

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN061422\  
 Data File : VN072846.D  
 Acq On : 14 Jun 2022 21:49  
 Operator : JC\MD  
 Sample : VN0614WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

Quant Time: Jun 15 04:35:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 15 04:13:32 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|------------------------------|--------|-------|----------|----------|------------|----------|
| -----                        |        |       |          |          |            |          |
| Internal Standards           |        |       |          |          |            |          |
| 1) Pentafluorobenzene        | 8.081  | 168   | 280990   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.963  | 114   | 515875   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5         | 11.745 | 117   | 455850   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.674 | 152   | 164905   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds  |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4    | 8.434  | 65    | 233022   | 53.545   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 61 - 141 | Recovery | = 107.100% |          |
| 35) Dibromofluoromethane     | 8.016  | 113   | 171810   | 53.793   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 69 - 133 | Recovery | = 107.580% |          |
| 50) Toluene-d8               | 10.439 | 98    | 678583   | 53.836   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 65 - 126 | Recovery | = 107.680% |          |
| 62) 4-Bromofluorobenzene     | 12.727 | 95    | 222930   | 52.688   | ug/l       | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 135 | Recovery | = 105.380% |          |
| Target Compounds             |        |       |          |          |            | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.069  | 85    | 45263    | 18.811   | ug/l       | 100      |
| 3) Chloromethane             | 2.293  | 50    | 51906    | 20.481   | ug/l       | 96       |
| 4) Vinyl Chloride            | 2.434  | 62    | 42615    | 20.304   | ug/l       | 99       |
| 5) Bromomethane              | 2.834  | 94    | 20136    | 20.731   | ug/l       | 92       |
| 6) Chloroethane              | 3.004  | 64    | 27784    | 19.974   | ug/l       | 99       |
| 7) Trichlorofluoromethane    | 3.363  | 101   | 88541    | 20.385   | ug/l       | 95       |
| 8) Diethyl Ether             | 3.822  | 74    | 40471    | 19.677   | ug/l       | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 4.199  | 101   | 50024    | 18.091   | ug/l       | 96       |
| 10) Methyl Iodide            | 4.416  | 142   | 40859    | 17.667   | ug/l       | 93       |
| 11) Tert butyl alcohol       | 5.369  | 59    | 102199   | 19.381   | ug/l       | 99       |
| 12) 1,1-Dichloroethene       | 4.175  | 96    | 49312    | 19.025   | ug/l       | 97       |
| 13) Acrolein                 | 4.040  | 56    | 46809    | 94.657   | ug/l       | 94       |
| 14) Allyl chloride           | 4.834  | 41    | 109953   | 18.379   | ug/l #     | 94       |
| 15) Acrylonitrile            | 5.545  | 53    | 251494   | 98.659   | ug/l       | 98       |
| 16) Acetone                  | 4.281  | 43    | 232446   | 95.568   | ug/l       | 94       |
| 17) Carbon Disulfide         | 4.528  | 76    | 91678    | 19.255   | ug/l       | 100      |
| 18) Methyl Acetate           | 4.851  | 43    | 126646   | 20.474   | ug/l       | 90       |
| 19) Methyl tert-butyl Ether  | 5.610  | 73    | 218958   | 19.933   | ug/l       | 98       |
| 20) Methylene Chloride       | 5.087  | 84    | 65175    | 19.986   | ug/l       | 89       |
| 21) trans-1,2-Dichloroethene | 5.598  | 96    | 51037    | 20.121   | ug/l       | 94       |
| 22) Diisopropyl ether        | 6.487  | 45    | 249125   | 20.207   | ug/l #     | 95       |
| 23) Vinyl Acetate            | 6.428  | 43    | 1071185  | 100.659  | ug/l       | 95       |
| 24) 1,1-Dichloroethane       | 6.387  | 63    | 118454   | 19.403   | ug/l       | 99       |
| 25) 2-Butanone               | 7.328  | 43    | 377398   | 97.921   | ug/l       | 91       |
| 26) 2,2-Dichloropropane      | 7.322  | 77    | 77825    | 17.085   | ug/l       | 98       |
| 27) cis-1,2-Dichloroethene   | 7.322  | 96    | 71338    | 19.888   | ug/l       | 96       |
| 28) Bromochloromethane       | 7.657  | 49    | 56878    | 19.542   | ug/l #     | 80       |
| 29) Tetrahydrofuran          | 7.681  | 42    | 238994   | 97.147   | ug/l       | 88       |
| 30) Chloroform               | 7.816  | 83    | 122055   | 19.898   | ug/l       | 99       |
| 31) Cyclohexane              | 8.092  | 56    | 99036    | 20.352   | ug/l       | 98       |
| 32) 1,1,1-Trichloroethane    | 8.016  | 97    | 101003   | 19.723   | ug/l       | 97       |
| 36) 1,1-Dichloropropene      | 8.222  | 75    | 78582    | 18.422   | ug/l       | 98       |
| 37) Ethyl Acetate            | 7.410  | 43    | 143776   | 19.978   | ug/l #     | 94       |
| 38) Carbon Tetrachloride     | 8.198  | 117   | 80914    | 19.002   | ug/l       | 97       |
| 39) Methylcyclohexane        | 9.457  | 83    | 91879    | 18.973   | ug/l       | 93       |
| 40) Benzene                  | 8.457  | 78    | 262838   | 19.492   | ug/l       | 98       |

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 Acq On : 14 Jun 2022 21:49  
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 Sample : VN0614WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

Quant Time: Jun 15 04:35:48 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061422W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 15 04:13:32 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 41) Methacrylonitrile         | 7.634  | 41   | 73042    | 19.796  | ug/l  | # 83     |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 104624   | 20.043  | ug/l  | 97       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 211856   | 19.980  | ug/l  | 93       |
| 44) Trichloroethene           | 9.216  | 130  | 63598    | 19.406  | ug/l  | 99       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 72183    | 19.230  | ug/l  | 98       |
| 46) Dibromomethane            | 9.575  | 93   | 49091    | 20.306  | ug/l  | 87       |
| 47) Bromodichloromethane      | 9.757  | 83   | 98420    | 20.070  | ug/l  | # 99     |
| 48) Methyl methacrylate       | 9.557  | 41   | 95888    | 18.969  | ug/l  | 90       |
| 49) 1,4-Dioxane               | 9.569  | 88   | 40698    | 396.949 | ug/l  | # 93     |
| 51) 4-Methyl-2-Pentanone      | 10.328 | 43   | 744240   | 102.406 | ug/l  | 91       |
| 52) Toluene                   | 10.504 | 92   | 167768   | 20.029  | ug/l  | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 97119    | 19.712  | ug/l  | 95       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 104997   | 19.417  | ug/l  | # 85     |
| 55) 1,1,2-Trichloroethane     | 10.898 | 97   | 73073    | 19.372  | ug/l  | 93       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 125623   | 19.967  | ug/l  | # 83     |
| 57) 1,3-Dichloropropane       | 11.045 | 76   | 127027   | 19.545  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 259909   | 103.552 | ug/l  | 93       |
| 59) 2-Hexanone                | 11.080 | 43   | 548826   | 100.583 | ug/l  | 89       |
| 60) Dibromochloromethane      | 11.233 | 129  | 71156    | 20.022  | ug/l  | 99       |
| 61) 1,2-Dibromoethane         | 11.345 | 107  | 74287    | 20.068  | ug/l  | 99       |
| 64) Tetrachloroethene         | 10.975 | 164  | 57717    | 19.736  | ug/l  | 96       |
| 65) Chlorobenzene             | 11.769 | 112  | 176724   | 19.683  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 67977    | 19.851  | ug/l  | 99       |
| 67) Ethyl Benzene             | 11.839 | 91   | 316731   | 19.540  | ug/l  | 98       |
| 68) m/p-Xylenes               | 11.951 | 106  | 230174   | 40.096  | ug/l  | 94       |
| 69) o-Xylene                  | 12.280 | 106  | 119179   | 19.618  | ug/l  | 93       |
| 70) Styrene                   | 12.292 | 104  | 186762   | 20.401  | ug/l  | 97       |
| 71) Bromoform                 | 12.457 | 173  | 49483    | 19.915  | ug/l  | # 99     |
| 73) Isopropylbenzene          | 12.574 | 105  | 309312   | 20.404  | ug/l  | 100      |
| 74) N-amyl acetate            | 12.386 | 43   | 148227   | 20.277  | ug/l  | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.827 | 83   | 114772   | 20.082  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane    | 12.880 | 75   | 141700   | 29.790  | ug/l  | # 1      |
| 77) Bromobenzene              | 12.857 | 156  | 66818    | 19.438  | ug/l  | 81       |
| 78) n-propylbenzene           | 12.916 | 91   | 332379   | 20.099  | ug/l  | 98       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 216147   | 20.039  | ug/l  | 95       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 246320   | 20.453  | ug/l  | 97       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 28288    | 18.495  | ug/l  | # 86     |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 192750   | 19.520  | ug/l  | 97       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 218823   | 20.109  | ug/l  | 93       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 241173   | 20.695  | ug/l  | 97       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 304080   | 20.908  | ug/l  | 97       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 228895   | 20.196  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 112212   | 20.062  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 110084   | 19.446  | ug/l  | 96       |
| 89) n-Butylbenzene            | 13.939 | 91   | 180812   | 19.834  | ug/l  | 98       |
| 90) Hexachloroethane          | 14.210 | 117  | 45382    | 20.167  | ug/l  | 84       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 116145   | 20.270  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 22948    | 20.098  | ug/l  | 85       |
| 93) 1,2,4-Trichlorobenzene    | 15.262 | 180  | 54451    | 20.096  | ug/l  | 96       |
| 94) Hexachlorobutadiene       | 15.368 | 225  | 24254    | 19.414  | ug/l  | 98       |
| 95) Naphthalene               | 15.504 | 128  | 205126   | 19.777  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 56988    | 20.471  | ug/l  | 98       |

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Acq On : 14 Jun 2022 21:49  
Operator : JC\MD  
Sample : VN0614WBS01  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 24 Sample Multiplier: 1

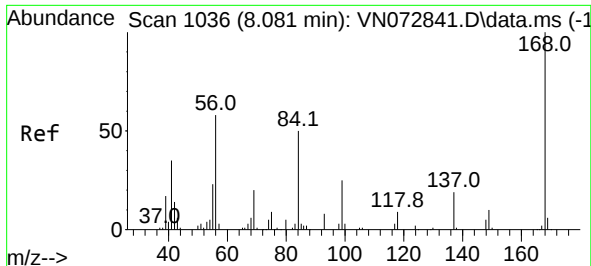
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

Quant Time: Jun 15 04:35:48 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N061422W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 15 04:13:32 2022  
Response via : Initial Calibration

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

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

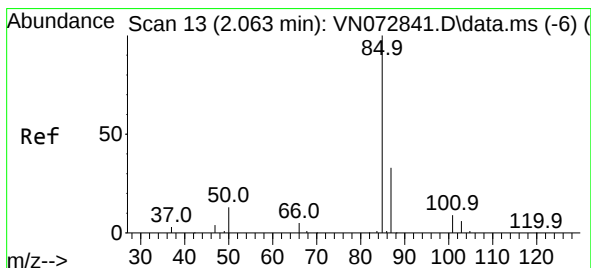
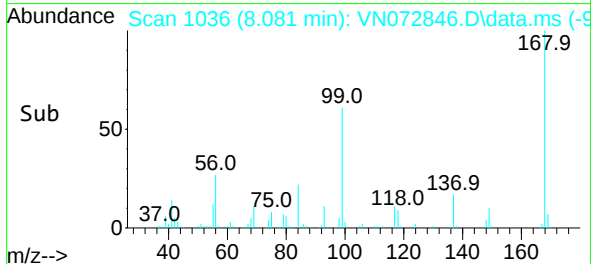
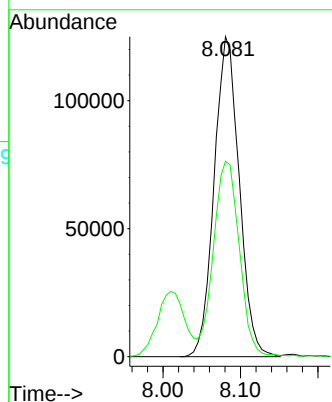
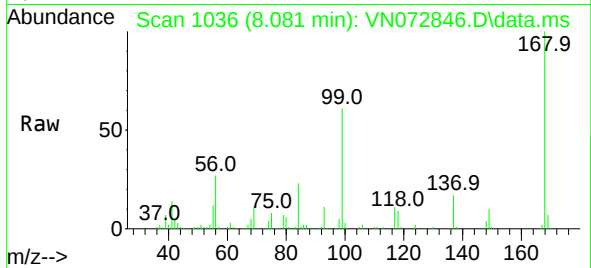




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

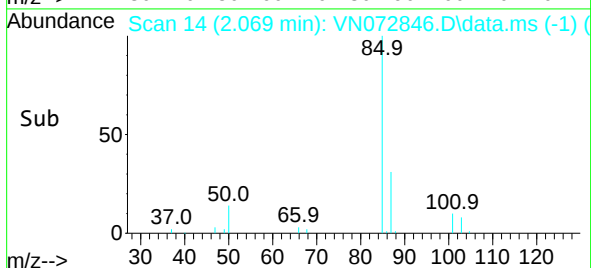
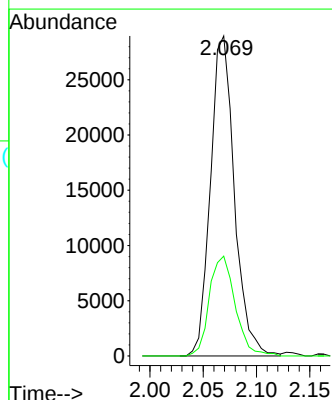
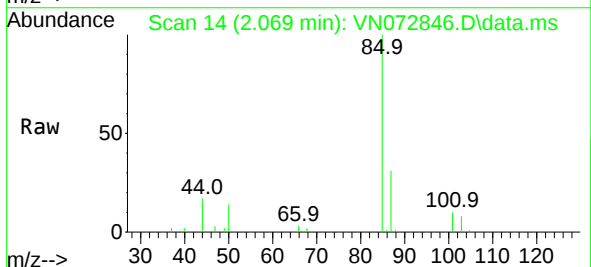
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

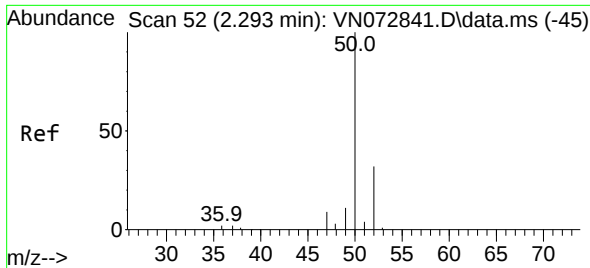
Tgt Ion:168 Resp: 280990  
Ion Ratio Lower Upper  
168 100  
99 60.8 42.3 63.5



#2  
Dichlorodifluoromethane  
Concen: 18.811 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 85 Resp: 45263  
Ion Ratio Lower Upper  
85 100  
87 31.2 15.7 47.1

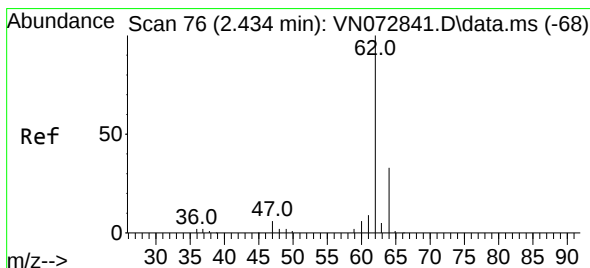
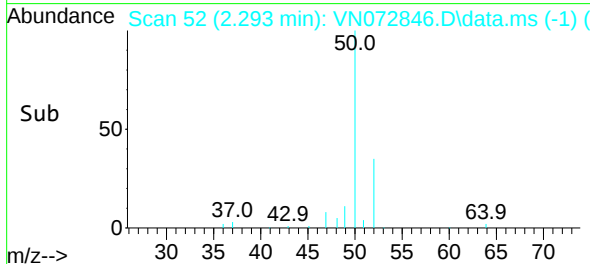
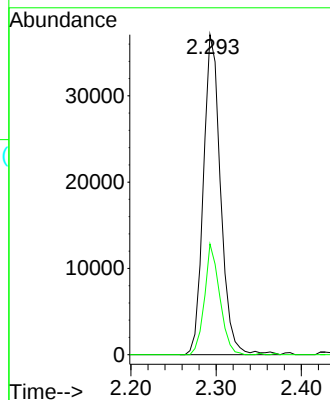
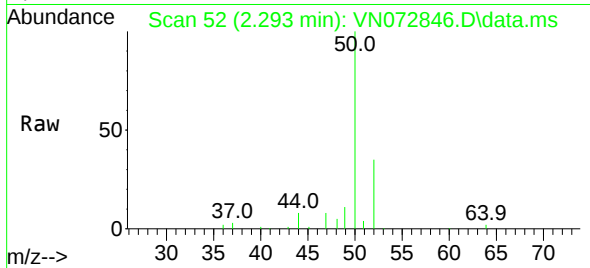




#3  
Chloromethane  
Concen: 20.481 ug/l  
RT: 2.293 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

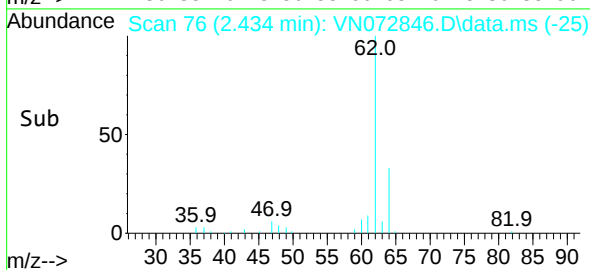
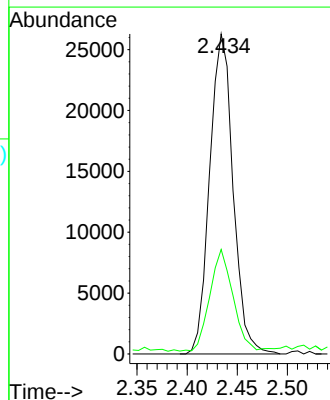
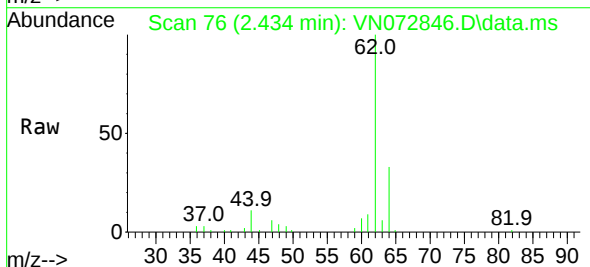
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

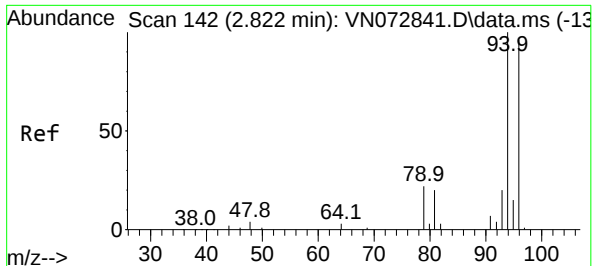
Tgt Ion: 50 Resp: 51906  
Ion Ratio Lower Upper  
50 100  
52 34.6 25.7 38.5



#4  
Vinyl Chloride  
Concen: 20.304 ug/l  
RT: 2.434 min Scan# 76  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 62 Resp: 42615  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.0 37.4

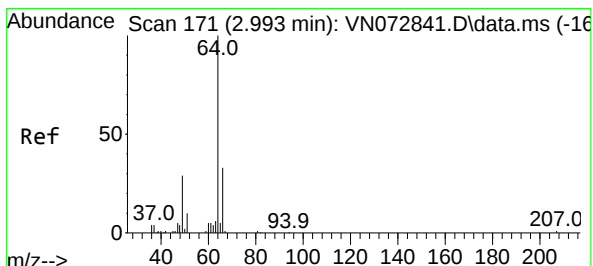
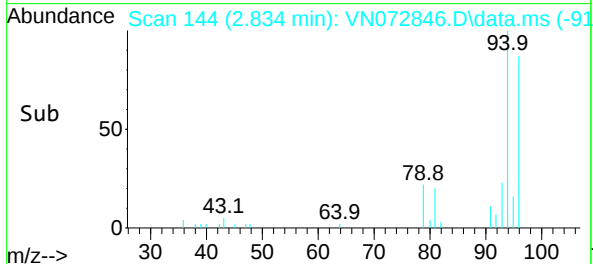
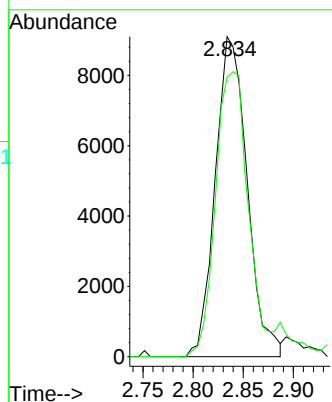
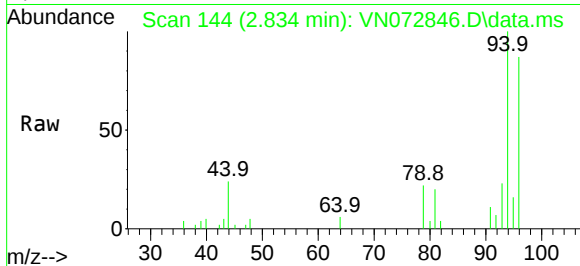




#5  
Bromomethane  
Concen: 20.731 ug/l  
RT: 2.834 min Scan# 14  
Delta R.T. 0.012 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

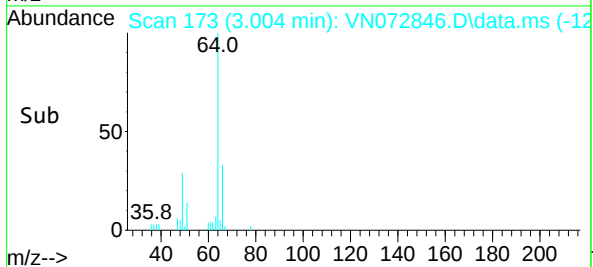
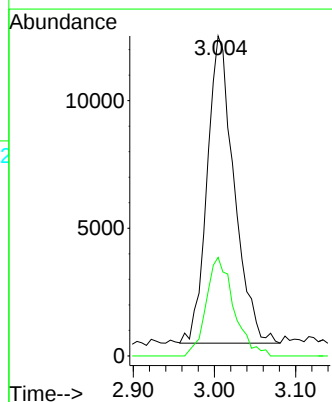
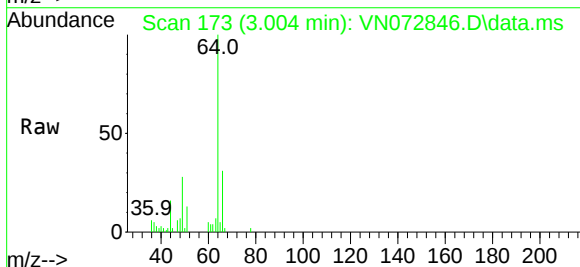
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

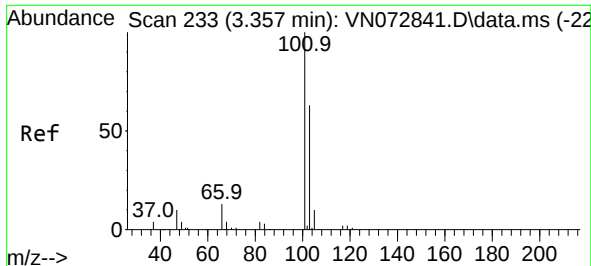
Tgt Ion: 94 Resp: 20136  
Ion Ratio Lower Upper  
94 100  
96 87.3 76.0 114.0



#6  
Chloroethane  
Concen: 19.974 ug/l  
RT: 3.004 min Scan# 173  
Delta R.T. 0.011 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 64 Resp: 27784  
Ion Ratio Lower Upper  
64 100  
66 32.1 26.2 39.4

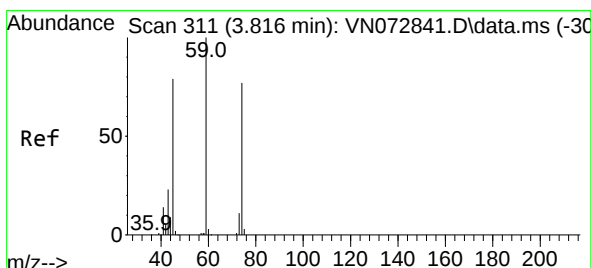
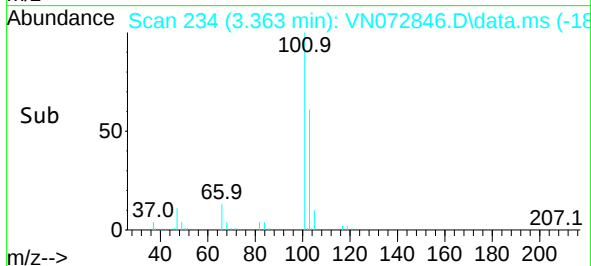
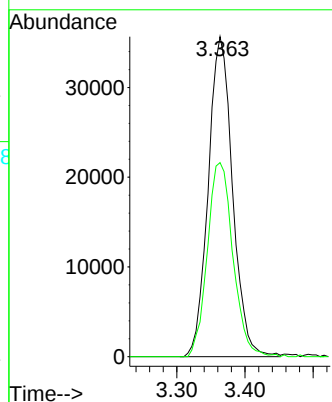
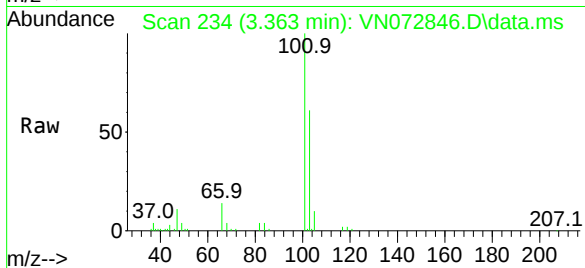




#7  
 Trichlorofluoromethane  
 Concen: 20.385 ug/l  
 RT: 3.363 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

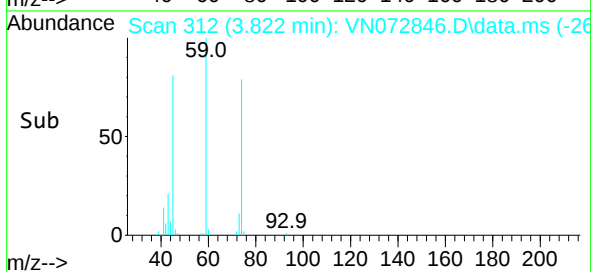
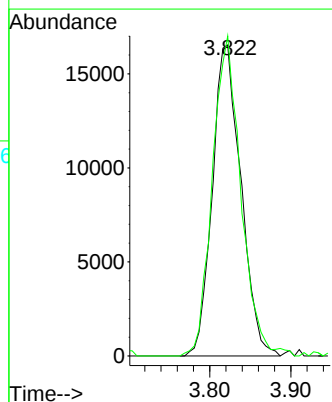
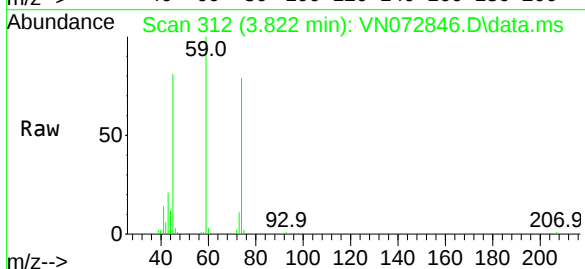
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

