

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034766.D  
 Acq On : 27 Mar 2023 22:57  
 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 03/29/2023  
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 28 05:47:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                        |                |      |                      |         |        |          |
| Internal Standards           |                |      |                      |         |        |          |
| 1) Bromochloromethane        | 4.904          | 128  | 28606                | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763          | 114  | 191570               | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 10.055         | 117  | 209193               | 30.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                      |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 5.958          | 65   | 80024                | 34.742  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 115.800%# |         |        |          |
| 60) 4-Bromofluorobenzene     | 11.079         | 95   | 119915m              | 31.791  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 105.967%  |         |        |          |
| 63) Toluene-d8               | 8.647          | 98   | 212599               | 31.621  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 105.400%  |         |        |          |
| Target Compounds             |                |      |                      |         |        |          |
|                              |                |      |                      |         |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166          | 85   | 50612                | 19.654  | ug/l   | 99       |
| 3) Chloromethane             | 1.294          | 50   | 70929                | 23.233  | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374          | 62   | 67188                | 22.691  | ug/l   | 97       |
| 5) Bromomethane              | 1.618          | 94   | 45342                | 23.294  | ug/l   | 98       |
| 6) Chloroethane              | 1.691          | 64   | 43353                | 26.363  | ug/l   | 97       |
| 7) Trichlorofluoromethane    | 1.892          | 101  | 103662               | 23.443  | ug/l   | 99       |
| 8) Diethyl Ether             | 2.136          | 74   | 39175                | 23.389  | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331          | 101  | 51519                | 20.088  | ug/l   | 89       |
| 10) 1,1-Dichloroethene       | 2.319          | 96   | 53113                | 20.841  | ug/l   | 94       |
| 11) Methyl Iodide            | 2.453          | 142  | 66637                | 17.853  | ug/l   | 90       |
| 12) Methyl Acetate           | 2.703          | 43   | 122334               | 25.802  | ug/l   | 99       |
| 13) Acrolein                 | 2.239          | 56   | 72694                | 131.660 | ug/l   | 97       |
| 14) Acrylonitrile            | 3.062          | 53   | 170319               | 114.886 | ug/l   | 99       |
| 15) Acetone                  | 2.386          | 58   | 46093                | 105.654 | ug/l   | 93       |
| 16) Carbon Disulfide         | 2.514          | 76   | 130183               | 20.663  | ug/l   | 99       |
| 17) Allyl chloride           | 2.666          | 41   | 103010               | 22.082  | ug/l   | 93       |
| 18) Methylene Chloride       | 2.788          | 84   | 65432                | 22.377  | ug/l   | 93       |
| 19) trans-1,2-Dichloroethene | 3.093          | 96   | 57965                | 21.101  | ug/l   | 97       |
| 20) Diisopropyl ether        | 3.757          | 45   | 219748               | 23.557  | ug/l   | 99       |
| 21) 1,1-Dichloroethane       | 3.611          | 63   | 115349               | 22.787  | ug/l   | 98       |
| 22) cis-1,2-Dichloroethene   | 4.489          | 96   | 68934                | 21.282  | ug/l   | 91       |
| 23) tert-Butyl Alcohol       | 2.983          | 59   | 76293m               | 142.423 | ug/l   |          |
| 24) Methyl tert-Butyl Ether  | 3.111          | 73   | 203072               | 23.233  | ug/l   | 97       |
| 25) Chloroform               | 5.093          | 83   | 114863               | 22.620  | ug/l   | 98       |
| 26) Cyclohexane              | 5.470          | 56   | 95095                | 21.114  | ug/l # | 94       |
| 29) 1,1-Dichloropropene      | 5.690          | 75   | 81363                | 21.693  | ug/l   | 98       |
| 30) 2-Butanone               | 4.562          | 43   | 246763               | 117.005 | ug/l   | 98       |
| 31) 2,2-Dichloropropane      | 4.477          | 77   | 83243                | 22.876  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 5.385          | 97   | 96515                | 22.182  | ug/l   | 98       |
| 33) Carbon Tetrachloride     | 5.678          | 117  | 77235                | 20.335  | ug/l   | 98       |
| 34) Benzene                  | 6.037          | 78   | 252131               | 22.564  | ug/l # | 97       |
| 35) Methacrylonitrile        | 4.916          | 41   | 52774                | 23.051  | ug/l   | 92       |
| 36) 1,2-Dichloroethane       | 6.086          | 62   | 96843                | 23.969  | ug/l   | 96       |
| 37) Trichloroethene          | 7.129          | 130  | 61641                | 20.115  | ug/l   | 95       |
| 38) Methylcyclohexane        | 7.379          | 83   | 89283                | 20.163  | ug/l   | 98       |
| 39) 1,2-Dichloropropane      | 7.427          | 63   | 65008                | 23.245  | ug/l   | 99       |
| 40) Dibromomethane           | 7.580          | 93   | 45216                | 22.900  | ug/l   | 90       |
| 41) Bromodichloromethane     | 7.824          | 83   | 81599                | 21.940  | ug/l   | 99       |
| 42) Vinyl Acetate            | 3.721          | 43   | 805644               | 114.186 | ug/l   | 98       |

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 Operator : JC/MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

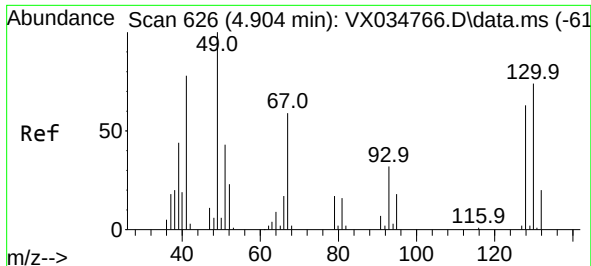
Reviewed By :Krupa Patel 03/29/2023  
 Supervised By :Semsettin Yesilyurt 03/29/2023

Quant Time: Mar 28 05:47:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.715  | 43   | 95863    | 23.114  | ug/l   | 100      |
| 44) Isopropyl Acetate         | 6.336  | 43   | 159237   | 24.786  | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.690  | 88   | 33419    | 505.433 | ug/l # | 94       |
| 46) Methyl methacrylate       | 7.690  | 41   | 75872    | 23.652  | ug/l   | 94       |
| 47) n-amyl Acetate            | 10.841 | 43   | 134587   | 24.588  | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 8.976  | 75   | 85669    | 21.527  | ug/l   | 96       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 97339    | 21.876  | ug/l   | 97       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 61760    | 21.286  | ug/l   | 96       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 99961    | 22.752  | ug/l   | 98       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 110700   | 22.326  | ug/l   | 98       |
| 53) Dibromochloromethane      | 9.519  | 129  | 58132    | 18.798  | ug/l   | 99       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 65416    | 20.914  | ug/l   | 100      |
| 55) 2-Chloroethyl vinyl ether | 8.238  | 63   | 274575   | 129.048 | ug/l   | 97       |
| 56) Bromoform                 | 10.799 | 173  | 37525    | 16.262  | ug/l # | 95       |
| 58) 4-Methyl-2-Pentanone      | 8.574  | 43   | 490188   | 124.563 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.427  | 43   | 365525   | 123.783 | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 52392    | 19.075  | ug/l   | 94       |
| 62) Toluene                   | 8.720  | 91   | 264945   | 22.364  | ug/l   | 98       |
| 64) Chlorobenzene             | 10.079 | 112  | 161737   | 20.753  | ug/l   | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 57337    | 19.981  | ug/l   | 98       |
| 66) Ethyl Benzene             | 10.195 | 91   | 289686   | 21.505  | ug/l   | 95       |
| 67) m/p-Xylenes               | 10.299 | 106  | 216904   | 41.204  | ug/l   | 94       |
| 68) o-Xylene                  | 10.640 | 106  | 109919   | 20.941  | ug/l   | 92       |
| 69) Styrene                   | 10.652 | 104  | 177600   | 20.675  | ug/l   | 95       |
| 70) Isopropylbenzene          | 10.963 | 105  | 276381   | 20.585  | ug/l   | 97       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 96923    | 23.203  | ug/l   | 97       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 88267m   | 23.262  | ug/l   |          |
| 73) Bromobenzene              | 11.195 | 156  | 67659    | 19.002  | ug/l   | 85       |
| 74) n-propylbenzene           | 11.305 | 91   | 319519   | 20.877  | ug/l   | 96       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 199331   | 21.668  | ug/l   | 94       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 231831   | 20.847  | ug/l   | 96       |
| 77) t-1,4-Dichloro-2-butene   | 11.018 | 75   | 23015    | 20.143  | ug/l   | 94       |
| 78) 4-Chlorotoluene           | 11.451 | 91   | 224247   | 21.630  | ug/l   | 93       |
| 79) tert-butylbenzene         | 11.713 | 119  | 219555   | 19.550  | ug/l   | 93       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 229220   | 20.753  | ug/l   | 98       |
| 81) sec-Butylbenzene          | 11.890 | 105  | 262943   | 19.273  | ug/l   | 96       |
| 82) p-Isopropyltoluene        | 12.006 | 119  | 220190   | 18.790  | ug/l   | 95       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 125889   | 19.397  | ug/l   | 96       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 124919   | 19.208  | ug/l   | 96       |
| 85) n-Butylbenzene            | 12.329 | 91   | 185832   | 19.272  | ug/l   | 97       |
| 86) Hexachloroethane          | 12.536 | 117  | 32256    | 17.441  | ug/l   | 77       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 126239   | 20.125  | ug/l   | 97       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 18669    | 22.062  | ug/l # | 77       |
| 89) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 72328    | 17.059  | ug/l   | 98       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 27737    | 14.360  | ug/l   | 96       |
| 91) Naphthalene               | 13.774 | 128  | 269655   | 20.789  | ug/l   | 100      |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 74647    | 17.852  | ug/l   | 98       |

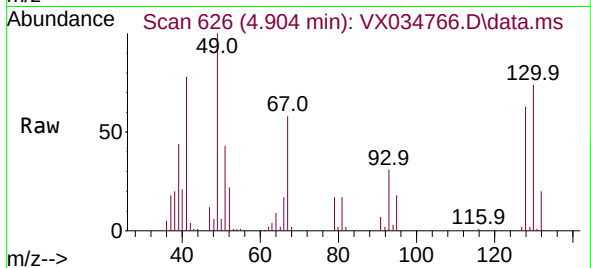
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 4.904 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

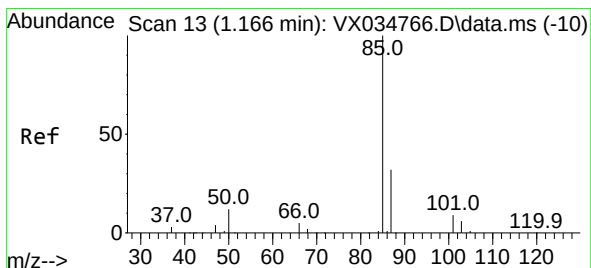
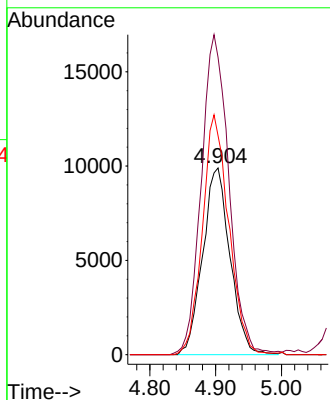
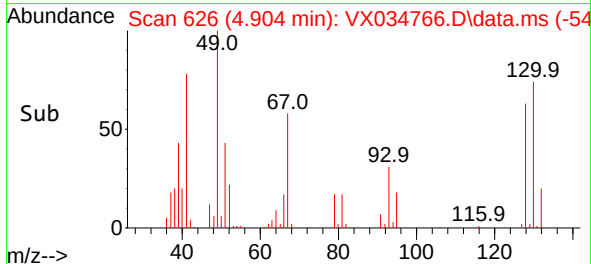
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:128 Resp: 28600  
Ion Ratio Lower Upper  
128 100  
49 171.5 0.0 369.0  
130 124.3 0.0 327.5

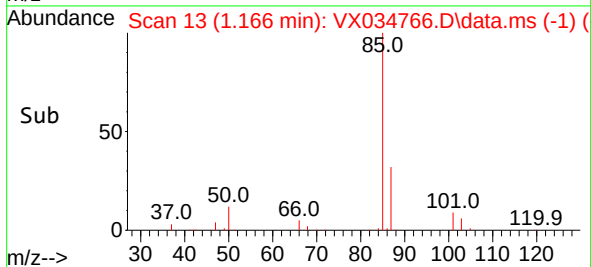
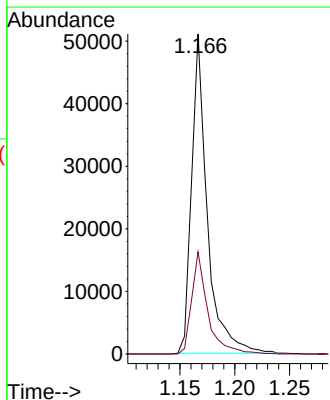
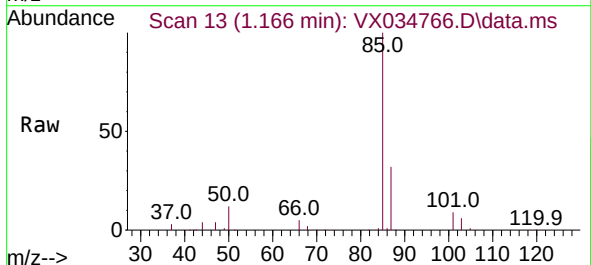
Manual Integrations  
APPROVED

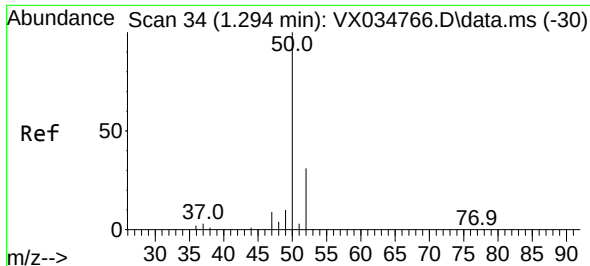
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#2  
Dichlorodifluoromethane  
Concen: 19.654 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

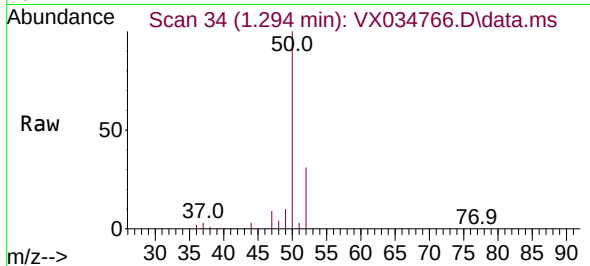
Tgt Ion: 85 Resp: 50612  
Ion Ratio Lower Upper  
85 100  
87 32.0 16.4 49.1





#3  
Chloromethane  
Concen: 23.233 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

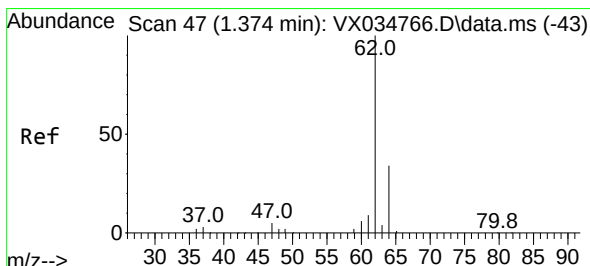
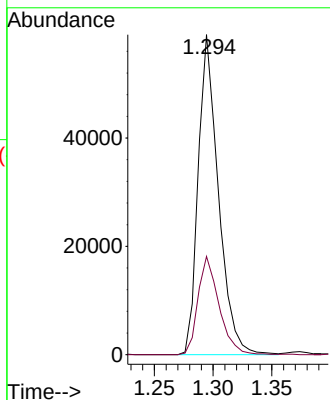
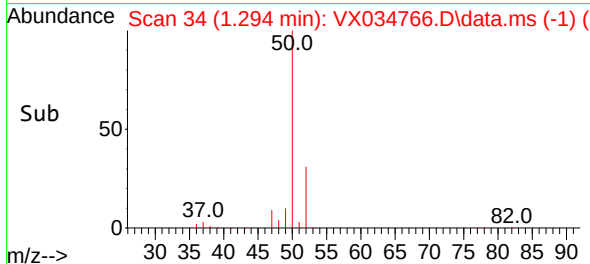
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 50 Resp: 70929  
Ion Ratio Lower Upper  
50 100  
52 30.7 25.1 37.7

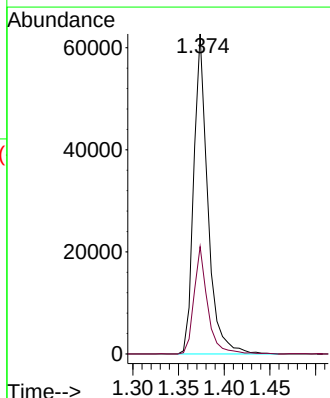
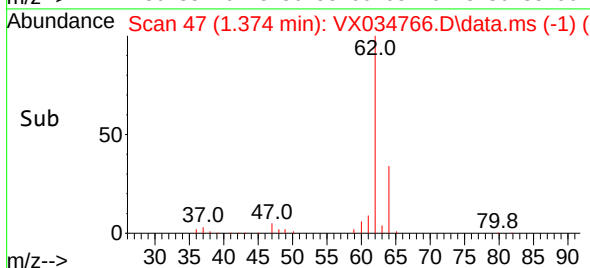
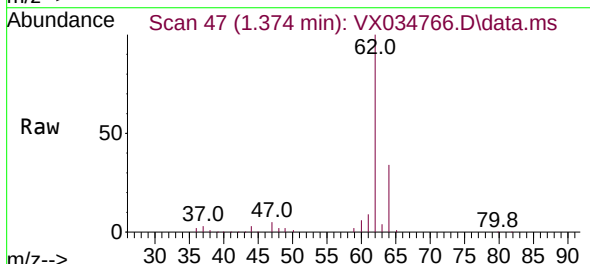
Manual Integrations  
APPROVED

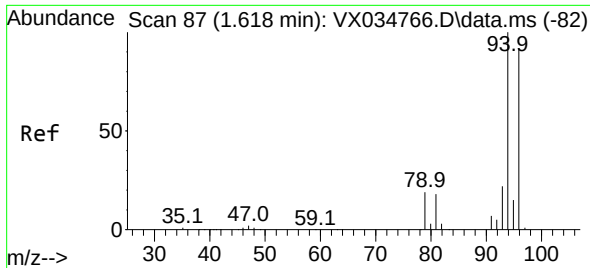
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#4  
Vinyl Chloride  
Concen: 22.691 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

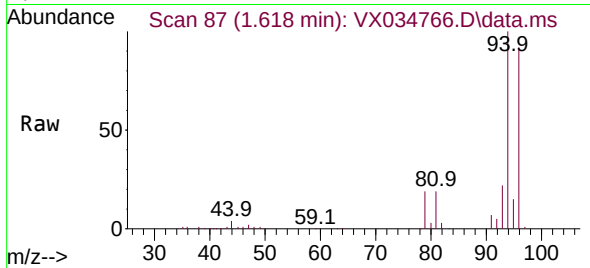
Tgt Ion: 62 Resp: 67188  
Ion Ratio Lower Upper  
62 100  
64 33.6 25.4 38.2





#5  
Bromomethane  
Concen: 23.294 ug/l  
RT: 1.618 min Scan# 87  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

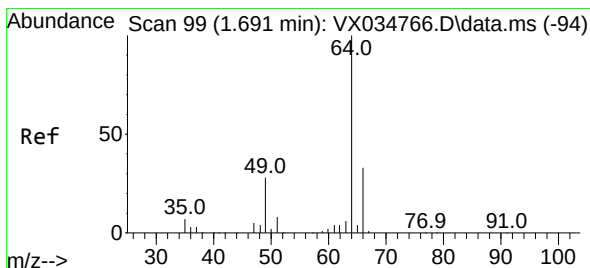
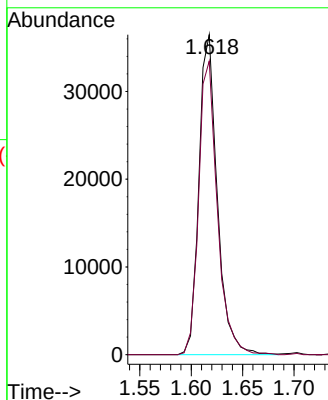
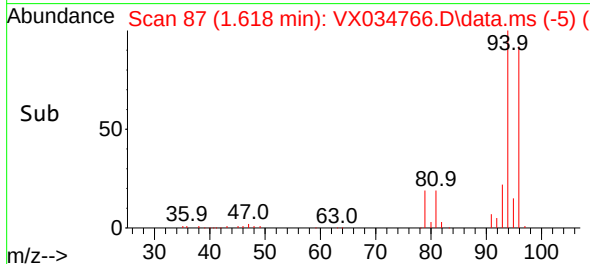
Instrument :  
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ClientSampleId :  
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Tgt Ion: 94 Resp: 45342  
Ion Ratio Lower Upper  
94 100  
96 91.7 74.8 112.2

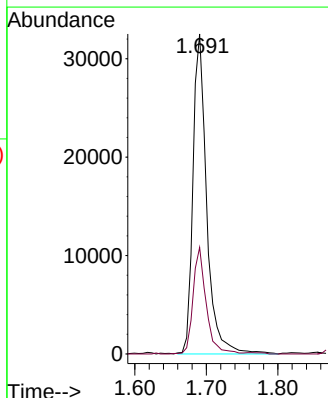
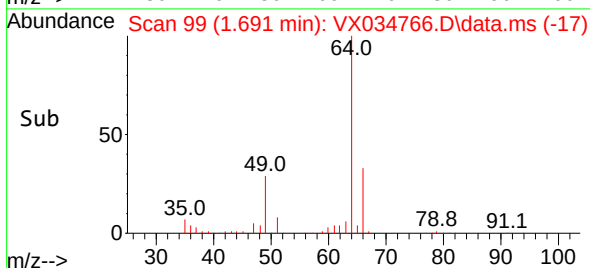
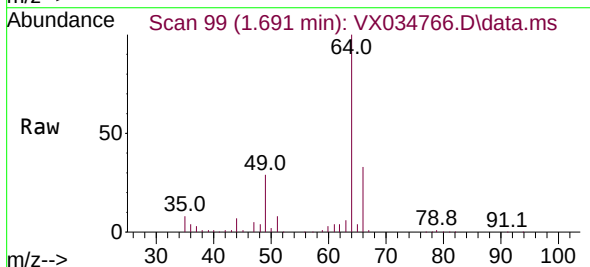
Manual Integrations  
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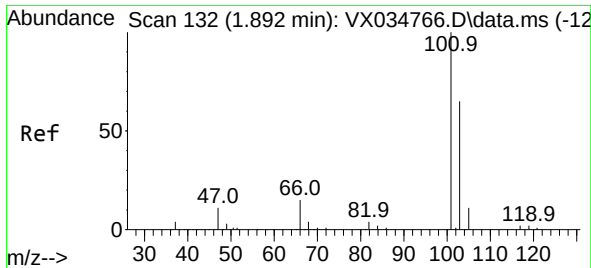
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#6  
Chloroethane  
Concen: 26.363 ug/l  
RT: 1.691 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

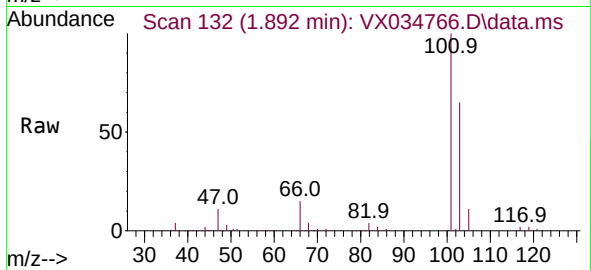
Tgt Ion: 64 Resp: 43353  
Ion Ratio Lower Upper  
64 100  
66 33.3 25.4 38.0





#7  
 Trichlorofluoromethane  
 Concen: 23.443 ug/l  
 RT: 1.892 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

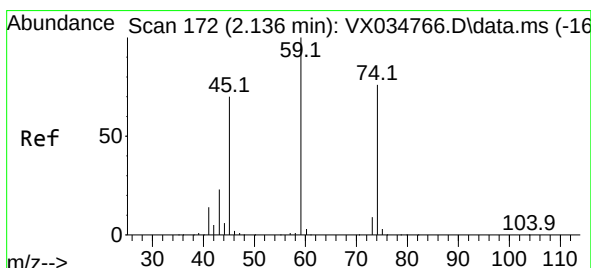
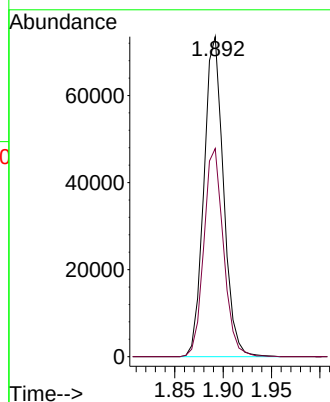
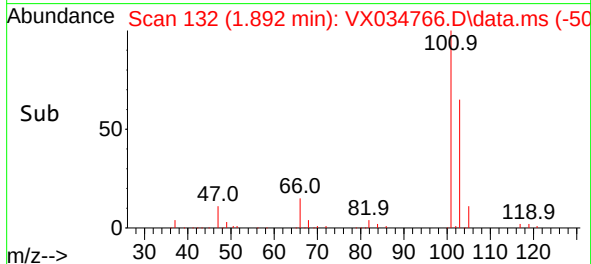
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020



Tgt Ion:101 Resp: 103662  
 Ion Ratio Lower Upper  
 101 100  
 103 65.1 51.4 77.0

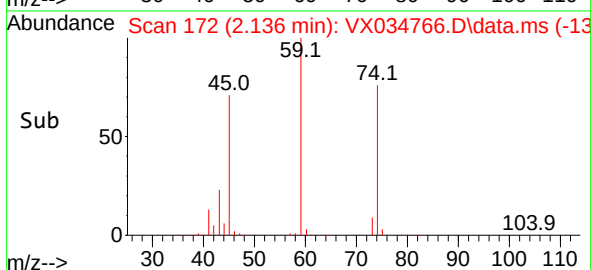
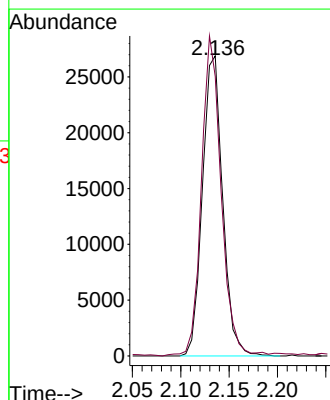
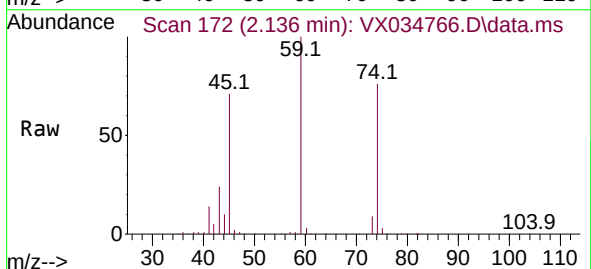
Manual Integrations  
 APPROVED

