

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011623\  
 Data File : VN076262.D  
 Acq On : 16 Jan 2023 11:18  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/17/2023  
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:27:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:09:59 2023  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.229          | 168  | 320544     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 517017     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 453787     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 202701     | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 33716      | 9.394    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 18.780%# |        |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 30456      | 9.417    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 18.840%# |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 109806     | 9.193    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 18.380%# |        |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 34536      | 8.857    | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = | 17.720%# |        |          |
| Target Compounds             |                |      |            |          |        |          |
|                              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 34452      | 10.710   | ug/l   | 96       |
| 3) Chloromethane             | 2.377          | 50   | 34904      | 10.166   | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.530          | 62   | 41852      | 9.885    | ug/l   | 99       |
| 5) Bromomethane              | 2.977          | 94   | 34241      | 10.026   | ug/l   | 99       |
| 6) Chloroethane              | 3.136          | 64   | 31040      | 10.016   | ug/l   | 92       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 56868      | 9.909    | ug/l   | 95       |
| 8) Diethyl Ether             | 3.971          | 74   | 19183      | 10.115   | ug/l   | 99       |
| 9) 1,1,2-Trichlorotrifluo... | 4.394          | 101  | 34066      | 10.620   | ug/l   | 97       |
| 10) Methyl Iodide            | 4.600          | 142  | 49618      | 10.001   | ug/l   | 99       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 24141      | 50.287   | ug/l   | 98       |
| 12) 1,1-Dichloroethene       | 4.359          | 96   | 30697      | 10.300   | ug/l   | 98       |
| 13) Acrolein                 | 4.194          | 56   | 27631      | 48.128   | ug/l   | 98       |
| 14) Allyl chloride           | 5.041          | 41   | 37303      | 10.671   | ug/l   | 90       |
| 15) Acrylonitrile            | 5.736          | 53   | 67502      | 48.900   | ug/l   | 97       |
| 16) Acetone                  | 4.447          | 43   | 59437      | 50.088   | ug/l   | 97       |
| 17) Carbon Disulfide         | 4.724          | 76   | 75610      | 10.080   | ug/l   | 97       |
| 18) Methyl Acetate           | 5.041          | 43   | 38840      | 10.024   | ug/l   | 99       |
| 19) Methyl tert-butyl Ether  | 5.812          | 73   | 98404      | 9.920    | ug/l   | 96       |
| 20) Methylene Chloride       | 5.294          | 84   | 35269      | 9.876    | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 5.806          | 96   | 32099      | 9.742    | ug/l   | 98       |
| 22) Diisopropyl ether        | 6.683          | 45   | 85802      | 10.074   | ug/l   | 97       |
| 23) Vinyl Acetate            | 6.618          | 43   | 264462     | 48.907   | ug/l   | 99       |
| 24) 1,1-Dichloroethane       | 6.583          | 63   | 57517      | 10.065   | ug/l   | 99       |
| 25) 2-Butanone               | 7.494          | 43   | 88191      | 51.059   | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.494          | 77   | 46879      | 9.608    | ug/l   | 99       |
| 27) cis-1,2-Dichloroethene   | 7.500          | 96   | 37916      | 9.763    | ug/l   | 99       |
| 28) Bromochloromethane       | 7.818          | 49   | 21348      | 9.258    | ug/l   | 99       |
| 29) Tetrahydrofuran          | 7.841          | 42   | 55875      | 51.498   | ug/l   | 98       |
| 30) Chloroform               | 7.971          | 83   | 62299      | 9.800    | ug/l   | 98       |
| 31) Cyclohexane              | 8.265          | 56   | 56096      | 10.174   | ug/l   | 99       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 56305      | 9.941    | ug/l   | 93       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 44575      | 9.722    | ug/l   | 98       |
| 37) Ethyl Acetate            | 7.565          | 43   | 33601      | 9.234    | ug/l # | 92       |
| 38) Carbon Tetrachloride     | 8.365          | 117  | 50624      | 9.912    | ug/l   | 97       |
| 39) Methylcyclohexane        | 9.606          | 83   | 54271      | 9.785    | ug/l   | 99       |
| 40) Benzene                  | 8.612          | 78   | 136726     | 10.014   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011623\  
 Data File : VN076262.D  
 Acq On : 16 Jan 2023 11:18  
 Operator : JC\MD  
 Sample : VSTDICC010  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC010

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 01/17/2023  
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:27:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 17 03:09:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.782  | 41   | 20080    | 10.711  | ug/l   | 98       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 46352    | 9.879   | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.694  | 43   | 58576    | 7.427   | ug/l   | 97       |
| 44) Trichloroethene           | 9.353  | 130  | 38467    | 10.031  | ug/l   | 97       |
| 45) 1,2-Dichloropropane       | 9.623  | 63   | 32522    | 9.929   | ug/l   | 92       |
| 46) Dibromomethane            | 9.712  | 93   | 24351    | 9.915   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.888  | 83   | 47459    | 9.985   | ug/l   | 94       |
| 48) Methyl methacrylate       | 9.682  | 41   | 26795    | 9.851   | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 11604    | 197.159 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 176417   | 50.473  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 92447    | 10.255  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 44067    | 9.714   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 52278    | 10.133  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 34782    | 10.151  | ug/l   | 93       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 42444    | 9.481   | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 56103    | 10.139  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.165 | 63   | 72411    | 48.184  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 124902   | 49.680  | ug/l   | 98       |
| 60) Dibromochloromethane      | 11.359 | 129  | 36578    | 9.758   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.470 | 107  | 35181    | 10.138  | ug/l   | 98       |
| 64) Tetrachloroethene         | 11.106 | 164  | 41762    | 10.419  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.894 | 112  | 95693    | 10.069  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 35576    | 10.065  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 165217   | 10.111  | ug/l   | 96       |
| 68) m/p-Xylenes               | 12.070 | 106  | 131940   | 20.442  | ug/l   | 99       |
| 69) o-Xylene                  | 12.400 | 106  | 64085    | 10.127  | ug/l   | 98       |
| 70) Styrene                   | 12.412 | 104  | 99564    | 9.940   | ug/l   | 99       |
| 71) Bromoform                 | 12.576 | 173  | 24549    | 9.585   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.700 | 105  | 163800   | 10.592  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 45088    | 10.336  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 43747    | 9.625   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 34391m   | 8.245   | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 40112    | 10.397  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.035 | 91   | 178798   | 10.459  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 109634   | 10.296  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 137585   | 10.572  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 11062    | 9.080   | ug/l   | 90       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 109634   | 10.296  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 122723   | 10.574  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 138168   | 10.872  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.617 | 105  | 164588   | 10.401  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 135432   | 10.488  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 71354    | 10.089  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.811 | 146  | 70033    | 9.978   | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 101141   | 9.895   | ug/l   | 98       |
| 90) Hexachloroethane          | 14.329 | 117  | 22281    | 9.800   | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 14.106 | 146  | 71367    | 10.012  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.723 | 75   | 7288     | 9.627   | ug/l   | 88       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 30695    | 10.043  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.505 | 225  | 18333    | 9.849   | ug/l   | 96       |
| 95) Naphthalene               | 15.641 | 128  | 80951    | 9.521   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.847 | 180  | 30742    | 10.316  | ug/l   | 95       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN011623\  
Data File : VN076262.D  
Acq On : 16 Jan 2023 11:18  
Operator : JC\MD  
Sample : VSTDICC010  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Manual Integrations  
APPROVED

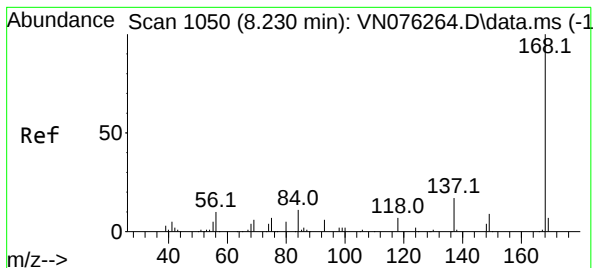
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 03:27:05 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N011623W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 17 03:09:59 2023  
Response via : Initial Calibration

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

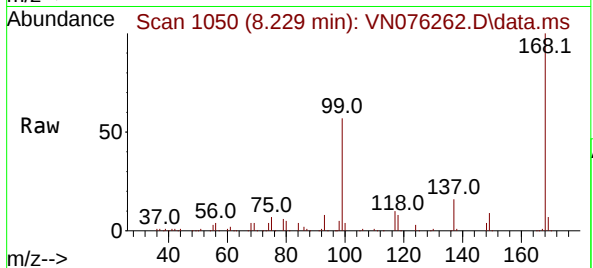
(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.229 min Scan# 10  
Delta R.T. -0.001 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

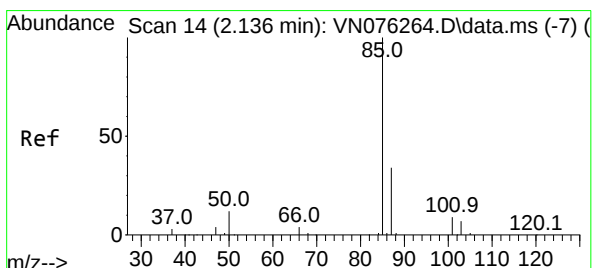
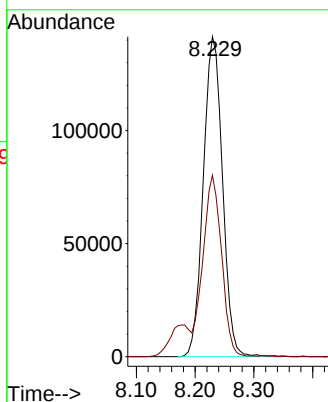
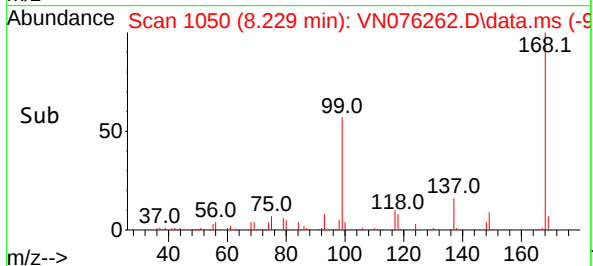
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



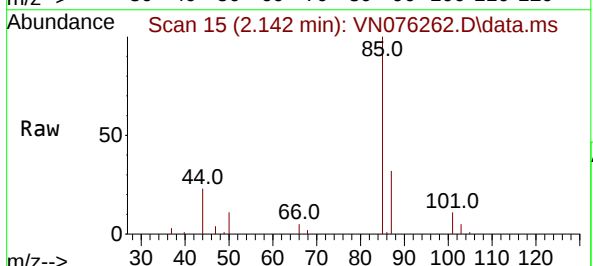
Tgt Ion:168 Resp: 320544  
Ion Ratio Lower Upper  
168 100  
99 56.7 41.6 62.4

Manual Integrations  
APPROVED

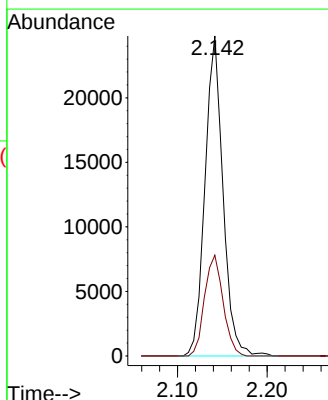
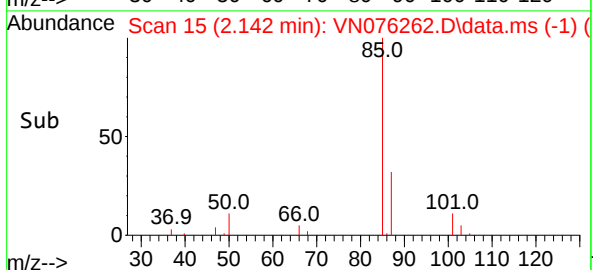
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

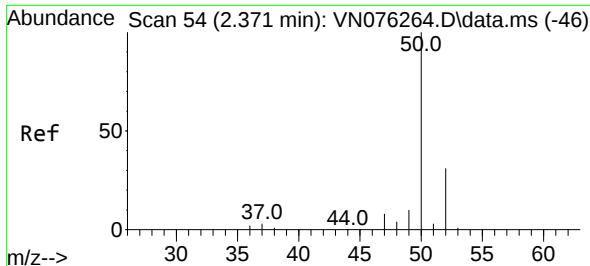


#2  
Dichlorodifluoromethane  
Concen: 10.710 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 85 Resp: 34452  
Ion Ratio Lower Upper  
85 100  
87 31.5 17.1 51.2





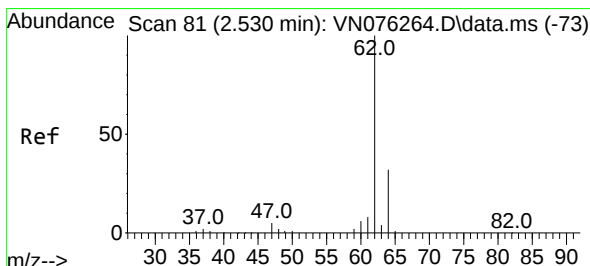
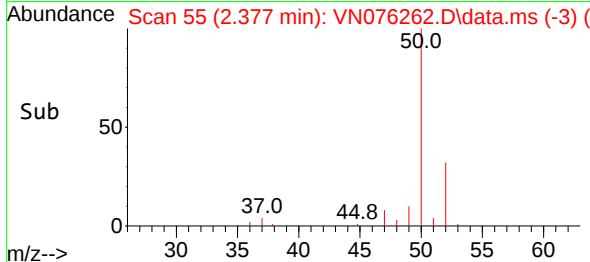
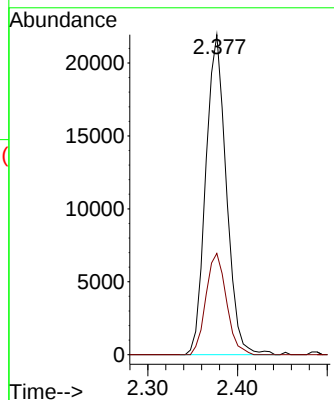
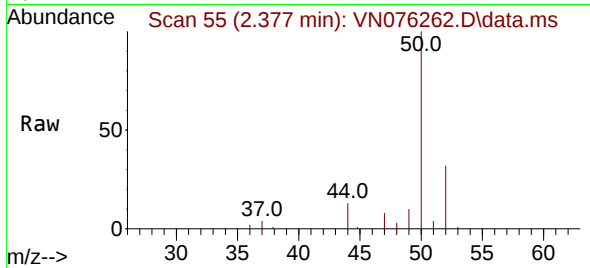
#3  
Chloromethane  
Concen: 10.166 ug/l  
RT: 2.377 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 50 Resp: 34904  
Ion Ratio Lower Upper  
50 100  
52 31.7 24.8 37.2

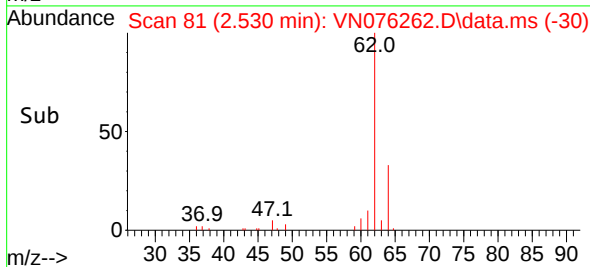
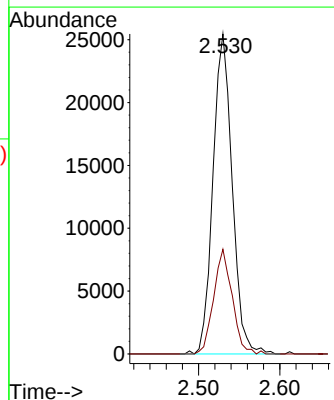
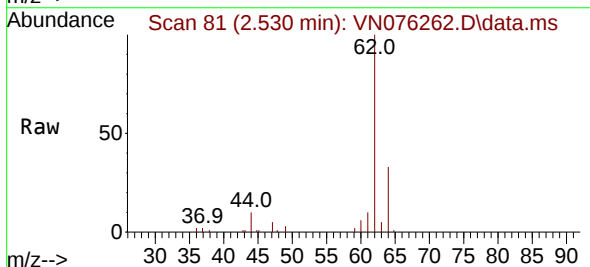
Manual Integrations  
APPROVED

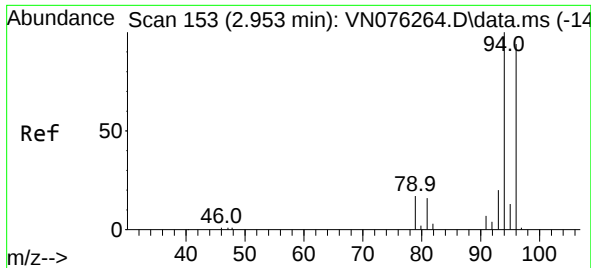
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#4  
Vinyl Chloride  
Concen: 9.885 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 62 Resp: 41852  
Ion Ratio Lower Upper  
62 100  
64 32.7 25.8 38.6





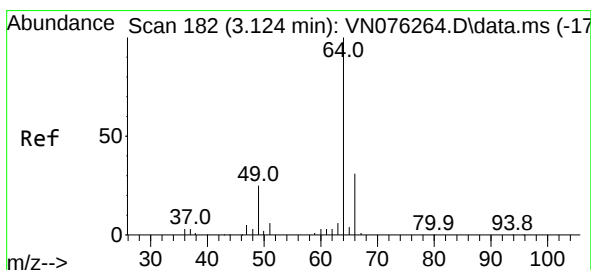
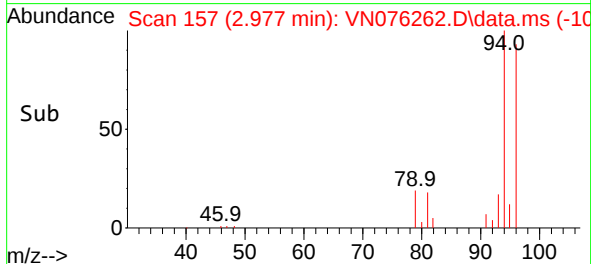
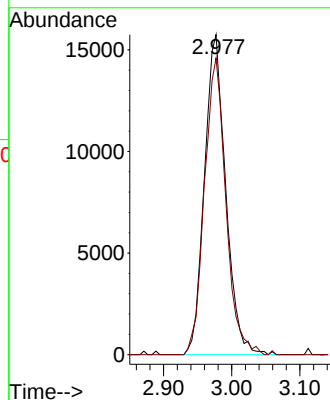
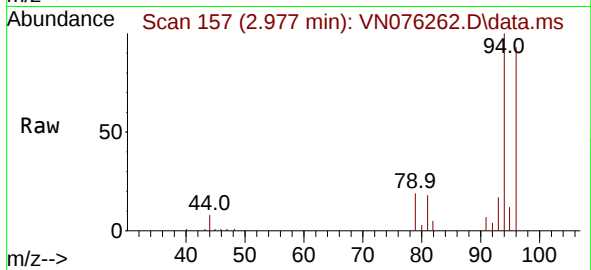
#5  
Bromomethane  
Concen: 10.026 ug/l  
RT: 2.977 min Scan# 153  
Delta R.T. 0.023 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 94 Resp: 3424  
Ion Ratio Lower Upper  
94 100  
96 92.7 75.1 112.7

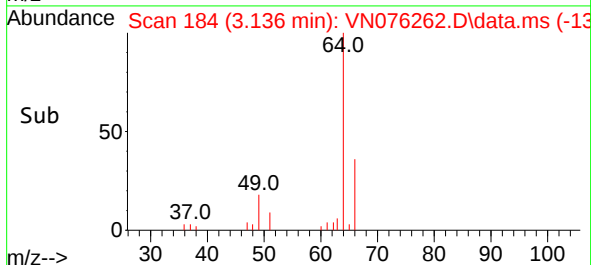
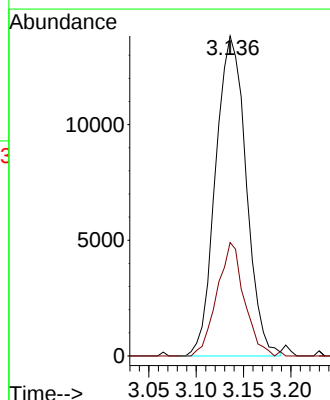
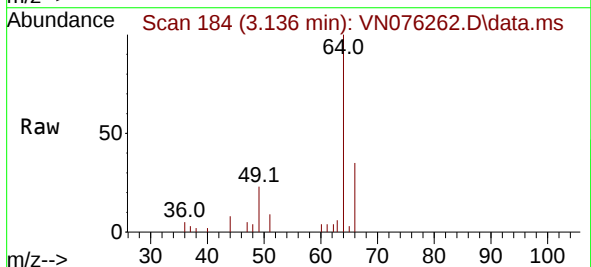
Manual Integrations  
APPROVED

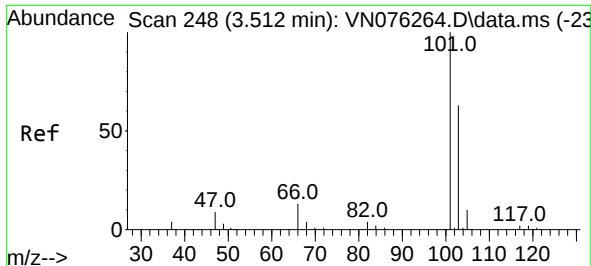
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#6  
Chloroethane  
Concen: 10.016 ug/l  
RT: 3.136 min Scan# 184  
Delta R.T. 0.012 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 64 Resp: 31040  
Ion Ratio Lower Upper  
64 100  
66 35.5 24.8 37.2





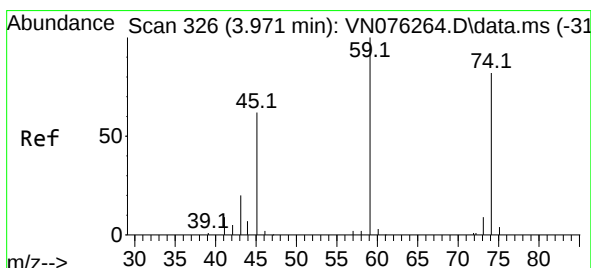
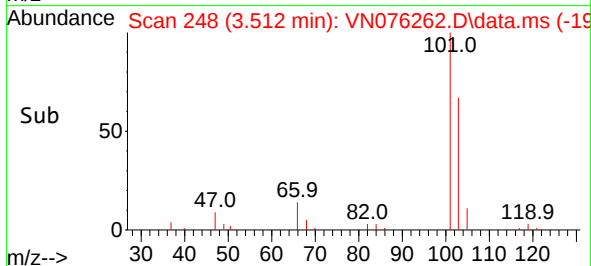
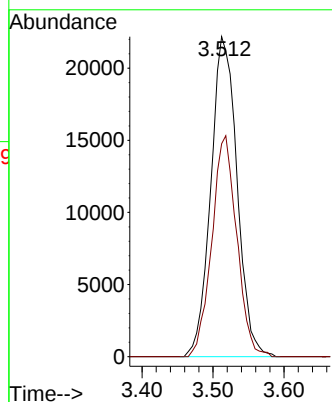
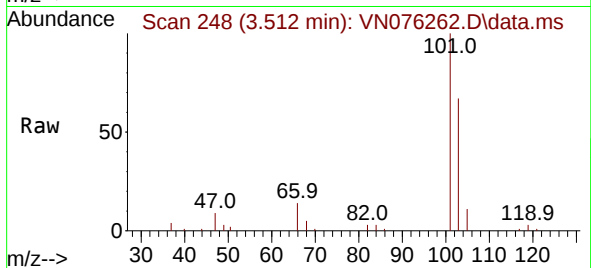
#7  
Trichlorofluoromethane  
Concen: 9.909 ug/l  
RT: 3.512 min Scan# 248  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 5686  
Ion Ratio Lower Upper  
101 100  
103 66.6 50.2 75.4

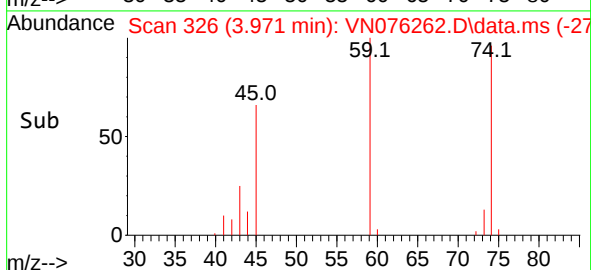
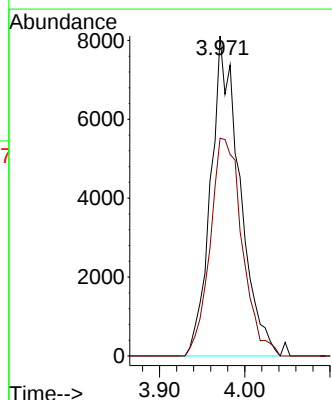
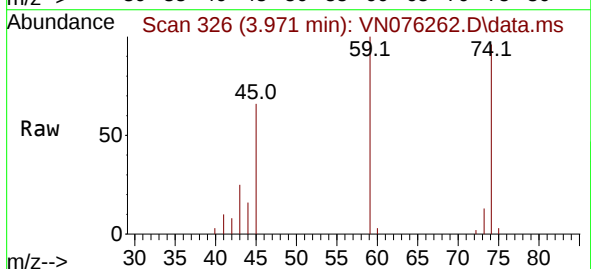
Manual Integrations  
APPROVED

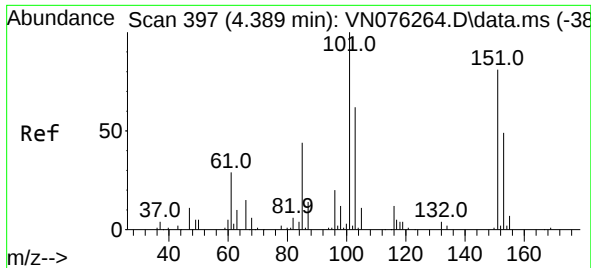
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#8  
Diethyl Ether  
Concen: 10.115 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 74 Resp: 19183  
Ion Ratio Lower Upper  
74 100  
45 75.0 37.8 113.3





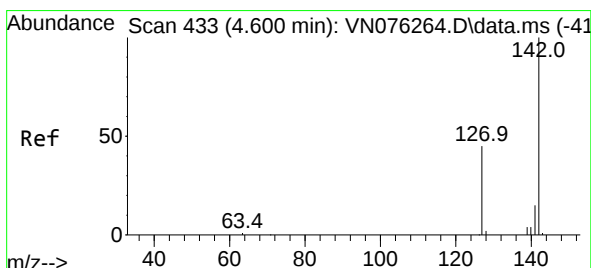
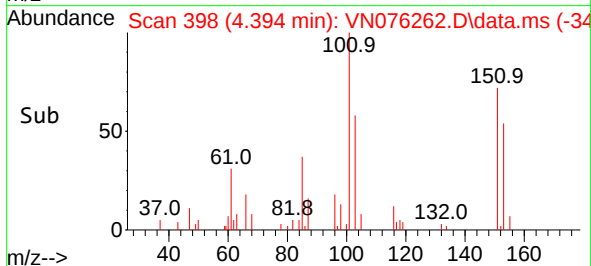
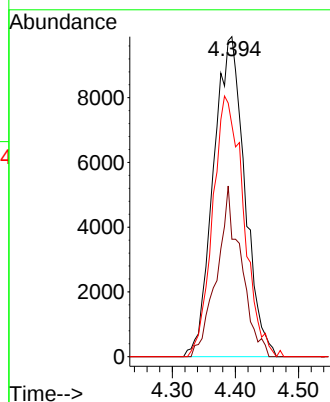
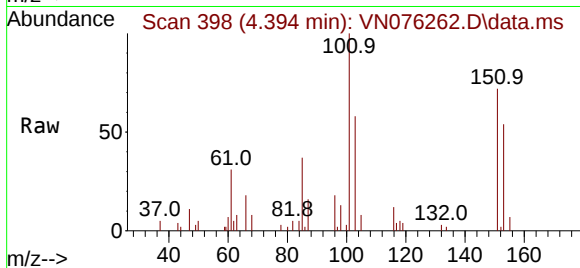
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 10.620 ug/l  
RT: 4.394 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:101 Resp: 3406  
Ion Ratio Lower Upper  
101 100  
85 41.6 35.5 53.3  
151 80.1 65.5 98.3

