

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052022\  
 Data File : VN072571.D  
 Acq On : 20 May 2022 12:35  
 Operator : JC\MD  
 Sample : VN0520WBS01  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

Quant Time: May 21 01:31:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051822W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 02:22:47 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 8.081  | 168  | 195228   | 50.000 | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene    | 8.963  | 114  | 289822   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.739 | 117  | 278137   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.668 | 152  | 123599   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.433  | 65    | 149071   | 49.145   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 98.280%  |
| 35) Dibromofluoromethane    | 8.016  | 113   | 104401   | 53.388   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 106.780% |
| 50) Toluene-d8              | 10.439 | 98    | 386786   | 52.254   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 104.500% |
| 62) 4-Bromofluorobenzene    | 12.727 | 95    | 137103   | 48.761   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 97.520%  |

|                              |       |     |        |         |        |      |
|------------------------------|-------|-----|--------|---------|--------|------|
| Target Compounds             |       |     |        |         | Qvalue |      |
| 2) Dichlorodifluoromethane   | 2.069 | 85  | 42576  | 19.051  | ug/l   | 95   |
| 3) Chloromethane             | 2.299 | 50  | 36564  | 18.097  | ug/l   | 93   |
| 4) Vinyl Chloride            | 2.440 | 62  | 34289  | 20.794  | ug/l   | 93   |
| 5) Bromomethane              | 2.834 | 94  | 25139  | 16.242  | ug/l   | 93   |
| 6) Chloroethane              | 2.999 | 64  | 22397  | 15.628  | ug/l   | 98   |
| 7) Trichlorofluoromethane    | 3.369 | 101 | 71728  | 18.846  | ug/l   | 95   |
| 8) Diethyl Ether             | 3.828 | 74  | 19997  | 17.692  | ug/l   | 85   |
| 9) 1,1,2-Trichlorotrifluo... | 4.216 | 101 | 33989  | 18.755  | ug/l   | 94   |
| 10) Methyl Iodide            | 4.422 | 142 | 47185  | 20.384  | ug/l   | # 85 |
| 11) Tert butyl alcohol       | 5.363 | 59  | 38918  | 140.257 | ug/l   | 98   |
| 12) 1,1-Dichloroethene       | 4.181 | 96  | 29034  | 18.225  | ug/l   | 83   |
| 13) Acrolein                 | 4.034 | 56  | 27831  | 72.285  | ug/l   | 99   |
| 14) Allyl chloride           | 4.845 | 41  | 56740  | 20.939  | ug/l   | 91   |
| 15) Acrylonitrile            | 5.551 | 53  | 106076 | 98.993  | ug/l   | 97   |
| 16) Acetone                  | 4.281 | 43  | 88856  | 96.638  | ug/l   | # 86 |
| 17) Carbon Disulfide         | 4.534 | 76  | 85296  | 20.674  | ug/l   | 97   |
| 18) Methyl Acetate           | 4.851 | 43  | 50382  | 19.934  | ug/l   | 99   |
| 19) Methyl tert-butyl Ether  | 5.604 | 73  | 140669 | 21.381  | ug/l   | 94   |
| 20) Methylene Chloride       | 5.087 | 84  | 42612  | 19.520  | ug/l   | 97   |
| 21) trans-1,2-Dichloroethene | 5.593 | 96  | 37302  | 20.893  | ug/l   | 93   |
| 22) Diisopropyl ether        | 6.492 | 45  | 126207 | 21.151  | ug/l   | 96   |
| 23) Vinyl Acetate            | 6.428 | 43  | 541170 | 104.899 | ug/l   | 96   |
| 24) 1,1-Dichloroethane       | 6.392 | 63  | 75148  | 20.708  | ug/l   | 98   |
| 25) 2-Butanone               | 7.334 | 43  | 142034 | 98.244  | ug/l   | 91   |
| 26) 2,2-Dichloropropane      | 7.316 | 77  | 70879  | 21.054  | ug/l   | 97   |
| 27) cis-1,2-Dichloroethene   | 7.322 | 96  | 43361  | 19.721  | ug/l   | 90   |
| 28) Bromochloromethane       | 7.657 | 49  | 29696  | 20.018  | ug/l   | 95   |
| 29) Tetrahydrofuran          | 7.686 | 42  | 92585  | 105.823 | ug/l   | 97   |
| 30) Chloroform               | 7.816 | 83  | 85122  | 20.496  | ug/l   | 100  |
| 31) Cyclohexane              | 8.092 | 56  | 64864  | 19.238  | ug/l   | 98   |
| 32) 1,1,1-Trichloroethane    | 8.016 | 97  | 80522  | 21.011  | ug/l   | 96   |
| 36) 1,1-Dichloropropene      | 8.216 | 75  | 57102  | 21.449  | ug/l   | 98   |
| 37) Ethyl Acetate            | 7.404 | 43  | 61307  | 20.956  | ug/l   | 98   |
| 38) Carbon Tetrachloride     | 8.204 | 117 | 70135  | 21.285  | ug/l   | 98   |
| 39) Methylcyclohexane        | 9.457 | 83  | 67847  | 21.837  | ug/l   | 97   |
| 40) Benzene                  | 8.457 | 78  | 167042 | 21.474  | ug/l   | 95   |

