

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL032222\  
 Data File : VL038684.D  
 Acq On : 22 Mar 2022 14:39  
 Operator : SY/AP  
 Sample : VL0322ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022  
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:13:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 23 2022

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

Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.655  | 49   | 853411   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 7.163  | 114  | 2261576  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 12.069 | 117  | 2142255m | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 1693110 10.309 ppbv 0.00  
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

|                               |       |     |         |        |        | Qvalue |
|-------------------------------|-------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 3.047 | 85  | 1204170 | 10.496 | ppbv   | 99     |
| 3) Chlorodifluoromethane      | 2.986 | 51  | 880237  | 9.766  | ppbv   | 99     |
| 4) Chloromethane              | 3.137 | 50  | 474053  | 9.579  | ppbv   | 97     |
| 5) Vinyl Chloride             | 3.253 | 62  | 483965  | 9.625  | ppbv   | 99     |
| 6) Bromomethane               | 3.468 | 94  | 272633  | 10.171 | ppbv   | 97     |
| 7) Chloroethane               | 3.552 | 64  | 163867  | 9.844  | ppbv   | 98     |
| 8) Dichlorotetrafluoroethane  | 3.185 | 85  | 1149830 | 10.038 | ppbv   | 100    |
| 9) Propene                    | 3.005 | 41  | 420233  | 9.657  | ppbv   | 100    |
| 10) Heptane                   | 8.108 | 43  | 1108173 | 10.653 | ppbv   | 100    |
| 11) Trichlorofluoromethane    | 3.944 | 101 | 1029544 | 10.168 | ppbv   | 99     |
| 12) 1,1,2-Trichlorotrifluo... | 4.478 | 101 | 773167  | 9.920  | ppbv   | 99     |
| 13) Ethanol                   | 3.600 | 45  | 33784m  | 7.038  | ppbv   |        |
| 14) Bromoethene               | 3.735 | 108 | 356493  | 10.291 | ppbv   | 97     |
| 15) Acetone                   | 3.841 | 43  | 710565  | 9.649  | ppbv   | 99     |
| 16) 1,3-Butadiene             | 3.324 | 39  | 425370  | 10.179 | ppbv   | 99     |
| 17) tert-Butyl alcohol        | 4.275 | 59  | 640999  | 9.967  | ppbv   | 99     |
| 18) 1,1-Dichloroethene        | 4.282 | 96  | 349645  | 9.985  | ppbv   | 97     |
| 19) Isopropyl Alcohol         | 3.954 | 45  | 390872  | 9.574  | ppbv # | 98     |
| 20) Methylene Chloride        | 4.336 | 84  | 282914  | 9.121  | ppbv   | 98     |
| 21) Allyl Chloride            | 4.404 | 41  | 528007  | 9.963  | ppbv   | 98     |
| 22) trans-1,2-Dichloroethene  | 4.877 | 96  | 368895  | 10.157 | ppbv   | 99     |
| 23) Vinyl Acetate             | 5.063 | 43  | 756828  | 10.614 | ppbv   | 99     |
| 24) 1,1-Dichloroethane        | 5.002 | 63  | 686561  | 9.776  | ppbv   | 100    |
| 25) Ethyl Acetate             | 5.664 | 43  | 1911452 | 10.311 | ppbv   | 100    |
| 26) Hexane                    | 5.677 | 57  | 828569  | 9.984  | ppbv   | 99     |
| 27) Carbon Disulfide          | 4.542 | 76  | 897334  | 11.022 | ppbv   | 100    |
| 28) Methyl tert-Butyl Ether   | 5.021 | 73  | 626806  | 10.139 | ppbv   | 99     |
| 29) Chloroform                | 5.742 | 83  | 1339631 | 10.081 | ppbv   | 99     |
| 30) Cyclohexane               | 7.118 | 84  | 725051  | 10.048 | ppbv   | 100    |
| 31) cis-1,2-Dichloroethene    | 5.536 | 61  | 819998  | 10.508 | ppbv   | 96     |
| 32) 1,1,1-Trichloroethane     | 6.500 | 97  | 1290173 | 10.061 | ppbv   | 100    |
| 34) 2-Butanone                | 5.234 | 43  | 986957  | 11.026 | ppbv   | 99     |
| 35) Carbon Tetrachloride      | 7.005 | 117 | 1357540 | 10.345 | ppbv   | 100    |
| 36) Benzene                   | 6.880 | 78  | 1776077 | 10.175 | ppbv   | 99     |
| 37) 1,2-Dichloroethane        | 6.295 | 62  | 913210  | 10.285 | ppbv   | 100    |
| 38) Trichloroethene           | 7.822 | 130 | 758656  | 10.376 | ppbv   | 99     |
| 39) 1,2-Dichloropropane       | 7.600 | 63  | 678973  | 9.950  | ppbv   | 96     |
| 40) 1,4-Dioxane               | 7.815 | 88  | 220412  | 9.302  | ppbv   | 73     |
| 41) Tetrahydrofuran           | 6.037 | 42  | 681445  | 10.229 | ppbv   | 99     |
| 42) Bromodichloromethane      | 7.777 | 83  | 1405747 | 10.560 | ppbv   | 100    |
| 43) Methyl Methacrylate       | 8.002 | 69  | 715968  | 11.048 | ppbv   | 100    |
| 44) 2,2,4-Trimethylpentane    | 7.854 | 57  | 2937070 | 10.022 | ppbv   | 100    |
| 45) t-1,3-Dichloropropene     | 9.266 | 75  | 803867  | 12.200 | ppbv   | 98     |

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 Sample : VL0322ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/23/2022  
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:13:48 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar 23 2022

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

Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 46) cis-1,3-Dichloropropene   | 8.687  | 75   | 1013676  | 11.378 | ppbv   | 99       |
| 47) 1,1,2-Trichloroethane     | 9.458  | 97   | 729539   | 10.014 | ppbv   | 98       |
| 48) Dibromochloromethane      | 10.288 | 129  | 1256630  | 11.012 | ppbv   | 99       |
| 49) Bromoform                 | 13.024 | 173  | 1015360  | 10.917 | ppbv   | 99       |
| 50) 4-Methyl-2-Pentanone      | 8.725  | 43   | 1770303  | 10.638 | ppbv   | 100      |
| 51) 2-Hexanone                | 10.118 | 43   | 1377675  | 11.525 | ppbv # | 99       |
| 52) Tetrachloroethene         | 11.211 | 164  | 637101   | 9.974  | ppbv   | 99       |
| 53) Toluene                   | 9.790  | 91   | 2033824  | 10.844 | ppbv   | 99       |
| 54) 1,2-Dibromoethane         | 10.593 | 107  | 1071941  | 10.776 | ppbv   | 98       |
| 56) 1,1,1,2-Tetrachloroethane | 12.111 | 131  | 875132   | 9.853  | ppbv   | 99       |
| 57) Chlorobenzene             | 12.130 | 112  | 1497034  | 9.689  | ppbv   | 98       |
| 58) Ethyl Benzene             | 12.696 | 91   | 2616586  | 10.448 | ppbv   | 99       |
| 59) m/p-Xylene                | 12.976 | 91   | 4426706m | 20.207 | ppbv   |          |
| 60) o-Xylene                  | 13.674 | 91   | 2111443  | 10.151 | ppbv   | 100      |
| 61) Styrene                   | 13.510 | 104  | 1286202  | 11.403 | ppbv   | 100      |
| 62) Isopropylbenzene          | 14.651 | 105  | 3081490  | 9.854  | ppbv   | 99       |
| 63) 1,1,2,2-Tetrachloroethane | 13.658 | 83   | 1388462  | 8.617  | ppbv   | 99       |
| 64) n-propylbenzene           | 15.545 | 120  | 825262   | 10.057 | ppbv   | 99       |
| 65) tert-Butylbenzene         | 16.725 | 119  | 2708658  | 9.640  | ppbv   | 99       |
| 66) Benzyl Chloride           | 16.969 | 91   | 634084   | 11.918 | ppbv   | 99       |
| 67) sec-Butylbenzene          | 17.275 | 105  | 3887066  | 9.673  | ppbv   | 100      |
| 69) p-Isopropyltoluene        | 17.635 | 119  | 3232668  | 9.857  | ppbv   | 100      |
| 70) n-Butylbenzene            | 18.532 | 91   | 3409601  | 10.080 | ppbv   | 100      |
| 71) 2-Chlorotoluene           | 15.436 | 91   | 2299249  | 9.906  | ppbv   | 100      |
| 72) 4-Ethyltoluene            | 15.822 | 105  | 2520741  | 10.266 | ppbv   | 100      |
| 73) 1,3,5-Trimethylbenzene    | 15.979 | 105  | 2261837  | 10.109 | ppbv   | 98       |
| 74) 1,2,4-Trimethylbenzene    | 16.744 | 105  | 2387385  | 9.796  | ppbv   | 94       |
| 75) 1,3-Dichlorobenzene       | 16.979 | 146  | 1465087  | 9.438  | ppbv   | 100      |
| 76) 1,4-Dichlorobenzene       | 17.117 | 146  | 1425738  | 9.235  | ppbv   | 97       |
| 77) 1,2-Dichlorobenzene       | 17.799 | 146  | 1449637  | 9.427  | ppbv   | 99       |
| 78) Hexachloro-1,3-Butadiene  | 23.355 | 225  | 1276046  | 8.978  | ppbv   | 100      |
| 79) Naphthalene               | 22.172 | 128  | 2372063  | 12.739 | ppbv   | 99       |
| 80) Naphthalene,2-methyl-     | 24.956 | 142  | 444564   | 8.904  | ppbv   | 95       |
| 81) 1,2,4-Trichlorobenzene    | 21.905 | 180  | 1357086  | 10.647 | ppbv   | 99       |

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

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 Data File : VL038684.D  
 Acq On : 22 Mar 2022 14:39  
 Operator : SY/AP  
 Sample : VL0322ABS01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01

### Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022

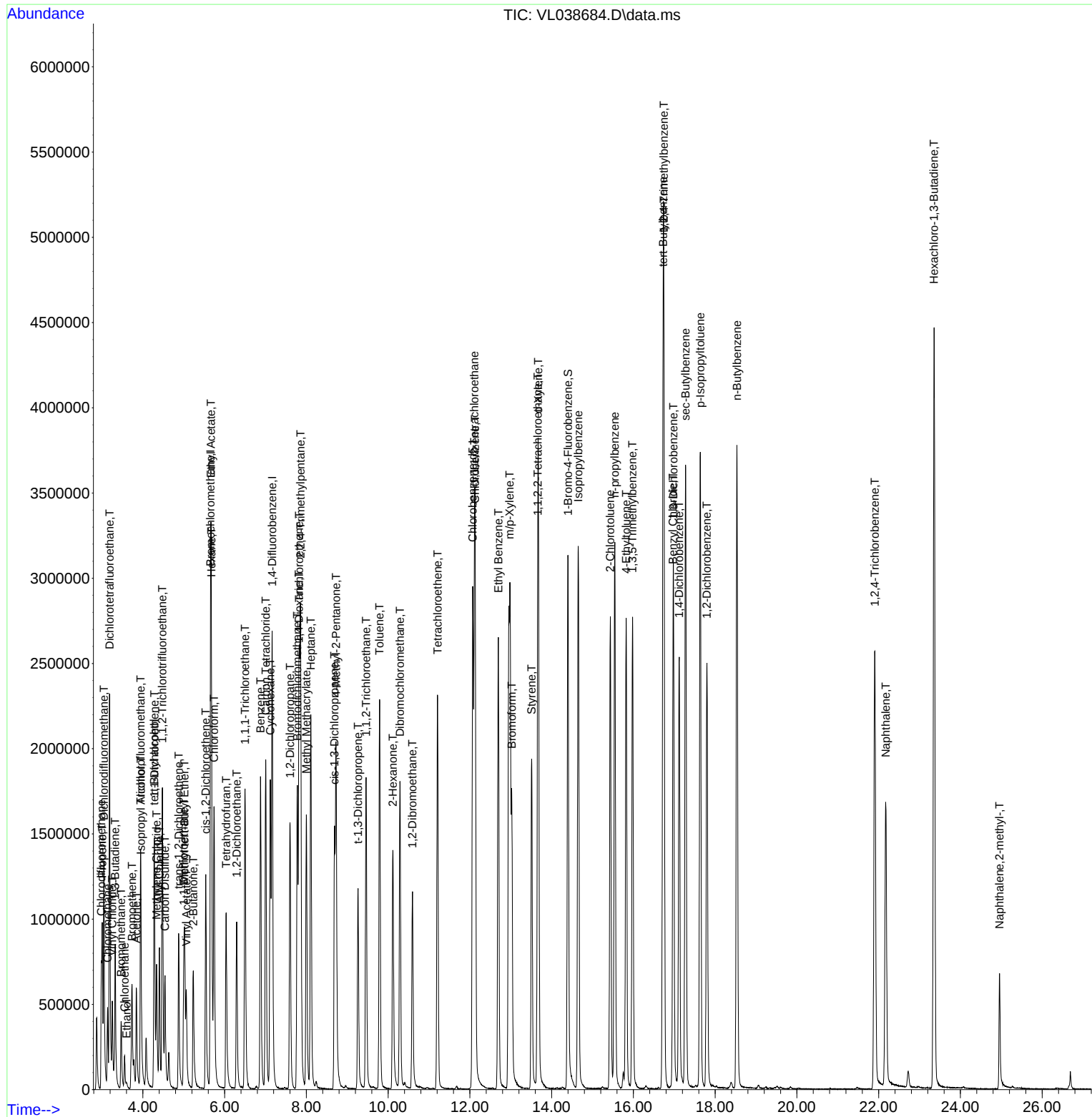
Quant Time: Mar 23 04:13:48 2022

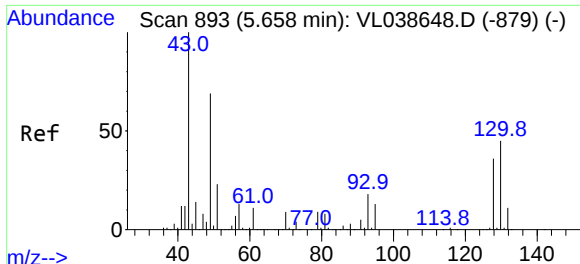
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Mon Mar

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

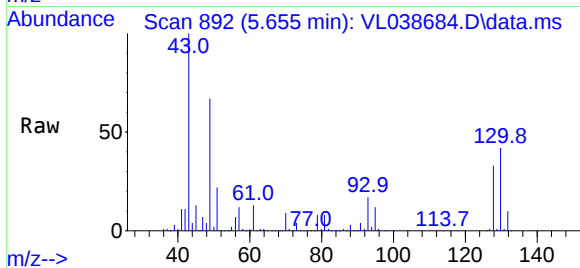
Response via : Initial Calibration





#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.655 min Scan# 893  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

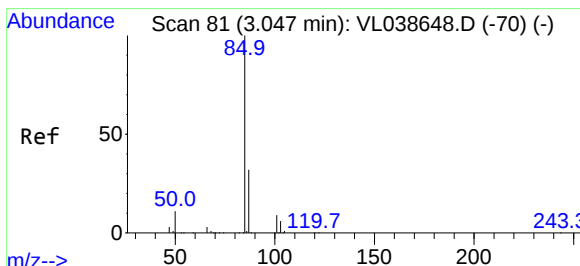
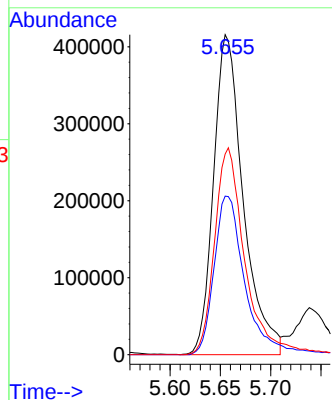
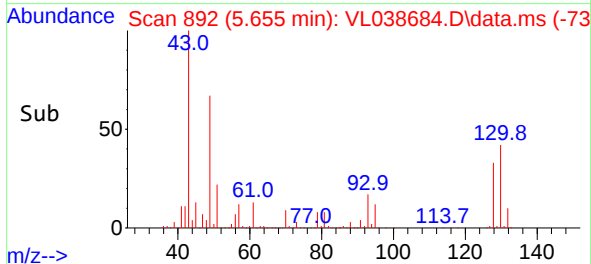
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



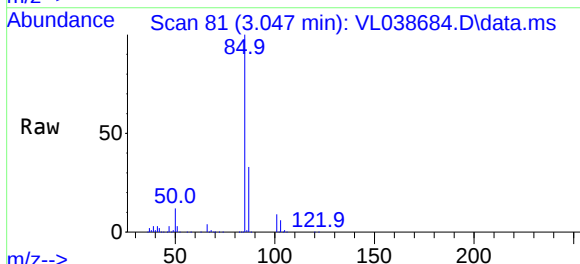
Tgt Ion: 49 Resp: 85341  
Ion Ratio Lower Upper  
49 100  
128 52.6 26.2 78.6  
130 67.3 33.7 101.1

Manual Integrations  
APPROVED

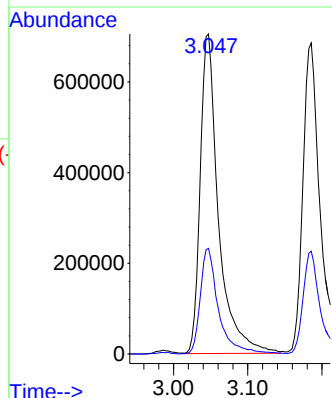
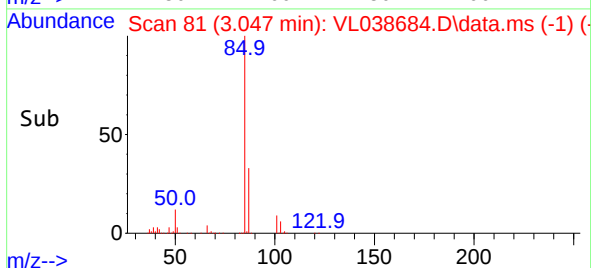
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

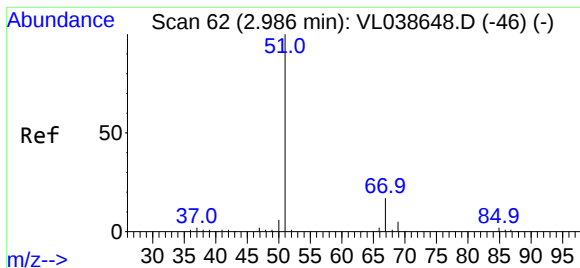


#2  
Dichlorodifluoromethane  
Concen: 10.496 ppbv  
RT: 3.047 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 85 Resp: 1204170  
Ion Ratio Lower Upper  
85 100  
87 33.0 26.0 39.0





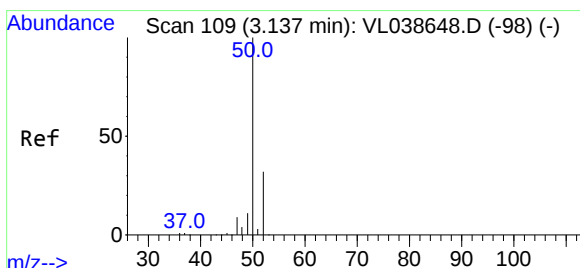
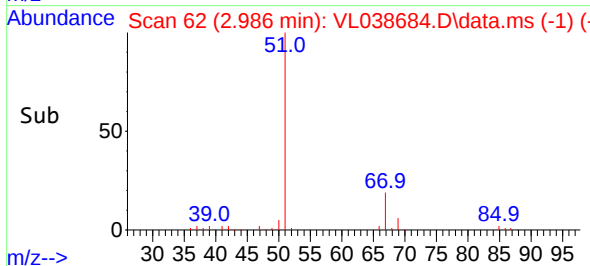
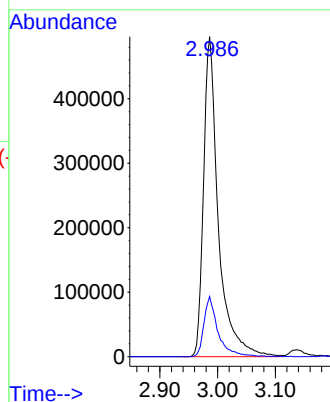
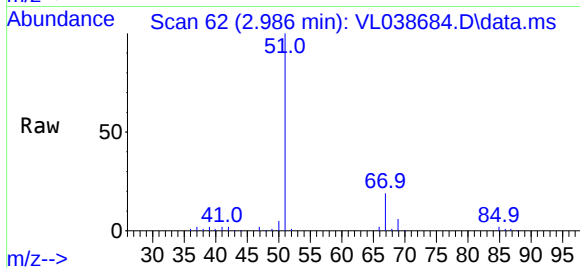
#3  
Chlorodifluoromethane  
Concen: 9.766 ppbv  
RT: 2.986 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 51 Resp: 88023  
Ion Ratio Lower Upper  
51 100  
67 18.1 14.1 21.1

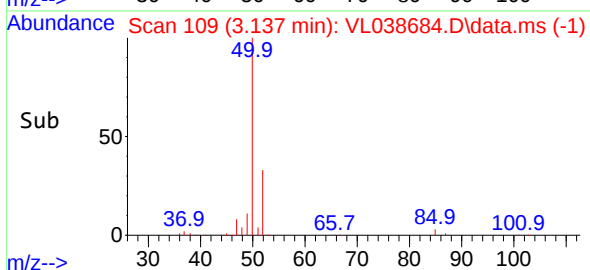
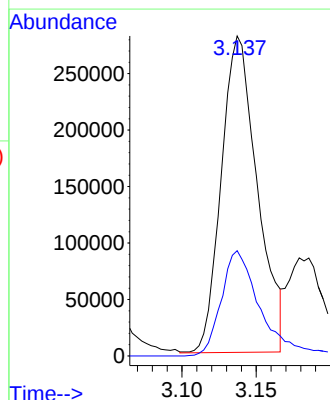
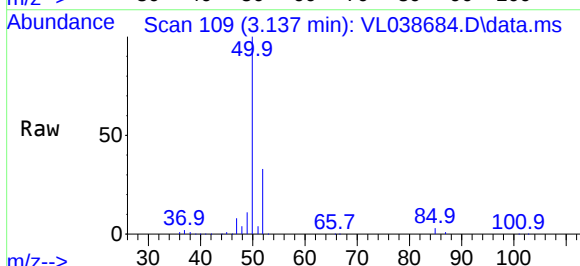
Manual Integrations  
APPROVED

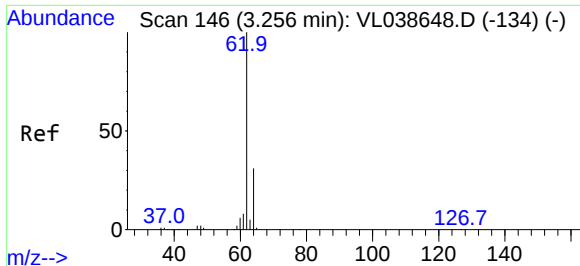
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#4  
Chloromethane  
Concen: 9.579 ppbv  
RT: 3.137 min Scan# 109  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

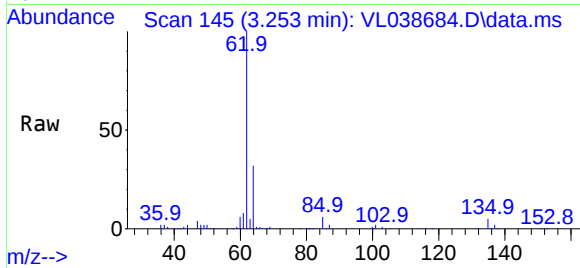
Tgt Ion: 50 Resp: 474053  
Ion Ratio Lower Upper  
50 100  
52 33.3 25.5 38.3





#5  
 Vinyl Chloride  
 Concen: 9.625 ppbv  
 RT: 3.253 min Scan# 146  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

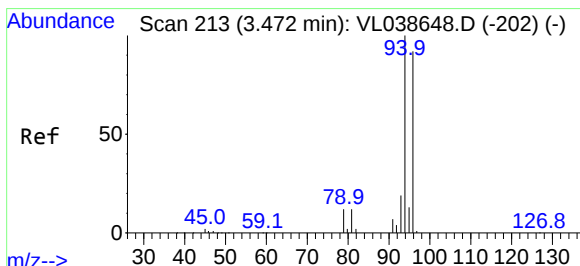
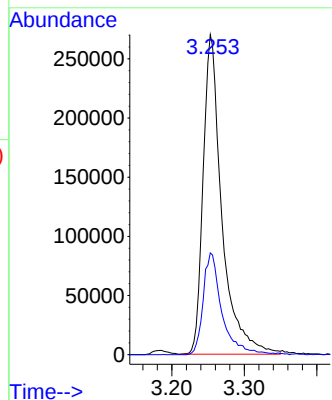
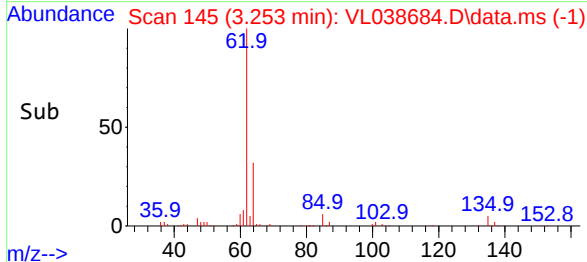
Instrument : MSVOA\_L  
 ClientSampleId : VL0322ABS01