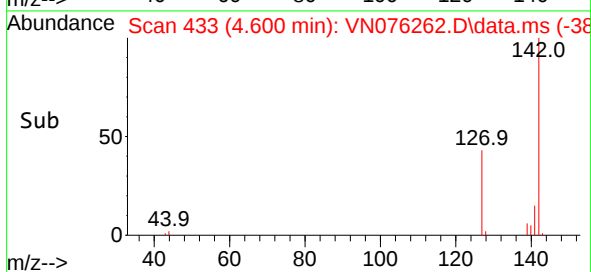
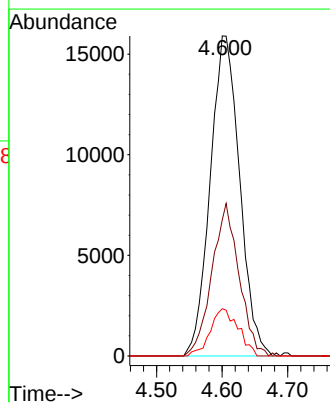
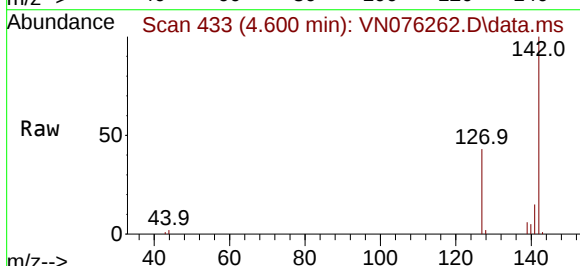
Manual Integrations  
APPROVED

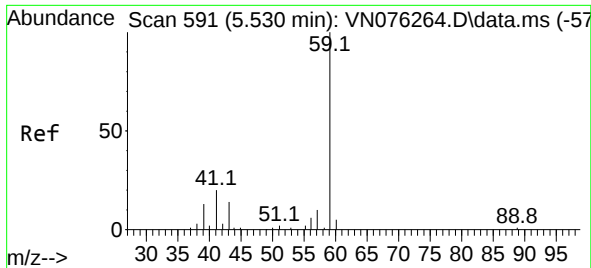
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#10  
Methyl Iodide  
Concen: 10.001 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

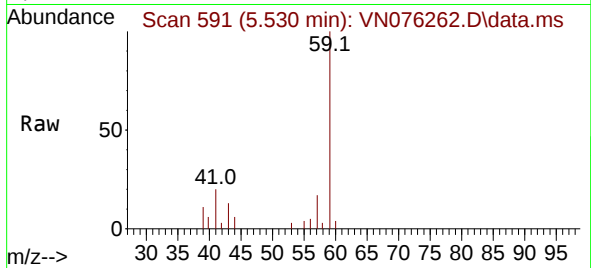
Tgt Ion:142 Resp: 49618  
Ion Ratio Lower Upper  
142 100  
127 44.0 35.0 52.4  
141 14.0 11.5 17.3





#11  
Tert butyl alcohol  
Concen: 50.287 ug/l  
RT: 5.530 min Scan# 591  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

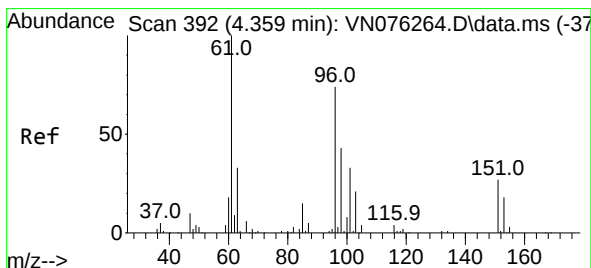
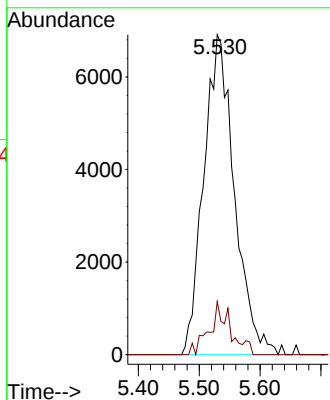
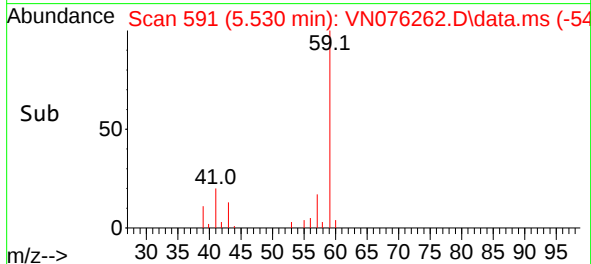
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



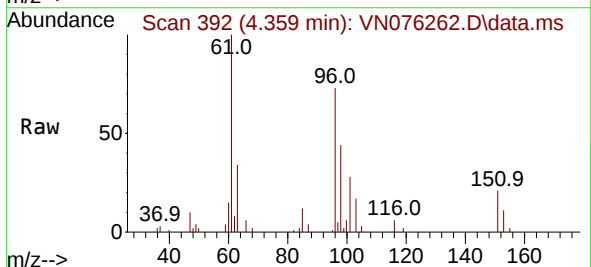
Tgt Ion: 59 Resp: 2414  
Ion Ratio Lower Upper  
59 100  
57 11.4 8.5 12.7

Manual Integrations  
APPROVED

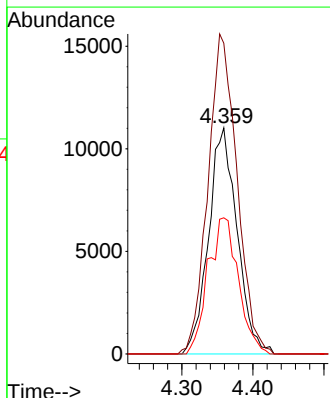
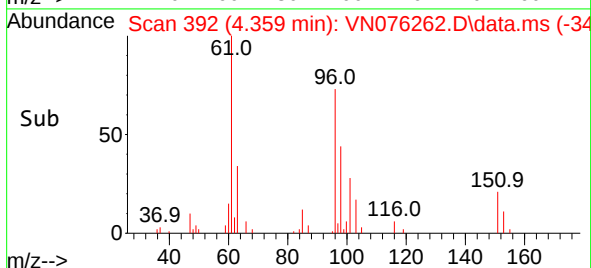
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#12  
1,1-Dichloroethene  
Concen: 10.300 ug/l  
RT: 4.359 min Scan# 392  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 96 Resp: 30697  
Ion Ratio Lower Upper  
96 100  
61 137.5 108.2 162.4  
98 60.3 47.0 70.6





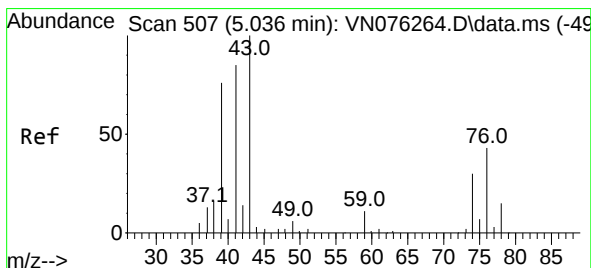
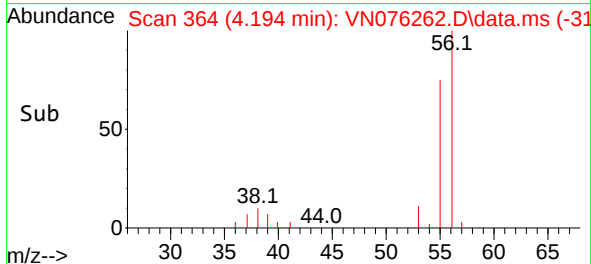
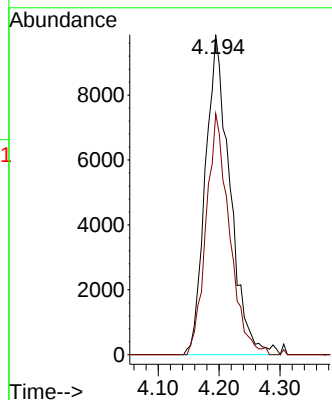
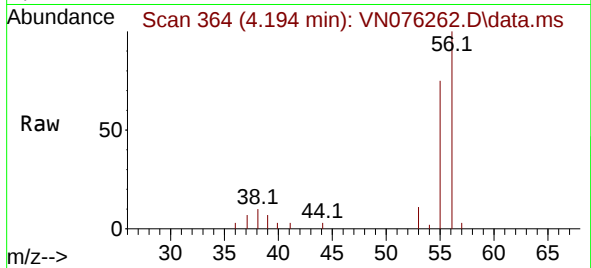
#13  
Acrolein  
Concen: 48.128 ug/l  
RT: 4.194 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 56 Resp: 2763  
Ion Ratio Lower Upper  
56 100  
55 71.5 55.8 83.6

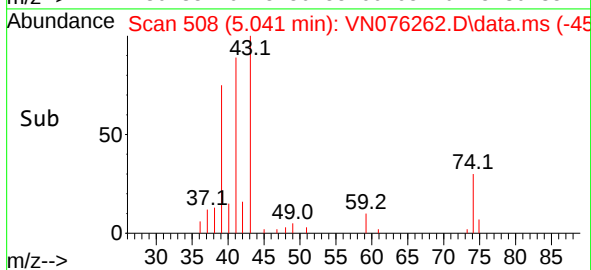
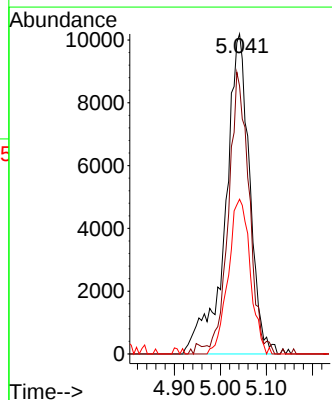
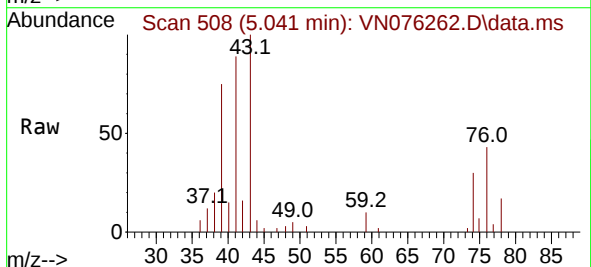
Manual Integrations  
APPROVED

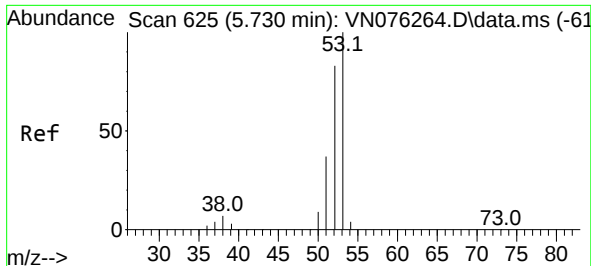
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#14  
Allyl chloride  
Concen: 10.671 ug/l  
RT: 5.041 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

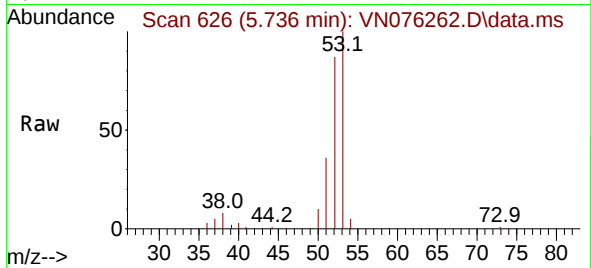
Tgt Ion: 41 Resp: 37303  
Ion Ratio Lower Upper  
41 100  
39 74.2 67.4 101.0  
76 43.6 39.8 59.8





#15  
Acrylonitrile  
Concen: 48.900 ug/l  
RT: 5.736 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

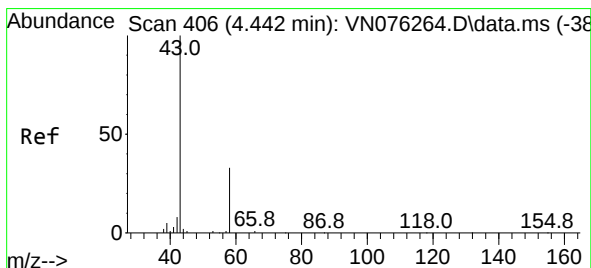
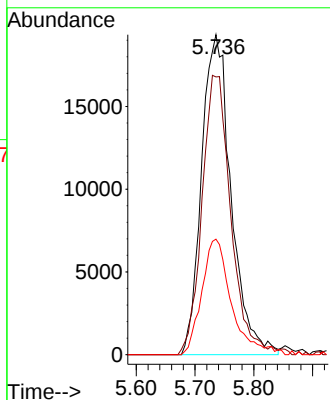
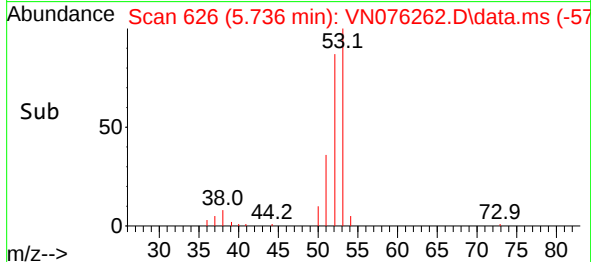
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



Tgt Ion: 53 Resp: 67502  
Ion Ratio Lower Upper  
53 100  
52 84.9 64.7 97.1  
51 36.1 29.2 43.8

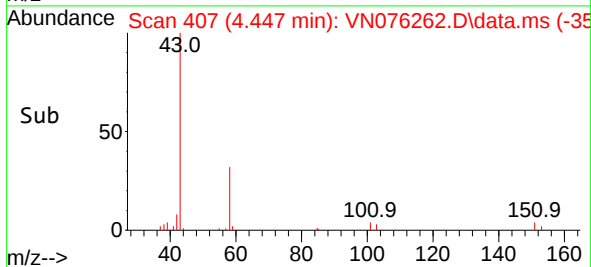
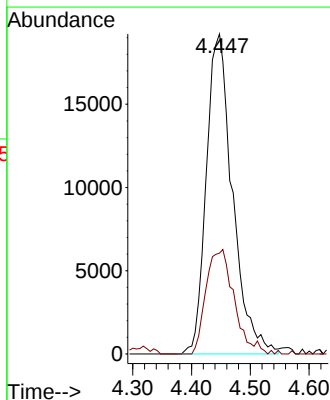
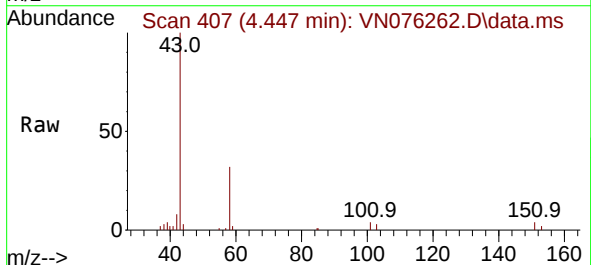
Manual Integrations  
APPROVED

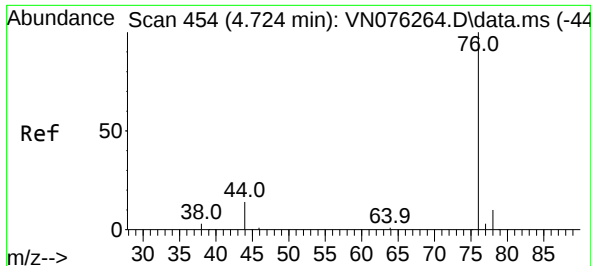
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#16  
Acetone  
Concen: 50.088 ug/l  
RT: 4.447 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

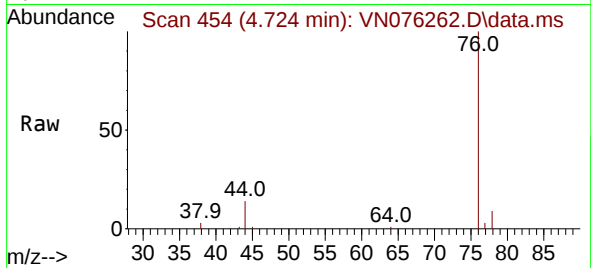
Tgt Ion: 43 Resp: 59437  
Ion Ratio Lower Upper  
43 100  
58 31.5 26.7 40.1





#17  
Carbon Disulfide  
Concen: 10.080 ug/l  
RT: 4.724 min Scan# 454  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

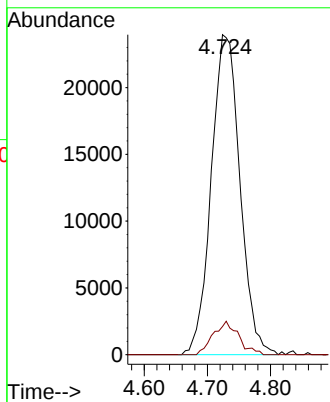
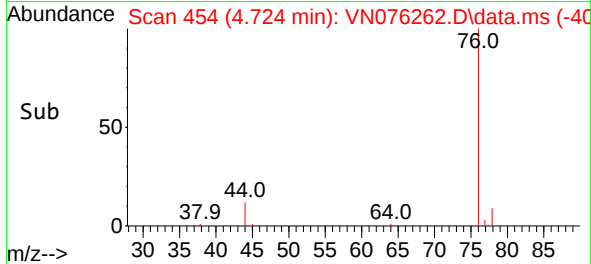
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



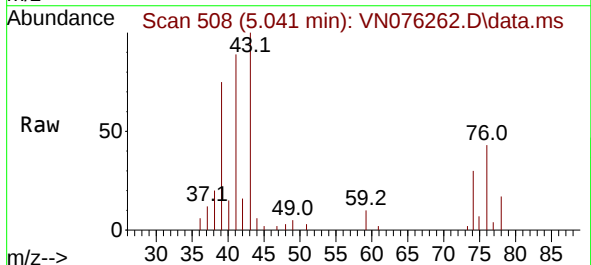
Tgt Ion: 76 Resp: 75610  
Ion Ratio Lower Upper  
76 100  
78 8.8 8.0 12.0

Manual Integrations  
APPROVED

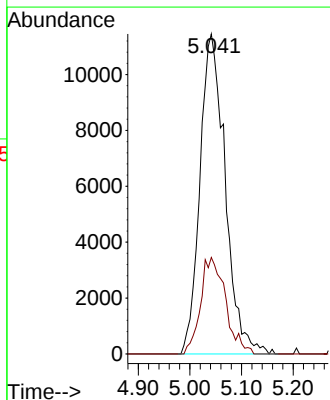
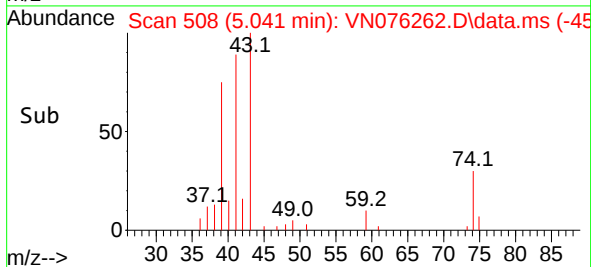
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

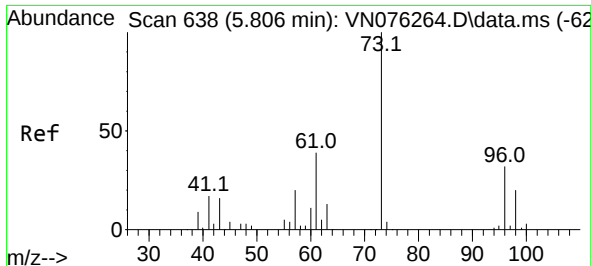


#18  
Methyl Acetate  
Concen: 10.024 ug/l  
RT: 5.041 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 43 Resp: 38840  
Ion Ratio Lower Upper  
43 100  
74 29.8 23.3 34.9





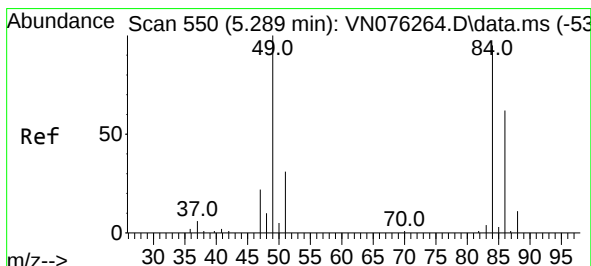
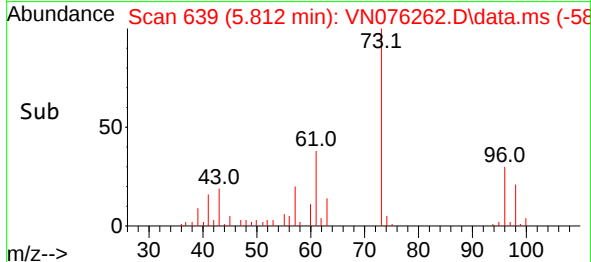
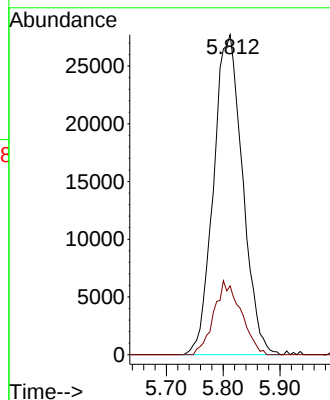
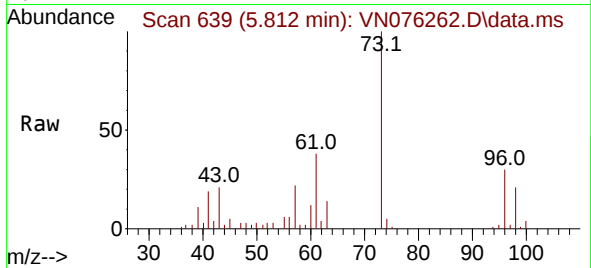
#19  
Methyl tert-butyl Ether  
Concen: 9.920 ug/l  
RT: 5.812 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 73 Resp: 98404  
Ion Ratio Lower Upper  
73 100  
57 21.5 15.9 23.9

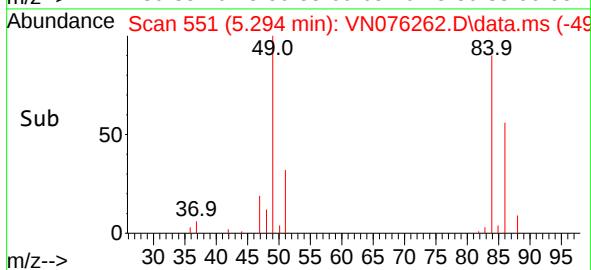
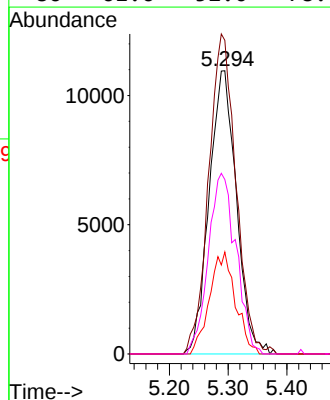
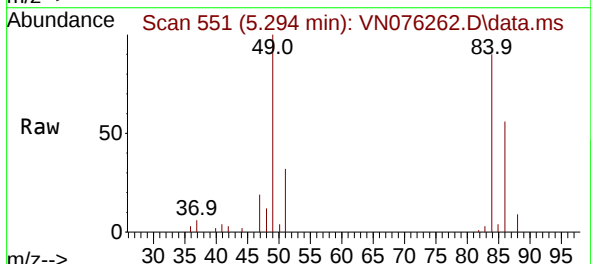
Manual Integrations  
APPROVED

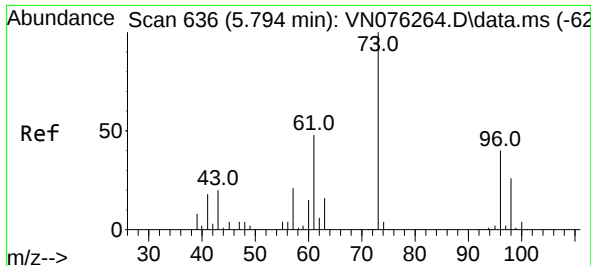
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#20  
Methylene Chloride  
Concen: 9.876 ug/l  
RT: 5.294 min Scan# 551  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

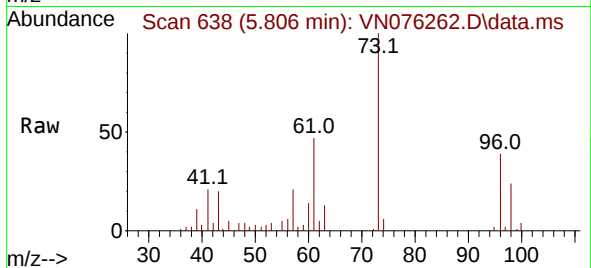
Tgt Ion: 84 Resp: 35269  
Ion Ratio Lower Upper  
84 100  
49 110.7 84.5 126.7  
51 36.0 26.0 39.0  
86 61.6 52.0 78.0





#21  
trans-1,2-Dichloroethene  
Concen: 9.742 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

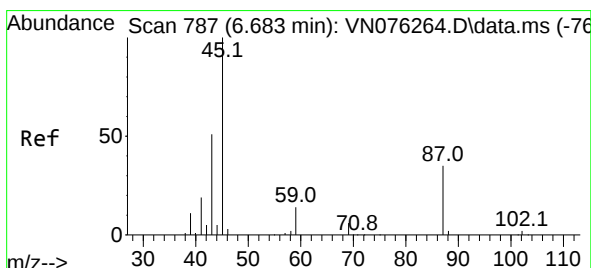
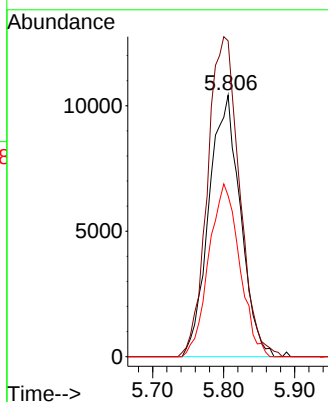
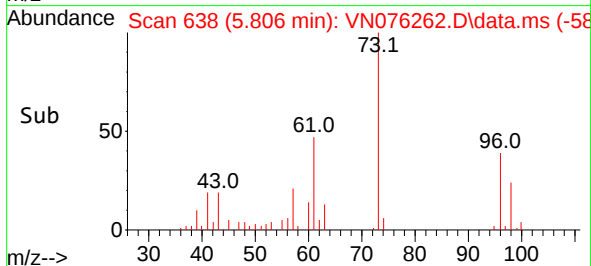
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



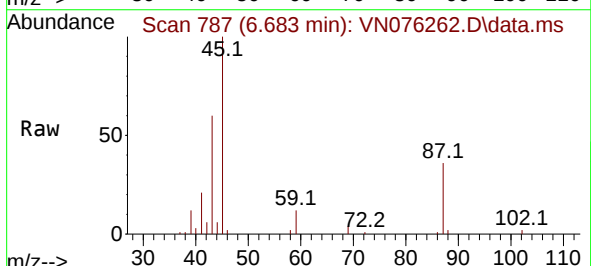
Tgt Ion: 96 Resp: 3209  
Ion Ratio Lower Upper  
96 100  
61 120.8 97.0 145.4  
98 61.6 51.9 77.9

Manual Integrations  
APPROVED

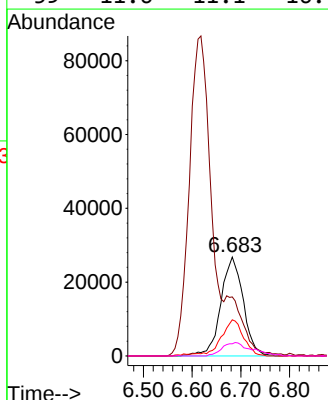
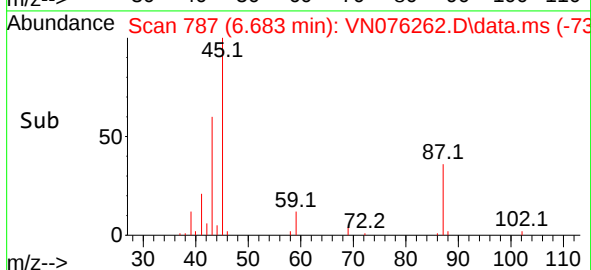
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