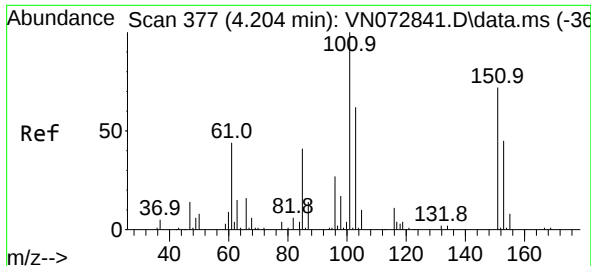
Tgt Ion:101 Resp: 88541  
 Ion Ratio Lower Upper  
 101 100  
 103 60.7 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 19.677 ug/l  
 RT: 3.822 min Scan# 312  
 Delta R.T. 0.006 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

Tgt Ion: 74 Resp: 40471  
 Ion Ratio Lower Upper  
 74 100  
 45 102.8 42.9 128.5

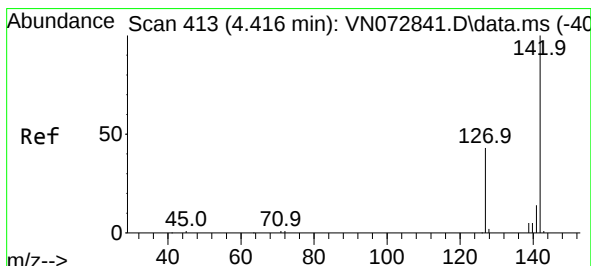
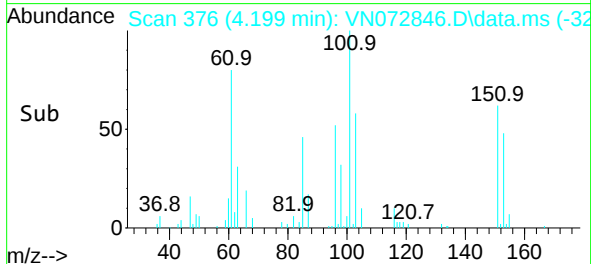
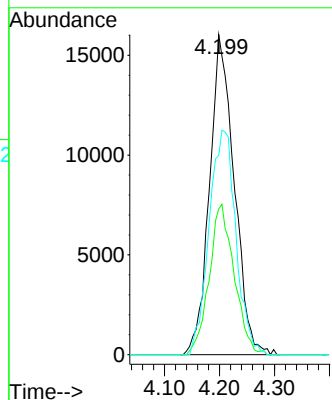
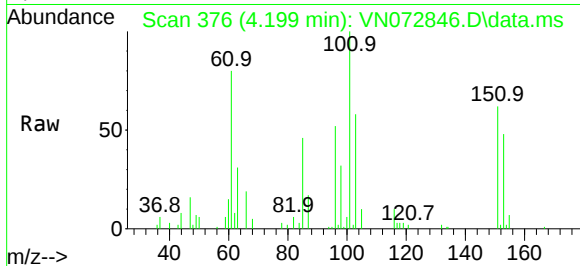




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.091 ug/l  
RT: 4.199 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

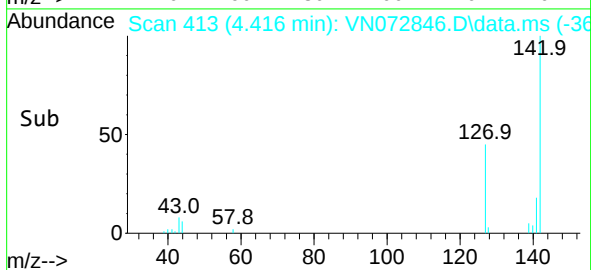
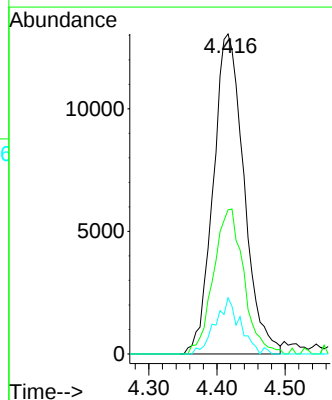
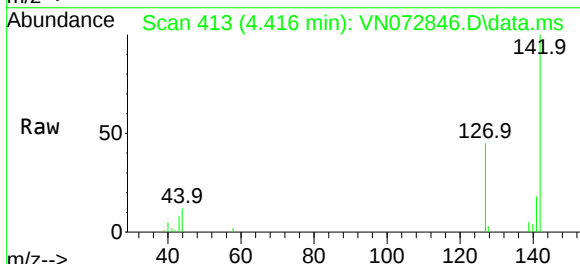
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

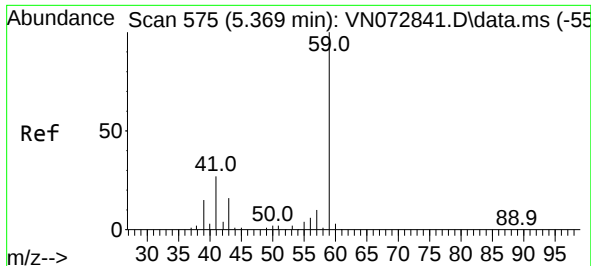
Tgt Ion:101 Resp: 50024  
Ion Ratio Lower Upper  
101 100  
85 47.6 34.7 52.1  
151 76.2 63.0 94.4



#10  
Methyl Iodide  
Concen: 17.667 ug/l  
RT: 4.416 min Scan# 413  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion:142 Resp: 40859  
Ion Ratio Lower Upper  
142 100  
127 44.7 31.3 46.9  
141 14.1 11.2 16.8

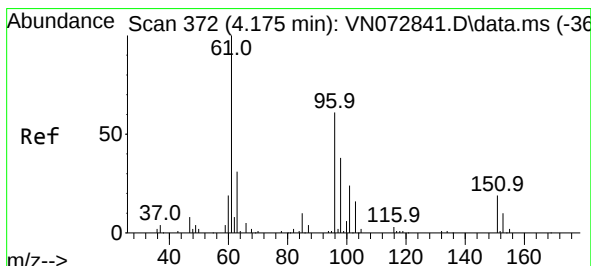
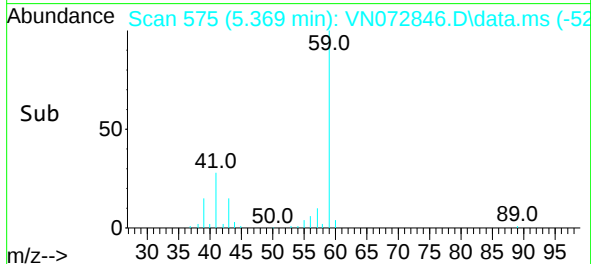
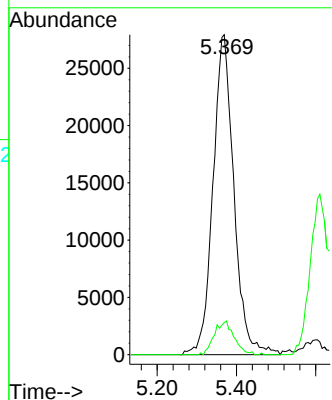
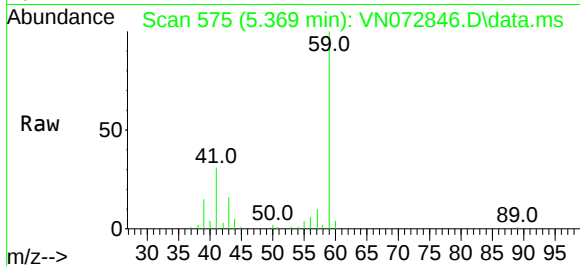




#11  
Tert butyl alcohol  
Concen: 19.381 ug/l  
RT: 5.369 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

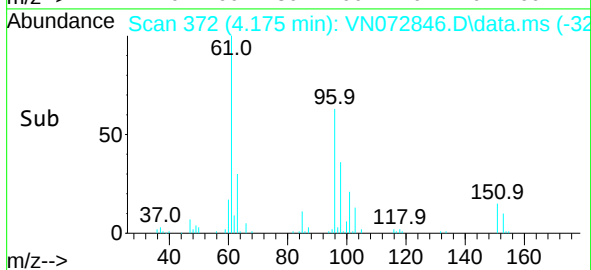
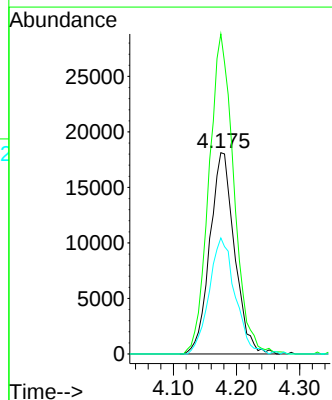
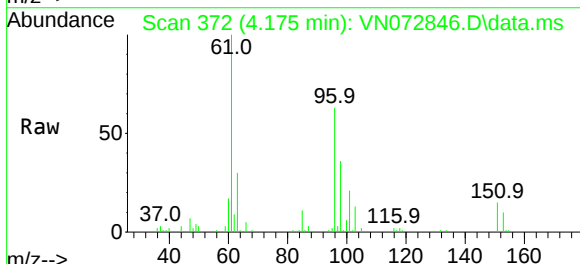
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

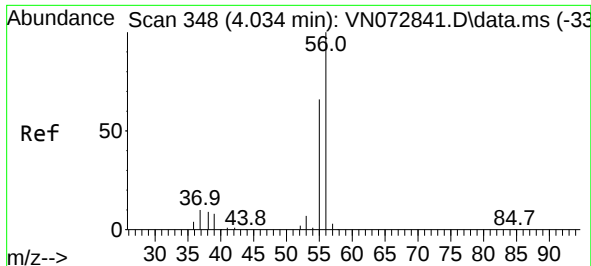
Tgt Ion: 59 Resp: 102199  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 19.025 ug/l  
RT: 4.175 min Scan# 372  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 96 Resp: 49312  
Ion Ratio Lower Upper  
96 100  
61 159.0 127.6 191.4  
98 57.7 51.2 76.8

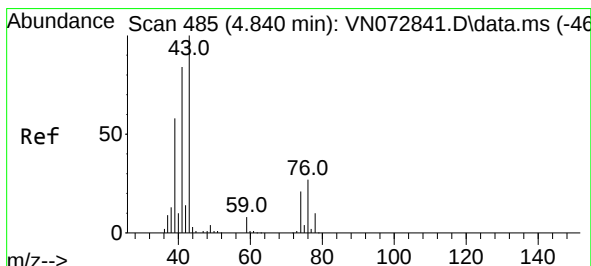
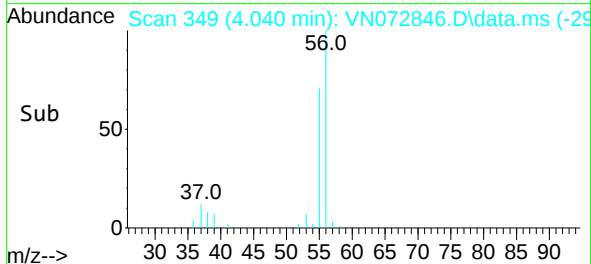
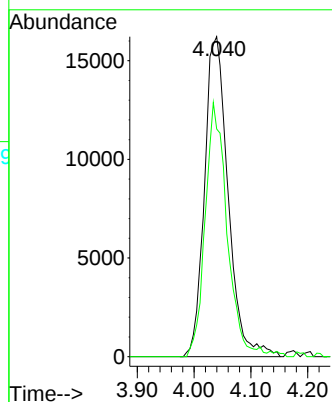
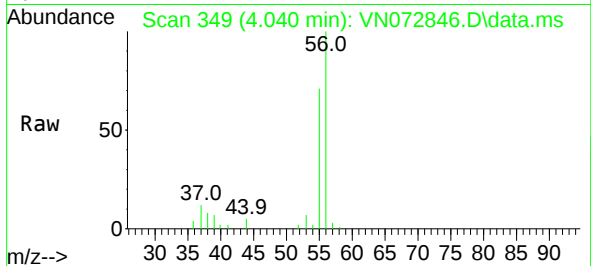




#13  
Acrolein  
Concen: 94.657 ug/l  
RT: 4.040 min Scan# 34  
Delta R.T. 0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

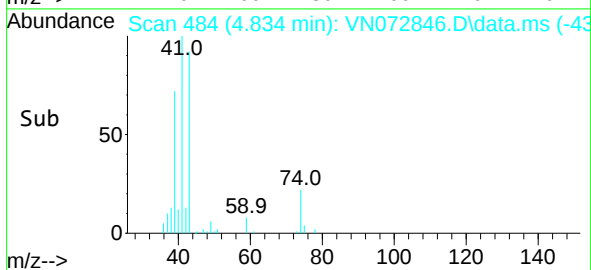
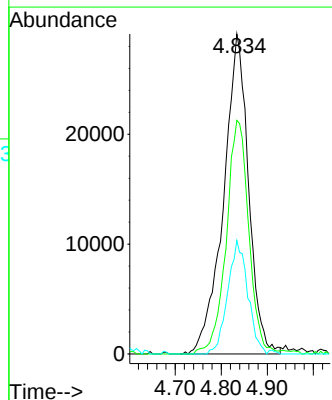
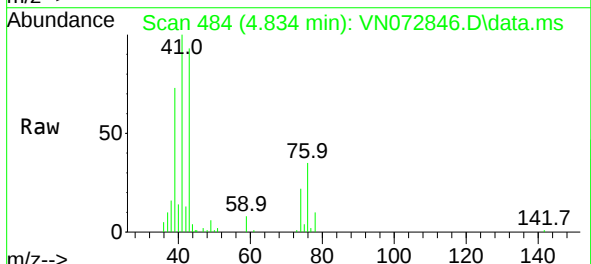
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

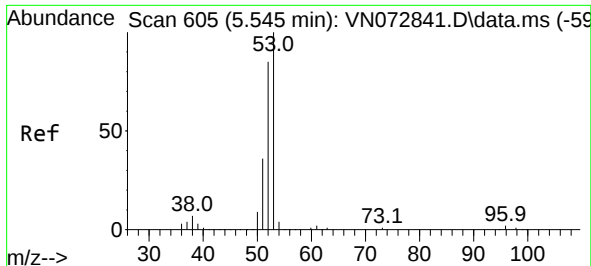
Tgt Ion: 56 Resp: 46809  
Ion Ratio Lower Upper  
56 100  
55 73.4 54.8 82.2



#14  
Allyl chloride  
Concen: 18.379 ug/l  
RT: 4.834 min Scan# 484  
Delta R.T. -0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

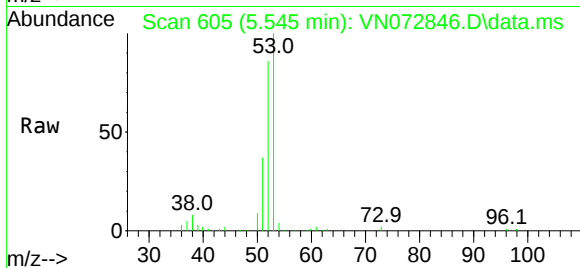
Tgt Ion: 41 Resp: 109953  
Ion Ratio Lower Upper  
41 100  
39 65.4 53.2 79.8  
76 28.3 29.9 44.9#



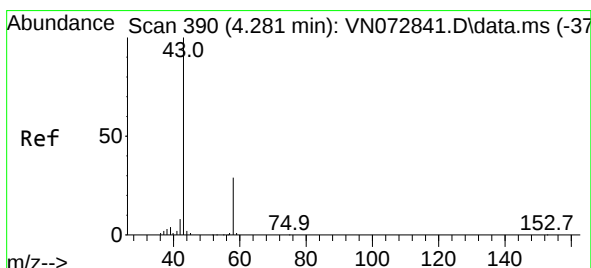
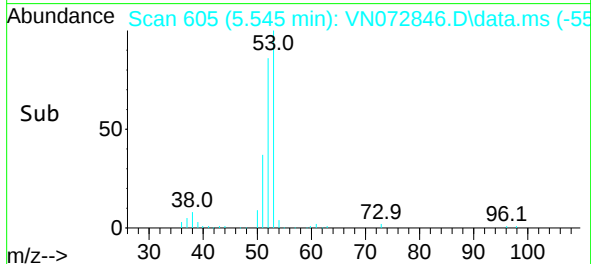
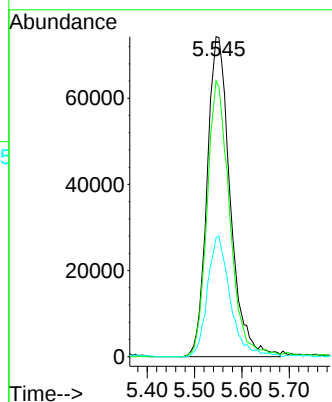


#15  
Acrylonitrile  
Concen: 98.659 ug/l  
RT: 5.545 min Scan# 605  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

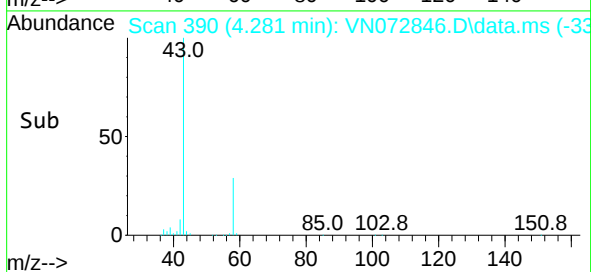
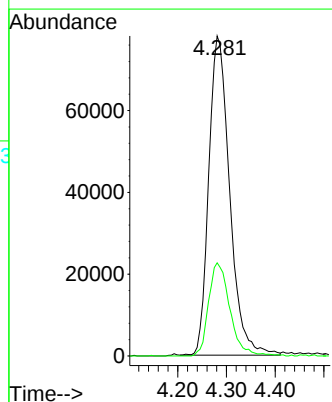
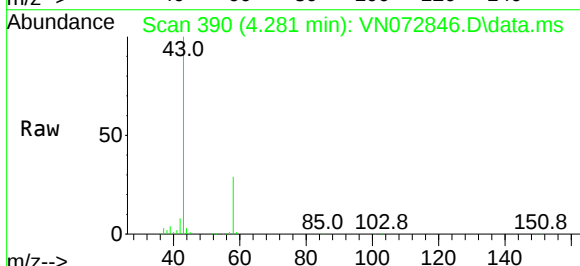


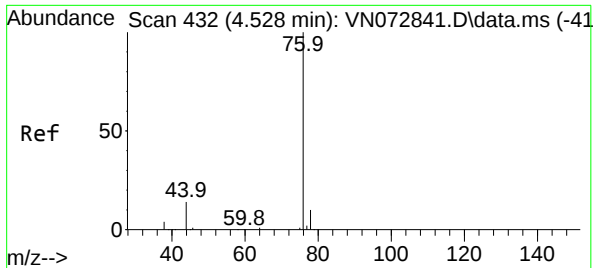
Tgt Ion: 53 Resp: 251494  
Ion Ratio Lower Upper  
53 100  
52 84.3 66.4 99.6  
51 37.2 28.5 42.7



#16  
Acetone  
Concen: 95.568 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 43 Resp: 232446  
Ion Ratio Lower Upper  
43 100  
58 29.2 26.0 39.0

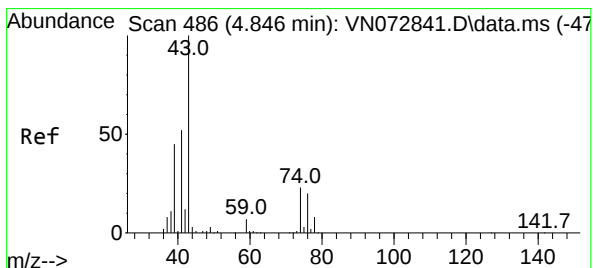
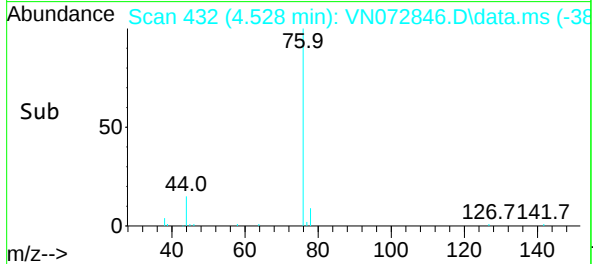
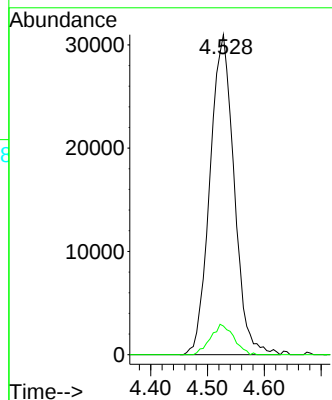
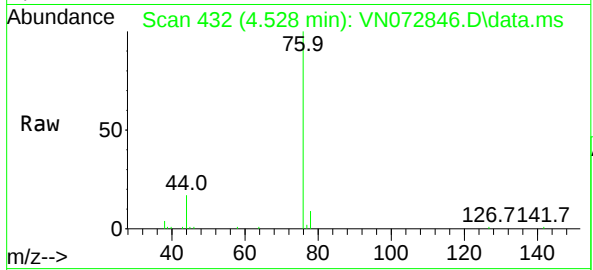




#17  
Carbon Disulfide  
Concen: 19.255 ug/l  
RT: 4.528 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

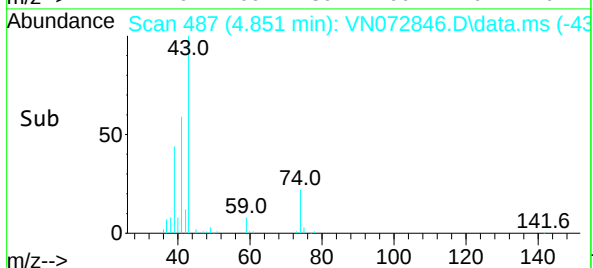
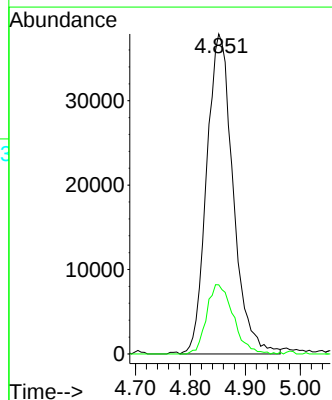
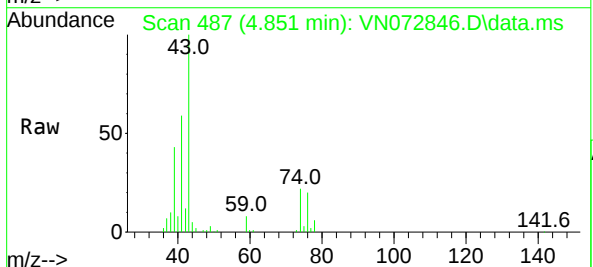
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

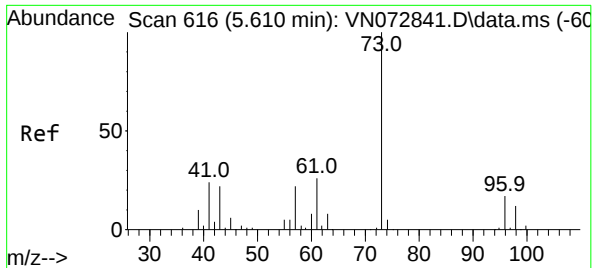
Tgt Ion: 76 Resp: 91678  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 20.474 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.005 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 43 Resp: 126646  
Ion Ratio Lower Upper  
43 100  
74 21.8 21.6 32.4

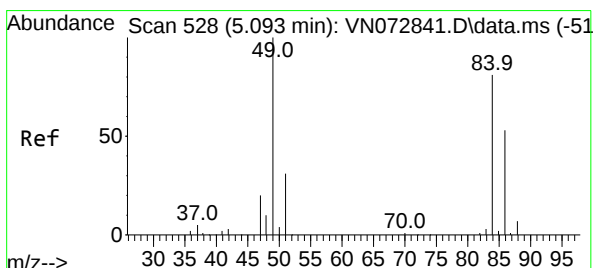
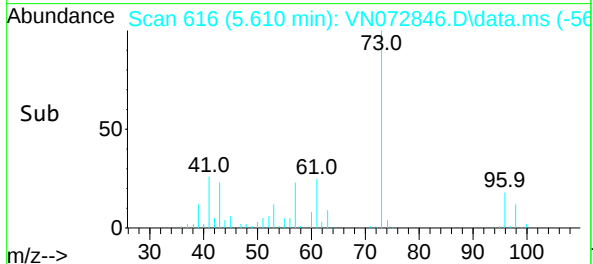
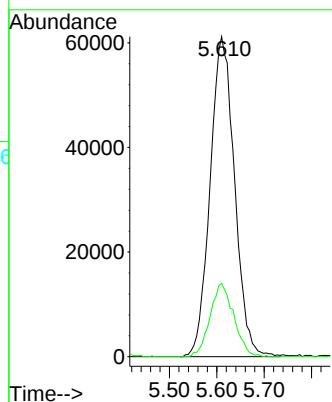
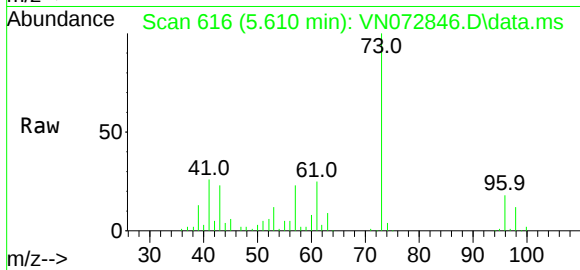




#19  
Methyl tert-butyl Ether  
Concen: 19.933 ug/l  
RT: 5.610 min Scan# 616  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

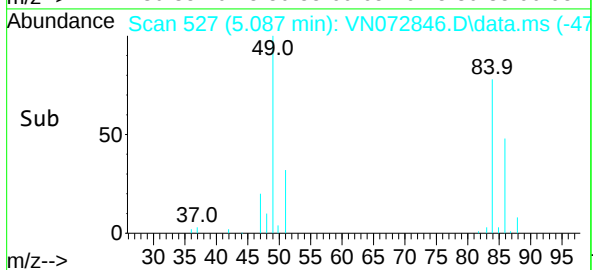
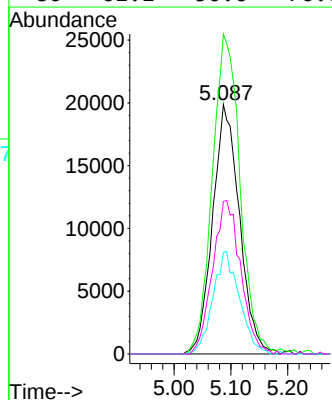
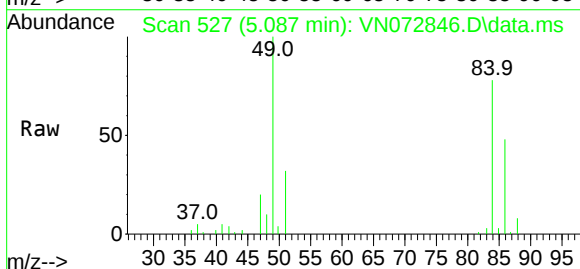
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

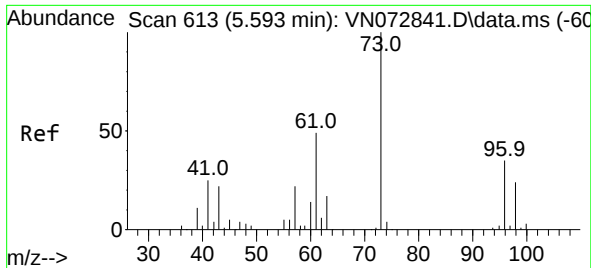
Tgt Ion: 73 Resp: 218958  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.6 26.4



#20  
Methylene Chloride  
Concen: 19.986 ug/l  
RT: 5.087 min Scan# 527  
Delta R.T. -0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 84 Resp: 65175  
Ion Ratio Lower Upper  
84 100  
49 128.3 88.3 132.5  
51 40.7 28.2 42.2  
86 61.1 50.6 76.0

