

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092722\  
 Data File : VN074623.D  
 Acq On : 27 Sep 2022 12:28  
 Operator : JC\MD  
 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/28/2022  
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 07:19:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 28 07:17:56 2022  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Bromochloromethane        | 7.492          | 128  | 141513              | 30.000  | ug/l   | 0.00     |
| 28) 1,4-Difluorobenzene      | 8.828          | 114  | 860761              | 30.000  | ug/l   | 0.00     |
| 57) Chlorobenzene-d5         | 11.616         | 117  | 784368              | 30.000  | ug/l   | 0.00     |
|                              |                |      |                     |         |        |          |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 27) 1,2-Dichloroethane-d4    | 8.286          | 65   | 403746              | 30.258  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 110 |      | Recovery = 100.867% |         |        |          |
| 60) 4-Bromofluorobenzene     | 12.604         | 95   | 411672              | 27.020  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 63 - 112 |      | Recovery = 90.067%  |         |        |          |
| 63) Toluene-d8               | 10.310         | 98   | 1313317             | 29.684  | ug/l   | 0.00     |
| Spiked Amount 30.000         | Range 91 - 112 |      | Recovery = 98.933%  |         |        |          |
|                              |                |      |                     |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.999          | 85   | 171443              | 20.615  | ug/l   | 100      |
| 3) Chloromethane             | 2.216          | 50   | 250563              | 20.516  | ug/l   | 100      |
| 4) Vinyl Chloride            | 2.357          | 62   | 321221              | 20.544  | ug/l   | 100      |
| 5) Bromomethane              | 2.734          | 94   | 229930              | 22.813  | ug/l   | 100      |
| 6) Chloroethane              | 2.899          | 64   | 225476              | 20.402  | ug/l   | 100      |
| 7) Trichlorofluoromethane    | 3.240          | 101  | 300152              | 20.669  | ug/l   | 100      |
| 8) Diethyl Ether             | 3.681          | 74   | 159302              | 20.798  | ug/l   | 100      |
| 9) 1,1,2-Trichlorotrifluo... | 4.046          | 101  | 186527              | 20.312  | ug/l   | 100      |
| 10) 1,1-Dichloroethene       | 4.022          | 96   | 198892              | 20.779  | ug/l   | 100      |
| 11) Methyl Iodide            | 4.257          | 142  | 248352              | 20.199  | ug/l   | 100      |
| 12) Methyl Acetate           | 4.669          | 43   | 420330              | 20.451  | ug/l   | 100      |
| 13) Acrolein                 | 3.893          | 56   | 160623              | 95.987  | ug/l   | 100      |
| 14) Acrylonitrile            | 5.363          | 53   | 848558              | 101.885 | ug/l   | 100      |
| 15) Acetone                  | 4.122          | 58   | 224247              | 104.581 | ug/l   | 100      |
| 16) Carbon Disulfide         | 4.357          | 76   | 539812              | 20.009  | ug/l   | 100      |
| 17) Allyl chloride           | 4.657          | 41   | 400463              | 20.407  | ug/l   | 100      |
| 18) Methylene Chloride       | 4.898          | 84   | 255672              | 20.892  | ug/l   | 100      |
| 19) trans-1,2-Dichloroethene | 5.404          | 96   | 214019              | 19.698  | ug/l   | 100      |
| 20) Diisopropyl ether        | 6.304          | 45   | 855563              | 19.981  | ug/l   | 100      |
| 21) 1,1-Dichloroethane       | 6.198          | 63   | 442904              | 20.481  | ug/l   | 100      |
| 22) cis-1,2-Dichloroethene   | 7.145          | 96   | 264203              | 20.036  | ug/l   | 100      |
| 23) tert-Butyl Alcohol       | 5.169          | 59   | 358886              | 104.567 | ug/l   | 100      |
| 24) Methyl tert-Butyl Ether  | 5.422          | 73   | 799413              | 20.097  | ug/l   | 100      |
| 25) Chloroform               | 7.657          | 83   | 429802              | 20.049  | ug/l   | 100      |
| 26) Cyclohexane              | 7.934          | 56   | 401163              | 20.630  | ug/l # | 100      |
| 29) 1,1-Dichloropropene      | 8.069          | 75   | 305361              | 18.994  | ug/l   | 100      |
| 30) 2-Butanone               | 7.163          | 43   | 1221764             | 99.606  | ug/l   | 100      |
| 31) 2,2-Dichloropropane      | 7.151          | 77   | 378159              | 19.629  | ug/l   | 100      |
| 32) 1,1,1-Trichloroethane    | 7.857          | 97   | 370924              | 19.530  | ug/l   | 100      |
| 33) Carbon Tetrachloride     | 8.045          | 117  | 305619              | 19.240  | ug/l   | 100      |
| 34) Benzene                  | 8.304          | 78   | 1037387             | 19.491  | ug/l   | 100      |
| 35) Methacrylonitrile        | 7.475          | 41   | 226716m             | 19.428  | ug/l   |          |
| 36) 1,2-Dichloroethane       | 8.381          | 62   | 329394              | 18.953  | ug/l   | 100      |
| 37) Trichloroethene          | 9.075          | 130  | 224099              | 19.829  | ug/l   | 100      |
| 38) Methylcyclohexane        | 9.322          | 83   | 398979              | 19.174  | ug/l   | 100      |
| 39) 1,2-Dichloropropane      | 9.351          | 63   | 281926              | 20.007  | ug/l   | 100      |
| 40) Dibromomethane           | 9.445          | 93   | 176017              | 19.359  | ug/l   | 100      |
| 41) Bromodichloromethane     | 9.628          | 83   | 348833              | 19.300  | ug/l   | 100      |
| 42) Vinyl Acetate            | 6.245          | 43   | 3900534             | 97.859  | ug/l   | 100      |

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 Sample : VSTDICCC020  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 09/28/2022  
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 07:19:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092722W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Wed Sep 28 07:17:56 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 43) Ethyl Acetate             | 7.239  | 43   | 474383   | 19.968  | ug/l  | 100      |
| 44) Isopropyl Acetate         | 8.416  | 43   | 763970   | 19.803  | ug/l  | 100      |
| 45) 1,4-Dioxane               | 9.433  | 88   | 139914   | 424.998 | ug/l  | 100      |
| 46) Methyl methacrylate       | 9.428  | 41   | 314445   | 19.570  | ug/l  | 100      |
| 47) n-amyl Acetate            | 12.269 | 43   | 650255   | 18.416  | ug/l  | 100      |
| 48) t-1,3-Dichloropropene     | 10.592 | 75   | 406190   | 18.512  | ug/l  | 100      |
| 49) cis-1,3-Dichloropropene   | 10.063 | 75   | 437511   | 19.162  | ug/l  | 100      |
| 50) 1,1,2-Trichloroethane     | 10.775 | 97   | 263097   | 19.903  | ug/l  | 100      |
| 51) Ethyl methacrylate        | 10.639 | 69   | 463575   | 18.703  | ug/l  | 100      |
| 52) 1,3-Dichloropropane       | 10.922 | 76   | 454875   | 19.415  | ug/l  | 100      |
| 53) Dibromochloromethane      | 11.110 | 129  | 259753   | 18.593  | ug/l  | 100      |
| 54) 1,2-Dibromoethane         | 11.216 | 107  | 261674   | 19.135  | ug/l  | 100      |
| 55) 2-Chloroethyl vinyl ether | 9.910  | 63   | 899702   | 93.533  | ug/l  | 100      |
| 56) Bromoform                 | 12.333 | 173  | 183050   | 16.763  | ug/l  | 100      |
| 58) 4-Methyl-2-Pentanone      | 10.204 | 43   | 2462395  | 101.160 | ug/l  | 100      |
| 59) 2-Hexanone                | 10.963 | 43   | 1888888  | 100.189 | ug/l  | 100      |
| 61) Tetrachloroethene         | 10.851 | 164  | 165607   | 18.927  | ug/l  | 100      |
| 62) Toluene                   | 10.375 | 91   | 1090800  | 18.992  | ug/l  | 100      |
| 64) Chlorobenzene             | 11.645 | 112  | 642680   | 19.528  | ug/l  | 100      |
| 65) 1,1,1,2-Tetrachloroethane | 11.716 | 131  | 240231   | 19.427  | ug/l  | 100      |
| 66) Ethyl Benzene             | 11.722 | 91   | 1193229  | 19.564  | ug/l  | 100      |
| 67) m/p-Xylenes               | 11.827 | 106  | 885500   | 36.160  | ug/l  | 100      |
| 68) o-Xylene                  | 12.157 | 106  | 452029   | 18.130  | ug/l  | 100      |
| 69) Styrene                   | 12.169 | 104  | 731352   | 17.436  | ug/l  | 100      |
| 70) Isopropylbenzene          | 12.457 | 105  | 1136347  | 17.864  | ug/l  | 100      |
| 71) 1,1,2,2-Tetrachloroethane | 12.704 | 83   | 444414   | 19.682  | ug/l  | 100      |
| 72) 1,2,3-Trichloropropane    | 12.757 | 75   | 315912m  | 11.575  | ug/l  |          |
| 73) Bromobenzene              | 12.733 | 156  | 239271   | 18.721  | ug/l  | 100      |
| 74) n-propylbenzene           | 12.798 | 91   | 1303926  | 18.192  | ug/l  | 100      |
| 75) 2-Chlorotoluene           | 12.880 | 91   | 786233   | 18.083  | ug/l  | 100      |
| 76) 1,3,5-Trimethylbenzene    | 12.939 | 105  | 928092   | 17.304  | ug/l  | 100      |
| 77) t-1,4-Dichloro-2-butene   | 12.504 | 75   | 161014   | 18.186  | ug/l  | 100      |
| 78) 4-Chlorotoluene           | 12.980 | 91   | 739790   | 16.978  | ug/l  | 100      |
| 79) tert-butylbenzene         | 13.198 | 119  | 812719   | 17.319  | ug/l  | 100      |
| 80) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 900235   | 16.994  | ug/l  | 100      |
| 81) sec-Butylbenzene          | 13.374 | 105  | 1159215  | 17.459  | ug/l  | 100      |
| 82) p-Isopropyltoluene        | 13.492 | 119  | 919797   | 16.831  | ug/l  | 100      |
| 83) 1,3-Dichlorobenzene       | 13.492 | 146  | 433729   | 16.513  | ug/l  | 100      |
| 84) 1,4-Dichlorobenzene       | 13.568 | 146  | 426209   | 16.315  | ug/l  | 100      |
| 85) n-Butylbenzene            | 13.821 | 91   | 765094   | 16.410  | ug/l  | 100      |
| 86) Hexachloroethane          | 14.086 | 117  | 201503   | 19.143  | ug/l  | 100      |
| 87) 1,2-Dichlorobenzene       | 13.863 | 146  | 446675   | 16.625  | ug/l  | 100      |
| 88) 1,2-Dibromo-3-Chloropr... | 14.480 | 75   | 88849    | 18.788  | ug/l  | 100      |
| 89) 1,2,4-Trichlorobenzene    | 15.127 | 180  | 200227   | 17.868  | ug/l  | 100      |
| 90) Hexachlorobutadiene       | 15.233 | 225  | 92753    | 18.786  | ug/l  | 100      |
| 91) Naphthalene               | 15.362 | 128  | 850946   | 18.100  | ug/l  | 100      |
| 92) 1,2,3-Trichlorobenzene    | 15.551 | 180  | 204498   | 18.203  | ug/l  | 100      |

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

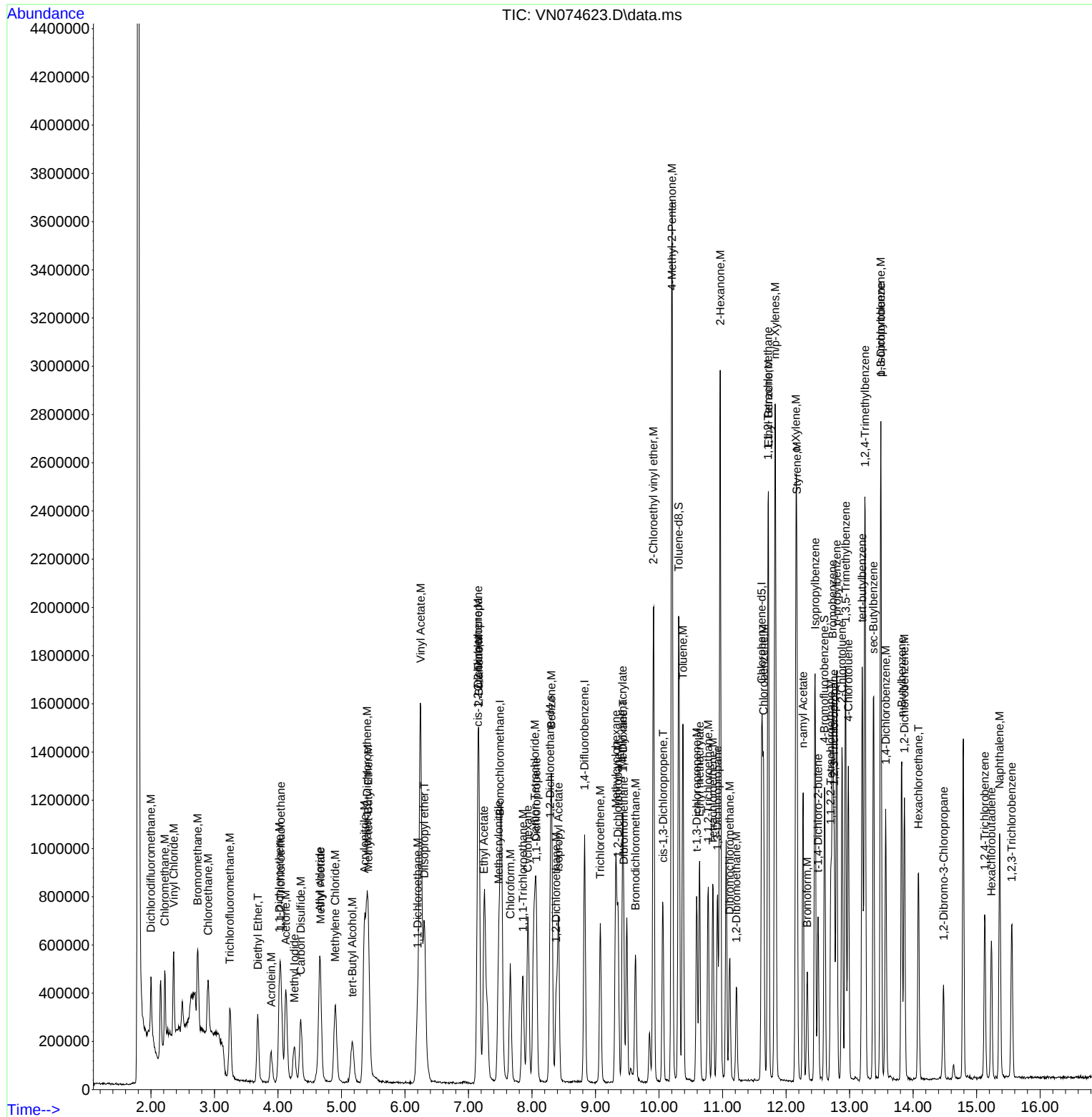
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN092722\  
Data File : VN074623.D  
Acq On : 27 Sep 2022 12:28  
Operator : JC\MD  
Sample : VSTDICCC020  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 1 Sample Multiplier: 1

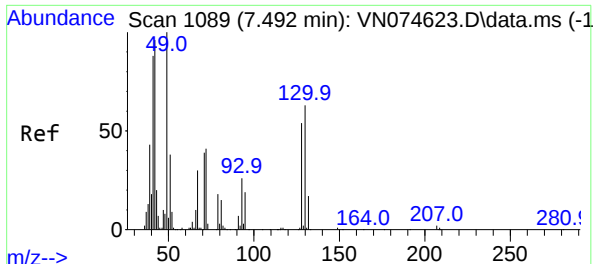
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Manual Integrations  
APPROVED

Reviewed By : John Carlone 09/28/2022  
Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 28 07:19:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\624N092722W.M  
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
QLast Update : Wed Sep 28 07:17:56 2022  
Response via : Initial Calibration





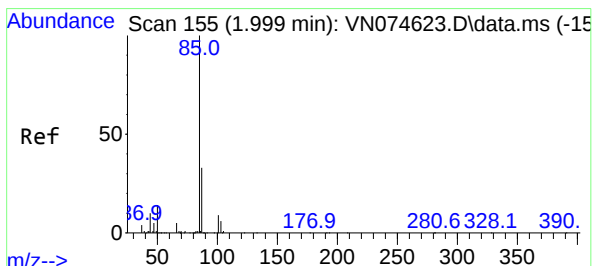
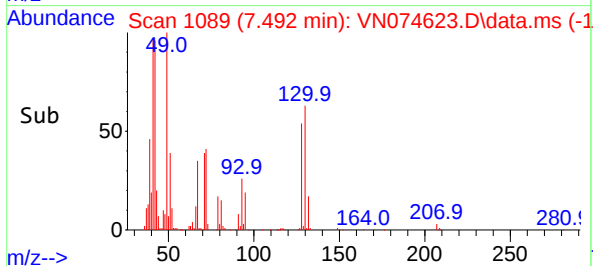
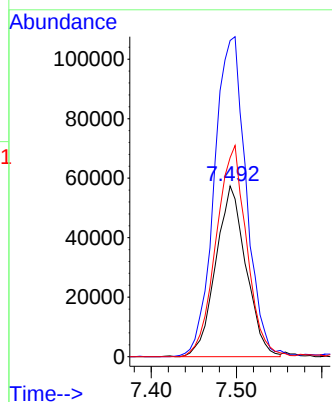
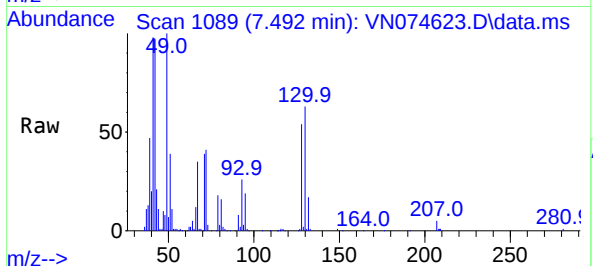
#1  
Bromochloromethane  
Concen: 30.000 ug/l  
RT: 7.492 min Scan# 1089  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:128 Resp: 141511  
Ion Ratio Lower Upper  
128 100  
49 196.8 0.0 492.0  
130 125.3 0.0 313.3

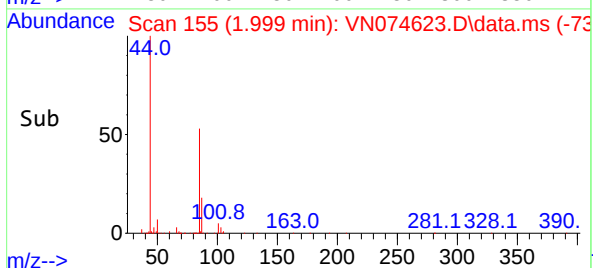
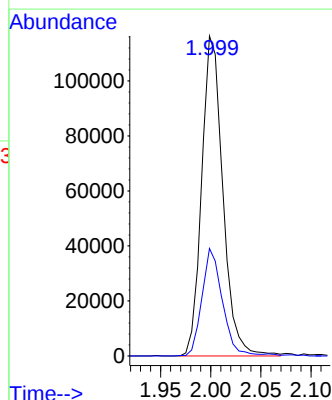
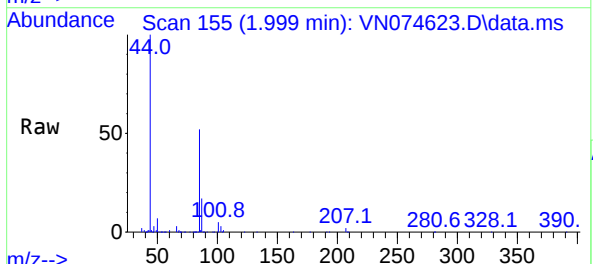
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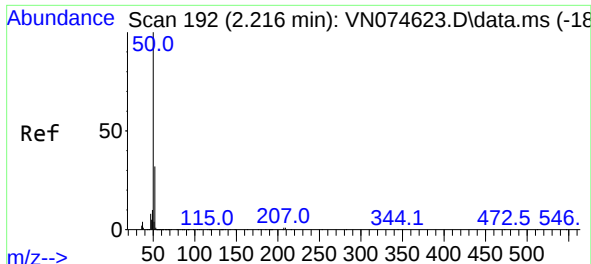
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#2  
Dichlorodifluoromethane  
Concen: 20.615 ug/l  
RT: 1.999 min Scan# 155  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Tgt Ion: 85 Resp: 171443  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.7 50.1





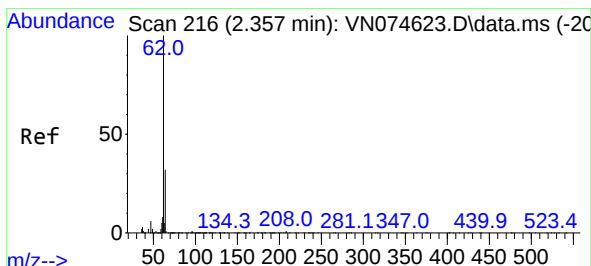
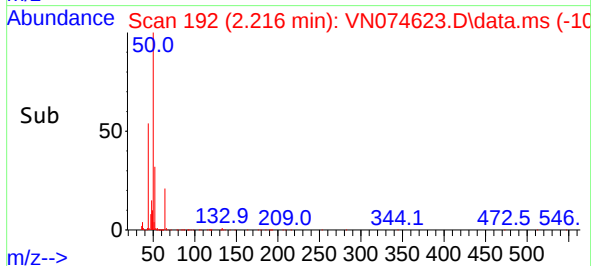
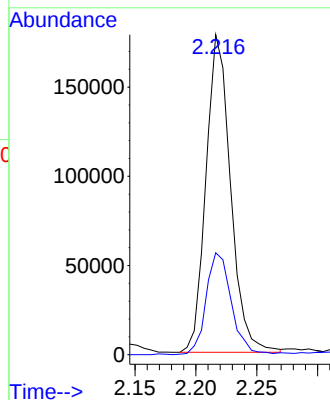
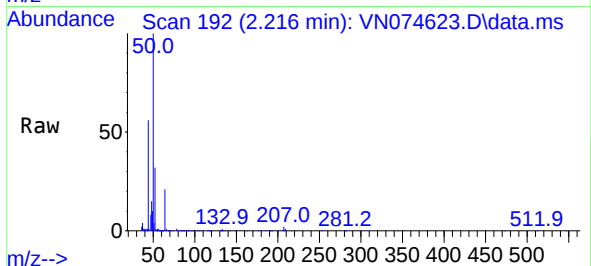
#3  
Chloromethane  
Concen: 20.516 ug/l  
RT: 2.216 min Scan# 192  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
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VSTDICCC020

Tgt Ion: 50 Resp: 25056  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.5 38.3

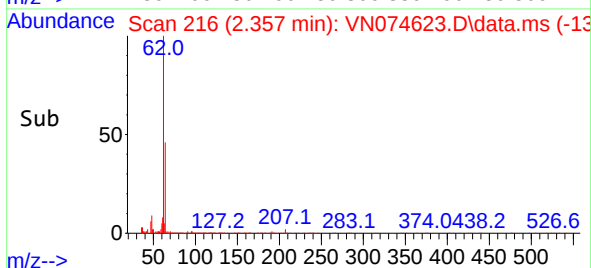
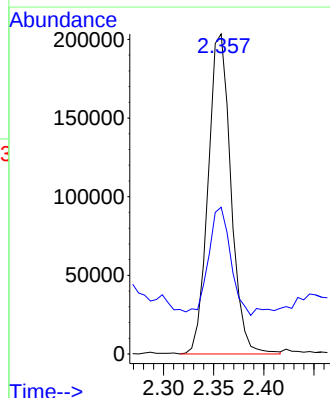
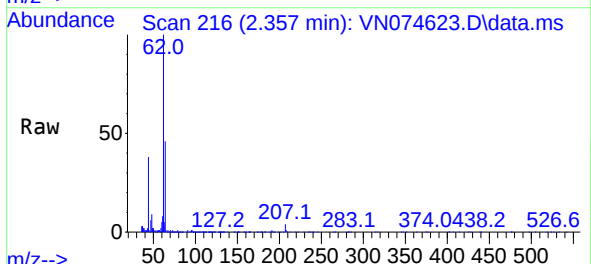
Manual Integrations  
APPROVED

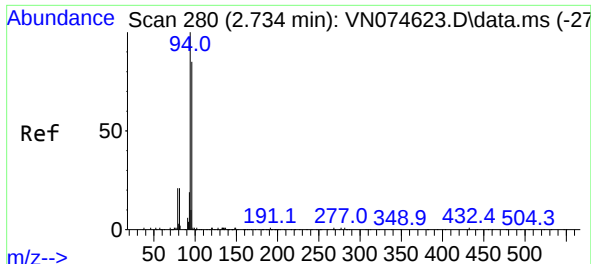
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#4  
Vinyl Chloride  
Concen: 20.544 ug/l  
RT: 2.357 min Scan# 216  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

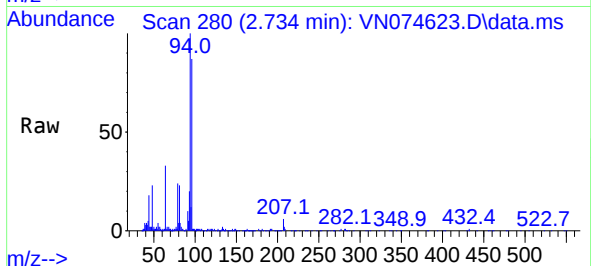
Tgt Ion: 62 Resp: 321221  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.6 38.4





#5  
Bromomethane  
Concen: 22.813 ug/l  
RT: 2.734 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

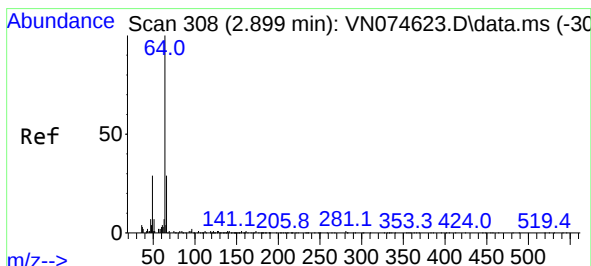
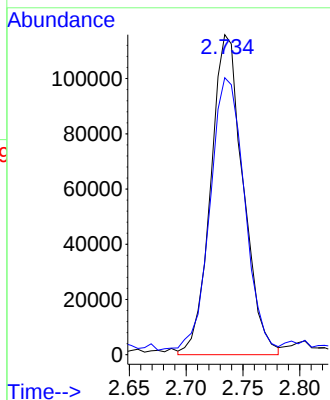
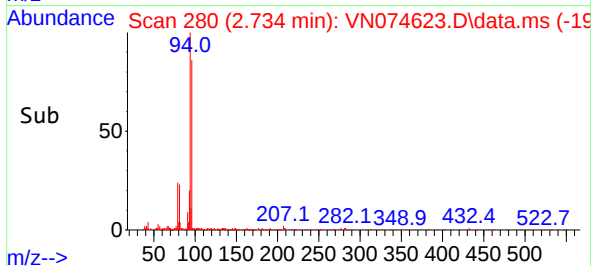
Instrument :  
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VSTDICCC020



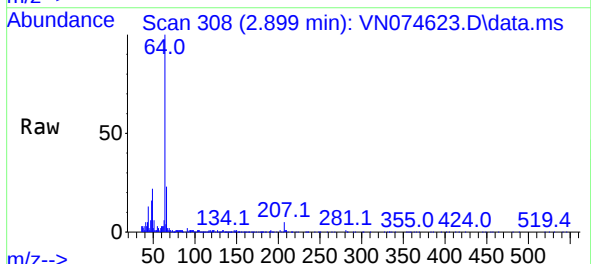
Tgt Ion: 94 Resp: 229930  
Ion Ratio Lower Upper  
94 100  
96 85.4 68.3 102.5