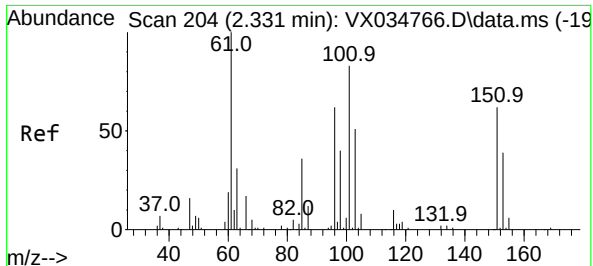
Reviewed By :Krupa Patel 03/29/2023  
 Supervised By :Semsettin Yesilyurt 03/29/2023



#8  
 Diethyl Ether  
 Concen: 23.389 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

Tgt Ion: 74 Resp: 39175  
 Ion Ratio Lower Upper  
 74 100  
 45 102.5 20.2 182.0





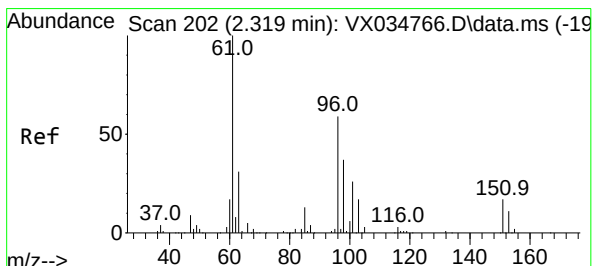
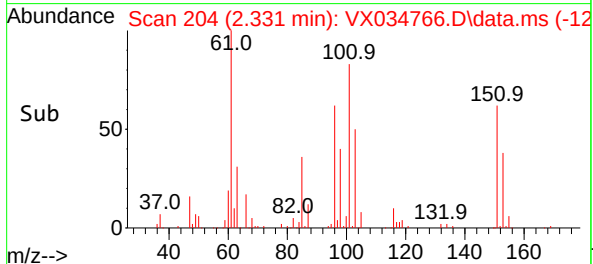
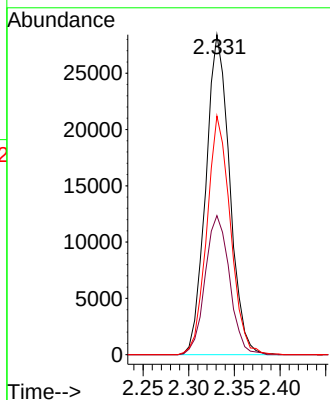
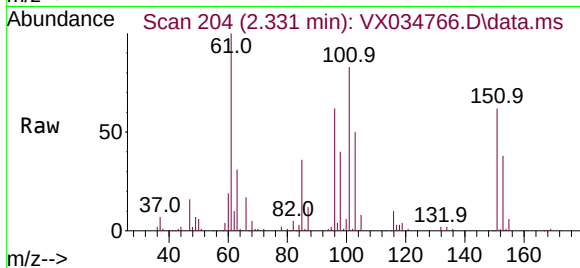
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.088 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:101 Resp: 51519  
Ion Ratio Lower Upper  
101 100  
85 44.4 0.0 83.0  
151 73.8 0.0 174.6

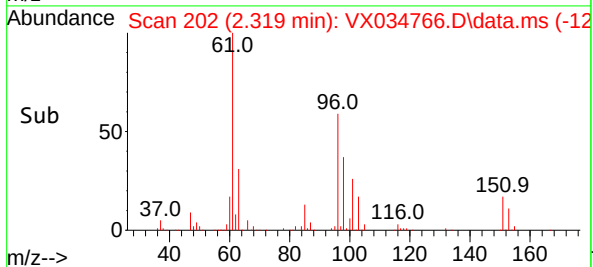
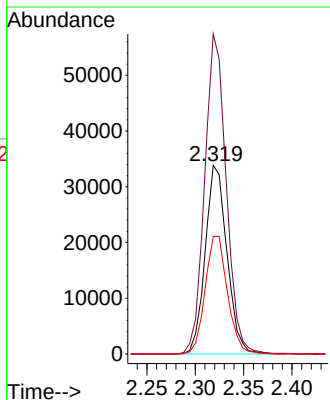
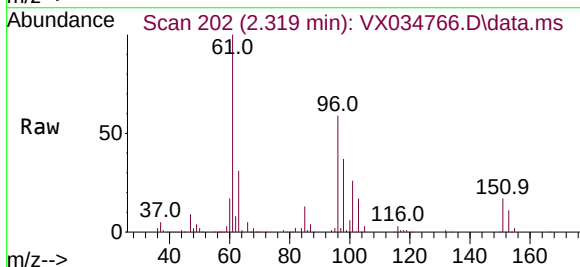
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

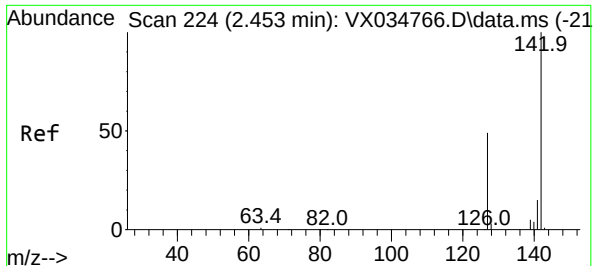


#10  
1,1-Dichloroethene  
Concen: 20.841 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 96 Resp: 53113  
Ion Ratio Lower Upper  
96 100  
61 169.7 127.5 191.3  
98 62.2 51.1 76.7

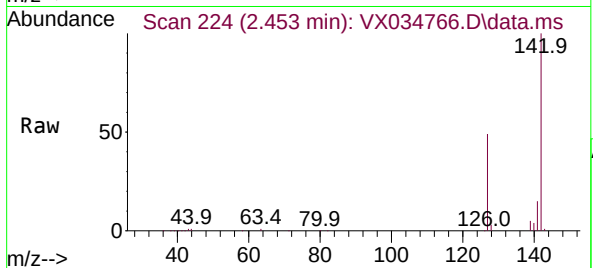






#11  
Methyl Iodide  
Concen: 17.853 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

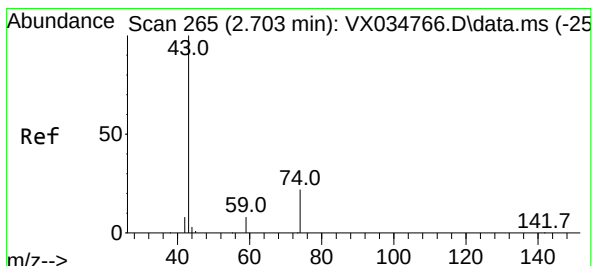
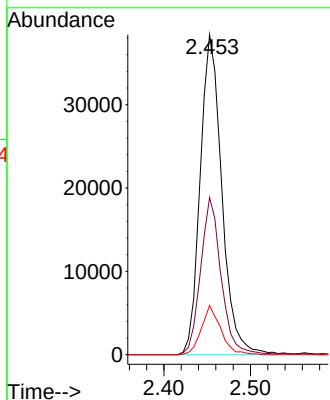
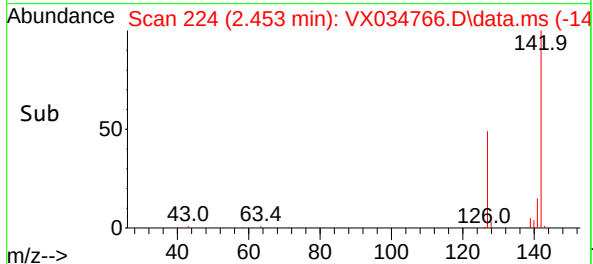
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:142 Resp: 6663  
Ion Ratio Lower Upper  
142 100  
127 49.0 20.7 62.1  
141 15.2 7.0 21.0

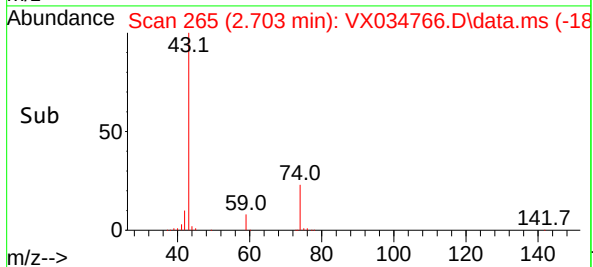
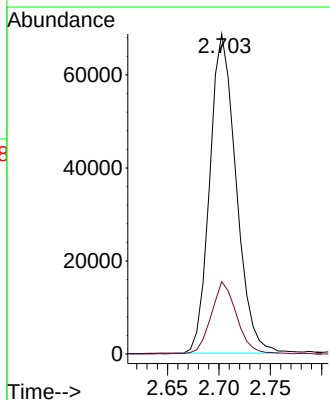
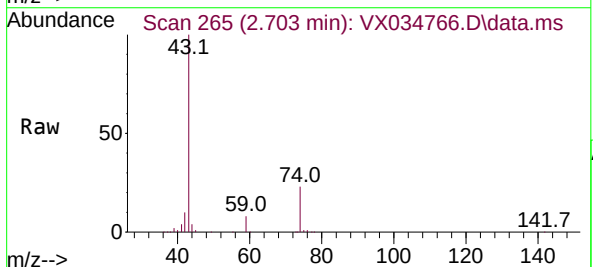
Manual Integrations  
APPROVED

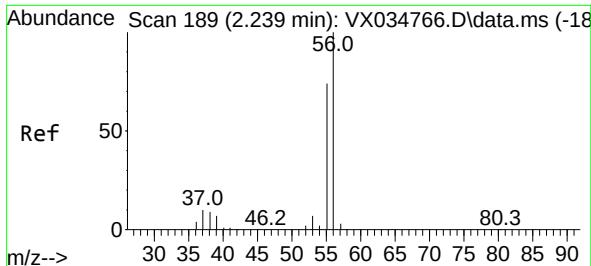
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#12  
Methyl Acetate  
Concen: 25.802 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

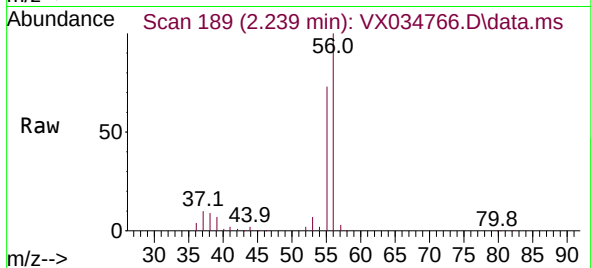
Tgt Ion: 43 Resp: 122334  
Ion Ratio Lower Upper  
43 100  
74 22.5 17.6 26.4





#13  
Acrolein  
Concen: 131.660 ug/l  
RT: 2.239 min Scan# 189  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

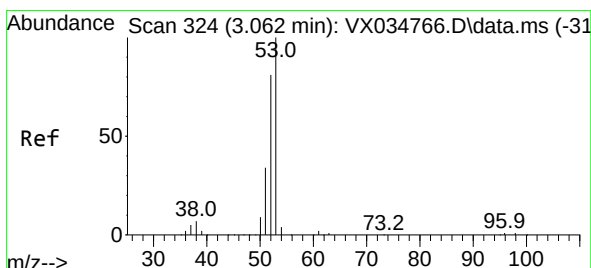
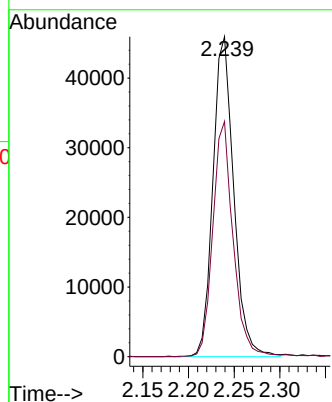
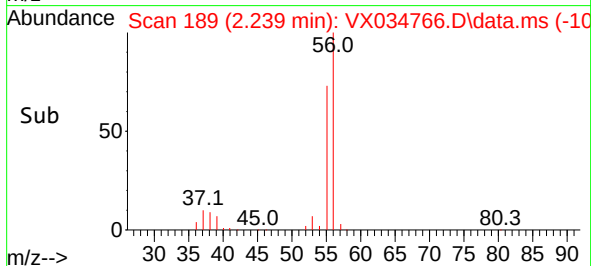
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



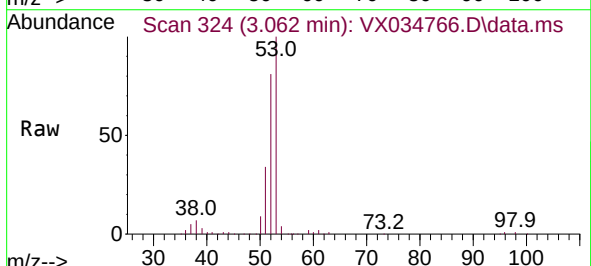
Tgt Ion: 56 Resp: 72694  
Ion Ratio Lower Upper  
56 100  
55 70.8 58.8 88.2

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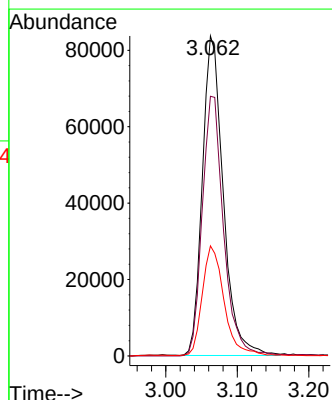
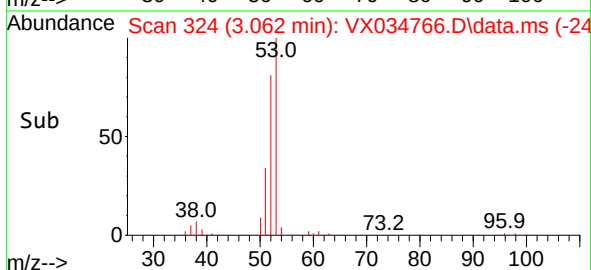
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

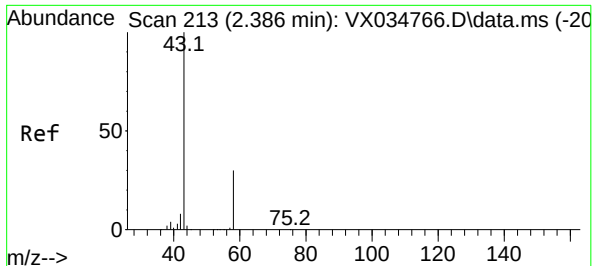


#14  
Acrylonitrile  
Concen: 114.886 ug/l  
RT: 3.062 min Scan# 324  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



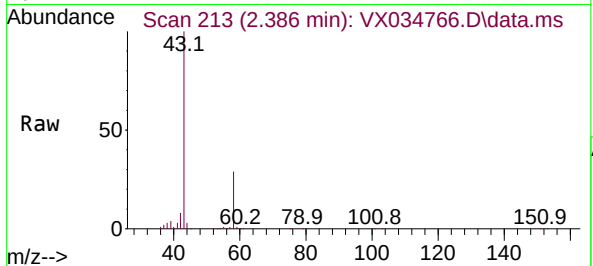
Tgt Ion: 53 Resp: 170319  
Ion Ratio Lower Upper  
53 100  
52 82.5 41.0 123.2  
51 35.8 17.6 52.8





#15  
Acetone  
Concen: 105.654 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

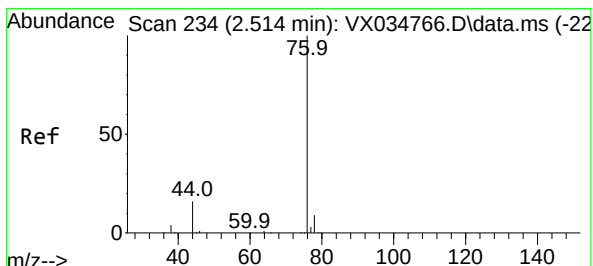
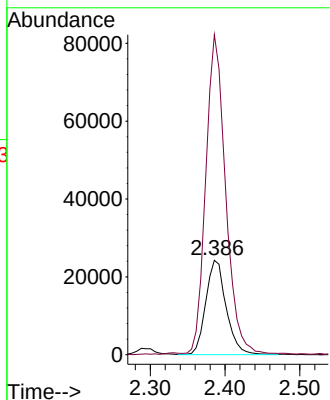
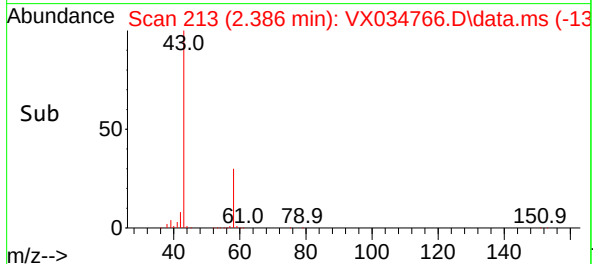
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



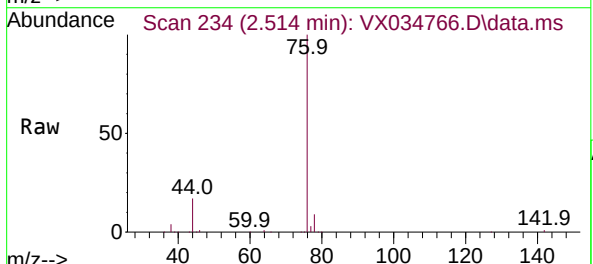
Tgt Ion: 58 Resp: 46093  
Ion Ratio Lower Upper  
58 100  
43 338.5 258.6 388.0

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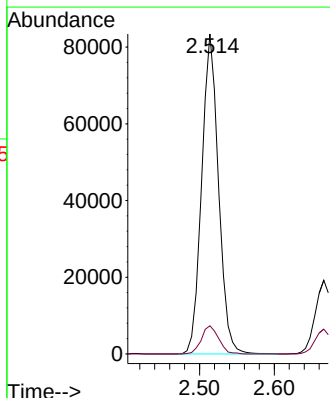
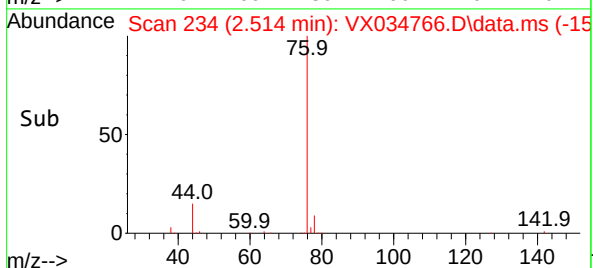
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

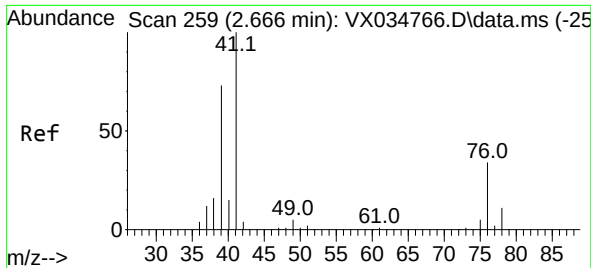


#16  
Carbon Disulfide  
Concen: 20.663 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



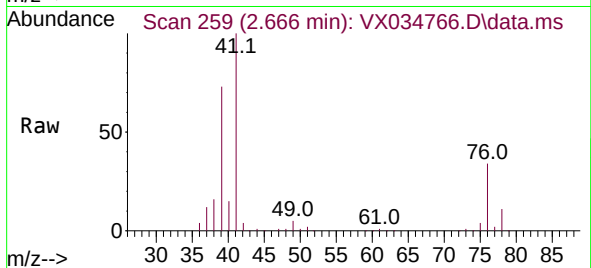
Tgt Ion: 76 Resp: 130183  
Ion Ratio Lower Upper  
76 100  
78 8.8 6.9 10.3





#17  
 Allyl chloride  
 Concen: 22.082 ug/l  
 RT: 2.666 min Scan# 259  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

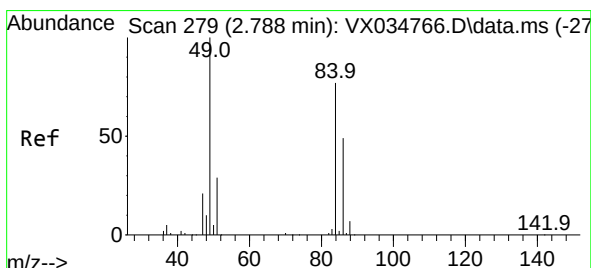
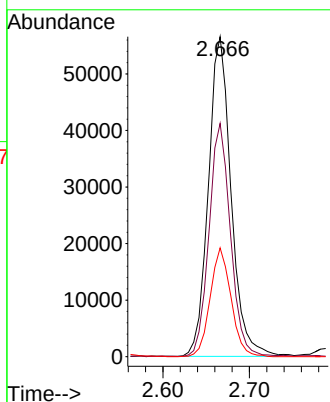
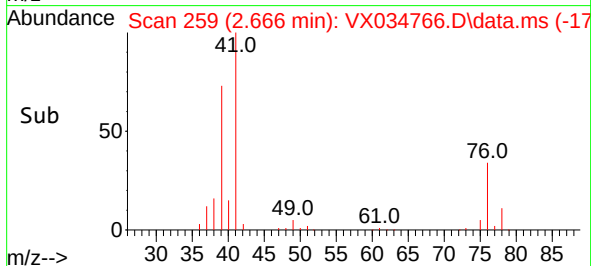
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020



Tgt Ion: 41 Resp: 103010  
 Ion Ratio Lower Upper  
 41 100  
 39 72.9 32.5 97.4  
 76 34.0 16.6 49.8

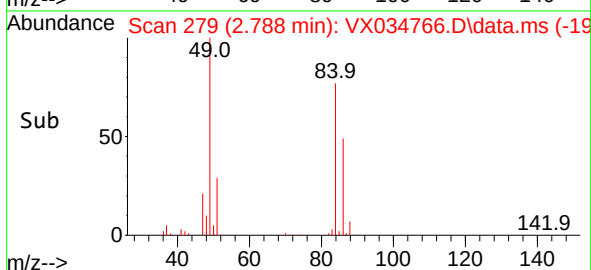
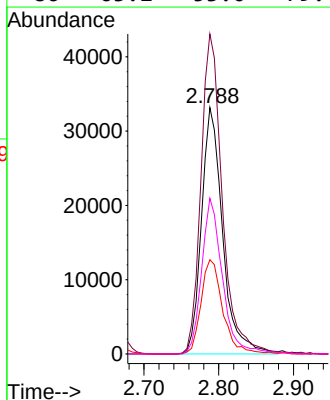
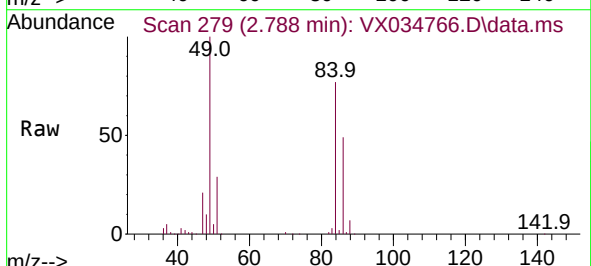
Manual Integrations  
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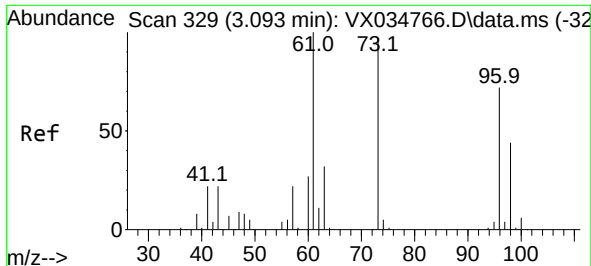
Reviewed By :Krupa Patel 03/29/2023  
 Supervised By :Semsettin Yesilyurt 03/29/2023



#18  
 Methylene Chloride  
 Concen: 22.377 ug/l  
 RT: 2.788 min Scan# 279  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

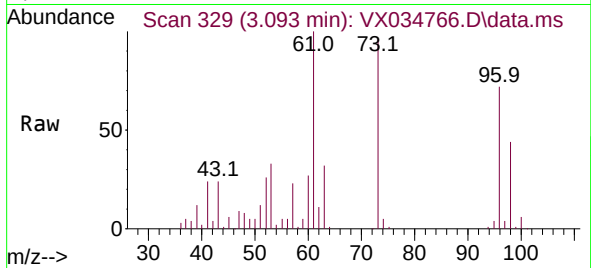
Tgt Ion: 84 Resp: 65432  
 Ion Ratio Lower Upper  
 84 100  
 49 129.9 95.0 142.6  
 51 38.2 30.3 45.5  
 86 63.2 53.0 79.4





#19  
trans-1,2-Dichloroethene  
Concen: 21.101 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

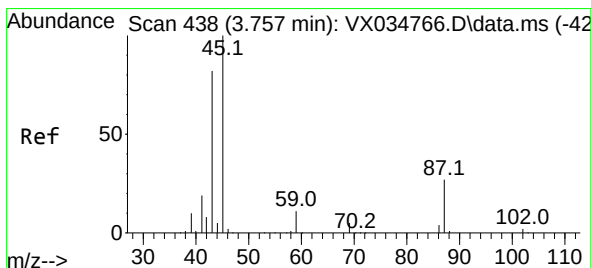
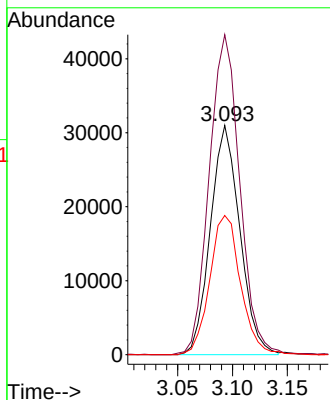
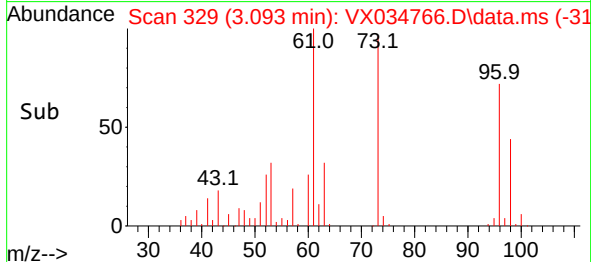
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



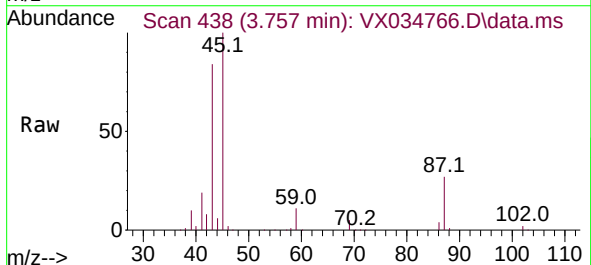
Tgt Ion: 96 Resp: 5796  
Ion Ratio Lower Upper  
96 100  
61 138.9 107.7 161.5  
98 60.7 49.8 74.6

Manual Integrations  
APPROVED

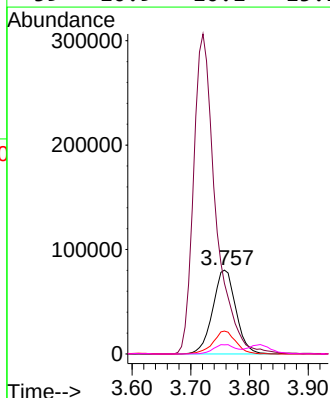
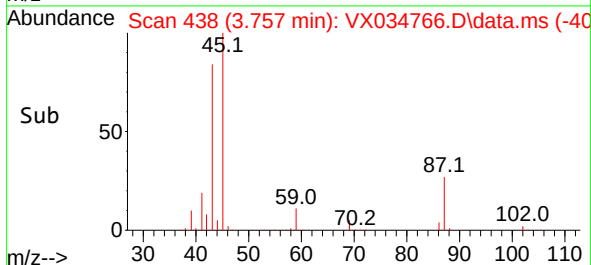
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

