

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082324\  
 Data File : VW030018.D  
 Acq On : 23 Aug 2024 18:18  
 Operator : SY/MD  
 Sample : P3696-02MS  
 Misc : 5.77g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCN87MS

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 08/26/2024  
 Supervised By :Mahesh Dadoda 08/27/2024

Quant Time: Aug 24 05:06:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 24 05:00:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 302143   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 156563   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 34652    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 59316    | 13.828   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 55.320%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 53293    | 17.402   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 69.600%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 26202    | 13.382   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.520%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 56364    | 47.942   | ug/L   | -0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 95.880%   |
| 24) Chloroform-d              | 7.648  | 84    | 147250   | 18.826   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 75.320%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 88430    | 19.850   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 79.400%   |
| 32) Benzene-d6                | 8.270  | 84    | 233971   | 27.658   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 110.640%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 75082    | 27.796   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 111.200%  |
| 41) Toluene-d8                | 10.319 | 98    | 150909   | 20.063   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 80.240%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 31990    | 29.268   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 117.080%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 43662    | 98.030   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 196.060%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 56988    | 28.414   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 113.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 19709    | 18.317   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 73.280%#  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 65732    | 16.140   | ug/L # | 88        |
| 3) Chloromethane              | 2.223  | 50    | 69301    | 13.751   | ug/L   | 96        |
| 5) Vinyl chloride             | 2.375  | 62    | 88696    | 15.707   | ug/L   | 97        |
| 6) Bromomethane               | 2.789  | 94    | 60031    | 19.360   | ug/L   | 99        |
| 8) Chloroethane               | 2.936  | 64    | 58281    | 18.143   | ug/L   | 95        |
| 9) Trichlorofluoromethane     | 3.265  | 101   | 83752    | 18.568   | ug/L   | 100       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 55708    | 12.401   | ug/L   | 92        |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 70778    | 17.147   | ug/L   | 86        |
| 13) Acetone                   | 4.125  | 43    | 104731   | 71.682   | ug/L   | 92        |
| 14) Carbon disulfide          | 4.393  | 76    | 163600   | 11.910   | ug/L   | 98        |
| 15) Methyl Acetate            | 4.673  | 43    | 60070    | 24.684   | ug/L # | 86        |
| 16) Methylene chloride        | 4.923  | 84    | 109707   | 17.369   | ug/L   | 85        |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 79415    | 17.854   | ug/L   | 86        |
| 18) Methyl tert-butyl Ether   | 5.423  | 73    | 182660   | 24.916   | ug/L   | 96        |
| 19) 1,1-Dichloroethane        | 6.222  | 63    | 161386   | 17.203   | ug/L   | 98        |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 96219    | 19.942   | ug/L   | 89        |
| 22) 2-Butanone                | 7.173  | 43    | 75431    | 40.293   | ug/L   | 85        |
| 23) Bromochloromethane        | 7.514  | 128   | 45269    | 22.100   | ug/L # | 76        |
| 25) Chloroform                | 7.679  | 83    | 167207   | 18.918   | ug/L   | 97        |

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 Operator : SY/MD  
 Sample : P3696-02MS  
 Misc : 5.77g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCN87MS

Quant Time: Aug 24 05:06:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM072424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Aug 24 05:00:17 2024  
 Response via : Initial Calibration

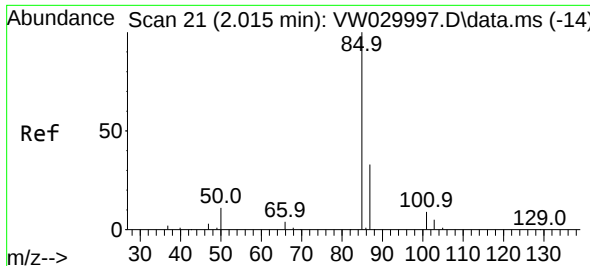
Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 08/26/2024  
 Supervised By :Mahesh Dadoda 08/27/2024

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 123456   | 19.166 | ug/L   | 98       |
| 29) Cyclohexane               | 7.953  | 56   | 47883    | 10.762 | ug/L   | 90       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 109477   | 27.613 | ug/L   | 94       |
| 31) Carbon tetrachloride      | 8.069  | 117  | 85789    | 24.013 | ug/L   | 100      |
| 33) Benzene                   | 8.325  | 78   | 298896   | 27.863 | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 66171    | 23.530 | ug/L   | 97       |
| 35) Methylcyclohexane         | 9.331  | 83   | 31623    | 6.749  | ug/L   | 92       |
| 37) 1,2-Dichloropropane       | 9.368  | 63   | 78952    | 26.857 | ug/L # | 97       |
| 38) Bromodichloromethane      | 9.642  | 83   | 107669   | 30.757 | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 122703   | 28.661 | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 144479   | 77.376 | ug/L # | 88       |
| 42) Toluene                   | 10.386 | 91   | 219382   | 20.035 | ug/L   | 91       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 106073   | 29.846 | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 67786    | 34.324 | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.861 | 164  | 25026    | 12.244 | ug/L   | 93       |
| 48) 2-Hexanone                | 10.965 | 43   | 102228   | 73.099 | ug/L # | 88       |
| 49) Dibromochloromethane      | 11.123 | 129  | 66268    | 32.323 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 62371    | 34.133 | ug/L   | 97       |
| 51) Chlorobenzene             | 11.660 | 112  | 111814   | 16.417 | ug/L   | 89       |
| 52) Ethylbenzene              | 11.727 | 91   | 145599   | 11.788 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.837 | 106  | 51151    | 11.261 | ug/L   | 98       |
| 54) o-Xylene                  | 12.160 | 106  | 50642    | 12.106 | ug/L   | 95       |
| 55) Styrene                   | 12.178 | 104  | 97328    | 13.423 | ug/L   | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 64880    | 26.766 | ug/L # | 98       |
| 59) Bromoform                 | 12.349 | 173  | 33681    | 64.596 | ug/L   | 99       |
| 60) Isopropylbenzene          | 12.459 | 105  | 89843    | 16.755 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 52837    | 62.693 | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 54641    | 13.710 | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 55435    | 13.005 | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 36453    | 15.934 | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 13.568 | 146  | 36280    | 15.438 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 35788    | 17.182 | ug/L   | 93       |
| 68) 1,2-Dibromo-3-chloropr... | 14.483 | 75   | 9490     | 49.592 | ug/L # | 68       |
| 69) 1,3,5-Trichlorobenzene    | 14.629 | 180  | 11620    | 7.424  | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 12817m   | 9.719  | ug/L   |          |
| 71) Naphthalene               | 15.360 | 128  | 44628    | 17.736 | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 9297     | 7.789  | ug/L # | 71       |

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





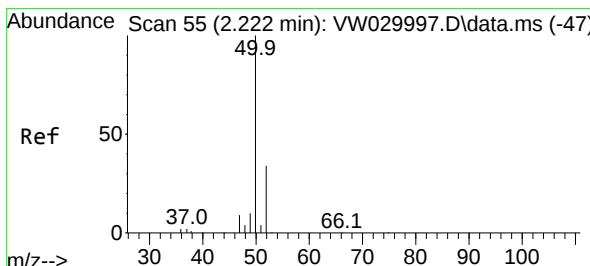
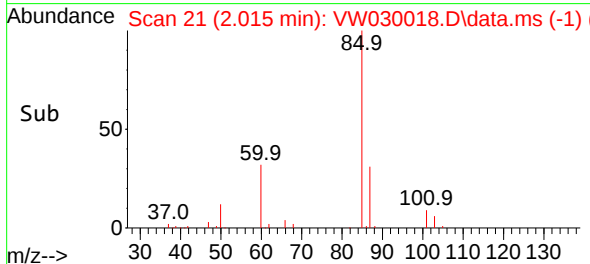
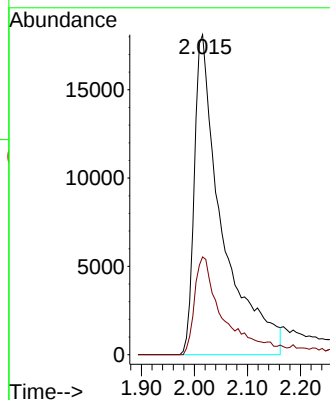
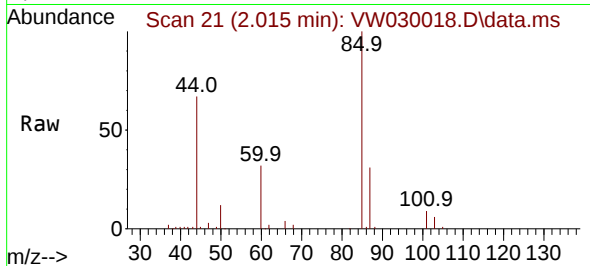
#2  
Dichlorodifluoromethane  
Concen: 16.140 ug/L  
RT: 2.015 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS

Tgt Ion: 85 Resp: 65732  
Ion Ratio Lower Upper  
85 100  
87 25.3 25.5 38.3

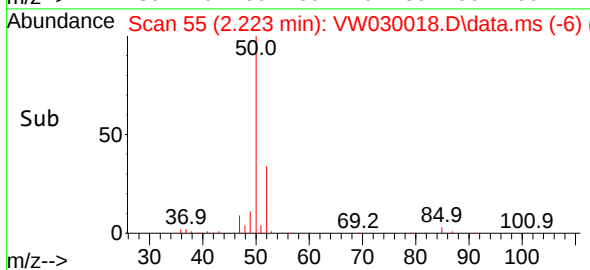
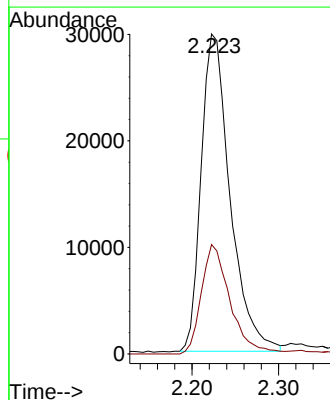
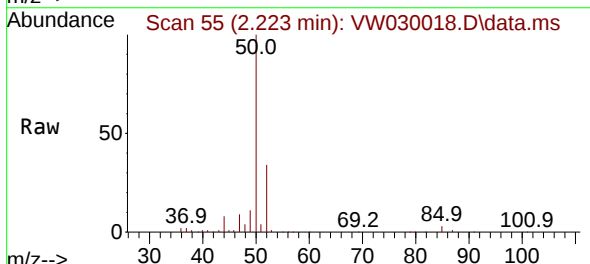
Manual Integrations  
APPROVED

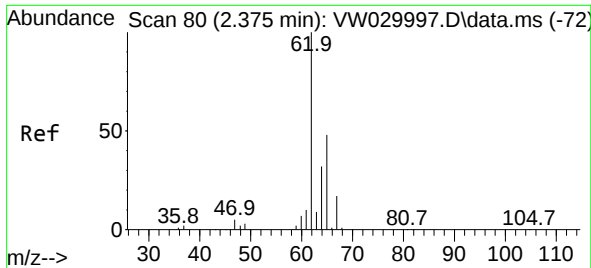
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#3  
Chloromethane  
Concen: 13.751 ug/L  
RT: 2.223 min Scan# 55  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

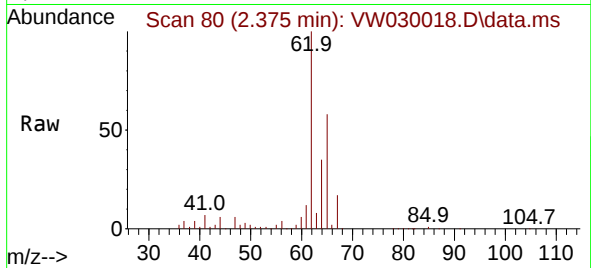
Tgt Ion: 50 Resp: 69301  
Ion Ratio Lower Upper  
50 100  
52 34.2 22.5 41.9





#5  
 Vinyl chloride  
 Concen: 15.707 ug/L  
 RT: 2.375 min Scan# 80  
 Delta R.T. 0.000 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18

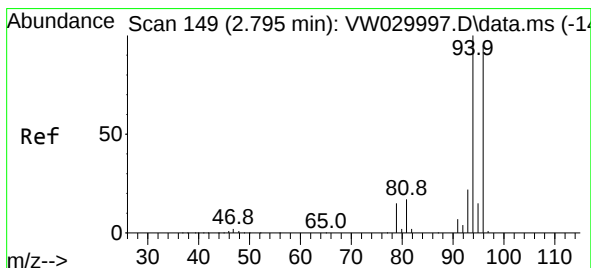
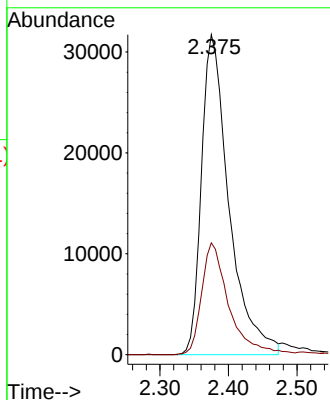
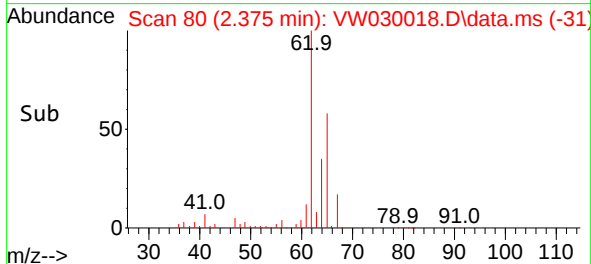
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCN87MS



Tgt Ion: 62 Resp: 88690  
 Ion Ratio Lower Upper  
 62 100  
 64 35.0 23.2 43.2

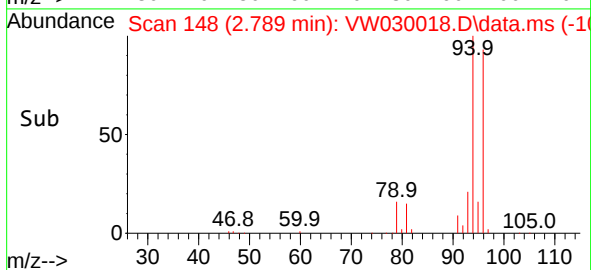
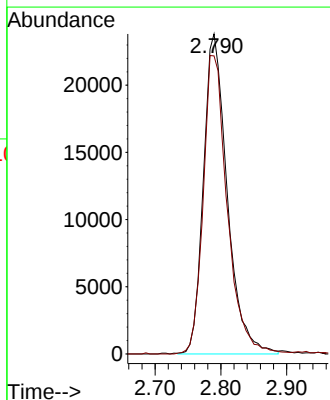
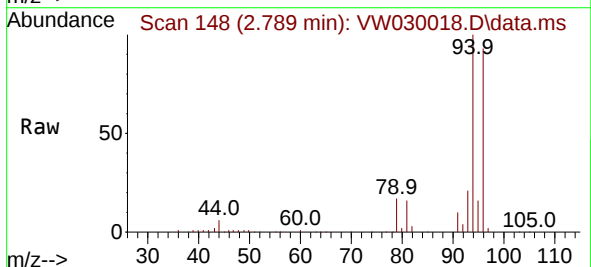
Manual Integrations  
 APPROVED

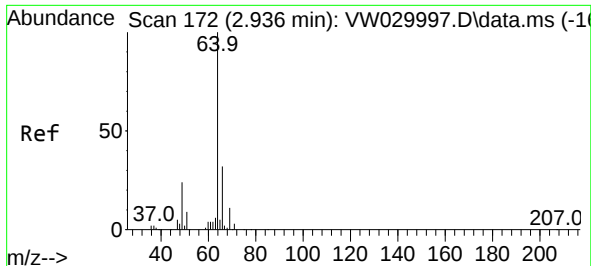
Reviewed By :Romaben Patel 08/26/2024  
 Supervised By :Mahesh Dadoda 08/27/2024



#6  
 Bromomethane  
 Concen: 19.360 ug/L  
 RT: 2.789 min Scan# 148  
 Delta R.T. -0.006 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18

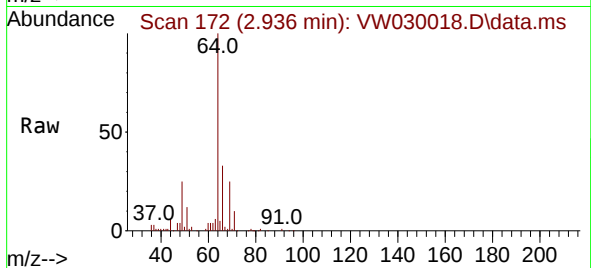
Tgt Ion: 94 Resp: 60031  
 Ion Ratio Lower Upper  
 94 100  
 96 93.1 66.2 123.0





#8  
Chloroethane  
Concen: 18.143 ug/L  
RT: 2.936 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