Manual Integrations  
APPROVED

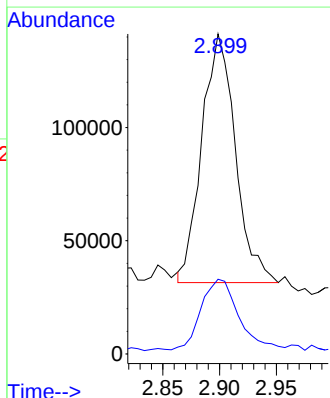
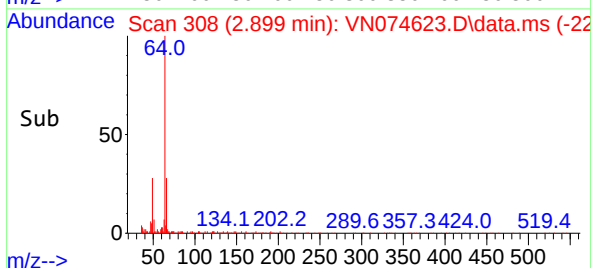
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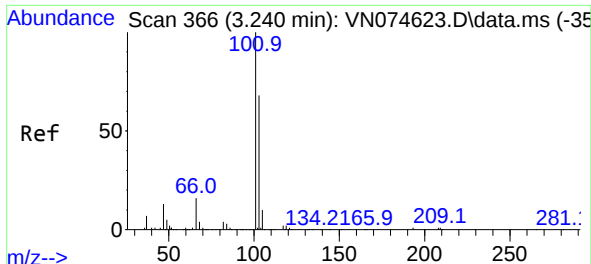


#6  
Chloroethane  
Concen: 20.402 ug/l  
RT: 2.899 min Scan# 308  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



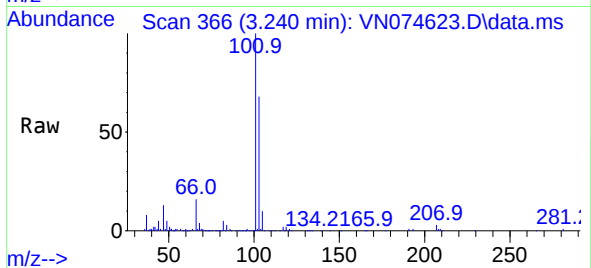
Tgt Ion: 64 Resp: 225476  
Ion Ratio Lower Upper  
64 100  
66 27.3 21.8 32.8





#7  
Trichlorofluoromethane  
Concen: 20.669 ug/l  
RT: 3.240 min Scan# 366  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

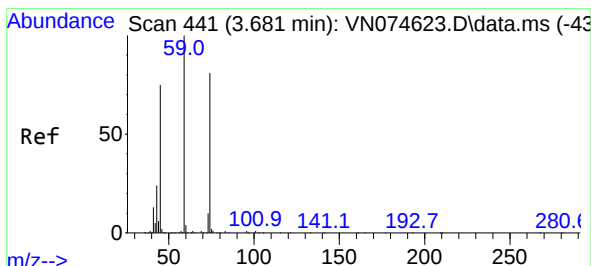
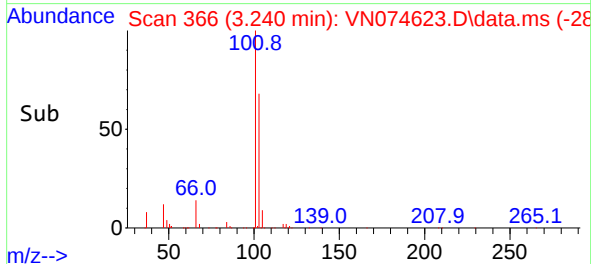
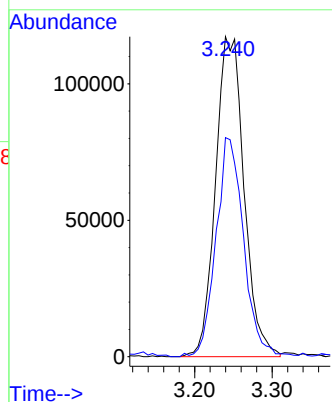
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion:101 Resp: 300152  
Ion Ratio Lower Upper  
101 100  
103 68.5 54.8 82.2

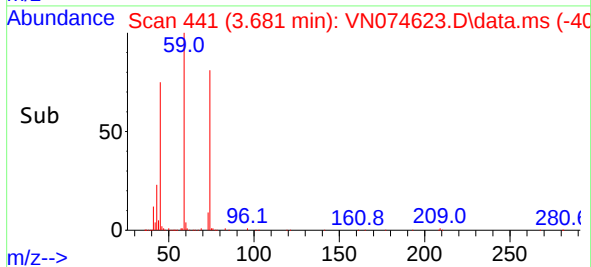
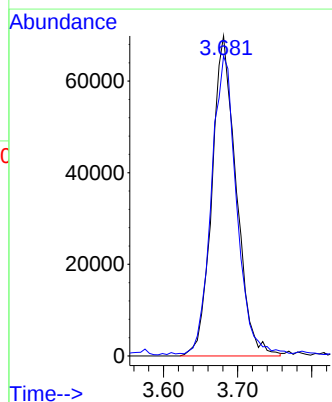
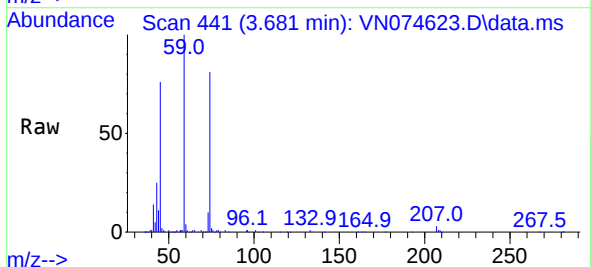
Manual Integrations  
APPROVED

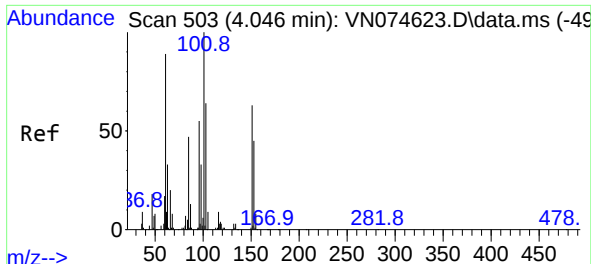
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#8  
Diethyl Ether  
Concen: 20.798 ug/l  
RT: 3.681 min Scan# 441  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Tgt Ion: 74 Resp: 159302  
Ion Ratio Lower Upper  
74 100  
45 95.0 19.0 171.0





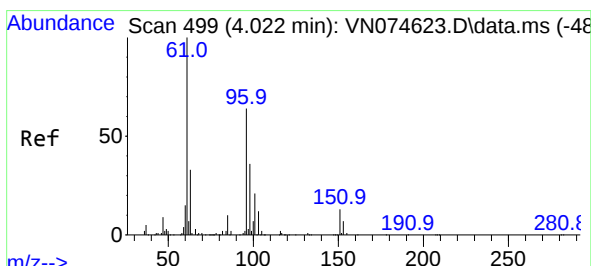
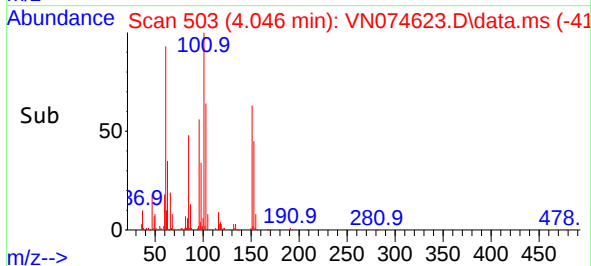
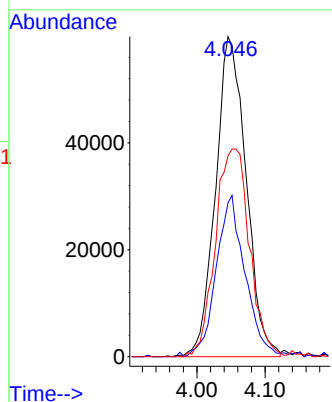
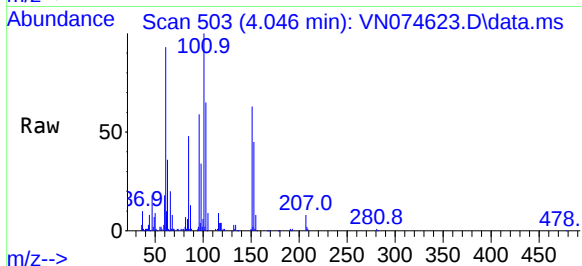
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.312 ug/l  
RT: 4.046 min Scan# 503  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 101 Resp: 18652  
Ion Ratio Lower Upper  
101 100  
85 47.3 0.0 94.6  
151 72.4 0.0 144.8

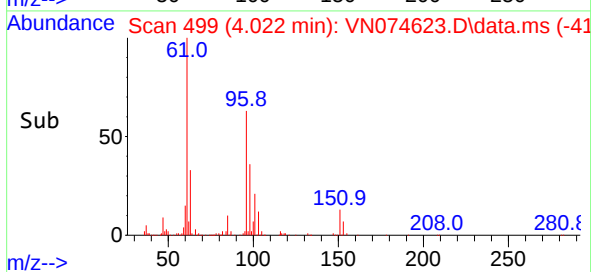
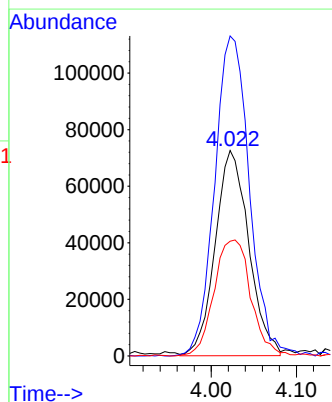
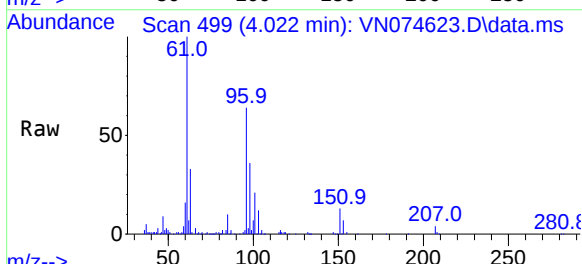
Manual Integrations  
APPROVED

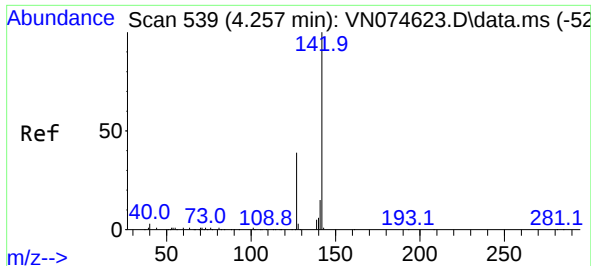
Reviewed By : John Carlone 09/28/2022  
Supervised By : Mahesh Dadoda 09/28/2022



#10  
1,1-Dichloroethene  
Concen: 20.779 ug/l  
RT: 4.022 min Scan# 499  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

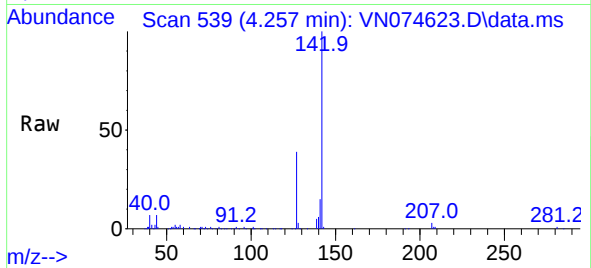
Tgt Ion: 96 Resp: 198892  
Ion Ratio Lower Upper  
96 100  
61 156.9 125.5 188.3  
98 56.2 45.0 67.4





#11  
Methyl Iodide  
Concen: 20.199 ug/l  
RT: 4.257 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

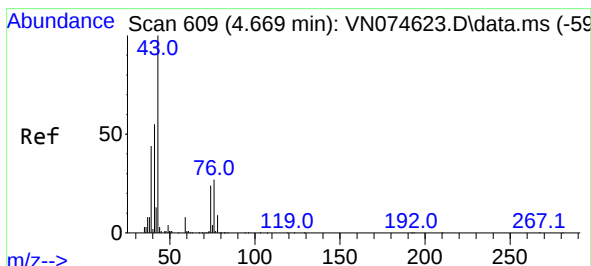
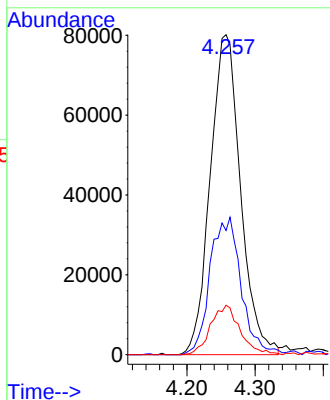
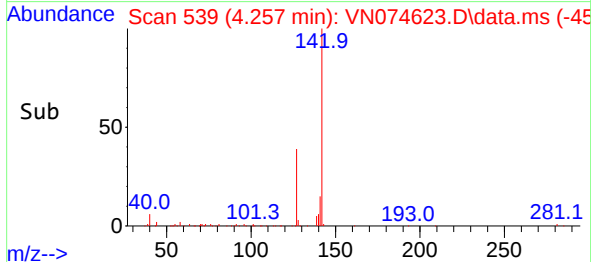
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion:142 Resp: 248352  
Ion Ratio Lower Upper  
142 100  
127 38.5 19.3 57.8  
141 15.4 7.7 23.1

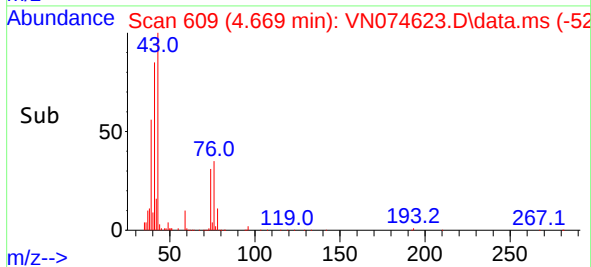
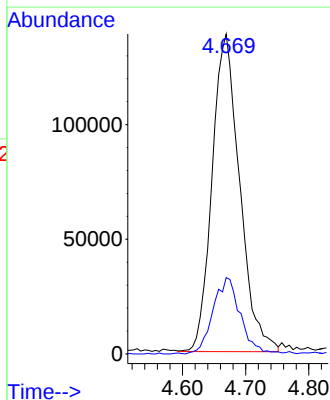
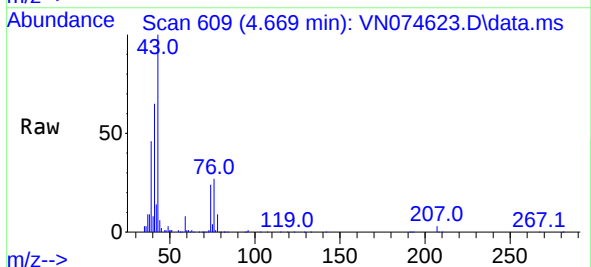
Manual Integrations  
APPROVED

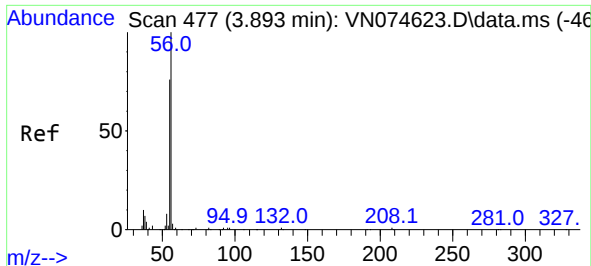
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#12  
Methyl Acetate  
Concen: 20.451 ug/l  
RT: 4.669 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

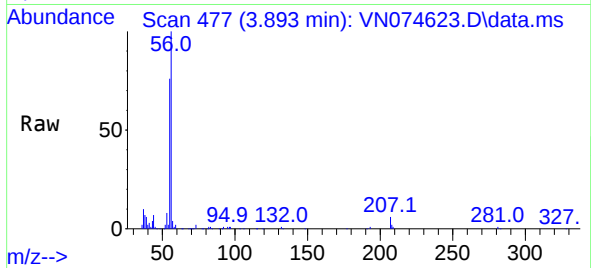
Tgt Ion: 43 Resp: 420330  
Ion Ratio Lower Upper  
43 100  
74 23.8 19.0 28.6





#13  
Acrolein  
Concen: 95.987 ug/l  
RT: 3.893 min Scan# 477  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

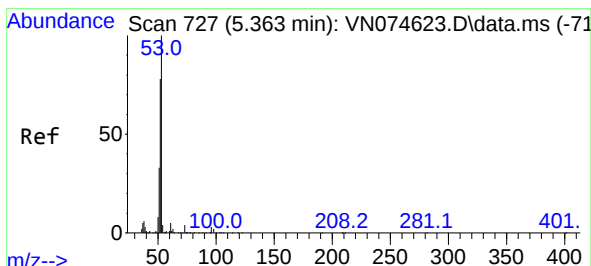
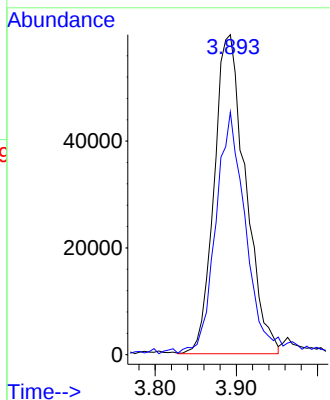
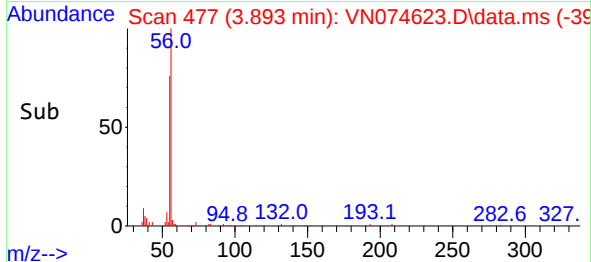
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



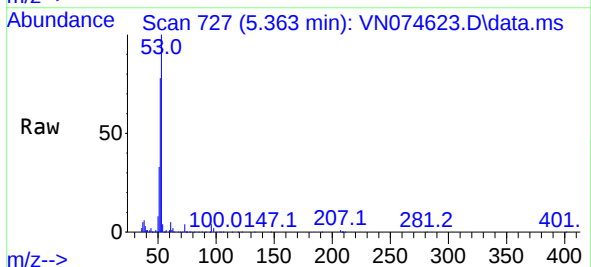
Tgt Ion: 56 Resp: 160623  
Ion Ratio Lower Upper  
56 100  
55 70.2 56.2 84.2

Manual Integrations  
APPROVED

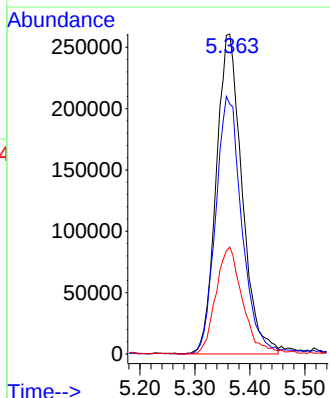
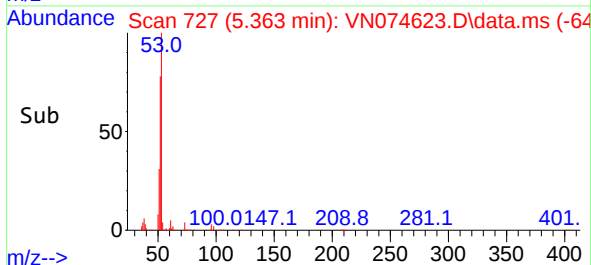
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

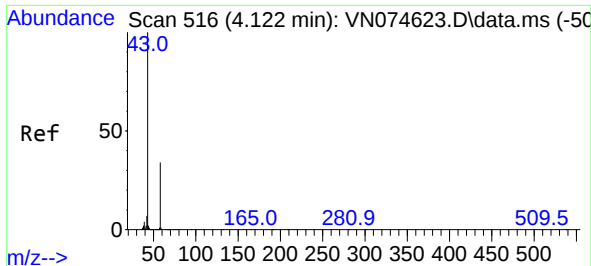


#14  
Acrylonitrile  
Concen: 101.885 ug/l  
RT: 5.363 min Scan# 727  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



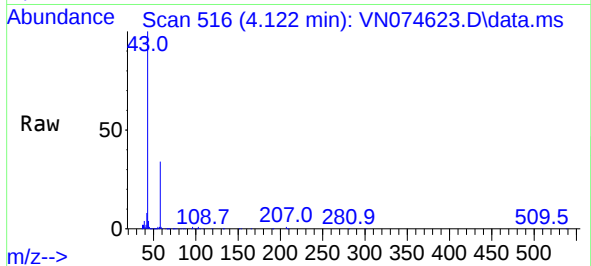
Tgt Ion: 53 Resp: 848558  
Ion Ratio Lower Upper  
53 100  
52 81.6 40.8 122.4  
51 34.0 17.0 51.0





#15  
Acetone  
Concen: 104.581 ug/l  
RT: 4.122 min Scan# 516  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

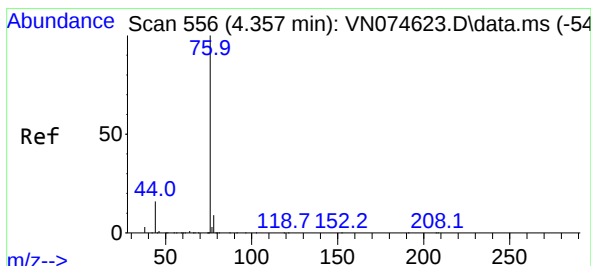
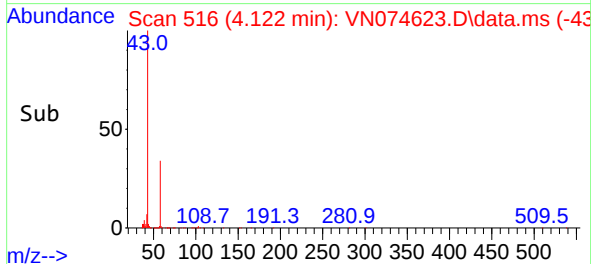
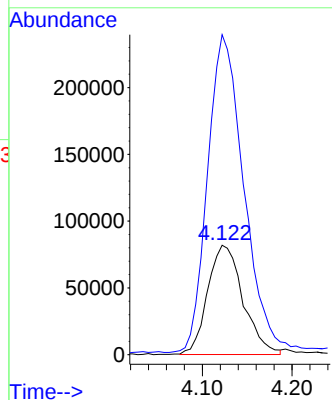
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 58 Resp: 22424  
Ion Ratio Lower Upper  
58 100  
43 290.3 232.2 348.4

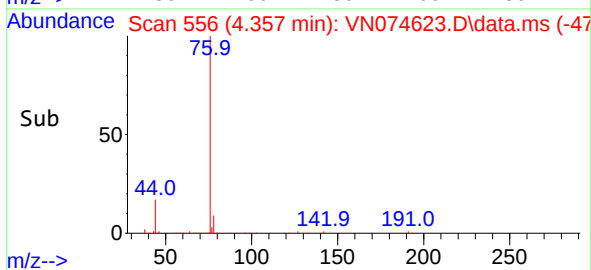
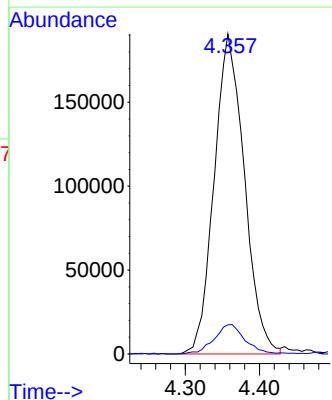
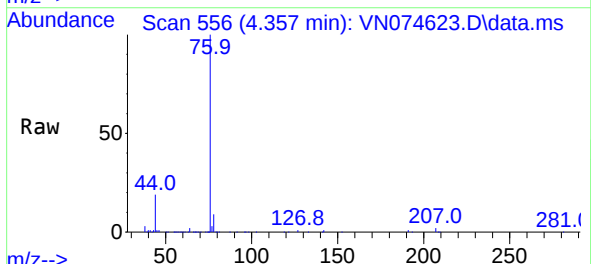
Manual Integrations  
APPROVED

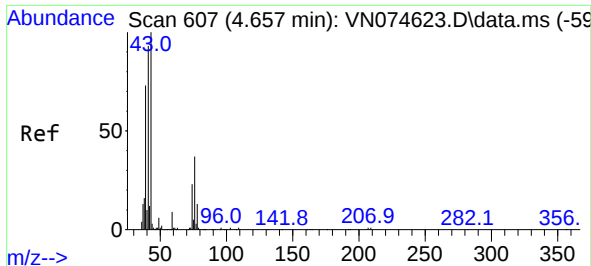
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#16  
Carbon Disulfide  
Concen: 20.009 ug/l  
RT: 4.357 min Scan# 556  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

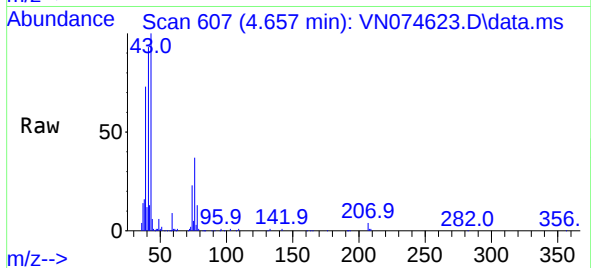
Tgt Ion: 76 Resp: 539812  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8





#17  
 Allyl chloride  
 Concen: 20.407 ug/l  
 RT: 4.657 min Scan# 607  
 Delta R.T. 0.000 min  
 Lab File: VN074623.D  
 Acq: 27 Sep 2022 12:28

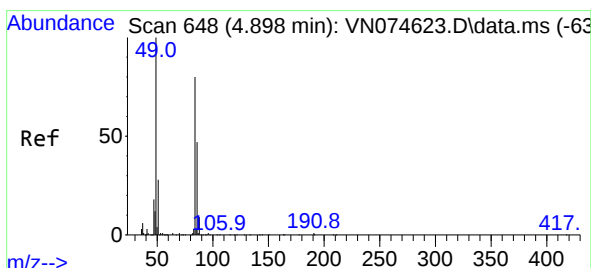
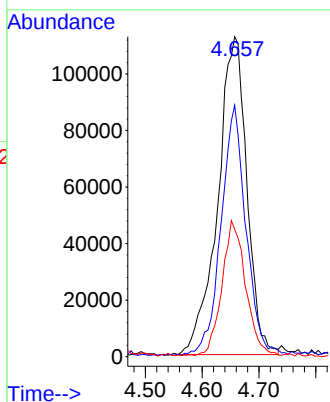
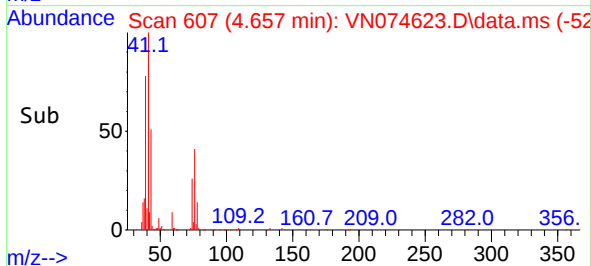
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020



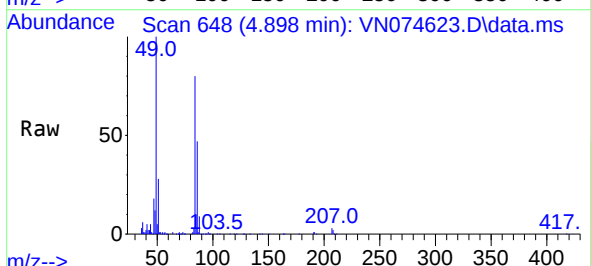
Tgt Ion: 41 Resp: 400463  
 Ion Ratio Lower Upper  
 41 100  
 39 78.3 39.1 117.5  
 76 39.6 19.8 59.4

Manual Integrations  
 APPROVED

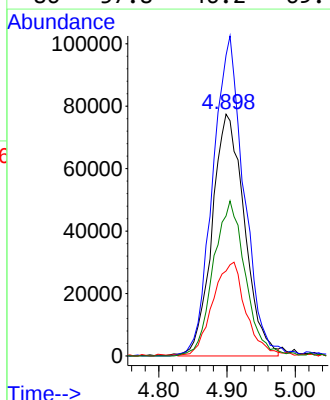
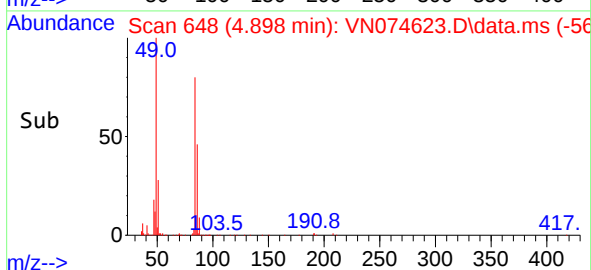
Reviewed By :John Carlone 09/28/2022  
 Supervised By :Mahesh Dadoda 09/28/2022

