

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052323\  
 Data File : VN077831.D  
 Acq On : 24 May 2023 01:25  
 Operator : JC\MD  
 Sample : VN0523WBS02  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0523WBS02

Quant Time: May 24 02:57:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 05/25/2023  
 Supervised By : Mahesh Dadoda 05/25/2023

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.229          | 168  | 352181     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 636621     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.870         | 117  | 548609     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.800         | 152  | 226737     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 246257     | 46.732   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 93.460%  |        |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 210485     | 50.703   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 101.400% |        |          |
| 50) Toluene-d8               | 10.571         | 98   | 780062     | 48.819   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 97.640%  |        |          |
| 62) 4-Bromofluorobenzene     | 12.859         | 95   | 258355     | 45.780   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 91.560%  |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.136          | 85   | 71992      | 17.962   | ug/l   | 89       |
| 3) Chloromethane             | 2.371          | 50   | 76551      | 16.825   | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.518          | 62   | 98523      | 19.497   | ug/l   | 93       |
| 5) Bromomethane              | 2.959          | 94   | 76101      | 20.362   | ug/l   | 96       |
| 6) Chloroethane              | 3.124          | 64   | 67758      | 18.606   | ug/l   | 91       |
| 7) Trichlorofluoromethane    | 3.500          | 101  | 146678     | 20.828   | ug/l   | 96       |
| 8) Diethyl Ether             | 3.965          | 74   | 54307      | 21.123   | ug/l   | 83       |
| 9) 1,1,2-Trichlorotrifluo... | 4.383          | 101  | 81174      | 20.828   | ug/l   | 99       |
| 10) Methyl Iodide            | 4.594          | 142  | 93597      | 20.137   | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 78473      | 107.904  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 4.353          | 96   | 77469      | 20.914   | ug/l   | 94       |
| 13) Acrolein                 | 4.189          | 56   | 61551      | 121.248  | ug/l   | 97       |
| 14) Allyl chloride           | 5.030          | 41   | 103716     | 19.060   | ug/l   | 94       |
| 15) Acrylonitrile            | 5.724          | 53   | 197845     | 101.828  | ug/l   | 99       |
| 16) Acetone                  | 4.436          | 43   | 153869     | 92.812   | ug/l   | 91       |
| 17) Carbon Disulfide         | 4.724          | 76   | 161813     | 16.213   | ug/l   | 98       |
| 18) Methyl Acetate           | 5.030          | 43   | 141260     | 20.311   | ug/l   | 91       |
| 19) Methyl tert-butyl Ether  | 5.806          | 73   | 281627     | 21.005   | ug/l   | 96       |
| 20) Methylene Chloride       | 5.289          | 84   | 94653      | 20.781   | ug/l # | 88       |
| 21) trans-1,2-Dichloroethene | 5.788          | 96   | 81590      | 19.609   | ug/l   | 93       |
| 22) Diisopropyl ether        | 6.683          | 45   | 262624     | 20.590   | ug/l   | 98       |
| 23) Vinyl Acetate            | 6.612          | 43   | 762038     | 96.429   | ug/l # | 90       |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 163813     | 20.964   | ug/l   | 95       |
| 25) 2-Butanone               | 7.488          | 43   | 244920     | 94.440   | ug/l # | 86       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 116230     | 17.508   | ug/l   | 98       |
| 27) cis-1,2-Dichloroethene   | 7.500          | 96   | 102587     | 20.562   | ug/l   | 95       |
| 28) Bromochloromethane       | 7.824          | 49   | 79813      | 23.617   | ug/l   | 93       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 158753     | 93.487   | ug/l   | 86       |
| 30) Chloroform               | 7.971          | 83   | 182119     | 21.187   | ug/l   | 95       |
| 31) Cyclohexane              | 8.265          | 56   | 124809     | 17.427   | ug/l   | 91       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 156971     | 21.479   | ug/l   | 96       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 121692     | 20.042   | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.565          | 43   | 100871     | 18.638   | ug/l   | 95       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 133900     | 21.838   | ug/l   | 95       |
| 39) Methylcyclohexane        | 9.606          | 83   | 141552     | 19.042   | ug/l   | 91       |
| 40) Benzene                  | 8.612          | 78   | 375131     | 20.936   | ug/l   | 98       |

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 ClientSampleId :  
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 16 04:07:42 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2023  
 Supervised By : Mahesh Dadoda 05/25/2023

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 55487    | 19.252  | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 135509   | 20.819  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 194576   | 22.011  | ug/l # | 91       |
| 44) Trichloroethene           | 9.359  | 130  | 98294    | 21.665  | ug/l   | 93       |
| 45) 1,2-Dichloropropane       | 9.629  | 63   | 99323    | 21.732  | ug/l   | 94       |
| 46) Dibromomethane            | 9.712  | 93   | 69695    | 21.311  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.894  | 83   | 143812   | 22.968  | ug/l   | 93       |
| 48) Methyl methacrylate       | 9.688  | 41   | 83325    | 19.881  | ug/l   | 88       |
| 49) 1,4-Dioxane               | 9.706  | 88   | 34055    | 430.203 | ug/l # | 81       |
| 51) 4-Methyl-2-Pentanone      | 10.453 | 43   | 535596   | 101.930 | ug/l   | 93       |
| 52) Toluene                   | 10.635 | 92   | 240075   | 21.522  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.841 | 75   | 136875   | 20.643  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.318 | 75   | 150643   | 20.617  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 11.023 | 97   | 98422    | 22.221  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.882 | 69   | 136590   | 20.396  | ug/l # | 87       |
| 57) 1,3-Dichloropropane       | 11.170 | 76   | 163433   | 21.524  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 327181   | 99.308  | ug/l   | 92       |
| 59) 2-Hexanone                | 11.200 | 43   | 375661   | 96.656  | ug/l   | 91       |
| 60) Dibromochloromethane      | 11.365 | 129  | 102253   | 22.363  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.476 | 107  | 96748    | 21.895  | ug/l   | 100      |
| 64) Tetrachloroethene         | 11.112 | 164  | 91852    | 23.941  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.900 | 112  | 260956   | 21.942  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 97485    | 23.689  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.970 | 91   | 457013   | 21.443  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.076 | 106  | 348781   | 43.189  | ug/l   | 99       |
| 69) o-Xylene                  | 12.406 | 106  | 175079   | 22.045  | ug/l   | 99       |
| 70) Styrene                   | 12.417 | 104  | 271555   | 21.524  | ug/l   | 98       |
| 71) Bromoform                 | 12.588 | 173  | 63057    | 23.034  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.706 | 105  | 453964   | 23.227  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.500 | 43   | 141215   | 19.547  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.947 | 83   | 134477   | 22.365  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 13.000 | 75   | 113048m  | 19.909  | ug/l   |          |
| 77) Bromobenzene              | 12.988 | 156  | 101018   | 22.648  | ug/l   | 95       |
| 78) n-propylbenzene           | 13.041 | 91   | 513022   | 22.265  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.135 | 91   | 311313   | 22.642  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.182 | 105  | 382689   | 23.297  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 32934    | 18.540  | ug/l # | 79       |
| 82) 4-Chlorotoluene           | 13.229 | 91   | 285559   | 20.874  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 13.447 | 119  | 334665   | 23.337  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.488 | 105  | 375686   | 23.255  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.623 | 105  | 469127   | 23.019  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.735 | 119  | 383568   | 23.608  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.741 | 146  | 177442   | 21.512  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.817 | 146  | 170218   | 20.796  | ug/l   | 97       |
| 89) n-Butylbenzene            | 14.064 | 91   | 310435   | 20.773  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.341 | 117  | 63589    | 23.824  | ug/l   | 86       |
| 91) 1,2-Dichlorobenzene       | 14.111 | 146  | 173620   | 22.531  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.729 | 75   | 22382    | 19.227  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.400 | 180  | 72729    | 16.151  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 42606    | 22.788  | ug/l   | 98       |
| 95) Naphthalene               | 15.647 | 128  | 209962   | 13.546  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 77465    | 17.570  | ug/l   | 99       |

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Sample : VN0523WBS02  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Manual Integrations  
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2023

Quant Time: May 24 02:57:41 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051523W.M  
Quant Title : SW846 8260  
QLast Update : Tue May 16 04:07:42 2023  
Response via : Initial Calibration

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

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

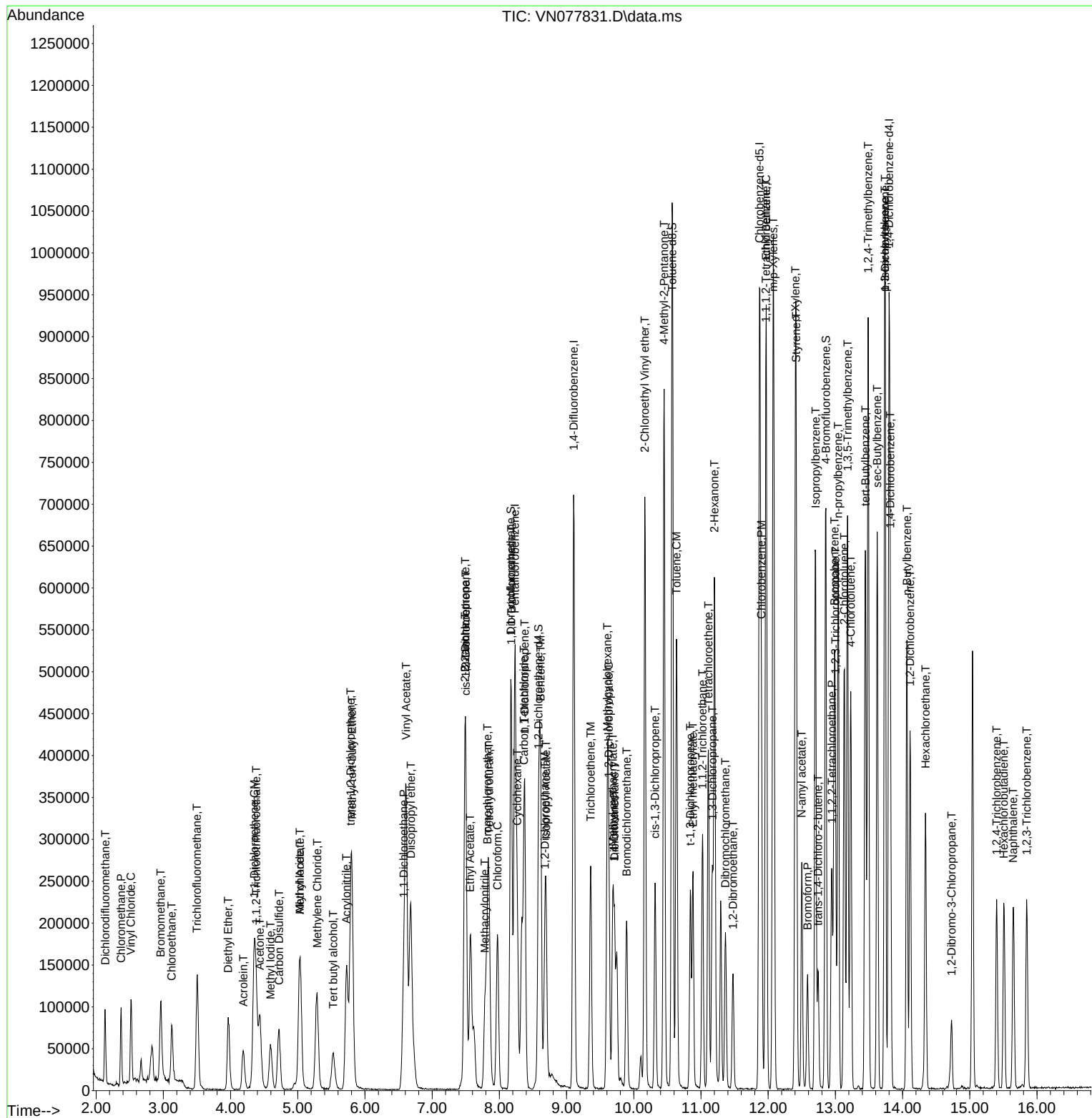
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Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 32 Sample Multiplier: 1

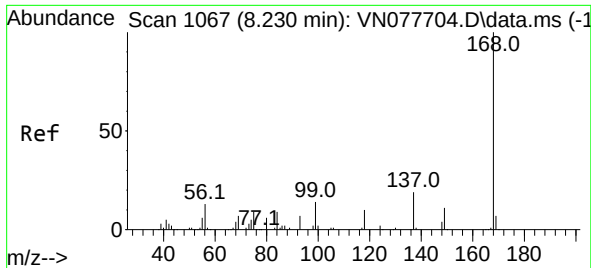
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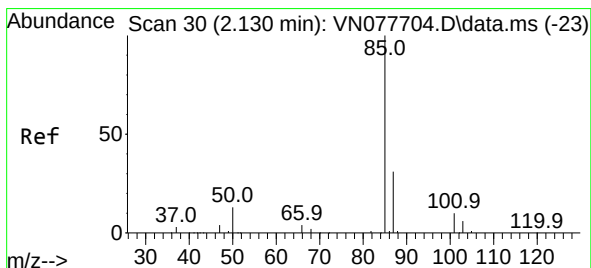
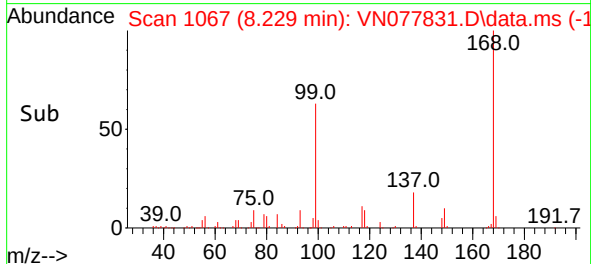
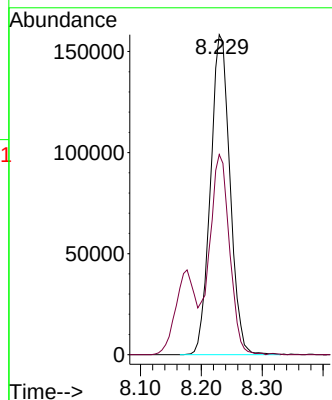
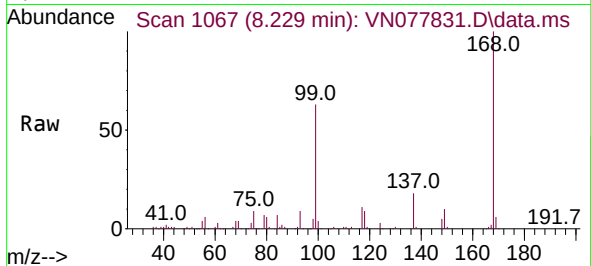
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion:168 Resp: 35218  
Ion Ratio Lower Upper  
168 100  
99 62.4 53.0 79.6

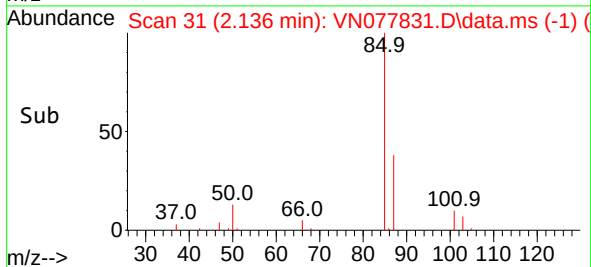
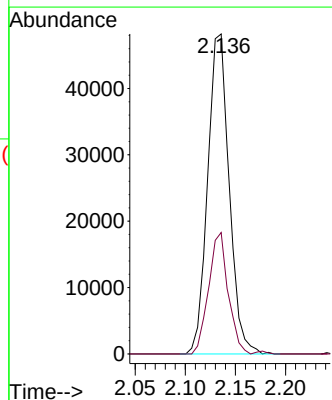
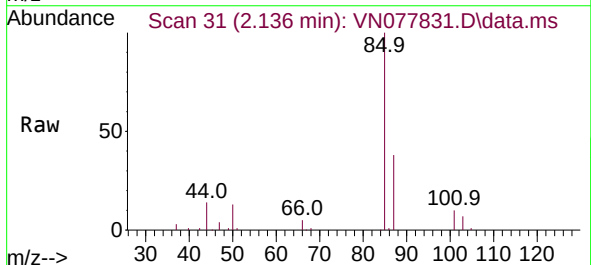
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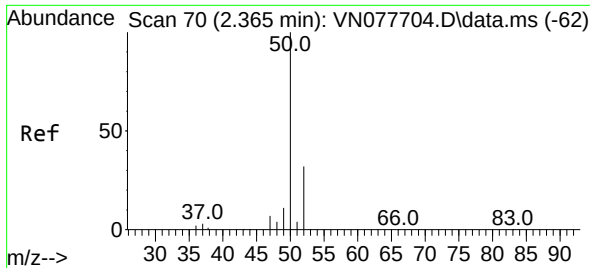
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#2  
Dichlorodifluoromethane  
Concen: 17.962 ug/l  
RT: 2.136 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion: 85 Resp: 71992  
Ion Ratio Lower Upper  
85 100  
87 37.9 15.8 47.4





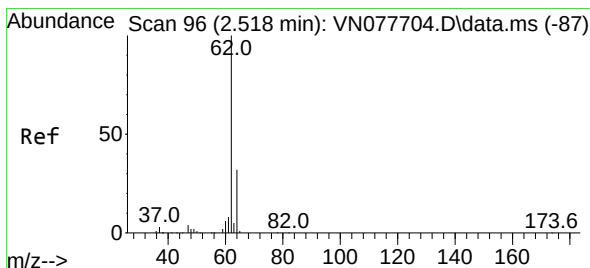
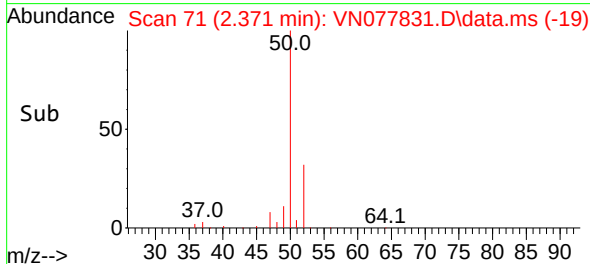
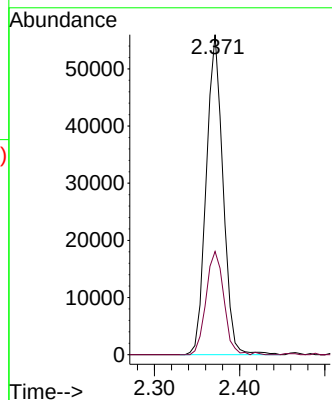
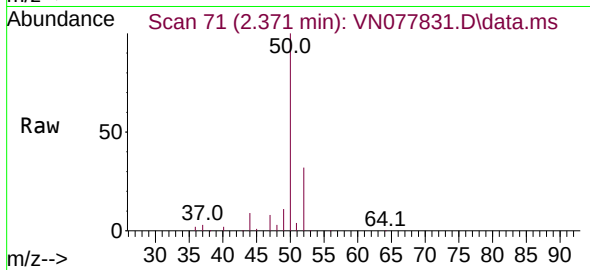
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Chloromethane  
Concen: 16.825 ug/l  
RT: 2.371 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

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VN0523WBS02

Tgt Ion: 50 Resp: 7655  
Ion Ratio Lower Upper  
50 100  
52 32.2 26.5 39.7

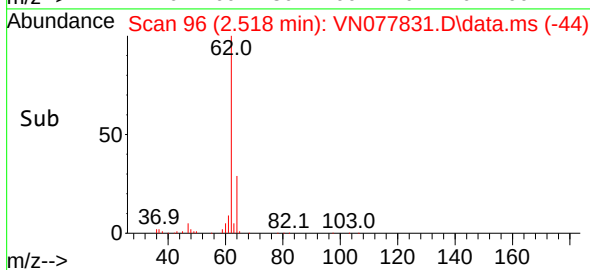
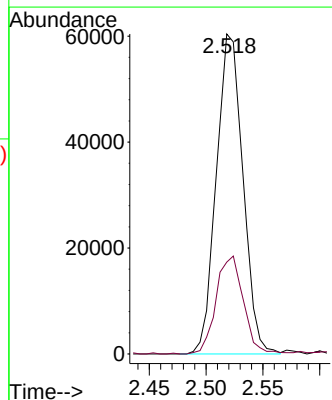
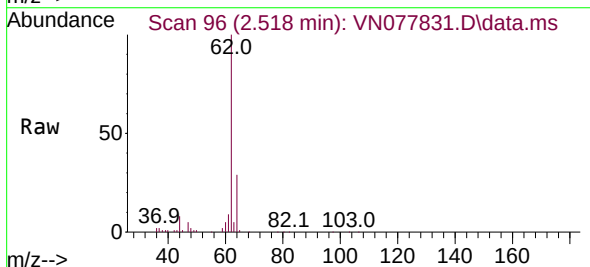
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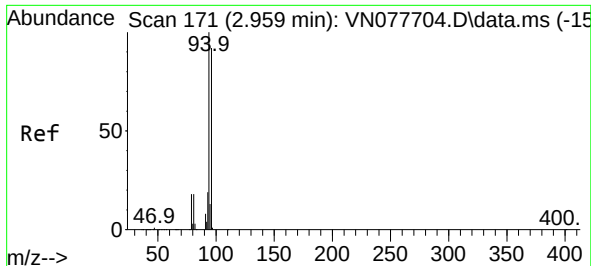
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#4  
Vinyl Chloride  
Concen: 19.497 ug/l  
RT: 2.518 min Scan# 96  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

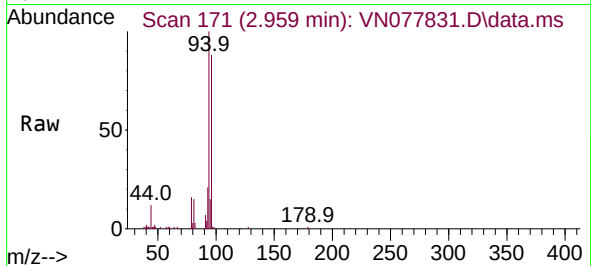
Tgt Ion: 62 Resp: 98523  
Ion Ratio Lower Upper  
62 100  
64 28.7 26.2 39.2





#5  
Bromomethane  
Concen: 20.362 ug/l  
RT: 2.959 min Scan# 171  
Delta R.T. 0.012 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

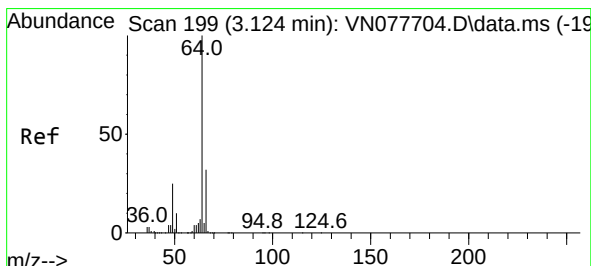
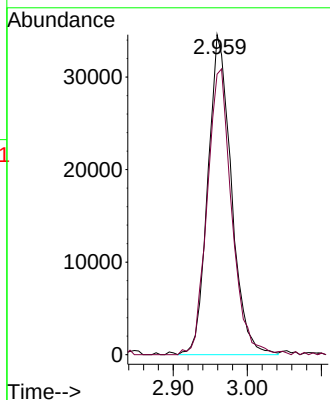
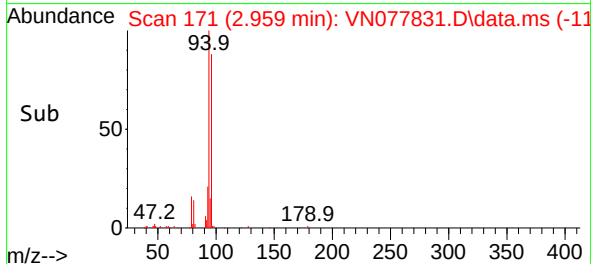
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Tgt Ion: 94 Resp: 7610  
Ion Ratio Lower Upper  
94 100  
96 87.7 73.1 109.7

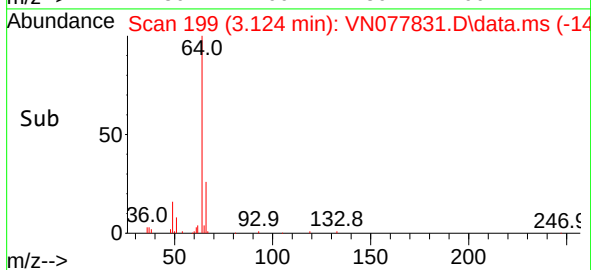
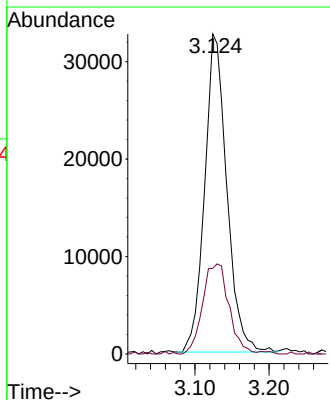
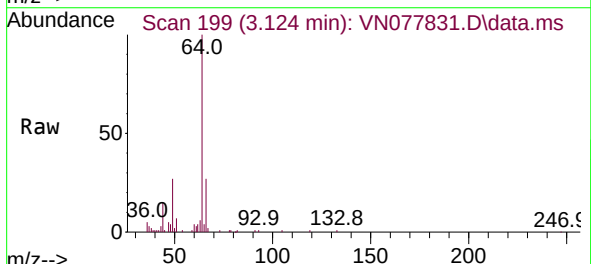
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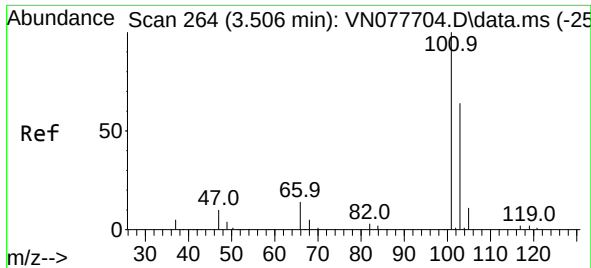
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#6  
Chloroethane  
Concen: 18.606 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion: 64 Resp: 67758  
Ion Ratio Lower Upper  
64 100  
66 26.9 25.4 38.2





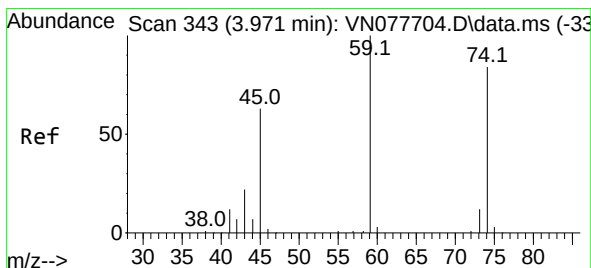
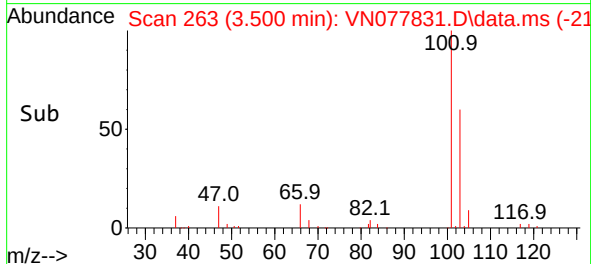
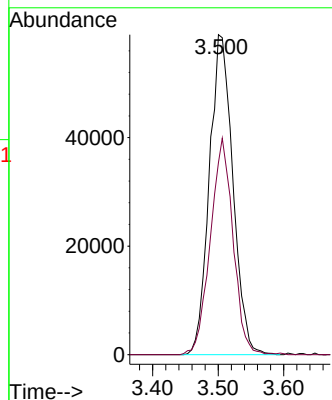
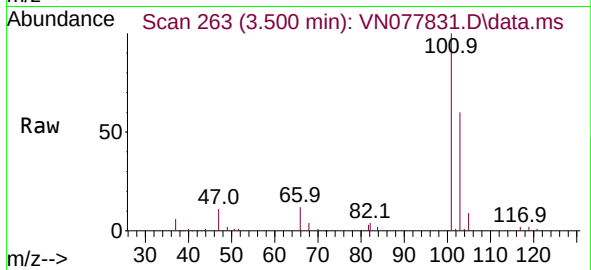
#7  
 Trichlorofluoromethane  
 Concen: 20.828 ug/l  
 RT: 3.500 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0523WBS02

Tgt Ion:101 Resp: 146678  
 Ion Ratio Lower Upper  
 101 100  
 103 60.0 50.7 76.1

