

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122022\  
 Data File : VN075890.D  
 Acq On : 20 Dec 2022 11:36  
 Operator : JC\MD  
 Sample : VN1220WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01

Quant Time: Dec 21 01:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/21/2022  
 Supervised By : Mahesh Dadoda 12/21/2022

| Compound                     | R.T.           | QIon | Response            | Conc    | Units | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|-------|----------|
| -----                        |                |      |                     |         |       |          |
| Internal Standards           |                |      |                     |         |       |          |
| 1) Pentafluorobenzene        | 8.230          | 168  | 361137              | 50.000  | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.106          | 114  | 576687              | 50.000  | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 494195              | 50.000  | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.794         | 152  | 231017              | 50.000  | ug/l  | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.582          | 65   | 199584              | 50.800  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = 101.600% |         |       |          |
| 35) Dibromofluoromethane     | 8.171          | 113  | 187013              | 52.365  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = 104.720% |         |       |          |
| 50) Toluene-d8               | 10.571         | 98   | 692883              | 51.890  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = 103.780% |         |       |          |
| 62) 4-Bromofluorobenzene     | 12.853         | 95   | 227262              | 51.386  | ug/l  | 0.00     |
| Spiked Amount 50.000         | Range 83 - 123 |      | Recovery = 102.780% |         |       |          |
| Target Compounds             |                |      |                     |         |       |          |
|                              |                |      |                     |         |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.142          | 85   | 44632               | 17.406  | ug/l  | 98       |
| 3) Chloromethane             | 2.377          | 50   | 51783               | 16.240  | ug/l  | 95       |
| 4) Vinyl Chloride            | 2.530          | 62   | 63486               | 16.692  | ug/l  | 94       |
| 5) Bromomethane              | 2.965          | 94   | 53195               | 16.457  | ug/l  | 98       |
| 6) Chloroethane              | 3.136          | 64   | 47164               | 16.745  | ug/l  | 97       |
| 7) Trichlorofluoromethane    | 3.512          | 101  | 101515              | 17.590  | ug/l  | 98       |
| 8) Diethyl Ether             | 3.971          | 74   | 39532               | 18.754  | ug/l  | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.389          | 101  | 59273               | 17.986  | ug/l  | 98       |
| 10) Methyl Iodide            | 4.600          | 142  | 93455               | 17.474  | ug/l  | 99       |
| 11) Tert butyl alcohol       | 5.530          | 59   | 53763               | 96.709  | ug/l  | 100      |
| 12) 1,1-Dichloroethene       | 4.353          | 96   | 59079               | 18.458  | ug/l  | 94       |
| 13) Acrolein                 | 4.195          | 56   | 68368               | 100.313 | ug/l  | 98       |
| 14) Allyl chloride           | 5.036          | 41   | 67474               | 18.033  | ug/l  | 91       |
| 15) Acrylonitrile            | 5.730          | 53   | 142632              | 94.017  | ug/l  | 98       |
| 16) Acetone                  | 4.442          | 43   | 133712              | 98.728  | ug/l  | 99       |
| 17) Carbon Disulfide         | 4.724          | 76   | 128160              | 16.538  | ug/l  | 99       |
| 18) Methyl Acetate           | 5.042          | 43   | 74287               | 18.556  | ug/l  | 98       |
| 19) Methyl tert-butyl Ether  | 5.806          | 73   | 203515              | 19.308  | ug/l  | 93       |
| 20) Methylene Chloride       | 5.289          | 84   | 67550               | 18.238  | ug/l  | 96       |
| 21) trans-1,2-Dichloroethene | 5.800          | 96   | 62478               | 17.824  | ug/l  | 92       |
| 22) Diisopropyl ether        | 6.683          | 45   | 179211              | 19.717  | ug/l  | 97       |
| 23) Vinyl Acetate            | 6.612          | 43   | 567983m             | 92.841  | ug/l  |          |
| 24) 1,1-Dichloroethane       | 6.577          | 63   | 111491              | 18.392  | ug/l  | 97       |
| 25) 2-Butanone               | 7.488          | 43   | 187939              | 99.107  | ug/l  | 95       |
| 26) 2,2-Dichloropropane      | 7.506          | 77   | 96667               | 18.831  | ug/l  | 97       |
| 27) cis-1,2-Dichloroethene   | 7.500          | 96   | 76946               | 18.354  | ug/l  | 97       |
| 28) Bromochloromethane       | 7.824          | 49   | 47442               | 17.856  | ug/l  | 97       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 115350              | 97.065  | ug/l  | 100      |
| 30) Chloroform               | 7.971          | 83   | 122113              | 17.892  | ug/l  | 91       |
| 31) Cyclohexane              | 8.259          | 56   | 101977              | 18.124  | ug/l  | 93       |
| 32) 1,1,1-Trichloroethane    | 8.177          | 97   | 112093              | 18.525  | ug/l  | 97       |
| 36) 1,1-Dichloropropene      | 8.377          | 75   | 88339               | 18.621  | ug/l  | 97       |
| 37) Ethyl Acetate            | 7.571          | 43   | 70830               | 18.587  | ug/l  | 96       |
| 38) Carbon Tetrachloride     | 8.371          | 117  | 98878               | 18.622  | ug/l  | 94       |
| 39) Methylcyclohexane        | 9.606          | 83   | 112270              | 19.616  | ug/l  | 95       |
| 40) Benzene                  | 8.612          | 78   | 273151              | 18.661  | ug/l  | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122022\  
 Data File : VN075890.D  
 Acq On : 20 Dec 2022 11:36  
 Operator : JC\MD  
 Sample : VN1220WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/21/2022  
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 01:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.788  | 41   | 39529    | 19.956  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.677  | 62   | 89596    | 18.412  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.694  | 43   | 125487   | 19.963  | ug/l   | 99       |
| 44) Trichloroethene           | 9.353  | 130  | 71870    | 17.429  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 64027    | 17.975  | ug/l   | 96       |
| 46) Dibromomethane            | 9.712  | 93   | 48070    | 18.195  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.894  | 83   | 95893    | 18.509  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.682  | 41   | 57166    | 20.191  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 27024    | 388.258 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.447 | 43   | 378322   | 99.518  | ug/l   | 100      |
| 52) Toluene                   | 10.629 | 92   | 179931   | 18.875  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.835 | 75   | 93898    | 18.515  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 107810   | 19.362  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 11.018 | 97   | 71266    | 19.046  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.876 | 69   | 98365    | 19.792  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 11.165 | 76   | 114731   | 18.693  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 149120   | 94.238  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.194 | 43   | 279330   | 100.755 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.359 | 129  | 77330    | 18.584  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 71087    | 18.774  | ug/l   | 96       |
| 64) Tetrachloroethene         | 11.106 | 164  | 66381    | 19.089  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.894 | 112  | 192213   | 18.950  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.965 | 131  | 74187    | 19.746  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.965 | 91   | 342701   | 20.018  | ug/l   | 100      |
| 68) m/p-Xylenes               | 12.070 | 106  | 271520   | 40.072  | ug/l   | 98       |
| 69) o-Xylene                  | 12.400 | 106  | 136665   | 20.381  | ug/l   | 97       |
| 70) Styrene                   | 12.412 | 104  | 214519   | 20.121  | ug/l   | 100      |
| 71) Bromoform                 | 12.582 | 173  | 54107    | 19.792  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.700 | 105  | 346867   | 20.778  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.494 | 43   | 104855   | 21.410  | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane | 12.941 | 83   | 102376   | 19.837  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.994 | 75   | 76229m   | 16.370  | ug/l   |          |
| 77) Bromobenzene              | 12.982 | 156  | 85109    | 20.144  | ug/l   | 97       |
| 78) n-propylbenzene           | 13.041 | 91   | 385379   | 20.930  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 13.129 | 91   | 232005   | 20.185  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 13.176 | 105  | 293466   | 21.003  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.741 | 75   | 26575    | 20.542  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 13.129 | 91   | 232005   | 20.185  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.441 | 119  | 265035   | 21.514  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.482 | 105  | 291671   | 21.042  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.617 | 105  | 361376   | 21.253  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 303808   | 21.473  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.735 | 146  | 152923   | 19.595  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.812 | 146  | 150910   | 18.929  | ug/l   | 99       |
| 89) n-Butylbenzene            | 14.059 | 91   | 237078   | 20.684  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.335 | 117  | 51707    | 20.431  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 14.112 | 146  | 153051   | 19.910  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.717 | 75   | 17623    | 19.244  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.394 | 180  | 76099    | 19.996  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.506 | 225  | 41903    | 20.181  | ug/l   | 99       |
| 95) Naphthalene               | 15.641 | 128  | 228749   | 19.579  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.841 | 180  | 74528    | 20.952  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122022\  
Data File : VN075890.D  
Acq On : 20 Dec 2022 11:36  
Operator : JC\MD  
Sample : VN1220WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 01:26:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 14 13:03:41 2022  
Response via : Initial Calibration

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

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

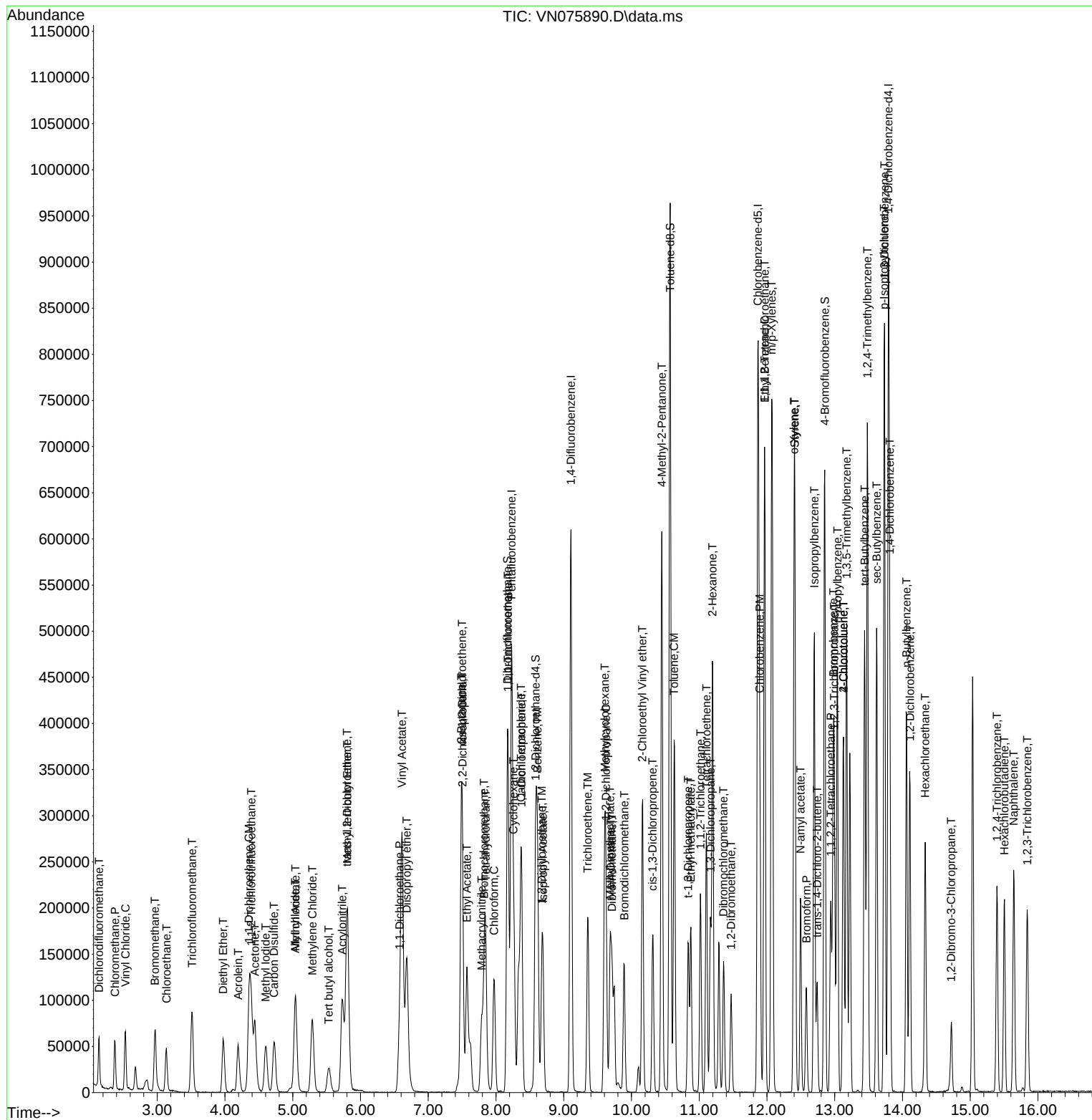
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN122022\  
 Data File : VN075890.D  
 Acq On : 20 Dec 2022 11:36  
 Operator : JC\MD  
 Sample : VN1220WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

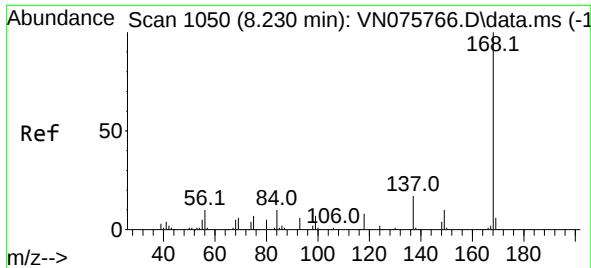
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01

### Manual Integrations APPROVED

Reviewed By : John Carlone 12/21/2022  
 Supervised By : Mahesh Dadoda 12/21/2022

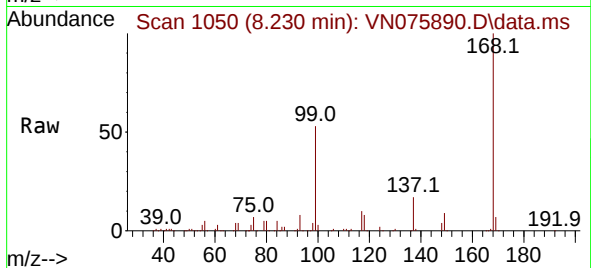
Quant Time: Dec 21 01:26:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 14 13:03:41 2022  
 Response via : Initial Calibration





#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.230 min Scan# 1050  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

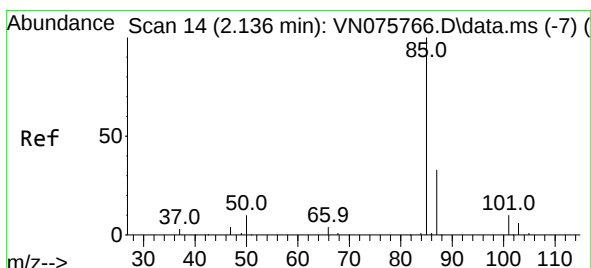
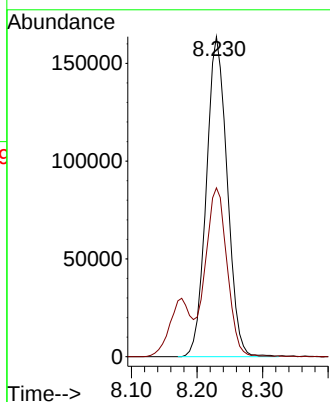
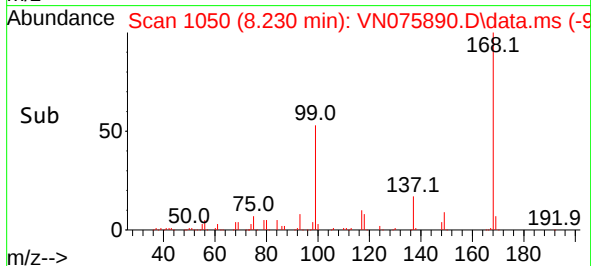
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion:168 Resp: 36113  
Ion Ratio Lower Upper  
168 100  
99 52.5 44.2 66.4

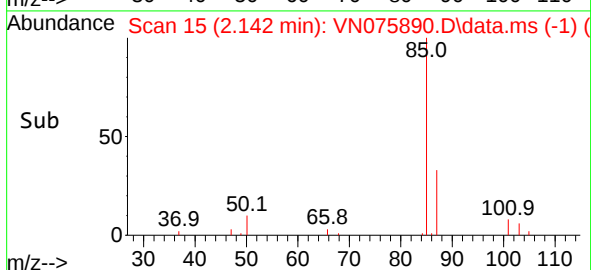
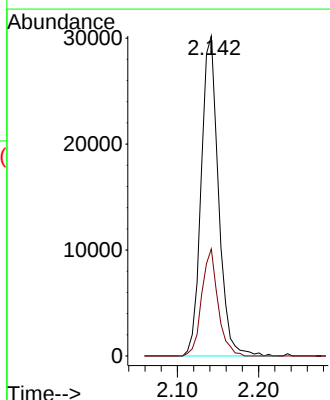
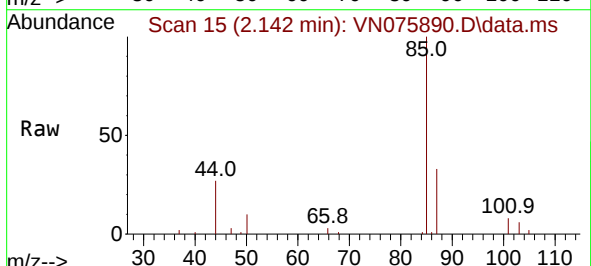
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#2  
Dichlorodifluoromethane  
Concen: 17.406 ug/l  
RT: 2.142 min Scan# 15  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 85 Resp: 44632  
Ion Ratio Lower Upper  
85 100  
87 33.5 16.3 48.9





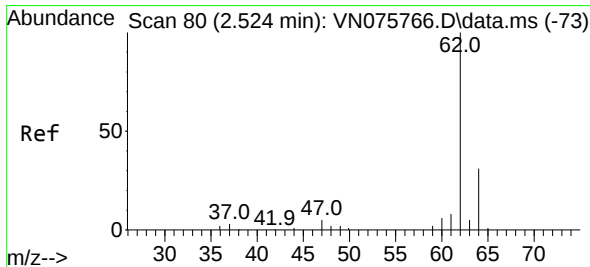
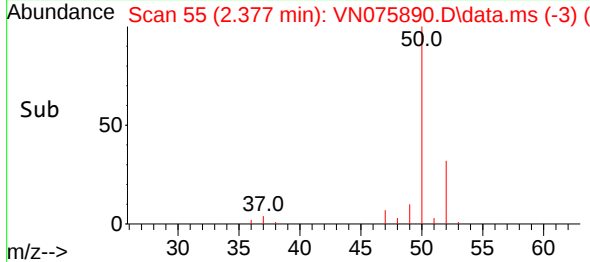
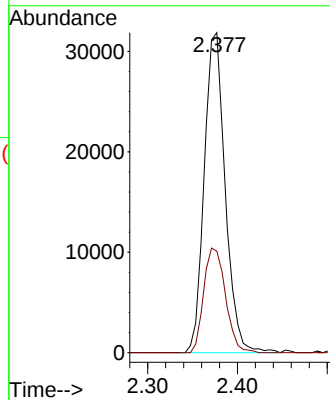
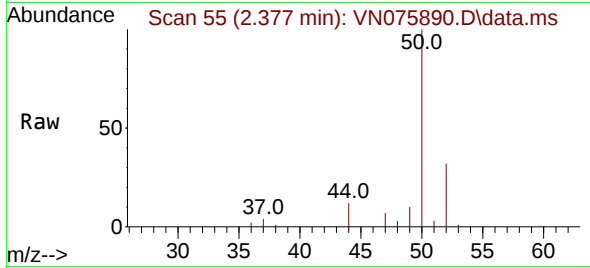
#3  
Chloromethane  
Concen: 16.240 ug/l  
RT: 2.377 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 50 Resp: 5178  
Ion Ratio Lower Upper  
50 100  
52 31.7 27.7 41.5

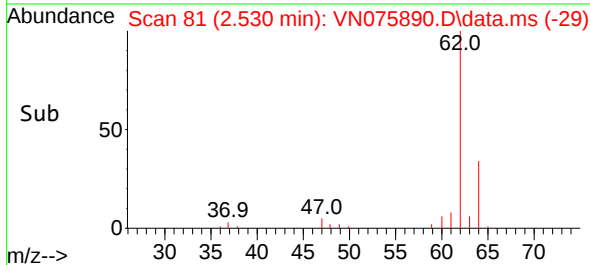
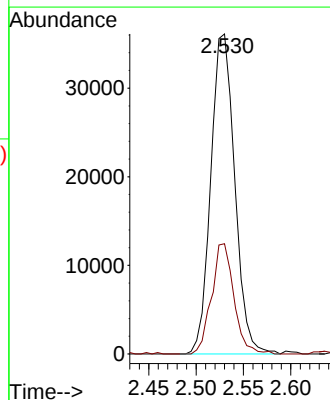
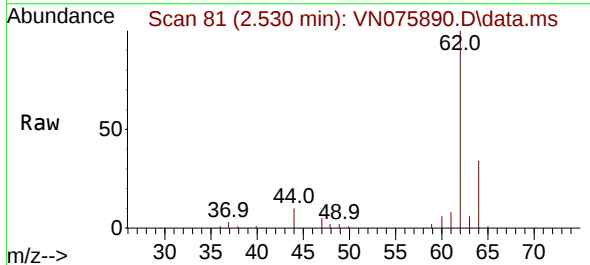
Manual Integrations  
APPROVED

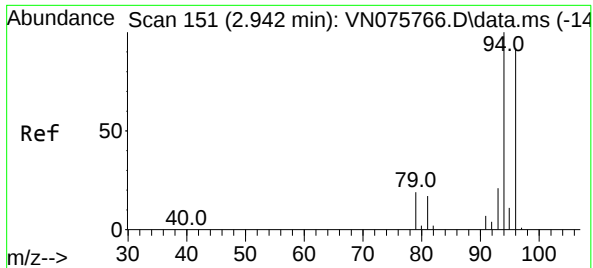
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#4  
Vinyl Chloride  
Concen: 16.692 ug/l  
RT: 2.530 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 62 Resp: 63486  
Ion Ratio Lower Upper  
62 100  
64 34.4 24.9 37.3





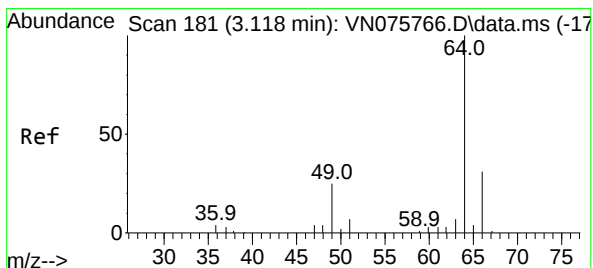
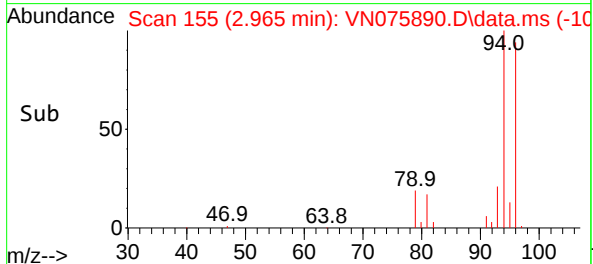
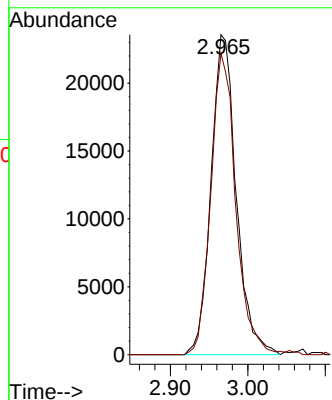
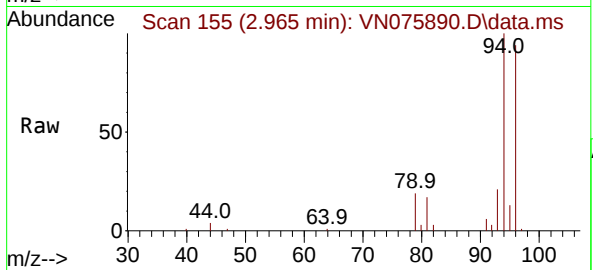
#5  
Bromomethane  
Concen: 16.457 ug/l  
RT: 2.965 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 94 Resp: 5319  
Ion Ratio Lower Upper  
94 100  
96 94.1 73.8 110.6

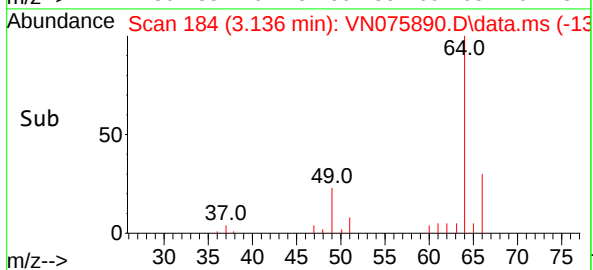
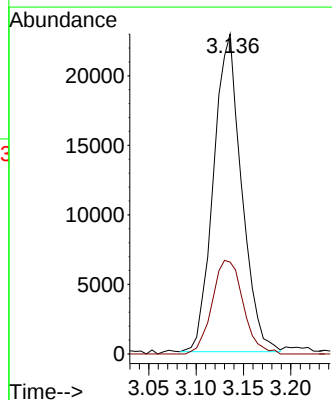
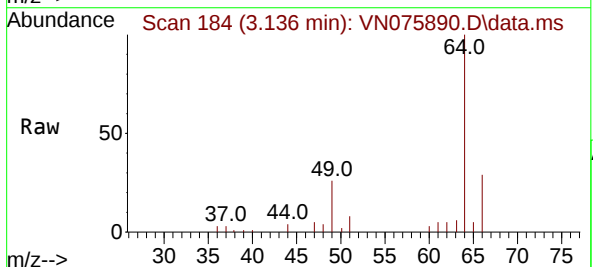
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#6  
Chloroethane  
Concen: 16.745 ug/l  
RT: 3.136 min Scan# 184  
Delta R.T. 0.018 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 64 Resp: 47164  
Ion Ratio Lower Upper  
64 100  
66 28.9 24.6 36.8





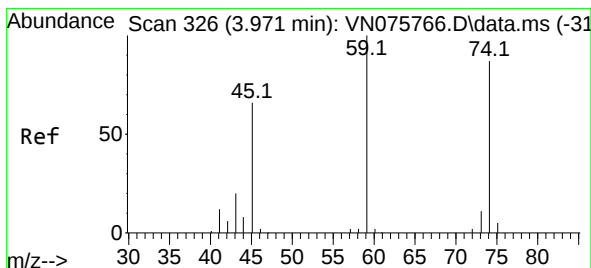
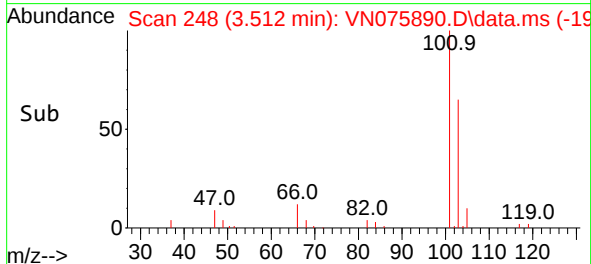
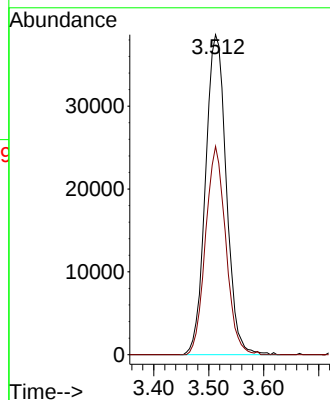
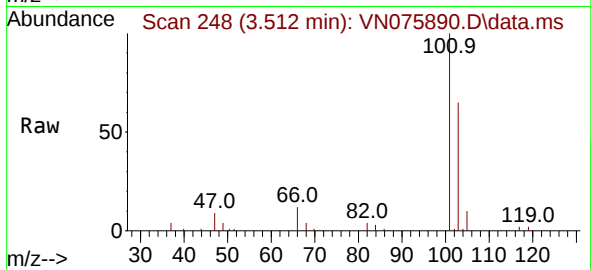
#7  
Trichlorofluoromethane  
Concen: 17.590 ug/l  
RT: 3.512 min Scan# 246  
Delta R.T. 0.012 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:101 Resp: 10151  
Ion Ratio Lower Upper  
101 100  
103 65.1 53.4 80.2