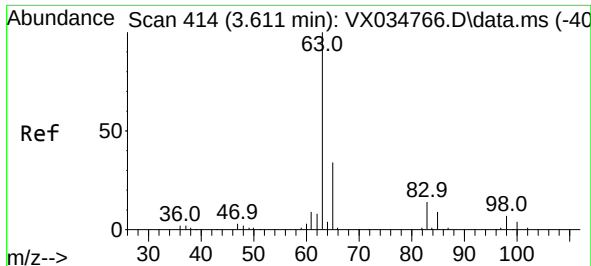


#20  
Diisopropyl ether  
Concen: 23.557 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



Tgt Ion: 45 Resp: 219748  
Ion Ratio Lower Upper  
45 100  
43 82.5 66.6 99.8  
87 27.2 22.3 33.5  
59 10.9 10.1 15.1





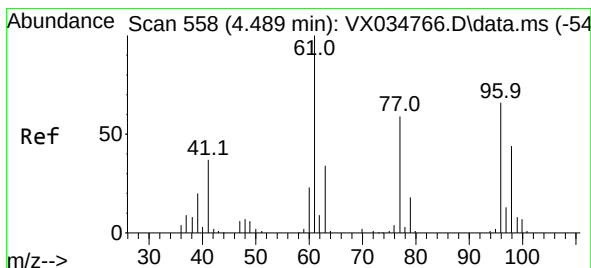
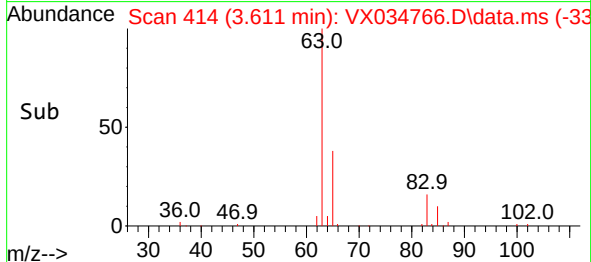
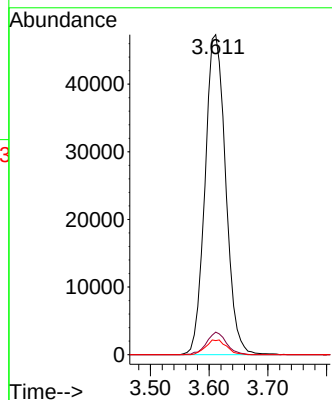
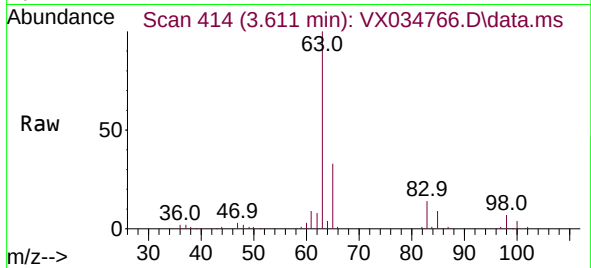
#21  
1,1-Dichloroethane  
Concen: 22.787 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 63 Resp: 115349  
Ion Ratio Lower Upper  
63 100  
98 7.1 4.0 12.2  
100 4.4 2.3 6.9

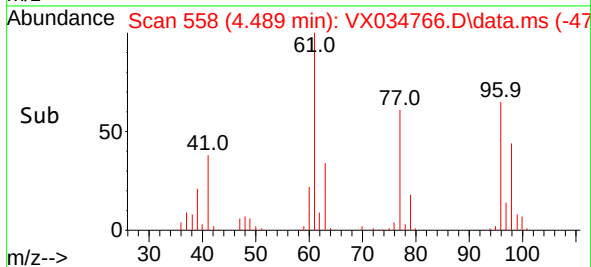
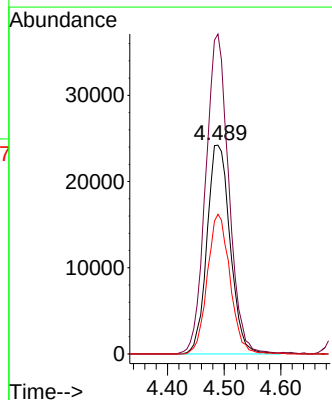
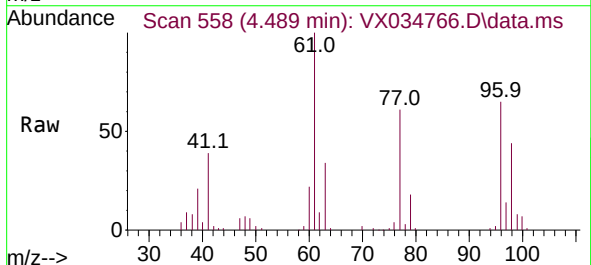
Manual Integrations  
APPROVED

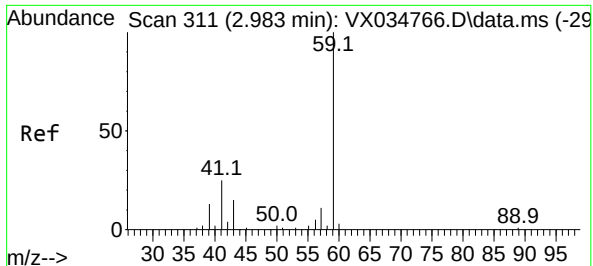
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#22  
cis-1,2-Dichloroethene  
Concen: 21.282 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 96 Resp: 68934  
Ion Ratio Lower Upper  
96 100  
61 152.1 109.0 163.6  
98 65.2 51.7 77.5





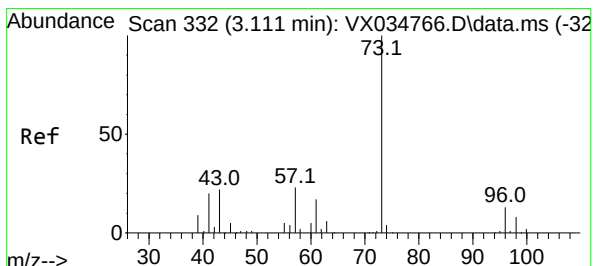
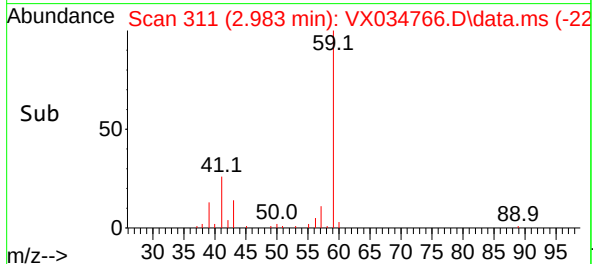
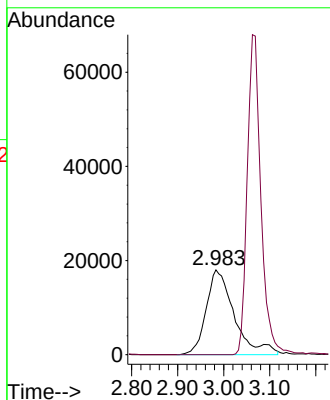
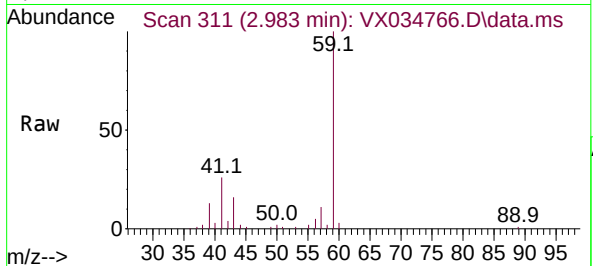
#23  
tert-Butyl Alcohol  
Concen: 142.423 ug/l m  
RT: 2.983 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 59 Resp: 7629  
Ion Ratio Lower Upper  
59 100  
52 0.3 186.7 280.1

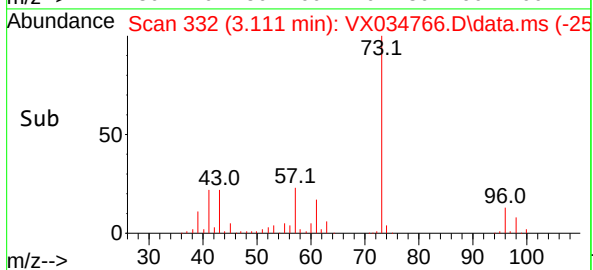
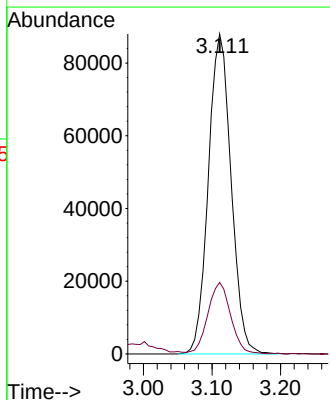
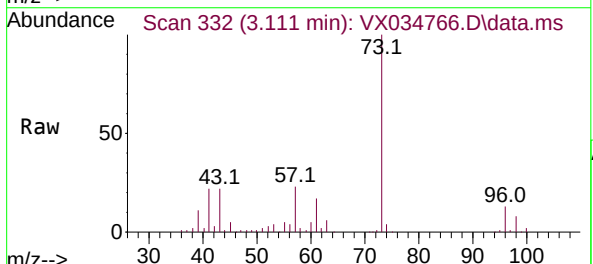
Manual Integrations  
APPROVED

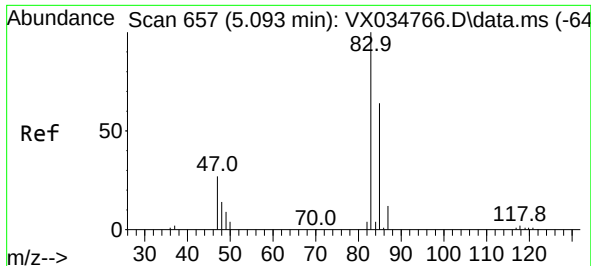
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#24  
Methyl tert-Butyl Ether  
Concen: 23.233 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 73 Resp: 203072  
Ion Ratio Lower Upper  
73 100  
43 22.4 16.9 25.3





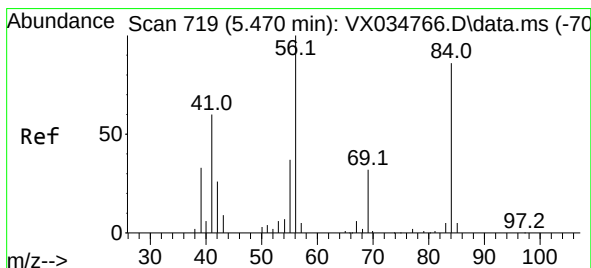
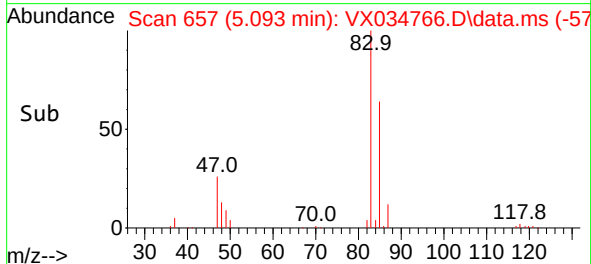
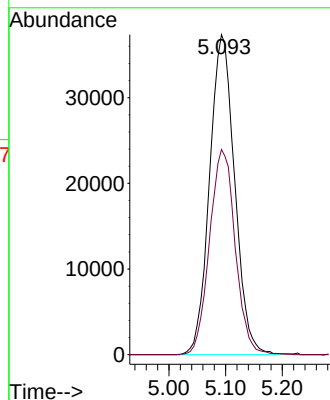
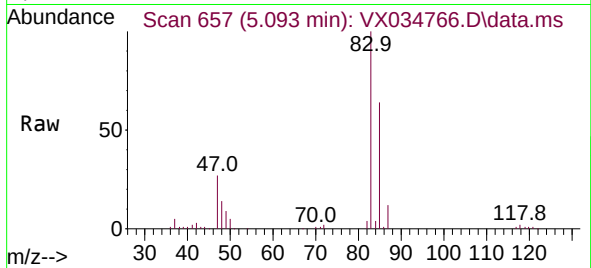
#25  
Chloroform  
Concen: 22.620 ug/l  
RT: 5.093 min Scan# 657  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 11486  
Ion Ratio Lower Upper  
83 100  
85 64.0 49.7 74.5

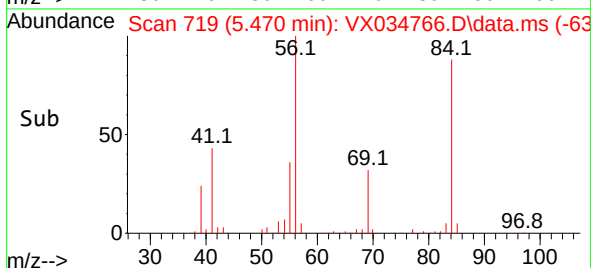
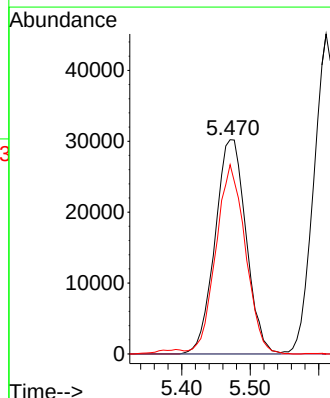
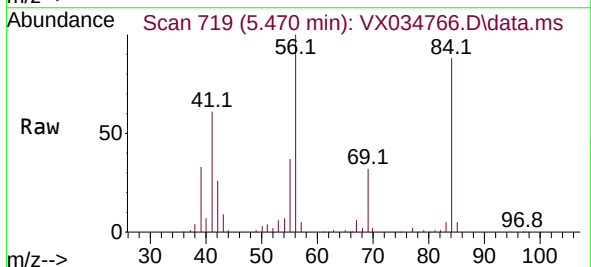
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

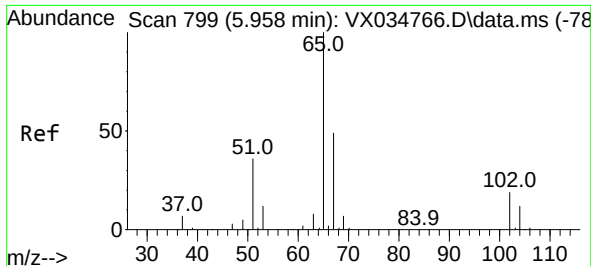


#26  
Cyclohexane  
Concen: 21.114 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 56 Resp: 95095  
Ion Ratio Lower Upper  
56 100  
89 0.0 0.0 0.0  
84 84.3 72.0 108.0







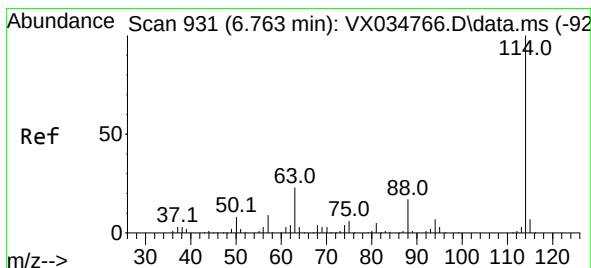
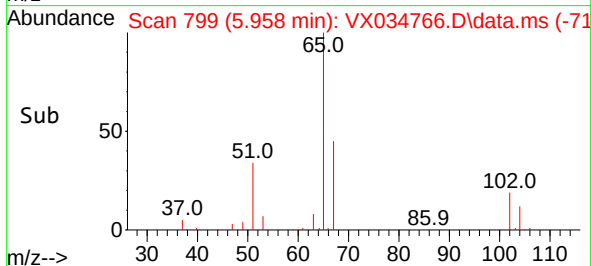
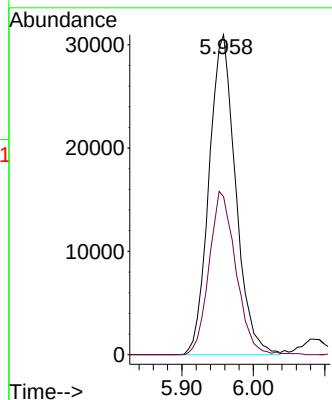
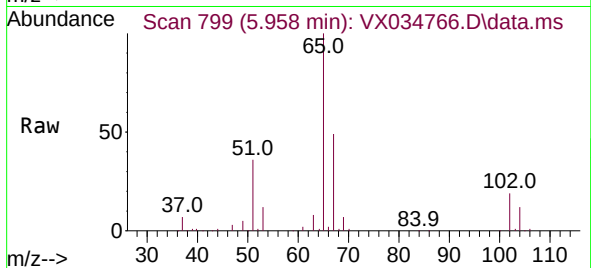
#27  
1,2-Dichloroethane-d4  
Concen: 34.742 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 65 Resp: 80024  
Ion Ratio Lower Upper  
65 100  
67 51.1 43.0 64.4

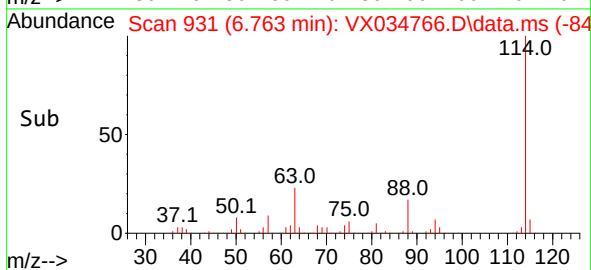
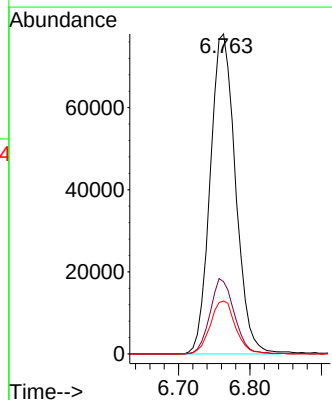
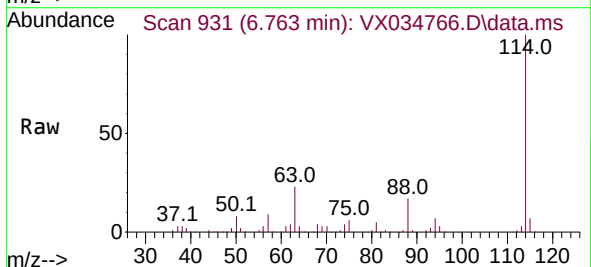
Manual Integrations  
APPROVED

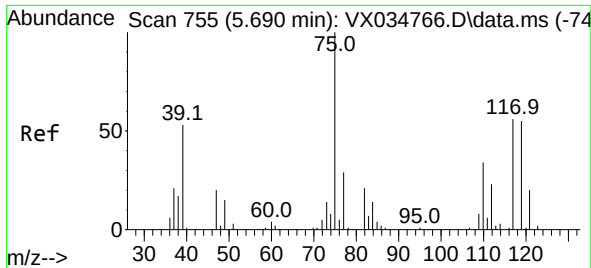
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion:114 Resp: 191570  
Ion Ratio Lower Upper  
114 100  
63 22.5 15.2 22.8  
88 16.6 12.4 18.6





#29

1,1-Dichloropropene

Concen: 21.693 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 8136

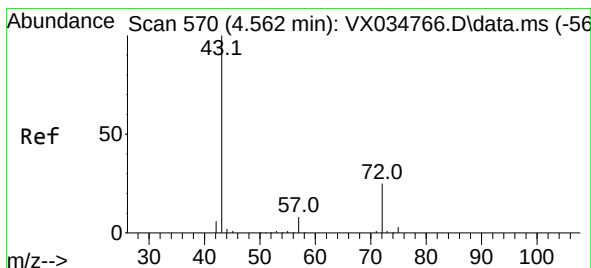
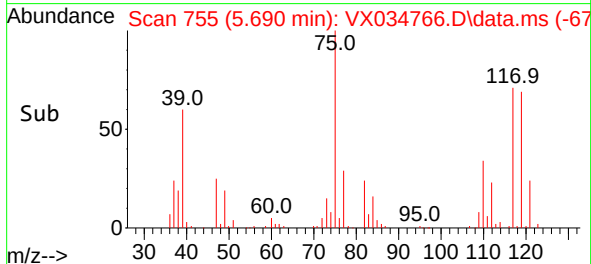
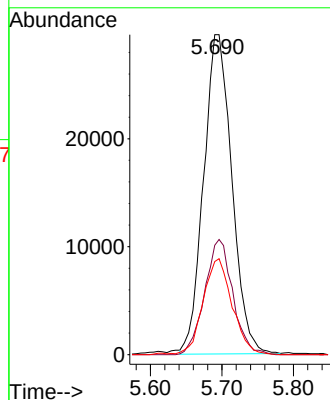
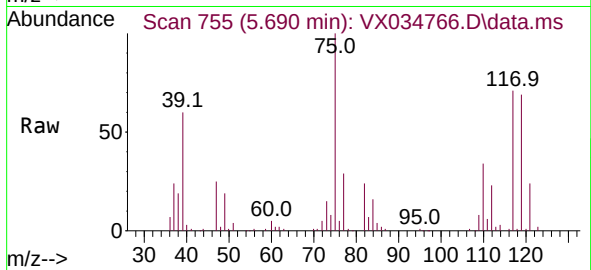
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 35.7  | 0.0   | 75.8  |
| 77  | 30.8  | 0.0   | 62.4  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#30

2-Butanone

Concen: 117.005 ug/l

RT: 4.562 min Scan# 570

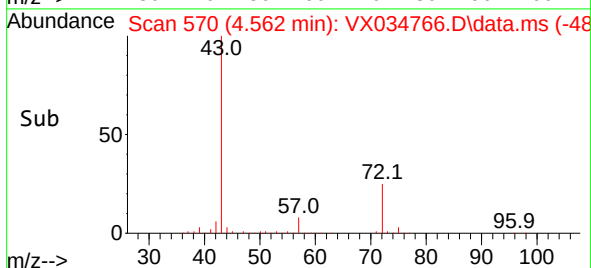
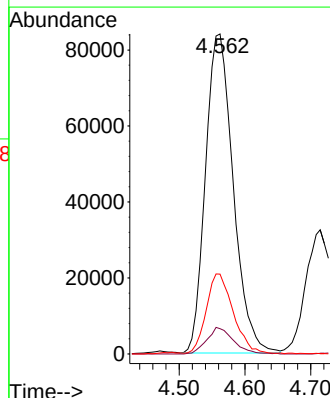
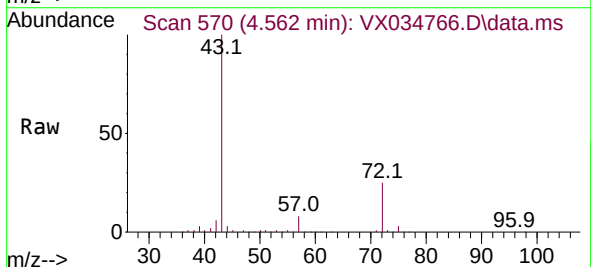
Delta R.T. 0.000 min

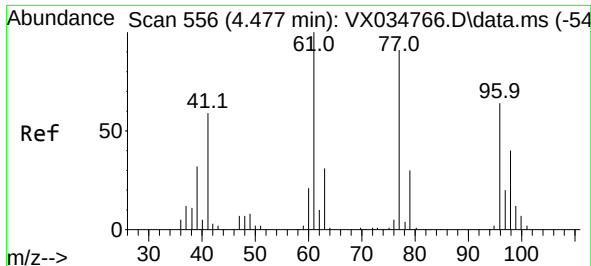
Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Tgt Ion: 43 Resp: 246763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 57  | 7.9   | 6.0   | 9.0   |
| 72  | 24.5  | 20.6  | 30.8  |





#31

2,2-Dichloropropane

Concen: 22.876 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 77 Resp: 8324

Ion Ratio Lower Upper

77 100

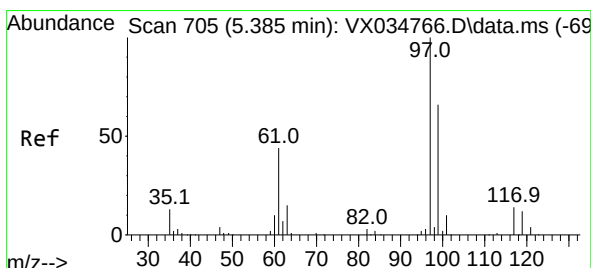
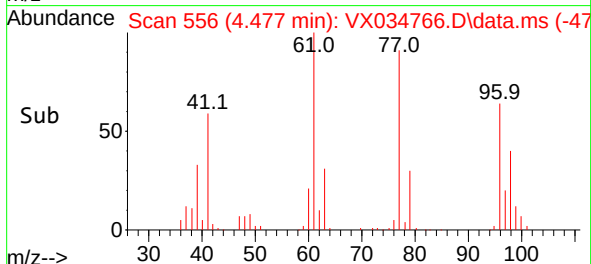
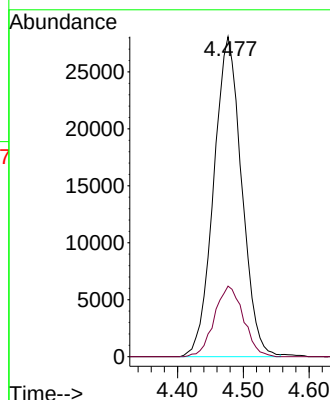
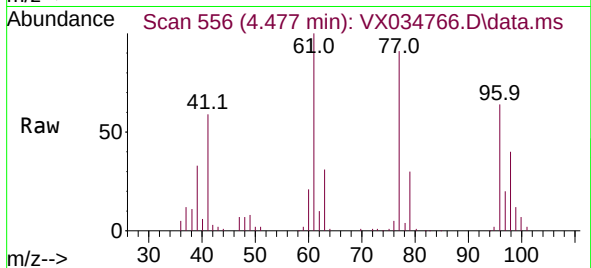
97 22.8 19.6 29.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#32

1,1,1-Trichloroethane

Concen: 22.182 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

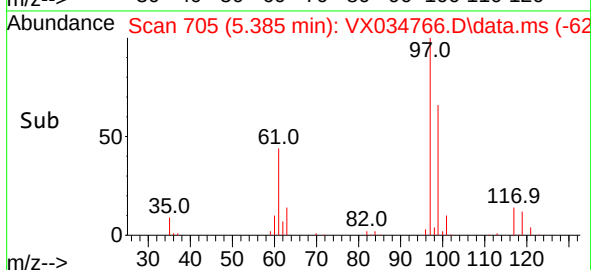
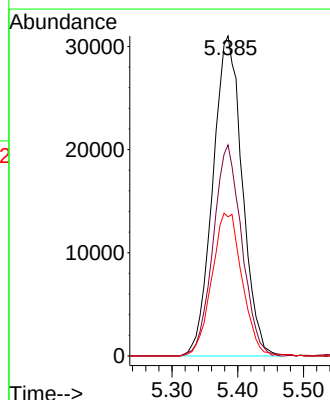
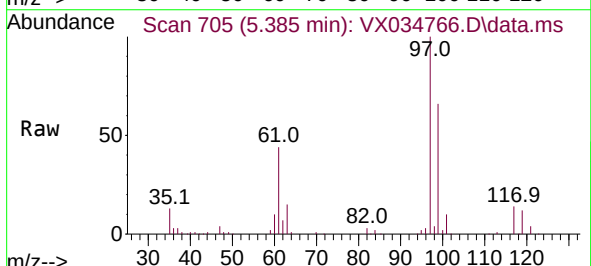
Tgt Ion: 97 Resp: 96515