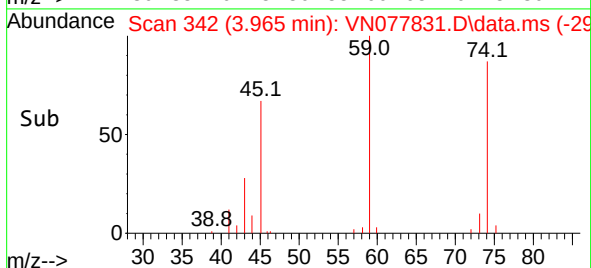
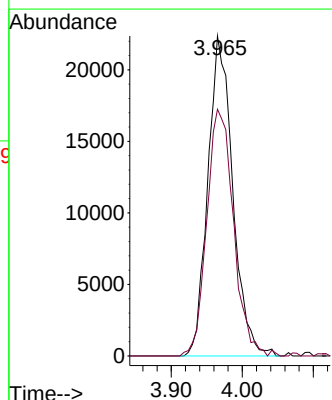
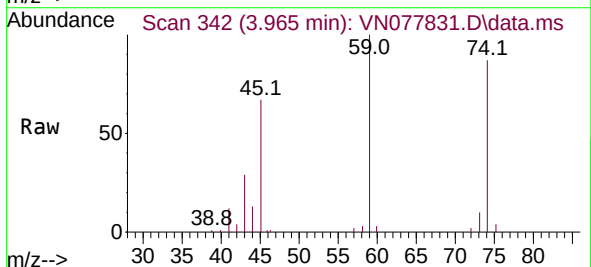
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 05/25/2023  
 Supervised By :Mahesh Dadoda 05/25/2023

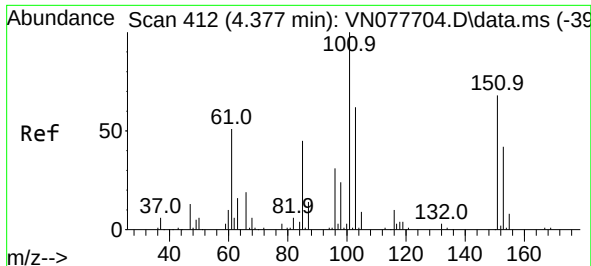


#8  
 Diethyl Ether  
 Concen: 21.123 ug/l  
 RT: 3.965 min Scan# 342  
 Delta R.T. 0.000 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

Tgt Ion: 74 Resp: 54307  
 Ion Ratio Lower Upper  
 74 100  
 45 82.6 34.4 103.3







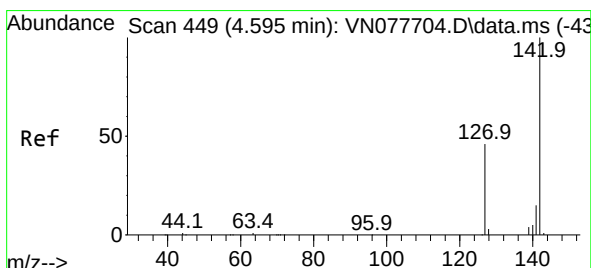
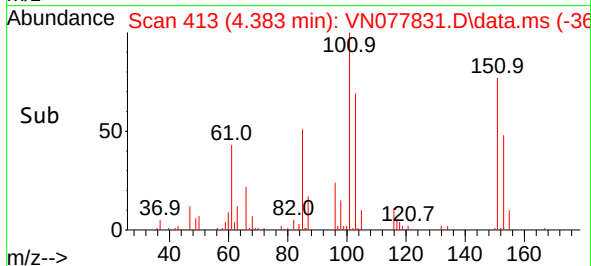
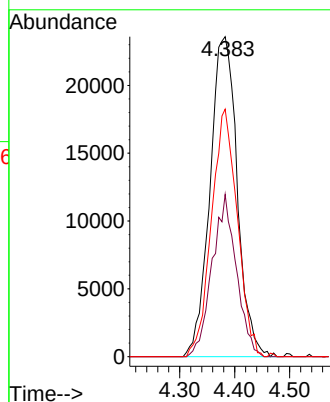
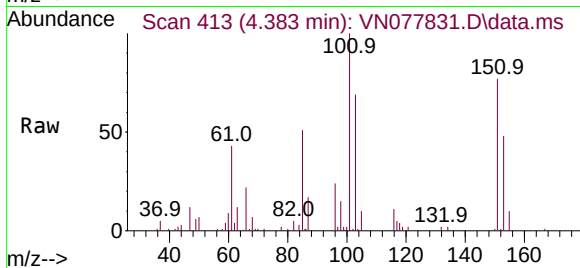
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.828 ug/l  
RT: 4.383 min Scan# 412  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion:101 Resp: 81174  
Ion Ratio Lower Upper  
101 100  
85 45.1 36.6 55.0  
151 73.5 57.6 86.4

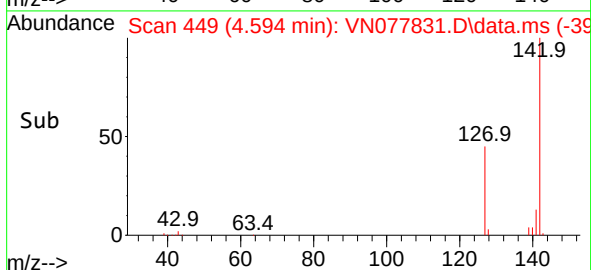
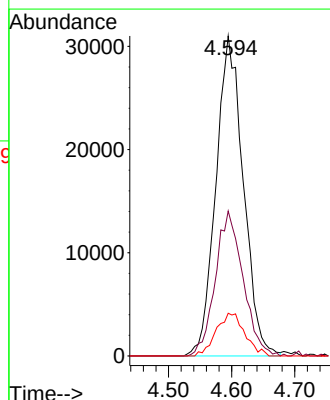
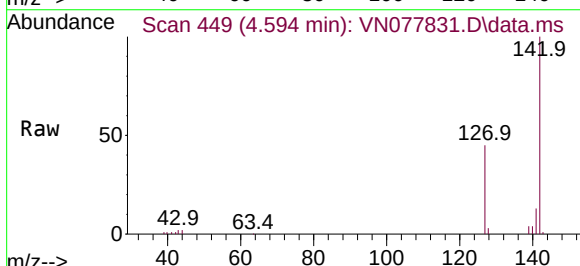
Manual Integrations  
APPROVED

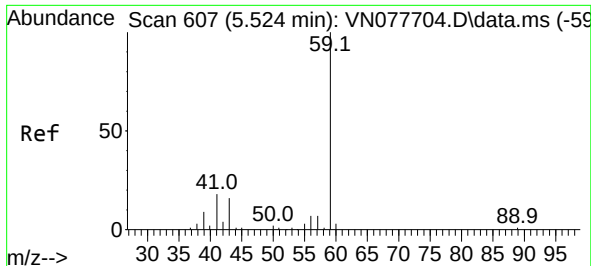
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#10  
Methyl Iodide  
Concen: 20.137 ug/l  
RT: 4.594 min Scan# 449  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion:142 Resp: 93597  
Ion Ratio Lower Upper  
142 100  
127 45.3 37.6 56.4  
141 13.3 11.4 17.0





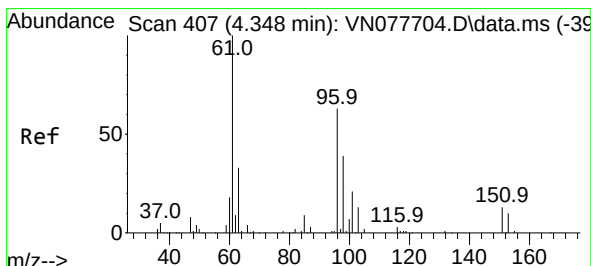
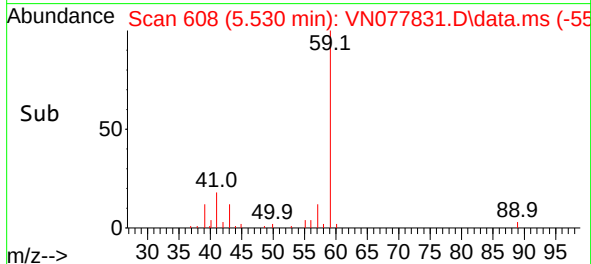
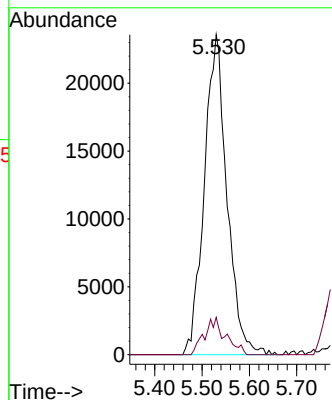
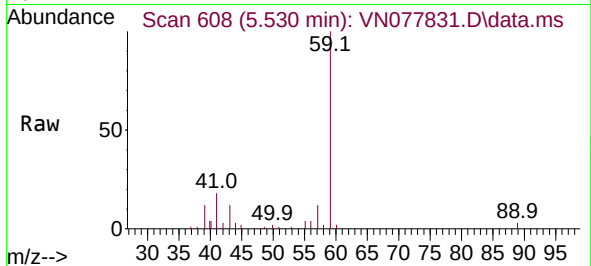
#11  
Tert butyl alcohol  
Concen: 107.904 ug/l  
RT: 5.530 min Scan# 607  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 59 Resp: 7847  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.2 12.4

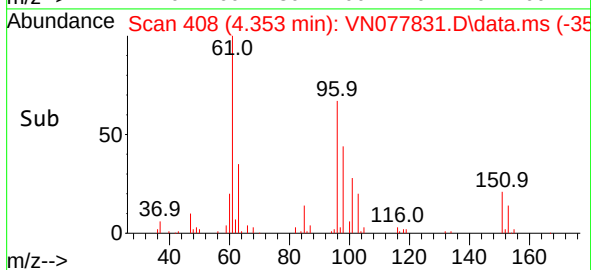
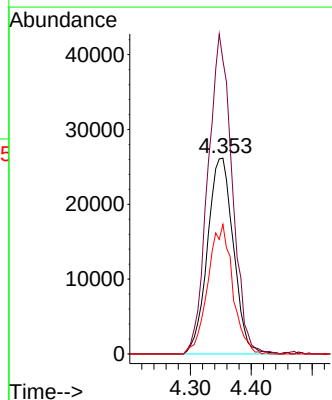
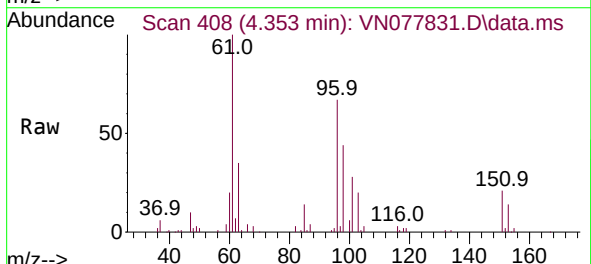
Manual Integrations  
APPROVED

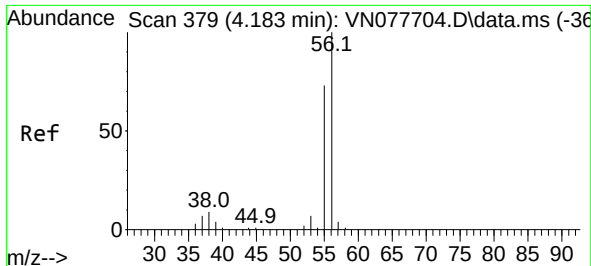
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#12  
1,1-Dichloroethene  
Concen: 20.914 ug/l  
RT: 4.353 min Scan# 408  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

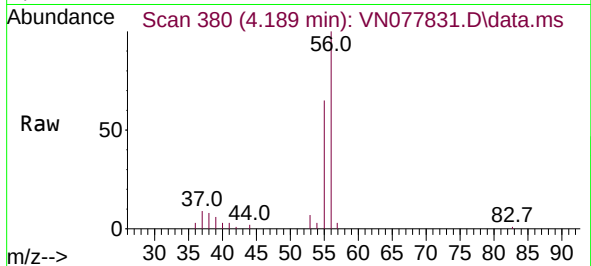
Tgt Ion: 96 Resp: 77469  
Ion Ratio Lower Upper  
96 100  
61 149.8 112.7 169.1  
98 66.1 51.2 76.8





#13  
Acrolein  
Concen: 121.248 ug/l  
RT: 4.189 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

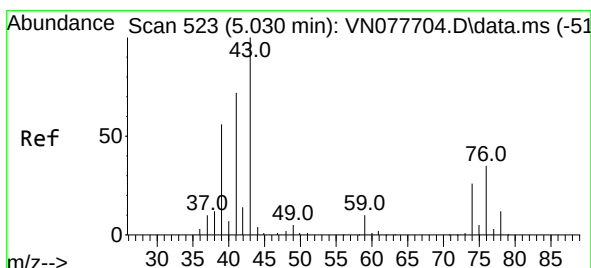
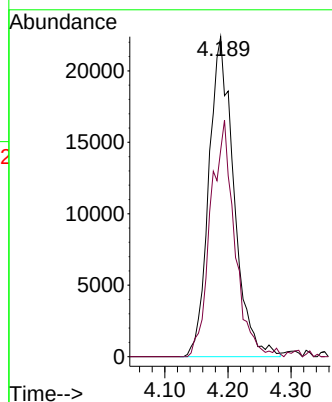
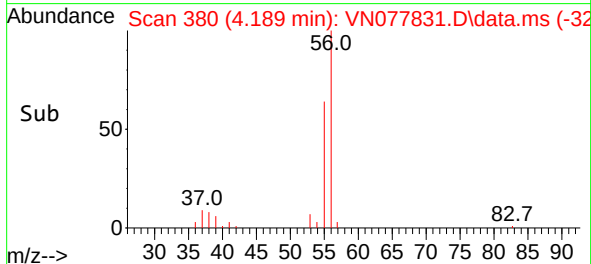
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



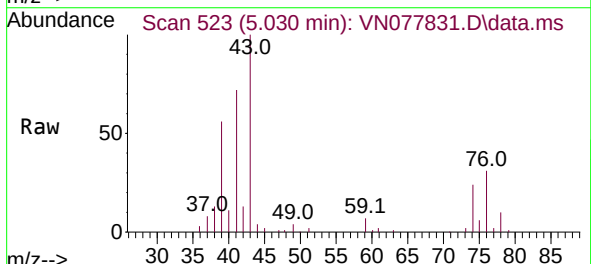
Tgt Ion: 56 Resp: 6155  
Ion Ratio Lower Upper  
56 100  
55 70.9 54.5 81.7

Manual Integrations  
APPROVED

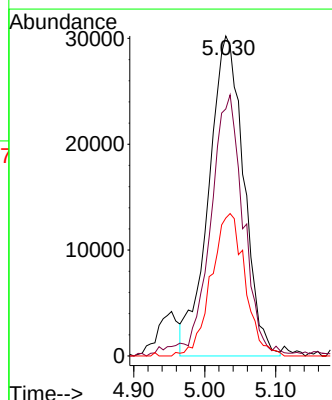
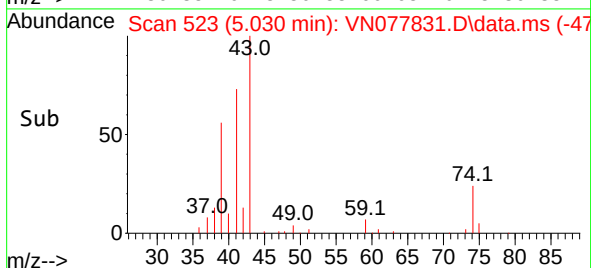
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

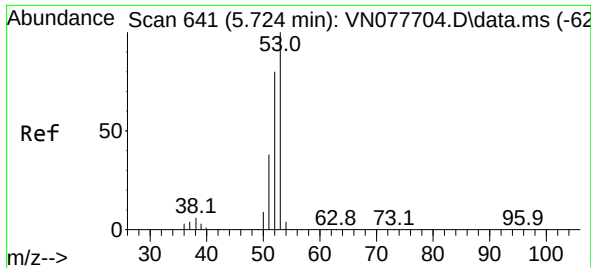


#14  
Allyl chloride  
Concen: 19.060 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



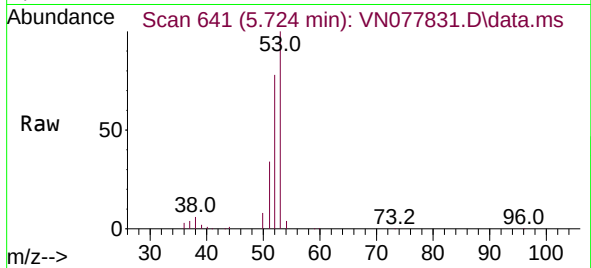
Tgt Ion: 41 Resp: 103716  
Ion Ratio Lower Upper  
41 100  
39 77.5 58.8 88.2  
76 42.8 39.1 58.7





#15  
Acrylonitrile  
Concen: 101.828 ug/l  
RT: 5.724 min Scan# 641  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

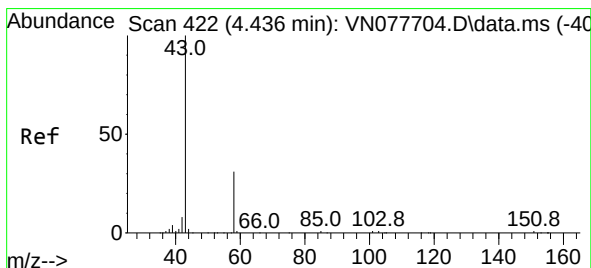
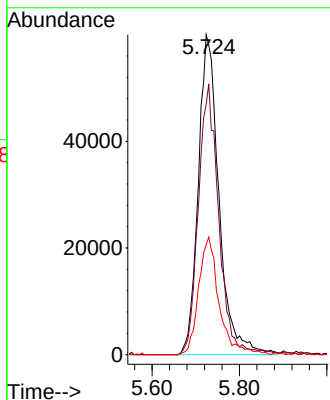
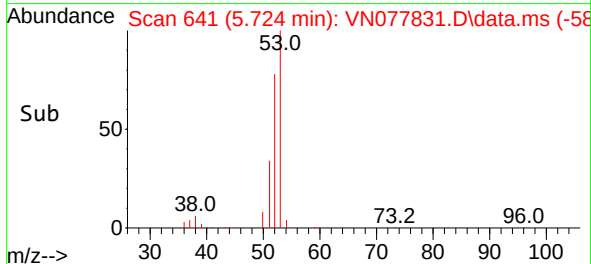
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



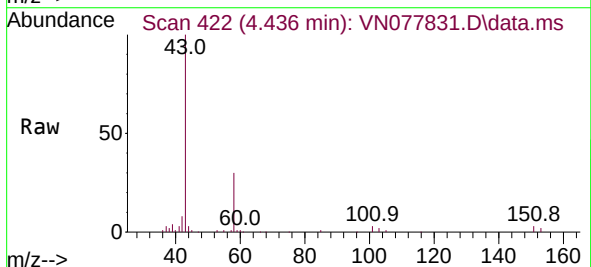
Tgt Ion: 53 Resp: 197849  
Ion Ratio Lower Upper  
53 100  
52 83.1 65.3 97.9  
51 36.3 28.9 43.3

Manual Integrations  
APPROVED

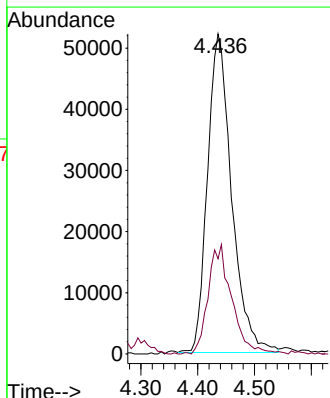
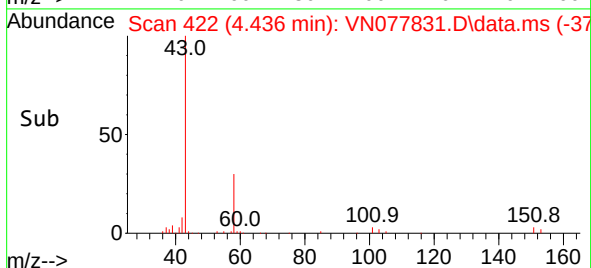
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

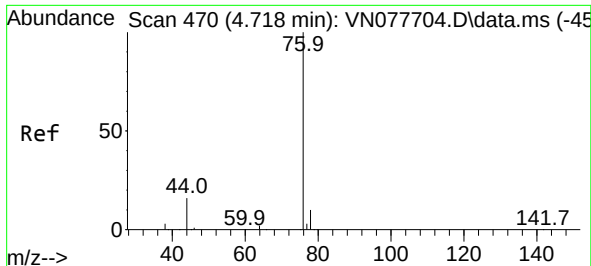


#16  
Acetone  
Concen: 92.812 ug/l  
RT: 4.436 min Scan# 422  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



Tgt Ion: 43 Resp: 153869  
Ion Ratio Lower Upper  
43 100  
58 29.9 28.0 42.0





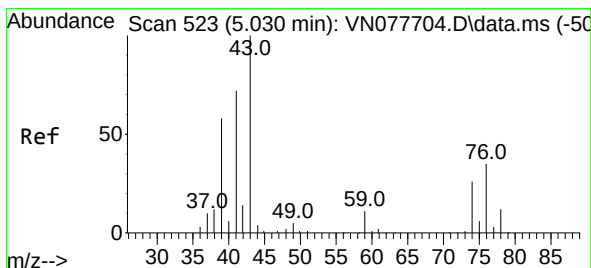
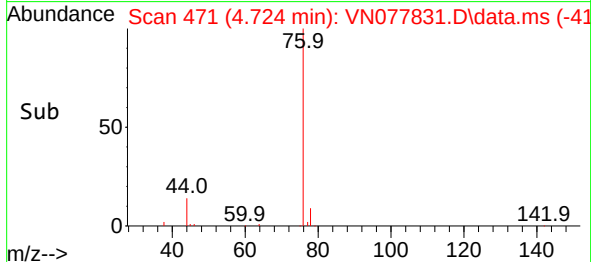
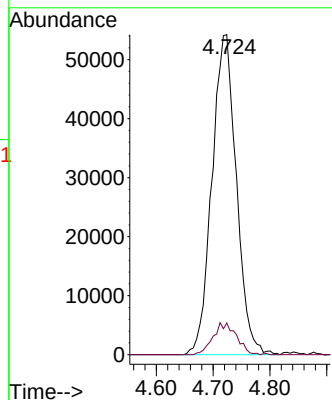
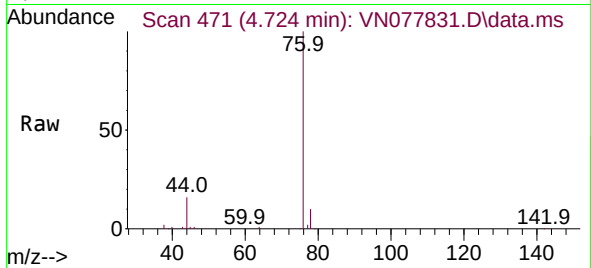
#17  
Carbon Disulfide  
Concen: 16.213 ug/l  
RT: 4.724 min Scan# 471  
Delta R.T. 0.012 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 76 Resp: 16181  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.4 11.0

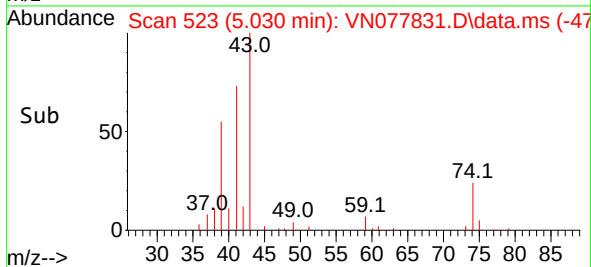
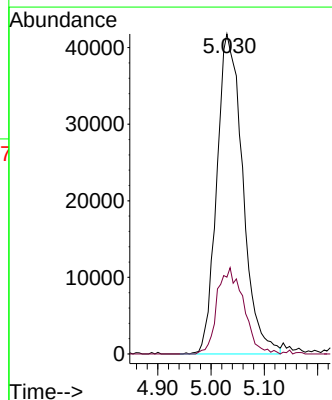
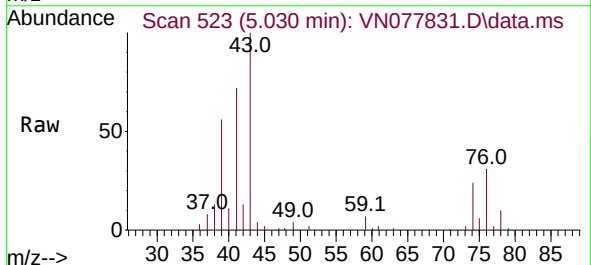
Manual Integrations  
APPROVED

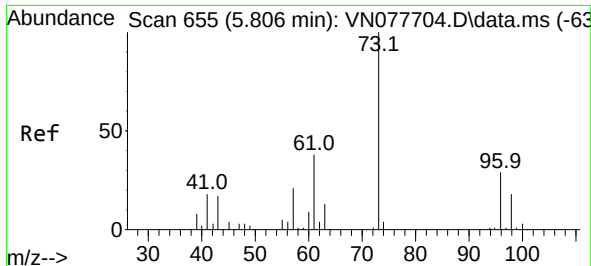
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#18  
Methyl Acetate  
Concen: 20.311 ug/l  
RT: 5.030 min Scan# 523  
Delta R.T. -0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

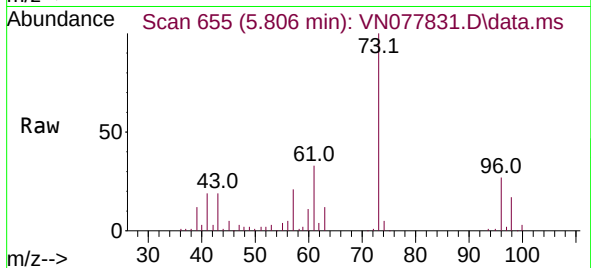
Tgt Ion: 43 Resp: 141260  
Ion Ratio Lower Upper  
43 100  
74 27.5 26.2 39.4





#19  
Methyl tert-butyl Ether  
Concen: 21.005 ug/l  
RT: 5.806 min Scan# 610  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

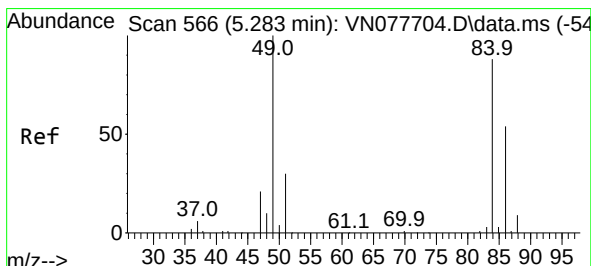
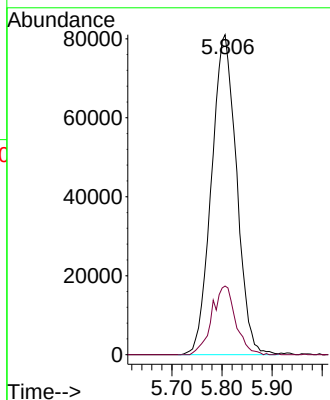
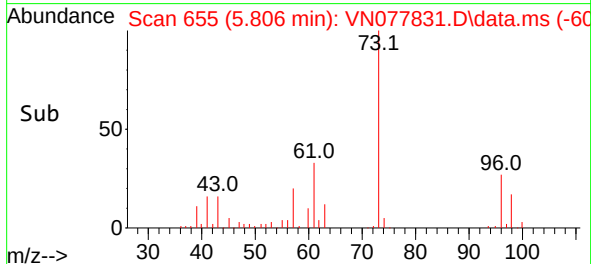
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 73 Resp: 28162  
Ion Ratio Lower Upper  
73 100  
57 21.5 15.6 23.4

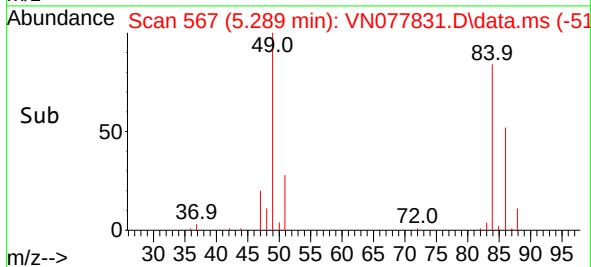
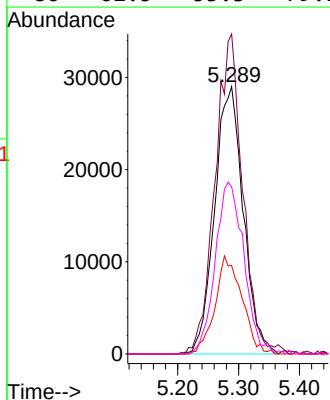
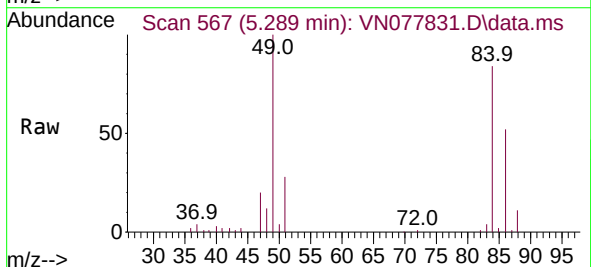
Manual Integrations  
APPROVED