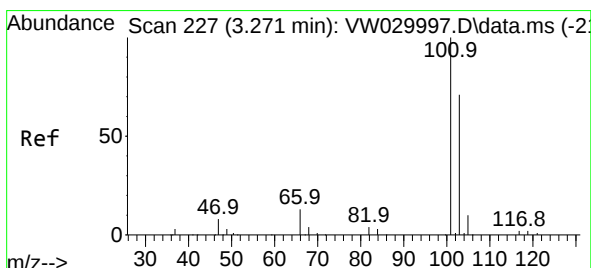
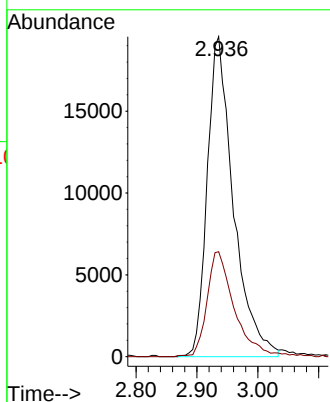
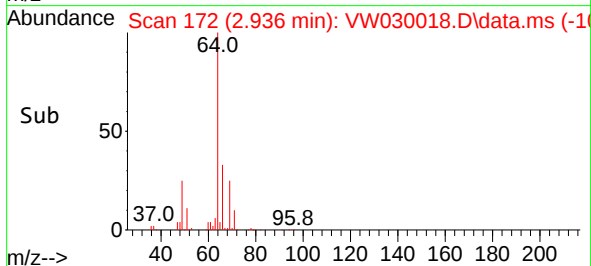
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 64 Resp: 5828  
Ion Ratio Lower Upper  
64 100  
66 32.8 21.2 39.4

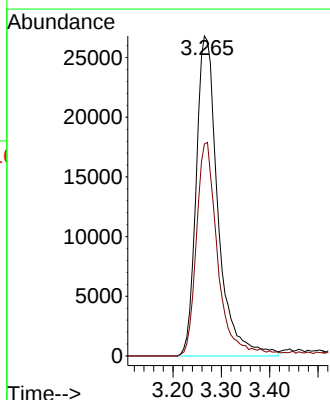
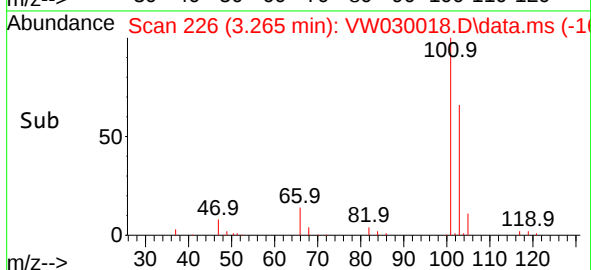
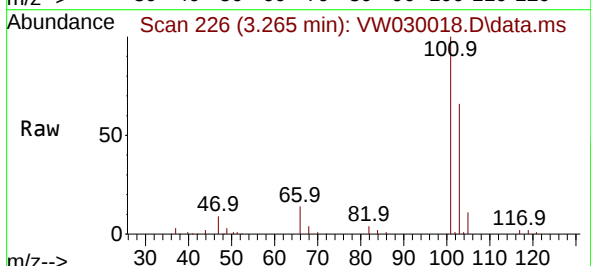
Manual Integrations  
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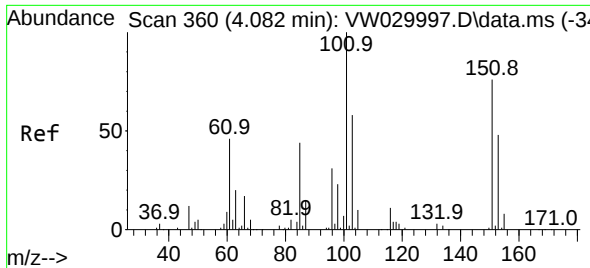
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#9  
Trichlorofluoromethane  
Concen: 18.568 ug/L  
RT: 3.265 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Tgt Ion:101 Resp: 83752  
Ion Ratio Lower Upper  
101 100  
103 63.5 51.0 76.4





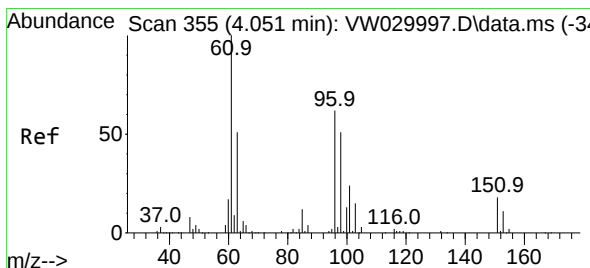
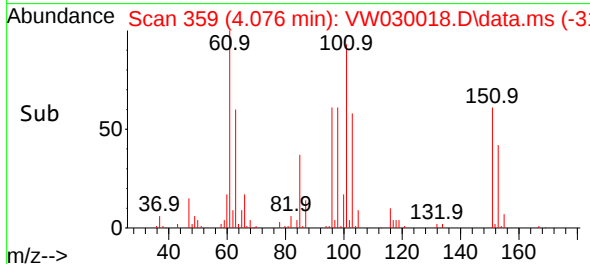
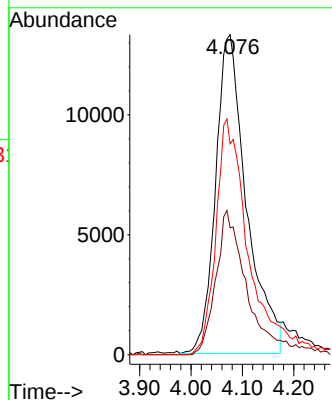
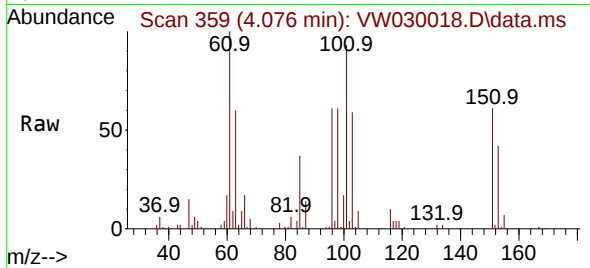
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 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 12.401 ug/L  
 RT: 4.076 min Scan# 359  
 Delta R.T. -0.006 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCN87MS

Tgt Ion:101 Resp: 55708  
 Ion Ratio Lower Upper  
 101 100  
 85 44.7 34.2 51.4  
 151 76.2 54.2 81.2

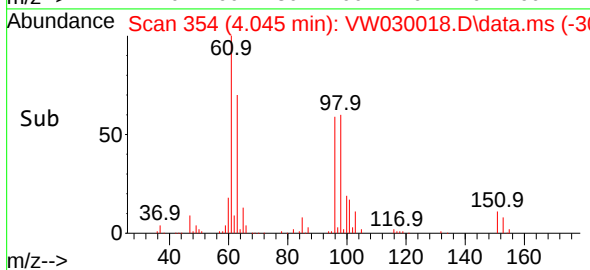
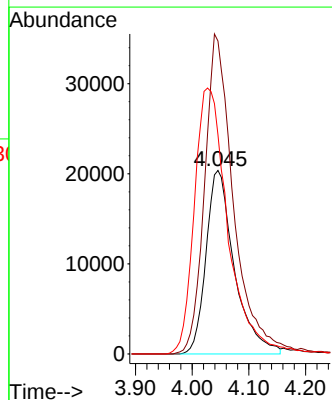
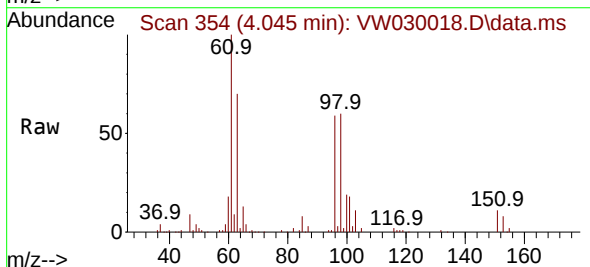
Manual Integrations  
 APPROVED

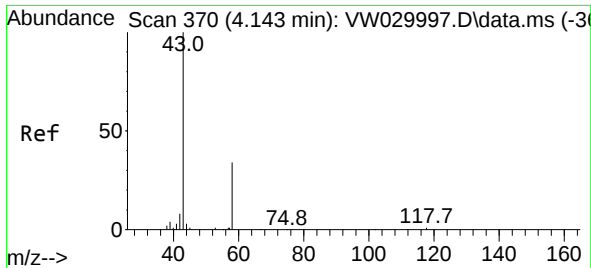
Reviewed By :Romaben Patel 08/26/2024  
 Supervised By :Mahesh Dadoda 08/27/2024



#12  
 1,1-Dichloroethene  
 Concen: 17.147 ug/L  
 RT: 4.045 min Scan# 354  
 Delta R.T. -0.006 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18

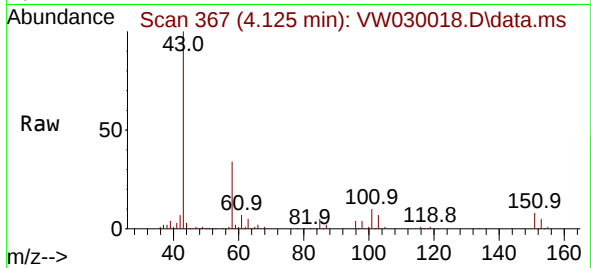
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 Ion Ratio Lower Upper  
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 61 170.5 138.3 256.9  
 63 119.5 89.0 165.4





#13  
Acetone  
Concen: 71.682 ug/L  
RT: 4.125 min Scan# 367  
Delta R.T. -0.018 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

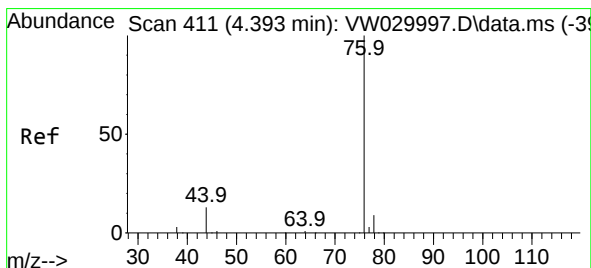
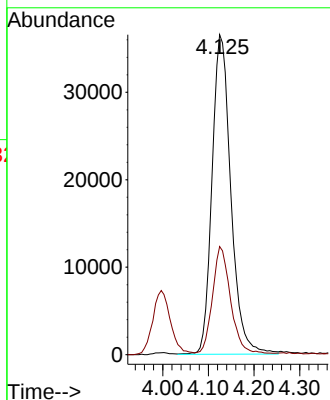
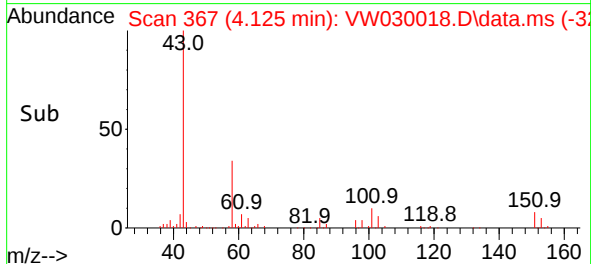
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 43 Resp: 10473  
Ion Ratio Lower Upper  
43 100  
58 33.2 0.0 57.6

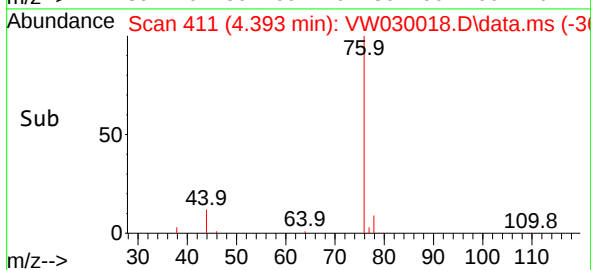
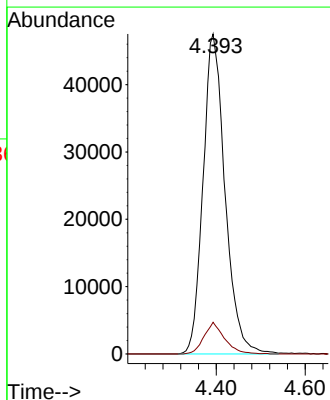
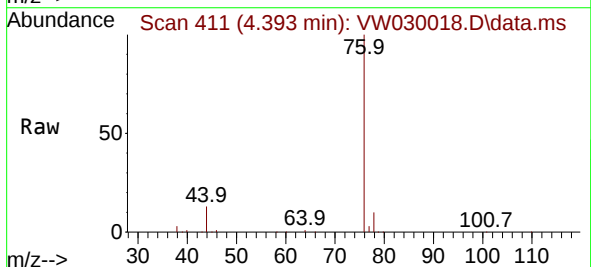
Manual Integrations  
APPROVED

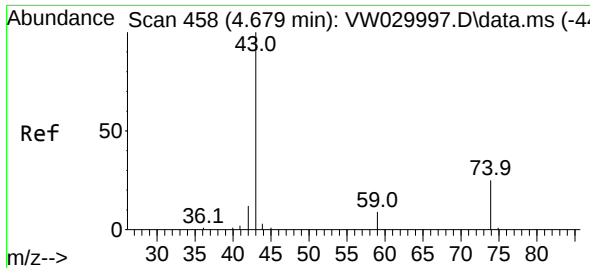
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#14  
Carbon disulfide  
Concen: 11.910 ug/L  
RT: 4.393 min Scan# 411  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

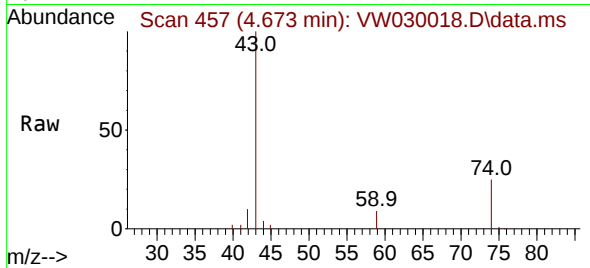
Tgt Ion: 76 Resp: 163600  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.6 11.4





#15  
Methyl Acetate  
Concen: 24.684 ug/L  
RT: 4.673 min Scan# 458  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

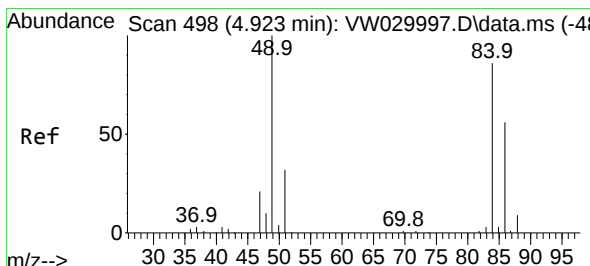
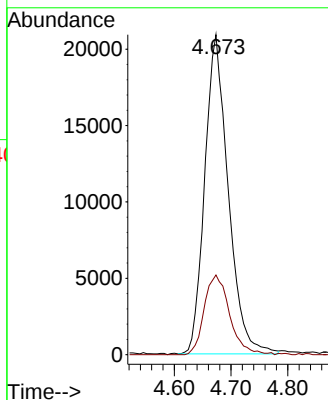
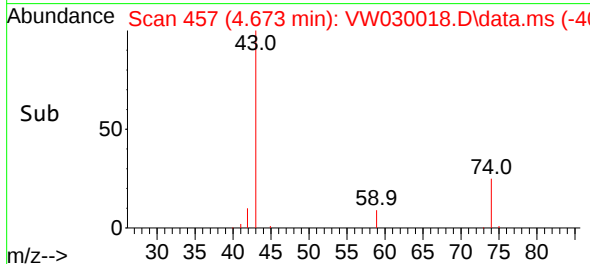
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 43 Resp: 60070  
Ion Ratio Lower Upper  
43 100  
74 26.9 16.5 24.7

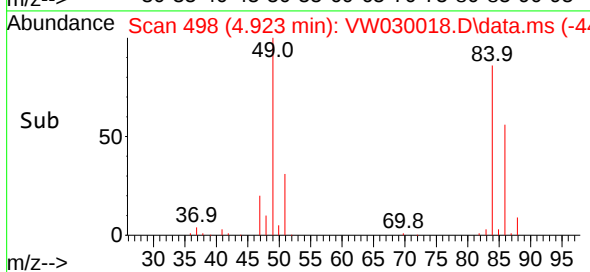
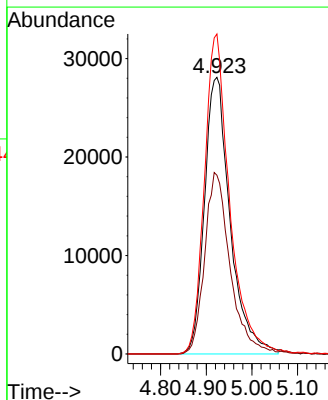
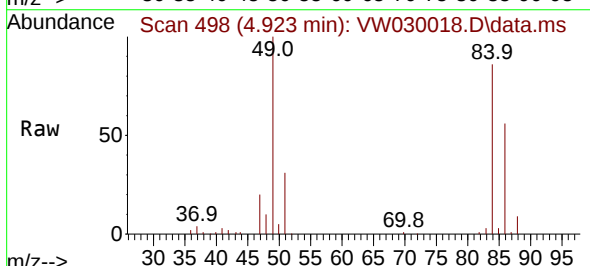
Manual Integrations  
APPROVED