Tgt Ion: 62 Resp: 48396  
 Ion Ratio Lower Upper  
 62 100  
 64 31.9 25.0 37.4

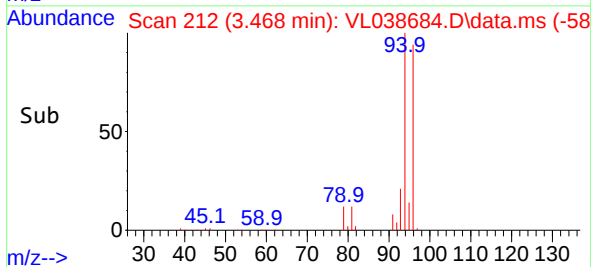
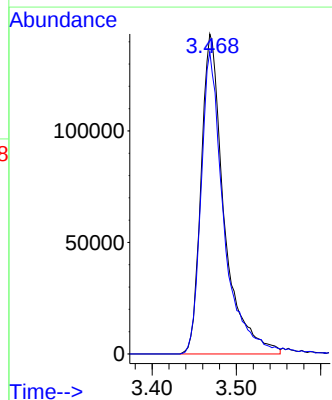
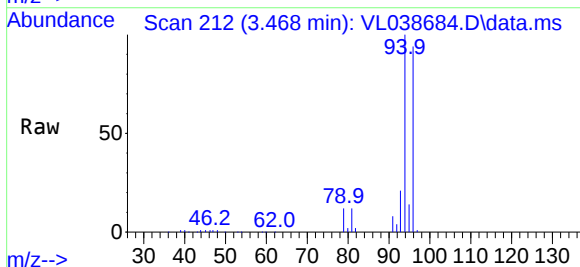
Manual Integrations  
 APPROVED

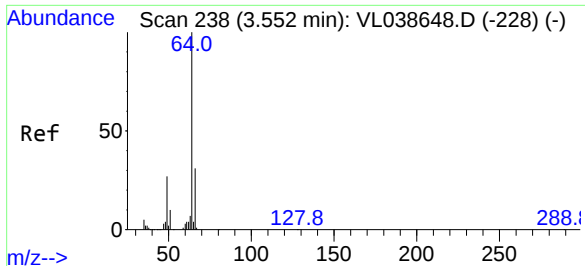
Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022



#6  
 Bromomethane  
 Concen: 10.171 ppbv  
 RT: 3.468 min Scan# 212  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

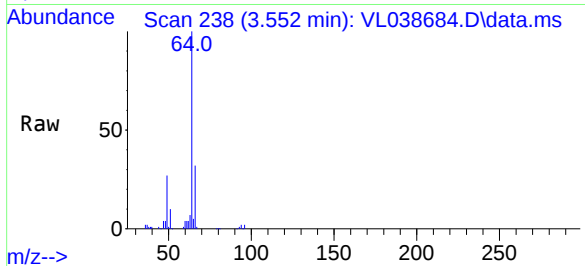
Tgt Ion: 94 Resp: 272633  
 Ion Ratio Lower Upper  
 94 100  
 96 94.5 73.3 109.9





#7  
Chloroethane  
Concen: 9.844 ppbv  
RT: 3.552 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

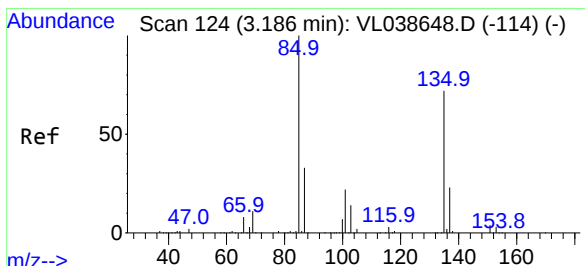
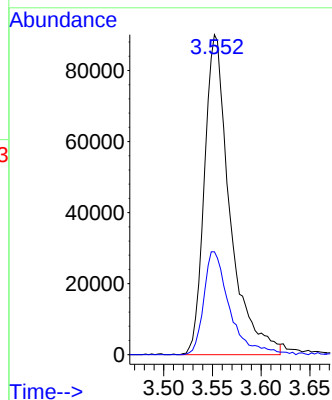
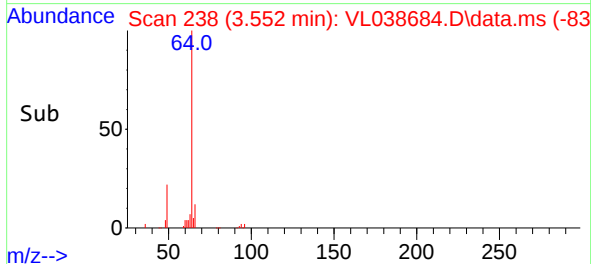
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



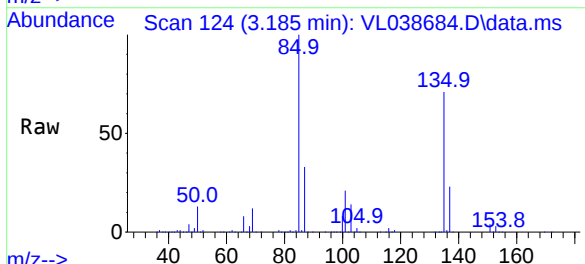
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Ion Ratio Lower Upper  
64 100  
66 32.2 25.0 37.6

Manual Integrations  
APPROVED

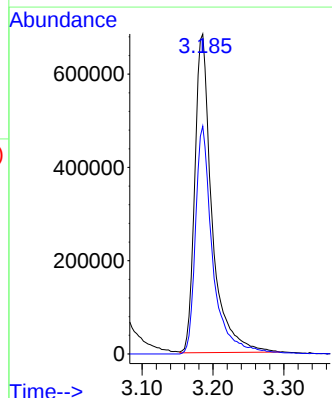
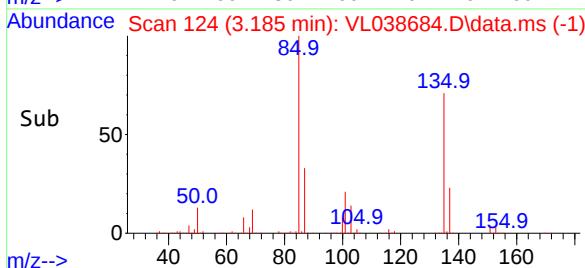
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

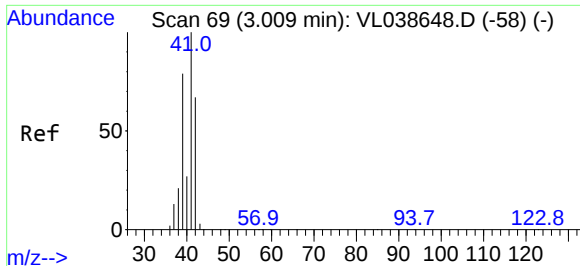


#8  
Dichlorotetrafluoroethane  
Concen: 10.038 ppbv  
RT: 3.185 min Scan# 124  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 85 Resp: 1149830  
Ion Ratio Lower Upper  
85 100  
135 72.3 57.8 86.6





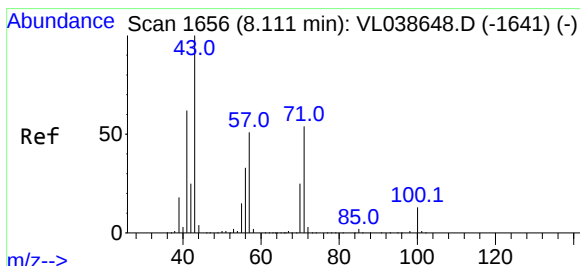
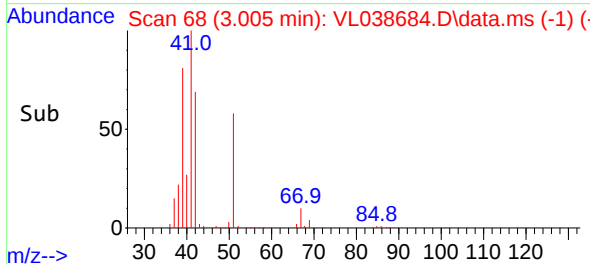
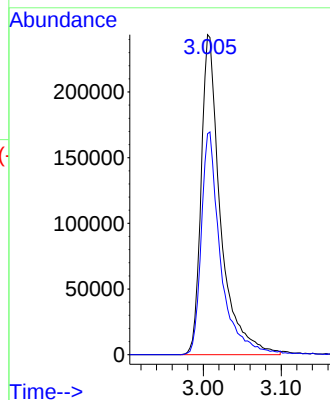
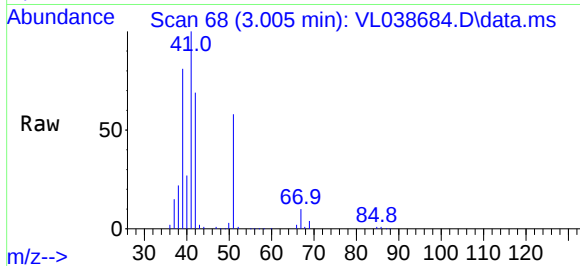
#9  
Propene  
Concen: 9.657 ppbv  
RT: 3.005 min Scan# 61  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 41 Resp: 42023  
Ion Ratio Lower Upper  
41 100  
42 70.2 56.2 84.4

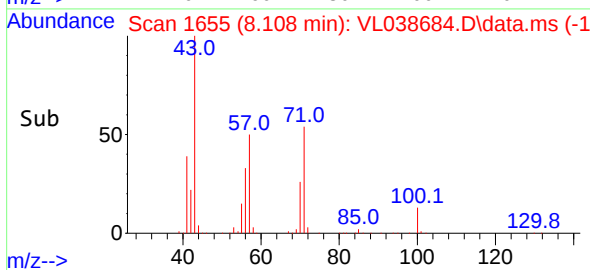
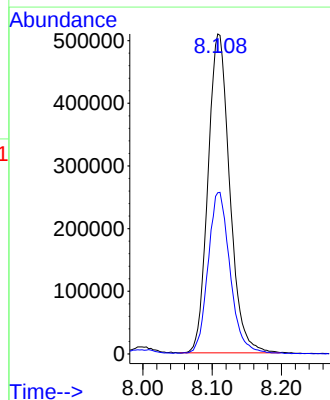
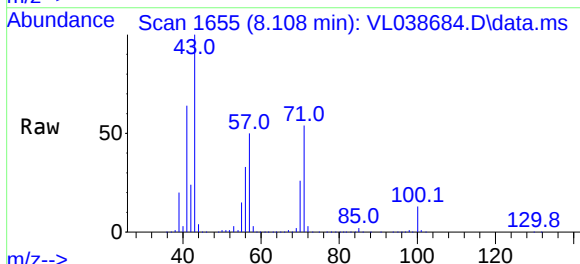
Manual Integrations  
APPROVED

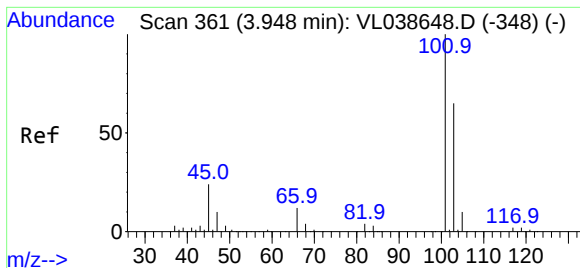
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#10  
Heptane  
Concen: 10.653 ppbv  
RT: 8.108 min Scan# 1655  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

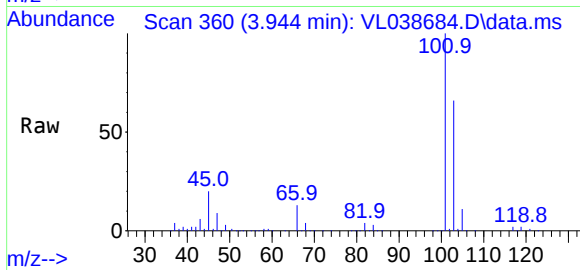
Tgt Ion: 43 Resp: 1108173  
Ion Ratio Lower Upper  
43 100  
57 51.6 41.4 62.2





#11  
 Trichlorofluoromethane  
 Concen: 10.168 ppbv  
 RT: 3.944 min Scan# 30  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

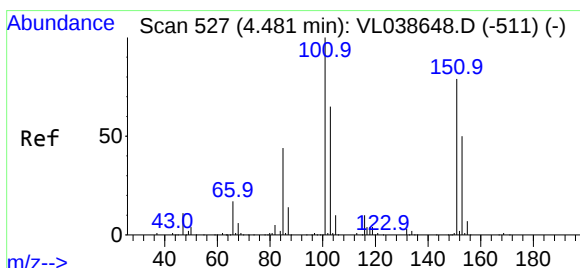
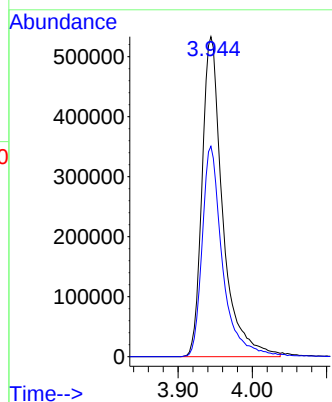
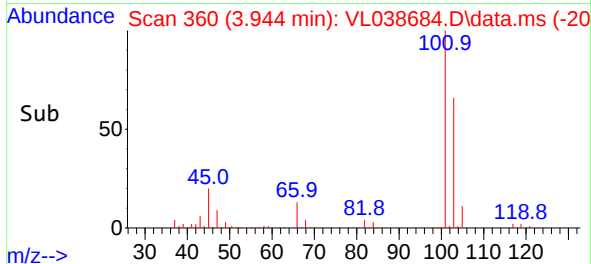
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01



Tgt Ion:101 Resp: 102954  
 Ion Ratio Lower Upper  
 101 100  
 103 65.7 51.9 77.9

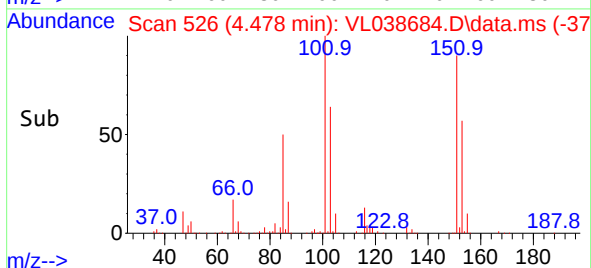
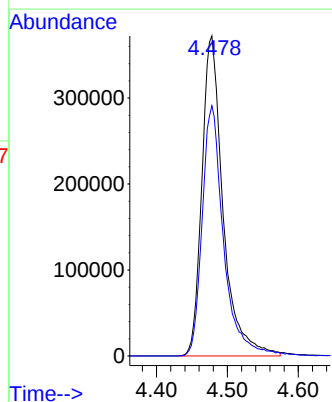
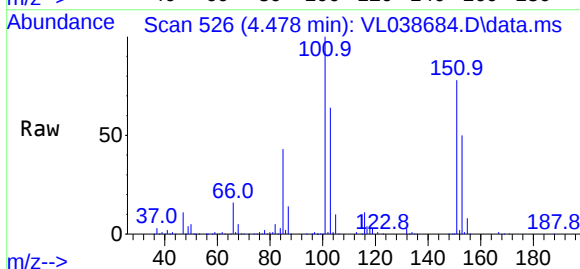
Manual Integrations  
 APPROVED

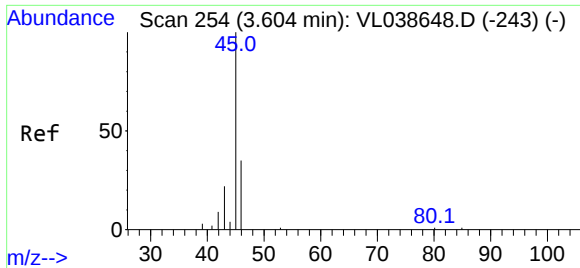
Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022



#12  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 9.920 ppbv  
 RT: 4.478 min Scan# 526  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

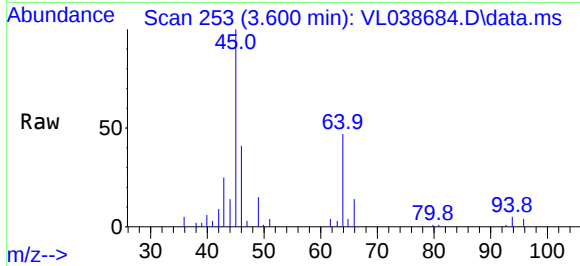
Tgt Ion:101 Resp: 773167  
 Ion Ratio Lower Upper  
 101 100  
 151 79.2 62.9 94.3





#13  
Ethanol  
Concen: 7.038 ppbv m  
RT: 3.600 min Scan# 214  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

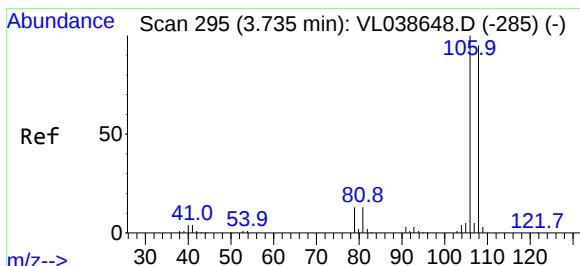
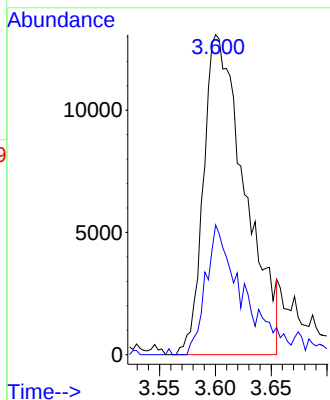
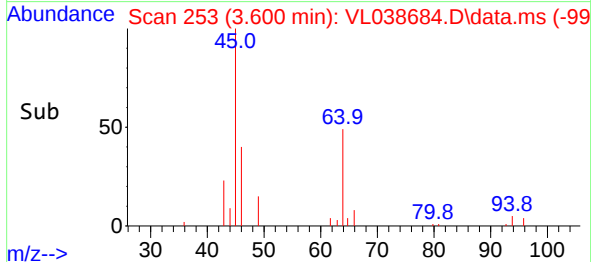
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



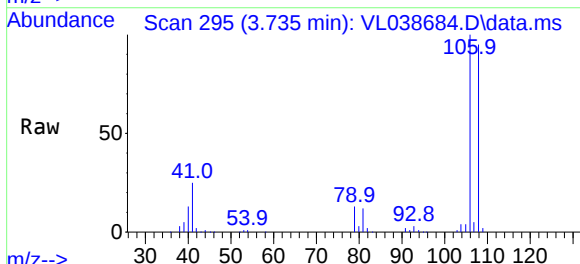
Tgt Ion: 45 Resp: 33784  
Ion Ratio Lower Upper  
45 100  
46 39.5 15.1 60.5

Manual Integrations  
APPROVED

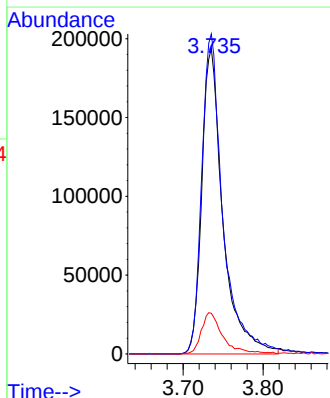
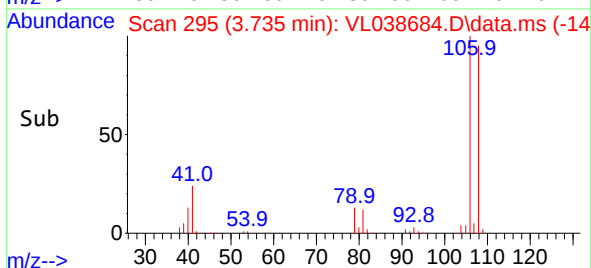
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

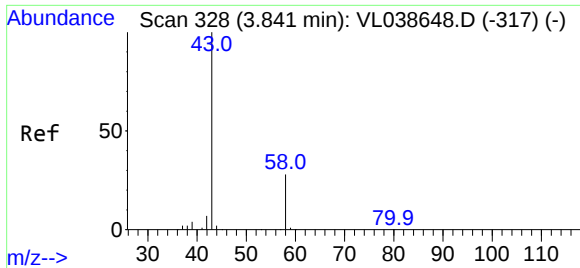


#14  
Bromoethene  
Concen: 10.291 ppbv  
RT: 3.735 min Scan# 295  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion:108 Resp: 356493  
Ion Ratio Lower Upper  
108 100  
106 106.5 88.3 132.5  
79 14.0 11.2 16.8





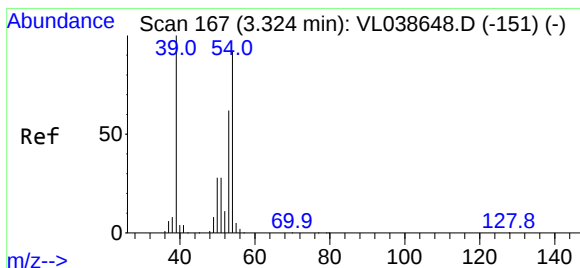
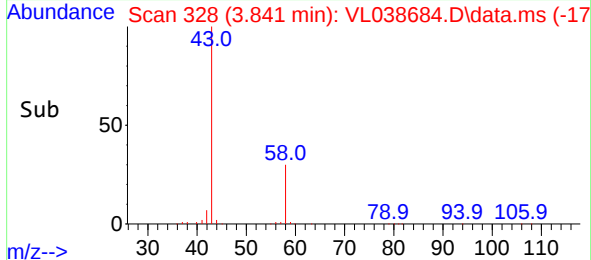
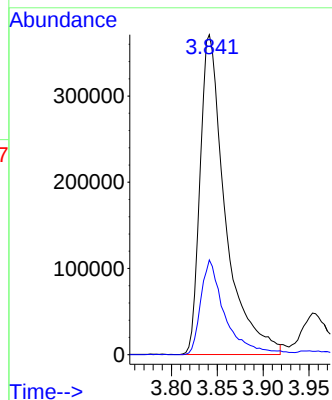
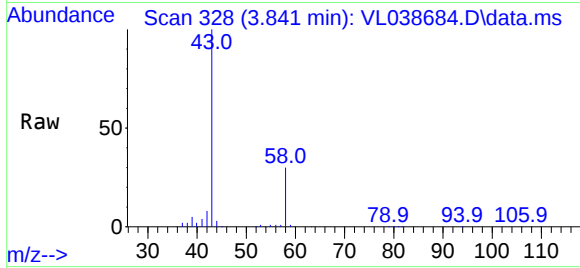
#15  
Acetone  
Concen: 9.649 ppbv  
RT: 3.841 min Scan# 317  
Delta R.T. -0.000 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

Instrument : MSVOA\_L  
ClientSampleId : VL0322ABS01

Tgt Ion: 43 Resp: 71056  
Ion Ratio Lower Upper  
43 100  
58 28.4 23.3 34.9

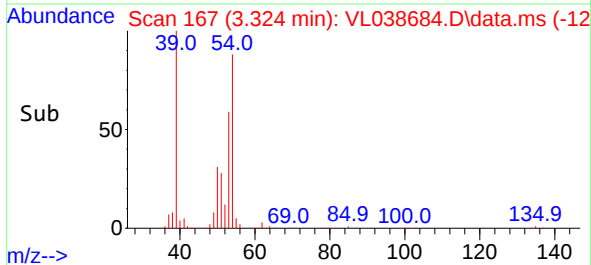
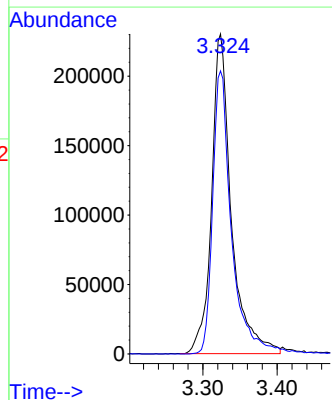
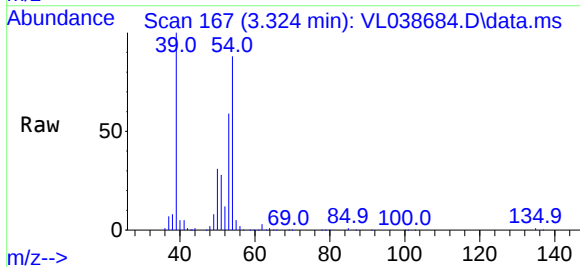
Manual Integrations  
APPROVED

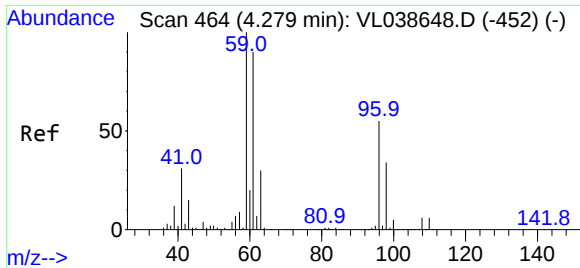
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#16  
1,3-Butadiene  
Concen: 10.179 ppbv  
RT: 3.324 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