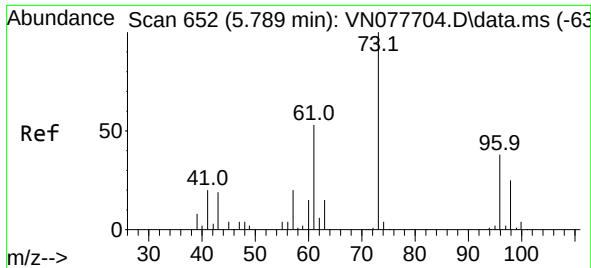
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#20  
Methylene Chloride  
Concen: 20.781 ug/l  
RT: 5.289 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

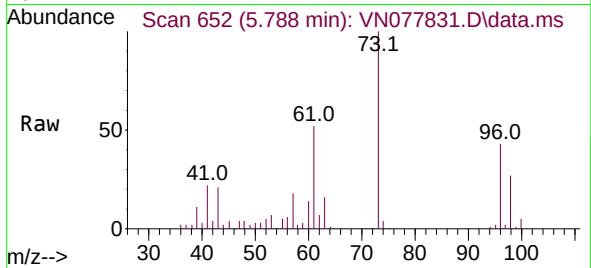
Tgt Ion: 84 Resp: 94653  
Ion Ratio Lower Upper  
84 100  
49 119.7 79.7 119.5#  
51 33.1 25.2 37.8  
86 62.5 53.3 79.9





#21  
trans-1,2-Dichloroethene  
Concen: 19.609 ug/l  
RT: 5.788 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

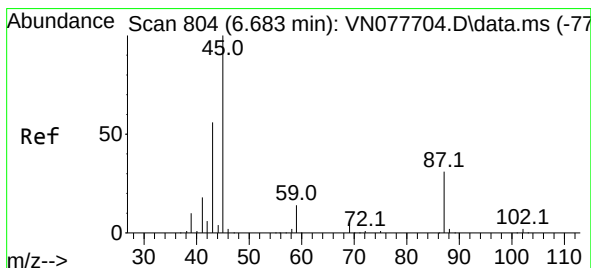
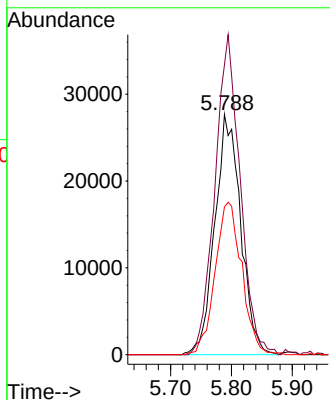
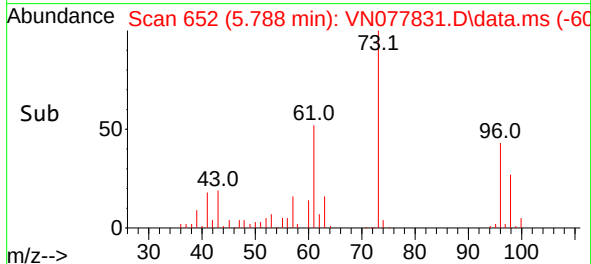
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



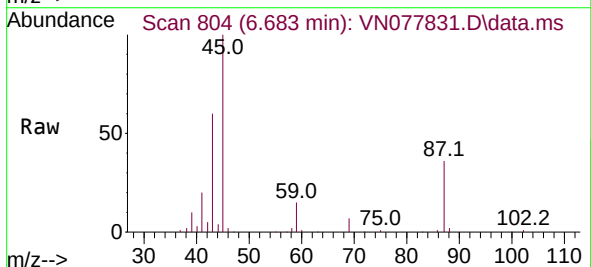
Tgt Ion: 96 Resp: 81590  
Ion Ratio Lower Upper  
96 100  
61 120.6 90.1 135.1  
98 61.5 46.4 69.6

Manual Integrations  
APPROVED

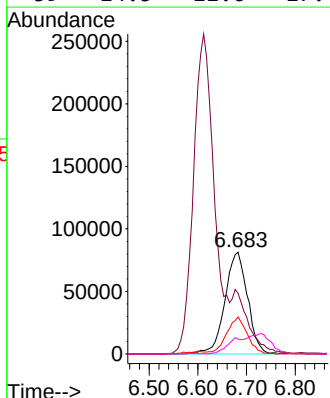
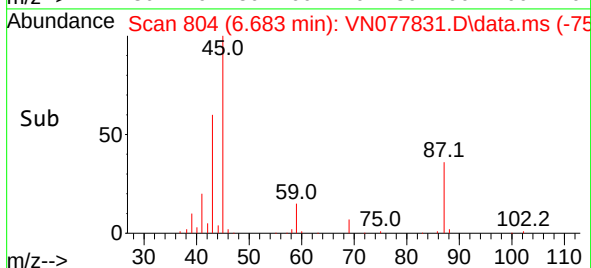
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

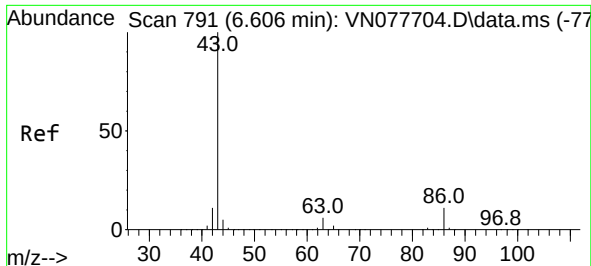


#22  
Diisopropyl ether  
Concen: 20.590 ug/l  
RT: 6.683 min Scan# 804  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



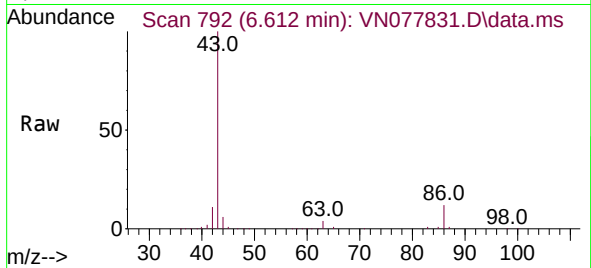
Tgt Ion: 45 Resp: 262624  
Ion Ratio Lower Upper  
45 100  
43 57.0 45.5 68.3  
87 36.4 31.8 47.8  
59 14.5 11.6 17.4





#23  
 Vinyl Acetate  
 Concen: 96.429 ug/l  
 RT: 6.612 min Scan# 791  
 Delta R.T. 0.006 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

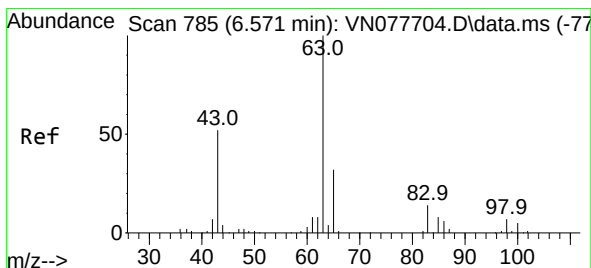
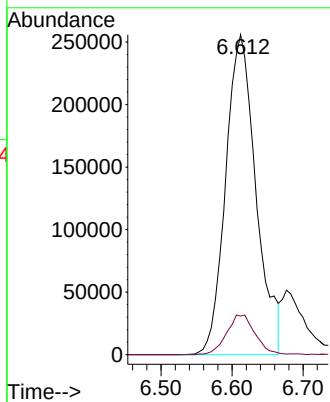
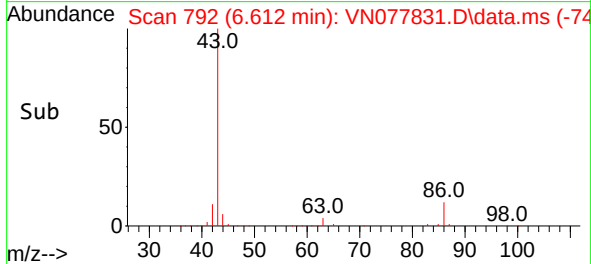
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0523WBS02



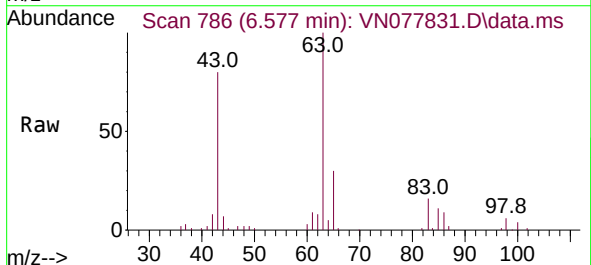
Tgt Ion: 43 Resp: 762038  
 Ion Ratio Lower Upper  
 43 100  
 86 12.0 13.0 19.6

Manual Integrations  
 APPROVED

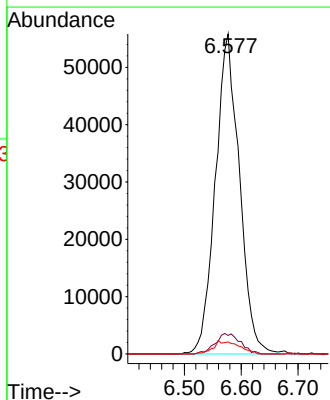
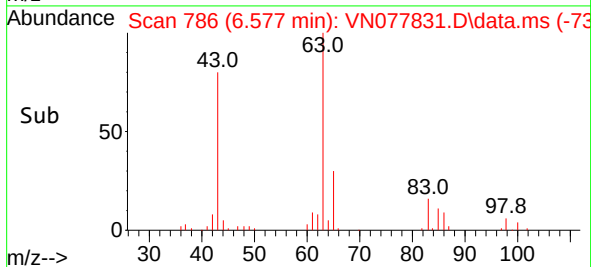
Reviewed By :John Carlone 05/25/2023  
 Supervised By :Mahesh Dadoda 05/25/2023



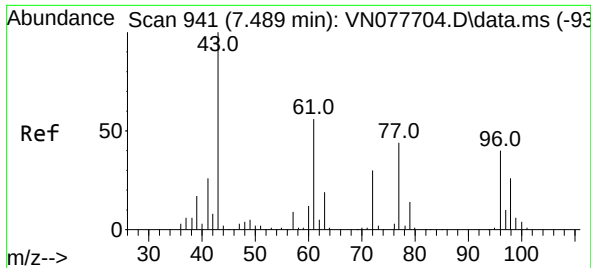
#24  
 1,1-Dichloroethane  
 Concen: 20.964 ug/l  
 RT: 6.577 min Scan# 786  
 Delta R.T. 0.006 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25



Tgt Ion: 63 Resp: 163813  
 Ion Ratio Lower Upper  
 63 100  
 98 5.8 3.9 11.7  
 100 3.8 2.5 7.4

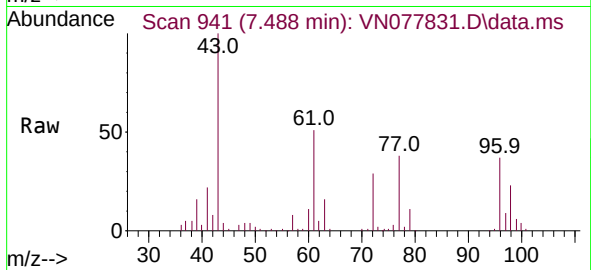






#25  
2-Butanone  
Concen: 94.440 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

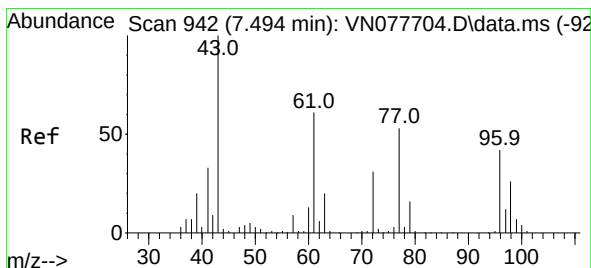
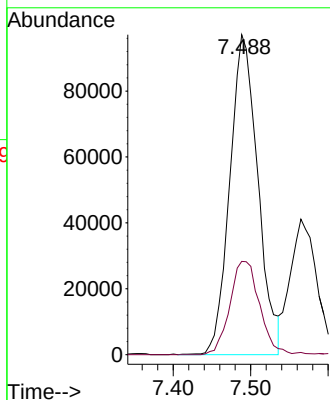
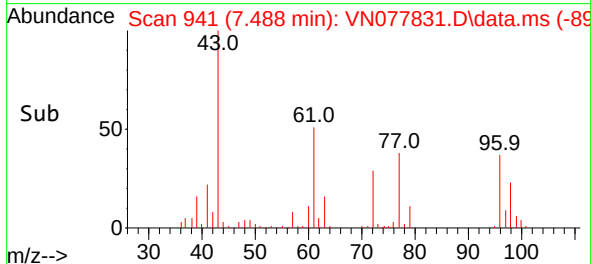
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 43 Resp: 244920  
Ion Ratio Lower Upper  
43 100  
72 29.1 30.2 45.2

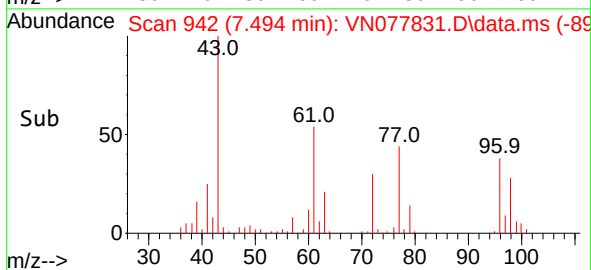
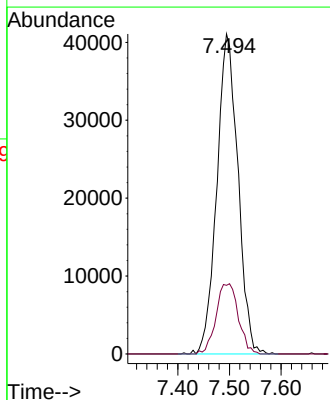
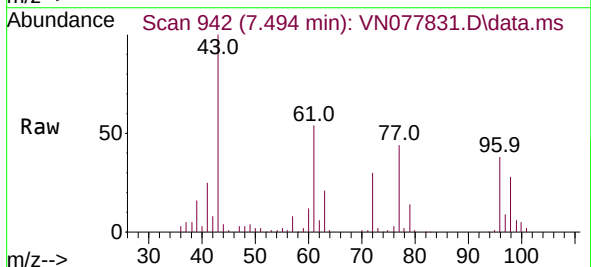
Manual Integrations  
APPROVED

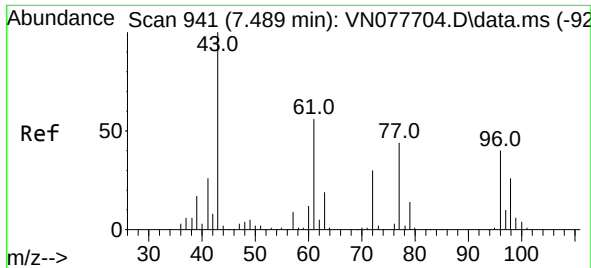
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#26  
2,2-Dichloropropane  
Concen: 17.508 ug/l  
RT: 7.494 min Scan# 942  
Delta R.T. -0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

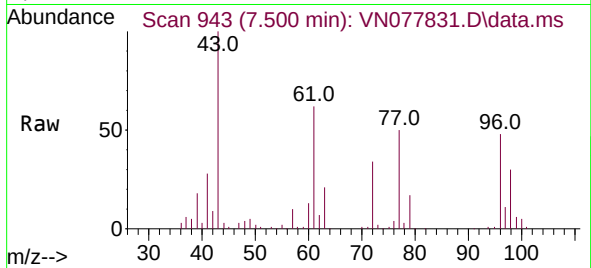
Tgt Ion: 77 Resp: 116230  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.2 33.6





#27  
 cis-1,2-Dichloroethene  
 Concen: 20.562 ug/l  
 RT: 7.500 min Scan# 941  
 Delta R.T. 0.012 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

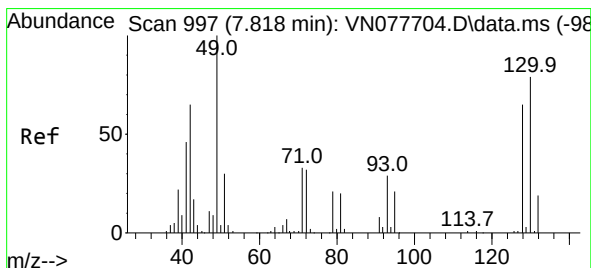
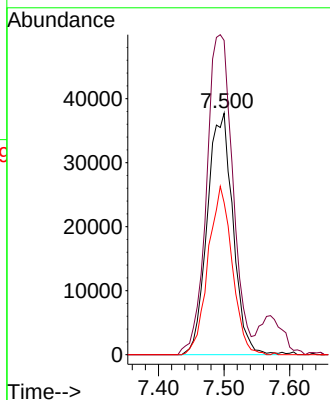
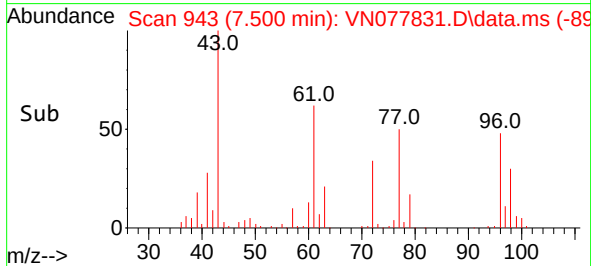
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0523WBS02



Tgt Ion: 96 Resp: 10258  
 Ion Ratio Lower Upper  
 96 100  
 61 134.9 0.0 255.2  
 98 65.2 0.0 128.8

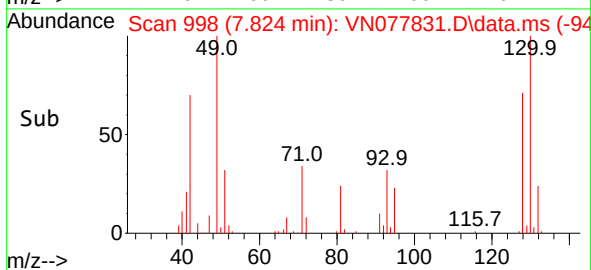
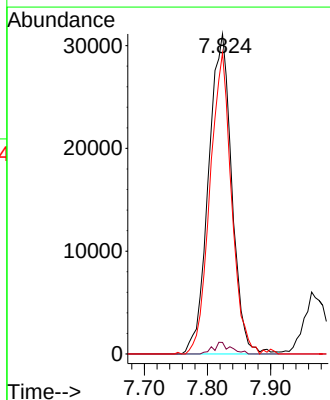
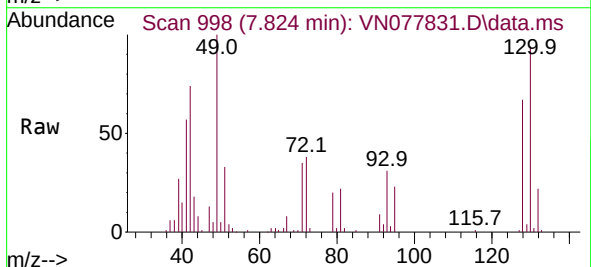
Manual Integrations  
 APPROVED

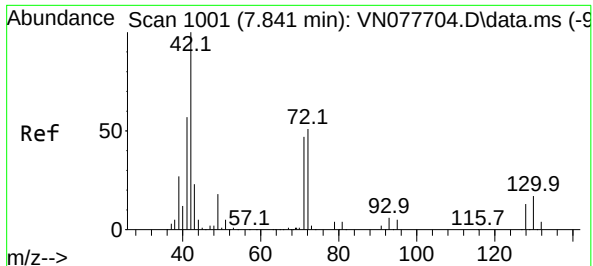
Reviewed By :John Carlone 05/25/2023  
 Supervised By :Mahesh Dadoda 05/25/2023



#28  
 Bromochloromethane  
 Concen: 23.617 ug/l  
 RT: 7.824 min Scan# 998  
 Delta R.T. 0.006 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

Tgt Ion: 49 Resp: 79813  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 4.8  
 130 86.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.487 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 42 Resp: 15875

Ion Ratio Lower Upper

42 100

72 51.8 49.8 74.6

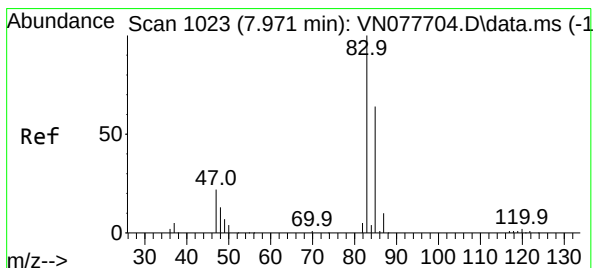
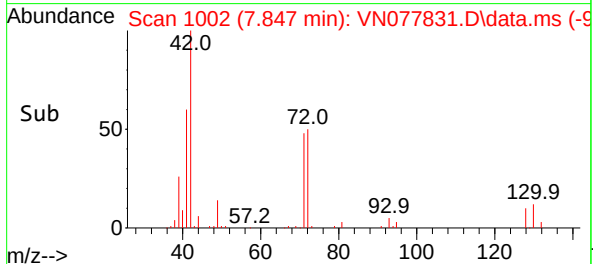
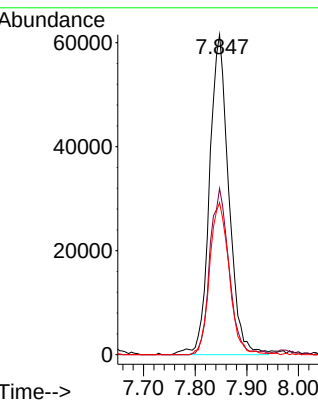
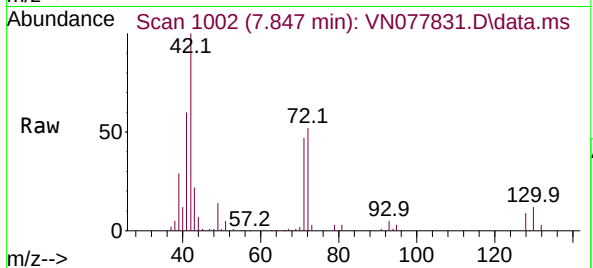
71 48.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#30

Chloroform

Concen: 21.187 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN077831.D

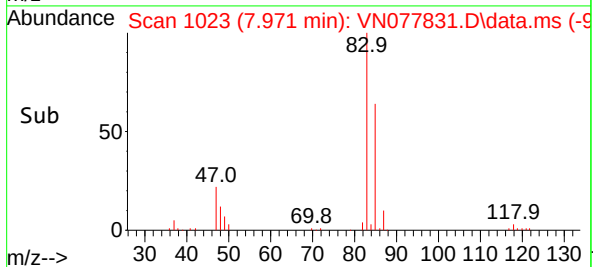
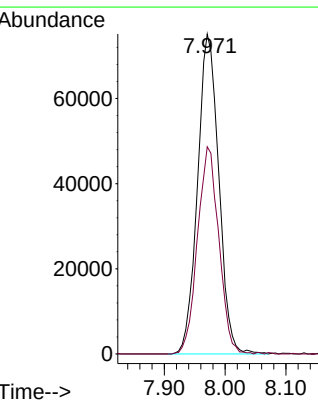
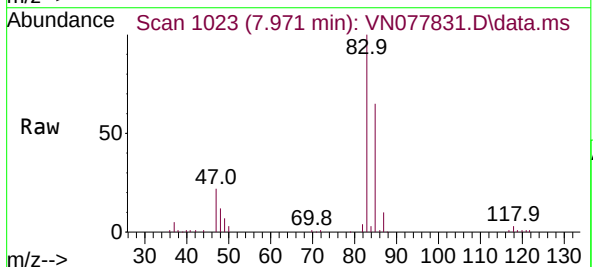
Acq: 24 May 2023 01:25

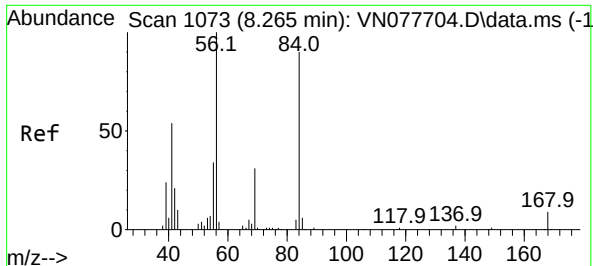
Tgt Ion: 83 Resp: 182119

Ion Ratio Lower Upper

83 100

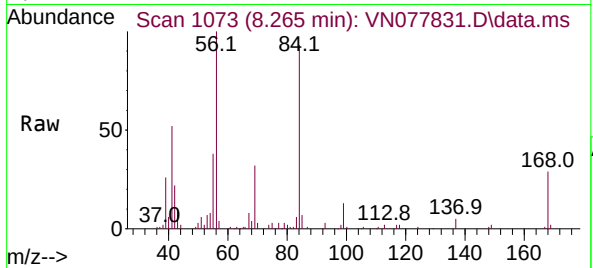
85 64.7 55.4 83.0





#31  
Cyclohexane  
Concen: 17.427 ug/l  
RT: 8.265 min Scan# 1073  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

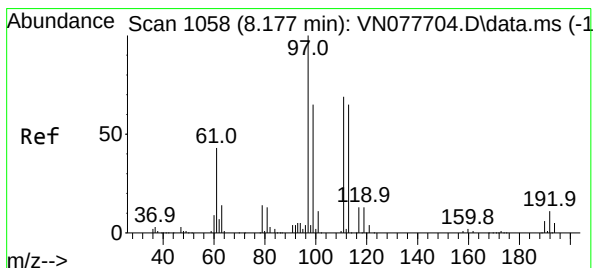
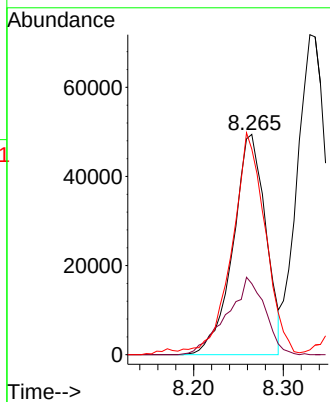
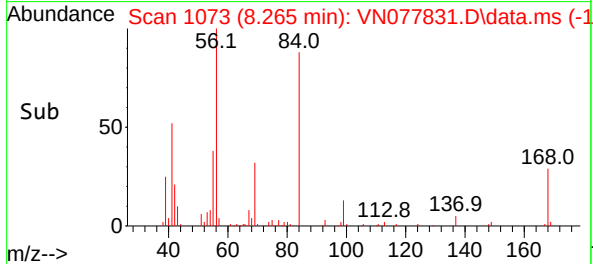
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



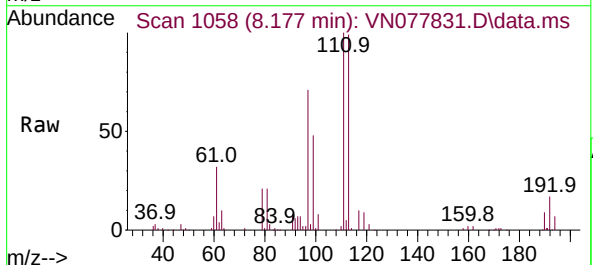
Tgt Ion: 56 Resp: 124809  
Ion Ratio Lower Upper  
56 100  
69 32.3 26.8 40.2  
84 91.5 81.8 122.6

Manual Integrations  
APPROVED

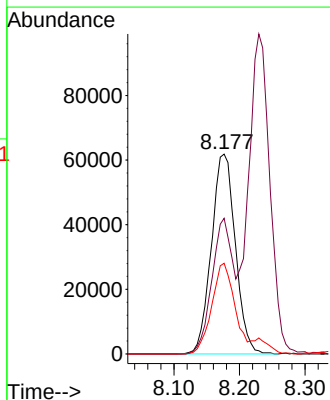
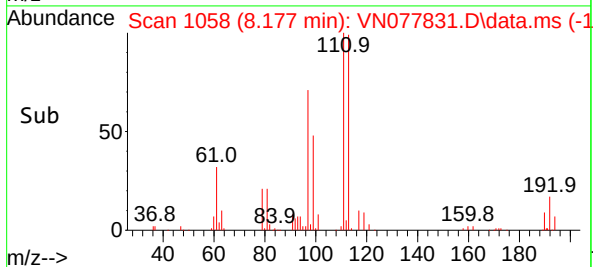
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

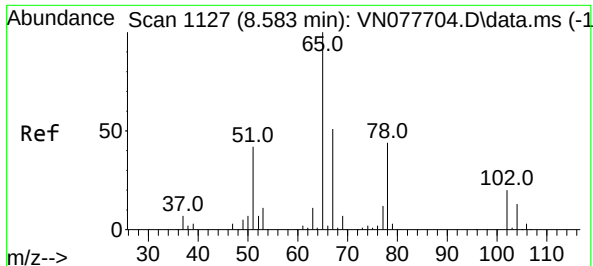


#32  
1,1,1-Trichloroethane  
Concen: 21.479 ug/l  
RT: 8.177 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



Tgt Ion: 97 Resp: 156971  
Ion Ratio Lower Upper  
97 100  
99 59.1 50.3 75.5  
61 45.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 46.732 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 65 Resp: 24625