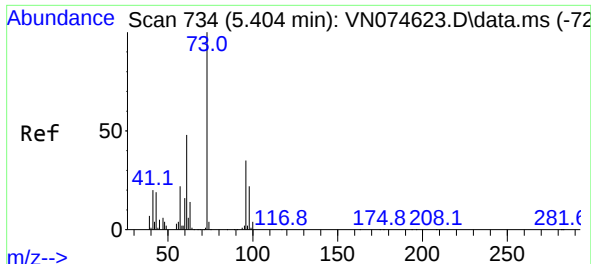


#18  
 Methylene Chloride  
 Concen: 20.892 ug/l  
 RT: 4.898 min Scan# 648  
 Delta R.T. 0.000 min  
 Lab File: VN074623.D  
 Acq: 27 Sep 2022 12:28



Tgt Ion: 84 Resp: 255672  
 Ion Ratio Lower Upper  
 84 100  
 49 124.5 99.6 149.4  
 51 35.2 28.2 42.2  
 86 57.8 46.2 69.4





#19

trans-1,2-Dichloroethene

Concen: 19.698 ug/l

RT: 5.404 min Scan# 734

Delta R.T. 0.000 min

Lab File: VN074623.D

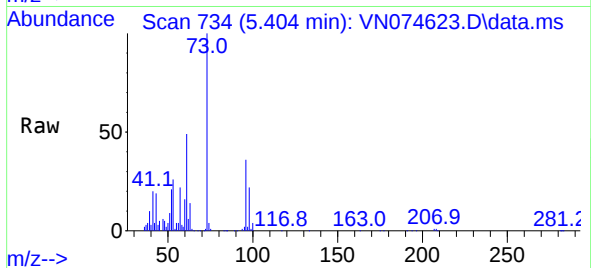
Acq: 27 Sep 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020



Tgt Ion: 96 Resp: 214019

Ion Ratio Lower Upper

96 100

61 137.8 110.2 165.4

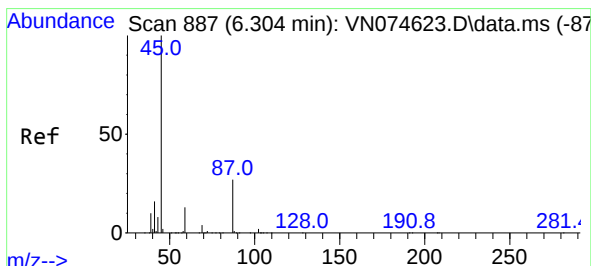
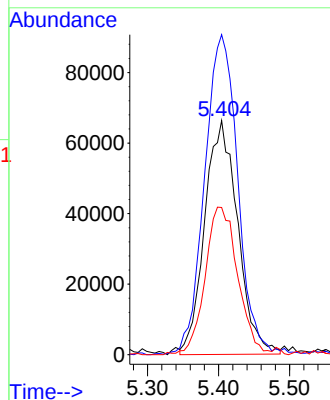
98 62.5 50.0 75.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#20

Diisopropyl ether

Concen: 19.981 ug/l

RT: 6.304 min Scan# 887

Delta R.T. 0.000 min

Lab File: VN074623.D

Acq: 27 Sep 2022 12:28

Tgt Ion: 45 Resp: 855563

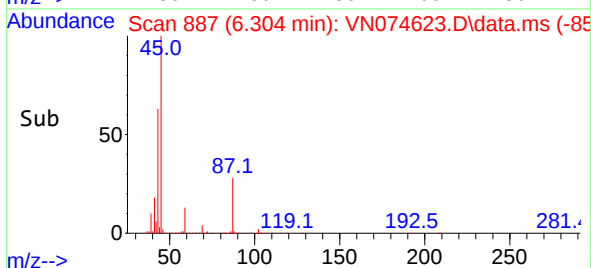
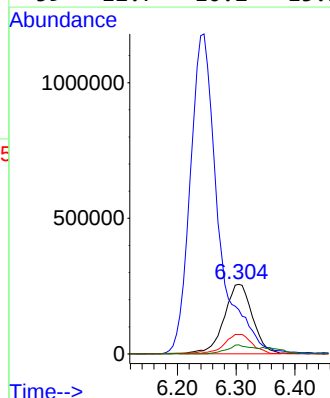
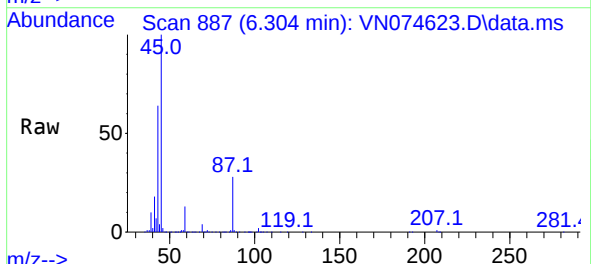
Ion Ratio Lower Upper

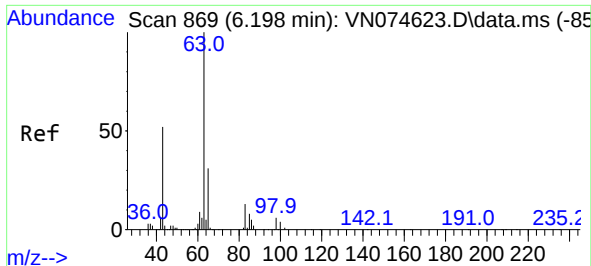
45 100

43 59.1 47.3 70.9

87 27.3 21.8 32.8

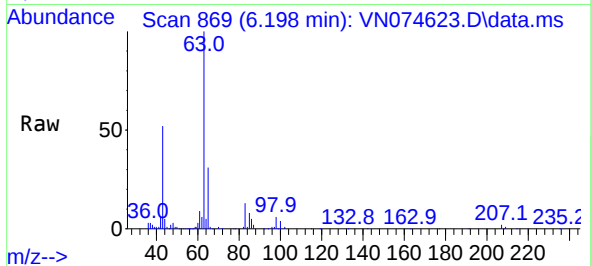
59 12.7 10.2 15.2





#21  
1,1-Dichloroethane  
Concen: 20.481 ug/l  
RT: 6.198 min Scan# 869  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

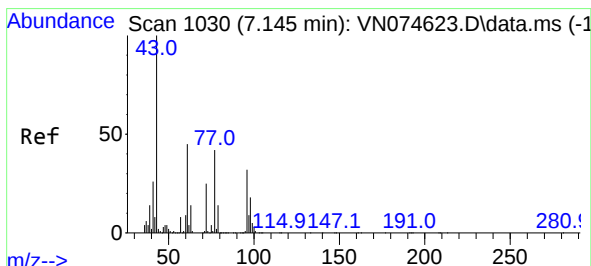
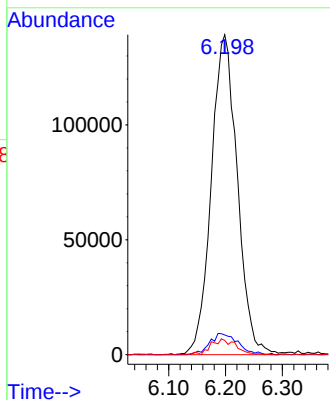
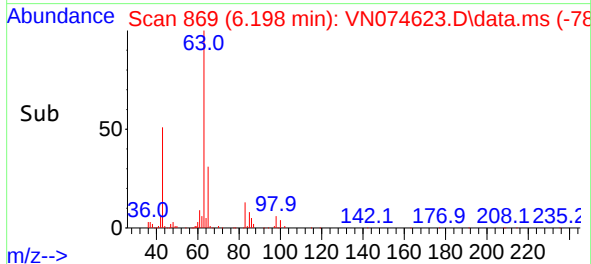
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



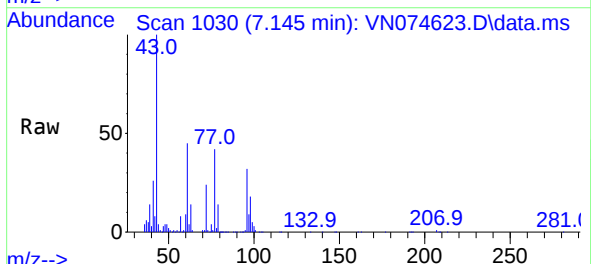
Tgt Ion: 63 Resp: 442904  
Ion Ratio Lower Upper  
63 100  
98 6.6 3.3 9.9  
100 4.4 2.2 6.6

Manual Integrations  
APPROVED

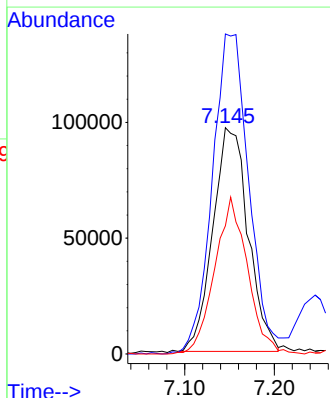
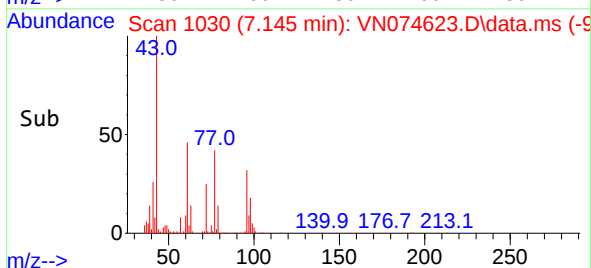
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

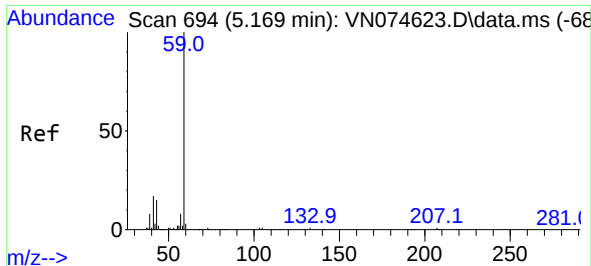


#22  
cis-1,2-Dichloroethene  
Concen: 20.036 ug/l  
RT: 7.145 min Scan# 1030  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



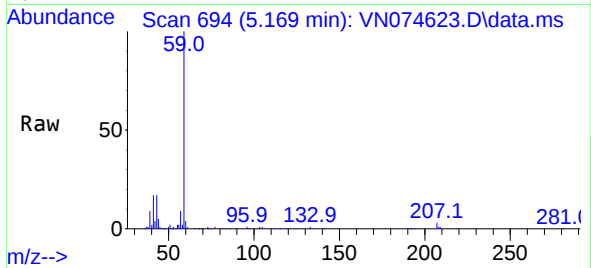
Tgt Ion: 96 Resp: 264203  
Ion Ratio Lower Upper  
96 100  
61 148.5 118.8 178.2  
98 65.1 52.1 78.1





#23  
tert-Butyl Alcohol  
Concen: 104.567 ug/l  
RT: 5.169 min Scan# 694  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

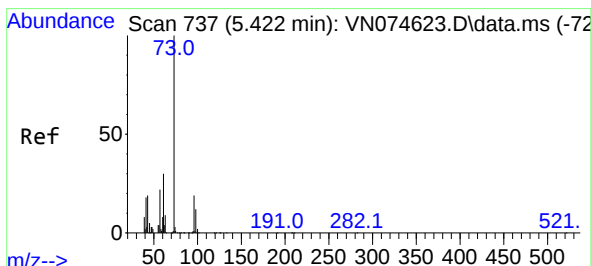
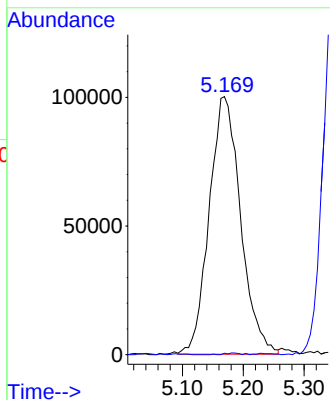
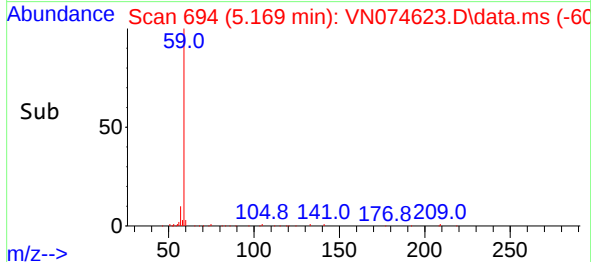
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



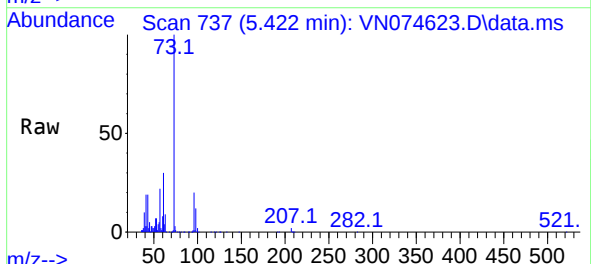
Tgt Ion: 59 Resp: 358880  
Ion Ratio Lower Upper  
59 100  
52 0.3 0.2 0.4

Manual Integrations  
APPROVED

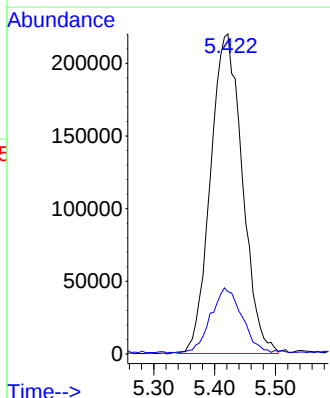
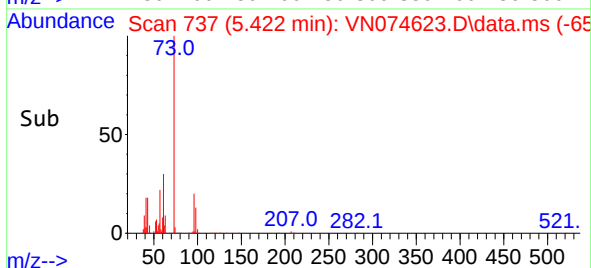
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

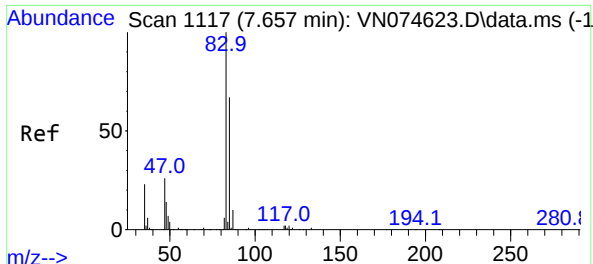


#24  
Methyl tert-Butyl Ether  
Concen: 20.097 ug/l  
RT: 5.422 min Scan# 737  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



Tgt Ion: 73 Resp: 799413  
Ion Ratio Lower Upper  
73 100  
43 19.5 15.6 23.4





#25

Chloroform

Concen: 20.049 ug/l

RT: 7.657 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VN074623.D

Acq: 27 Sep 2022 12:28

Instrument :

MSVOA\_N

ClientSampleId :

VSTDICCC020

Tgt Ion: 83 Resp: 42980

Ion Ratio Lower Upper

83 100

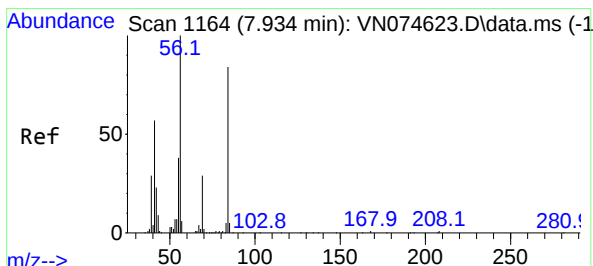
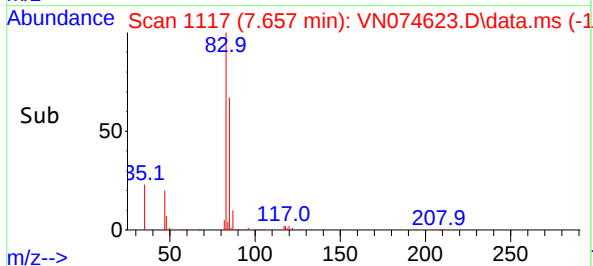
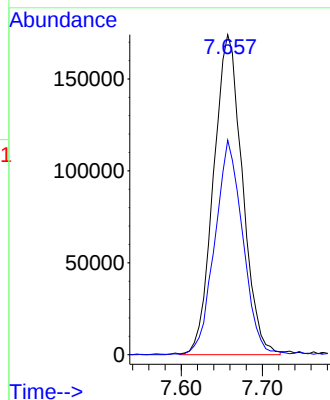
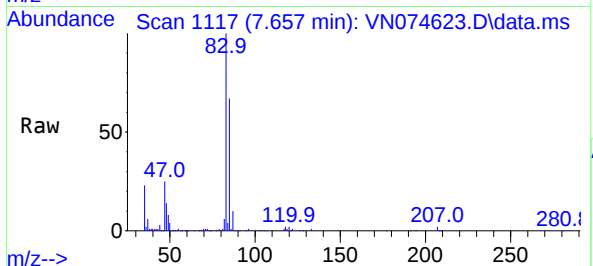
85 67.0 53.6 80.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/28/2022

Supervised By :Mahesh Dadoda 09/28/2022



#26

Cyclohexane

Concen: 20.630 ug/l

RT: 7.934 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VN074623.D

Acq: 27 Sep 2022 12:28

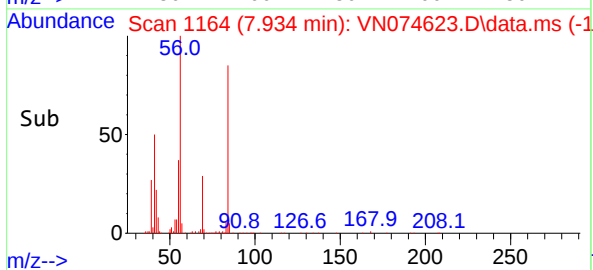
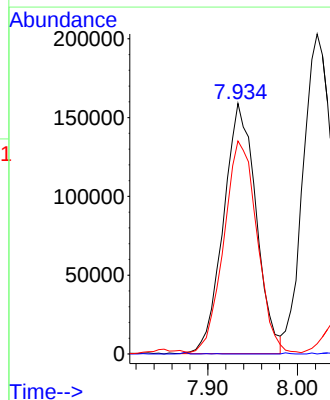
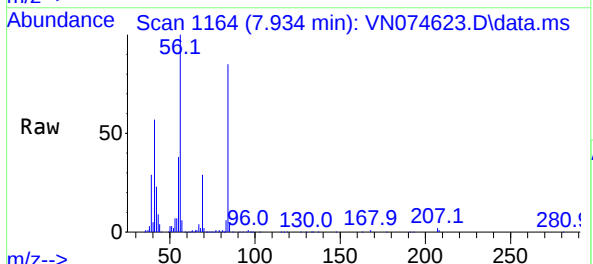
Tgt Ion: 56 Resp: 401163

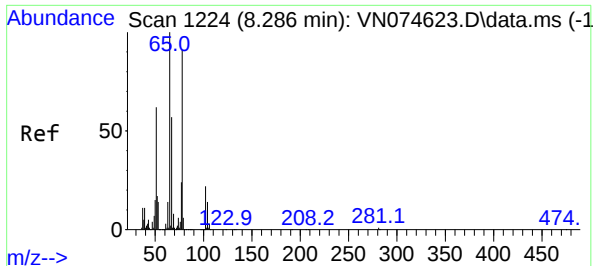
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

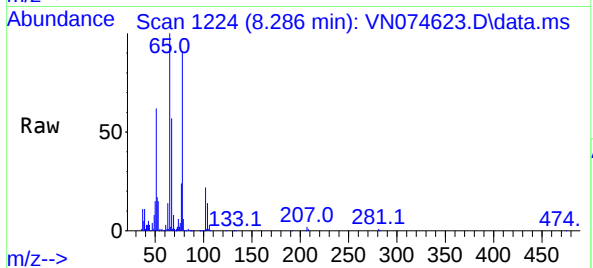
84 85.5 68.4 102.6





#27  
1,2-Dichloroethane-d4  
Concen: 30.258 ug/l  
RT: 8.286 min Scan# 1224  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

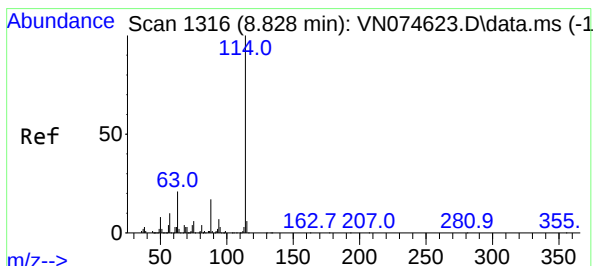
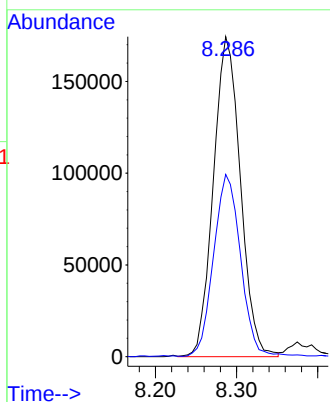
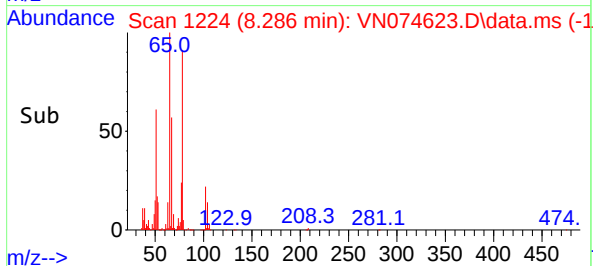
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



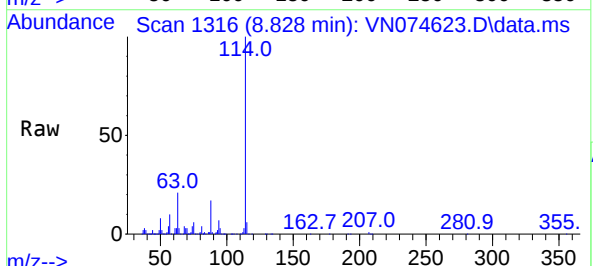
Tgt Ion: 65 Resp: 403740  
Ion Ratio Lower Upper  
65 100  
67 56.5 45.2 67.8

Manual Integrations  
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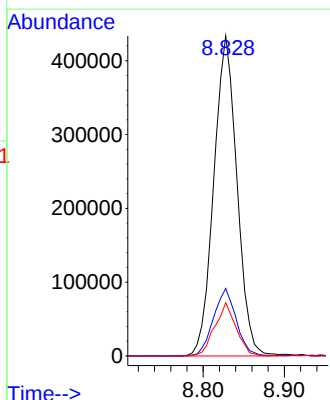
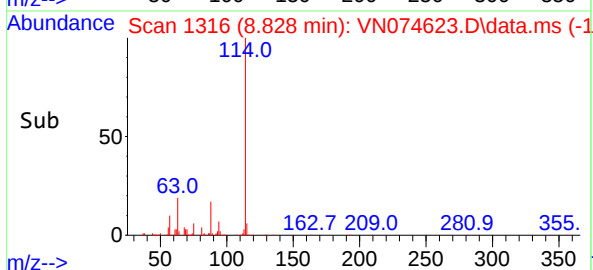
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

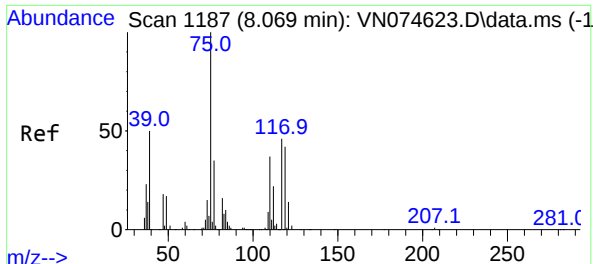


#28  
1,4-Difluorobenzene  
Concen: 30.000 ug/l  
RT: 8.828 min Scan# 1316  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



Tgt Ion:114 Resp: 860761  
Ion Ratio Lower Upper  
114 100  
63 20.8 16.6 25.0  
88 15.3 12.2 18.4





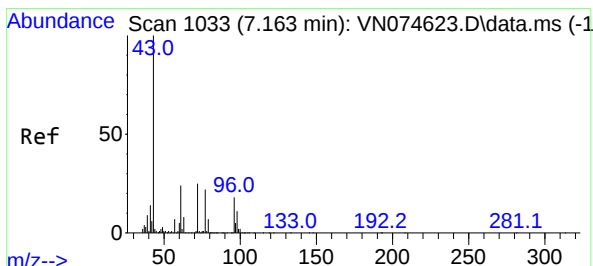
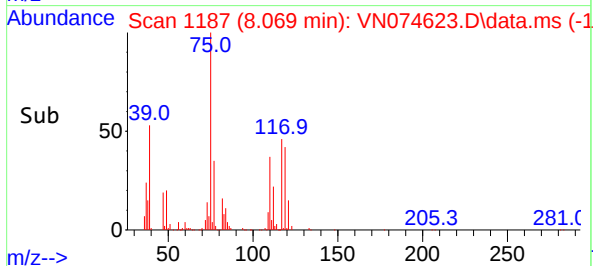
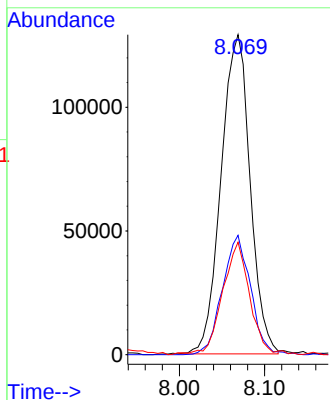
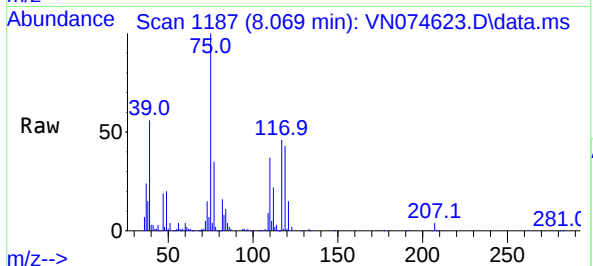
#29  
1,1-Dichloropropene  
Concen: 18.994 ug/l  
RT: 8.069 min Scan# 1187  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 75 Resp: 30536  
Ion Ratio Lower Upper  
75 100  
110 36.1 0.0 72.2  
77 32.0 0.0 64.0

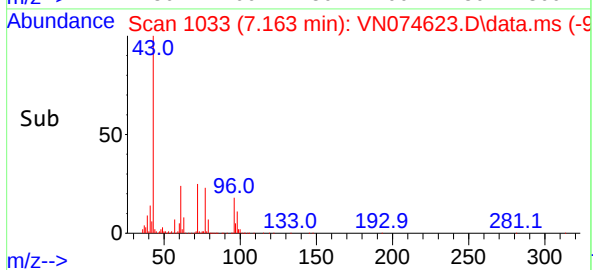
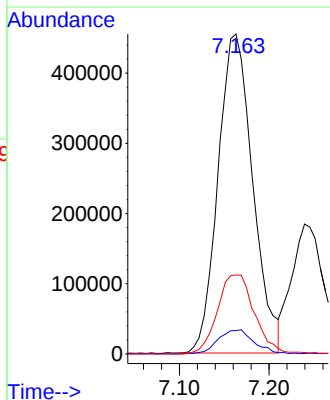
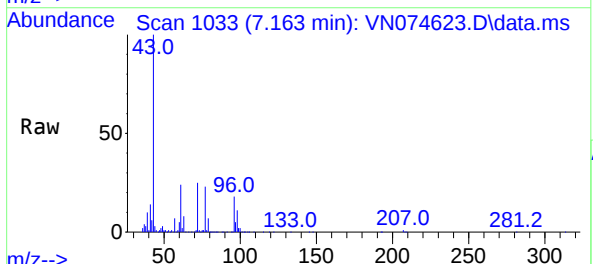
Manual Integrations  
APPROVED

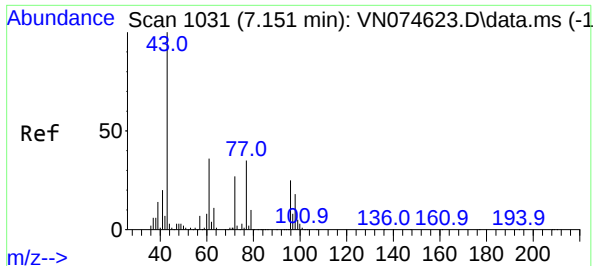
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#30  
2-Butanone  
Concen: 99.606 ug/l  
RT: 7.163 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