Tgt Ion: 39 Resp: 425370  
Ion Ratio Lower Upper  
39 100  
54 85.2 69.1 103.7





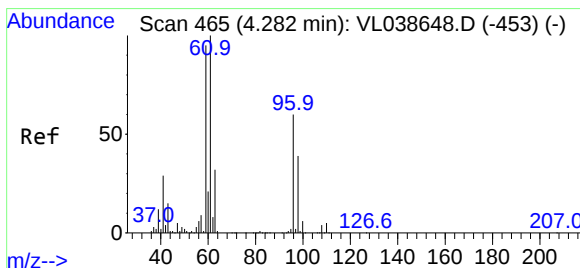
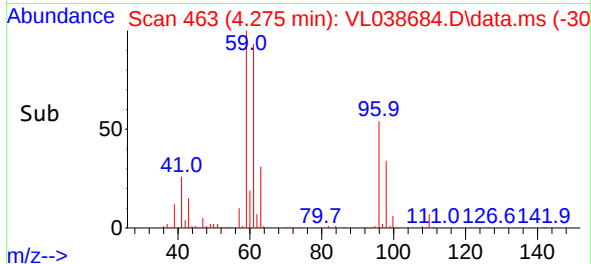
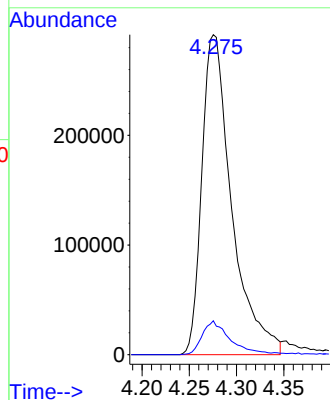
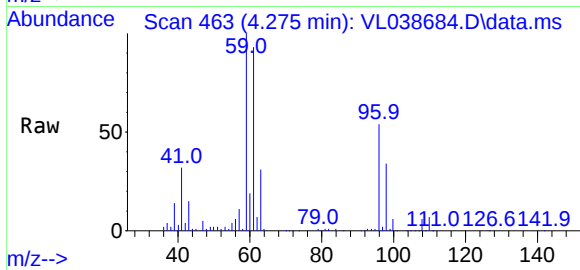
#17  
tert-Butyl alcohol  
Concen: 9.967 ppbv  
RT: 4.275 min Scan# 409  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 59 Resp: 640999  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.2

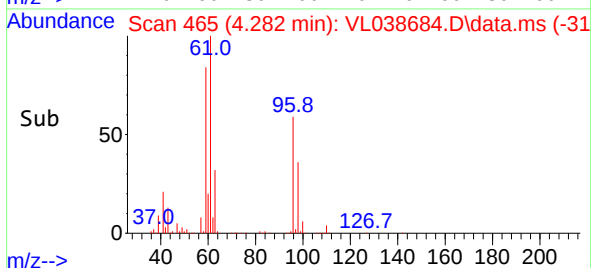
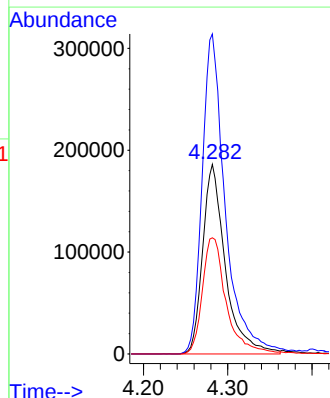
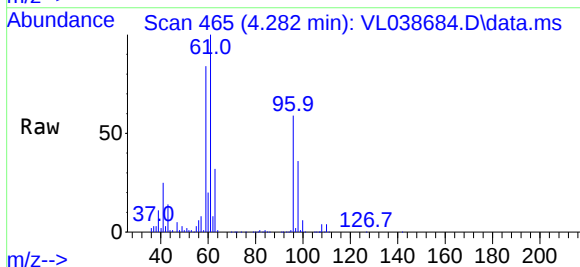
Manual Integrations  
APPROVED

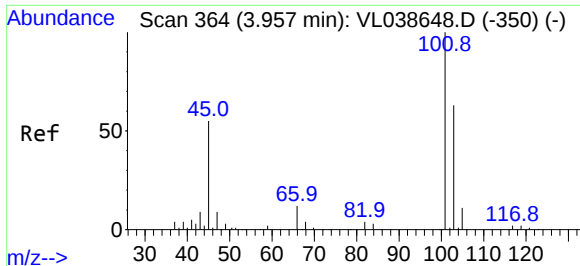
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#18  
1,1-Dichloroethene  
Concen: 9.985 ppbv  
RT: 4.282 min Scan# 465  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

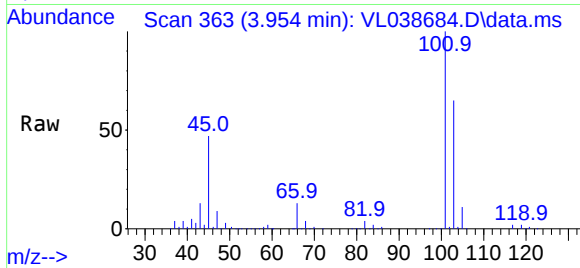
Tgt Ion: 96 Resp: 349645  
Ion Ratio Lower Upper  
96 100  
61 168.6 132.4 198.6  
98 61.2 51.6 77.4





#19  
Isopropyl Alcohol  
Concen: 9.574 ppbv  
RT: 3.954 min Scan# 30  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

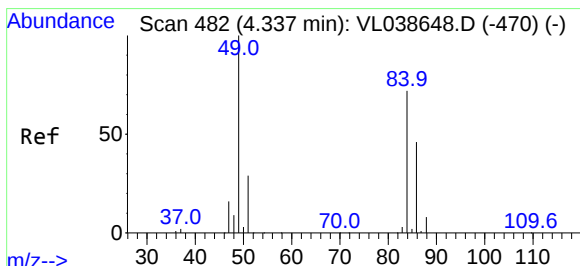
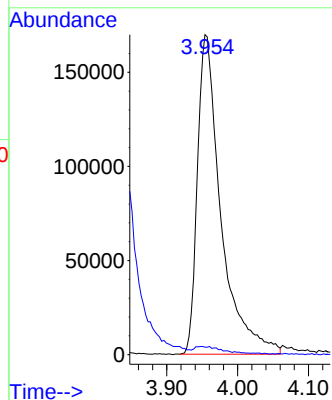
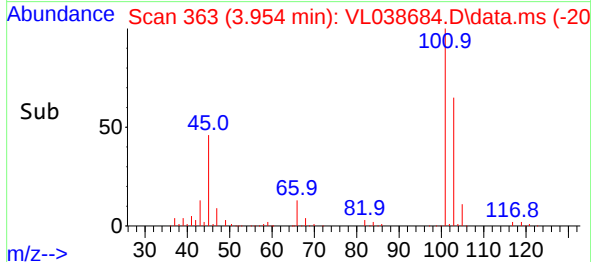
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



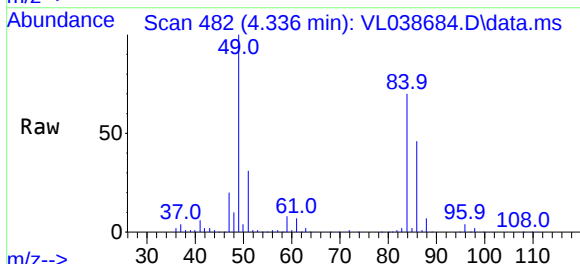
Tgt Ion: 45 Resp: 390872  
Ion Ratio Lower Upper  
45 100  
58 3.6 2.3 3.5

Manual Integrations  
APPROVED

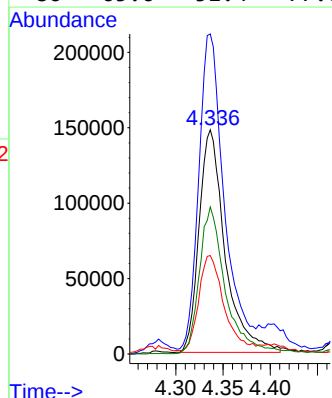
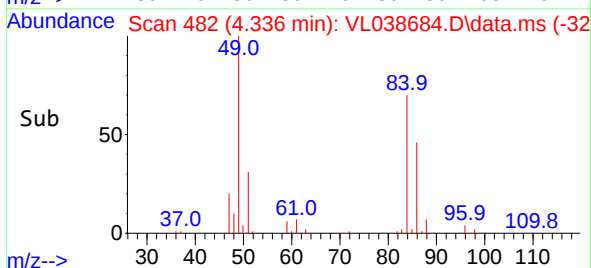
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

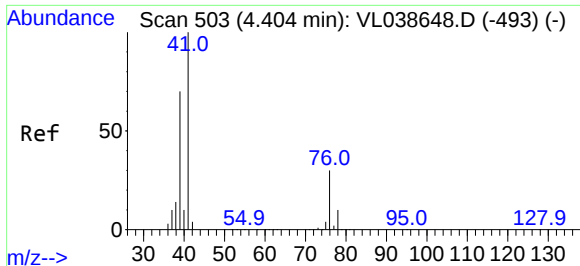


#20  
Methylene Chloride  
Concen: 9.121 ppbv  
RT: 4.336 min Scan# 482  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



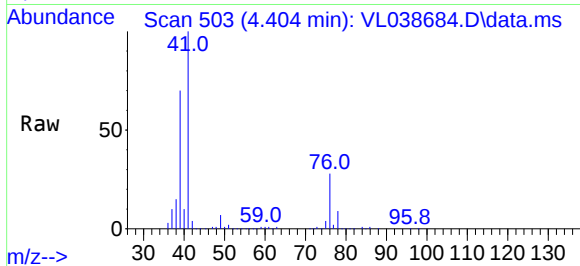
Tgt Ion: 84 Resp: 282914  
Ion Ratio Lower Upper  
84 100  
49 141.4 111.2 166.8  
51 42.7 32.8 49.2  
86 65.6 51.4 77.0





#21  
 Allyl Chloride  
 Concen: 9.963 ppbv  
 RT: 4.404 min Scan# 503  
 Delta R.T. -0.000 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

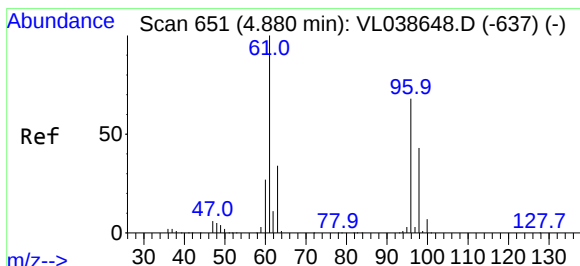
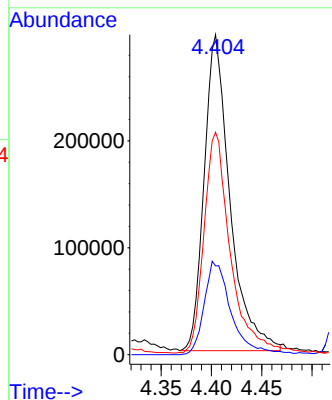
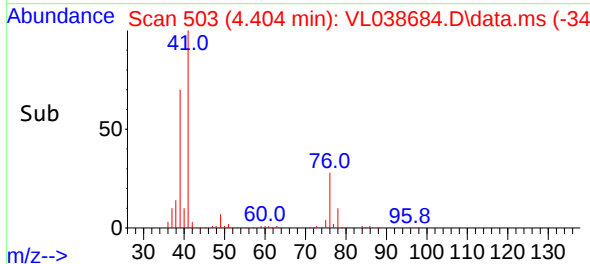
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01



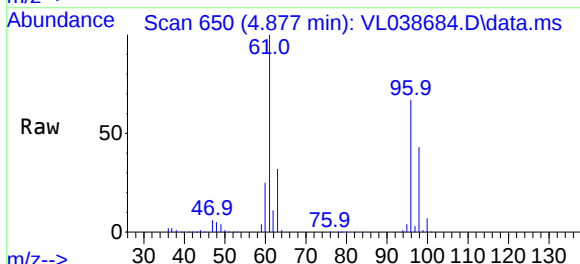
Tgt Ion: 41 Resp: 52800  
 Ion Ratio Lower Upper  
 41 100  
 76 30.8 25.0 37.6  
 39 72.3 56.6 85.0

Manual Integrations  
 APPROVED

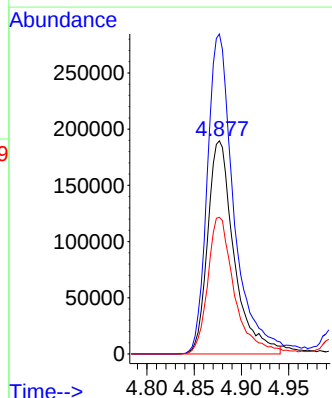
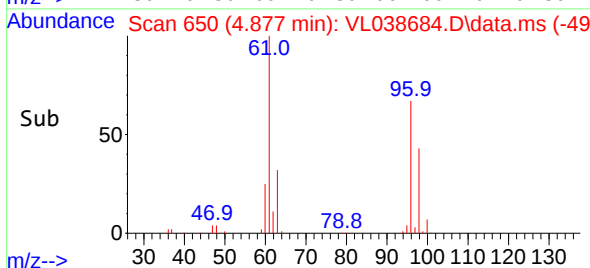
Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022

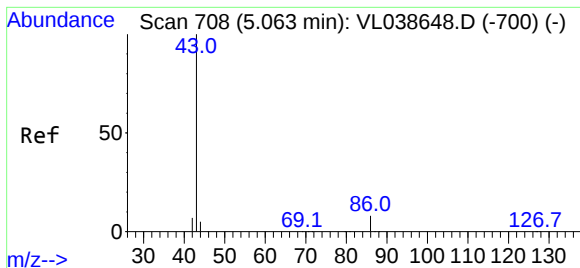


#22  
 trans-1,2-Dichloroethene  
 Concen: 10.157 ppbv  
 RT: 4.877 min Scan# 650  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39



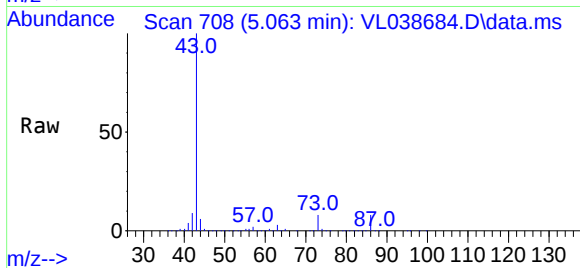
Tgt Ion: 96 Resp: 368895  
 Ion Ratio Lower Upper  
 96 100  
 61 150.0 118.3 177.5  
 98 64.1 51.3 76.9





#23  
 Vinyl Acetate  
 Concen: 10.614 ppbv  
 RT: 5.063 min Scan# 708  
 Delta R.T. -0.000 min  
 Lab File: VL038648.D  
 Acq: 22 Mar 2022 14:39

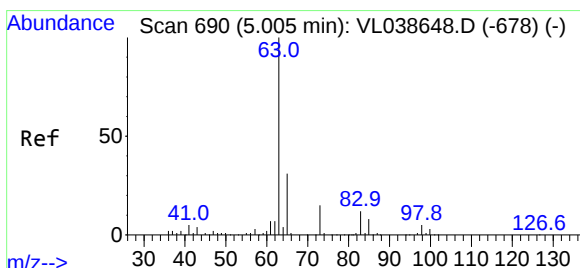
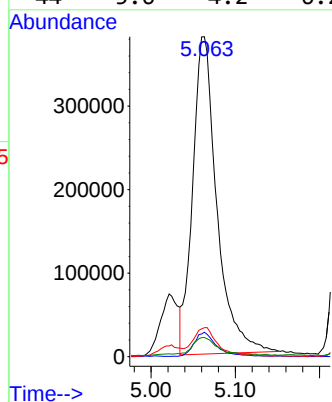
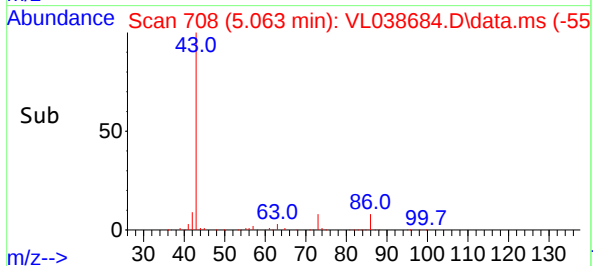
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0322ABS01



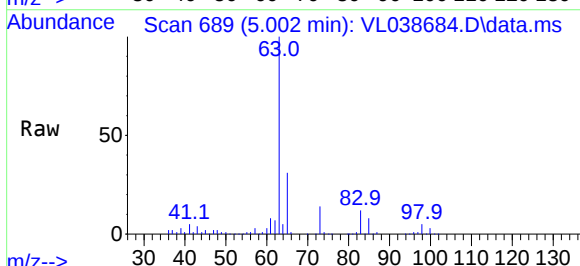
Tgt Ion: 43 Resp: 756828  
 Ion Ratio Lower Upper  
 43 100  
 86 7.6 5.6 8.4  
 42 8.9 6.8 10.2  
 44 5.6 4.2 6.2

Manual Integrations  
 APPROVED

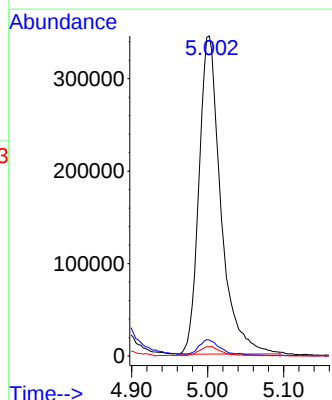
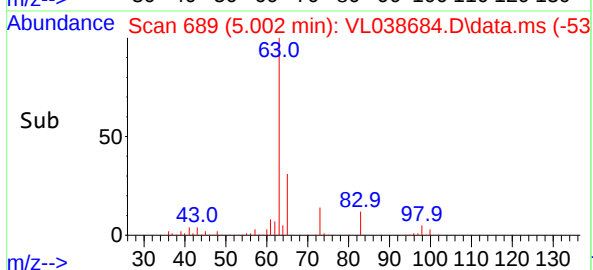
Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022

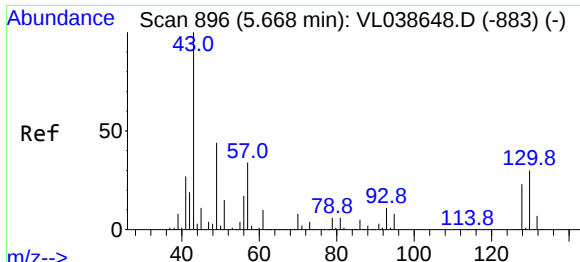


#24  
 1,1-Dichloroethane  
 Concen: 9.776 ppbv  
 RT: 5.002 min Scan# 689  
 Delta R.T. -0.003 min  
 Lab File: VL038648.D  
 Acq: 22 Mar 2022 14:39



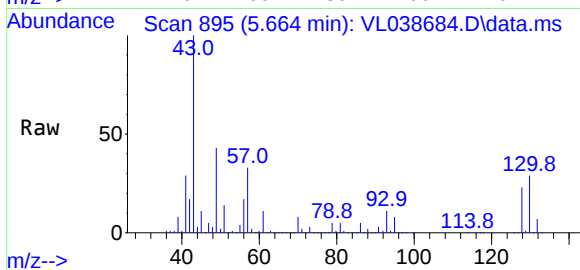
Tgt Ion: 63 Resp: 686561  
 Ion Ratio Lower Upper  
 63 100  
 98 4.8 2.5 7.5  
 100 2.9 1.4 4.2





#25  
Ethyl Acetate  
Concen: 10.311 ppbv  
RT: 5.664 min Scan# 895  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

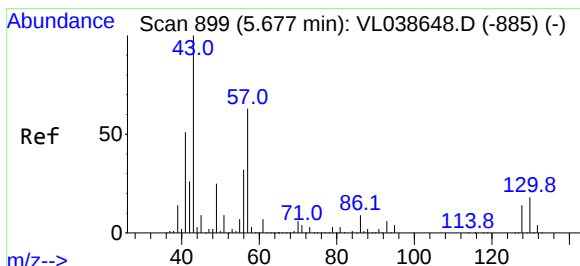
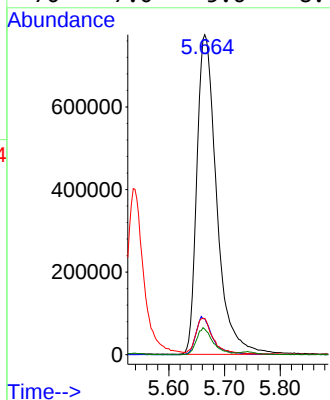
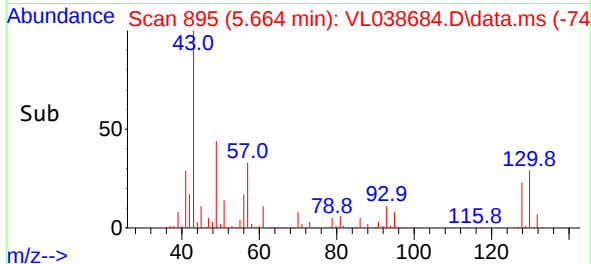


Tgt Ion: 43 Resp: 1911452

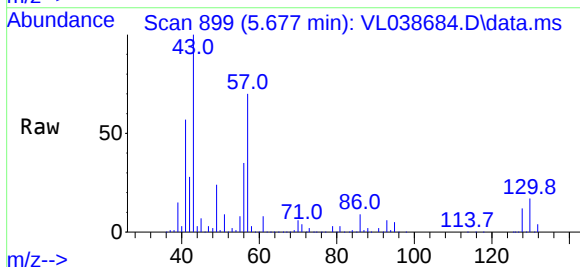
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 45  | 10.3  | 8.2   | 12.4  |
| 61  | 10.3  | 8.3   | 12.5  |
| 70  | 7.0   | 5.6   | 8.4   |

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

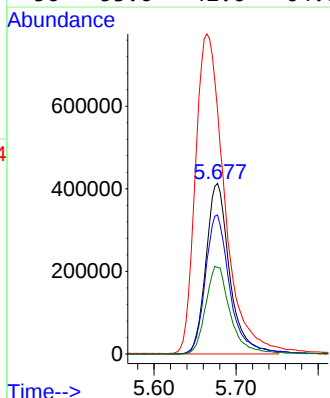
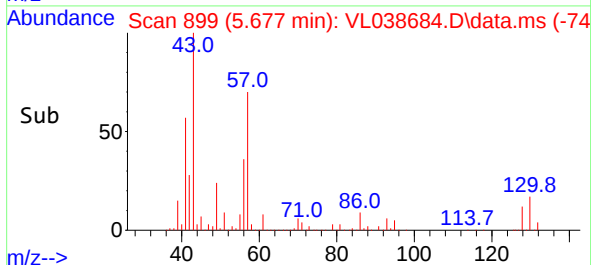


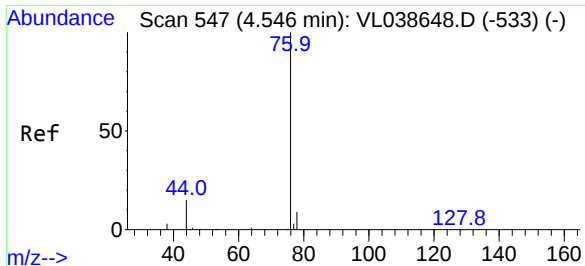
#26  
Hexane  
Concen: 9.984 ppbv  
RT: 5.677 min Scan# 899  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 57 Resp: 828569

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 57  | 100   |       |       |
| 41  | 85.5  | 67.0  | 100.4 |
| 43  | 231.6 | 184.2 | 276.2 |
| 56  | 53.6  | 42.6  | 64.0  |





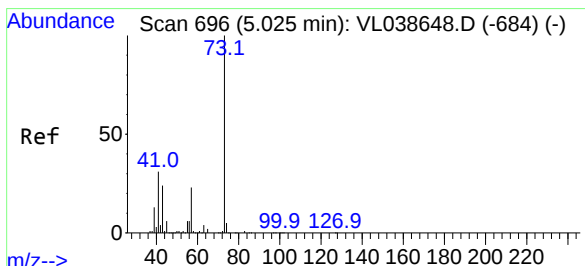
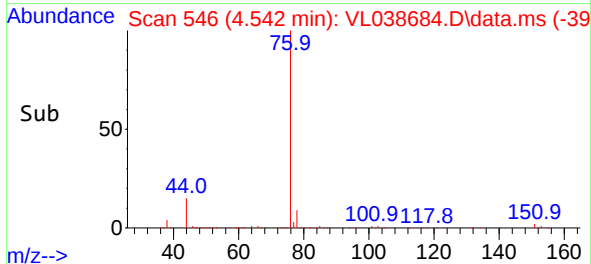
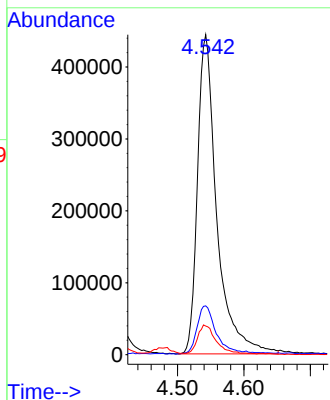
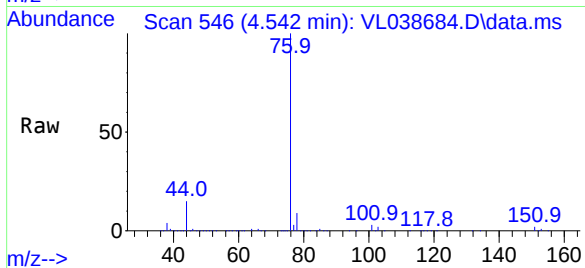
#27  
Carbon Disulfide  
Concen: 11.022 ppbv  
RT: 4.542 min Scan# 54  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 76 Resp: 897334  
Ion Ratio Lower Upper  
76 100  
44 15.6 12.4 18.6  
78 9.6 7.8 11.8