Ion Ratio Lower Upper

65 100

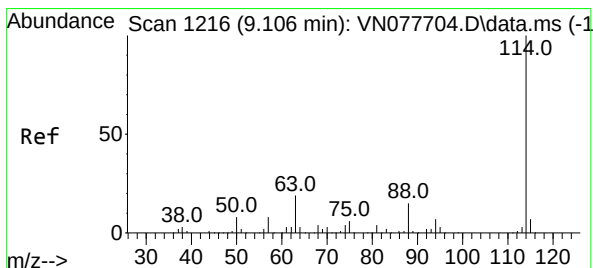
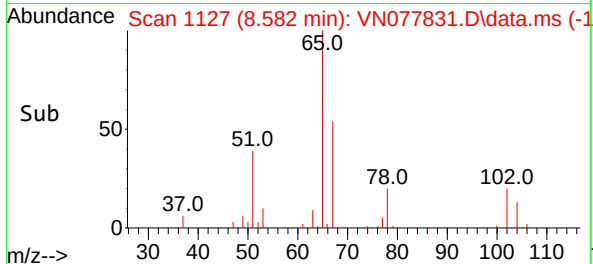
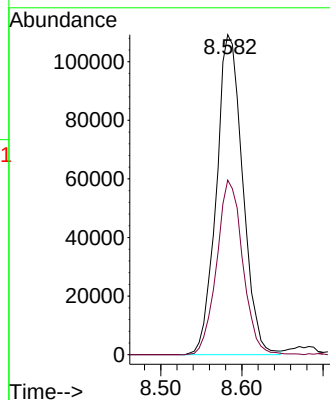
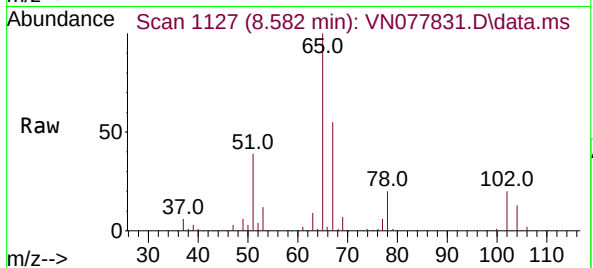
67 53.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

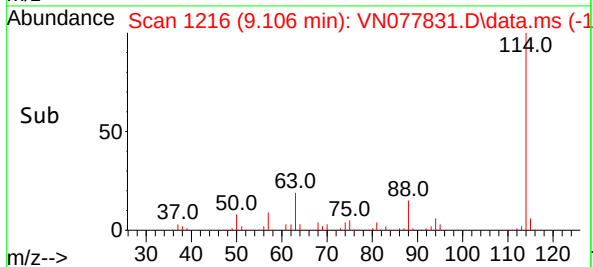
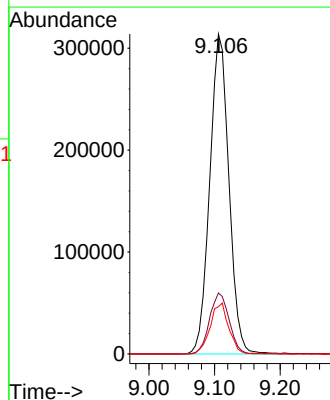
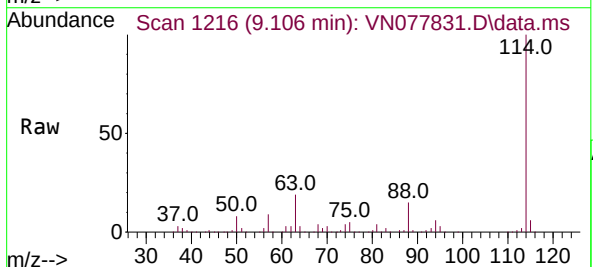
Tgt Ion:114 Resp: 636621

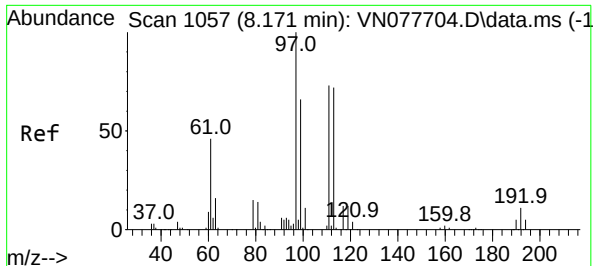
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.703 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 113 Resp: 21048

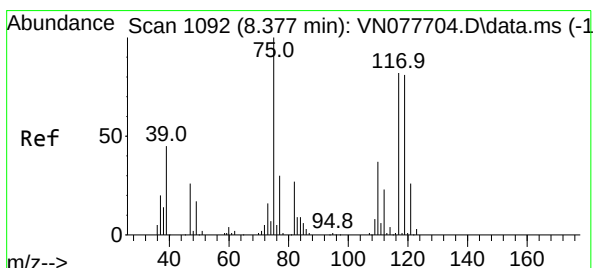
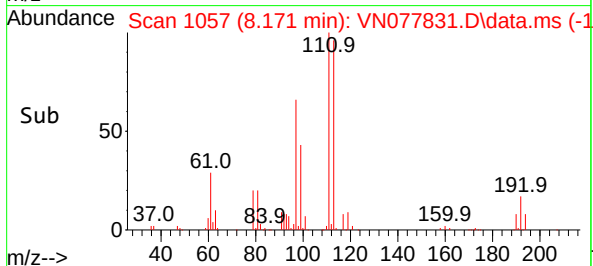
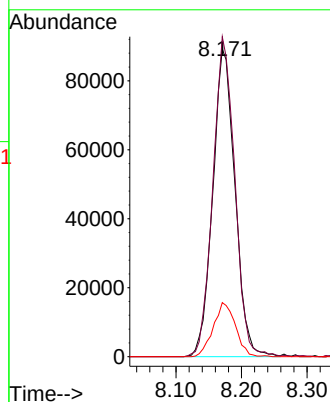
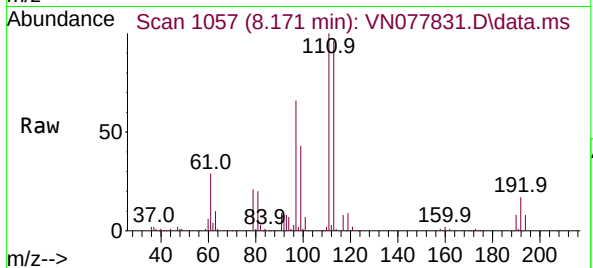
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.4 | 82.6  | 123.8 |
| 192 | 17.6  | 12.7  | 19.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#36

1,1-Dichloropropene

Concen: 20.042 ug/l

RT: 8.377 min Scan# 1092

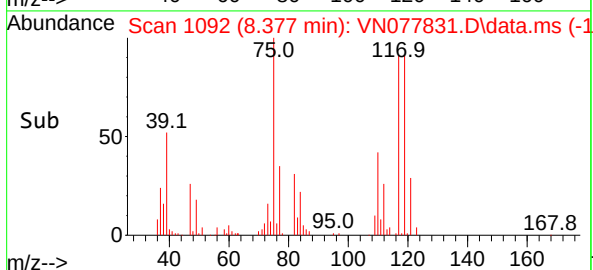
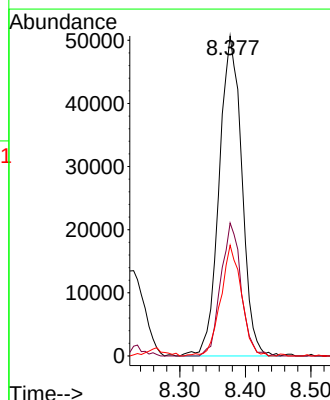
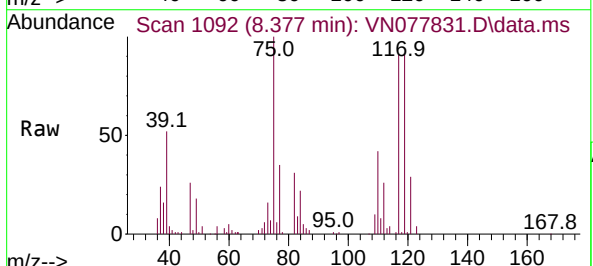
Delta R.T. -0.000 min

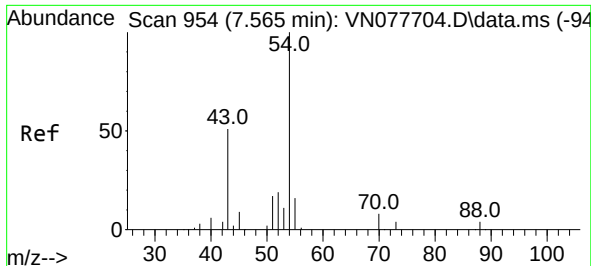
Lab File: VN077831.D

Acq: 24 May 2023 01:25

Tgt Ion: 75 Resp: 121692

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 37.2  | 19.1  | 57.3  |
| 77  | 31.6  | 25.0  | 37.4  |





#37

Ethyl Acetate

Concen: 18.638 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 43 Resp: 10087

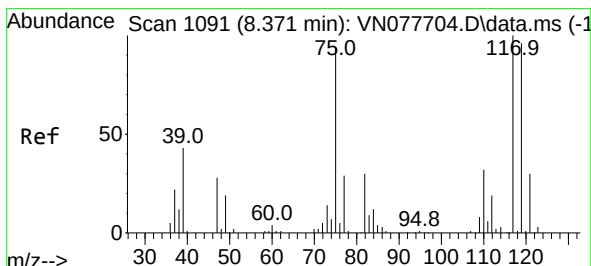
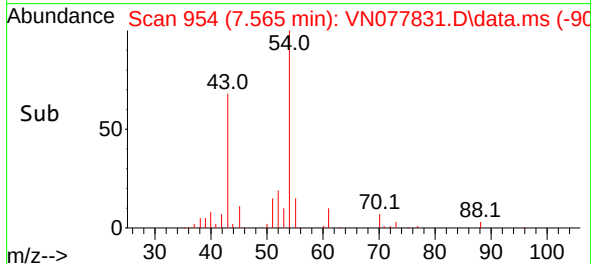
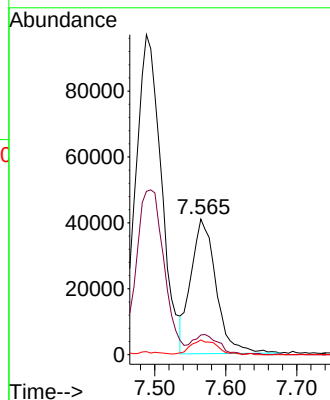
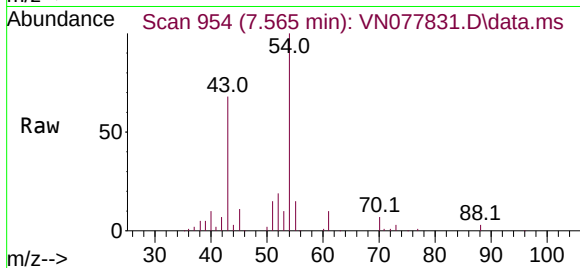
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.5  | 13.2  | 19.8  |
| 70  | 11.7  | 11.3  | 16.9  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#38

Carbon Tetrachloride

Concen: 21.838 ug/l

RT: 8.365 min Scan# 1090

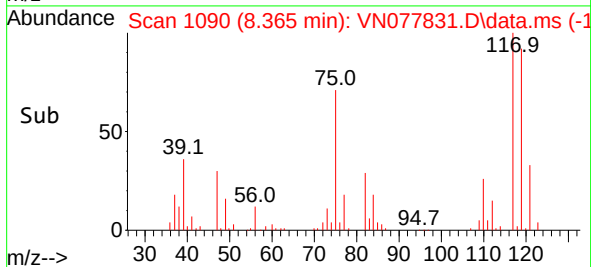
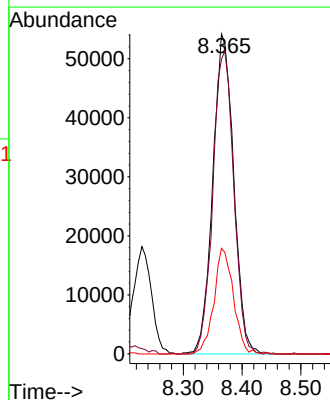
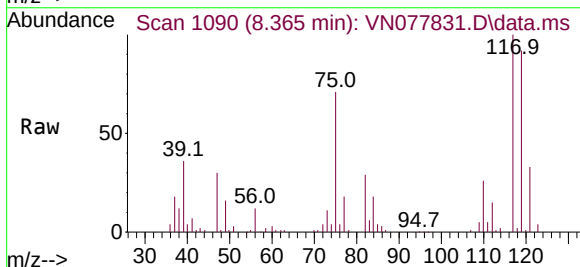
Delta R.T. -0.006 min

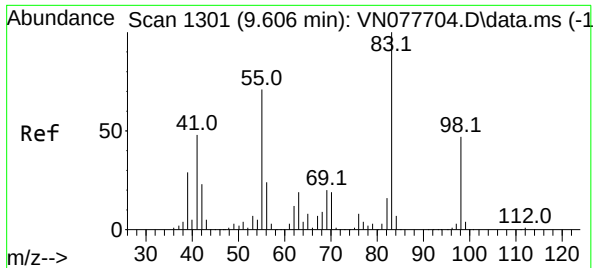
Lab File: VN077831.D

Acq: 24 May 2023 01:25

Tgt Ion:117 Resp: 133900

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 92.1  | 77.3  | 115.9 |
| 121 | 33.0  | 23.3  | 34.9  |





#39

Methylcyclohexane

Concen: 19.042 ug/l

RT: 9.606 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 83 Resp: 141552

Ion Ratio Lower Upper

83 100

55 68.5 49.1 73.7

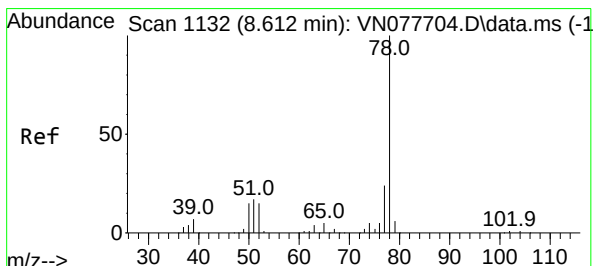
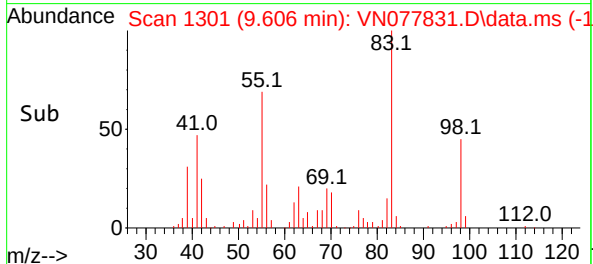
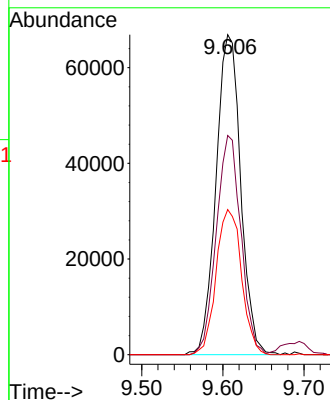
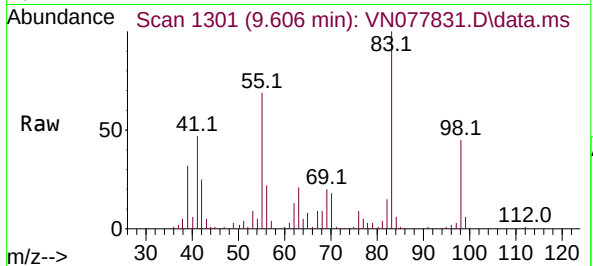
98 45.3 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#40

Benzene

Concen: 20.936 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN077831.D

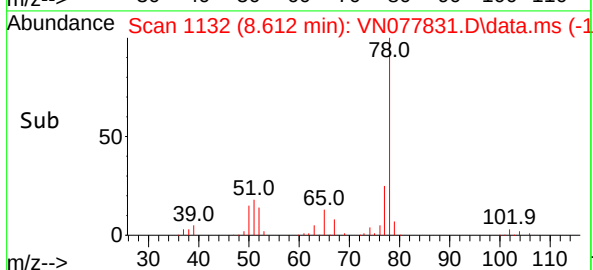
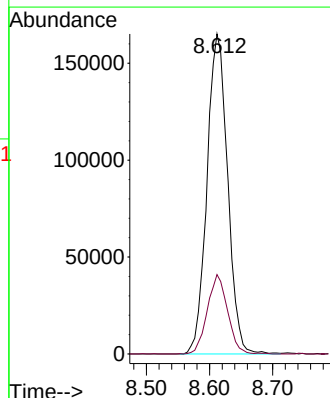
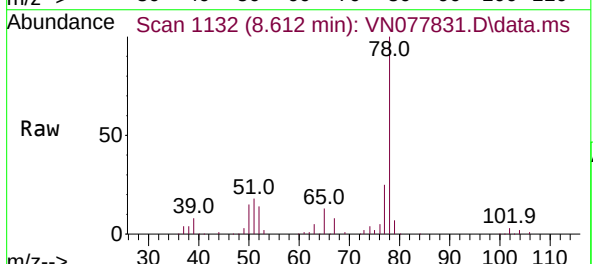
Acq: 24 May 2023 01:25

Tgt Ion: 78 Resp: 375131

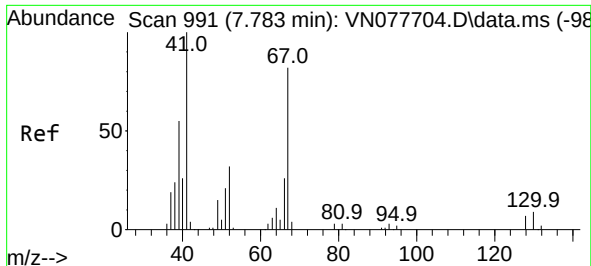
Ion Ratio Lower Upper

78 100

77 24.8 19.0 28.6

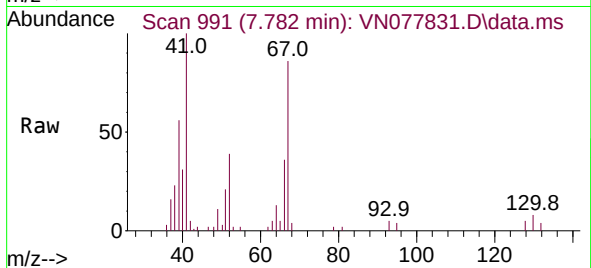






#41  
Methacrylonitrile  
Concen: 19.252 ug/l  
RT: 7.782 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

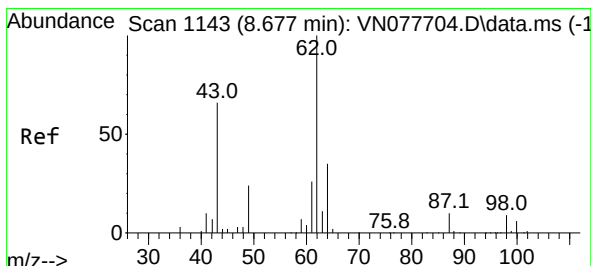
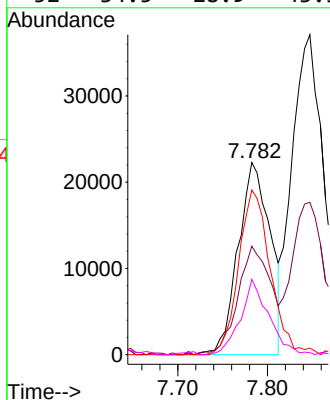
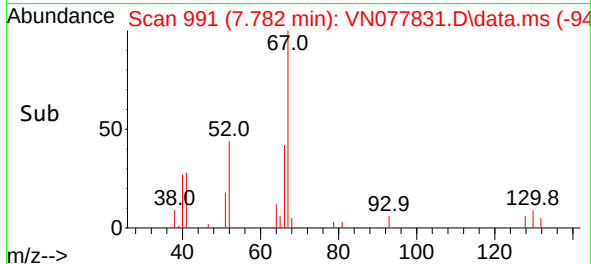
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 41 Resp: 5548  
Ion Ratio Lower Upper  
41 100  
39 57.8 42.6 64.0  
67 84.4 77.5 116.3  
52 34.5 28.9 43.3

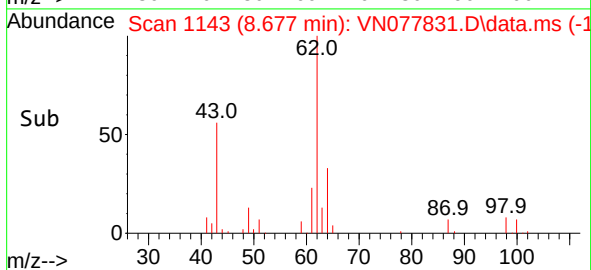
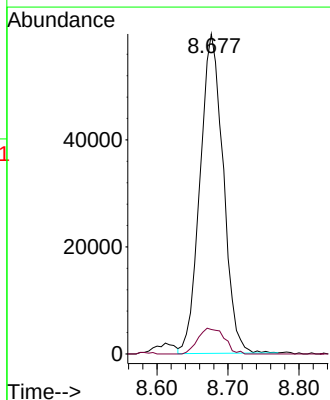
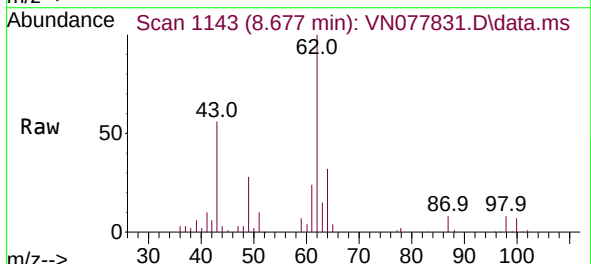
Manual Integrations  
APPROVED

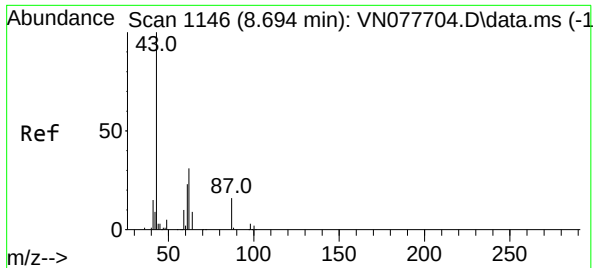
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#42  
1,2-Dichloroethane  
Concen: 20.819 ug/l  
RT: 8.677 min Scan# 1143  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

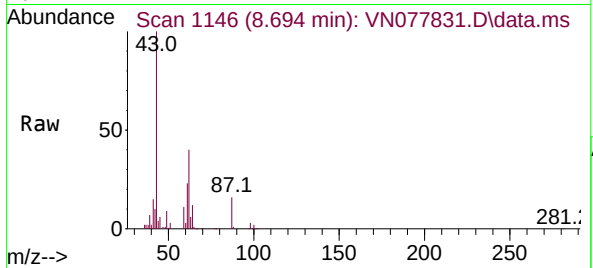
Tgt Ion: 62 Resp: 135509  
Ion Ratio Lower Upper  
62 100  
98 9.2 0.0 19.8





#43  
Isopropyl Acetate  
Concen: 22.011 ug/l  
RT: 8.694 min Scan# 1146  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

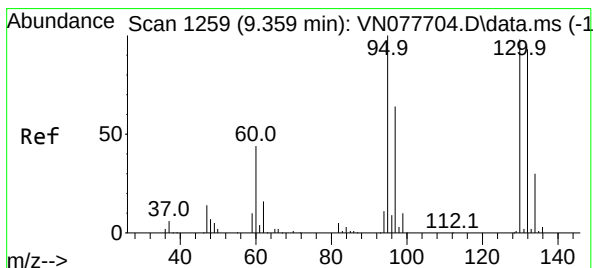
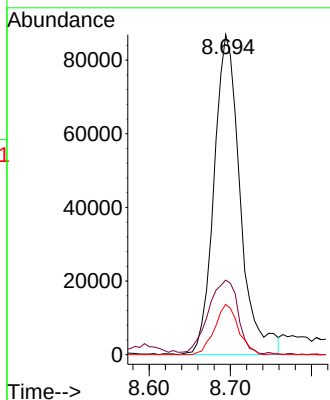
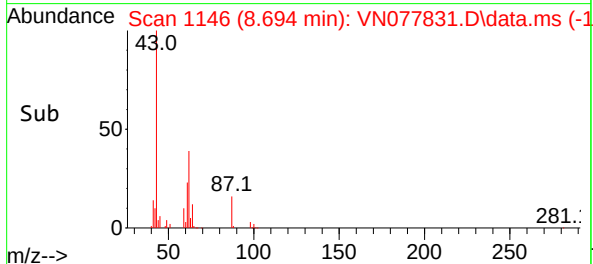
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 43 Resp: 194570  
Ion Ratio Lower Upper  
43 100  
61 26.1 24.7 37.1  
87 14.3 14.6 21.8

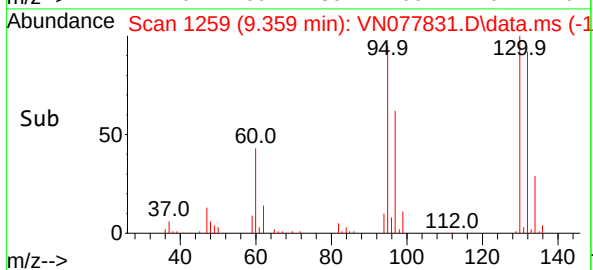
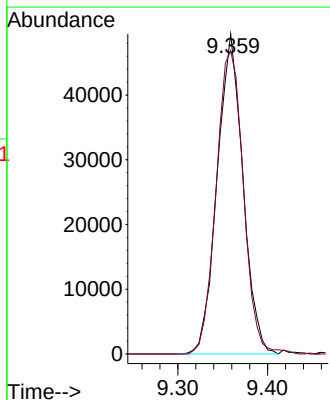
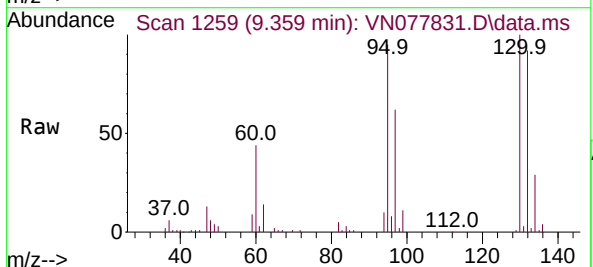
Manual Integrations  
APPROVED

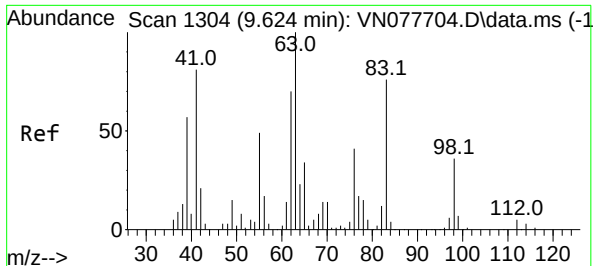
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#44  
Trichloroethene  
Concen: 21.665 ug/l  
RT: 9.359 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion:130 Resp: 98294  
Ion Ratio Lower Upper  
130 100  
95 94.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 21.732 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 63 Resp: 9932

Ion Ratio Lower Upper

63 100

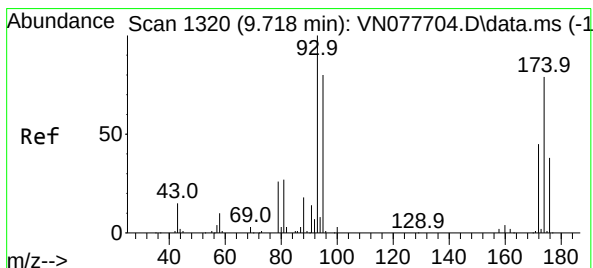
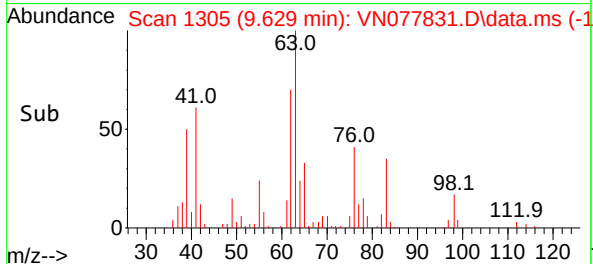
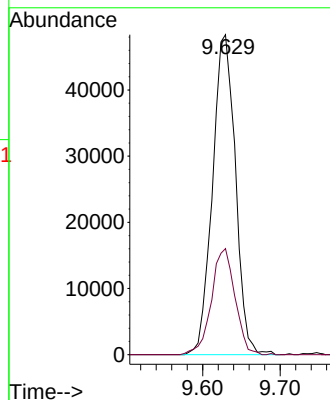
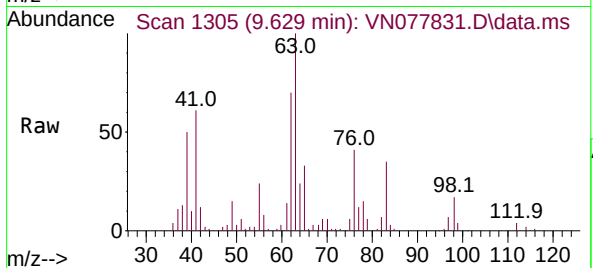
65 33.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#46