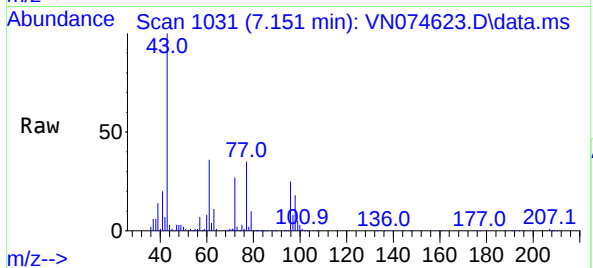
Tgt Ion: 43 Resp: 1221764  
Ion Ratio Lower Upper  
43 100  
57 7.9 6.3 9.5  
72 26.2 21.0 31.4





#31  
2,2-Dichloropropane  
Concen: 19.629 ug/l  
RT: 7.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

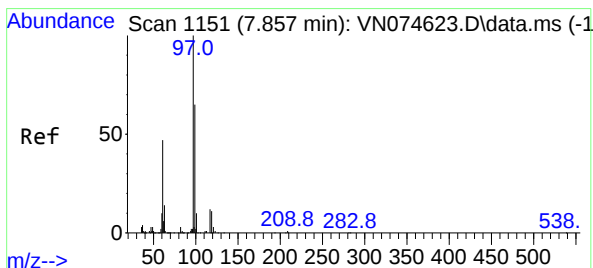
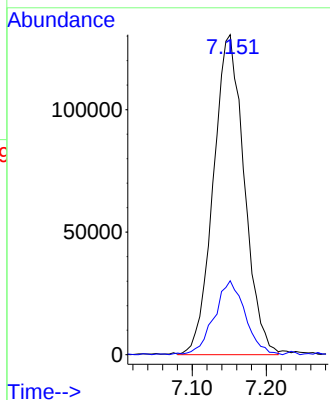
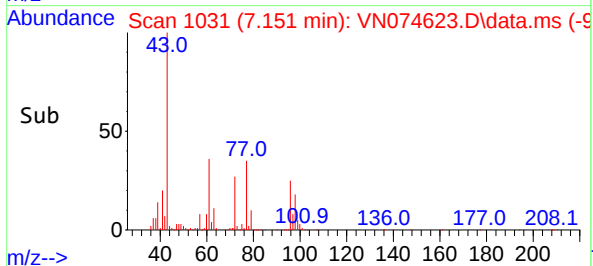
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



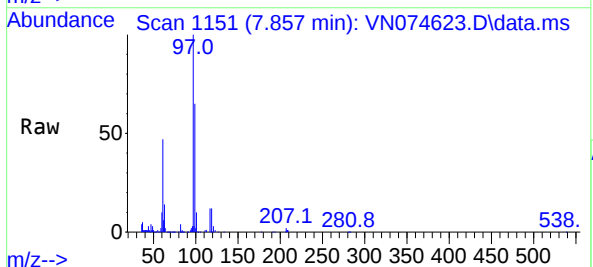
Tgt Ion: 77 Resp: 37815  
Ion Ratio Lower Upper  
77 100  
97 23.0 18.4 27.6

Manual Integrations  
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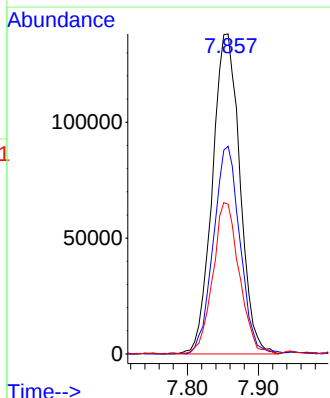
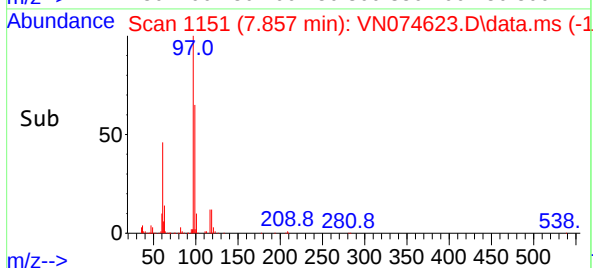
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

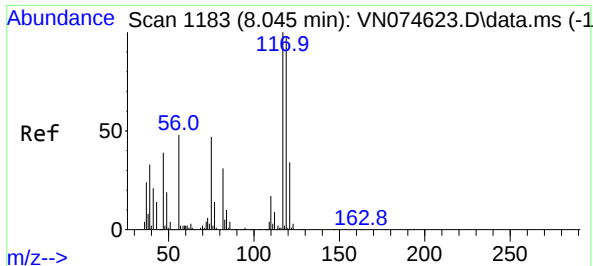


#32  
1,1,1-Trichloroethane  
Concen: 19.530 ug/l  
RT: 7.857 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



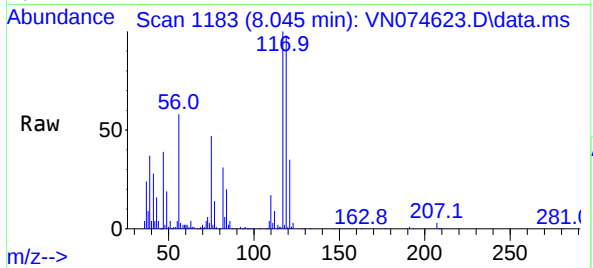
Tgt Ion: 97 Resp: 370924  
Ion Ratio Lower Upper  
97 100  
99 62.5 50.0 75.0  
61 45.1 36.1 54.1





#33  
Carbon Tetrachloride  
Concen: 19.240 ug/l  
RT: 8.045 min Scan# 1183  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

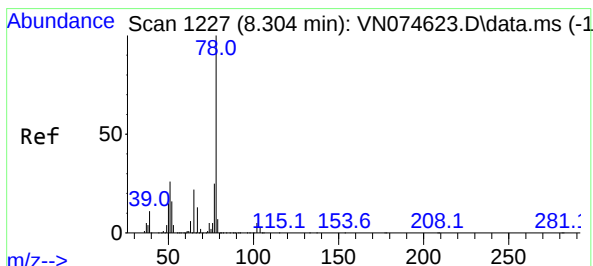
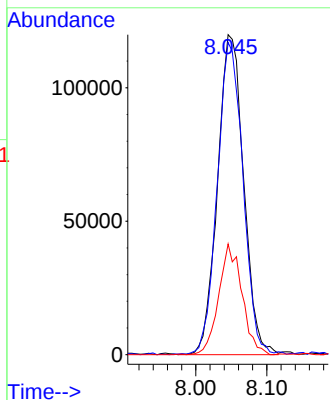
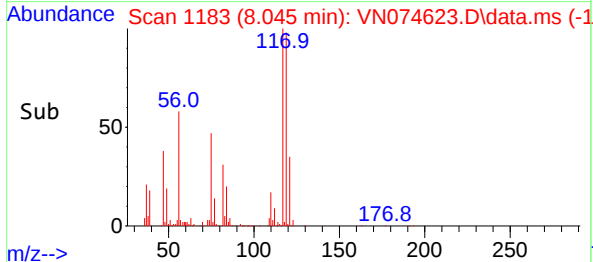
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



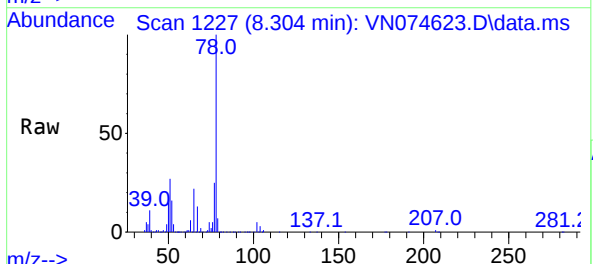
Tgt Ion:117 Resp: 305619  
Ion Ratio Lower Upper  
117 100  
119 97.2 77.8 116.6  
121 34.5 27.6 41.4

Manual Integrations  
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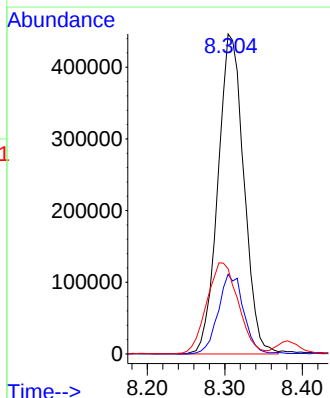
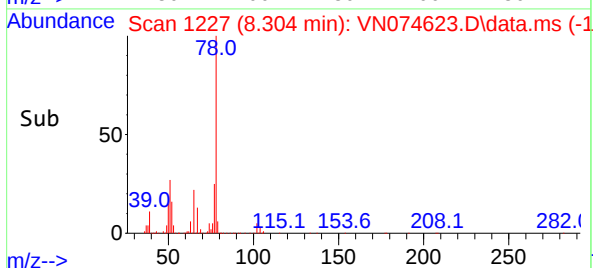
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

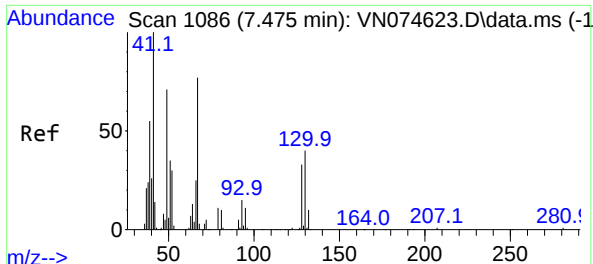


#34  
Benzene  
Concen: 19.491 ug/l  
RT: 8.304 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



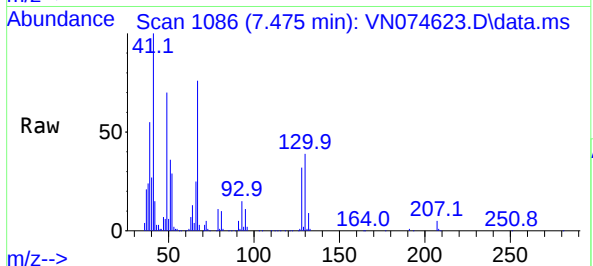
Tgt Ion: 78 Resp: 1037387  
Ion Ratio Lower Upper  
78 100  
77 24.9 19.9 29.9  
51 26.4 21.1 31.7





#35  
Methacrylonitrile  
Concen: 19.428 ug/l m  
RT: 7.475 min Scan# 1086  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

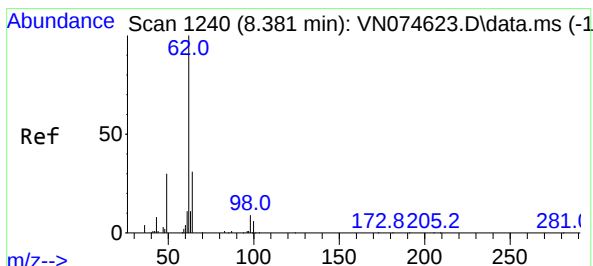
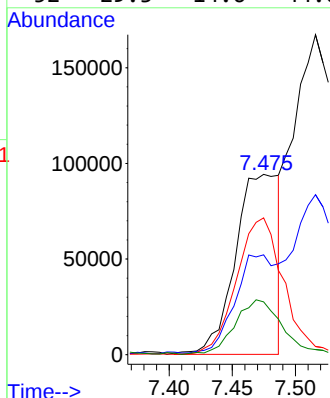
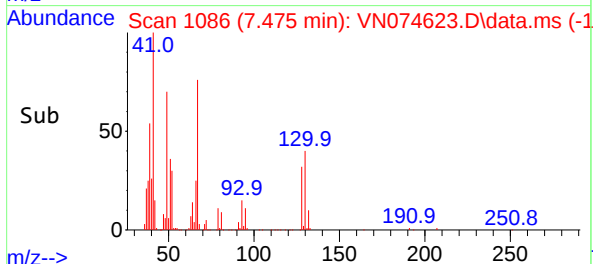
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



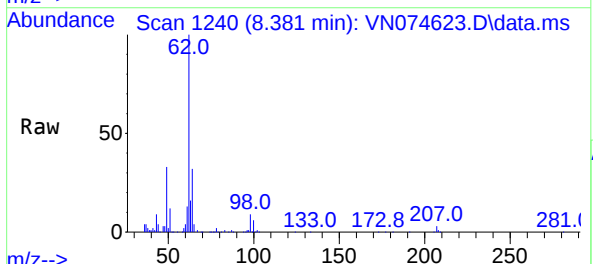
Tgt Ion: 41 Resp: 226710  
Ion Ratio Lower Upper  
41 100  
39 55.4 27.7 83.1  
67 75.9 38.0 113.9  
52 29.3 14.6 44.0

Manual Integrations  
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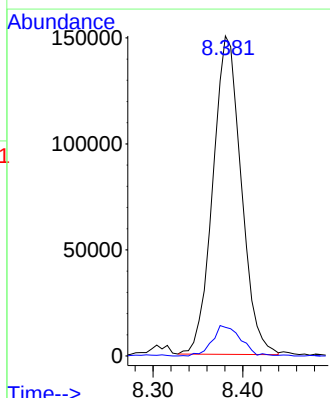
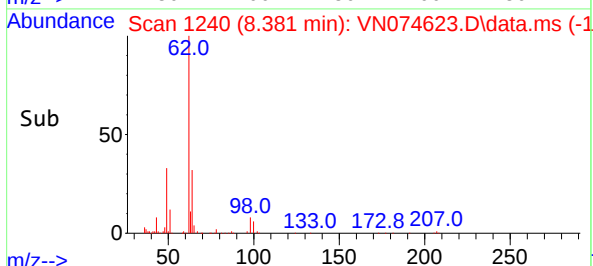
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

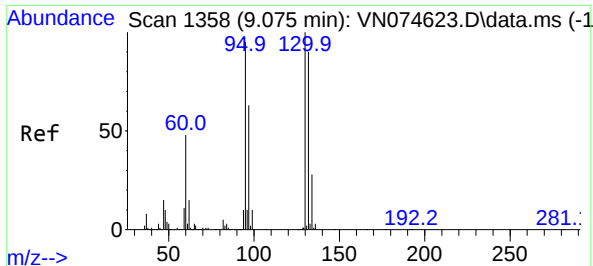


#36  
1,2-Dichloroethane  
Concen: 18.953 ug/l  
RT: 8.381 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



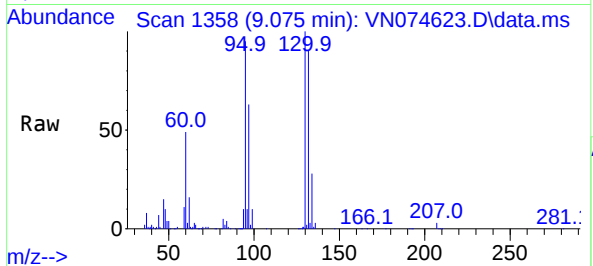
Tgt Ion: 62 Resp: 329394  
Ion Ratio Lower Upper  
62 100  
98 9.3 7.4 11.2





#37  
Trichloroethene  
Concen: 19.829 ug/l  
RT: 9.075 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

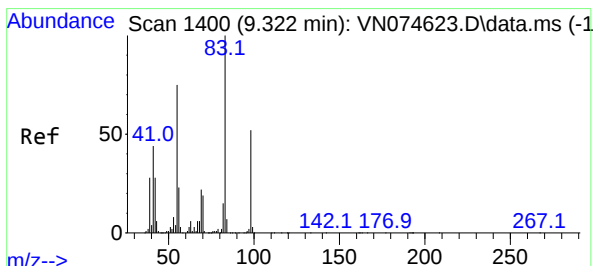
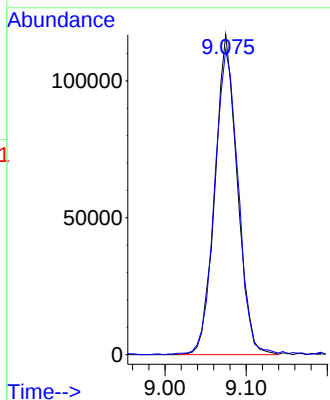
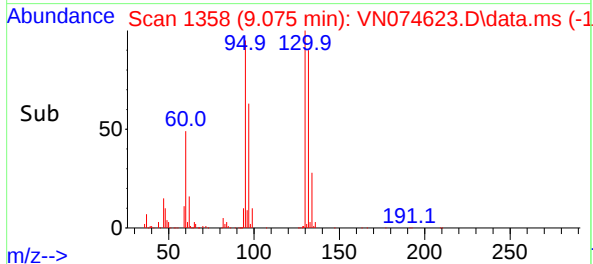
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



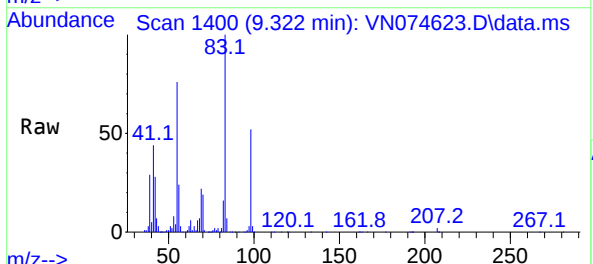
Tgt Ion:130 Resp: 224099  
Ion Ratio Lower Upper  
130 100  
95 94.9 75.9 113.9

Manual Integrations  
APPROVED

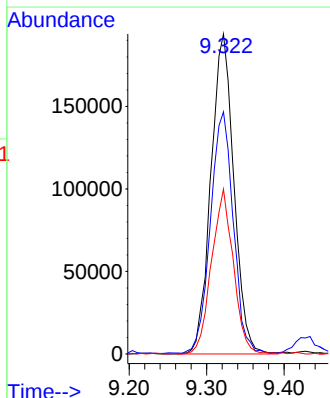
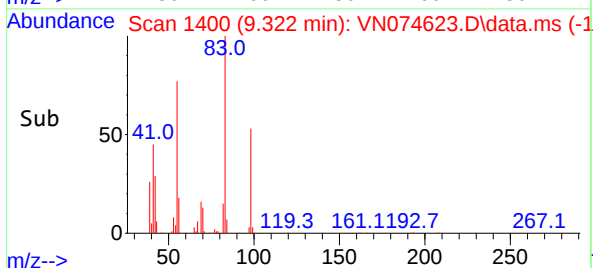
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

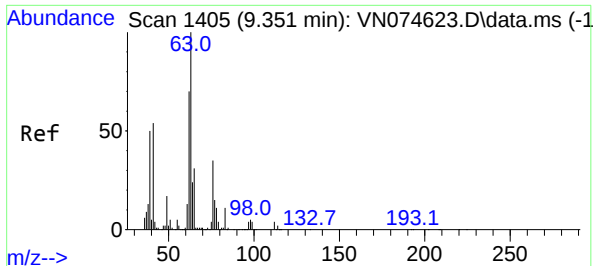


#38  
Methylcyclohexane  
Concen: 19.174 ug/l  
RT: 9.322 min Scan# 1400  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



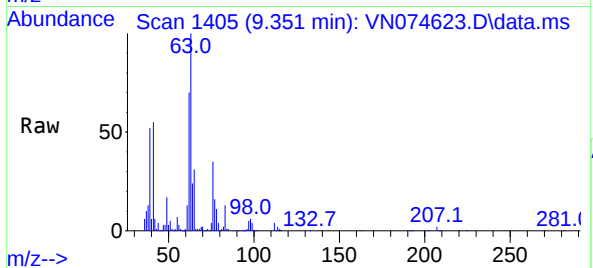
Tgt Ion: 83 Resp: 398979  
Ion Ratio Lower Upper  
83 100  
55 74.8 37.4 112.2  
98 49.0 24.5 73.5





#39  
1,2-Dichloropropane  
Concen: 20.007 ug/l  
RT: 9.351 min Scan# 1405  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

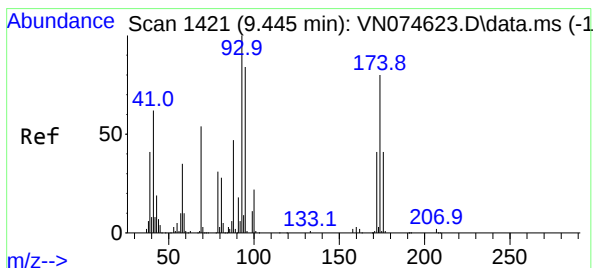
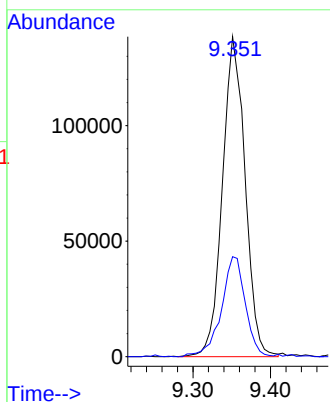
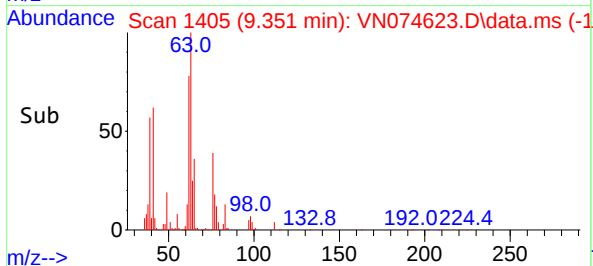
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



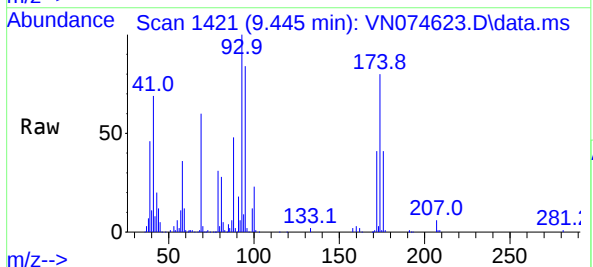
Tgt Ion: 63 Resp: 281920  
Ion Ratio Lower Upper  
63 100  
65 31.3 25.0 37.6

Manual Integrations  
APPROVED

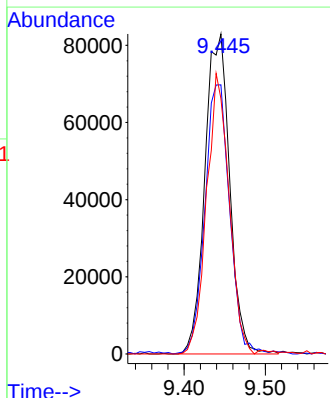
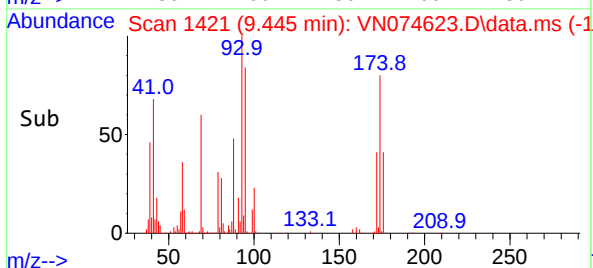
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

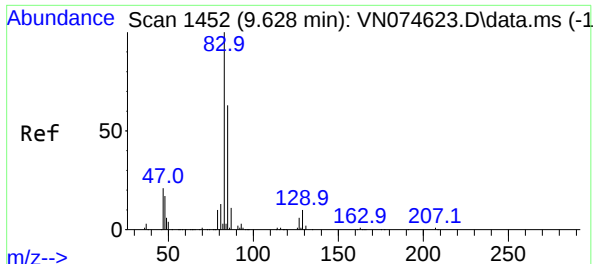


#40  
Dibromomethane  
Concen: 19.359 ug/l  
RT: 9.445 min Scan# 1421  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



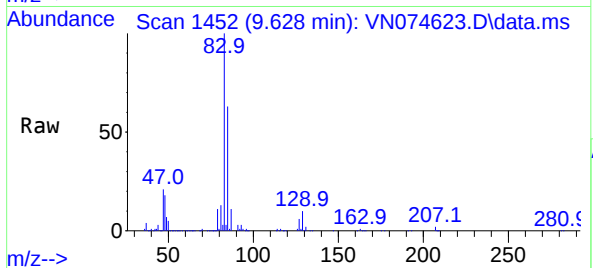
Tgt Ion: 93 Resp: 176017  
Ion Ratio Lower Upper  
93 100  
95 84.0 0.0 168.0  
174 79.2 0.0 158.4





#41  
Bromodichloromethane  
Concen: 19.300 ug/l  
RT: 9.628 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

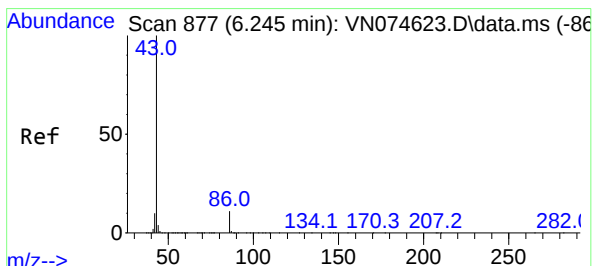
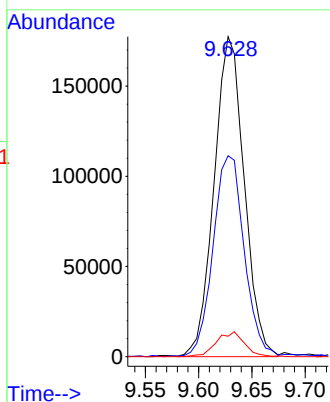
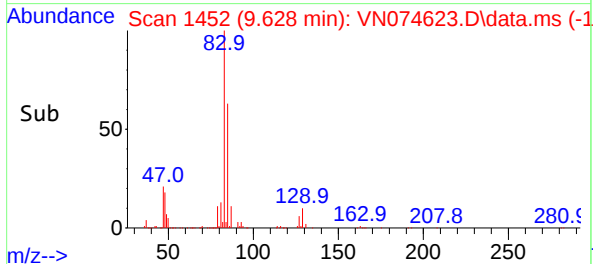
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



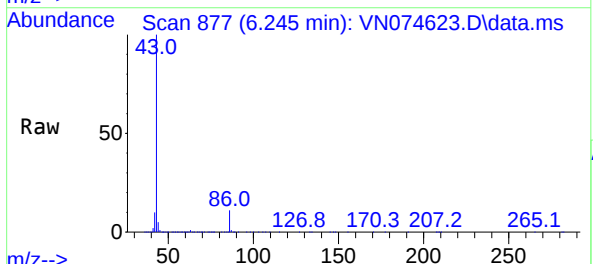
Tgt Ion: 83 Resp: 34883  
Ion Ratio Lower Upper  
83 100  
85 62.8 50.2 75.4  
127 6.4 5.1 7.7

Manual Integrations  
APPROVED

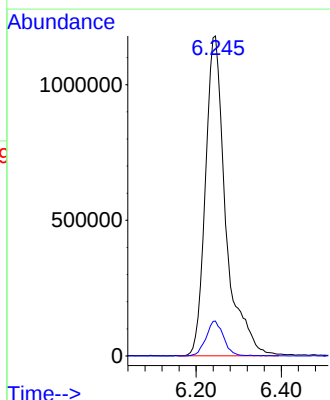
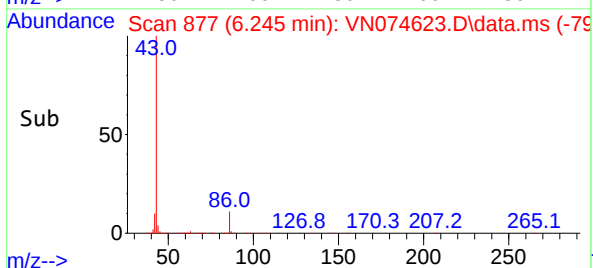
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

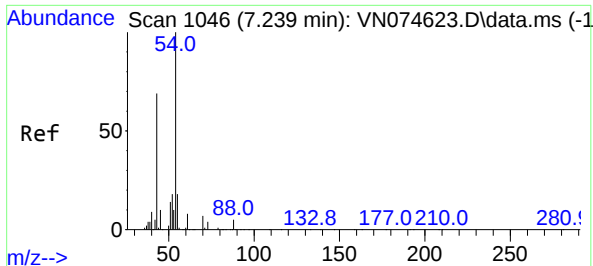


#42  
Vinyl Acetate  
Concen: 97.859 ug/l  
RT: 6.245 min Scan# 877  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



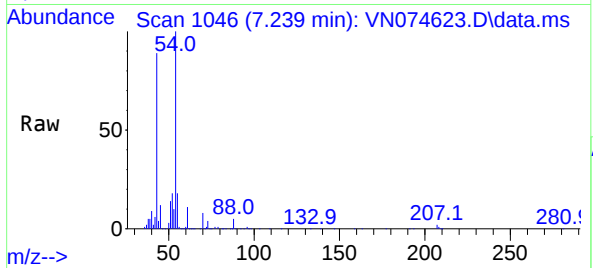
Tgt Ion: 43 Resp: 3900534  
Ion Ratio Lower Upper  
43 100  
86 9.4 7.5 11.3