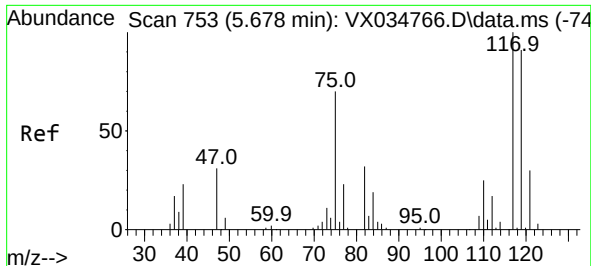
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

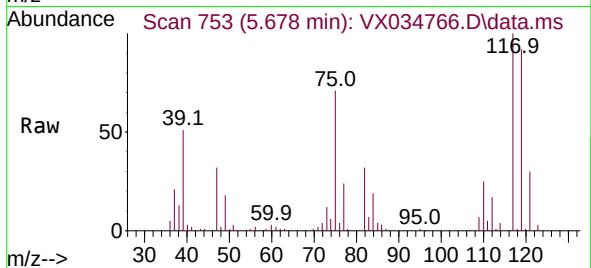
61 45.8 34.7 52.1





#33  
Carbon Tetrachloride  
Concen: 20.335 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

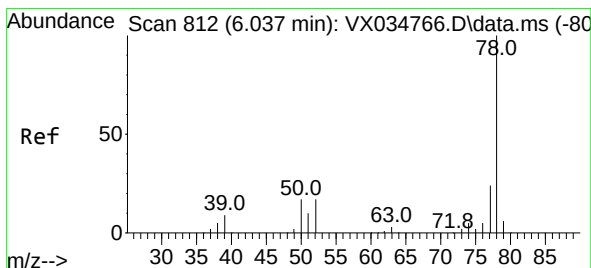
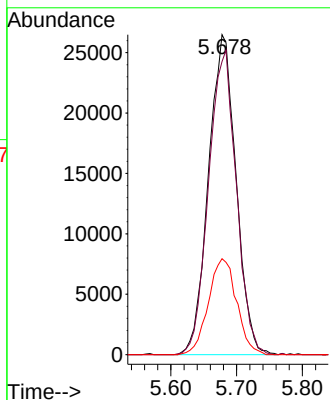
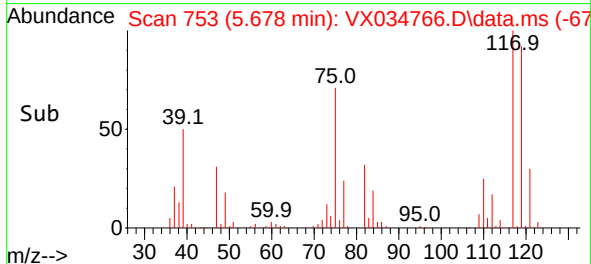
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:117 Resp: 77235  
Ion Ratio Lower Upper  
117 100  
119 91.6 73.8 110.6  
121 30.0 26.2 39.4

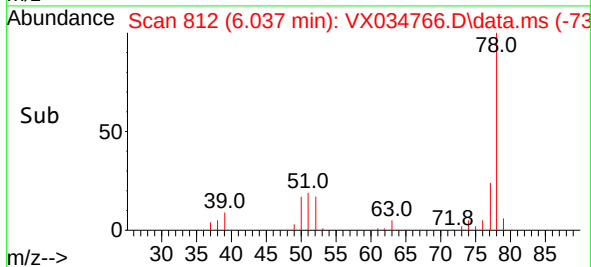
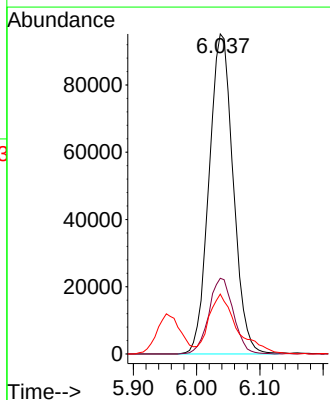
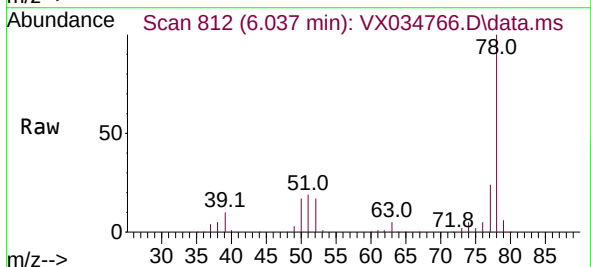
Manual Integrations  
APPROVED

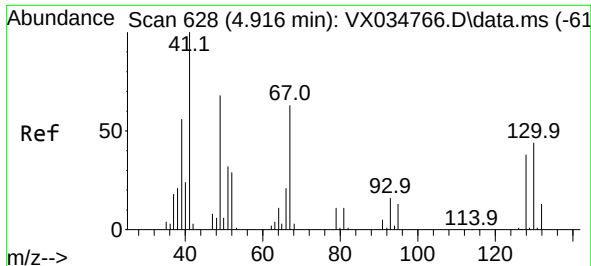
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#34  
Benzene  
Concen: 22.564 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

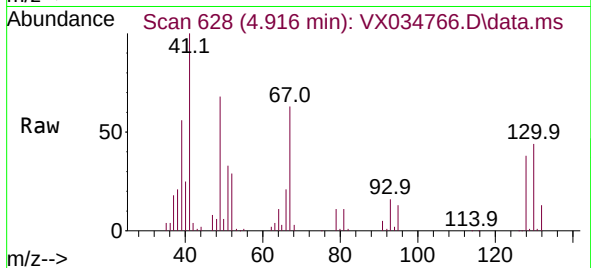
Tgt Ion: 78 Resp: 252131  
Ion Ratio Lower Upper  
78 100  
77 23.7 18.9 28.3  
51 18.2 11.9 17.9#





#35  
Methacrylonitrile  
Concen: 23.051 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

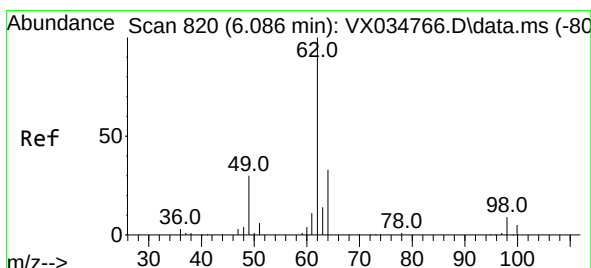
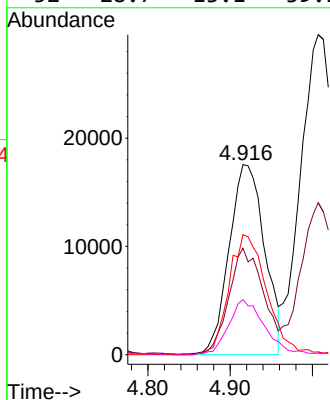
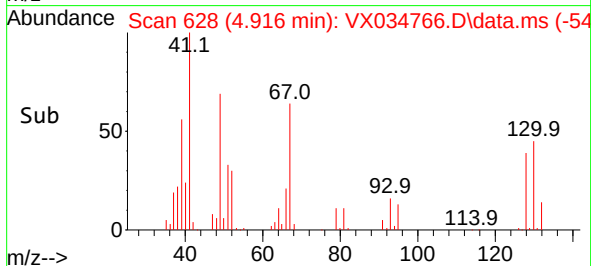
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 52774     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 39          | 56.0 27.0 80.8  |
| 67          | 63.1 37.3 111.8 |
| 52          | 28.7 13.1 39.1  |

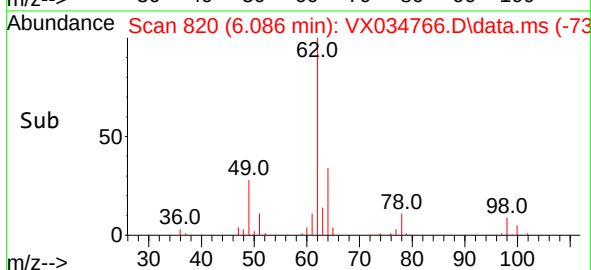
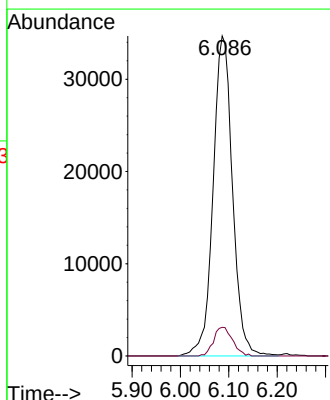
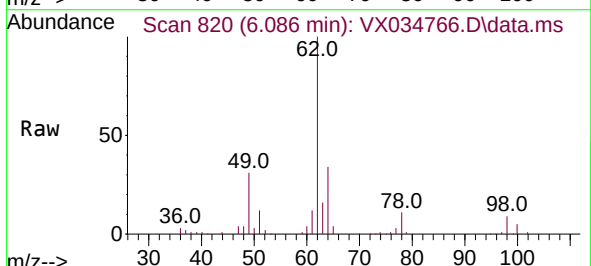
Manual Integrations  
APPROVED

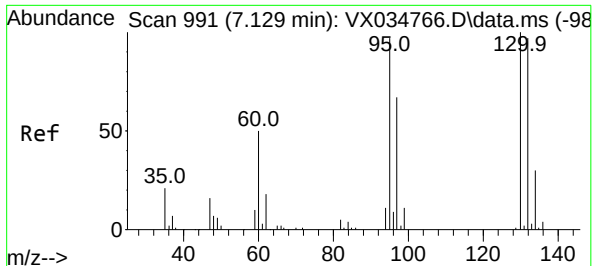
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#36  
1,2-Dichloroethane  
Concen: 23.969 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

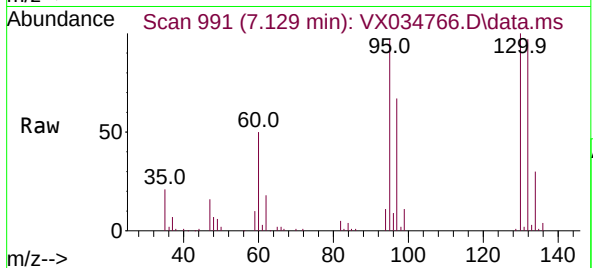
|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 96843  |
| Ion Ratio   | Lower Upper  |
| 62          | 100          |
| 98          | 8.8 8.2 12.4 |





#37  
Trichloroethene  
Concen: 20.115 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

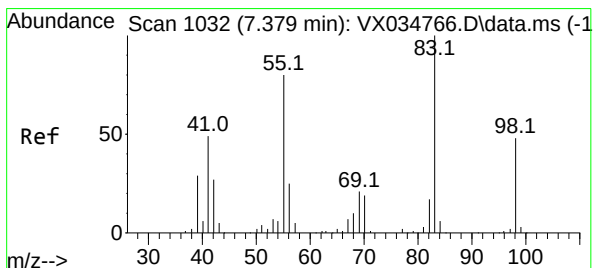
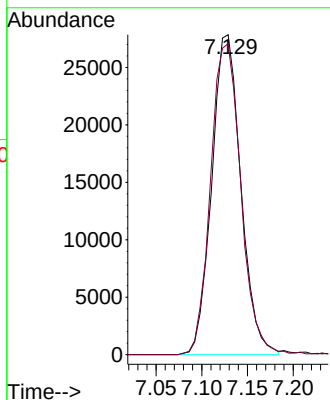
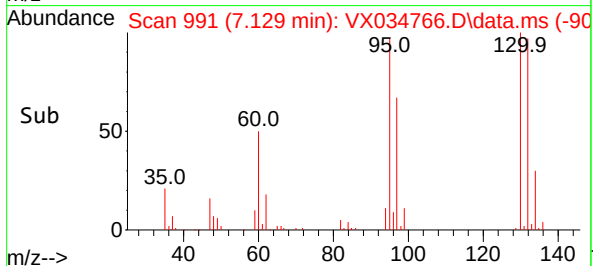
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



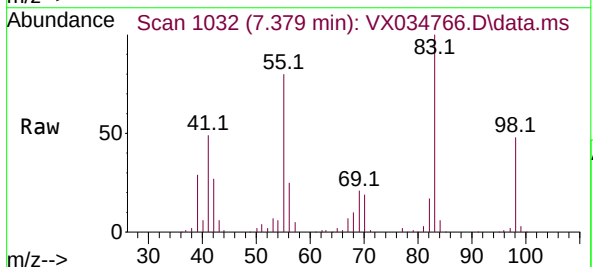
Tgt Ion:130 Resp: 6164  
Ion Ratio Lower Upper  
130 100  
95 97.2 74.1 111.1

Manual Integrations  
APPROVED

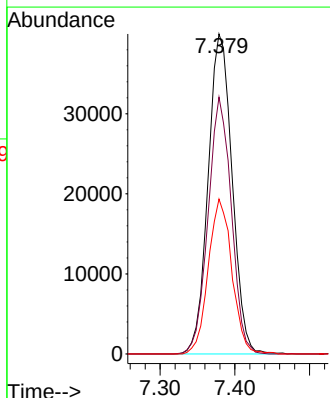
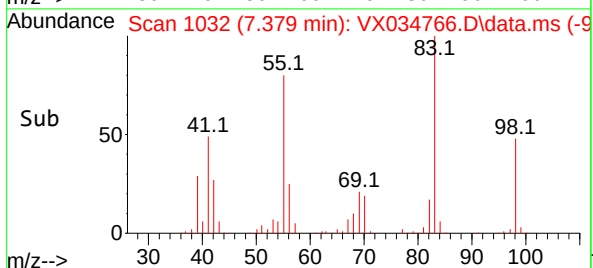
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

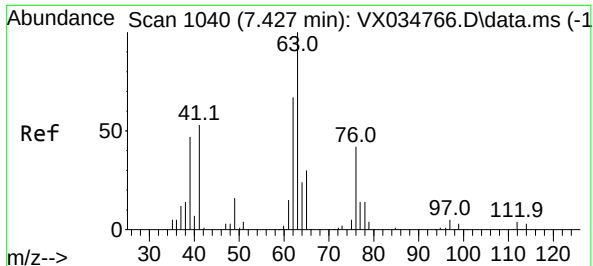


#38  
Methylcyclohexane  
Concen: 20.163 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



Tgt Ion: 83 Resp: 89283  
Ion Ratio Lower Upper  
83 100  
55 77.6 38.9 116.6  
98 47.5 25.4 76.4





#39

1,2-Dichloropropane

Concen: 23.245 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 63 Resp: 65000

Ion Ratio Lower Upper

63 100

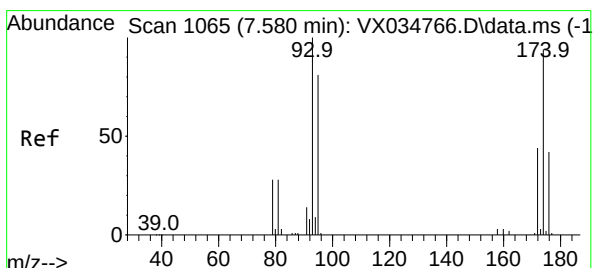
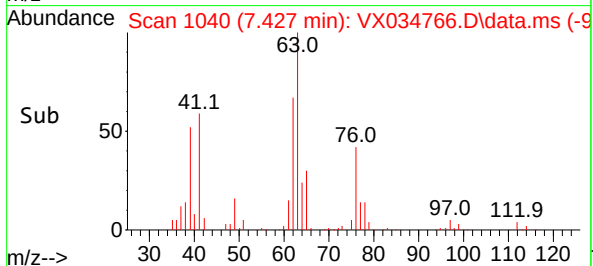
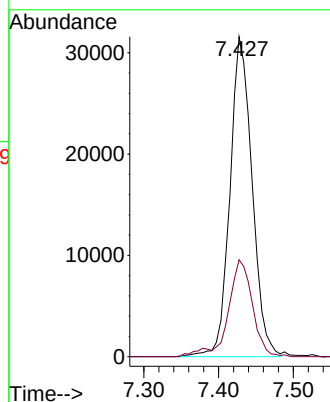
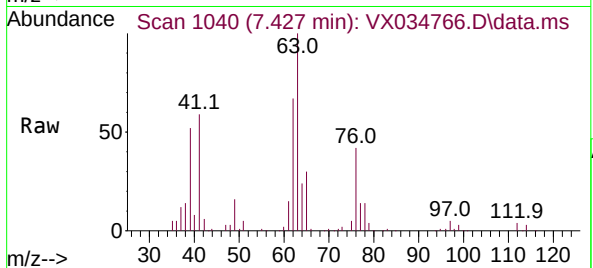
65 30.0 23.6 35.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#40

Dibromomethane

Concen: 22.900 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

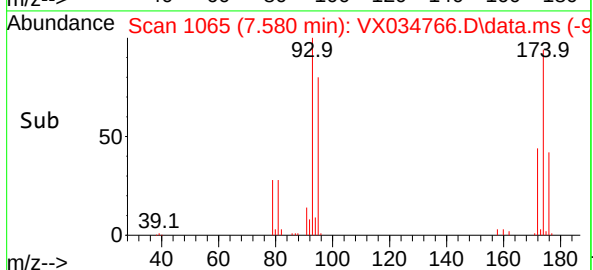
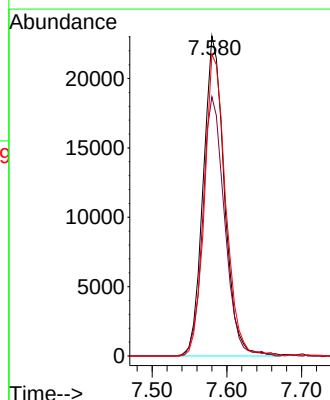
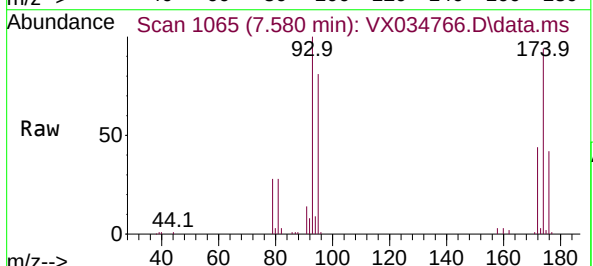
Tgt Ion: 93 Resp: 45216

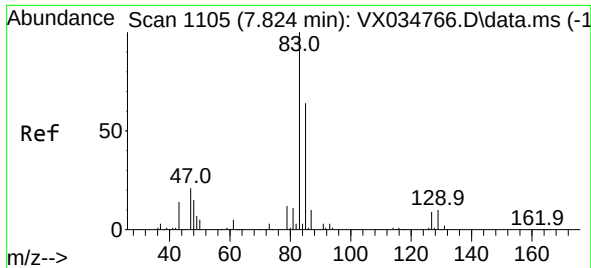
Ion Ratio Lower Upper

93 100

95 82.9 0.0 165.4

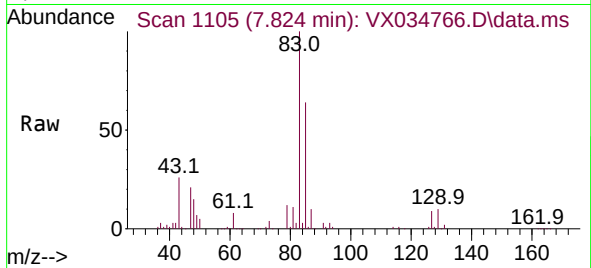
174 94.4 0.0 227.2





#41  
Bromodichloromethane  
Concen: 21.940 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

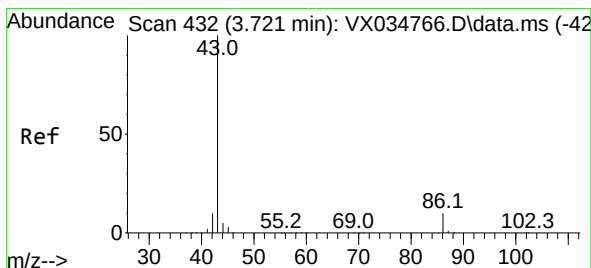
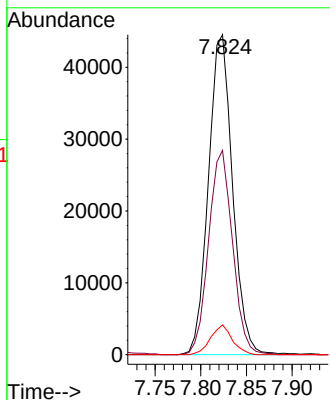
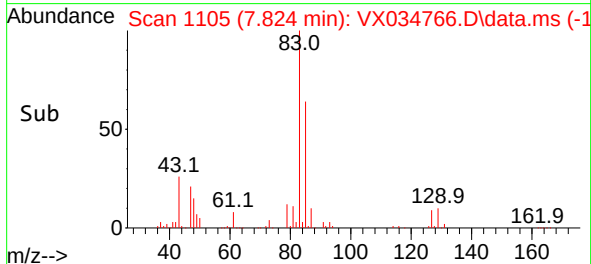
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 83 Resp: 81599  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.5 75.7  
127 10.3 7.2 10.8

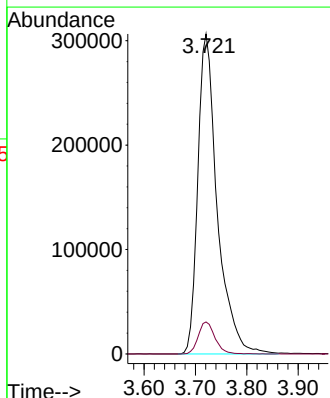
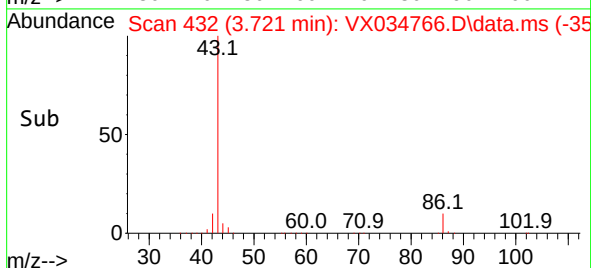
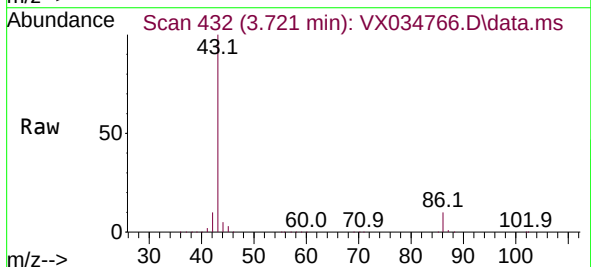
Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

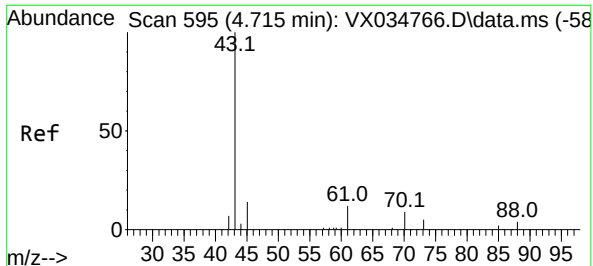


#42  
Vinyl Acetate  
Concen: 114.186 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 43 Resp: 805644  
Ion Ratio Lower Upper  
43 100  
86 8.6 7.5 11.3

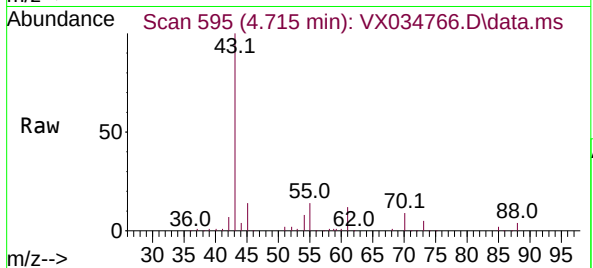






#43  
Ethyl Acetate  
Concen: 23.114 ug/l  
RT: 4.715 min Scan# 595  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

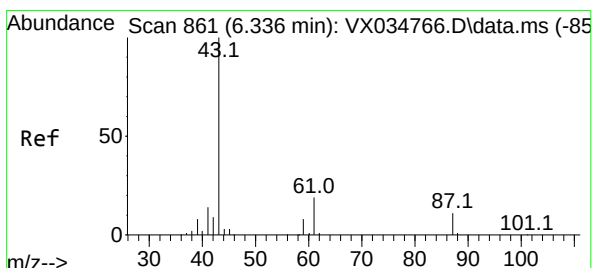
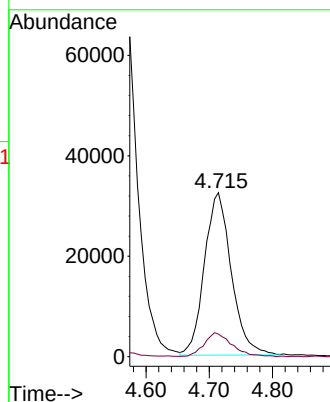
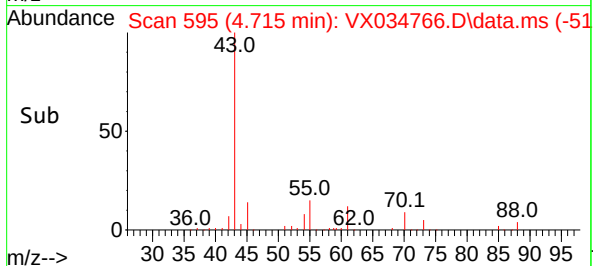
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



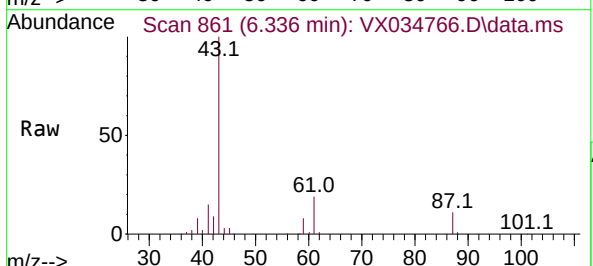
Tgt Ion: 43 Resp: 9586  
Ion Ratio Lower Upper  
43 100  
45 15.0 12.1 18.1

Manual Integrations  
APPROVED

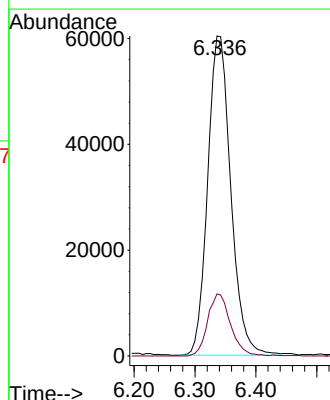
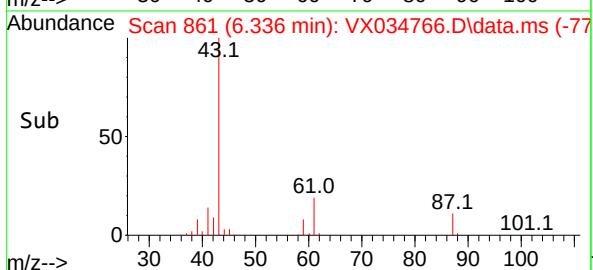
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