Dibromomethane

Concen: 21.311 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

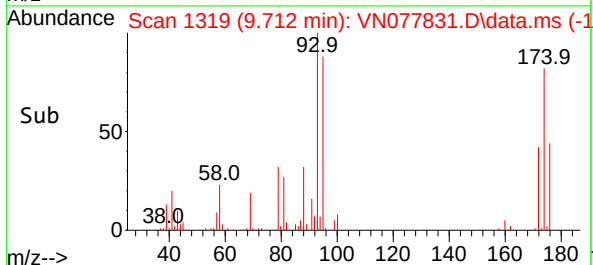
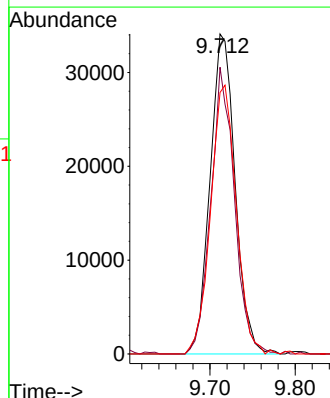
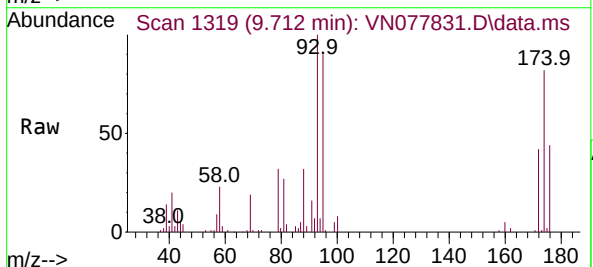
Tgt Ion: 93 Resp: 69695

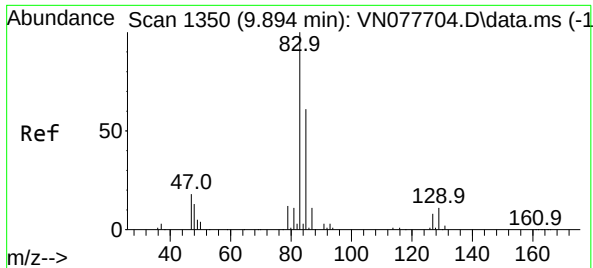
Ion Ratio Lower Upper

93 100

95 84.4 63.8 95.8

174 86.0 65.6 98.4





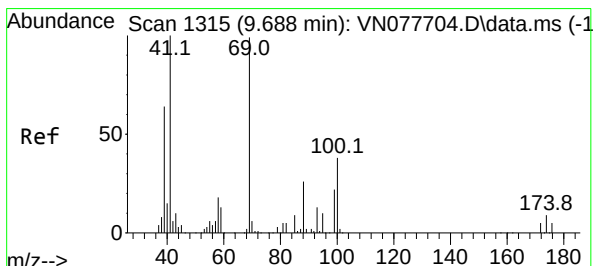
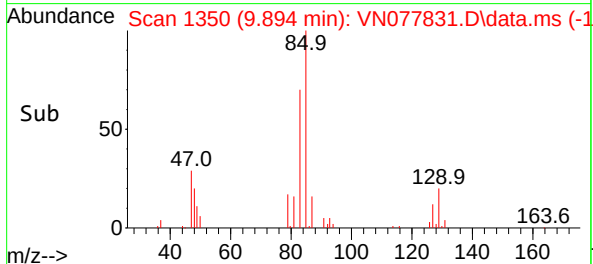
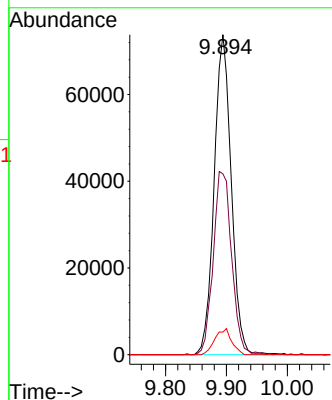
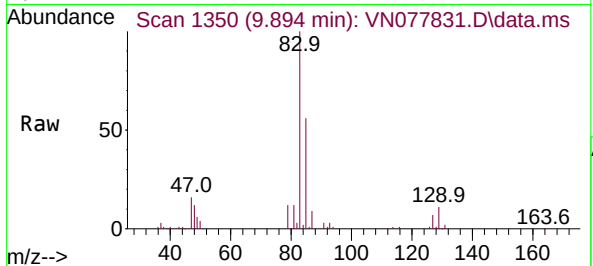
#47  
Bromodichloromethane  
Concen: 22.968 ug/l  
RT: 9.894 min Scan# 1350  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 83 Resp: 143812  
Ion Ratio Lower Upper  
83 100  
85 56.5 49.6 74.4  
127 7.0 7.0 10.6

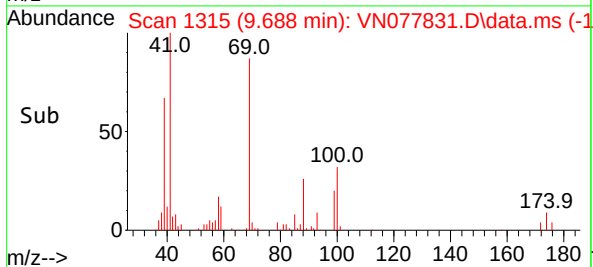
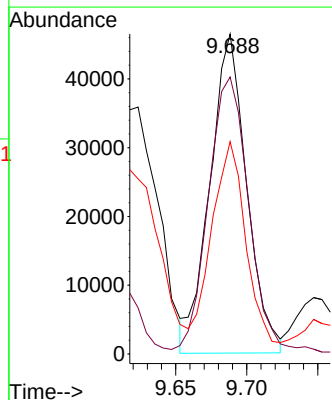
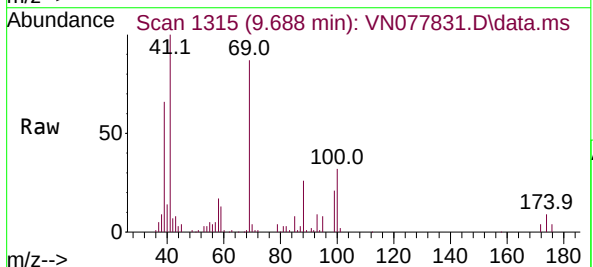
Manual Integrations  
APPROVED

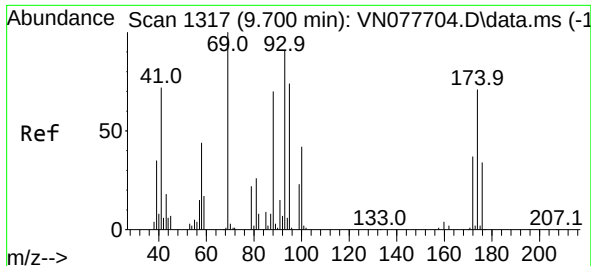
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#48  
Methyl methacrylate  
Concen: 19.881 ug/l  
RT: 9.688 min Scan# 1315  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion: 41 Resp: 83325  
Ion Ratio Lower Upper  
41 100  
69 95.1 90.4 135.6  
39 64.1 54.6 81.8





#49

1,4-Dioxane

Concen: 430.203 ug/l

RT: 9.706 min Scan# 1317

Delta R.T. 0.012 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

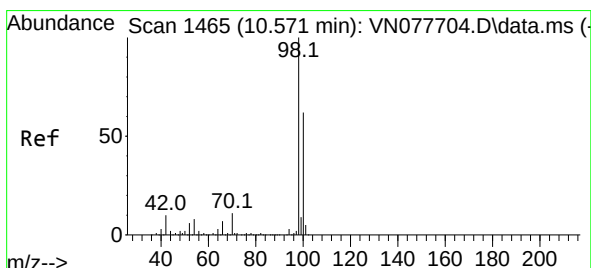
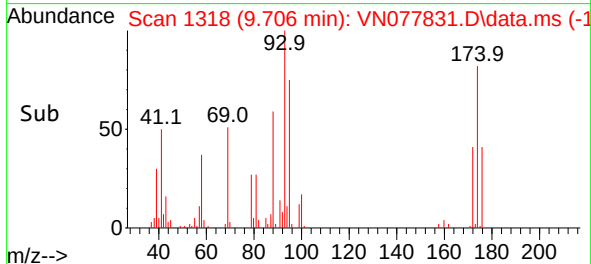
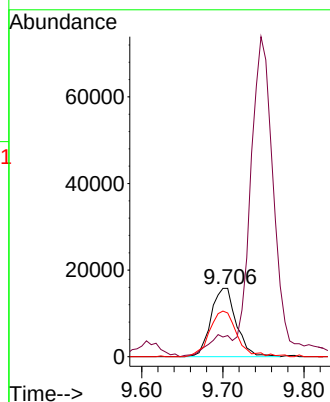
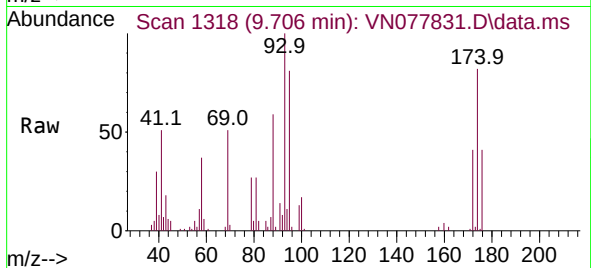
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 88    | Resp: | 3405 |
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 30.5  | 17.0  | 25.6 |
| 58        | 72.7  | 47.0  | 70.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#50

Toluene-d8

Concen: 48.819 ug/l

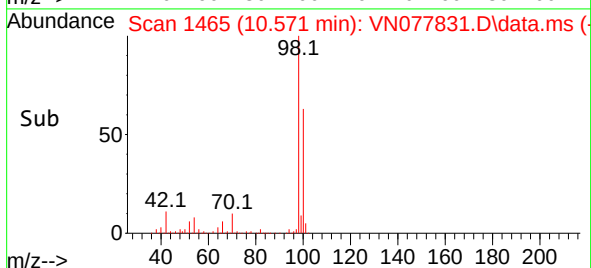
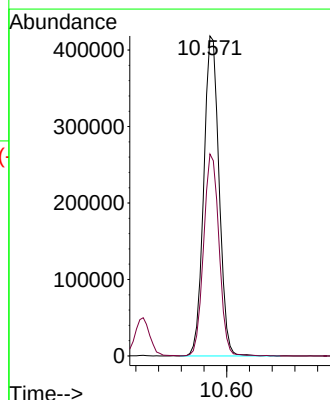
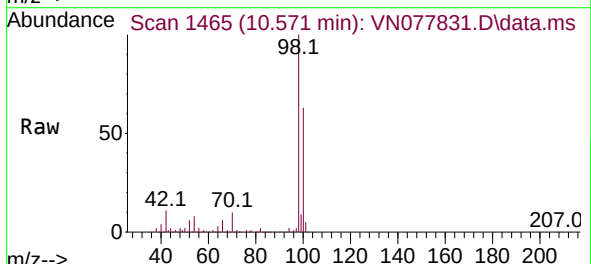
RT: 10.571 min Scan# 1465

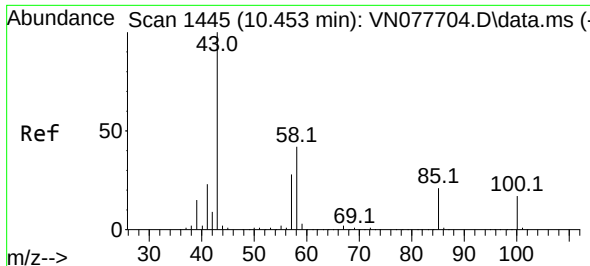
Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

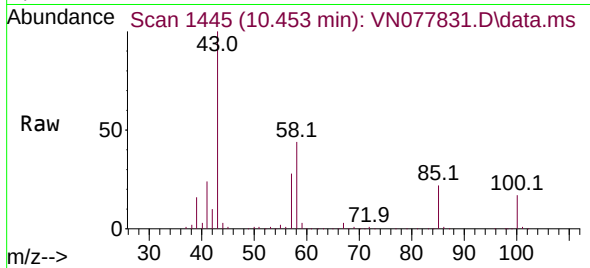
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 98    | Resp: | 780062 |
| Ion Ratio | Lower | Upper |        |
| 98        | 100   |       |        |
| 100       | 63.5  | 52.0  | 78.0   |





#51  
4-Methyl-2-Pentanone  
Concen: 101.930 ug/l  
RT: 10.453 min Scan# 1445  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

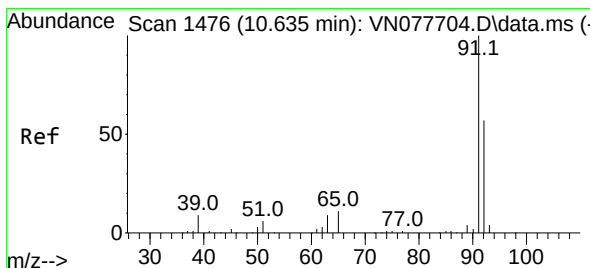
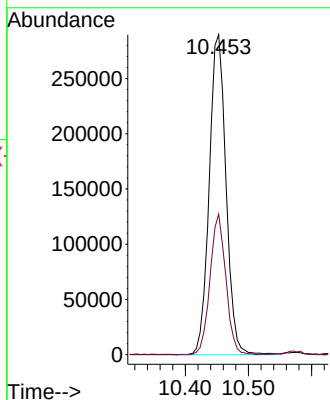
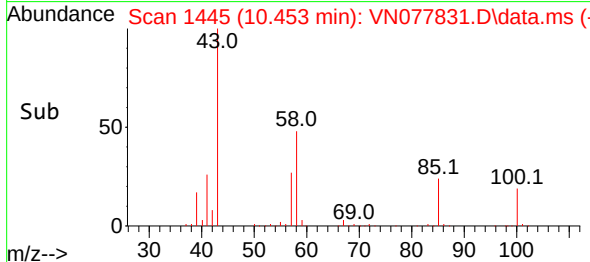
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 43 Resp: 535590  
Ion Ratio Lower Upper  
43 100  
58 41.2 36.6 54.8

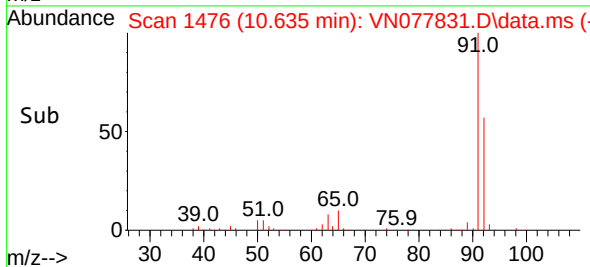
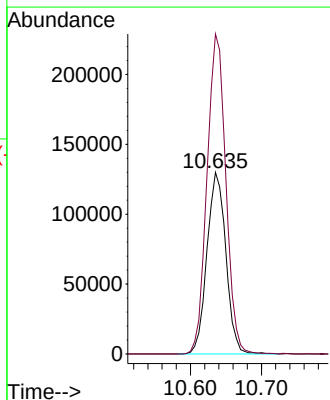
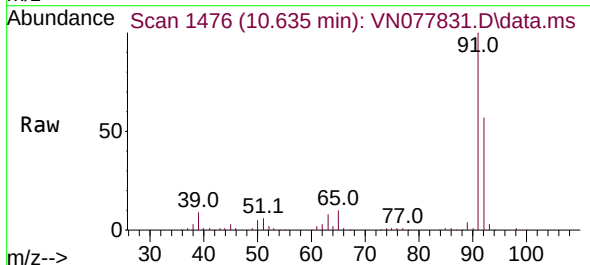
Manual Integrations  
APPROVED

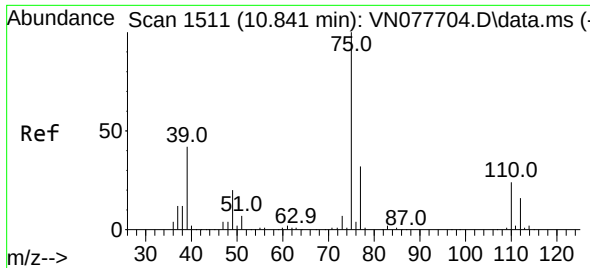
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#52  
Toluene  
Concen: 21.522 ug/l  
RT: 10.635 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

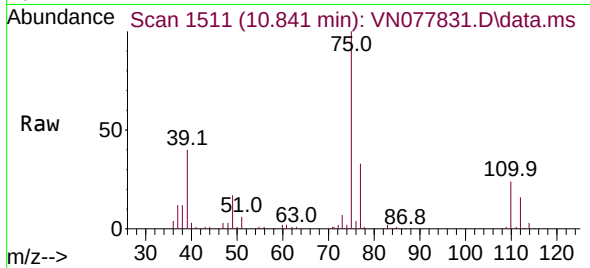
Tgt Ion: 92 Resp: 240075  
Ion Ratio Lower Upper  
92 100  
91 175.9 137.4 206.0





#53  
t-1,3-Dichloropropene  
Concen: 20.643 ug/l  
RT: 10.841 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

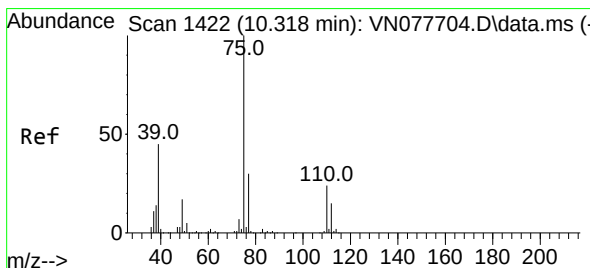
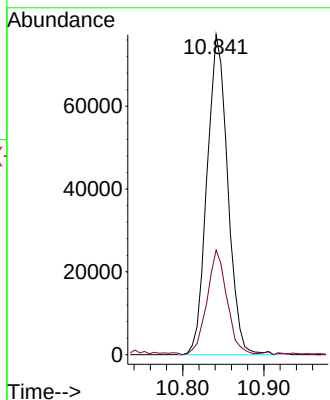
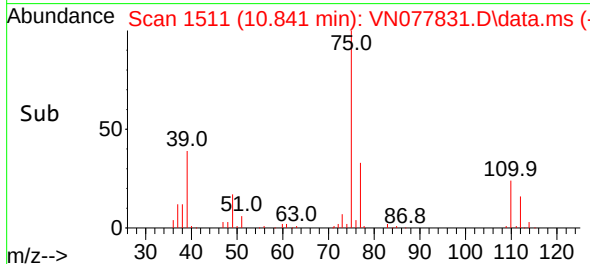
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 75 Resp: 136875  
Ion Ratio Lower Upper  
75 100  
77 32.2 25.4 38.0

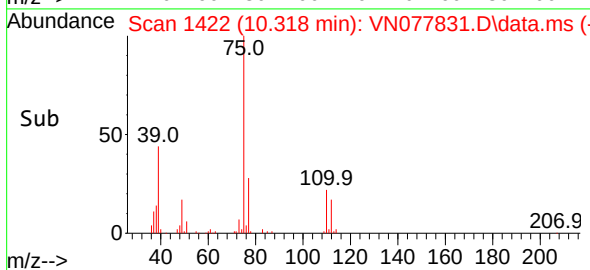
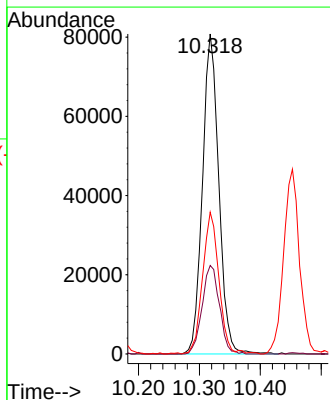
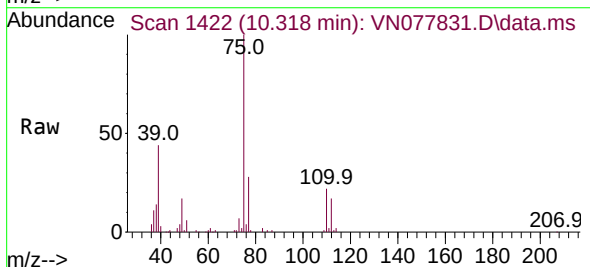
Manual Integrations  
APPROVED

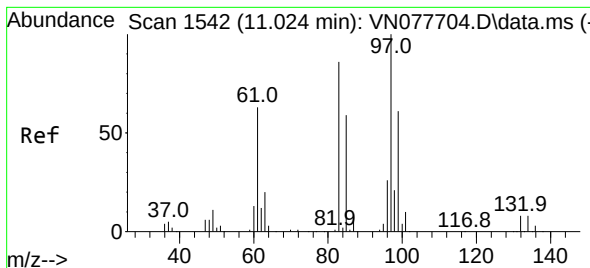
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#54  
cis-1,3-Dichloropropene  
Concen: 20.617 ug/l  
RT: 10.318 min Scan# 1422  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion: 75 Resp: 150643  
Ion Ratio Lower Upper  
75 100  
77 27.6 26.1 39.1  
39 44.0 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 22.221 ug/l

RT: 11.023 min Scan# 1542

Delta R.T. 0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

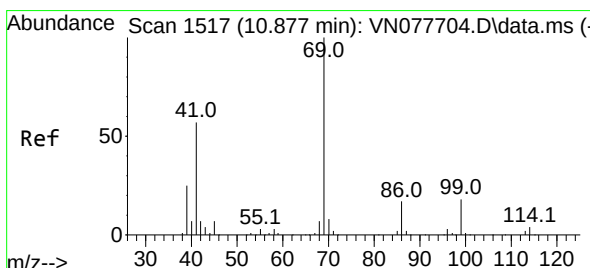
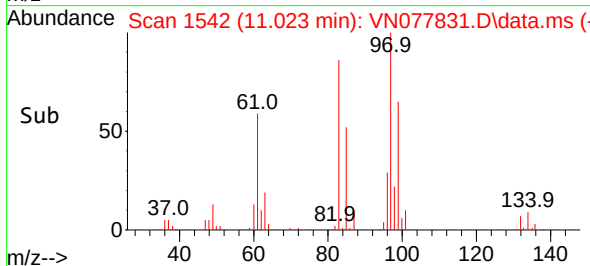
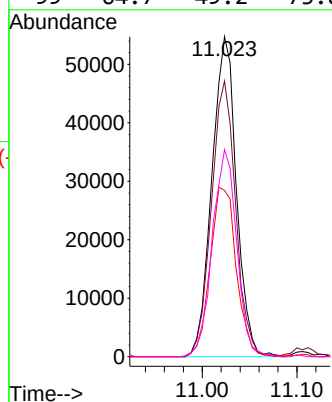
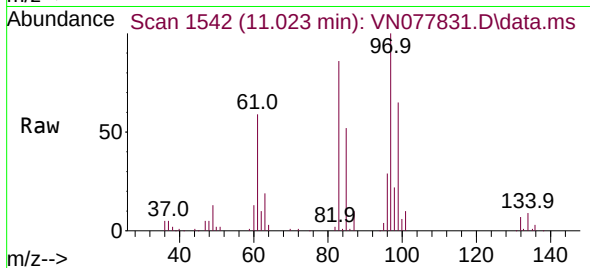
| Tgt Ion: | 97    | Resp: | 9842  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 86.2  | 65.1  | 97.7  |
| 85       | 51.9  | 43.4  | 65.2  |
| 99       | 64.7  | 49.2  | 73.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#56

Ethyl methacrylate

Concen: 20.396 ug/l

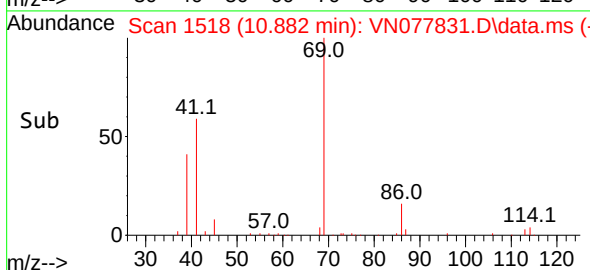
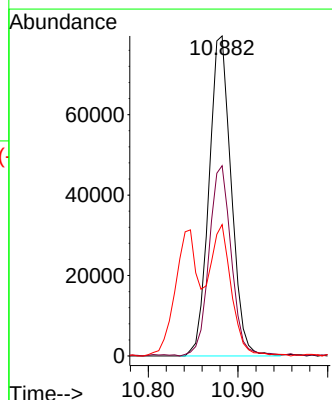
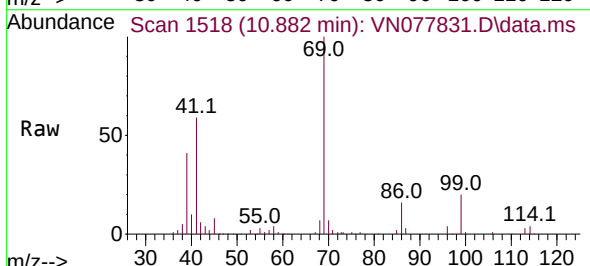
RT: 10.882 min Scan# 1518

Delta R.T. 0.000 min

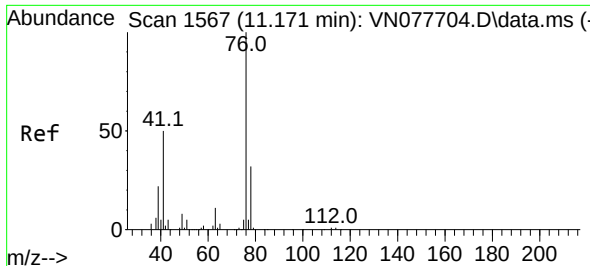
Lab File: VN077831.D

Acq: 24 May 2023 01:25

| Tgt Ion: | 69    | Resp: | 136590 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.2  | 39.6  | 59.4   |
| 39       | 40.9  | 28.6  | 43.0   |







#57

1,3-Dichloropropane

Concen: 21.524 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. -0.001 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

Tgt Ion: 76 Resp: 16343

Ion Ratio Lower Upper

76 100

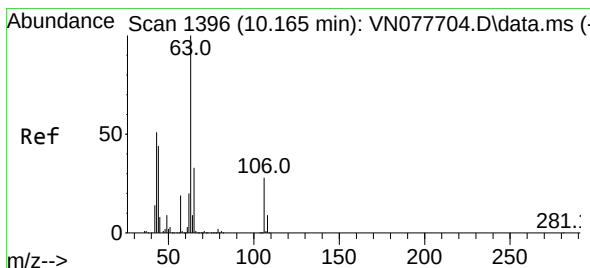
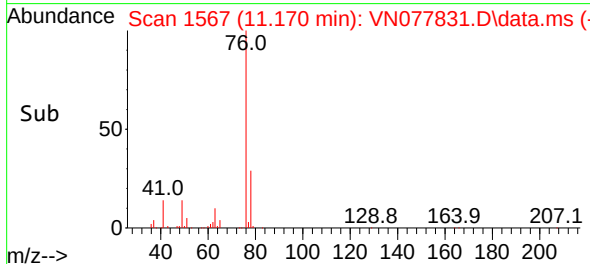
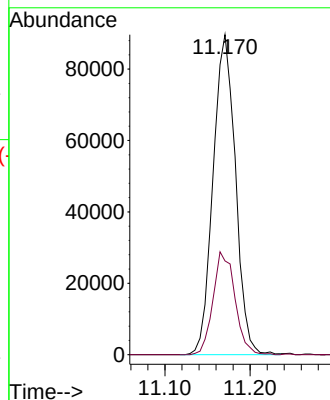
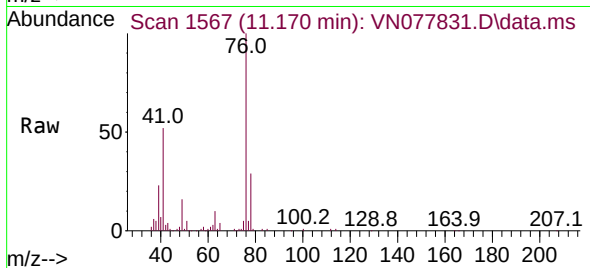
78 31.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 99.308 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN077831.D

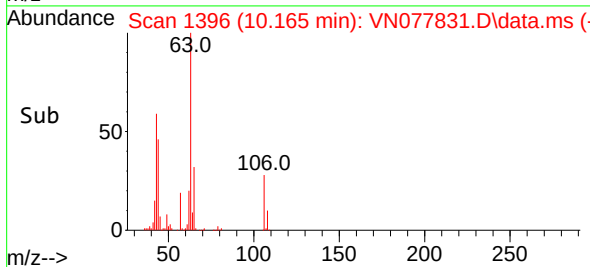
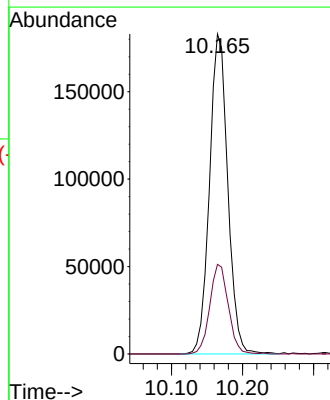
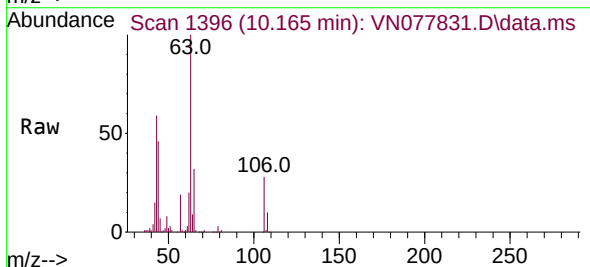
Acq: 24 May 2023 01:25