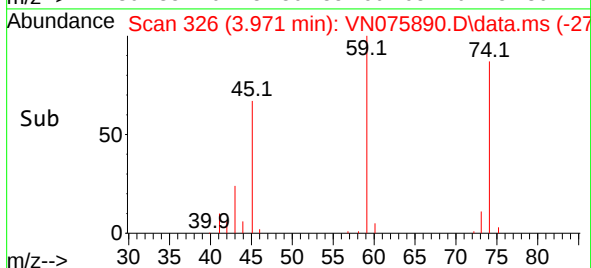
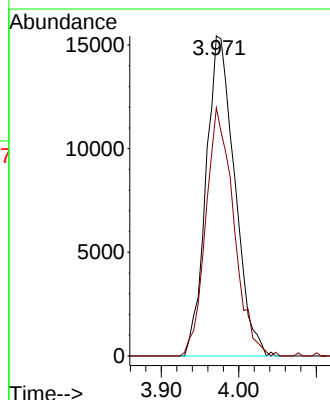
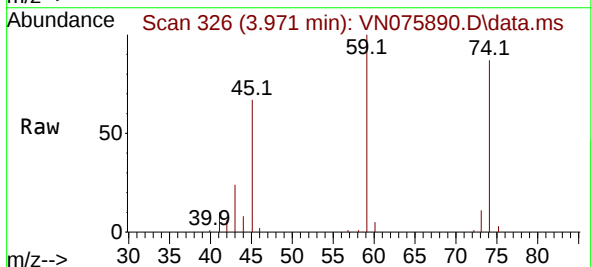
Manual Integrations  
APPROVED

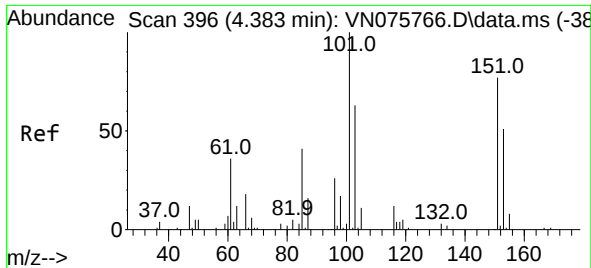
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#8  
Diethyl Ether  
Concen: 18.754 ug/l  
RT: 3.971 min Scan# 326  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 74 Resp: 39532  
Ion Ratio Lower Upper  
74 100  
45 75.9 37.8 113.4





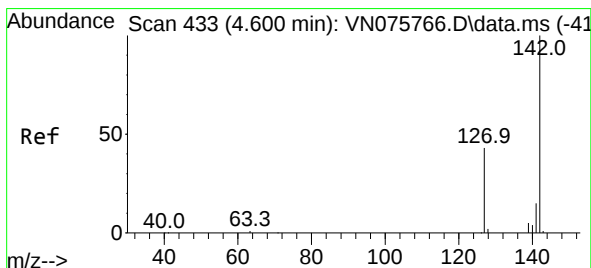
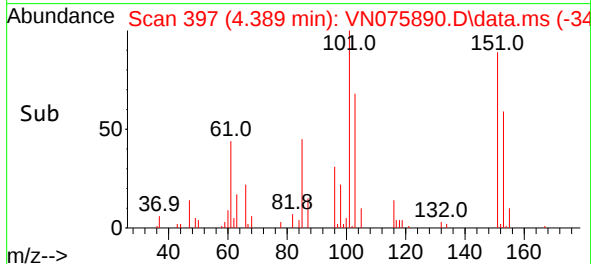
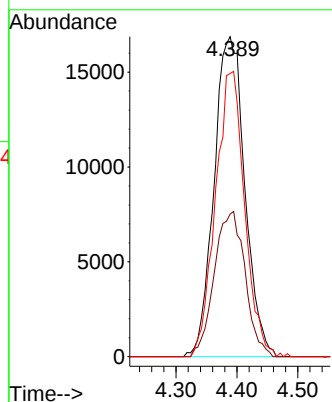
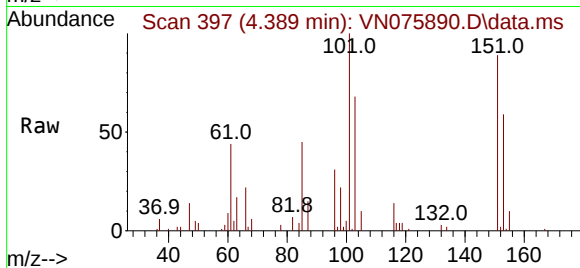
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 17.986 ug/l  
RT: 4.389 min Scan# 396  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:101 Resp: 5927  
Ion Ratio Lower Upper  
101 100  
85 45.4 35.3 52.9  
151 84.4 65.6 98.4

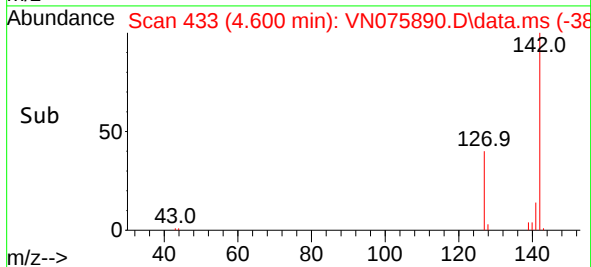
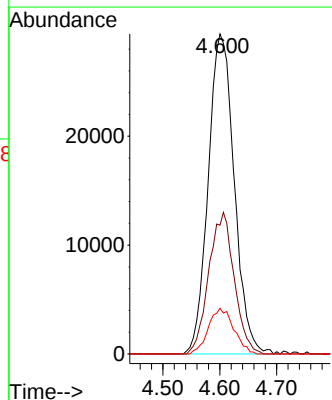
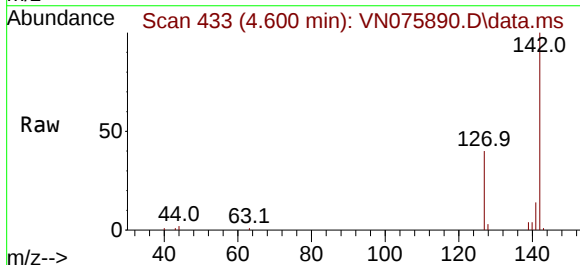
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#10  
Methyl Iodide  
Concen: 17.474 ug/l  
RT: 4.600 min Scan# 433  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:142 Resp: 93455  
Ion Ratio Lower Upper  
142 100  
127 43.1 34.7 52.1  
141 13.9 11.4 17.2





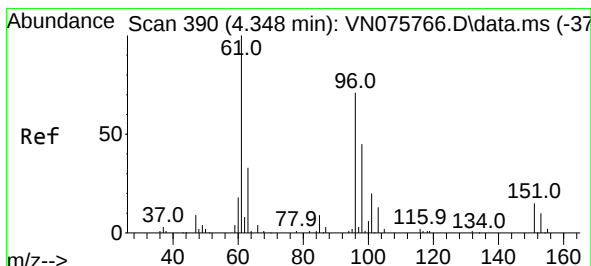
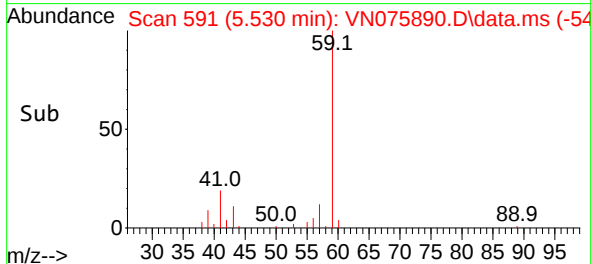
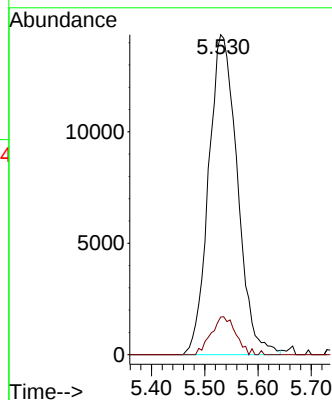
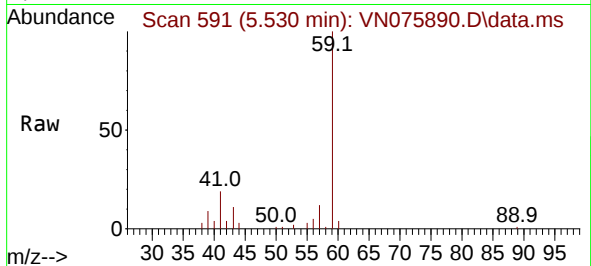
#11  
Tert butyl alcohol  
Concen: 96.709 ug/l  
RT: 5.530 min Scan# 591  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 59 Resp: 5376  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4

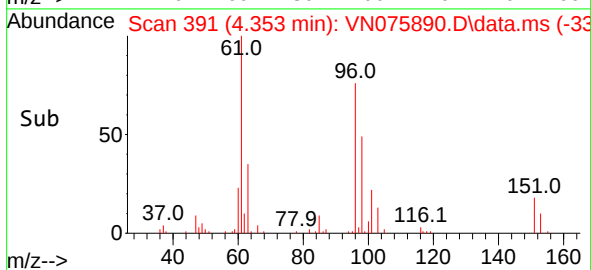
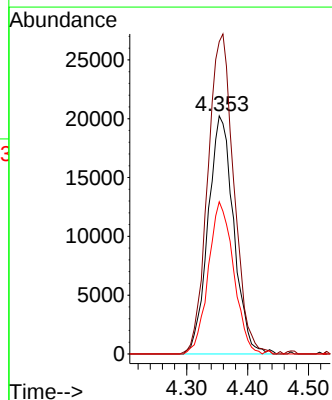
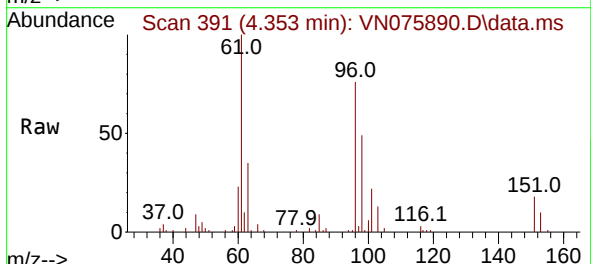
Manual Integrations  
APPROVED

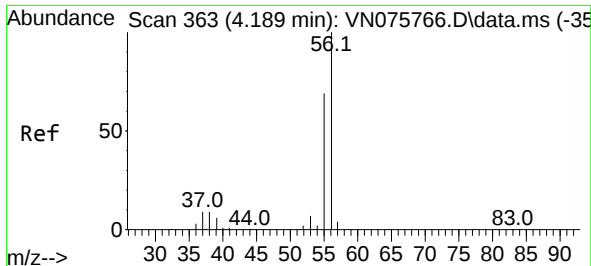
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#12  
1,1-Dichloroethene  
Concen: 18.458 ug/l  
RT: 4.353 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

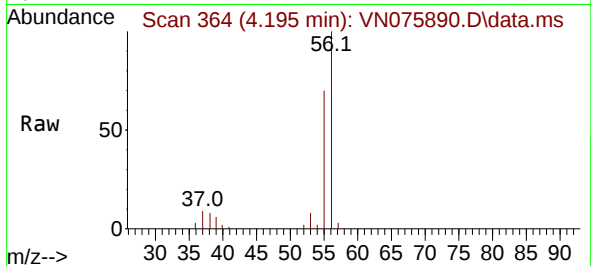
Tgt Ion: 96 Resp: 59079  
Ion Ratio Lower Upper  
96 100  
61 131.2 113.3 169.9  
98 63.9 50.9 76.3





#13  
Acrolein  
Concen: 100.313 ug/l  
RT: 4.195 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

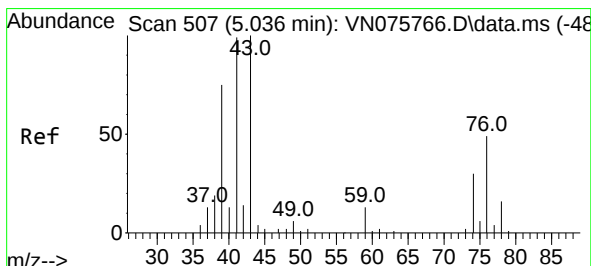
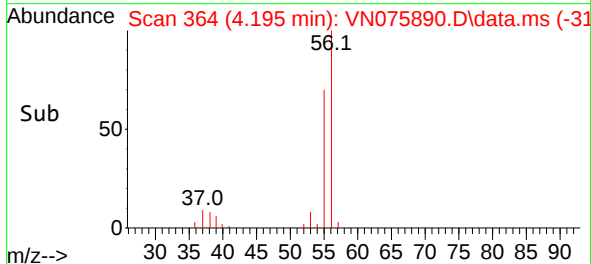
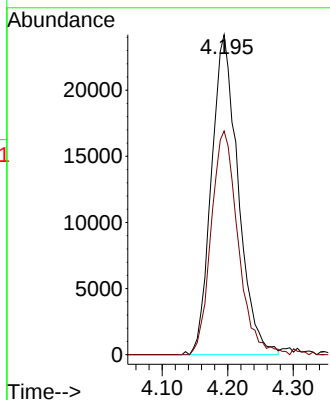
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion: 56 Resp: 68368  
Ion Ratio Lower Upper  
56 100  
55 70.4 54.8 82.2

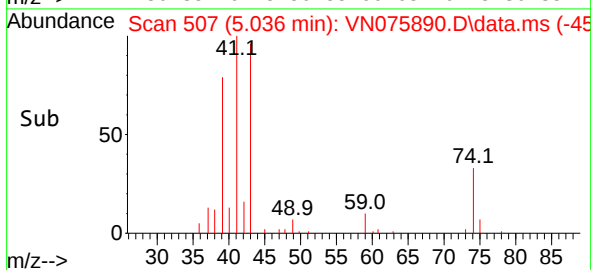
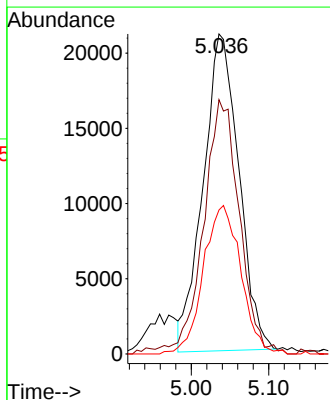
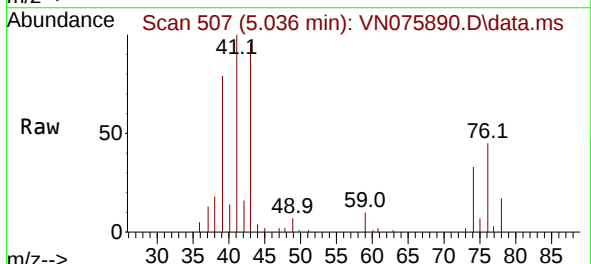
Manual Integrations  
APPROVED

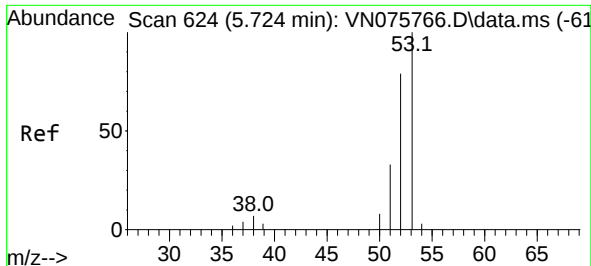
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#14  
Allyl chloride  
Concen: 18.033 ug/l  
RT: 5.036 min Scan# 507  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 41 Resp: 67474  
Ion Ratio Lower Upper  
41 100  
39 81.2 58.3 87.5  
76 49.2 35.8 53.6





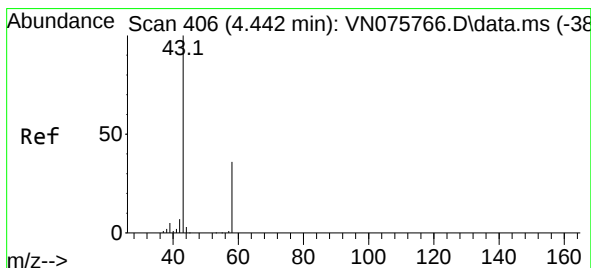
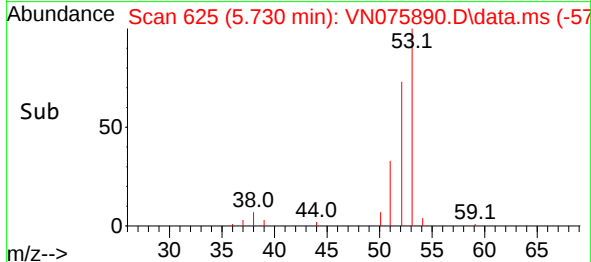
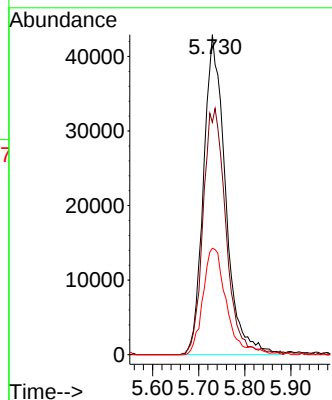
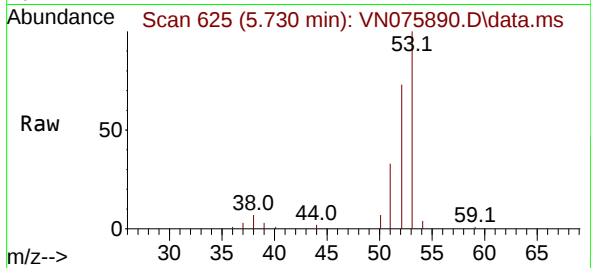
#15  
Acrylonitrile  
Concen: 94.017 ug/l  
RT: 5.730 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 53 Resp: 142632  
Ion Ratio Lower Upper  
53 100  
52 79.1 65.4 98.0  
51 35.7 28.9 43.3

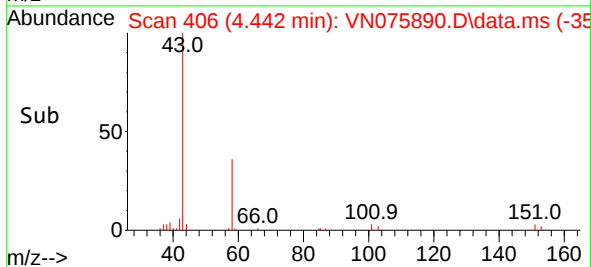
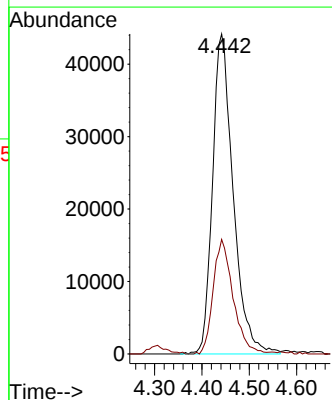
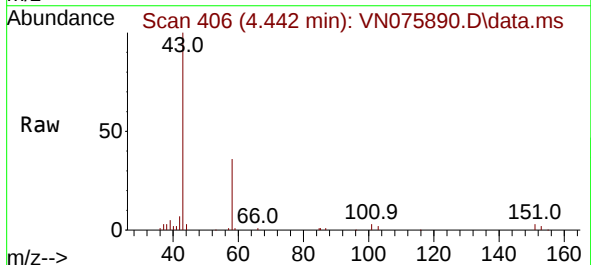
Manual Integrations  
APPROVED

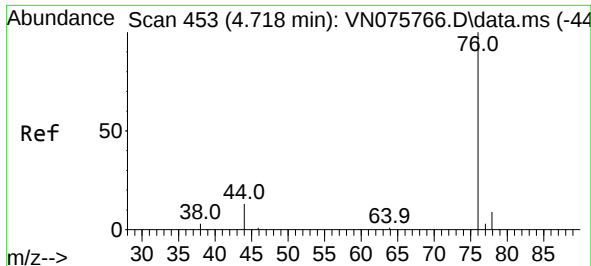
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#16  
Acetone  
Concen: 98.728 ug/l  
RT: 4.442 min Scan# 406  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

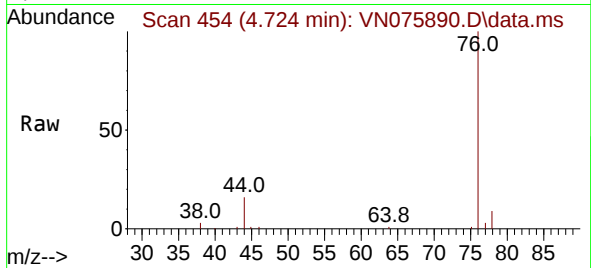
Tgt Ion: 43 Resp: 133712  
Ion Ratio Lower Upper  
43 100  
58 35.5 28.6 43.0





#17  
Carbon Disulfide  
Concen: 16.538 ug/l  
RT: 4.724 min Scan# 453  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

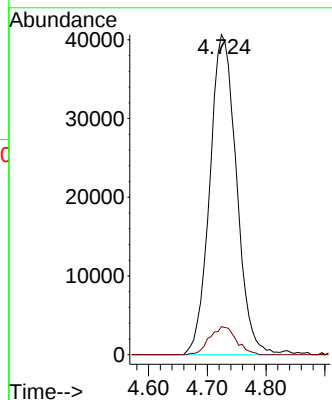
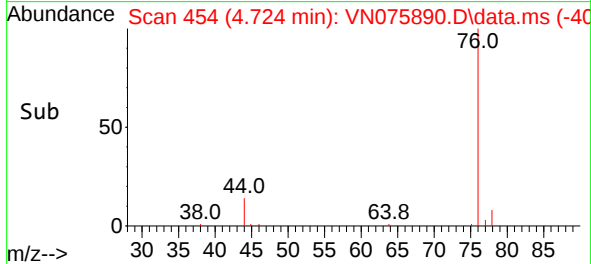
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



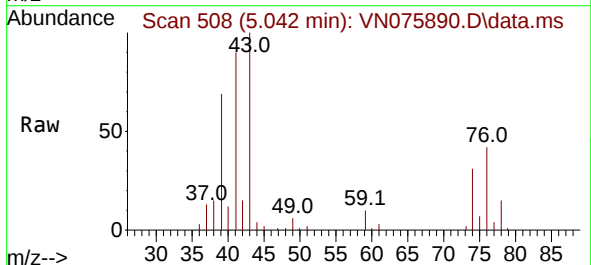
Tgt Ion: 76 Resp: 128160  
Ion Ratio Lower Upper  
76 100  
78 8.7 6.8 10.2

Manual Integrations  
APPROVED

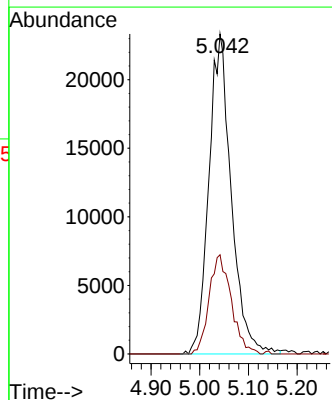
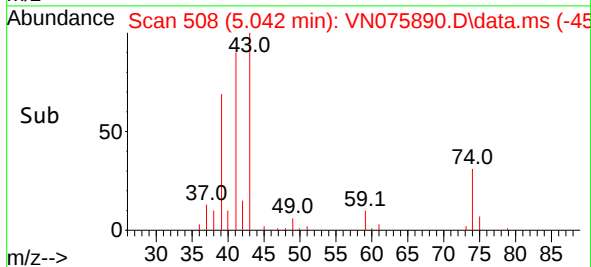
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

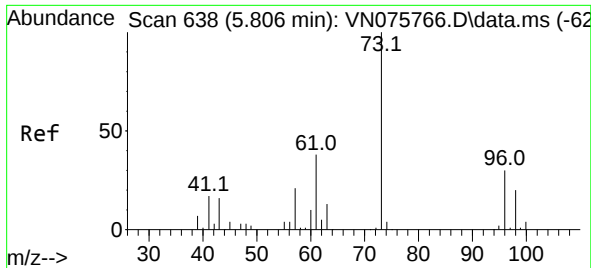


#18  
Methyl Acetate  
Concen: 18.556 ug/l  
RT: 5.042 min Scan# 508  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion: 43 Resp: 74287  
Ion Ratio Lower Upper  
43 100  
74 30.6 23.6 35.4





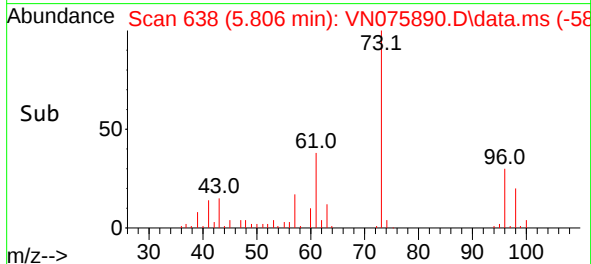
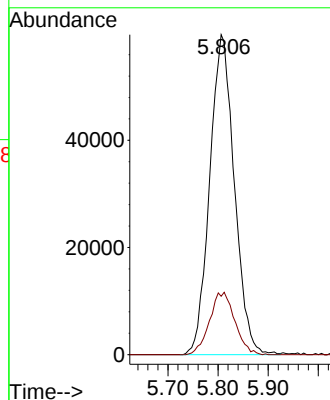
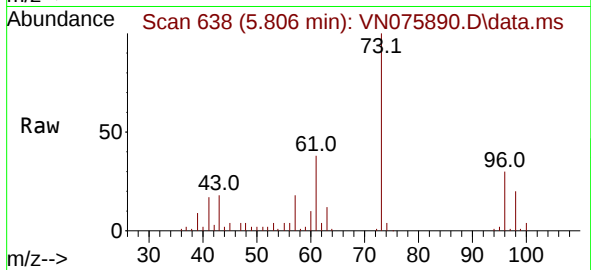
#19  
Methyl tert-butyl Ether  
Concen: 19.308 ug/l  
RT: 5.806 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 73 Resp: 20351  
Ion Ratio Lower Upper  
73 100  
57 18.2 17.1 25.7

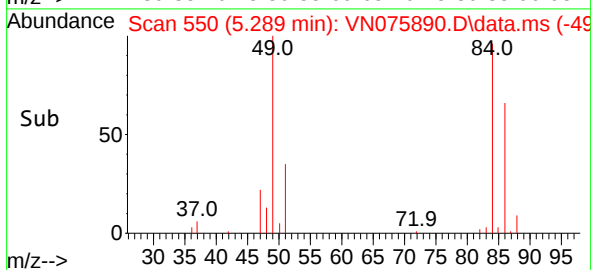
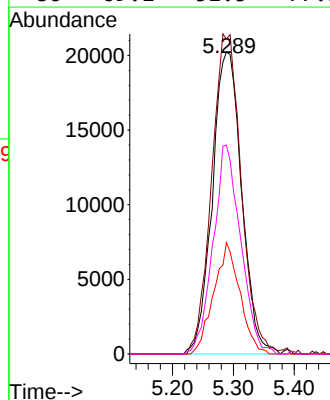
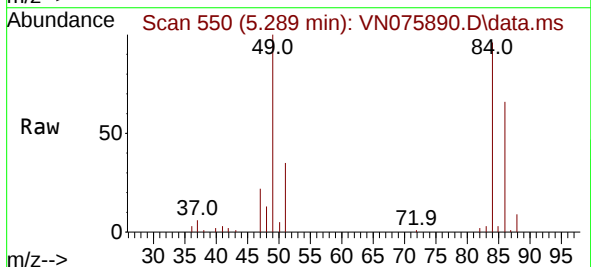
Manual Integrations  
APPROVED

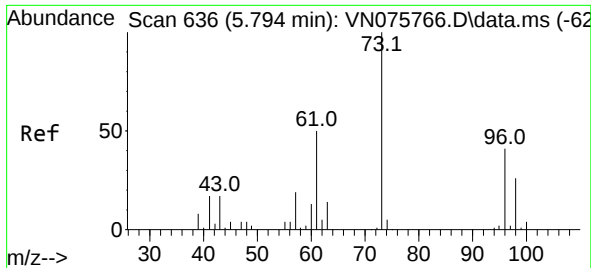
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#20  
Methylene Chloride  
Concen: 18.238 ug/l  
RT: 5.289 min Scan# 550  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 84 Resp: 67550  
Ion Ratio Lower Upper  
84 100  
49 104.4 81.8 122.6  
51 36.9 26.7 40.1  
86 69.1 51.5 77.3