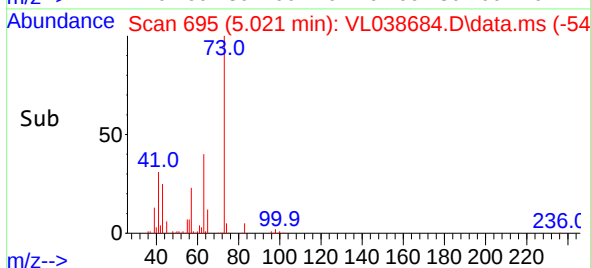
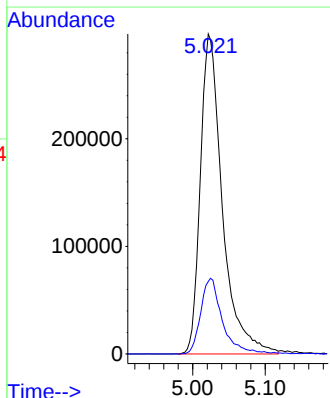
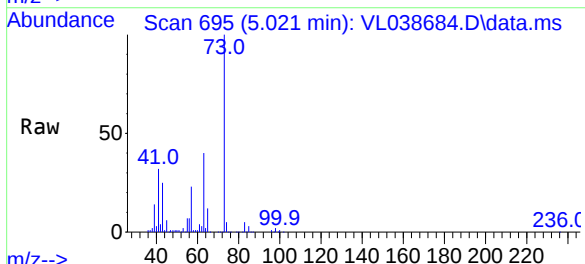
Manual Integrations  
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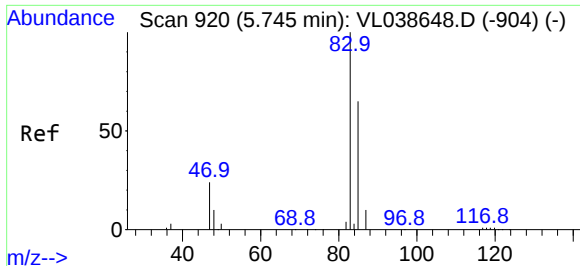
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#28  
Methyl tert-Butyl Ether  
Concen: 10.139 ppbv  
RT: 5.021 min Scan# 695  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion: 73 Resp: 626806  
Ion Ratio Lower Upper  
73 100  
57 23.6 19.2 28.8





#29

Chloroform

Concen: 10.081 ppbv

RT: 5.742 min Scan# 919

Delta R.T. -0.003 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

Instrument :

MSVOA\_L

ClientSampleId :

VL0322ABS01

Tgt Ion: 83 Resp: 133963

Ion Ratio Lower Upper

83 100

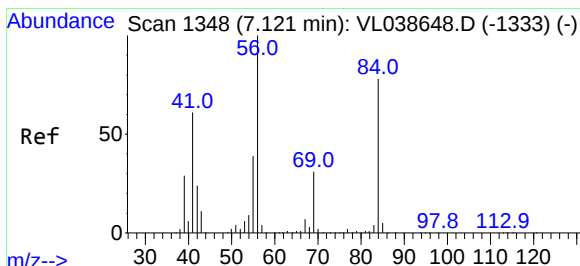
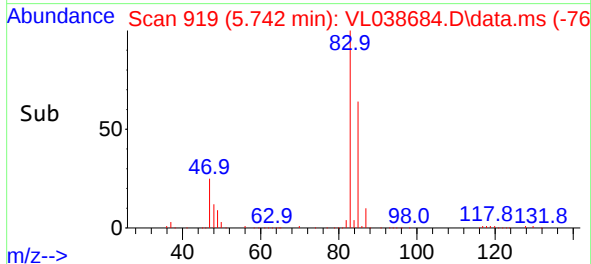
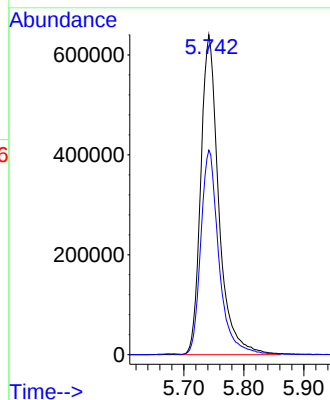
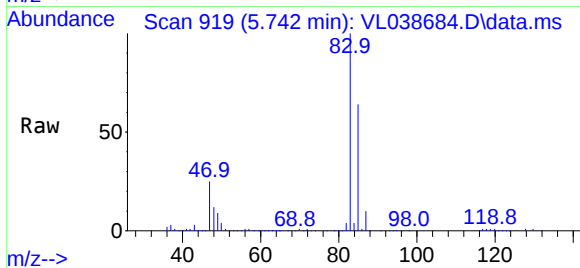
85 63.8 51.7 77.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#30

Cyclohexane

Concen: 10.048 ppbv

RT: 7.118 min Scan# 1347

Delta R.T. -0.003 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

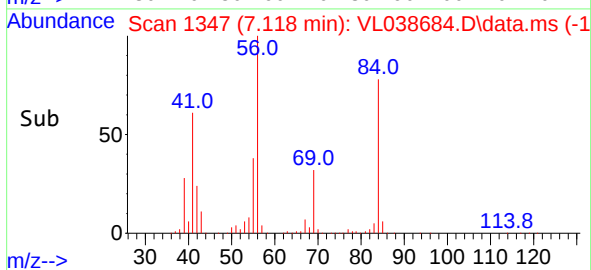
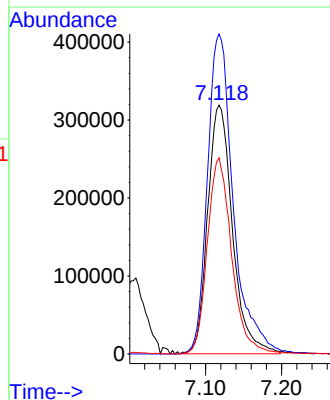
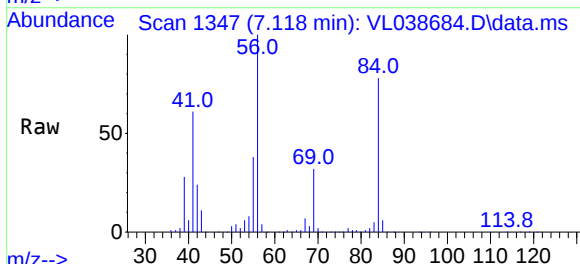
Tgt Ion: 84 Resp: 725051

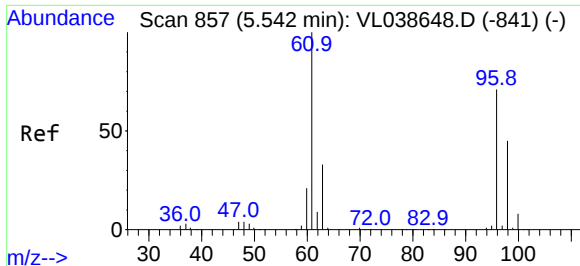
Ion Ratio Lower Upper

84 100

56 134.5 108.2 162.4

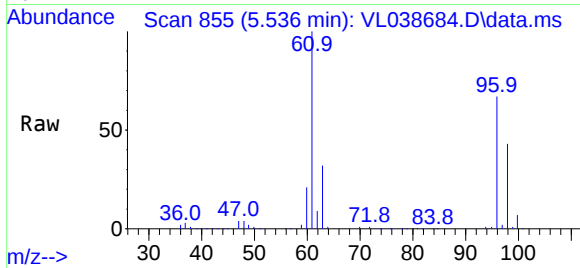
41 77.3 61.8 92.6





#31  
cis-1,2-Dichloroethene  
Concen: 10.508 ppbv  
RT: 5.536 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

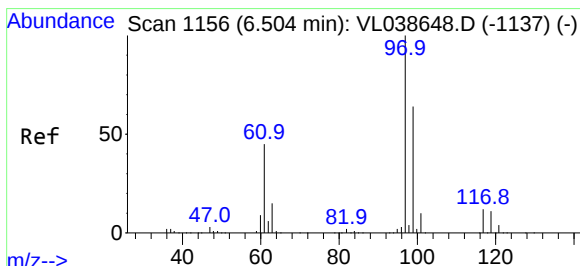
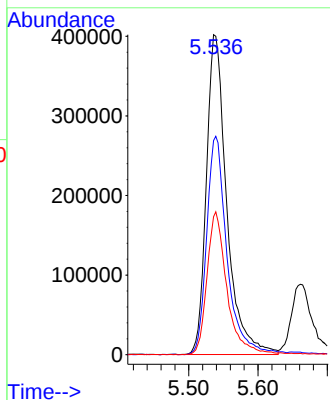
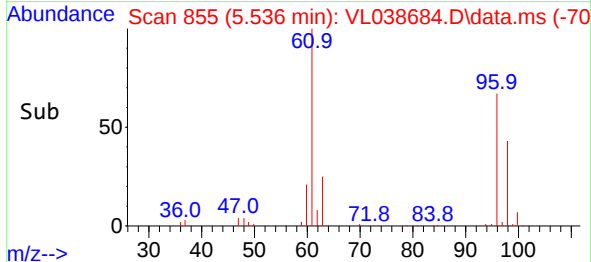
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



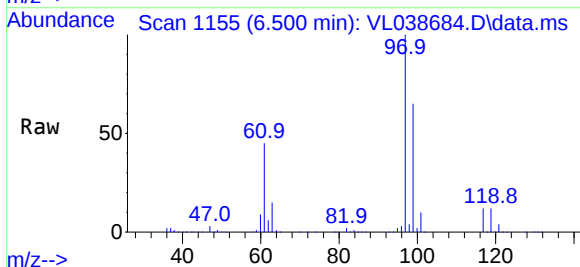
Tgt Ion: 61 Resp: 819998  
Ion Ratio Lower Upper  
61 100  
96 66.9 56.6 84.8  
98 43.1 36.3 54.5

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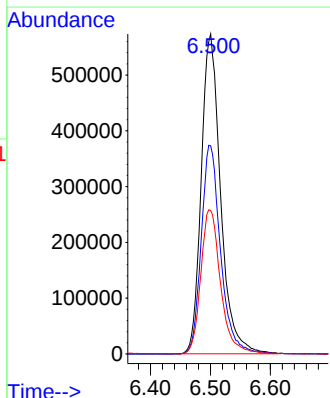
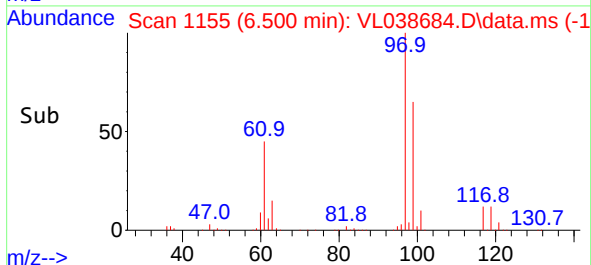
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

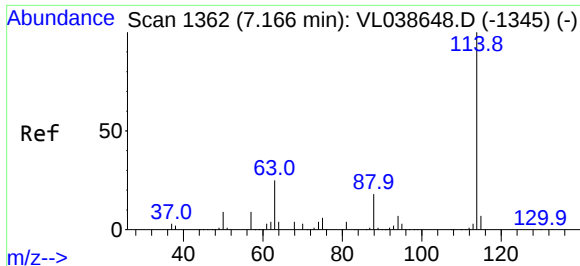


#32  
1,1,1-Trichloroethane  
Concen: 10.061 ppbv  
RT: 6.500 min Scan# 1155  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 97 Resp: 1290173  
Ion Ratio Lower Upper  
97 100  
99 65.3 51.8 77.8  
61 46.0 36.7 55.1





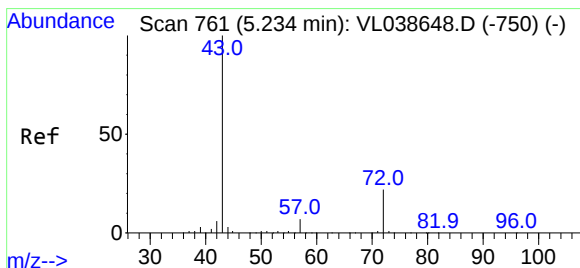
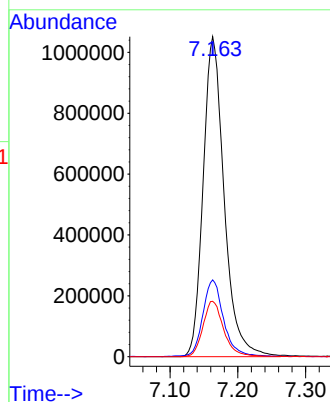
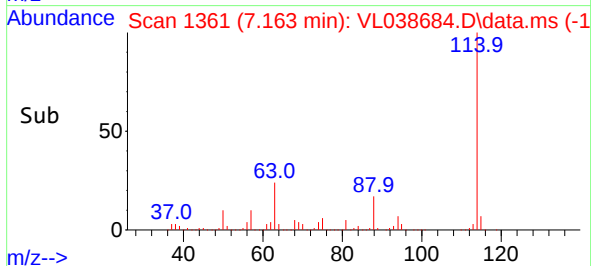
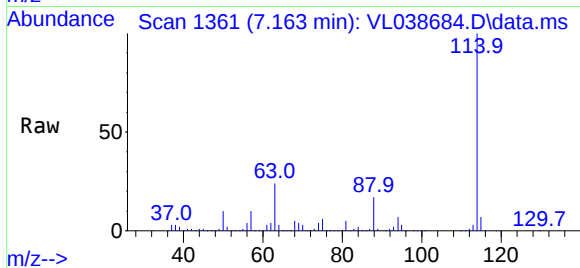
#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 7.163 min Scan# 1114  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:114 Resp: 2261570  
Ion Ratio Lower Upper  
114 100  
63 23.9 19.4 29.0  
88 17.1 13.9 20.9

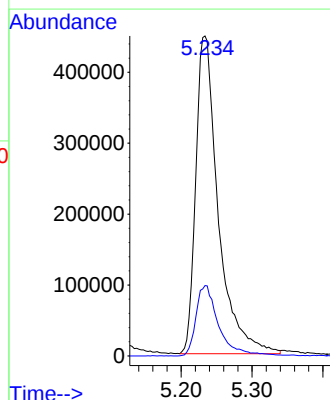
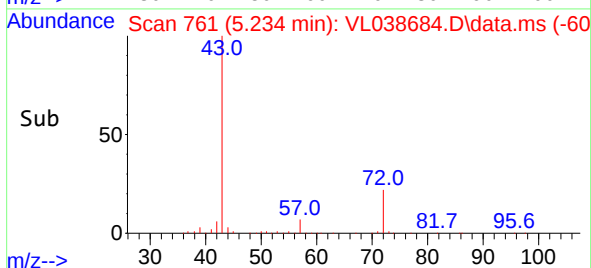
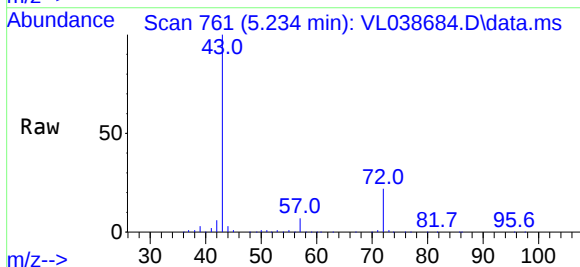
Manual Integrations  
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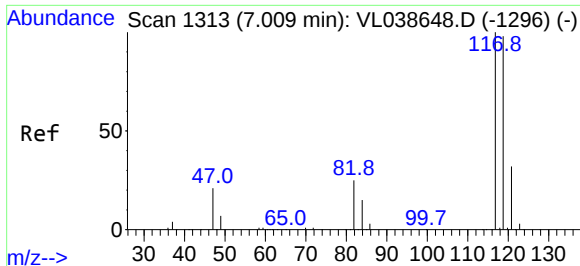
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#34  
2-Butanone  
Concen: 11.026 ppbv  
RT: 5.234 min Scan# 761  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

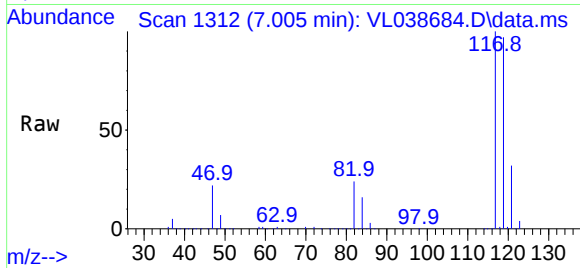
Tgt Ion: 43 Resp: 986957  
Ion Ratio Lower Upper  
43 100  
72 22.6 17.8 26.8





#35  
Carbon Tetrachloride  
Concen: 10.345 ppbv  
RT: 7.005 min Scan# 117  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

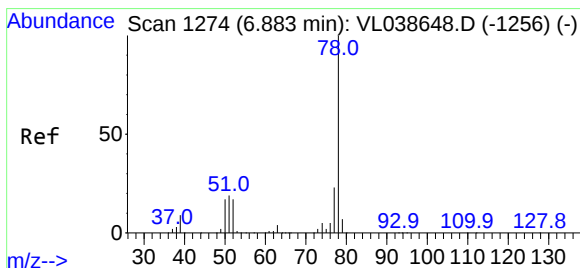
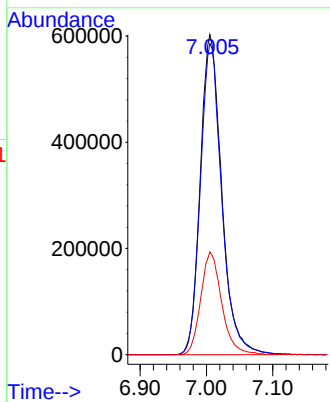
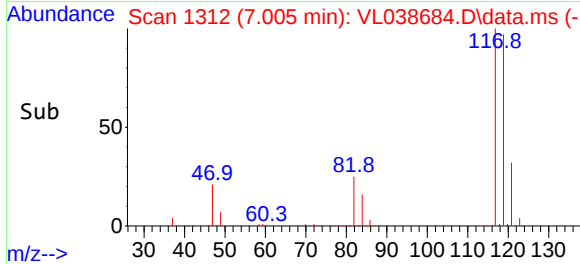
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



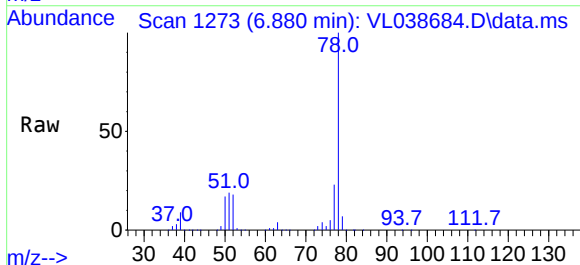
Tgt Ion:117 Resp: 1357540  
Ion Ratio Lower Upper  
117 100  
119 97.1 78.1 117.1  
121 32.1 25.8 38.6

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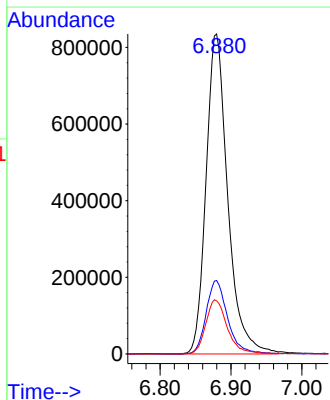
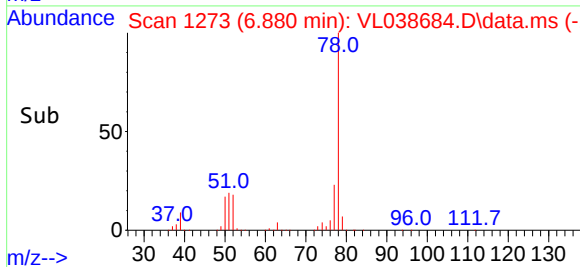
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

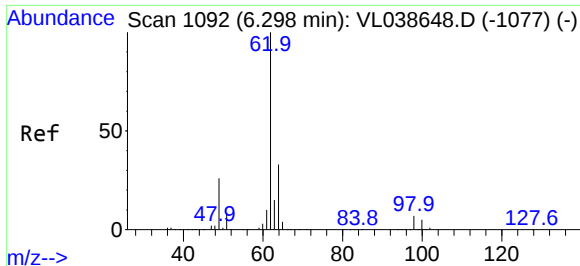


#36  
Benzene  
Concen: 10.175 ppbv  
RT: 6.880 min Scan# 1273  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 78 Resp: 1776077  
Ion Ratio Lower Upper  
78 100  
77 23.0 18.1 27.1  
50 16.6 13.6 20.4





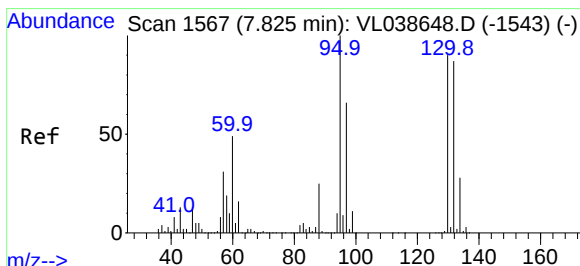
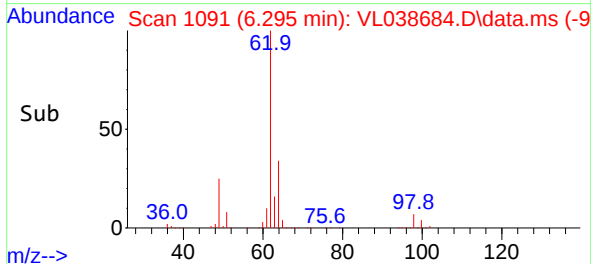
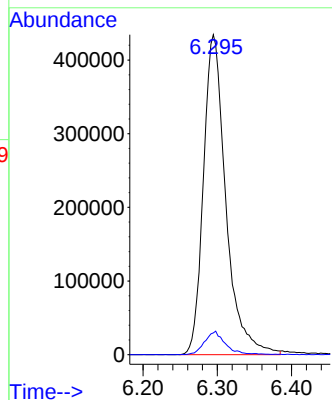
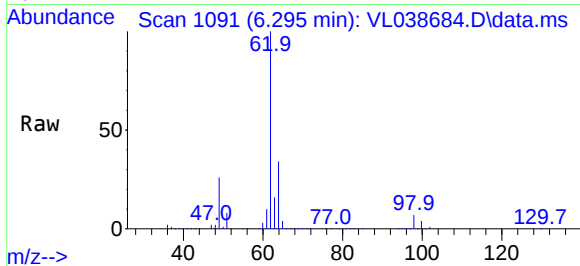
#37  
1,2-Dichloroethane  
Concen: 10.285 ppbv  
RT: 6.295 min Scan# 1091  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 62 Resp: 913210  
Ion Ratio Lower Upper  
62 100  
98 6.9 5.6 8.4

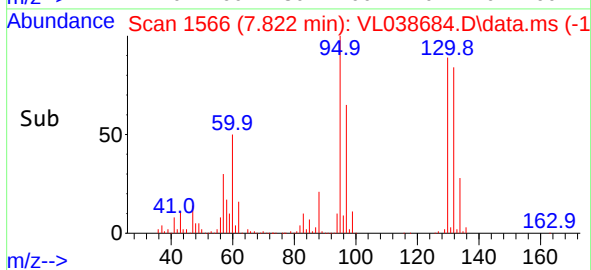
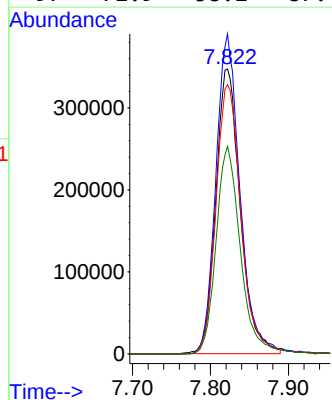
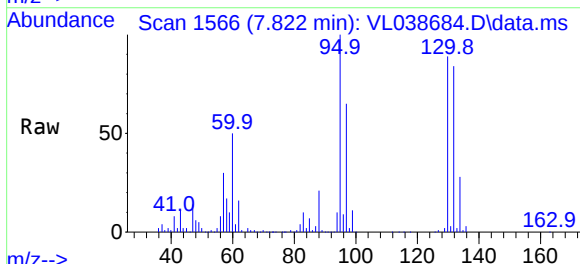
Manual Integrations  
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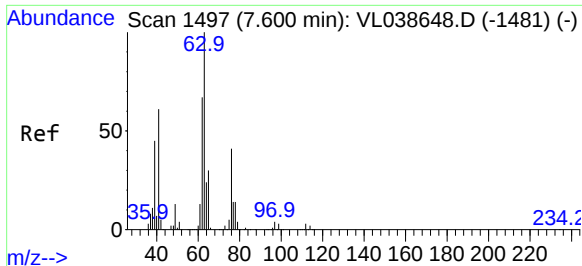
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#38  
Trichloroethene  
Concen: 10.376 ppbv  
RT: 7.822 min Scan# 1566  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