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 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :  
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 Quant Title : SW846 8260  
 QLast Update : Thu May 19 02:22:47 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.634  | 41   | 31112    | 22.168  | ug/l   | 90       |
| 42) 1,2-Dichloroethane        | 8.528  | 62   | 77233    | 21.396  | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.557  | 43   | 96256    | 20.460  | ug/l   | 99       |
| 44) Trichloroethene           | 9.216  | 130  | 47286    | 22.359  | ug/l   | 91       |
| 45) 1,2-Dichloropropane       | 9.486  | 63   | 41467    | 21.686  | ug/l   | 99       |
| 46) Dibromomethane            | 9.575  | 93   | 31772    | 21.978  | ug/l   | 95       |
| 47) Bromodichloromethane      | 9.763  | 83   | 67707    | 22.474  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.557  | 41   | 42242    | 18.858  | ug/l # | 91       |
| 49) 1,4-Dioxane               | 9.563  | 88   | 15122    | 775.437 | ug/l # | 92       |
| 51) 4-Methyl-2-Pentanone      | 10.327 | 43   | 293466   | 94.534  | ug/l   | 95       |
| 52) Toluene                   | 10.498 | 92   | 112349   | 22.275  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.716 | 75   | 67160    | 20.761  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.186 | 75   | 69102    | 21.636  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.892 | 97   | 43060    | 19.644  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.757 | 69   | 63933    | 19.478  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 11.045 | 76   | 71512    | 19.350  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.039 | 63   | 71042    | 88.651  | ug/l   | 100      |
| 59) 2-Hexanone                | 11.080 | 43   | 192451   | 89.192  | ug/l   | 93       |
| 60) Dibromochloromethane      | 11.233 | 129  | 45557    | 18.190  | ug/l   | 96       |
| 61) 1,2-Dibromoethane         | 11.339 | 107  | 41948    | 18.454  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.969 | 164  | 43302    | 22.435  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.763 | 112  | 117663   | 20.645  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane | 11.839 | 131  | 48243    | 21.080  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.839 | 91   | 208437   | 21.128  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.951 | 106  | 163190   | 42.967  | ug/l   | 94       |
| 69) o-Xylene                  | 12.274 | 106  | 79708    | 20.601  | ug/l   | 97       |
| 70) Styrene                   | 12.292 | 104  | 124414   | 20.886  | ug/l   | 94       |
| 71) Bromoform                 | 12.451 | 173  | 37432    | 21.254  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.574 | 105  | 210475   | 20.597  | ug/l   | 98       |
| 74) N-amyl acetate            | 12.386 | 43   | 59894    | 17.596  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.821 | 83   | 64133    | 20.718  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.874 | 75   | 79935    | 21.409  | ug/l   | 50       |
| 77) Bromobenzene              | 12.857 | 156  | 50765    | 19.394  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.916 | 91   | 224203   | 20.061  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 13.004 | 91   | 148008   | 19.769  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 13.057 | 105  | 181683   | 20.501  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-b... | 12.621 | 75   | 17172    | 19.173  | ug/l   | 86       |
| 82) 4-Chlorotoluene           | 13.104 | 91   | 139870   | 20.055  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.321 | 119  | 158599   | 21.071  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene    | 13.363 | 105  | 177577   | 20.889  | ug/l   | 95       |
| 85) sec-Butylbenzene          | 13.498 | 105  | 202187   | 20.684  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.610 | 119  | 170226   | 21.176  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene       | 13.610 | 146  | 87055    | 20.305  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.692 | 146  | 84546    | 20.273  | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.939 | 91   | 116052   | 19.071  | ug/l   | 98       |
| 90) Hexachloroethane          | 14.204 | 117  | 29846    | 20.752  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.986 | 146  | 85360    | 19.851  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.598 | 75   | 13187    | 20.135  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 15.257 | 180  | 34316    | 18.263  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.362 | 225  | 22962    | 19.458  | ug/l   | 98       |
| 95) Naphthalene               | 15.504 | 128  | 84818    | 15.578  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.698 | 180  | 34532    | 17.818  | ug/l   | 99       |

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Quant Title : SW846 8260  
QLast Update : Thu May 19 02:22:47 2022  
Response via : Initial Calibration

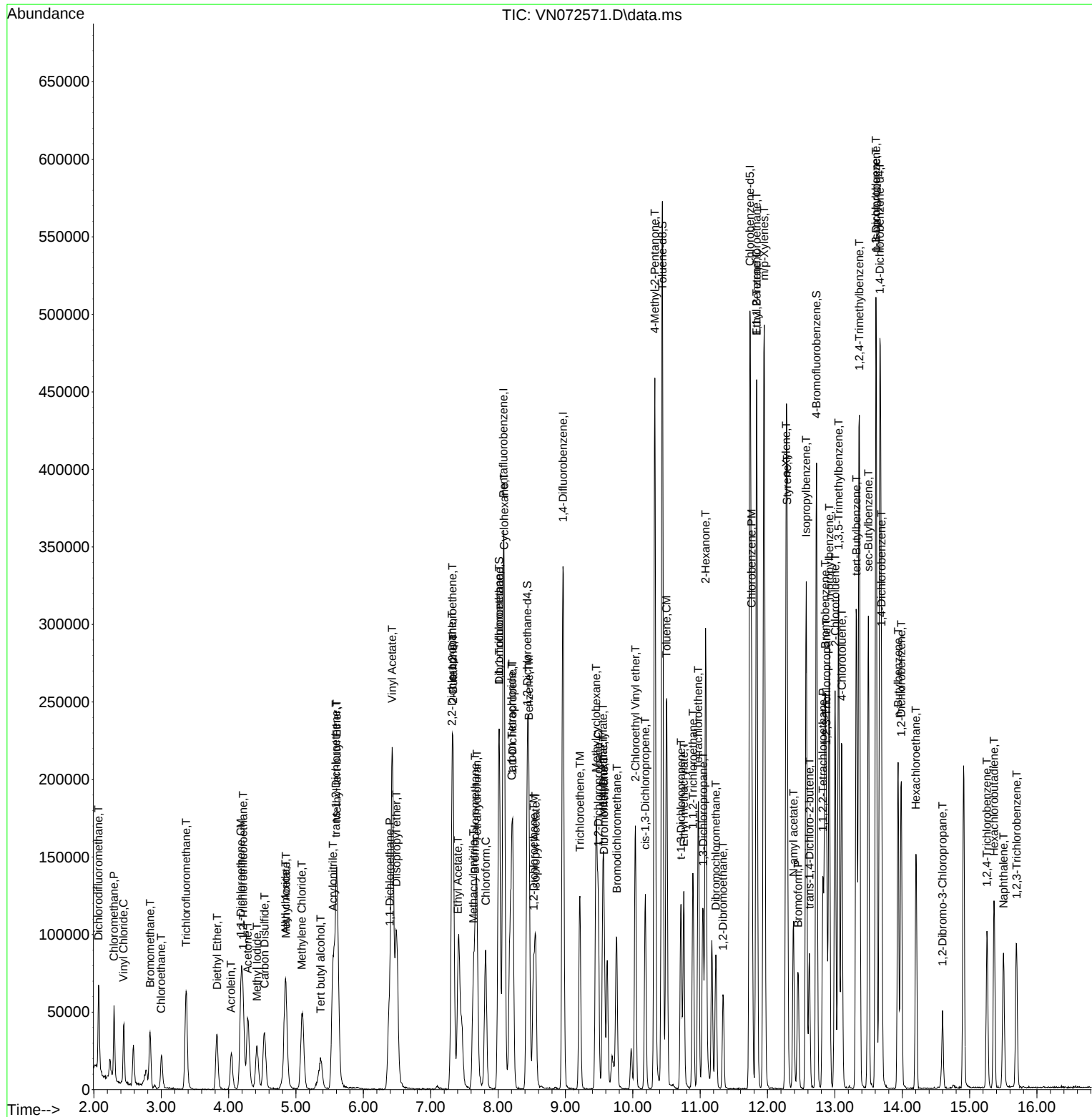
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