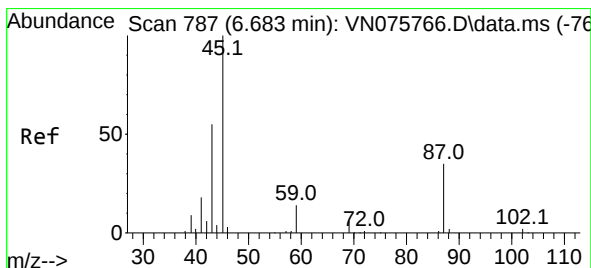
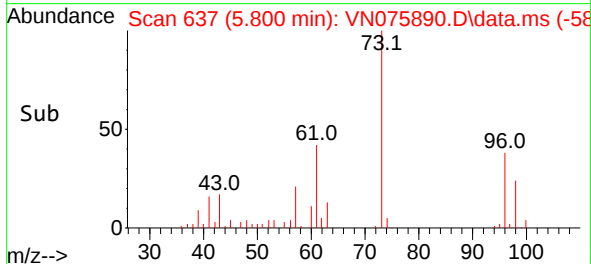
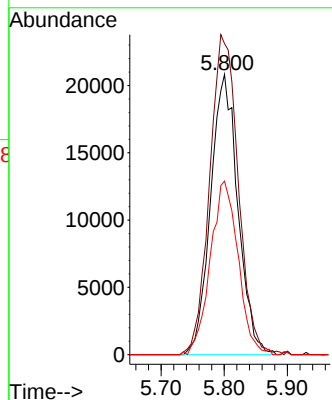
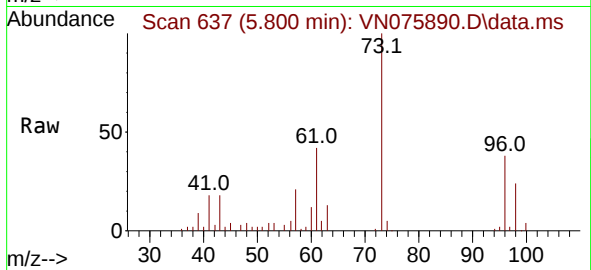
#21  
trans-1,2-Dichloroethene  
Concen: 17.824 ug/l  
RT: 5.800 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 96 Resp: 62478  
Ion Ratio Lower Upper  
96 100  
61 111.0 98.1 147.1  
98 61.9 51.4 77.2

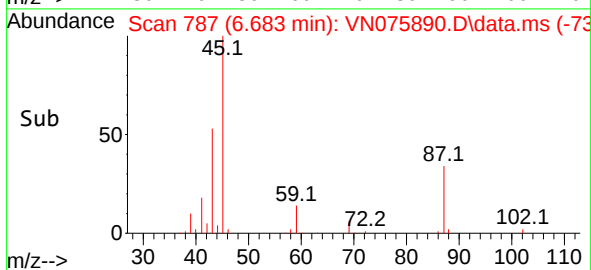
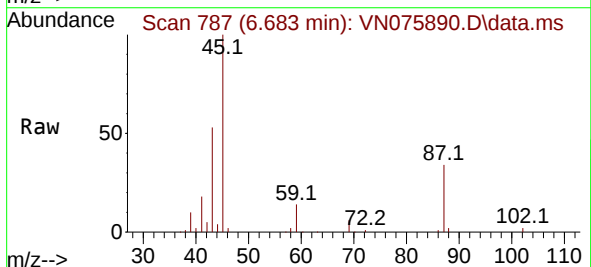
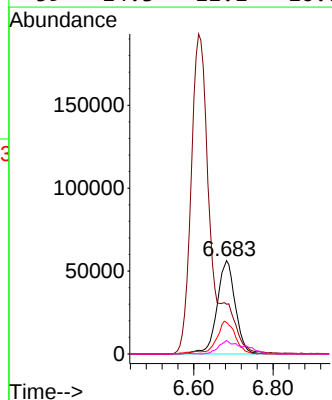
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#22  
Diisopropyl ether  
Concen: 19.717 ug/l  
RT: 6.683 min Scan# 787  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 45 Resp: 179211  
Ion Ratio Lower Upper  
45 100  
43 52.3 44.2 66.4  
87 33.8 28.3 42.5  
59 14.3 11.1 16.7





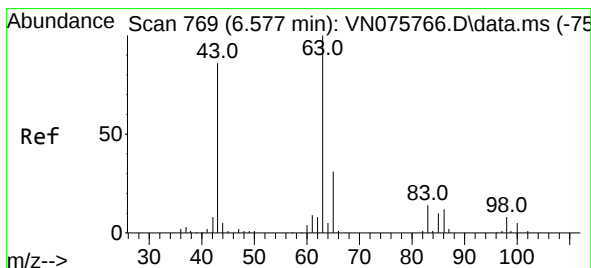
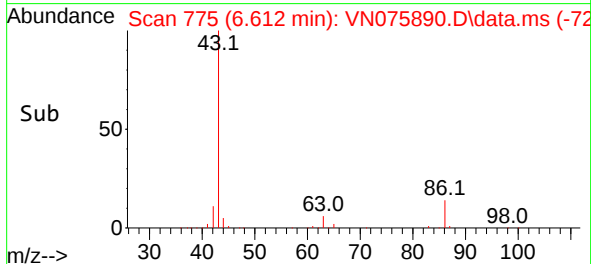
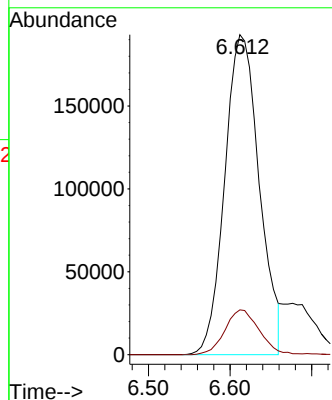
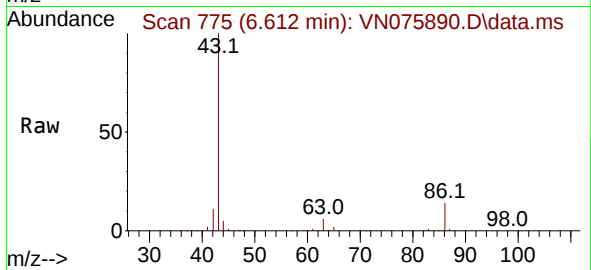
#23  
 Vinyl Acetate  
 Concen: 92.841 ug/l m  
 RT: 6.612 min Scan# 775  
 Delta R.T. -0.000 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01

Tgt Ion: 43 Resp: 56798  
 Ion Ratio Lower Upper  
 43 100  
 86 14.0 11.4 17.2

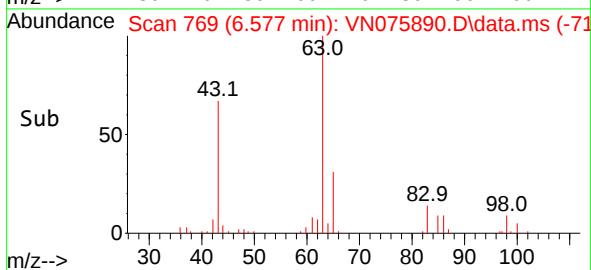
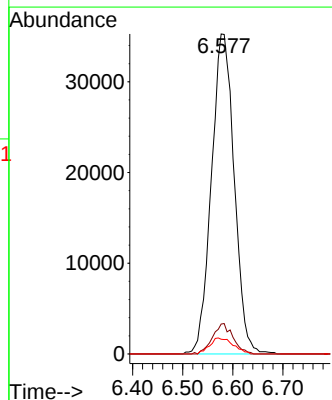
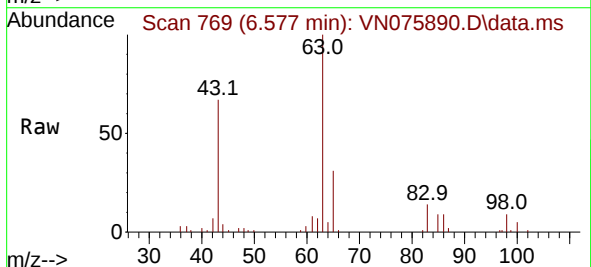
Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/21/2022  
 Supervised By :Mahesh Dadoda 12/21/2022



#24  
 1,1-Dichloroethane  
 Concen: 18.392 ug/l  
 RT: 6.577 min Scan# 769  
 Delta R.T. -0.000 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36

Tgt Ion: 63 Resp: 111491  
 Ion Ratio Lower Upper  
 63 100  
 98 9.3 3.9 11.5  
 100 4.6 2.5 7.6





#25

2-Butanone

Concen: 99.107 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 43 Resp: 187939

Ion Ratio Lower Upper

43 100

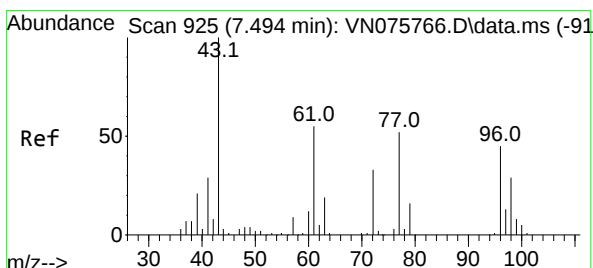
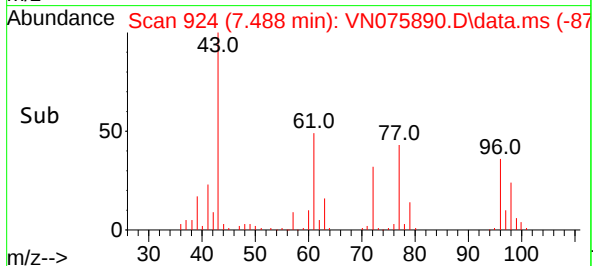
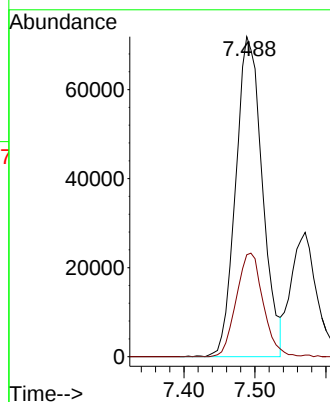
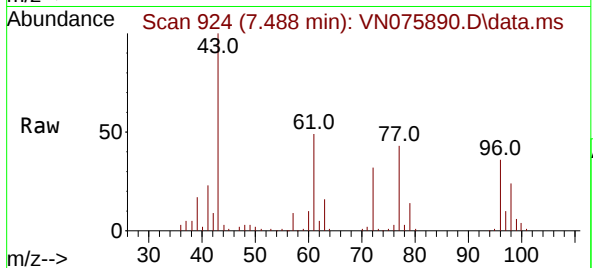
72 31.9 28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 18.831 ug/l

RT: 7.506 min Scan# 927

Delta R.T. 0.012 min

Lab File: VN075890.D

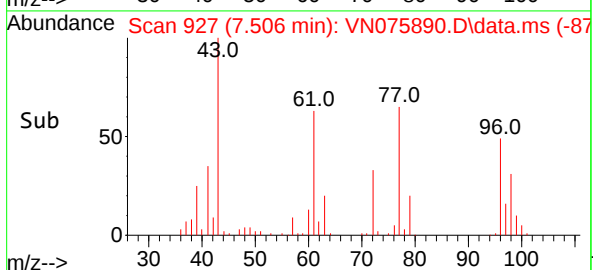
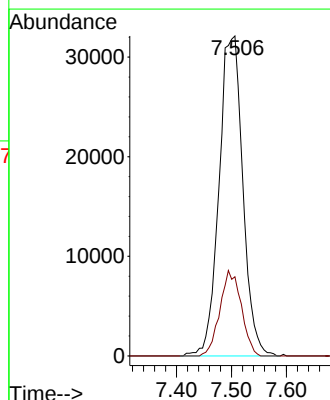
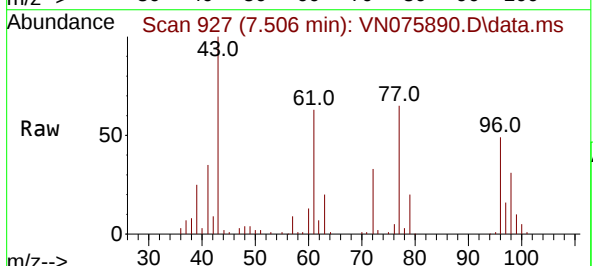
Acq: 20 Dec 2022 11:36

Tgt Ion: 77 Resp: 96667

Ion Ratio Lower Upper

77 100

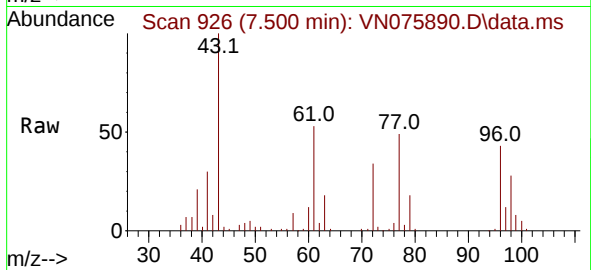
97 24.0 12.7 38.0





#27  
 cis-1,2-Dichloroethene  
 Concen: 18.354 ug/l  
 RT: 7.500 min Scan# 91  
 Delta R.T. 0.006 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36

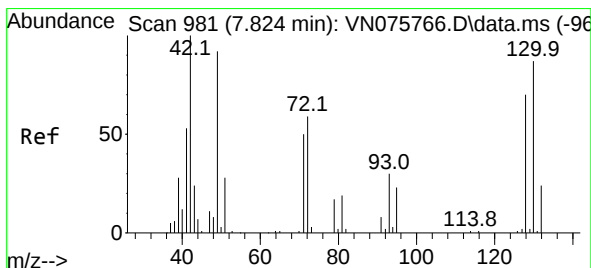
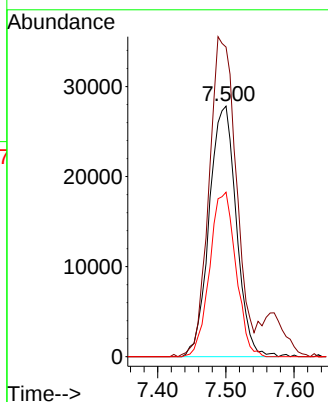
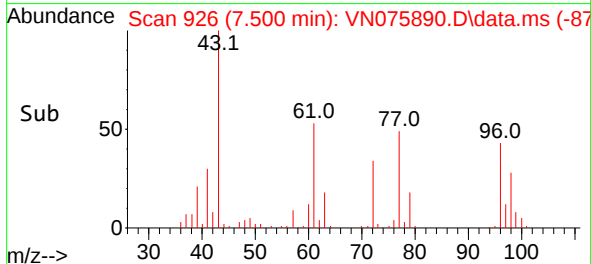
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01



Tgt Ion: 96 Resp: 76940  
 Ion Ratio Lower Upper  
 96 100  
 61 128.2 0.0 247.8  
 98 63.4 0.0 128.4

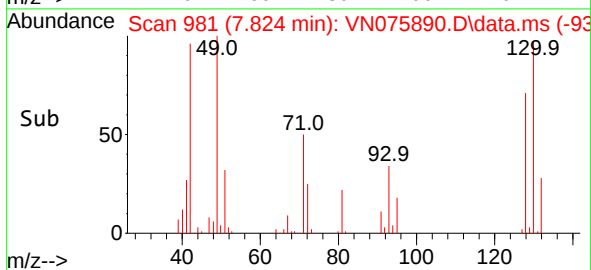
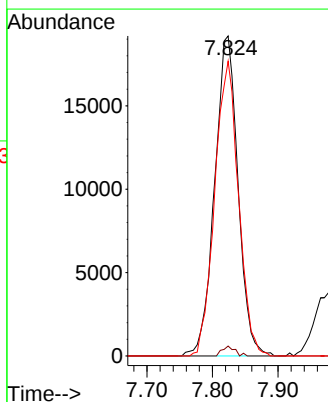
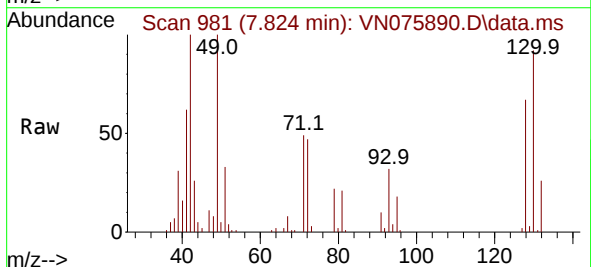
Manual Integrations  
 APPROVED

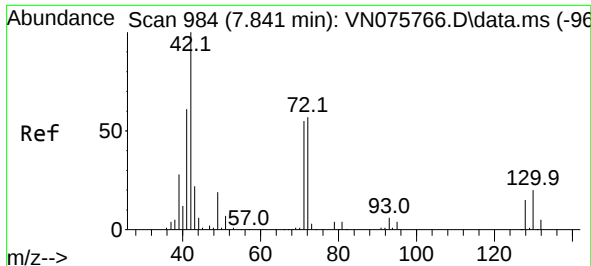
Reviewed By :John Carlone 12/21/2022  
 Supervised By :Mahesh Dadoda 12/21/2022



#28  
 Bromochloromethane  
 Concen: 17.856 ug/l  
 RT: 7.824 min Scan# 981  
 Delta R.T. -0.000 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36

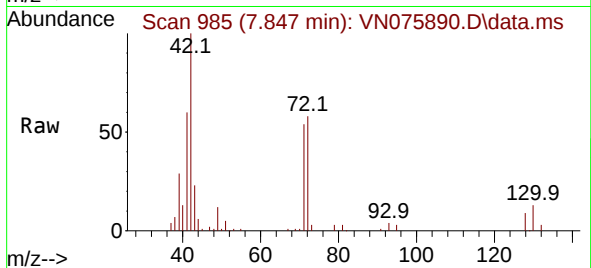
Tgt Ion: 49 Resp: 47442  
 Ion Ratio Lower Upper  
 49 100  
 129 1.7 0.0 5.0  
 130 93.6 77.0 115.4





#29  
Tetrahydrofuran  
Concen: 97.065 ug/l  
RT: 7.847 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

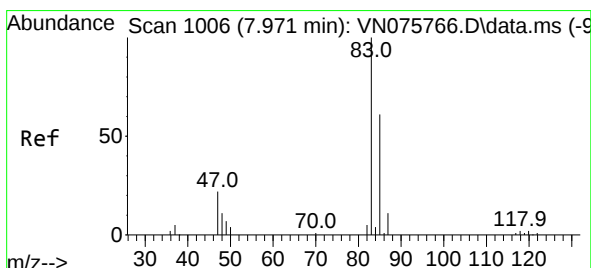
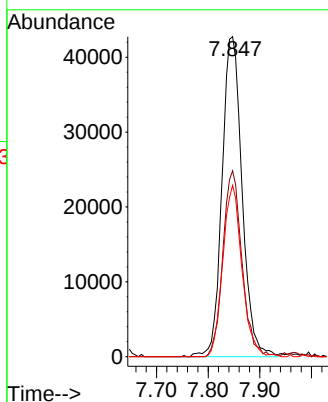
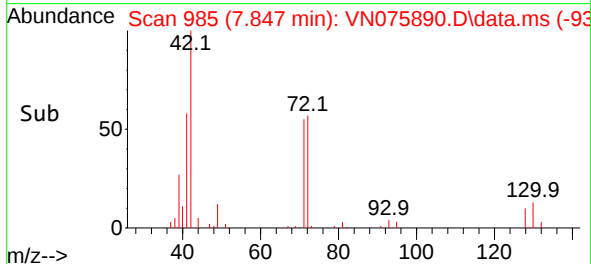
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion: 42 Resp: 115350  
Ion Ratio Lower Upper  
42 100  
72 55.3 44.5 66.7  
71 51.0 41.0 61.6

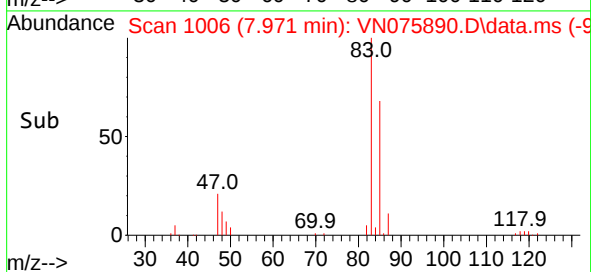
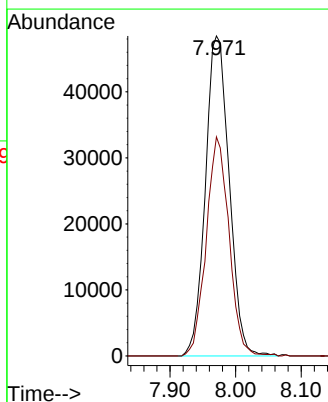
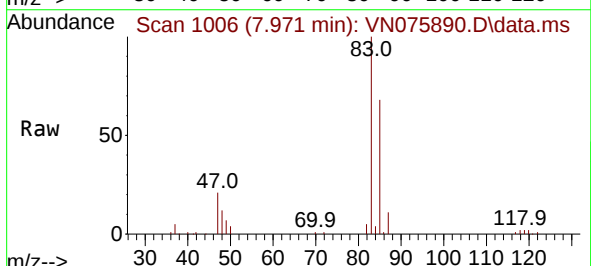
Manual Integrations  
APPROVED

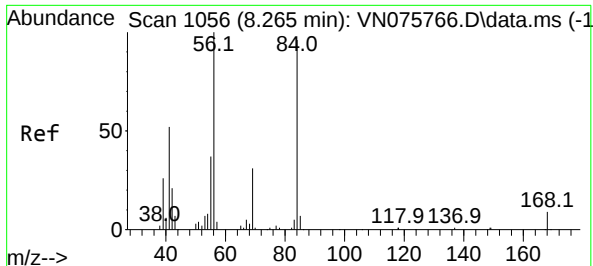
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#30  
Chloroform  
Concen: 17.892 ug/l  
RT: 7.971 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

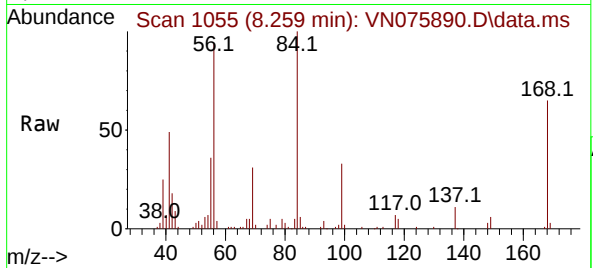
Tgt Ion: 83 Resp: 122113  
Ion Ratio Lower Upper  
83 100  
85 68.5 49.1 73.7





#31  
Cyclohexane  
Concen: 18.124 ug/l  
RT: 8.259 min Scan# 1055  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

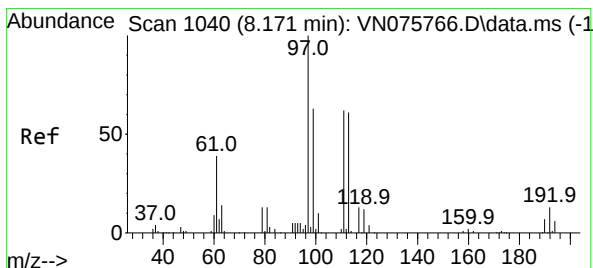
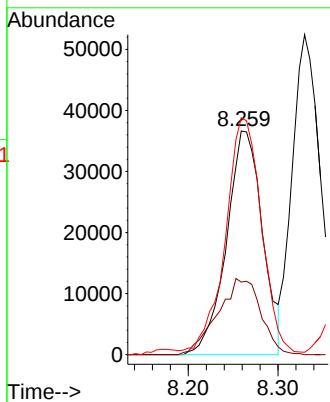
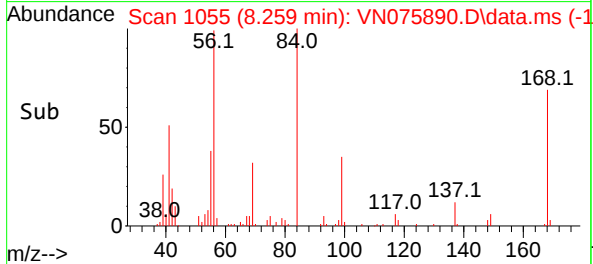
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



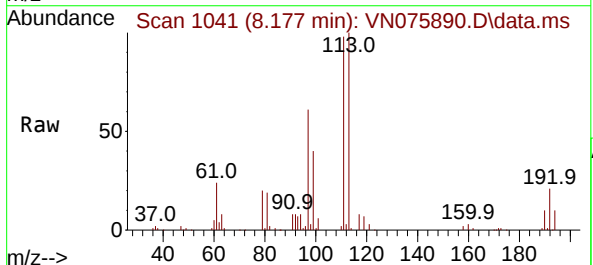
Tgt Ion: 56 Resp: 10197  
Ion Ratio Lower Upper  
56 100  
69 32.5 24.7 37.1  
84 104.1 76.5 114.7

Manual Integrations  
APPROVED

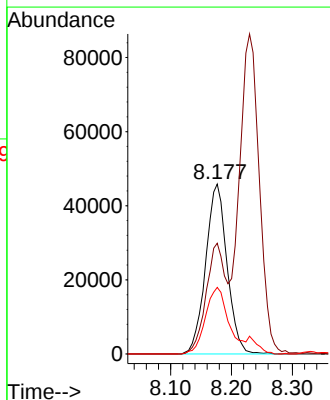
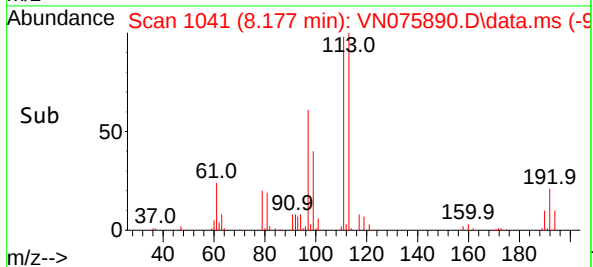
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#32  
1,1,1-Trichloroethane  
Concen: 18.525 ug/l  
RT: 8.177 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion: 97 Resp: 112093  
Ion Ratio Lower Upper  
97 100  
99 59.2 50.2 75.2  
61 42.7 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 50.800 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 65 Resp: 199584

Ion Ratio Lower Upper

65 100

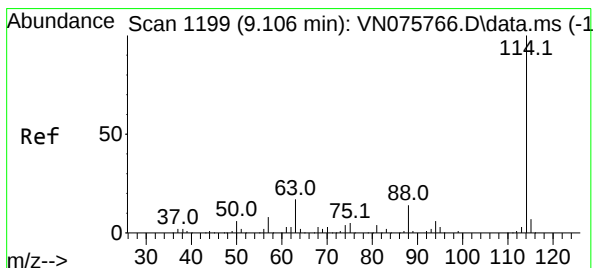
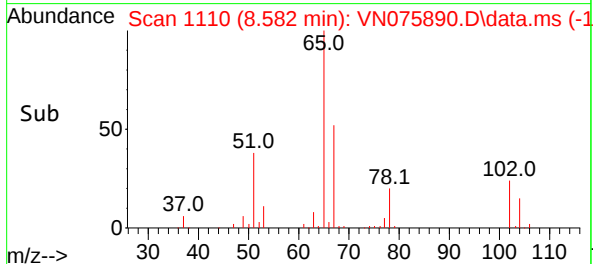
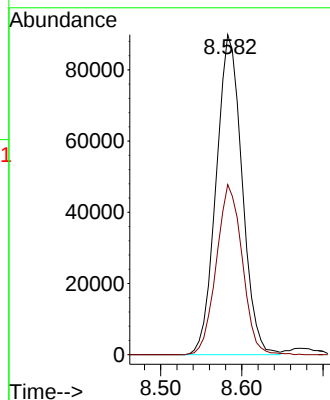
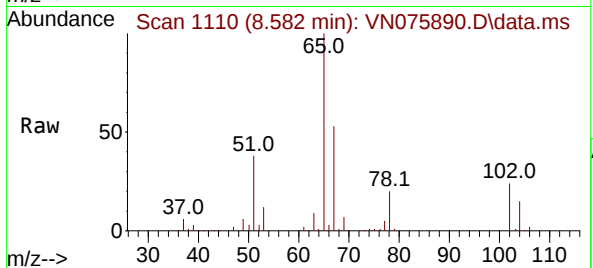
67 53.1 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

