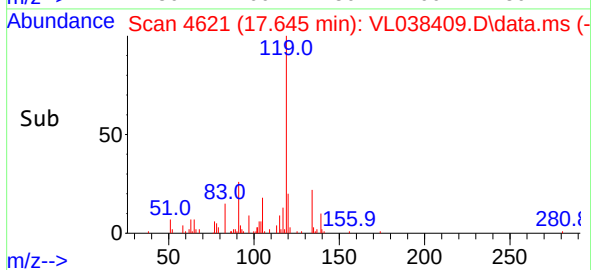
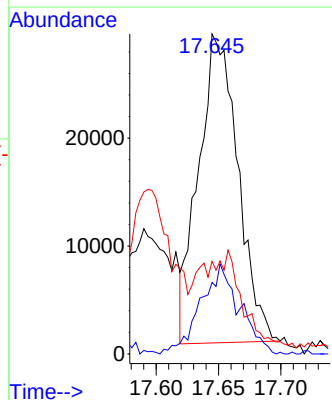
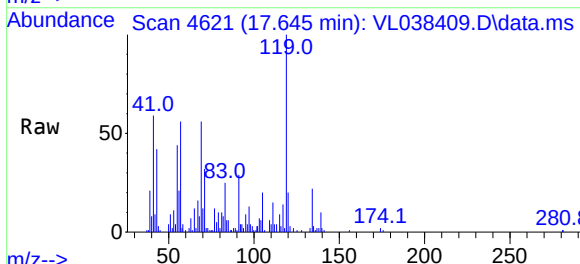
Manual Integrations  
APPROVED

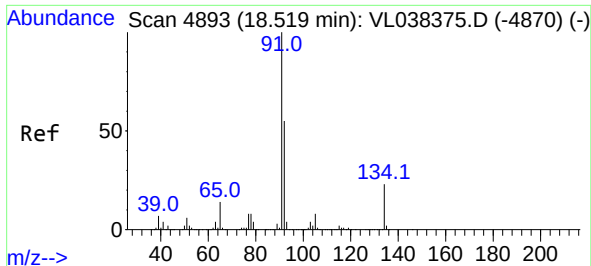
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#69  
p-Isopropyltoluene  
Concen: 0.229 ppbv  
RT: 17.645 min Scan# 4621  
Delta R.T. 0.023 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

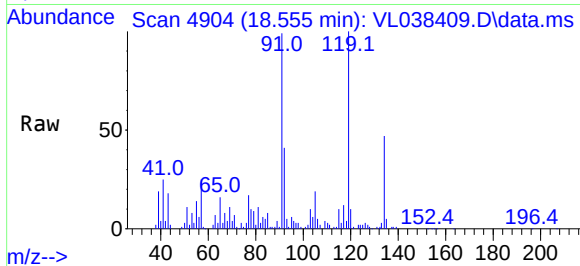
Tgt Ion:119 Resp: 63106  
Ion Ratio Lower Upper  
119 100  
134 28.9 20.4 30.6  
91 26.0 23.8 35.8





#70  
n-Butylbenzene  
Concen: 0.618 ppbv m  
RT: 18.555 min Scan# 4904  
Delta R.T. 0.035 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

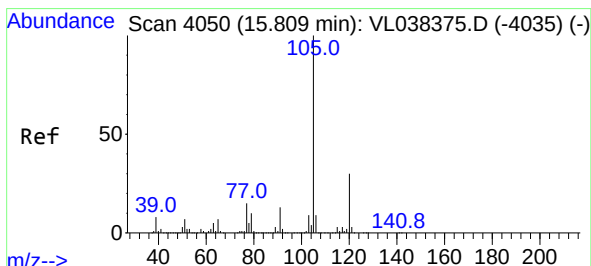
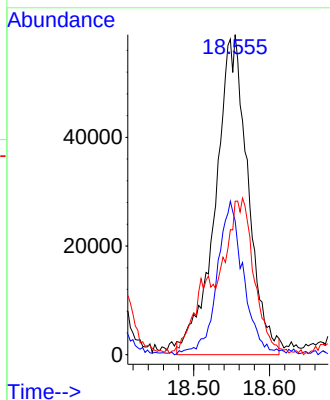
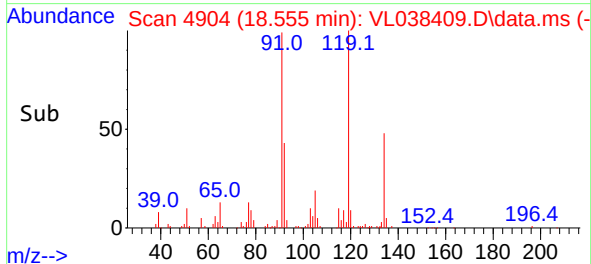
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