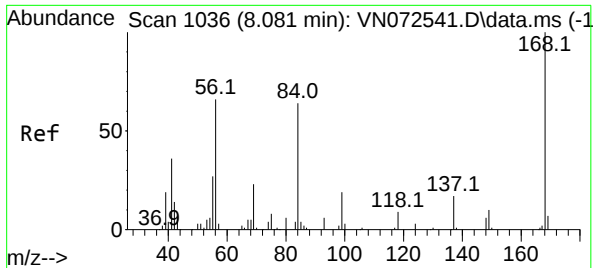
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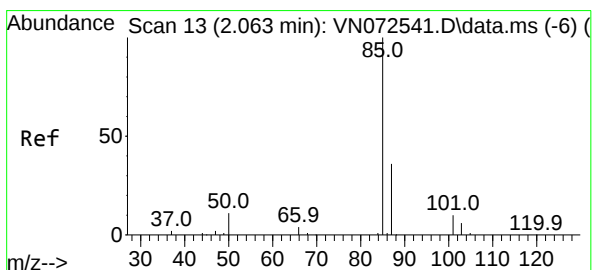
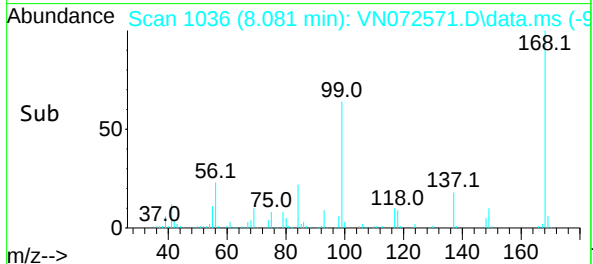
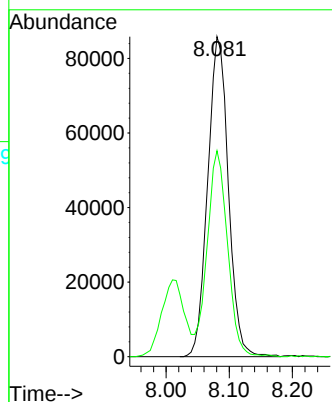
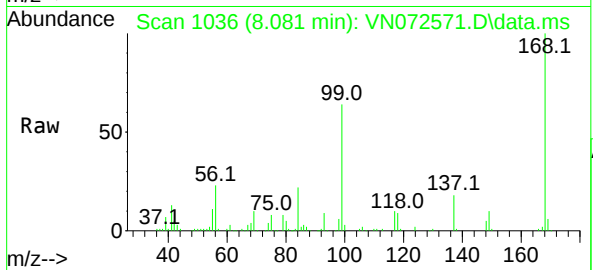




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.081 min Scan# 10  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

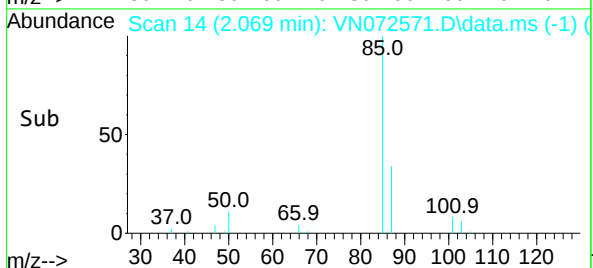
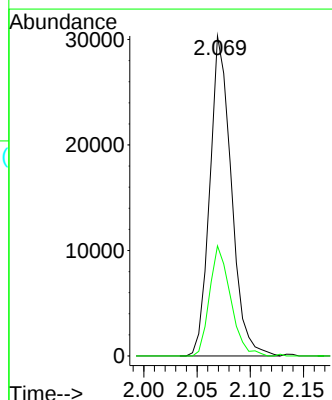
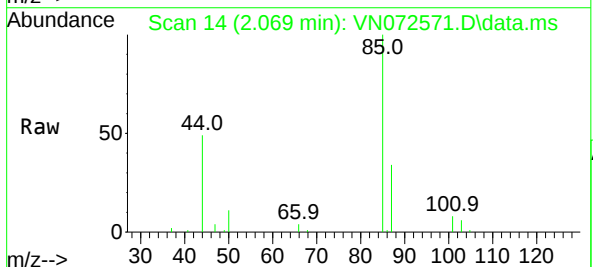
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

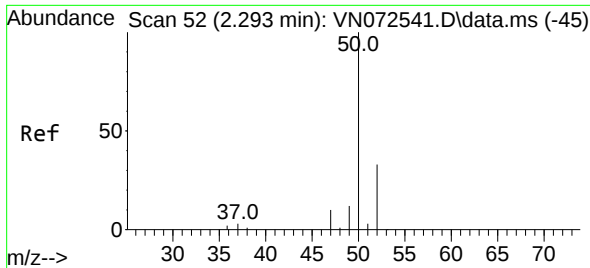
Tgt Ion:168 Resp: 195228  
Ion Ratio Lower Upper  
168 100  
99 64.3 42.3 63.5#



#2  
Dichlorodifluoromethane  
Concen: 19.051 ug/l  
RT: 2.069 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 85 Resp: 42576  
Ion Ratio Lower Upper  
85 100  
87 34.4 15.7 47.1