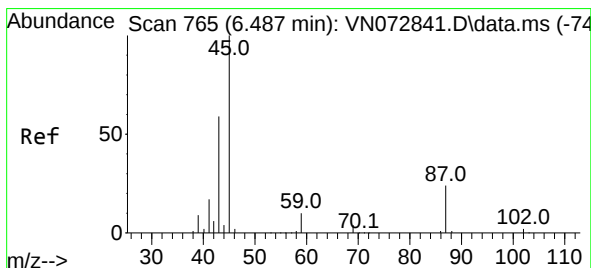
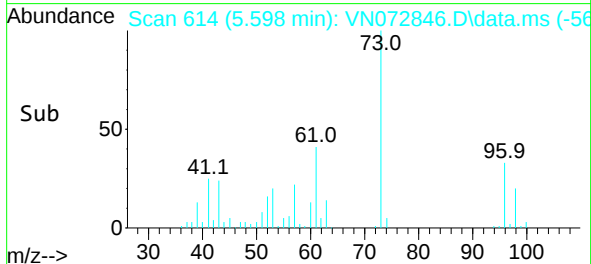
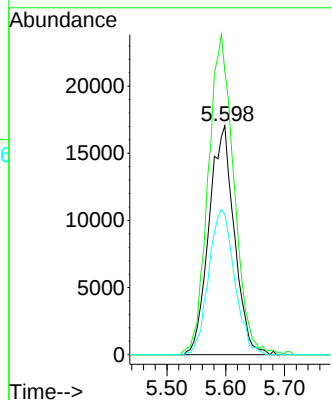
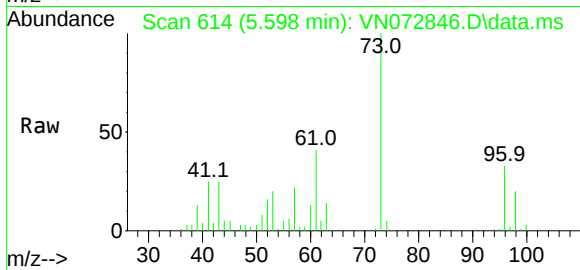




#21  
trans-1,2-Dichloroethene  
Concen: 20.121 ug/l  
RT: 5.598 min Scan# 613  
Delta R.T. 0.005 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

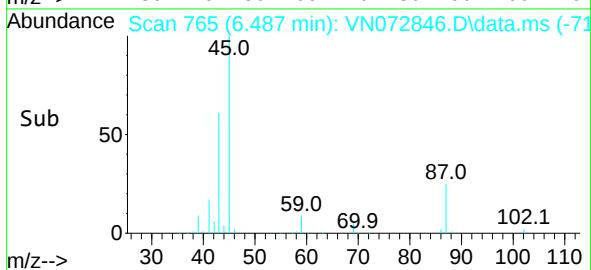
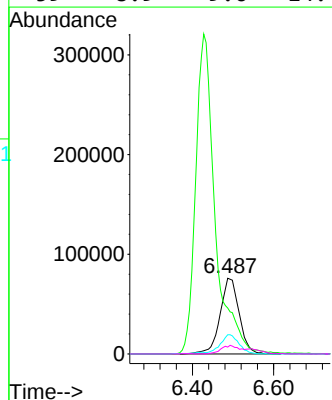
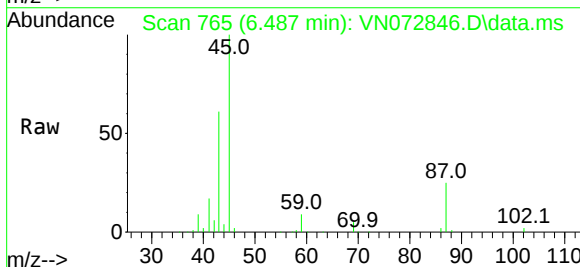
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

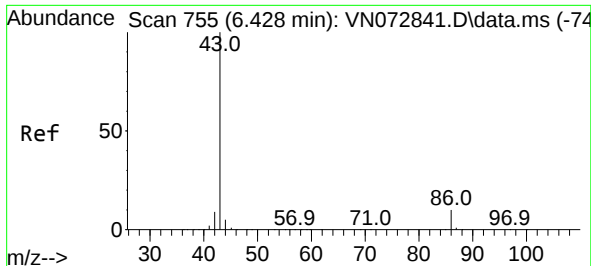
Tgt Ion: 96 Resp: 51037  
Ion Ratio Lower Upper  
96 100  
61 123.9 105.8 158.8  
98 61.3 50.3 75.5



#22  
Diisopropyl ether  
Concen: 20.207 ug/l  
RT: 6.487 min Scan# 765  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 45 Resp: 249125  
Ion Ratio Lower Upper  
45 100  
43 59.4 46.6 70.0  
87 25.3 24.3 36.5  
59 8.9 9.6 14.4#

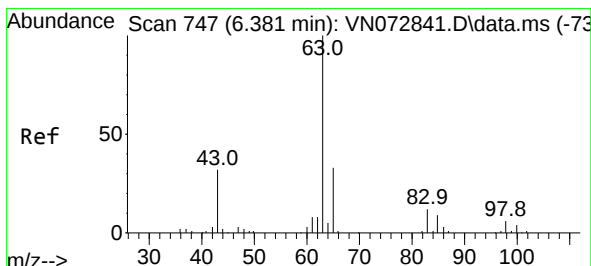
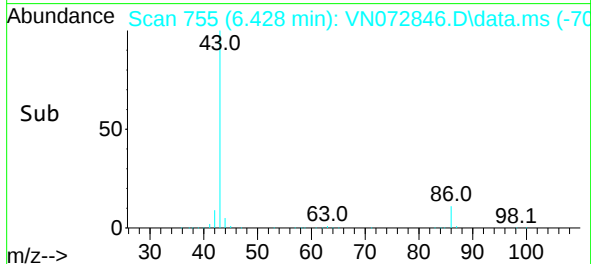
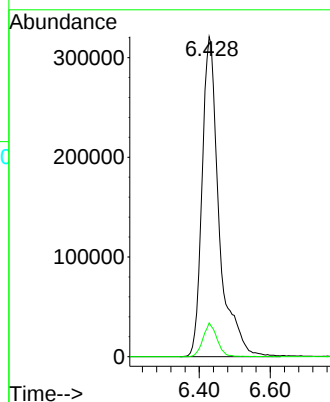
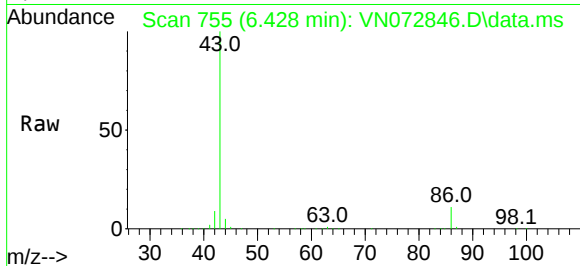




#23  
 Vinyl Acetate  
 Concen: 100.659 ug/l  
 RT: 6.428 min Scan# 755  
 Delta R.T. -0.000 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

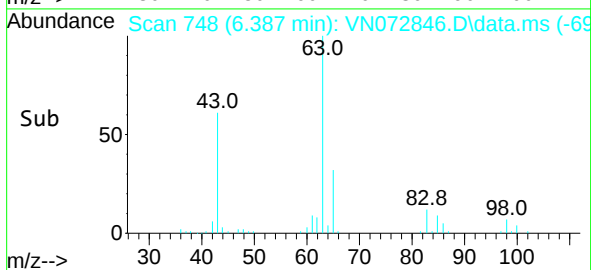
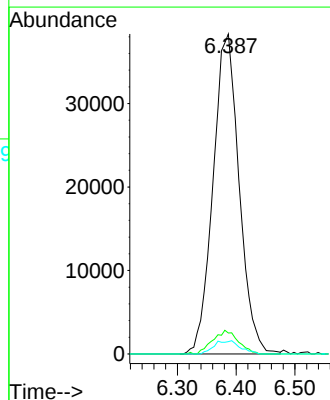
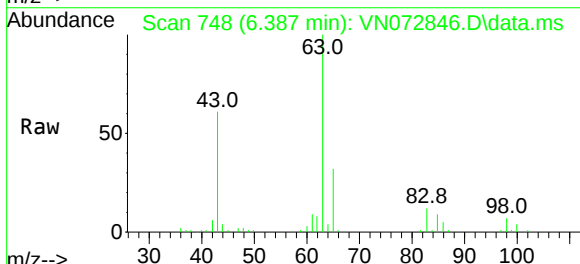
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

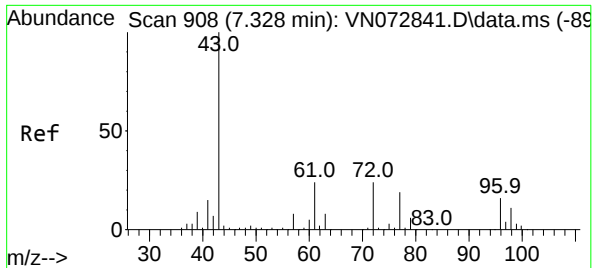
Tgt Ion: 43 Resp: 1071185  
 Ion Ratio Lower Upper  
 43 100  
 86 10.5 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 19.403 ug/l  
 RT: 6.387 min Scan# 748  
 Delta R.T. 0.006 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

Tgt Ion: 63 Resp: 118454  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.4  
 100 3.9 2.3 6.8

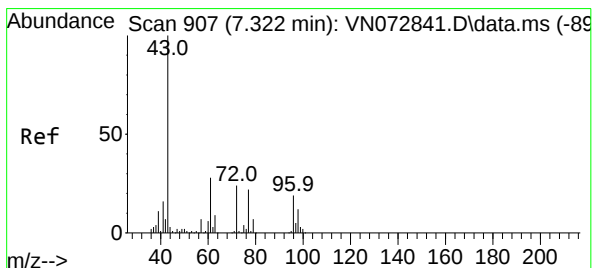
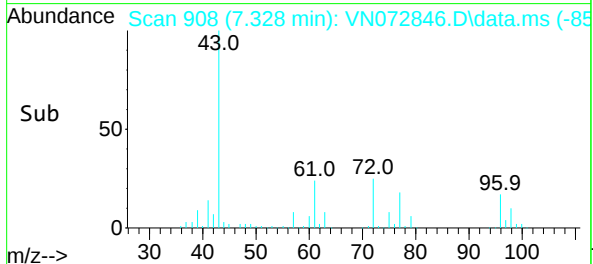
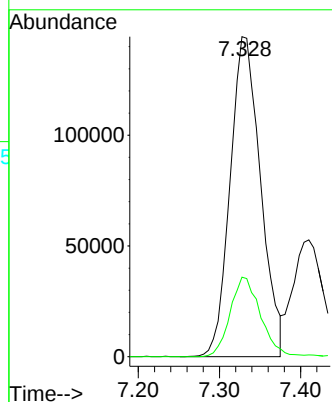
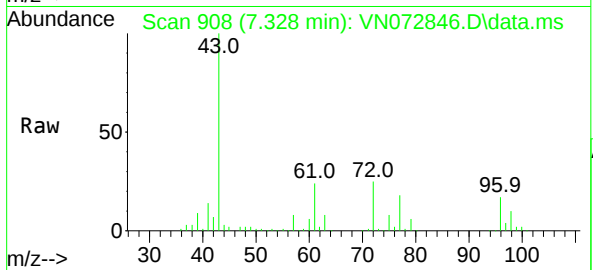




#25  
2-Butanone  
Concen: 97.921 ug/l  
RT: 7.328 min Scan# 908  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

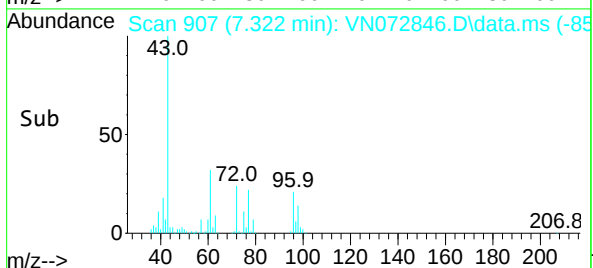
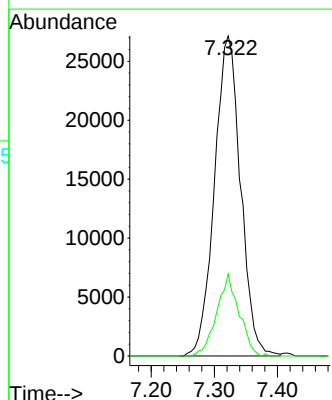
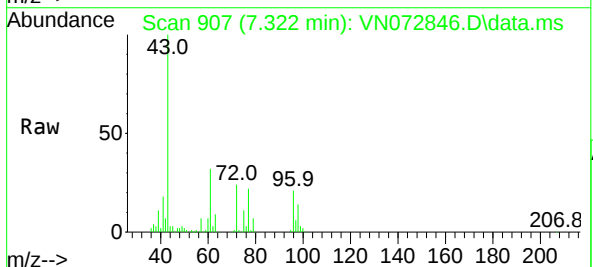
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

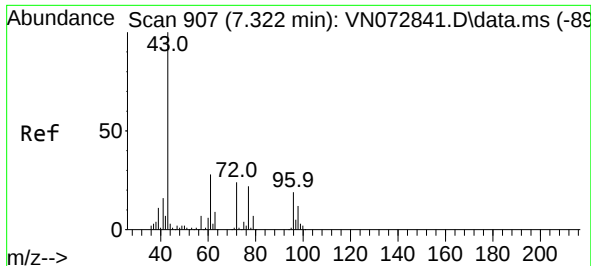
Tgt Ion: 43 Resp: 377398  
Ion Ratio Lower Upper  
43 100  
72 24.8 23.7 35.5



#26  
2,2-Dichloropropane  
Concen: 17.085 ug/l  
RT: 7.322 min Scan# 907  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 77 Resp: 77825  
Ion Ratio Lower Upper  
77 100  
97 21.9 11.4 34.2

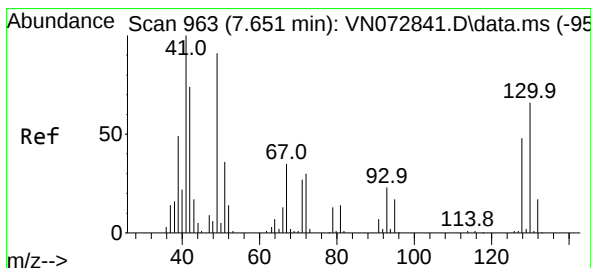
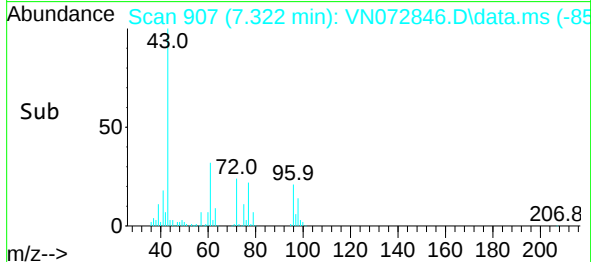
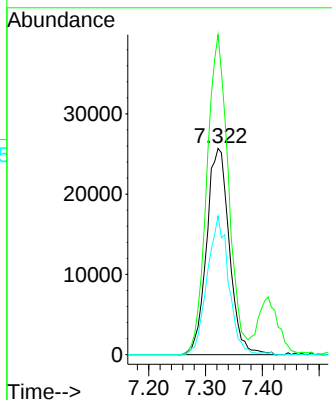
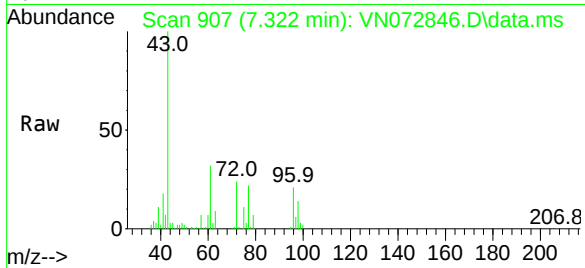




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.888 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

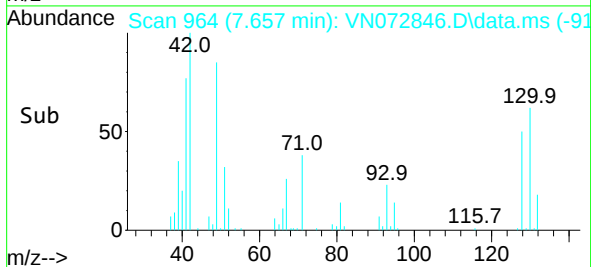
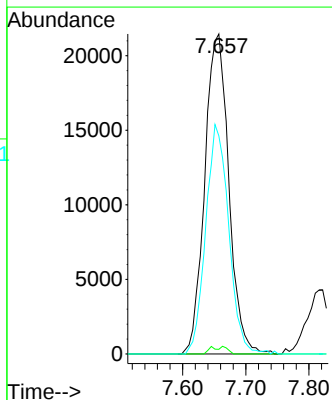
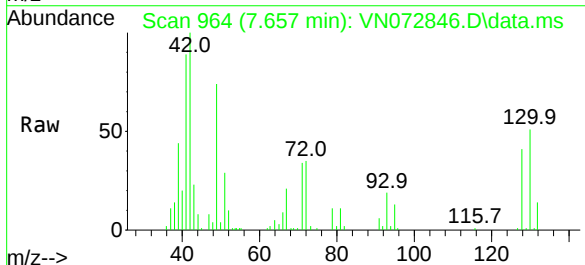
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

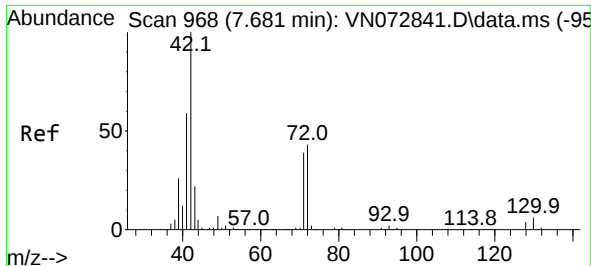
Tgt Ion: 96 Resp: 71338  
 Ion Ratio Lower Upper  
 96 100  
 61 146.7 0.0 280.6  
 98 63.3 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 19.542 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. 0.006 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

Tgt Ion: 49 Resp: 56878  
 Ion Ratio Lower Upper  
 49 100  
 129 0.8 0.0 4.6  
 130 68.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 97.147 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

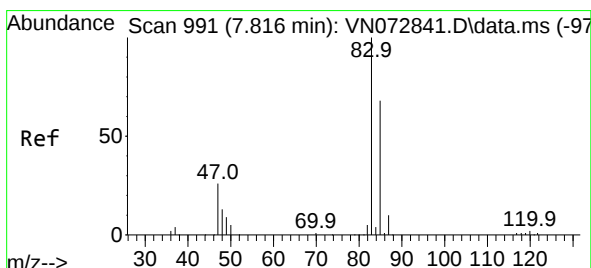
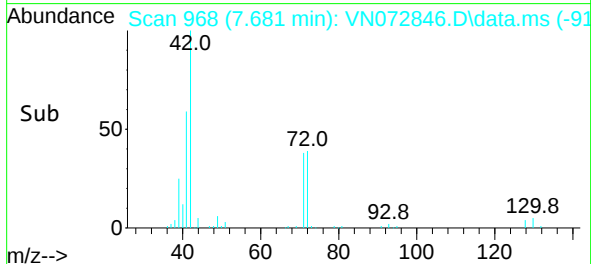
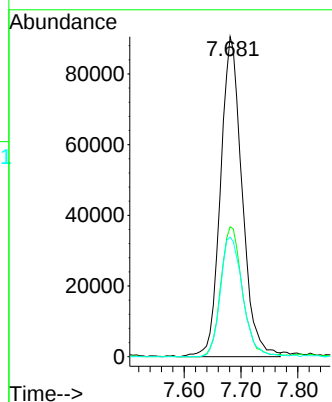
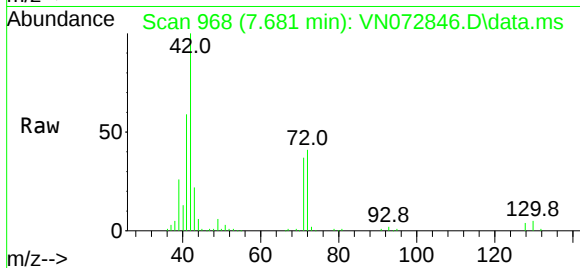
MSVOA\_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 42 Resp: 238994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 40.7  | 39.7  | 59.5  |
| 71  | 38.7  | 36.6  | 55.0  |



#30

Chloroform

Concen: 19.898 ug/l

RT: 7.816 min Scan# 991

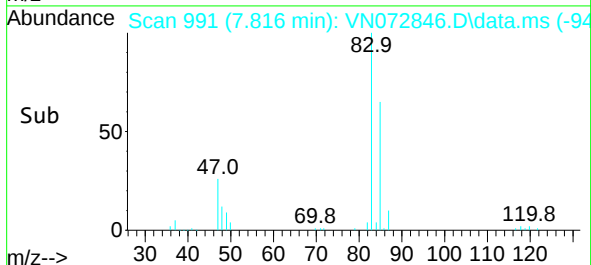
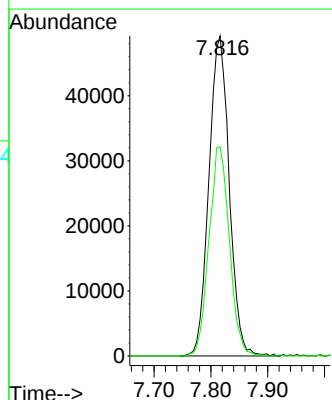
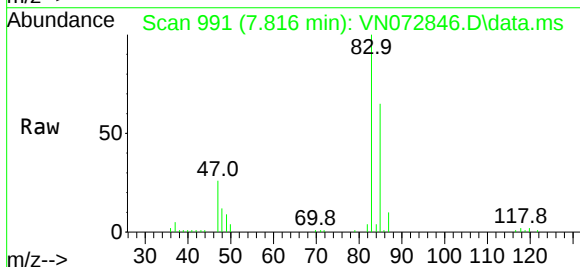
Delta R.T. -0.000 min

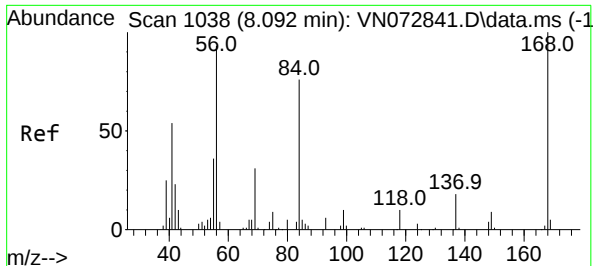
Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Tgt Ion: 83 Resp: 122055

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.4  | 51.8  | 77.8  |

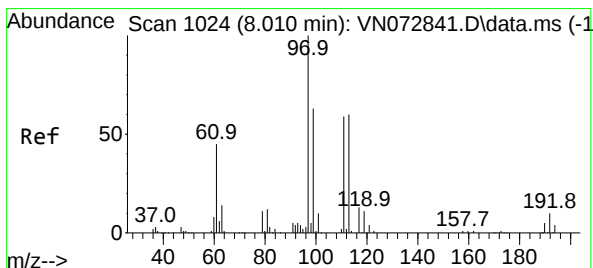
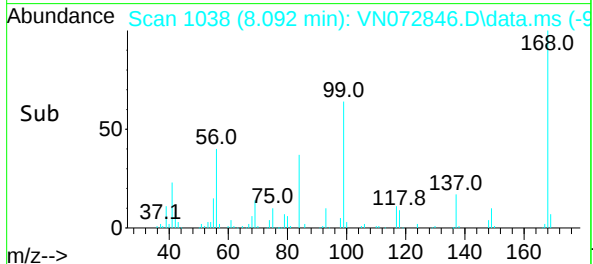
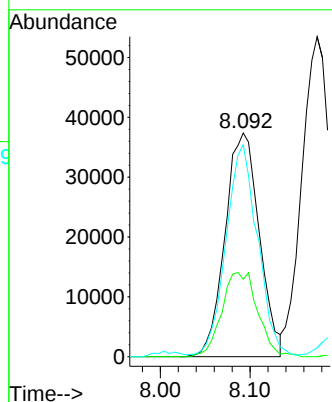
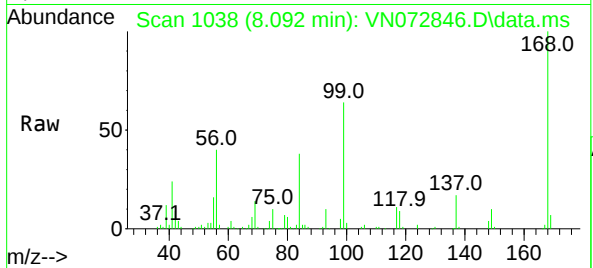




#31  
Cyclohexane  
Concen: 20.352 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

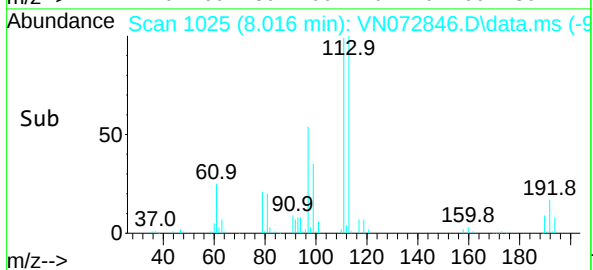
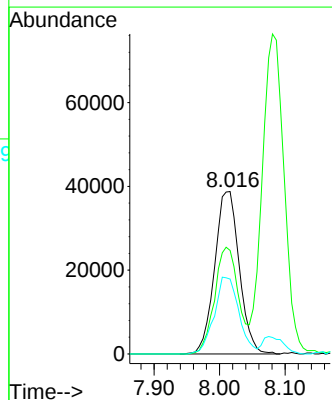
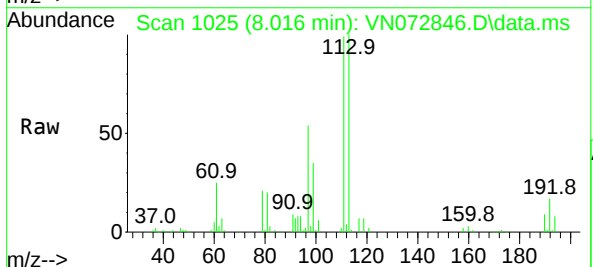
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

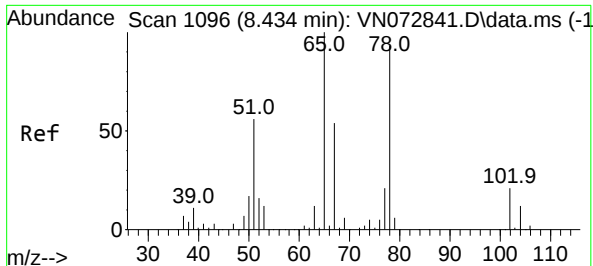
Tgt Ion: 56 Resp: 99036  
Ion Ratio Lower Upper  
56 100  
69 34.7 27.8 41.8  
84 93.3 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 19.723 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 97 Resp: 101003  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.6 76.0  
61 47.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.545 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

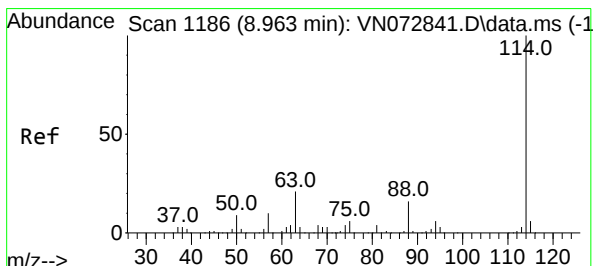
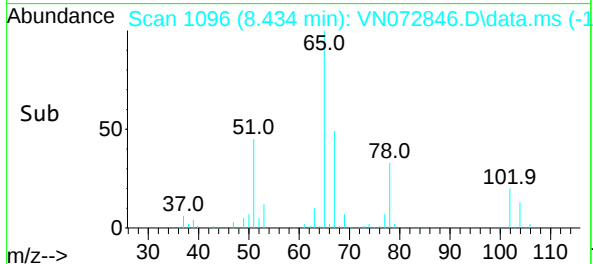
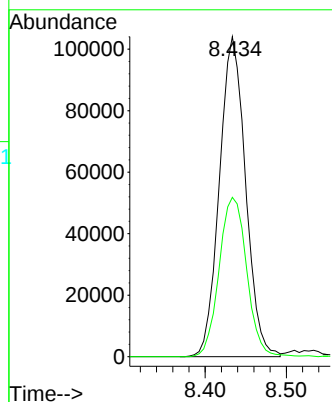
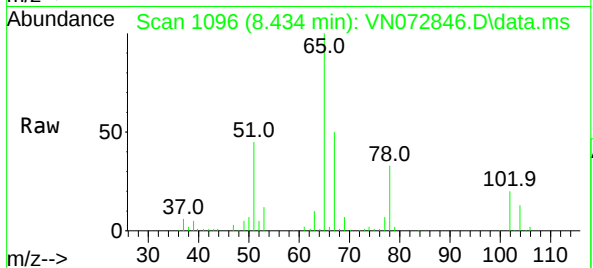
VN0614WBS01