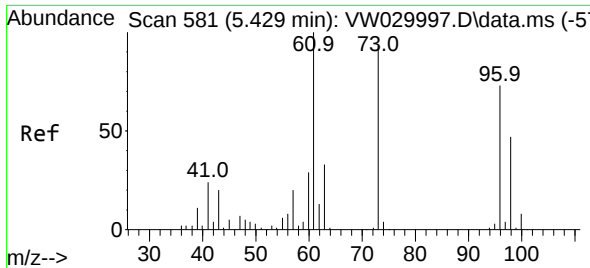
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#16  
Methylene chloride  
Concen: 17.369 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

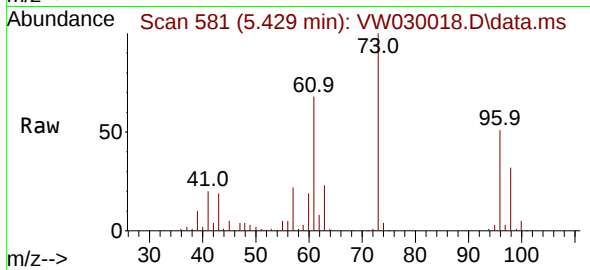
Tgt Ion: 84 Resp: 109707  
Ion Ratio Lower Upper  
84 100  
86 64.6 44.7 82.9  
49 115.7 99.0 184.0





#17  
trans-1,2-Dichloroethene  
Concen: 17.854 ug/L  
RT: 5.429 min Scan# 581  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

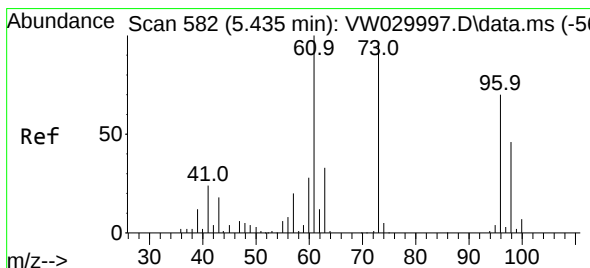
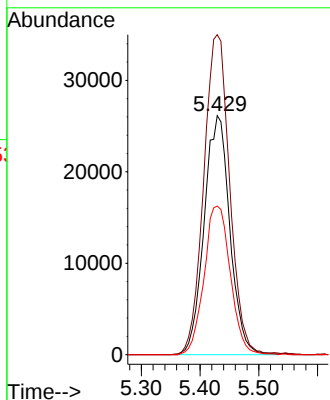
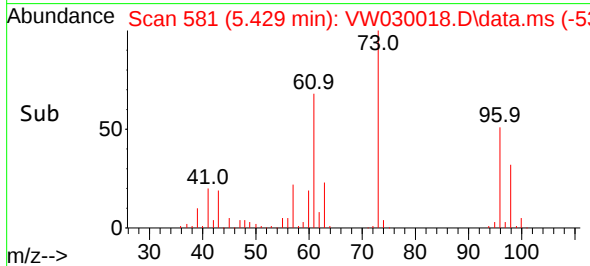
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



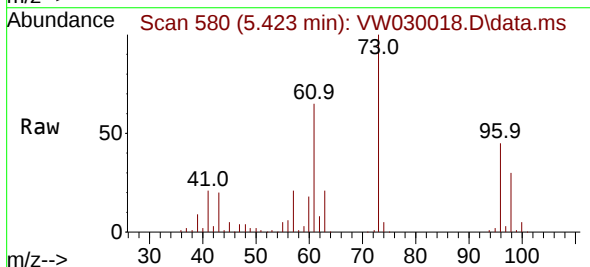
Tgt Ion: 96 Resp: 7941  
Ion Ratio Lower Upper  
96 100  
61 133.8 111.2 206.6  
98 62.2 45.0 83.6

Manual Integrations  
APPROVED

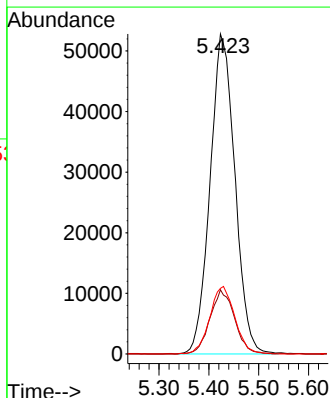
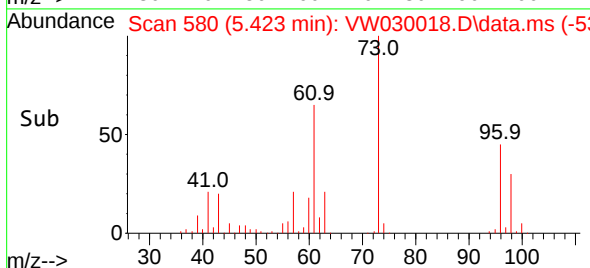
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

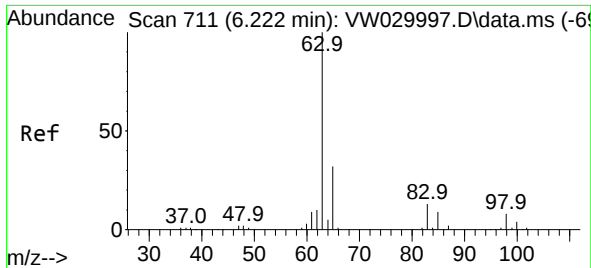


#18  
Methyl tert-butyl Ether  
Concen: 24.916 ug/L  
RT: 5.423 min Scan# 580  
Delta R.T. -0.012 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



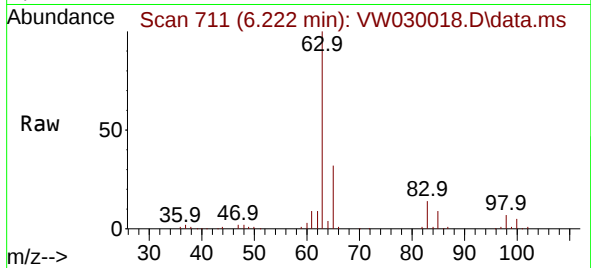
Tgt Ion: 73 Resp: 182660  
Ion Ratio Lower Upper  
73 100  
43 19.8 18.3 27.5  
57 21.3 17.9 26.9





#19  
1,1-Dichloroethane  
Concen: 17.203 ug/L  
RT: 6.222 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

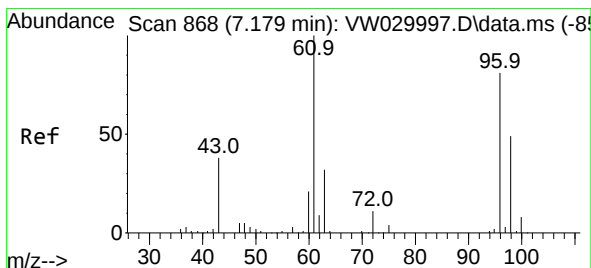
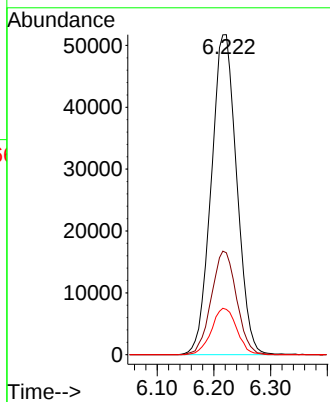
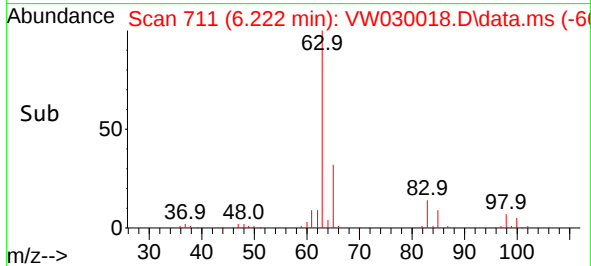
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 63 Resp: 16138  
Ion Ratio Lower Upper  
63 100  
65 31.9 22.3 41.3  
83 14.1 8.5 15.7

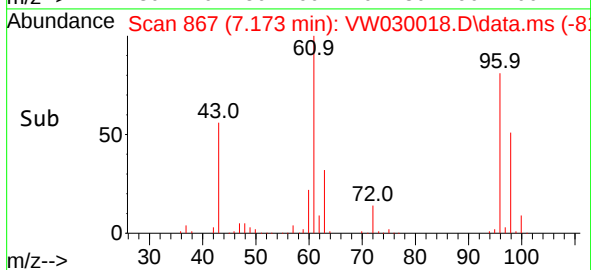
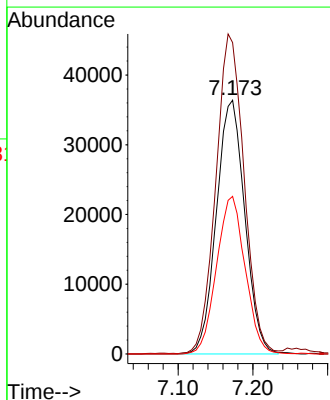
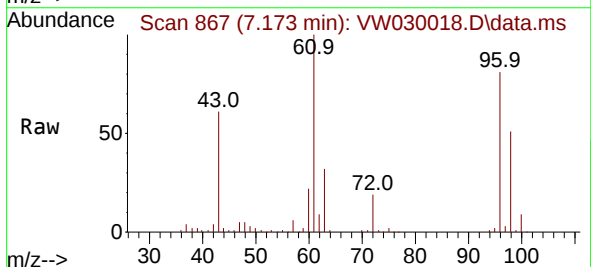
Manual Integrations  
APPROVED

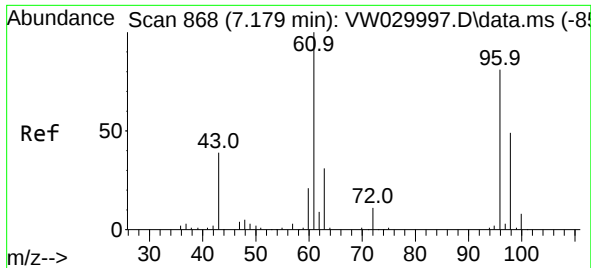
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#20  
cis-1,2-Dichloroethene  
Concen: 19.942 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

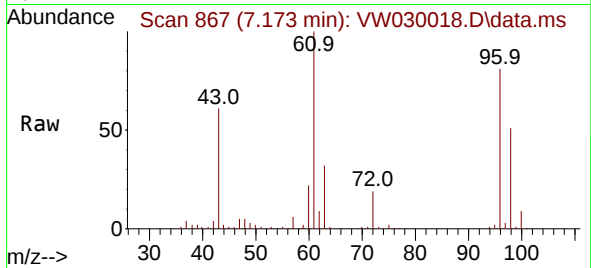
Tgt Ion: 96 Resp: 96219  
Ion Ratio Lower Upper  
96 100  
61 122.7 98.2 182.4  
98 62.1 41.9 77.9





#22  
2-Butanone  
Concen: 40.293 ug/L  
RT: 7.173 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

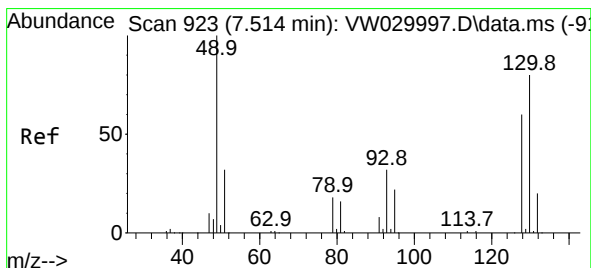
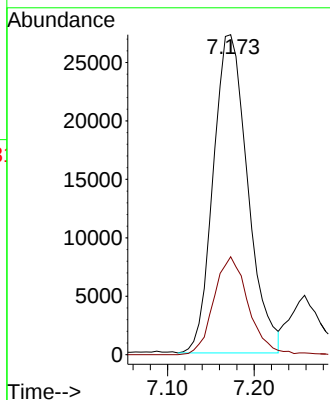
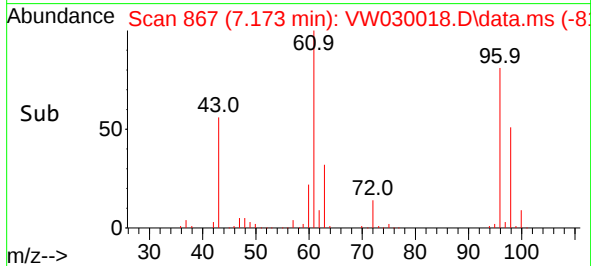
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 43 Resp: 7543  
Ion Ratio Lower Upper  
43 100  
72 30.6 11.7 35.1

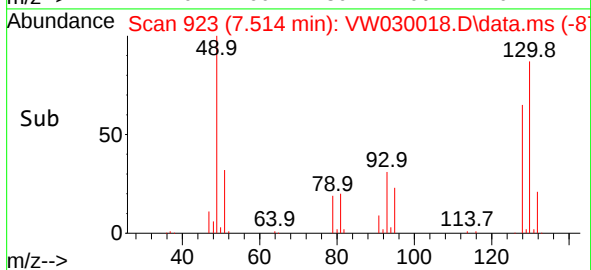
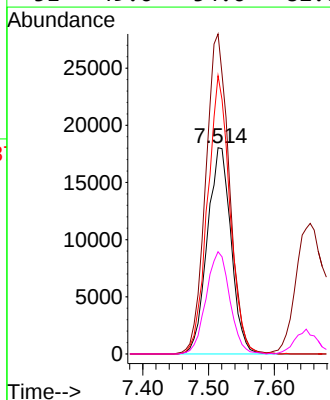
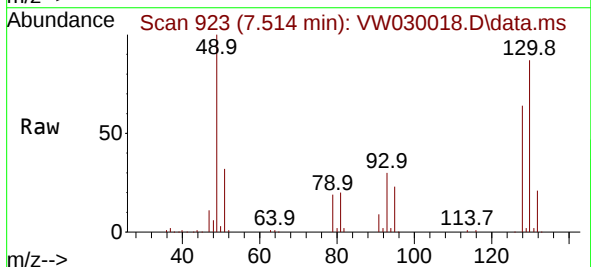
Manual Integrations  
APPROVED

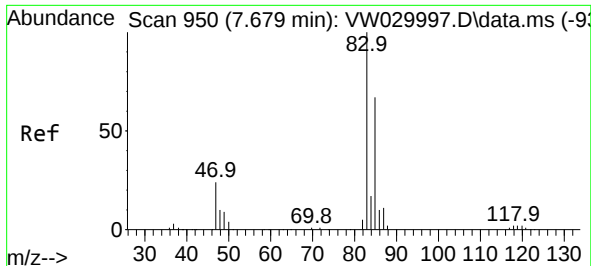
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#23  
Bromochloromethane  
Concen: 22.100 ug/L  
RT: 7.514 min Scan# 923  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

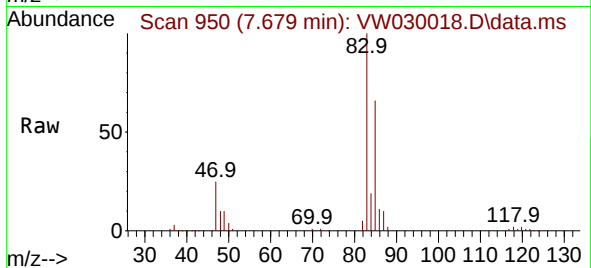
Tgt Ion:128 Resp: 45269  
Ion Ratio Lower Upper  
128 100  
49 155.2 151.1 280.7  
130 134.9 96.8 179.8  
51 49.6 54.6 82.0#





#25  
Chloroform  
Concen: 18.918 ug/L  
RT: 7.679 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

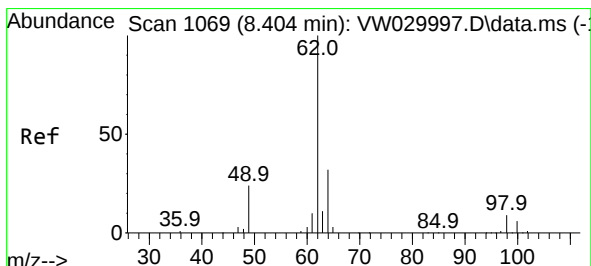
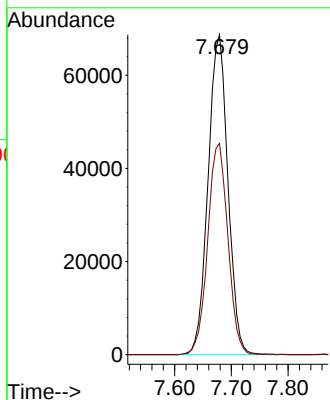
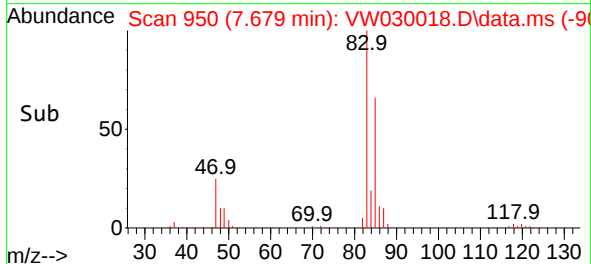
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