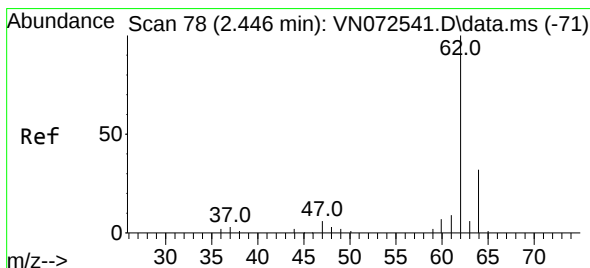
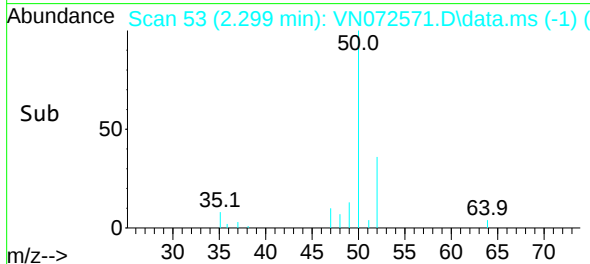
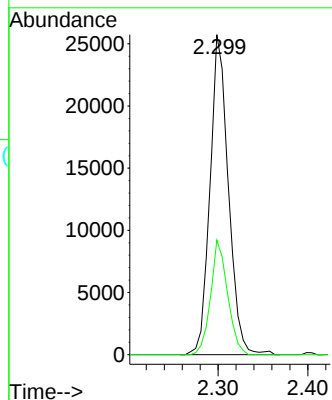
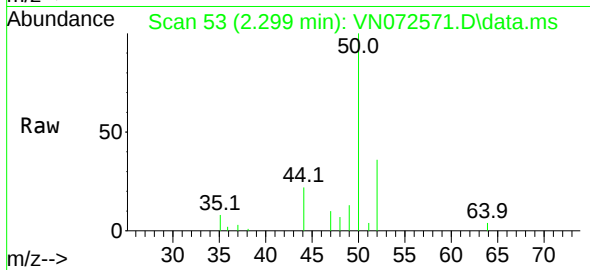




#3  
Chloromethane  
Concen: 18.097 ug/l  
RT: 2.299 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

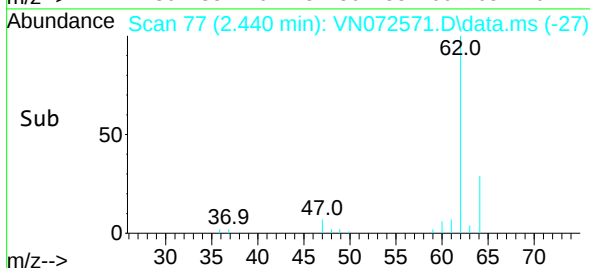
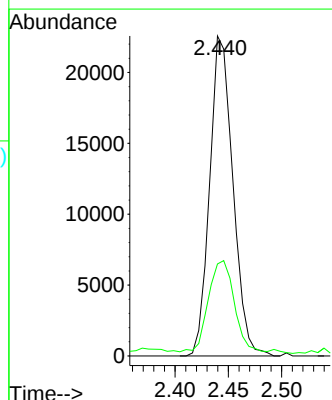
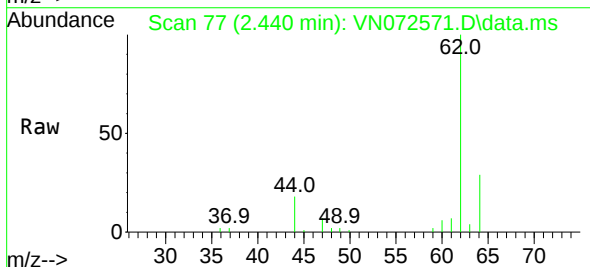
Instrument :  
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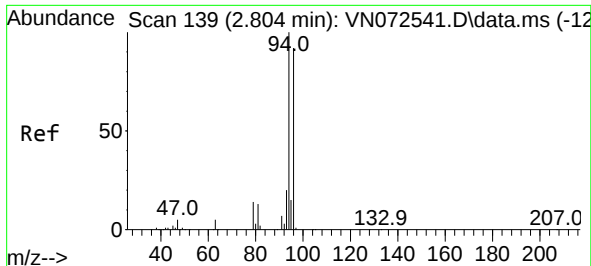
Tgt Ion: 50 Resp: 36564  
Ion Ratio Lower Upper  
50 100  
52 35.8 25.7 38.5



#4  
Vinyl Chloride  
Concen: 20.794 ug/l  
RT: 2.440 min Scan# 77  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 62 Resp: 34289  
Ion Ratio Lower Upper  
62 100  
64 27.5 25.0 37.4

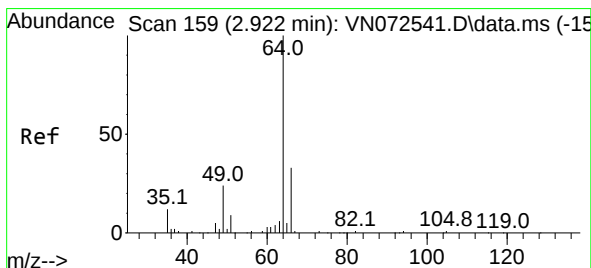
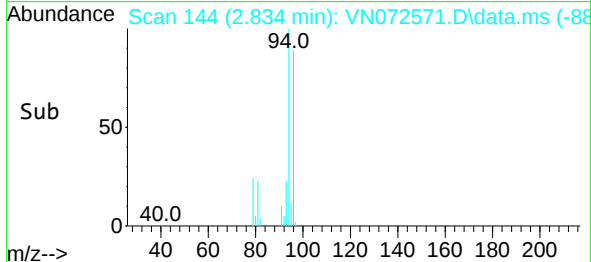
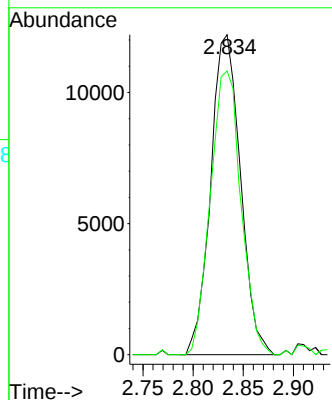
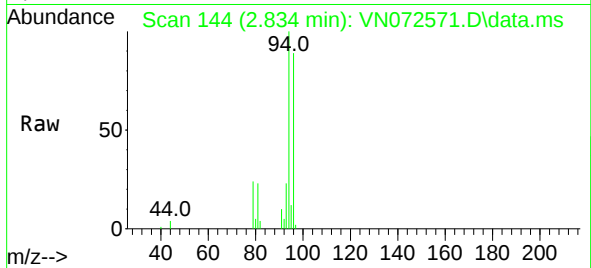




#5  
Bromomethane  
Concen: 16.242 ug/l  
RT: 2.834 min Scan# 14  
Delta R.T. 0.030 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