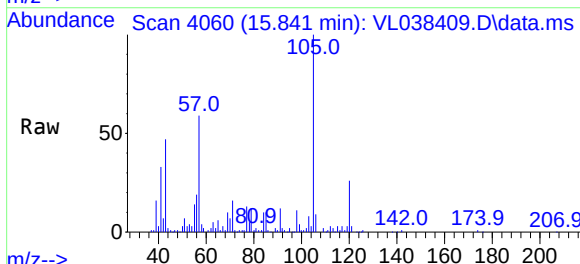
Tgt Ion: 91 Resp: 176010  
Ion Ratio Lower Upper  
91 100  
92 0.0 43.1 64.7  
134 59.8 17.4 26.0

Manual Integrations  
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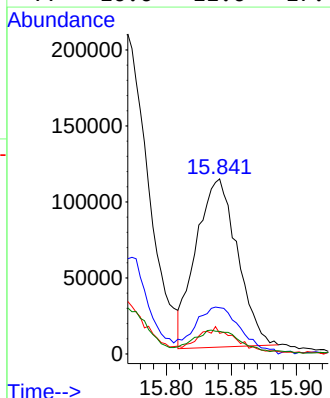
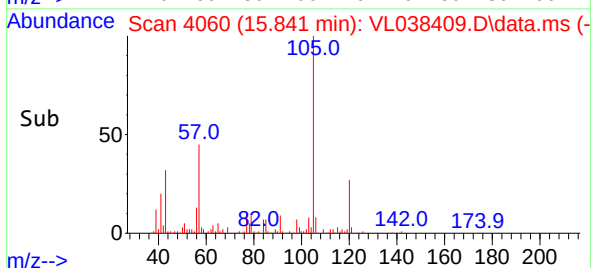
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022

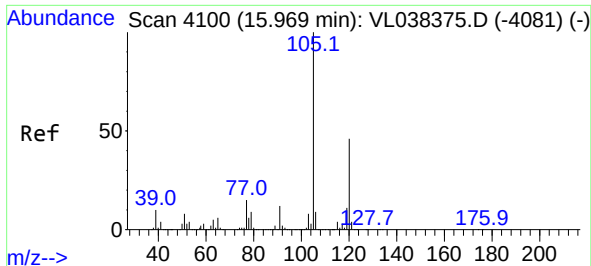


#72  
4-Ethyltoluene  
Concen: 1.049 ppbv  
RT: 15.841 min Scan# 4060  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



Tgt Ion:105 Resp: 245626  
Ion Ratio Lower Upper  
105 100  
120 30.1 23.4 35.2  
91 13.4 10.4 15.6  
77 16.6 11.6 17.4