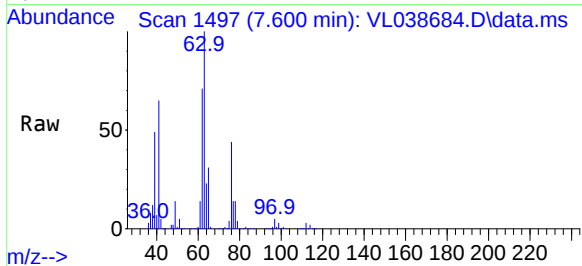
Tgt Ion:130 Resp: 758656  
Ion Ratio Lower Upper  
130 100  
95 112.4 88.9 133.3  
132 94.6 77.4 116.0  
97 72.9 58.2 87.4





#39  
1,2-Dichloropropane  
Concen: 9.950 ppbv  
RT: 7.600 min Scan# 1497  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

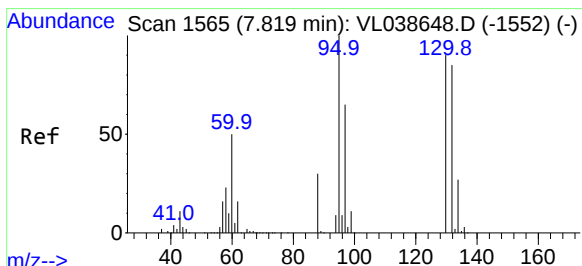
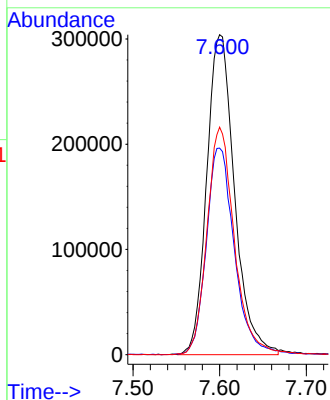
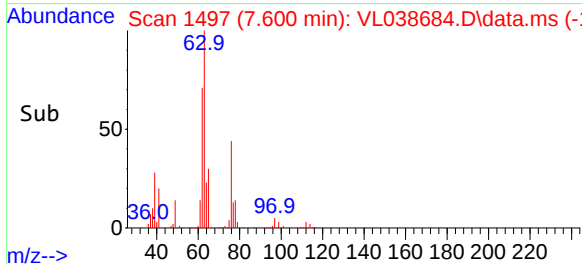
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



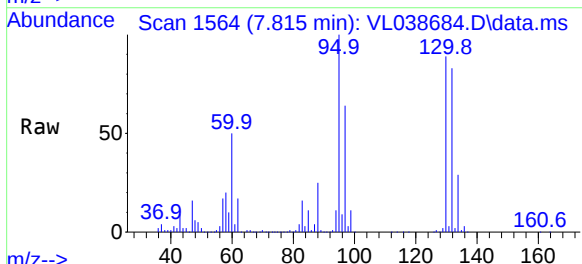
Tgt Ion: 63 Resp: 67897  
Ion Ratio Lower Upper  
63 100  
41 64.3 49.0 73.6  
62 70.8 53.9 80.9

Manual Integrations  
APPROVED

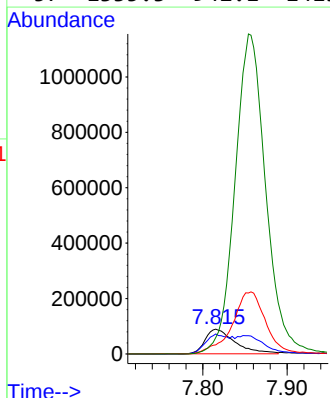
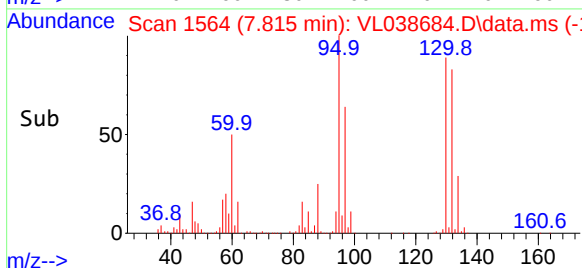
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

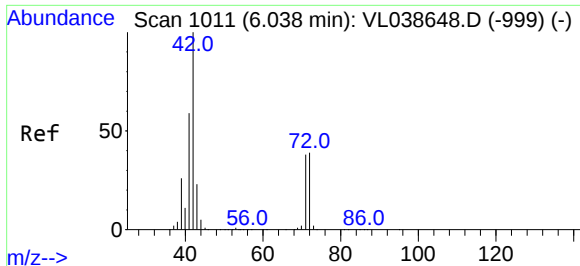


#40  
1,4-Dioxane  
Concen: 9.302 ppbv  
RT: 7.815 min Scan# 1564  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



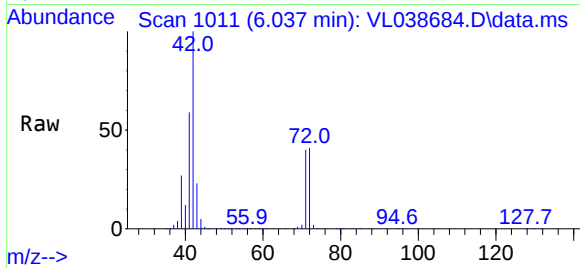
Tgt Ion: 88 Resp: 220412  
Ion Ratio Lower Upper  
88 100  
58 138.9 105.6 158.4  
43 283.4 201.9 302.9  
57 1335.3 942.1 1413.1





#41  
Tetrahydrofuran  
Concen: 10.229 ppbv  
RT: 6.037 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

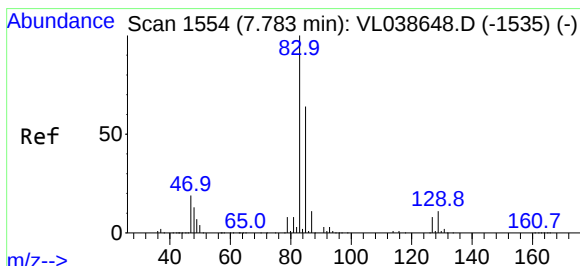
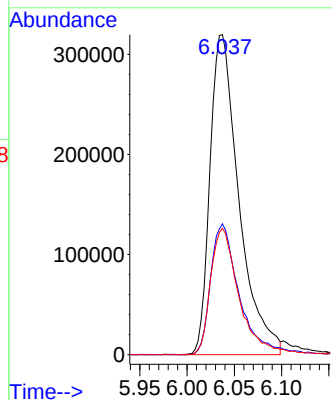
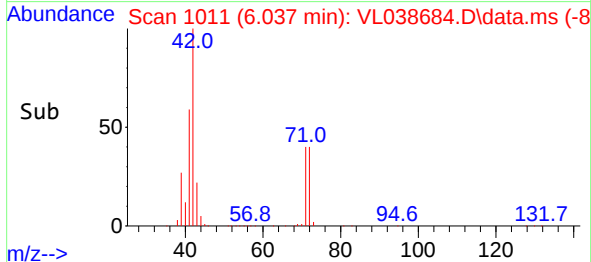
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



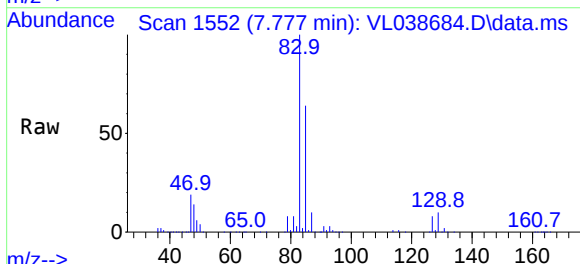
Tgt Ion: 42 Resp: 68144  
Ion Ratio Lower Upper  
42 100  
72 41.1 32.5 48.7  
71 39.4 31.4 47.2

Manual Integrations  
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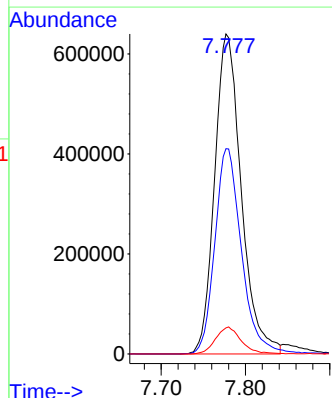
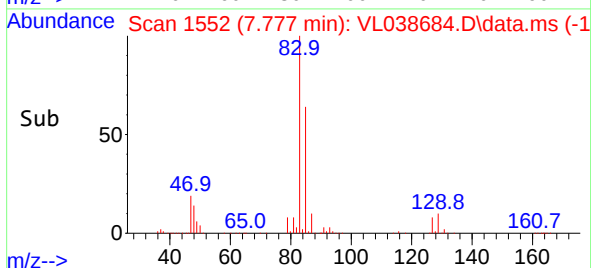
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

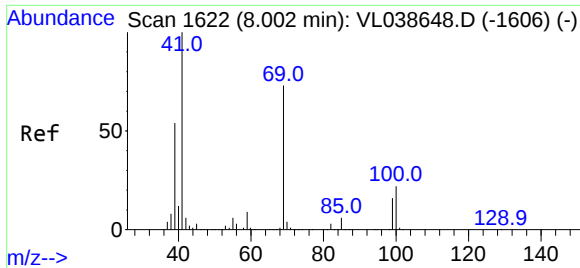


#42  
Bromodichloromethane  
Concen: 10.560 ppbv  
RT: 7.777 min Scan# 1552  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 83 Resp: 1405747  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.1 76.7  
127 8.1 6.5 9.7





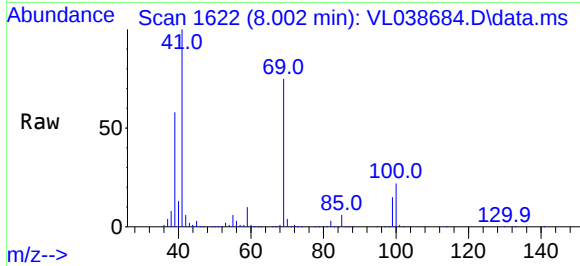
#43  
Methyl Methacrylate  
Concen: 11.048 ppbv  
RT: 8.002 min Scan# 1622  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :

MSVOA\_L

ClientSampleId :

VL0322ABS01

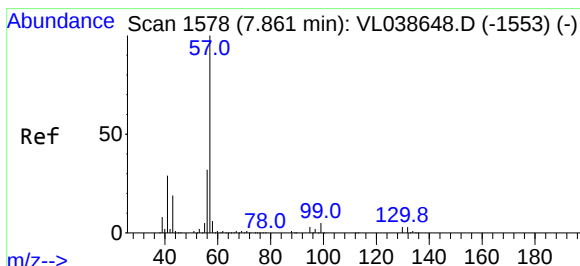
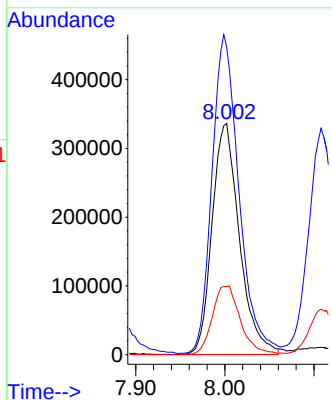
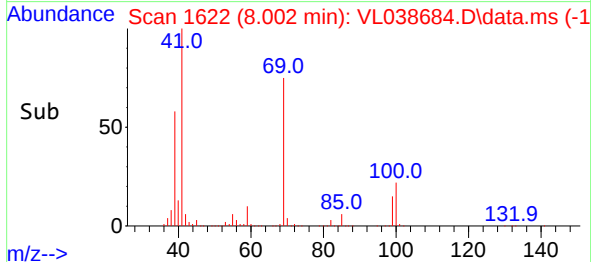


Tgt Ion: 69 Resp: 715968  
Ion Ratio Lower Upper  
69 100  
41 137.6 110.3 165.5  
100 30.7 24.8 37.2

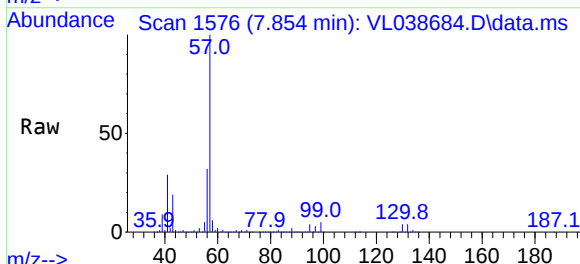
Manual Integrations

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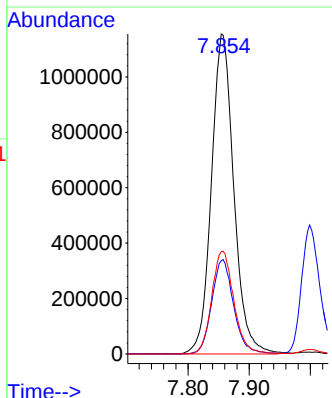
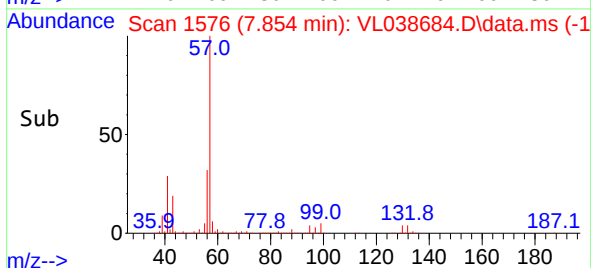
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

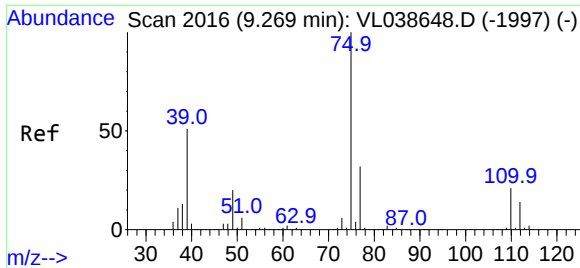


#44  
2,2,4-Trimethylpentane  
Concen: 10.022 ppbv  
RT: 7.854 min Scan# 1576  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 57 Resp: 2937070  
Ion Ratio Lower Upper  
57 100  
41 29.0 23.0 34.4  
56 31.7 25.3 37.9





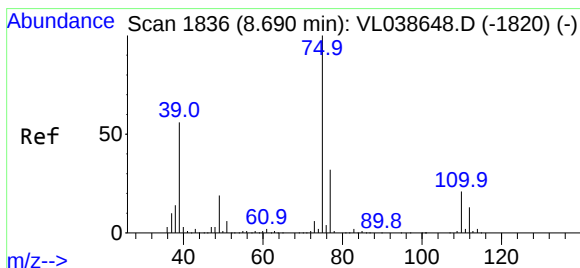
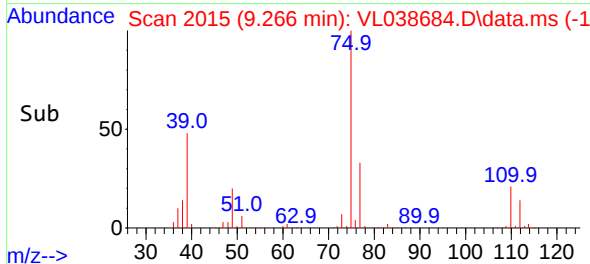
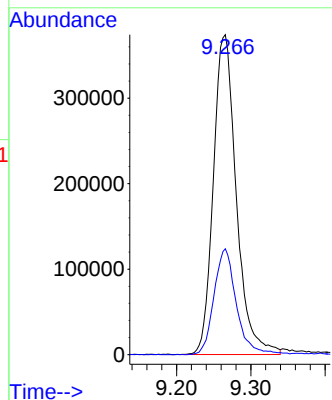
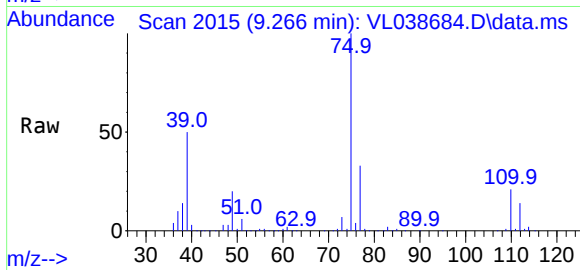
#45  
t-1,3-Dichloropropene  
Concen: 12.200 ppbv  
RT: 9.266 min Scan# 2016  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 75 Resp: 80386  
Ion Ratio Lower Upper  
75 100  
77 33.1 25.5 38.3

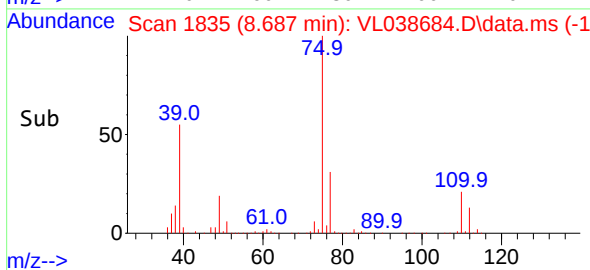
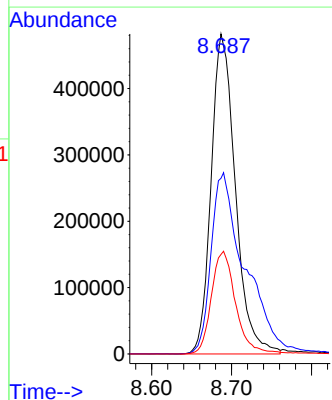
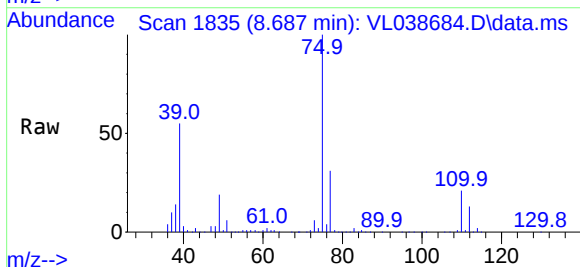
Manual Integrations  
APPROVED

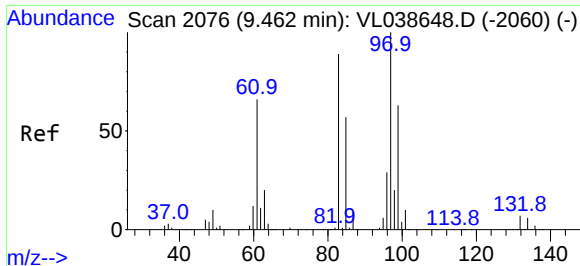
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#46  
cis-1,3-Dichloropropene  
Concen: 11.378 ppbv  
RT: 8.687 min Scan# 1835  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion: 75 Resp: 1013676  
Ion Ratio Lower Upper  
75 100  
39 54.9 44.8 67.2  
77 31.1 25.4 38.0





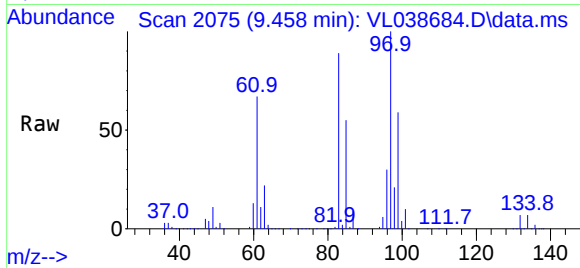
#47  
1,1,2-Trichloroethane  
Concen: 10.014 ppbv  
RT: 9.458 min Scan# 2075  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :

MSVOA\_L

ClientSampleId :

VL0322ABS01

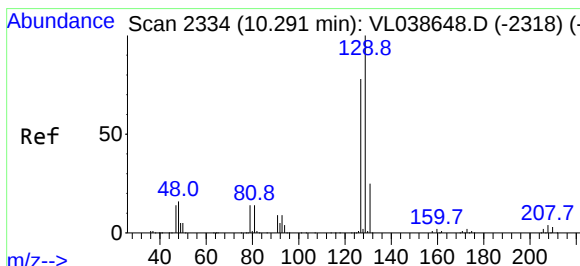
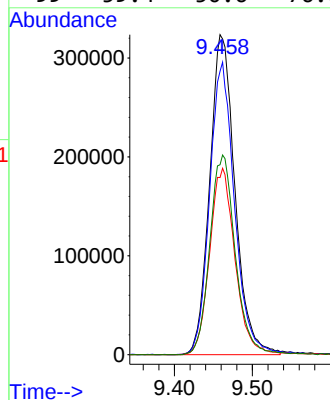
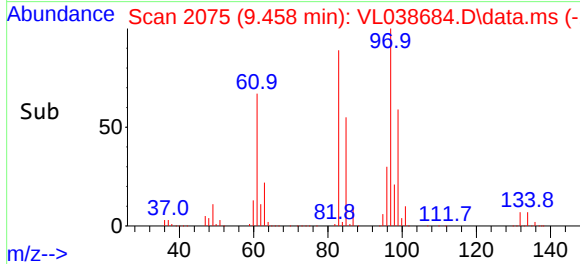


Tgt Ion: 97 Resp: 729539  
Ion Ratio Lower Upper  
97 100  
83 88.5 71.2 106.8  
85 55.2 45.3 67.9  
99 59.4 50.6 76.0

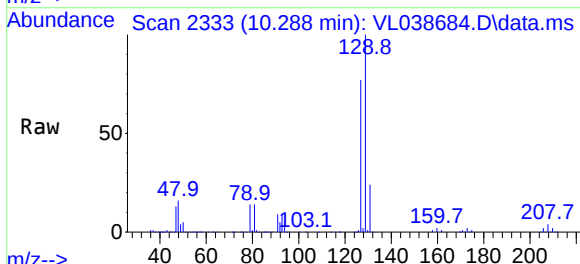
Manual Integrations

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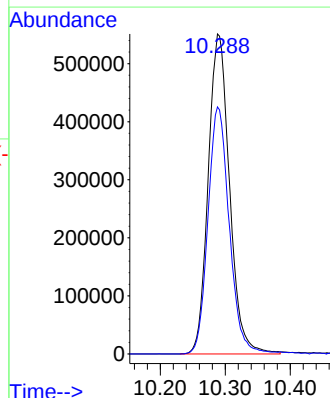
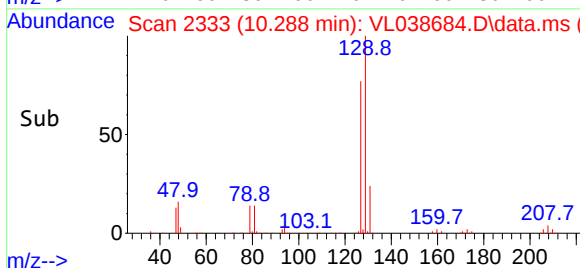
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

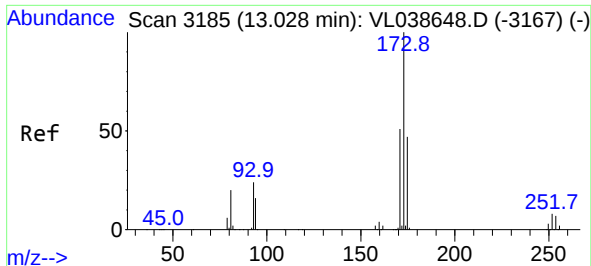


#48  
Dibromochloromethane  
Concen: 11.012 ppbv  
RT: 10.288 min Scan# 2333  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



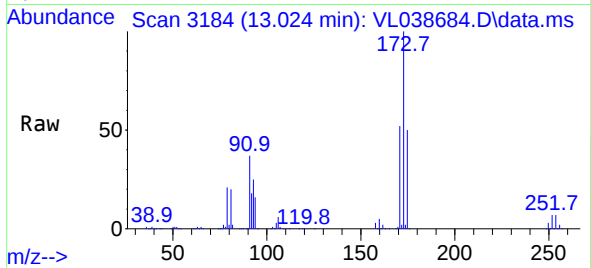
Tgt Ion:129 Resp: 1256630  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.5 118.5





#49  
Bromoform  
Concen: 10.917 ppbv  
RT: 13.024 min Scan# 3185  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