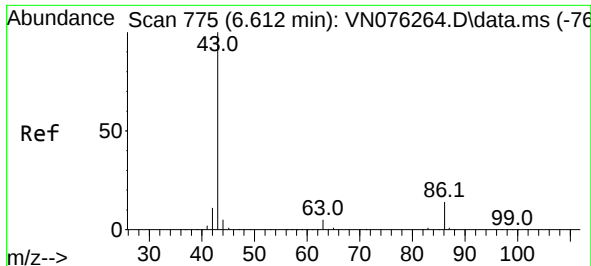


#22  
Diisopropyl ether  
Concen: 10.074 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 45 Resp: 85802  
Ion Ratio Lower Upper  
45 100  
43 57.8 44.4 66.6  
87 36.5 28.4 42.6  
59 11.6 11.1 16.7





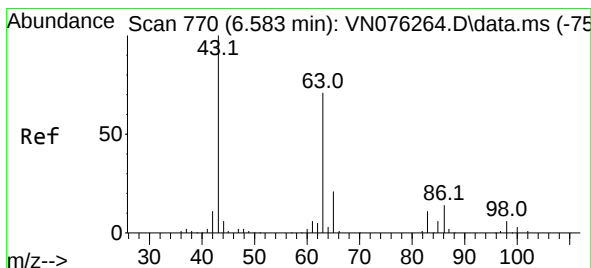
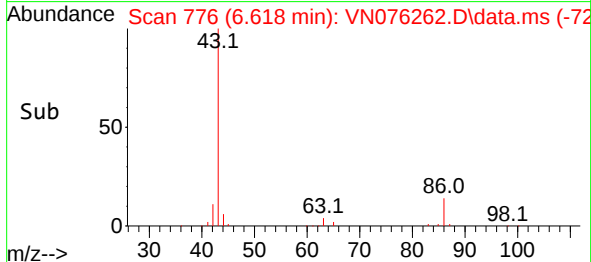
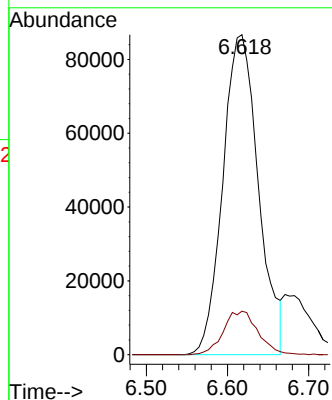
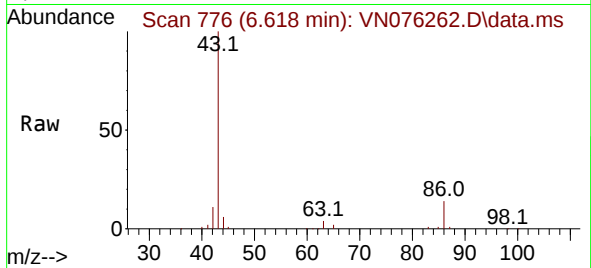
#23  
 Vinyl Acetate  
 Concen: 48.907 ug/l  
 RT: 6.618 min Scan# 776  
 Delta R.T. 0.006 min  
 Lab File: VN076262.D  
 Acq: 16 Jan 2023 11:18

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010

Tgt Ion: 43 Resp: 26446  
 Ion Ratio Lower Upper  
 43 100  
 86 13.6 11.2 16.8

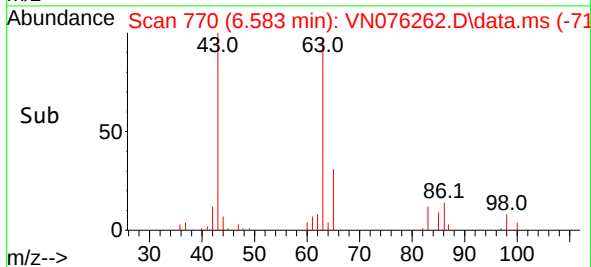
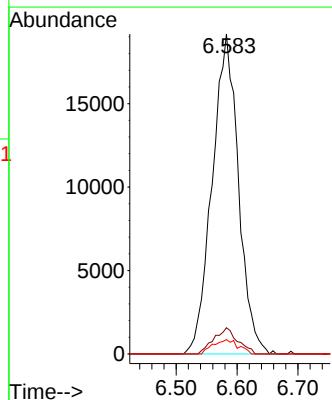
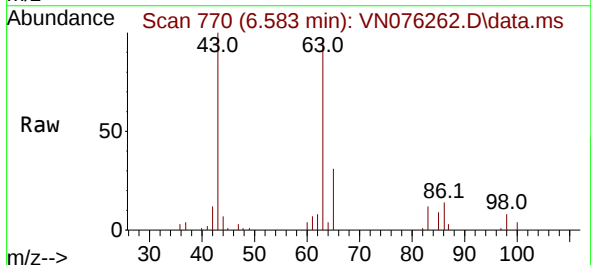
Manual Integrations  
 APPROVED

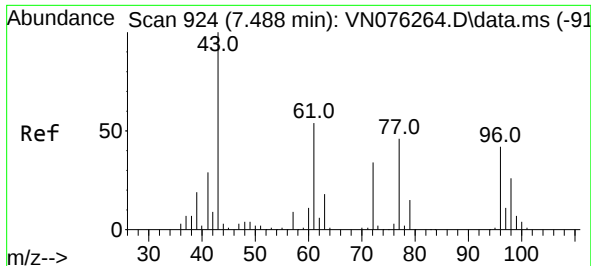
Reviewed By :John Carlone 01/17/2023  
 Supervised By :Mahesh Dadoda 01/17/2023



#24  
 1,1-Dichloroethane  
 Concen: 10.065 ug/l  
 RT: 6.583 min Scan# 770  
 Delta R.T. -0.000 min  
 Lab File: VN076262.D  
 Acq: 16 Jan 2023 11:18

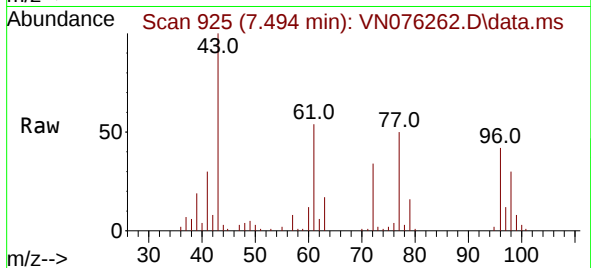
Tgt Ion: 63 Resp: 57517  
 Ion Ratio Lower Upper  
 63 100  
 98 8.2 3.9 11.7  
 100 4.5 2.2 6.6





#25  
2-Butanone  
Concen: 51.059 ug/l  
RT: 7.494 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

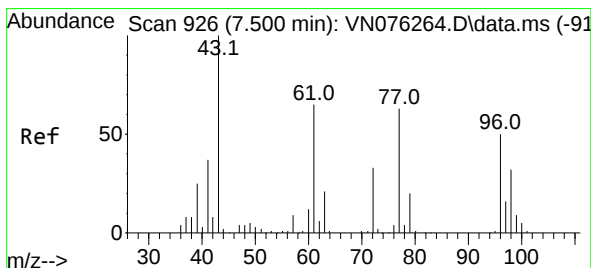
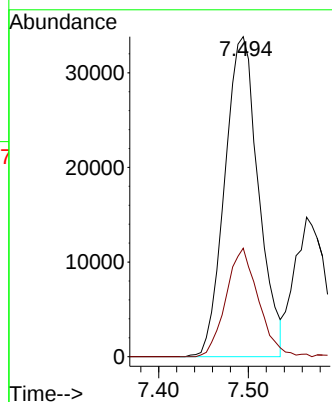
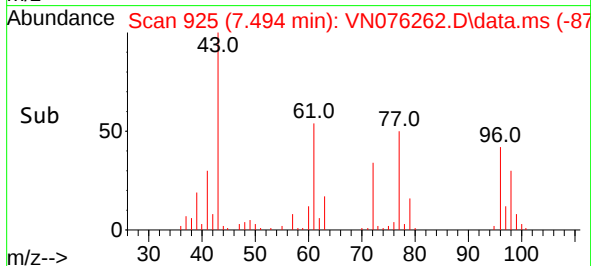
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



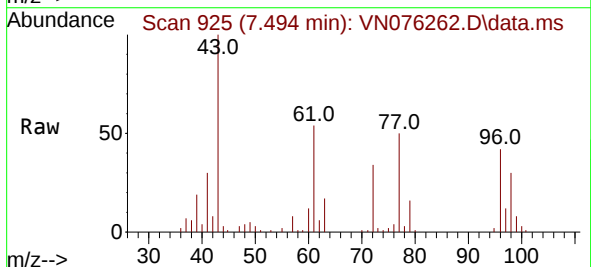
Tgt Ion: 43 Resp: 8819  
Ion Ratio Lower Upper  
43 100  
72 33.9 27.4 41.2

Manual Integrations  
APPROVED

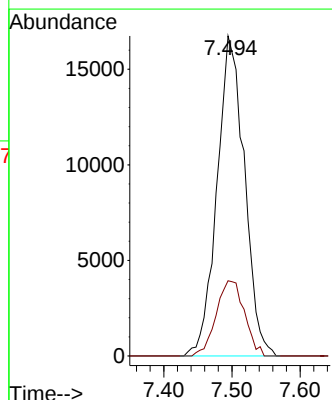
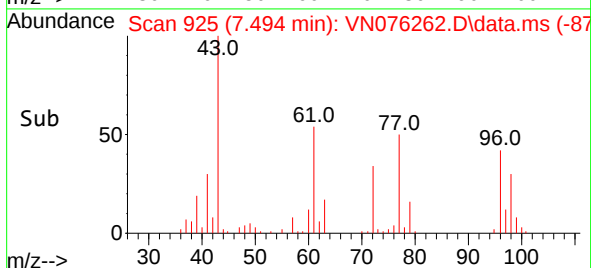
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

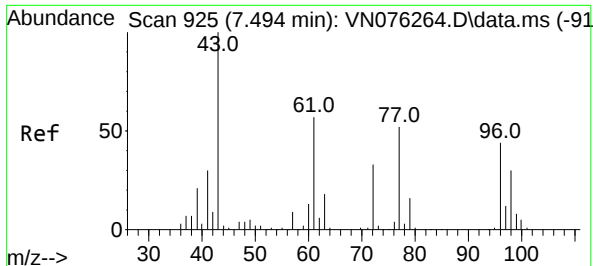


#26  
2,2-Dichloropropane  
Concen: 9.608 ug/l  
RT: 7.494 min Scan# 925  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 77 Resp: 46879  
Ion Ratio Lower Upper  
77 100  
97 24.2 11.8 35.4





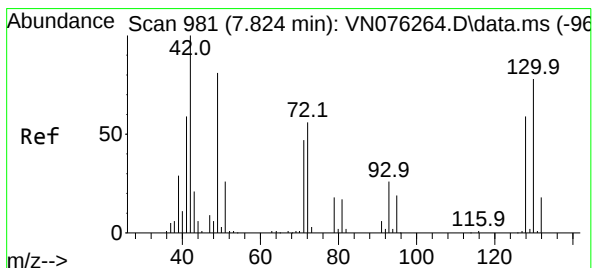
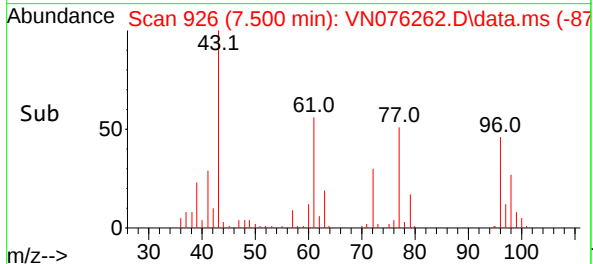
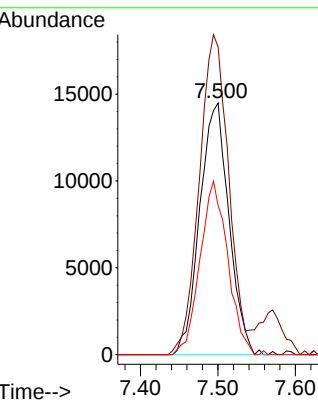
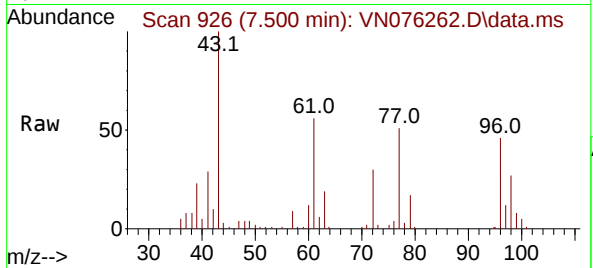
#27  
cis-1,2-Dichloroethene  
Concen: 9.763 ug/l  
RT: 7.500 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 96 Resp: 37910  
Ion Ratio Lower Upper  
96 100  
61 128.5 0.0 259.6  
98 65.4 0.0 129.4

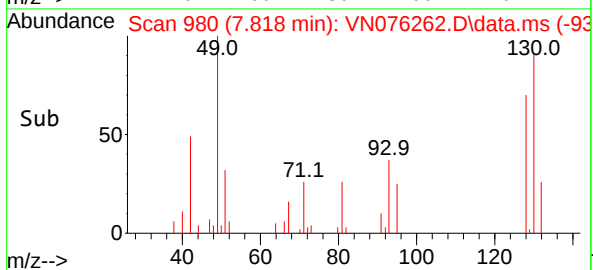
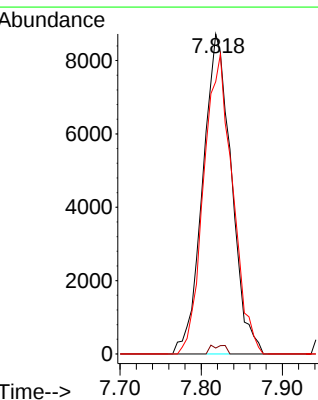
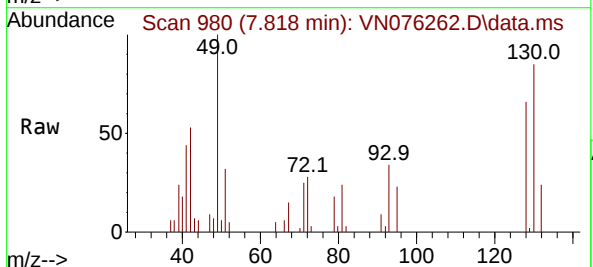
Manual Integrations  
APPROVED

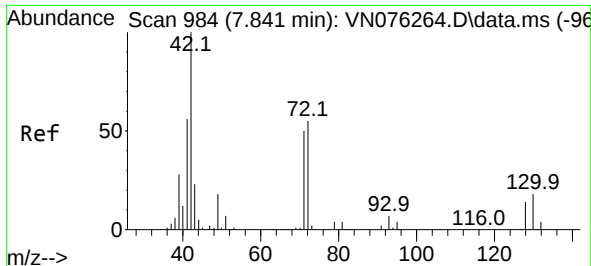
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#28  
Bromochloromethane  
Concen: 9.258 ug/l  
RT: 7.818 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

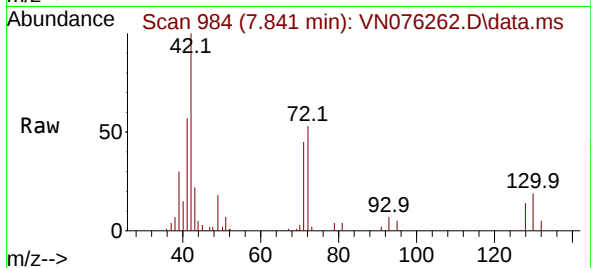
Tgt Ion: 49 Resp: 21348  
Ion Ratio Lower Upper  
49 100  
129 1.4 0.0 5.2  
130 94.4 76.0 114.0





#29  
Tetrahydrofuran  
Concen: 51.498 ug/l  
RT: 7.841 min Scan# 984  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

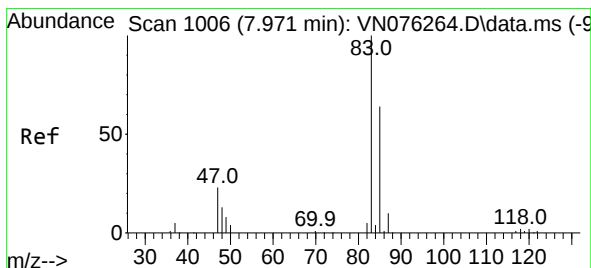
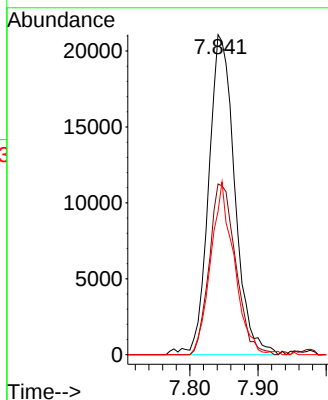
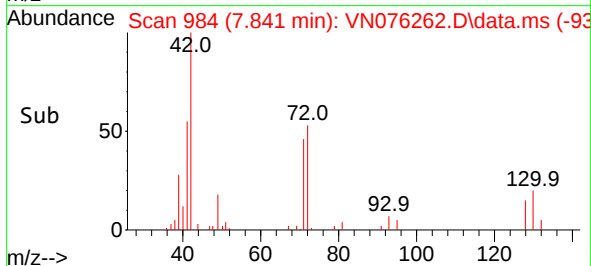
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



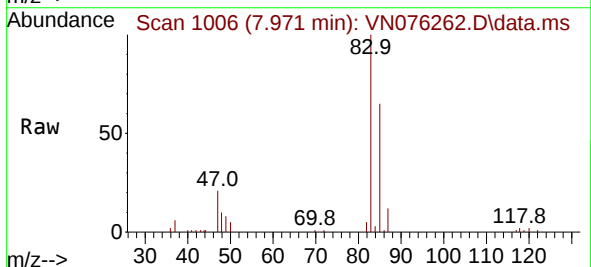
Tgt Ion: 42 Resp: 55879  
Ion Ratio Lower Upper  
42 100  
72 54.4 44.0 66.0  
71 48.7 41.1 61.7

Manual Integrations  
APPROVED

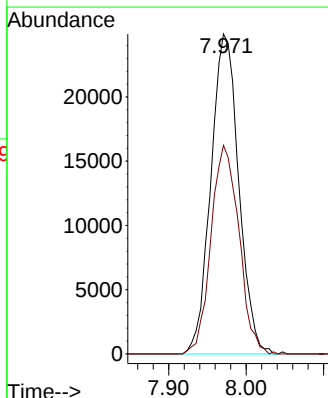
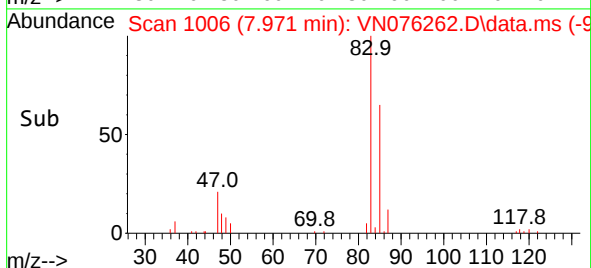
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

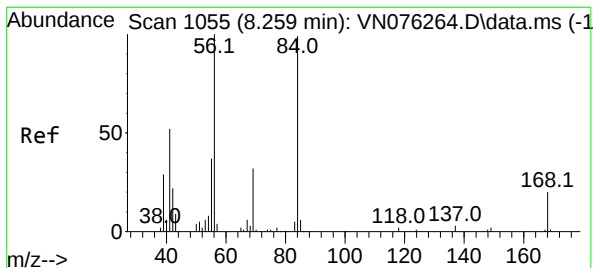


#30  
Chloroform  
Concen: 9.800 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion: 83 Resp: 62299  
Ion Ratio Lower Upper  
83 100  
85 65.2 51.0 76.6





#31

Cyclohexane

Concen: 10.174 ug/l

RT: 8.265 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

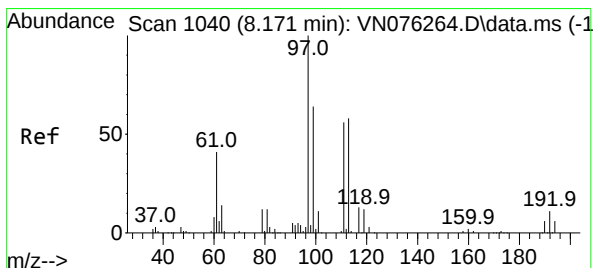
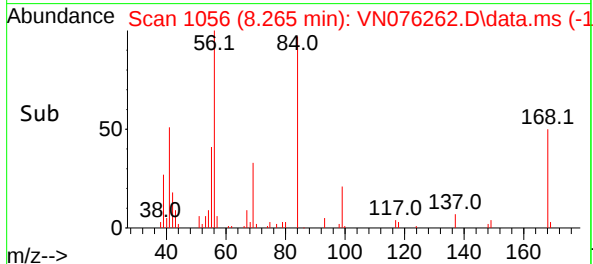
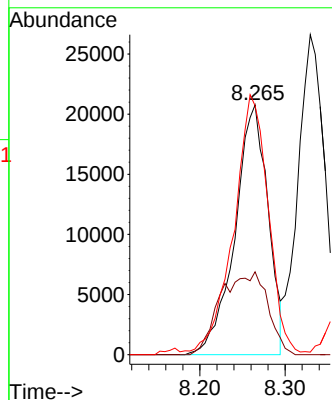
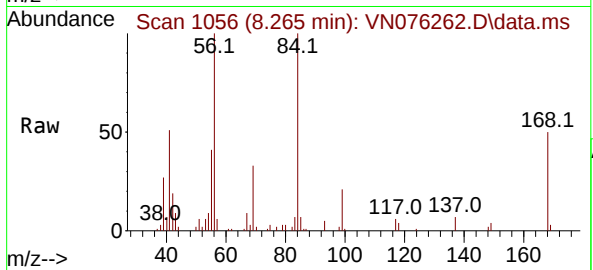
|             |                 |
|-------------|-----------------|
| Tgt Ion: 56 | Resp: 5609      |
| Ion Ratio   | Lower Upper     |
| 56          | 100             |
| 69          | 33.2 25.8 38.8  |
| 84          | 98.5 79.0 118.4 |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#32

1,1,1-Trichloroethane

Concen: 9.941 ug/l

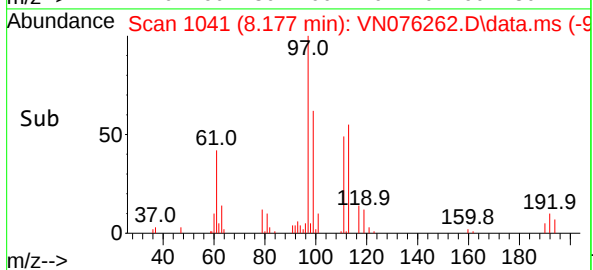
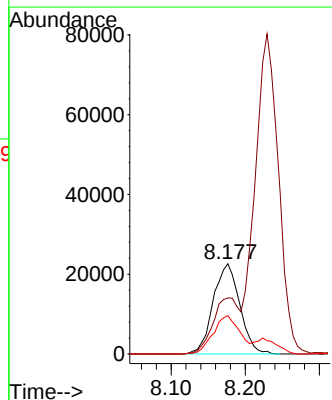
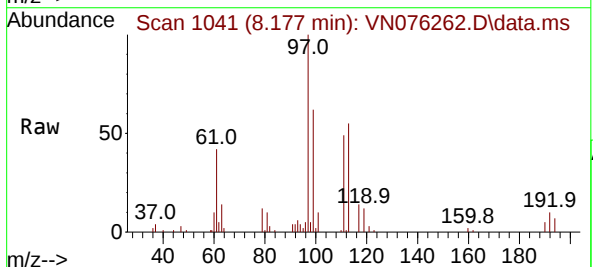
RT: 8.177 min Scan# 1041

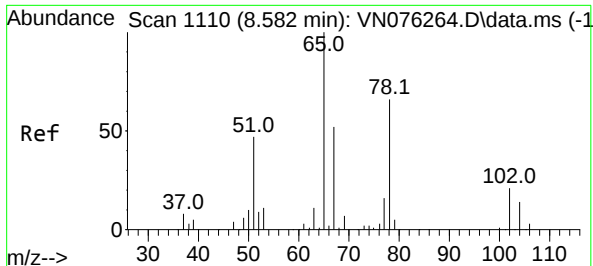
Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

|             |                |
|-------------|----------------|
| Tgt Ion: 97 | Resp: 56305    |
| Ion Ratio   | Lower Upper    |
| 97          | 100            |
| 99          | 62.0 55.0 82.4 |
| 61          | 42.5 36.2 54.4 |





#33

1,2-Dichloroethane-d4

Concen: 9.394 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 33710

Ion Ratio Lower Upper

65 100

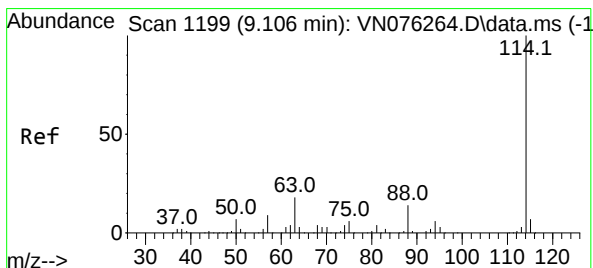
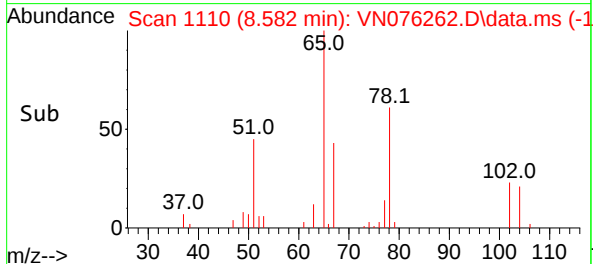
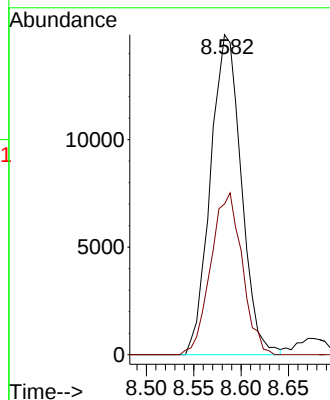
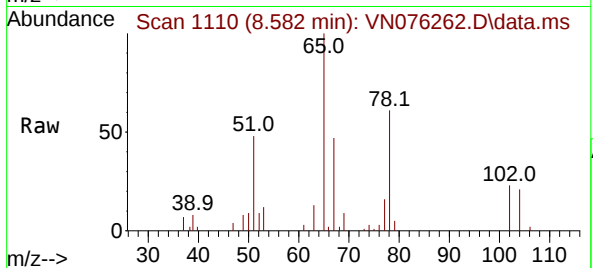
67 51.4 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

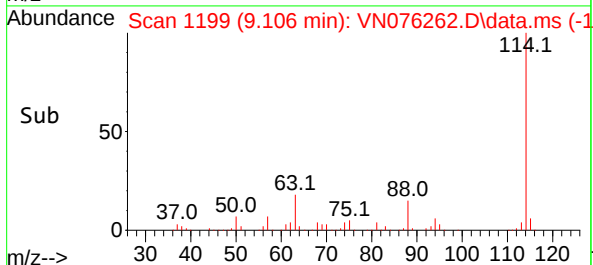
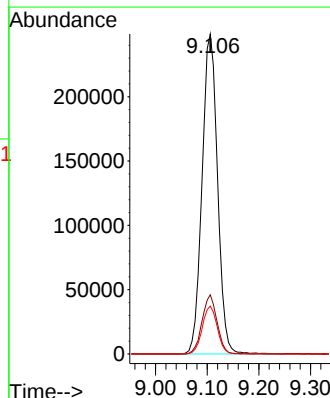
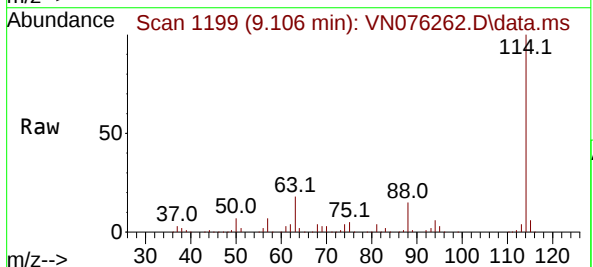
Tgt Ion:114 Resp: 517017