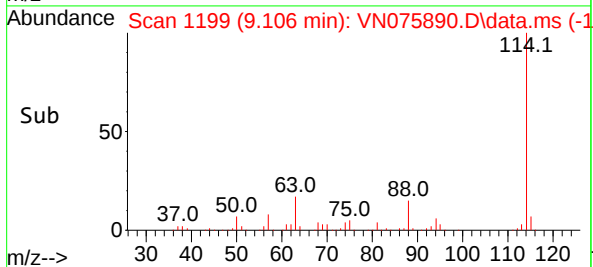
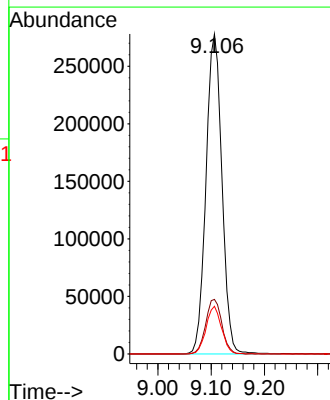
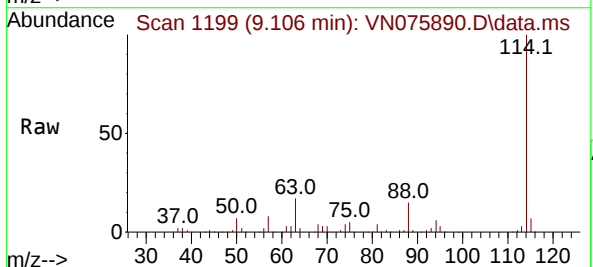
Tgt Ion:114 Resp: 576687

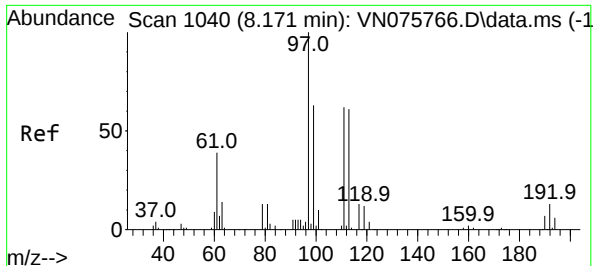
Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 52.365 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion:113 Resp: 18701

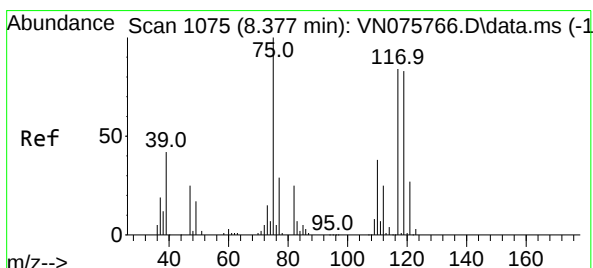
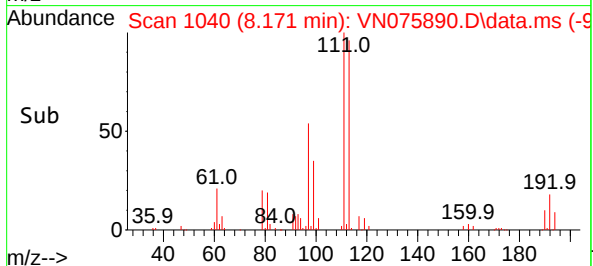
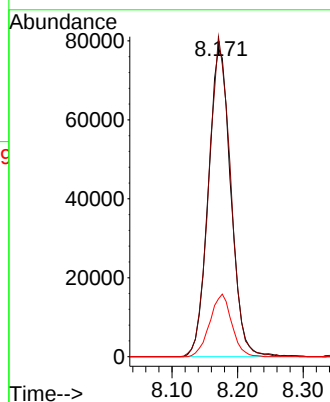
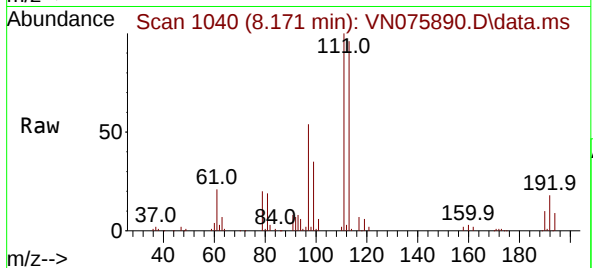
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 100.7 | 83.4  | 125.2 |
| 192 | 19.7  | 16.1  | 24.1  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 18.621 ug/l

RT: 8.377 min Scan# 1075

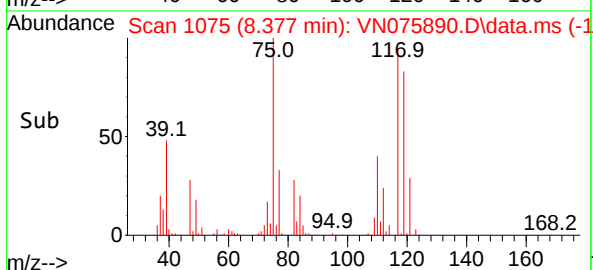
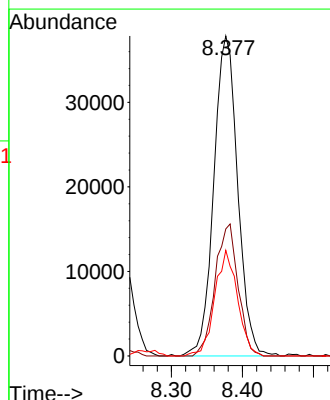
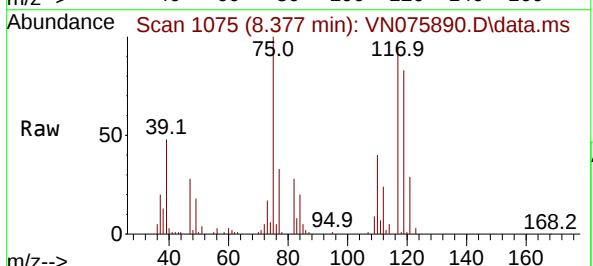
Delta R.T. -0.000 min

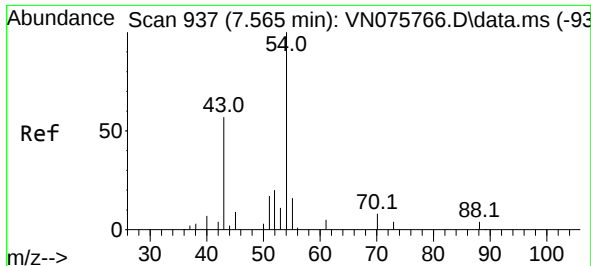
Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Tgt Ion: 75 Resp: 88339

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 39.5  | 18.8  | 56.4  |
| 77  | 31.4  | 24.1  | 36.1  |





#37

Ethyl Acetate

Concen: 18.587 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 43 Resp: 70830

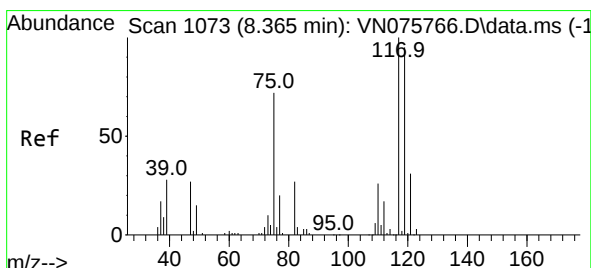
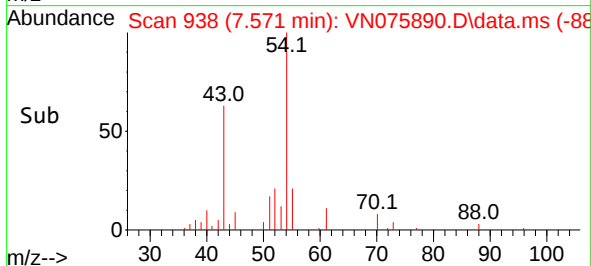
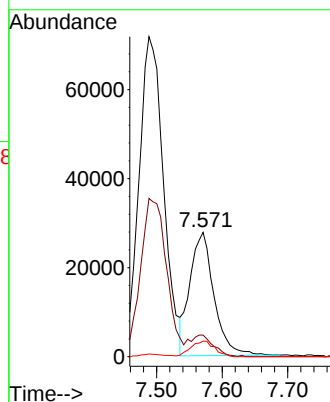
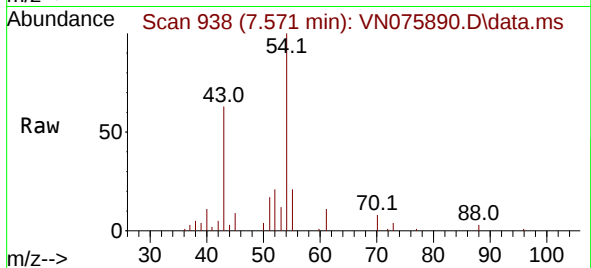
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 13.6  | 13.0  | 19.4  |
| 70  | 12.4  | 9.4   | 14.0  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 18.622 ug/l

RT: 8.371 min Scan# 1074

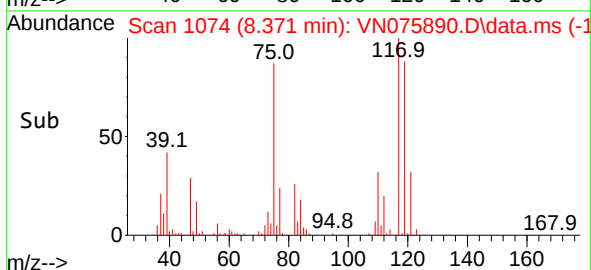
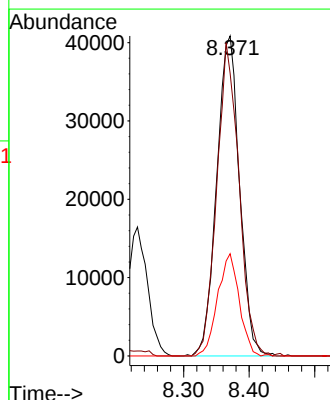
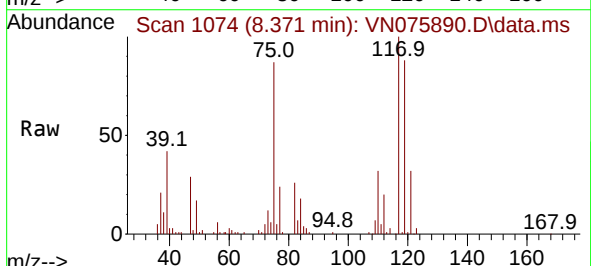
Delta R.T. 0.006 min

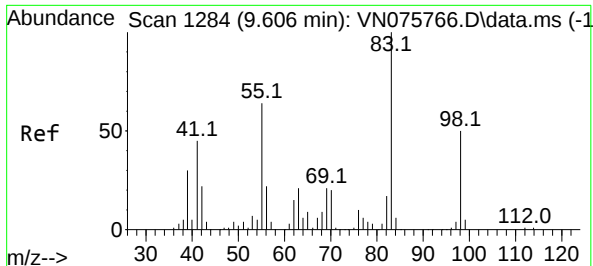
Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Tgt Ion:117 Resp: 98878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 88.4  | 76.1  | 114.1 |
| 121 | 32.0  | 24.5  | 36.7  |





#39

Methylcyclohexane

Concen: 19.616 ug/l

RT: 9.606 min Scan# 112270

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 83 Resp: 112270

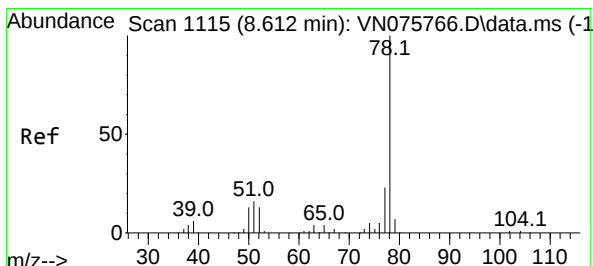
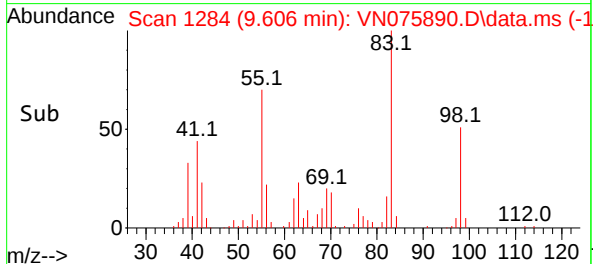
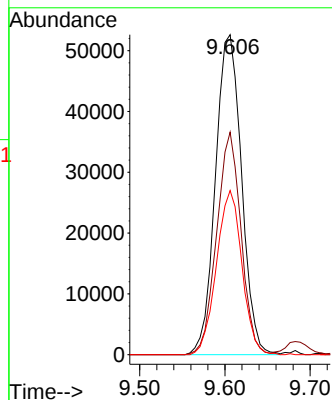
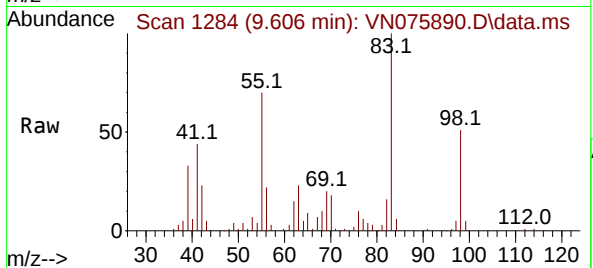
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 69.5  | 51.4  | 77.0  |
| 98  | 51.3  | 39.8  | 59.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 18.661 ug/l

RT: 8.612 min Scan# 1115

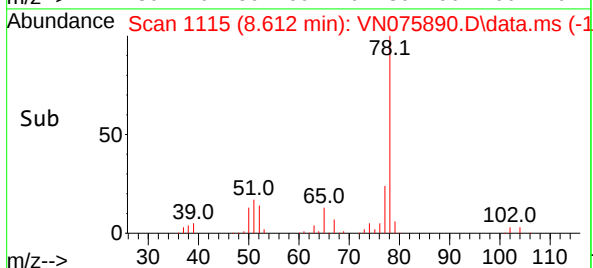
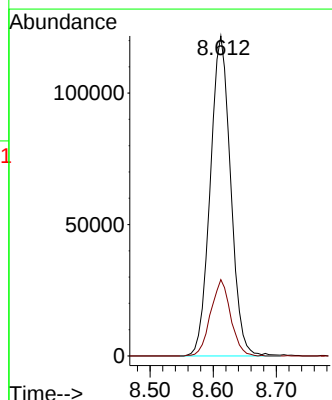
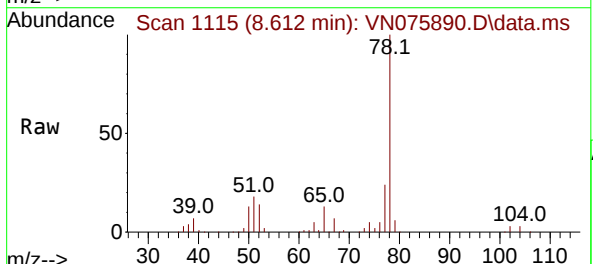
Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Tgt Ion: 78 Resp: 273151

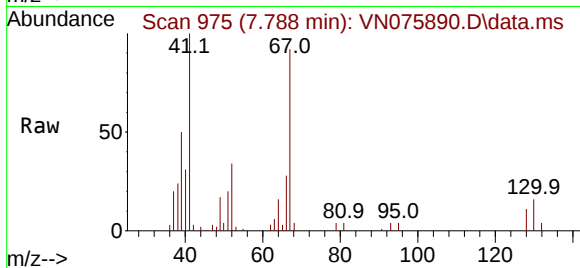
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.8  | 18.5  | 27.7  |





#41  
Methacrylonitrile  
Concen: 19.956 ug/l  
RT: 7.788 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

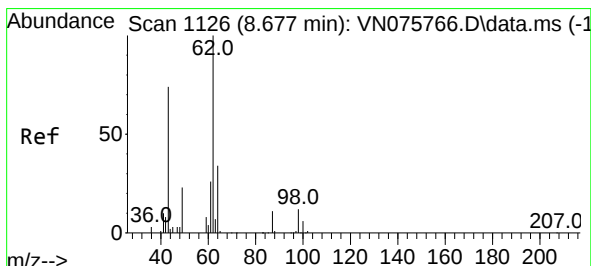
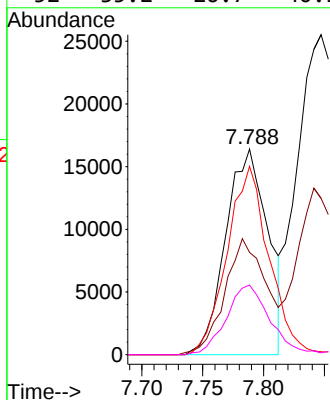
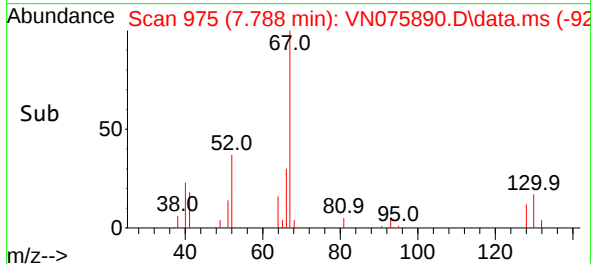
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



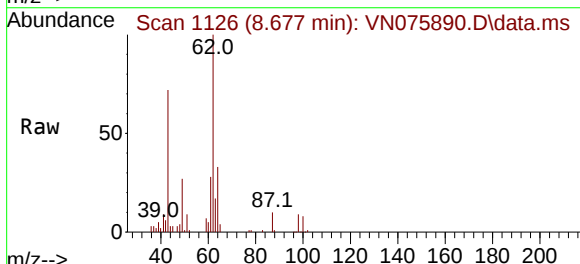
Tgt Ion: 41 Resp: 39529  
Ion Ratio Lower Upper  
41 100  
39 55.3 43.1 64.7  
67 91.1 70.7 106.1  
52 35.2 26.7 40.1

Manual Integrations  
APPROVED

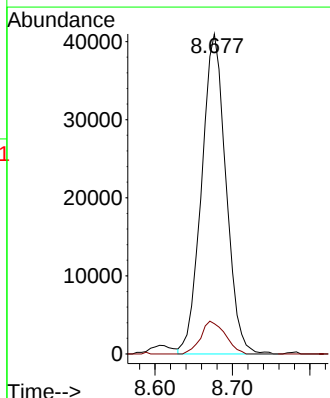
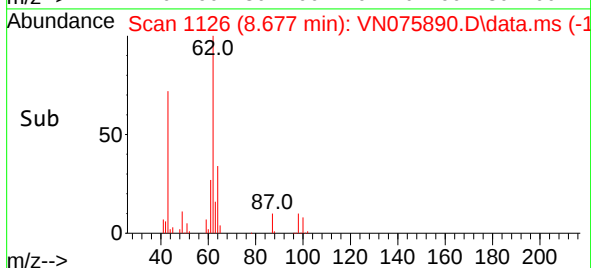
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

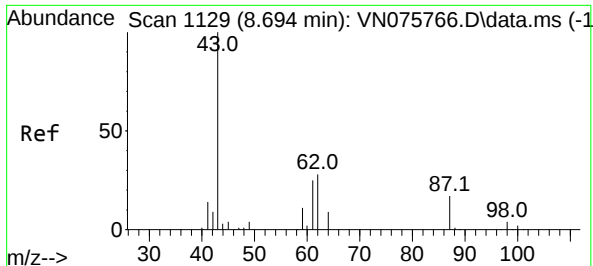


#42  
1,2-Dichloroethane  
Concen: 18.412 ug/l  
RT: 8.677 min Scan# 1126  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion: 62 Resp: 89596  
Ion Ratio Lower Upper  
62 100  
98 10.3 0.0 20.8





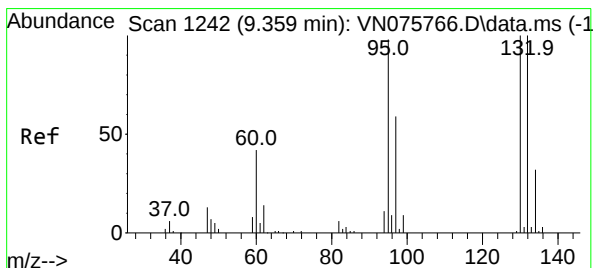
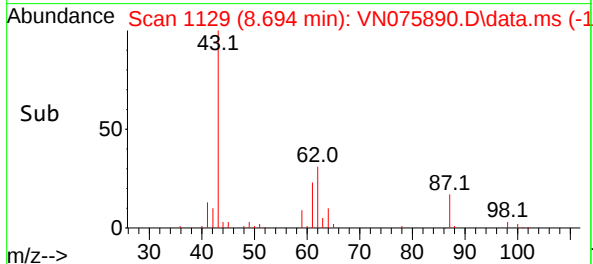
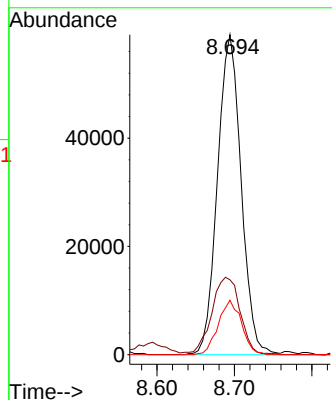
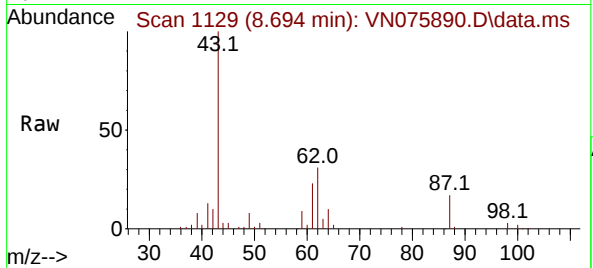
#43  
Isopropyl Acetate  
Concen: 19.963 ug/l  
RT: 8.694 min Scan# 1129  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 43 Resp: 12548  
Ion Ratio Lower Upper  
43 100  
61 29.1 24.2 36.4  
87 16.7 13.3 19.9

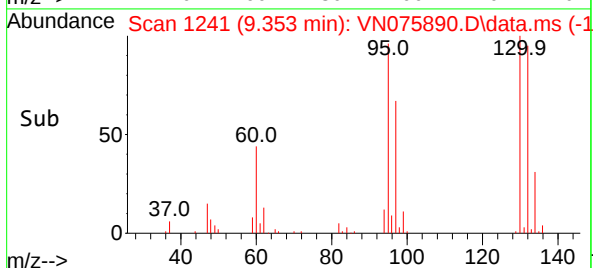
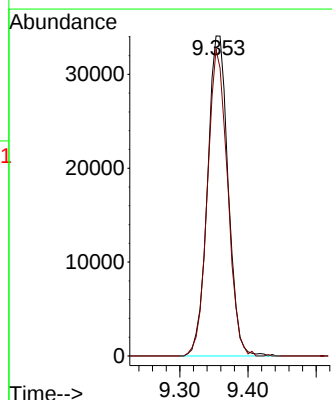
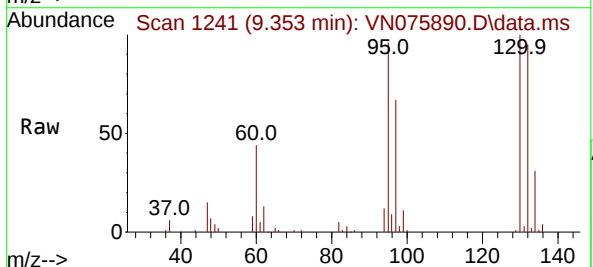
Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#44  
Trichloroethene  
Concen: 17.429 ug/l  
RT: 9.353 min Scan# 1241  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:130 Resp: 71870  
Ion Ratio Lower Upper  
130 100  
95 95.8 0.0 195.4





#45

1,2-Dichloropropane

Concen: 17.975 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 63 Resp: 6402

Ion Ratio Lower Upper

63 100

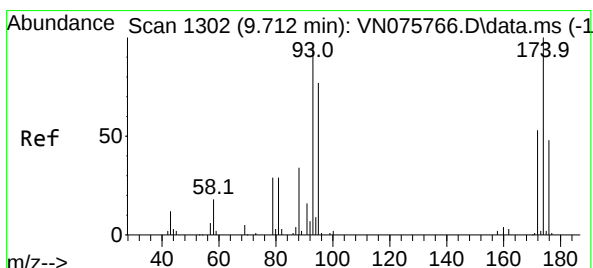
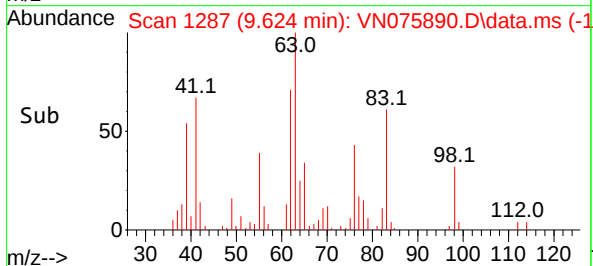
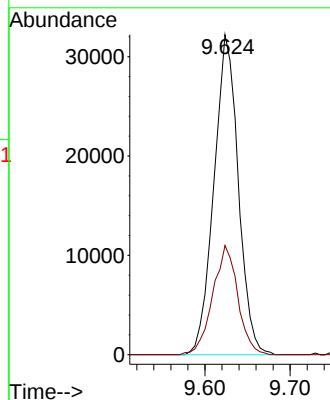
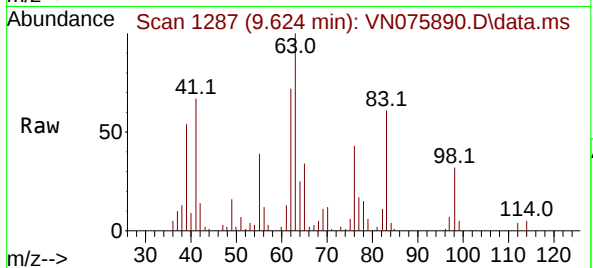
65 34.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 18.195 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

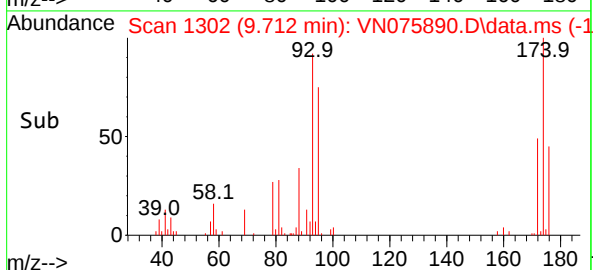
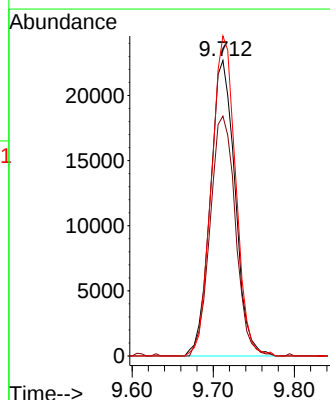
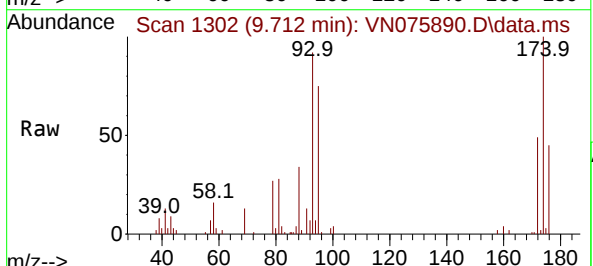
Tgt Ion: 93 Resp: 48070