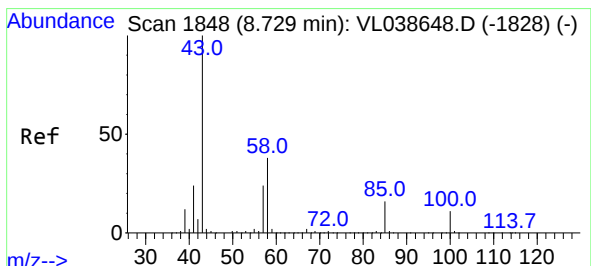
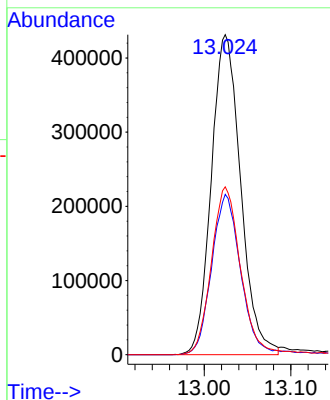
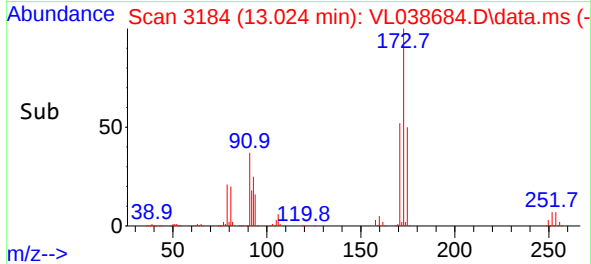
Instrument : MSVOA\_L  
ClientSampleId : VL0322ABS01



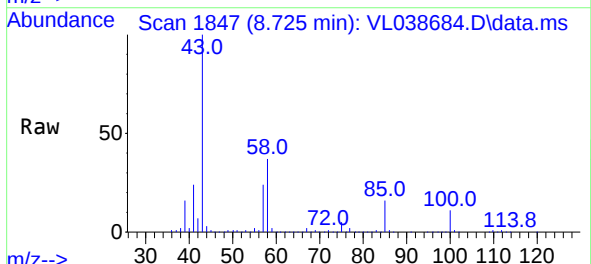
Tgt Ion:173 Resp: 1015360  
Ion Ratio Lower Upper  
173 100  
175 50.4 41.0 61.6  
171 53.6 43.1 64.7

Manual Integrations  
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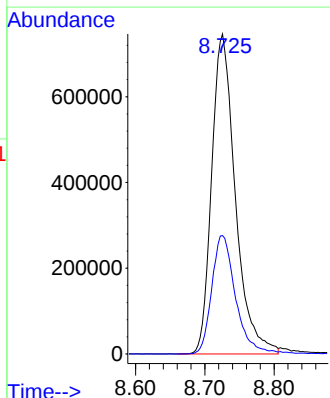
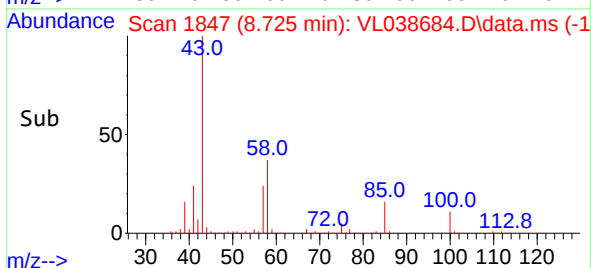
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

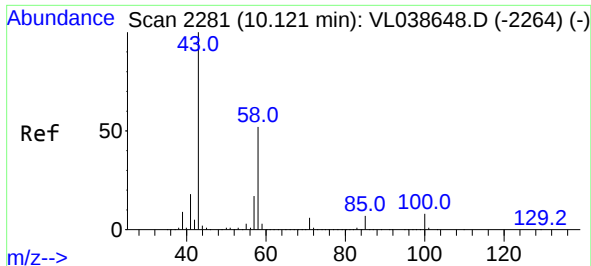


#50  
4-Methyl-2-Pentanone  
Concen: 10.638 ppbv  
RT: 8.725 min Scan# 1847  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 43 Resp: 1770303  
Ion Ratio Lower Upper  
43 100  
58 37.7 29.9 44.9





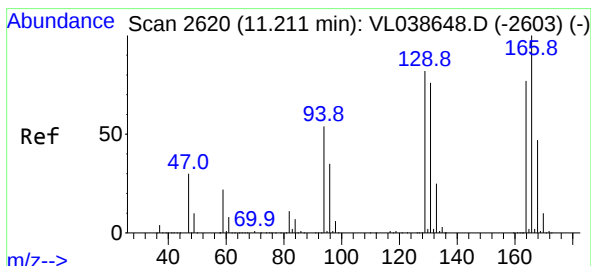
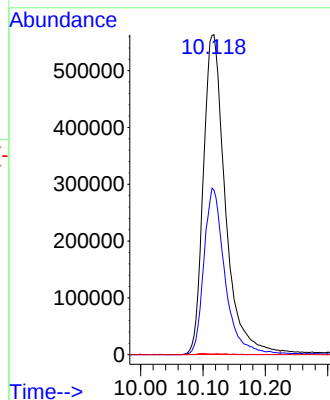
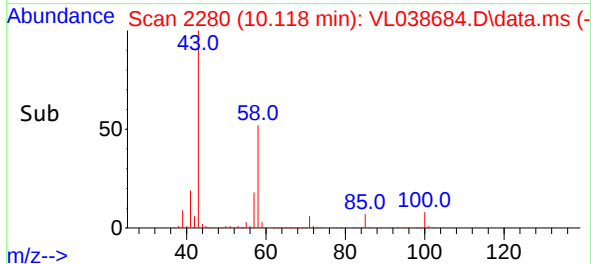
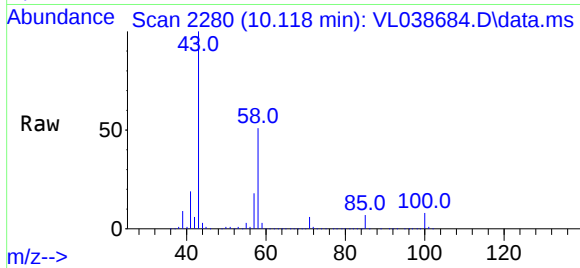
#51  
2-Hexanone  
Concen: 11.525 ppbv  
RT: 10.118 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 43 Resp: 1377679  
Ion Ratio Lower Upper  
43 100  
58 50.6 41.2 61.8  
98 0.5 0.2 0.4

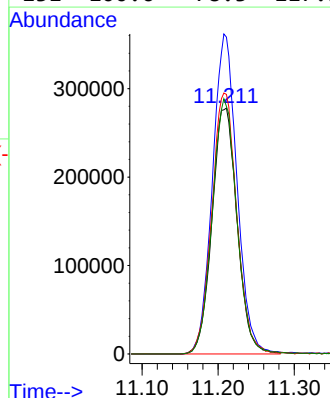
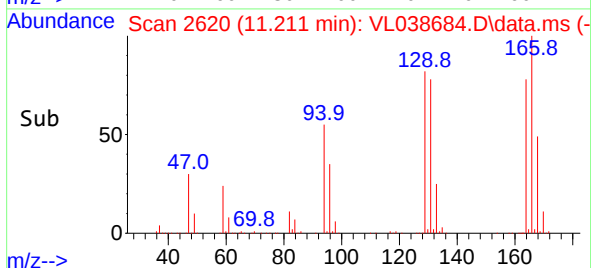
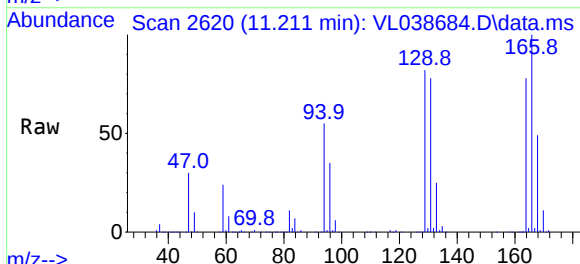
Manual Integrations  
APPROVED

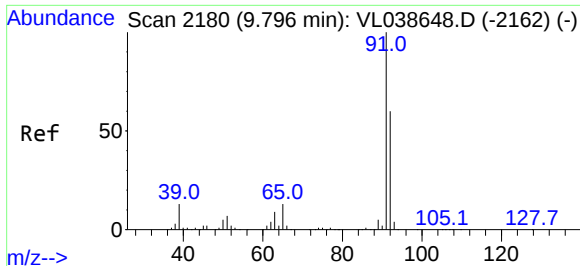
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#52  
Tetrachloroethene  
Concen: 9.974 ppbv  
RT: 11.211 min Scan# 2620  
Delta R.T. -0.000 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion:164 Resp: 637101  
Ion Ratio Lower Upper  
164 100  
166 128.8 103.3 154.9  
129 105.5 85.2 127.8  
131 100.6 78.3 117.5





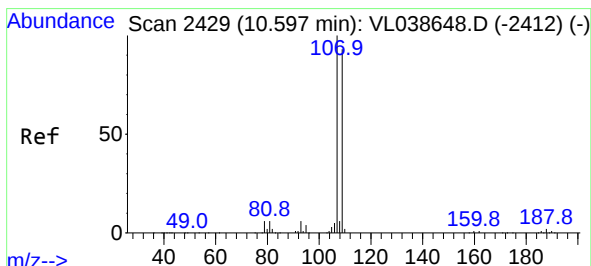
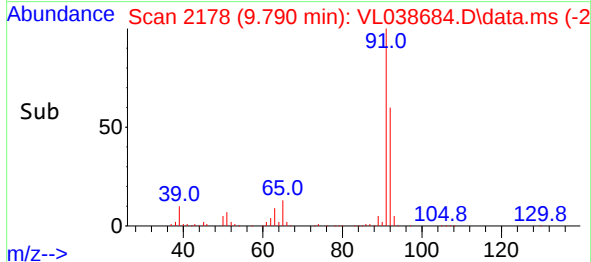
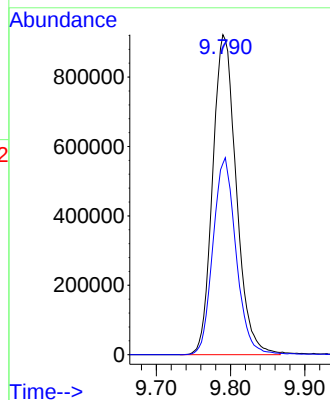
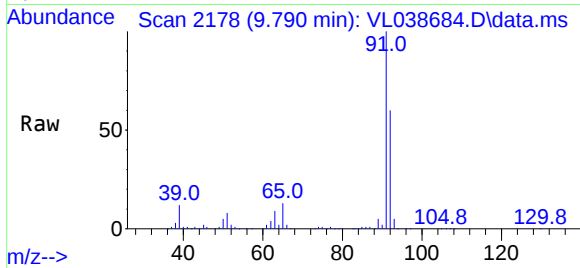
#53  
Toluene  
Concen: 10.844 ppbv  
RT: 9.790 min Scan# 2180  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 91 Resp: 2033824  
Ion Ratio Lower Upper  
91 100  
92 60.5 48.7 73.1

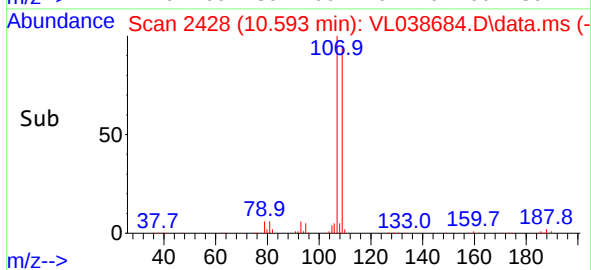
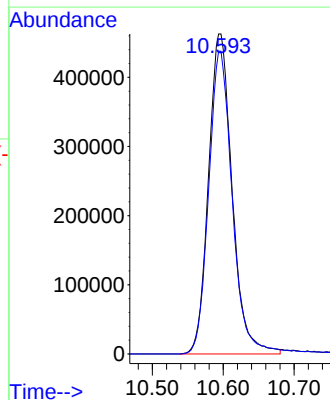
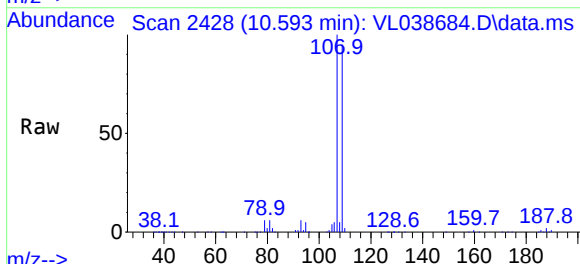
Manual Integrations  
APPROVED

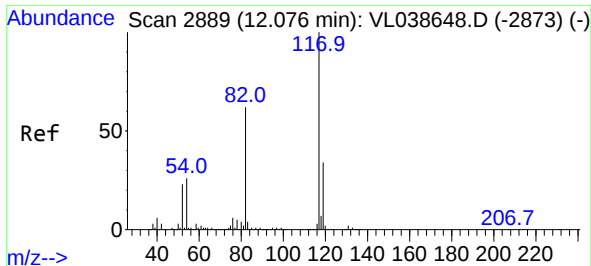
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#54  
1,2-Dibromoethane  
Concen: 10.776 ppbv  
RT: 10.593 min Scan# 2428  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion:107 Resp: 1071941  
Ion Ratio Lower Upper  
107 100  
109 94.6 74.1 111.1





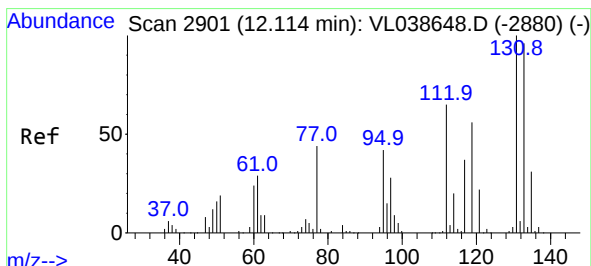
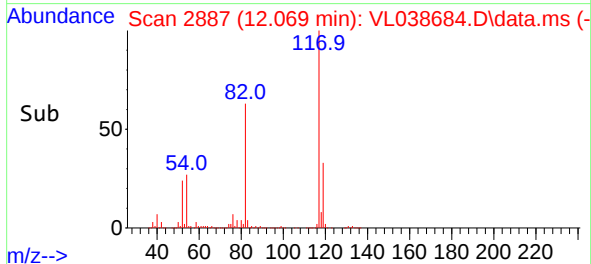
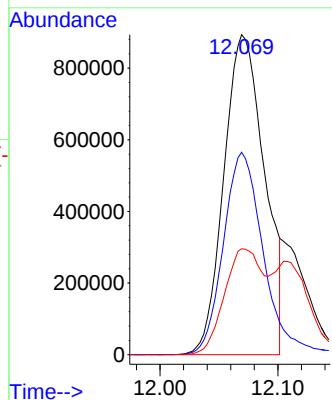
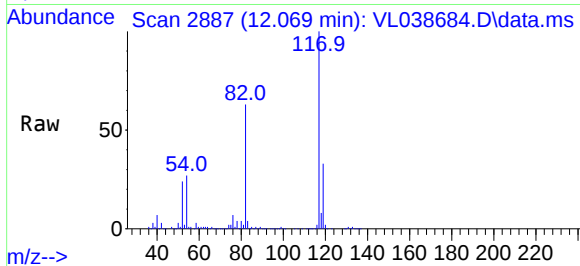
#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv m  
RT: 12.069 min Scan# 214225  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:117 Resp: 214225  
Ion Ratio Lower Upper  
117 100  
82 63.7 51.6 77.4  
119 31.7 26.9 40.3

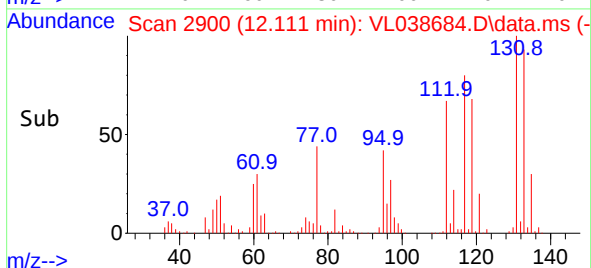
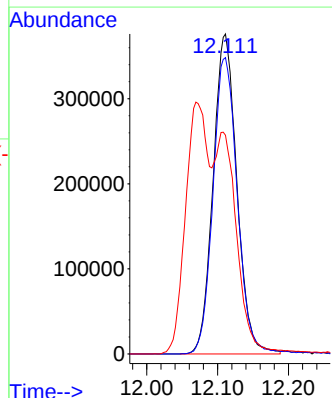
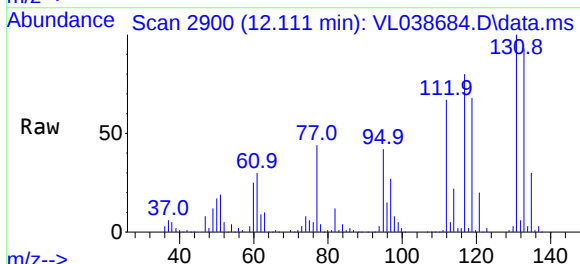
Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

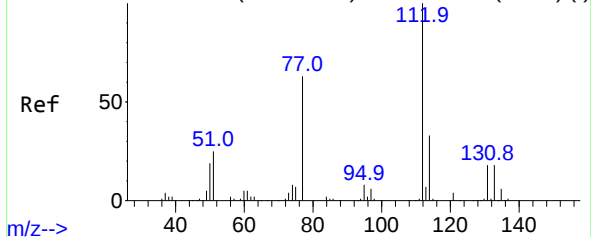


#56  
1,1,1,2-Tetrachloroethane  
Concen: 9.853 ppbv  
RT: 12.111 min Scan# 2900  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

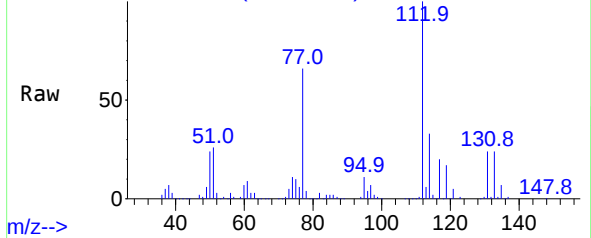
Tgt Ion:131 Resp: 875132  
Ion Ratio Lower Upper  
131 100  
133 95.8 77.3 115.9  
119 64.6 53.0 79.6



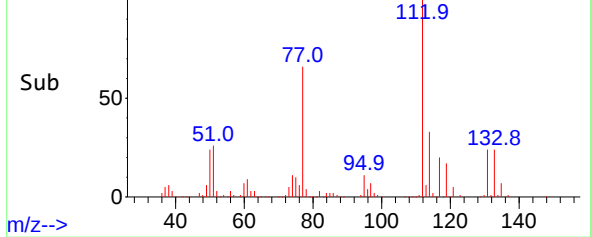
Abundance Scan 2908 (12.137 min): VL038648.D (-2888) (-)



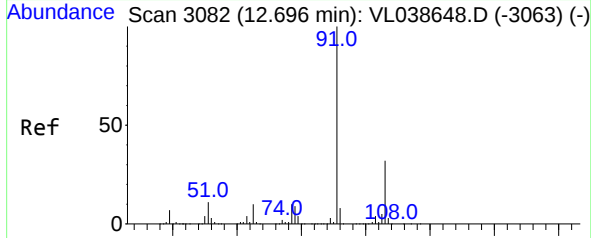
m/z-->



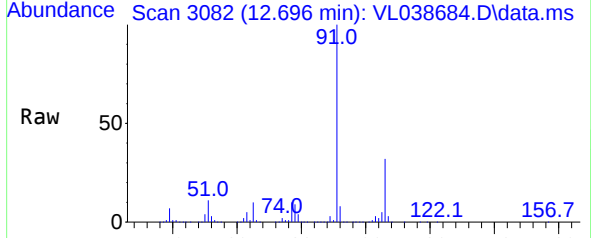
m/z-->



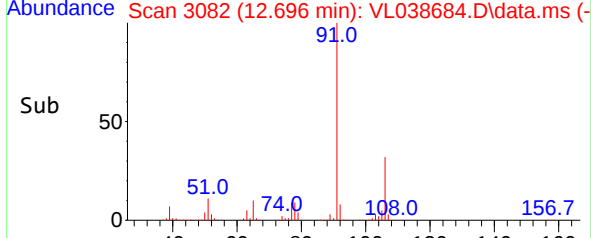
m/z-->



m/z-->



m/z-->



m/z-->

#57

Chlorobenzene

Concen: 9.689 ppbv

RT: 12.130 min Scan# 2906

Delta R.T. -0.007 min

Lab File: VL038648.D

Acq: 22 Mar 2022 14:39

Tgt Ion:112 Resp: 1497034

Ion Ratio Lower Upper

112 100

77 65.7 51.0 76.6

114 33.3 29.8 36.4

Instrument :

MSVOA\_L

ClientSampleId :

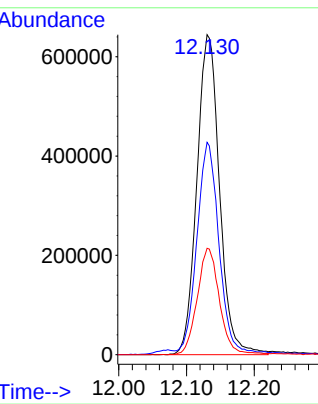
VL0322ABS01

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#58

Ethyl Benzene

Concen: 10.448 ppbv

RT: 12.696 min Scan# 3082

Delta R.T. -0.000 min

Lab File: VL038648.D

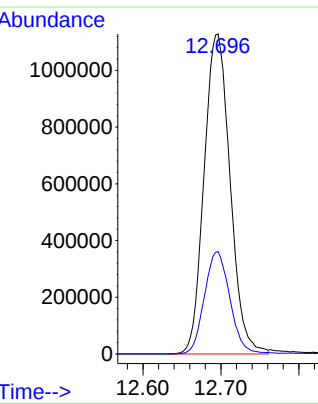
Acq: 22 Mar 2022 14:39

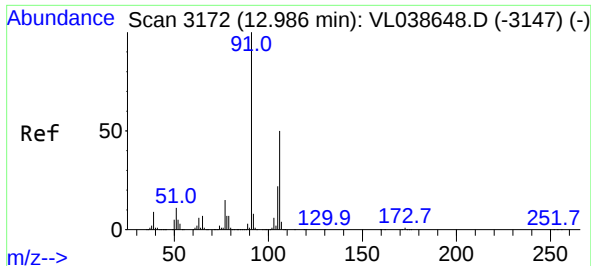
Tgt Ion: 91 Resp: 2616586

Ion Ratio Lower Upper

91 100

106 32.0 25.4 38.0





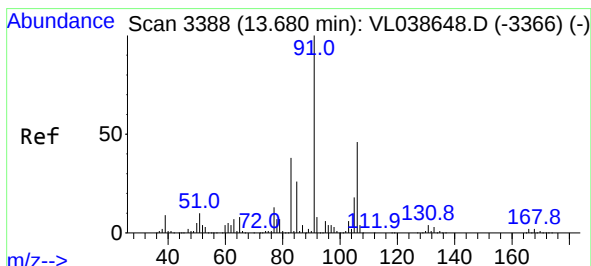
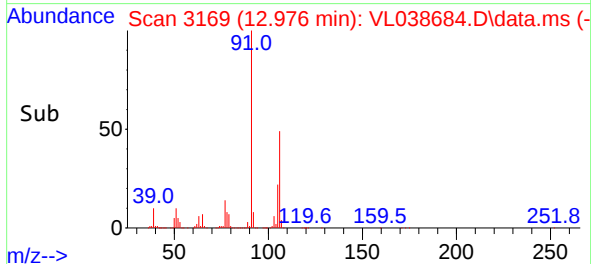
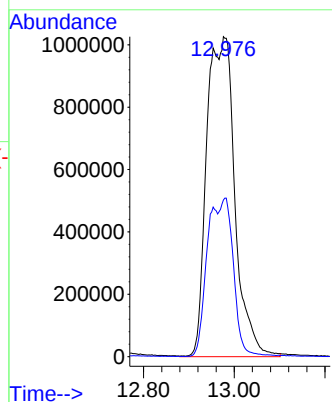
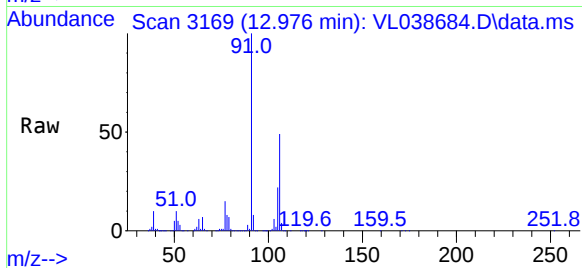
#59  
m/p-Xylene  
Concen: 20.207 ppbv m  
RT: 12.976 min Scan# 3172  
Delta R.T. -0.010 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion: 91 Resp: 4426700  
Ion Ratio Lower Upper  
91 100  
106 46.0 37.2 55.8