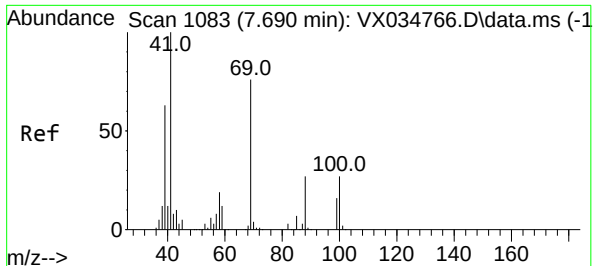


#44  
Isopropyl Acetate  
Concen: 24.786 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



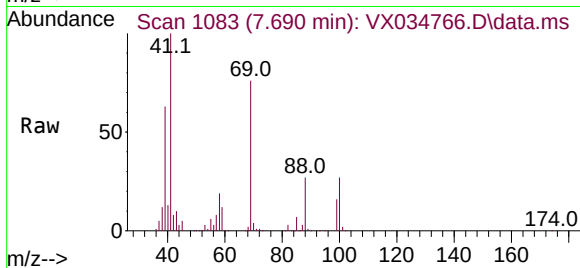
Tgt Ion: 43 Resp: 159237  
Ion Ratio Lower Upper  
43 100  
61 19.2 15.6 23.4





#45  
1,4-Dioxane  
Concen: 505.433 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

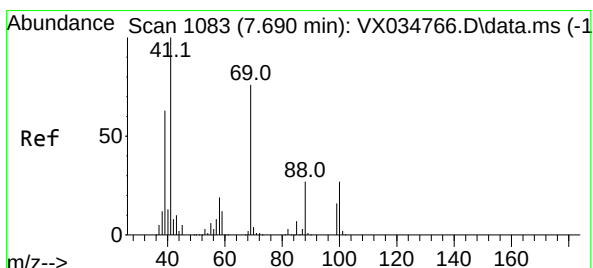
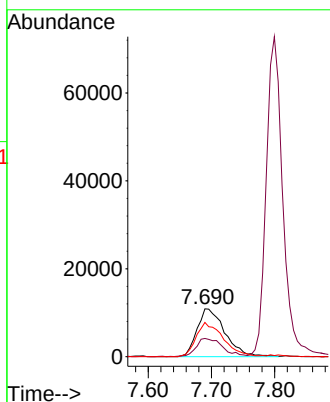
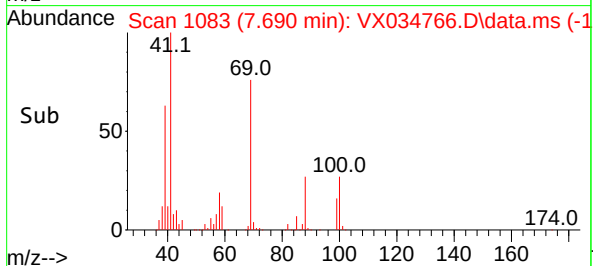
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 88 Resp: 33419  
Ion Ratio Lower Upper  
88 100  
43 33.1 2.8 4.2  
58 69.5 56.5 84.7

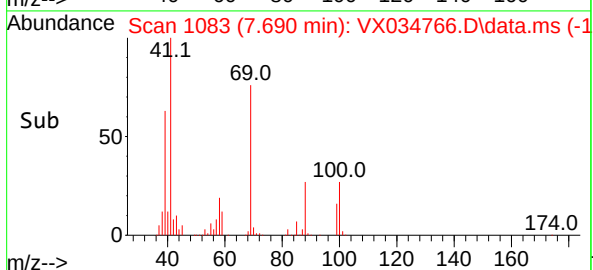
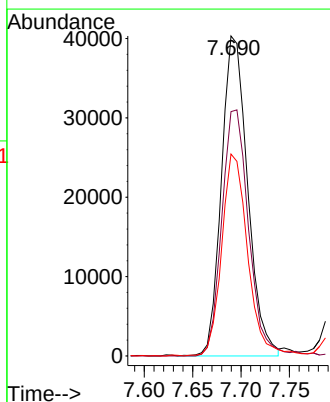
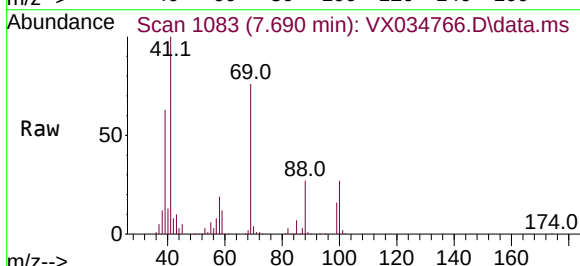
Manual Integrations  
APPROVED

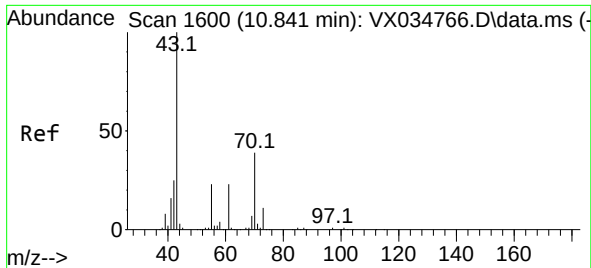
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#46  
Methyl methacrylate  
Concen: 23.652 ug/l  
RT: 7.690 min Scan# 1083  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

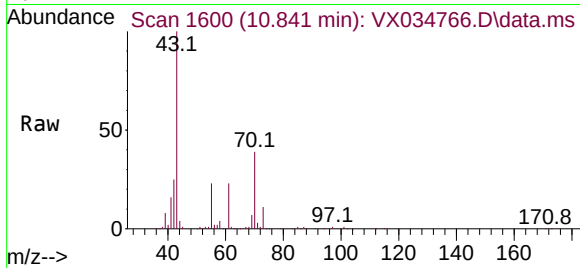
Tgt Ion: 41 Resp: 75872  
Ion Ratio Lower Upper  
41 100  
69 76.3 37.4 112.2  
39 62.9 27.2 81.5





#47  
n-amy1 Acetate  
Concen: 24.588 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

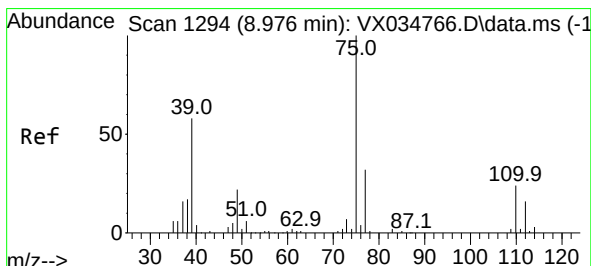
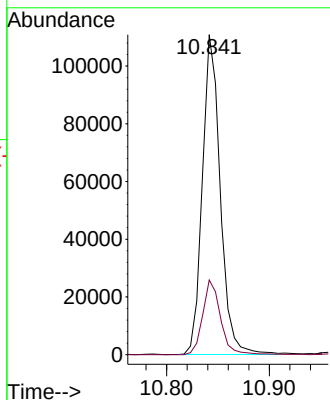
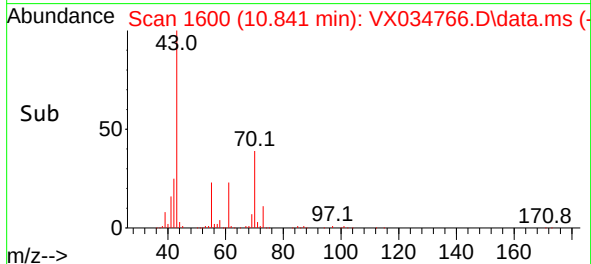
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 43 Resp: 13458  
Ion Ratio Lower Upper  
43 100  
55 23.3 19.8 29.6

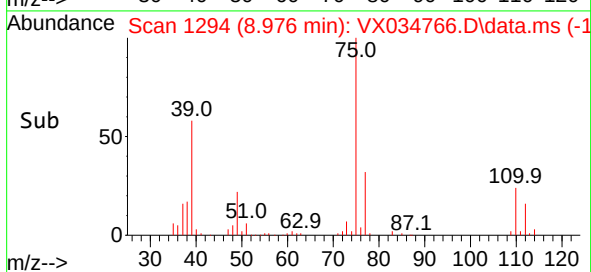
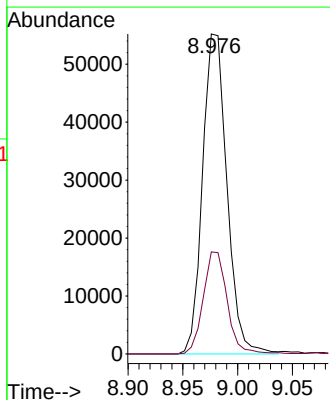
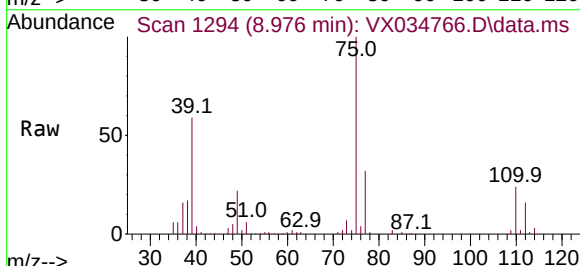
Manual Integrations  
APPROVED

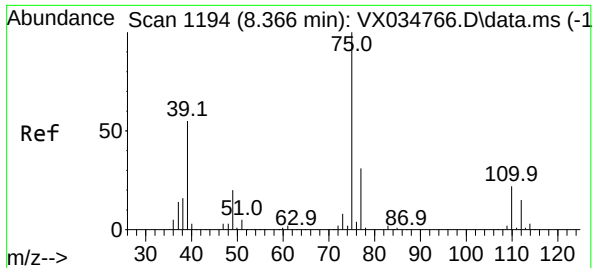
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#48  
t-1,3-Dichloropropene  
Concen: 21.527 ug/l  
RT: 8.976 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 75 Resp: 85669  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 21.876 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 75 Resp: 97339

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.8

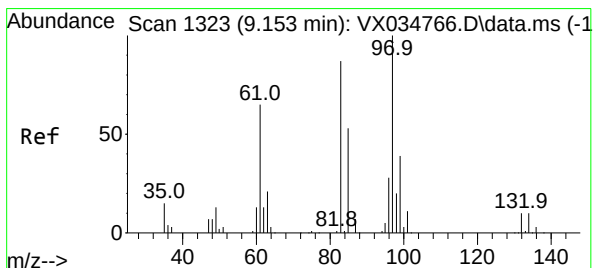
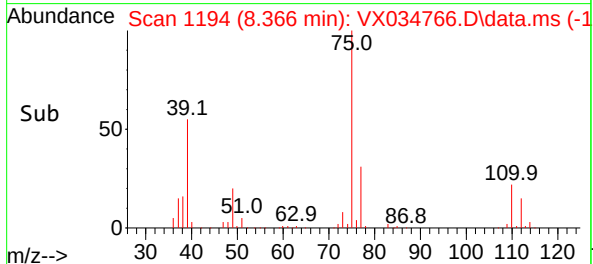
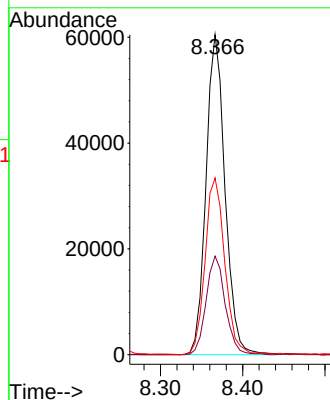
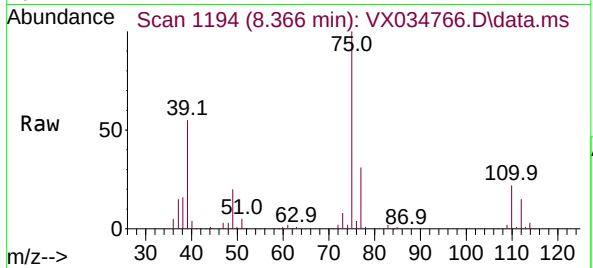
39 55.2 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#50

1,1,2-Trichloroethane

Concen: 21.286 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Tgt Ion: 97 Resp: 61760

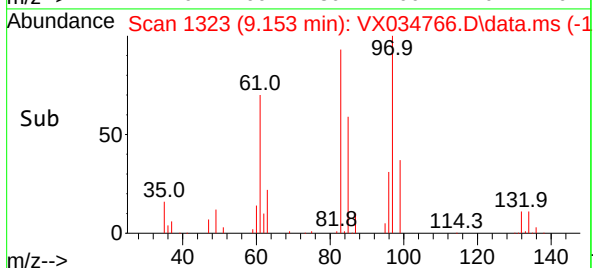
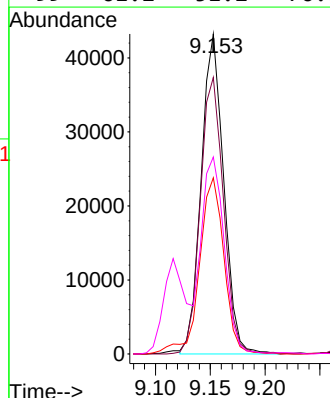
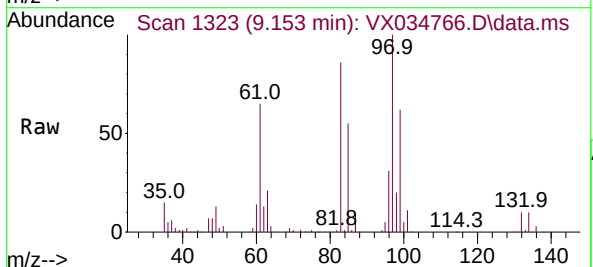
Ion Ratio Lower Upper

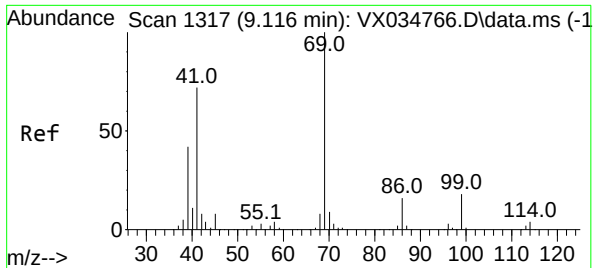
97 100

83 86.1 65.4 98.0

85 55.0 42.5 63.7

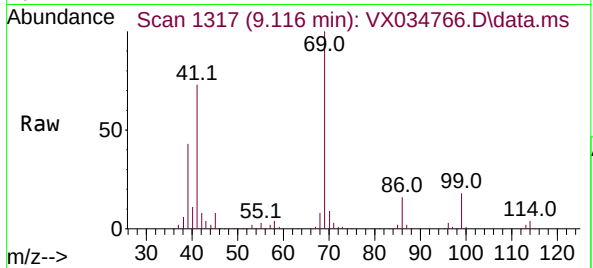
99 61.2 51.2 76.8





#51  
Ethyl methacrylate  
Concen: 22.752 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

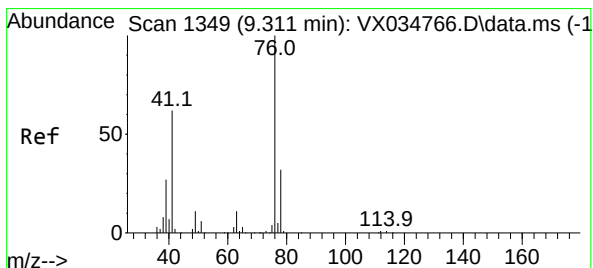
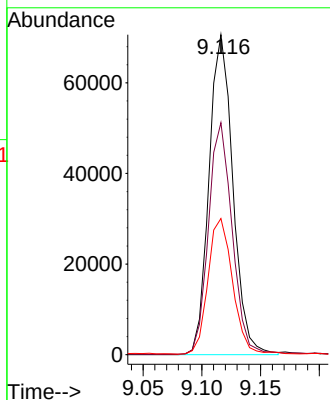
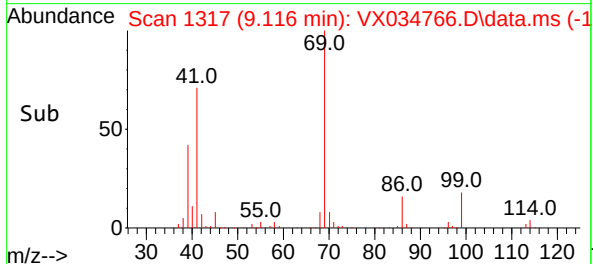
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



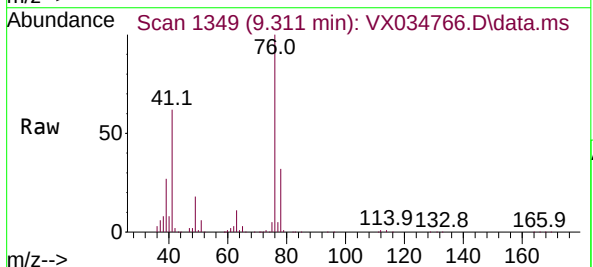
Tgt Ion: 69 Resp: 9996  
Ion Ratio Lower Upper  
69 100  
41 72.4 35.8 107.3  
39 42.4 20.2 60.6

Manual Integrations  
APPROVED

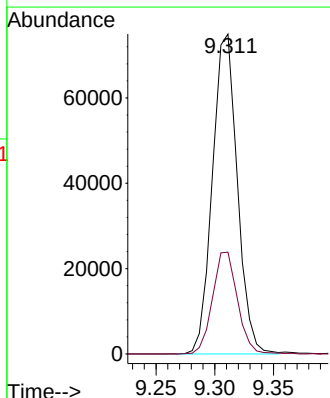
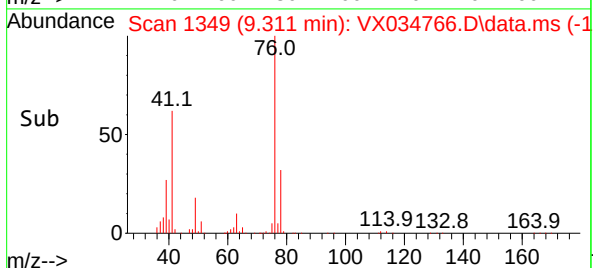
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

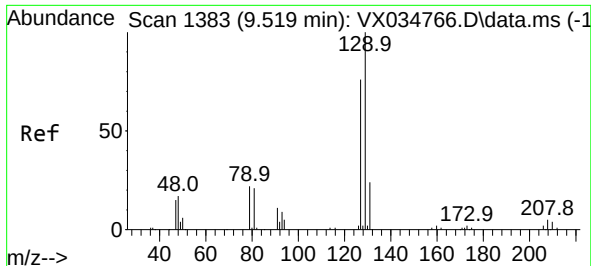


#52  
1,3-Dichloropropane  
Concen: 22.326 ug/l  
RT: 9.311 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



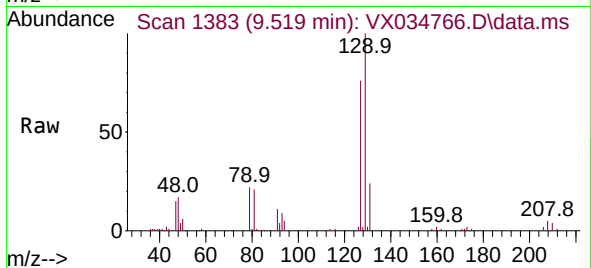
Tgt Ion: 76 Resp: 110700  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 65.6





#53  
Dibromochloromethane  
Concen: 18.798 ug/l  
RT: 9.519 min Scan# 1383  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

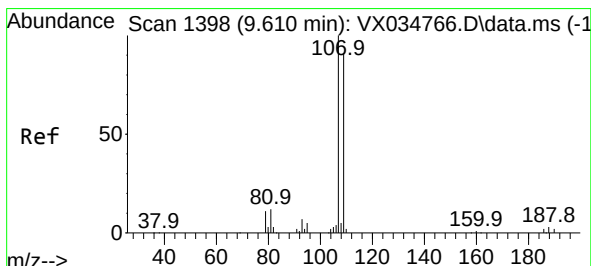
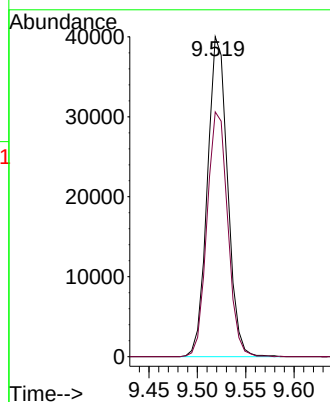
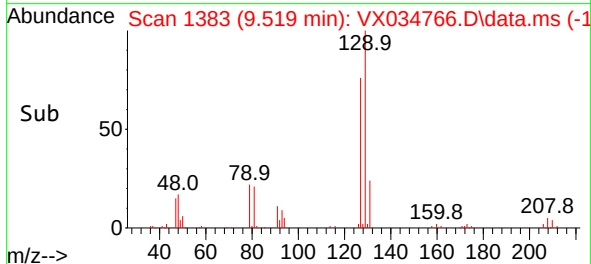
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:129 Resp: 58132  
Ion Ratio Lower Upper  
129 100  
127 78.3 38.6 116.0

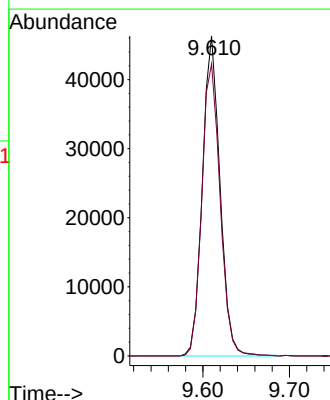
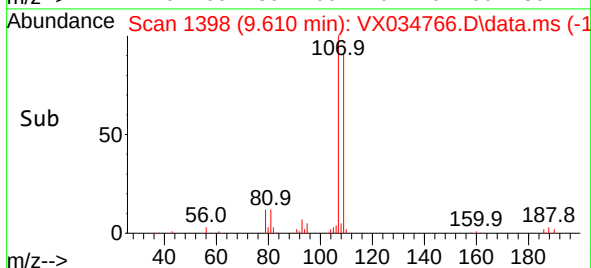
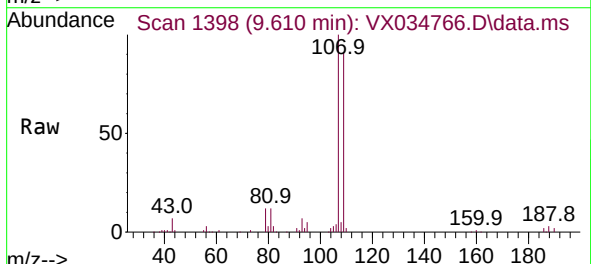
Manual Integrations  
APPROVED

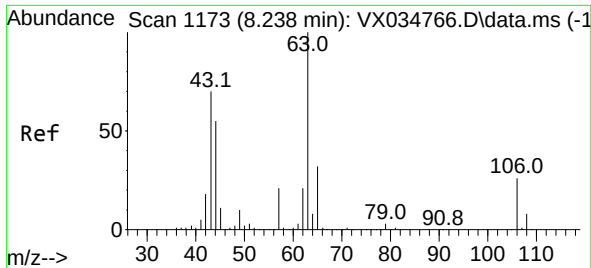
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#54  
1,2-Dibromoethane  
Concen: 20.914 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion:107 Resp: 65416  
Ion Ratio Lower Upper  
107 100  
109 94.3 75.7 113.5





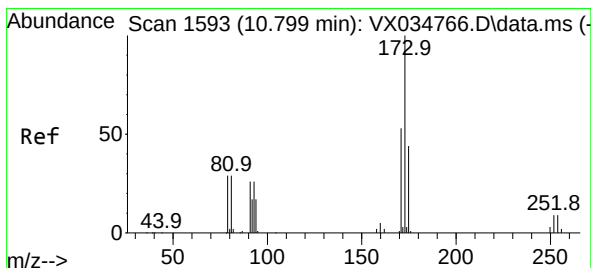
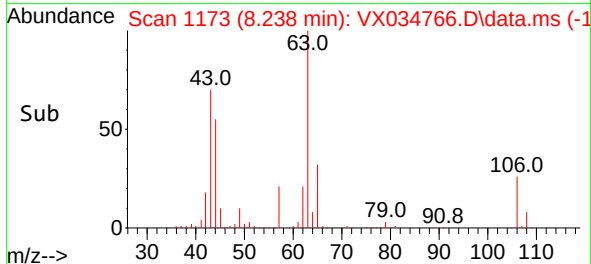
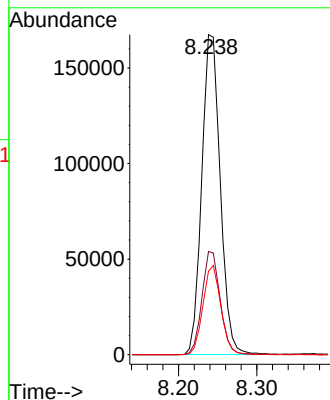
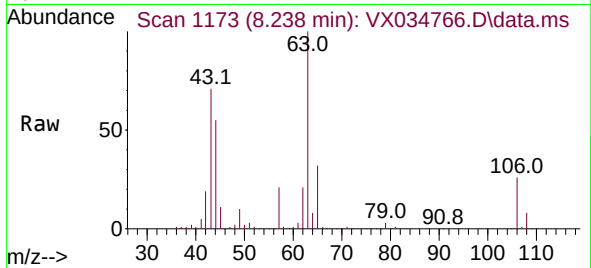
#55  
2-Chloroethyl vinyl ether  
Concen: 129.048 ug/l  
RT: 8.238 min Scan# 1173  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 63 Resp: 27457  
Ion Ratio Lower Upper  
63 100  
65 31.8 25.4 38.2  
106 27.0 23.9 35.9

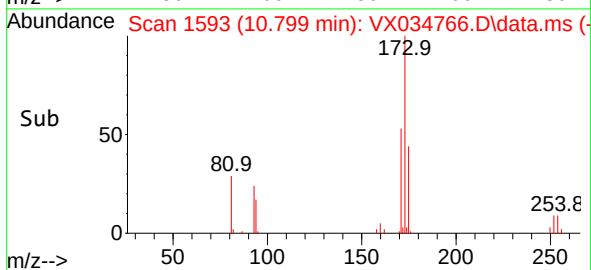
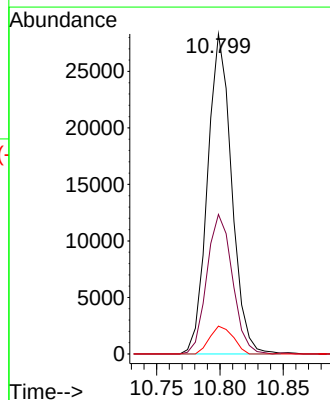
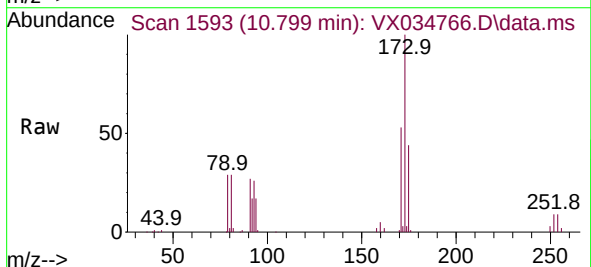
Manual Integrations  
APPROVED