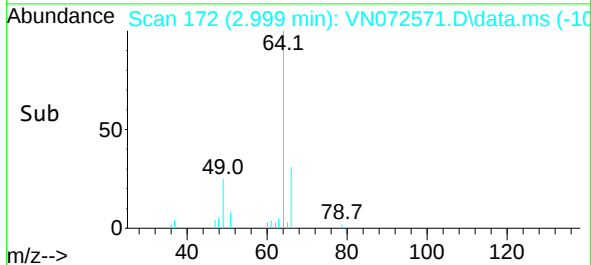
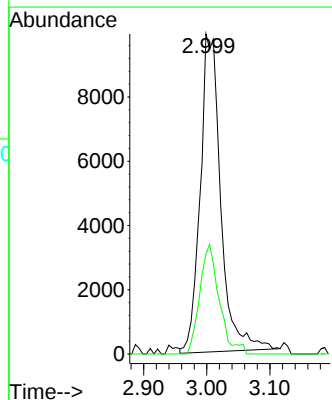
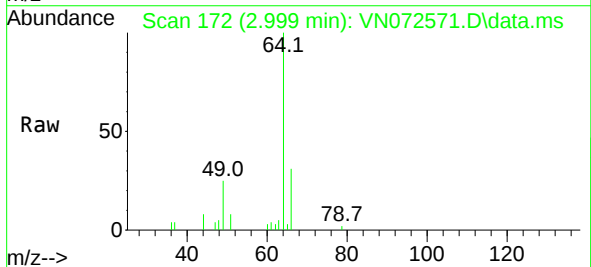
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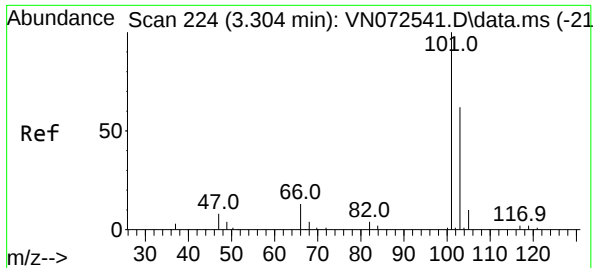
Tgt Ion: 94 Resp: 25139  
Ion Ratio Lower Upper  
94 100  
96 88.7 76.0 114.0



#6  
Chloroethane  
Concen: 15.628 ug/l  
RT: 2.999 min Scan# 172  
Delta R.T. 0.077 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 64 Resp: 22397  
Ion Ratio Lower Upper  
64 100  
66 31.8 26.2 39.4

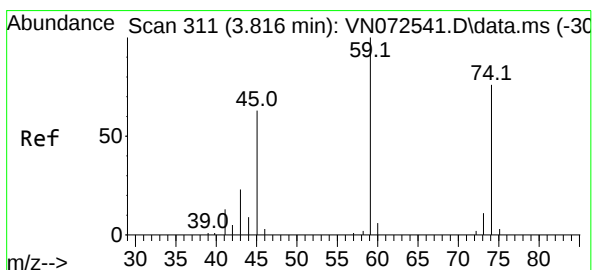
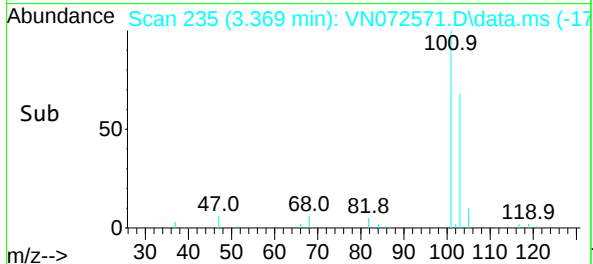
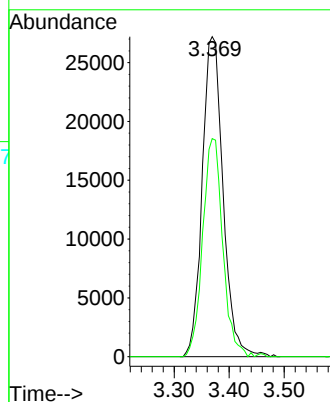
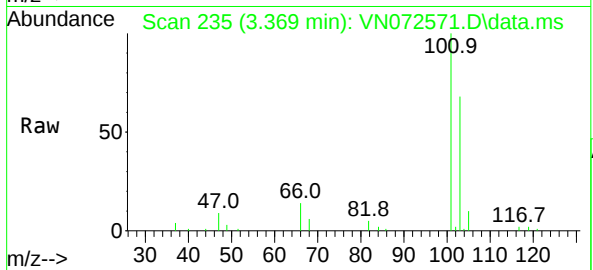




#7  
 Trichlorofluoromethane  
 Concen: 18.846 ug/l  
 RT: 3.369 min Scan# 21  
 Delta R.T. 0.065 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

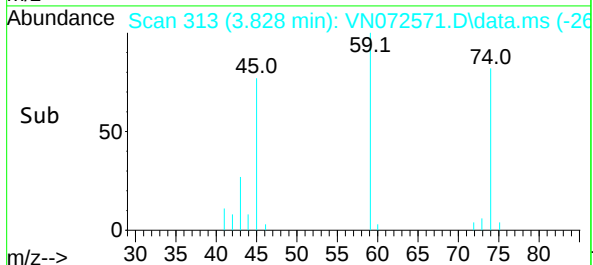
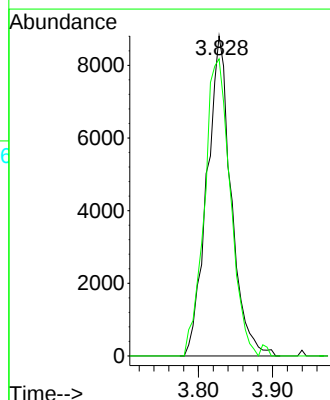
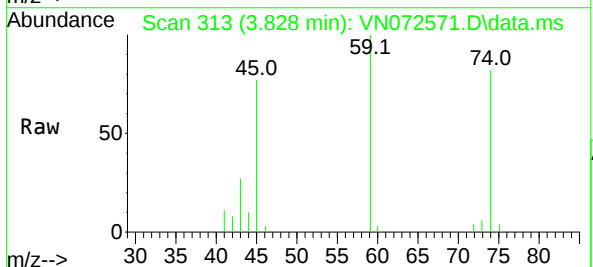
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

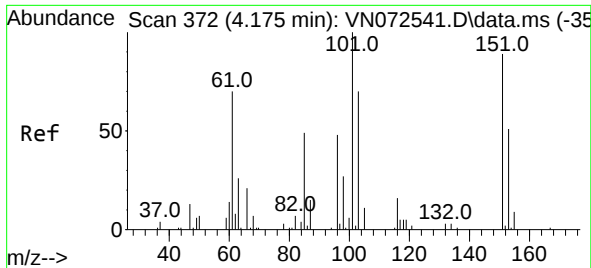
Tgt Ion:101 Resp: 71728  
 Ion Ratio Lower Upper  
 101 100  
 103 68.2 51.5 77.3