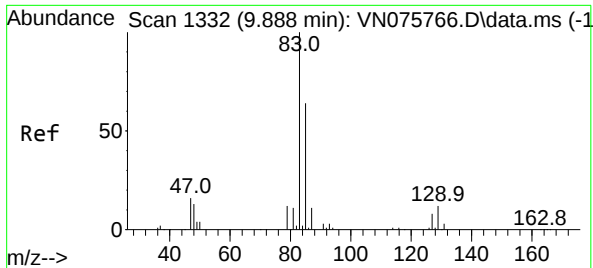
Ion Ratio Lower Upper

93 100

95 82.8 65.2 97.8

174 106.0 82.4 123.6





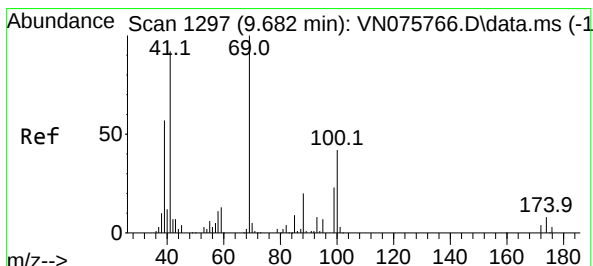
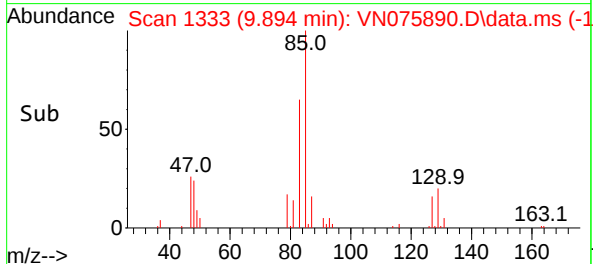
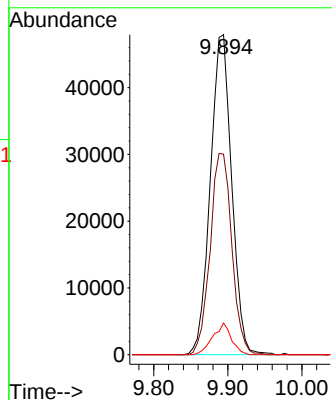
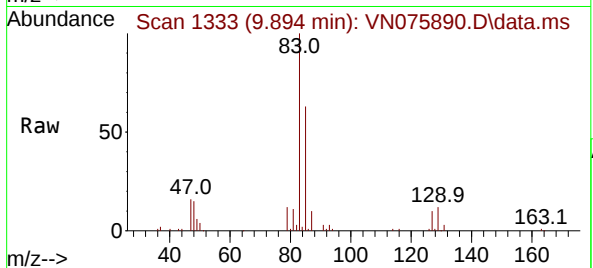
#47  
Bromodichloromethane  
Concen: 18.509 ug/l  
RT: 9.894 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 83 Resp: 9589  
Ion Ratio Lower Upper  
83 100  
85 62.6 51.5 77.3  
127 9.9 6.6 10.0

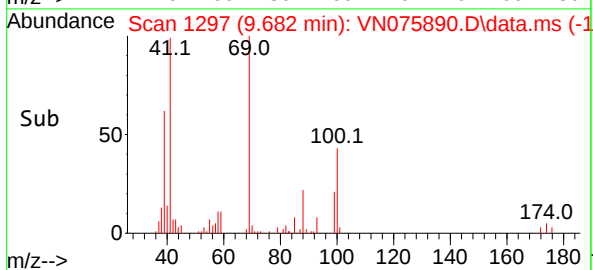
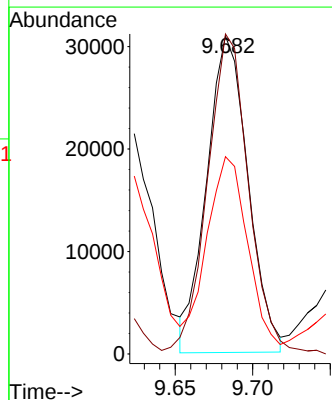
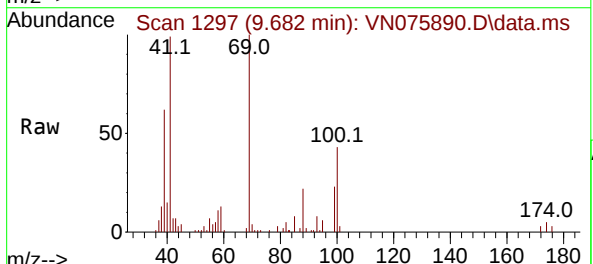
Manual Integrations  
APPROVED

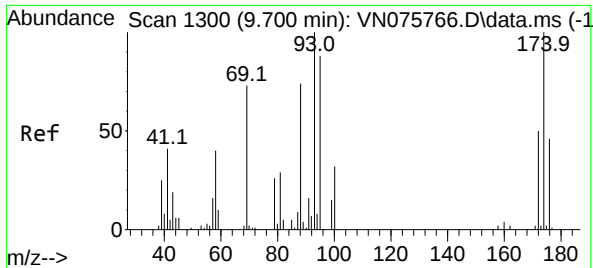
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#48  
Methyl methacrylate  
Concen: 20.191 ug/l  
RT: 9.682 min Scan# 1297  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

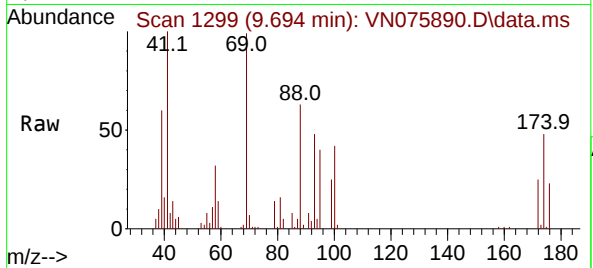
Tgt Ion: 41 Resp: 57166  
Ion Ratio Lower Upper  
41 100  
69 100.9 81.9 122.9  
39 63.3 51.6 77.4





#49  
1,4-Dioxane  
Concen: 388.258 ug/l  
RT: 9.694 min Scan# 1299  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

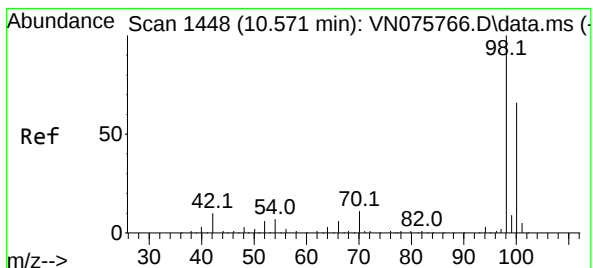
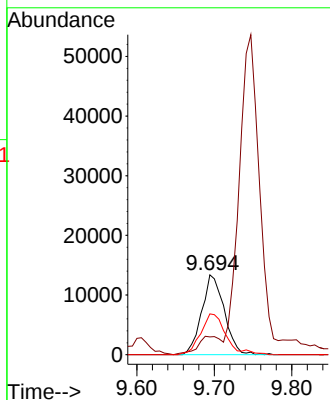
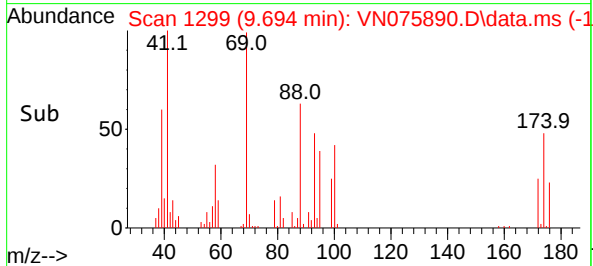
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion: 88 Resp: 27024  
Ion Ratio Lower Upper  
88 100  
43 24.3 17.1 25.7  
58 57.2 47.8 71.8

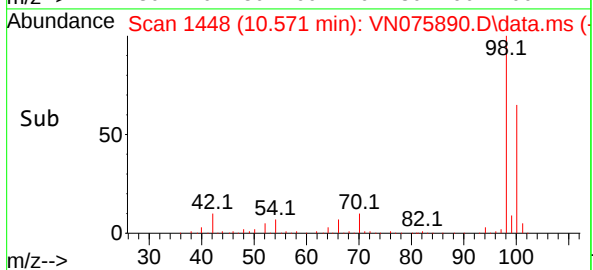
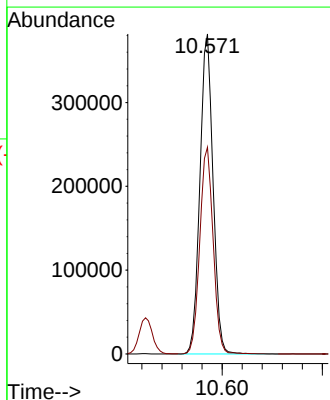
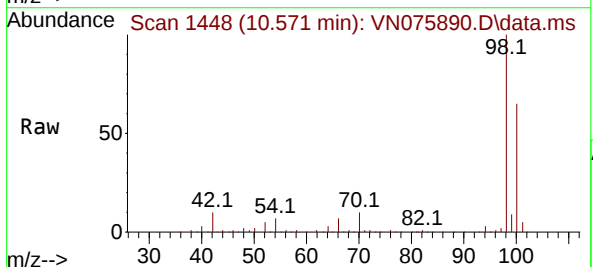
Manual Integrations  
APPROVED

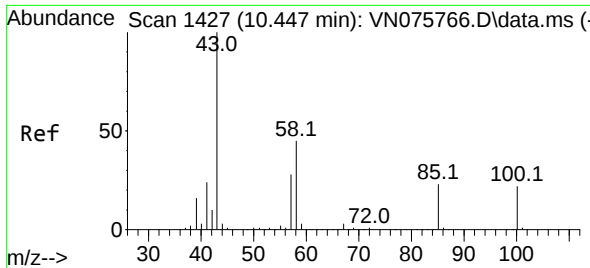
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#50  
Toluene-d8  
Concen: 51.890 ug/l  
RT: 10.571 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

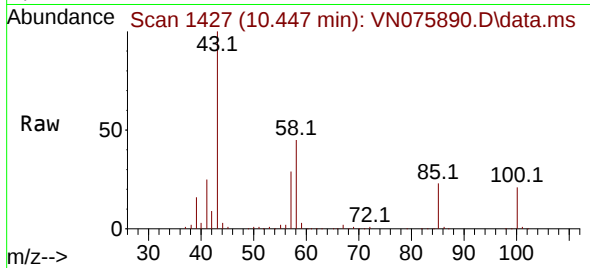
Tgt Ion: 98 Resp: 692883  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.1 78.1





#51  
4-Methyl-2-Pentanone  
Concen: 99.518 ug/l  
RT: 10.447 min Scan# 1427  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

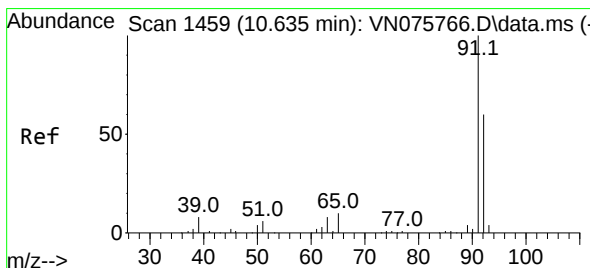
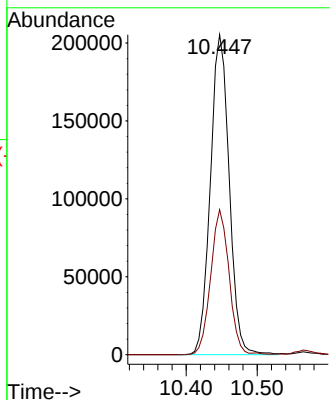
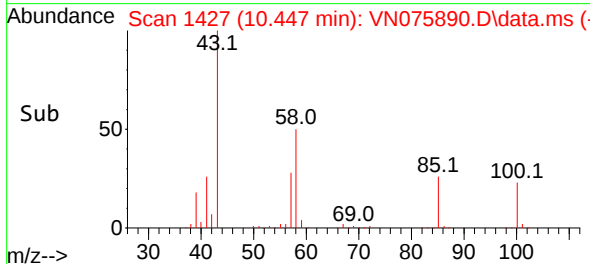
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



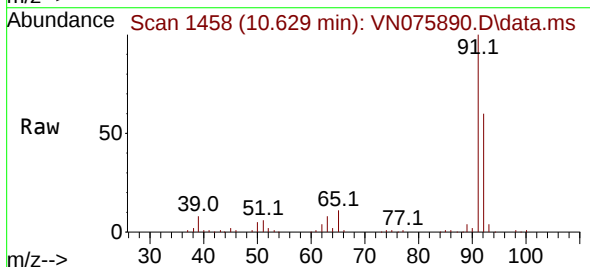
Tgt Ion: 43 Resp: 37832  
Ion Ratio Lower Upper  
43 100  
58 44.3 35.5 53.3

Manual Integrations  
APPROVED

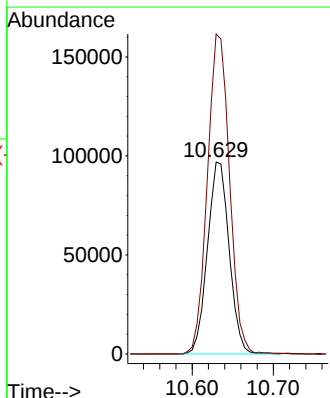
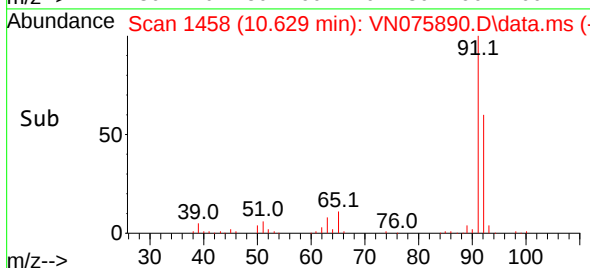
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

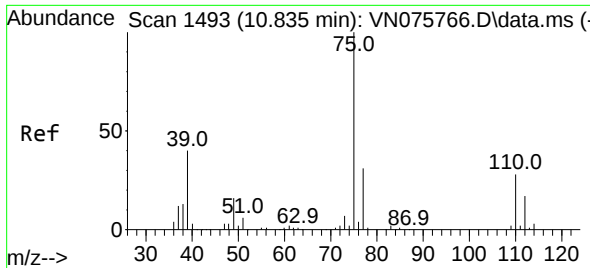


#52  
Toluene  
Concen: 18.875 ug/l  
RT: 10.629 min Scan# 1458  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



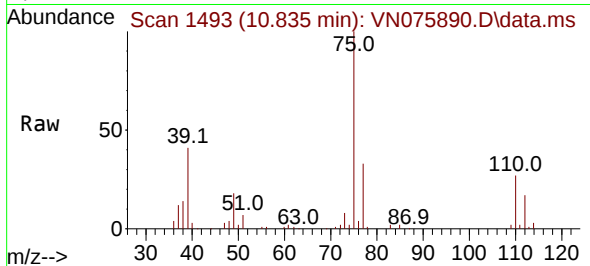
Tgt Ion: 92 Resp: 179931  
Ion Ratio Lower Upper  
92 100  
91 170.2 137.3 205.9





#53  
t-1,3-Dichloropropene  
Concen: 18.515 ug/l  
RT: 10.835 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

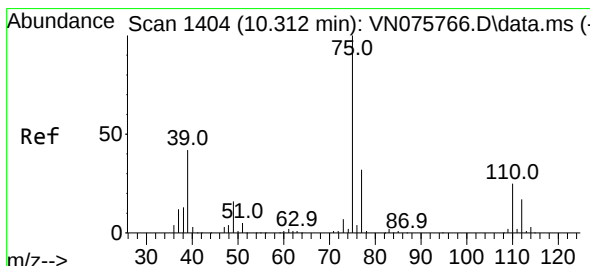
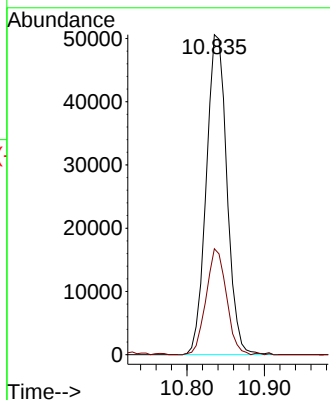
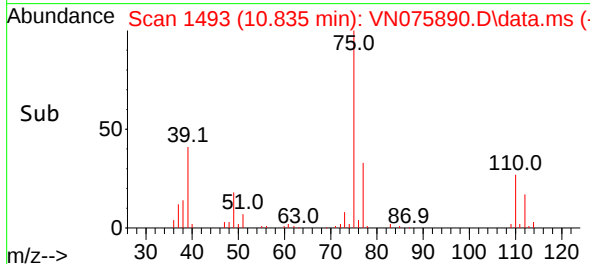
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



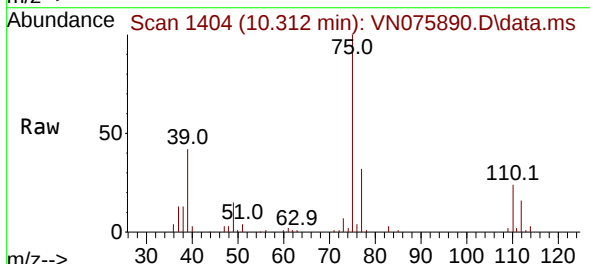
Tgt Ion: 75 Resp: 93898  
Ion Ratio Lower Upper  
75 100  
77 33.1 24.9 37.3

Manual Integrations  
APPROVED

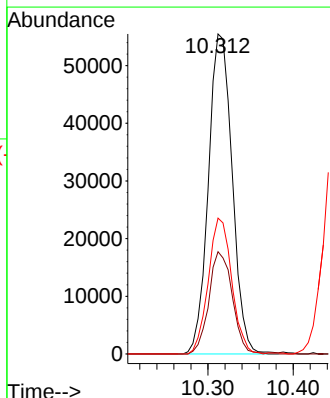
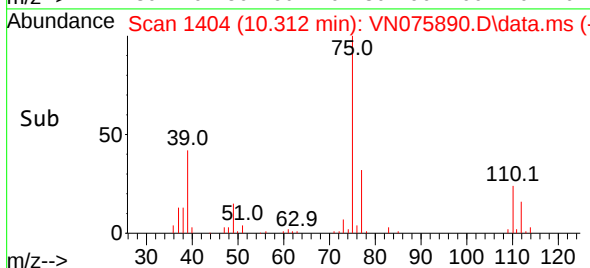
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

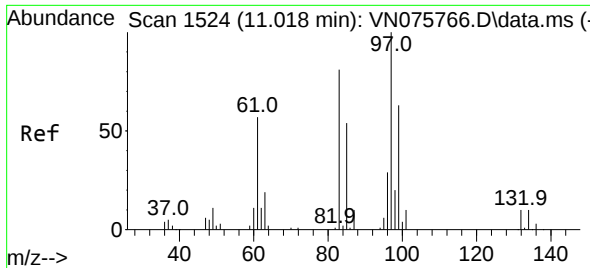


#54  
cis-1,3-Dichloropropene  
Concen: 19.362 ug/l  
RT: 10.312 min Scan# 1404  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion: 75 Resp: 107810  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.8 38.8  
39 42.4 33.4 50.2





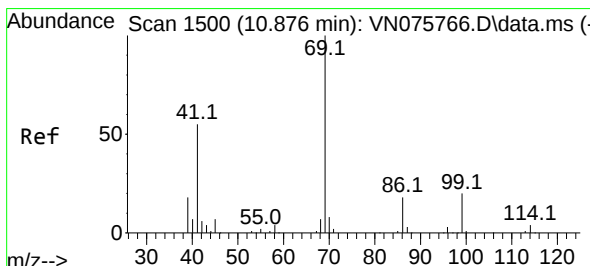
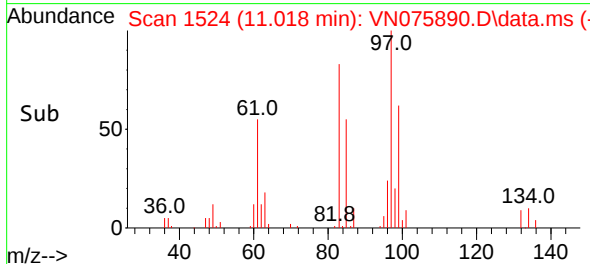
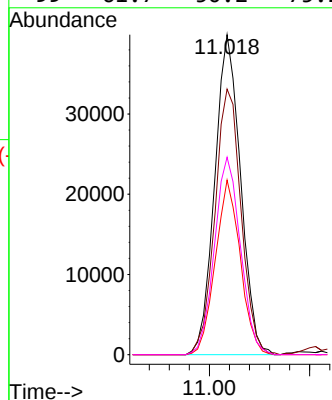
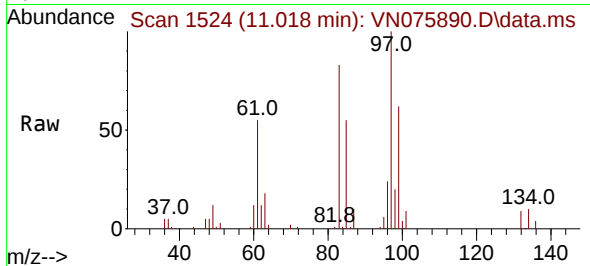
#55  
1,1,2-Trichloroethane  
Concen: 19.046 ug/l  
RT: 11.018 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 71260 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 83.0     | 65.0 97.4   |
| 85 54.5     | 43.0 64.6   |
| 99 61.7     | 50.2 75.2   |

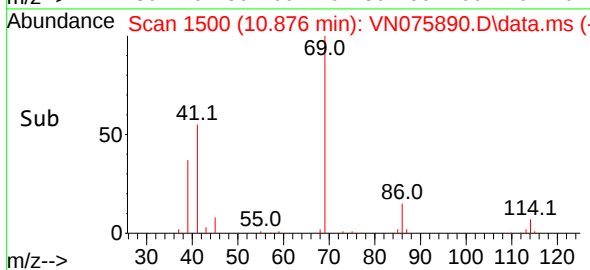
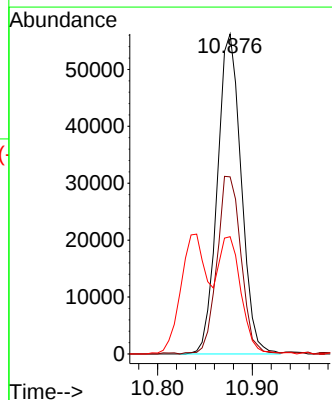
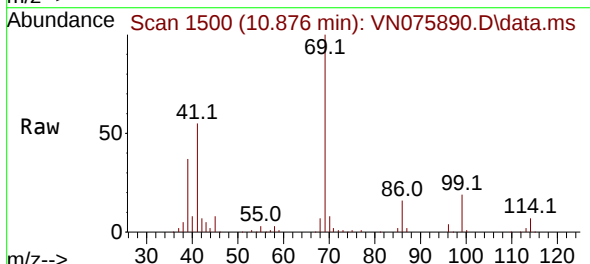
Manual Integrations  
APPROVED

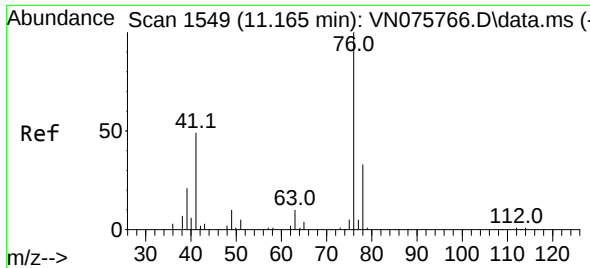
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#56  
Ethyl methacrylate  
Concen: 19.792 ug/l  
RT: 10.876 min Scan# 1500  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 98365 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 56.0     | 44.2 66.4   |
| 39 34.4     | 26.4 39.6   |





#57

1,3-Dichloropropane

Concen: 18.693 ug/l

RT: 11.165 min Scan# 11473

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion: 76 Resp: 11473

Ion Ratio Lower Upper

76 100

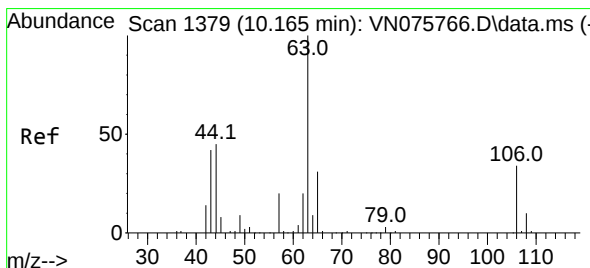
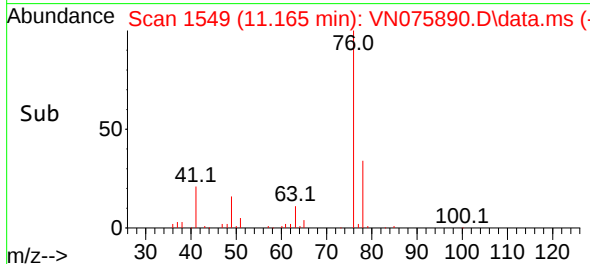
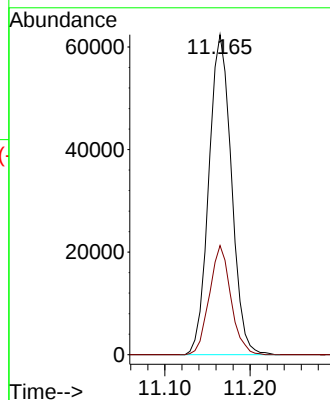
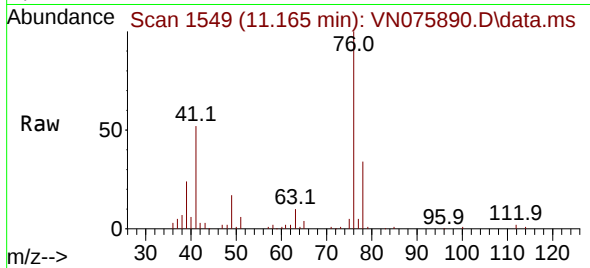
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 94.238 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN075890.D

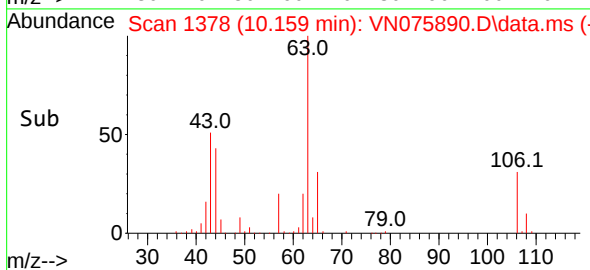
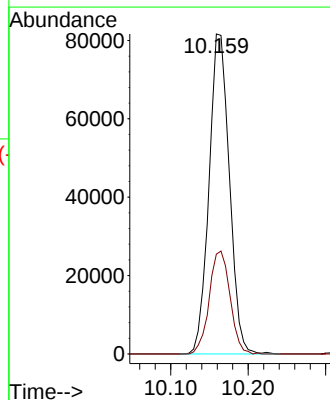
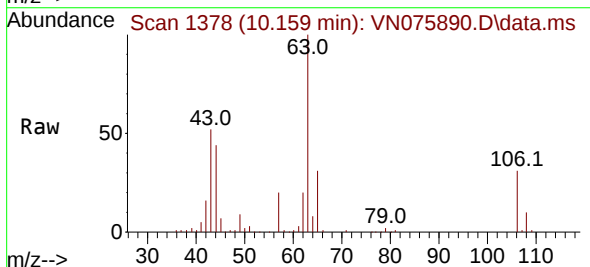
Acq: 20 Dec 2022 11:36

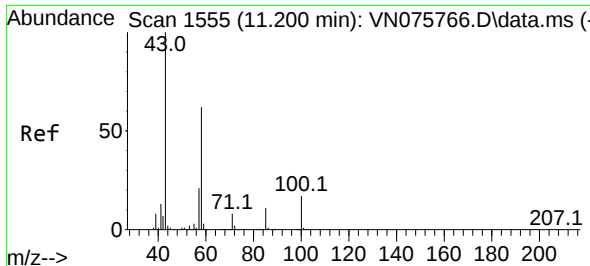
Tgt Ion: 63 Resp: 149120

Ion Ratio Lower Upper

63 100

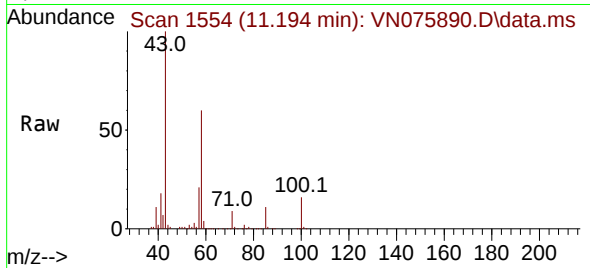
106 32.8 26.4 39.6





#59  
2-Hexanone  
Concen: 100.755 ug/l  
RT: 11.194 min Scan# 1554  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