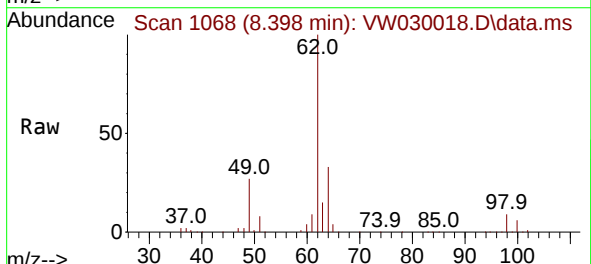
Tgt Ion: 83 Resp: 16720  
Ion Ratio Lower Upper  
83 100  
85 66.1 44.4 82.4

Manual Integrations  
APPROVED

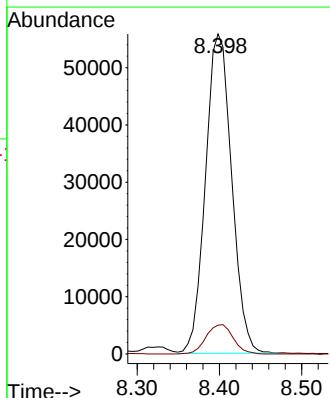
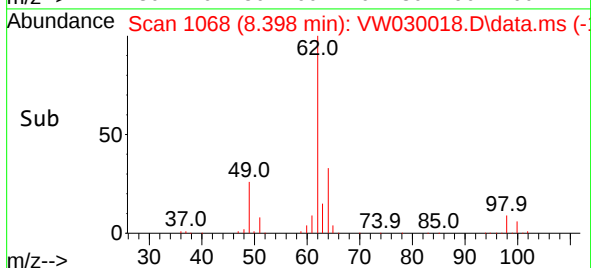
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

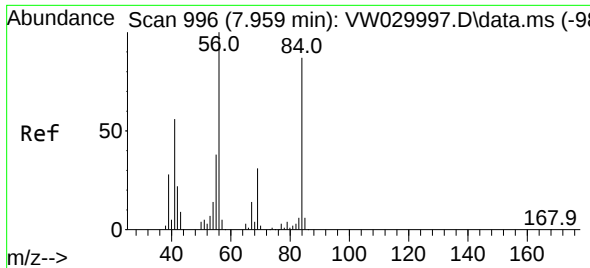


#27  
1,2-Dichloroethane  
Concen: 19.166 ug/L  
RT: 8.398 min Scan# 1068  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



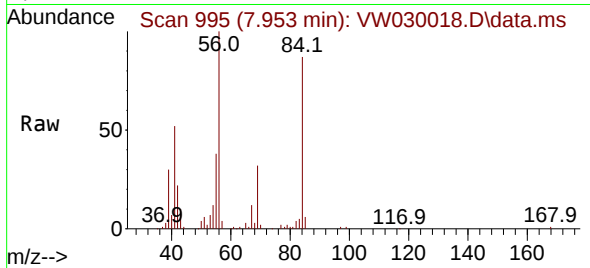
Tgt Ion: 62 Resp: 123456  
Ion Ratio Lower Upper  
62 100  
98 9.0 6.6 10.0





#29  
Cyclohexane  
Concen: 10.762 ug/L  
RT: 7.953 min Scan# 995  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

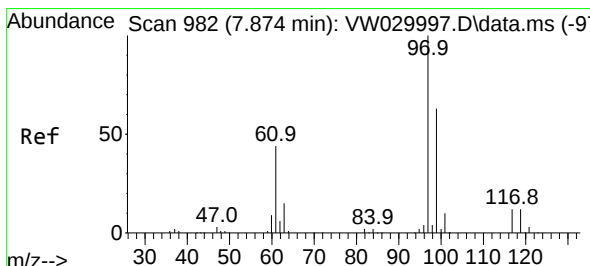
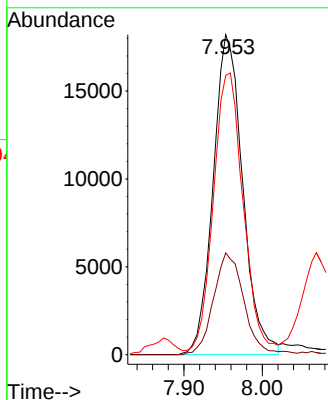
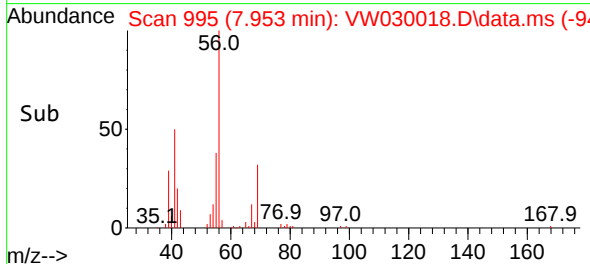
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 56 Resp: 4788  
Ion Ratio Lower Upper  
56 100  
69 32.2 23.0 34.4  
84 89.5 63.5 95.3

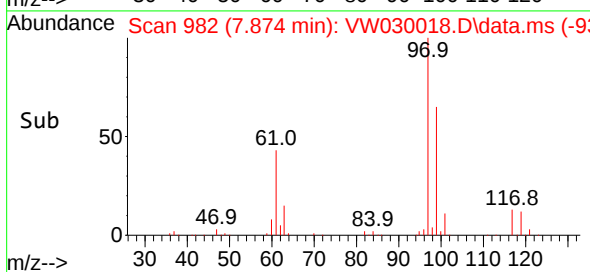
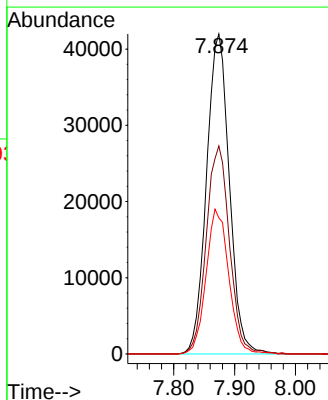
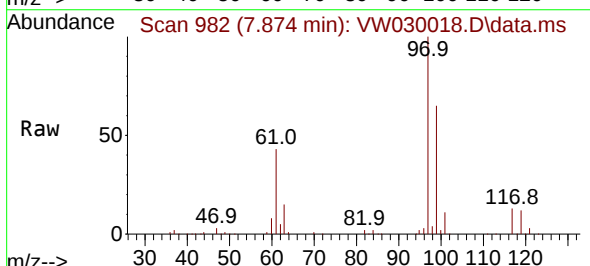
Manual Integrations  
APPROVED

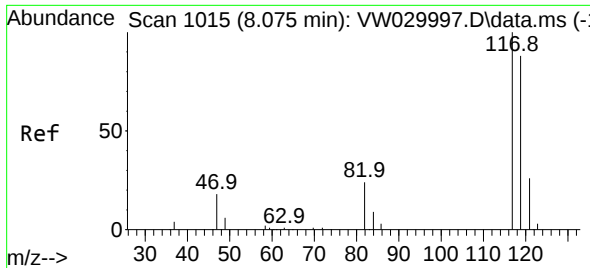
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#30  
1,1,1-Trichloroethane  
Concen: 27.613 ug/L  
RT: 7.874 min Scan# 982  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

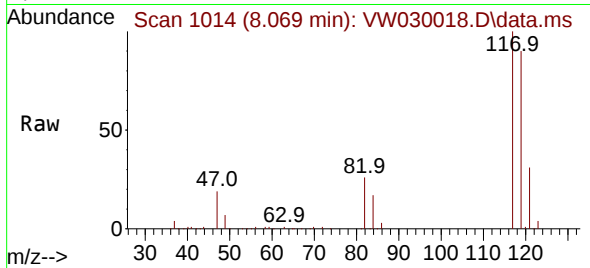
Tgt Ion: 97 Resp: 109477  
Ion Ratio Lower Upper  
97 100  
99 65.7 52.1 78.1  
61 45.0 42.6 63.8





#31  
Carbon tetrachloride  
Concen: 24.013 ug/L  
RT: 8.069 min Scan# 1015  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

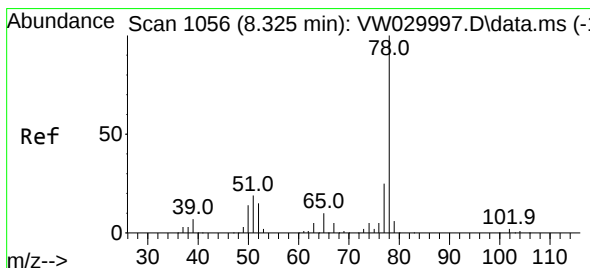
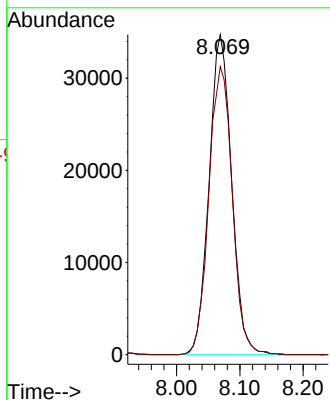
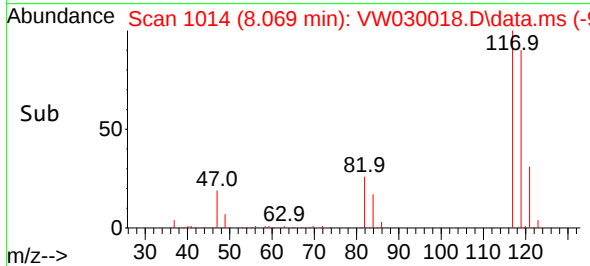
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion:117 Resp: 85789  
Ion Ratio Lower Upper  
117 100  
119 93.3 74.8 112.2

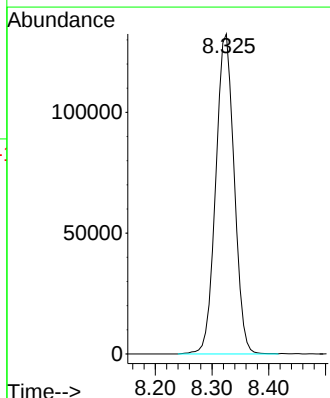
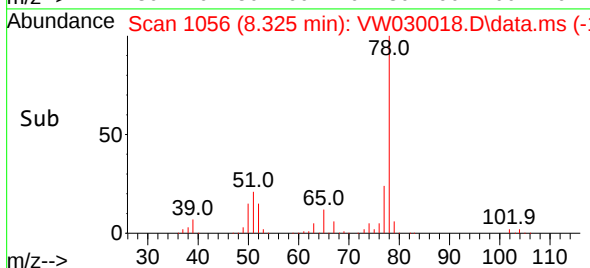
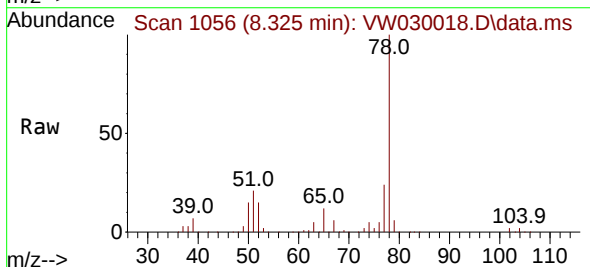
Manual Integrations  
APPROVED

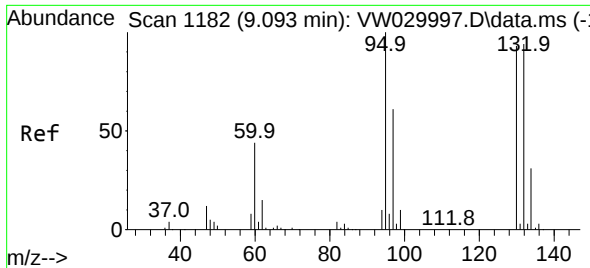
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#33  
Benzene  
Concen: 27.863 ug/L  
RT: 8.325 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

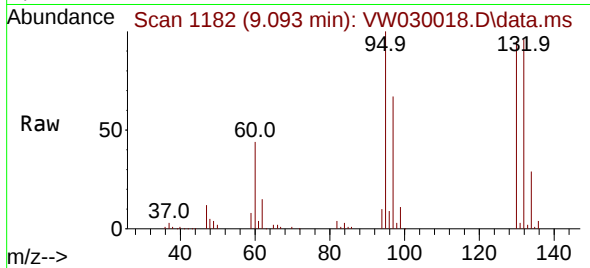
Tgt Ion: 78 Resp: 298896





#34  
Trichloroethene  
Concen: 23.530 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

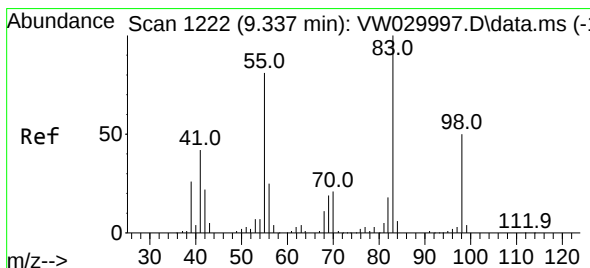
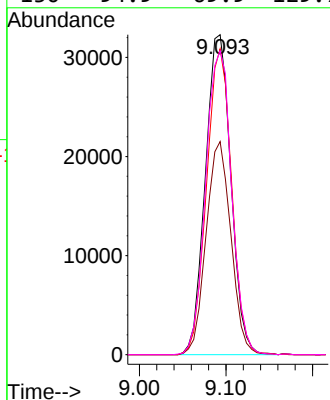
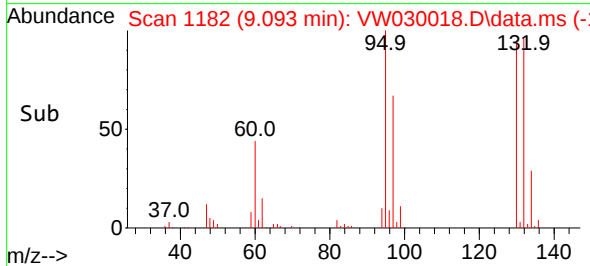
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 95 Resp: 6617  
Ion Ratio Lower Upper  
95 100  
97 66.6 45.6 84.8  
132 95.6 65.2 121.0  
130 94.9 69.9 129.7

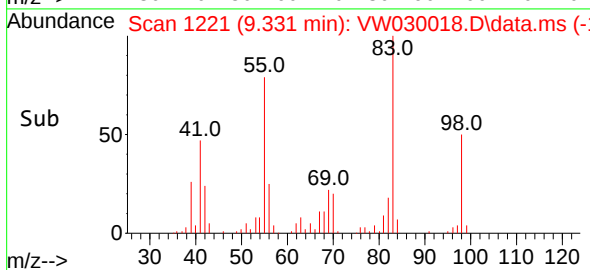
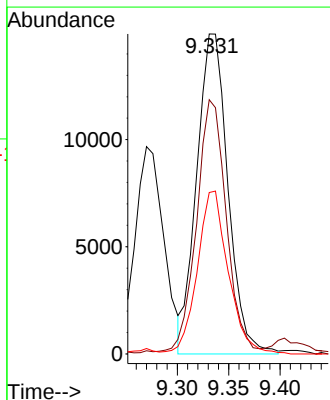
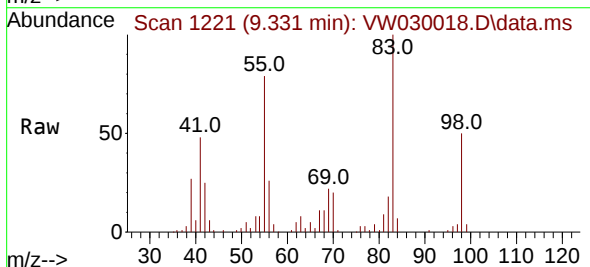
Manual Integrations  
APPROVED

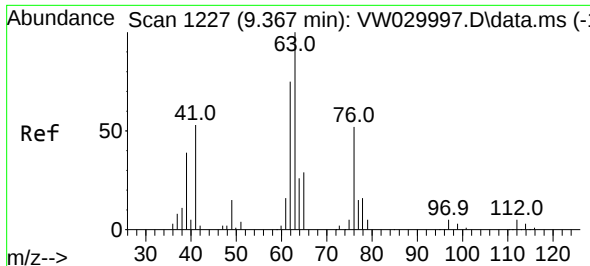
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#35  
Methylcyclohexane  
Concen: 6.749 ug/L  
RT: 9.331 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Tgt Ion: 83 Resp: 31623  
Ion Ratio Lower Upper  
83 100  
55 76.1 67.4 101.2  
98 50.5 36.7 55.1