#43  
Ethyl Acetate  
Concen: 19.968 ug/l  
RT: 7.239 min Scan# 1046  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

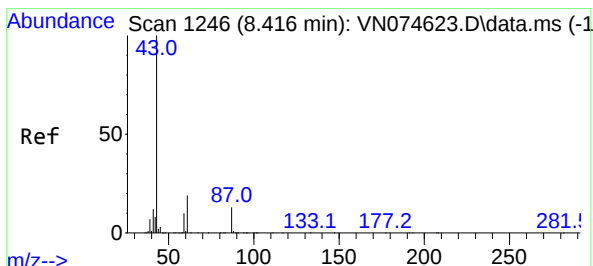
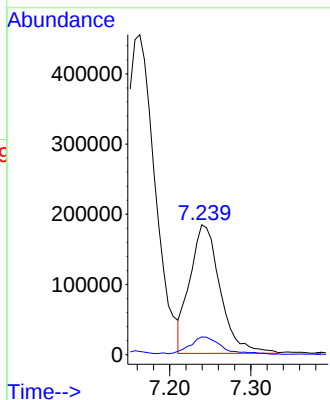
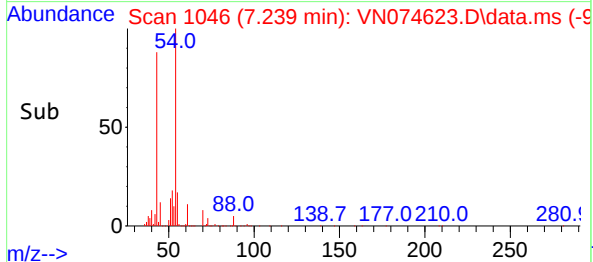
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



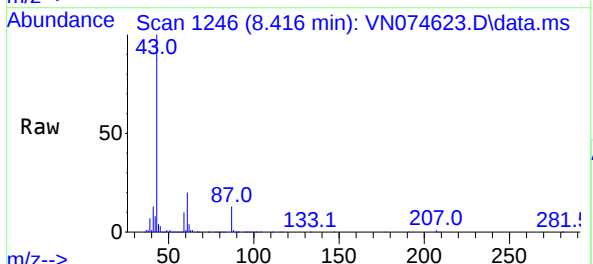
Tgt Ion: 43 Resp: 47438  
Ion Ratio Lower Upper  
43 100  
45 14.4 11.5 17.3

Manual Integrations  
APPROVED

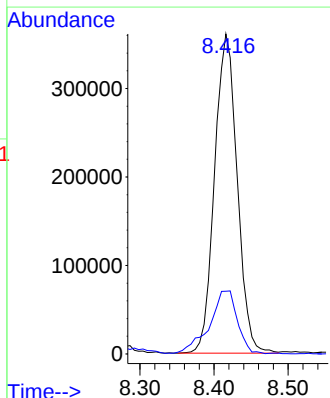
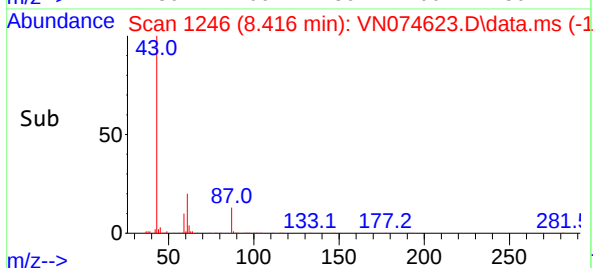
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

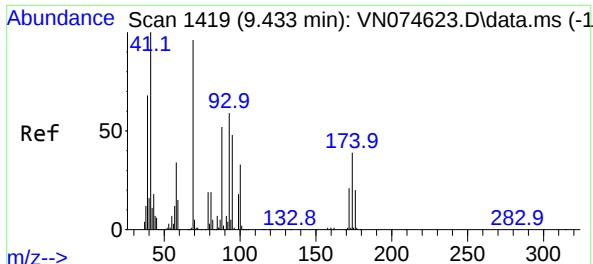


#44  
Isopropyl Acetate  
Concen: 19.803 ug/l  
RT: 8.416 min Scan# 1246  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



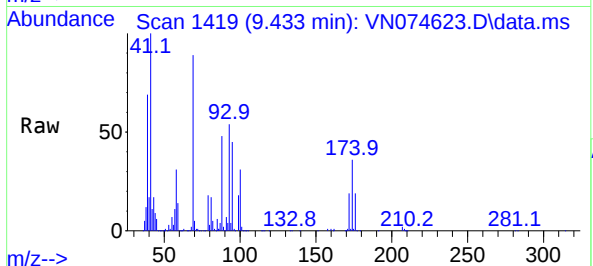
Tgt Ion: 43 Resp: 763970  
Ion Ratio Lower Upper  
43 100  
61 24.4 19.5 29.3





#45  
1,4-Dioxane  
Concen: 424.998 ug/l  
RT: 9.433 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

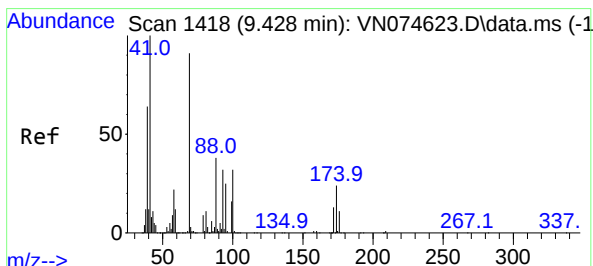
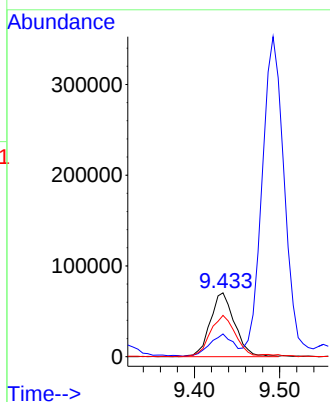
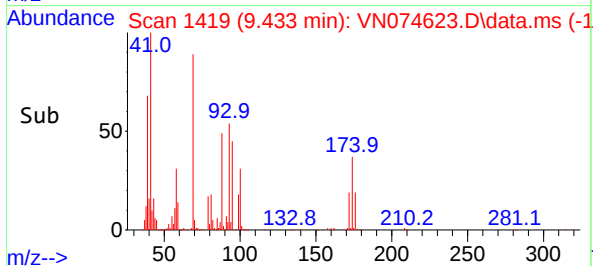
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



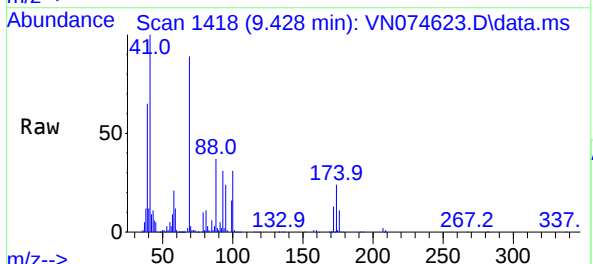
Tgt Ion: 88 Resp: 139914  
Ion Ratio Lower Upper  
88 100  
43 32.1 25.7 38.5  
58 66.8 53.4 80.2

Manual Integrations  
APPROVED

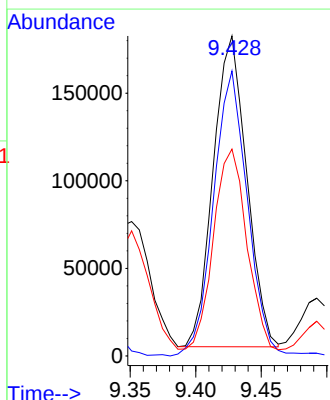
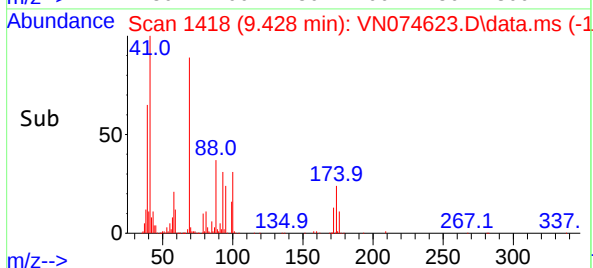
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

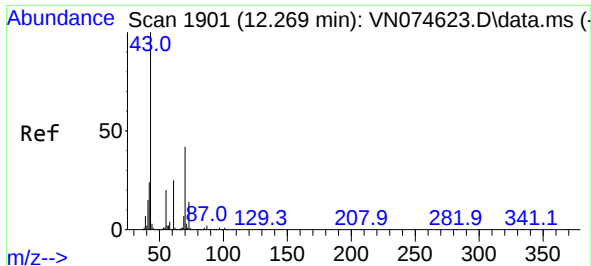


#46  
Methyl methacrylate  
Concen: 19.570 ug/l  
RT: 9.428 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



Tgt Ion: 41 Resp: 314445  
Ion Ratio Lower Upper  
41 100  
69 91.1 45.6 136.7  
39 64.6 32.3 96.9





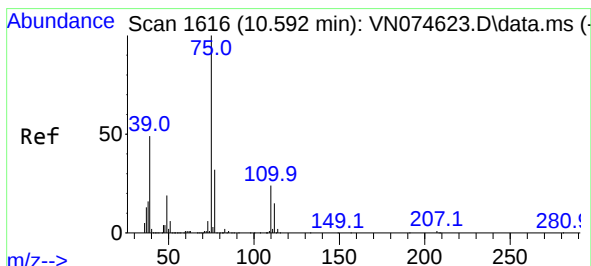
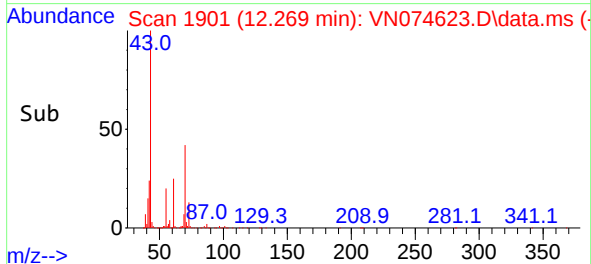
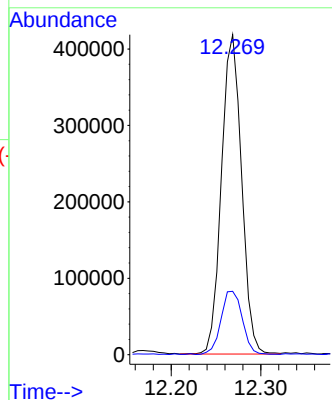
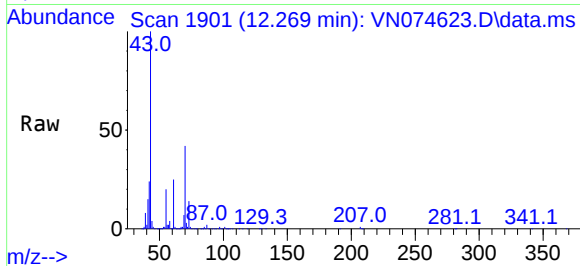
#47  
n-amy1 Acetate  
Concen: 18.416 ug/l  
RT: 12.269 min Scan# 1901  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 43 Resp: 65025  
Ion Ratio Lower Upper  
43 100  
55 21.0 16.8 25.2

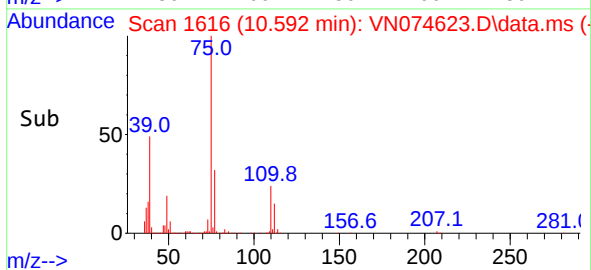
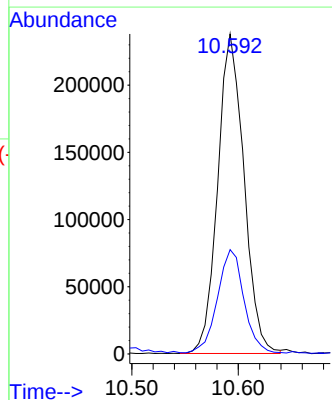
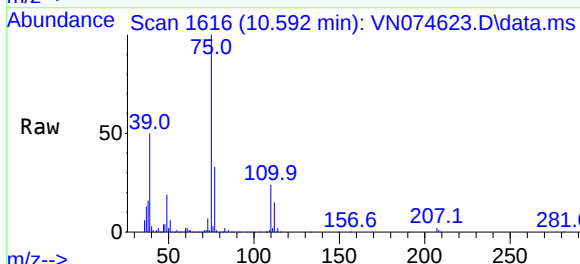
Manual Integrations  
APPROVED

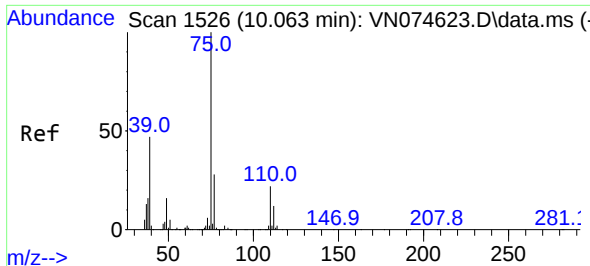
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#48  
t-1,3-Dichloropropene  
Concen: 18.512 ug/l  
RT: 10.592 min Scan# 1616  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

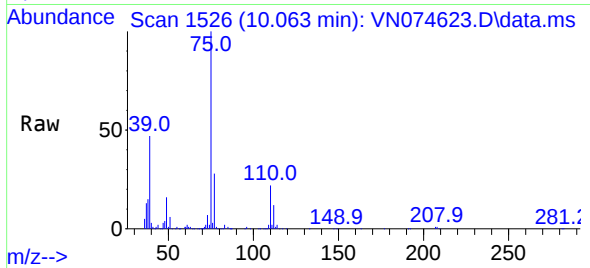
Tgt Ion: 75 Resp: 406190  
Ion Ratio Lower Upper  
75 100  
77 32.3 25.8 38.8





#49  
cis-1,3-Dichloropropene  
Concen: 19.162 ug/l  
RT: 10.063 min Scan# 1526  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

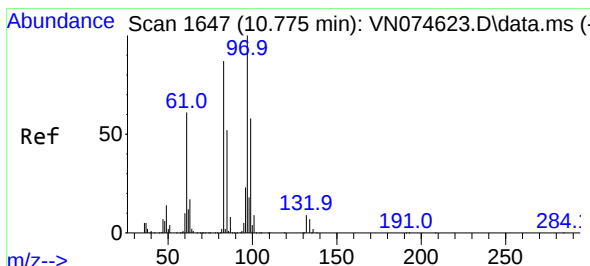
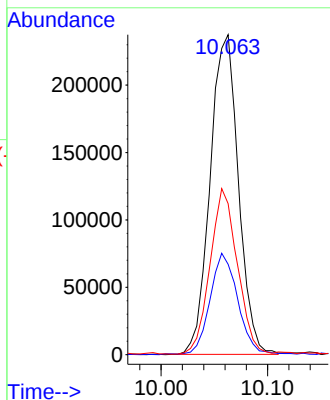
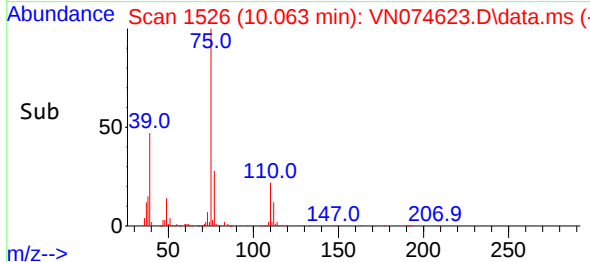
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



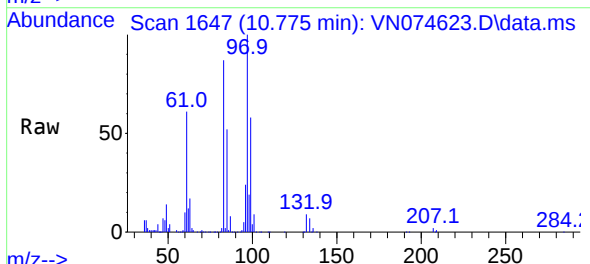
Tgt Ion: 75 Resp: 43751  
Ion Ratio Lower Upper  
75 100  
77 28.1 22.5 33.7  
39 47.0 37.6 56.4

Manual Integrations  
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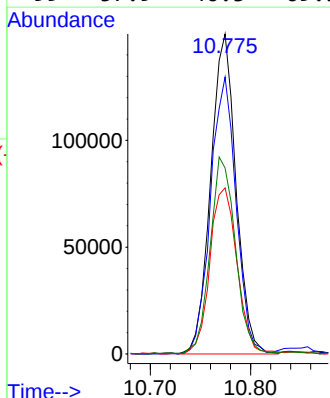
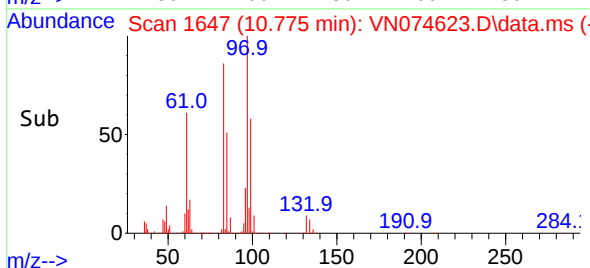
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

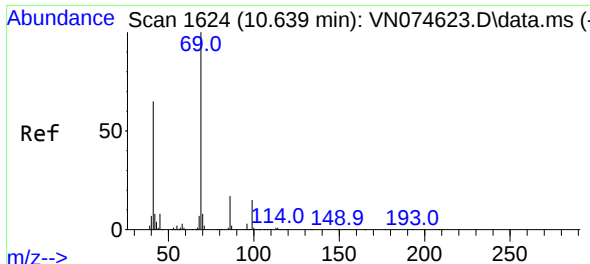


#50  
1,1,2-Trichloroethane  
Concen: 19.903 ug/l  
RT: 10.775 min Scan# 1647  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



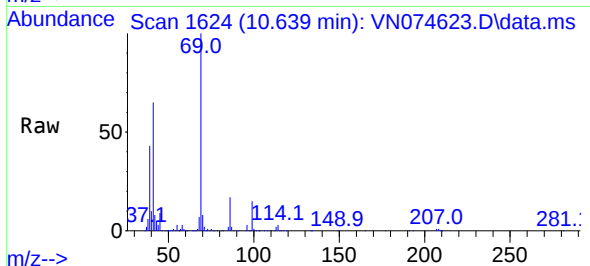
Tgt Ion: 97 Resp: 263097  
Ion Ratio Lower Upper  
97 100  
83 86.5 69.2 103.8  
85 51.8 41.4 62.2  
99 57.9 46.3 69.5





#51  
Ethyl methacrylate  
Concen: 18.703 ug/l  
RT: 10.639 min Scan# 1624  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

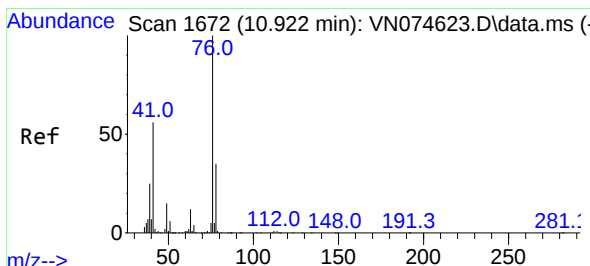
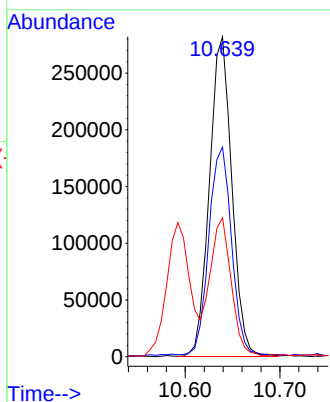
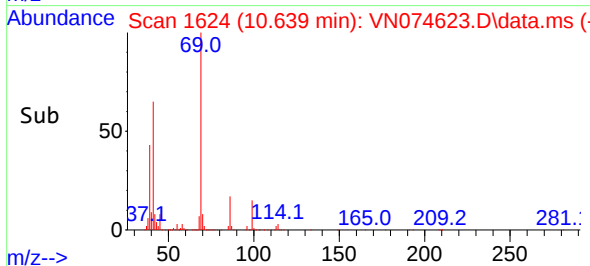
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



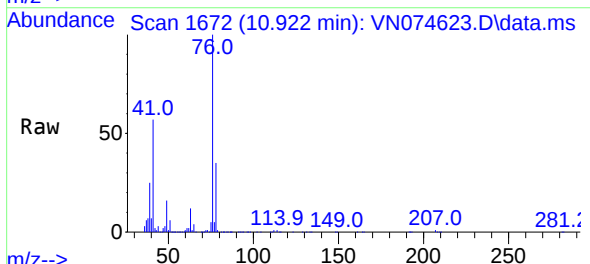
Tgt Ion: 69 Resp: 463579  
Ion Ratio Lower Upper  
69 100  
41 65.0 32.5 97.5  
39 43.0 21.5 64.5

Manual Integrations  
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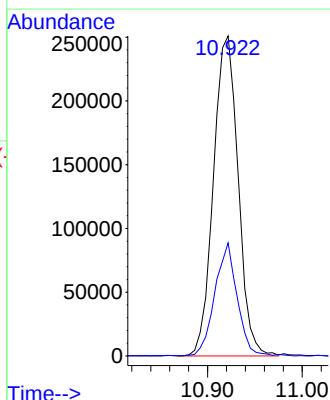
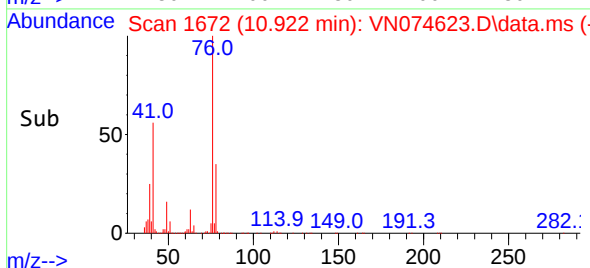
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

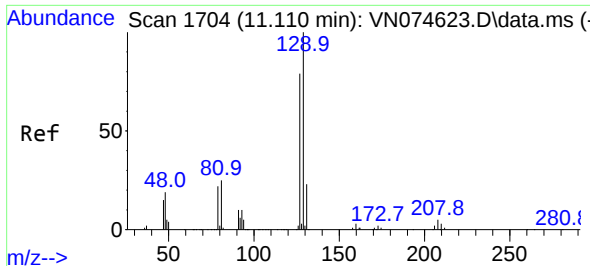


#52  
1,3-Dichloropropane  
Concen: 19.415 ug/l  
RT: 10.922 min Scan# 1672  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



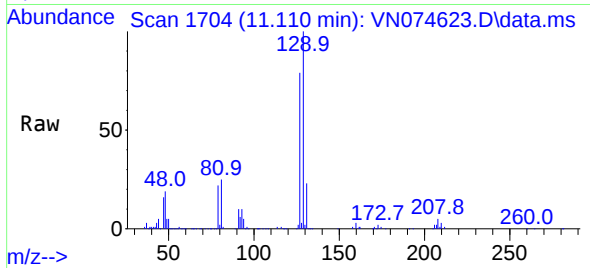
Tgt Ion: 76 Resp: 454875  
Ion Ratio Lower Upper  
76 100  
78 31.9 0.0 63.8





#53  
Dibromochloromethane  
Concen: 18.593 ug/l  
RT: 11.110 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

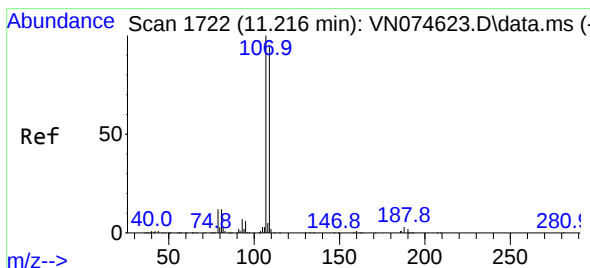
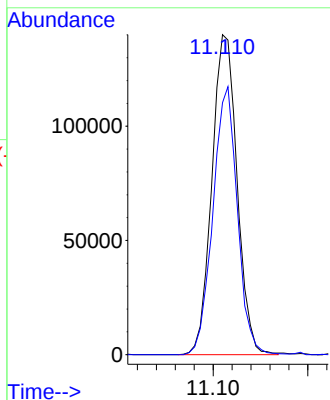
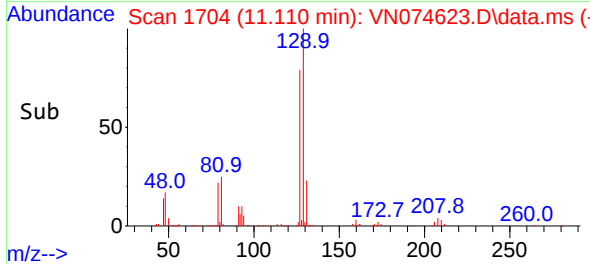
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



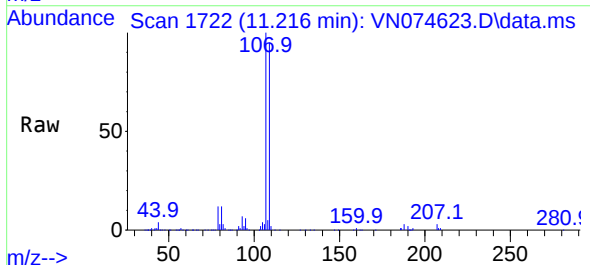
Tgt Ion:129 Resp: 259753  
Ion Ratio Lower Upper  
129 100  
127 81.1 40.6 121.7

Manual Integrations  
APPROVED

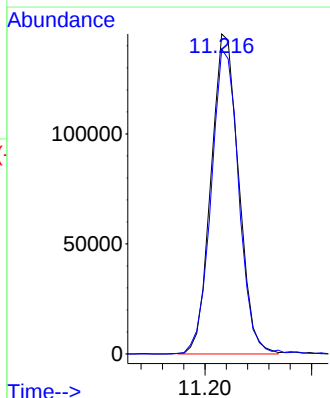
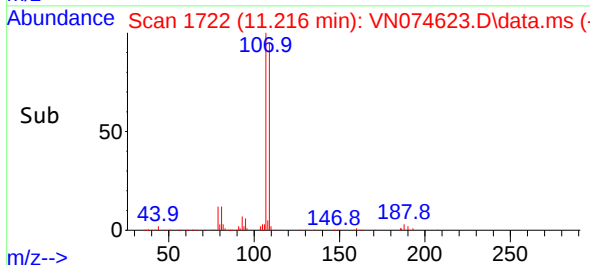
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

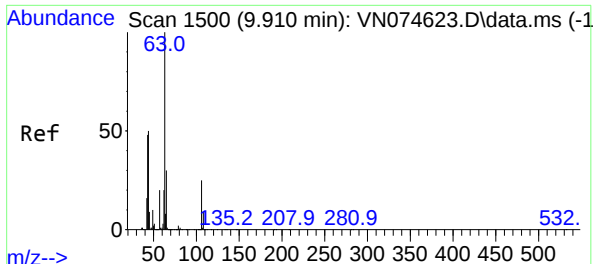


#54  
1,2-Dibromoethane  
Concen: 19.135 ug/l  
RT: 11.216 min Scan# 1722  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



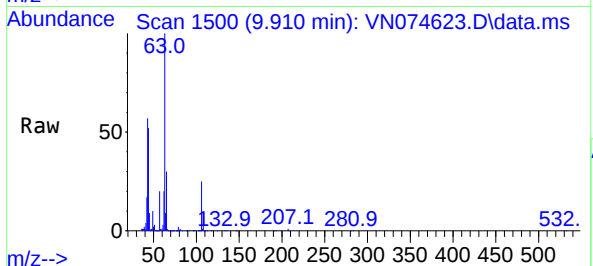
Tgt Ion:107 Resp: 261674  
Ion Ratio Lower Upper  
107 100  
109 95.2 76.2 114.2





#55  
2-Chloroethyl vinyl ether  
Concen: 93.533 ug/l  
RT: 9.910 min Scan# 1500  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