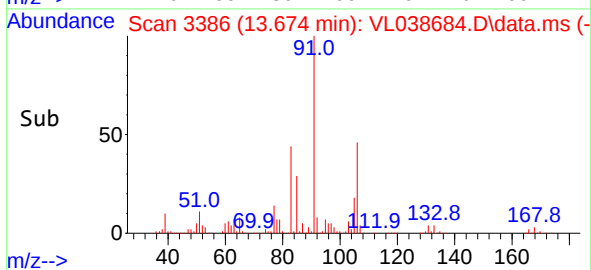
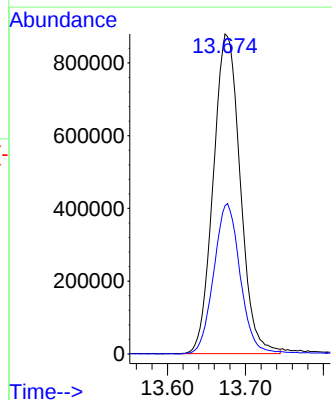
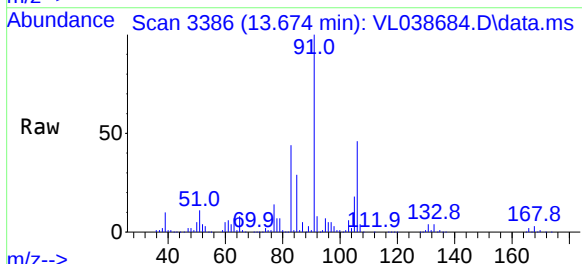
Manual Integrations  
APPROVED

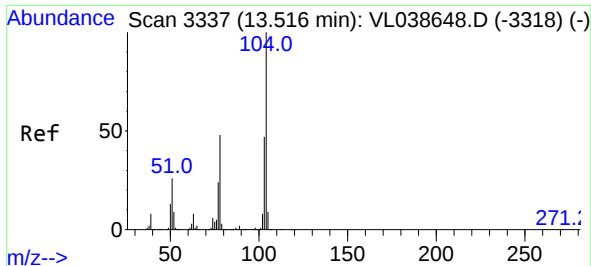
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#60  
o-Xylene  
Concen: 10.151 ppbv  
RT: 13.674 min Scan# 3386  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion: 91 Resp: 2111443  
Ion Ratio Lower Upper  
91 100  
106 46.7 23.5 70.5





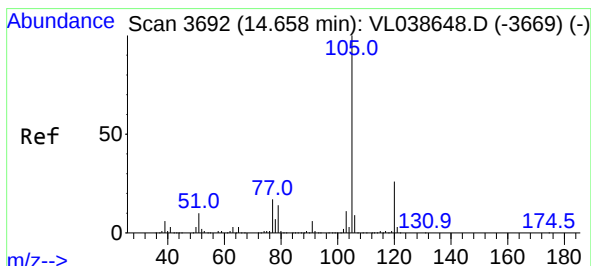
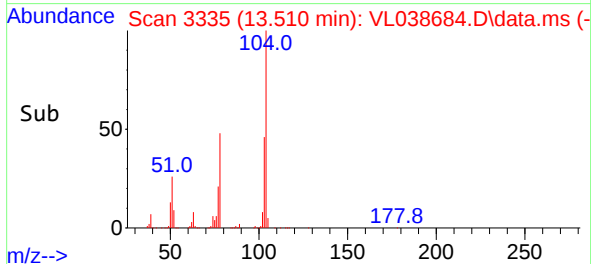
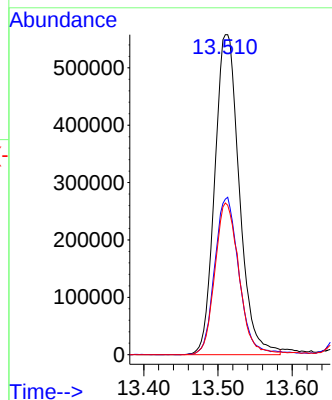
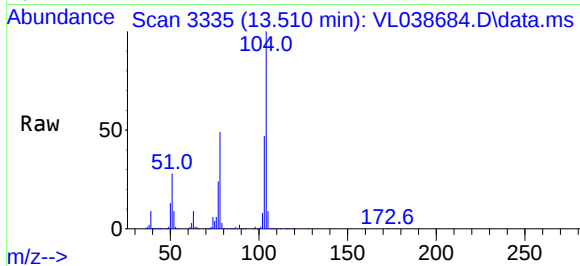
#61  
Styrene  
Concen: 11.403 ppbv  
RT: 13.510 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:104 Resp: 128620  
Ion Ratio Lower Upper  
104 100  
78 48.8 39.0 58.4  
103 47.1 37.8 56.8

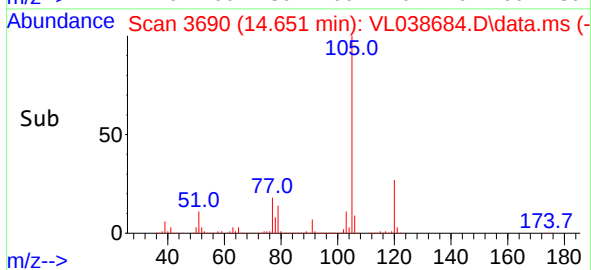
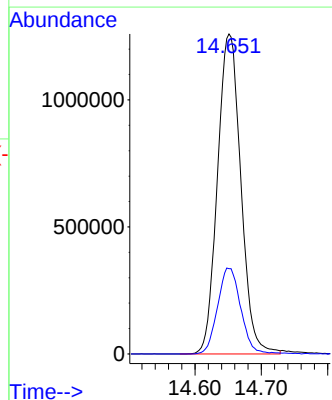
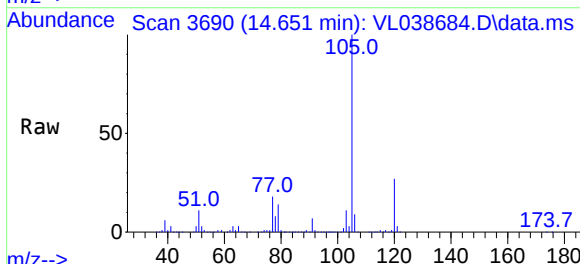
Manual Integrations  
APPROVED

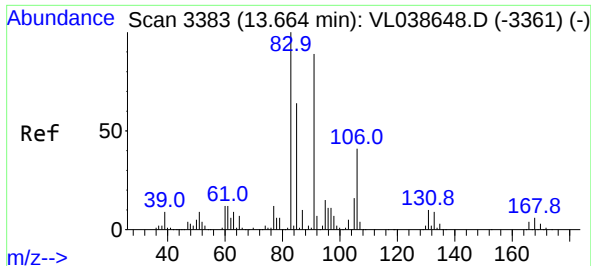
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#62  
Isopropylbenzene  
Concen: 9.854 ppbv  
RT: 14.651 min Scan# 3690  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

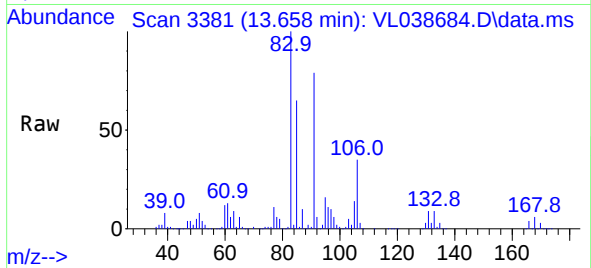
Tgt Ion:105 Resp: 3081490  
Ion Ratio Lower Upper  
105 100  
120 26.8 21.2 31.8





#63  
1,1,2,2-Tetrachloroethane  
Concen: 8.617 ppbv  
RT: 13.658 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

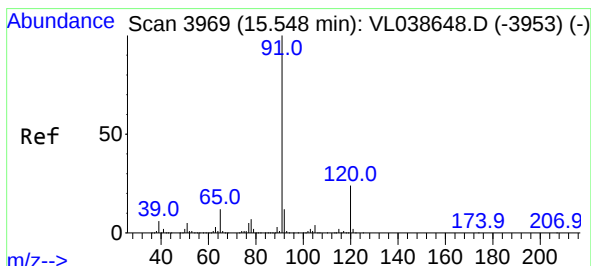
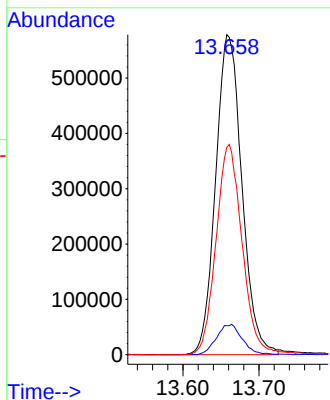
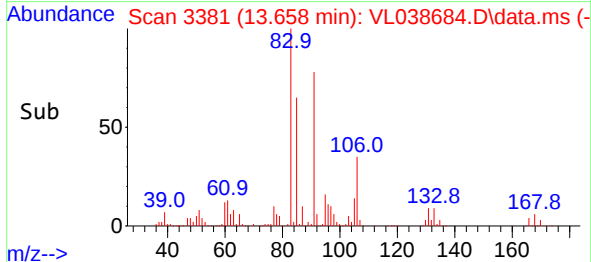
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



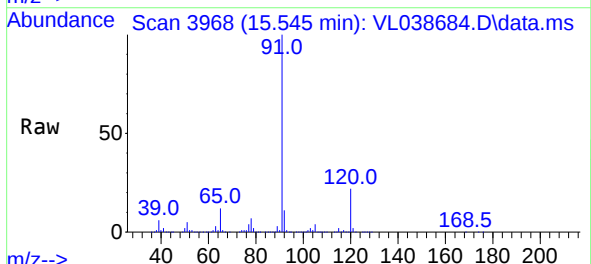
Tgt Ion: 83 Resp: 138846  
Ion Ratio Lower Upper  
83 100  
131 9.3 4.8 14.3  
85 65.9 32.6 97.8

Manual Integrations  
APPROVED

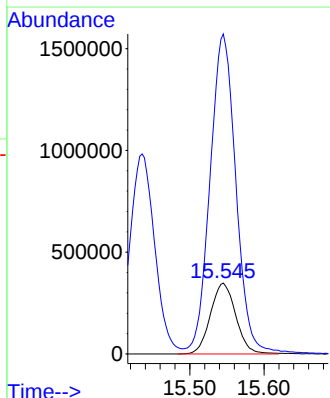
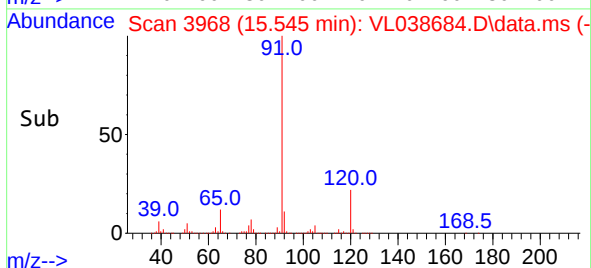
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

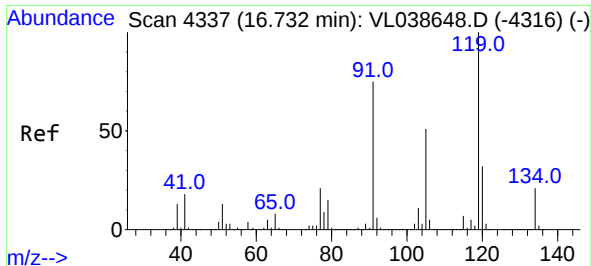


#64  
n-propylbenzene  
Concen: 10.057 ppbv  
RT: 15.545 min Scan# 3968  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



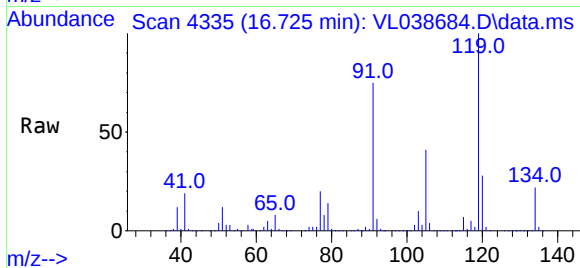
Tgt Ion:120 Resp: 825262  
Ion Ratio Lower Upper  
120 100  
91 462.8 368.0 552.0





#65  
tert-Butylbenzene  
Concen: 9.640 ppbv  
RT: 16.725 min Scan# 411  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

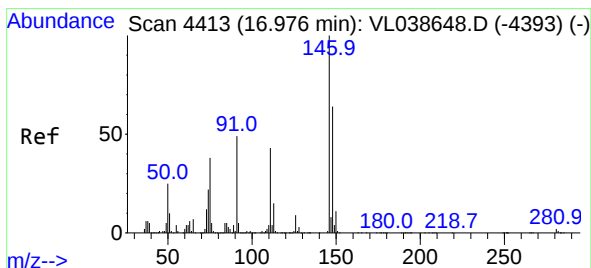
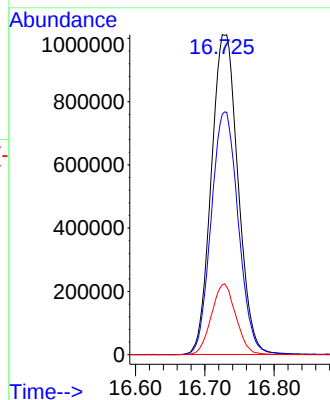
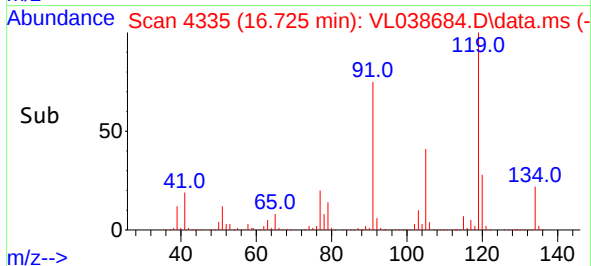
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



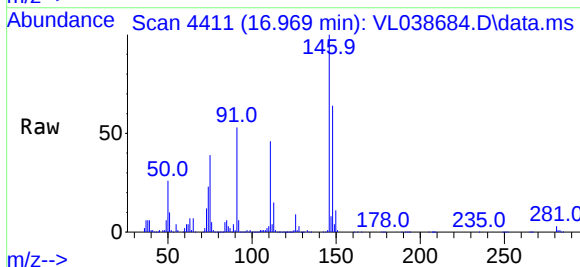
Tgt Ion: 119 Resp: 270865  
Ion Ratio Lower Upper  
119 100  
91 77.1 61.2 91.8  
134 20.3 16.3 24.5

Manual Integrations  
APPROVED

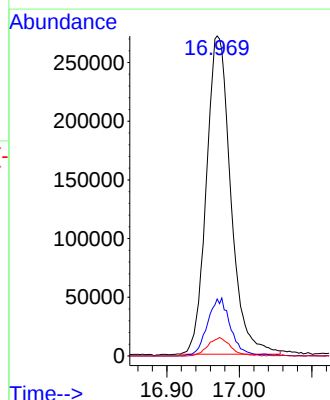
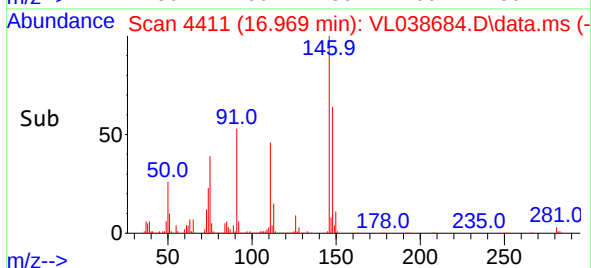
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

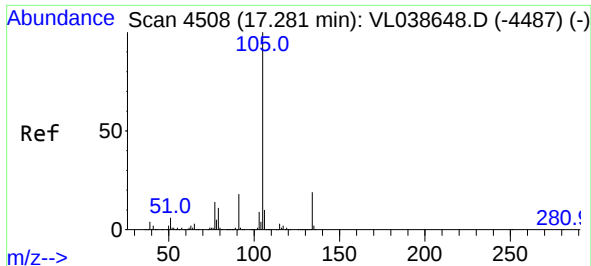


#66  
Benzyl Chloride  
Concen: 11.918 ppbv  
RT: 16.969 min Scan# 4411  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion: 91 Resp: 634084  
Ion Ratio Lower Upper  
91 100  
126 17.4 14.3 21.5  
128 5.4 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.673 ppbv

RT: 17.275 min Scan# 4506

Delta R.T. -0.007 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

Instrument :

MSVOA\_L

ClientSampleId :

VL0322ABS01

Tgt Ion:105 Resp: 388706

Ion Ratio Lower Upper

105 100

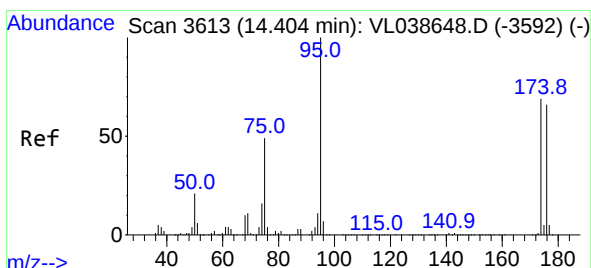
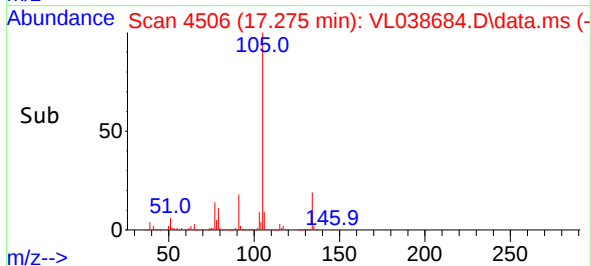
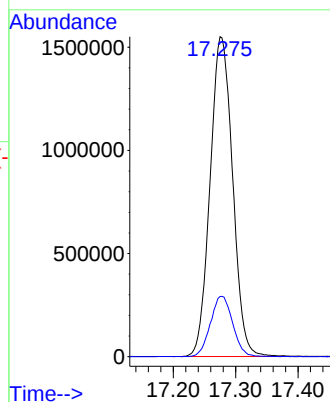
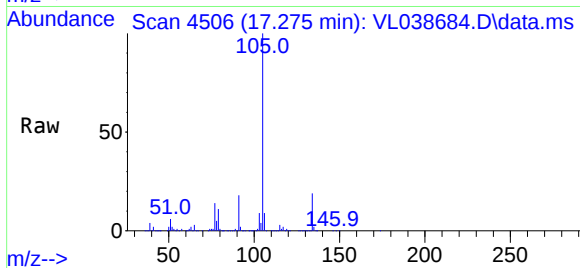
134 18.8 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/23/2022

Supervised By :Mahesh Dadoda 03/25/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.309 ppbv

RT: 14.400 min Scan# 3612

Delta R.T. -0.003 min

Lab File: VL038684.D

Acq: 22 Mar 2022 14:39

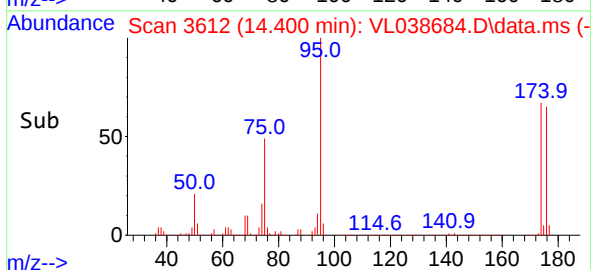
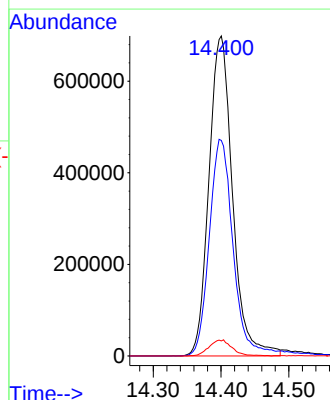
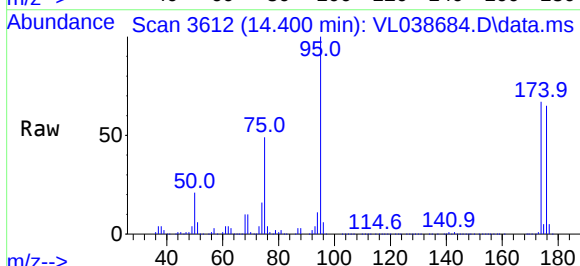
Tgt Ion: 95 Resp: 1693110

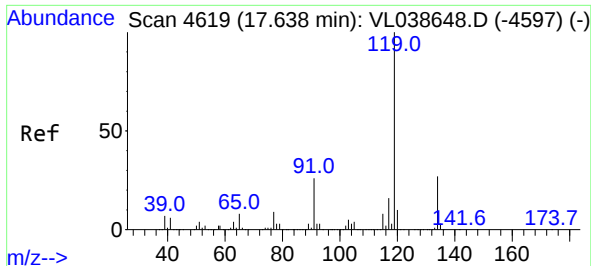
Ion Ratio Lower Upper

95 100

174 70.0 56.1 84.1

175 4.9 4.2 6.2





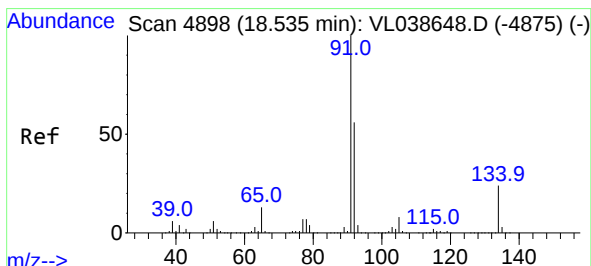
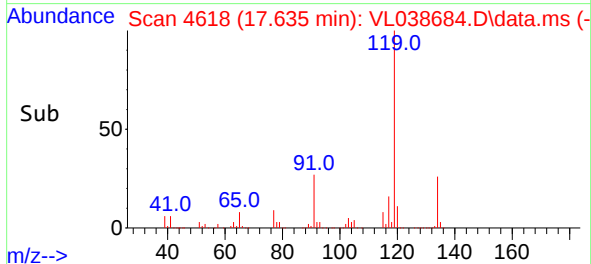
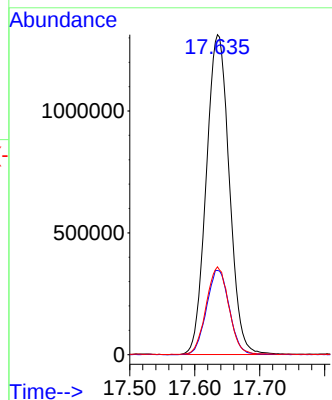
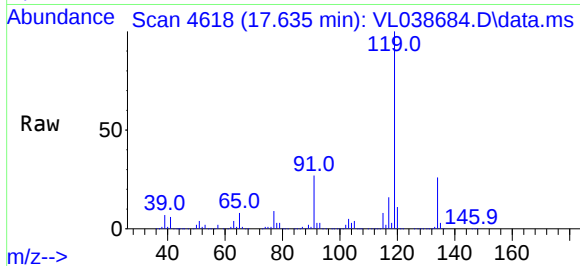
#69  
p-Isopropyltoluene  
Concen: 9.857 ppbv  
RT: 17.635 min Scan# 4619  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:119 Resp: 323266  
Ion Ratio Lower Upper  
119 100  
134 26.3 21.2 31.8  
91 27.0 21.4 32.2

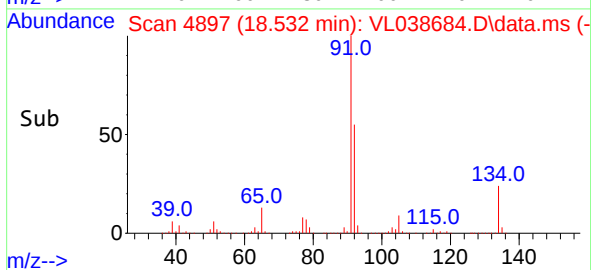
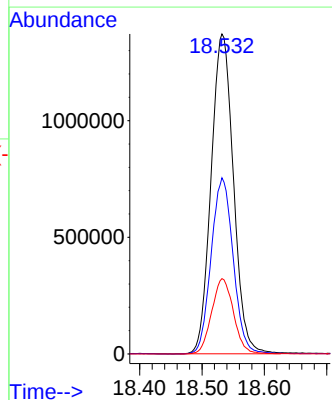
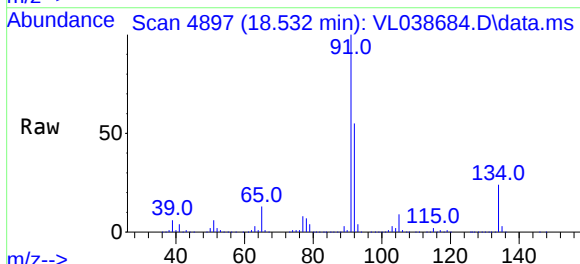
Manual Integrations  
APPROVED

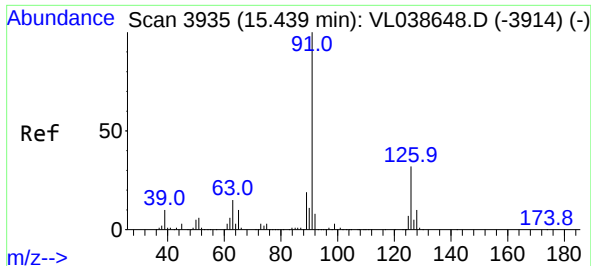
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#70  
n-Butylbenzene  
Concen: 10.080 ppbv  
RT: 18.532 min Scan# 4897  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Tgt Ion: 91 Resp: 3409601  
Ion Ratio Lower Upper  
91 100  
92 54.6 43.9 65.9  
134 23.2 18.7 28.1