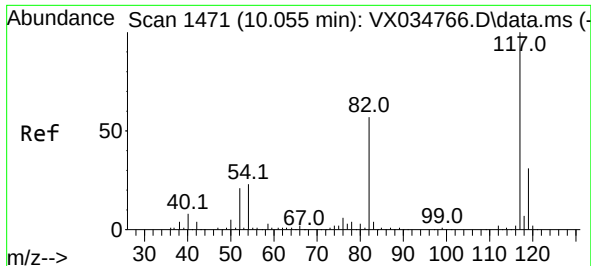
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#56  
Bromoform  
Concen: 16.262 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion:173 Resp: 37525  
Ion Ratio Lower Upper  
173 100  
175 46.2 39.8 59.6  
254 8.4 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 117 Resp: 20919

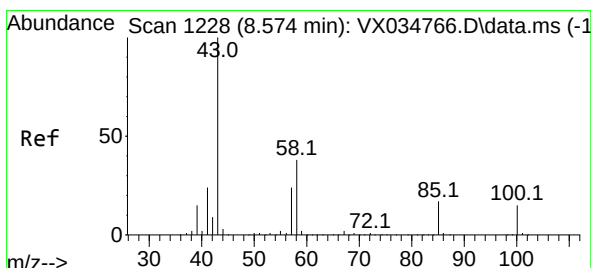
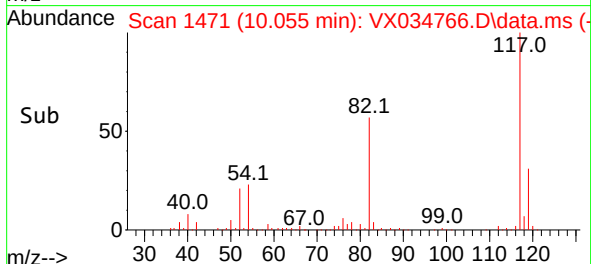
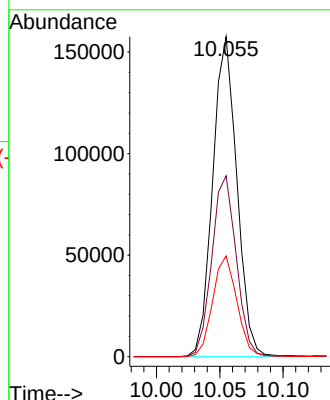
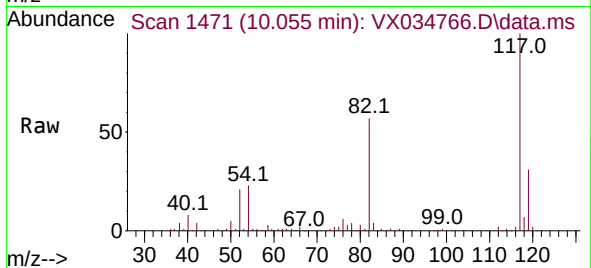
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 57.3  | 42.6  | 64.0  |
| 119 | 31.7  | 26.4  | 39.6  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#58

4-Methyl-2-Pentanone

Concen: 124.563 ug/l

RT: 8.574 min Scan# 1228

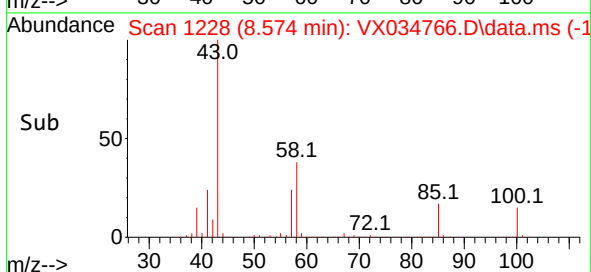
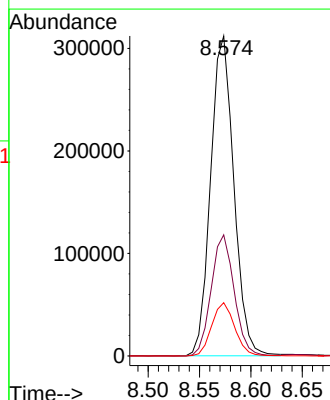
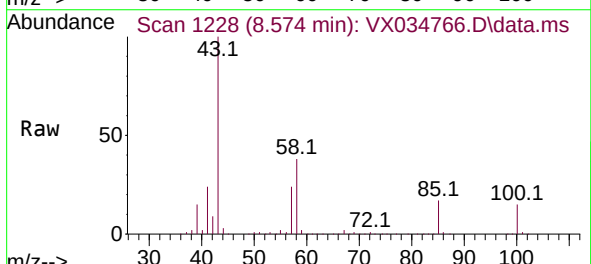
Delta R.T. 0.000 min

Lab File: VX034766.D

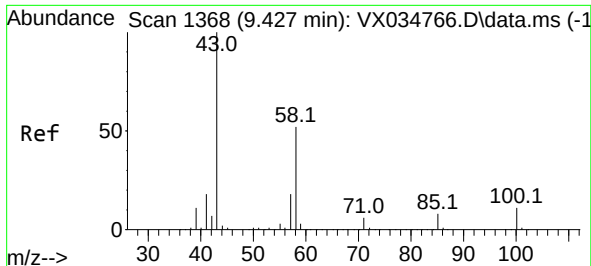
Acq: 27 Mar 2023 22:57

Tgt Ion: 43 Resp: 490188

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 37.4  | 29.8  | 44.6  |
| 85  | 16.5  | 13.7  | 20.5  |

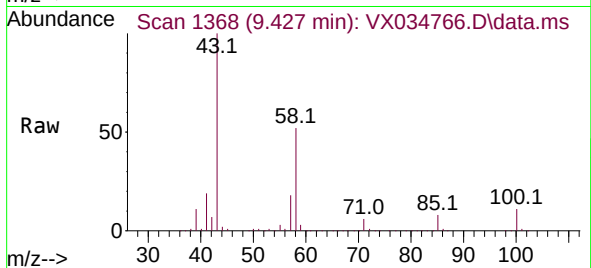






#59  
2-Hexanone  
Concen: 123.783 ug/l  
RT: 9.427 min Scan# 1368  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

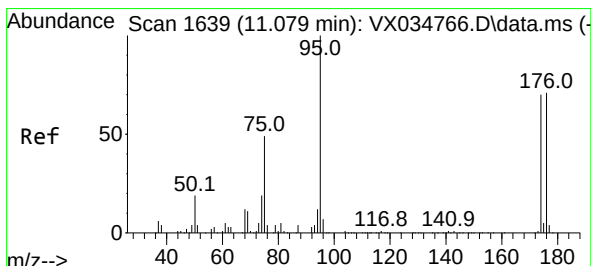
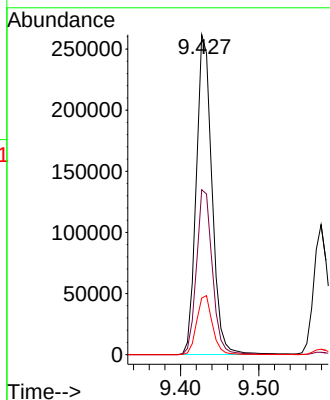
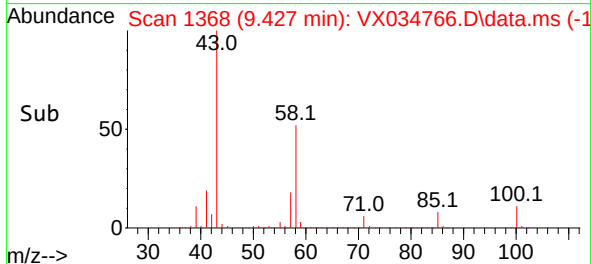
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



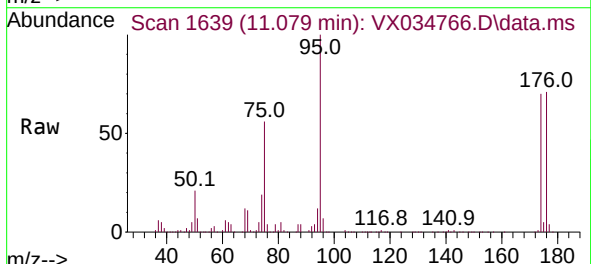
Tgt Ion: 43 Resp: 365529  
Ion Ratio Lower Upper  
43 100  
58 52.1 41.6 62.4  
57 18.4 14.6 21.8

Manual Integrations  
APPROVED

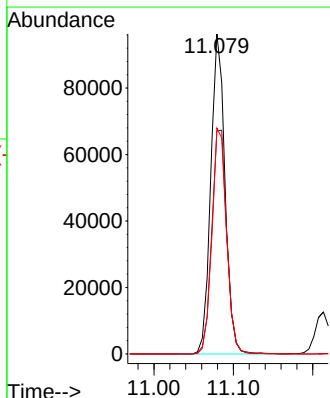
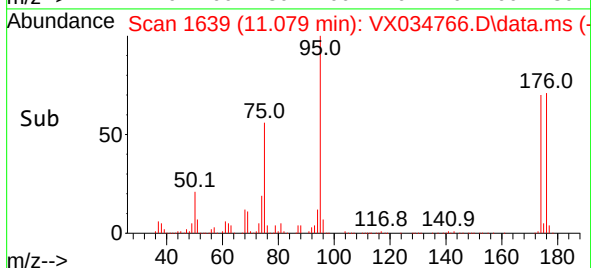
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

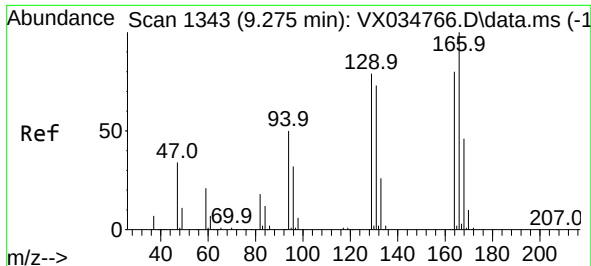


#60  
4-Bromofluorobenzene  
Concen: 31.791 ug/l m  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



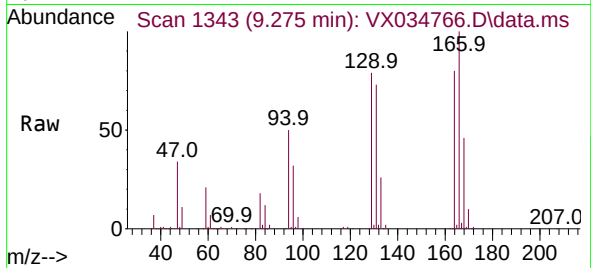
Tgt Ion: 95 Resp: 119915  
Ion Ratio Lower Upper  
95 100  
174 0.3 74.6 111.8#  
176 0.2 72.2 108.2#





#61  
Tetrachloroethene  
Concen: 19.075 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

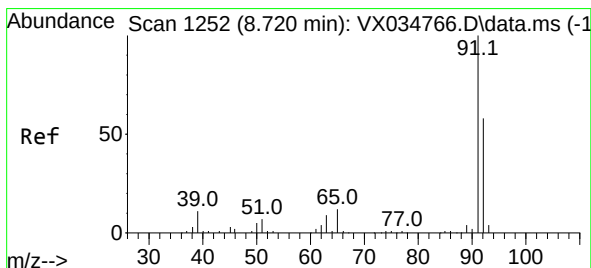
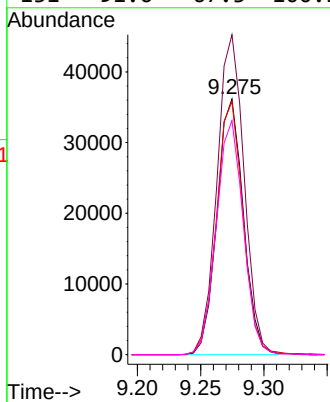
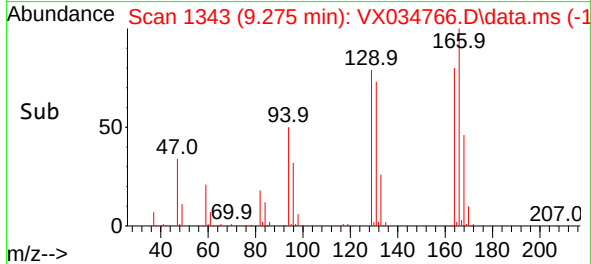
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



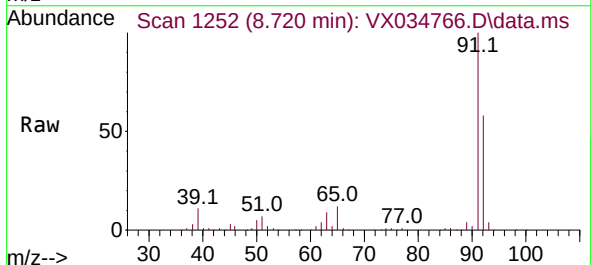
Tgt Ion:164 Resp: 52392  
Ion Ratio Lower Upper  
164 100  
166 125.1 100.6 151.0  
129 98.9 69.9 104.9  
131 91.6 67.3 100.9

Manual Integrations  
APPROVED

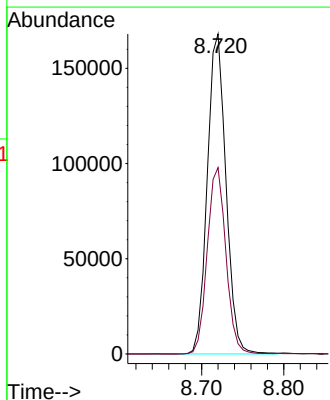
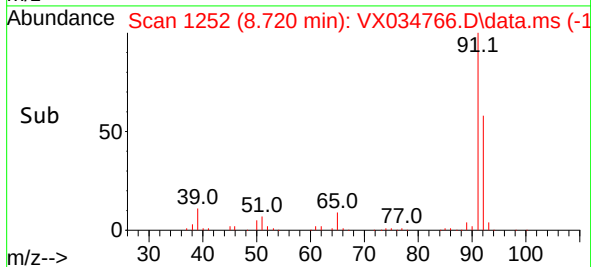
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

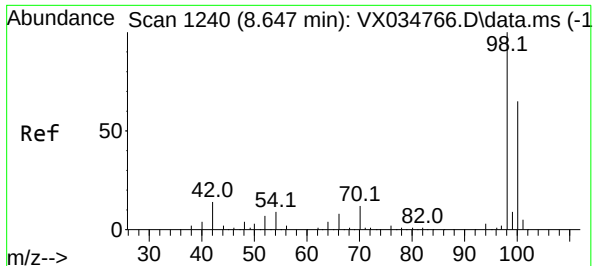


#62  
Toluene  
Concen: 22.364 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



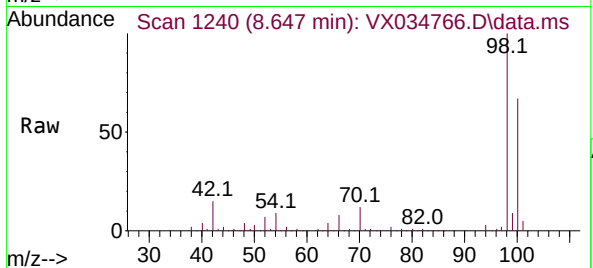
Tgt Ion: 91 Resp: 264945  
Ion Ratio Lower Upper  
91 100  
92 58.1 47.5 71.3





#63  
Toluene-d8  
Concen: 31.621 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

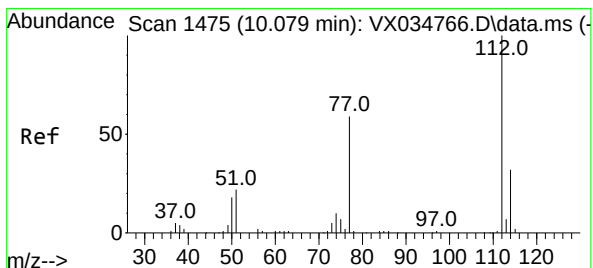
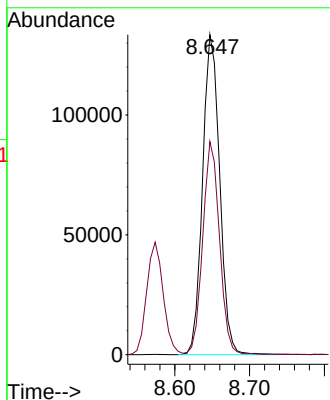
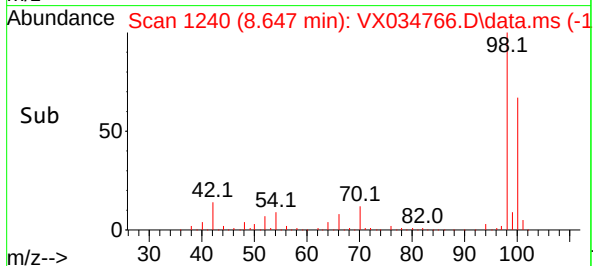
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 98 Resp: 212599  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.7 79.1

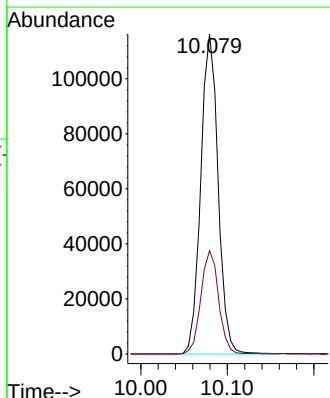
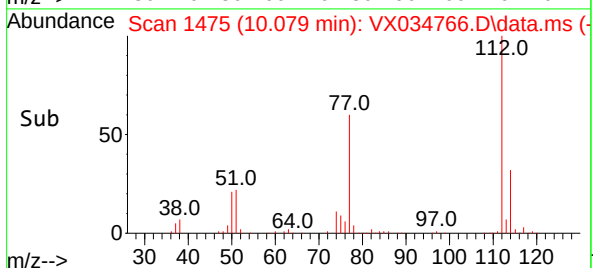
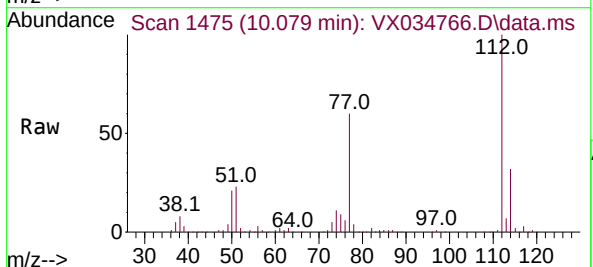
Manual Integrations  
APPROVED

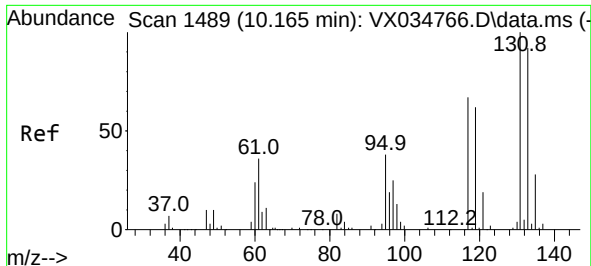
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#64  
Chlorobenzene  
Concen: 20.753 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

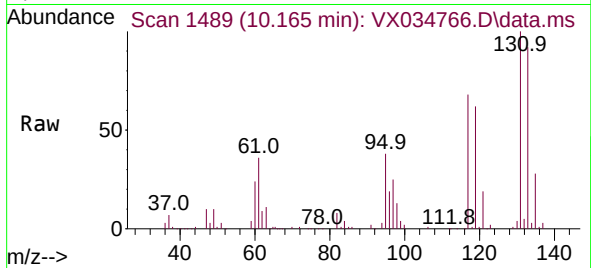
Tgt Ion:112 Resp: 161737  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.7 38.5





#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.981 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

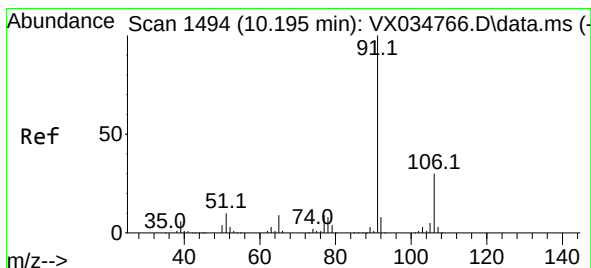
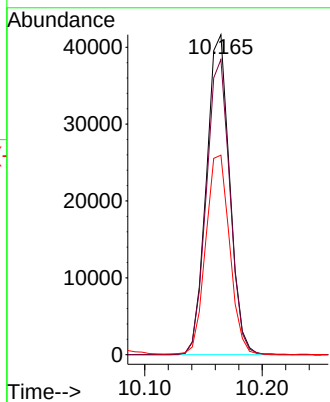
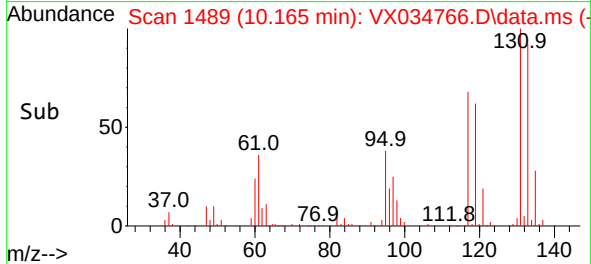
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:131 Resp: 5733  
Ion Ratio Lower Upper  
131 100  
133 93.3 0.0 188.8  
119 64.3 0.0 123.4

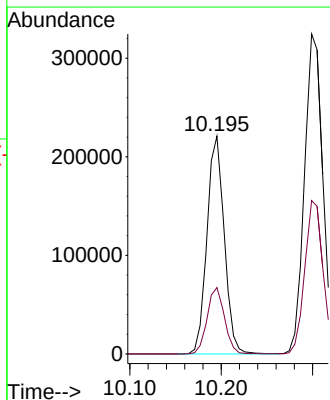
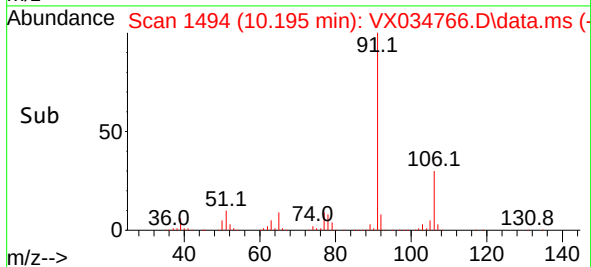
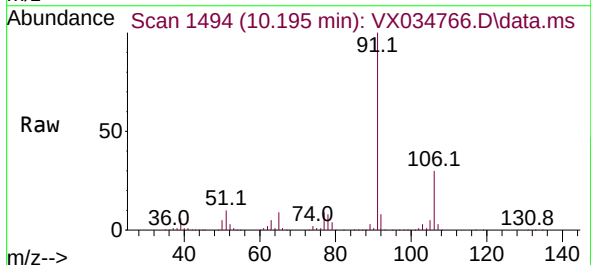
Manual Integrations  
APPROVED

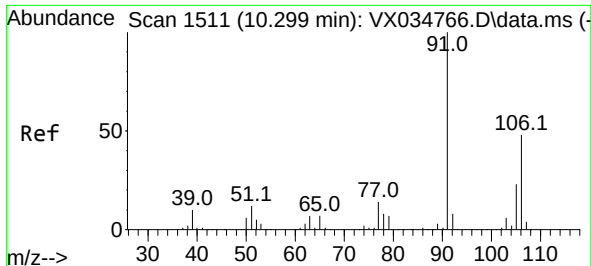
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#66  
Ethyl Benzene  
Concen: 21.505 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 91 Resp: 289686  
Ion Ratio Lower Upper  
91 100  
106 30.5 26.7 40.1





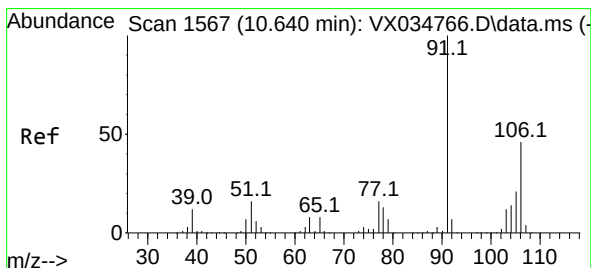
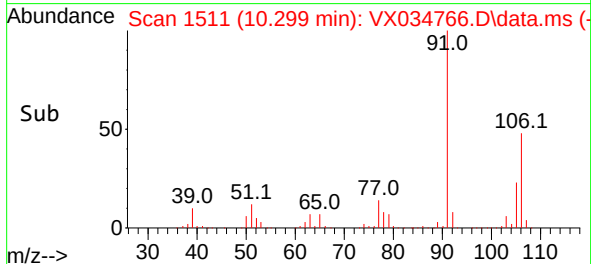
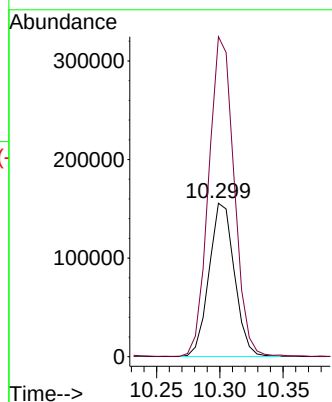
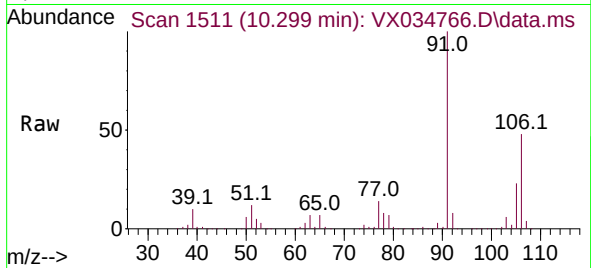
#67  
m/p-Xylenes  
Concen: 41.204 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:106 Resp: 216904  
Ion Ratio Lower Upper  
106 100  
91 209.3 159.7 239.5

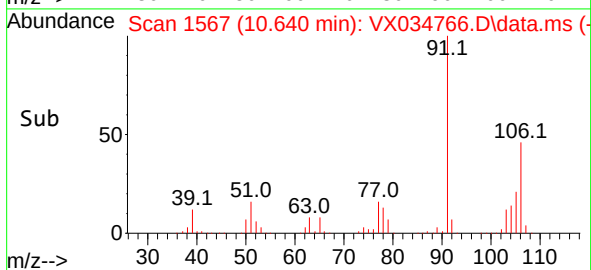
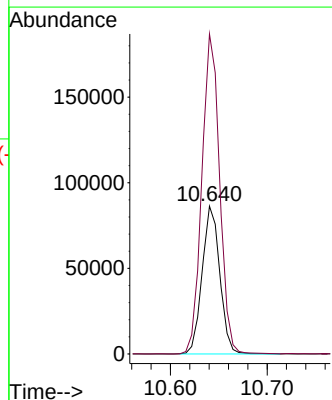
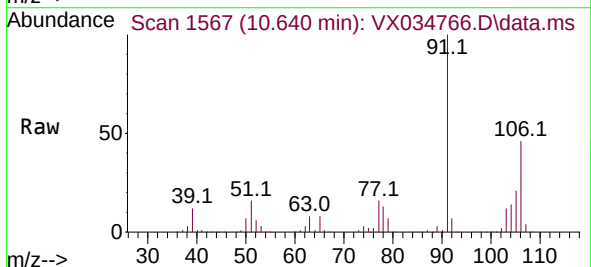
Manual Integrations  
APPROVED