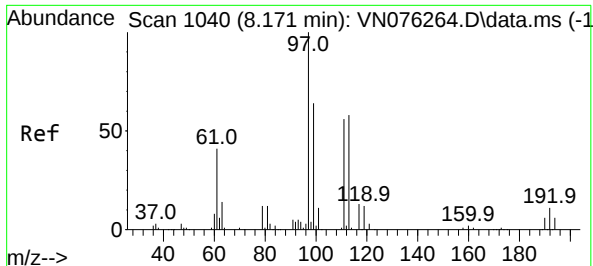
Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.8

88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 9.417 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion:113 Resp: 30456

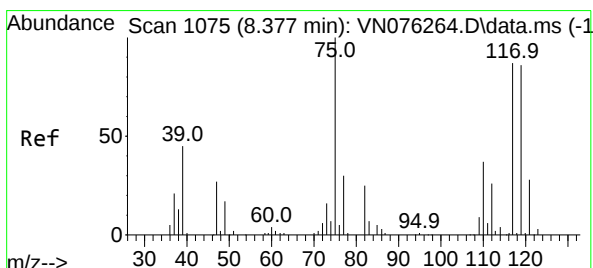
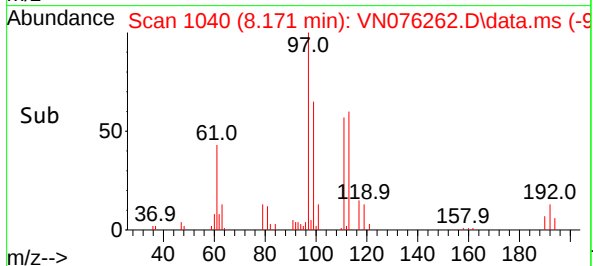
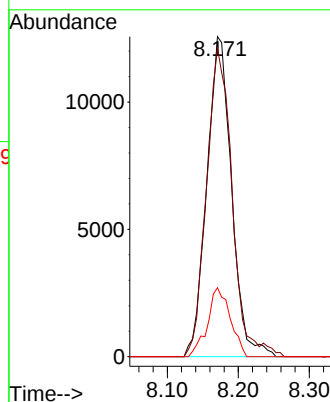
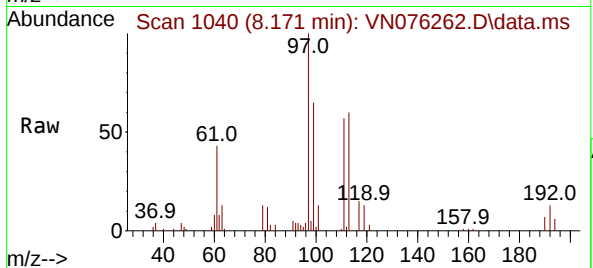
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 99.7  | 82.7  | 124.1 |
| 192 | 19.8  | 15.6  | 23.4  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#36

1,1-Dichloropropene

Concen: 9.722 ug/l

RT: 8.377 min Scan# 1075

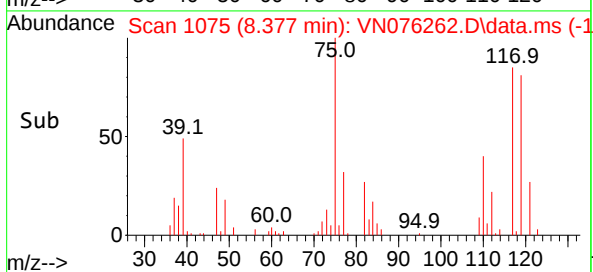
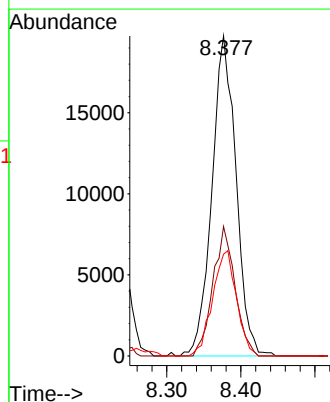
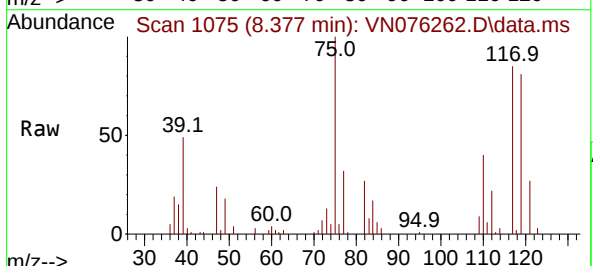
Delta R.T. -0.000 min

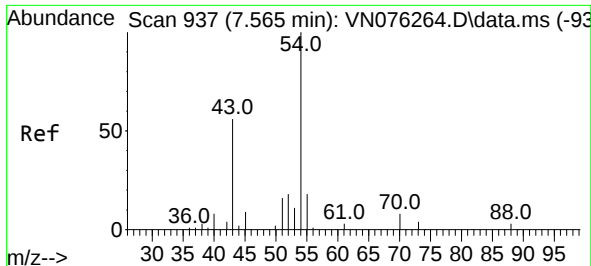
Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion: 75 Resp: 44575

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 37.1  | 18.8  | 56.3  |
| 77  | 32.6  | 25.0  | 37.4  |





#37

Ethyl Acetate

Concen: 9.234 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 3360

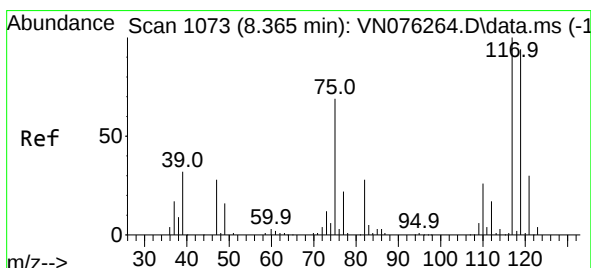
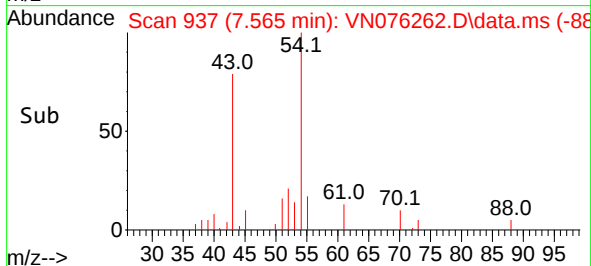
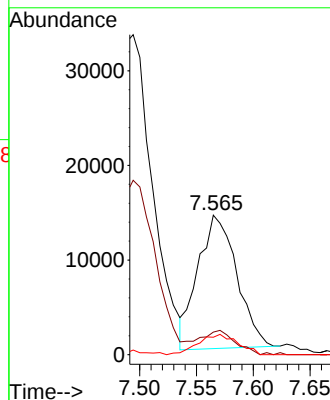
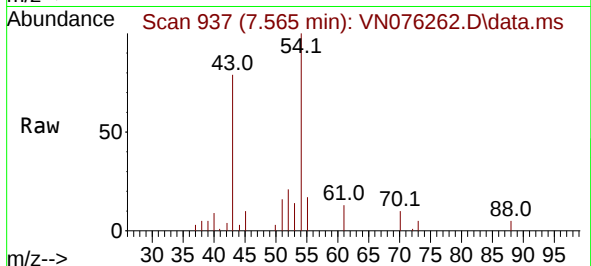
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 17.0  | 11.1  | 16.7  |
| 70  | 15.4  | 10.0  | 15.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#38

Carbon Tetrachloride

Concen: 9.912 ug/l

RT: 8.365 min Scan# 1073

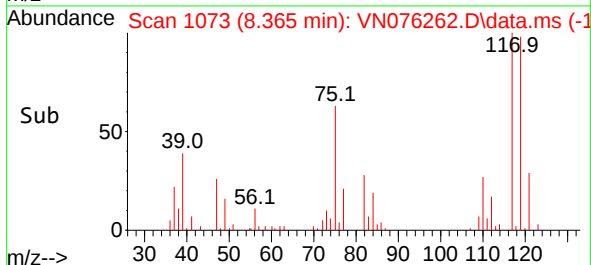
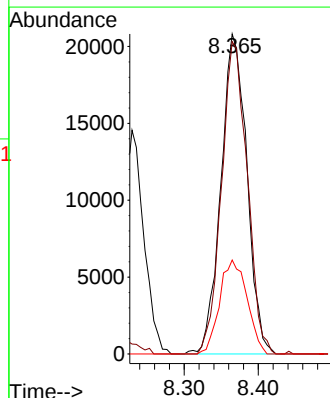
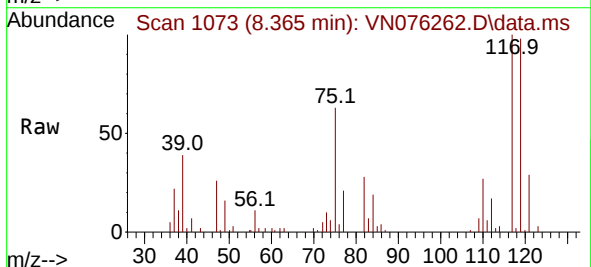
Delta R.T. -0.000 min

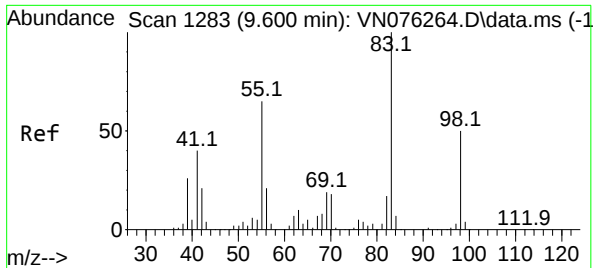
Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion:117 Resp: 50624

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 97.6  | 75.4  | 113.0 |
| 121 | 29.4  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 9.785 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

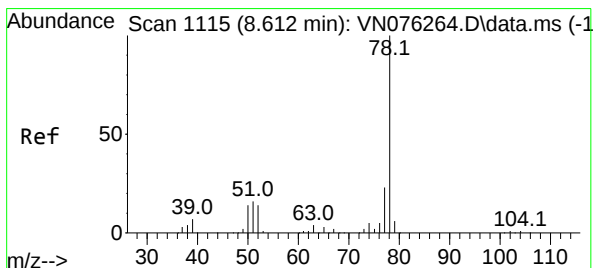
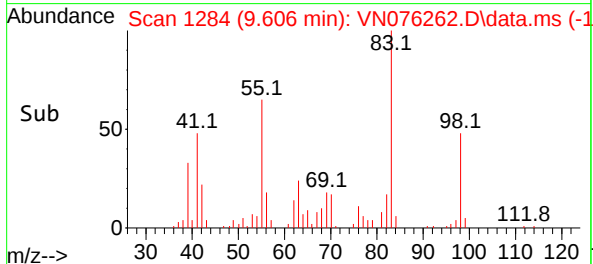
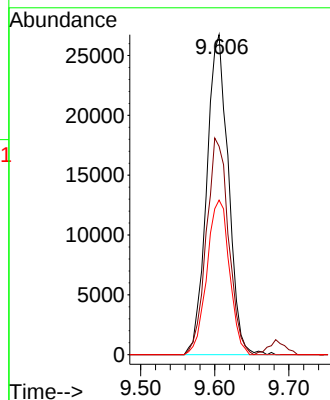
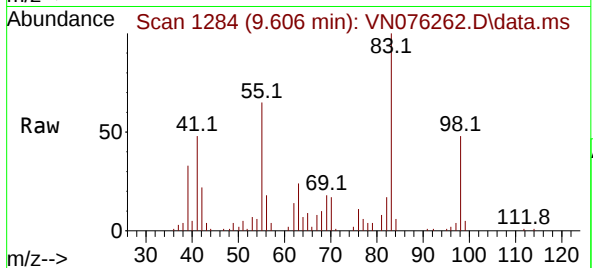
Tgt Ion: 83 Resp: 5427  
 Ion Ratio Lower Upper  
 83 100  
 55 65.1 51.7 77.5  
 98 48.3 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#40

Benzene

Concen: 10.014 ug/l

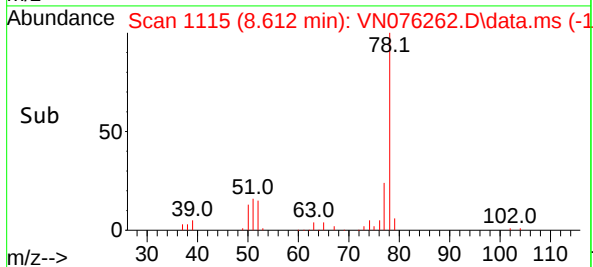
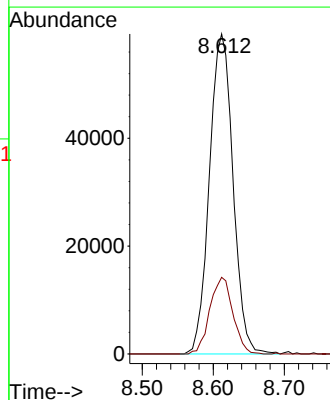
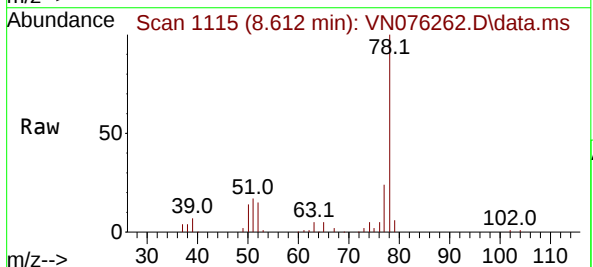
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion: 78 Resp: 136726  
 Ion Ratio Lower Upper  
 78 100  
 77 24.0 18.6 28.0





#41  
Methacrylonitrile  
Concen: 10.711 ug/l  
RT: 7.782 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

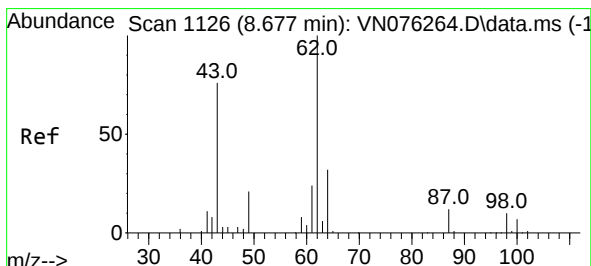
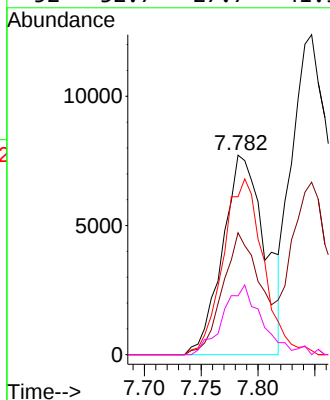
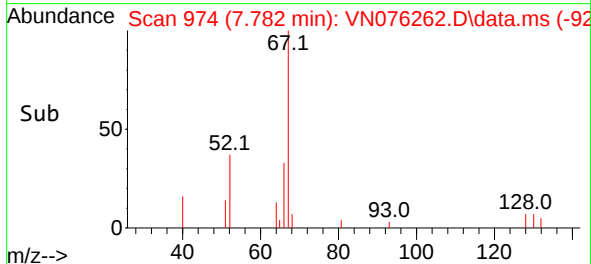
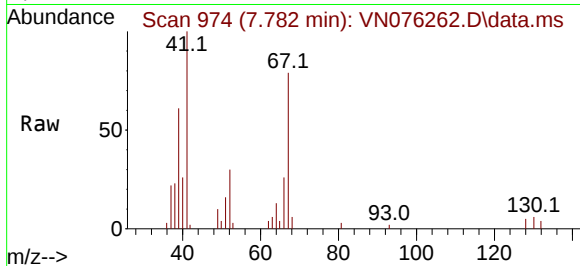
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 41 Resp: 20080

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.4  | 42.4  | 63.6  |
| 67  | 83.6  | 68.8  | 103.2 |
| 52  | 32.7  | 27.7  | 41.5  |

Manual Integrations  
APPROVED

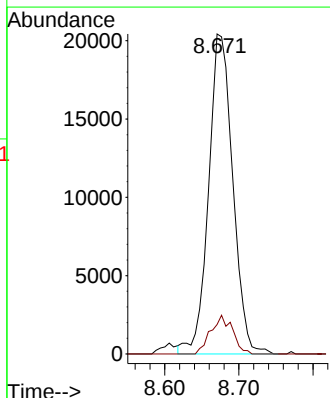
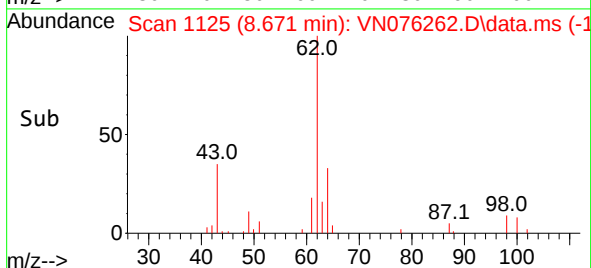
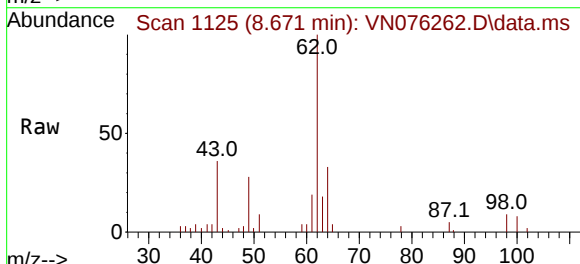
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

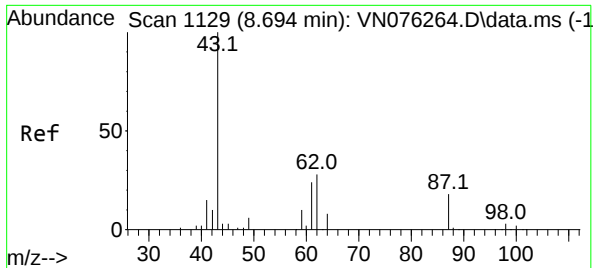


#42  
1,2-Dichloroethane  
Concen: 9.879 ug/l  
RT: 8.671 min Scan# 1125  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 62 Resp: 46352

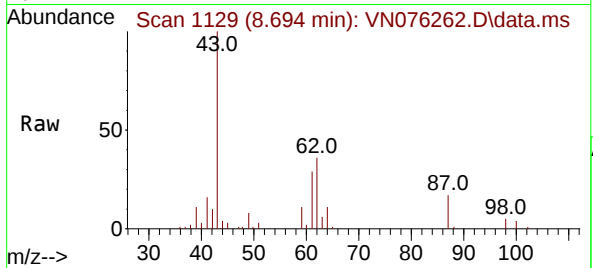
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.8  | 0.0   | 20.4  |





#43  
Isopropyl Acetate  
Concen: 7.427 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

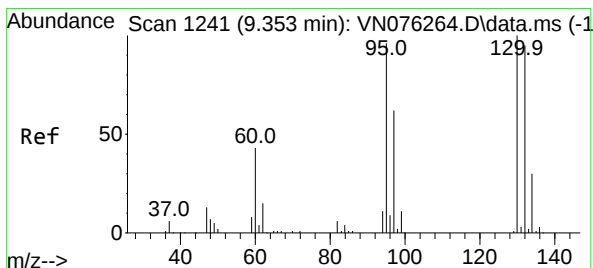
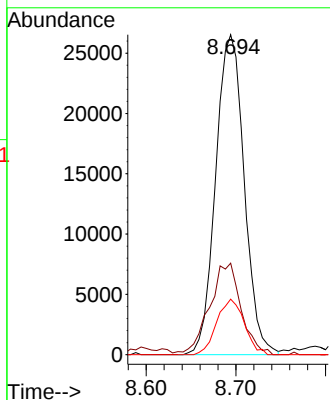
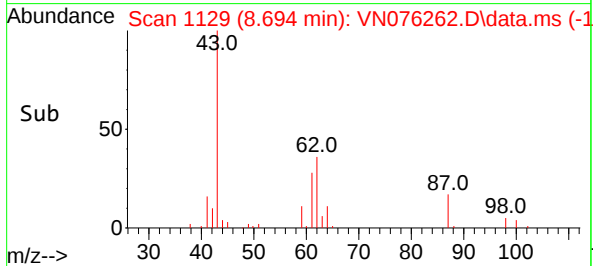
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



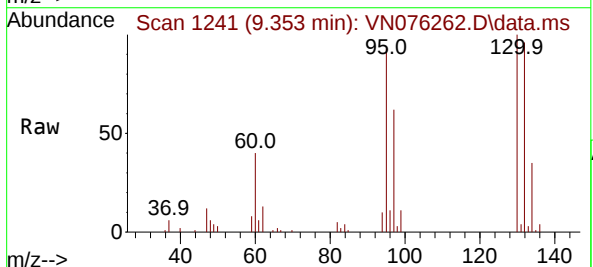
Tgt Ion: 43 Resp: 58570  
Ion Ratio Lower Upper  
43 100  
61 31.3 23.5 35.3  
87 16.7 13.8 20.6

Manual Integrations  
APPROVED

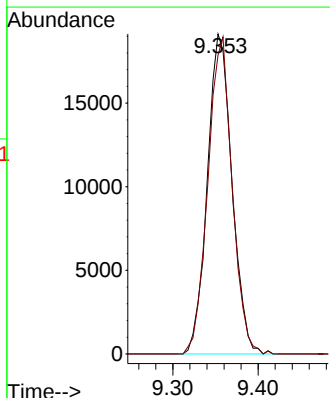
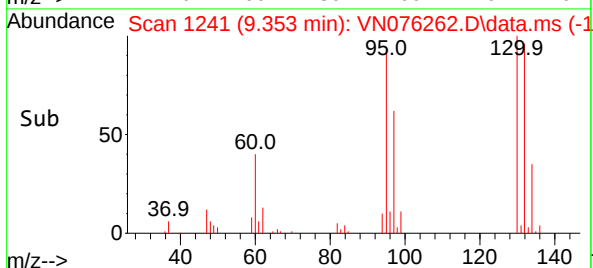
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

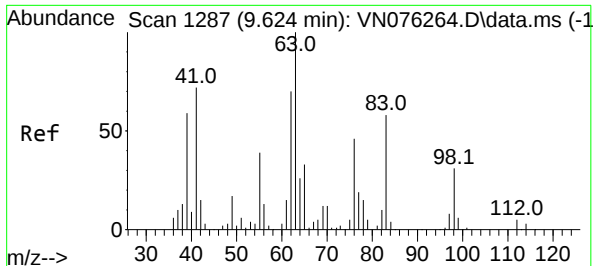


#44  
Trichloroethene  
Concen: 10.031 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion:130 Resp: 38467  
Ion Ratio Lower Upper  
130 100  
95 93.4 0.0 192.0





#45

1,2-Dichloropropane

Concen: 9.929 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 3252

Ion Ratio Lower Upper

63 100

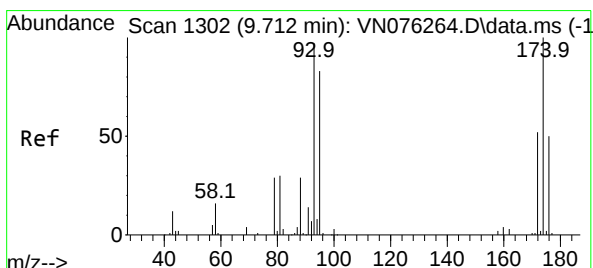
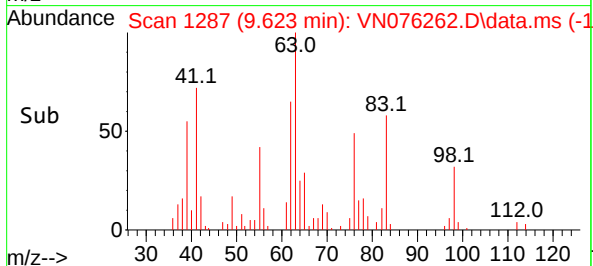
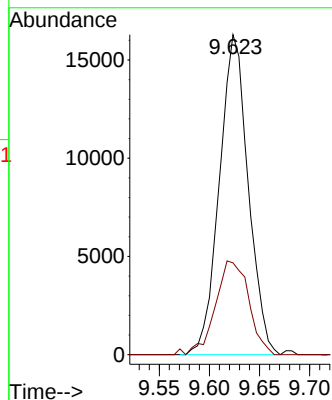
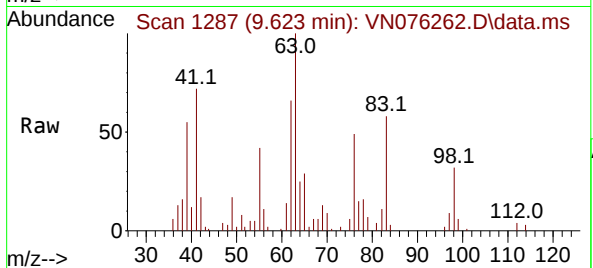
65 28.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#46

Dibromomethane

Concen: 9.915 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

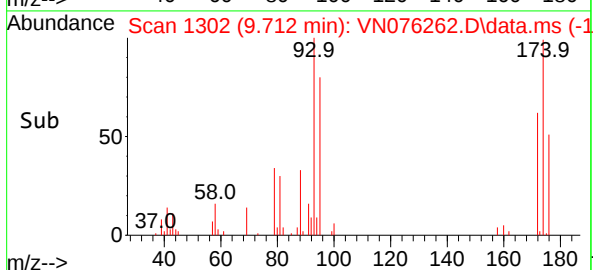
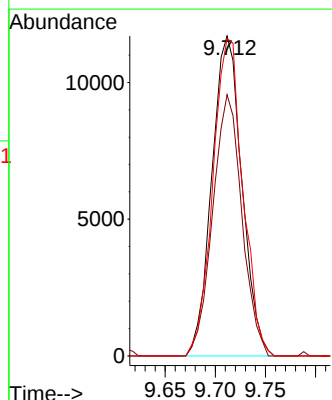
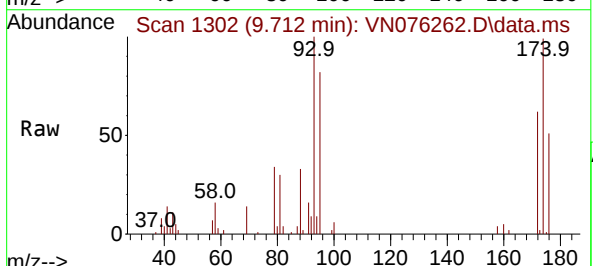
Tgt Ion: 93 Resp: 24351

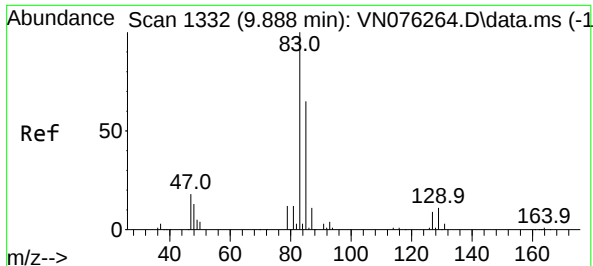
Ion Ratio Lower Upper

93 100

95 79.3 66.0 99.0

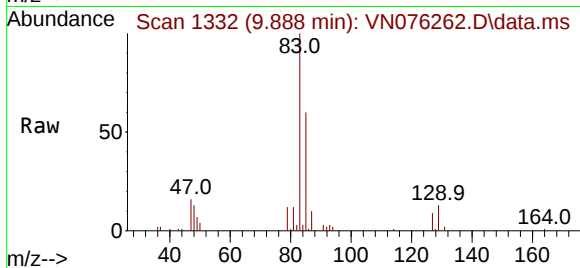
174 98.9 81.3 121.9





#47  
Bromodichloromethane  
Concen: 9.985 ug/l  
RT: 9.888 min Scan# 1332  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