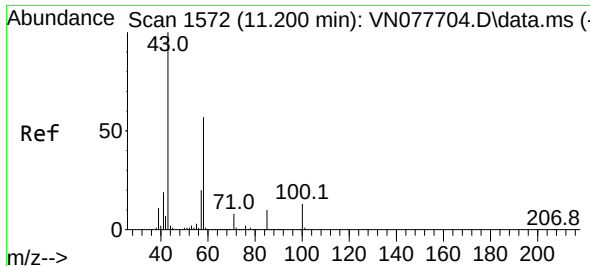
Tgt Ion: 63 Resp: 327181

Ion Ratio Lower Upper

63 100

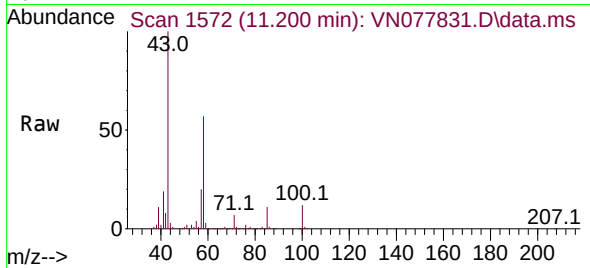
106 28.3 26.2 39.4





#59  
2-Hexanone  
Concen: 96.656 ug/l  
RT: 11.200 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

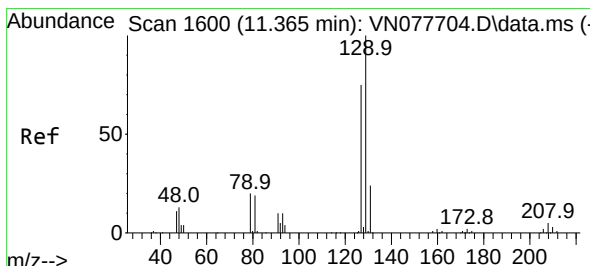
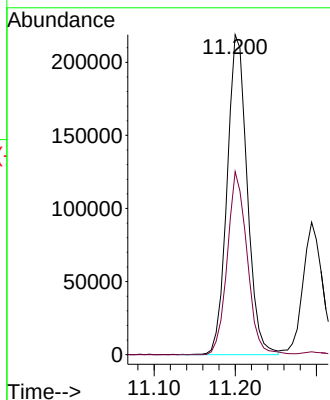
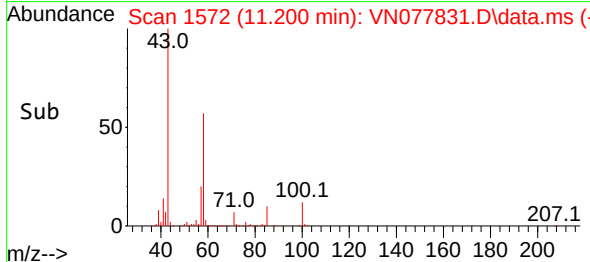
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion: 43 Resp: 37566  
Ion Ratio Lower Upper  
43 100  
58 56.6 31.7 95.1

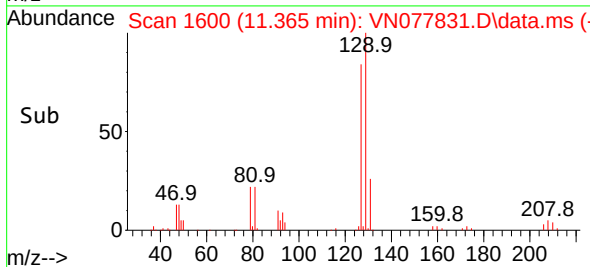
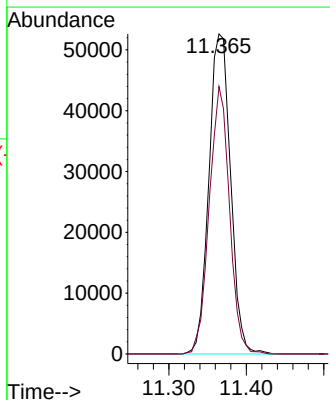
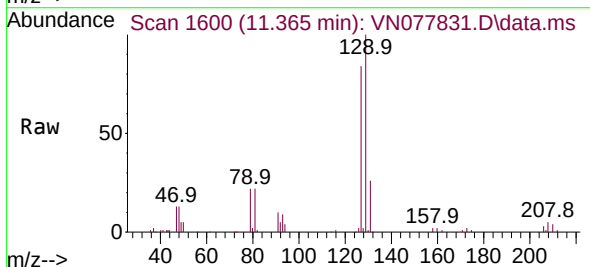
Manual Integrations  
APPROVED

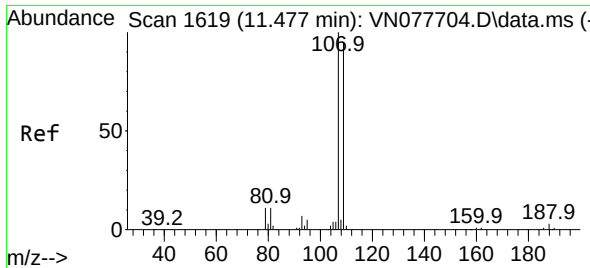
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#60  
Dibromochloromethane  
Concen: 22.363 ug/l  
RT: 11.365 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

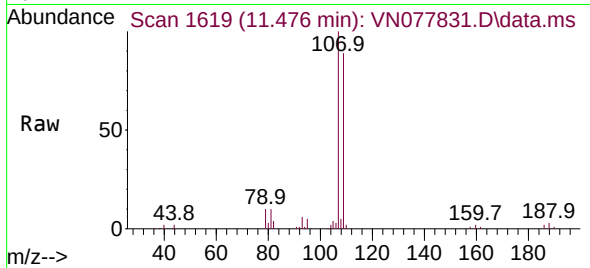
Tgt Ion:129 Resp: 102253  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 21.895 ug/l  
RT: 11.476 min Scan# 1619  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

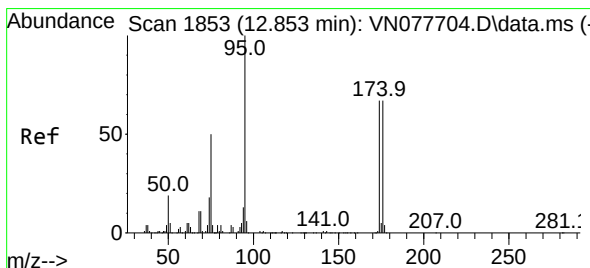
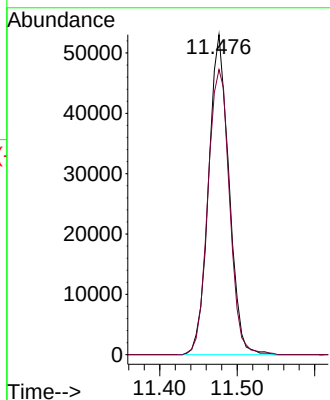
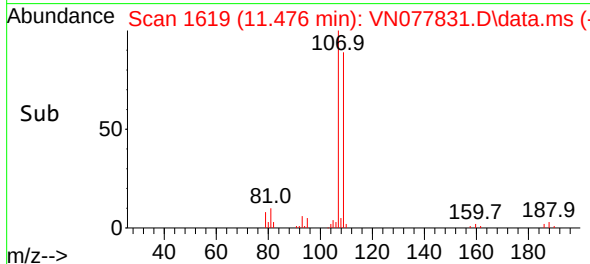
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



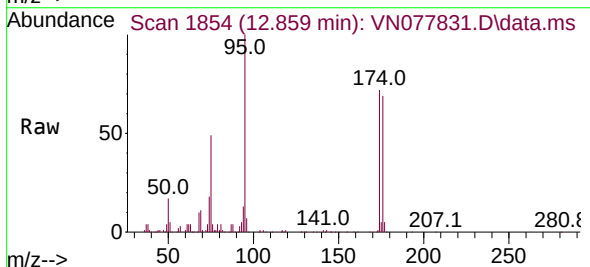
Tgt Ion:107 Resp: 96748  
Ion Ratio Lower Upper  
107 100  
109 95.3 76.6 114.8

Manual Integrations  
APPROVED

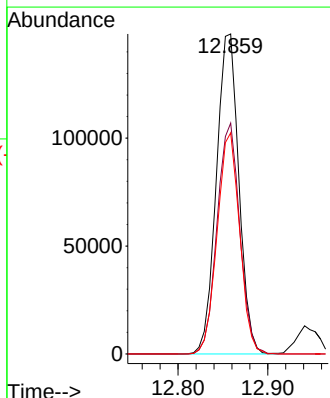
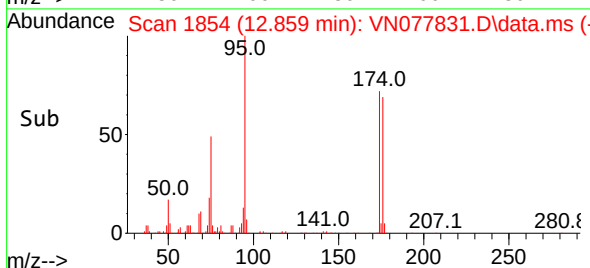
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

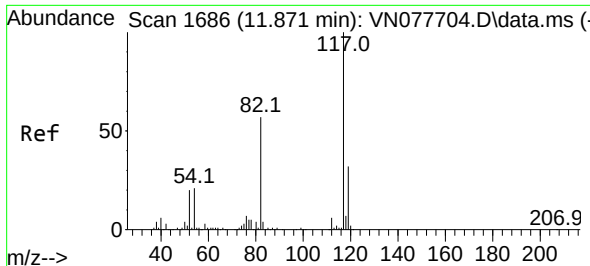


#62  
4-Bromofluorobenzene  
Concen: 45.780 ug/l  
RT: 12.859 min Scan# 1854  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



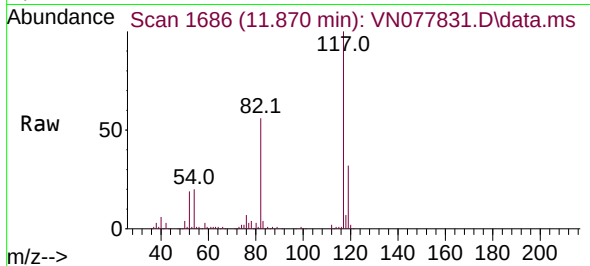
Tgt Ion: 95 Resp: 258355  
Ion Ratio Lower Upper  
95 100  
174 72.7 0.0 143.8  
176 68.9 0.0 135.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.870 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

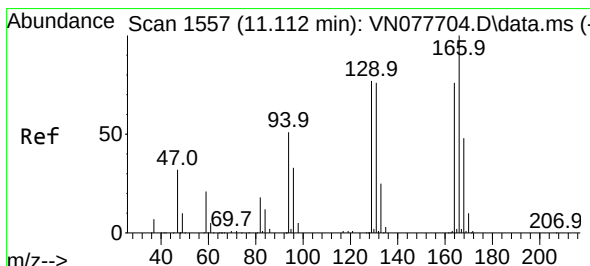
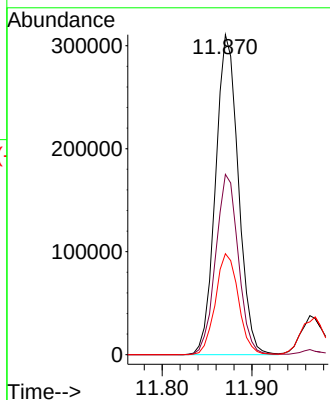
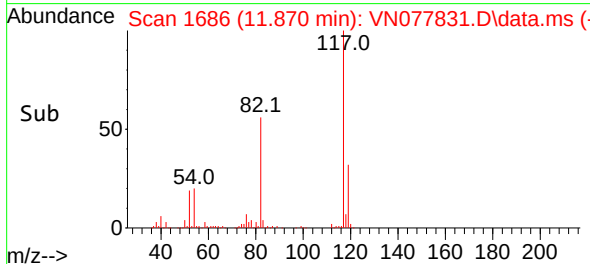
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion:117 Resp: 548609  
Ion Ratio Lower Upper  
117 100  
82 56.3 44.0 66.0  
119 31.5 25.6 38.4

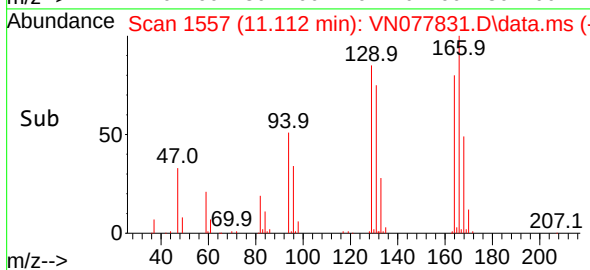
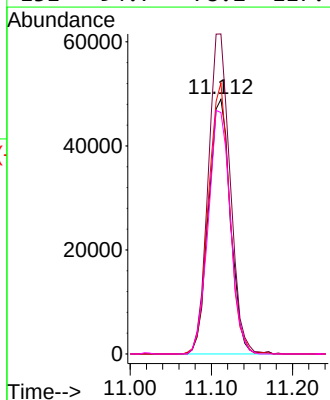
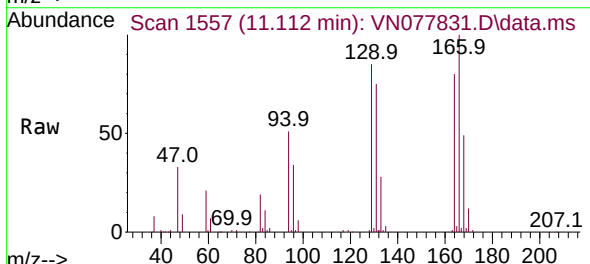
Manual Integrations  
APPROVED

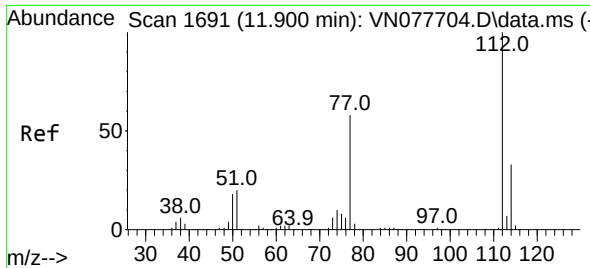
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#64  
Tetrachloroethene  
Concen: 23.941 ug/l  
RT: 11.112 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

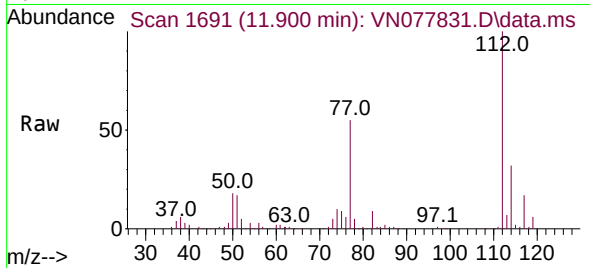
Tgt Ion:164 Resp: 91852  
Ion Ratio Lower Upper  
164 100  
166 125.6 101.4 152.0  
129 106.3 82.4 123.6  
131 94.7 78.2 117.4





#65  
Chlorobenzene  
Concen: 21.942 ug/l  
RT: 11.900 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

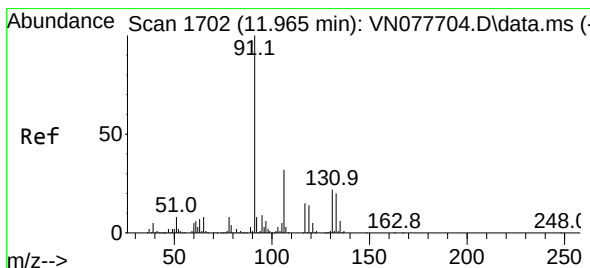
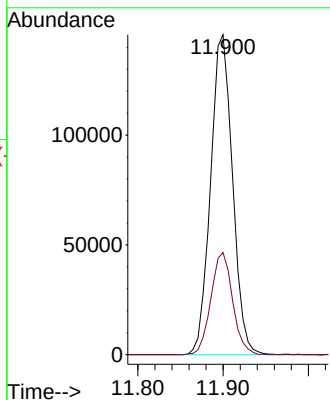
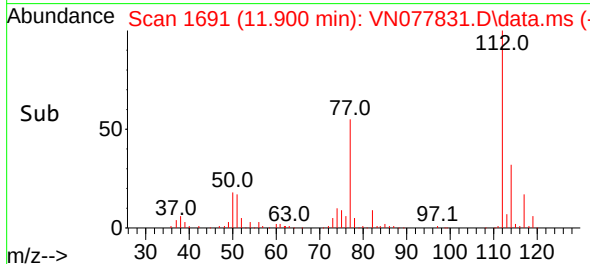
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion:112 Resp: 260950  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.0 37.4

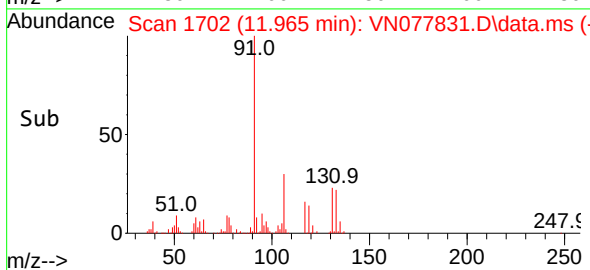
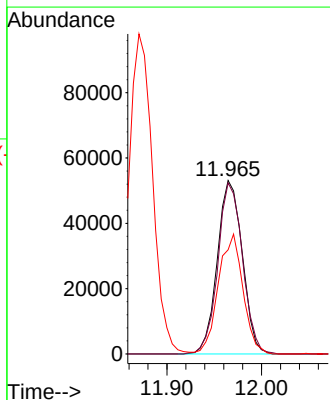
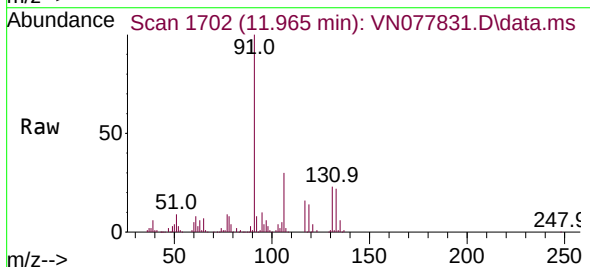
Manual Integrations  
APPROVED

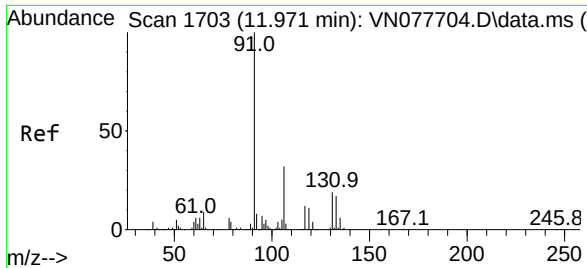
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 23.689 ug/l  
RT: 11.965 min Scan# 1702  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion:131 Resp: 97485  
Ion Ratio Lower Upper  
131 100  
133 97.5 46.4 139.1  
119 67.8 34.1 102.2





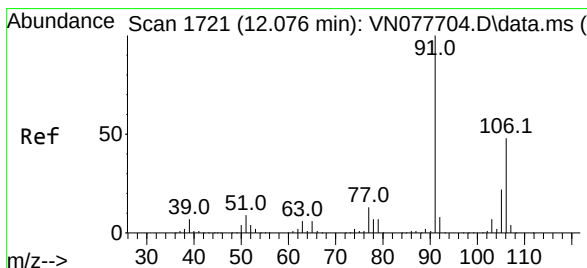
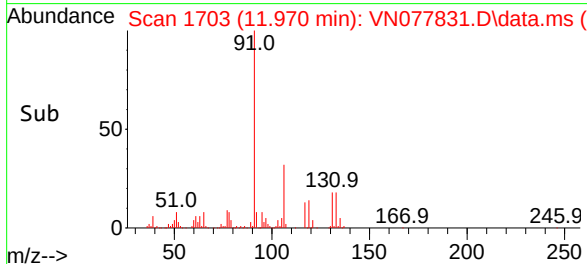
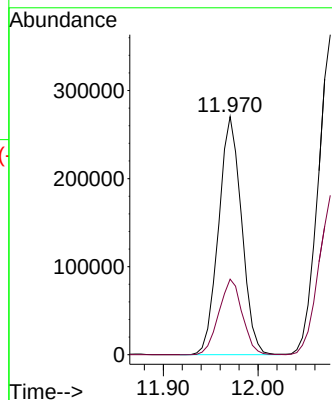
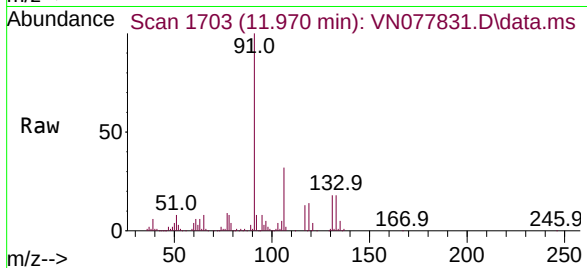
#67  
Ethyl Benzene  
Concen: 21.443 ug/l  
RT: 11.970 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 91 Resp: 45701  
Ion Ratio Lower Upper  
91 100  
106 31.7 25.6 38.4

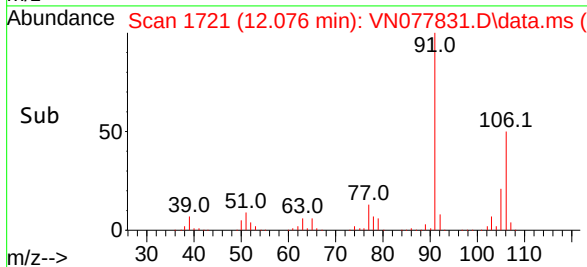
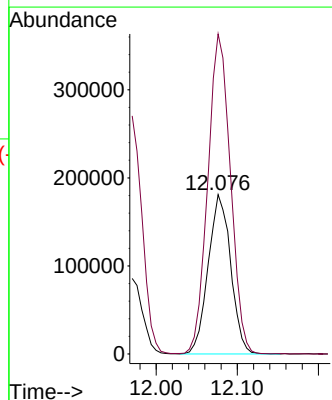
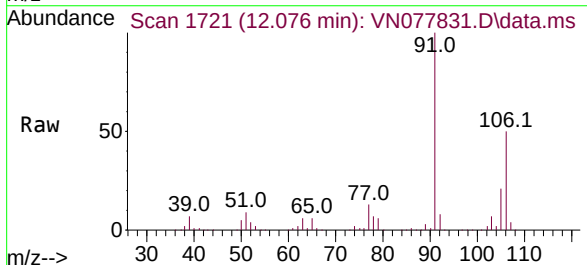
Manual Integrations  
APPROVED

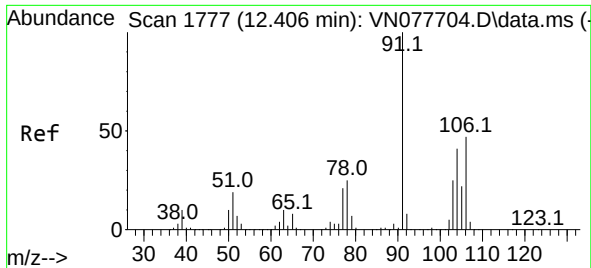
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#68  
m/p-Xylenes  
Concen: 43.189 ug/l  
RT: 12.076 min Scan# 1721  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

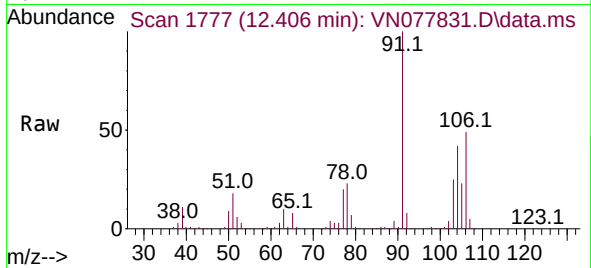
Tgt Ion:106 Resp: 348781  
Ion Ratio Lower Upper  
106 100  
91 201.7 159.6 239.4





#69  
o-Xylene  
Concen: 22.045 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

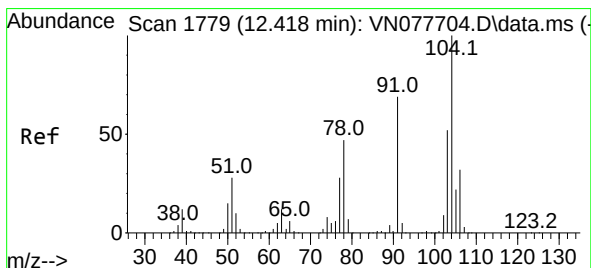
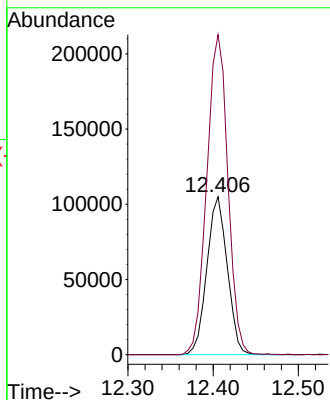
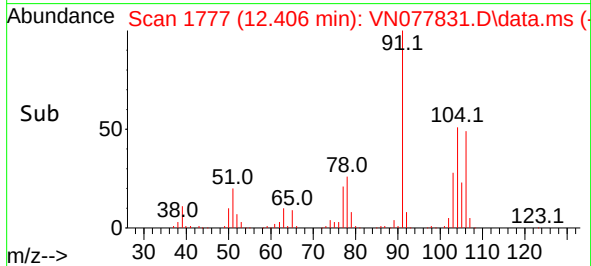
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion:106 Resp: 175079  
Ion Ratio Lower Upper  
106 100  
91 209.5 105.2 315.5

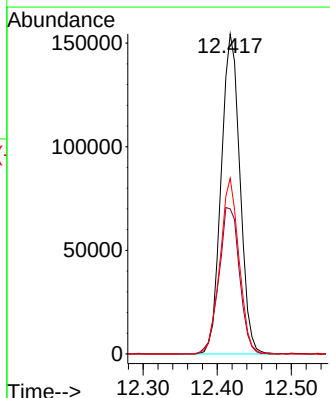
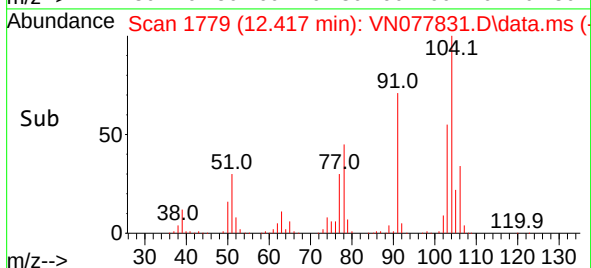
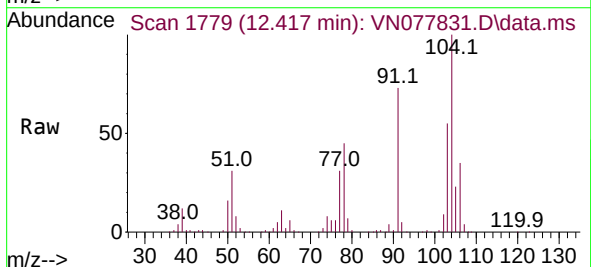
Manual Integrations  
APPROVED

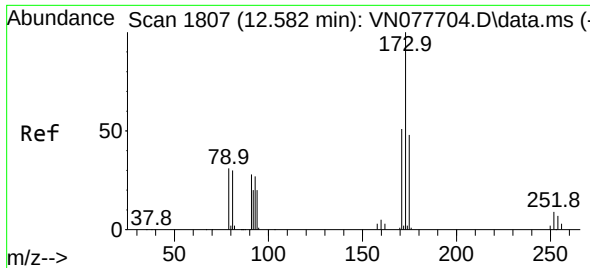
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#70  
Styrene  
Concen: 21.524 ug/l  
RT: 12.417 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

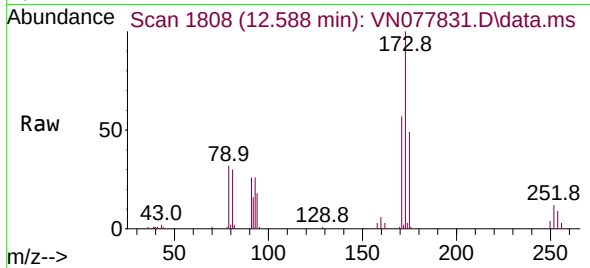
Tgt Ion:104 Resp: 271555  
Ion Ratio Lower Upper  
104 100  
78 50.2 39.5 59.3  
103 55.8 43.2 64.8