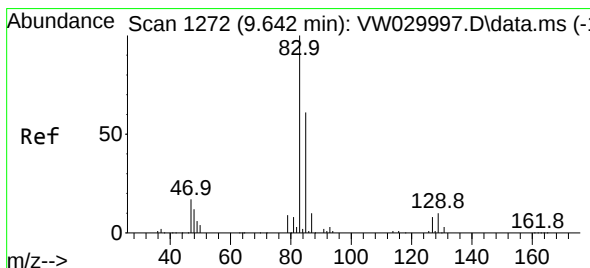
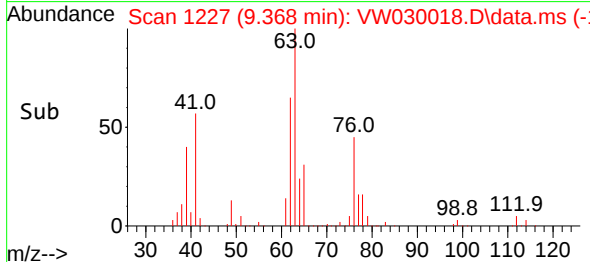
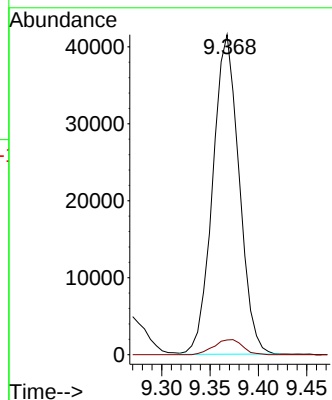
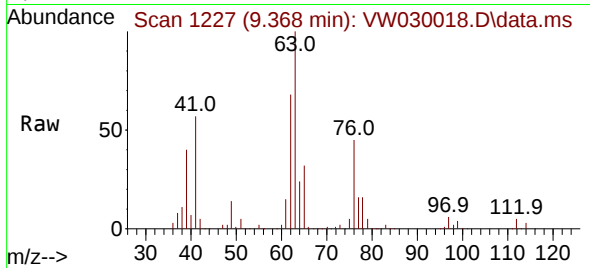
#37  
1,2-Dichloropropane  
Concen: 26.857 ug/L  
RT: 9.368 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS

Tgt Ion: 63 Resp: 7895  
Ion Ratio Lower Upper  
63 100  
112 5.1 3.3 4.9

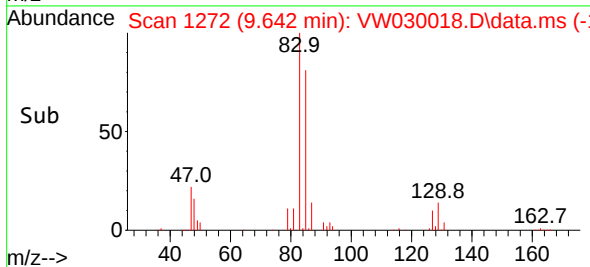
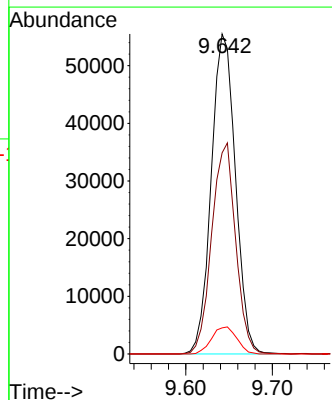
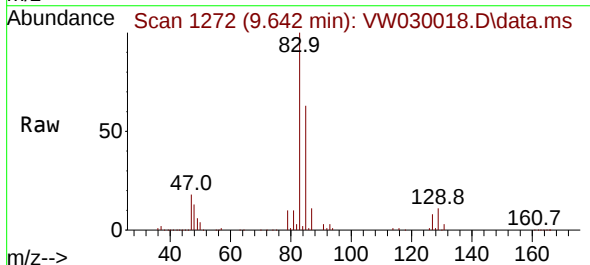
Manual Integrations  
APPROVED

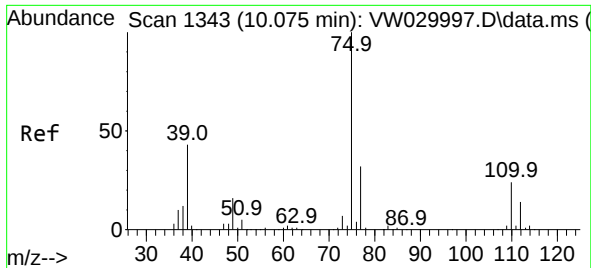
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#38  
Bromodichloromethane  
Concen: 30.757 ug/L  
RT: 9.642 min Scan# 1272  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

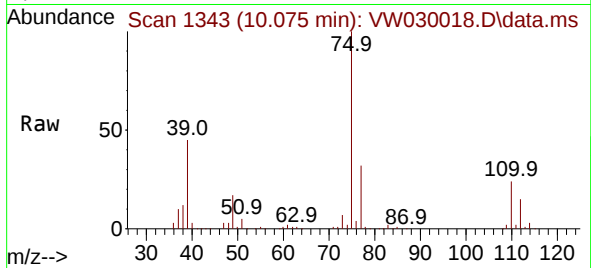
Tgt Ion: 83 Resp: 107669  
Ion Ratio Lower Upper  
83 100  
85 62.8 46.6 86.6  
127 8.2 5.9 8.9





#39  
 cis-1,3-Dichloropropene  
 Concen: 28.661 ug/L  
 RT: 10.075 min Scan# 1343  
 Delta R.T. 0.000 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18

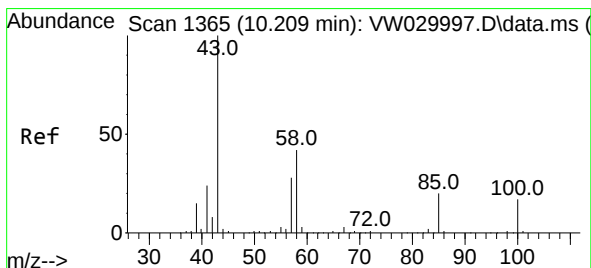
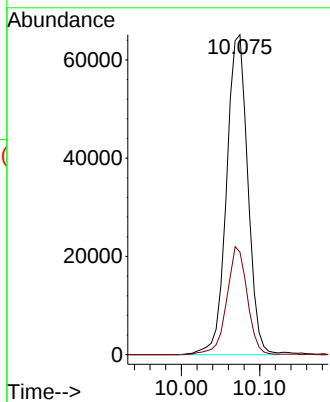
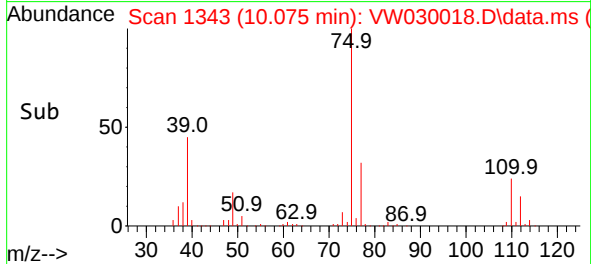
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GCN87MS



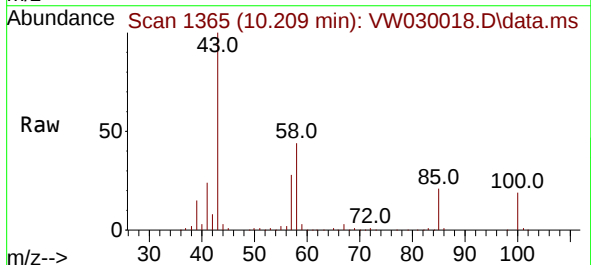
Tgt Ion: 75 Resp: 12270  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 20.8 38.6

Manual Integrations  
 APPROVED

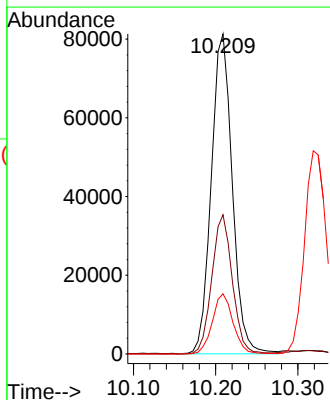
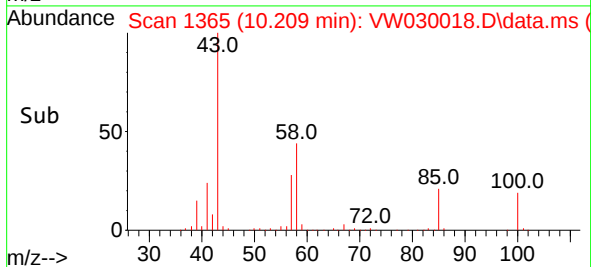
Reviewed By :Romaben Patel 08/26/2024  
 Supervised By :Mahesh Dadoda 08/27/2024

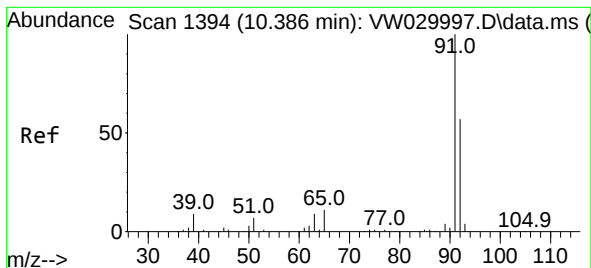


#40  
 4-Methyl-2-pentanone  
 Concen: 77.376 ug/L  
 RT: 10.209 min Scan# 1365  
 Delta R.T. 0.000 min  
 Lab File: VW030018.D  
 Acq: 23 Aug 2024 18:18



Tgt Ion: 43 Resp: 144479  
 Ion Ratio Lower Upper  
 43 100  
 58 42.5 28.7 43.1  
 100 18.6 10.0 15.0#





#42

Toluene

Concen: 20.035 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA\_W

ClientSampleId :

GCN87MS

Tgt Ion: 91 Resp: 21938

Ion Ratio Lower Upper

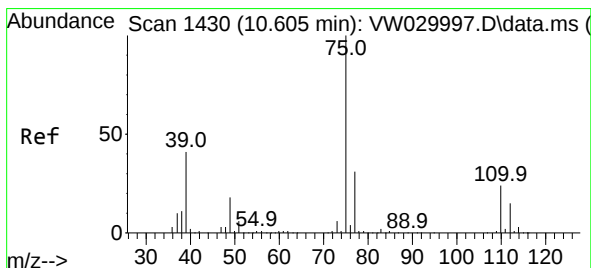
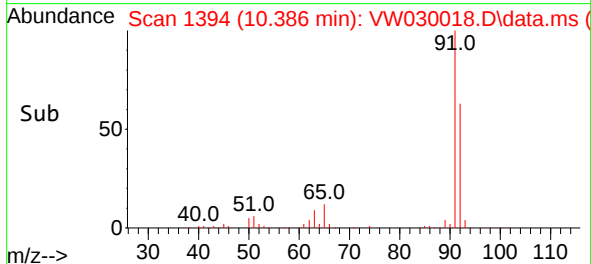
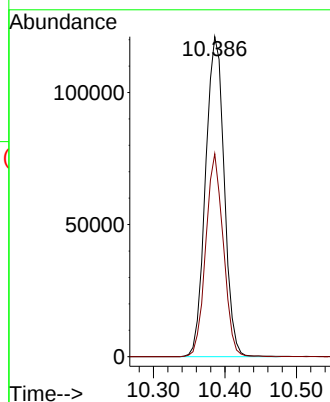
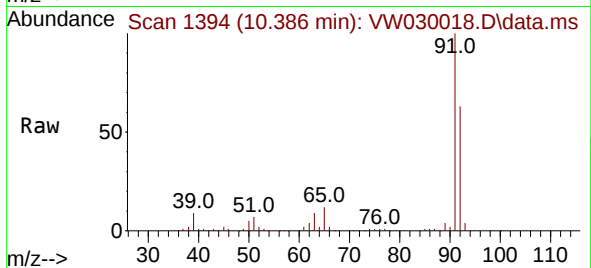
91 100

92 63.4 39.5 73.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#44

trans-1,3-Dichloropropene

Concen: 29.846 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030018.D

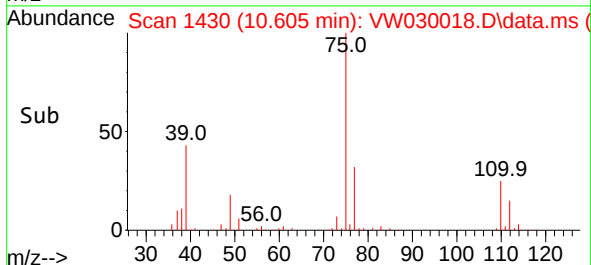
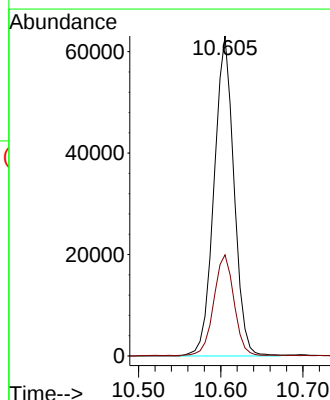
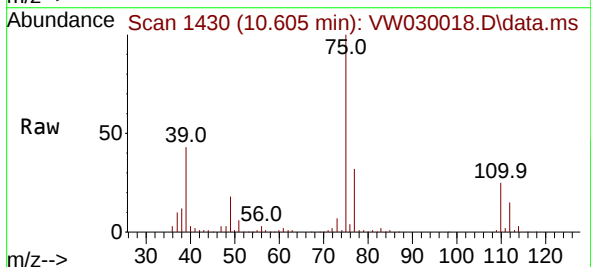
Acq: 23 Aug 2024 18:18

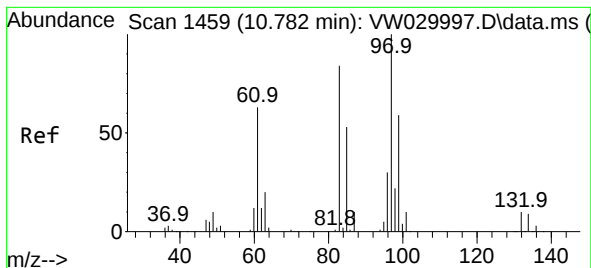
Tgt Ion: 75 Resp: 106073

Ion Ratio Lower Upper

75 100

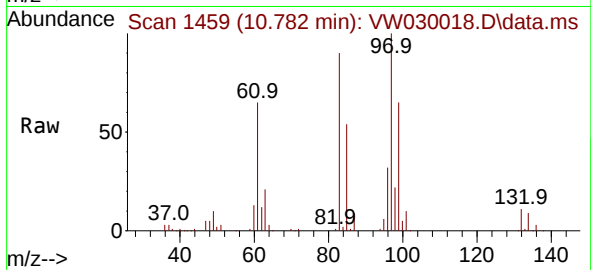
77 31.6 22.0 41.0





#45  
1,1,2-Trichloroethane  
Concen: 34.324 ug/L  
RT: 10.782 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

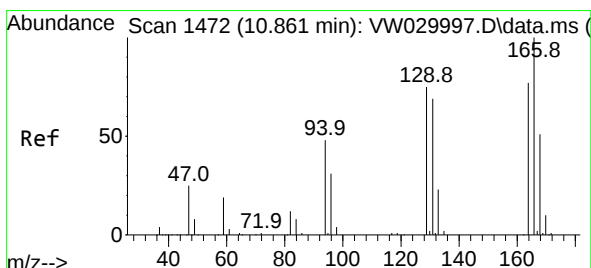
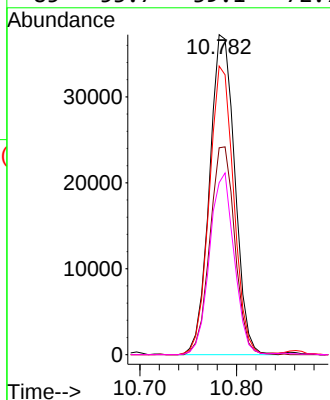
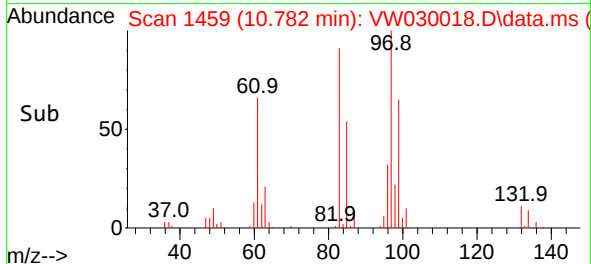
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



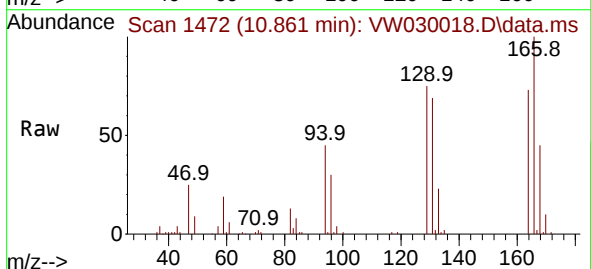
| Tgt Ion:  | 97   | Resp: | 6778  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 97        | 100  |       |       |
| 99        | 64.7 | 40.1  | 74.5  |
| 83        | 90.2 | 58.5  | 108.7 |
| 85        | 53.7 | 39.1  | 72.7  |

Manual Integrations  
APPROVED

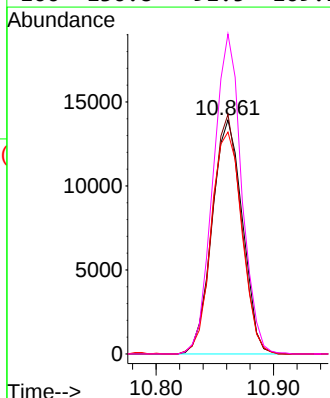
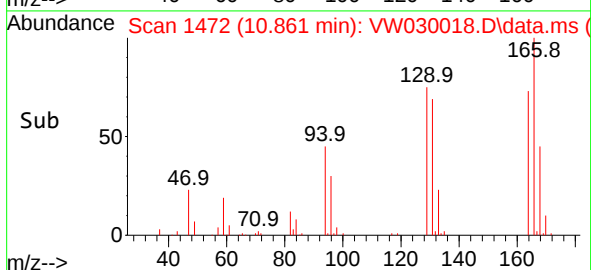
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