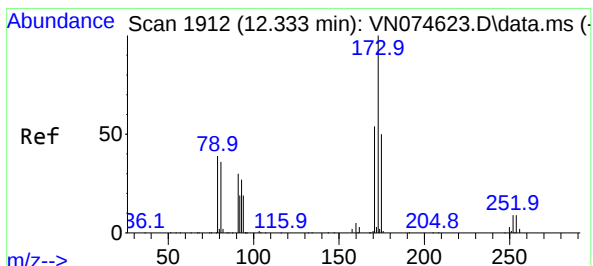
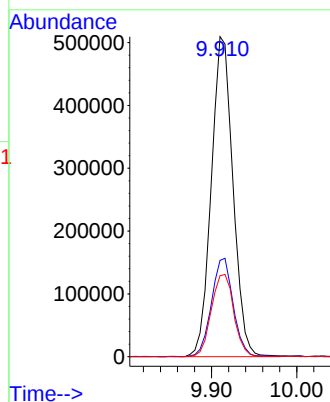
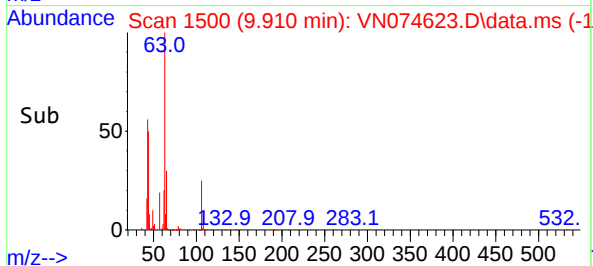
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



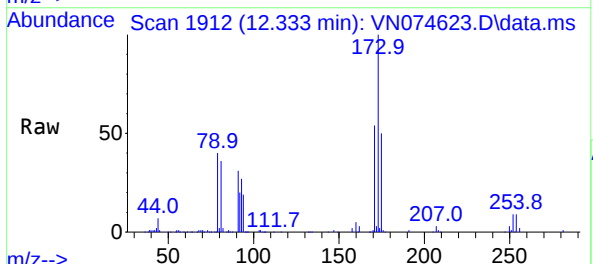
Tgt Ion: 63 Resp: 899702  
Ion Ratio Lower Upper  
63 100  
65 30.7 24.6 36.8  
106 26.6 21.3 31.9

Manual Integrations  
APPROVED

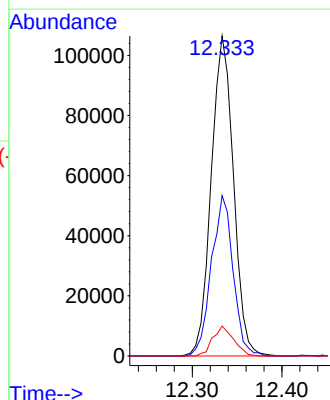
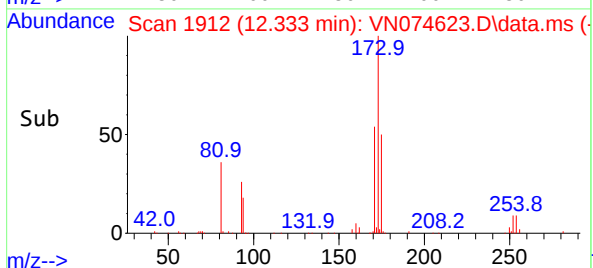
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

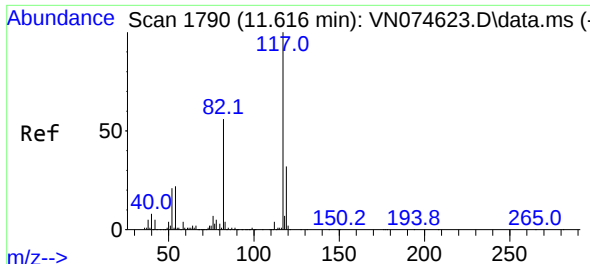


#56  
Bromoform  
Concen: 16.763 ug/l  
RT: 12.333 min Scan# 1912  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



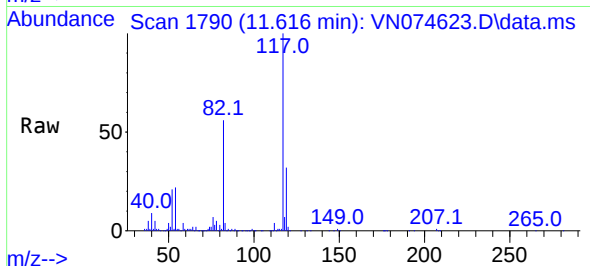
Tgt Ion:173 Resp: 183050  
Ion Ratio Lower Upper  
173 100  
175 48.9 39.1 58.7  
254 8.8 7.0 10.6





#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 11.616 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

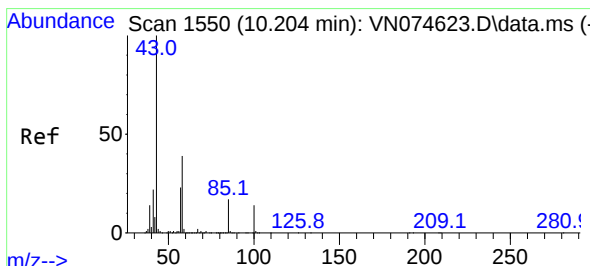
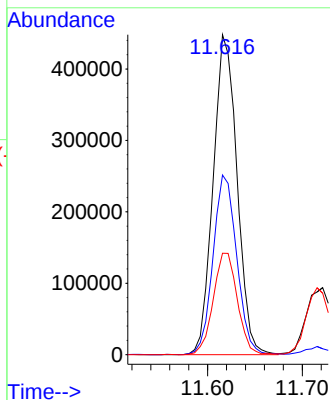
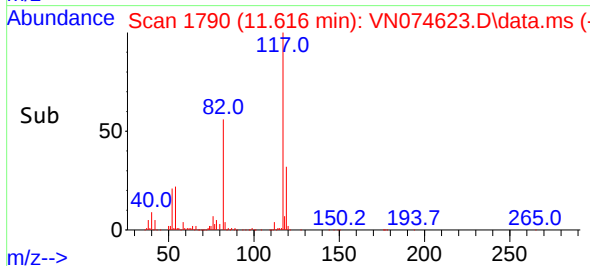
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



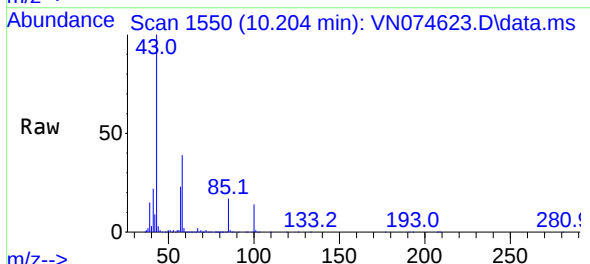
Tgt Ion: 117 Resp: 784368  
Ion Ratio Lower Upper  
117 100  
82 55.8 44.6 67.0  
119 32.0 25.6 38.4

Manual Integrations  
APPROVED

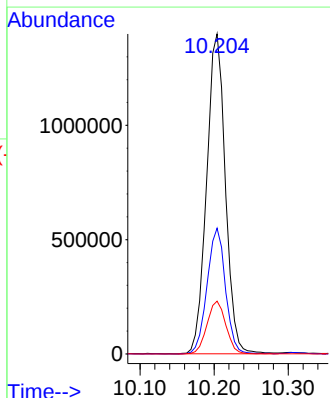
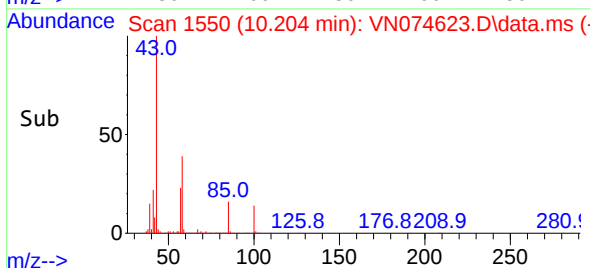
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

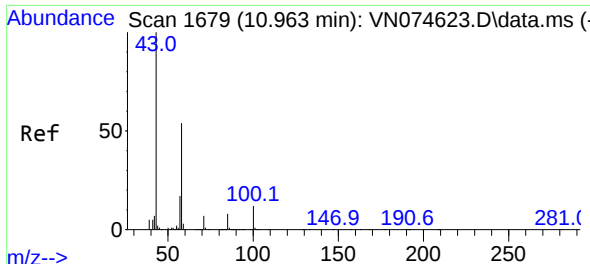


#58  
4-Methyl-2-Pentanone  
Concen: 101.160 ug/l  
RT: 10.204 min Scan# 1550  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



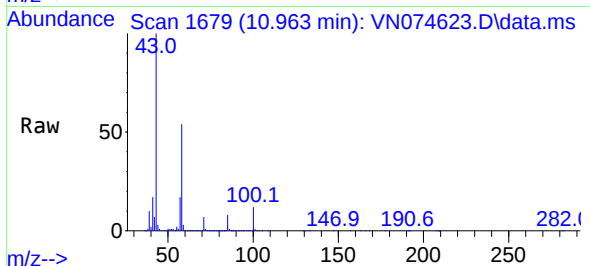
Tgt Ion: 43 Resp: 2462395  
Ion Ratio Lower Upper  
43 100  
58 38.5 30.8 46.2  
85 16.6 13.3 19.9





#59  
2-Hexanone  
Concen: 100.189 ug/l  
RT: 10.963 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

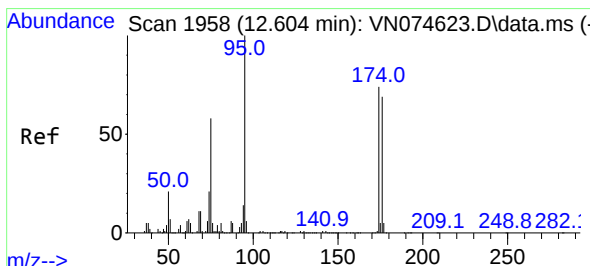
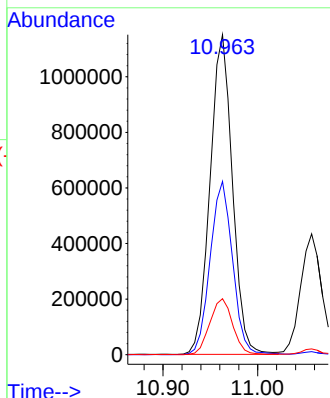
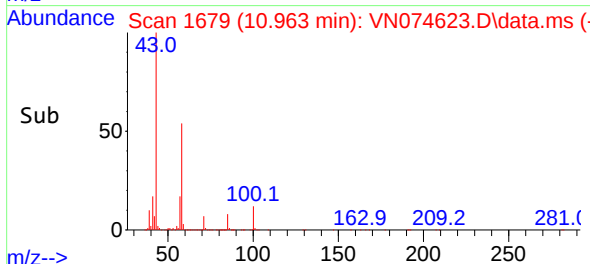
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



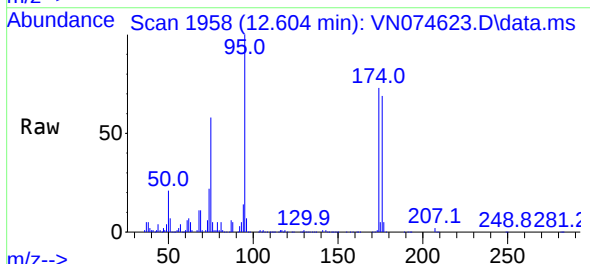
Tgt Ion: 43 Resp: 1888888  
Ion Ratio Lower Upper  
43 100  
58 54.5 43.6 65.4  
57 17.9 14.3 21.5

Manual Integrations  
APPROVED

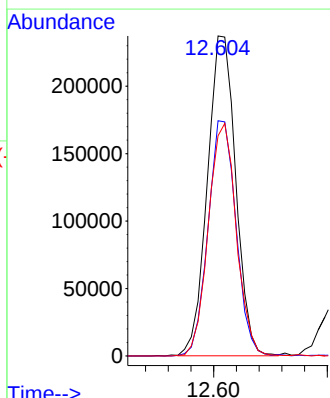
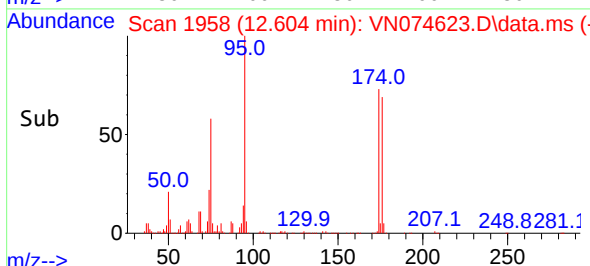
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

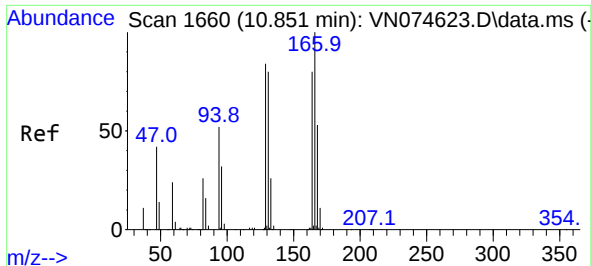


#60  
4-Bromofluorobenzene  
Concen: 27.020 ug/l  
RT: 12.604 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



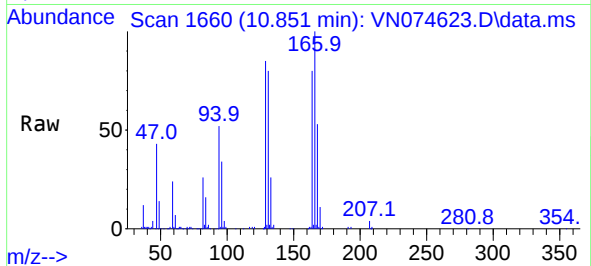
Tgt Ion: 95 Resp: 411672  
Ion Ratio Lower Upper  
95 100  
174 72.3 57.8 86.8  
176 71.2 57.0 85.4





#61  
Tetrachloroethene  
Concen: 18.927 ug/l  
RT: 10.851 min Scan# 1660  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

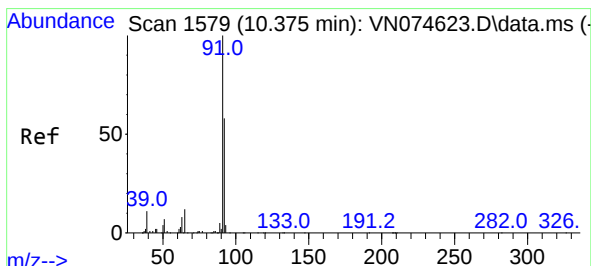
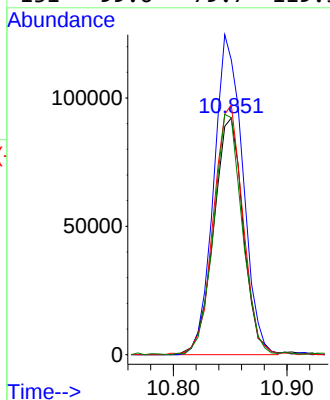
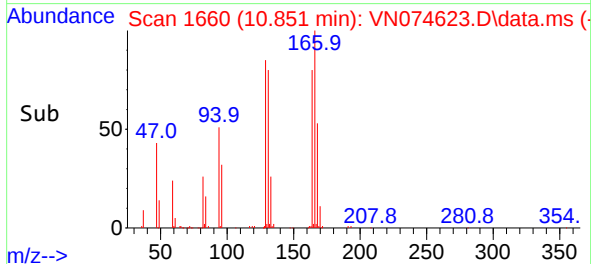
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



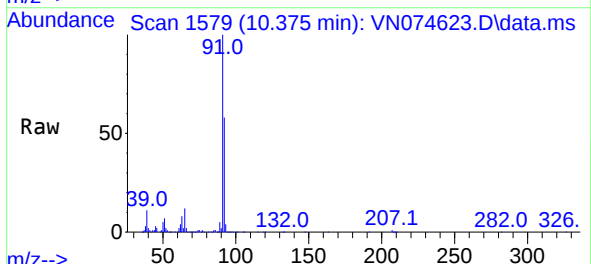
Tgt Ion:164 Resp: 16560  
Ion Ratio Lower Upper  
164 100  
166 124.5 99.6 149.4  
129 105.0 84.0 126.0  
131 99.6 79.7 119.5

Manual Integrations  
APPROVED

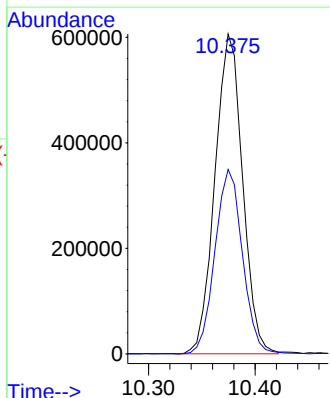
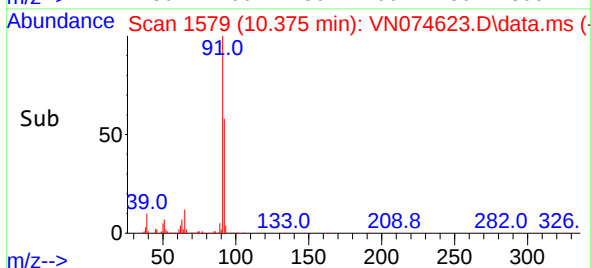
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

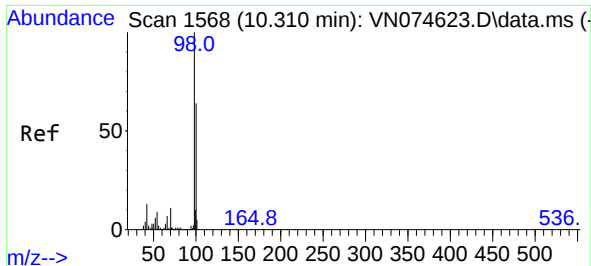


#62  
Toluene  
Concen: 18.992 ug/l  
RT: 10.375 min Scan# 1579  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



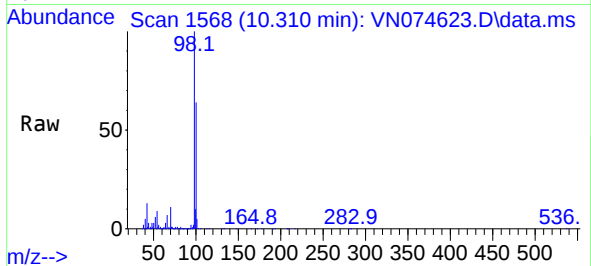
Tgt Ion: 91 Resp: 1090800  
Ion Ratio Lower Upper  
91 100  
92 57.5 46.0 69.0





#63  
Toluene-d8  
Concen: 29.684 ug/l  
RT: 10.310 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

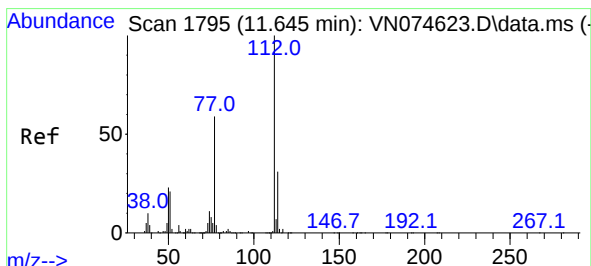
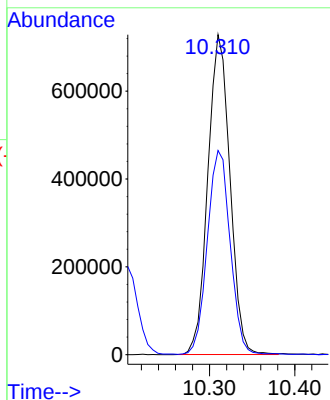
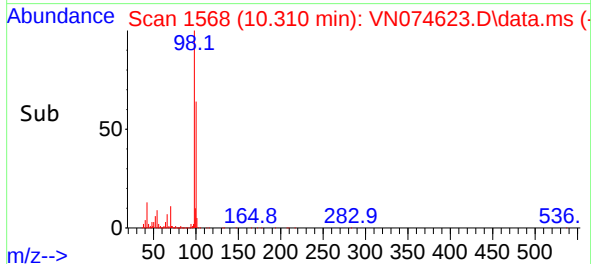
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



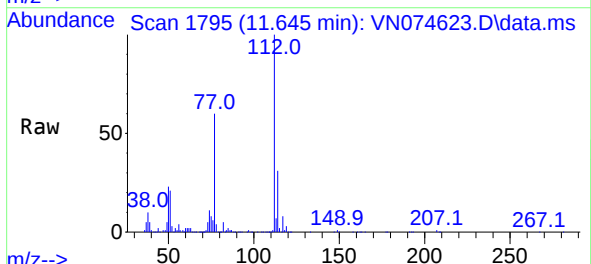
Tgt Ion: 98 Resp: 131331  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.7 79.1

Manual Integrations  
APPROVED

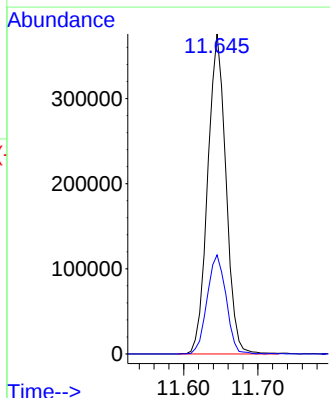
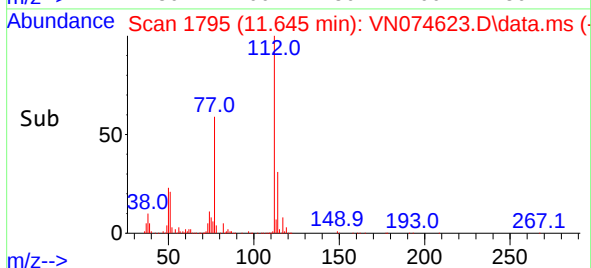
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

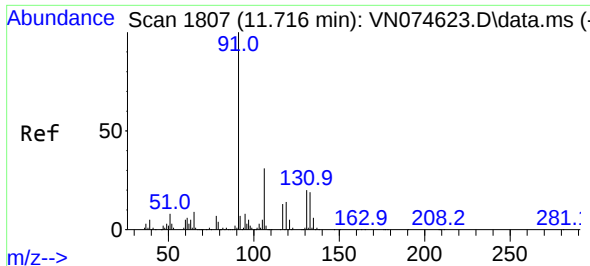


#64  
Chlorobenzene  
Concen: 19.528 ug/l  
RT: 11.645 min Scan# 1795  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



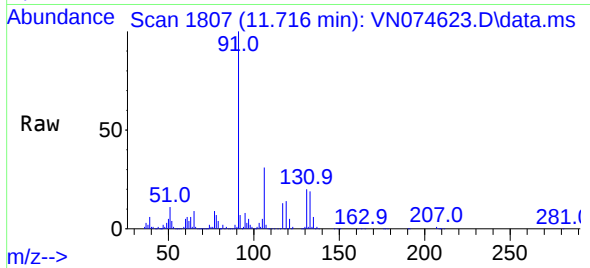
Tgt Ion:112 Resp: 642680  
Ion Ratio Lower Upper  
112 100  
114 30.9 24.7 37.1





#65  
1,1,1,2-Tetrachloroethane  
Concen: 19.427 ug/l  
RT: 11.716 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

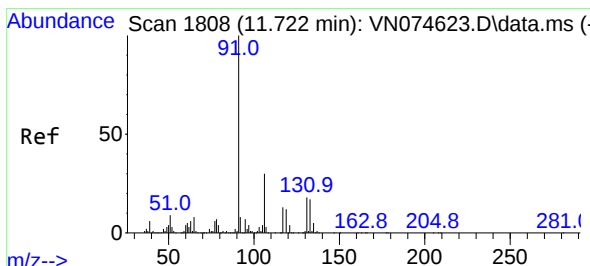
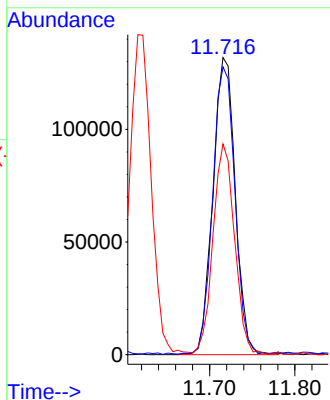
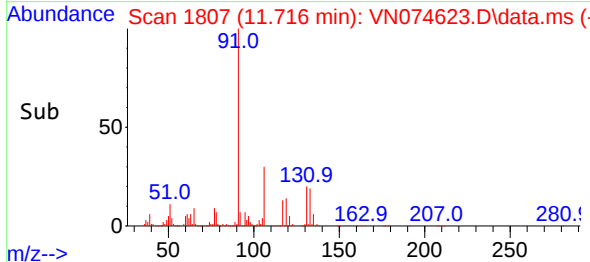
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



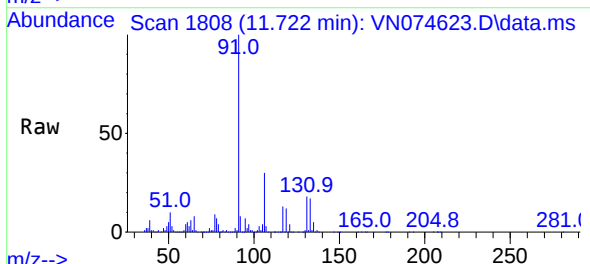
Tgt Ion:131 Resp: 240231  
Ion Ratio Lower Upper  
131 100  
133 95.9 0.0 191.8  
119 67.9 0.0 135.8

Manual Integrations  
APPROVED

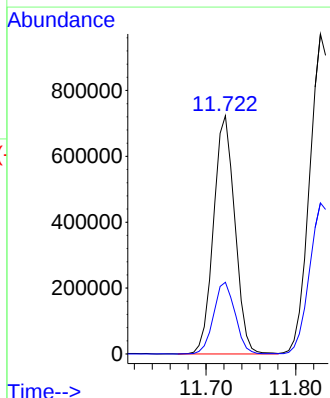
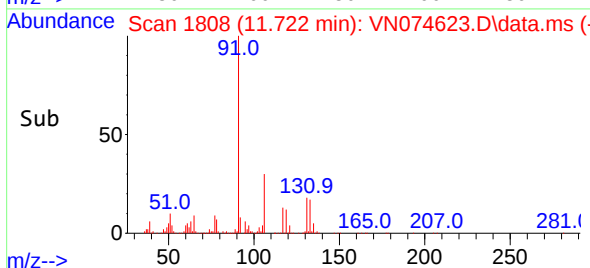
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

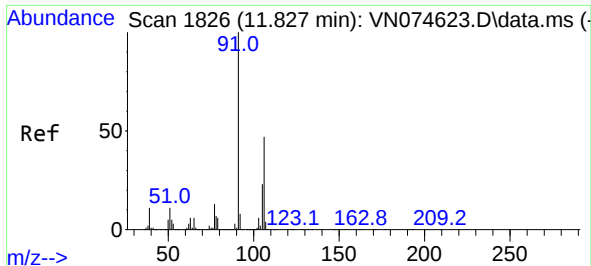


#66  
Ethyl Benzene  
Concen: 19.564 ug/l  
RT: 11.722 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



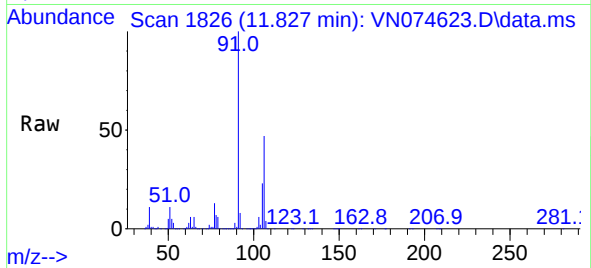
Tgt Ion: 91 Resp: 1193229  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.1 36.1





#67  
m/p-Xylenes  
Concen: 36.160 ug/l  
RT: 11.827 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

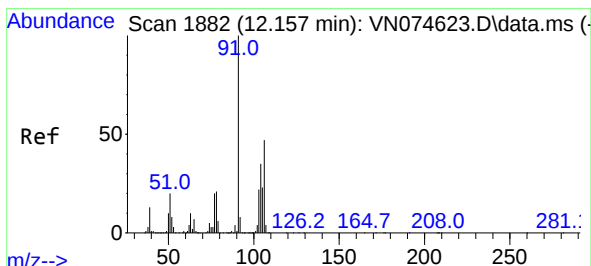
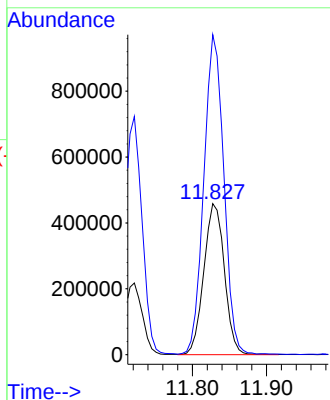
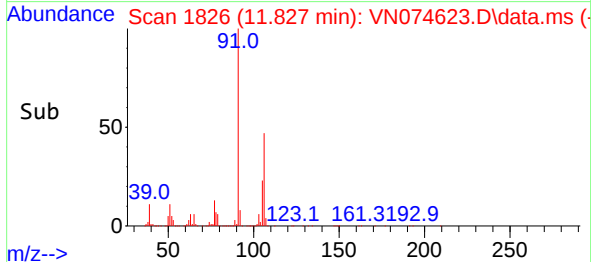
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