#8  
 Diethyl Ether  
 Concen: 17.692 ug/l  
 RT: 3.828 min Scan# 313  
 Delta R.T. 0.012 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion: 74 Resp: 19997  
 Ion Ratio Lower Upper  
 74 100  
 45 99.3 42.9 128.5

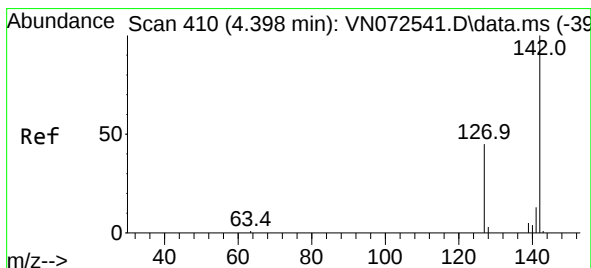
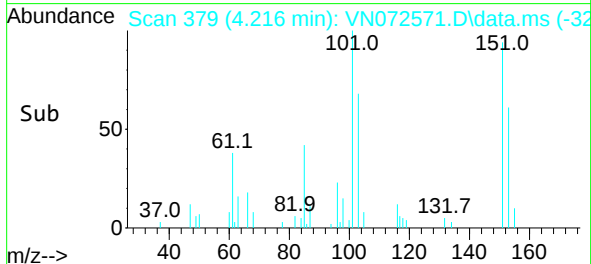
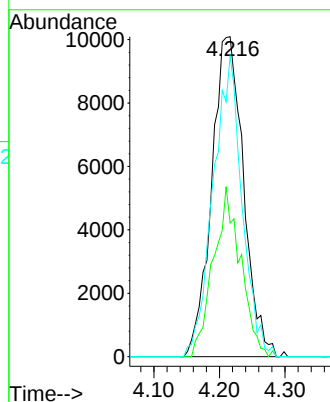
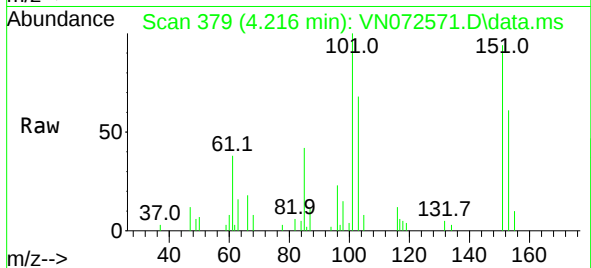




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.755 ug/l  
RT: 4.216 min Scan# 31  
Delta R.T. 0.041 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

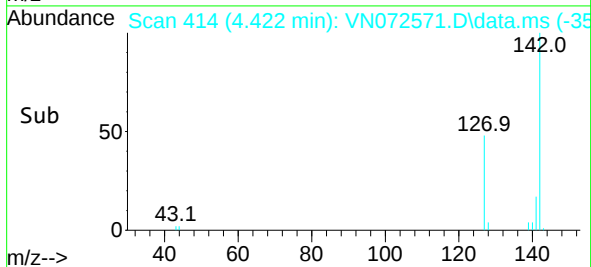
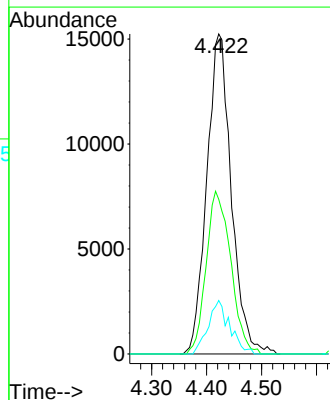
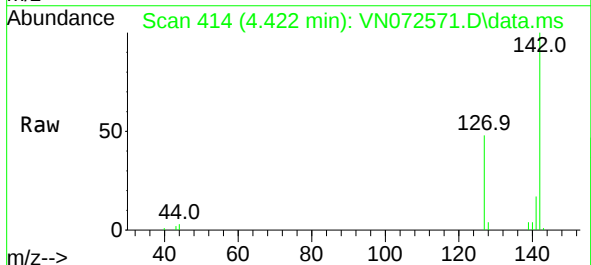
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

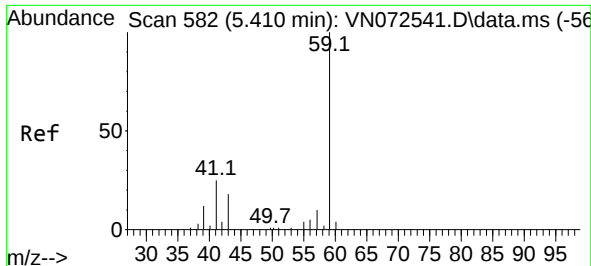
Tgt Ion:101 Resp: 33989  
Ion Ratio Lower Upper  
101 100  
85 45.3 34.7 52.1  
151 85.5 63.0 94.4



#10  
Methyl Iodide  
Concen: 20.384 ug/l  
RT: 4.422 min Scan# 414  
Delta R.T. 0.024 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion:142 Resp: 47185  
Ion Ratio Lower Upper  
142 100  
127 51.0 31.3 46.9#  
141 14.8 11.2 16.8





#11

Tert butyl alcohol

Concen: 140.257 ug/l

RT: 5.363 min Scan# 51

Delta R.T. -0.047 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

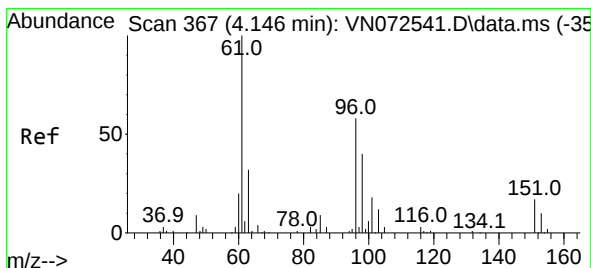
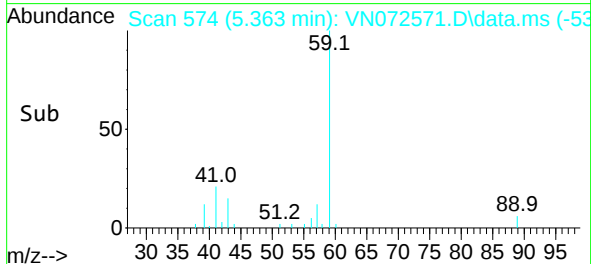
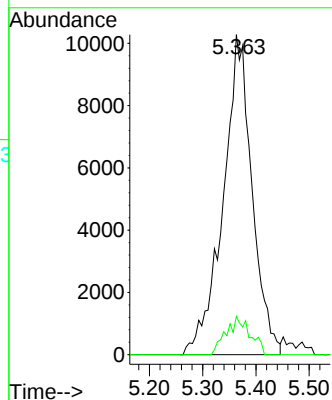
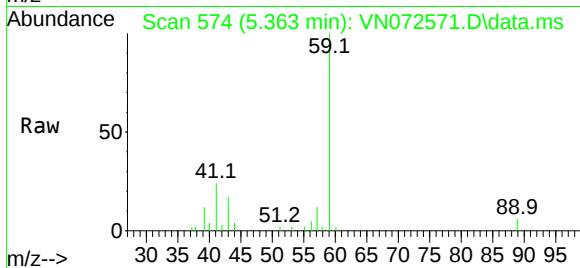
VN0520WBS01