#71  
Bromoform  
Concen: 23.034 ug/l  
RT: 12.588 min Scan# 1807  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

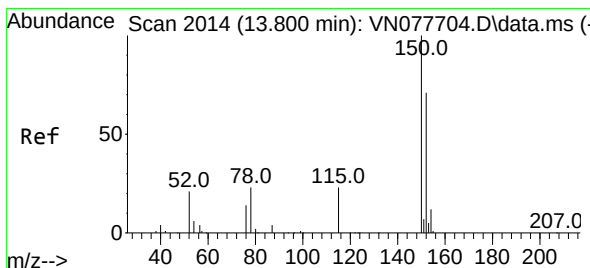
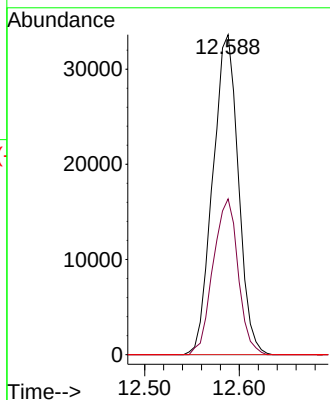
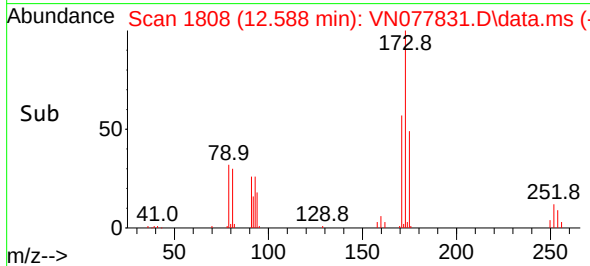
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



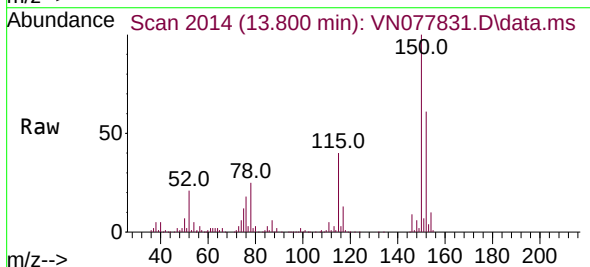
Tgt Ion:173 Resp: 6305  
Ion Ratio Lower Upper  
173 100  
175 47.7 24.3 73.0  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

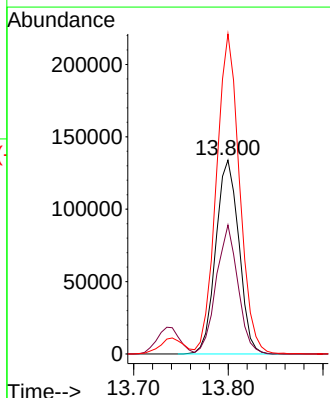
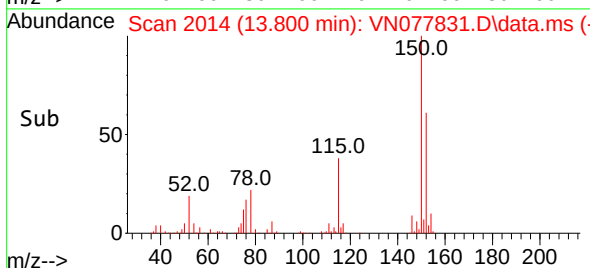
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



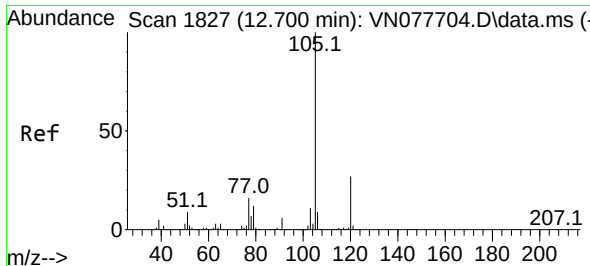
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.800 min Scan# 2014  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



Tgt Ion:152 Resp: 226737  
Ion Ratio Lower Upper  
152 100  
115 62.9 32.3 96.8  
150 165.9 0.0 355.8

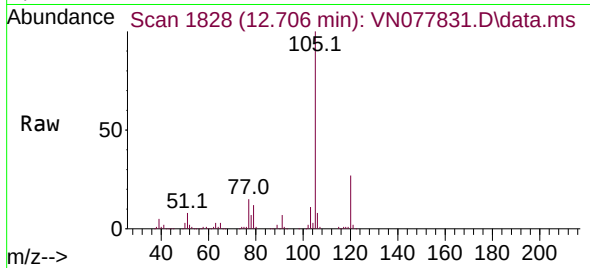






#73  
Isopropylbenzene  
Concen: 23.227 ug/l  
RT: 12.706 min Scan# 1828  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

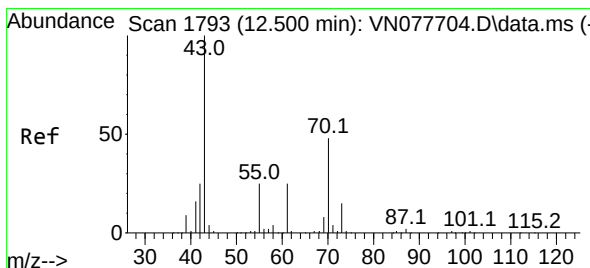
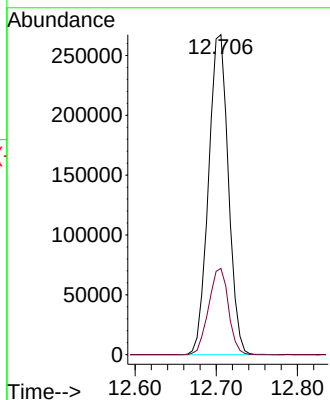
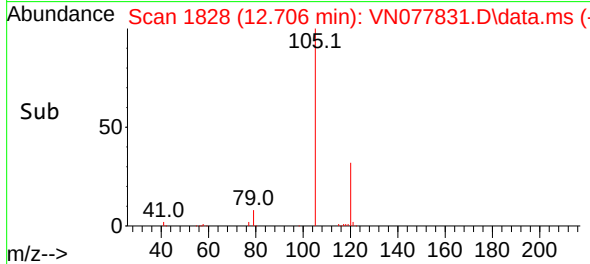
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



Tgt Ion:105 Resp: 453964  
Ion Ratio Lower Upper  
105 100  
120 27.0 13.1 39.1

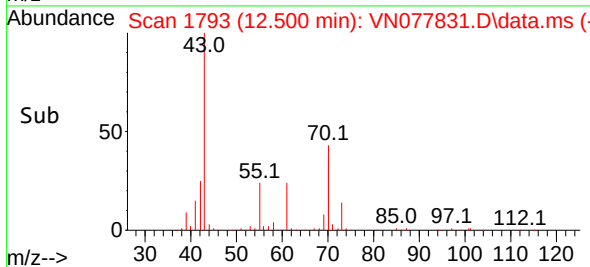
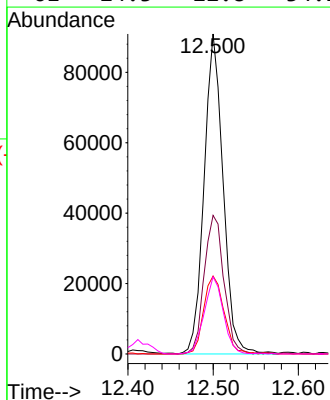
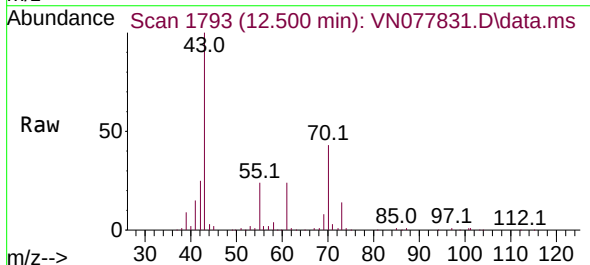
Manual Integrations  
APPROVED

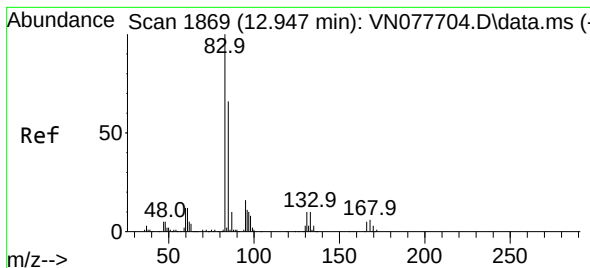
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#74  
N-ethyl acetate  
Concen: 19.547 ug/l  
RT: 12.500 min Scan# 1793  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

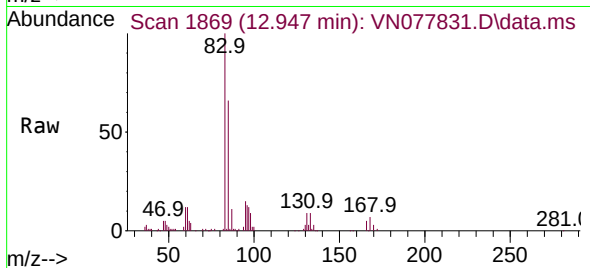
Tgt Ion: 43 Resp: 141215  
Ion Ratio Lower Upper  
43 100  
70 44.9 43.4 65.2  
55 26.0 21.4 32.0  
61 24.3 22.8 34.2





#75  
1,1,2,2-Tetrachloroethane  
Concen: 22.365 ug/l  
RT: 12.947 min Scan# 1869  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

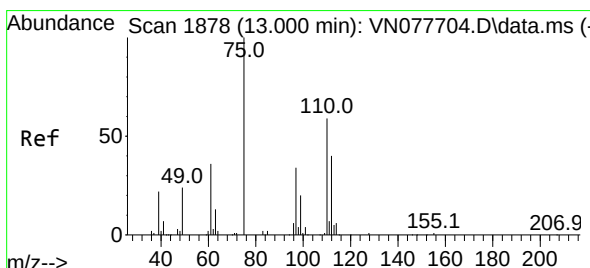
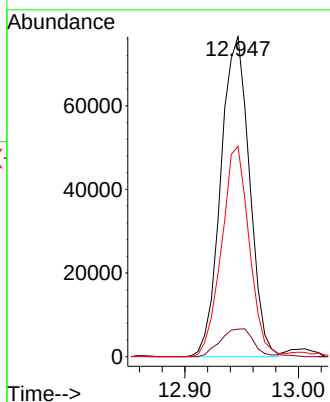
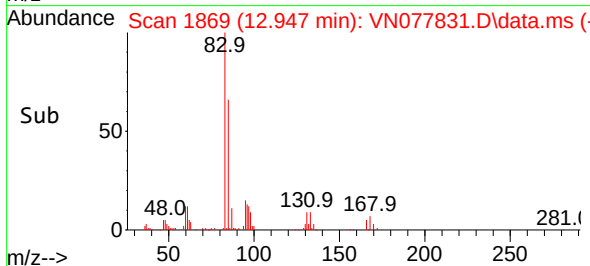
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



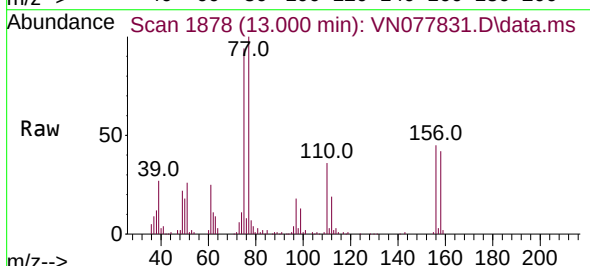
Tgt Ion: 83 Resp: 13447  
Ion Ratio Lower Upper  
83 100  
131 10.3 5.0 15.0  
85 63.4 31.9 95.7

Manual Integrations  
APPROVED

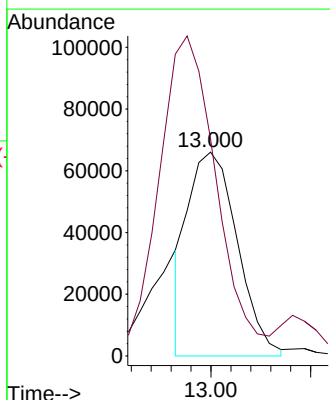
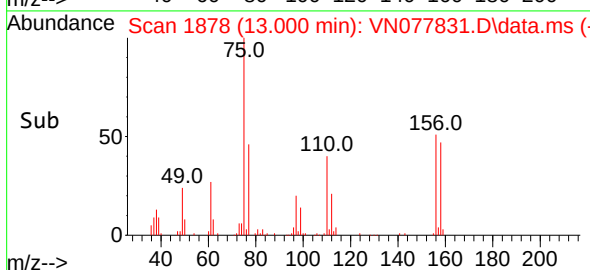
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

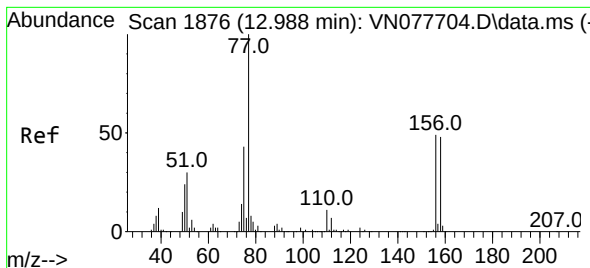


#76  
1,2,3-Trichloropropane  
Concen: 19.909 ug/l m  
RT: 13.000 min Scan# 1878  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



Tgt Ion: 75 Resp: 113048  
Ion Ratio Lower Upper  
75 100  
77 184.9 84.5 253.5





#77

Bromobenzene

Concen: 22.648 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

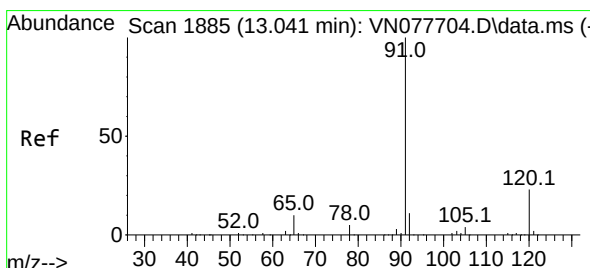
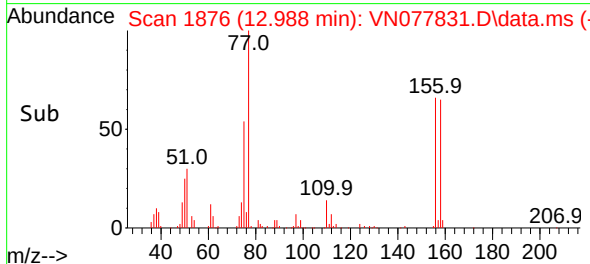
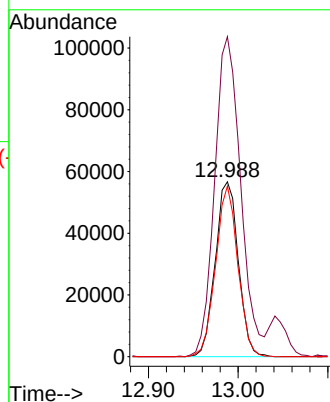
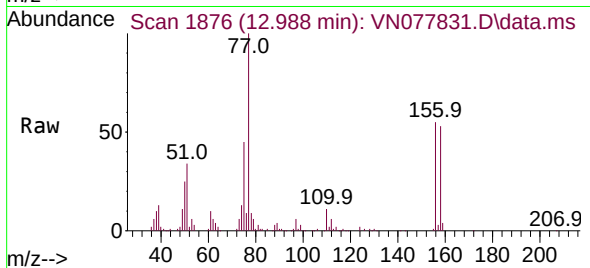
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 101018 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 206.9 | 107.7 | 323.3  |
| 158       | 94.0  | 48.4  | 145.3  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#78

n-propylbenzene

Concen: 22.265 ug/l

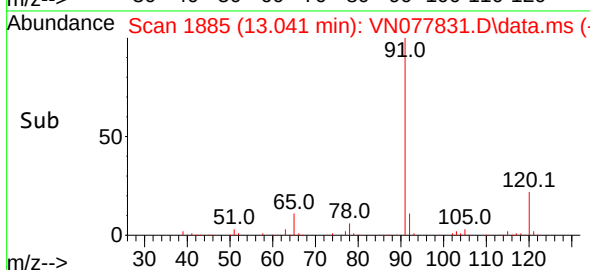
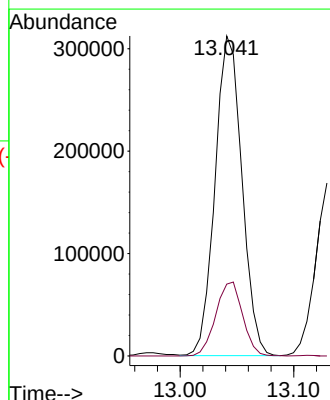
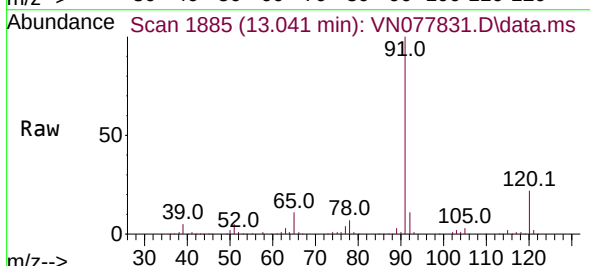
RT: 13.041 min Scan# 1885

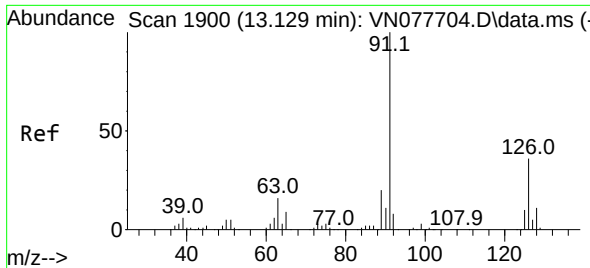
Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 513022 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.1  | 11.5  | 34.4   |





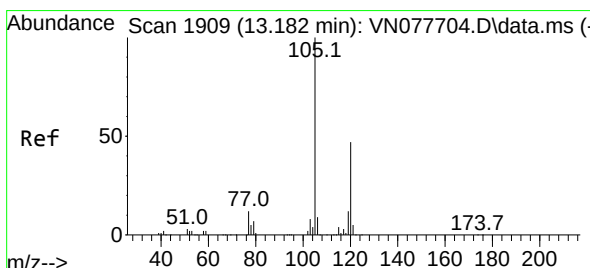
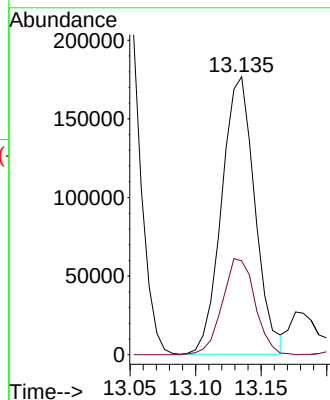
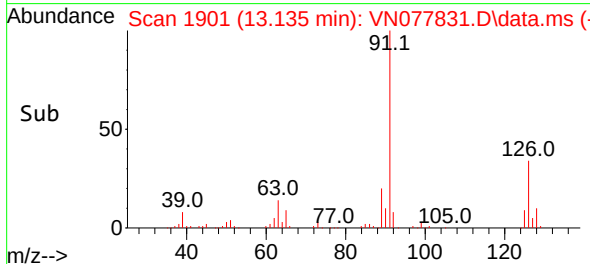
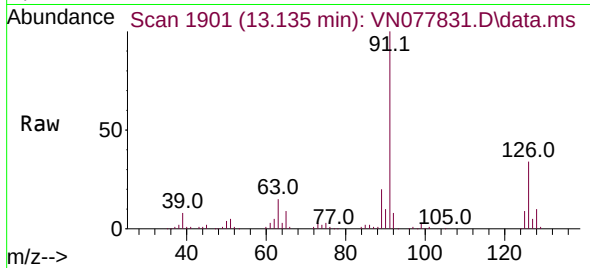
#79  
2-Chlorotoluene  
Concen: 22.642 ug/l  
RT: 13.135 min Scan# 1901  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 91 Resp: 31131  
Ion Ratio Lower Upper  
91 100  
126 34.0 16.3 48.8

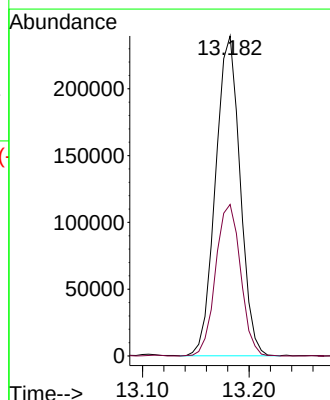
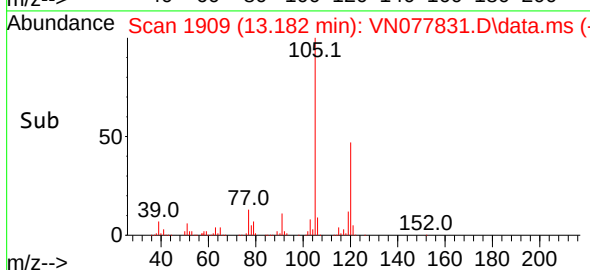
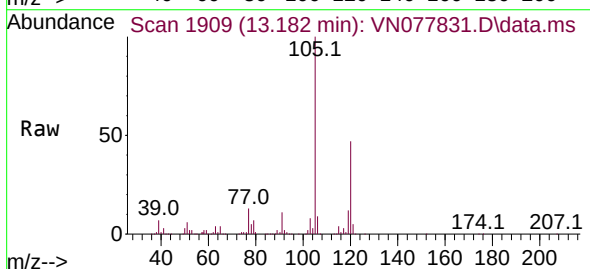
Manual Integrations  
APPROVED

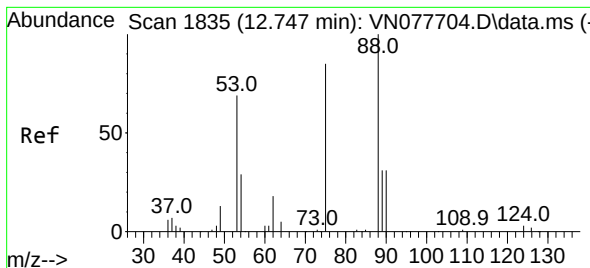
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 23.297 ug/l  
RT: 13.182 min Scan# 1909  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion:105 Resp: 382689  
Ion Ratio Lower Upper  
105 100  
120 48.2 24.1 72.3





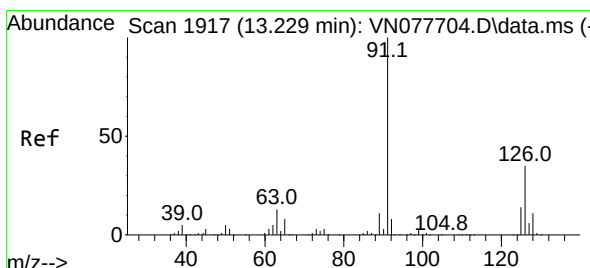
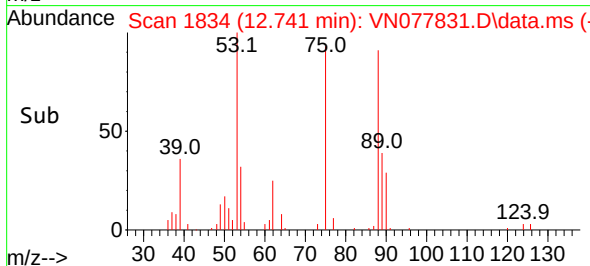
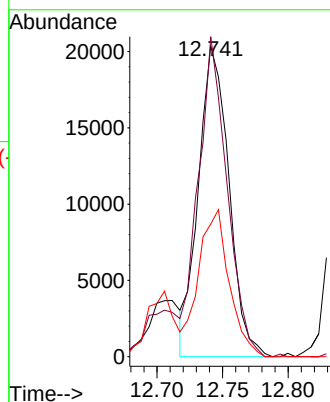
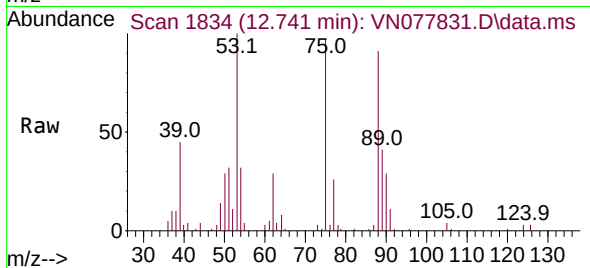
#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.540 ug/l  
RT: 12.741 min Scan# 1834  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion: 75 Resp: 32934  
Ion Ratio Lower Upper  
75 100  
53 114.1 67.4 101.2  
89 47.8 38.8 58.2

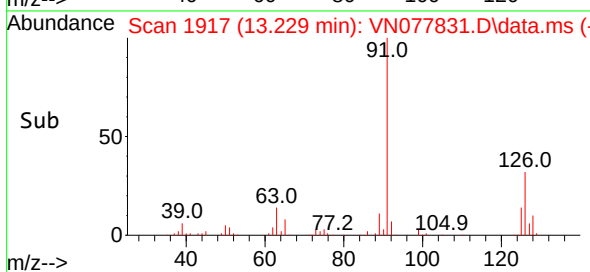
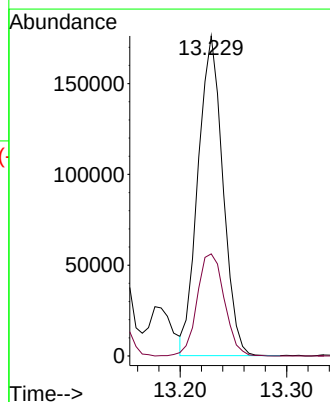
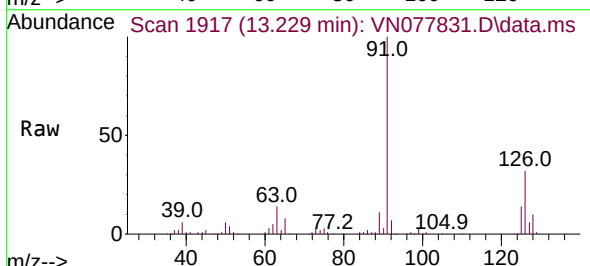
Manual Integrations  
APPROVED

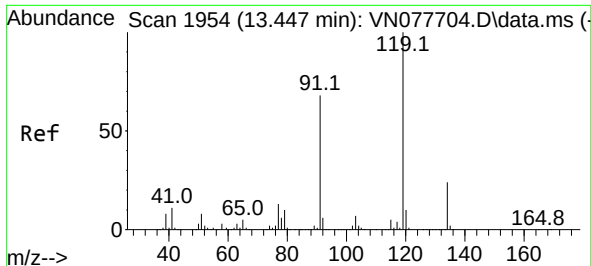
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#82  
4-Chlorotoluene  
Concen: 20.874 ug/l  
RT: 13.229 min Scan# 1917  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion: 91 Resp: 285559  
Ion Ratio Lower Upper  
91 100  
126 34.8 16.7 50.0





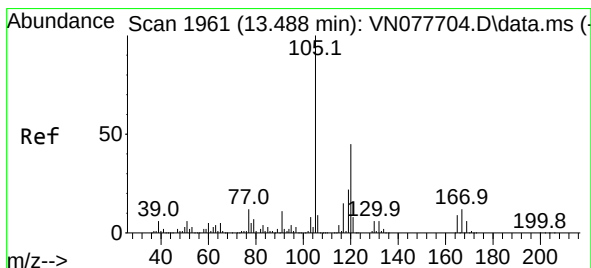
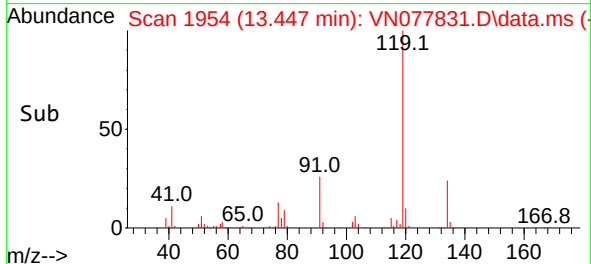
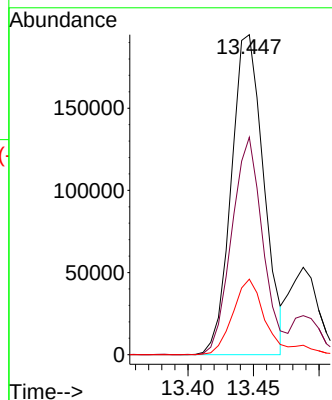
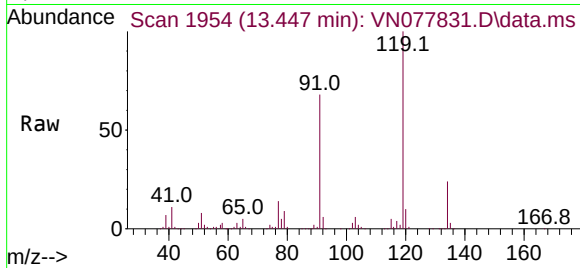
#83  
tert-Butylbenzene  
Concen: 23.337 ug/l  
RT: 13.447 min Scan# 1954  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02