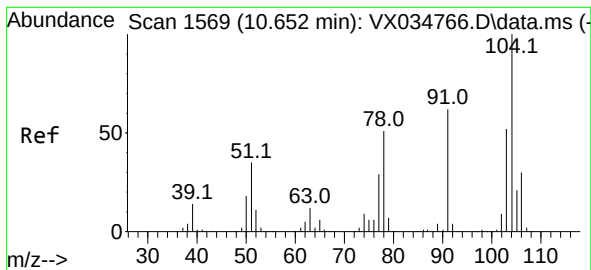
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#68  
o-Xylene  
Concen: 20.941 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion:106 Resp: 109919  
Ion Ratio Lower Upper  
106 100  
91 217.9 102.8 308.5





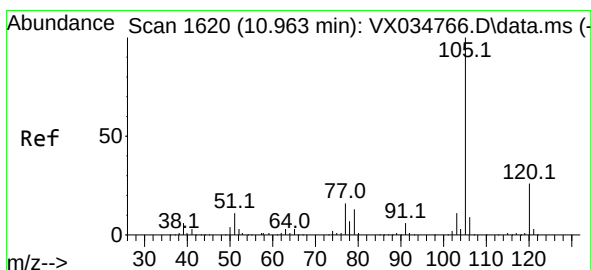
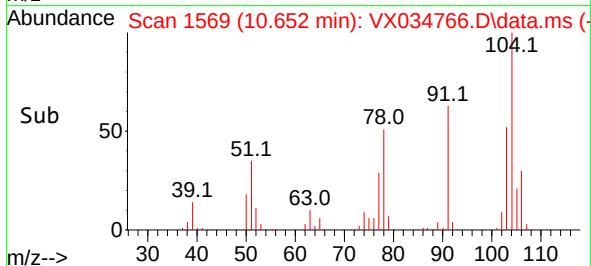
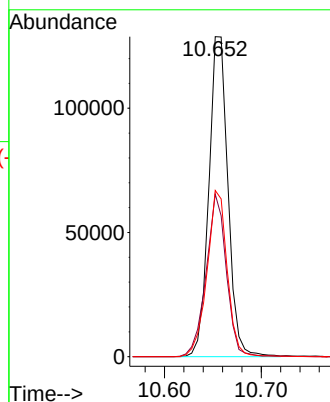
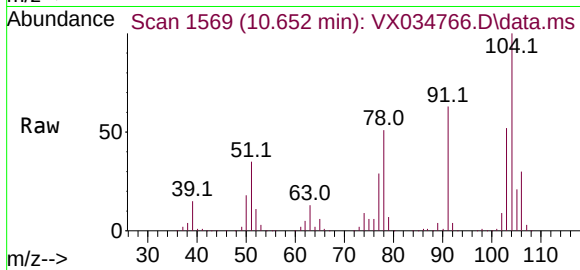
#69  
Styrene  
Concen: 20.675 ug/l  
RT: 10.652 min Scan# 1569  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion:104 Resp: 177600  
Ion Ratio Lower Upper  
104 100  
78 53.5 37.6 56.4  
103 54.8 44.2 66.4

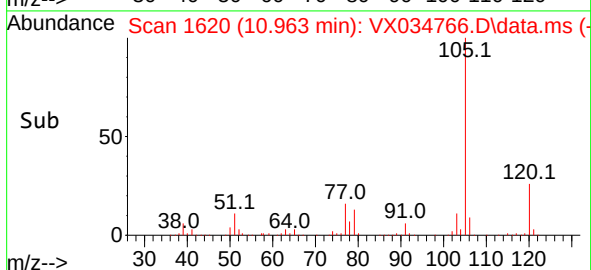
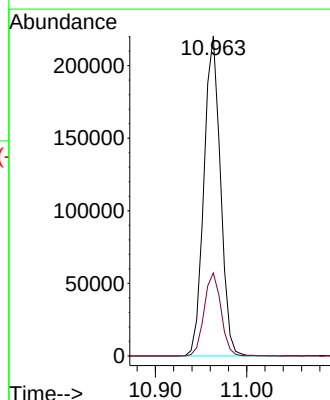
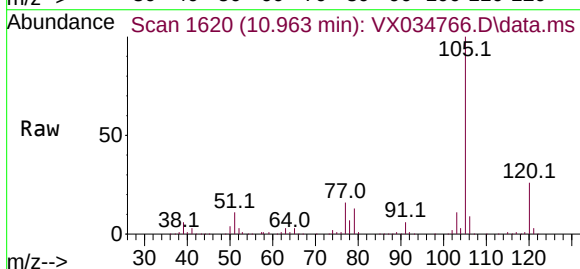
Manual Integrations  
APPROVED

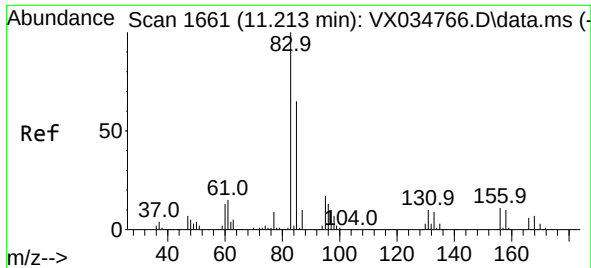
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#70  
Isopropylbenzene  
Concen: 20.585 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion:105 Resp: 276381  
Ion Ratio Lower Upper  
105 100  
120 26.4 19.7 36.5





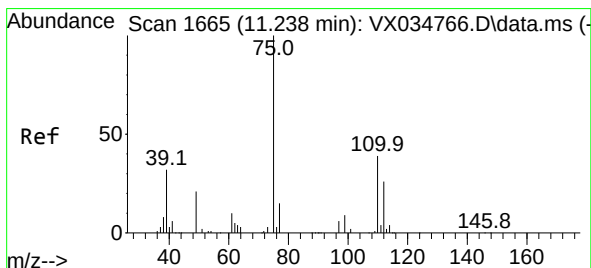
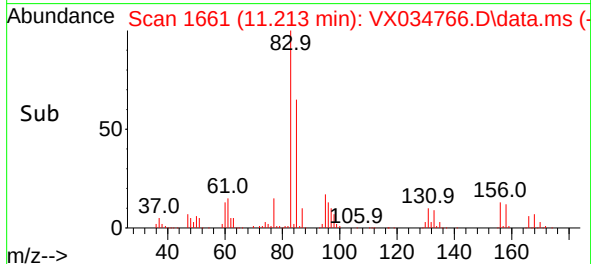
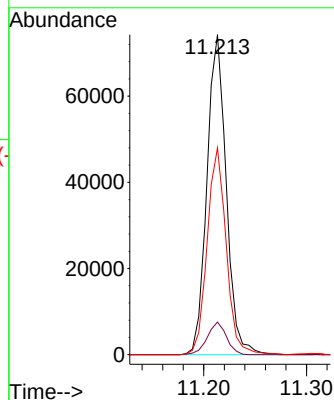
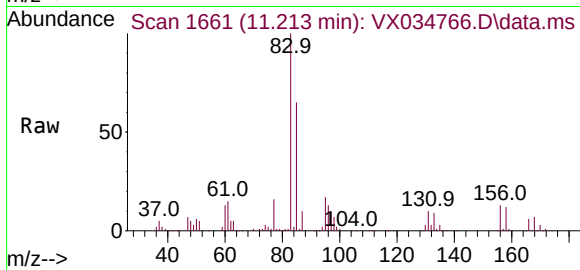
#71  
1,1,2,2-Tetrachloroethane  
Concen: 23.203 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 83 Resp: 9692  
Ion Ratio Lower Upper  
83 100  
131 10.1 5.7 17.0  
85 63.7 33.3 99.8

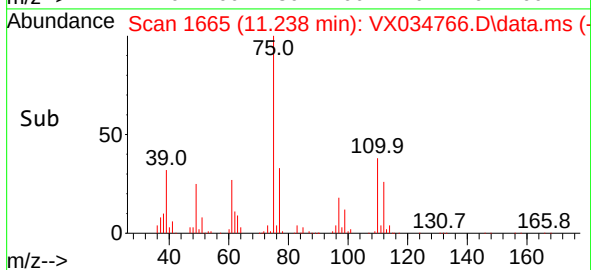
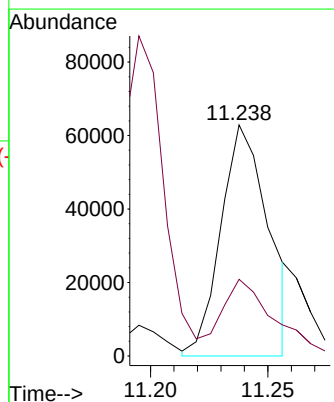
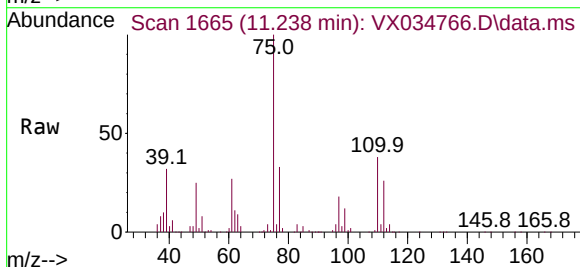
Manual Integrations  
APPROVED

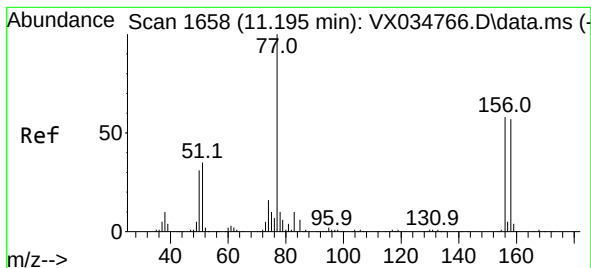
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#72  
1,2,3-Trichloropropane  
Concen: 23.262 ug/l m  
RT: 11.238 min Scan# 1665  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 75 Resp: 88267  
Ion Ratio Lower Upper  
75 100  
77 36.9 0.0 75.6





#73

Bromobenzene

Concen: 19.002 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

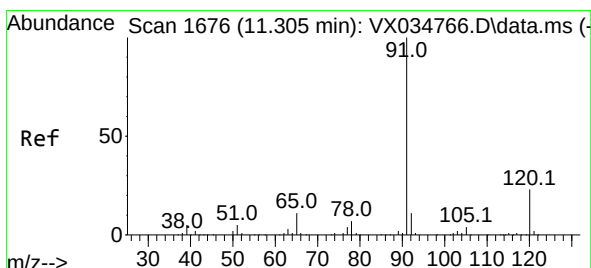
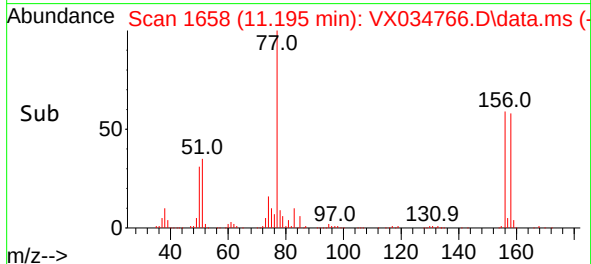
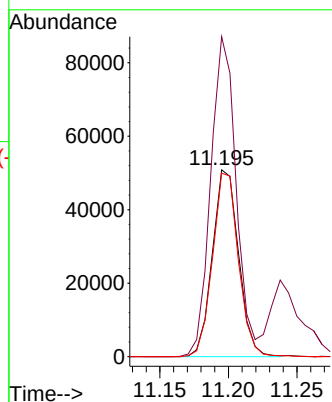
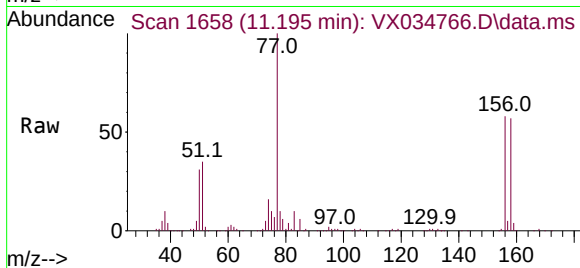
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 156   | Resp: | 67659 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 165.4 | 0.0   | 269.4 |
| 158       | 96.7  | 0.0   | 192.6 |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#74

n-propylbenzene

Concen: 20.877 ug/l

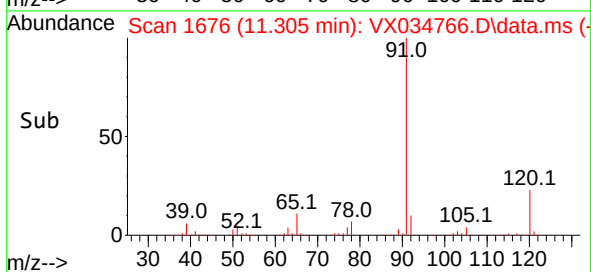
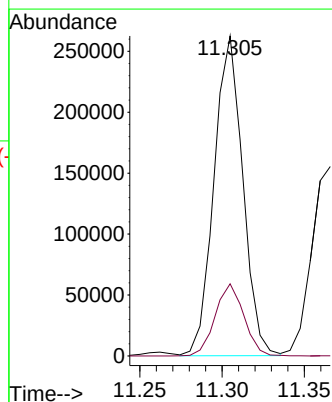
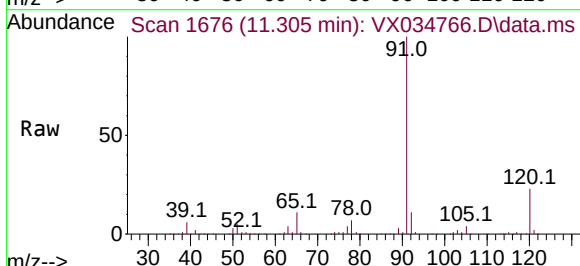
RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

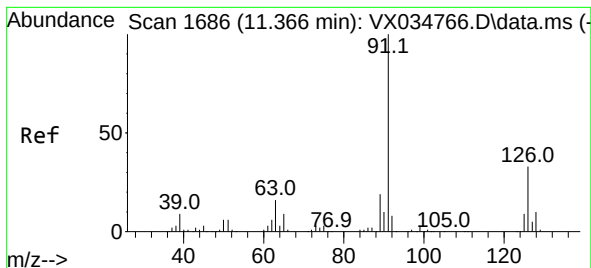
Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 319519 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.4  | 0.0   | 48.8   |







#75

2-Chlorotoluene

Concen: 21.668 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 19933

Ion Ratio Lower Upper

91 100

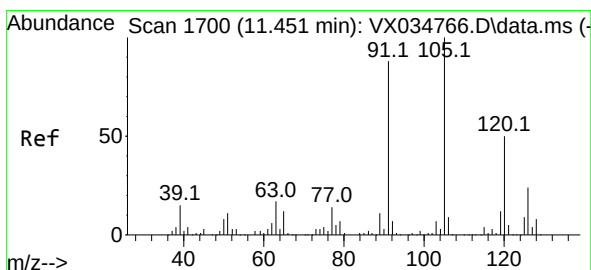
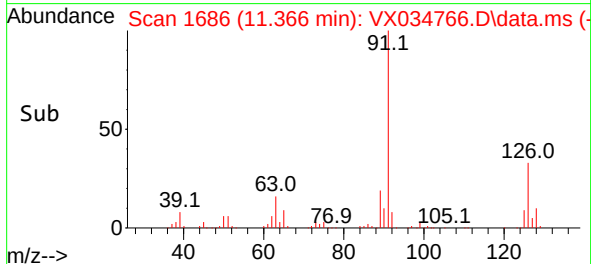
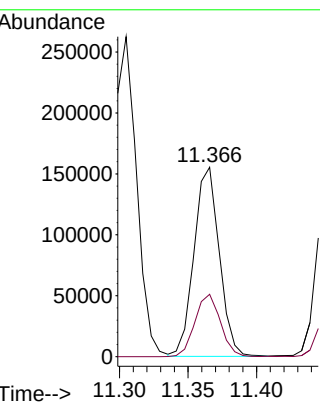
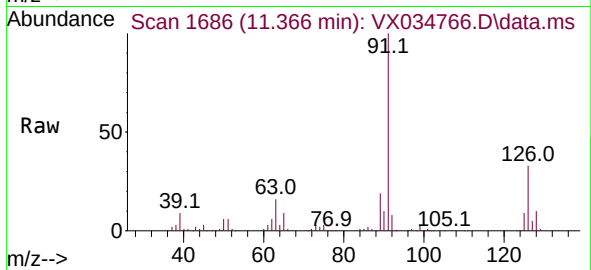
126 33.2 0.0 73.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#76

1,3,5-Trimethylbenzene

Concen: 20.847 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034766.D

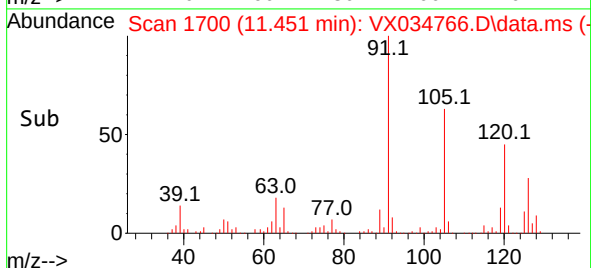
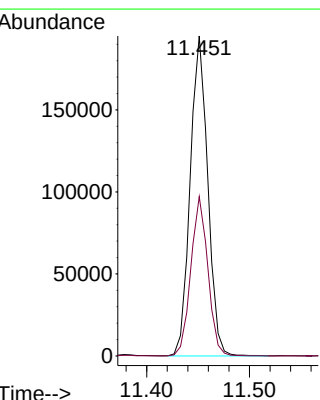
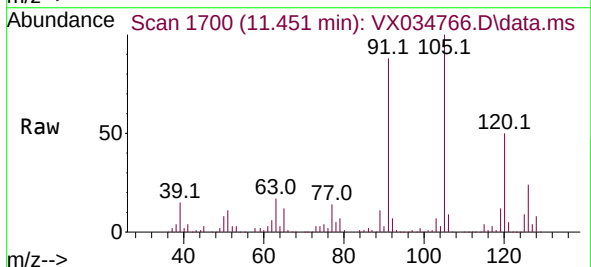
Acq: 27 Mar 2023 22:57

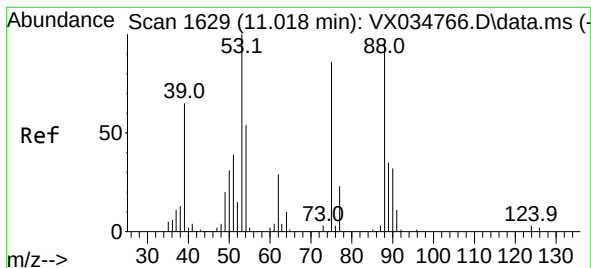
Tgt Ion:105 Resp: 231831

Ion Ratio Lower Upper

105 100

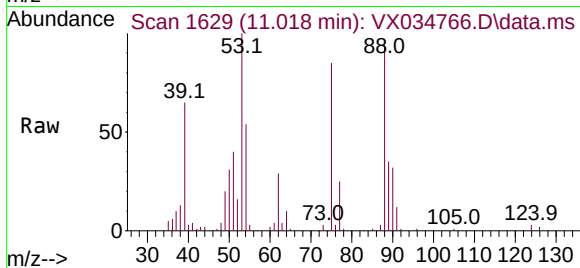
120 48.2 0.0 102.2





#77  
t-1,4-Dichloro-2-butene  
Concen: 20.143 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

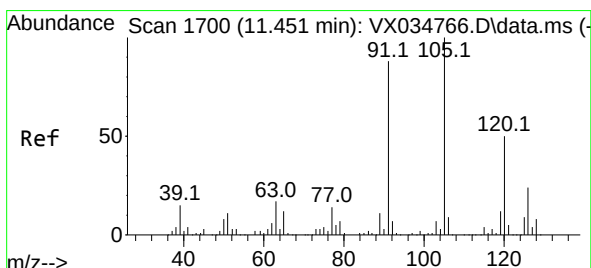
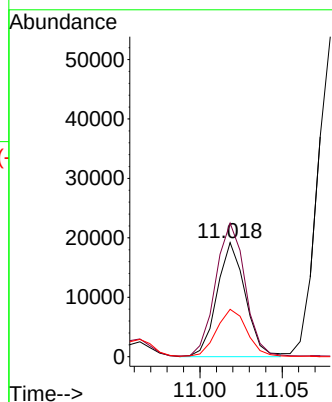
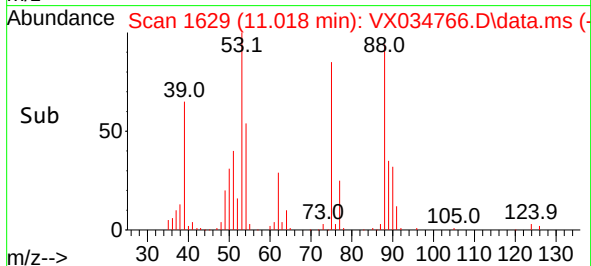
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 75 Resp: 23015  
Ion Ratio Lower Upper  
75 100  
53 116.4 55.5 166.3  
89 41.2 23.3 69.8

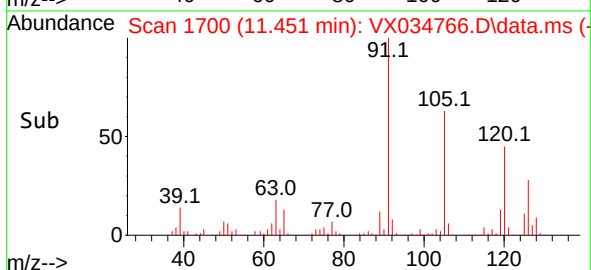
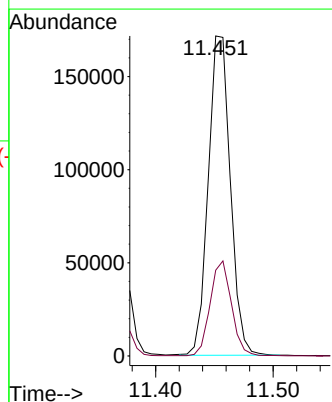
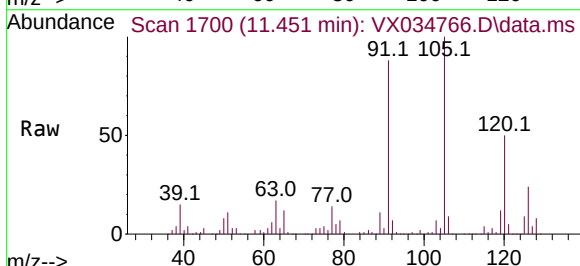
Manual Integrations  
APPROVED

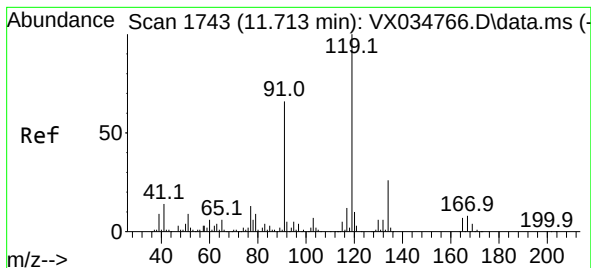
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#78  
4-Chlorotoluene  
Concen: 21.630 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

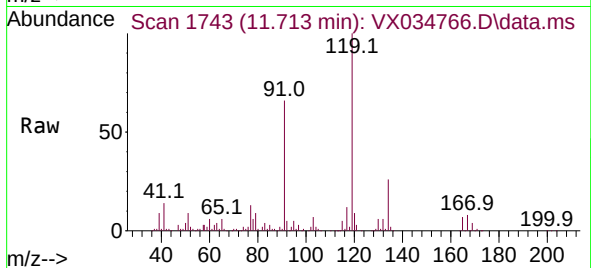
Tgt Ion: 91 Resp: 224247  
Ion Ratio Lower Upper  
91 100  
126 28.4 0.0 65.2





#79  
tert-butylbenzene  
Concen: 19.550 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

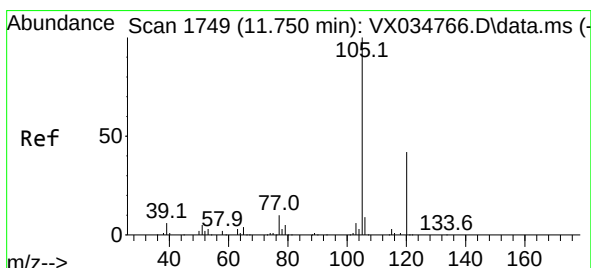
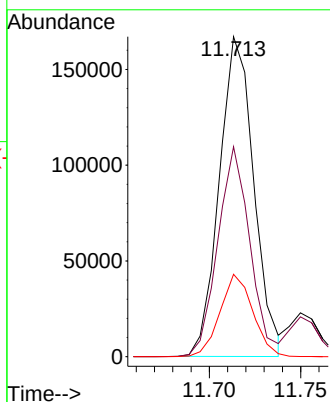
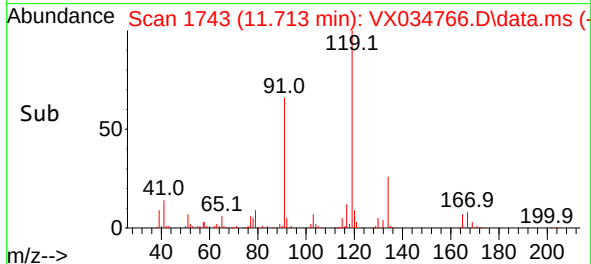
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



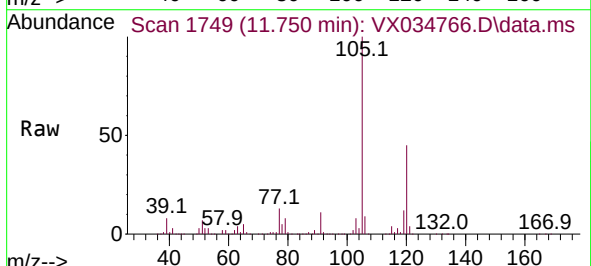
Tgt Ion:119 Resp: 21955  
Ion Ratio Lower Upper  
119 100  
91 61.2 0.0 108.4  
134 24.6 0.0 50.0

Manual Integrations  
APPROVED

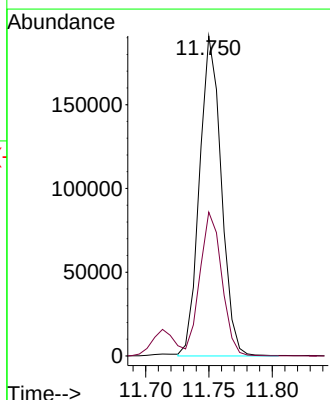
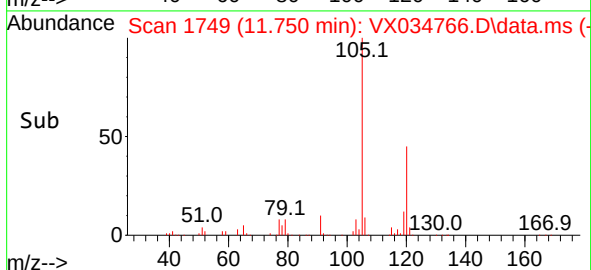
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