Tgt Ion: 59 Resp: 38918

Ion Ratio Lower Upper

59 100

57 9.8 8.3 12.5



#12

1,1-Dichloroethene

Concen: 18.225 ug/l

RT: 4.181 min Scan# 373

Delta R.T. 0.035 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

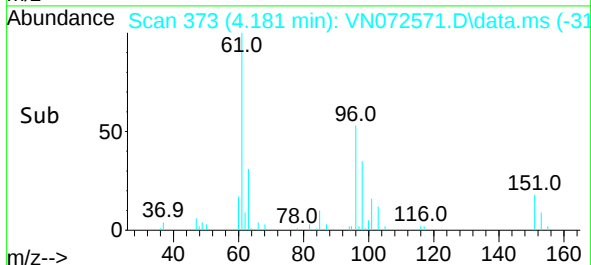
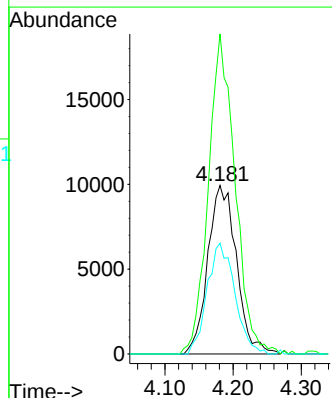
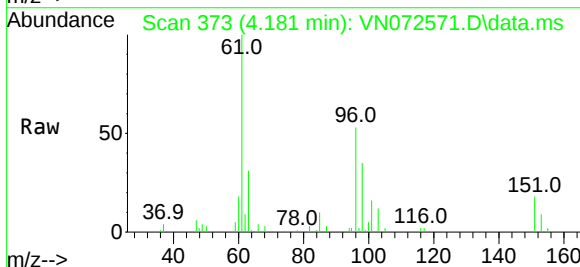
Tgt Ion: 96 Resp: 29034

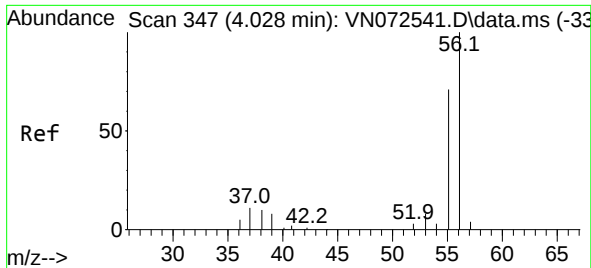
Ion Ratio Lower Upper

96 100

61 190.0 127.6 191.4

98 65.7 51.2 76.8





#13

Acrolein

Concen: 72.285 ug/l

RT: 4.034 min Scan# 347

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

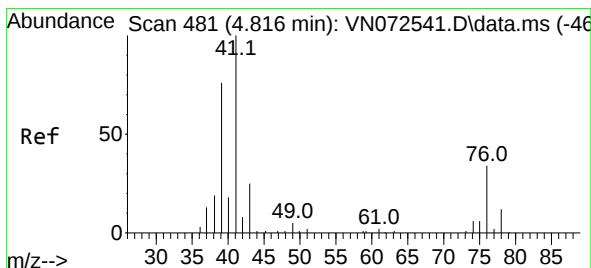
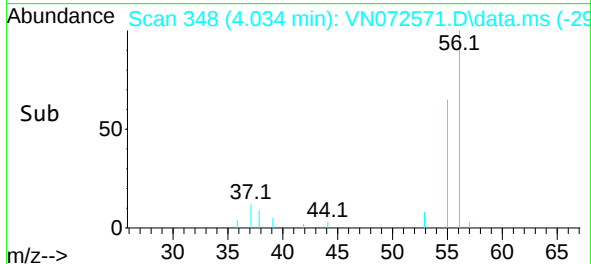
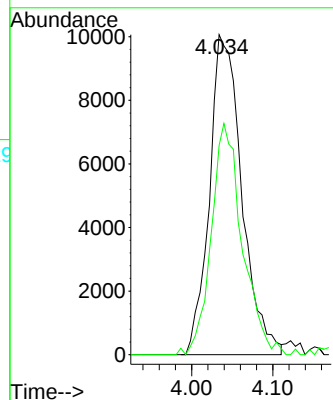
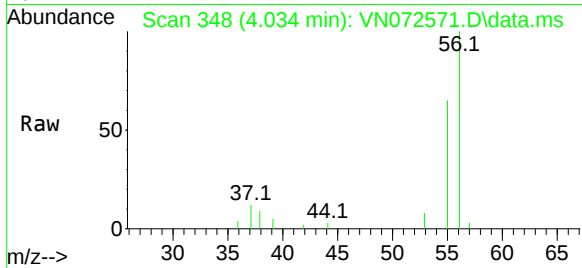
VN0520WBS01