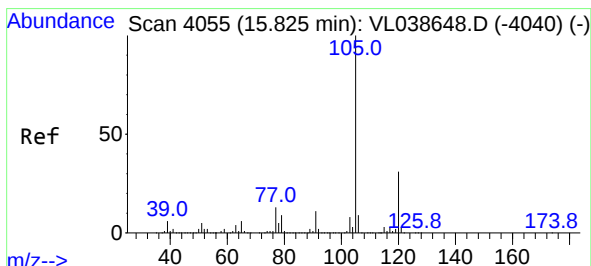
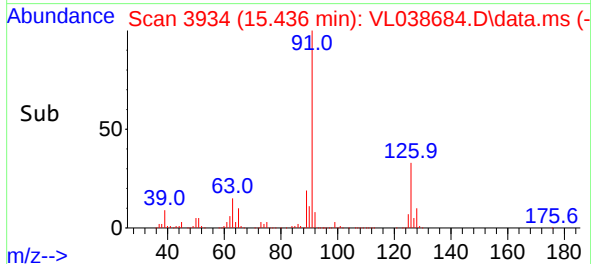
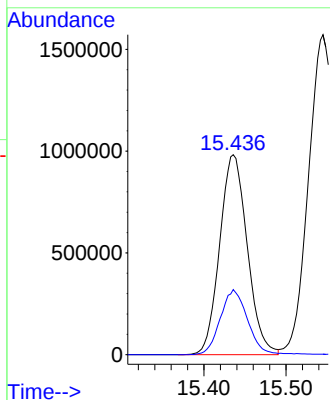
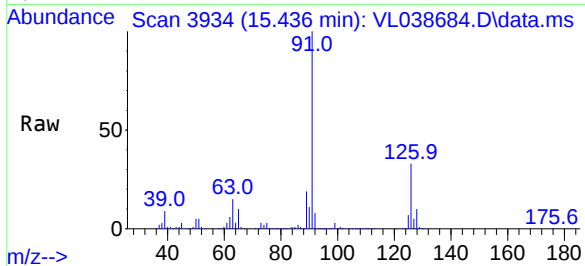
#71  
2-Chlorotoluene  
Concen: 9.906 ppbv  
RT: 15.436 min Scan# 3935  
Delta R.T. -0.003 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

Instrument : MSVOA\_L  
ClientSampleId : VL0322ABS01

Tgt Ion: 91 Resp: 2299249  
Ion Ratio Lower Upper  
91 100  
126 32.7 13.1 52.3

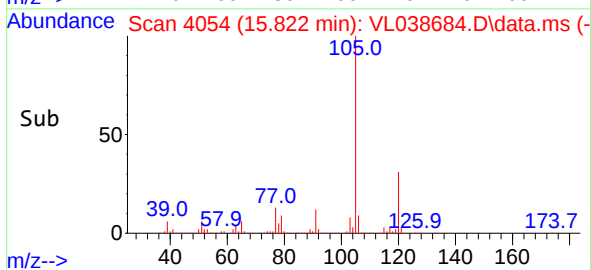
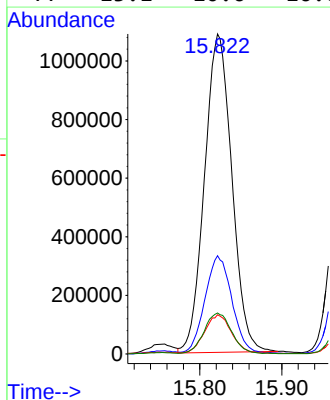
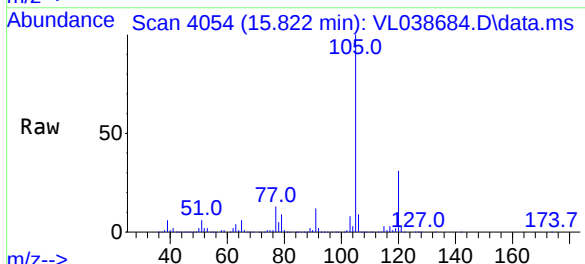
Manual Integrations  
APPROVED

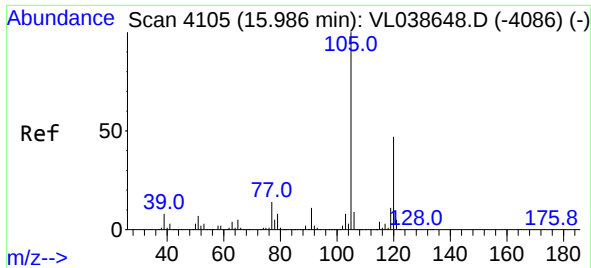
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#72  
4-Ethyltoluene  
Concen: 10.266 ppbv  
RT: 15.822 min Scan# 4054  
Delta R.T. -0.003 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

Tgt Ion:105 Resp: 2520741  
Ion Ratio Lower Upper  
105 100  
120 31.0 24.9 37.3  
91 12.2 9.8 14.6  
77 13.1 10.6 16.0





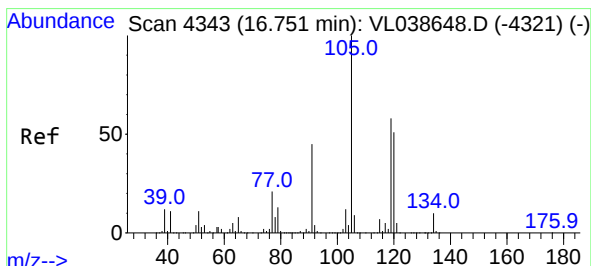
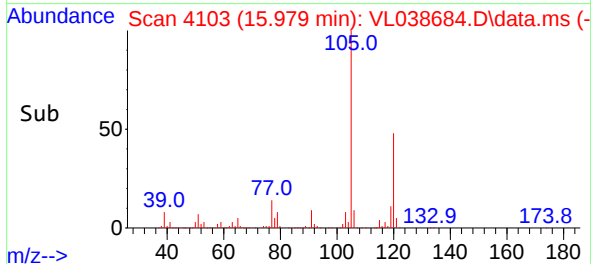
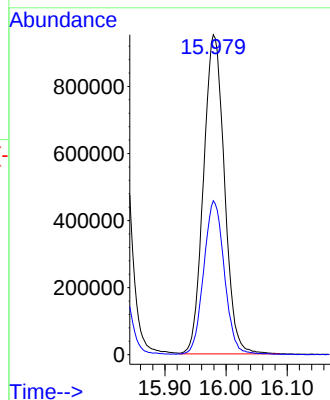
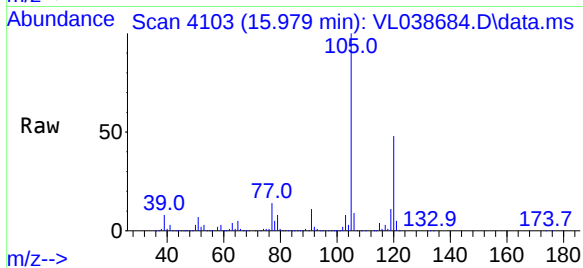
#73  
1,3,5-Trimethylbenzene  
Concen: 10.109 ppbv  
RT: 15.979 min Scan# 4105  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:105 Resp: 226183  
Ion Ratio Lower Upper  
105 100  
120 48.0 37.6 56.4

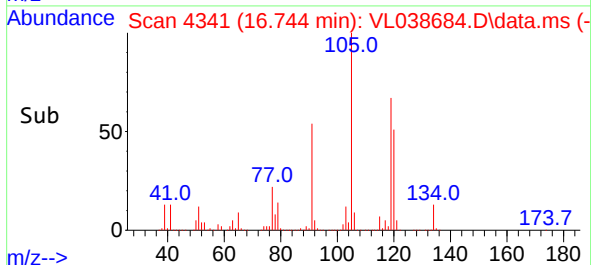
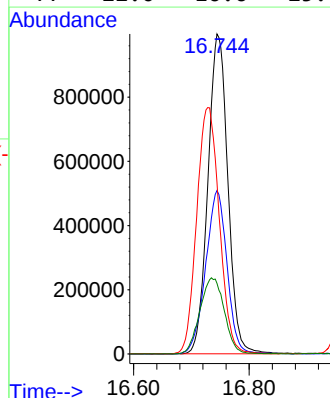
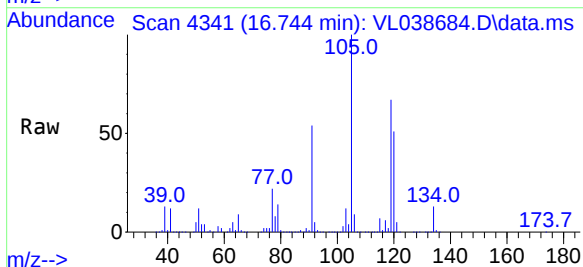
Manual Integrations  
APPROVED

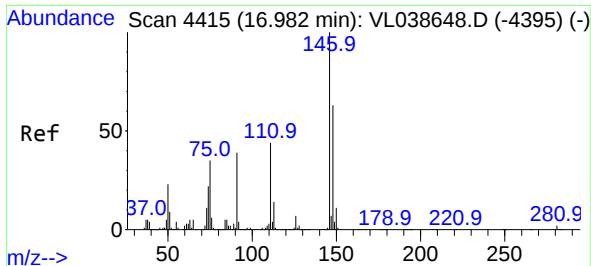
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#74  
1,2,4-Trimethylbenzene  
Concen: 9.796 ppbv  
RT: 16.744 min Scan# 4341  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

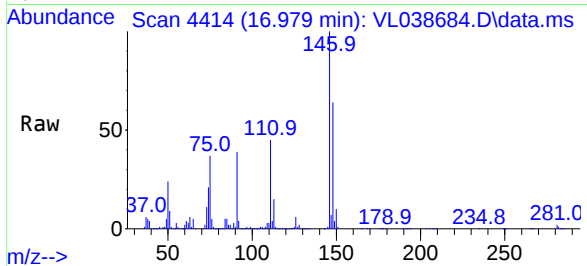
Tgt Ion:105 Resp: 2387385  
Ion Ratio Lower Upper  
105 100  
120 51.0 40.5 60.7  
91 53.5 35.9 53.9  
77 22.0 16.6 25.0





#75  
1,3-Dichlorobenzene  
Concen: 9.438 ppbv  
RT: 16.979 min Scan# 4414  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

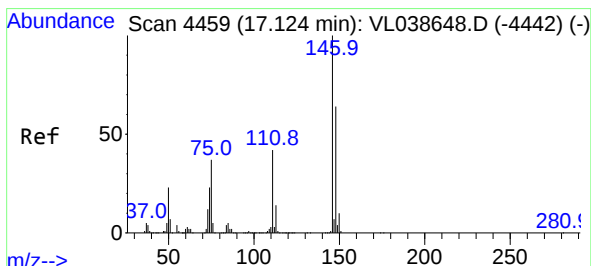
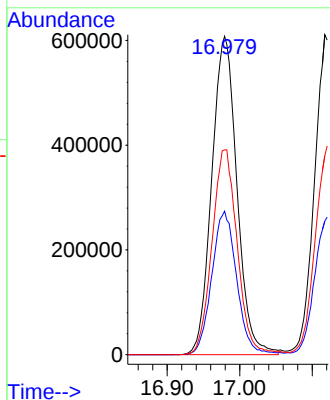
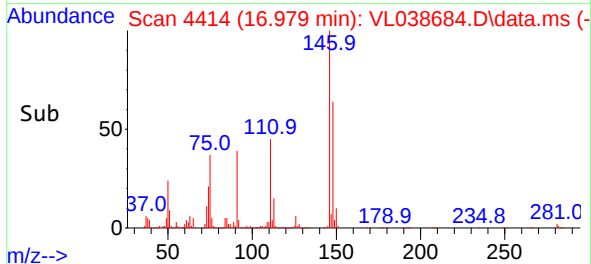
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



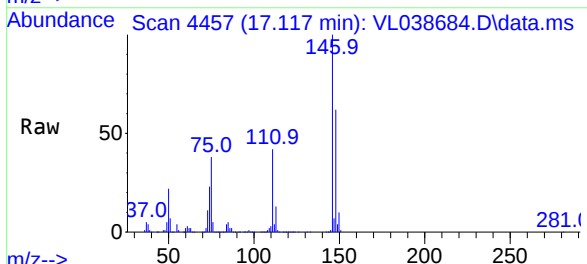
Tgt Ion:146 Resp: 146508  
Ion Ratio Lower Upper  
146 100  
111 44.7 22.2 66.6  
148 64.6 32.5 97.5

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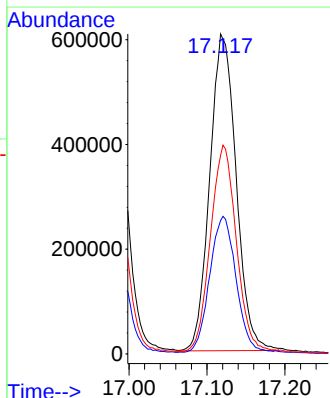
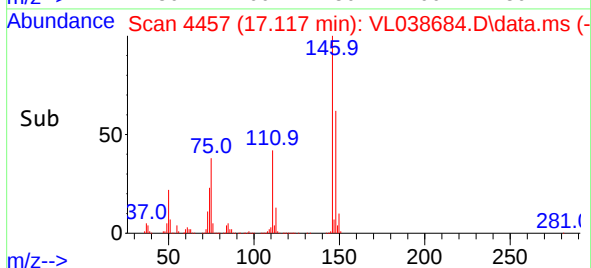
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

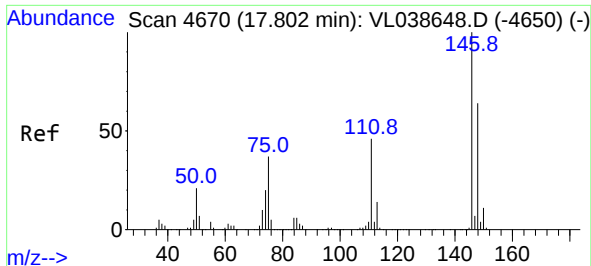


#76  
1,4-Dichlorobenzene  
Concen: 9.235 ppbv  
RT: 17.117 min Scan# 4457  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



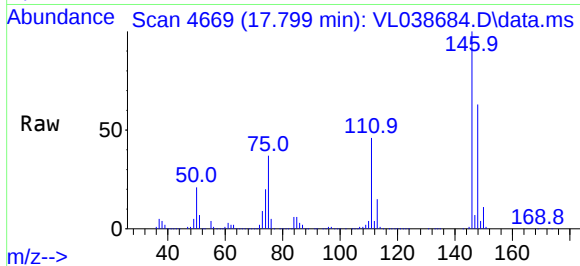
Tgt Ion:146 Resp: 1425738  
Ion Ratio Lower Upper  
146 100  
111 44.4 21.4 64.2  
148 66.6 32.1 96.3





#77  
1,2-Dichlorobenzene  
Concen: 9.427 ppbv  
RT: 17.799 min Scan# 4669  
Delta R.T. -0.003 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39

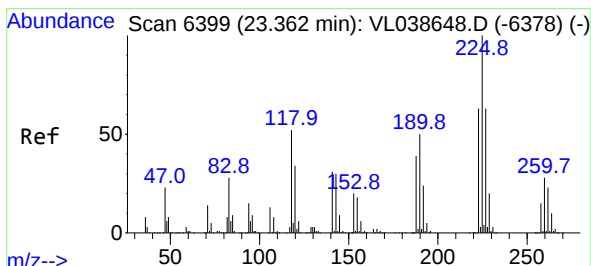
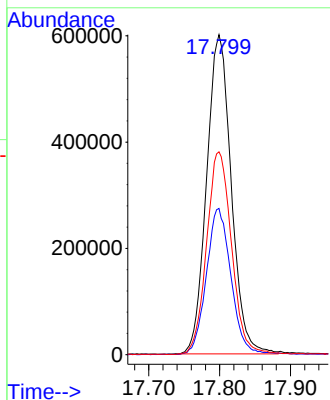
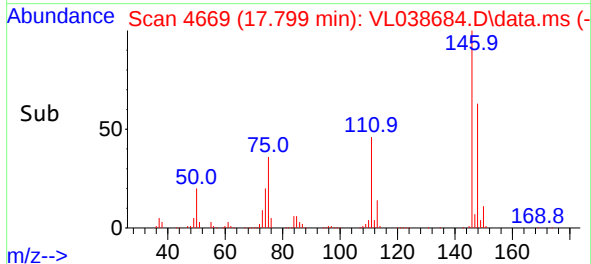
Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01



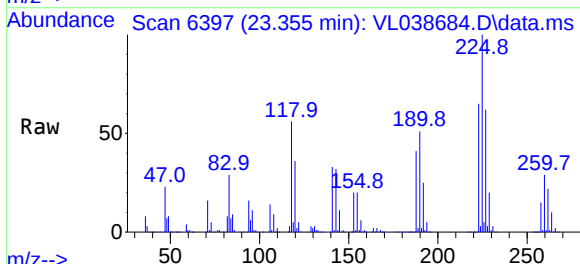
Tgt Ion:146 Resp: 144963  
Ion Ratio Lower Upper  
146 100  
111 46.7 22.8 68.4  
148 64.8 32.5 97.4

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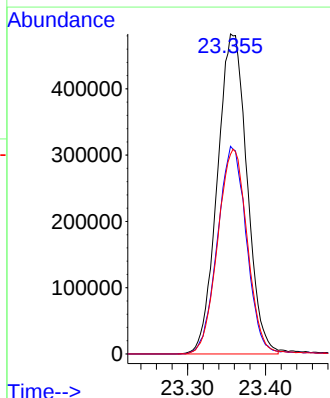
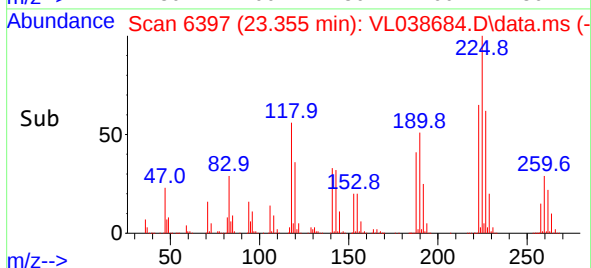
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022

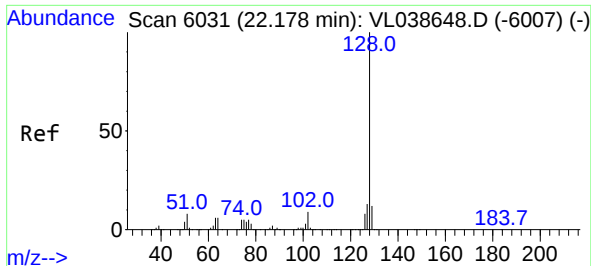


#78  
Hexachloro-1,3-Butadiene  
Concen: 8.978 ppbv  
RT: 23.355 min Scan# 6397  
Delta R.T. -0.007 min  
Lab File: VL038684.D  
Acq: 22 Mar 2022 14:39



Tgt Ion:225 Resp: 1276046  
Ion Ratio Lower Upper  
225 100  
223 64.1 51.0 76.6  
227 64.6 51.5 77.3





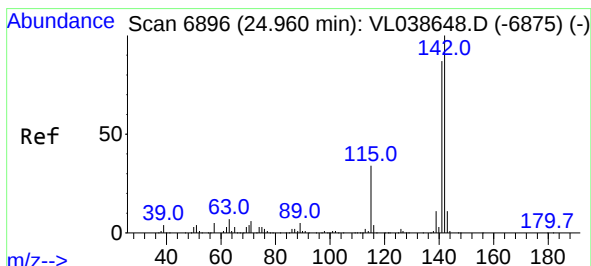
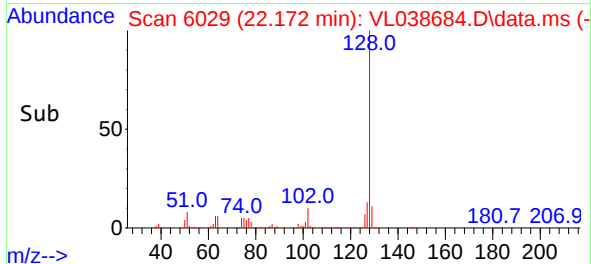
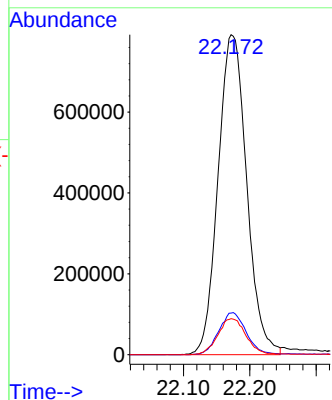
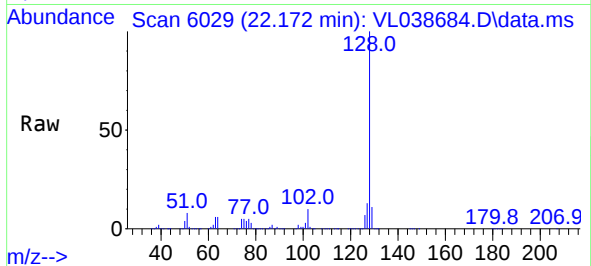
#79  
Naphthalene  
Concen: 12.739 ppbv  
RT: 22.172 min Scan# 6031  
Delta R.T. -0.007 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0322ABS01

Tgt Ion:128 Resp: 237206  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.2 15.4  
129 11.3 9.2 13.8

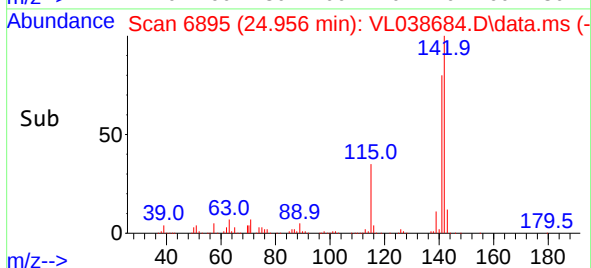
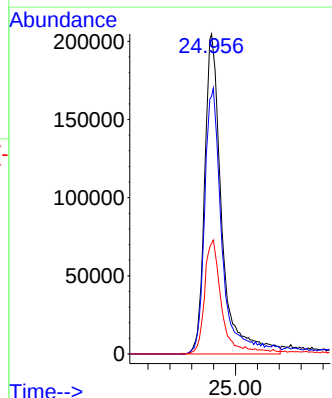
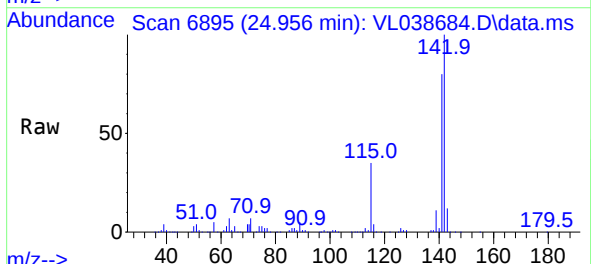
Manual Integrations  
APPROVED

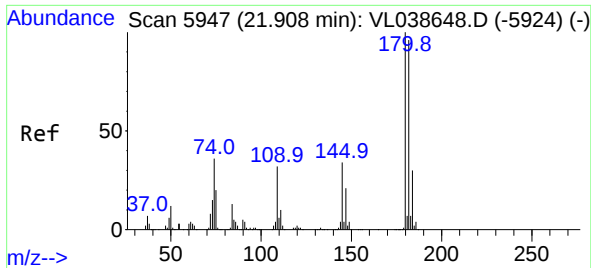
Reviewed By :Semsettin Yesilyurt 03/23/2022  
Supervised By :Mahesh Dadoda 03/25/2022



#80  
Naphthalene,2-methyl-  
Concen: 8.904 ppbv  
RT: 24.956 min Scan# 6895  
Delta R.T. -0.003 min  
Lab File: VL038648.D  
Acq: 22 Mar 2022 14:39

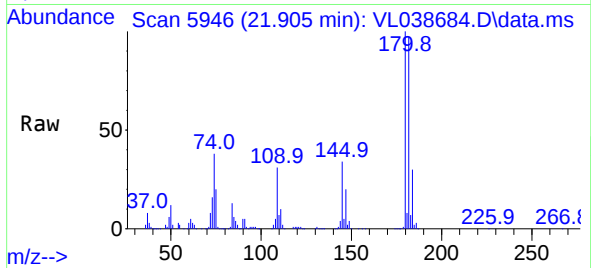
Tgt Ion:142 Resp: 444564  
Ion Ratio Lower Upper  
142 100  
141 88.6 66.4 99.6  
115 36.7 27.8 41.6





#81  
 1,2,4-Trichlorobenzene  
 Concen: 10.647 ppbv  
 RT: 21.905 min Scan# 5946  
 Delta R.T. -0.003 min  
 Lab File: VL038684.D  
 Acq: 22 Mar 2022 14:39

Instrument : MSVOA\_L  
 ClientSampleId : VL0322ABS01



Tgt Ion:180 Resp: 1357080  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 99.5  | 79.2  | 118.8 |
| 184 | 31.3  | 24.8  | 37.2  |

Manual Integrations  
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Reviewed By :Semsettin Yesilyurt 03/23/2022  
 Supervised By :Mahesh Dadoda 03/25/2022