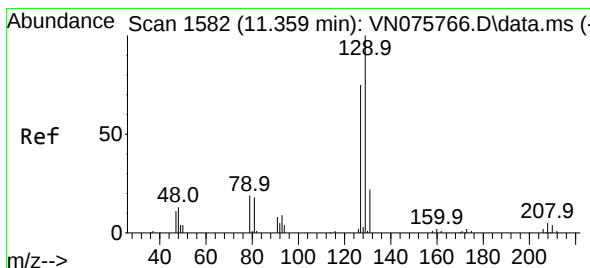
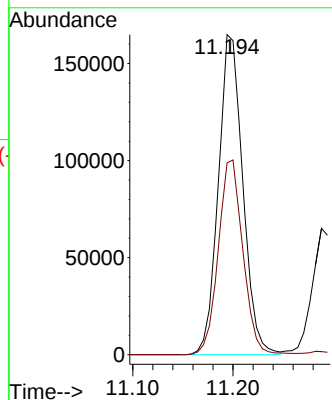
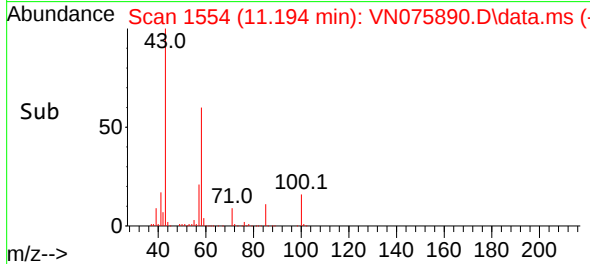
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion: 43 Resp: 279330  
Ion Ratio Lower Upper  
43 100  
58 61.2 30.6 92.0

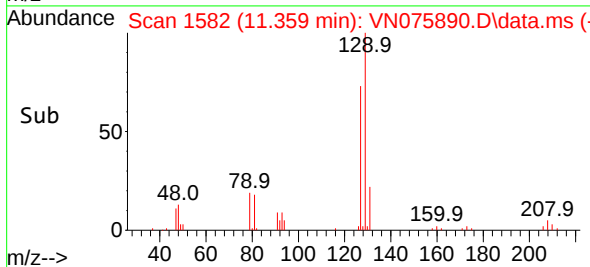
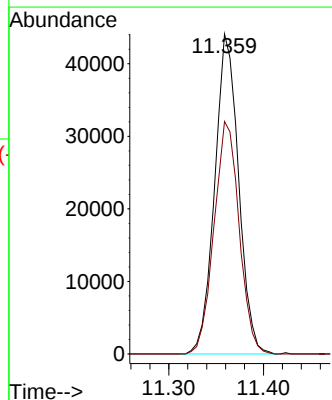
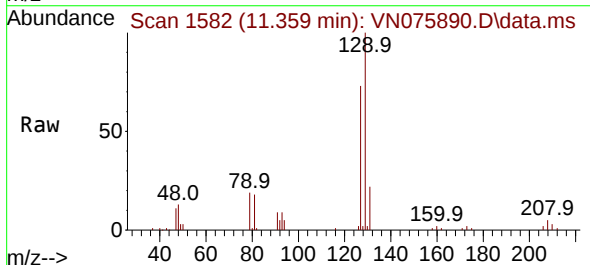
Manual Integrations  
APPROVED

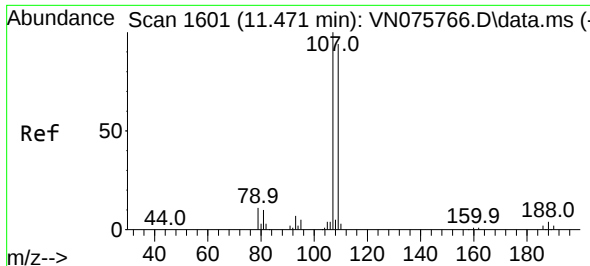
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#60  
Dibromochloromethane  
Concen: 18.584 ug/l  
RT: 11.359 min Scan# 1582  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

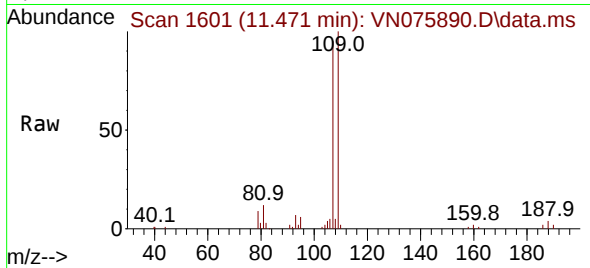
Tgt Ion:129 Resp: 77330  
Ion Ratio Lower Upper  
129 100  
127 76.3 38.3 114.9





#61  
1,2-Dibromoethane  
Concen: 18.774 ug/l  
RT: 11.471 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

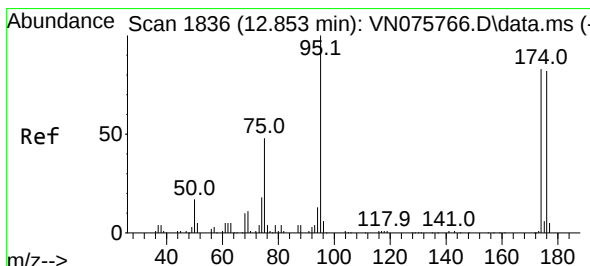
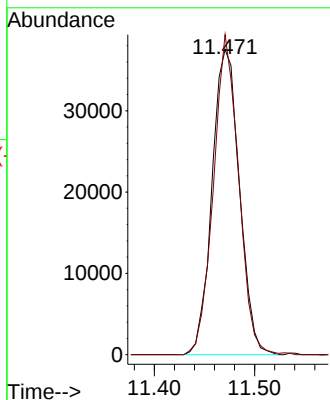
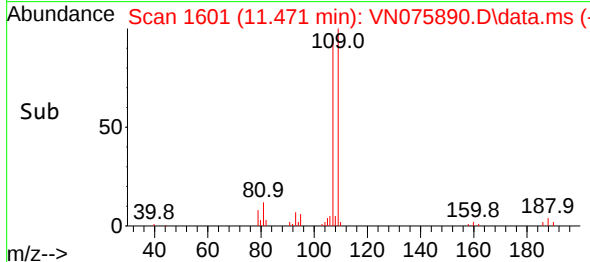
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



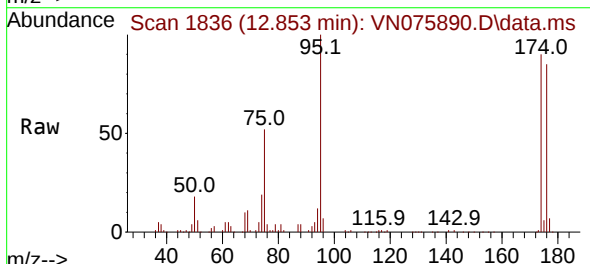
Tgt Ion:107 Resp: 7108  
Ion Ratio Lower Upper  
107 100  
109 96.9 74.8 112.2

Manual Integrations  
APPROVED

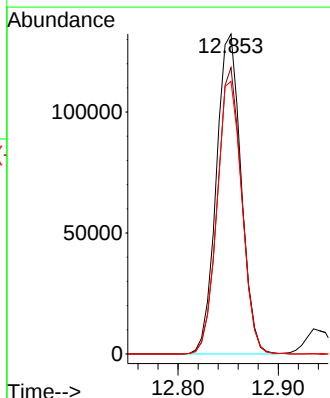
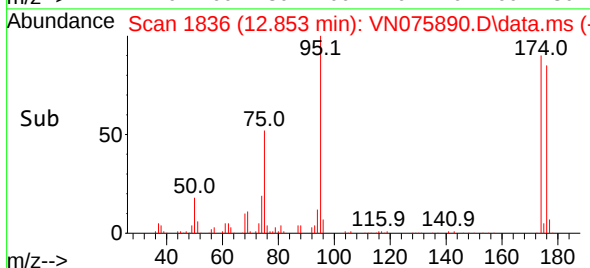
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

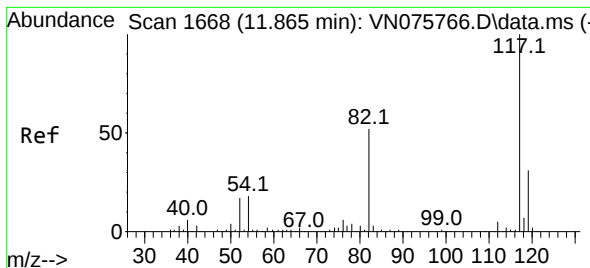


#62  
4-Bromofluorobenzene  
Concen: 51.386 ug/l  
RT: 12.853 min Scan# 1836  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



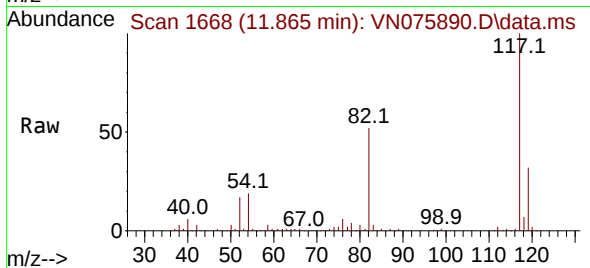
Tgt Ion: 95 Resp: 227262  
Ion Ratio Lower Upper  
95 100  
174 87.4 0.0 171.6  
176 85.8 0.0 169.2





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.865 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

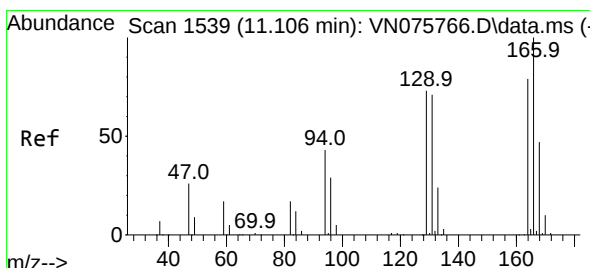
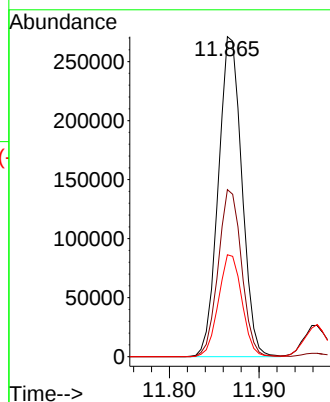
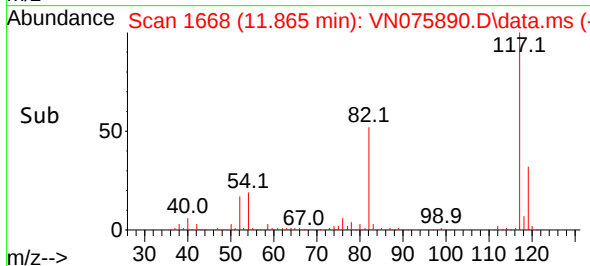
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion:117 Resp: 49419  
Ion Ratio Lower Upper  
117 100  
82 52.2 41.3 61.9  
119 31.9 24.6 37.0

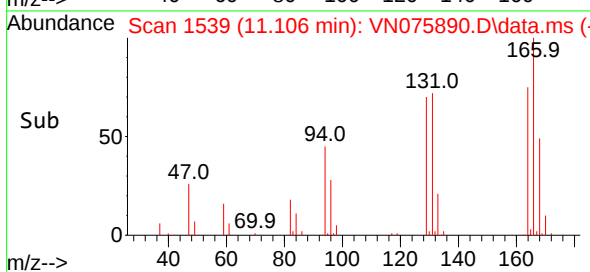
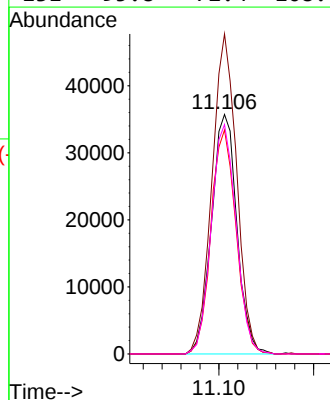
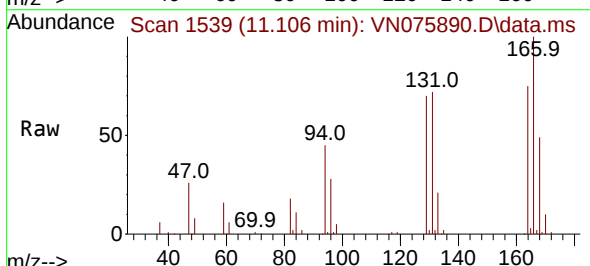
Manual Integrations  
APPROVED

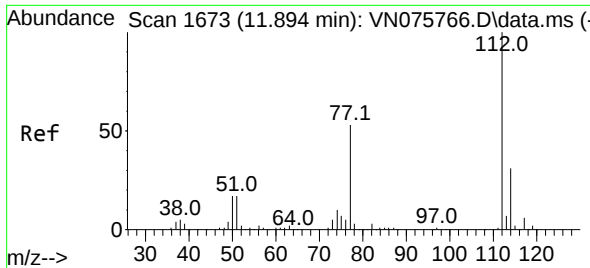
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#64  
Tetrachloroethene  
Concen: 19.089 ug/l  
RT: 11.106 min Scan# 1539  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:164 Resp: 66381  
Ion Ratio Lower Upper  
164 100  
166 133.6 101.9 152.9  
129 93.5 74.2 111.2  
131 95.8 72.4 108.6





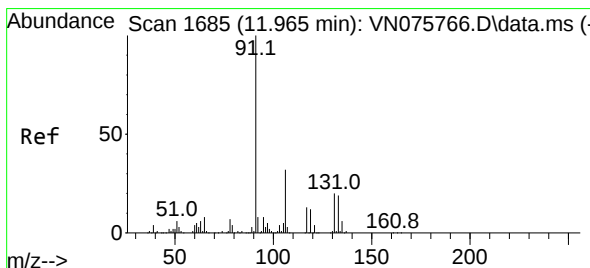
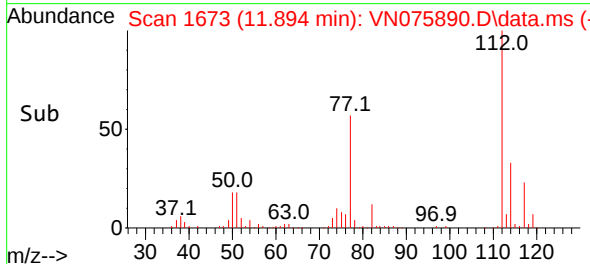
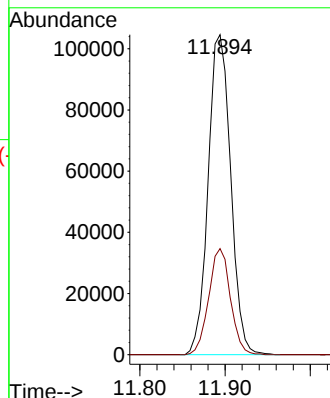
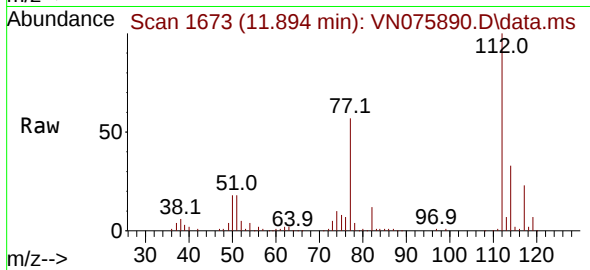
#65  
Chlorobenzene  
Concen: 18.950 ug/l  
RT: 11.894 min Scan# 1673  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:112 Resp: 19221  
Ion Ratio Lower Upper  
112 100  
114 33.2 24.7 37.1

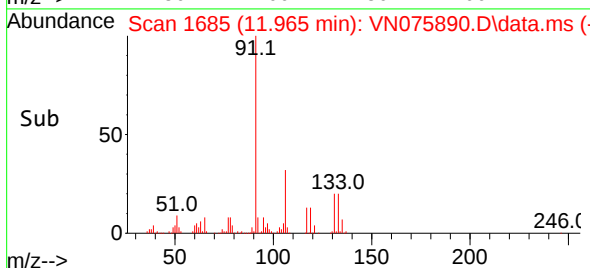
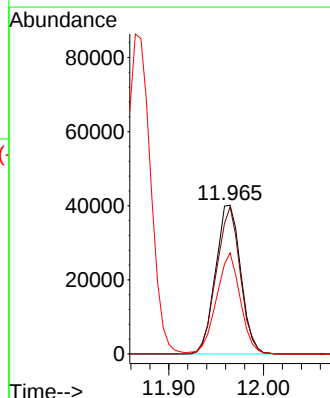
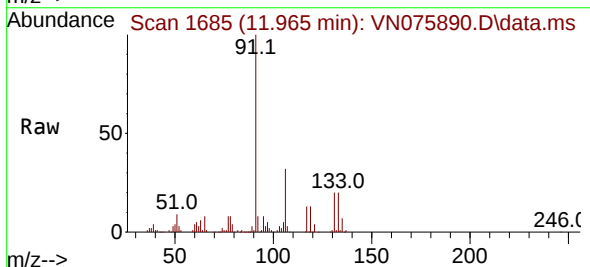
Manual Integrations  
APPROVED

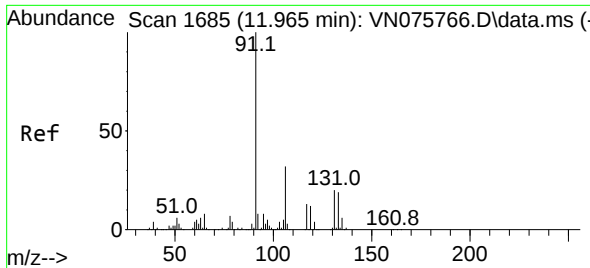
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.746 ug/l  
RT: 11.965 min Scan# 1685  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:131 Resp: 74187  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.5 142.5  
119 64.4 31.9 95.7





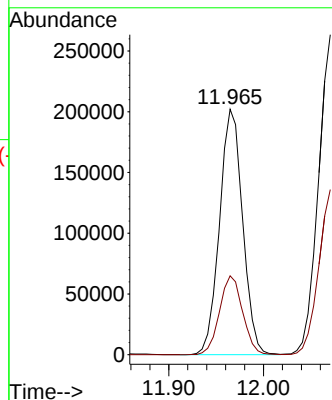
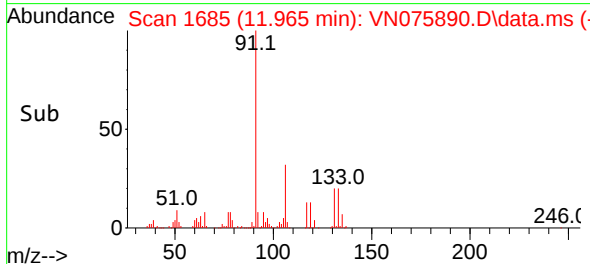
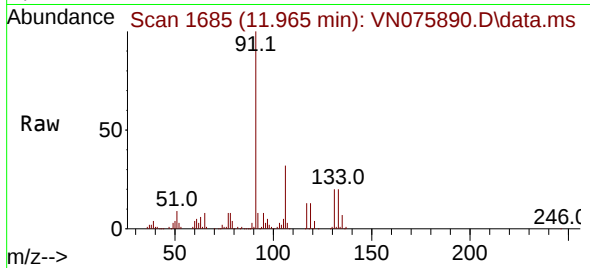
#67  
Ethyl Benzene  
Concen: 20.018 ug/l  
RT: 11.965 min Scan# 1100  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 91 Resp: 34270  
Ion Ratio Lower Upper  
91 100  
106 32.2 25.7 38.5

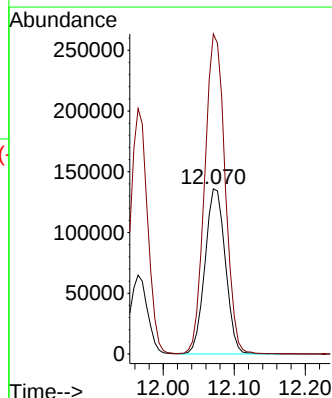
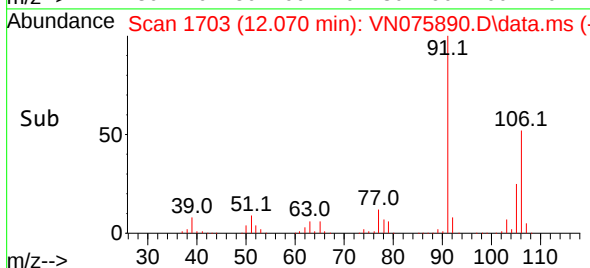
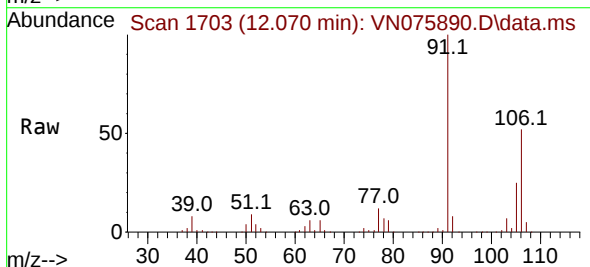
Manual Integrations  
APPROVED

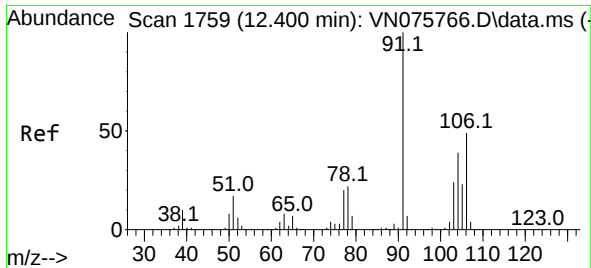
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#68  
m/p-Xylenes  
Concen: 40.072 ug/l  
RT: 12.070 min Scan# 1703  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:106 Resp: 271520  
Ion Ratio Lower Upper  
106 100  
91 193.0 156.6 235.0





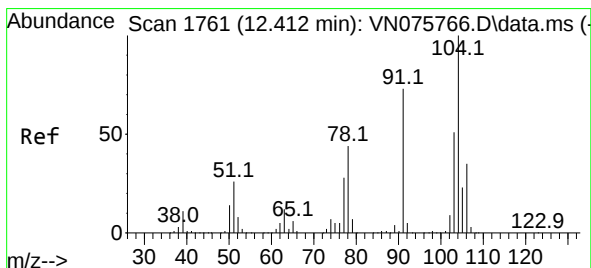
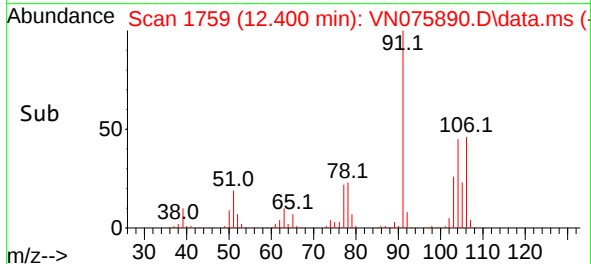
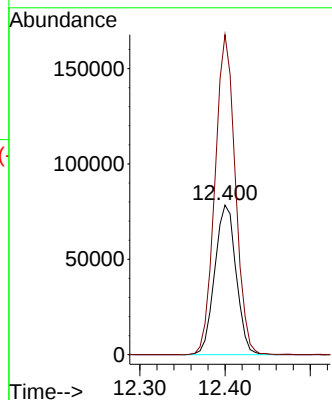
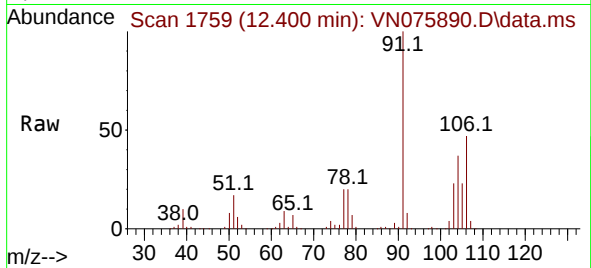
#69  
o-Xylene  
Concen: 20.381 ug/l  
RT: 12.400 min Scan# 1759  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:106 Resp: 136668  
Ion Ratio Lower Upper  
106 100  
91 203.5 103.8 311.6

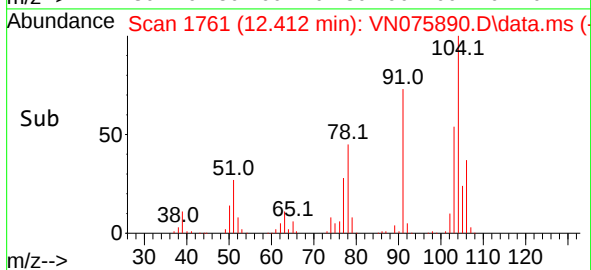
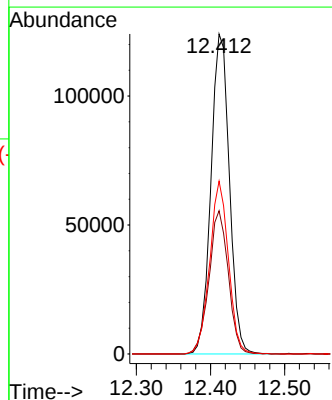
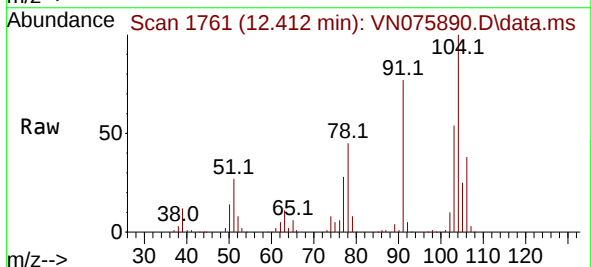
Manual Integrations  
APPROVED

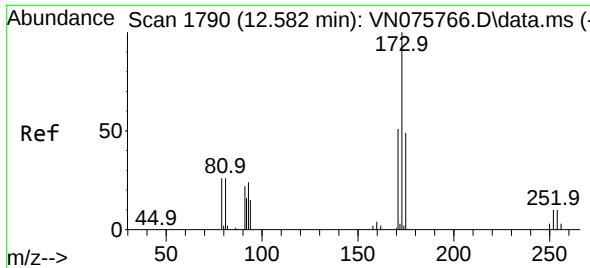
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#70  
Styrene  
Concen: 20.121 ug/l  
RT: 12.412 min Scan# 1761  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

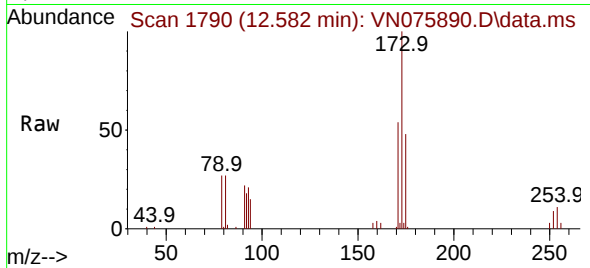
Tgt Ion:104 Resp: 214519  
Ion Ratio Lower Upper  
104 100  
78 47.0 37.5 56.3  
103 54.9 43.5 65.3





#71  
Bromoform  
Concen: 19.792 ug/l  
RT: 12.582 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

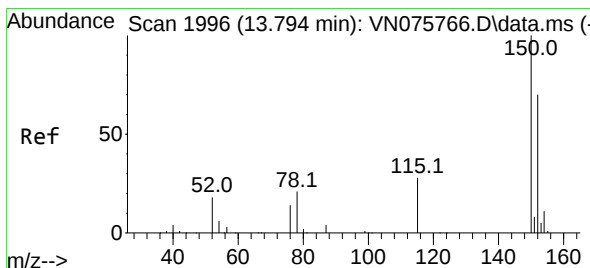
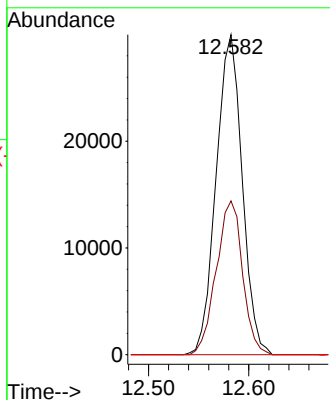
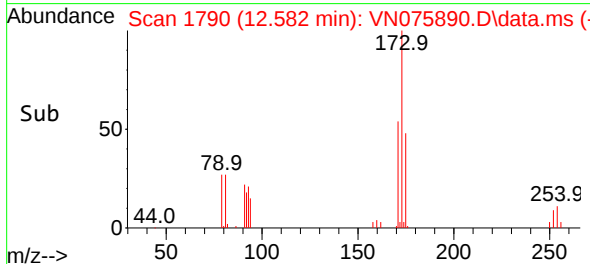
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



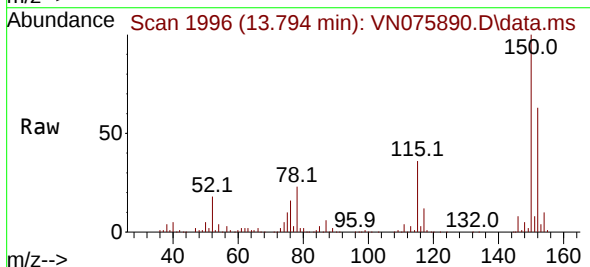
Tgt Ion:173 Resp: 5410  
Ion Ratio Lower Upper  
173 100  
175 48.5 24.3 72.8  
254 0.0 0.0 0.0