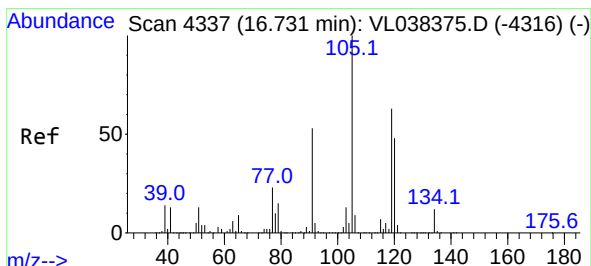
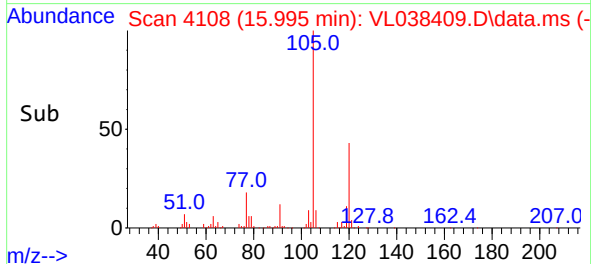
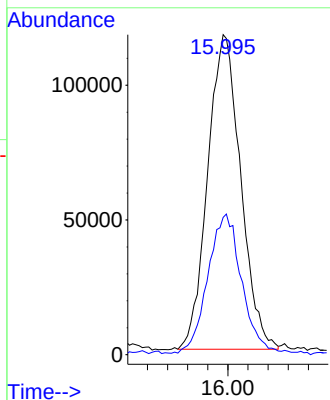
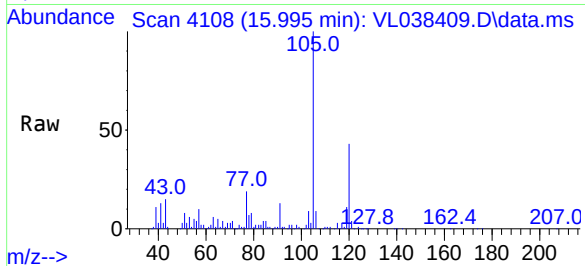
#73  
1,3,5-Trimethylbenzene  
Concen: 1.249 ppbv  
RT: 15.995 min Scan# 4108  
Delta R.T. 0.026 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1

Tgt Ion:105 Resp: 26562  
Ion Ratio Lower Upper  
105 100  
120 43.1 36.6 55.0

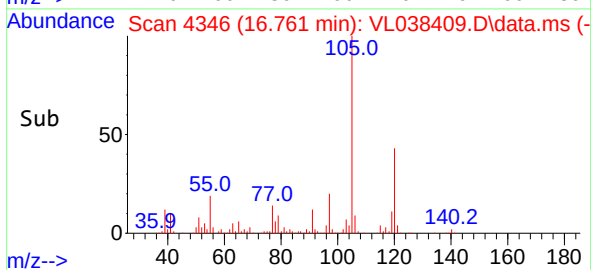
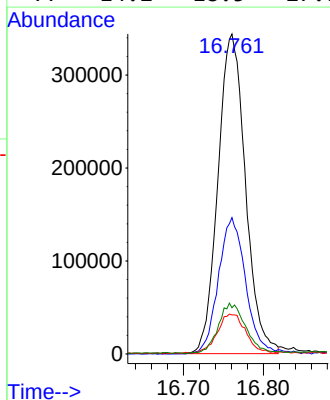
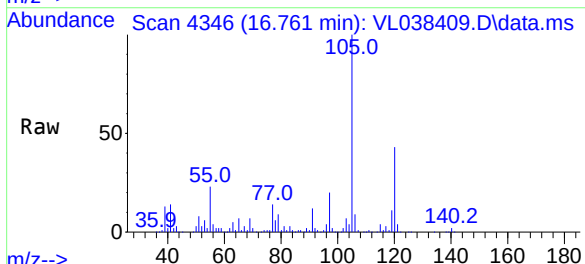
Manual Integrations  
APPROVED

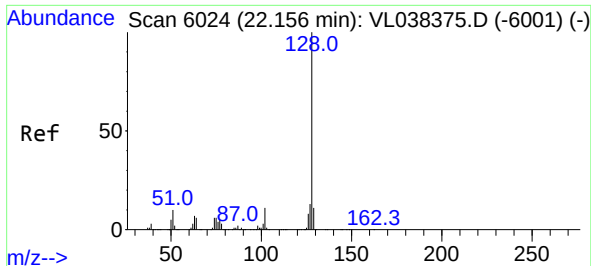
Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#74  
1,2,4-Trimethylbenzene  
Concen: 3.651 ppbv  
RT: 16.761 min Scan# 4346  
Delta R.T. 0.029 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