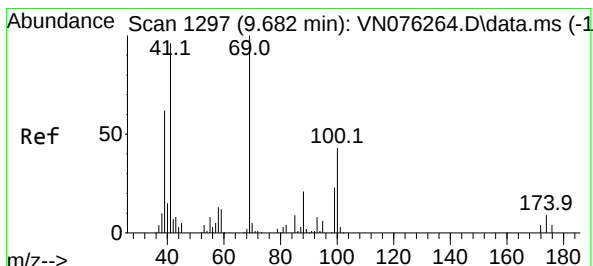
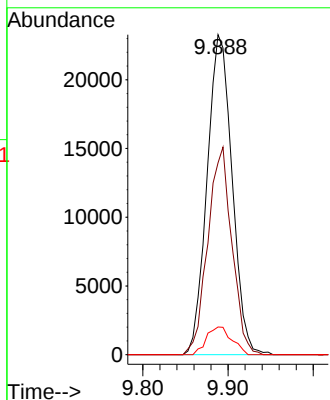
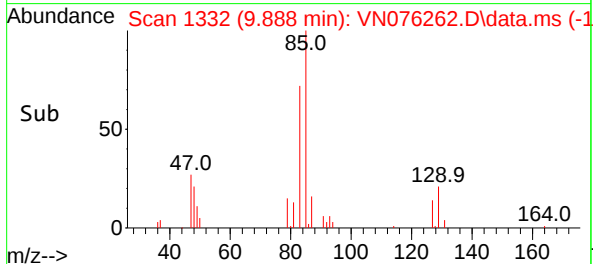
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



Tgt Ion: 83 Resp: 47459  
Ion Ratio Lower Upper  
83 100  
85 59.9 52.1 78.1  
127 8.7 7.4 11.0

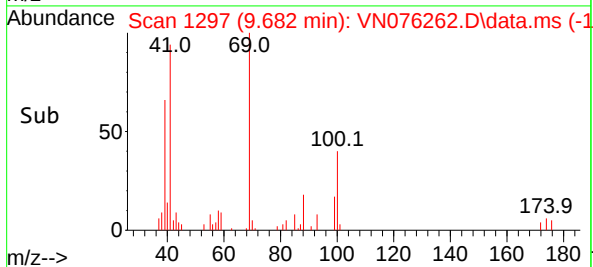
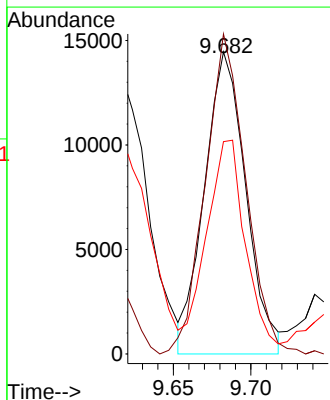
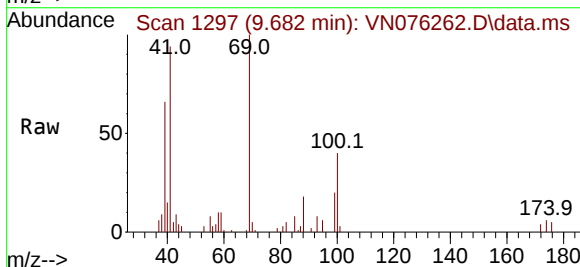
Manual Integrations  
APPROVED

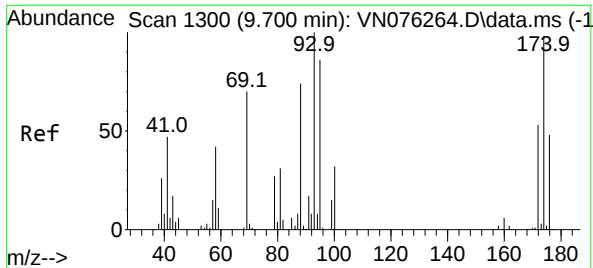
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#48  
Methyl methacrylate  
Concen: 9.851 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 41 Resp: 26795  
Ion Ratio Lower Upper  
41 100  
69 103.9 80.8 121.2  
39 67.8 54.4 81.6





#49

1,4-Dioxane

Concen: 197.159 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion: 88 Resp: 11604

Ion Ratio Lower Upper

88 100

43 0.0 18.1 27.1

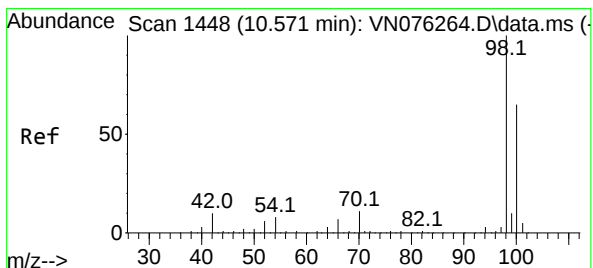
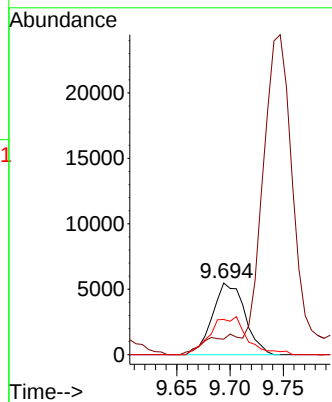
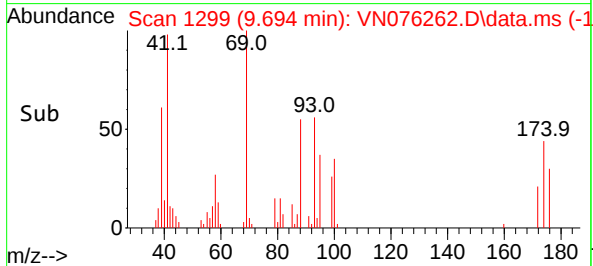
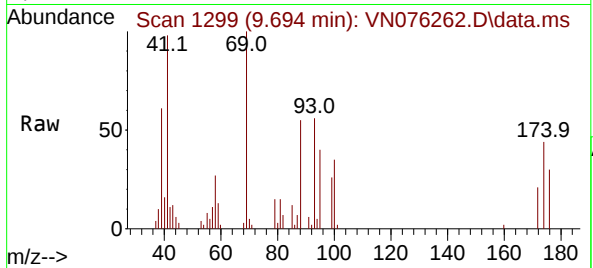
58 59.8 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#50

Toluene-d8

Concen: 9.193 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076262.D

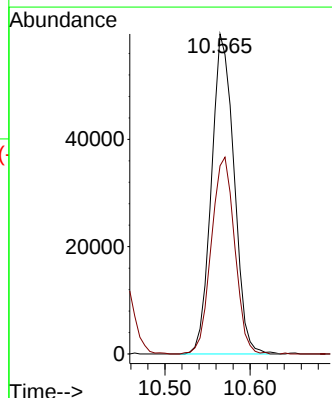
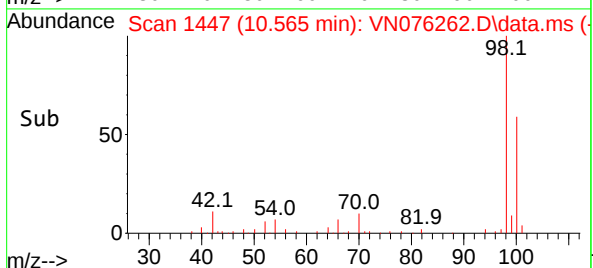
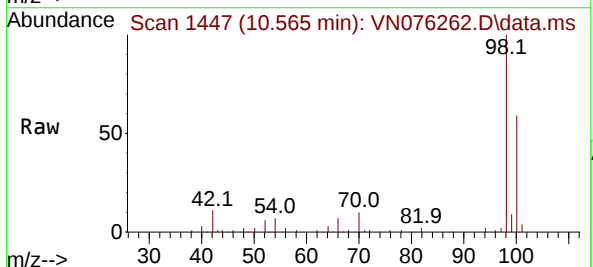
Acq: 16 Jan 2023 11:18

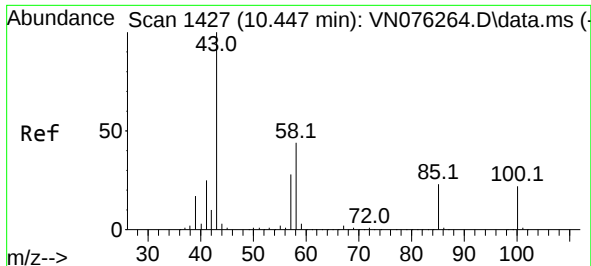
Tgt Ion: 98 Resp: 109806

Ion Ratio Lower Upper

98 100

100 63.6 52.2 78.4





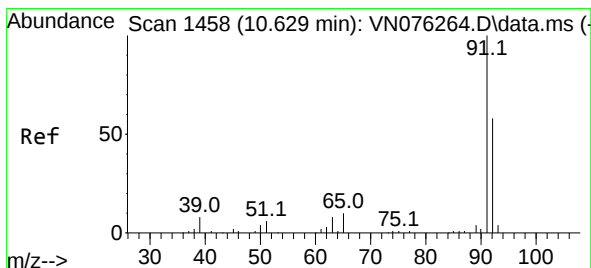
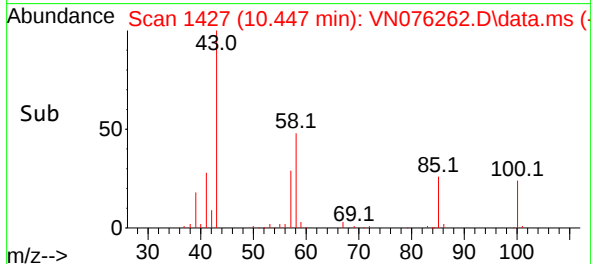
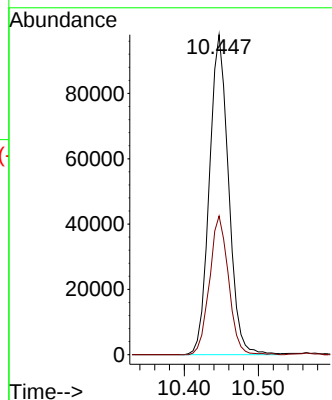
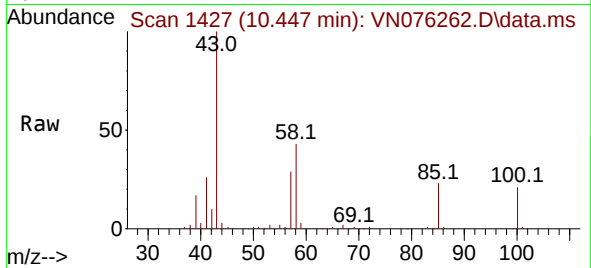
#51  
4-Methyl-2-Pentanone  
Concen: 50.473 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 43 Resp: 17641  
Ion Ratio Lower Upper  
43 100  
58 42.9 35.1 52.7

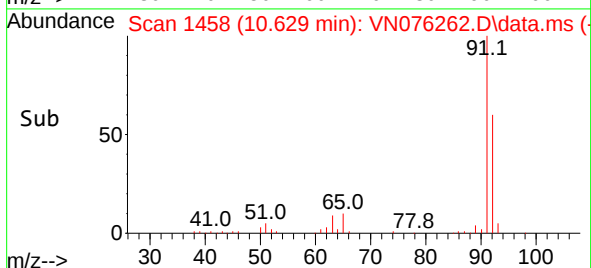
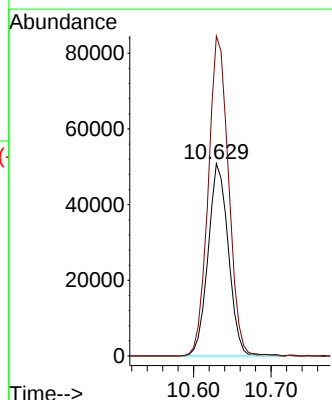
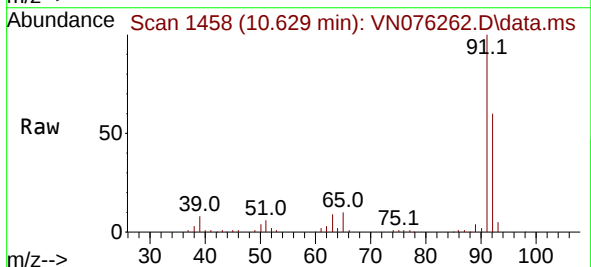
Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#52  
Toluene  
Concen: 10.255 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 92 Resp: 92447  
Ion Ratio Lower Upper  
92 100  
91 166.2 136.6 205.0





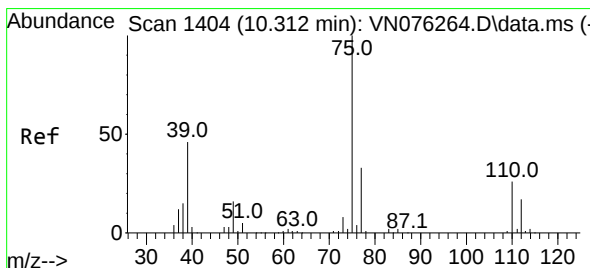
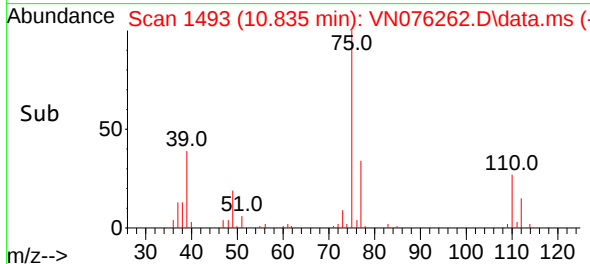
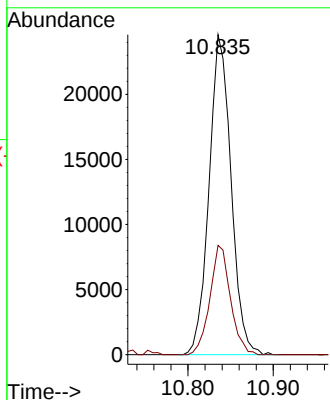
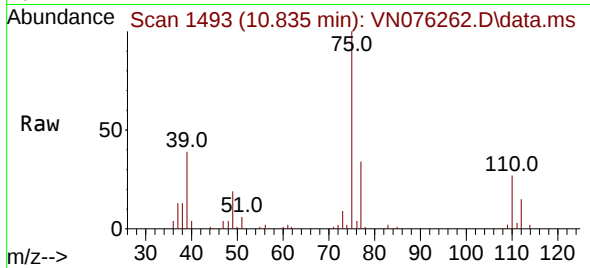
#53  
t-1,3-Dichloropropene  
Concen: 9.714 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 75 Resp: 4406  
Ion Ratio Lower Upper  
75 100  
77 34.1 25.8 38.6

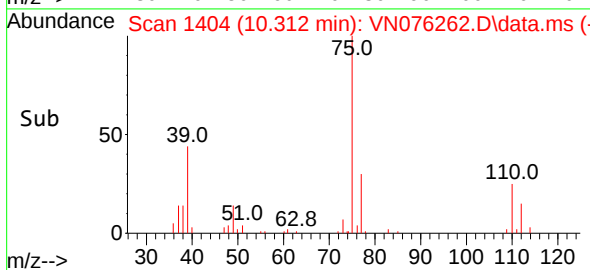
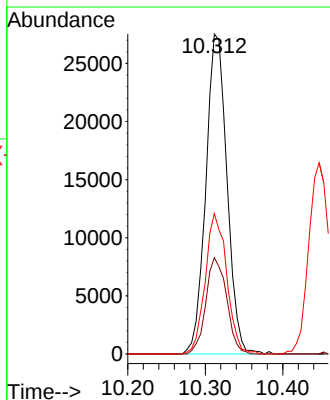
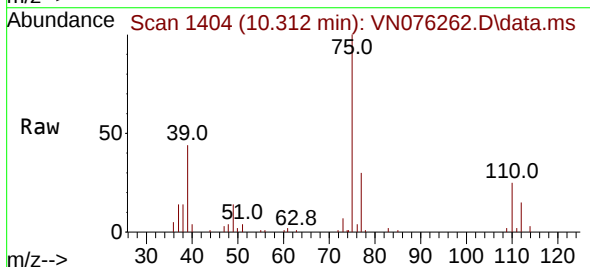
Manual Integrations  
APPROVED

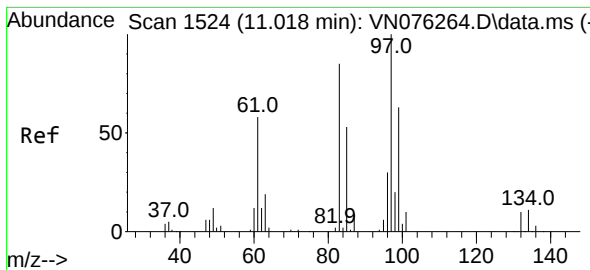
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#54  
cis-1,3-Dichloropropene  
Concen: 10.133 ug/l  
RT: 10.312 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

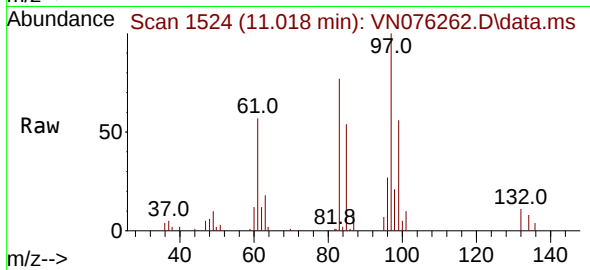
Tgt Ion: 75 Resp: 52278  
Ion Ratio Lower Upper  
75 100  
77 30.1 26.5 39.7  
39 43.9 37.1 55.7





#55  
1,1,2-Trichloroethane  
Concen: 10.151 ug/l  
RT: 11.018 min Scan# 1524  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

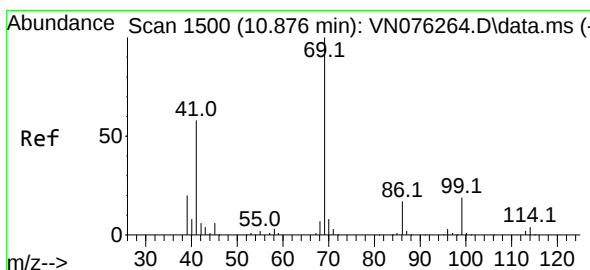
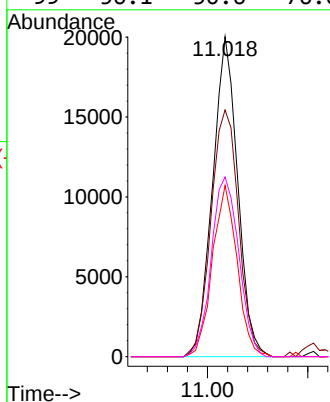
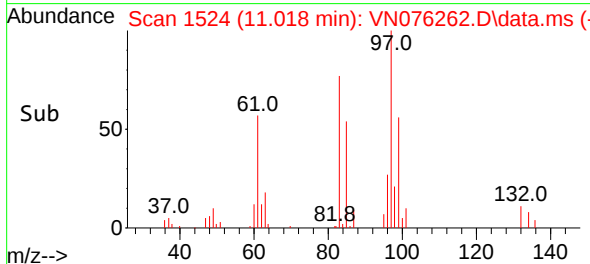


Tgt Ion: 97 Resp: 3478

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 77.1  | 67.8  | 101.6 |
| 85  | 53.5  | 42.3  | 63.5  |
| 99  | 56.1  | 50.6  | 76.0  |

Manual Integrations  
APPROVED

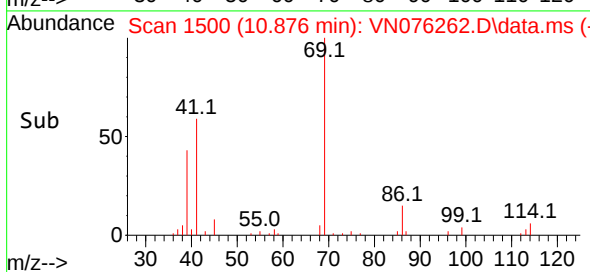
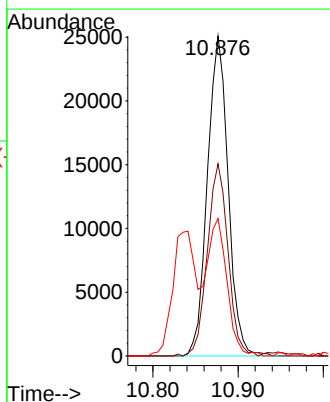
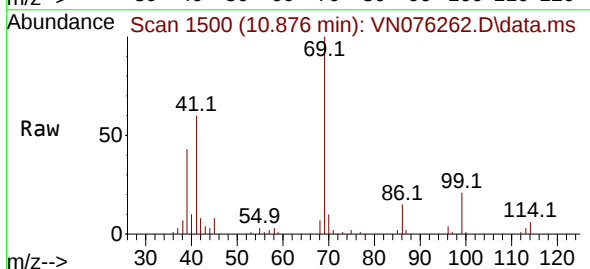
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

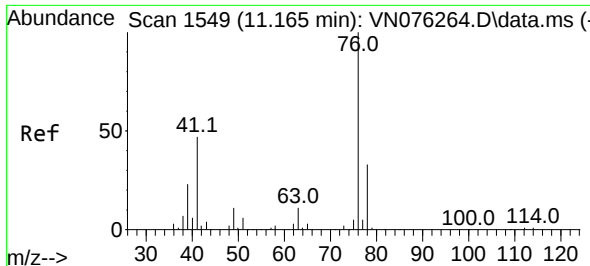


#56  
Ethyl methacrylate  
Concen: 9.481 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 69 Resp: 42444

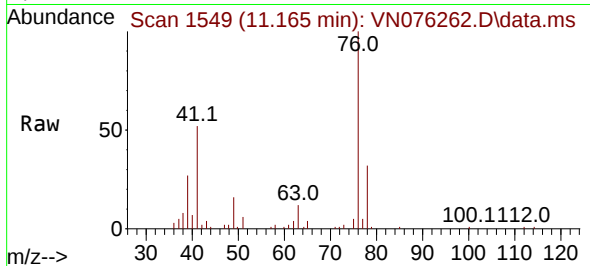
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 59.8  | 45.3  | 67.9  |
| 39  | 43.0  | 29.3  | 43.9  |





#57  
1,3-Dichloropropane  
Concen: 10.139 ug/l  
RT: 11.165 min Scan# 1549  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

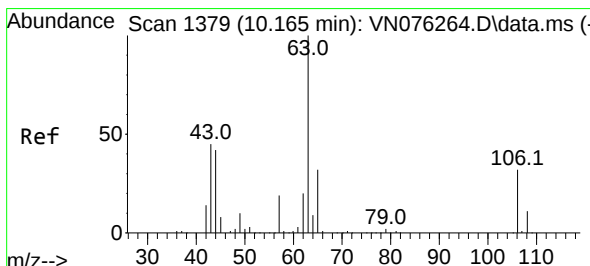
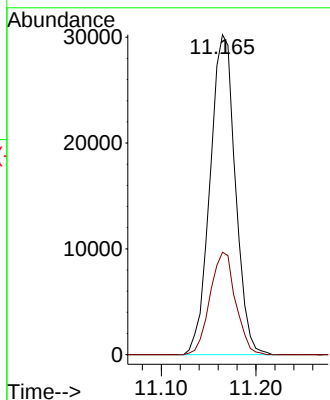
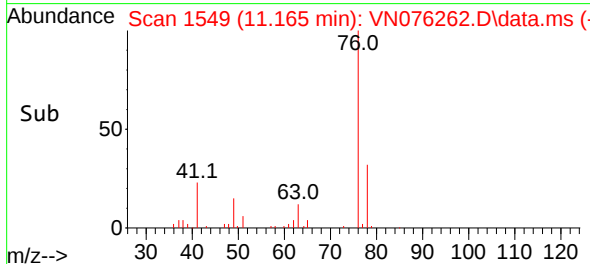
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



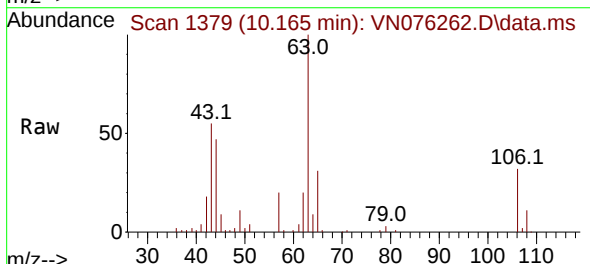
Tgt Ion: 76 Resp: 5610  
Ion Ratio Lower Upper  
76 100  
78 32.4 26.4 39.6

Manual Integrations  
APPROVED

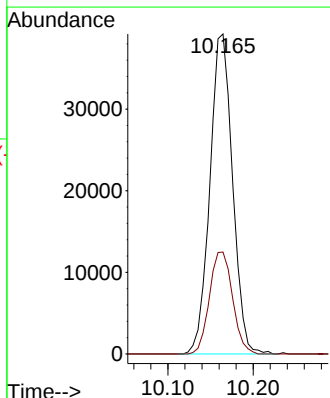
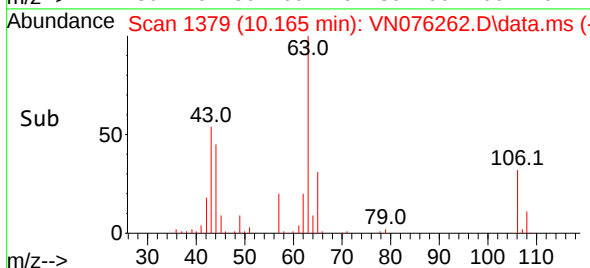
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

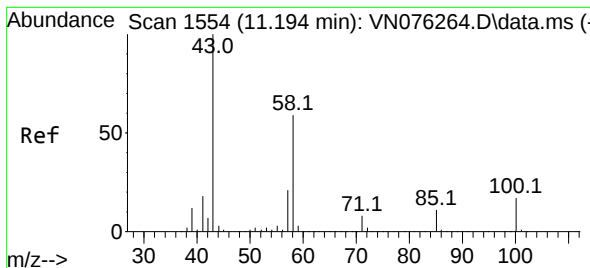


#58  
2-Chloroethyl Vinyl ether  
Concen: 48.184 ug/l  
RT: 10.165 min Scan# 1379  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



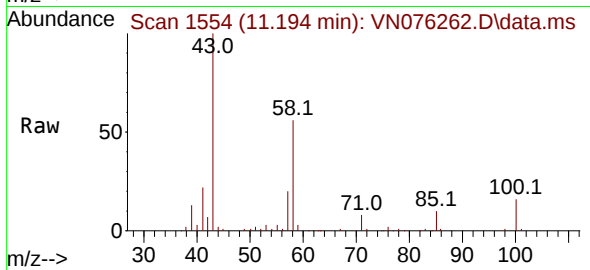
Tgt Ion: 63 Resp: 72411  
Ion Ratio Lower Upper  
63 100  
106 32.5 26.2 39.2





#59  
2-Hexanone  
Concen: 49.680 ug/l  
RT: 11.194 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