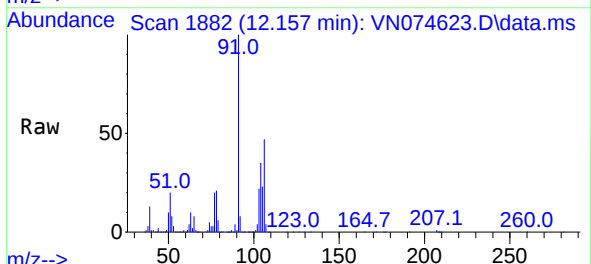
Tgt Ion:106 Resp: 885500  
Ion Ratio Lower Upper  
106 100  
91 205.3 164.2 246.4

Manual Integrations  
APPROVED

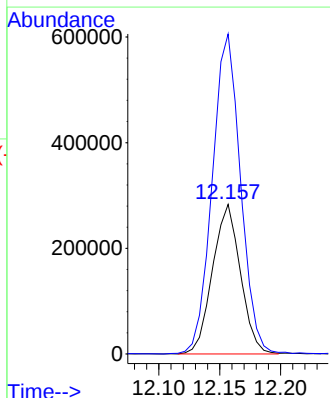
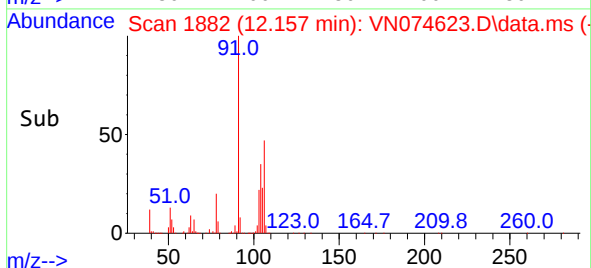
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

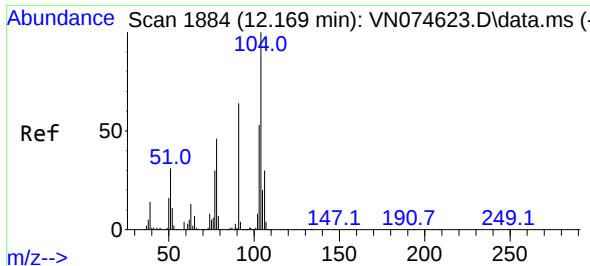


#68  
o-Xylene  
Concen: 18.130 ug/l  
RT: 12.157 min Scan# 1882  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



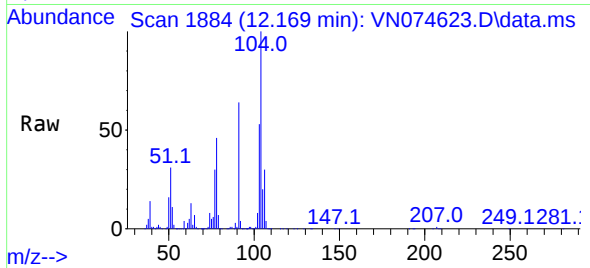
Tgt Ion:106 Resp: 452029  
Ion Ratio Lower Upper  
106 100  
91 217.0 108.5 325.5





#69  
Styrene  
Concen: 17.436 ug/l  
RT: 12.169 min Scan# 1884  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

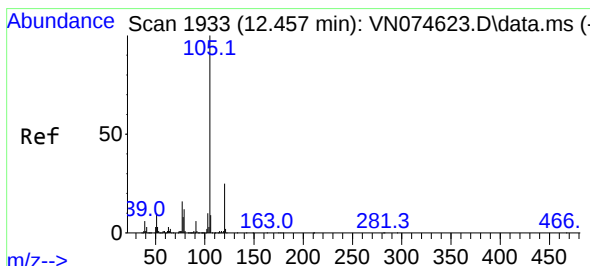
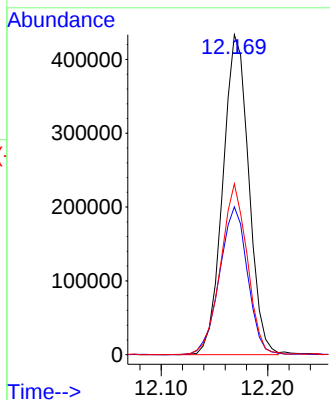
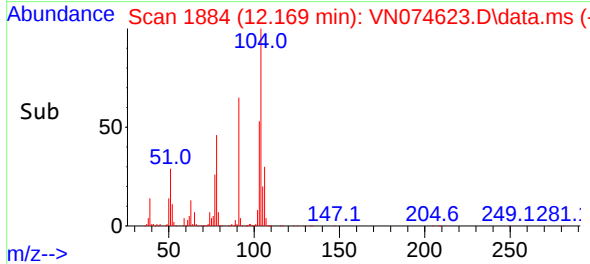
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



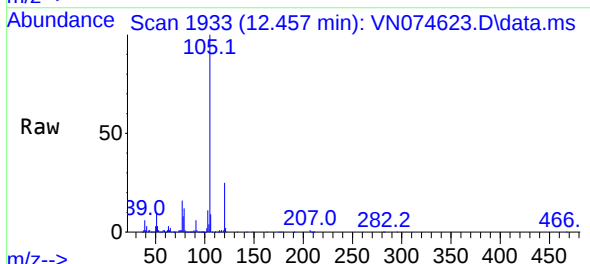
Tgt Ion:104 Resp: 731352  
Ion Ratio Lower Upper  
104 100  
78 49.9 39.9 59.9  
103 54.8 43.8 65.8

Manual Integrations  
APPROVED

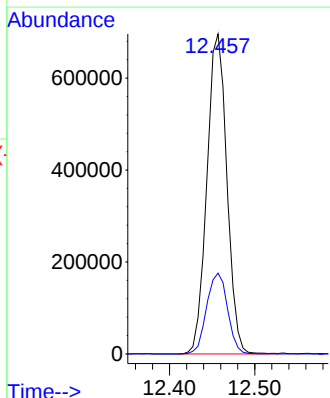
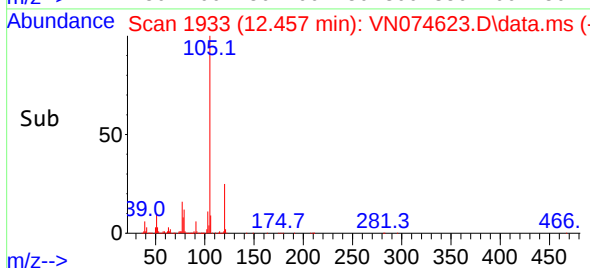
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

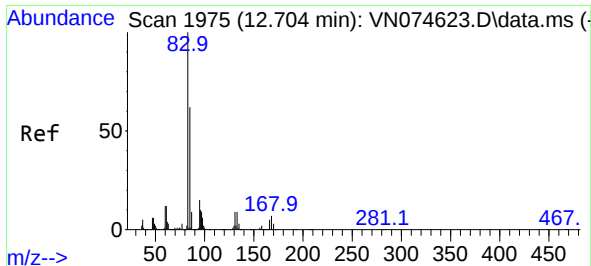


#70  
Isopropylbenzene  
Concen: 17.864 ug/l  
RT: 12.457 min Scan# 1933  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



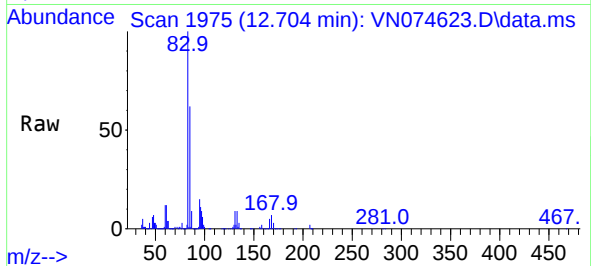
Tgt Ion:105 Resp: 1136347  
Ion Ratio Lower Upper  
105 100  
120 26.4 18.5 34.3





#71  
1,1,2,2-Tetrachloroethane  
Concen: 19.682 ug/l  
RT: 12.704 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

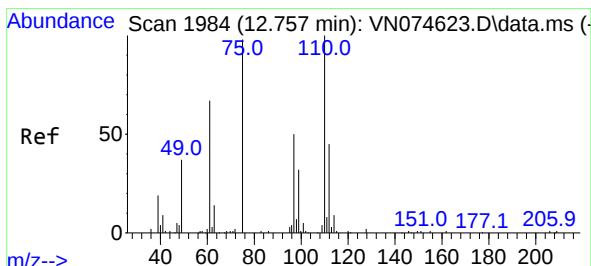
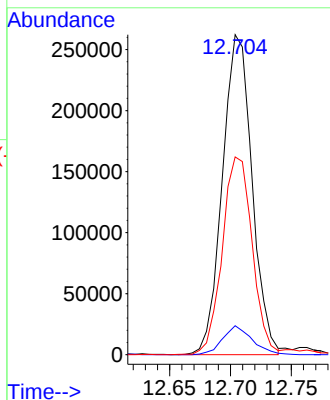
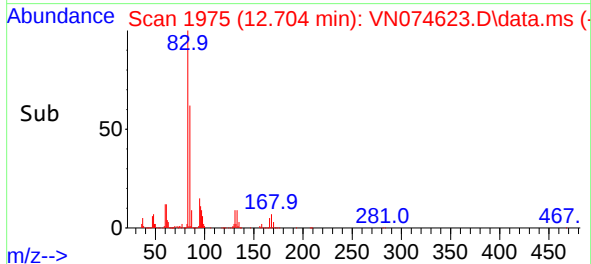
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



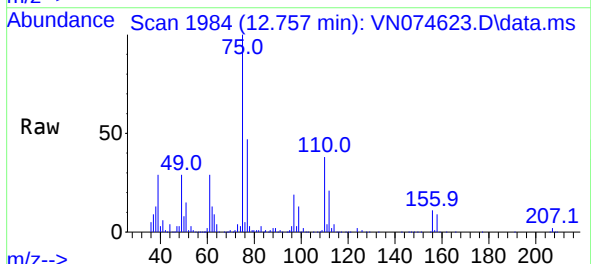
Tgt Ion: 83 Resp: 444414  
Ion Ratio Lower Upper  
83 100  
131 9.0 4.5 13.5  
85 61.8 30.9 92.7

Manual Integrations  
APPROVED

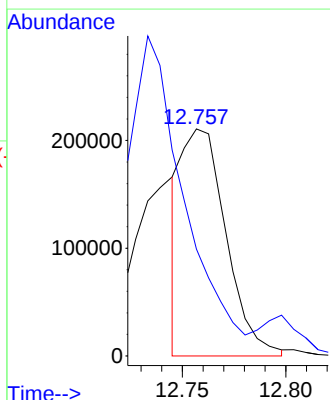
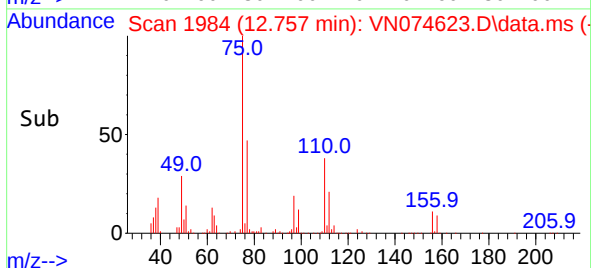
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

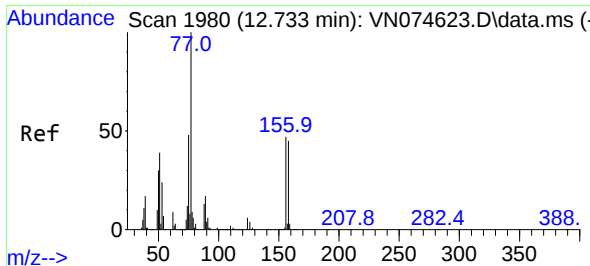


#72  
1,2,3-Trichloropropane  
Concen: 11.575 ug/l m  
RT: 12.757 min Scan# 1984  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



Tgt Ion: 75 Resp: 315912  
Ion Ratio Lower Upper  
75 100  
77 186.2 0.0 372.4





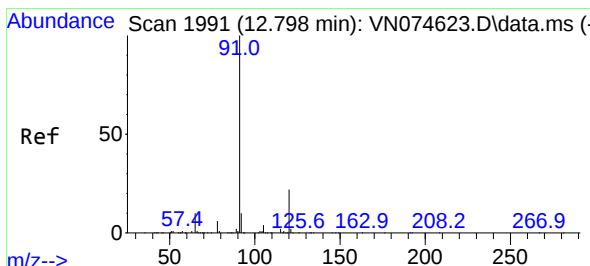
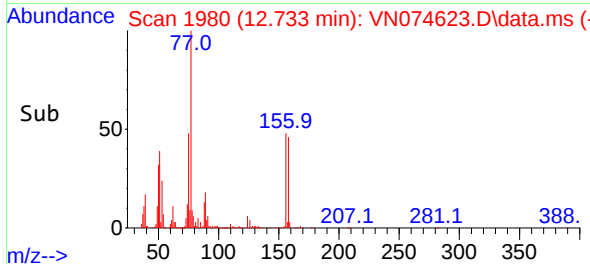
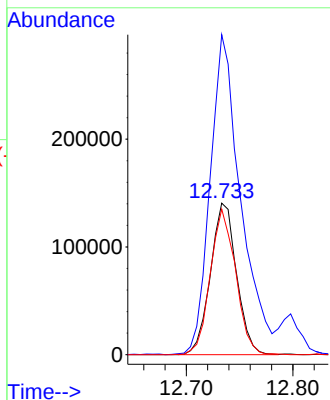
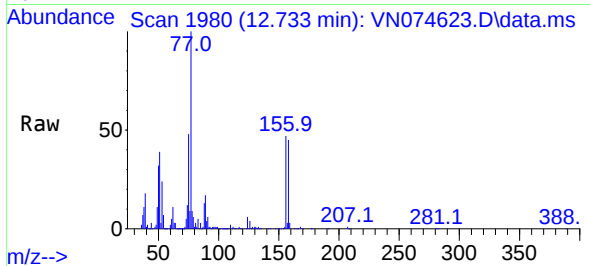
#73  
Bromobenzene  
Concen: 18.721 ug/l  
RT: 12.733 min Scan# 1980  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:156 Resp: 23927  
Ion Ratio Lower Upper  
156 100  
77 245.9 0.0 491.8  
158 92.5 0.0 185.0

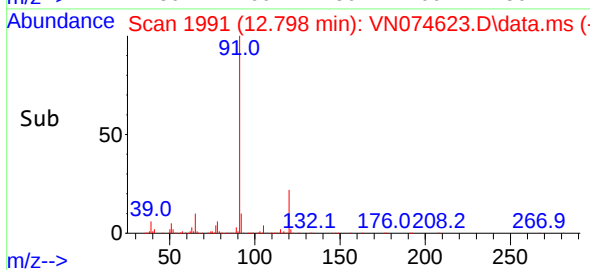
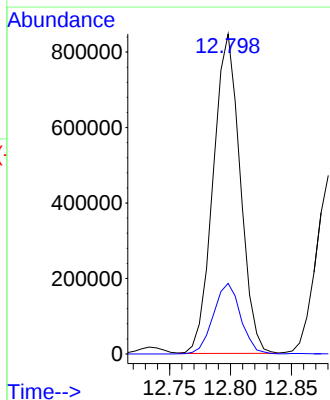
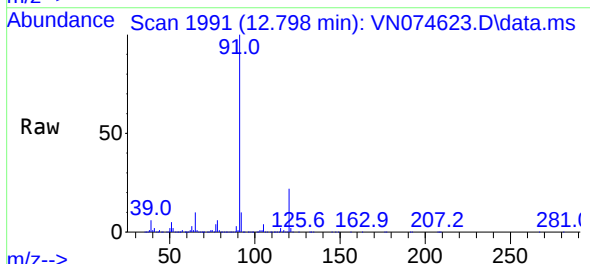
Manual Integrations  
APPROVED

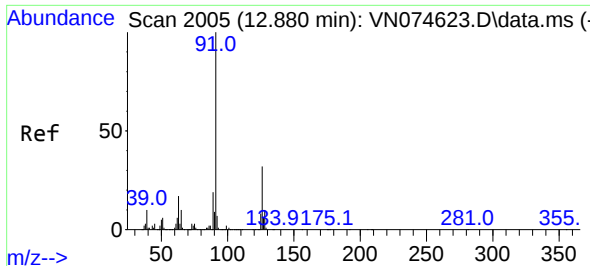
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#74  
n-propylbenzene  
Concen: 18.192 ug/l  
RT: 12.798 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Tgt Ion: 91 Resp: 1303926  
Ion Ratio Lower Upper  
91 100  
120 22.3 0.0 44.6





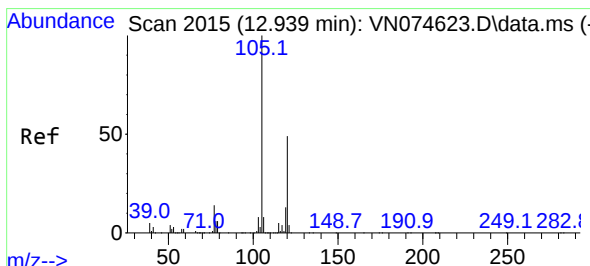
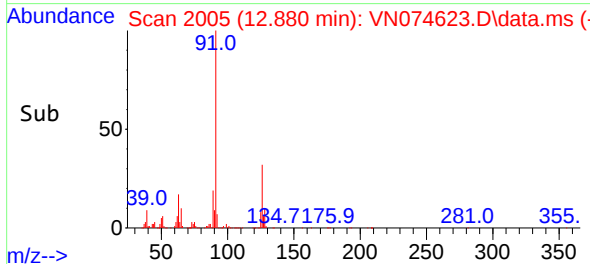
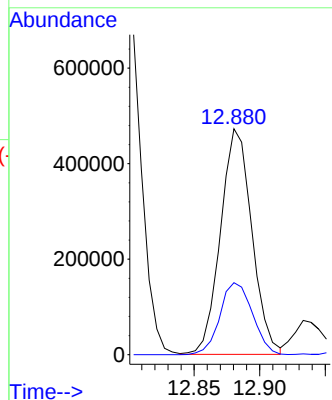
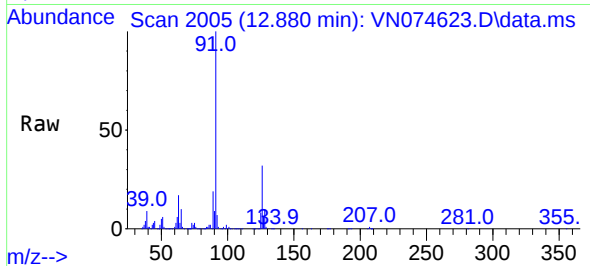
#75  
2-Chlorotoluene  
Concen: 18.083 ug/l  
RT: 12.880 min Scan# 2005  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion: 91 Resp: 78623  
Ion Ratio Lower Upper  
91 100  
126 33.1 0.0 66.2

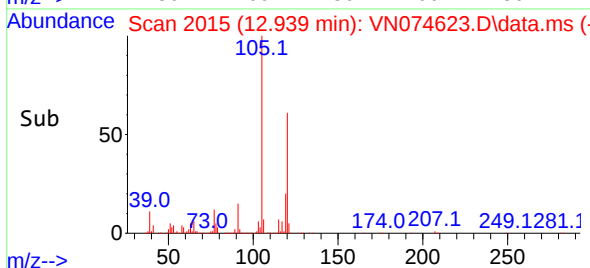
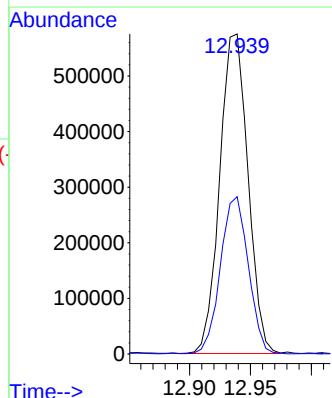
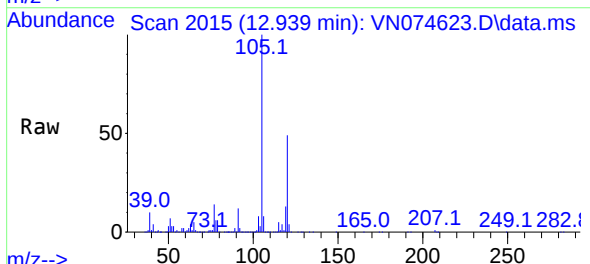
Manual Integrations  
APPROVED

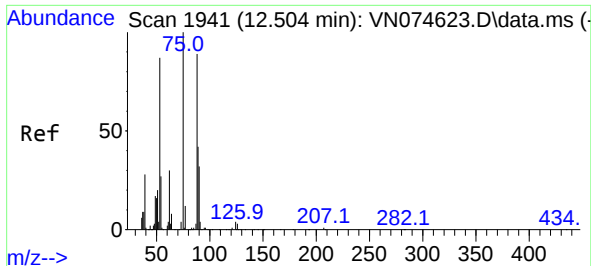
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#76  
1,3,5-Trimethylbenzene  
Concen: 17.304 ug/l  
RT: 12.939 min Scan# 2015  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

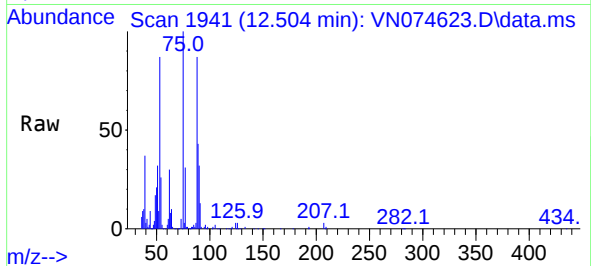
Tgt Ion:105 Resp: 928092  
Ion Ratio Lower Upper  
105 100  
120 48.7 0.0 97.4





#77  
t-1,4-Dichloro-2-butene  
Concen: 18.186 ug/l  
RT: 12.504 min Scan# 1941  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

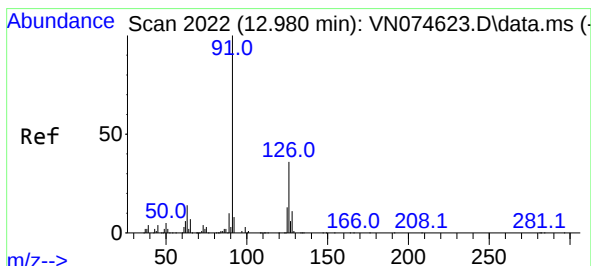
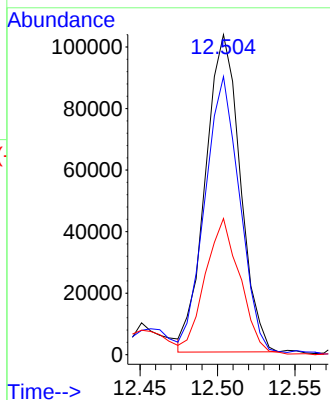
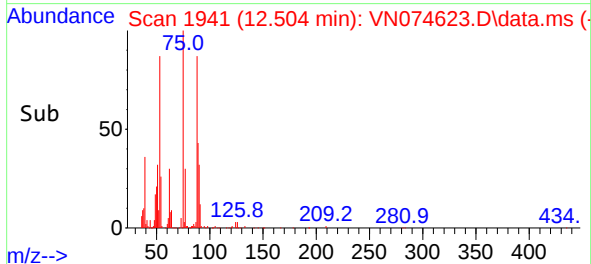
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 75 Resp: 161014  
Ion Ratio Lower Upper  
75 100  
53 86.6 43.3 129.9  
89 42.1 21.1 63.1

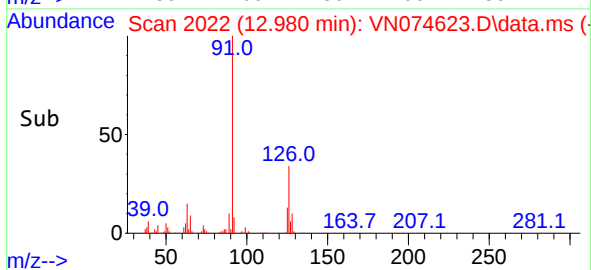
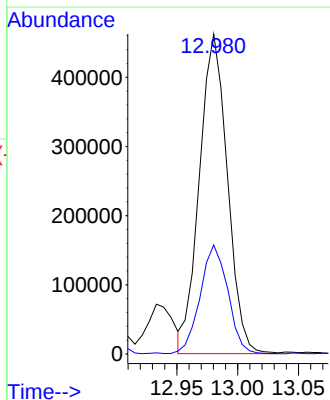
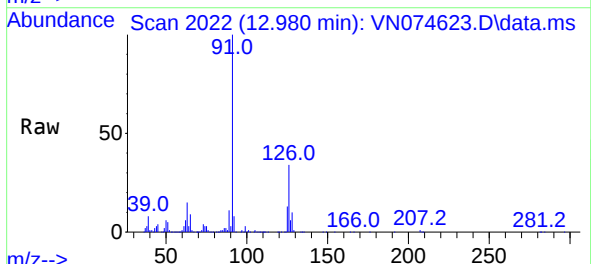
Manual Integrations  
APPROVED

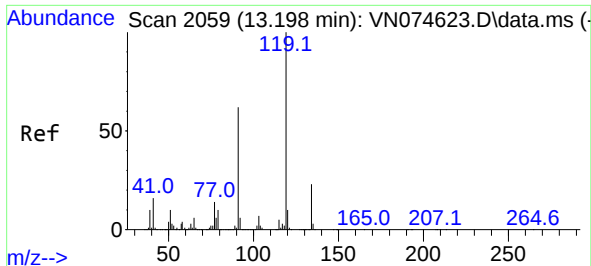
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#78  
4-Chlorotoluene  
Concen: 16.978 ug/l  
RT: 12.980 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

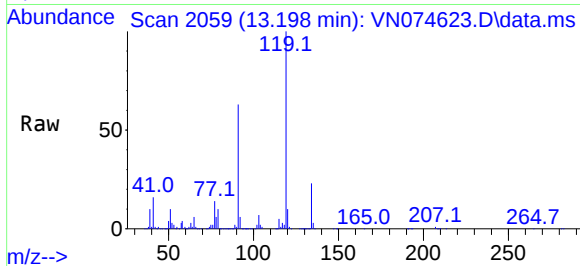
Tgt Ion: 91 Resp: 739790  
Ion Ratio Lower Upper  
91 100  
126 33.9 0.0 67.8





#79  
tert-butylbenzene  
Concen: 17.319 ug/l  
RT: 13.198 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

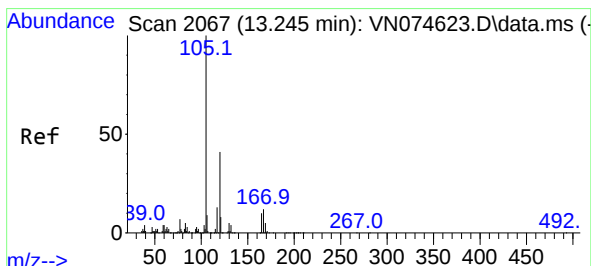
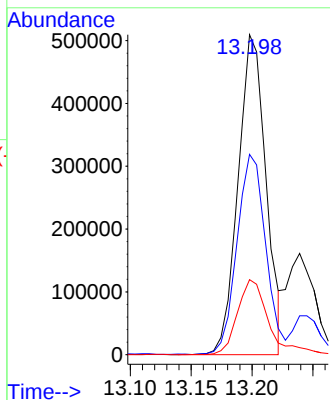
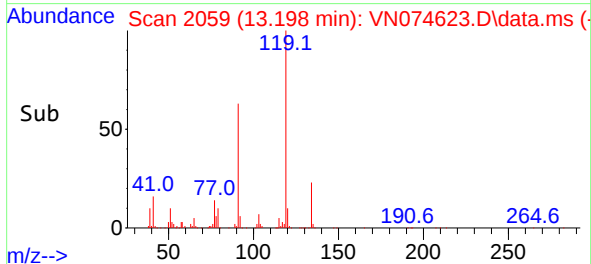
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



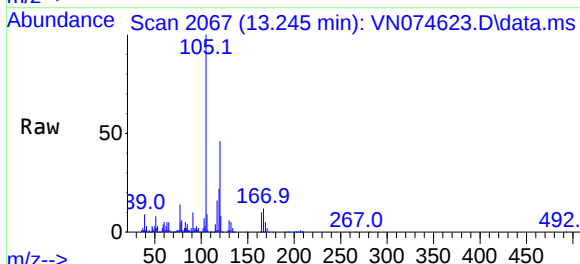
Tgt Ion:119 Resp: 812719  
Ion Ratio Lower Upper  
119 100  
91 64.5 0.0 129.0  
134 26.1 0.0 52.2