Tgt Ion: 65 Resp: 233022

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

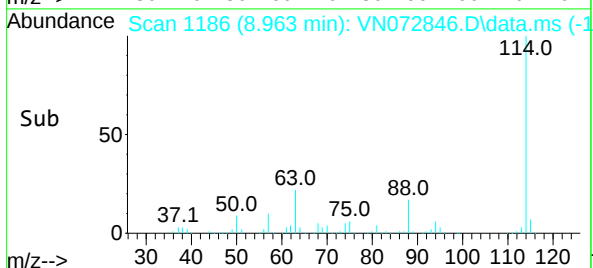
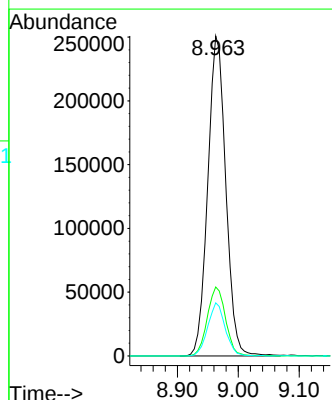
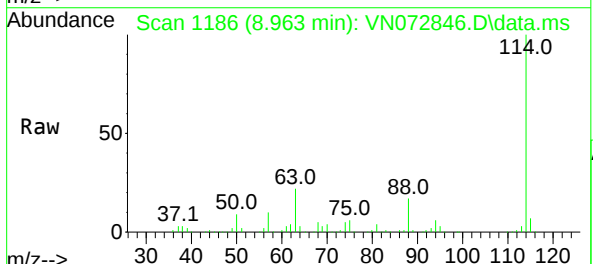
Tgt Ion: 114 Resp: 515875

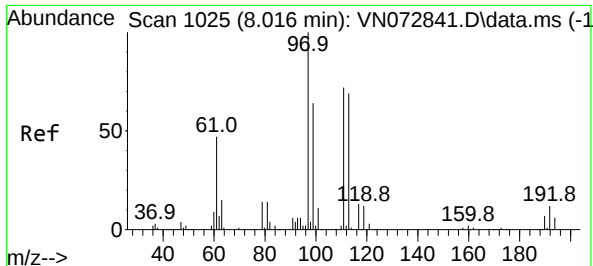
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.0

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.793 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

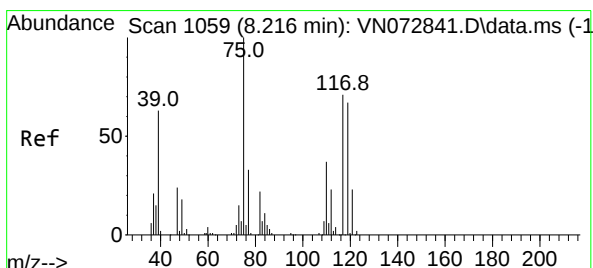
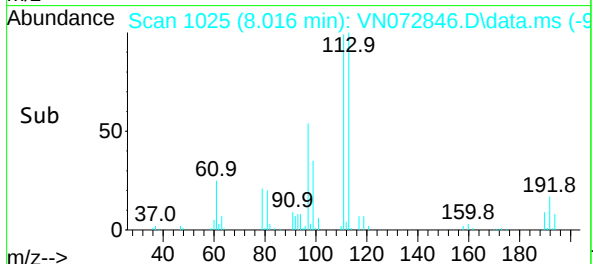
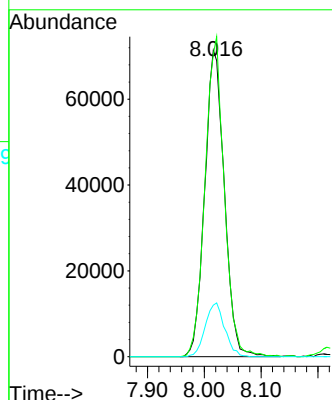
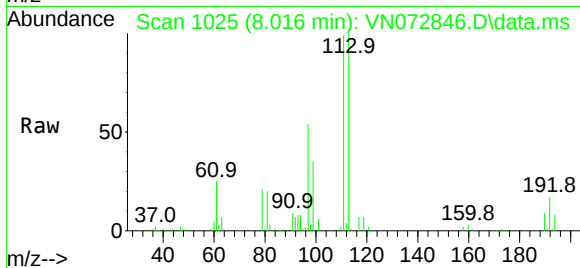
Tgt Ion:113 Resp: 171810

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 17.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 18.422 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

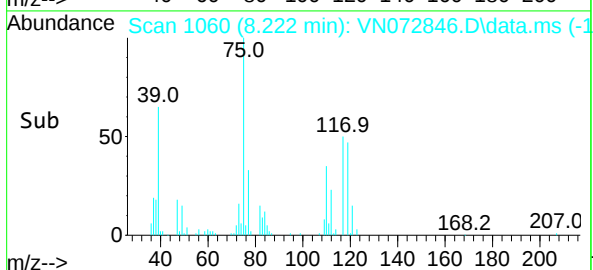
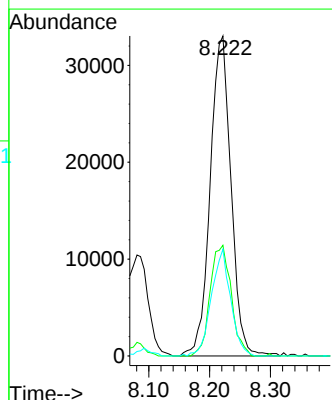
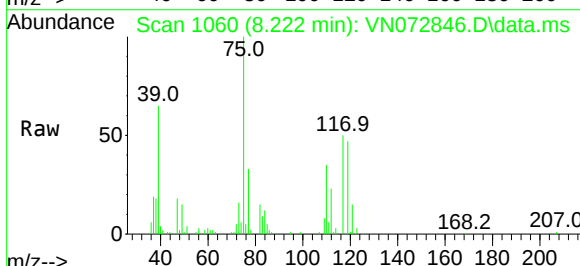
Tgt Ion: 75 Resp: 78582

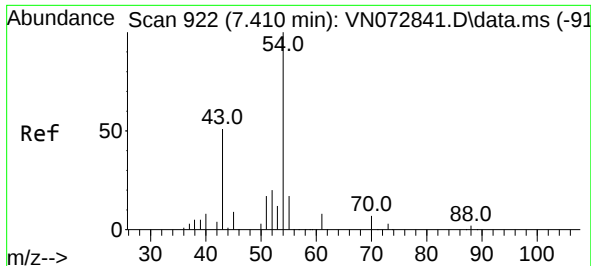
Ion Ratio Lower Upper

75 100

110 35.0 18.3 54.8

77 31.0 25.1 37.7

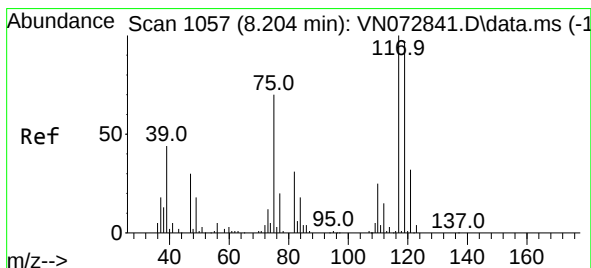
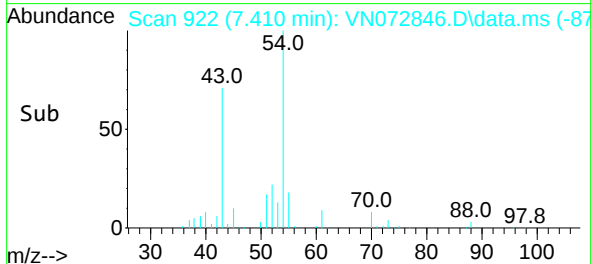
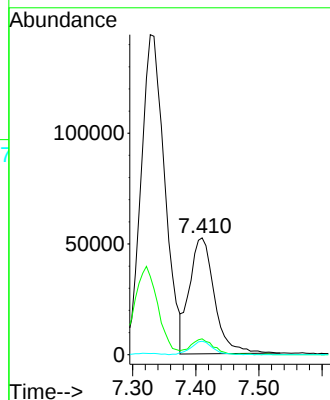
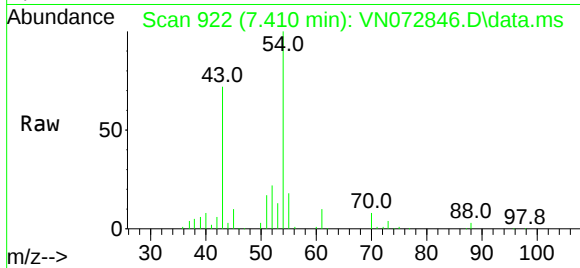




#37  
Ethyl Acetate  
Concen: 19.978 ug/l  
RT: 7.410 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

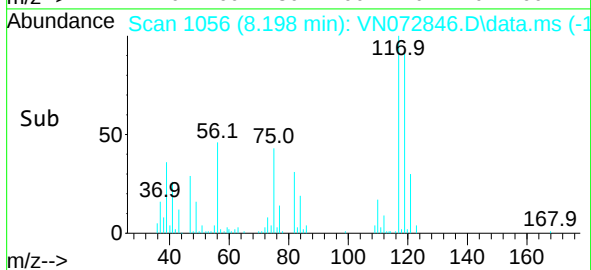
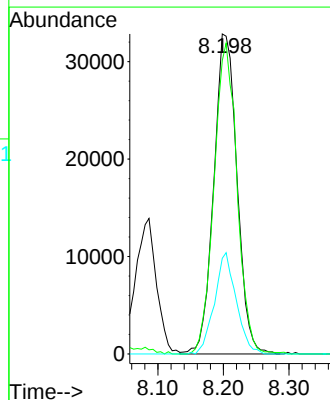
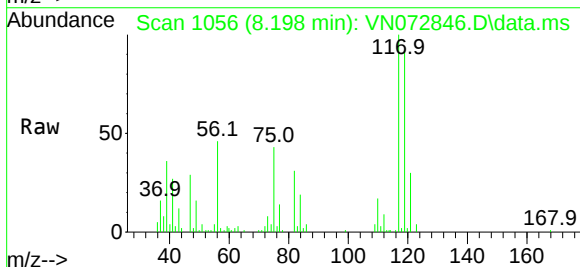
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

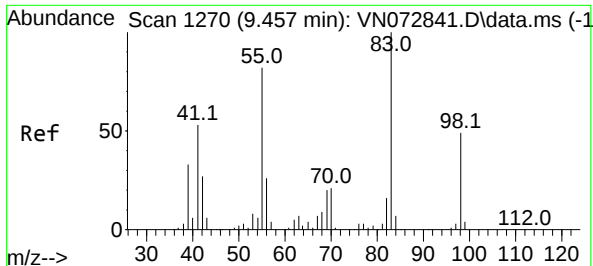
Tgt Ion: 43 Resp: 143776  
Ion Ratio Lower Upper  
43 100  
61 11.7 11.8 17.6#  
70 10.2 9.3 13.9



#38  
Carbon Tetrachloride  
Concen: 19.002 ug/l  
RT: 8.198 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 117 Resp: 80914  
Ion Ratio Lower Upper  
117 100  
119 91.7 75.8 113.8  
121 29.9 24.6 37.0





#39

Methylcyclohexane

Concen: 18.973 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

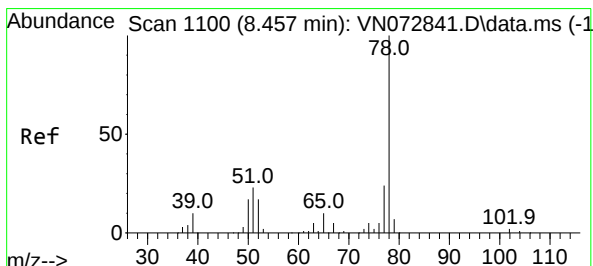
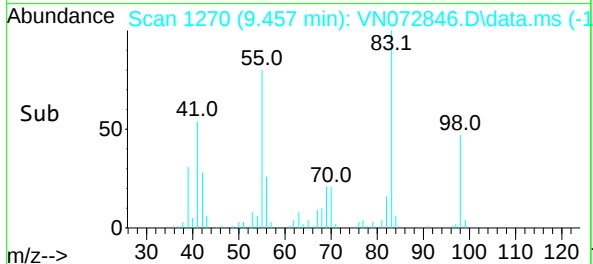
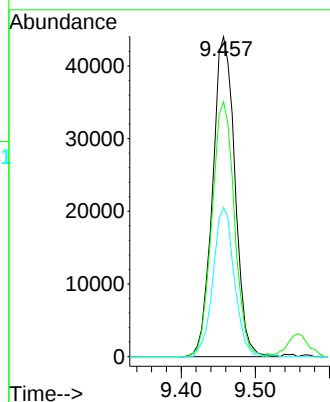
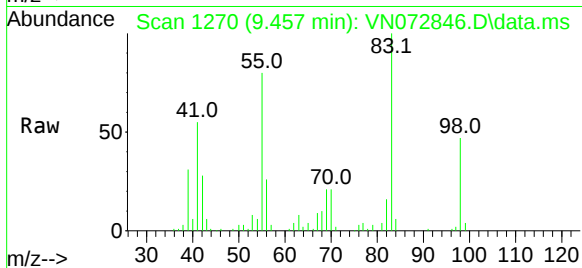
Tgt Ion: 83 Resp: 91879

Ion Ratio Lower Upper

83 100

55 79.7 57.8 86.8

98 46.6 39.4 59.2



#40

Benzene

Concen: 19.492 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072846.D

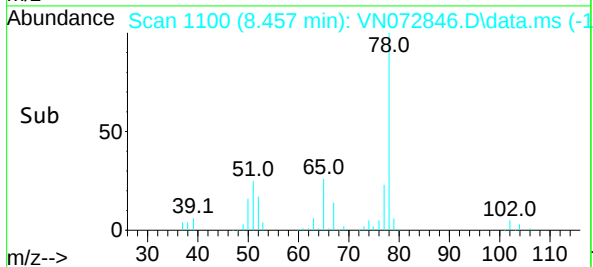
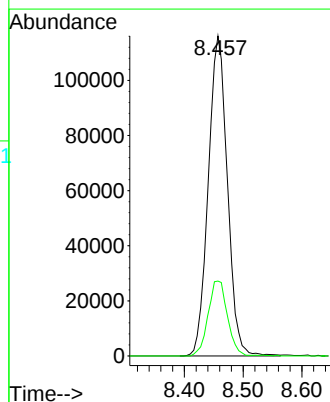
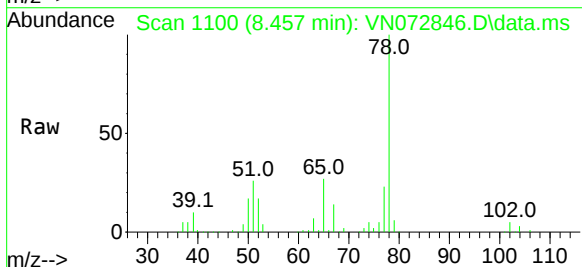
Acq: 14 Jun 2022 21:49

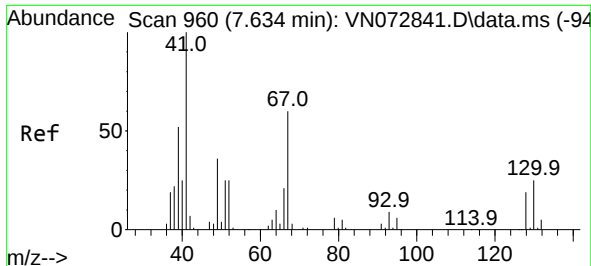
Tgt Ion: 78 Resp: 262838

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

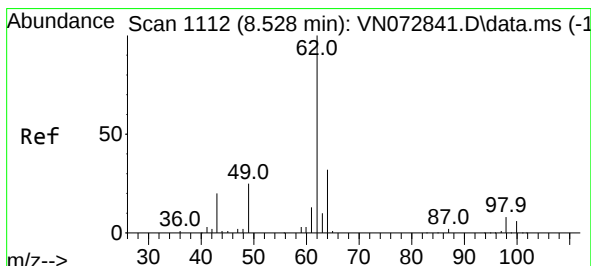
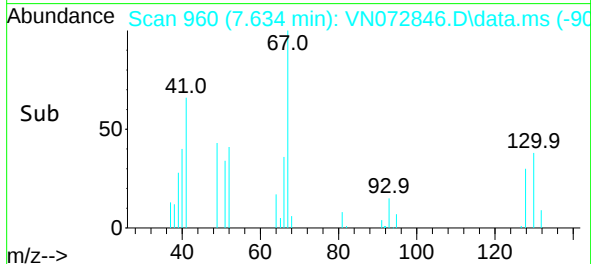
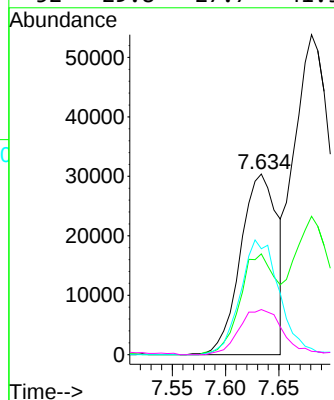
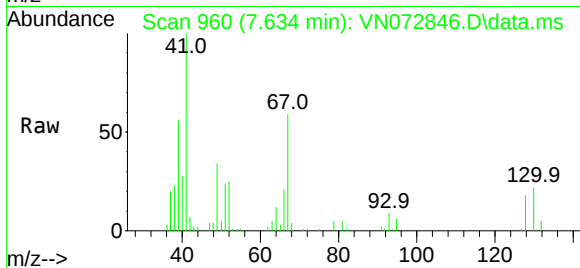




#41  
Methacrylonitrile  
Concen: 19.796 ug/l  
RT: 7.634 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

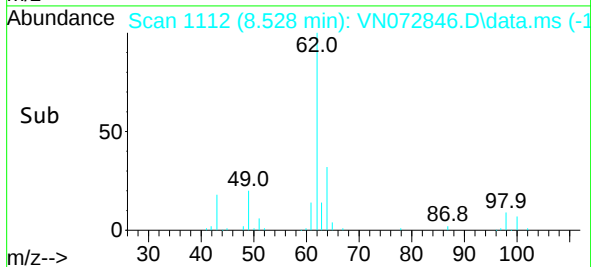
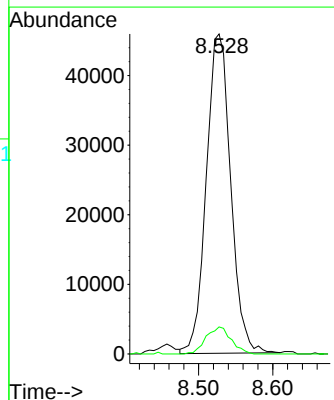
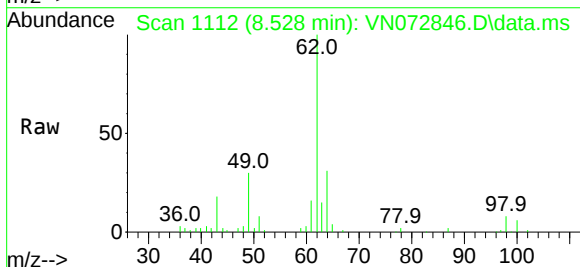
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

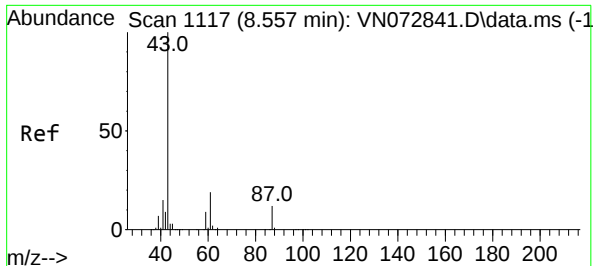
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 73042  |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.9  | 48.6  | 73.0   |
| 67       | 67.5  | 73.4  | 110.2# |
| 52       | 29.8  | 27.7  | 41.5   |



#42  
1,2-Dichloroethane  
Concen: 20.043 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 104624 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.7   | 0.0   | 19.4   |

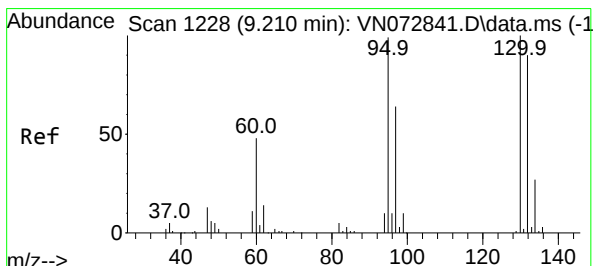
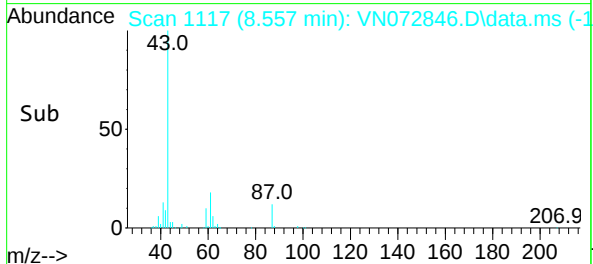
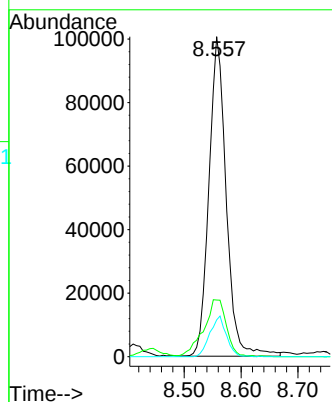
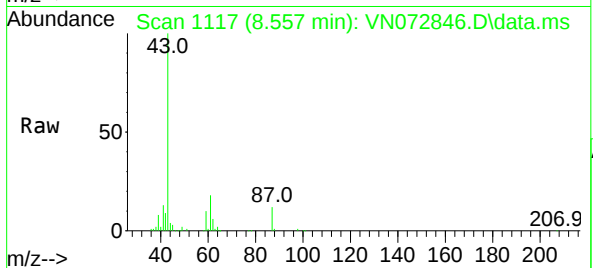




#43  
Isopropyl Acetate  
Concen: 19.980 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

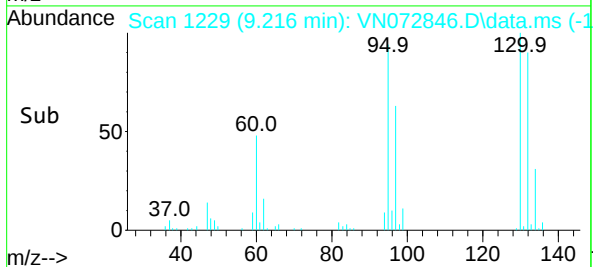
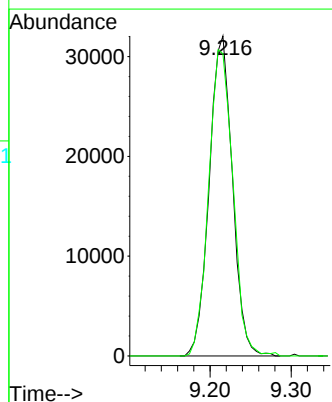
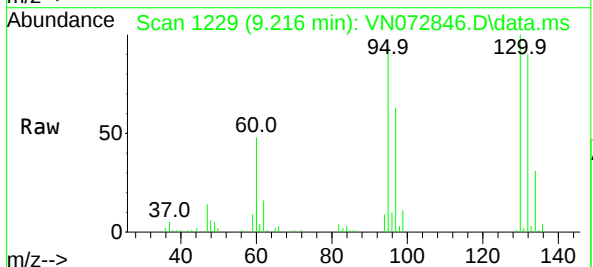
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

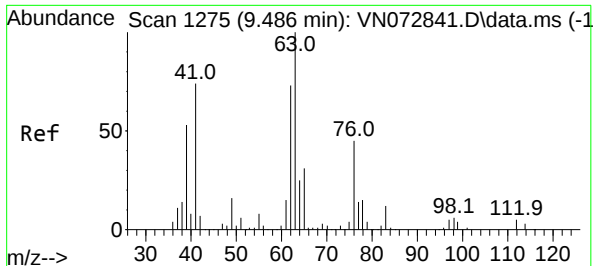
Tgt Ion: 43 Resp: 211856  
Ion Ratio Lower Upper  
43 100  
61 23.5 21.9 32.9  
87 12.2 12.0 18.0



#44  
Trichloroethene  
Concen: 19.406 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion:130 Resp: 63598  
Ion Ratio Lower Upper  
130 100  
95 94.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.230 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

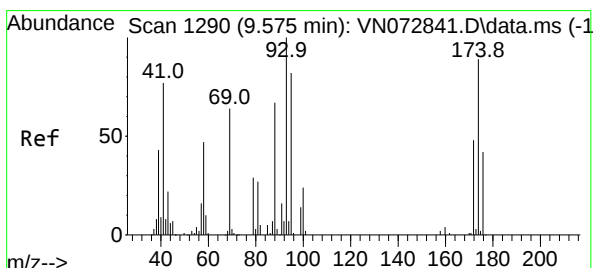
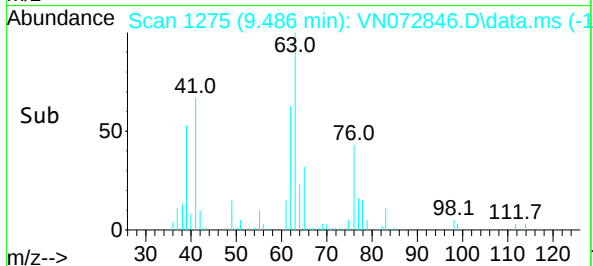
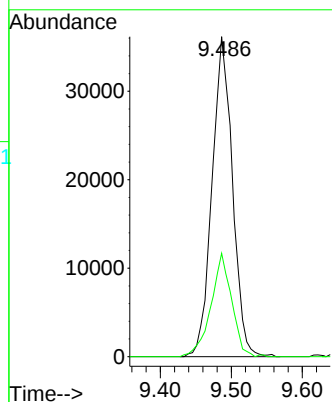
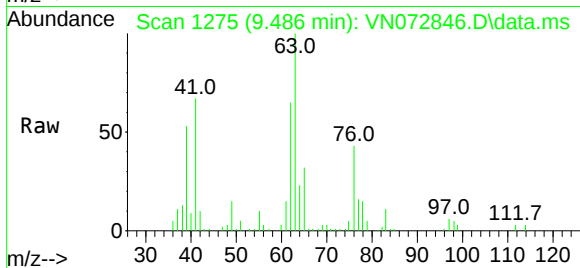
VN0614WBS01