Manual Integrations  
APPROVED

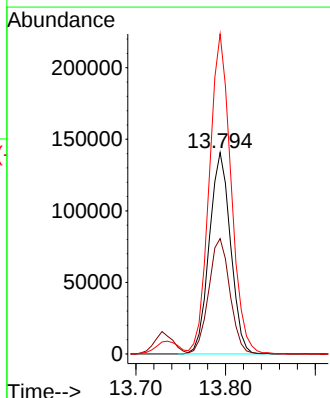
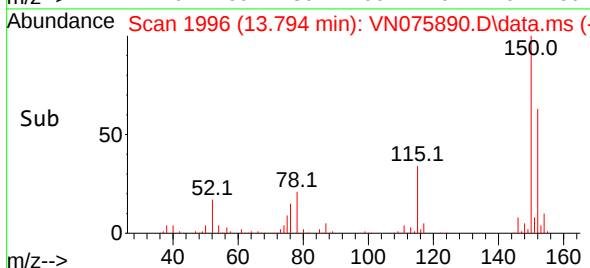
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

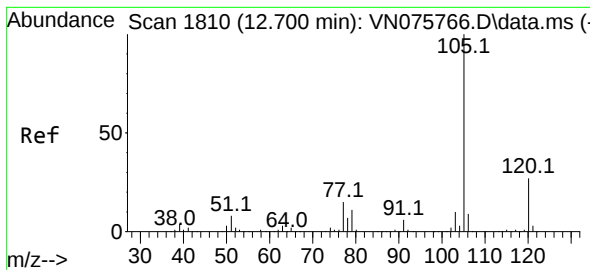


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.794 min Scan# 1996  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion:152 Resp: 231017  
Ion Ratio Lower Upper  
152 100  
115 57.3 29.1 87.4  
150 162.6 0.0 347.0





#73

Isopropylbenzene

Concen: 20.778 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

Tgt Ion:105 Resp: 34686

Ion Ratio Lower Upper

105 100

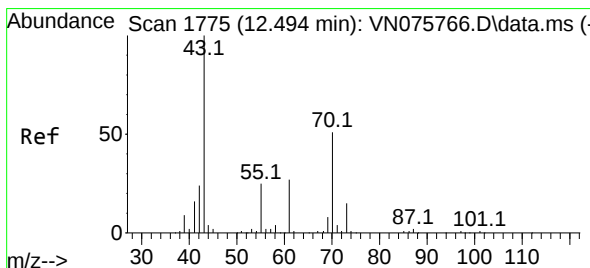
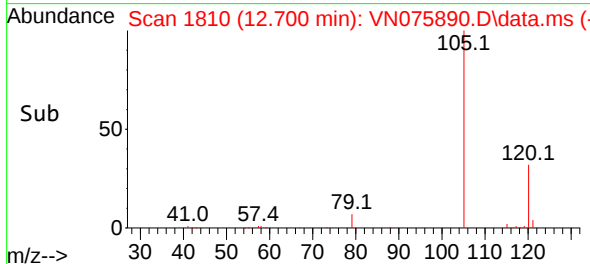
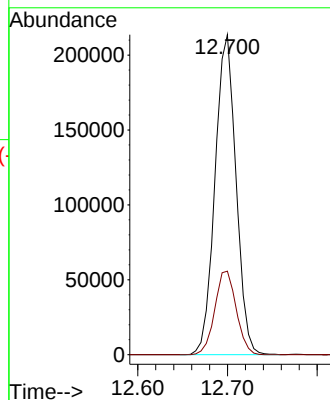
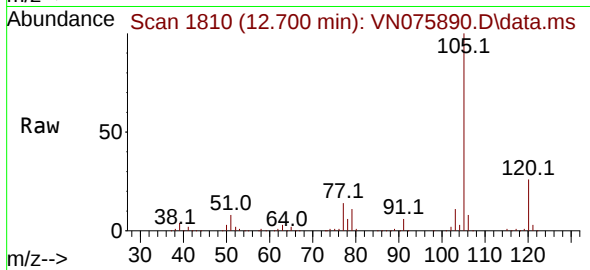
120 26.7 13.4 40.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#74

N-ethyl acetate

Concen: 21.410 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Tgt Ion: 43 Resp: 104855

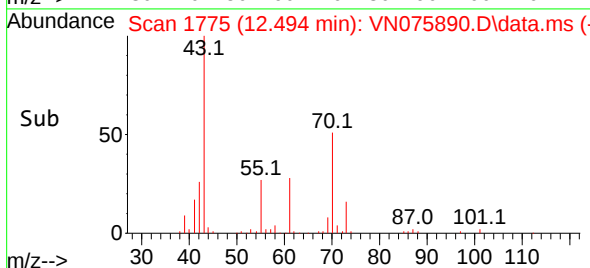
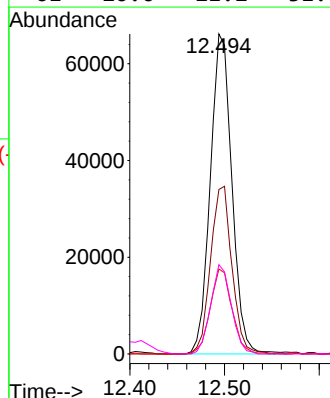
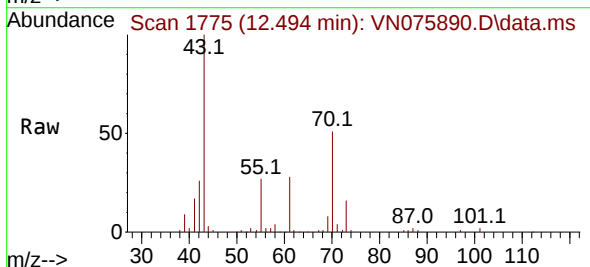
Ion Ratio Lower Upper

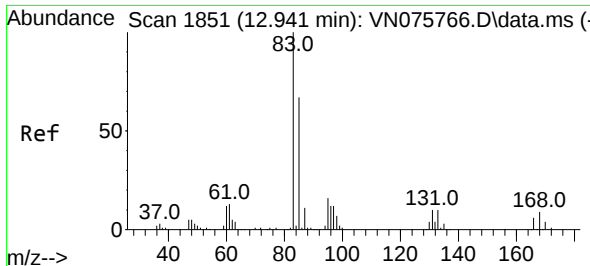
43 100

70 52.0 41.4 62.0

55 26.8 21.3 31.9

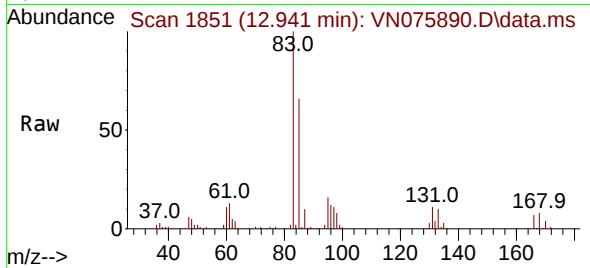
61 26.6 21.2 31.8





#75  
1,1,2,2-Tetrachloroethane  
Concen: 19.837 ug/l  
RT: 12.941 min Scan# 1851  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

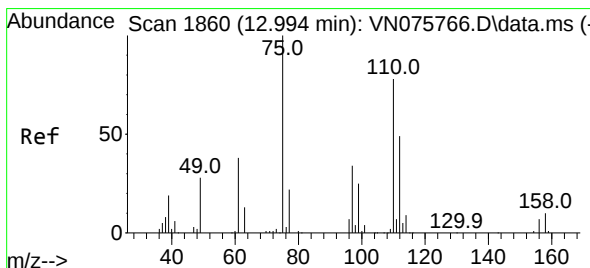
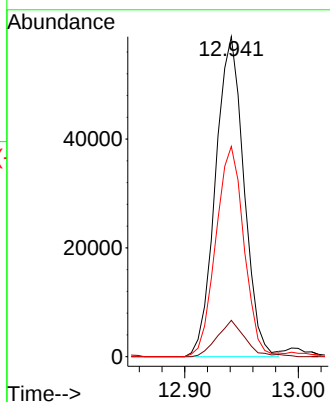
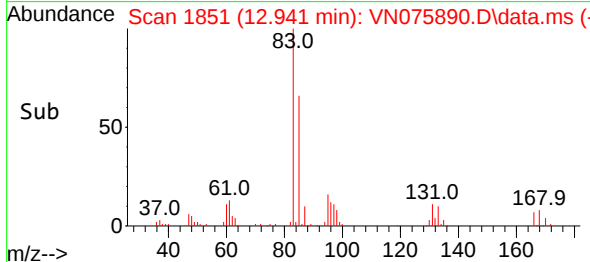
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



Tgt Ion: 83 Resp: 102370  
Ion Ratio Lower Upper  
83 100  
131 11.2 5.6 16.8  
85 65.1 32.6 98.0

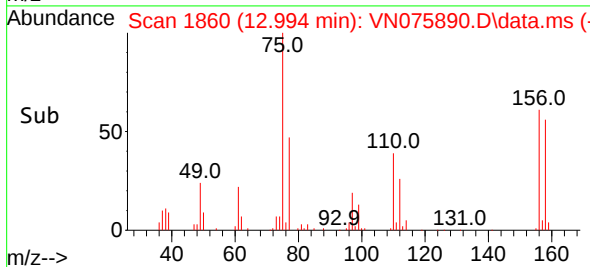
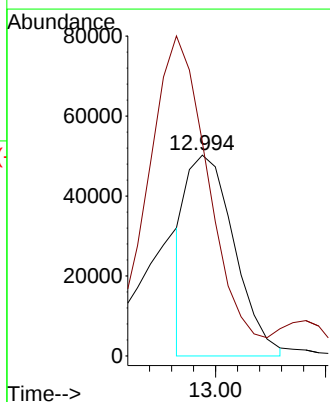
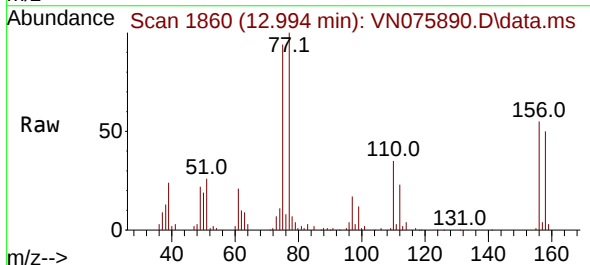
Manual Integrations  
APPROVED

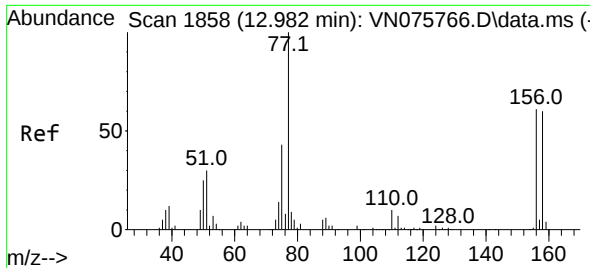
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#76  
1,2,3-Trichloropropane  
Concen: 16.370 ug/l m  
RT: 12.994 min Scan# 1860  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 75 Resp: 76229  
Ion Ratio Lower Upper  
75 100  
77 204.6 82.6 247.8





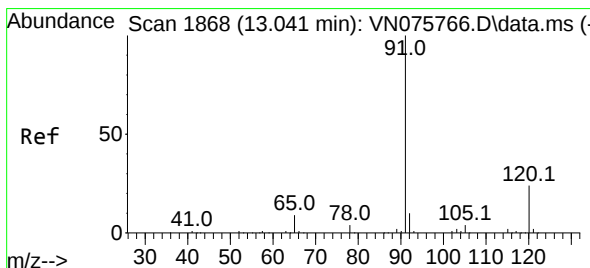
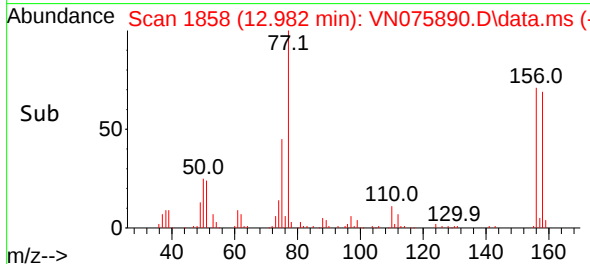
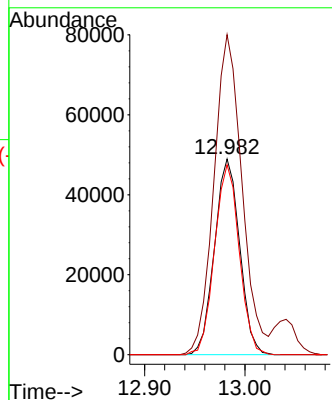
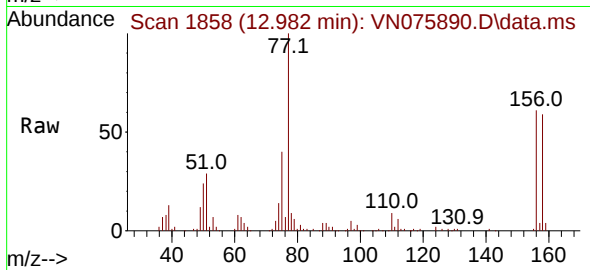
#77  
Bromobenzene  
Concen: 20.144 ug/l  
RT: 12.982 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:156 Resp: 85109  
Ion Ratio Lower Upper  
156 100  
77 183.3 93.8 281.3  
158 95.3 48.9 146.6

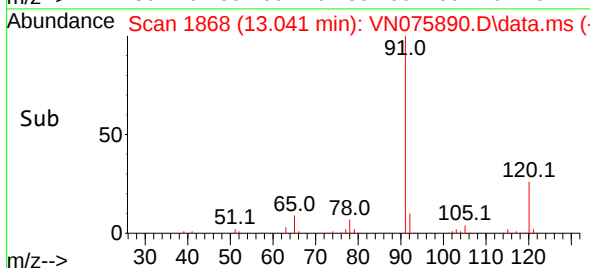
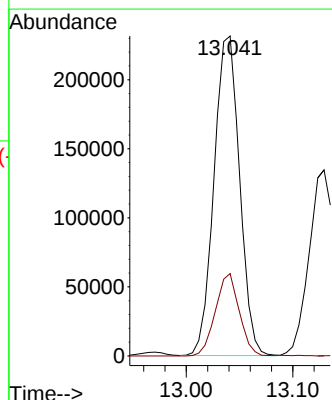
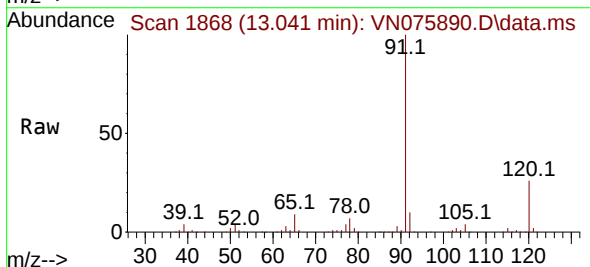
Manual Integrations  
APPROVED

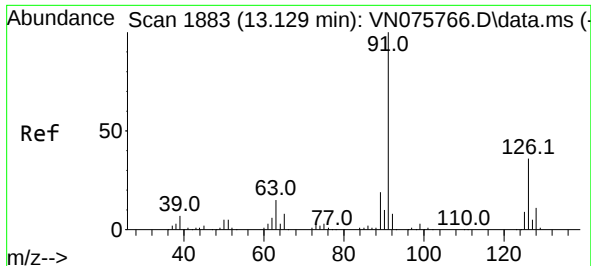
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#78  
n-propylbenzene  
Concen: 20.930 ug/l  
RT: 13.041 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 91 Resp: 385379  
Ion Ratio Lower Upper  
91 100  
120 24.0 12.0 36.1





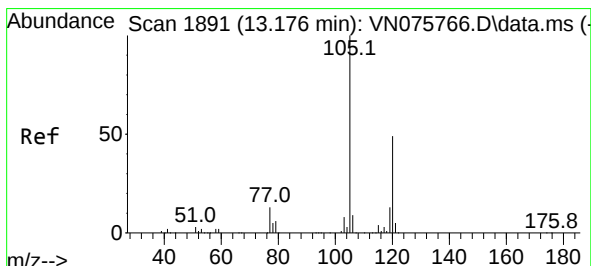
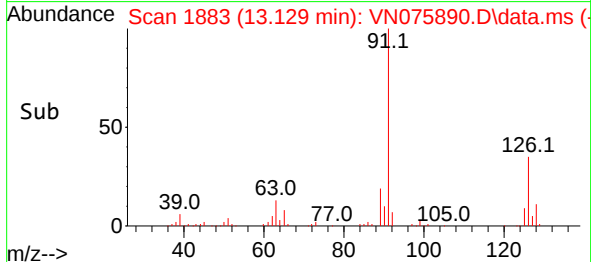
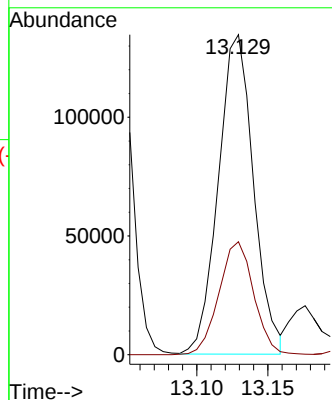
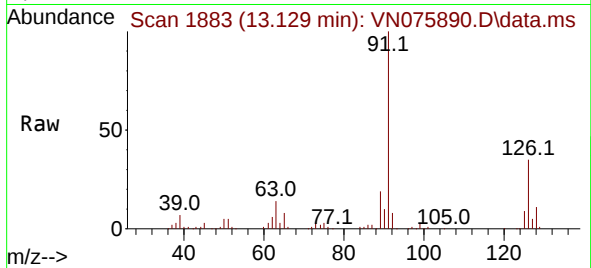
#79  
2-Chlorotoluene  
Concen: 20.185 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 91 Resp: 232000  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.5 52.5

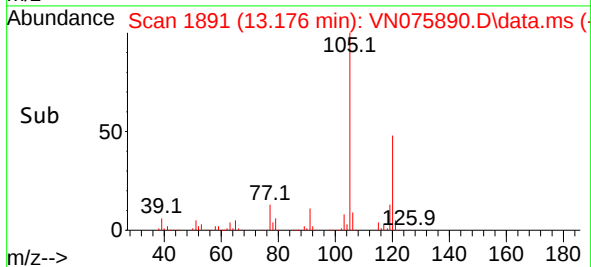
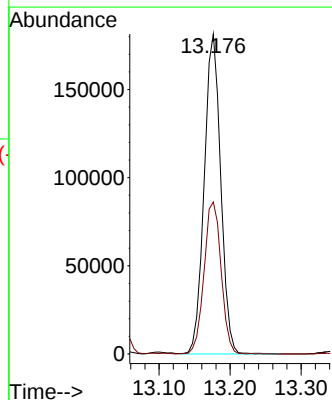
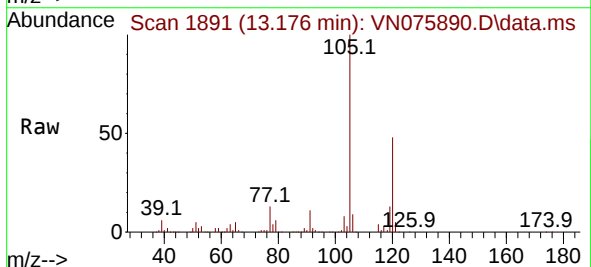
Manual Integrations  
APPROVED

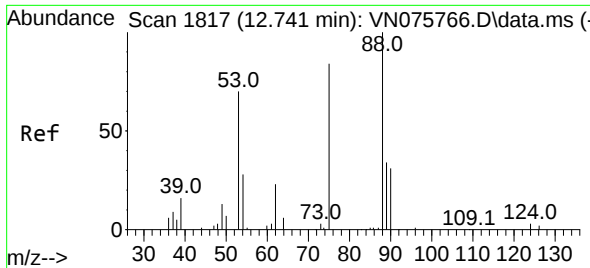
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#80  
1,3,5-Trimethylbenzene  
Concen: 21.003 ug/l  
RT: 13.176 min Scan# 1891  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

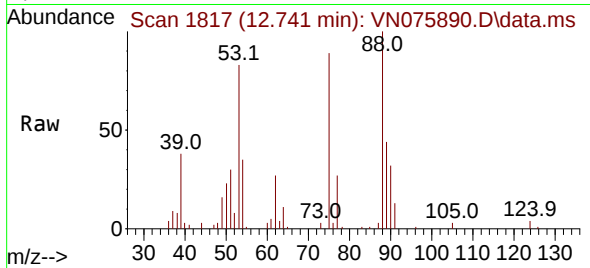
Tgt Ion:105 Resp: 293466  
Ion Ratio Lower Upper  
105 100  
120 49.1 24.7 74.1





#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.542 ug/l  
RT: 12.741 min Scan# 1817  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

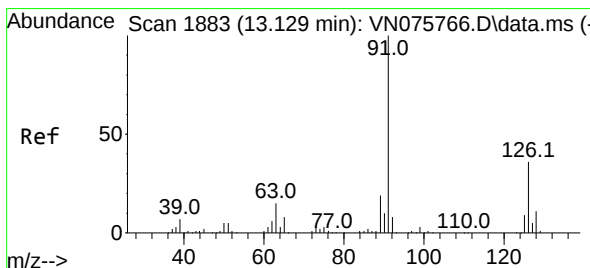
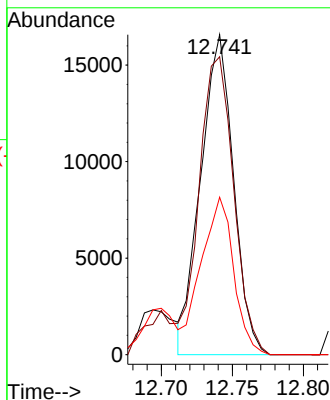
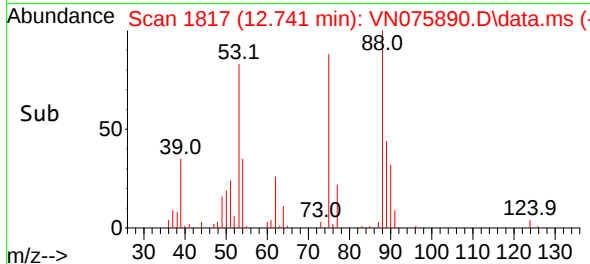
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



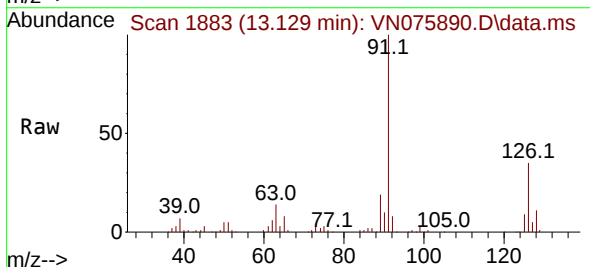
Tgt Ion: 75 Resp: 26579  
Ion Ratio Lower Upper  
75 100  
53 100.0 73.8 110.6  
89 49.4 39.5 59.3

Manual Integrations  
APPROVED

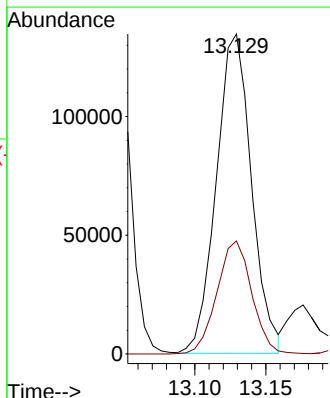
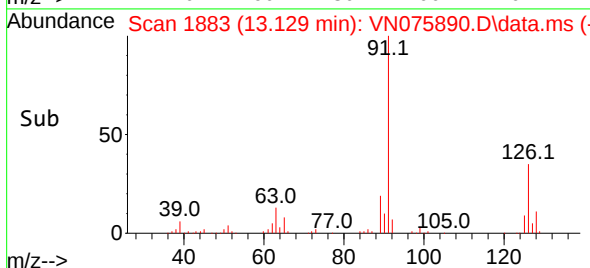
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

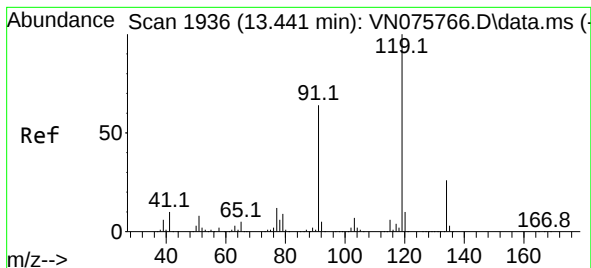


#82  
4-Chlorotoluene  
Concen: 20.185 ug/l  
RT: 13.129 min Scan# 1883  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion: 91 Resp: 232005  
Ion Ratio Lower Upper  
91 100  
126 35.0 17.5 52.5





#83

tert-Butylbenzene

Concen: 21.514 ug/l

RT: 13.441 min Scan# 1936

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

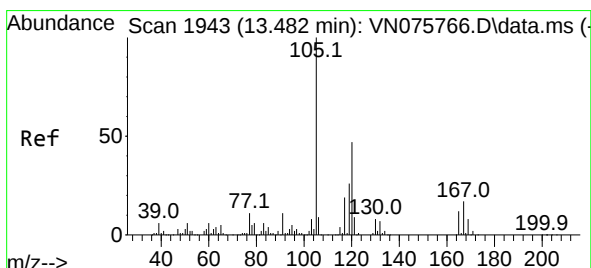
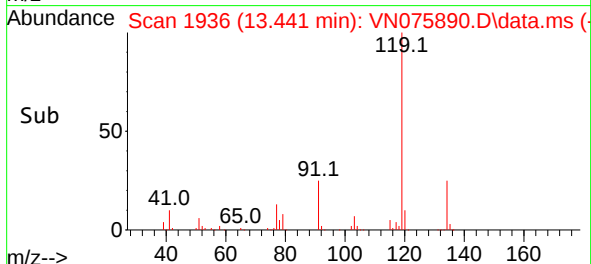
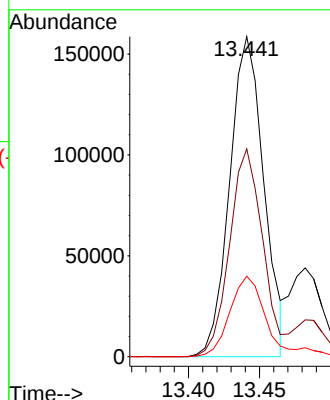
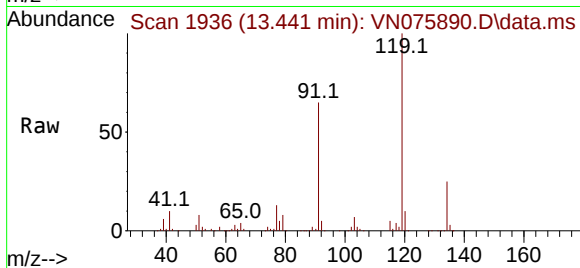
ClientSampleId :

VN1220WBS01

Tgt Ion:119 Resp: 265038  
 Ion Ratio Lower Upper  
 119 100  
 91 64.0 31.9 95.5  
 134 27.2 13.8 41.4

Manual Integrations  
 APPROVED

Reviewed By :John Carlone 12/21/2022  
 Supervised By :Mahesh Dadoda 12/21/2022



#84

1,2,4-Trimethylbenzene

Concen: 21.042 ug/l

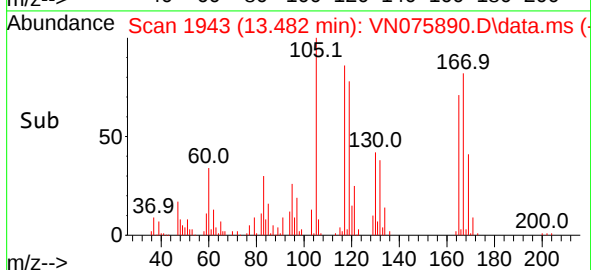
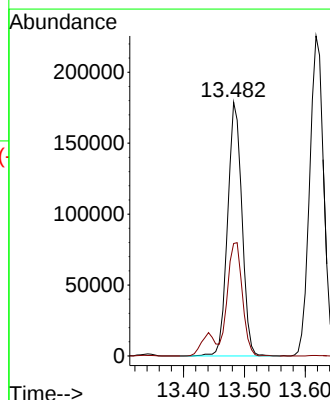
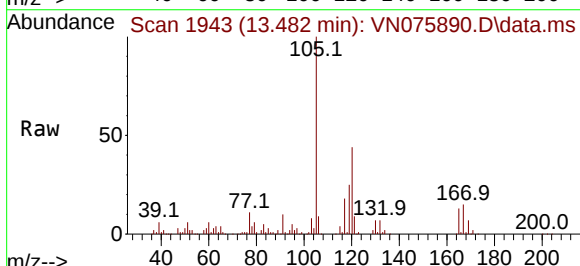
RT: 13.482 min Scan# 1943