Manual Integrations  
APPROVED

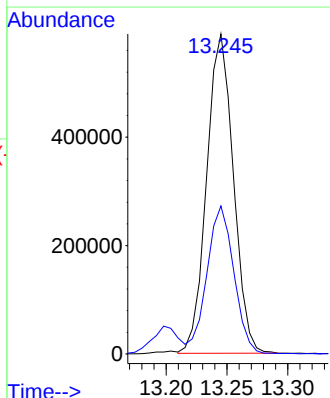
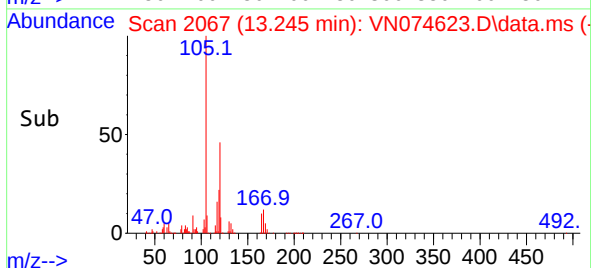
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

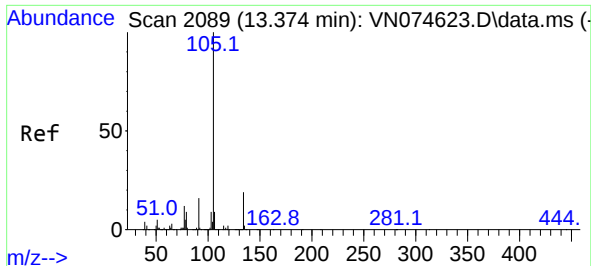


#80  
1,2,4-Trimethylbenzene  
Concen: 16.994 ug/l  
RT: 13.245 min Scan# 2067  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



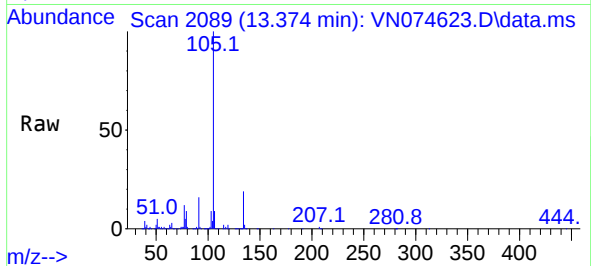
Tgt Ion:105 Resp: 900235  
Ion Ratio Lower Upper  
105 100  
120 46.6 0.0 93.2





#81  
 sec-Butylbenzene  
 Concen: 17.459 ug/l  
 RT: 13.374 min Scan# 2089  
 Delta R.T. 0.000 min  
 Lab File: VN074623.D  
 Acq: 27 Sep 2022 12:28

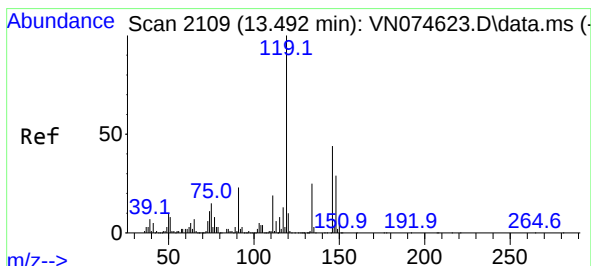
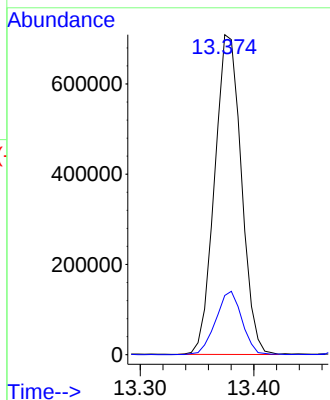
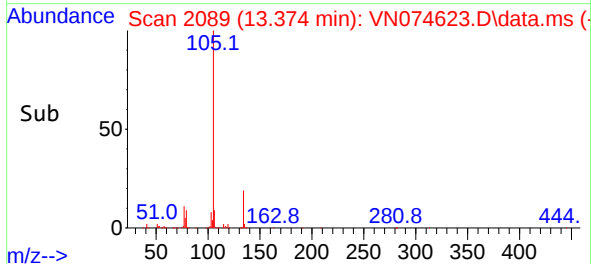
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICCC020



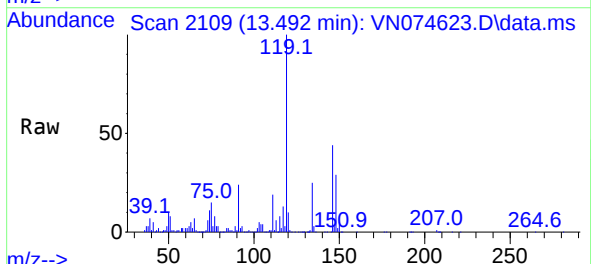
Tgt Ion:105 Resp: 115921  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 38.8

Manual Integrations  
 APPROVED

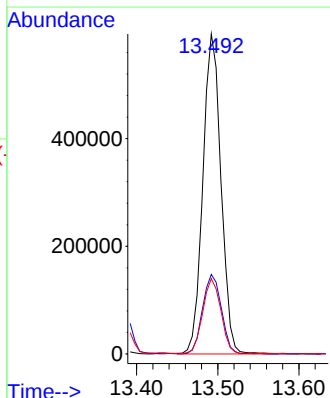
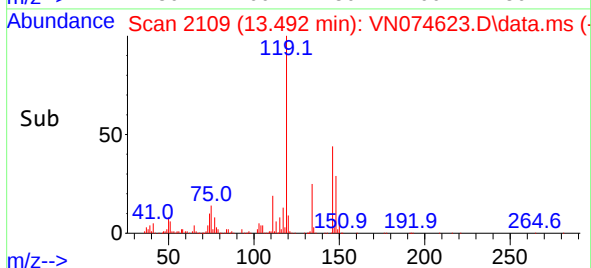
Reviewed By :John Carlone 09/28/2022  
 Supervised By :Mahesh Dadoda 09/28/2022

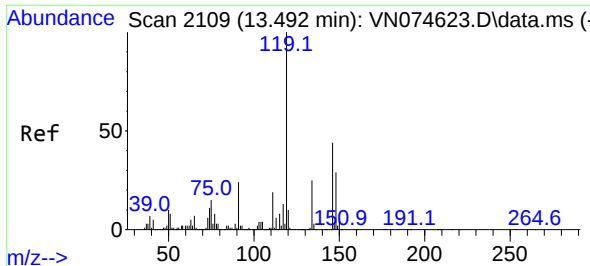


#82  
 p-Isopropyltoluene  
 Concen: 16.831 ug/l  
 RT: 13.492 min Scan# 2109  
 Delta R.T. 0.000 min  
 Lab File: VN074623.D  
 Acq: 27 Sep 2022 12:28



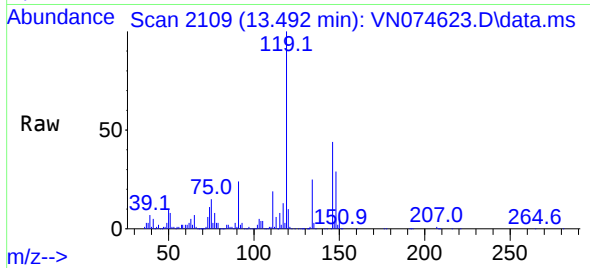
Tgt Ion:119 Resp: 919797  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 0.0 51.4  
 91 23.4 0.0 46.8





#83  
1,3-Dichlorobenzene  
Concen: 16.513 ug/l  
RT: 13.492 min Scan# 2109  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

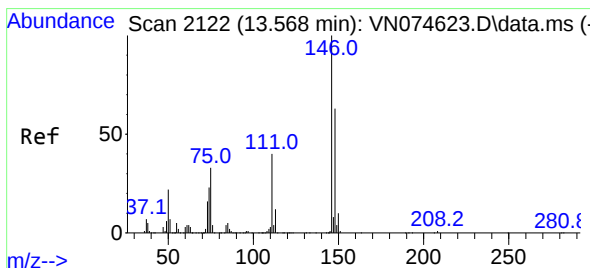
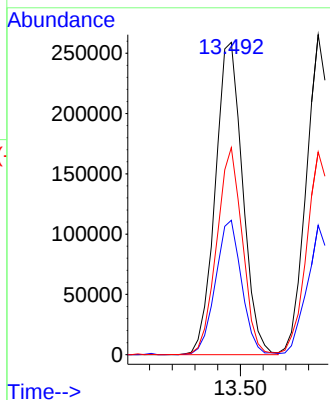
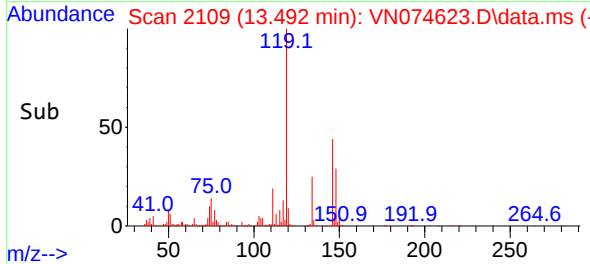
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



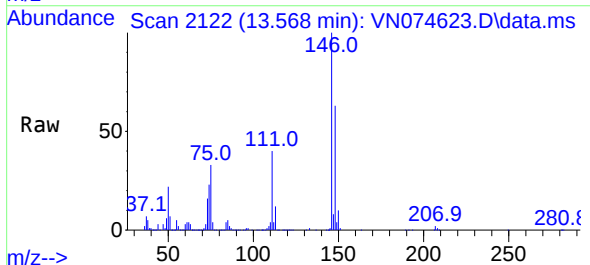
Tgt Ion:146 Resp: 433729  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.5 61.5  
148 62.0 31.0 93.0

Manual Integrations  
APPROVED

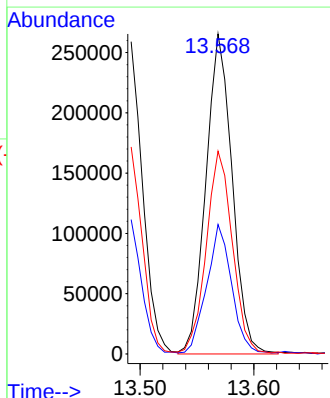
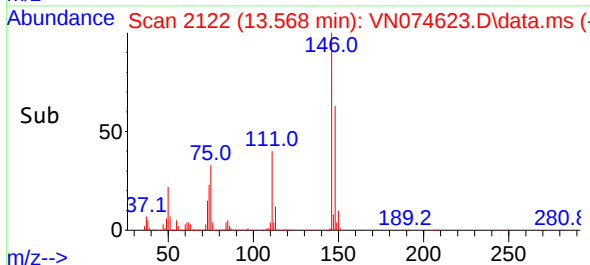
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

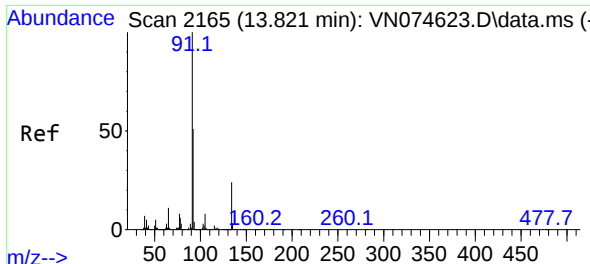


#84  
1,4-Dichlorobenzene  
Concen: 16.315 ug/l  
RT: 13.568 min Scan# 2122  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



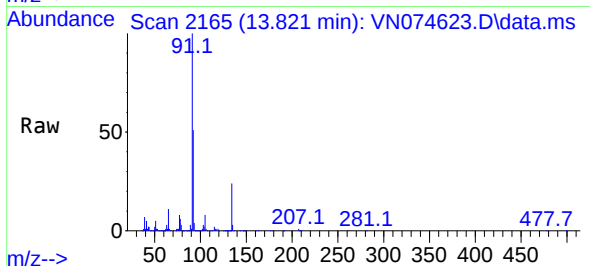
Tgt Ion:146 Resp: 426209  
Ion Ratio Lower Upper  
146 100  
111 38.3 19.1 57.5  
148 63.4 31.7 95.1





#85  
n-Butylbenzene  
Concen: 16.410 ug/l  
RT: 13.821 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

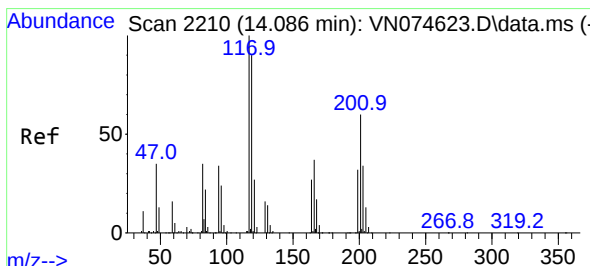
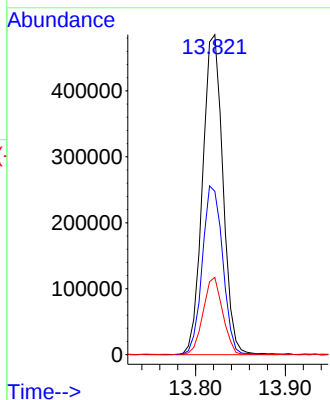
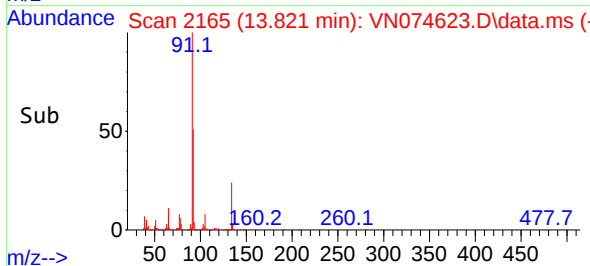
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020



Tgt Ion: 91 Resp: 765094  
Ion Ratio Lower Upper  
91 100  
92 52.7 0.0 105.4  
134 23.2 0.0 46.4

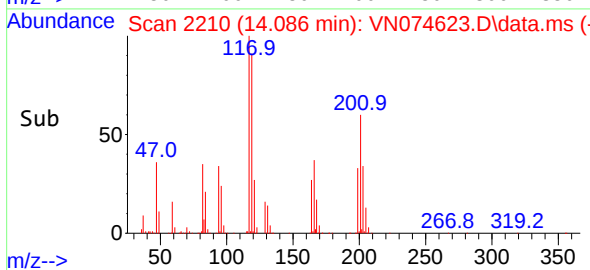
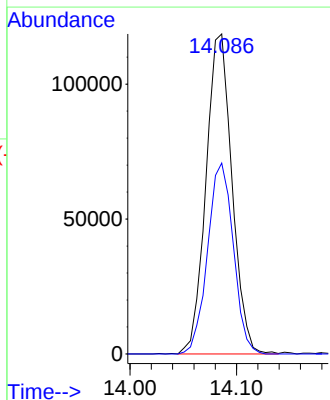
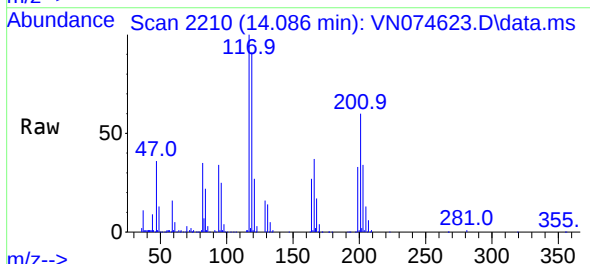
Manual Integrations  
APPROVED

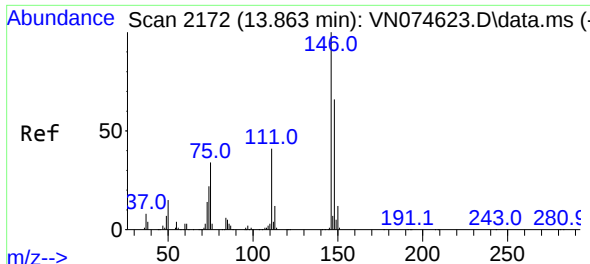
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#86  
Hexachloroethane  
Concen: 19.143 ug/l  
RT: 14.086 min Scan# 2210  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Tgt Ion:117 Resp: 201503  
Ion Ratio Lower Upper  
117 100  
201 58.9 29.4 88.3





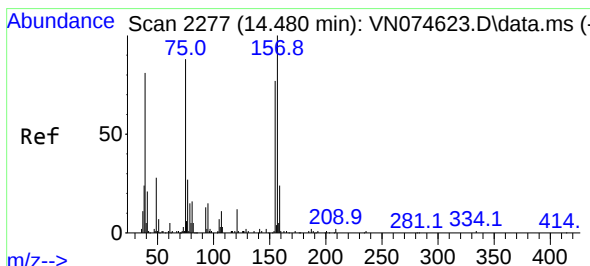
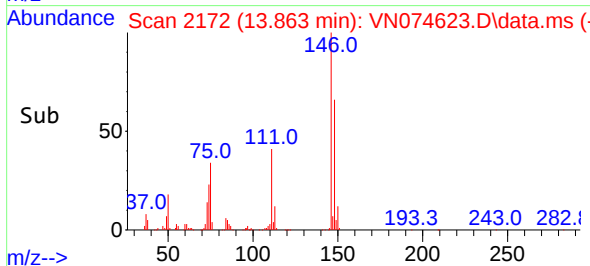
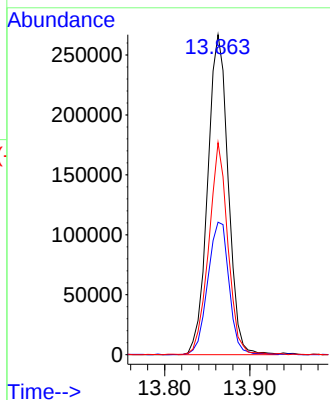
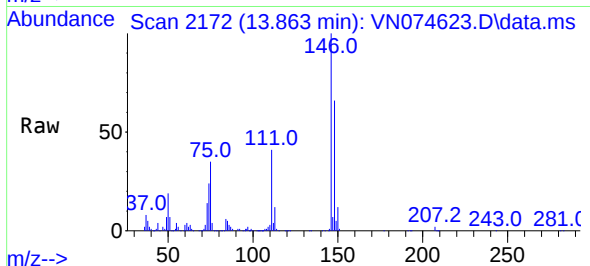
#87  
1,2-Dichlorobenzene  
Concen: 16.625 ug/l  
RT: 13.863 min Scan# 2172  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:146 Resp: 446679  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.4 64.2  
148 61.3 30.6 92.0

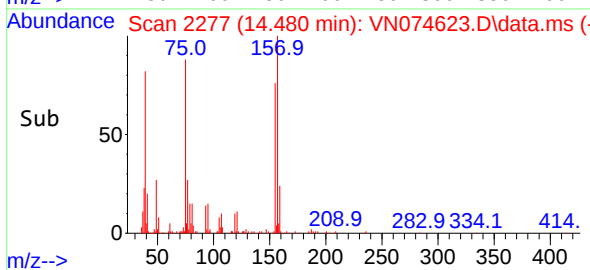
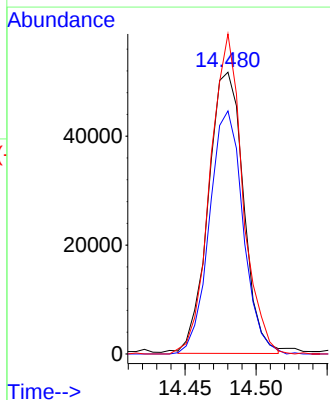
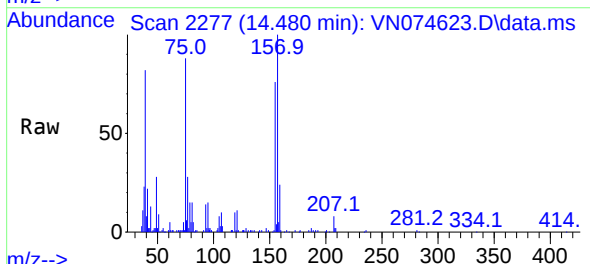
Manual Integrations  
APPROVED

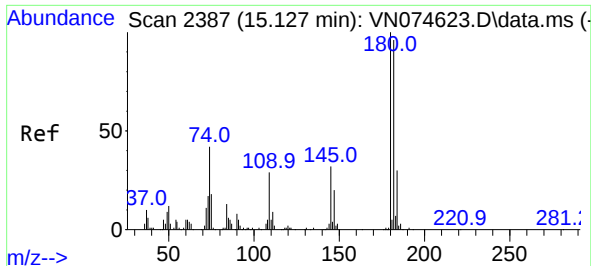
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 18.788 ug/l  
RT: 14.480 min Scan# 2277  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

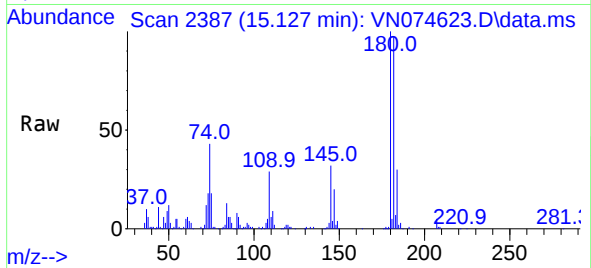
Tgt Ion: 75 Resp: 88849  
Ion Ratio Lower Upper  
75 100  
155 82.9 66.3 99.5  
157 105.4 84.3 126.5





#89  
1,2,4-Trichlorobenzene  
Concen: 17.868 ug/l  
RT: 15.127 min Scan# 2387  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

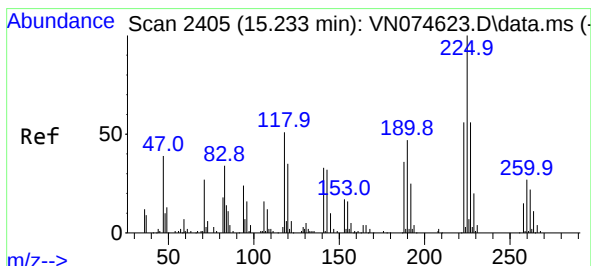
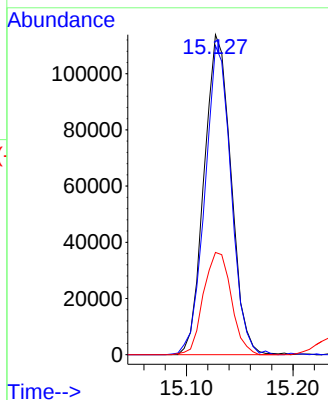
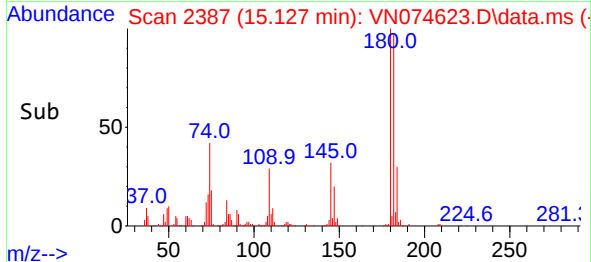
Instrument :  
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ClientSampleId :  
VSTDICCC020



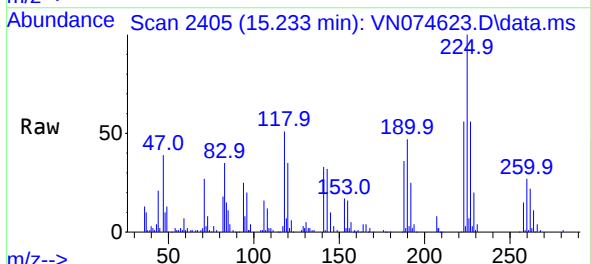
Tgt Ion:180 Resp: 20022  
Ion Ratio Lower Upper  
180 100  
182 93.6 74.9 112.3  
145 32.9 26.3 39.5

Manual Integrations  
APPROVED

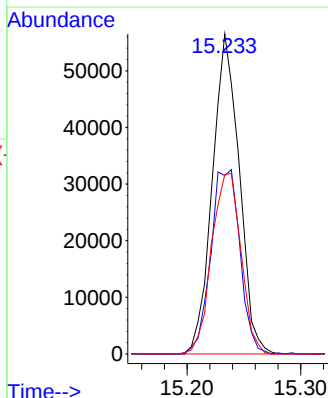
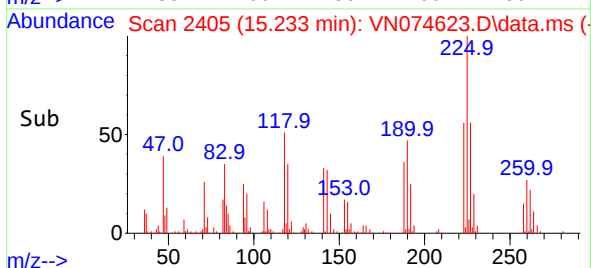
Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022

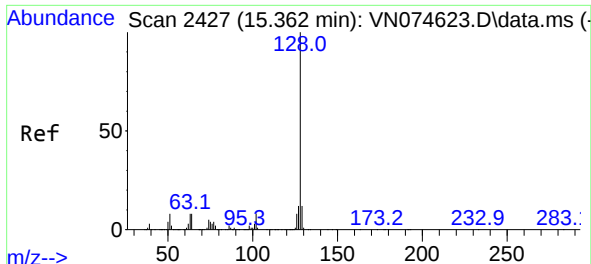


#90  
Hexachlorobutadiene  
Concen: 18.786 ug/l  
RT: 15.233 min Scan# 2405  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28



Tgt Ion:225 Resp: 92753  
Ion Ratio Lower Upper  
225 100  
223 62.5 0.0 125.0  
227 61.5 0.0 123.0





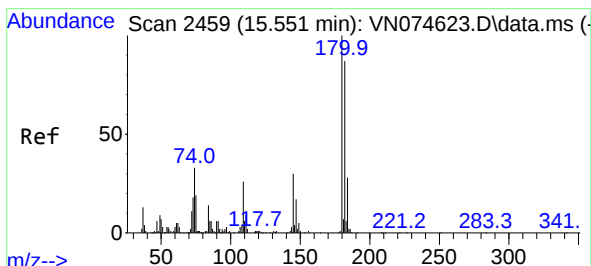
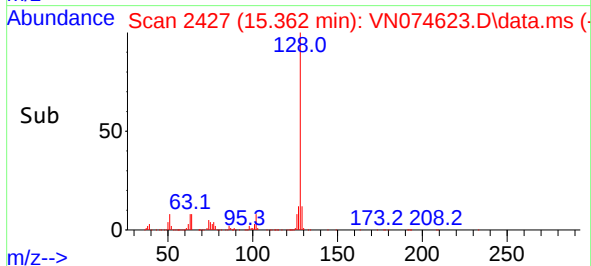
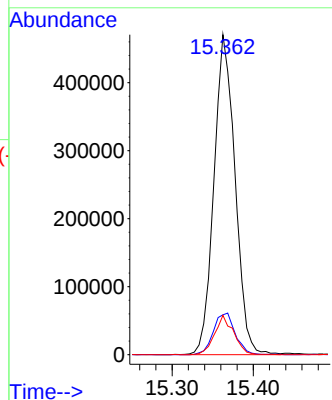
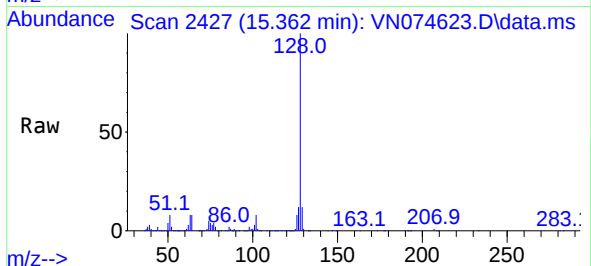
#91  
Naphthalene  
Concen: 18.100 ug/l  
RT: 15.362 min Scan# 2427  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDICCC020

Tgt Ion:128 Resp: 850940  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.7 16.1  
129 11.1 8.9 13.3

Manual Integrations  
APPROVED

Reviewed By :John Carlone 09/28/2022  
Supervised By :Mahesh Dadoda 09/28/2022



#92  
1,2,3-Trichlorobenzene  
Concen: 18.203 ug/l  
RT: 15.551 min Scan# 2459  
Delta R.T. 0.000 min  
Lab File: VN074623.D  
Acq: 27 Sep 2022 12:28

Tgt Ion:180 Resp: 204498  
Ion Ratio Lower Upper  
180 100  
182 92.7 0.0 185.4  
145 34.3 0.0 68.6