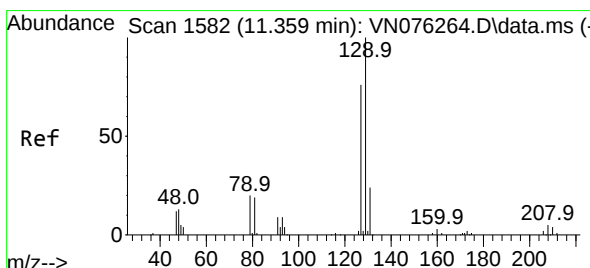
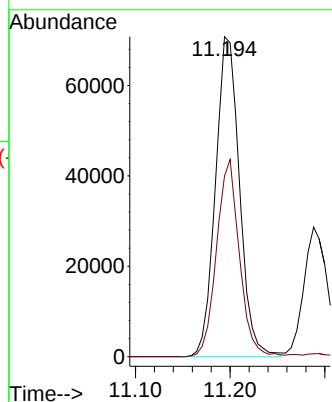
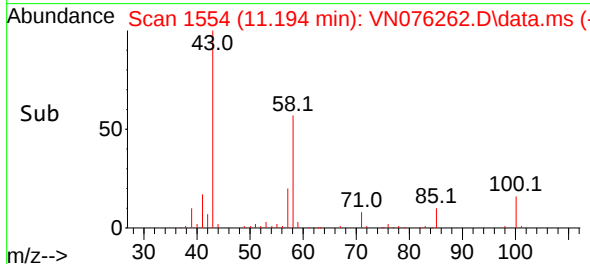
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



Tgt Ion: 43 Resp: 124902  
Ion Ratio Lower Upper  
43 100  
58 58.5 30.1 90.3

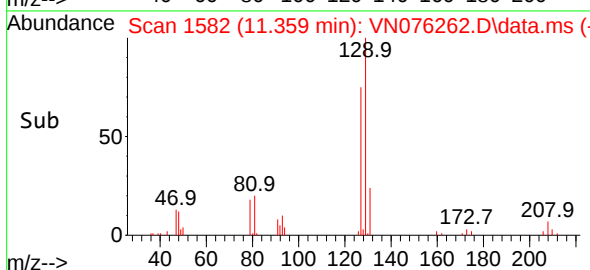
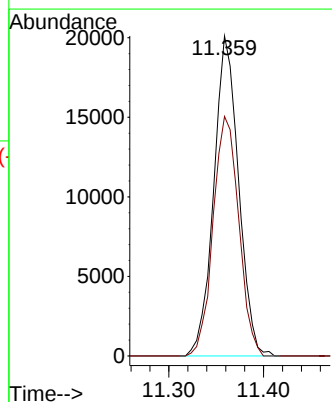
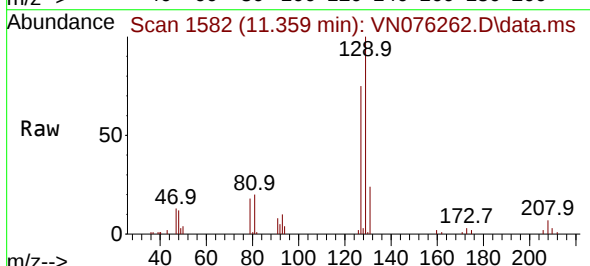
Manual Integrations  
APPROVED

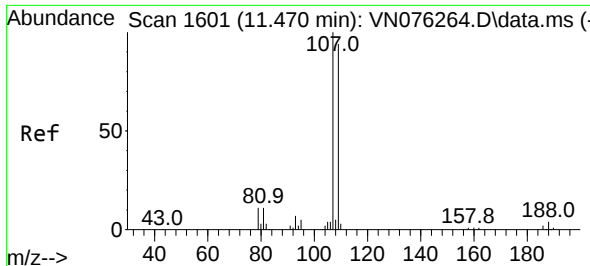
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#60  
Dibromochloromethane  
Concen: 9.758 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

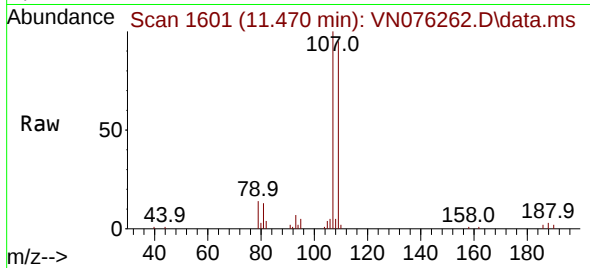
Tgt Ion:129 Resp: 36578  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1





#61  
1,2-Dibromoethane  
Concen: 10.138 ug/l  
RT: 11.470 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

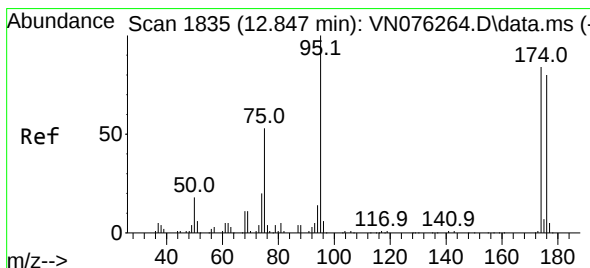
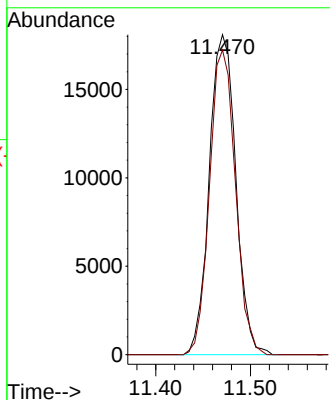
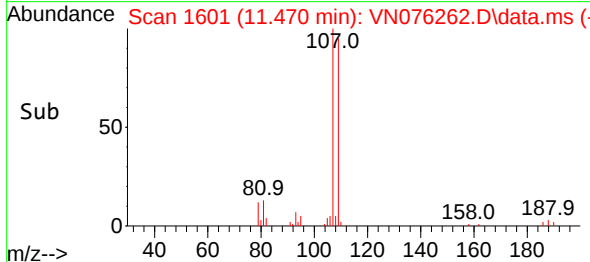
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



Tgt Ion:107 Resp: 3518  
Ion Ratio Lower Upper  
107 100  
109 92.8 76.0 114.0

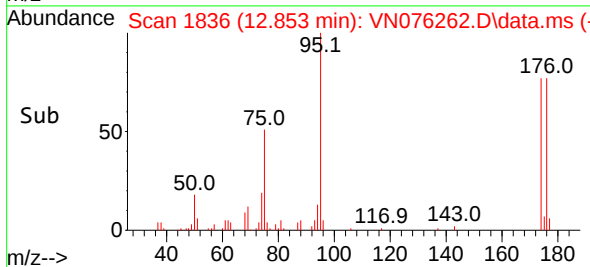
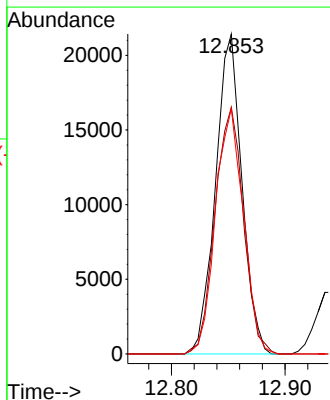
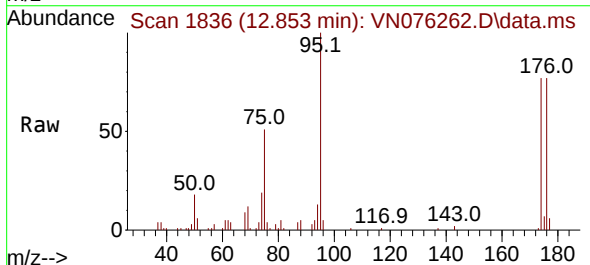
Manual Integrations  
APPROVED

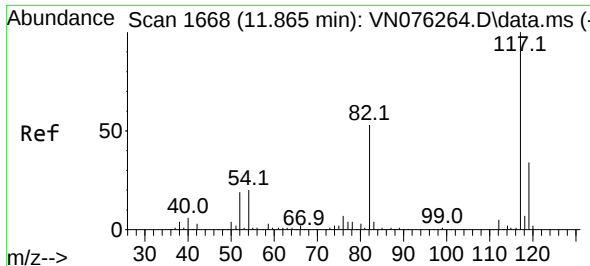
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#62  
4-Bromofluorobenzene  
Concen: 8.857 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

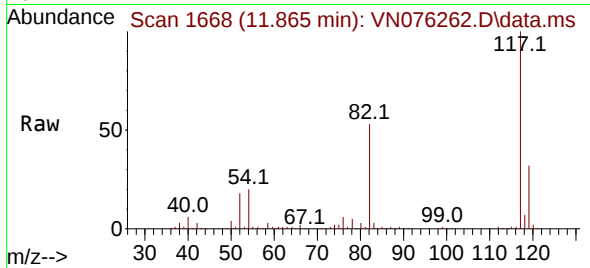
Tgt Ion: 95 Resp: 34536  
Ion Ratio Lower Upper  
95 100  
174 83.3 0.0 174.6  
176 81.3 0.0 167.8





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

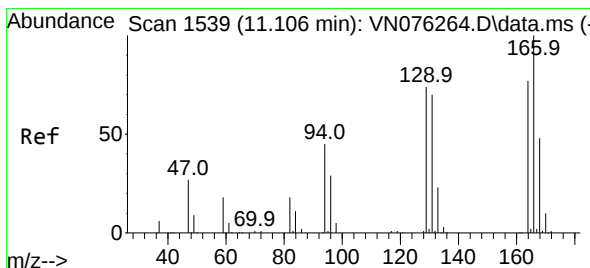
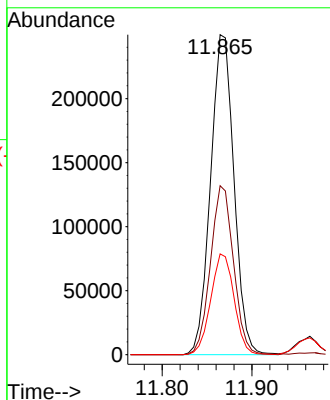
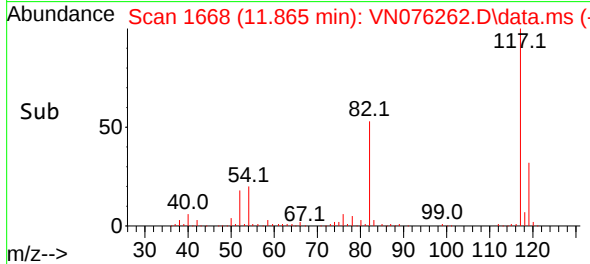
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010



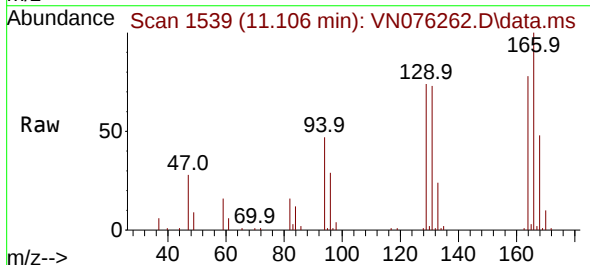
Tgt Ion:117 Resp: 45378  
Ion Ratio Lower Upper  
117 100  
82 52.8 42.2 63.2  
119 31.5 26.9 40.3

Manual Integrations  
APPROVED

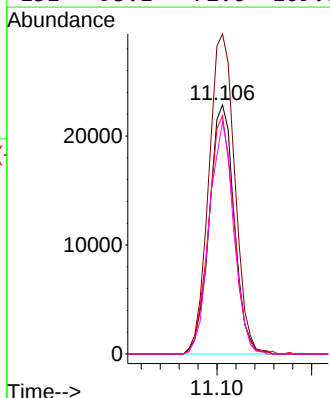
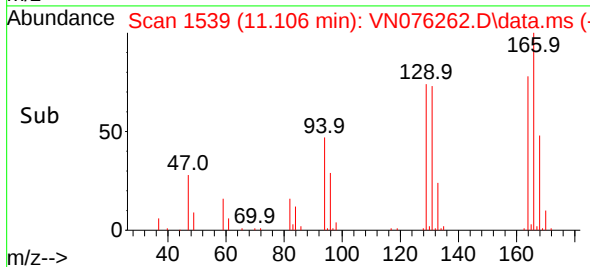
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

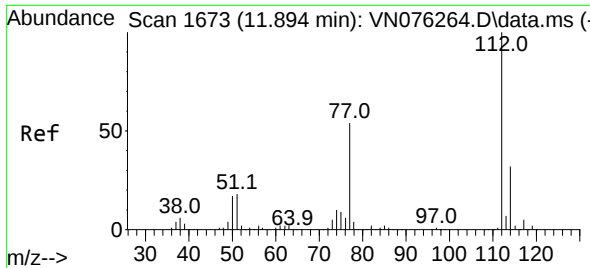


#64  
Tetrachloroethene  
Concen: 10.419 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion:164 Resp: 41762  
Ion Ratio Lower Upper  
164 100  
166 128.5 104.0 156.0  
129 95.6 76.6 114.8  
131 93.1 72.6 109.0





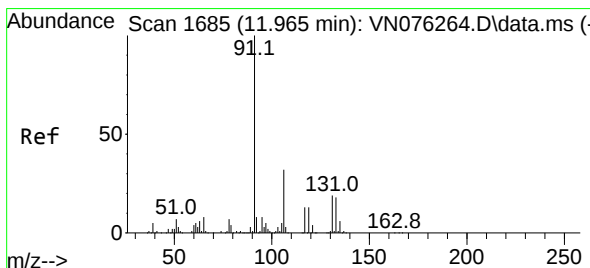
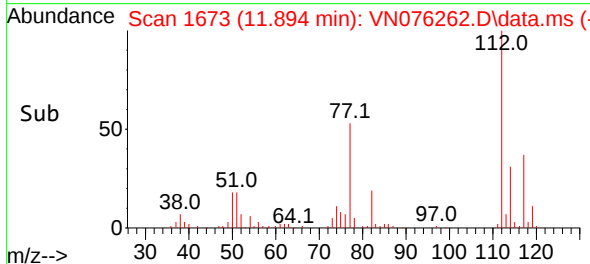
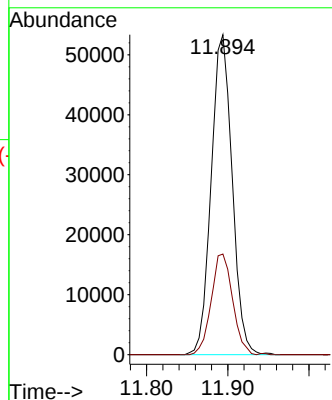
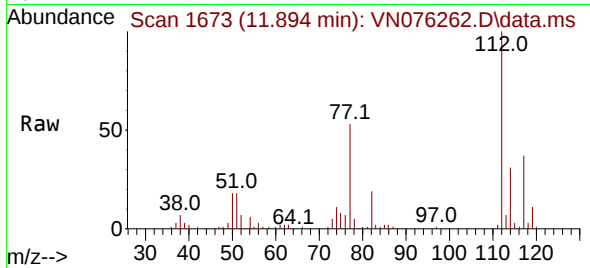
#65  
Chlorobenzene  
Concen: 10.069 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:112 Resp: 9569  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.3 37.9

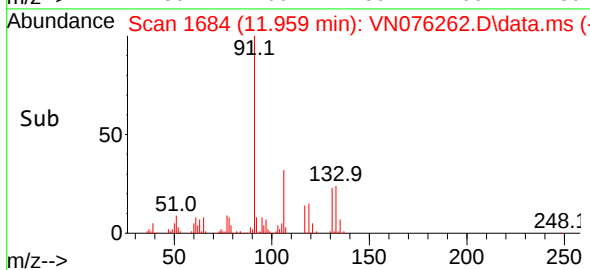
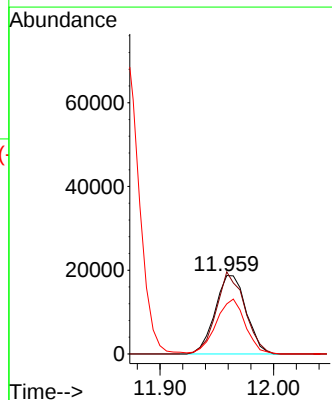
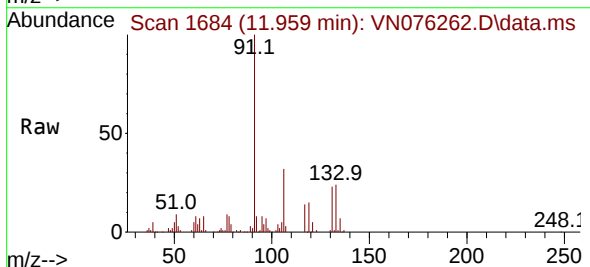
Manual Integrations  
APPROVED

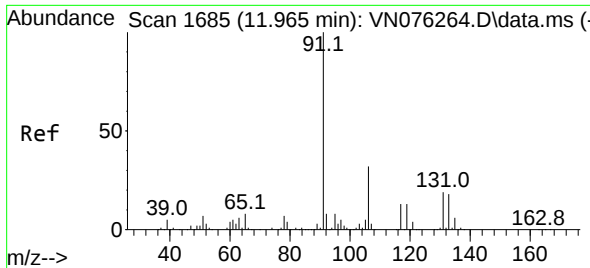
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#66  
1,1,1,2-Tetrachloroethane  
Concen: 10.065 ug/l  
RT: 11.959 min Scan# 1684  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion:131 Resp: 35576  
Ion Ratio Lower Upper  
131 100  
133 95.8 47.4 142.2  
119 65.9 32.3 96.8





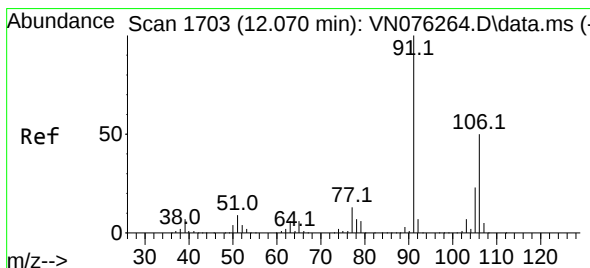
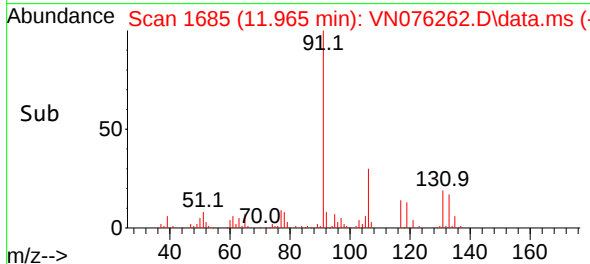
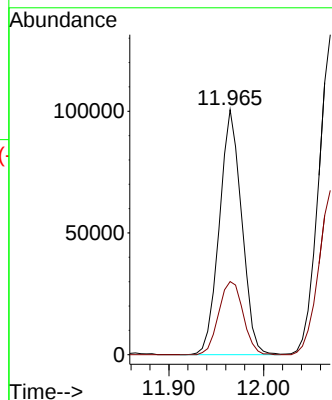
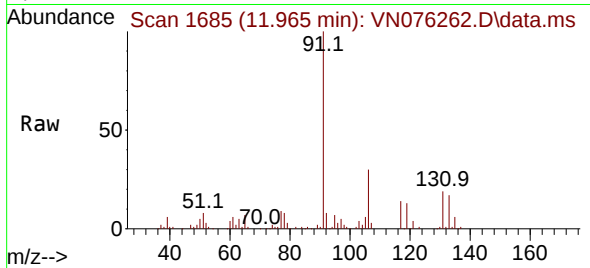
#67  
Ethyl Benzene  
Concen: 10.111 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 91 Resp: 165217  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.5 38.3

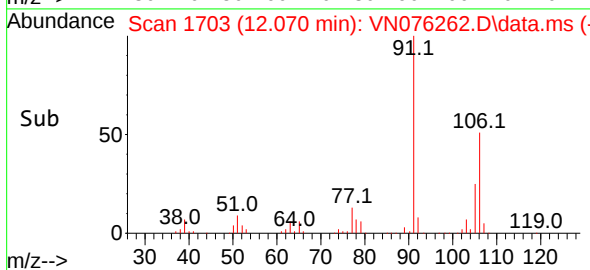
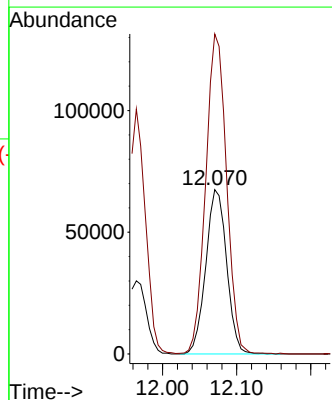
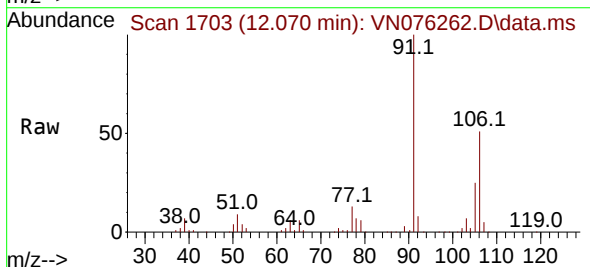
Manual Integrations  
APPROVED

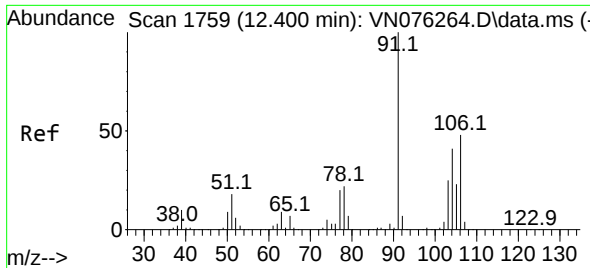
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#68  
m/p-Xylenes  
Concen: 20.442 ug/l  
RT: 12.070 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion:106 Resp: 131940  
Ion Ratio Lower Upper  
106 100  
91 194.7 157.5 236.3





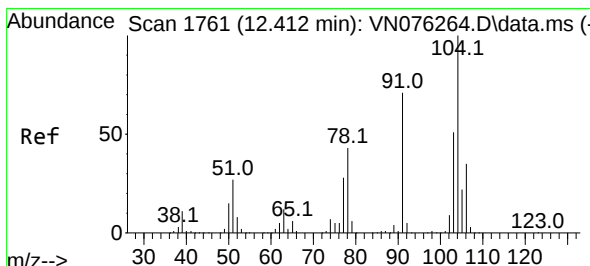
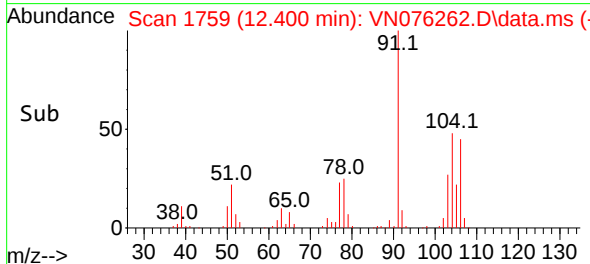
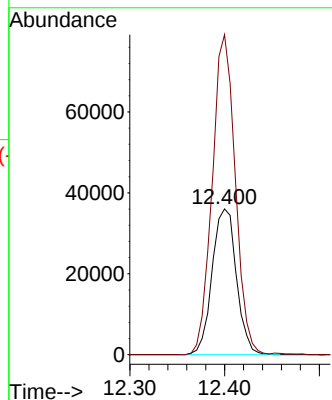
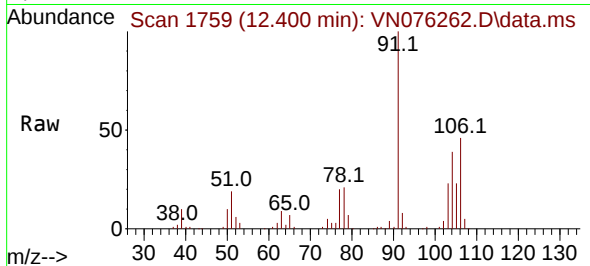
#69  
o-Xylene  
Concen: 10.127 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:106 Resp: 64085  
Ion Ratio Lower Upper  
106 100  
91 208.6 103.2 309.4

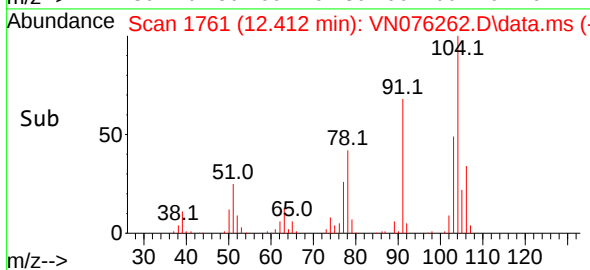
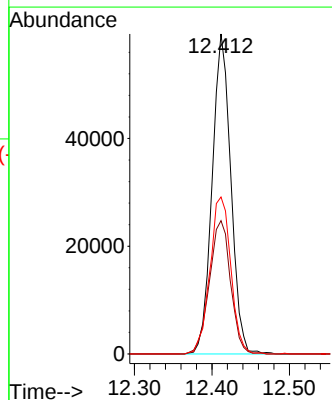
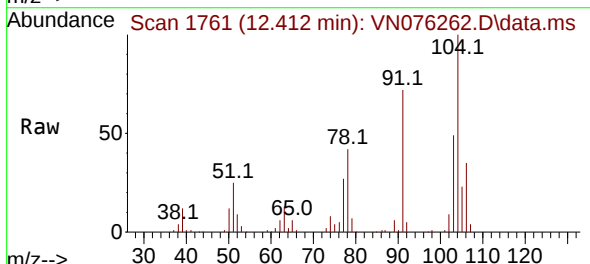
Manual Integrations  
APPROVED

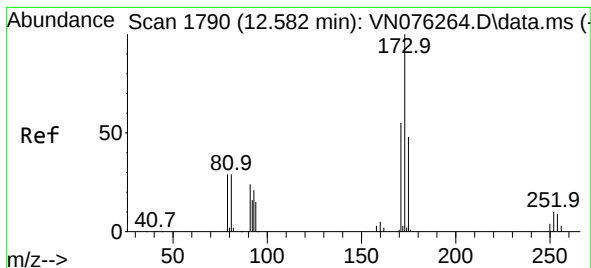
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#70  
Styrene  
Concen: 9.940 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion:104 Resp: 99564  
Ion Ratio Lower Upper  
104 100  
78 47.1 37.4 56.0  
103 54.8 44.2 66.2





#71

Bromoform

Concen: 9.585 ug/l

RT: 12.576 min Scan# 1790

Delta R.T. -0.006 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

Tgt Ion:173 Resp: 24549

Ion Ratio Lower Upper

173 100

175 50.0 24.1 72.4

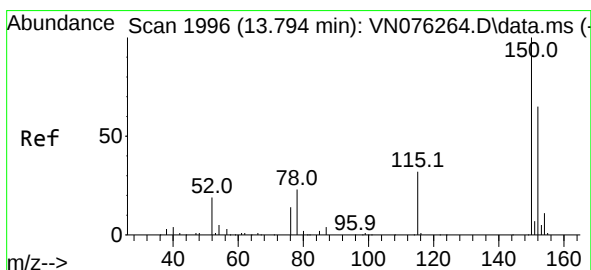
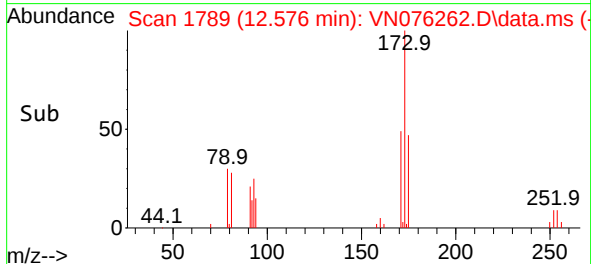
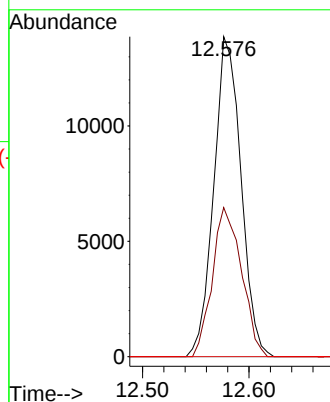
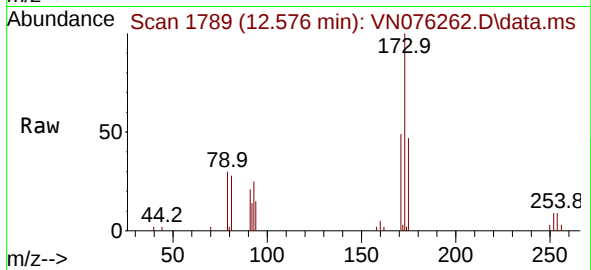
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