Tgt Ion: 63 Resp: 72183

Ion Ratio Lower Upper

63 100

65 32.3 24.9 37.3



#46

Dibromomethane

Concen: 20.306 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

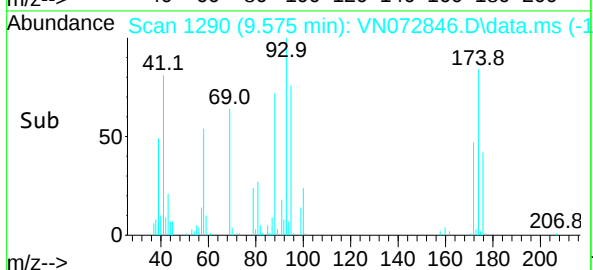
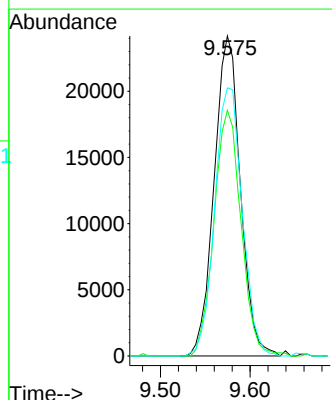
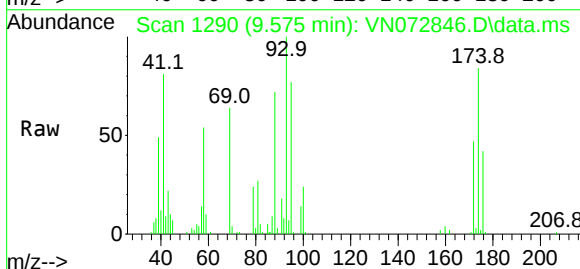
Tgt Ion: 93 Resp: 49091

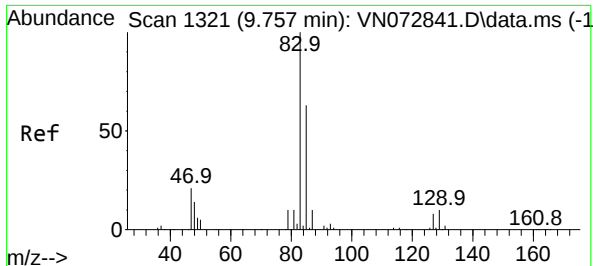
Ion Ratio Lower Upper

93 100

95 79.1 66.9 100.3

174 88.2 86.6 130.0

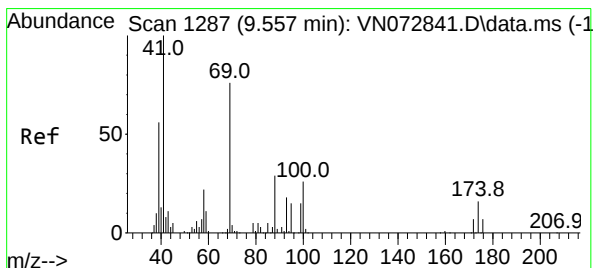
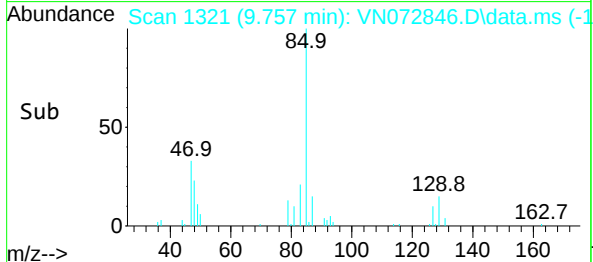
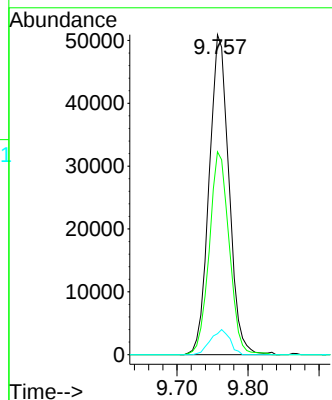
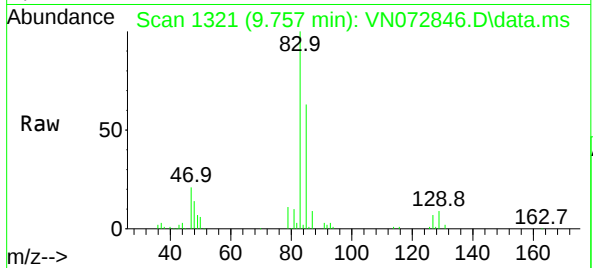




#47  
Bromodichloromethane  
Concen: 20.070 ug/l  
RT: 9.757 min Scan# 1321  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

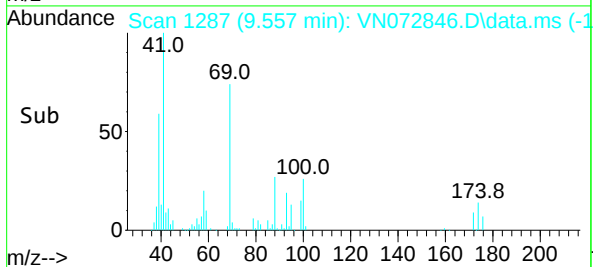
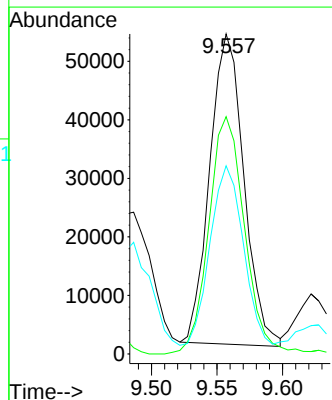
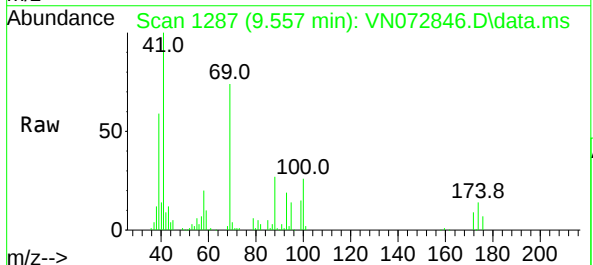
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

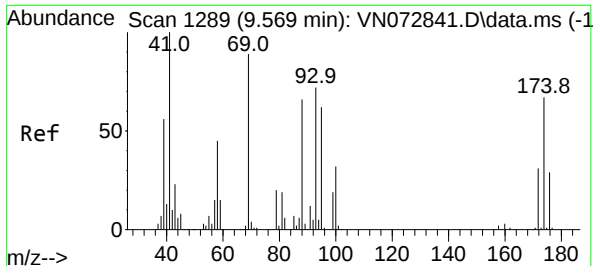
Tgt Ion: 83 Resp: 98420  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.5 75.7  
127 6.5 6.8 10.2#



#48  
Methyl methacrylate  
Concen: 18.969 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 41 Resp: 95888  
Ion Ratio Lower Upper  
41 100  
69 81.0 74.7 112.1  
39 61.8 45.6 68.4

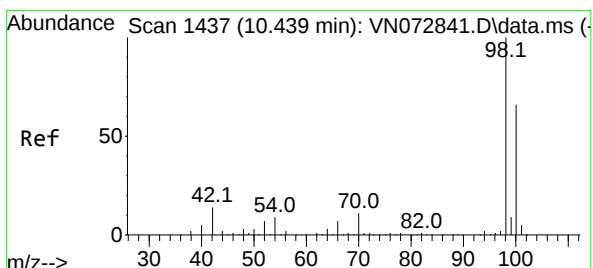
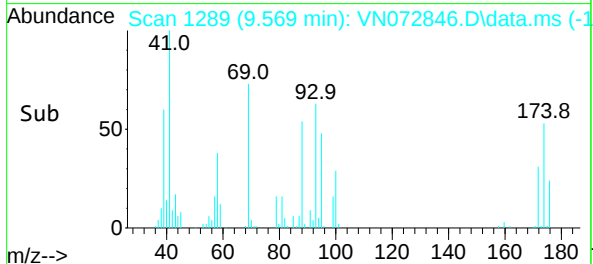
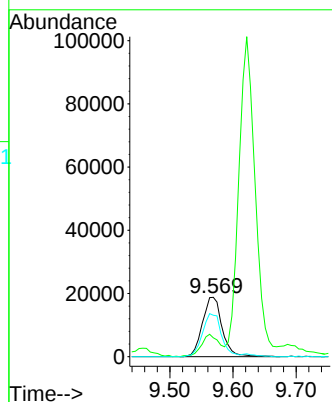
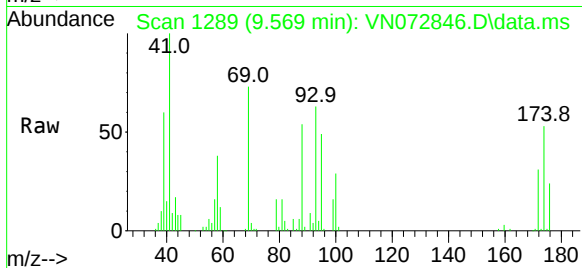




#49  
1,4-Dioxane  
Concen: 396.949 ug/l  
RT: 9.569 min Scan# 1289  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

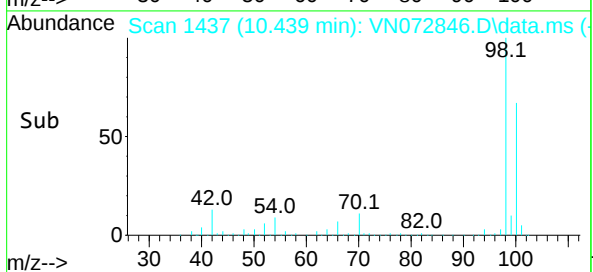
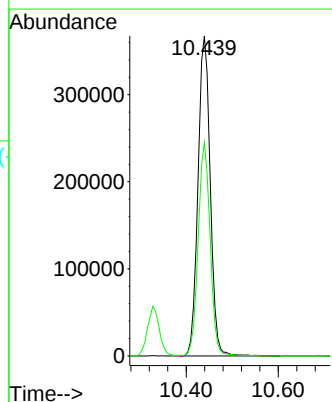
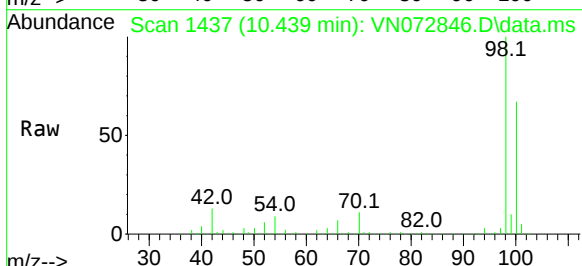
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

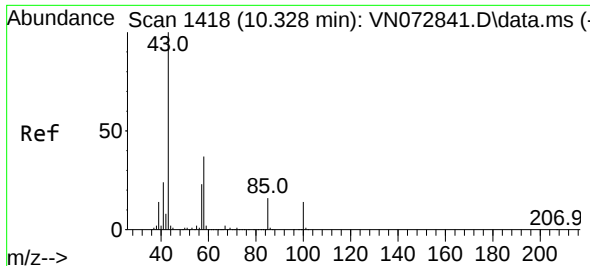
Tgt Ion: 88 Resp: 40698  
Ion Ratio Lower Upper  
88 100  
43 34.6 20.2 30.4#  
58 69.7 54.2 81.4



#50  
Toluene-d8  
Concen: 53.836 ug/l  
RT: 10.439 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 98 Resp: 678583  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.6 78.8

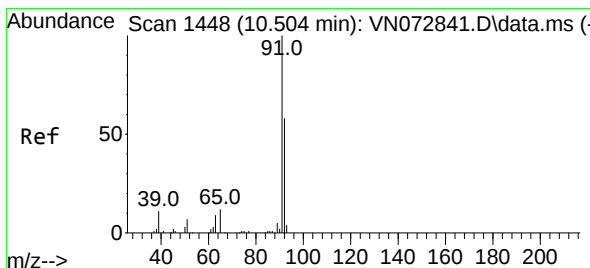
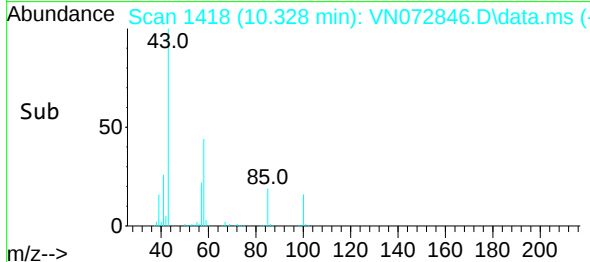
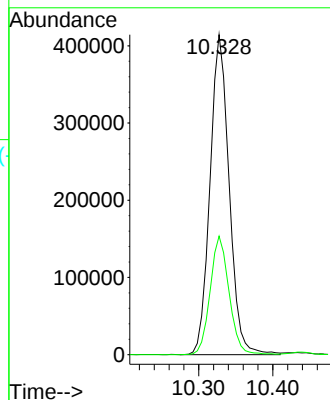
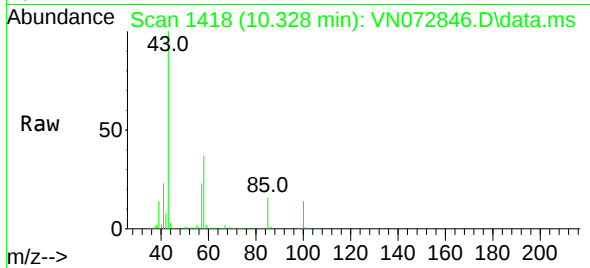




#51  
4-Methyl-2-Pentanone  
Concen: 102.406 ug/l  
RT: 10.328 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

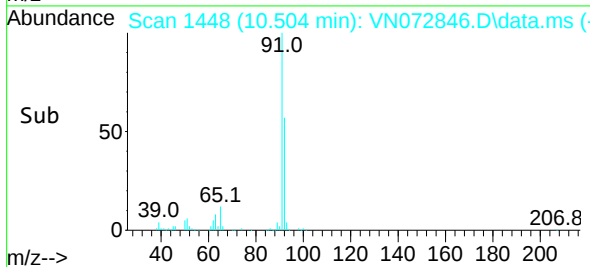
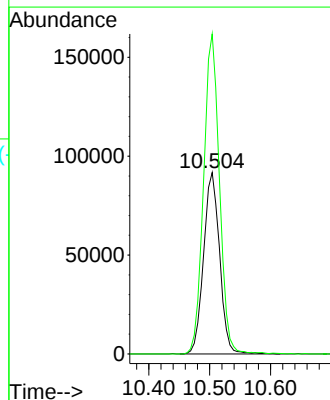
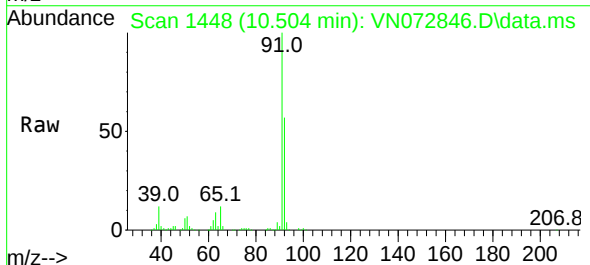
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

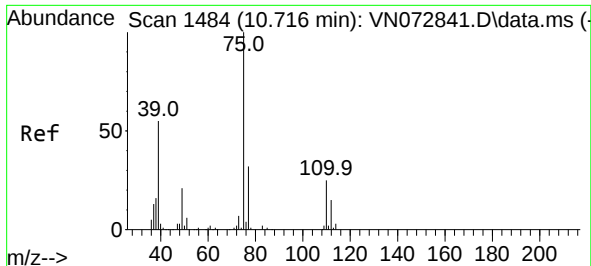
Tgt Ion: 43 Resp: 744240  
Ion Ratio Lower Upper  
43 100  
58 36.6 34.1 51.1



#52  
Toluene  
Concen: 20.029 ug/l  
RT: 10.504 min Scan# 1448  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 92 Resp: 167768  
Ion Ratio Lower Upper  
92 100  
91 174.2 138.6 207.8

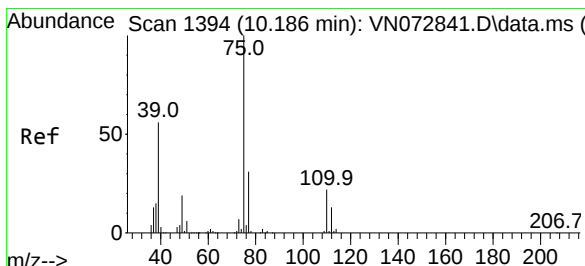
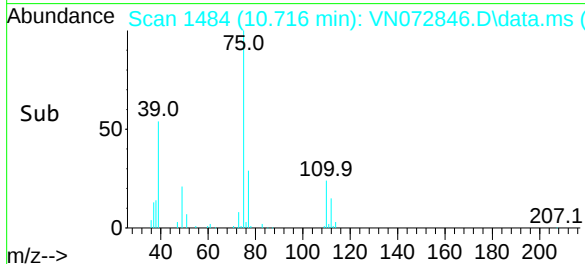
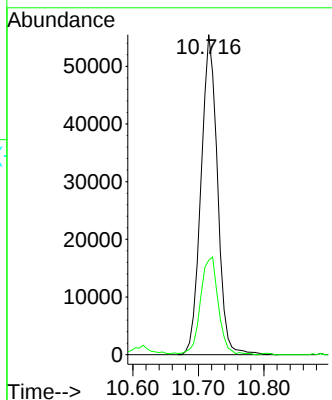
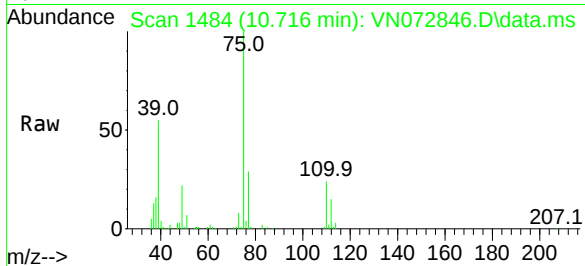




#53  
t-1,3-Dichloropropene  
Concen: 19.712 ug/l  
RT: 10.716 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

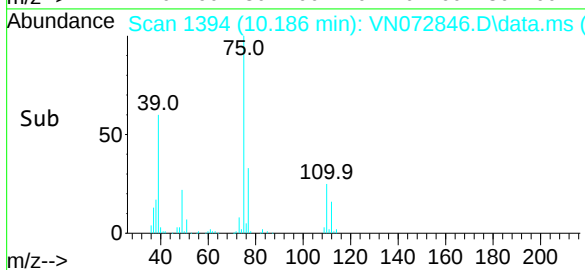
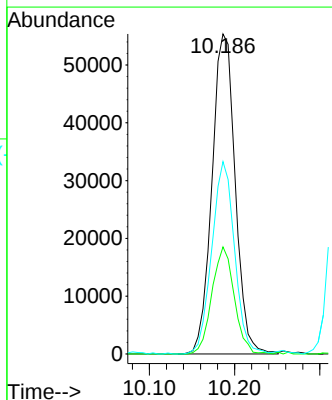
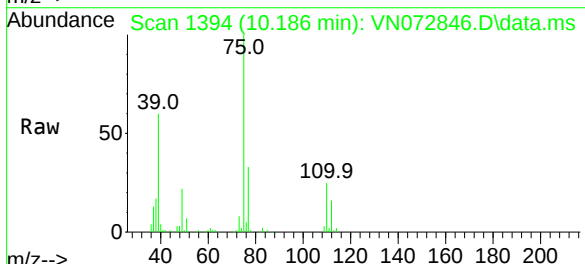
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

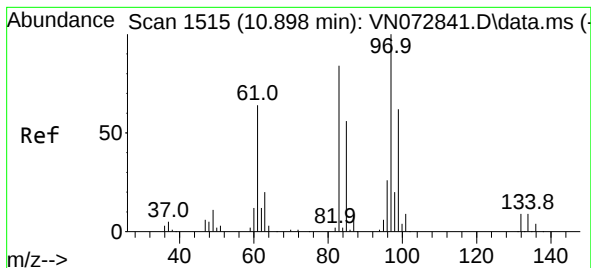
Tgt Ion: 75 Resp: 97119  
Ion Ratio Lower Upper  
75 100  
77 29.5 25.6 38.4



#54  
cis-1,3-Dichloropropene  
Concen: 19.417 ug/l  
RT: 10.186 min Scan# 1394  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 75 Resp: 104997  
Ion Ratio Lower Upper  
75 100  
77 33.4 25.2 37.8  
39 60.1 35.7 53.5#





#55

1,1,2-Trichloroethane

Concen: 19.372 ug/l

RT: 10.898 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

Tgt Ion: 97 Resp: 73073

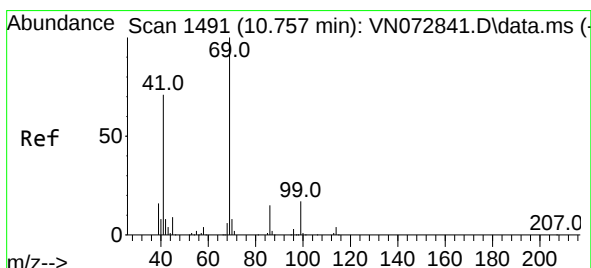
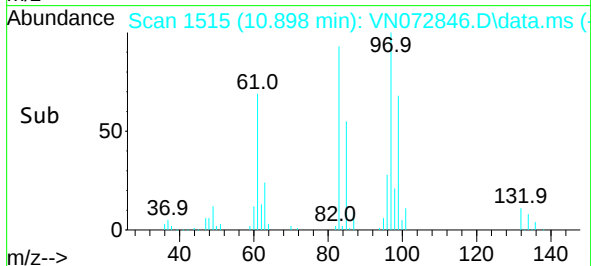
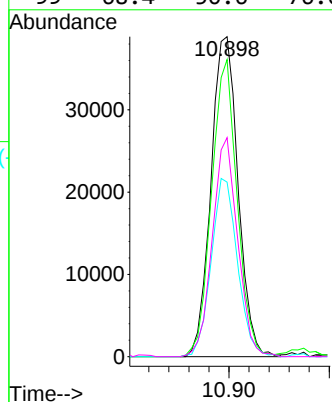
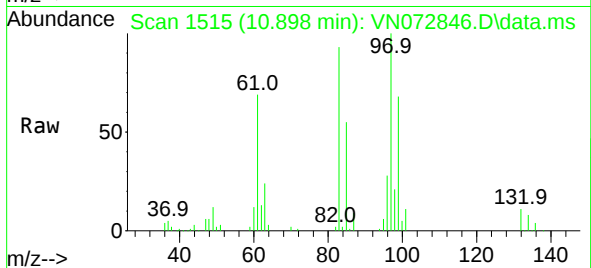
Ion Ratio Lower Upper

97 100

83 92.8 66.2 99.4

85 54.6 43.9 65.9

99 68.4 50.6 76.0



#56

Ethyl methacrylate

Concen: 19.967 ug/l

RT: 10.757 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

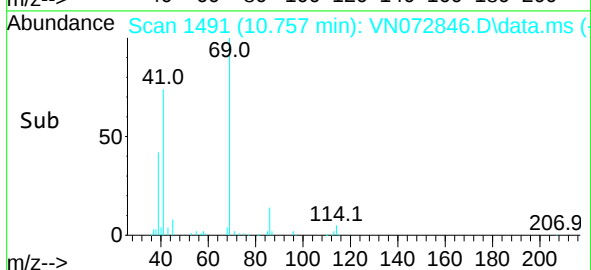
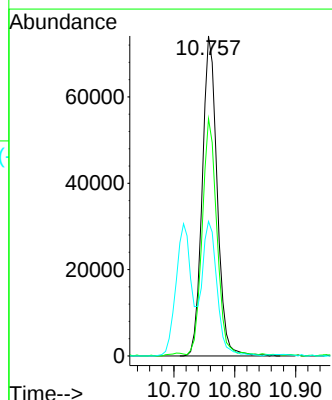
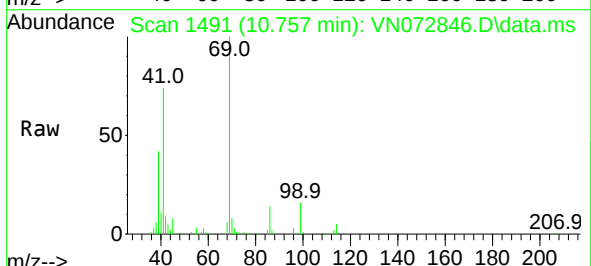
Tgt Ion: 69 Resp: 125623

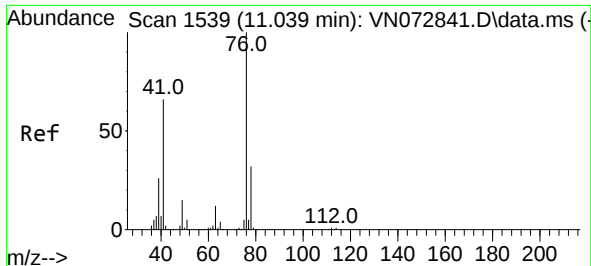
Ion Ratio Lower Upper

69 100

41 72.2 47.8 71.6#

39 43.9 27.3 40.9#





#57

1,3-Dichloropropane

Concen: 19.545 ug/l

RT: 11.045 min Scan# 1540

Delta R.T. 0.006 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

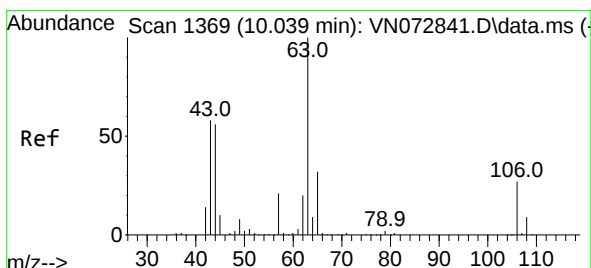
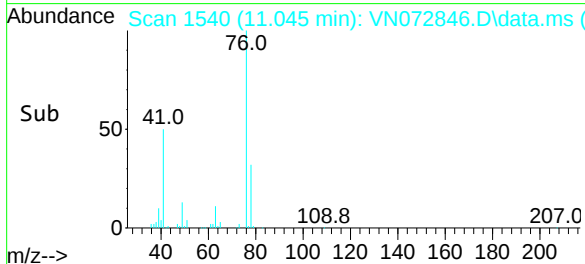
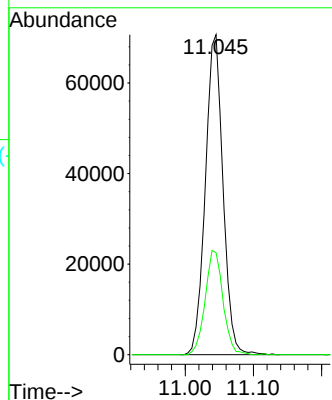
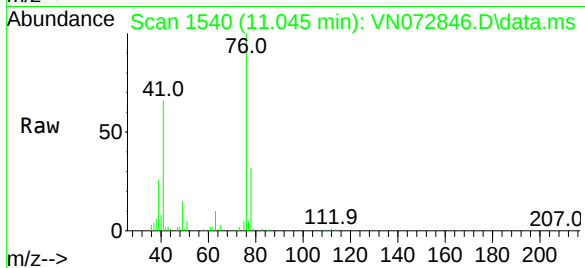
VN0614WBS01

Tgt Ion: 76 Resp: 127027

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 103.552 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072846.D

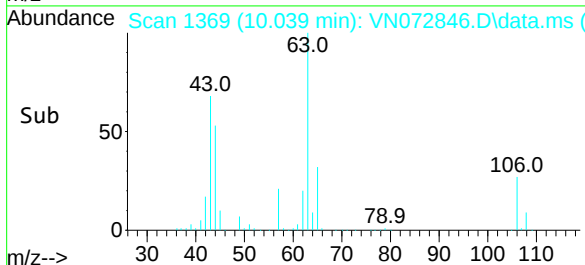
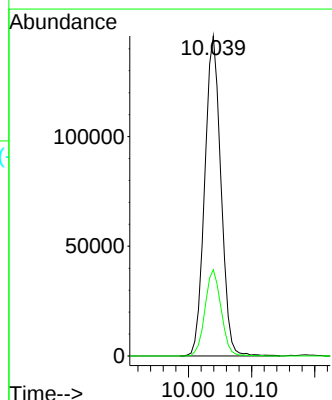
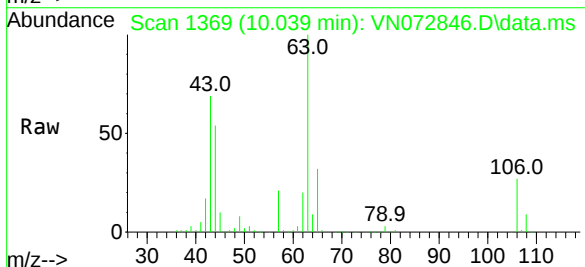
Acq: 14 Jun 2022 21:49