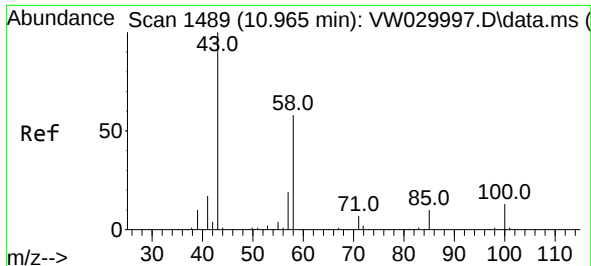


#46  
Tetrachloroethene  
Concen: 12.244 ug/L  
RT: 10.861 min Scan# 1472  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



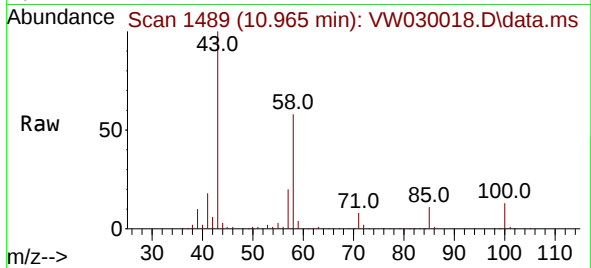
| Tgt Ion:  | 164   | Resp: | 25026 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 164       | 100   |       |       |
| 129       | 102.4 | 77.8  | 144.6 |
| 131       | 94.8  | 70.9  | 131.7 |
| 166       | 136.8 | 91.5  | 169.9 |





#48  
2-Hexanone  
Concen: 73.099 ug/L  
RT: 10.965 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

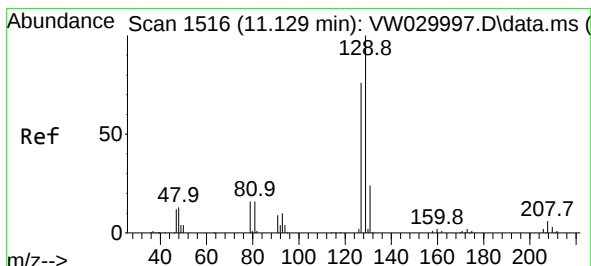
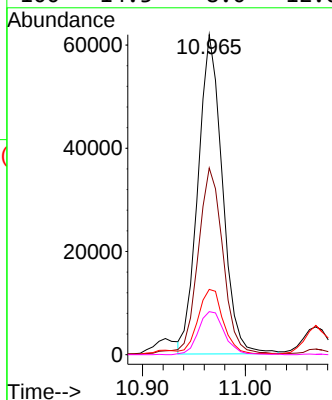
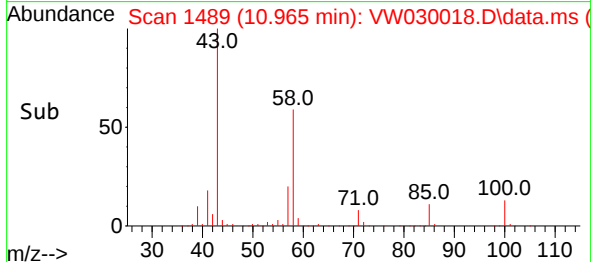
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



Tgt Ion: 43 Resp: 102228  
Ion Ratio Lower Upper  
43 100  
58 60.6 41.0 61.4  
57 21.5 14.1 21.1  
100 14.3 8.0 12.0#

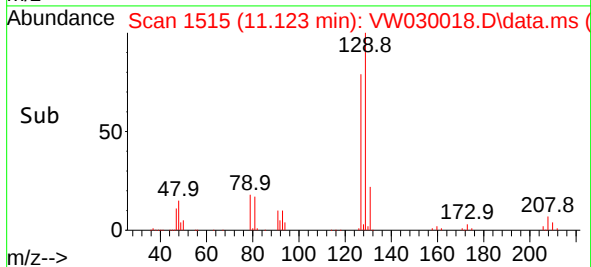
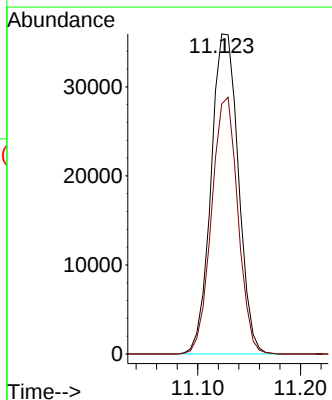
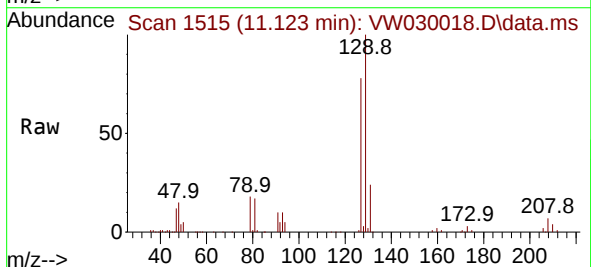
Manual Integrations  
APPROVED

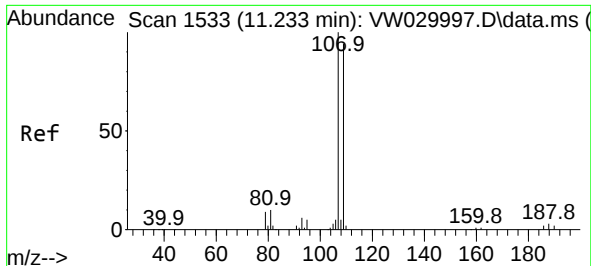
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#49  
Dibromochloromethane  
Concen: 32.323 ug/L  
RT: 11.123 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Tgt Ion:129 Resp: 66268  
Ion Ratio Lower Upper  
129 100  
127 78.1 52.4 97.2





#50

1,2-Dibromoethane

Concen: 34.133 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA\_W

ClientSampleId :

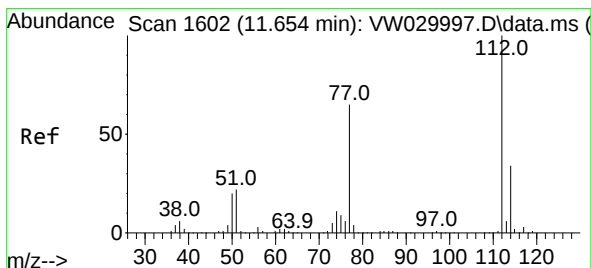
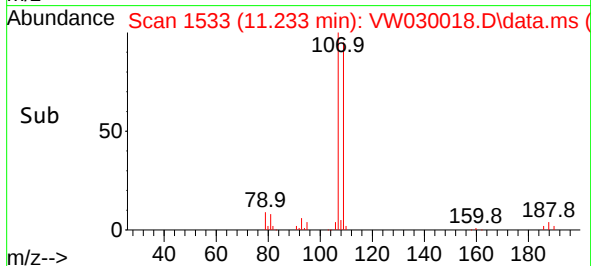
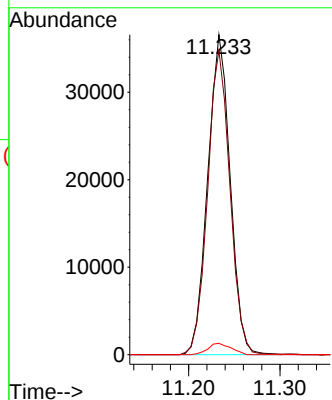
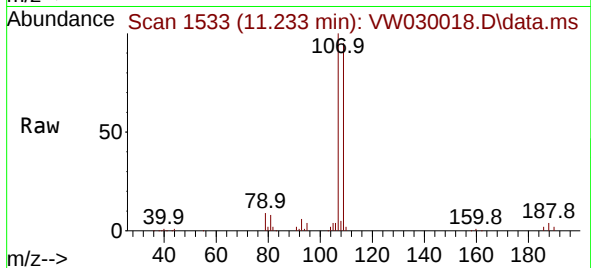
GCN87MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 6237  |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 109       | 95.1  | 64.8  | 120.3 |
| 188       | 3.5   | 2.7   | 4.1   |

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#51

Chlorobenzene

Concen: 16.417 ug/L

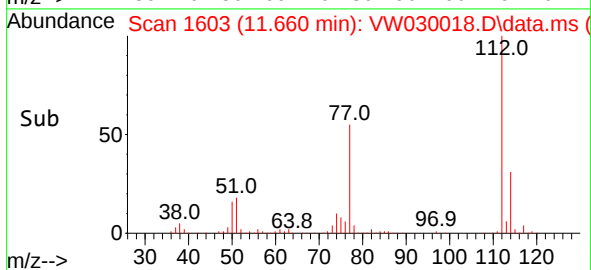
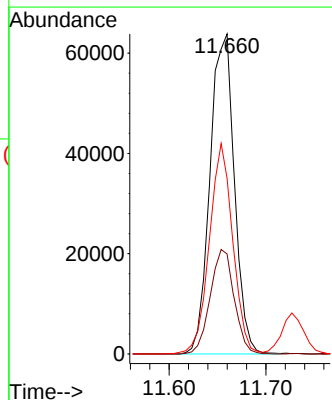
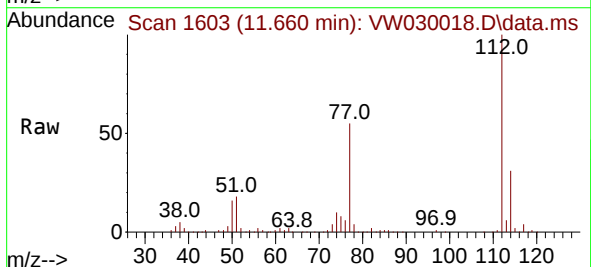
RT: 11.660 min Scan# 1603

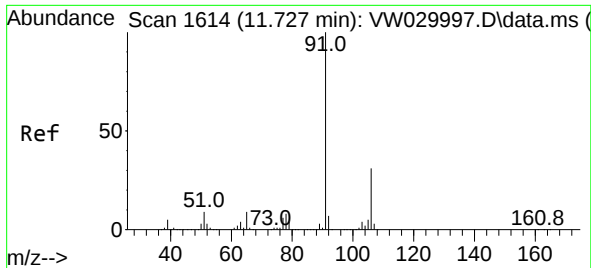
Delta R.T. 0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

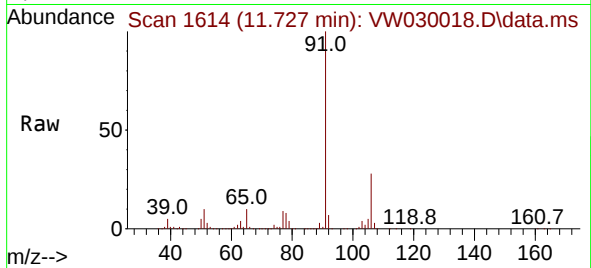
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 111814 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 114       | 31.3  | 22.0  | 40.8   |
| 77        | 54.9  | 53.8  | 80.8   |





#52  
Ethylbenzene  
Concen: 11.788 ug/L  
RT: 11.727 min Scan# 1614  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

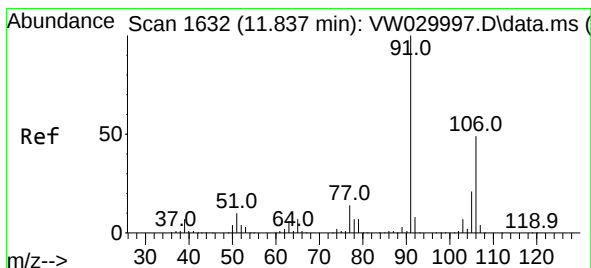
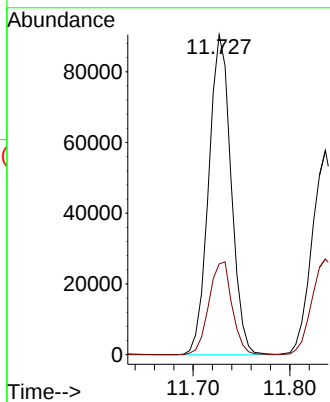
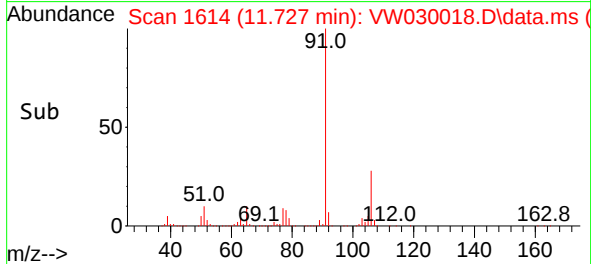
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



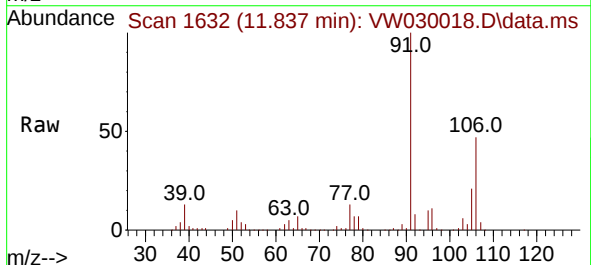
Tgt Ion: 91 Resp: 14559  
Ion Ratio Lower Upper  
91 100  
106 28.4 20.4 38.0

Manual Integrations  
APPROVED

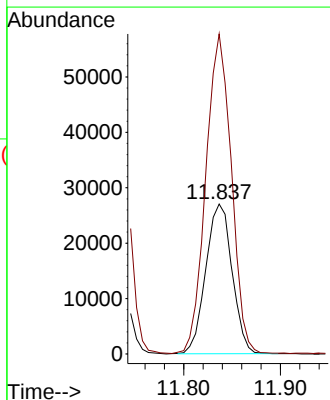
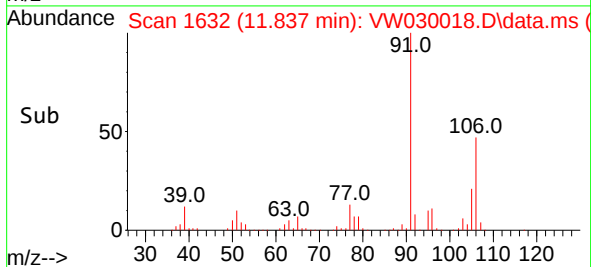
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

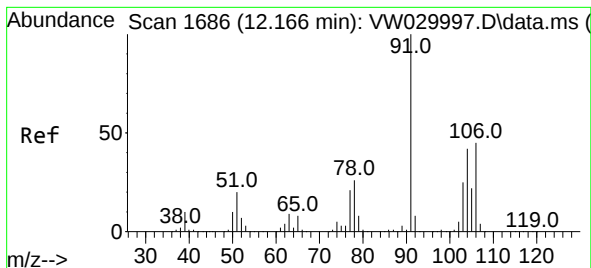


#53  
m,p-Xylene  
Concen: 11.261 ug/L  
RT: 11.837 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



Tgt Ion:106 Resp: 51151  
Ion Ratio Lower Upper  
106 100  
91 213.5 151.4 281.2





#54

o-Xylene

Concen: 12.106 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA\_W

ClientSampleId :

GCN87MS

Tgt Ion:106 Resp: 5064

Ion Ratio Lower Upper

106 100

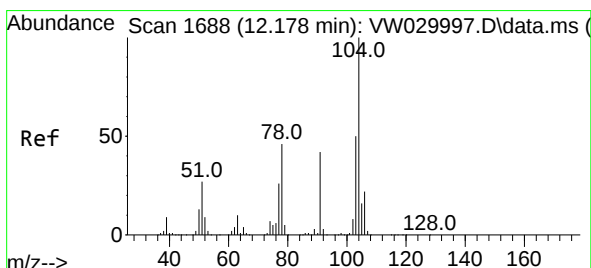
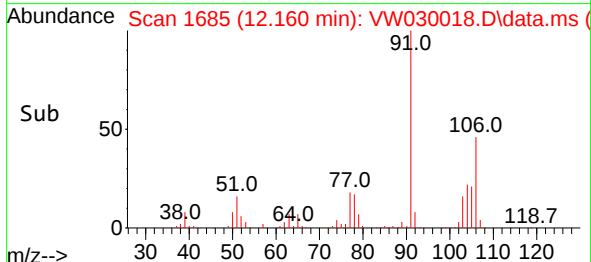
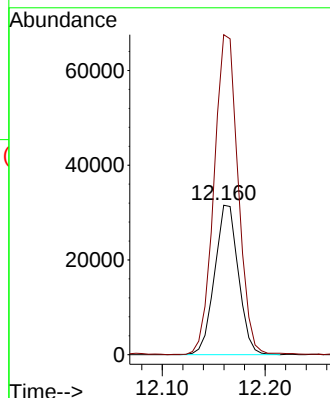
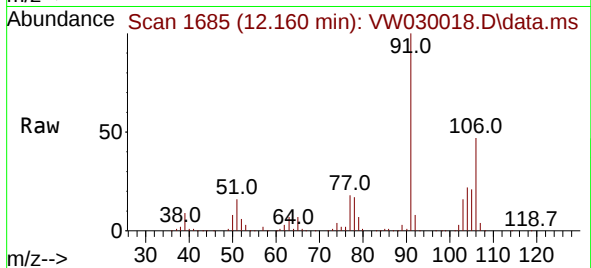
91 214.1 155.8 289.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/26/2024