Tgt Ion:119 Resp: 33466  
Ion Ratio Lower Upper  
119 100  
91 65.9 33.9 101.7  
134 24.8 13.2 39.6

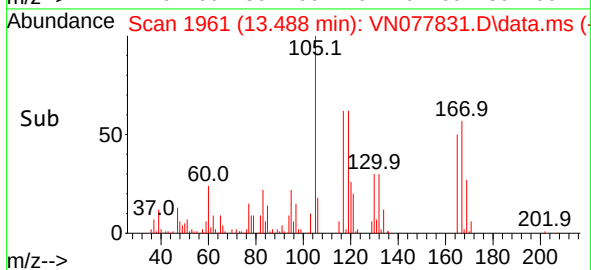
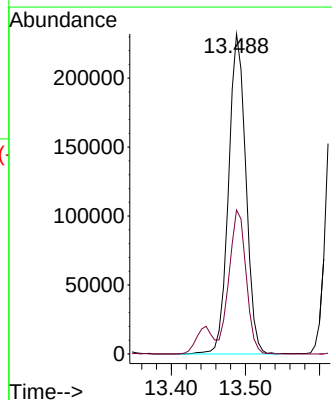
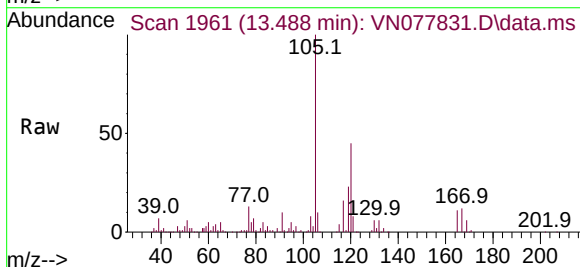
Manual Integrations  
APPROVED

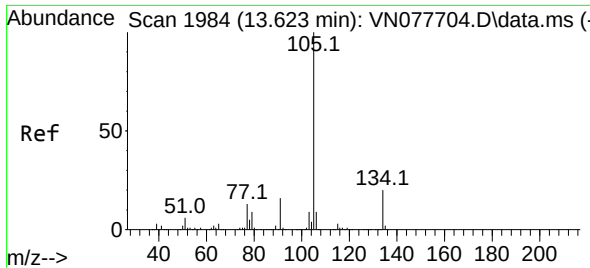
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023



#84  
1,2,4-Trimethylbenzene  
Concen: 23.255 ug/l  
RT: 13.488 min Scan# 1961  
Delta R.T. -0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

Tgt Ion:105 Resp: 375686  
Ion Ratio Lower Upper  
105 100  
120 44.8 22.0 66.0





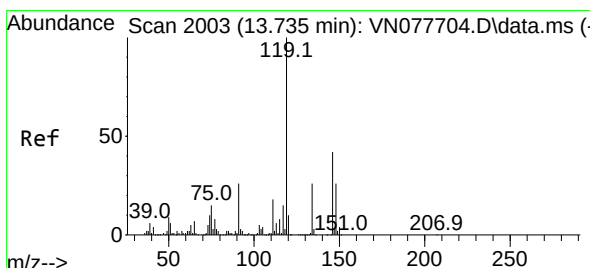
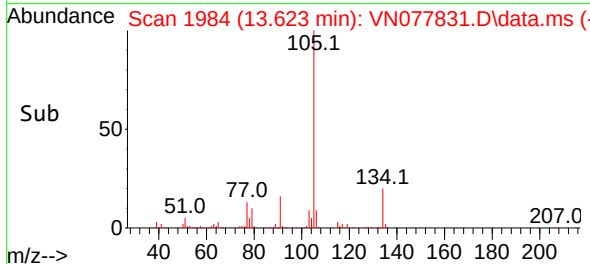
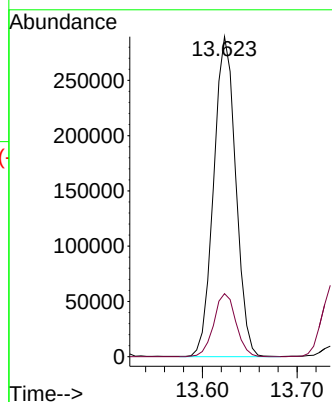
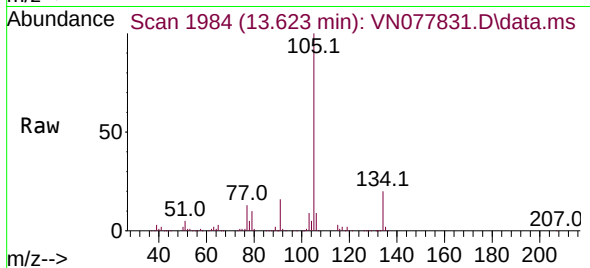
#85  
 sec-Butylbenzene  
 Concen: 23.019 ug/l  
 RT: 13.623 min Scan# 1984  
 Delta R.T. 0.000 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0523WBS02

Tgt Ion:105 Resp: 469127  
 Ion Ratio Lower Upper  
 105 100  
 134 19.8 9.8 29.3

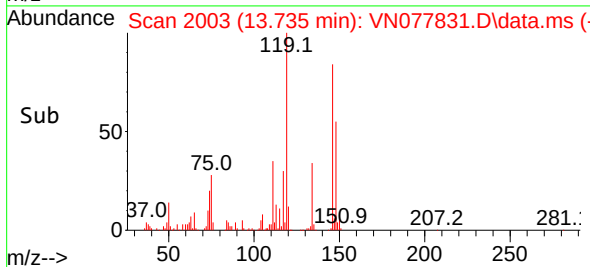
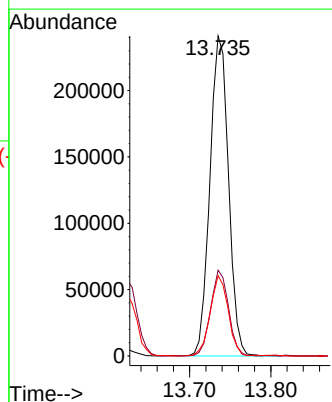
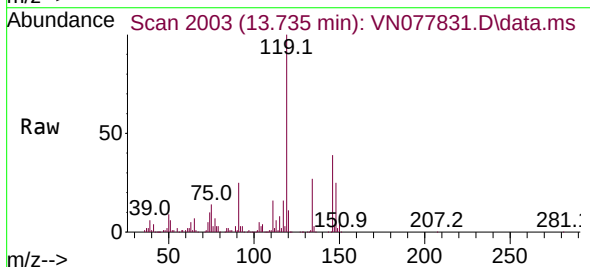
Manual Integrations  
 APPROVED

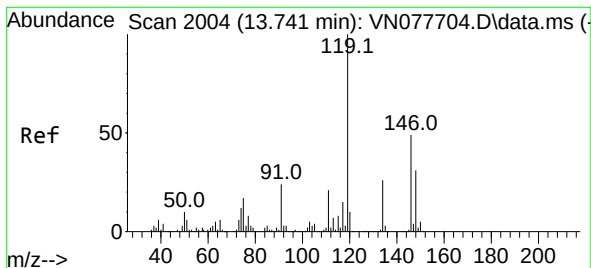
Reviewed By :John Carlone 05/25/2023  
 Supervised By :Mahesh Dadoda 05/25/2023



#86  
 p-Isopropyltoluene  
 Concen: 23.608 ug/l  
 RT: 13.735 min Scan# 2003  
 Delta R.T. 0.000 min  
 Lab File: VN077831.D  
 Acq: 24 May 2023 01:25

Tgt Ion:119 Resp: 383568  
 Ion Ratio Lower Upper  
 119 100  
 134 25.8 12.6 37.8  
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 21.512 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

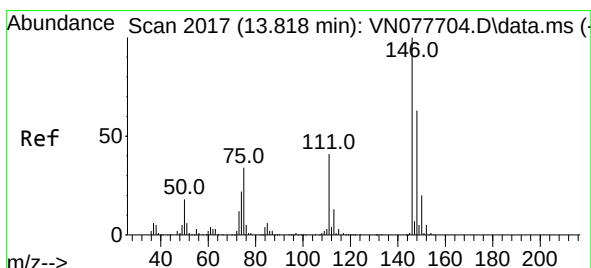
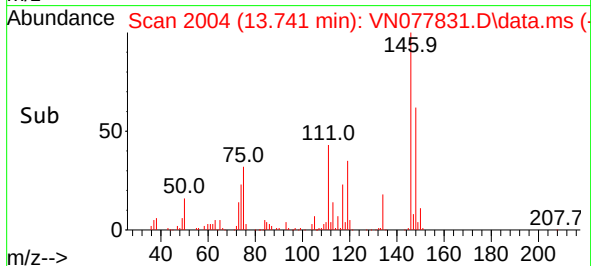
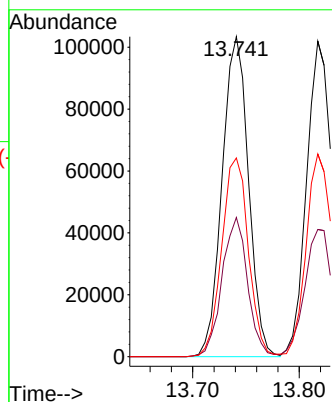
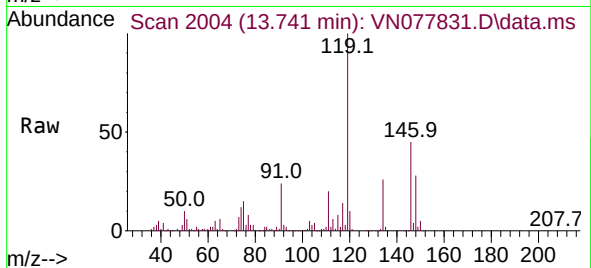
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 17744 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 42.3  | 22.1  | 66.3  |
| 148       | 62.7  | 32.0  | 96.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#88

1,4-Dichlorobenzene

Concen: 20.796 ug/l

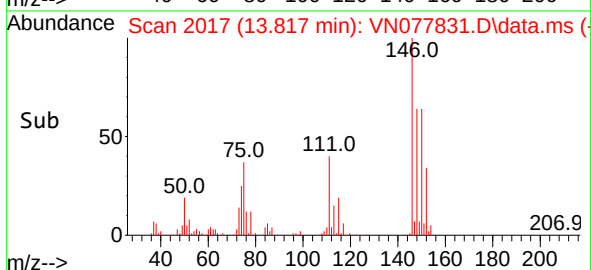
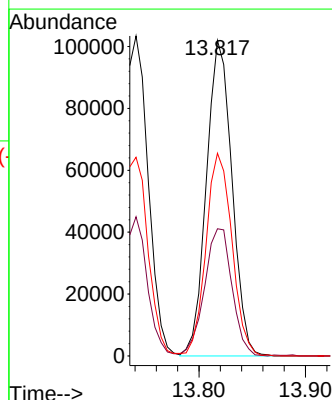
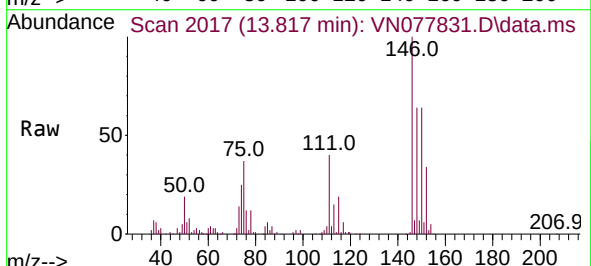
RT: 13.817 min Scan# 2017

Delta R.T. 0.000 min

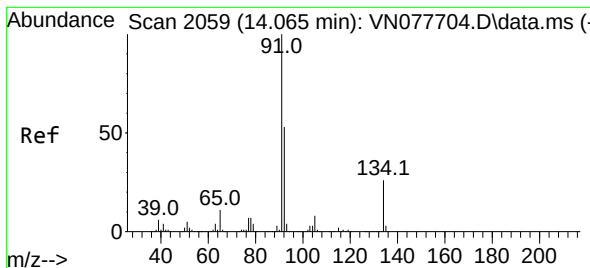
Lab File: VN077831.D

Acq: 24 May 2023 01:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 170218 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 43.3  | 20.6  | 61.8   |
| 148       | 65.6  | 31.6  | 94.8   |







#89

n-Butylbenzene

Concen: 20.773 ug/l

RT: 14.064 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

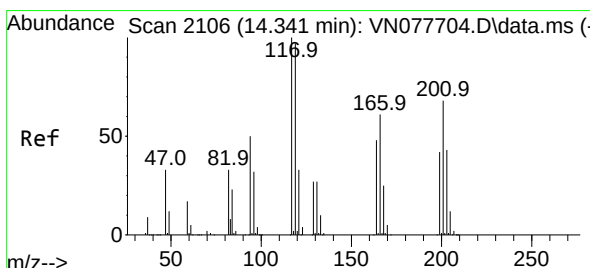
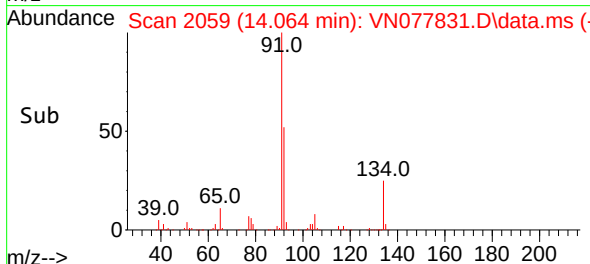
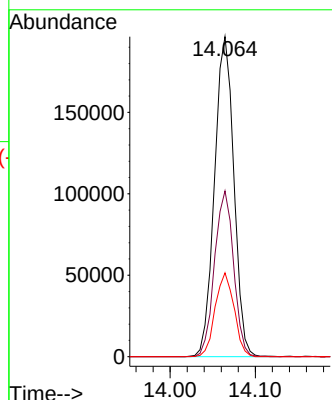
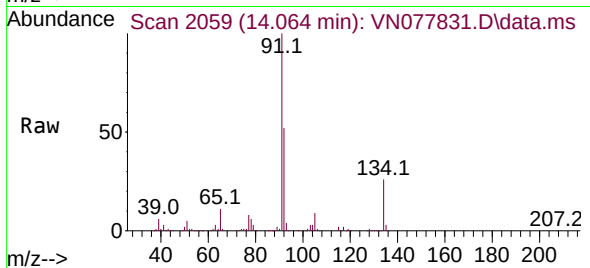
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 31043 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 92        | 51.1  | 26.4  | 79.0  |
| 134       | 25.6  | 12.6  | 37.6  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#90

Hexachloroethane

Concen: 23.824 ug/l

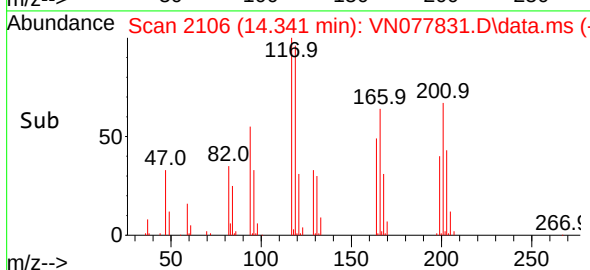
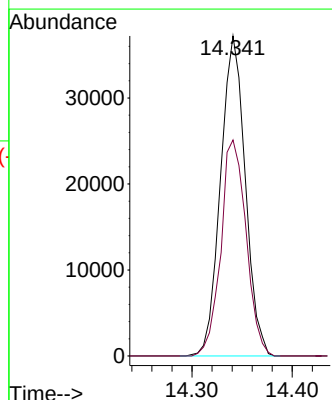
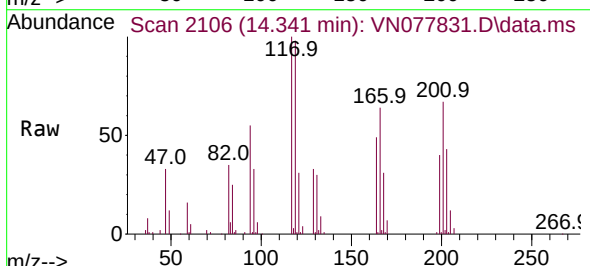
RT: 14.341 min Scan# 2106

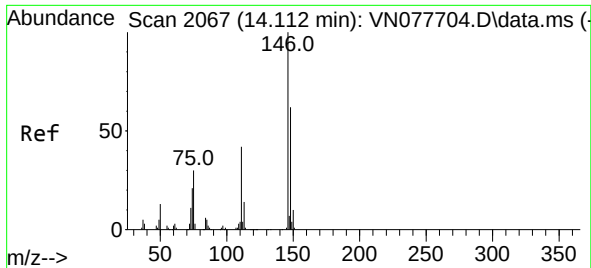
Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

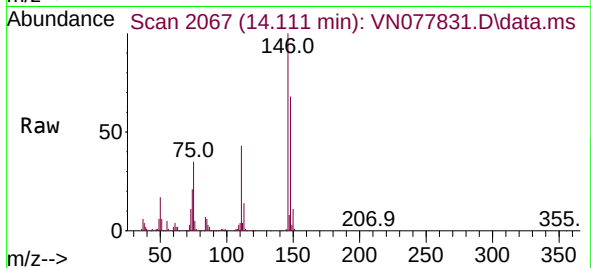
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 63589 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 68.9  | 29.3  | 88.0  |





#91  
1,2-Dichlorobenzene  
Concen: 22.531 ug/l  
RT: 14.111 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25

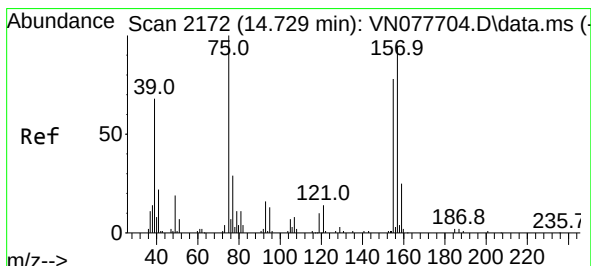
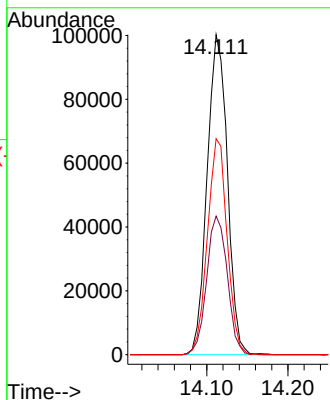
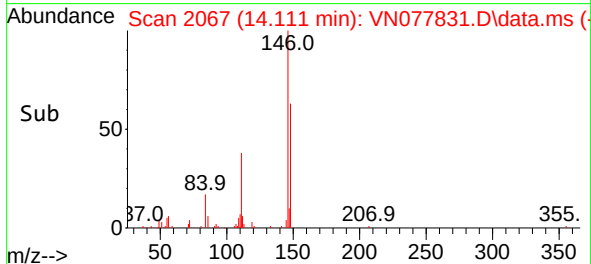
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0523WBS02



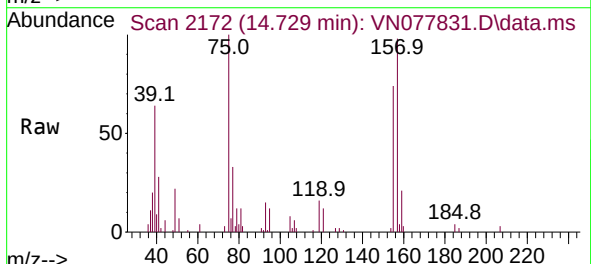
Tgt Ion:146 Resp: 173620  
Ion Ratio Lower Upper  
146 100  
111 44.2 22.0 66.0  
148 65.6 31.8 95.3

Manual Integrations  
APPROVED

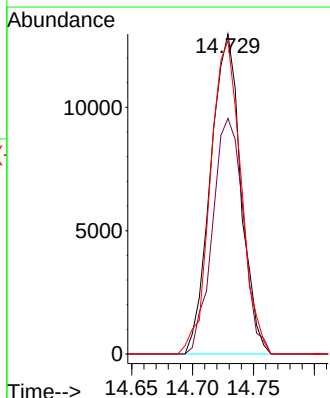
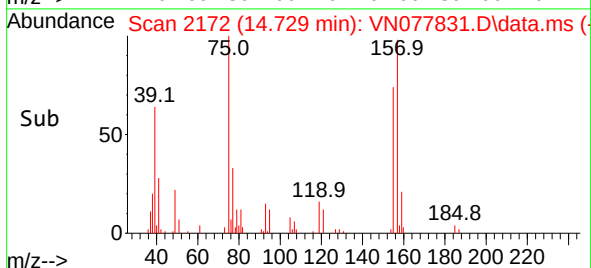
Reviewed By :John Carlone 05/25/2023  
Supervised By :Mahesh Dadoda 05/25/2023

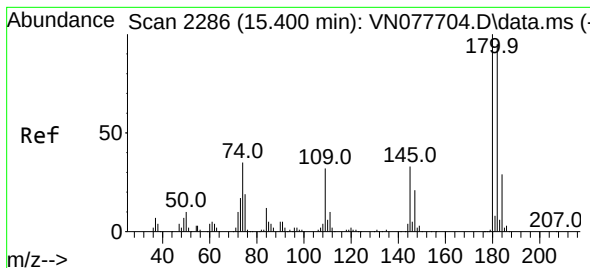


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.227 ug/l  
RT: 14.729 min Scan# 2172  
Delta R.T. 0.006 min  
Lab File: VN077831.D  
Acq: 24 May 2023 01:25



Tgt Ion: 75 Resp: 22382  
Ion Ratio Lower Upper  
75 100  
155 75.3 39.1 117.2  
157 99.1 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.151 ug/l

RT: 15.400 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

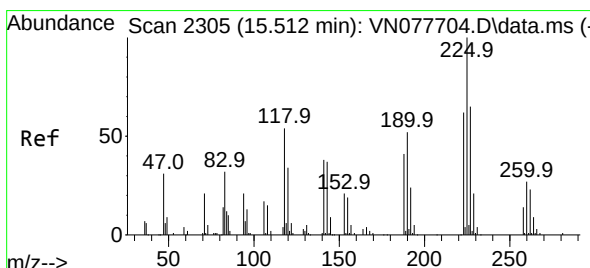
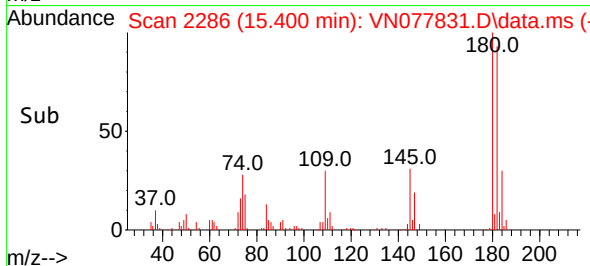
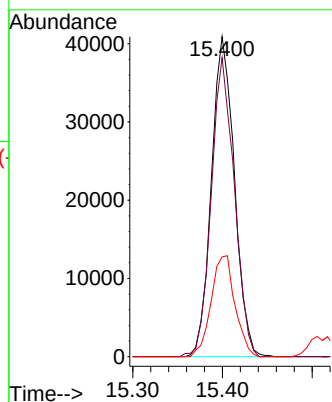
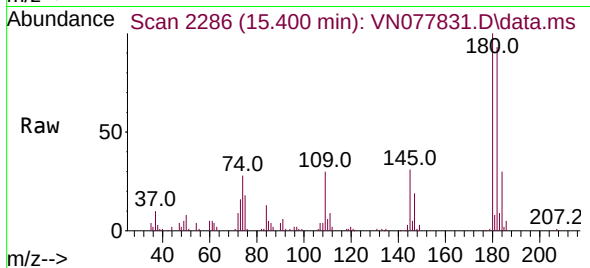
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 72729      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 93.3  | 46.1 138.2 |
| 145         | 32.8  | 16.6 49.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#94

Hexachlorobutadiene

Concen: 22.788 ug/l

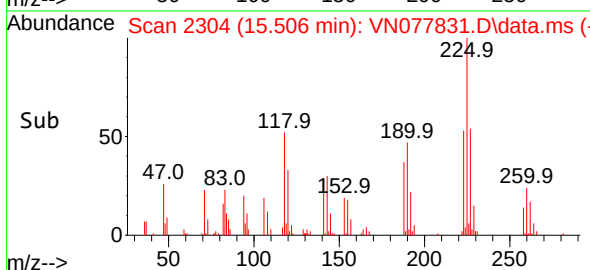
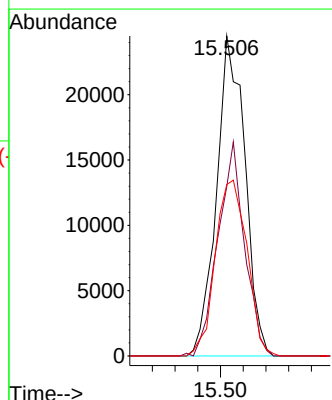
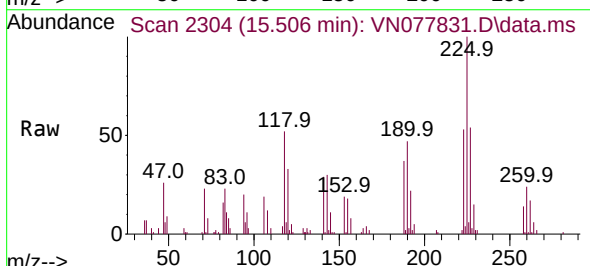
RT: 15.506 min Scan# 2304

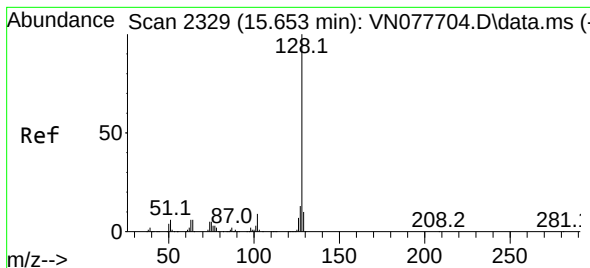
Delta R.T. -0.001 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 42606     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 62.4  | 31.3 93.8 |
| 227         | 61.4  | 31.9 95.9 |





#95

Naphthalene

Concen: 13.546 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

Instrument :

MSVOA\_N

ClientSampleId :

VN0523WBS02

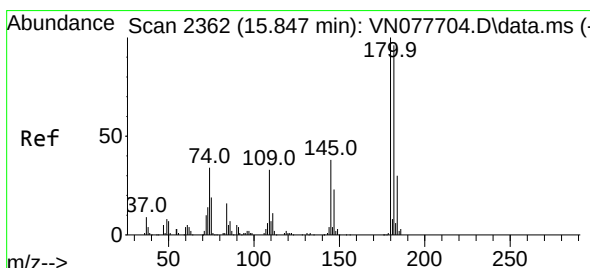
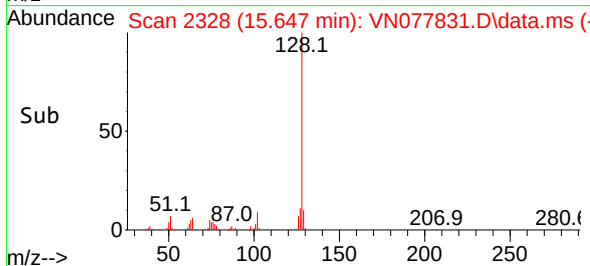
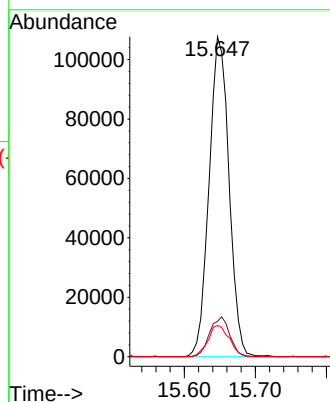
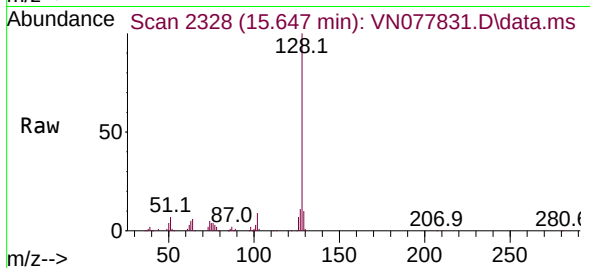
|             |             |
|-------------|-------------|
| Tgt Ion:128 | Resp: 20996 |
| Ion Ratio   | Lower Upper |
| 128 100     |             |
| 127 12.5    | 10.0 15.0   |
| 129 10.3    | 8.7 13.1    |

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2023

Supervised By :Mahesh Dadoda 05/25/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.570 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN077831.D

Acq: 24 May 2023 01:25

|             |             |
|-------------|-------------|
| Tgt Ion:180 | Resp: 77465 |
| Ion Ratio   | Lower Upper |
| 180 100     |             |
| 182 93.2    | 46.2 138.6  |
| 145 33.9    | 17.5 52.6   |