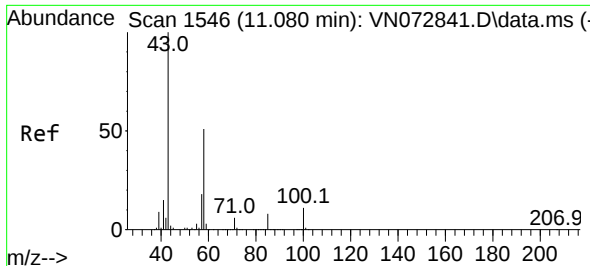
Tgt Ion: 63 Resp: 259909

Ion Ratio Lower Upper

63 100

106 26.7 24.6 36.8

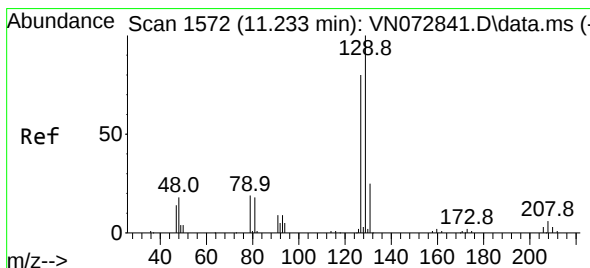
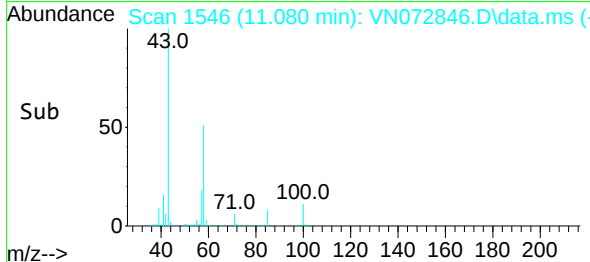
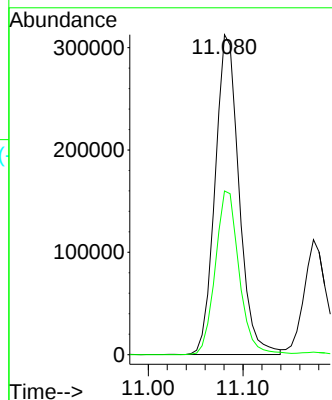
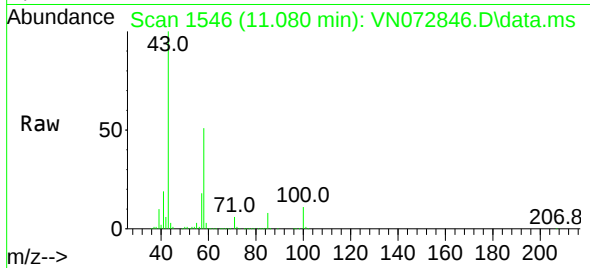




#59  
2-Hexanone  
Concen: 100.583 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

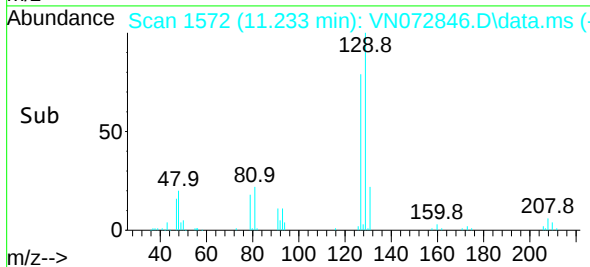
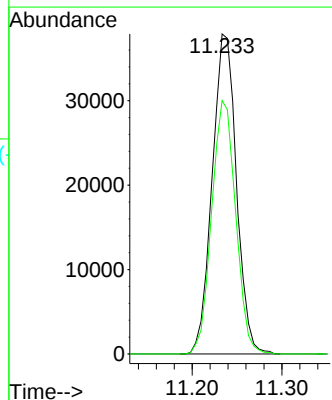
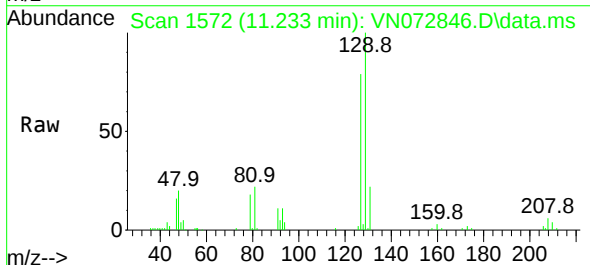
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

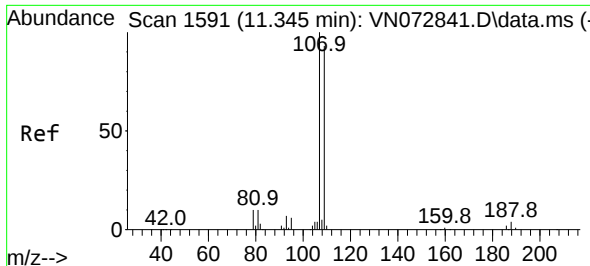
Tgt Ion: 43 Resp: 548826  
Ion Ratio Lower Upper  
43 100  
58 51.1 29.7 89.1



#60  
Dibromochloromethane  
Concen: 20.022 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 129 Resp: 71156  
Ion Ratio Lower Upper  
129 100  
127 78.4 38.8 116.4

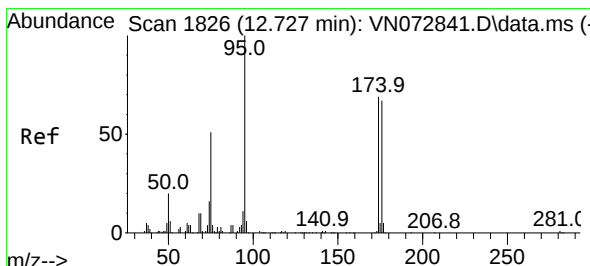
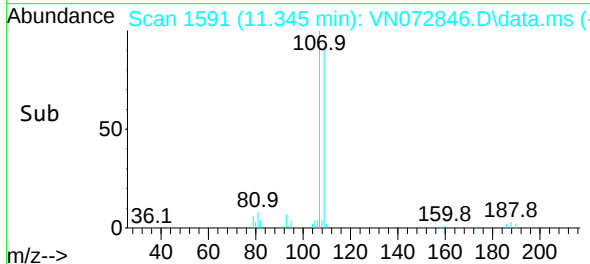
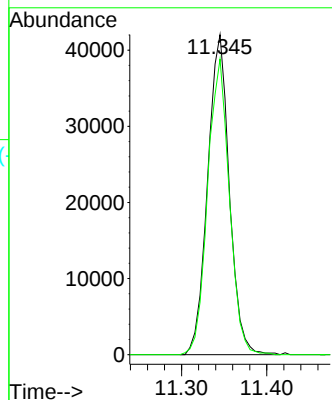
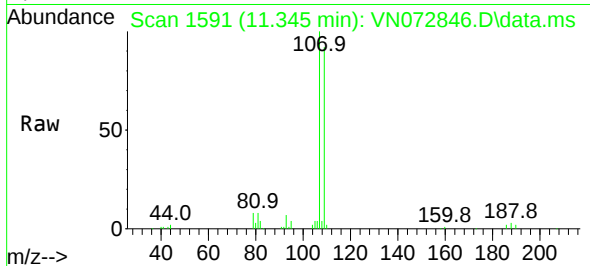




#61  
1,2-Dibromoethane  
Concen: 20.068 ug/l  
RT: 11.345 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

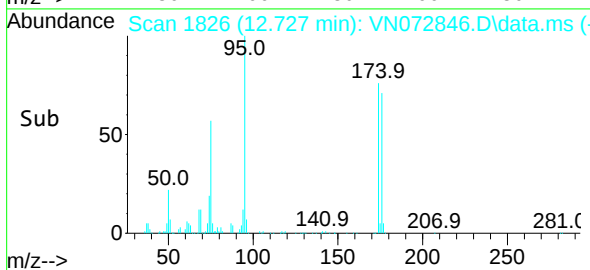
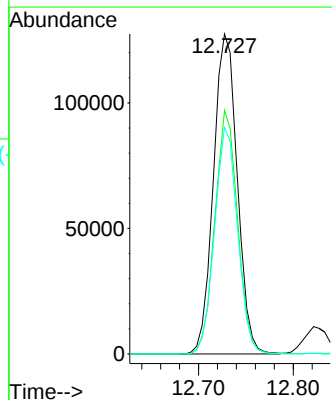
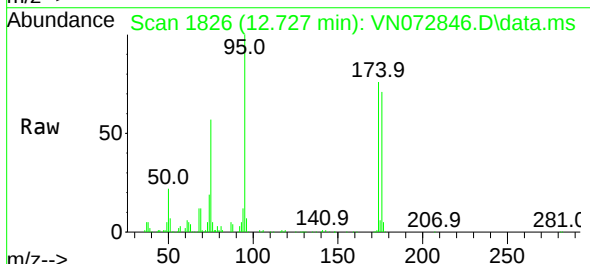
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

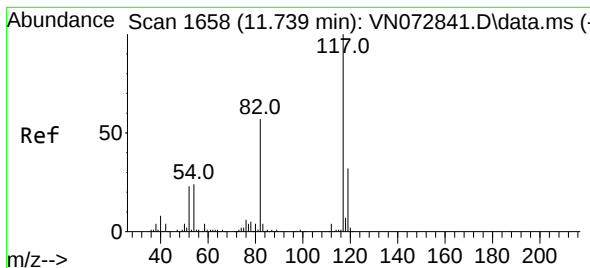
Tgt Ion:107 Resp: 74287  
Ion Ratio Lower Upper  
107 100  
109 92.5 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 52.688 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 95 Resp: 222930  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 167.6  
176 68.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.745 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

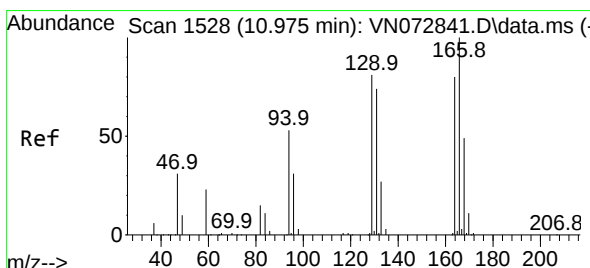
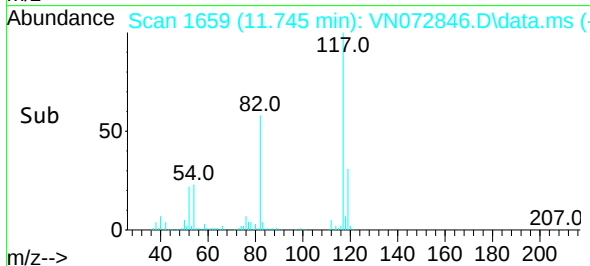
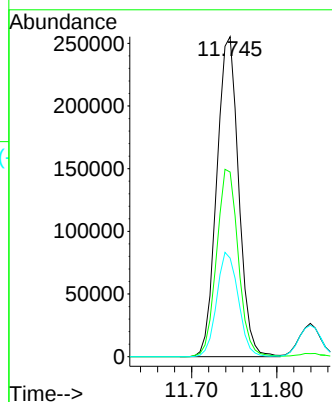
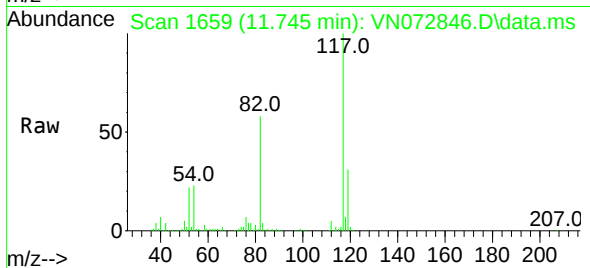
Tgt Ion:117 Resp: 455850

Ion Ratio Lower Upper

117 100

82 57.7 44.2 66.2

119 30.8 25.4 38.0



#64

Tetrachloroethene

Concen: 19.736 ug/l

RT: 10.975 min Scan# 1528

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Tgt Ion:164 Resp: 57717

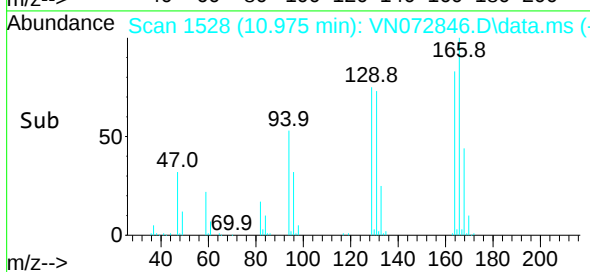
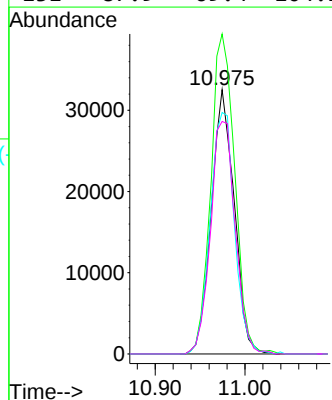
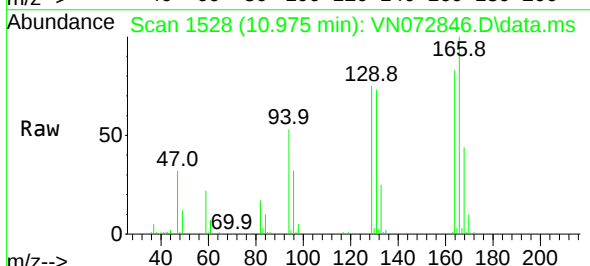
Ion Ratio Lower Upper

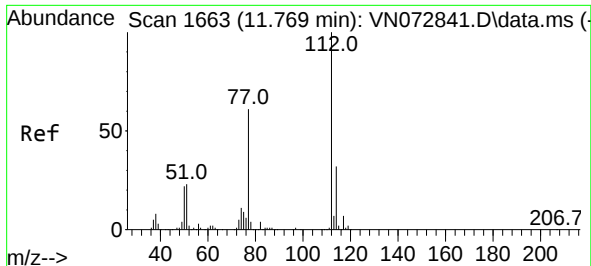
164 100

166 121.0 104.2 156.2

129 91.3 73.9 110.9

131 87.9 69.4 104.2

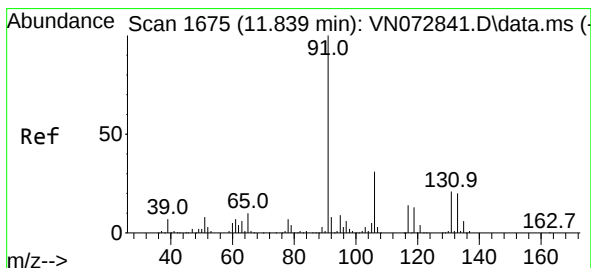
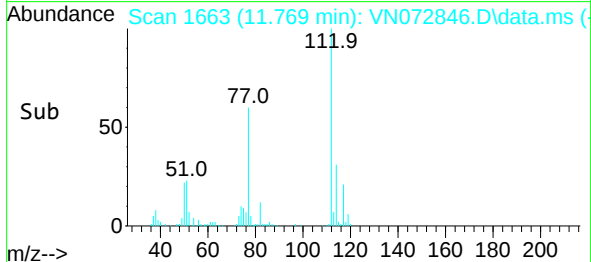
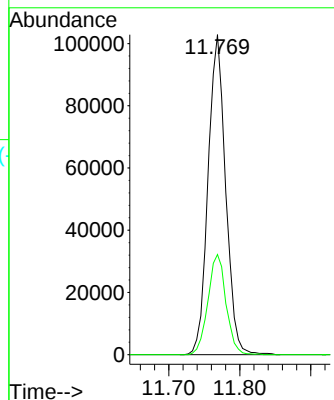
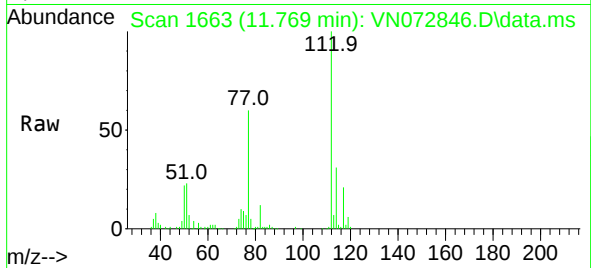




#65  
Chlorobenzene  
Concen: 19.683 ug/l  
RT: 11.769 min Scan# 1663  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

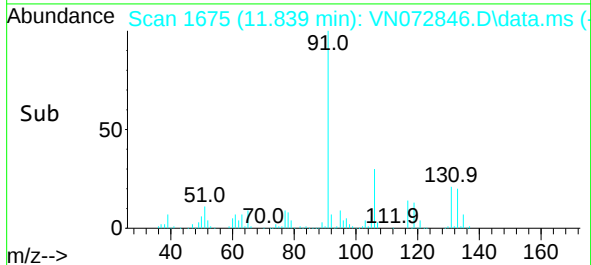
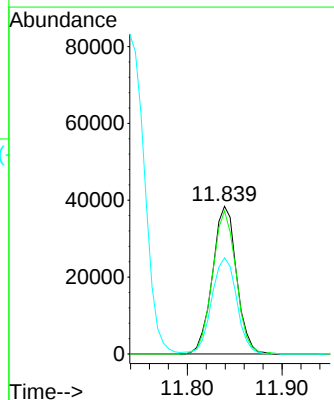
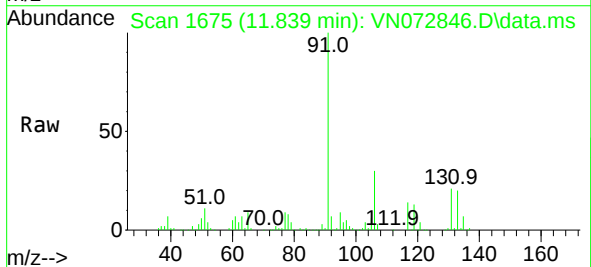
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

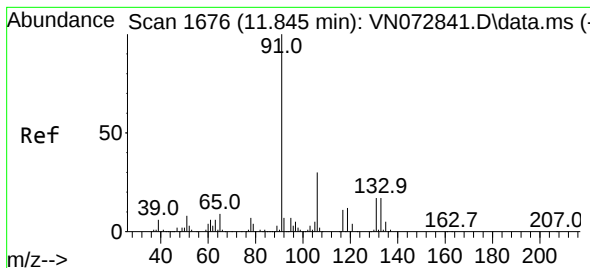
Tgt Ion:112 Resp: 176724  
Ion Ratio Lower Upper  
112 100  
114 31.3 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.851 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion:131 Resp: 67977  
Ion Ratio Lower Upper  
131 100  
133 95.2 47.8 143.4  
119 67.6 33.4 100.2





#67

Ethyl Benzene

Concen: 19.540 ug/l

RT: 11.839 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

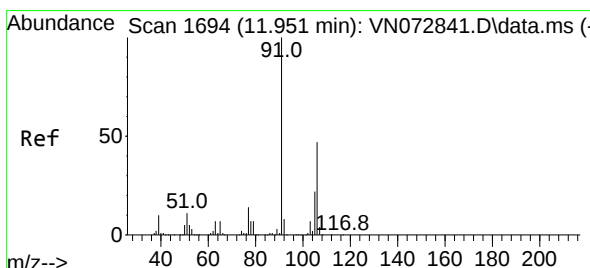
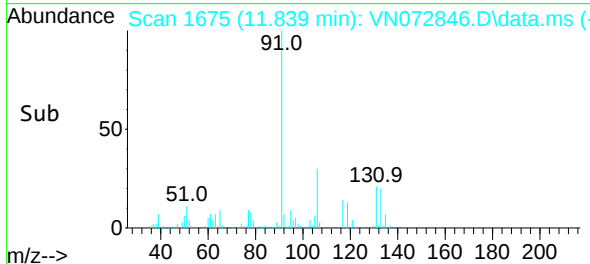
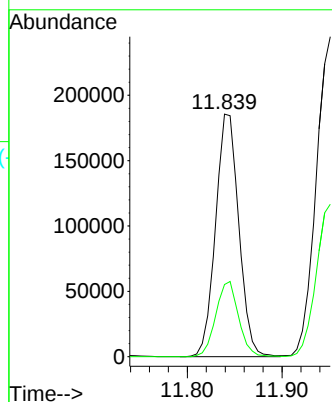
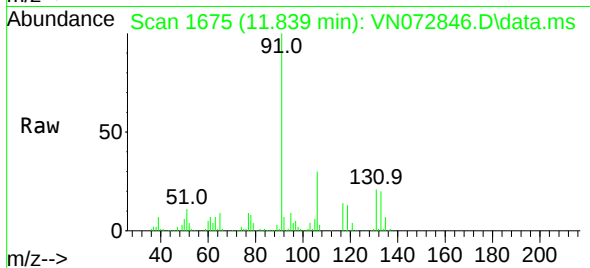
VN0614WBS01

Tgt Ion: 91 Resp: 316731

Ion Ratio Lower Upper

91 100

106 29.8 24.9 37.3



#68

m/p-Xylenes

Concen: 40.096 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VN072846.D

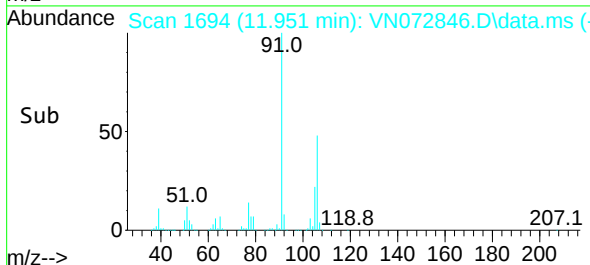
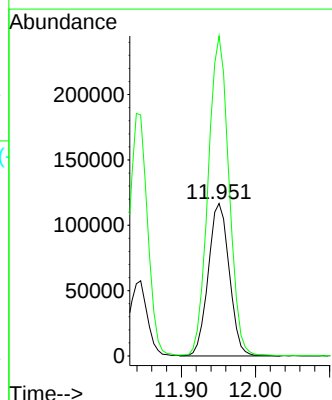
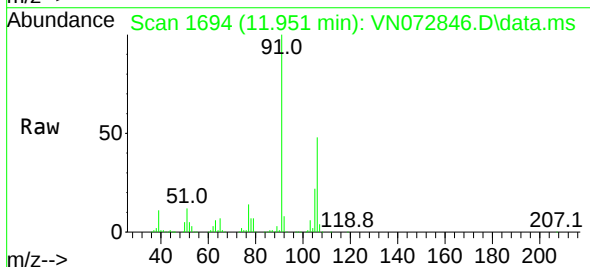
Acq: 14 Jun 2022 21:49

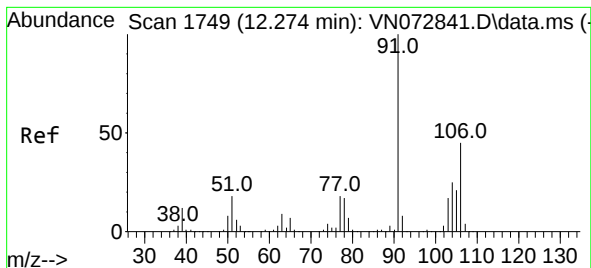
Tgt Ion:106 Resp: 230174

Ion Ratio Lower Upper

106 100

91 207.2 158.9 238.3





#69

o-Xylene

Concen: 19.618 ug/l

RT: 12.280 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

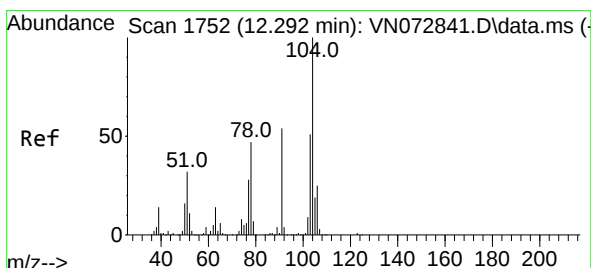
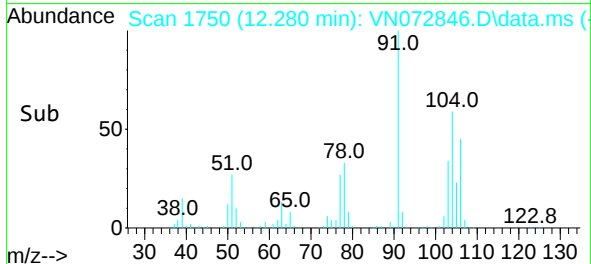
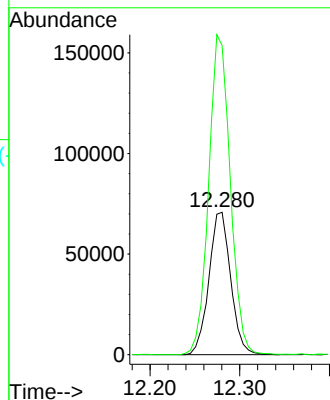
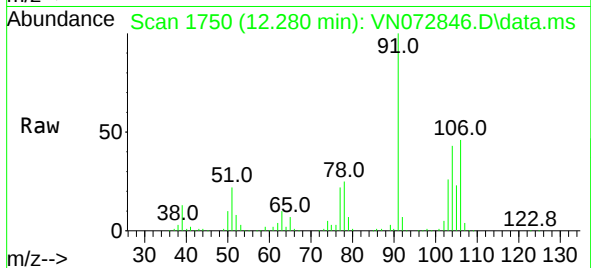
VN0614WBS01

Tgt Ion:106 Resp: 119179

Ion Ratio Lower Upper

106 100

91 223.3 106.0 318.0



#70

Styrene

Concen: 20.401 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

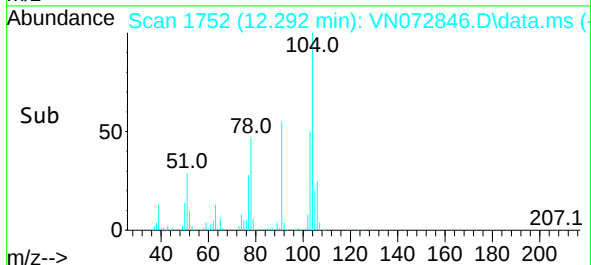
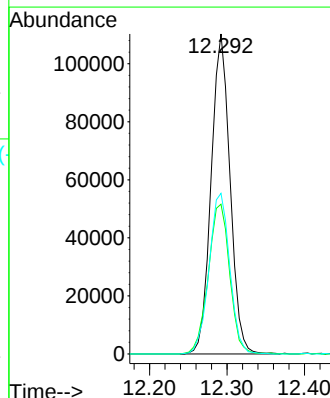
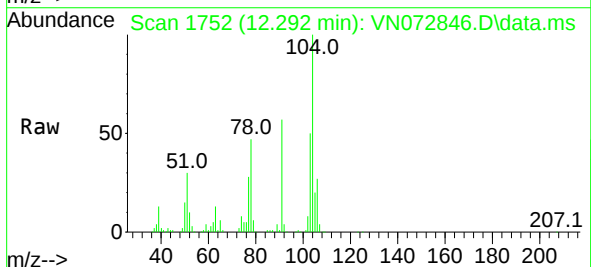
Tgt Ion:104 Resp: 186762