Supervised By :Mahesh Dadoda 08/27/2024



#55

Styrene

Concen: 13.423 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030018.D

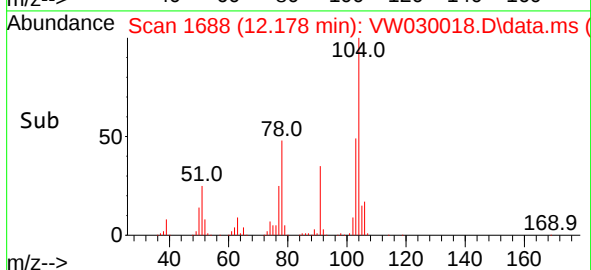
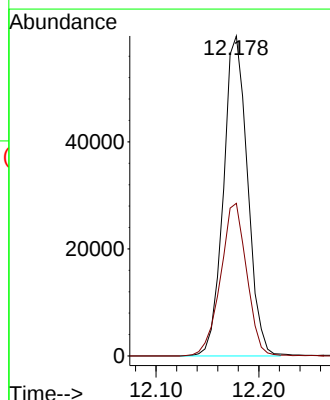
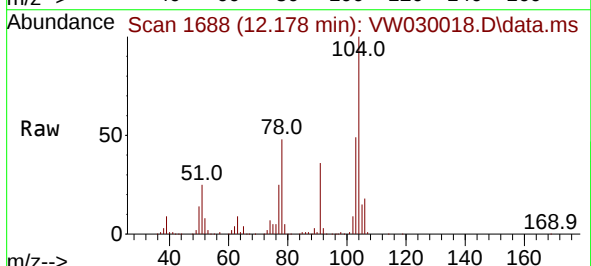
Acq: 23 Aug 2024 18:18

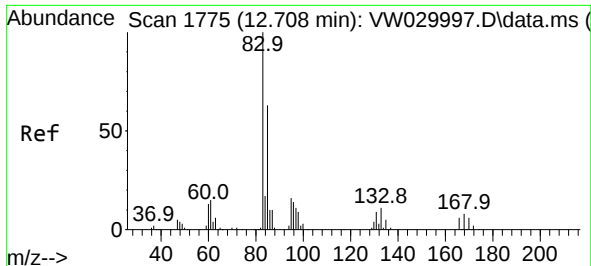
Tgt Ion:104 Resp: 97328

Ion Ratio Lower Upper

104 100

78 47.7 33.3 61.9





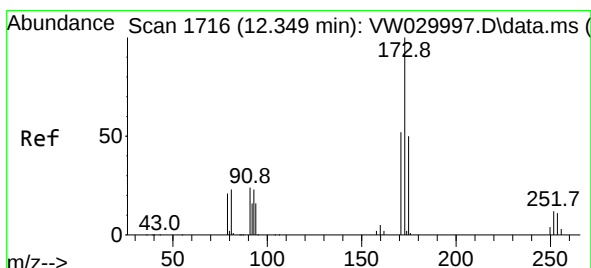
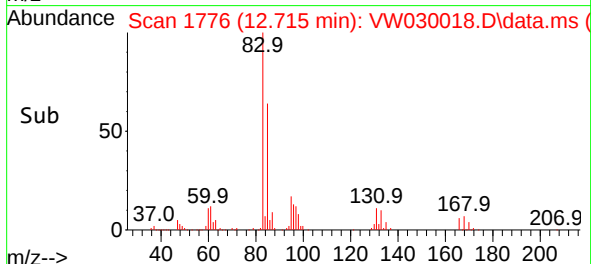
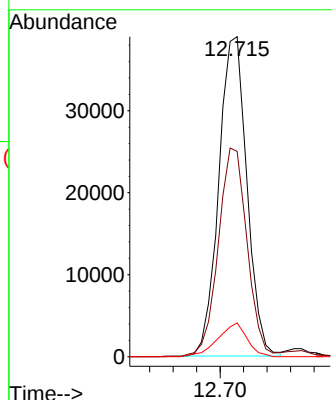
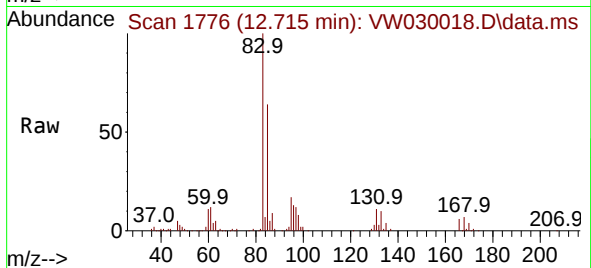
#57  
1,1,2,2-Tetrachloroethane  
Concen: 26.766 ug/L  
RT: 12.715 min Scan# 1775  
Delta R.T. 0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS

Tgt Ion: 83 Resp: 64880  
Ion Ratio Lower Upper  
83 100  
85 64.2 44.2 82.0  
131 10.5 6.2 9.2

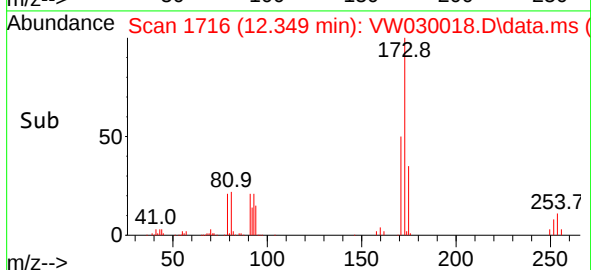
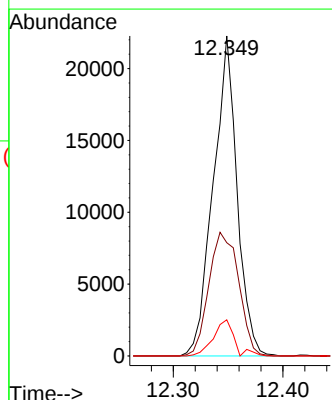
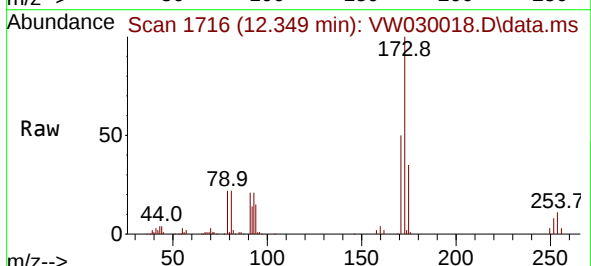
Manual Integrations  
APPROVED

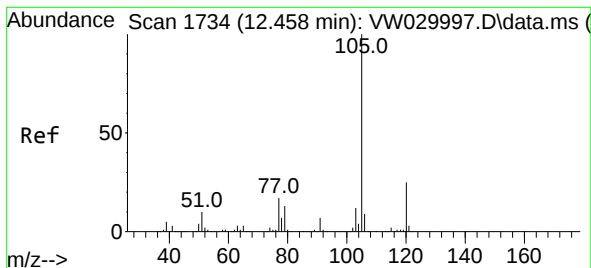
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#59  
Bromoform  
Concen: 64.596 ug/L  
RT: 12.349 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Tgt Ion:173 Resp: 33681  
Ion Ratio Lower Upper  
173 100  
175 48.3 38.1 57.1  
254 9.1 7.8 11.6





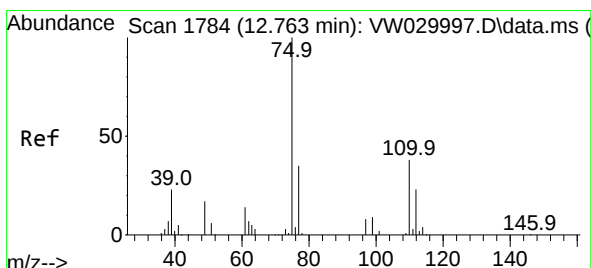
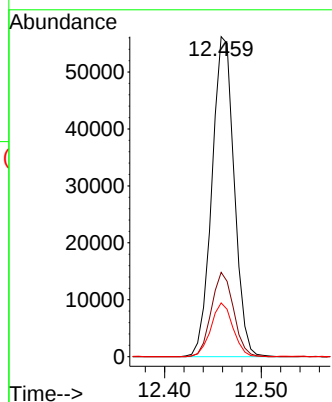
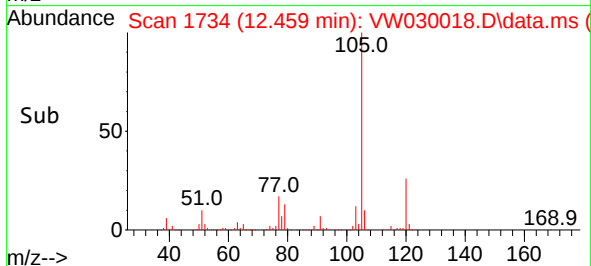
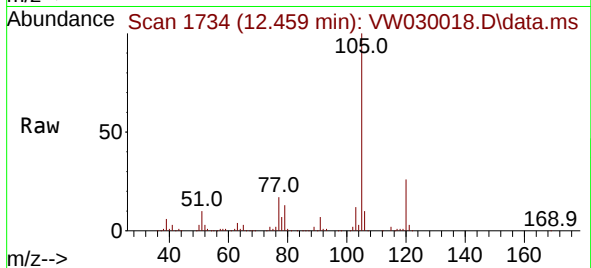
#60  
Isopropylbenzene  
Concen: 16.755 ug/L  
RT: 12.459 min Scan# 1734  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS

Tgt Ion:105 Resp: 8984  
Ion Ratio Lower Upper  
105 100  
120 26.2 20.3 30.5  
77 16.6 14.0 21.0

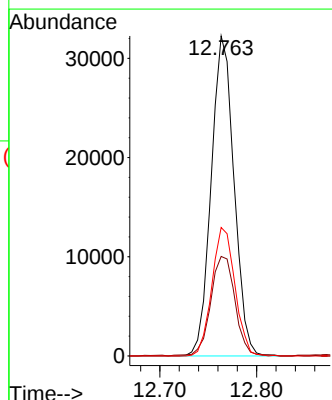
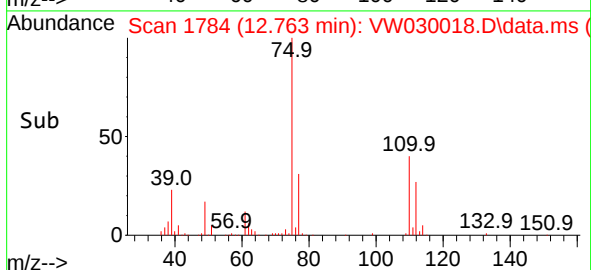
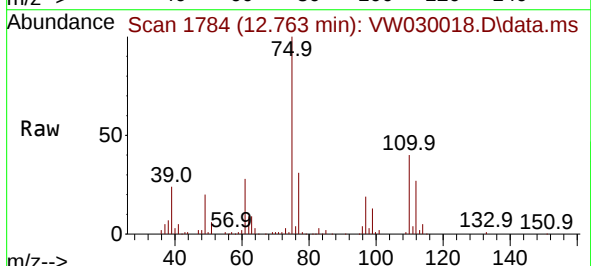
Manual Integrations  
APPROVED

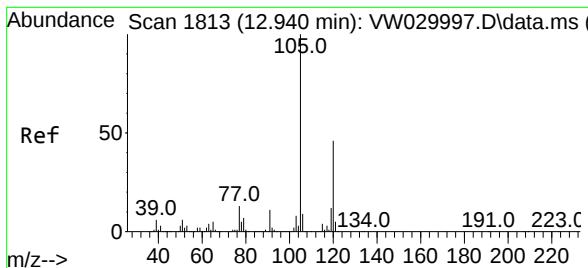
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#61  
1,2,3-Trichloropropane  
Concen: 62.693 ug/L  
RT: 12.763 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

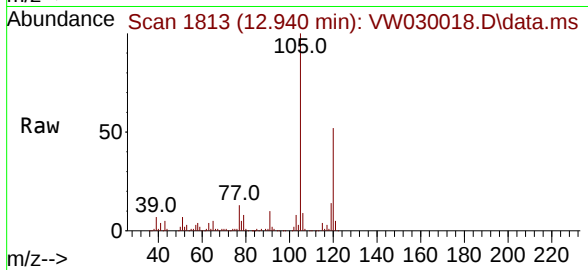
Tgt Ion: 75 Resp: 52837  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.4 38.0  
110 40.5 28.6 43.0





#62  
1,3,5-Trimethylbenzene  
Concen: 13.710 ug/L  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

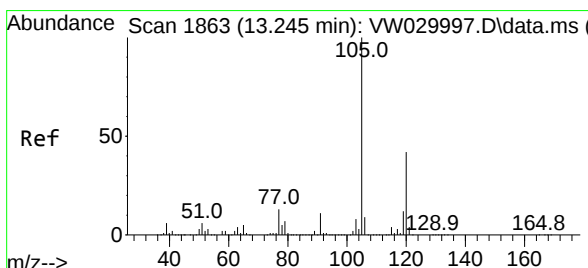
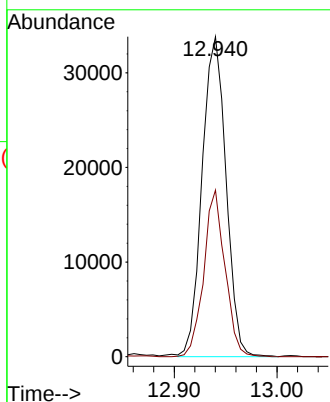
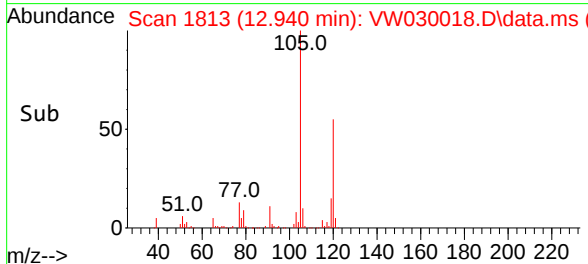
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



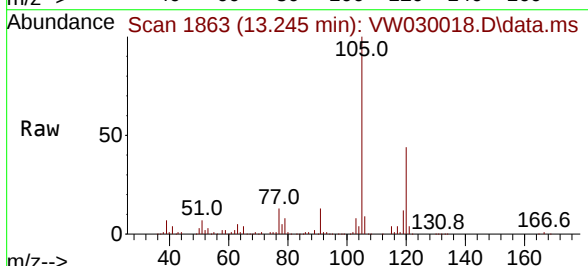
Tgt Ion:105 Resp: 5464  
Ion Ratio Lower Upper  
105 100  
120 46.2 38.2 57.2

Manual Integrations  
APPROVED

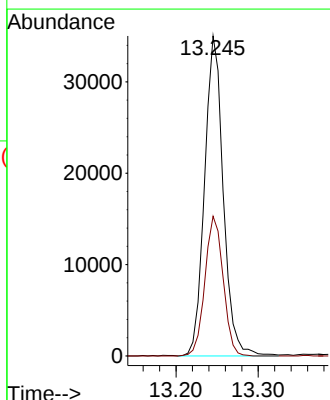
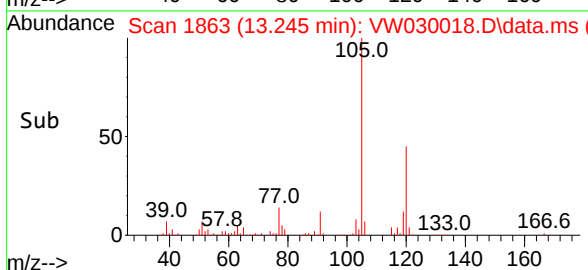
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

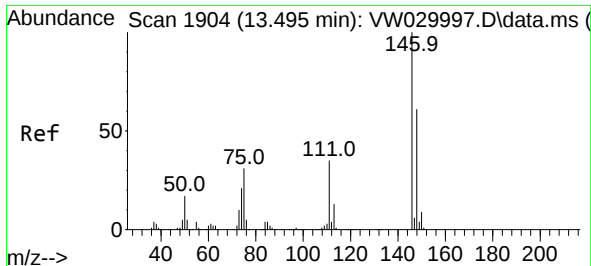


#63  
1,2,4-Trimethylbenzene  
Concen: 13.005 ug/L  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



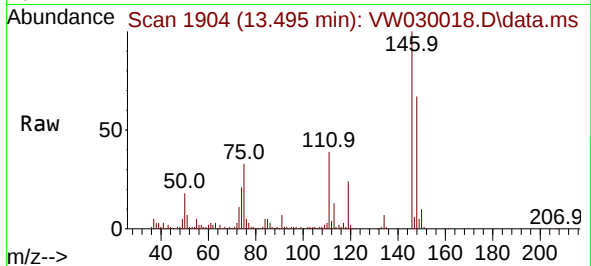
Tgt Ion:105 Resp: 55435  
Ion Ratio Lower Upper  
105 100  
120 42.4 35.4 53.0