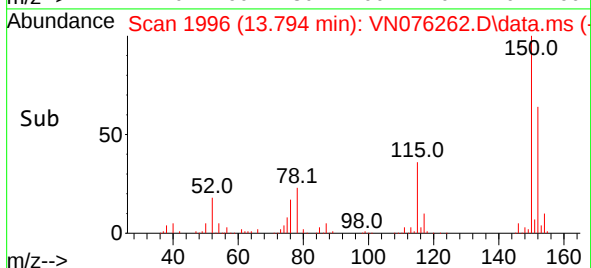
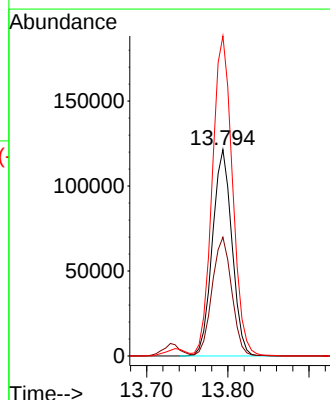
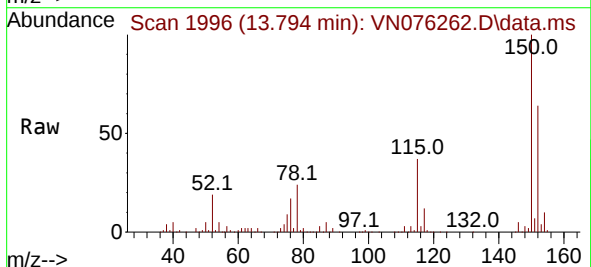
Tgt Ion:152 Resp: 202701

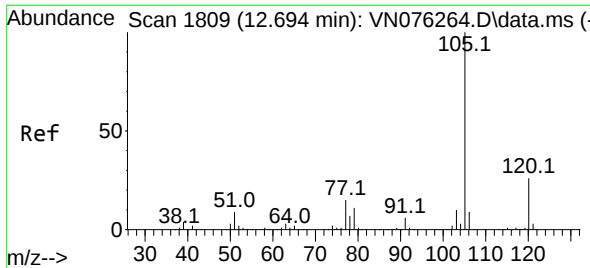
Ion Ratio Lower Upper

152 100

115 57.8 29.6 88.9

150 160.5 0.0 351.4





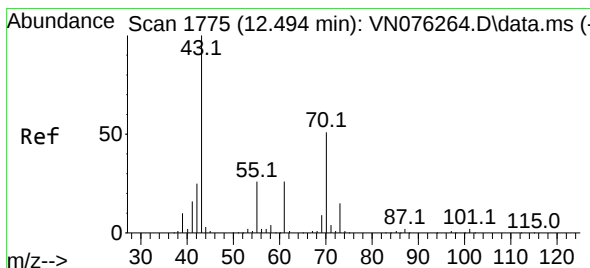
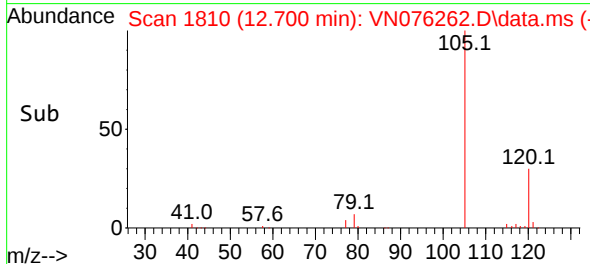
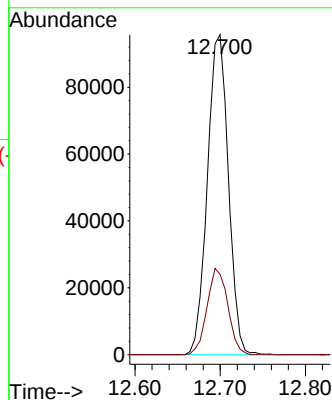
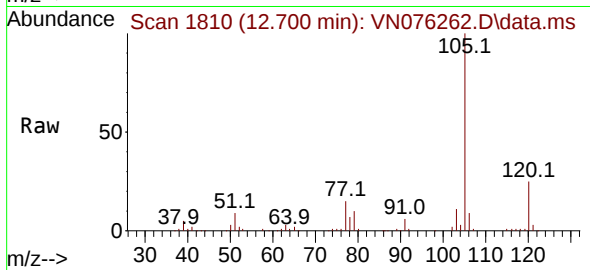
#73  
Isopropylbenzene  
Concen: 10.592 ug/l  
RT: 12.700 min Scan# 1809  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:105 Resp: 163800  
Ion Ratio Lower Upper  
105 100  
120 26.6 13.4 40.1

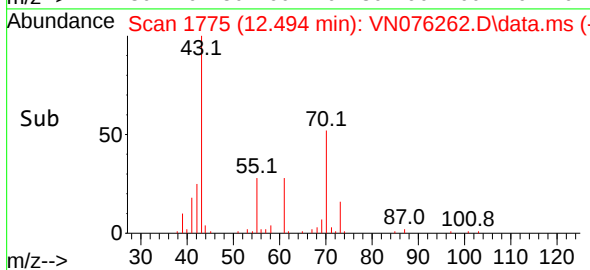
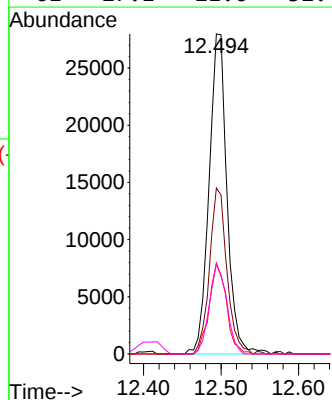
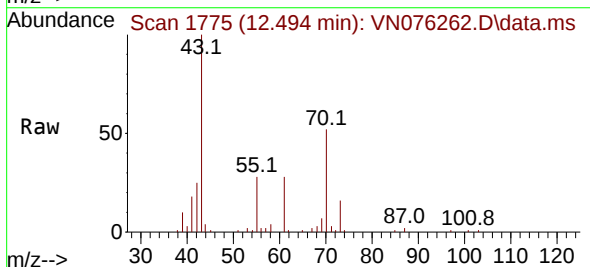
Manual Integrations  
APPROVED

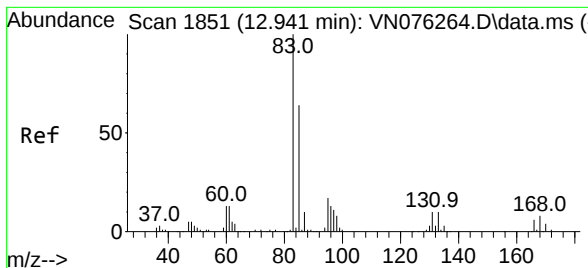
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#74  
N-ethyl acetate  
Concen: 10.336 ug/l  
RT: 12.494 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 43 Resp: 45088  
Ion Ratio Lower Upper  
43 100  
70 50.3 41.2 61.8  
55 27.3 21.0 31.6  
61 27.1 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 9.625 ug/l

RT: 12.941 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

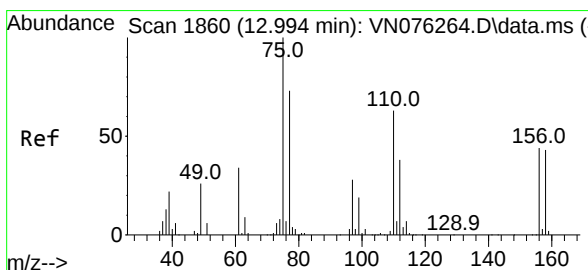
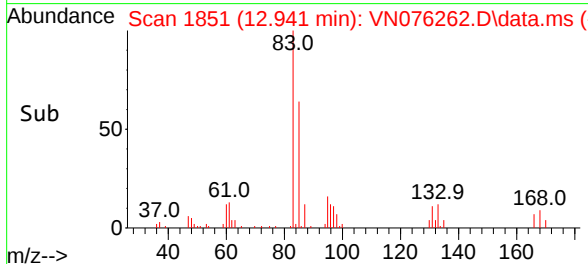
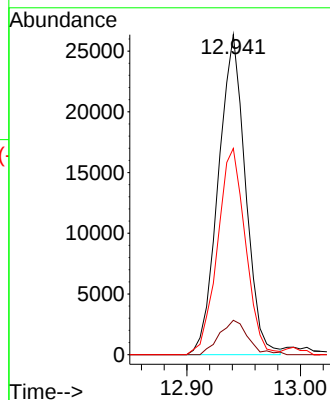
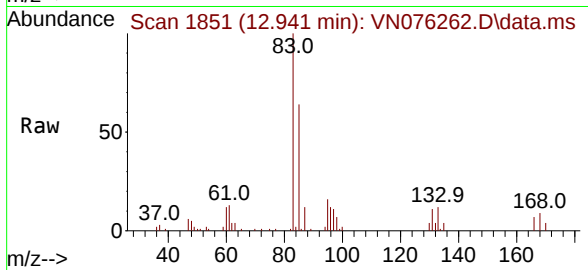
Tgt Ion: 83 Resp: 4374  
 Ion Ratio Lower Upper  
 83 100  
 131 11.4 5.5 16.4  
 85 66.5 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#76

1,2,3-Trichloropropane

Concen: 8.245 ug/l m

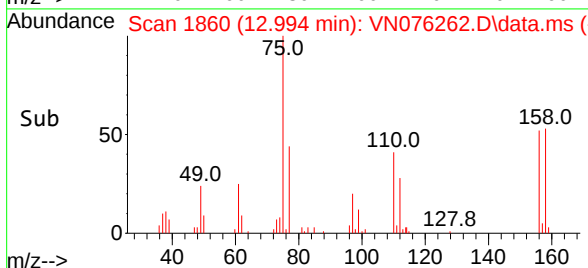
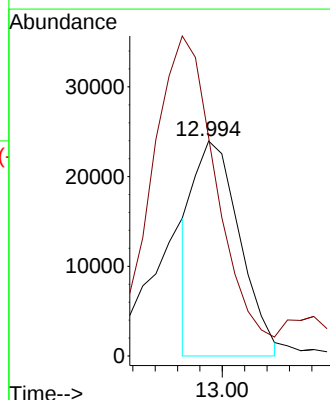
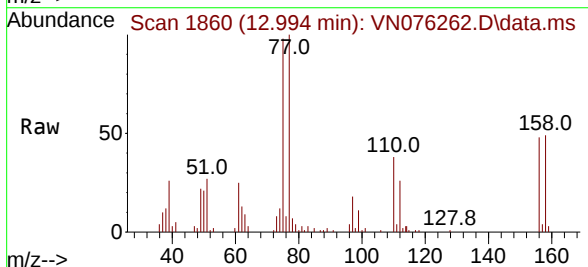
RT: 12.994 min Scan# 1860

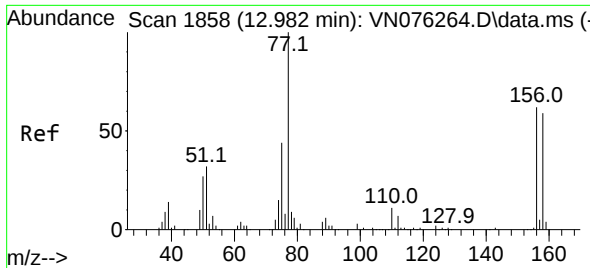
Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion: 75 Resp: 34391  
 Ion Ratio Lower Upper  
 75 100  
 77 212.0 75.2 225.6





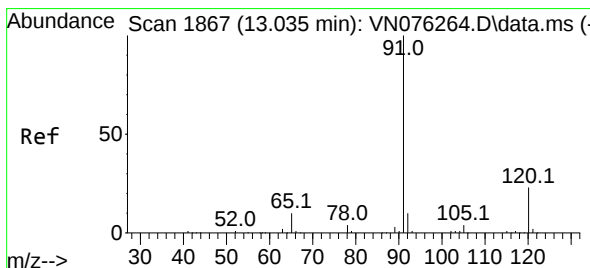
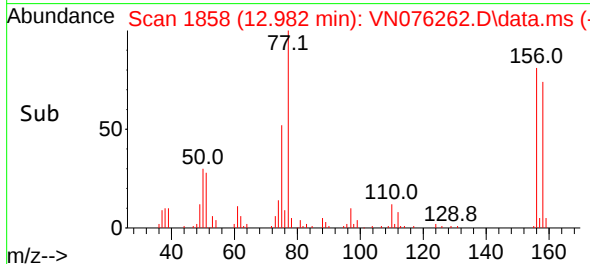
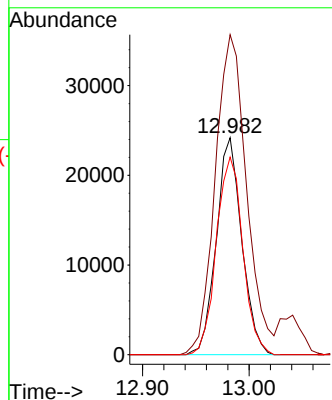
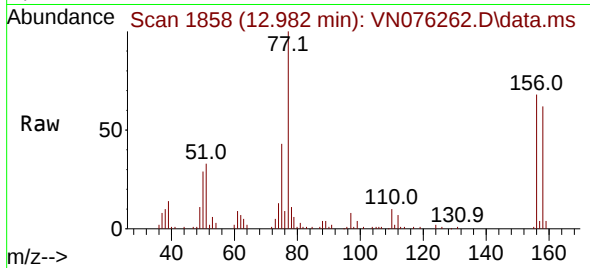
#77  
Bromobenzene  
Concen: 10.397 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion:156 Resp: 40112  
Ion Ratio Lower Upper  
156 100  
77 181.8 93.4 280.2  
158 94.8 48.4 145.2

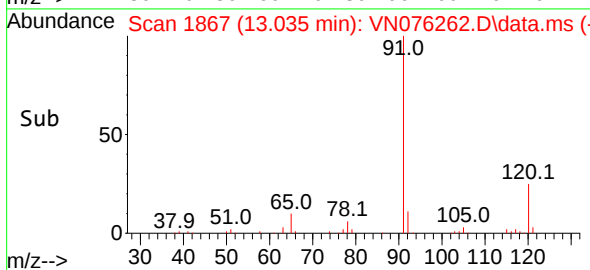
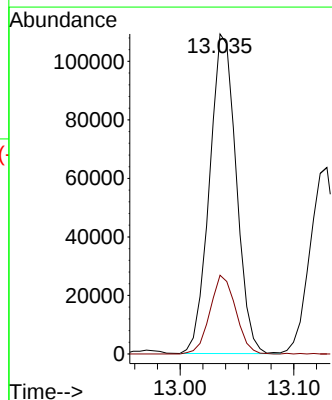
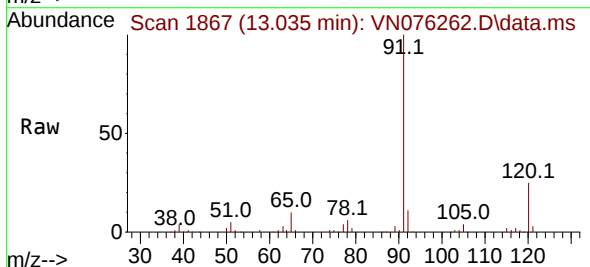
Manual Integrations  
APPROVED

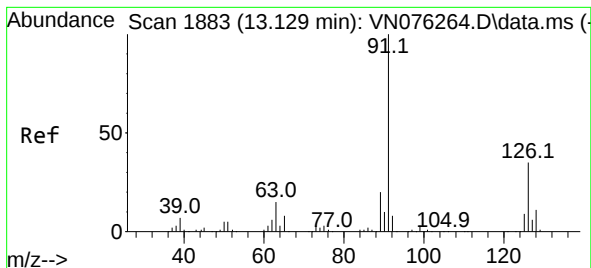
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#78  
n-propylbenzene  
Concen: 10.459 ug/l  
RT: 13.035 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 91 Resp: 178798  
Ion Ratio Lower Upper  
91 100  
120 23.6 11.9 35.5





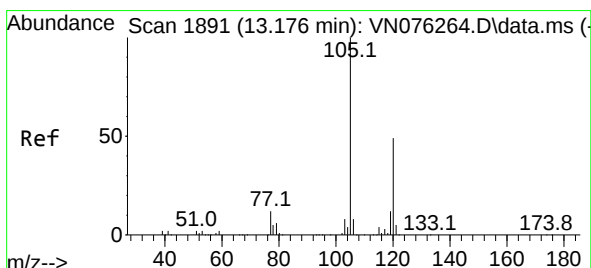
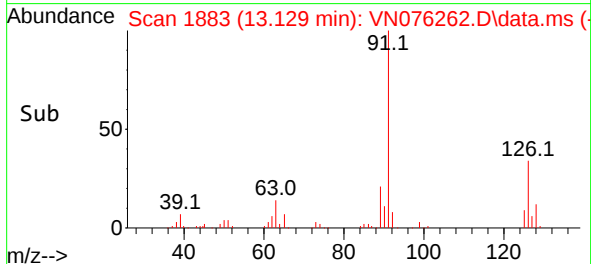
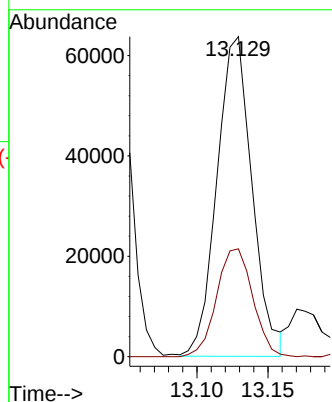
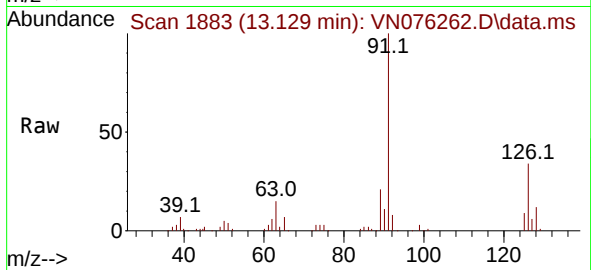
#79  
2-Chlorotoluene  
Concen: 10.296 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 91 Resp: 109634  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.4 52.2

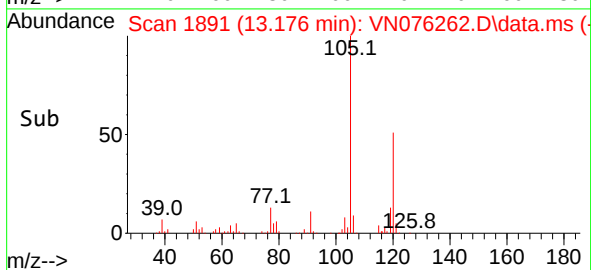
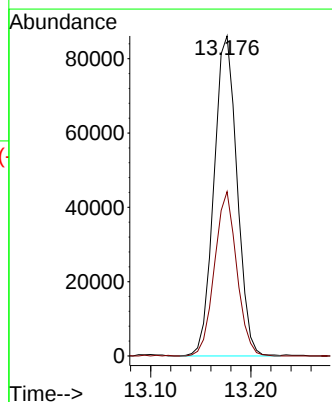
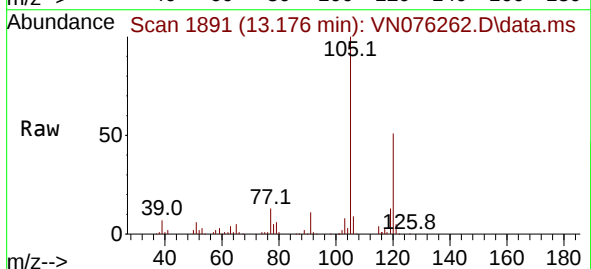
Manual Integrations  
APPROVED

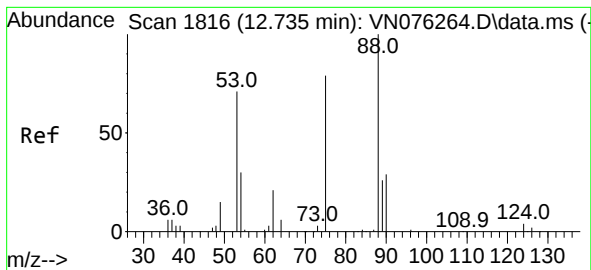
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#80  
1,3,5-Trimethylbenzene  
Concen: 10.572 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion:105 Resp: 137585  
Ion Ratio Lower Upper  
105 100  
120 49.5 25.0 75.0





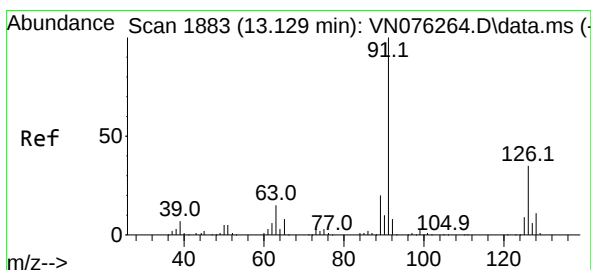
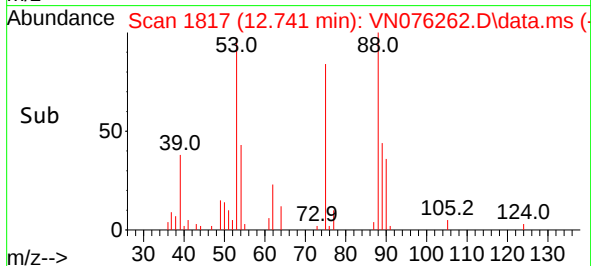
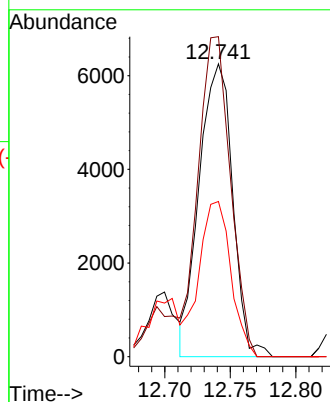
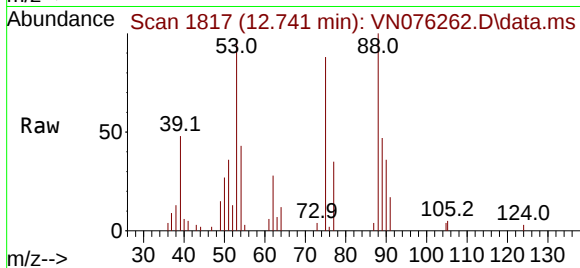
#81  
trans-1,4-Dichloro-2-butene  
Concen: 9.080 ug/l  
RT: 12.741 min Scan# 1816  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion: 75 Resp: 11062  
Ion Ratio Lower Upper  
75 100  
53 105.7 75.8 113.8  
89 51.0 37.0 55.6

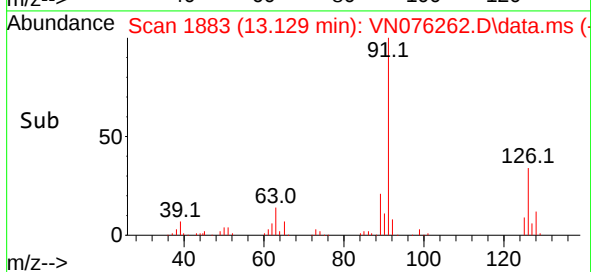
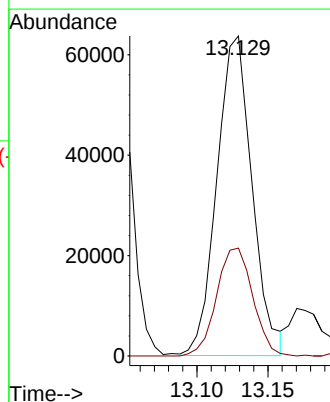
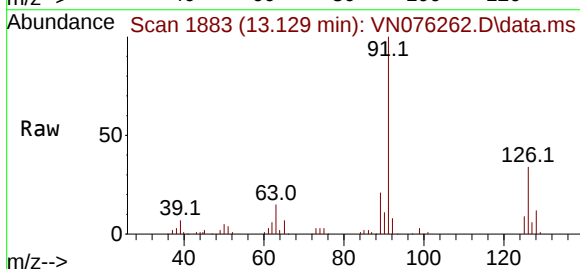
Manual Integrations  
APPROVED

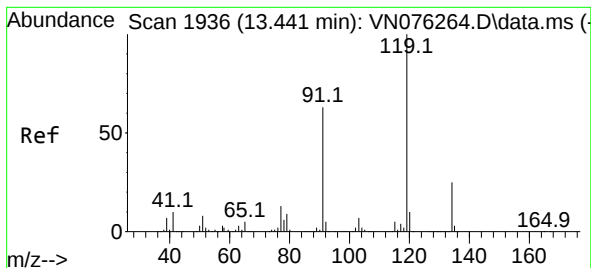
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#82  
4-Chlorotoluene  
Concen: 10.296 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

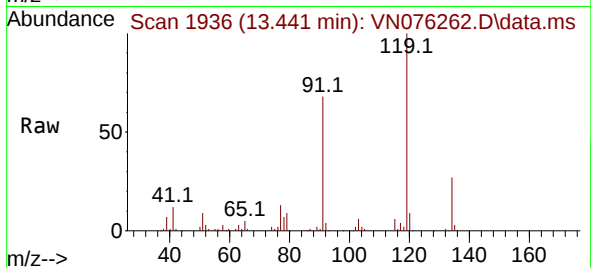
Tgt Ion: 91 Resp: 109634  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.4 52.2





#83  
tert-Butylbenzene  
Concen: 10.574 ug/l  
RT: 13.441 min Scan# 1936  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

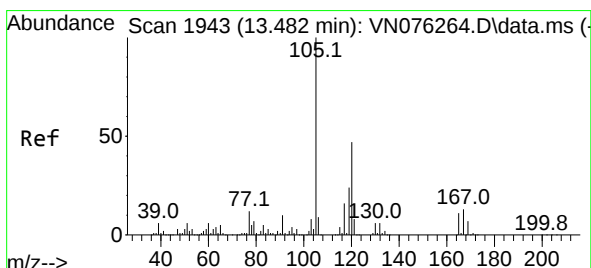
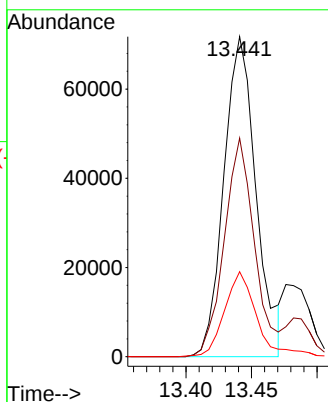
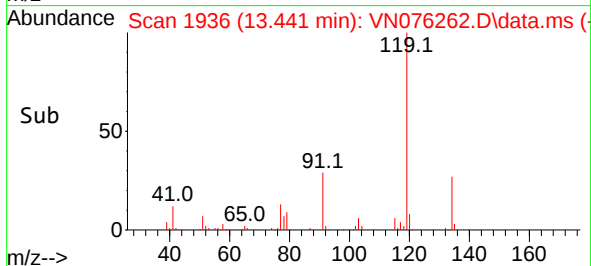
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



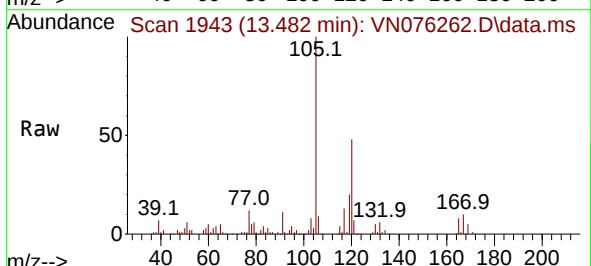
Tgt Ion:119 Resp: 12272  
Ion Ratio Lower Upper  
119 100  
91 64.2 32.2 96.6  
134 26.5 13.6 40.8