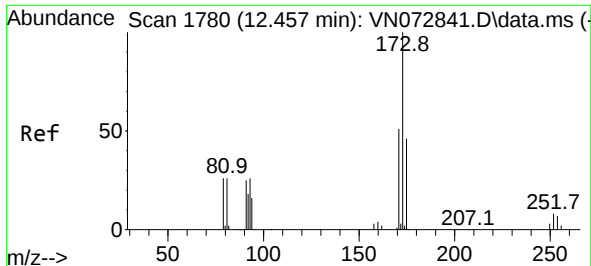
Ion Ratio Lower Upper

104 100

78 53.0 39.5 59.3

103 55.0 44.0 66.0

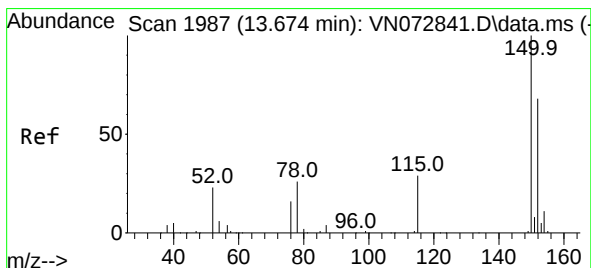
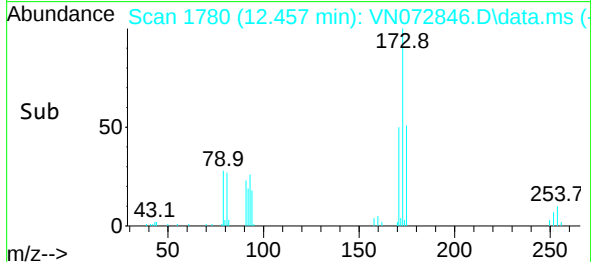
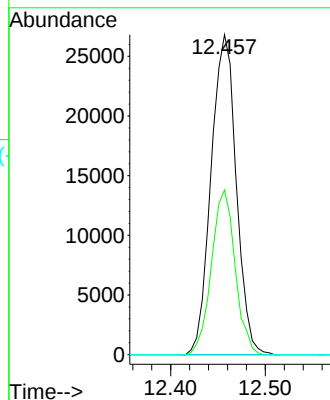
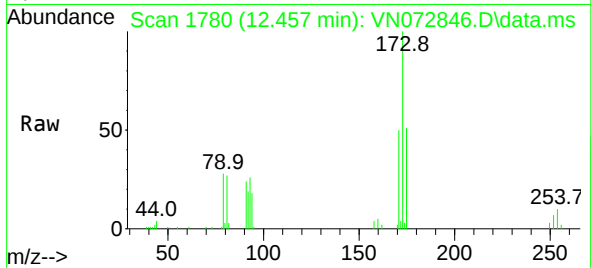




#71  
Bromoform  
Concen: 19.915 ug/l  
RT: 12.457 min Scan# 1780  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

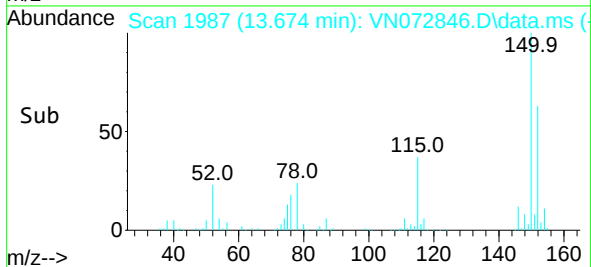
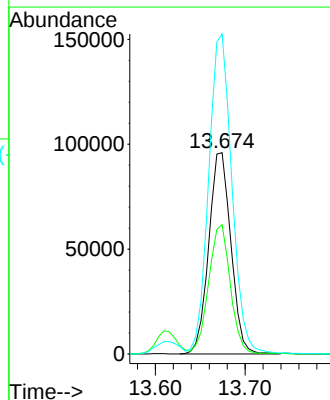
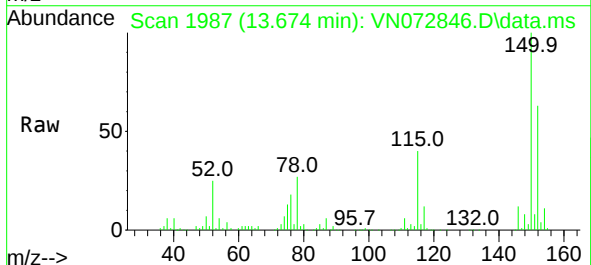
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

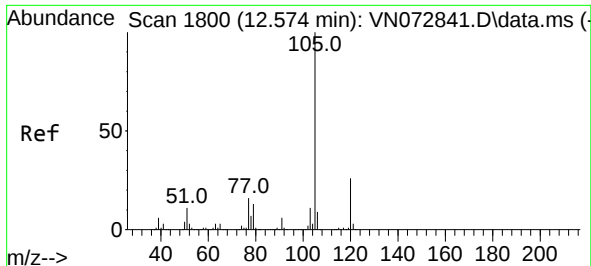
Tgt Ion:173 Resp: 49483  
Ion Ratio Lower Upper  
173 100  
175 48.4 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.674 min Scan# 1987  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion:152 Resp: 164905  
Ion Ratio Lower Upper  
152 100  
115 63.0 28.9 86.7  
150 166.7 0.0 356.2

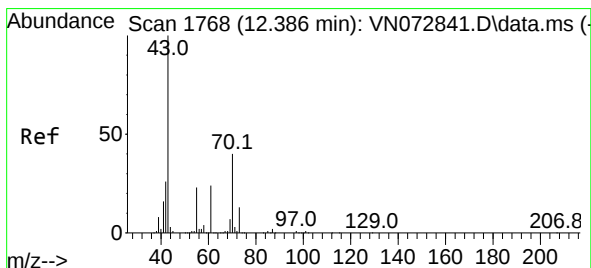
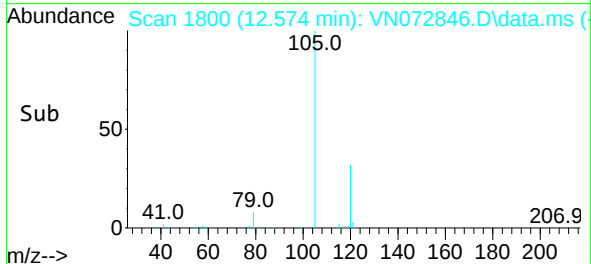
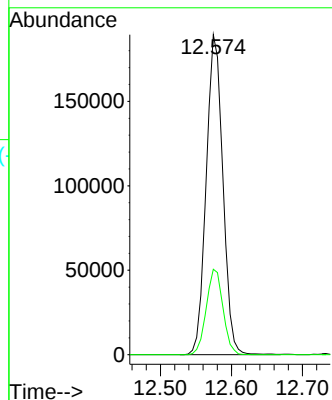
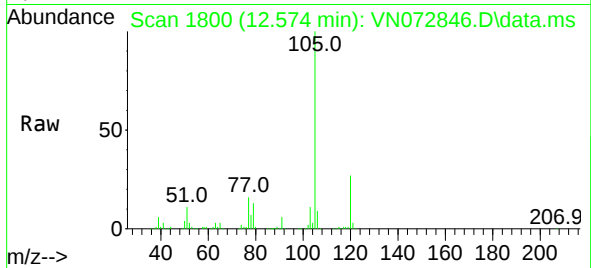




#73  
Isopropylbenzene  
Concen: 20.404 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

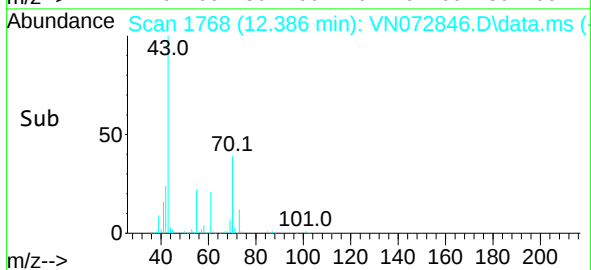
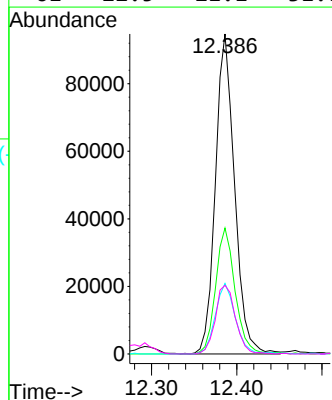
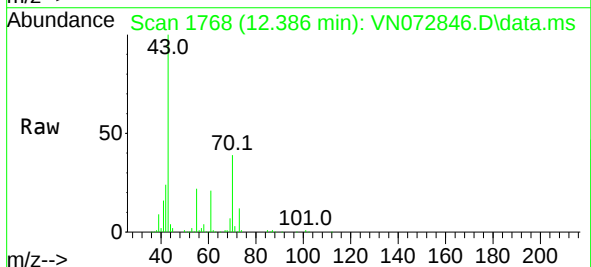
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

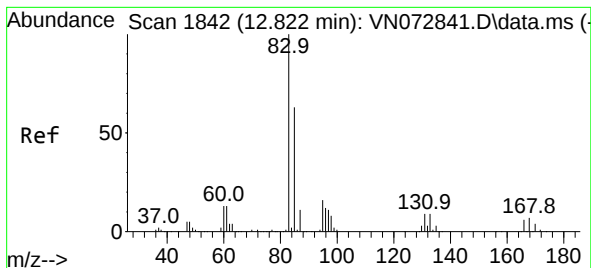
Tgt Ion:105 Resp: 309312  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.5 40.4



#74  
N-ethyl acetate  
Concen: 20.277 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 43 Resp: 148227  
Ion Ratio Lower Upper  
43 100  
70 40.0 39.0 58.4  
55 23.2 21.1 31.7  
61 22.5 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.082 ug/l

RT: 12.827 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

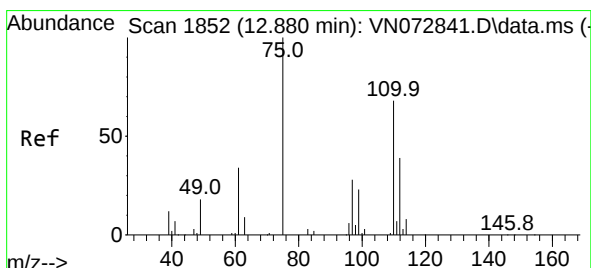
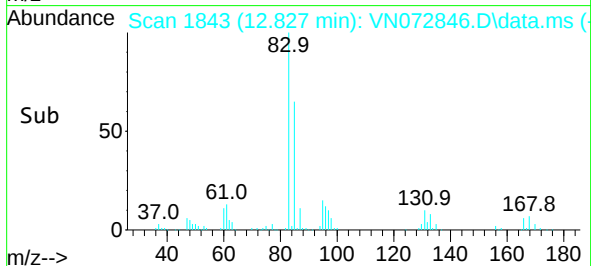
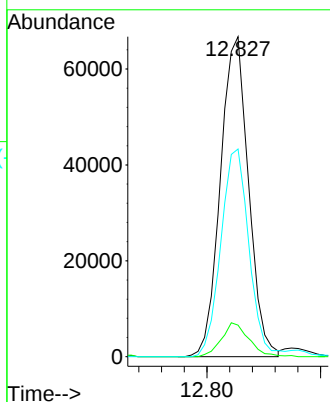
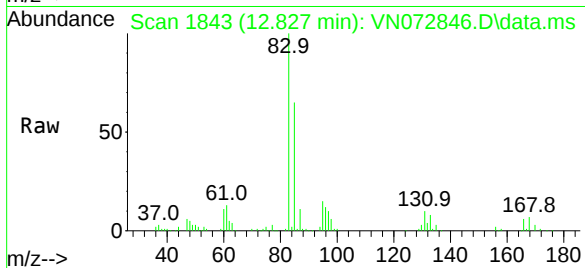
Tgt Ion: 83 Resp: 114772

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

85 64.8 32.3 96.9



#76

1,2,3-Trichloropropane

Concen: 29.790 ug/l

RT: 12.880 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN072846.D

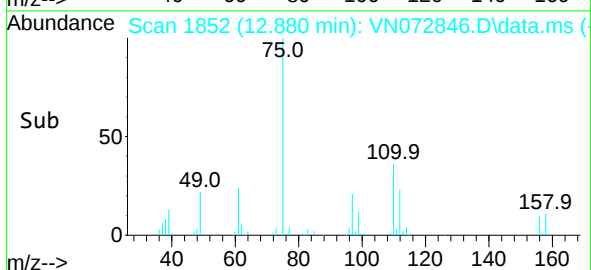
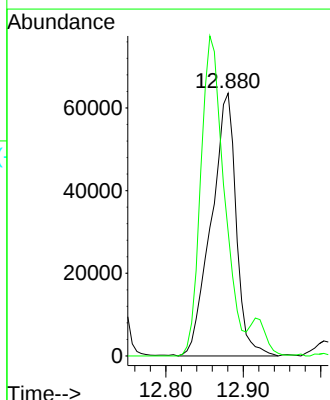
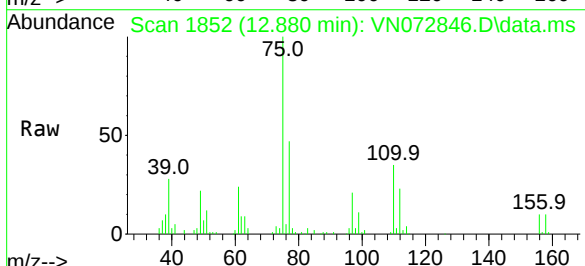
Acq: 14 Jun 2022 21:49

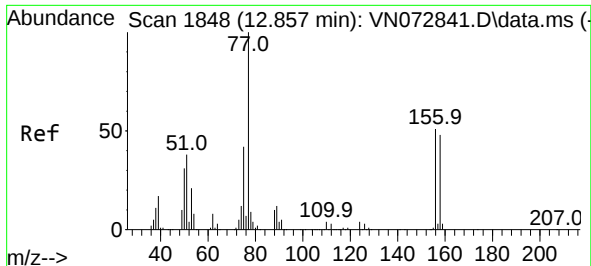
Tgt Ion: 75 Resp: 141700

Ion Ratio Lower Upper

75 100

77 0.0 98.5 295.5#

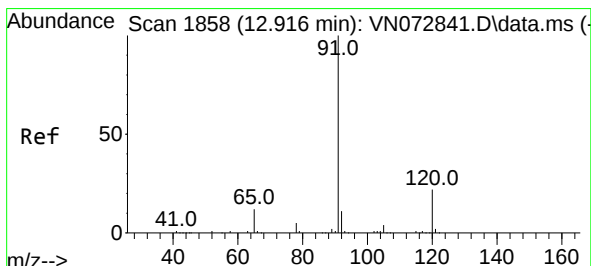
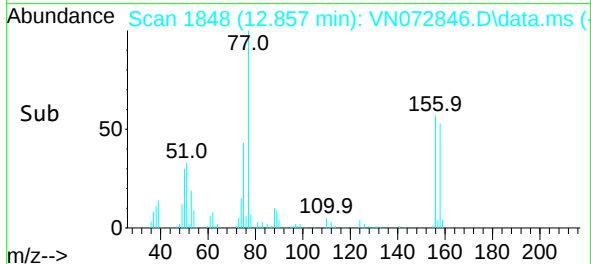
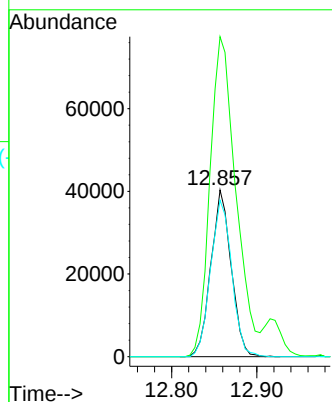
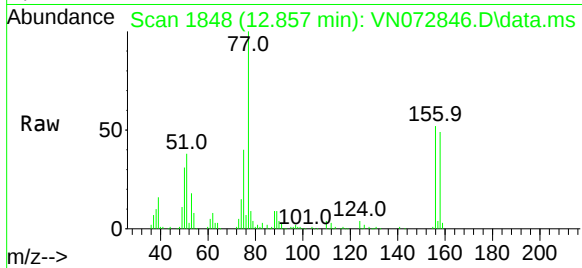




#77  
Bromobenzene  
Concen: 19.438 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

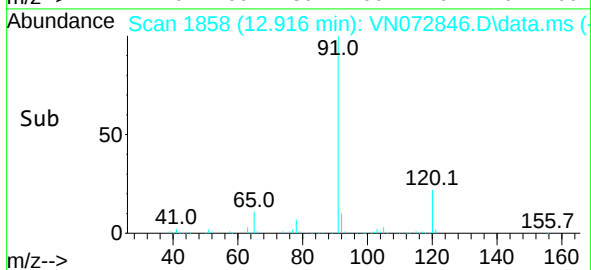
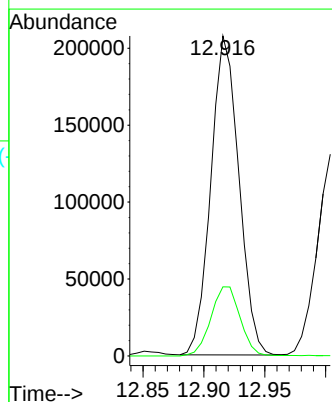
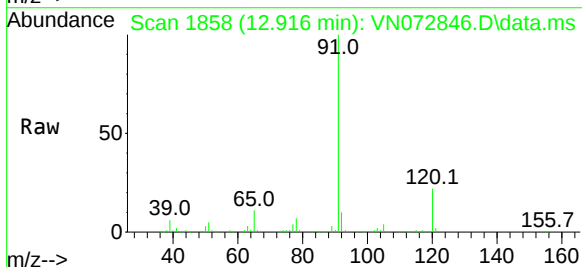
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

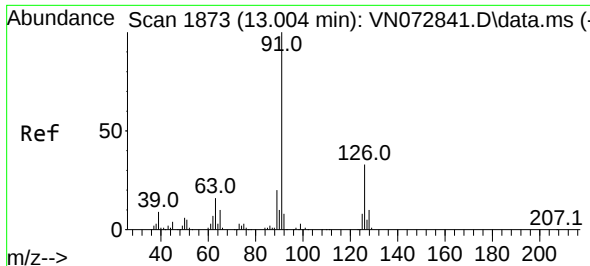
Tgt Ion:156 Resp: 66818  
Ion Ratio Lower Upper  
156 100  
77 244.3 100.5 301.5  
158 97.6 48.9 146.6



#78  
n-propylbenzene  
Concen: 20.099 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 91 Resp: 332379  
Ion Ratio Lower Upper  
91 100  
120 22.7 11.9 35.5

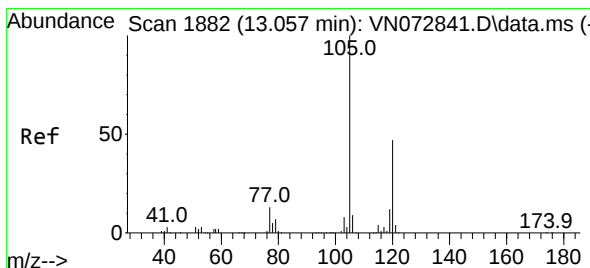
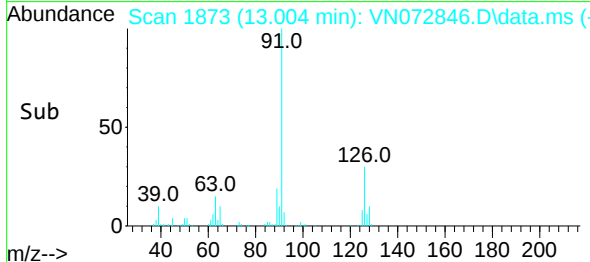
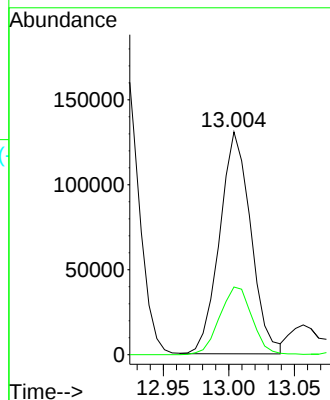
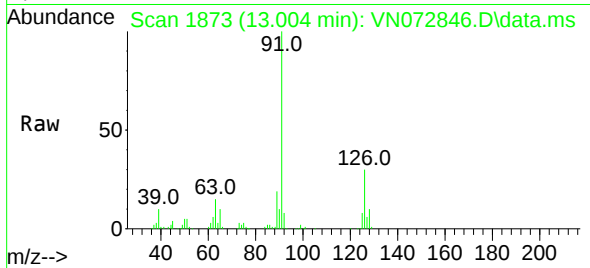




#79  
2-Chlorotoluene  
Concen: 20.039 ug/l  
RT: 13.004 min Scan# 1873  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

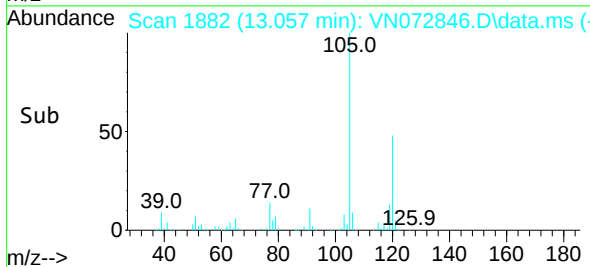
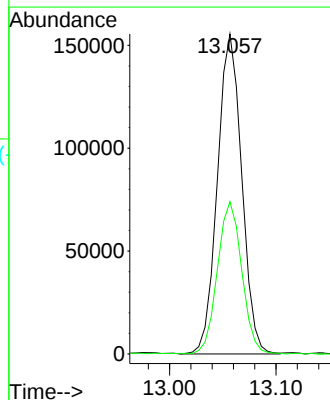
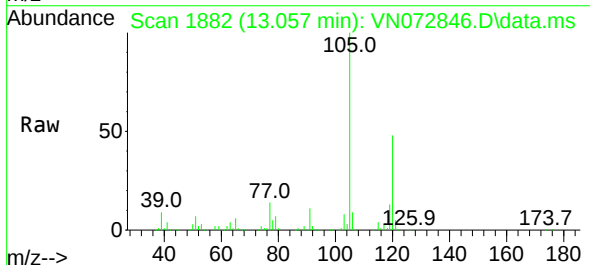
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

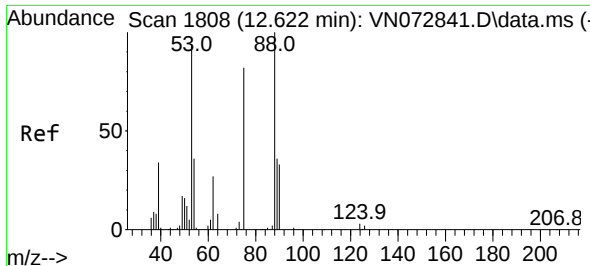
Tgt Ion: 91 Resp: 216147  
Ion Ratio Lower Upper  
91 100  
126 31.6 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 20.453 ug/l  
RT: 13.057 min Scan# 1882  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 105 Resp: 246320  
Ion Ratio Lower Upper  
105 100  
120 47.6 24.9 74.7

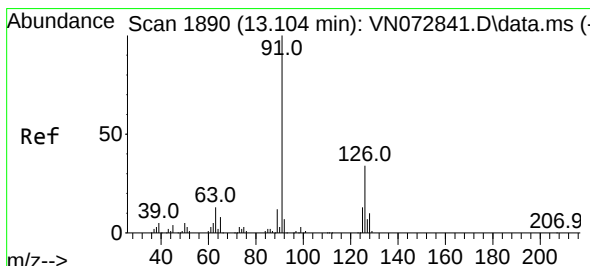
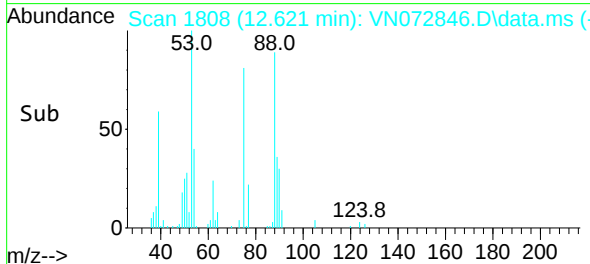
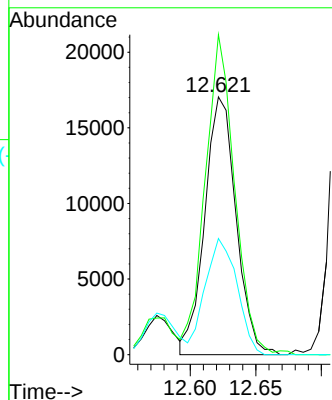
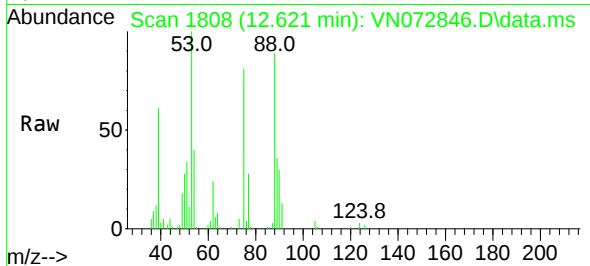




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.495 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. -0.001 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

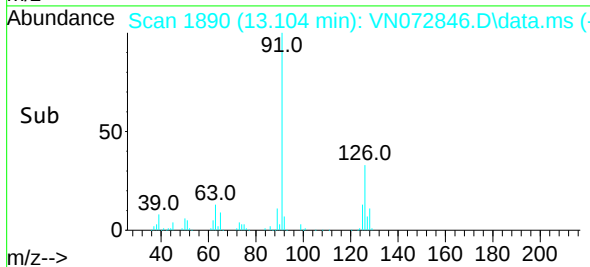
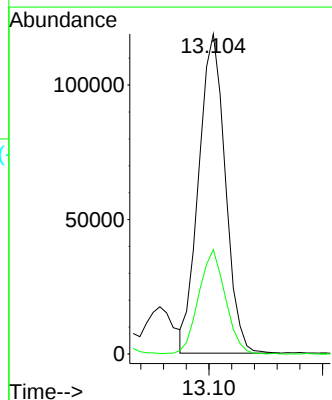
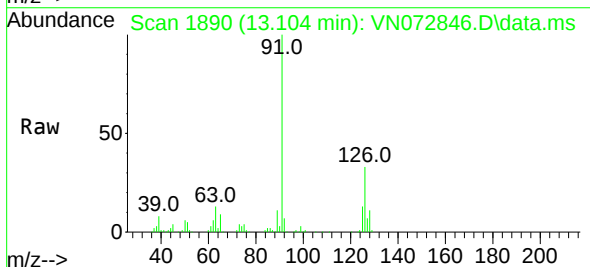
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

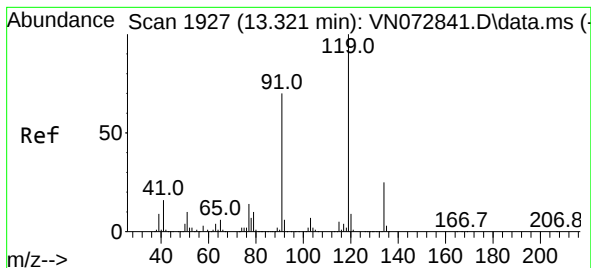
Tgt Ion: 75 Resp: 28288  
Ion Ratio Lower Upper  
75 100  
53 117.1 78.0 117.0#  
89 45.9 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 19.520 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 91 Resp: 192750  
Ion Ratio Lower Upper  
91 100  
126 32.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.109 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

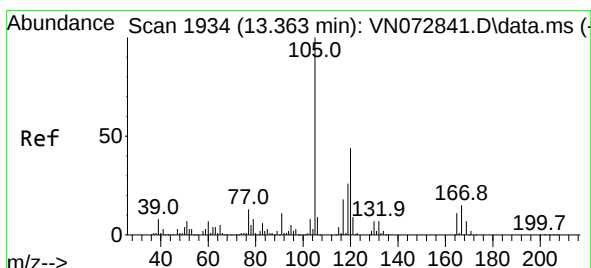
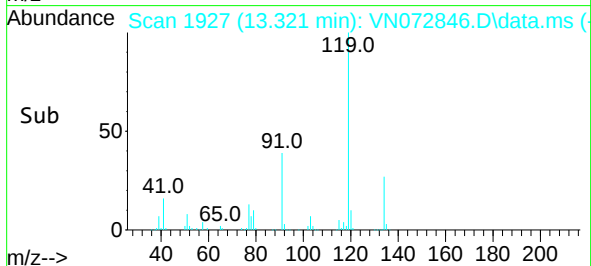
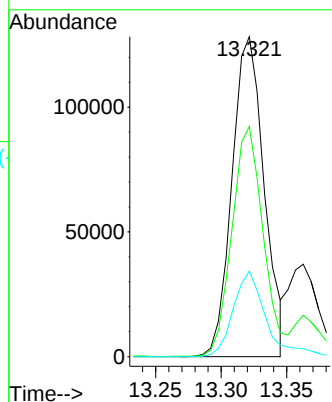
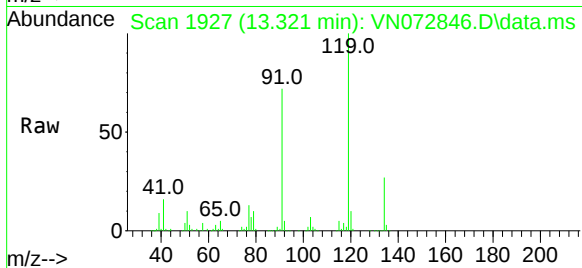
Tgt Ion:119 Resp: 218823