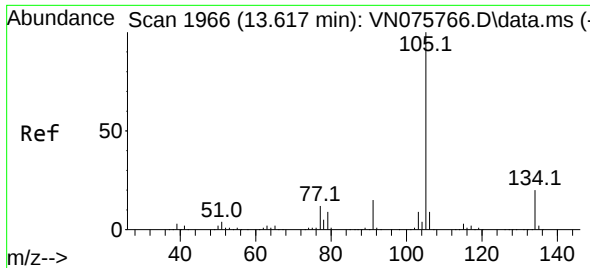
Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

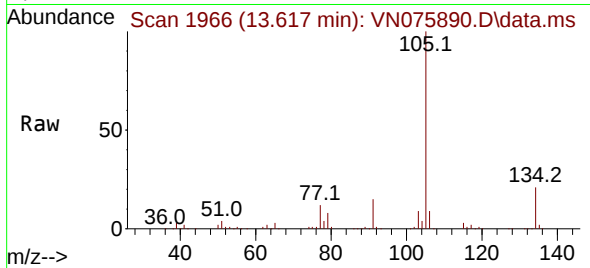
Tgt Ion:105 Resp: 291671  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.3 69.8





#85  
 sec-Butylbenzene  
 Concen: 21.253 ug/l  
 RT: 13.617 min Scan# 1966  
 Delta R.T. -0.000 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36

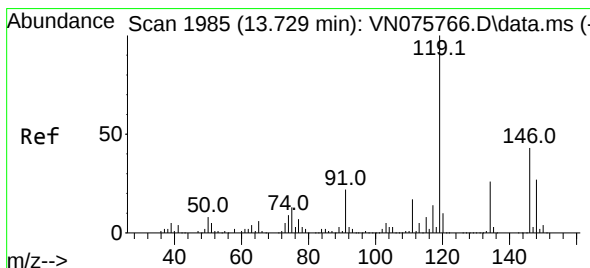
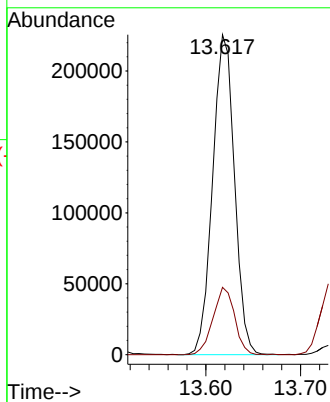
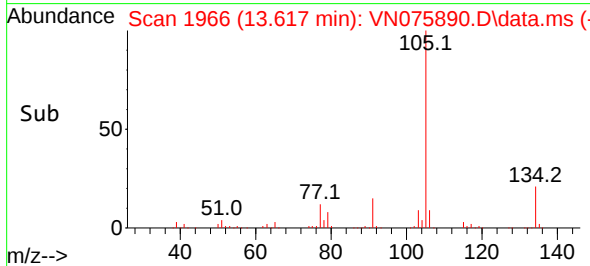
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN1220WBS01



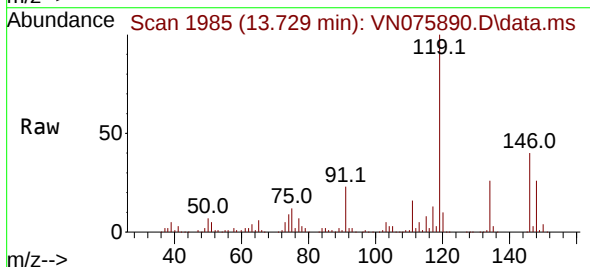
Tgt Ion:105 Resp: 361370  
 Ion Ratio Lower Upper  
 105 100  
 134 20.8 10.1 30.1

Manual Integrations  
 APPROVED

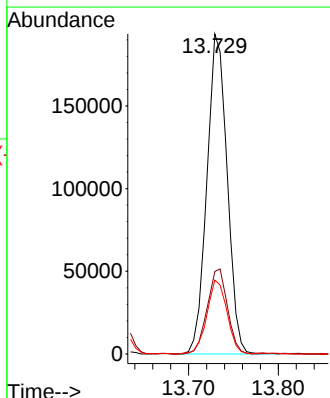
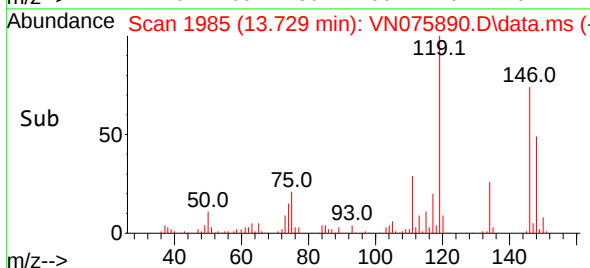
Reviewed By :John Carlone 12/21/2022  
 Supervised By :Mahesh Dadoda 12/21/2022

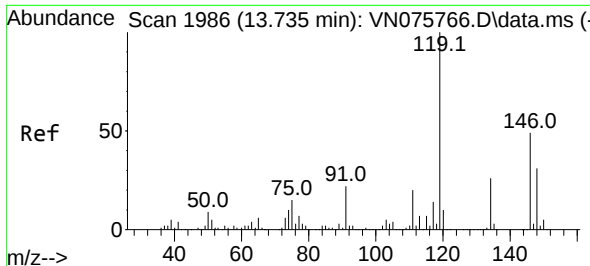


#86  
 p-Isopropyltoluene  
 Concen: 21.473 ug/l  
 RT: 13.729 min Scan# 1985  
 Delta R.T. -0.000 min  
 Lab File: VN075890.D  
 Acq: 20 Dec 2022 11:36



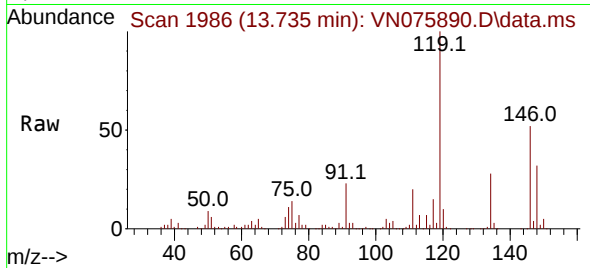
Tgt Ion:119 Resp: 303808  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.0 39.0  
 91 22.9 11.2 33.6





#87  
1,3-Dichlorobenzene  
Concen: 19.595 ug/l  
RT: 13.735 min Scan# 1986  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

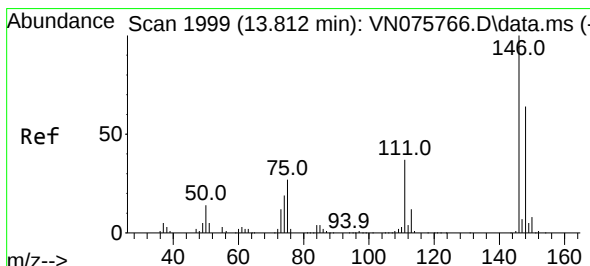
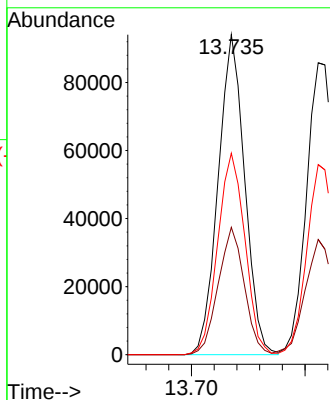
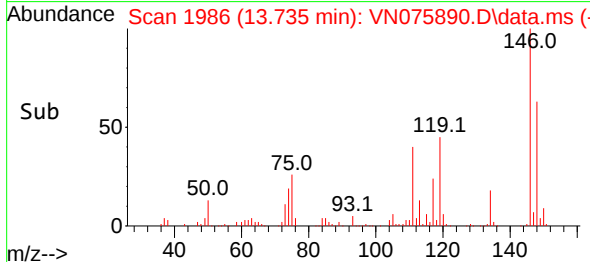
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



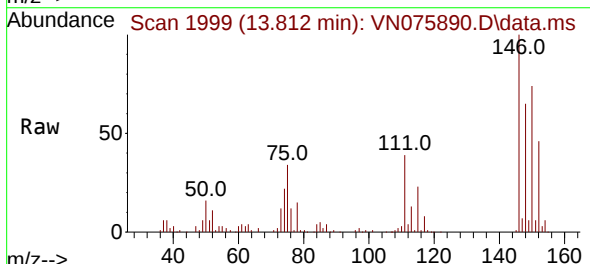
Tgt Ion:146 Resp: 152923  
Ion Ratio Lower Upper  
146 100  
111 39.0 19.7 59.0  
148 64.4 31.4 94.2

Manual Integrations  
APPROVED

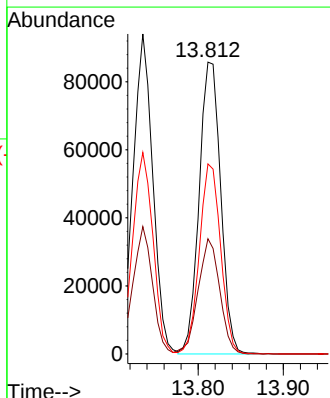
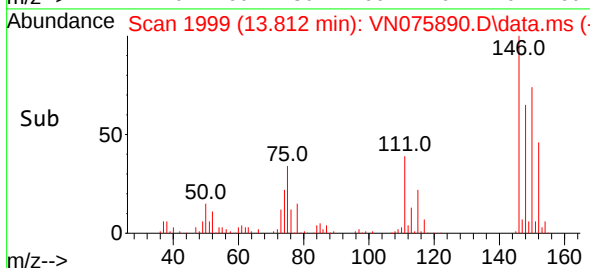
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022

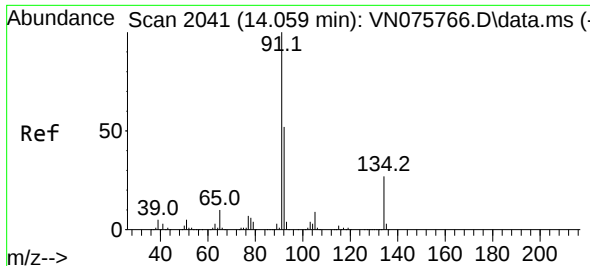


#88  
1,4-Dichlorobenzene  
Concen: 18.929 ug/l  
RT: 13.812 min Scan# 1999  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion:146 Resp: 150910  
Ion Ratio Lower Upper  
146 100  
111 39.6 19.1 57.1  
148 64.3 32.0 96.2





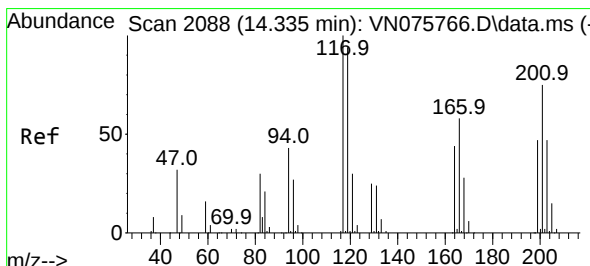
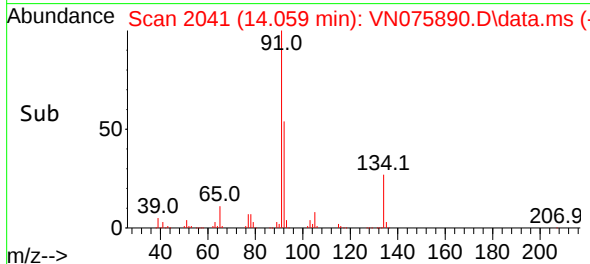
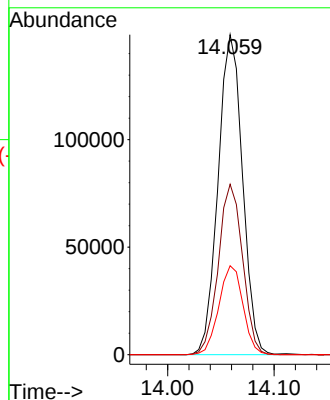
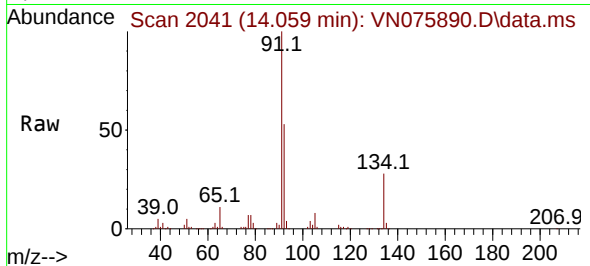
#89  
n-Butylbenzene  
Concen: 20.684 ug/l  
RT: 14.059 min Scan# 2041  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion: 91 Resp: 237078  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.4 79.2  
134 27.5 13.4 40.2

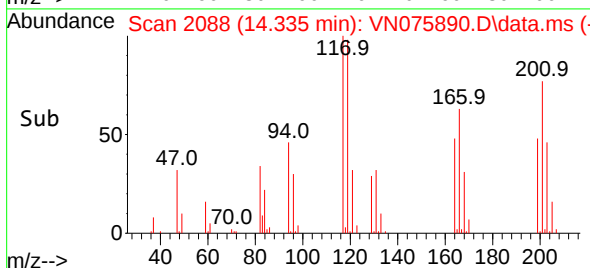
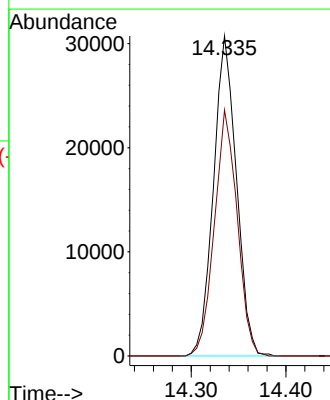
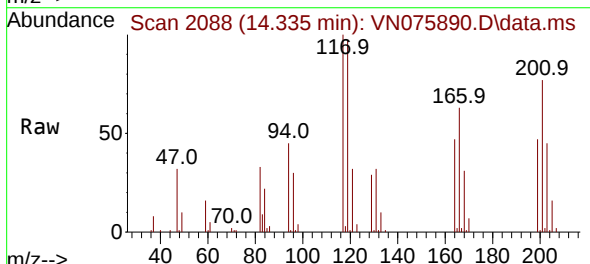
Manual Integrations  
APPROVED

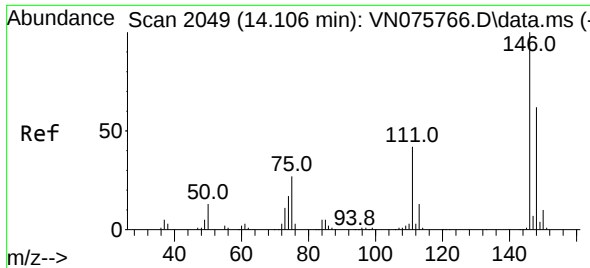
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#90  
Hexachloroethane  
Concen: 20.431 ug/l  
RT: 14.335 min Scan# 2088  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion:117 Resp: 51707  
Ion Ratio Lower Upper  
117 100  
201 76.4 38.0 114.1





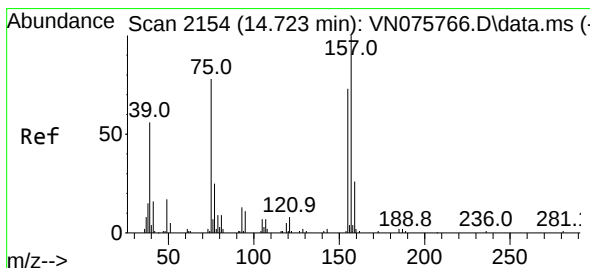
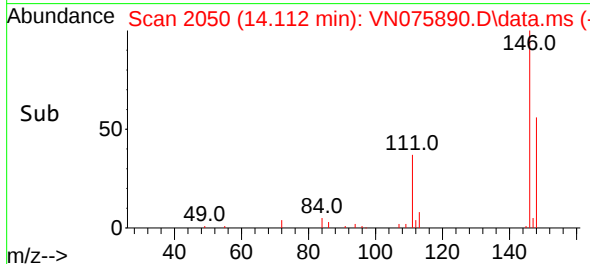
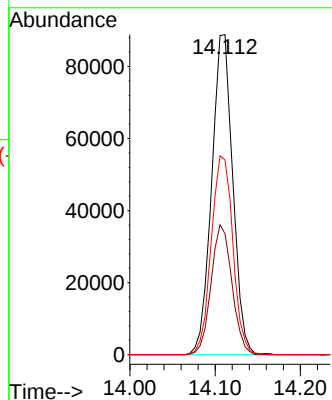
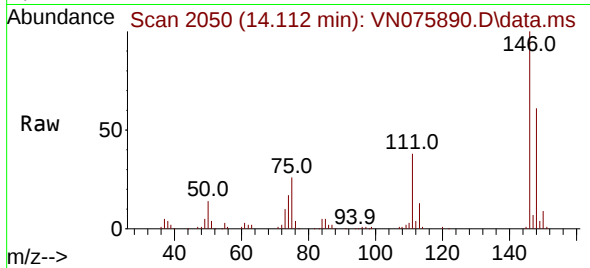
#91  
1,2-Dichlorobenzene  
Concen: 19.910 ug/l  
RT: 14.112 min Scan# 2049  
Delta R.T. 0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01

Tgt Ion:146 Resp: 15305  
Ion Ratio Lower Upper  
146 100  
111 40.0 20.3 61.0  
148 63.6 31.7 95.1

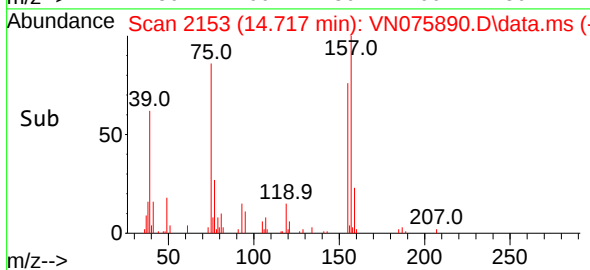
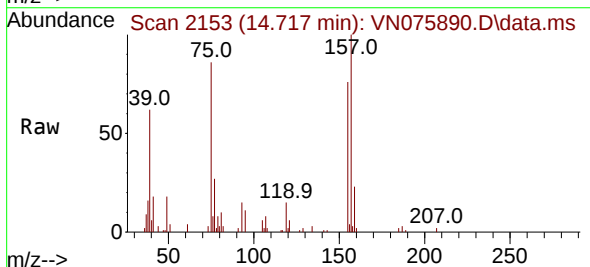
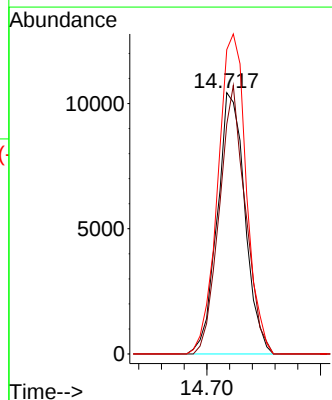
Manual Integrations  
APPROVED

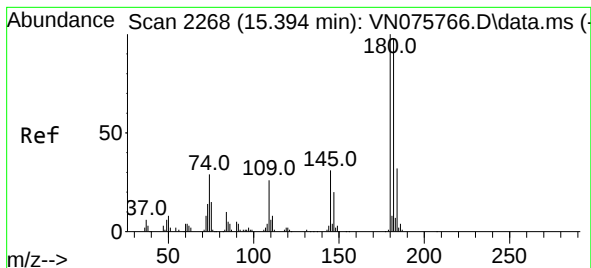
Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 19.244 ug/l  
RT: 14.717 min Scan# 2153  
Delta R.T. -0.006 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

Tgt Ion: 75 Resp: 17623  
Ion Ratio Lower Upper  
75 100  
155 96.8 49.3 147.8  
157 126.0 63.7 191.3





#93

1,2,4-Trichlorobenzene

Concen: 19.996 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

Instrument :

MSVOA\_N

ClientSampleId :

VN1220WBS01

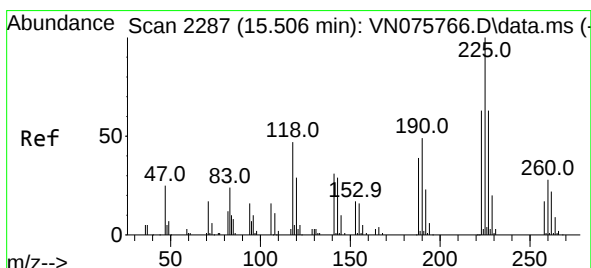
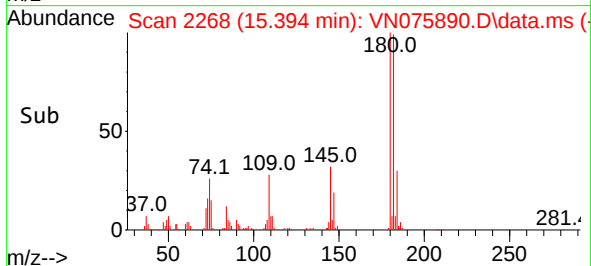
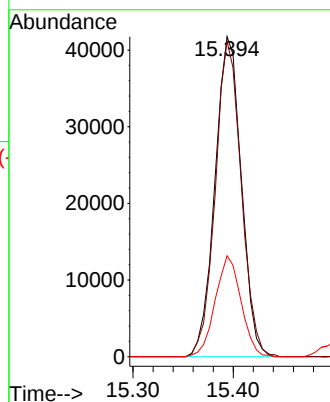
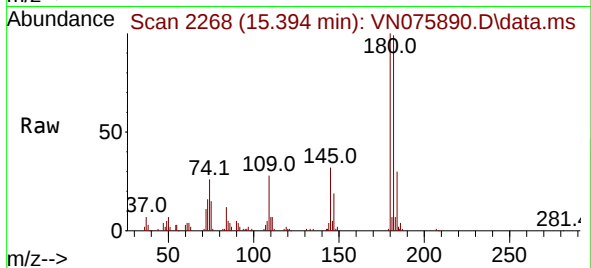
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 76099      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.9  | 47.5 142.5 |
| 145         | 30.8  | 15.3 45.8  |

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#94

Hexachlorobutadiene

Concen: 20.181 ug/l

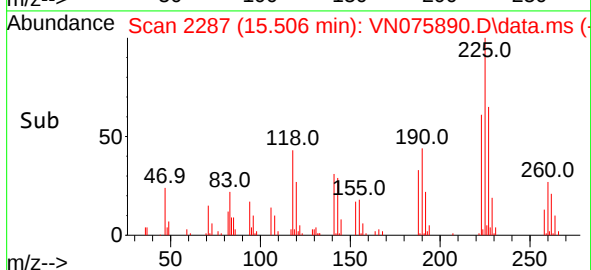
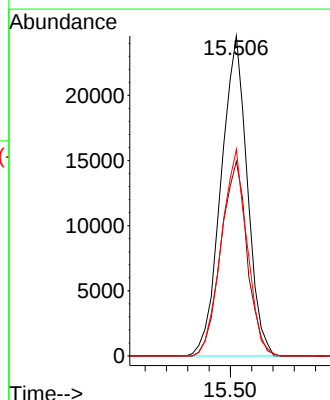
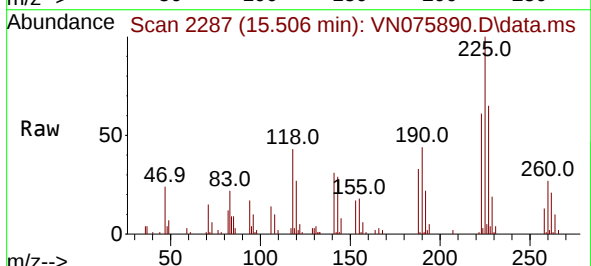
RT: 15.506 min Scan# 2287

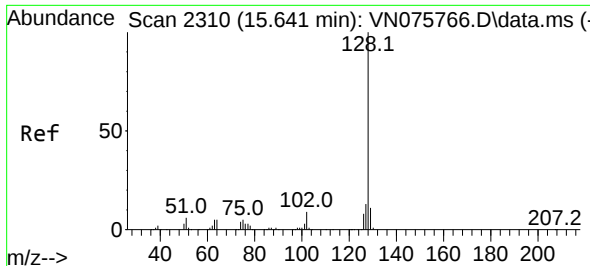
Delta R.T. -0.000 min

Lab File: VN075890.D

Acq: 20 Dec 2022 11:36

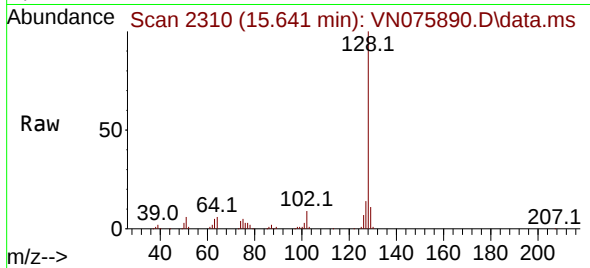
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 41903     |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 61.1  | 31.5 94.5 |
| 227         | 63.5  | 31.6 95.0 |





#95  
Naphthalene  
Concen: 19.579 ug/l  
RT: 15.641 min Scan# 2310  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36

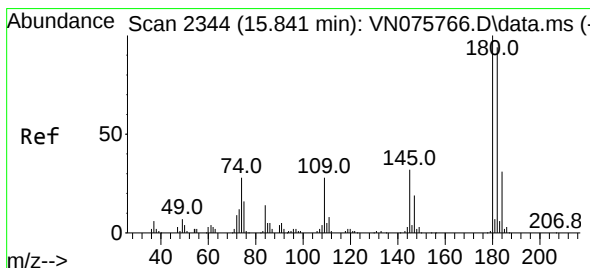
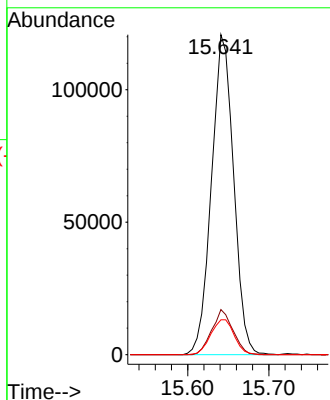
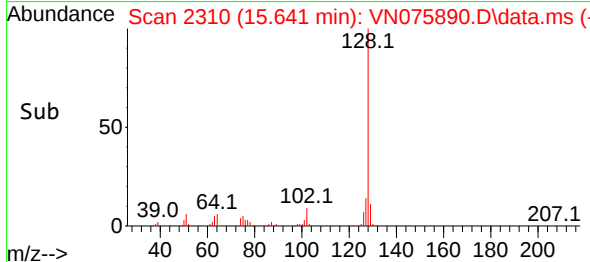
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN1220WBS01



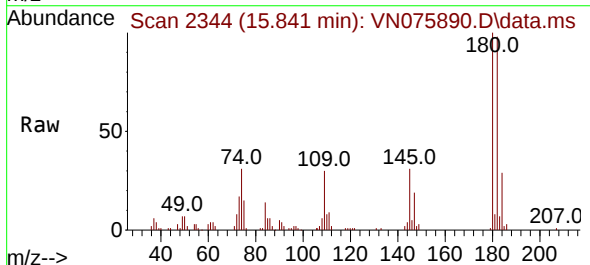
Tgt Ion:128 Resp: 228749  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.4 15.6  
129 11.6 8.7 13.1

Manual Integrations  
APPROVED

Reviewed By :John Carlone 12/21/2022  
Supervised By :Mahesh Dadoda 12/21/2022



#96  
1,2,3-Trichlorobenzene  
Concen: 20.952 ug/l  
RT: 15.841 min Scan# 2344  
Delta R.T. -0.000 min  
Lab File: VN075890.D  
Acq: 20 Dec 2022 11:36



Tgt Ion:180 Resp: 74528  
Ion Ratio Lower Upper  
180 100  
182 94.8 47.0 141.0  
145 32.9 16.0 47.9