#64  
1,3-Dichlorobenzene  
Concen: 15.934 ug/L  
RT: 13.495 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

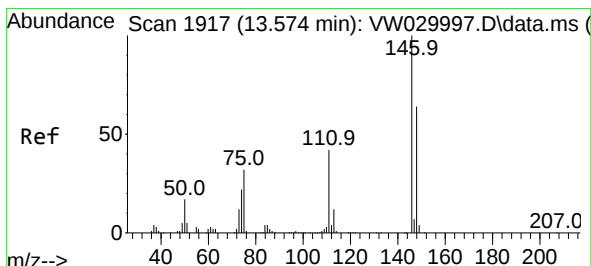
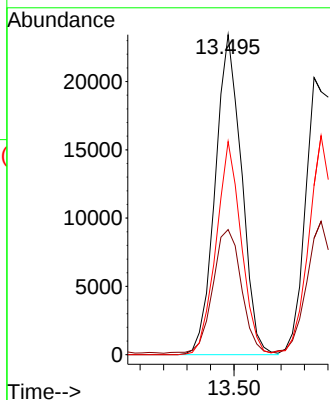
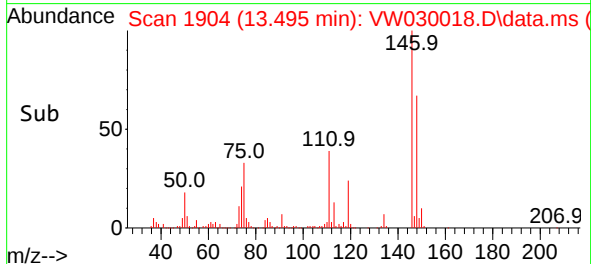
Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS



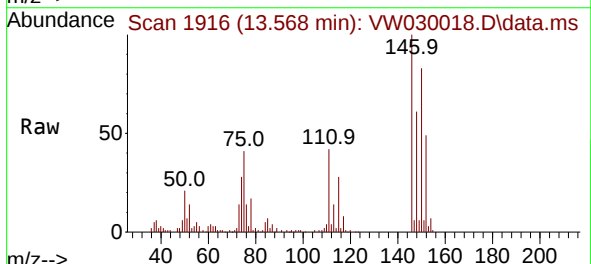
Tgt Ion:146 Resp: 3645  
Ion Ratio Lower Upper  
146 100  
111 39.1 28.7 53.3  
148 66.6 43.4 80.6

Manual Integrations  
APPROVED

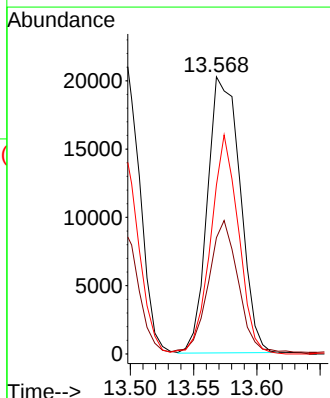
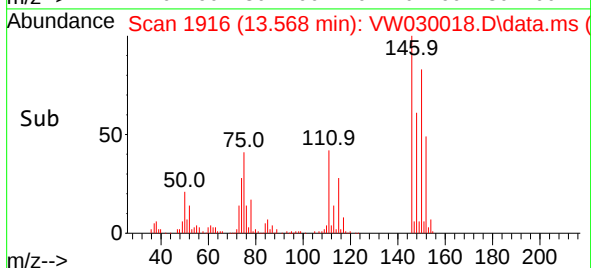
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024

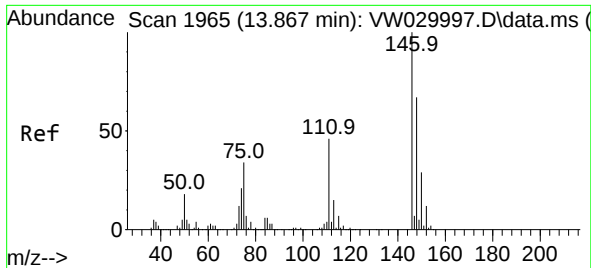


#65  
1,4-Dichlorobenzene  
Concen: 15.438 ug/L  
RT: 13.568 min Scan# 1916  
Delta R.T. -0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18



Tgt Ion:146 Resp: 36280  
Ion Ratio Lower Upper  
146 100  
111 42.0 30.1 55.9  
148 60.9 45.4 84.4





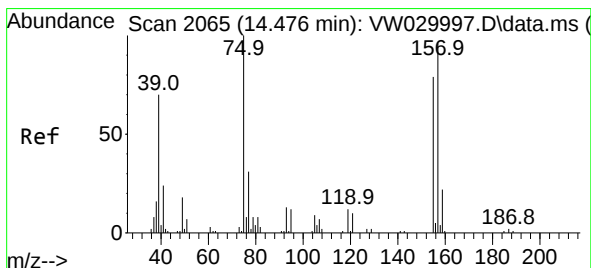
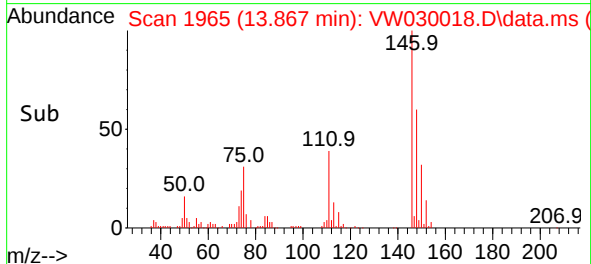
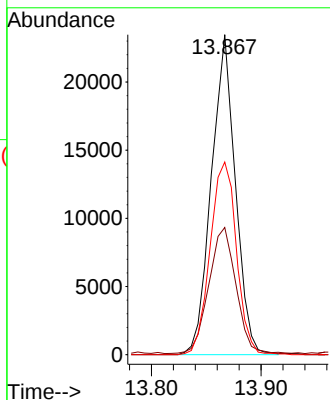
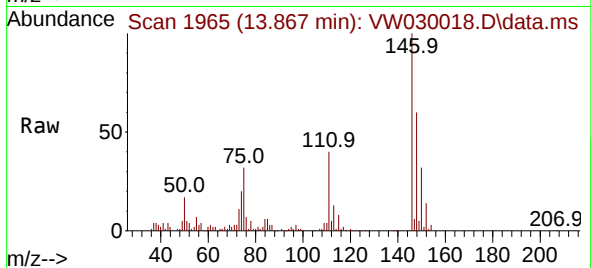
#67  
1,2-Dichlorobenzene  
Concen: 17.182 ug/L  
RT: 13.867 min Scan# 1965  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument :  
MSVOA\_W  
ClientSampleId :  
GCN87MS

Tgt Ion:146 Resp: 3578  
Ion Ratio Lower Upper  
146 100  
111 39.7 35.8 53.8  
148 60.2 52.6 78.8

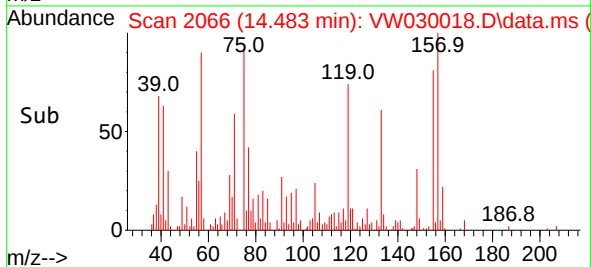
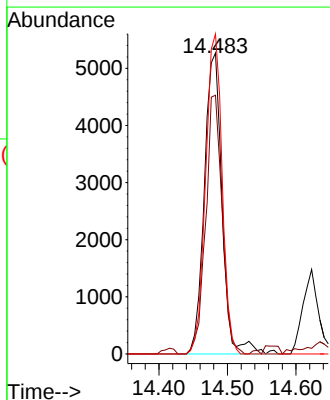
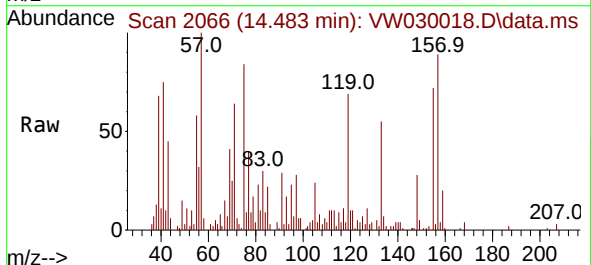
Manual Integrations  
APPROVED

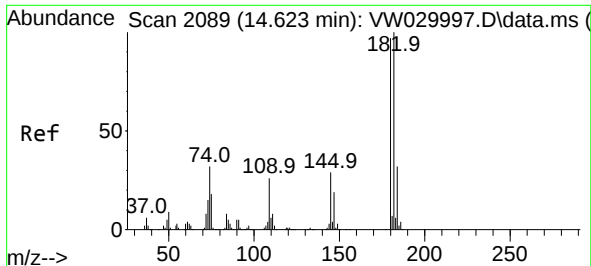
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#68  
1,2-Dibromo-3-chloropropane  
Concen: 49.592 ug/L  
RT: 14.483 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Tgt Ion: 75 Resp: 9490  
Ion Ratio Lower Upper  
75 100  
155 86.0 47.8 71.6#  
157 106.3 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 7.424 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

Instrument :

MSVOA\_W

ClientSampleId :

GCN87MS

Tgt Ion:180 Resp: 11620

Ion Ratio Lower Upper

180 100

182 97.6 72.7 109.1

184 29.3 23.3 34.9

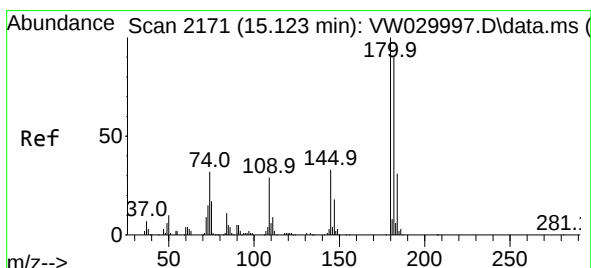
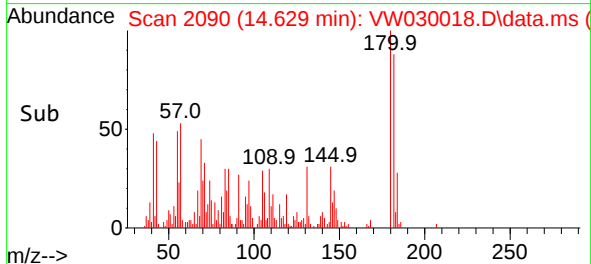
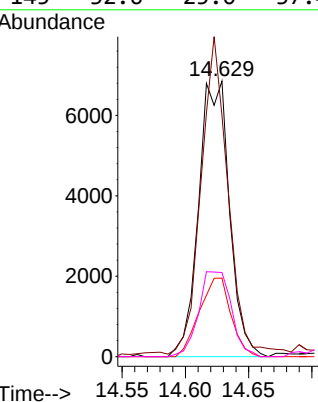
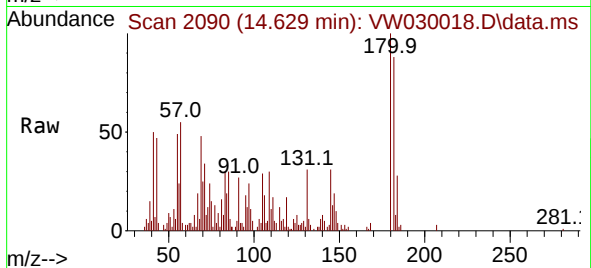
145 32.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/26/2024

Supervised By :Mahesh Dadoda 08/27/2024



#70

1,2,4-trichlorobenzene

Concen: 9.719 ug/L m

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030018.D

Acq: 23 Aug 2024 18:18

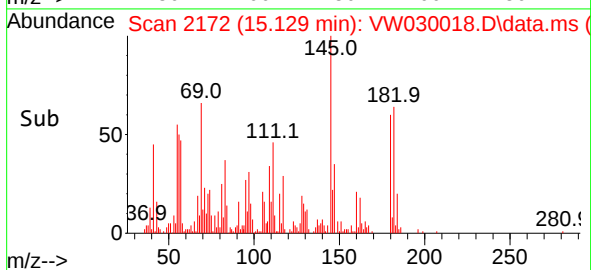
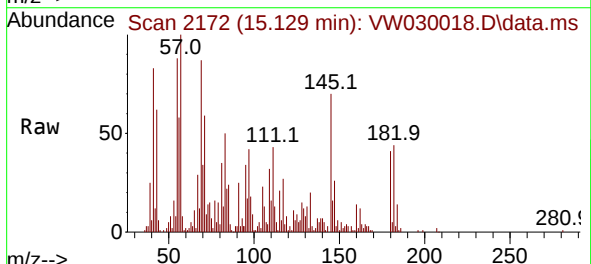
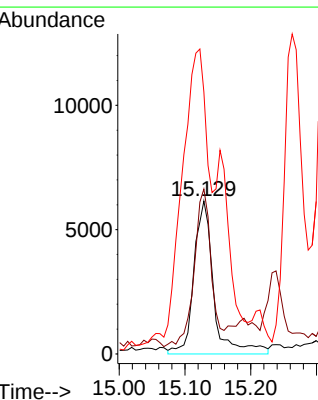
Tgt Ion:180 Resp: 12817

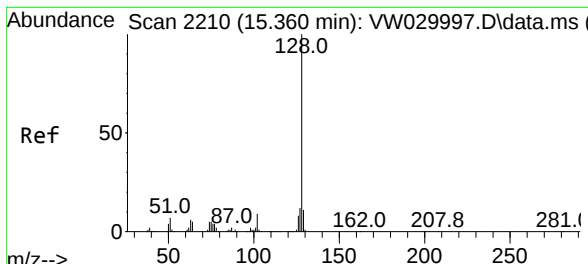
Ion Ratio Lower Upper

180 100

182 2.6 80.2 120.4#

145 0.9 26.3 39.5#



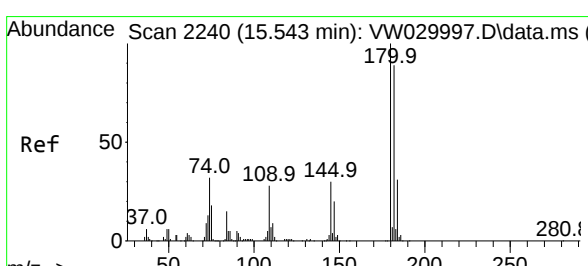
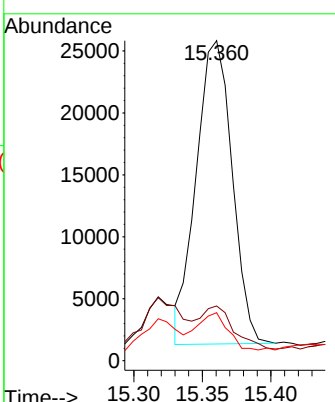
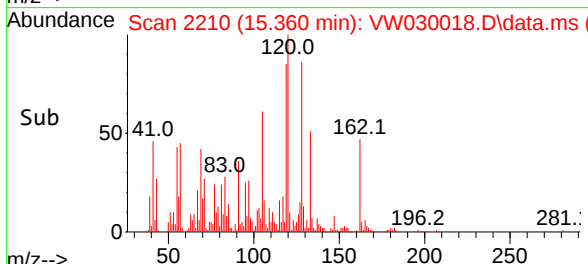
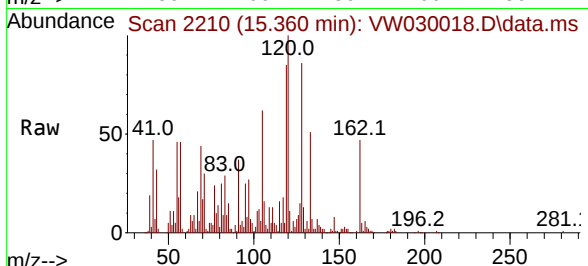


#71  
Naphthalene  
Concen: 17.736 ug/L  
RT: 15.360 min Scan# 2210  
Delta R.T. 0.000 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

Instrument : MSVOA\_W  
ClientSampleId : GCN87MS

|             |             |
|-------------|-------------|
| Tgt Ion:128 | Resp: 44628 |
| Ion Ratio   | Lower Upper |
| 128 100     |             |
| 127 12.9    | 10.7 16.1   |
| 129 10.4    | 8.9 13.3    |

Manual Integrations  
**APPROVED**  
Reviewed By :Romaben Patel 08/26/2024  
Supervised By :Mahesh Dadoda 08/27/2024



#72  
1,2,3-Trichlorobenzene  
Concen: 7.789 ug/L  
RT: 15.549 min Scan# 2241  
Delta R.T. 0.006 min  
Lab File: VW030018.D  
Acq: 23 Aug 2024 18:18

|             |             |
|-------------|-------------|
| Tgt Ion:180 | Resp: 9297  |
| Ion Ratio   | Lower Upper |
| 180 100     |             |
| 182 75.9    | 74.0 111.0  |
| 145 0.0     | 27.5 41.3   |