Ion Ratio Lower Upper

119 100

91 70.5 31.6 94.8

134 27.2 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 20.695 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072846.D

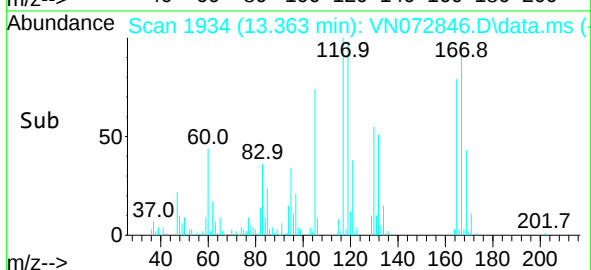
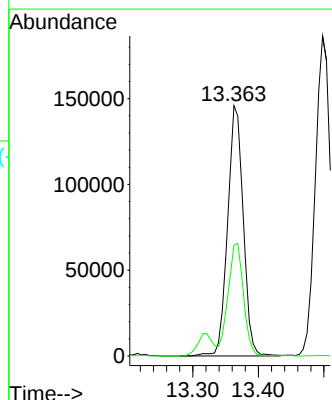
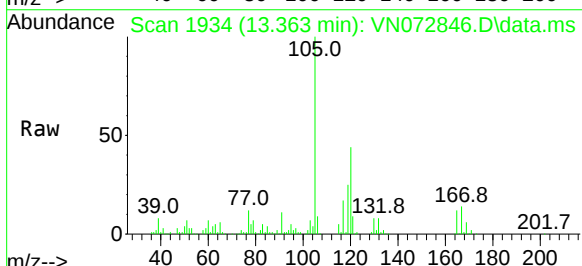
Acq: 14 Jun 2022 21:49

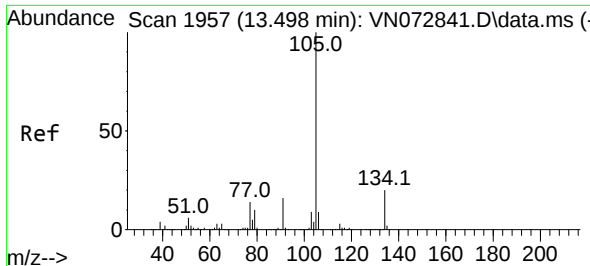
Tgt Ion:105 Resp: 241173

Ion Ratio Lower Upper

105 100

120 44.3 23.3 69.8

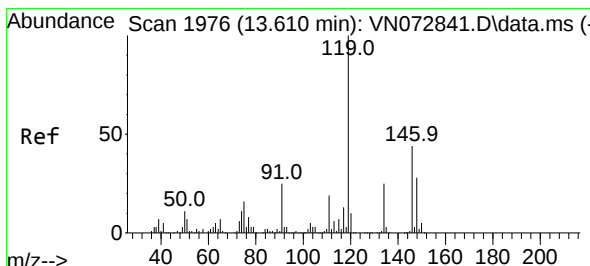
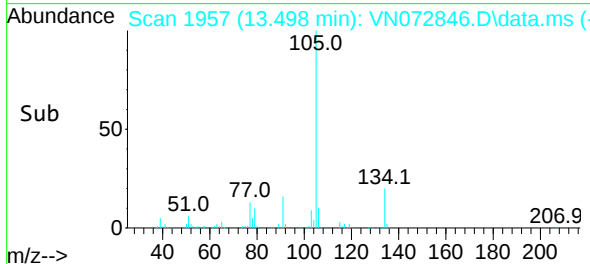
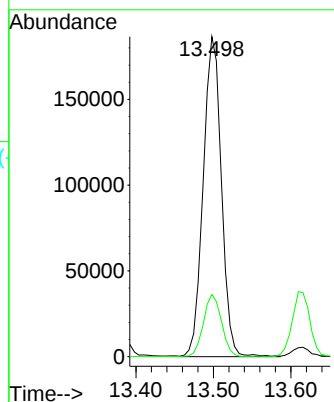
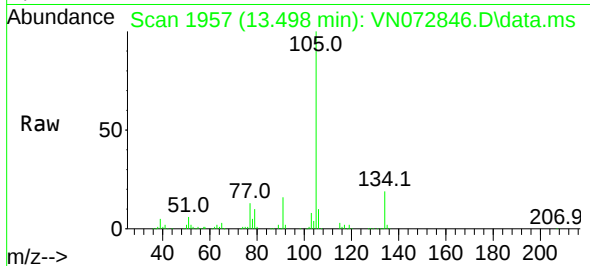




#85  
 sec-Butylbenzene  
 Concen: 20.908 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

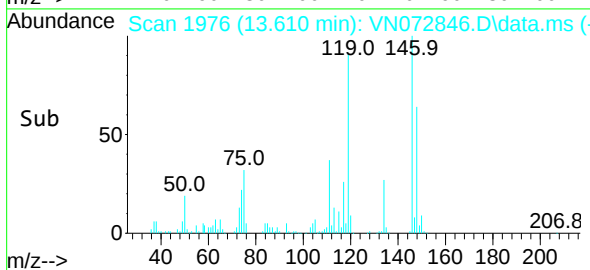
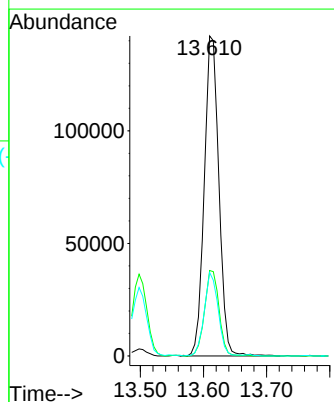
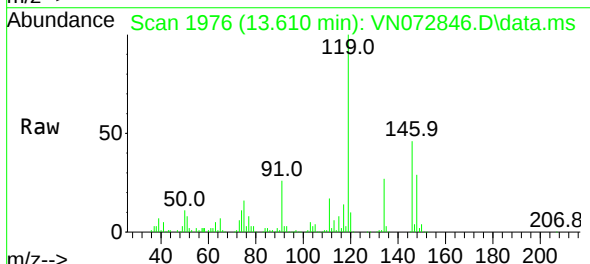
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0614WBS01

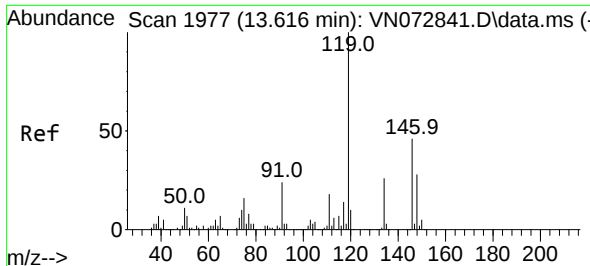
Tgt Ion:105 Resp: 304080  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 20.196 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

Tgt Ion:119 Resp: 228895  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.3 39.8  
 91 24.8 11.3 33.9

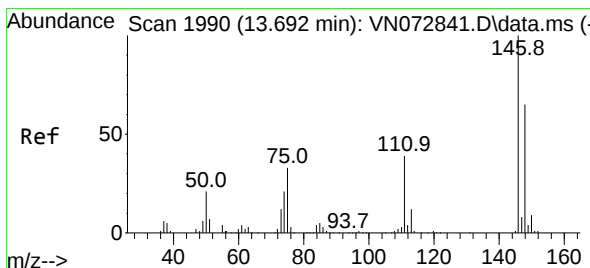
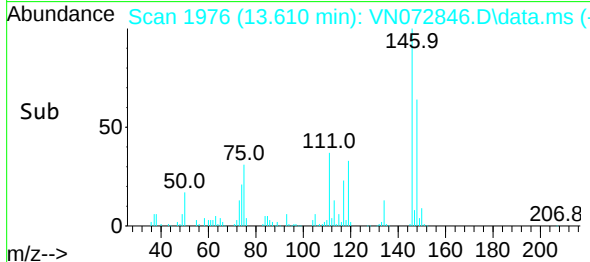
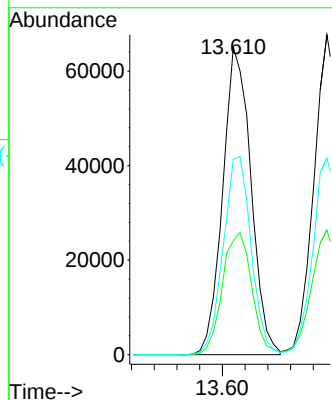
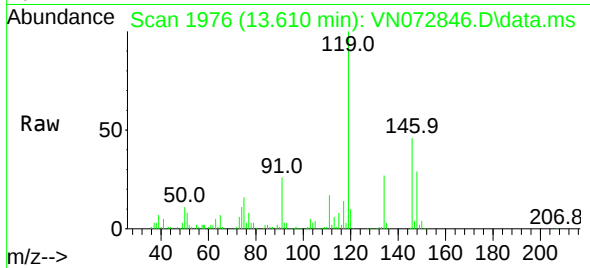




#87  
 1,3-Dichlorobenzene  
 Concen: 20.062 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.006 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

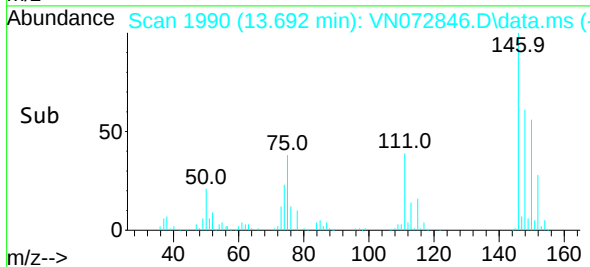
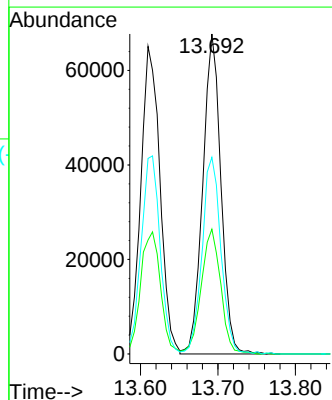
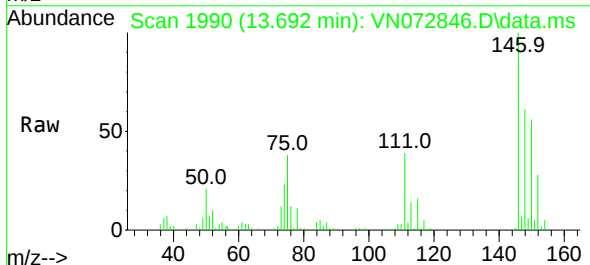
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 ClientSampleId :  
 VN0614WBS01

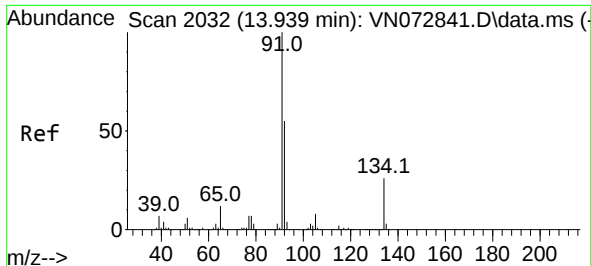
Tgt Ion:146 Resp: 112212  
 Ion Ratio Lower Upper  
 146 100  
 111 41.2 20.0 60.0  
 148 63.8 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 19.446 ug/l  
 RT: 13.692 min Scan# 1990  
 Delta R.T. 0.000 min  
 Lab File: VN072846.D  
 Acq: 14 Jun 2022 21:49

Tgt Ion:146 Resp: 110084  
 Ion Ratio Lower Upper  
 146 100  
 111 41.8 19.1 57.1  
 148 64.4 31.4 94.3

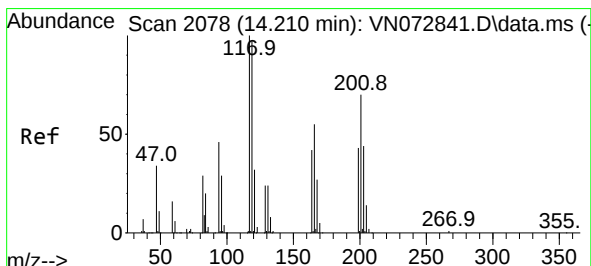
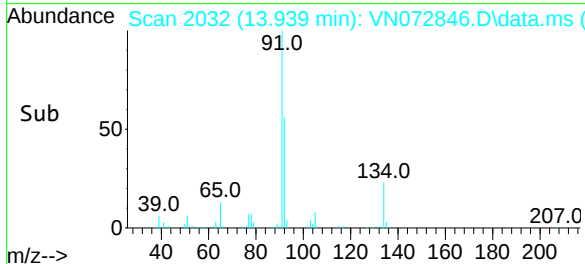
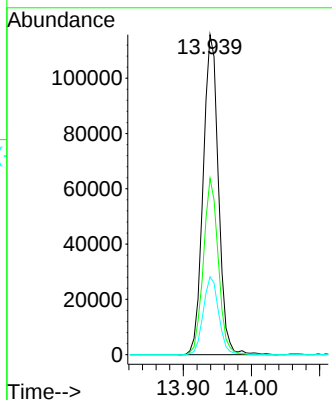
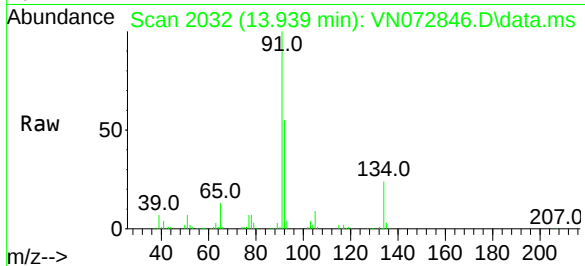




#89  
n-Butylbenzene  
Concen: 19.834 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

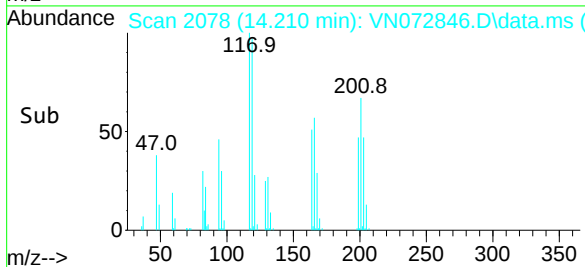
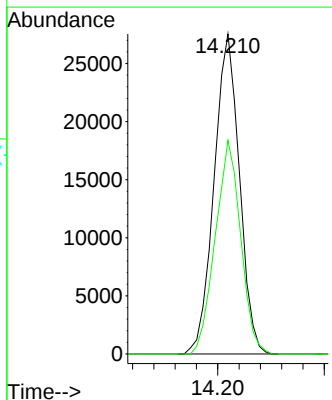
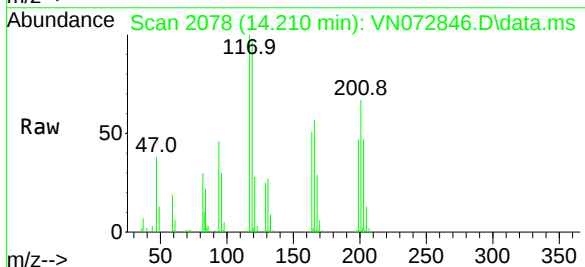
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ClientSampleId :  
VN0614WBS01

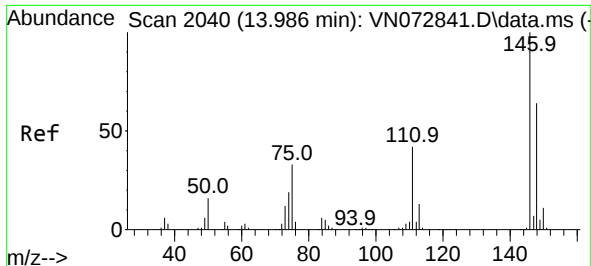
Tgt Ion: 91 Resp: 180812  
Ion Ratio Lower Upper  
91 100  
92 53.6 26.9 80.7  
134 24.6 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.167 ug/l  
RT: 14.210 min Scan# 2078  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion: 117 Resp: 45382  
Ion Ratio Lower Upper  
117 100  
201 66.9 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 20.270 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

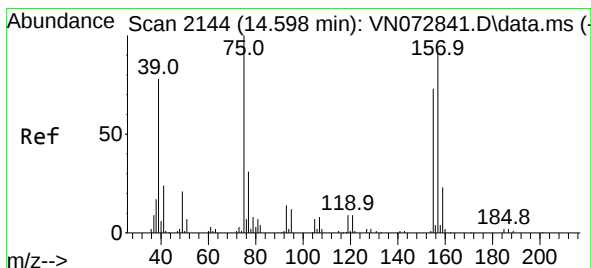
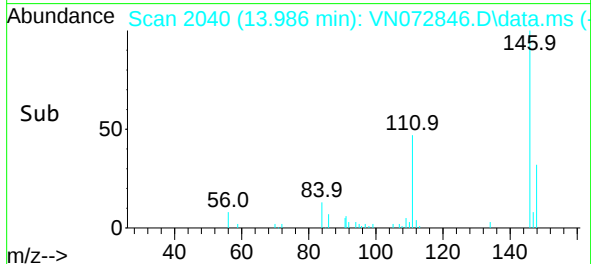
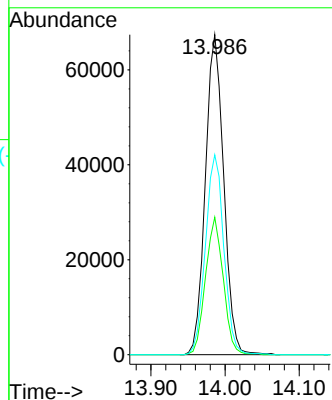
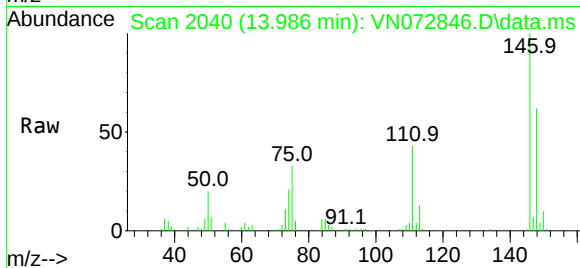
Tgt Ion:146 Resp: 116145

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.8

148 62.8 32.1 96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.098 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

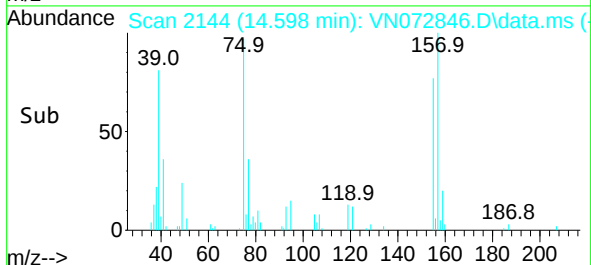
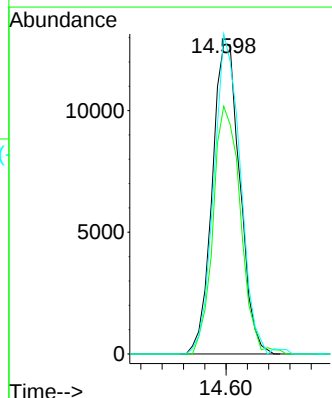
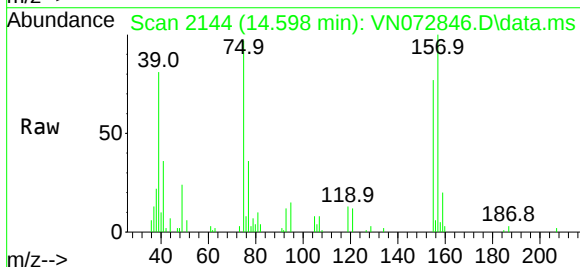
Tgt Ion: 75 Resp: 22948

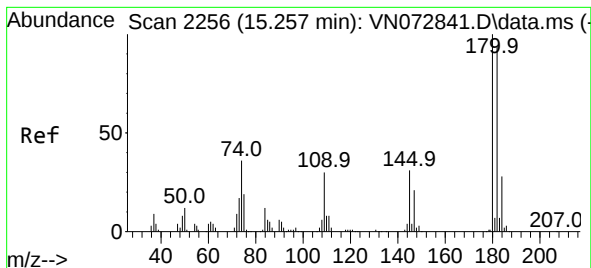
Ion Ratio Lower Upper

75 100

155 79.0 44.9 134.5

157 98.6 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.096 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.005 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

Instrument :

MSVOA\_N

ClientSampleId :

VN0614WBS01

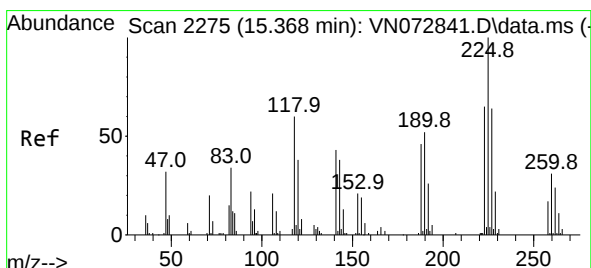
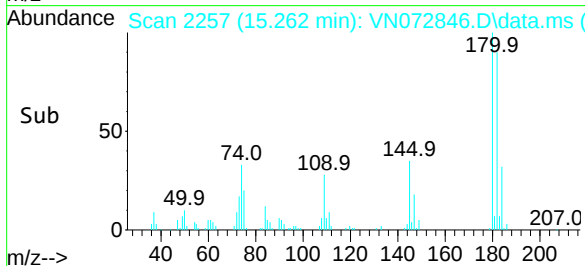
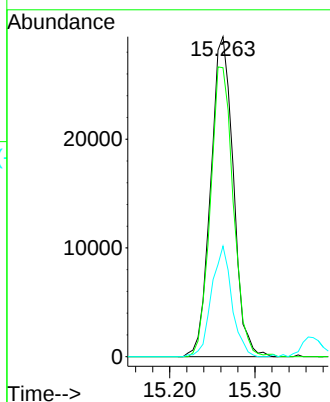
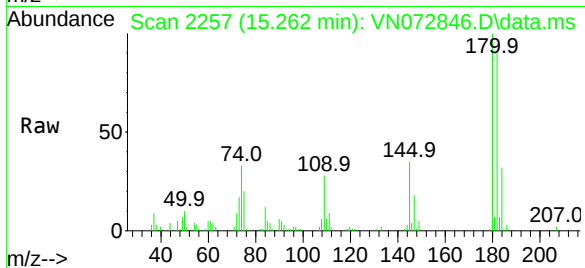
Tgt Ion:180 Resp: 54451

Ion Ratio Lower Upper

180 100

182 91.3 47.5 142.5

145 31.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.414 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.000 min

Lab File: VN072846.D

Acq: 14 Jun 2022 21:49

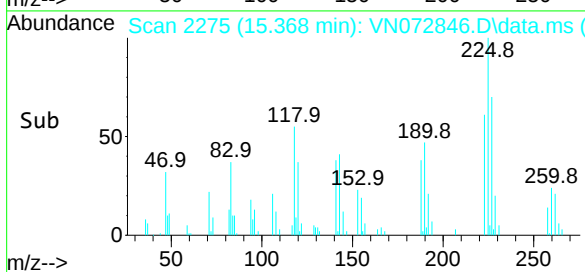
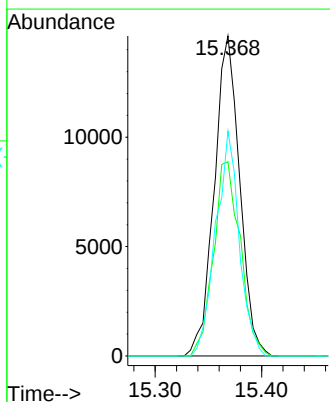
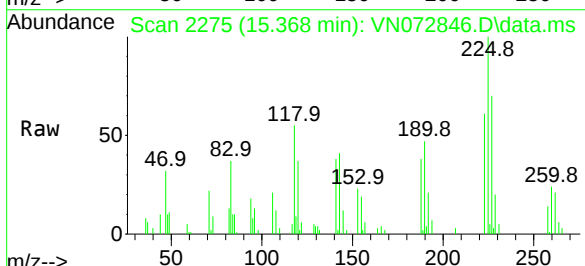
Tgt Ion:225 Resp: 24254

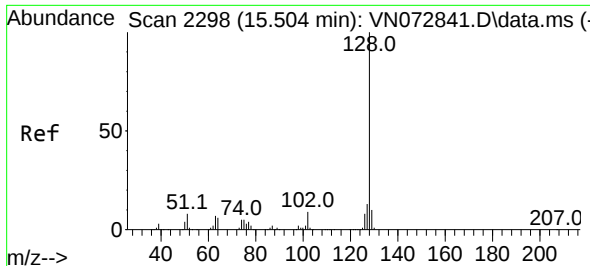
Ion Ratio Lower Upper

225 100

223 63.9 32.4 97.2

227 65.1 31.8 95.4

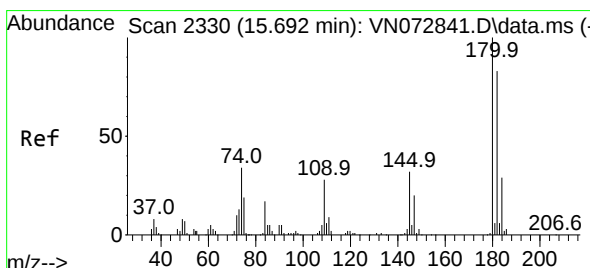
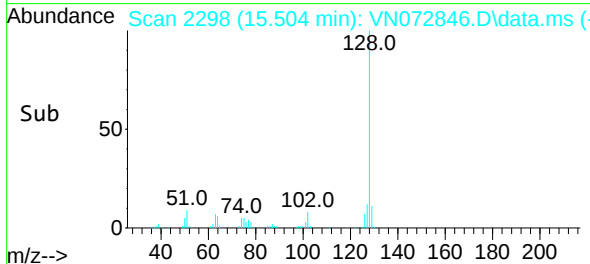
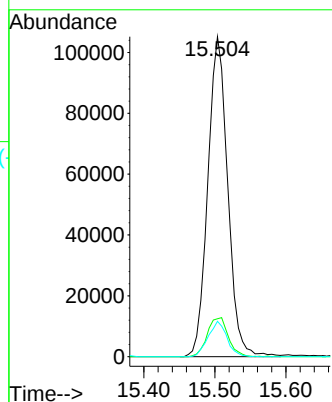
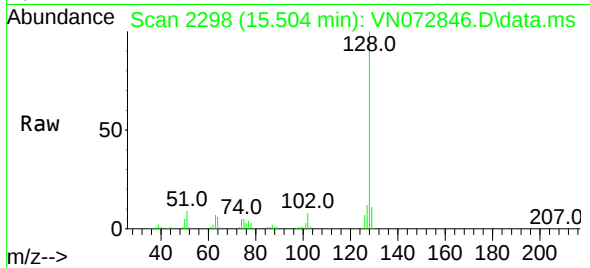




#95  
Naphthalene  
Concen: 19.777 ug/l  
RT: 15.504 min Scan# 2298  
Delta R.T. -0.000 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0614WBS01

Tgt Ion:128 Resp: 205126  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.3 15.5  
129 10.5 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 20.471 ug/l  
RT: 15.698 min Scan# 2331  
Delta R.T. 0.006 min  
Lab File: VN072846.D  
Acq: 14 Jun 2022 21:49

Tgt Ion:180 Resp: 56988  
Ion Ratio Lower Upper  
180 100  
182 94.9 47.8 143.3  
145 34.0 15.5 46.5