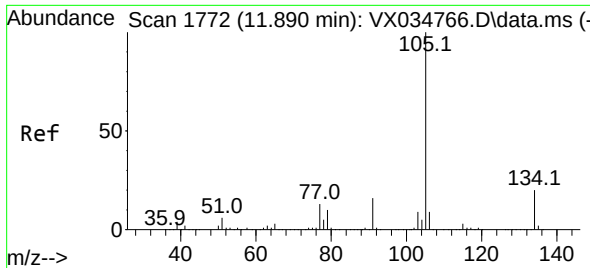


#80  
1,2,4-Trimethylbenzene  
Concen: 20.753 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



Tgt Ion:105 Resp: 229220  
Ion Ratio Lower Upper  
105 100  
120 45.2 0.0 93.4





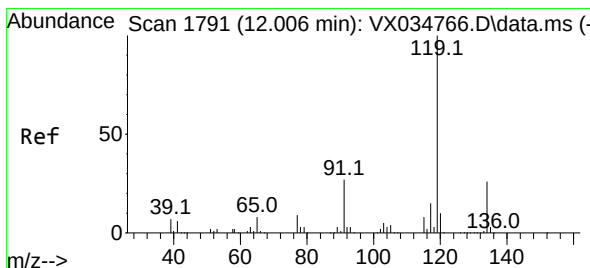
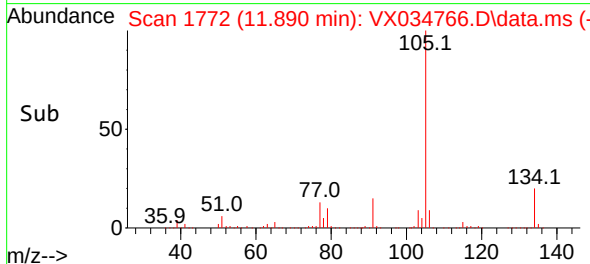
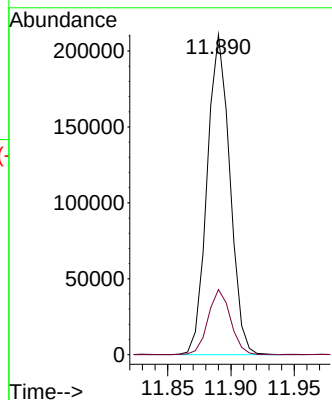
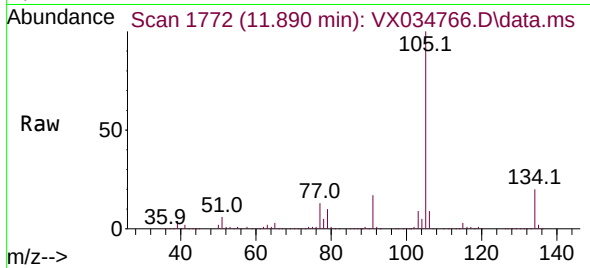
#81  
 sec-Butylbenzene  
 Concen: 19.273 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDICCC020

Tgt Ion:105 Resp: 26294  
 Ion Ratio Lower Upper  
 105 100  
 134 20.1 0.0 43.8

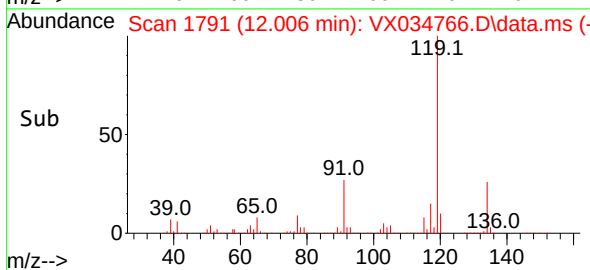
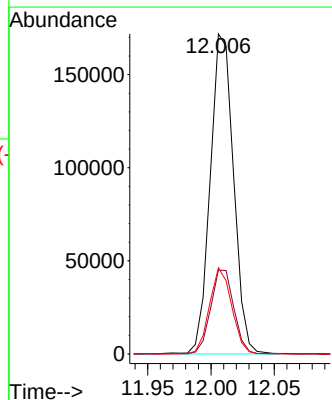
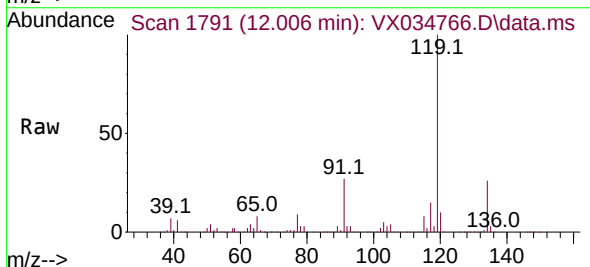
Manual Integrations  
 APPROVED

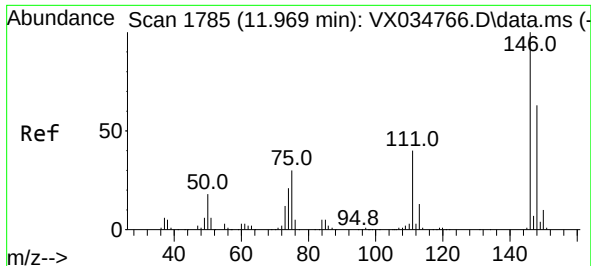
Reviewed By :Krupa Patel 03/29/2023  
 Supervised By :Semsettin Yesilyurt 03/29/2023



#82  
 p-Isopropyltoluene  
 Concen: 18.790 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX034766.D  
 Acq: 27 Mar 2023 22:57

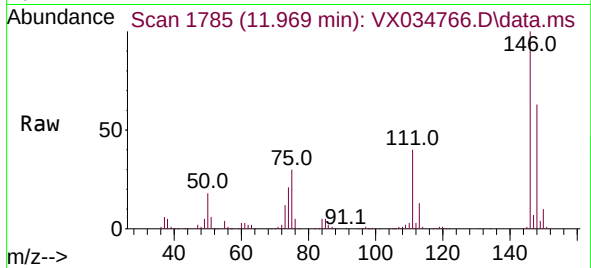
Tgt Ion:119 Resp: 220190  
 Ion Ratio Lower Upper  
 119 100  
 134 26.1 0.0 54.2  
 91 25.5 0.0 41.8





#83  
1,3-Dichlorobenzene  
Concen: 19.397 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

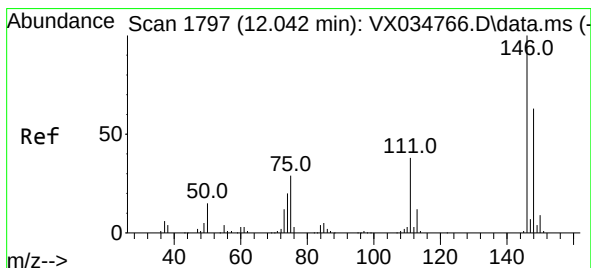
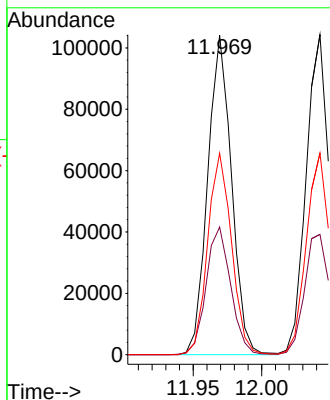
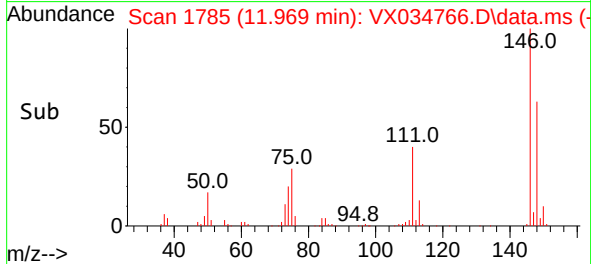
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



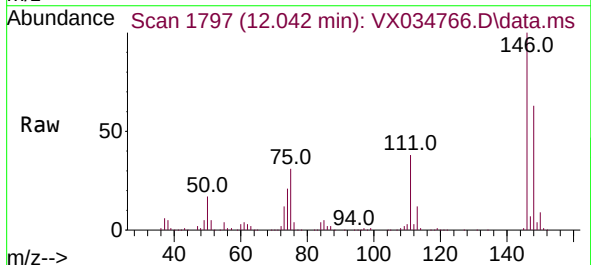
Tgt Ion:146 Resp: 125889  
Ion Ratio Lower Upper  
146 100  
111 41.3 18.4 55.2  
148 63.1 32.1 96.5

Manual Integrations  
APPROVED

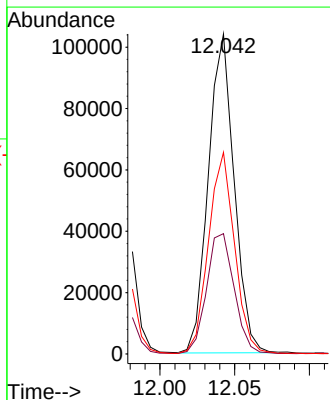
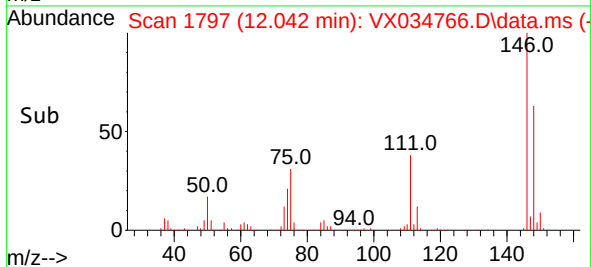
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023

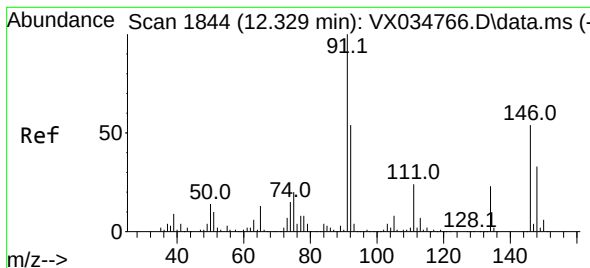


#84  
1,4-Dichlorobenzene  
Concen: 19.208 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



Tgt Ion:146 Resp: 124919  
Ion Ratio Lower Upper  
146 100  
111 40.6 17.8 53.4  
148 63.5 32.1 96.5





#85

n-Butylbenzene

Concen: 19.272 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

Tgt Ion: 91 Resp: 18583

Ion Ratio Lower Upper

91 100

92 53.8 0.0 109.0

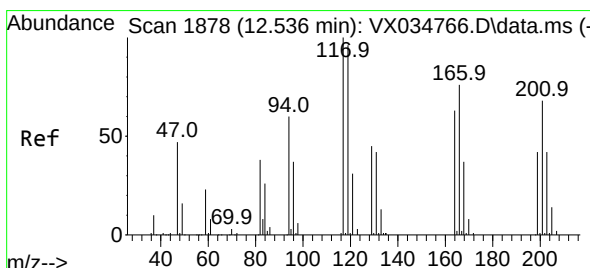
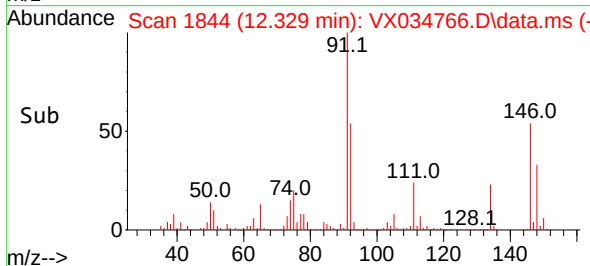
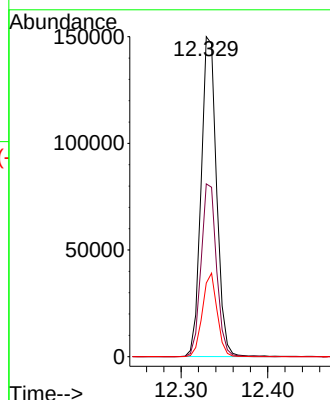
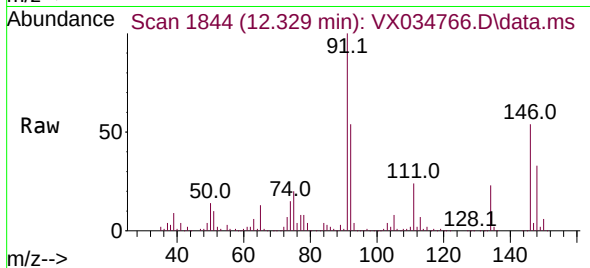
134 24.9 0.0 57.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#86

Hexachloroethane

Concen: 17.441 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX034766.D

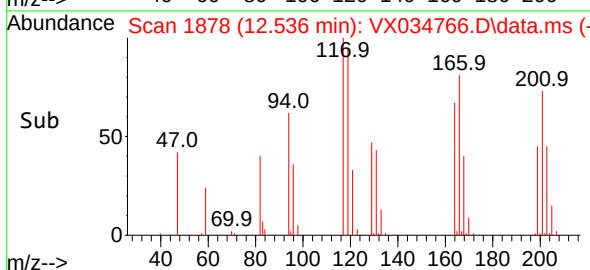
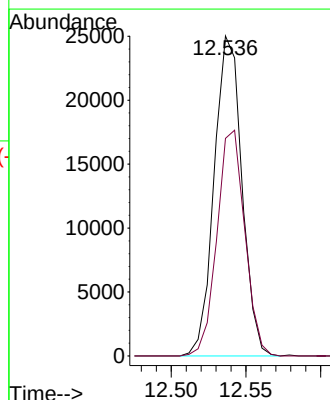
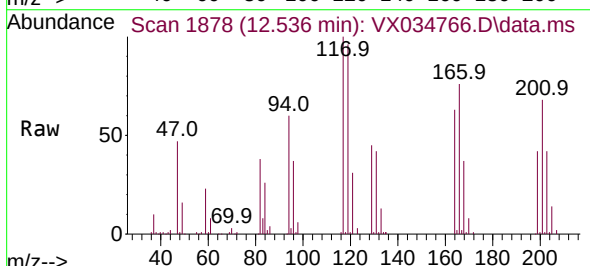
Acq: 27 Mar 2023 22:57

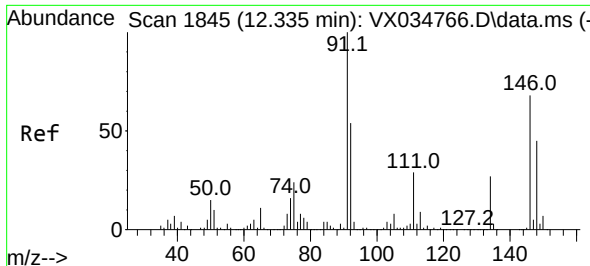
Tgt Ion:117 Resp: 32256

Ion Ratio Lower Upper

117 100

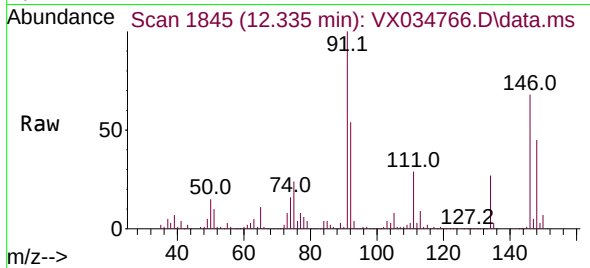
201 70.8 46.3 138.8





#87  
1,2-Dichlorobenzene  
Concen: 20.125 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

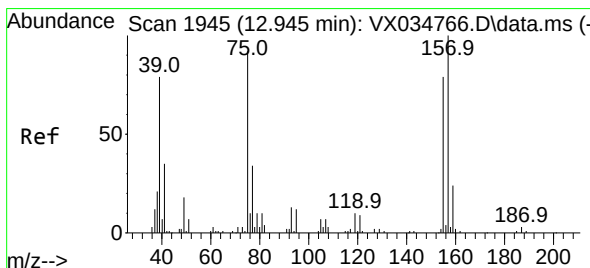
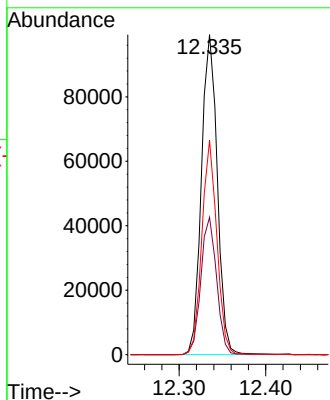
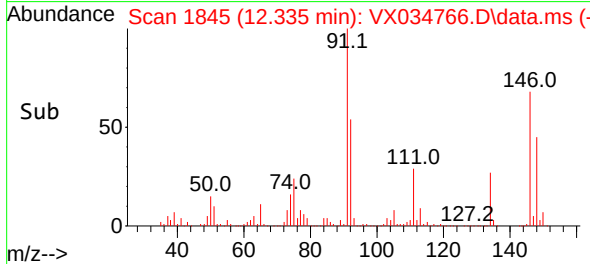
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



Tgt Ion:146 Resp: 126239  
Ion Ratio Lower Upper  
146 100  
111 42.7 18.8 56.4  
148 63.4 31.7 95.1

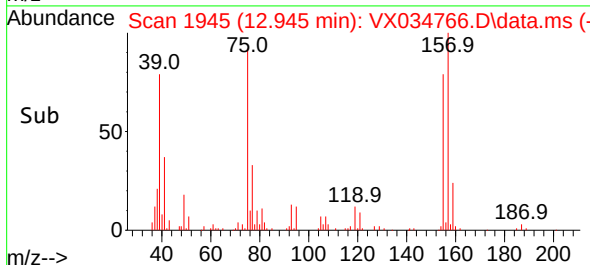
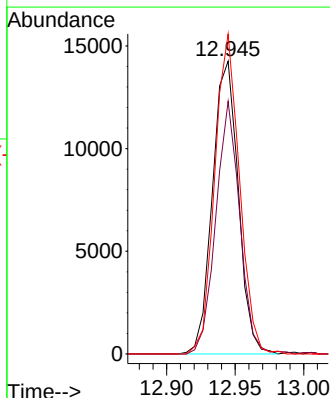
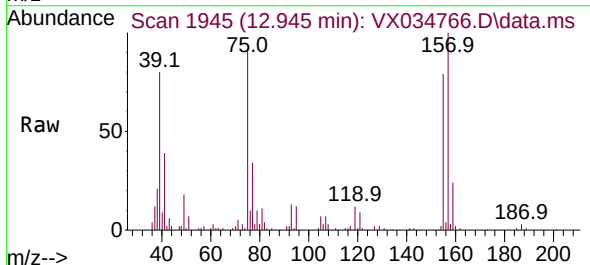
Manual Integrations  
APPROVED

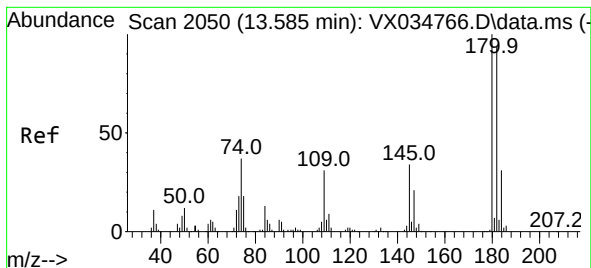
Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 22.062 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

Tgt Ion: 75 Resp: 18669  
Ion Ratio Lower Upper  
75 100  
155 79.6 82.6 124.0#  
157 104.6 104.9 157.3#





#89

1,2,4-Trichlorobenzene

Concen: 17.059 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

Instrument :

MSVOA\_X

ClientSampleId :

VSTDICCC020

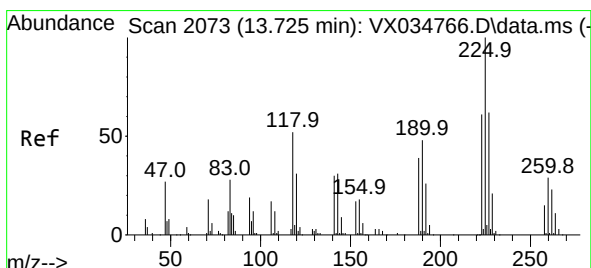
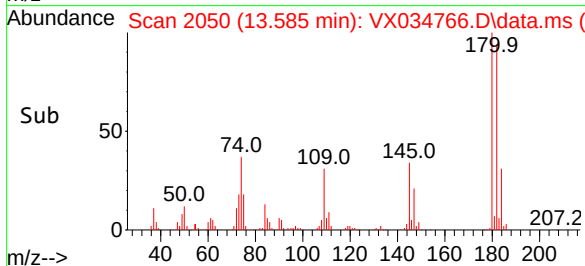
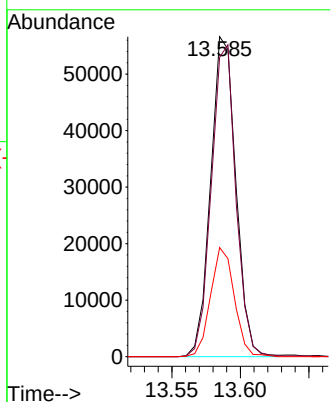
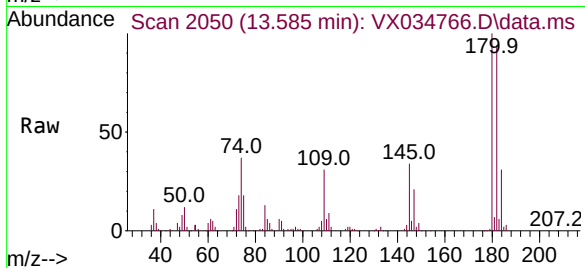
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 72328 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.8  | 76.4  | 114.6 |
| 145       | 32.2  | 22.9  | 34.3  |

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 03/29/2023

Supervised By :Semsettin Yesilyurt 03/29/2023



#90

Hexachlorobutadiene

Concen: 14.360 ug/l

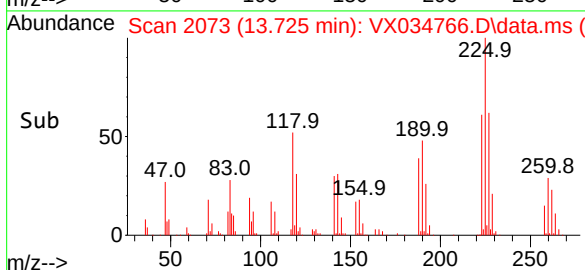
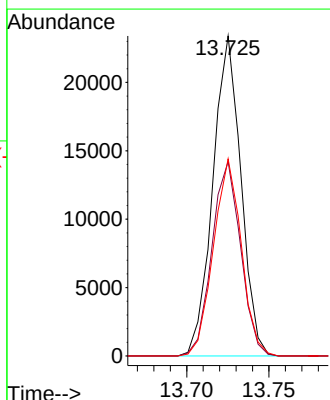
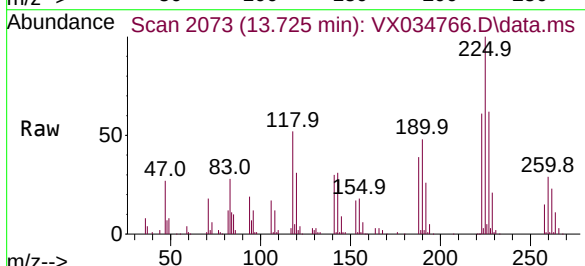
RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

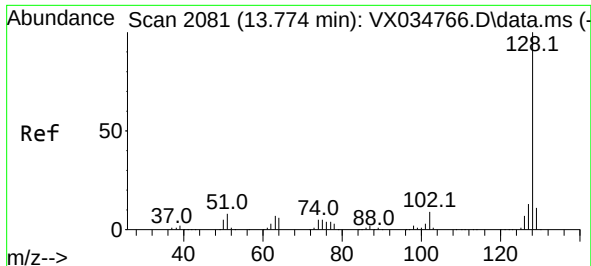
Lab File: VX034766.D

Acq: 27 Mar 2023 22:57

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 27737 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 62.1  | 0.0   | 127.6 |
| 227       | 61.4  | 0.0   | 131.2 |

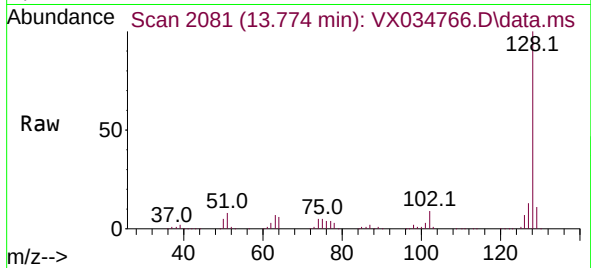






#91  
Naphthalene  
Concen: 20.789 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57

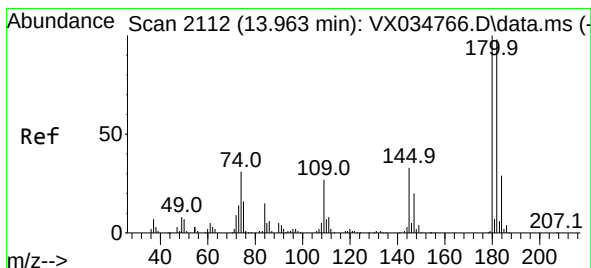
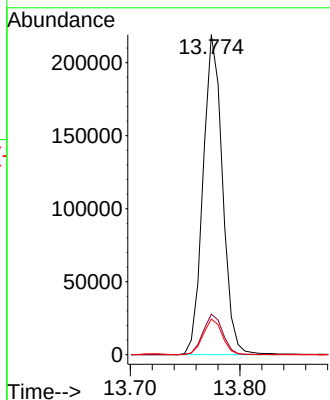
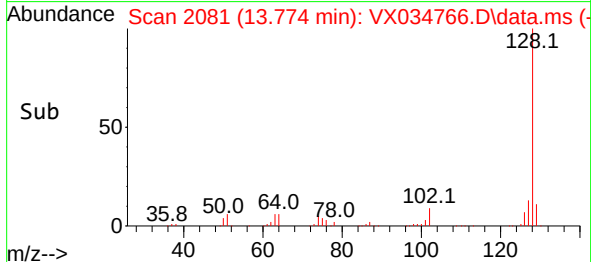
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDICCC020



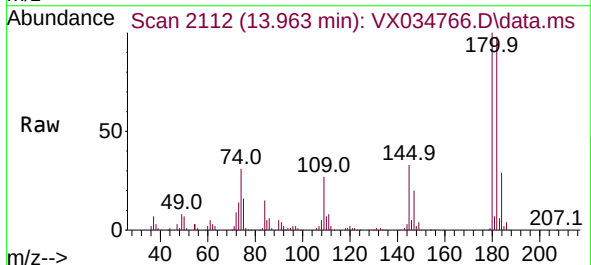
Tgt Ion:128 Resp: 26965  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.1 15.1  
129 11.0 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 03/29/2023  
Supervised By :Semsettin Yesilyurt 03/29/2023



#92  
1,2,3-Trichlorobenzene  
Concen: 17.852 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.000 min  
Lab File: VX034766.D  
Acq: 27 Mar 2023 22:57



Tgt Ion:180 Resp: 74647  
Ion Ratio Lower Upper  
180 100  
182 95.5 0.0 192.6  
145 33.4 0.0 60.4