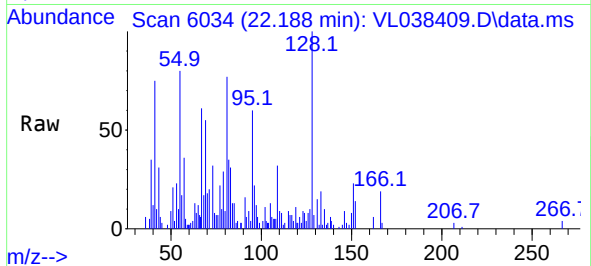
Tgt Ion:105 Resp: 820027  
Ion Ratio Lower Upper  
105 100  
120 42.6 38.2 57.4  
91 12.0 42.7 64.1#  
77 14.2 18.5 27.7#





#79  
Naphthalene  
Concen: 0.258 ppbv m  
RT: 22.188 min Scan# 6024  
Delta R.T. 0.032 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34

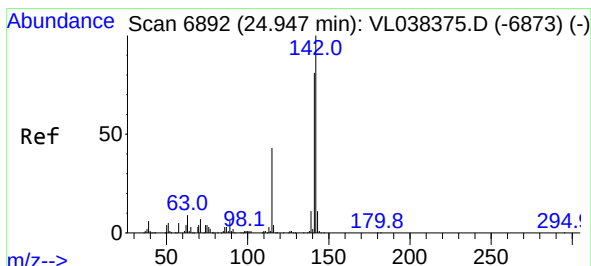
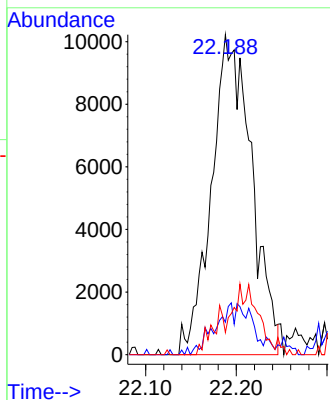
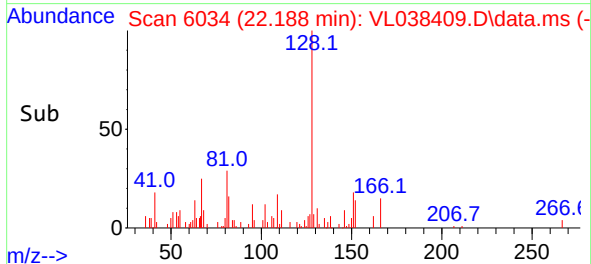
Instrument :  
MSVOA\_L  
ClientSampleId :  
DUP-1



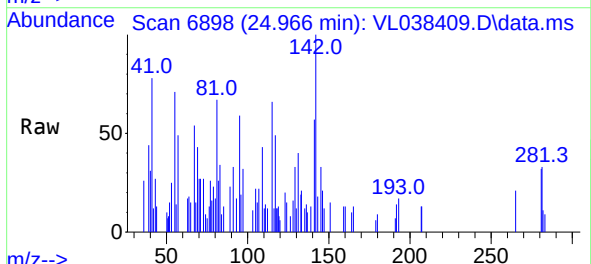
Tgt Ion:128 Resp: 3136  
Ion Ratio Lower Upper  
128 100  
127 10.1 10.7 16.1  
129 6.9 8.8 13.2

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 02/24/2022  
Supervised By :Mahesh Dadoda 02/25/2022



#80  
Naphthalene,2-methyl-  
Concen: 0.310 ppbv m  
RT: 24.966 min Scan# 6898  
Delta R.T. 0.019 min  
Lab File: VL038409.D  
Acq: 23 Feb 2022 15:34



Tgt Ion:142 Resp: 7373  
Ion Ratio Lower Upper  
142 100  
141 0.0 69.8 104.6#  
115 0.0 33.0 49.6#