Manual Integrations  
APPROVED

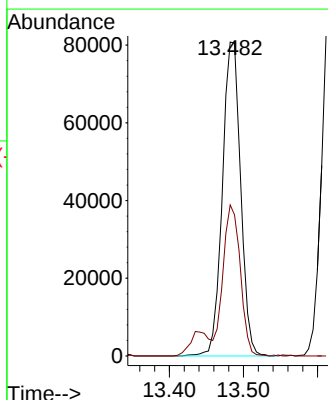
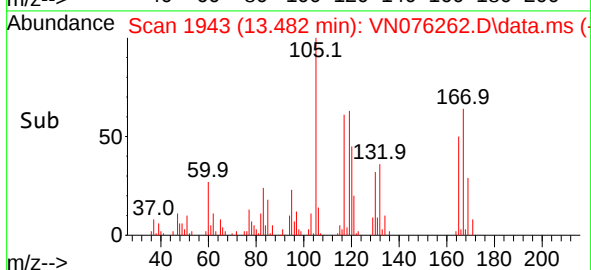
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023

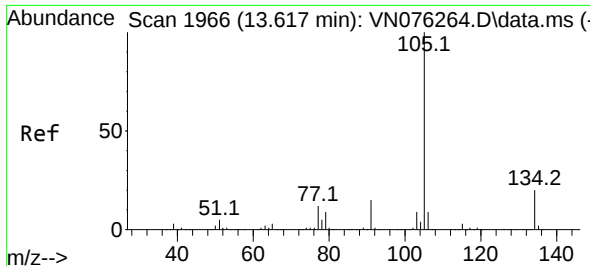


#84  
1,2,4-Trimethylbenzene  
Concen: 10.872 ug/l  
RT: 13.482 min Scan# 1943  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



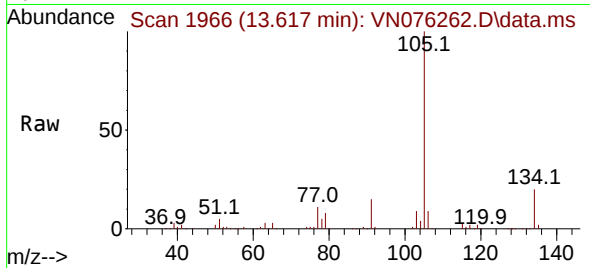
Tgt Ion:105 Resp: 138168  
Ion Ratio Lower Upper  
105 100  
120 45.3 22.9 68.5





#85  
 sec-Butylbenzene  
 Concen: 10.401 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN076262.D  
 Acq: 16 Jan 2023 11:18

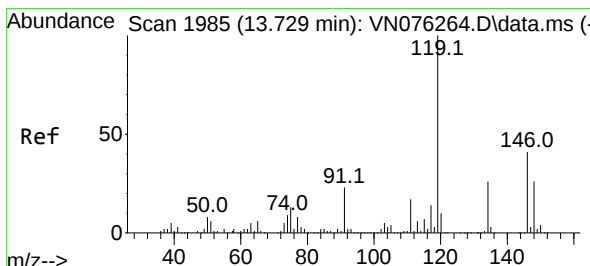
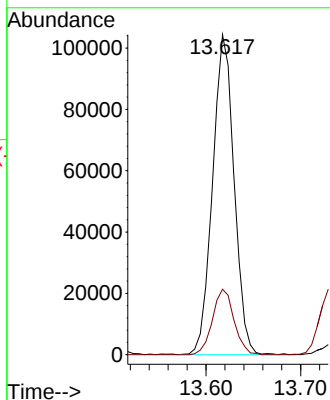
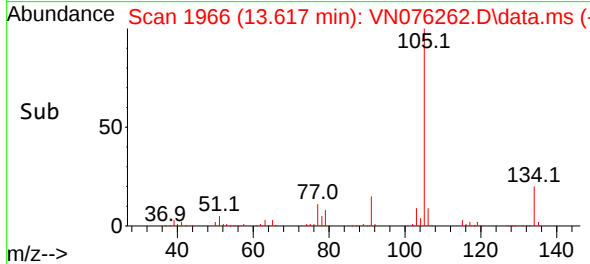
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC010



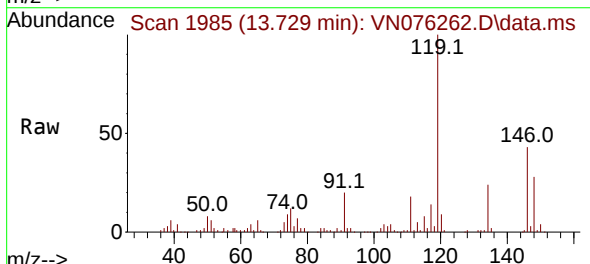
Tgt Ion:105 Resp: 16458  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.3 30.8

Manual Integrations  
 APPROVED

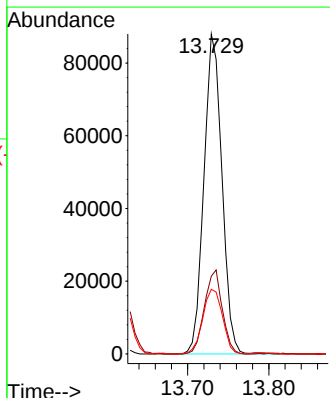
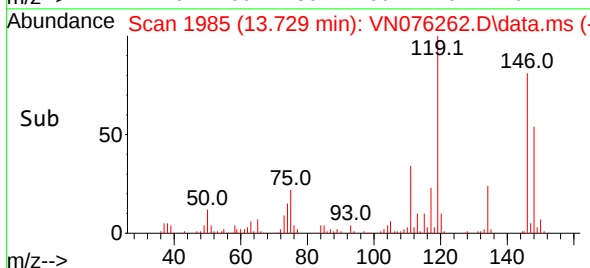
Reviewed By :John Carlone 01/17/2023  
 Supervised By :Mahesh Dadoda 01/17/2023

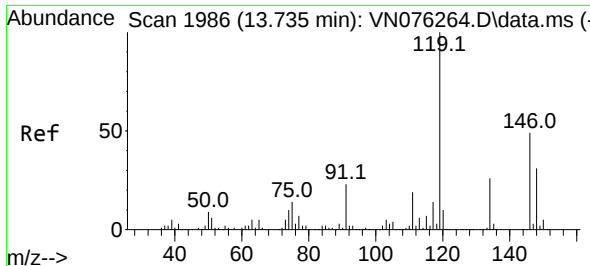


#86  
 p-Isopropyltoluene  
 Concen: 10.488 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.000 min  
 Lab File: VN076262.D  
 Acq: 16 Jan 2023 11:18



Tgt Ion:119 Resp: 135432  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.2 39.6  
 91 22.1 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 10.089 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICC010

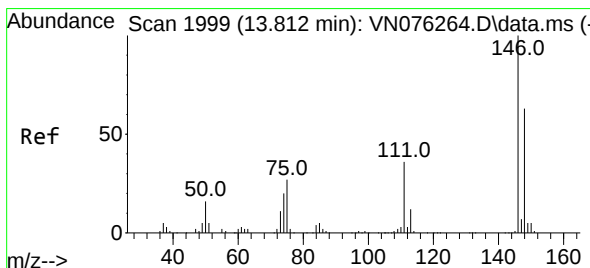
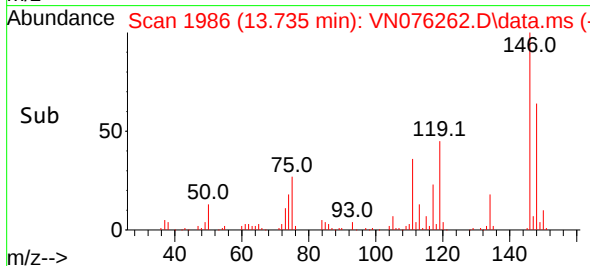
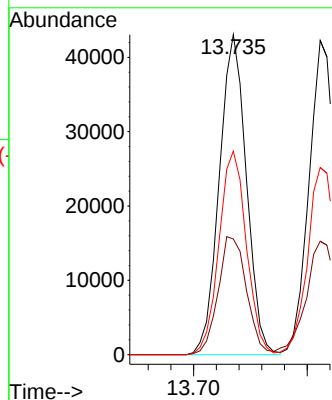
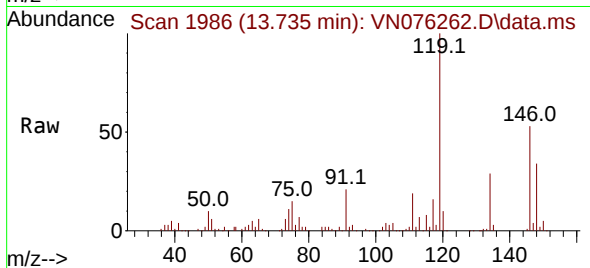
Tgt Ion:146 Resp: 71354  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 19.9 59.7  
 148 64.3 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#88

1,4-Dichlorobenzene

Concen: 9.978 ug/l

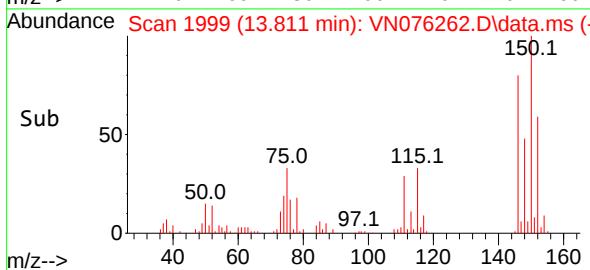
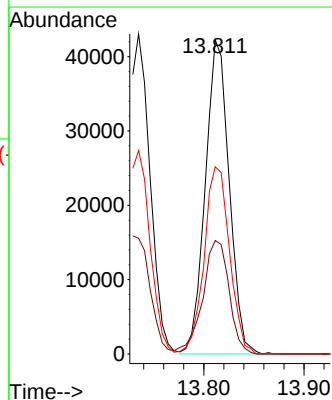
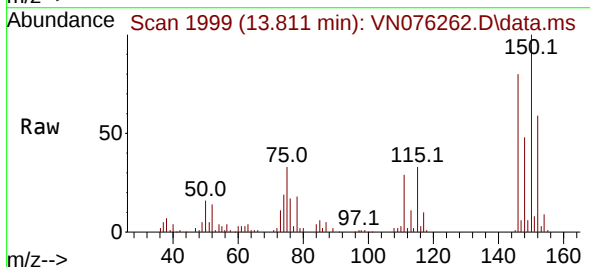
RT: 13.811 min Scan# 1999

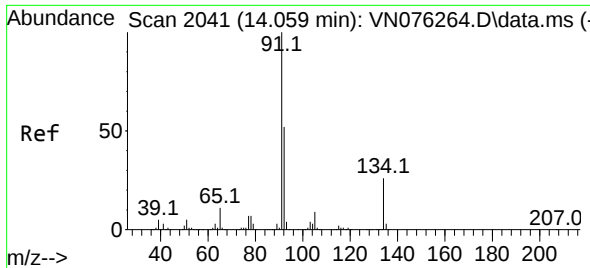
Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Tgt Ion:146 Resp: 70033  
 Ion Ratio Lower Upper  
 146 100  
 111 39.8 19.1 57.5  
 148 63.5 31.9 95.9





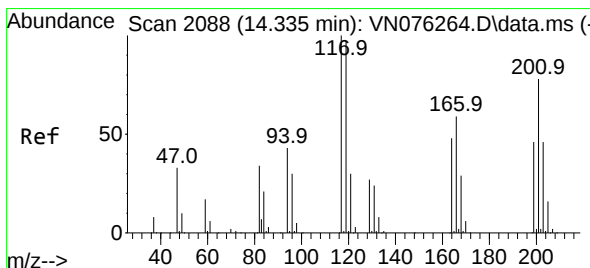
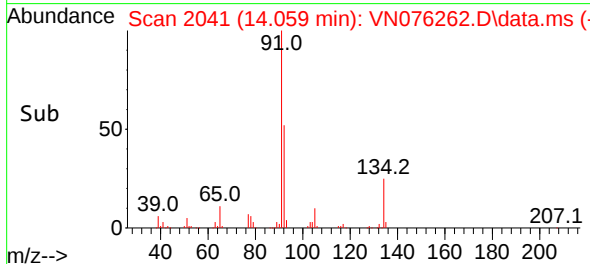
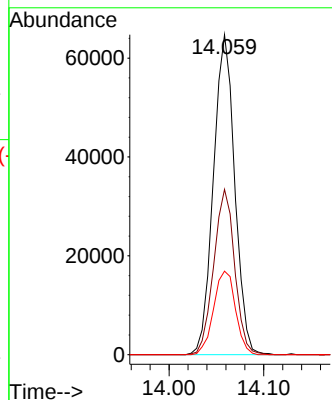
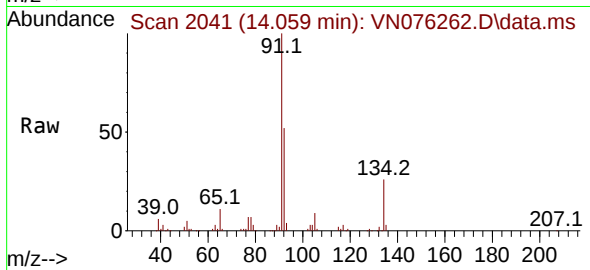
#89  
n-Butylbenzene  
Concen: 9.895 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010

Tgt Ion: 91 Resp: 10114  
Ion Ratio Lower Upper  
91 100  
92 50.9 26.3 78.9  
134 26.8 13.2 39.5

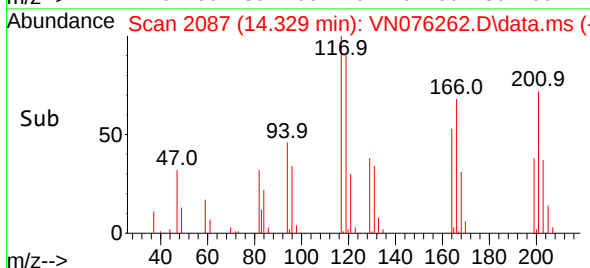
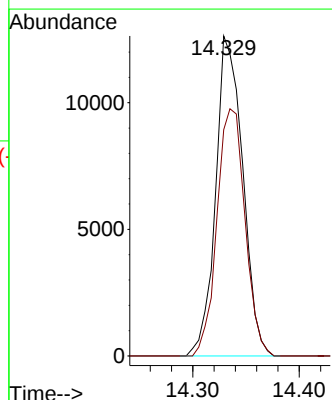
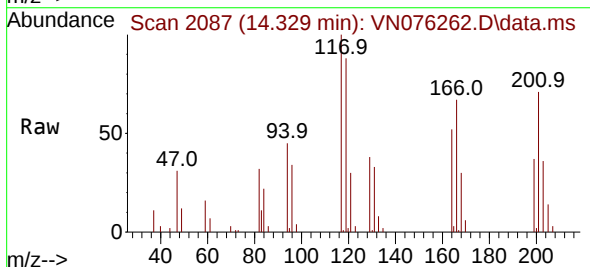
Manual Integrations  
APPROVED

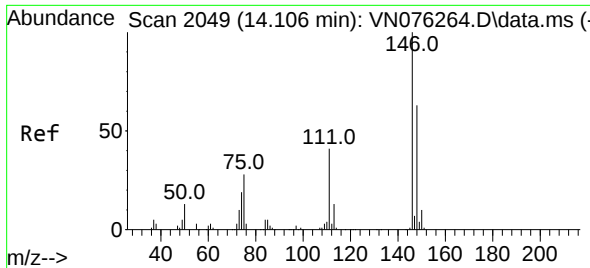
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#90  
Hexachloroethane  
Concen: 9.800 ug/l  
RT: 14.329 min Scan# 2087  
Delta R.T. -0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion:117 Resp: 22281  
Ion Ratio Lower Upper  
117 100  
201 80.1 37.3 111.9





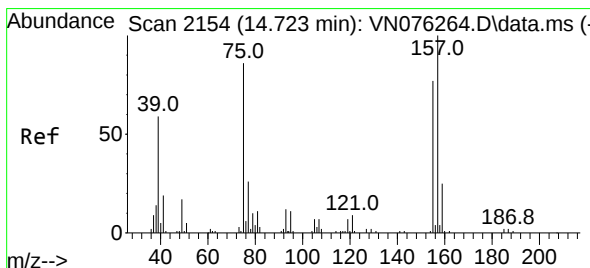
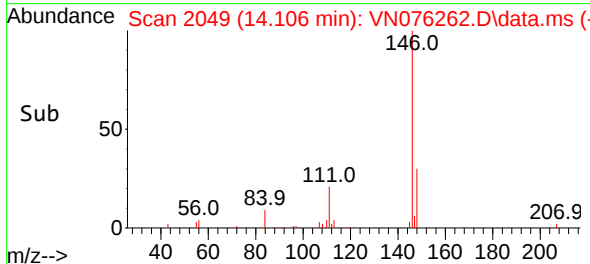
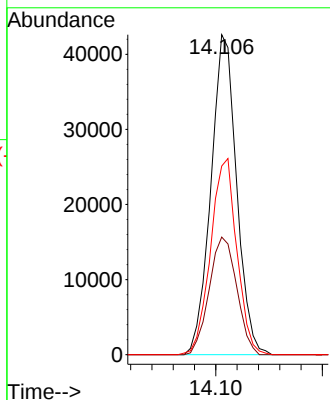
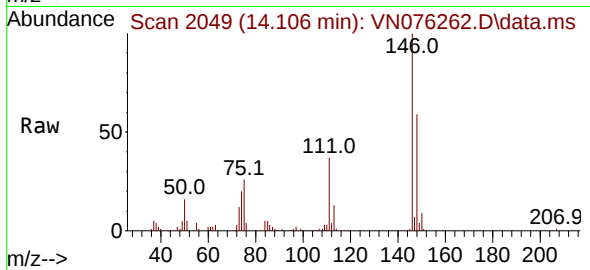
#91  
1,2-Dichlorobenzene  
Concen: 10.012 ug/l  
RT: 14.106 min Scan# 2049  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICC010

Tgt Ion:146 Resp: 7136  
Ion Ratio Lower Upper  
146 100  
111 39.4 20.3 60.8  
148 62.5 31.8 95.4

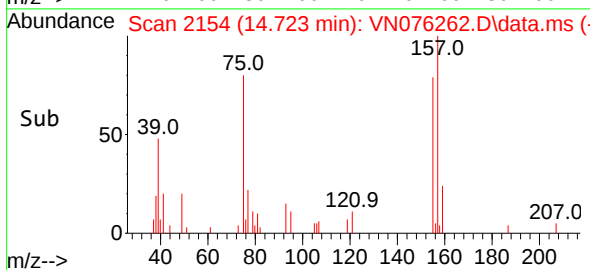
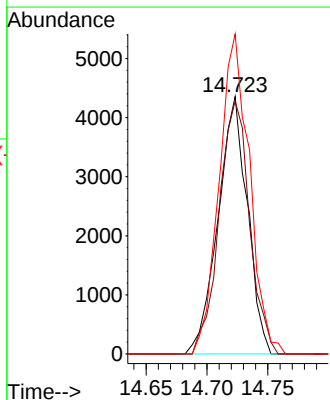
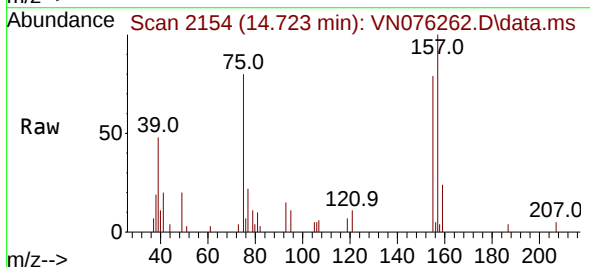
Manual Integrations  
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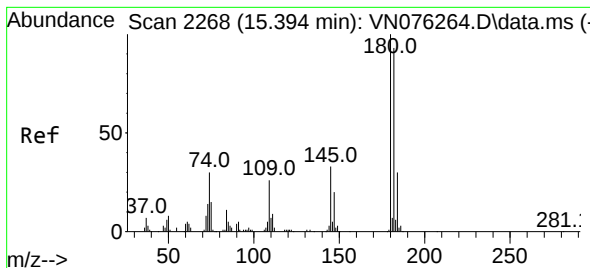
Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 9.627 ug/l  
RT: 14.723 min Scan# 2154  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

Tgt Ion: 75 Resp: 7288  
Ion Ratio Lower Upper  
75 100  
155 102.2 45.0 135.0  
157 128.2 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 10.043 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

Instrument :

MSVOA\_N

ClientSampleId :

VSTDIC010

Tgt Ion:180 Resp: 3069

Ion Ratio Lower Upper

180 100

182 91.7 47.0 141.2

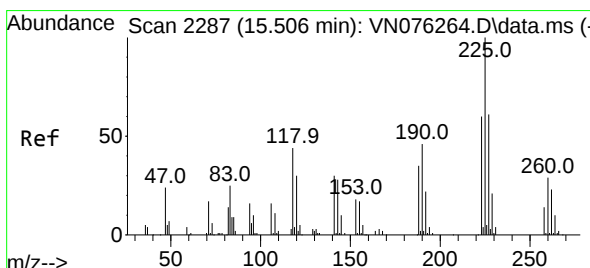
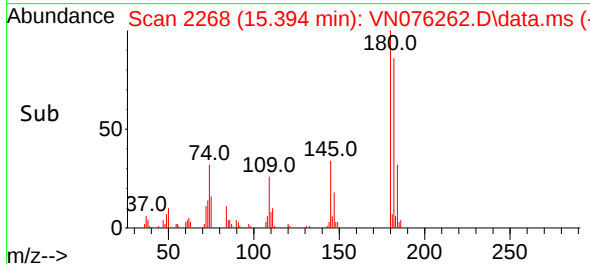
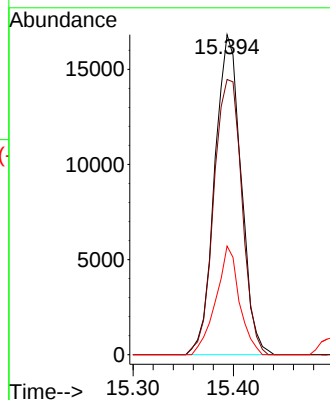
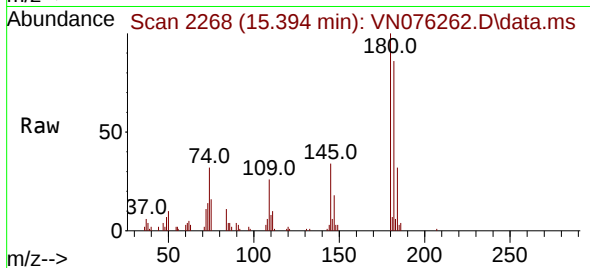
145 30.2 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#94

Hexachlorobutadiene

Concen: 9.849 ug/l

RT: 15.505 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076262.D

Acq: 16 Jan 2023 11:18

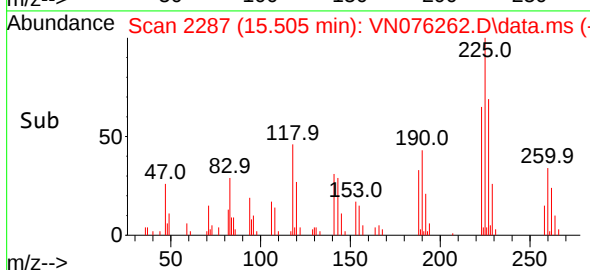
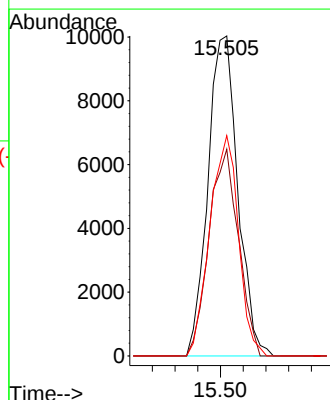
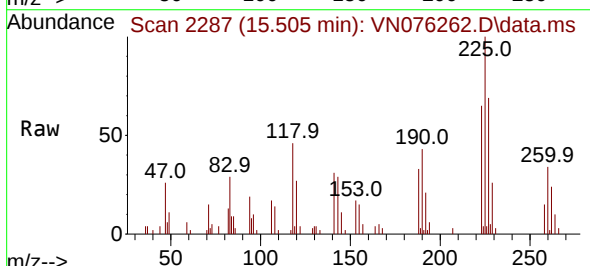
Tgt Ion:225 Resp: 18333

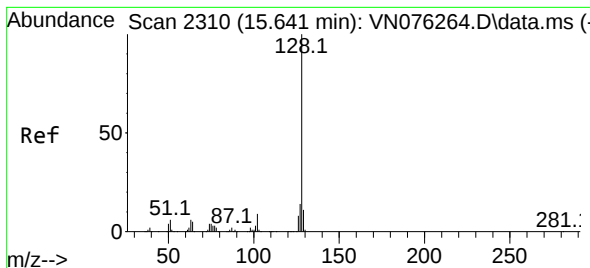
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

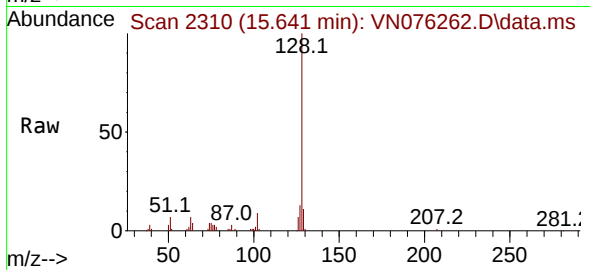
227 66.0 30.9 92.8





#95  
Naphthalene  
Concen: 9.521 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18

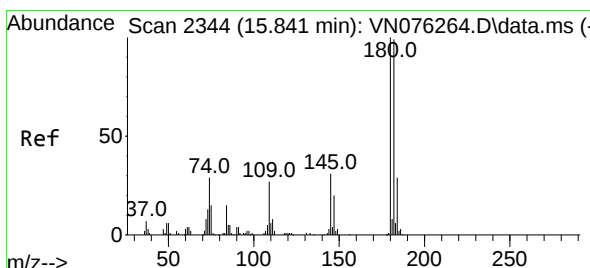
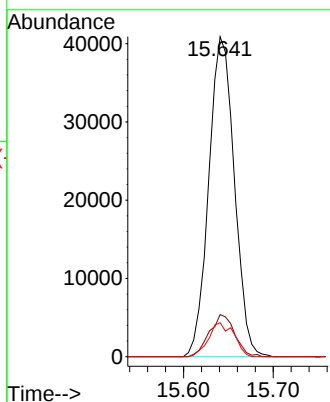
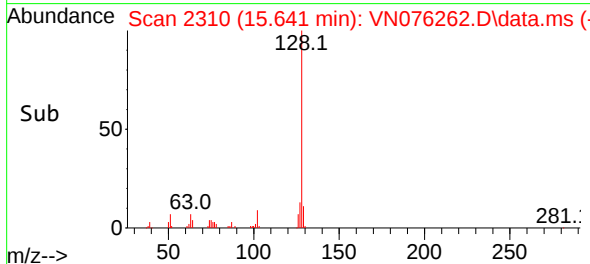
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC010



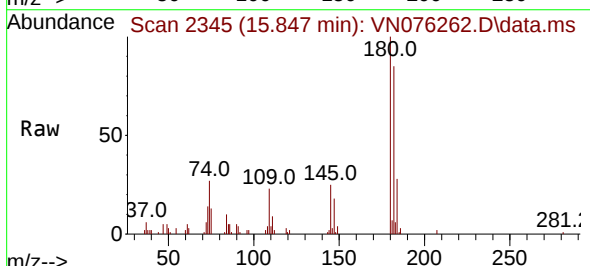
Tgt Ion:128 Resp: 8095  
Ion Ratio Lower Upper  
128 100  
127 13.0 10.3 15.5  
129 10.5 8.6 13.0

Manual Integrations  
APPROVED

Reviewed By :John Carlone 01/17/2023  
Supervised By :Mahesh Dadoda 01/17/2023



#96  
1,2,3-Trichlorobenzene  
Concen: 10.316 ug/l  
RT: 15.847 min Scan# 2345  
Delta R.T. 0.006 min  
Lab File: VN076262.D  
Acq: 16 Jan 2023 11:18



Tgt Ion:180 Resp: 30742  
Ion Ratio Lower Upper  
180 100  
182 90.6 47.5 142.5  
145 28.7 15.9 47.6