Tgt Ion: 56 Resp: 27831

Ion Ratio Lower Upper

56 100

55 69.1 54.8 82.2



#14

Allyl chloride

Concen: 20.939 ug/l

RT: 4.845 min Scan# 486

Delta R.T. 0.029 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

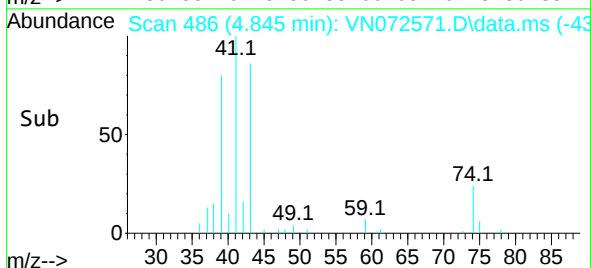
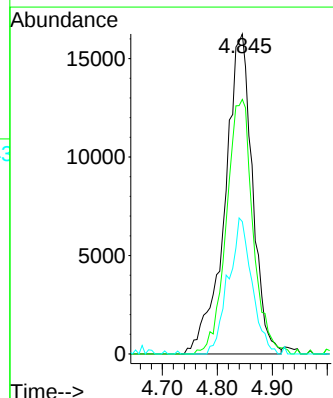
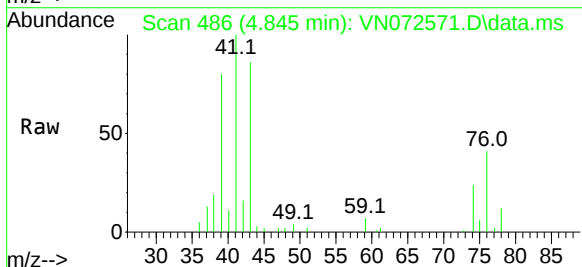
Tgt Ion: 41 Resp: 56740

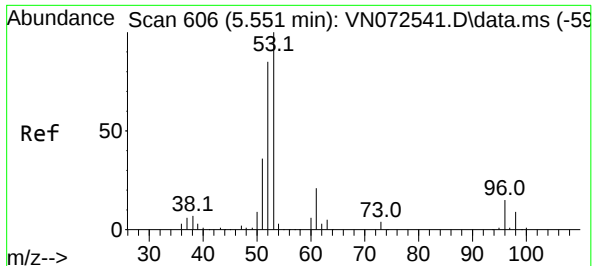
Ion Ratio Lower Upper

41 100

39 76.4 53.2 79.8

76 36.1 29.9 44.9

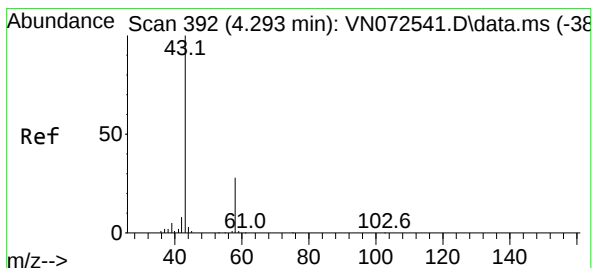
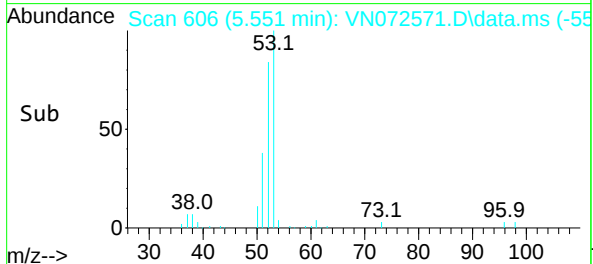
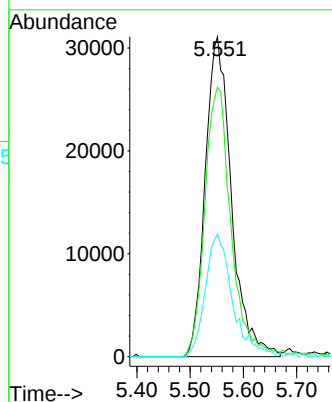
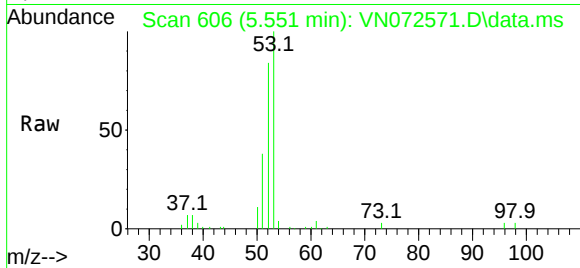




#15  
Acrylonitrile  
Concen: 98.993 ug/l  
RT: 5.551 min Scan# 606  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

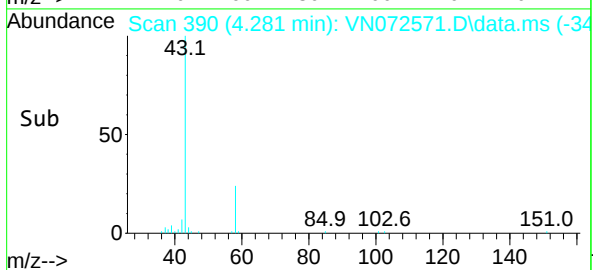
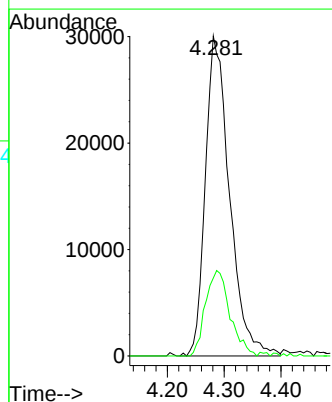
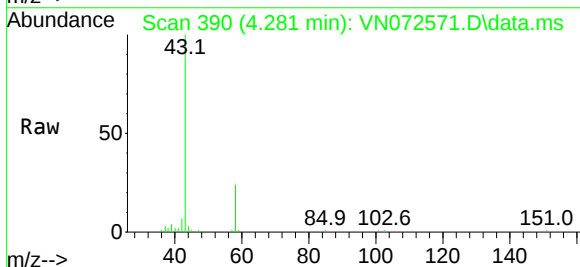
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

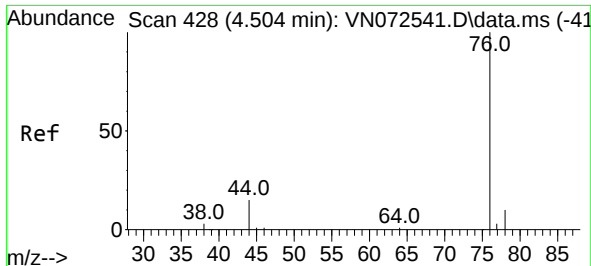
Tgt Ion: 53 Resp: 106076  
Ion Ratio Lower Upper  
53 100  
52 84.6 66.4 99.6  
51 39.7 28.5 42.7



#16  
Acetone  
Concen: 96.638 ug/l  
RT: 4.281 min Scan# 390  
Delta R.T. -0.012 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 43 Resp: 88856  
Ion Ratio Lower Upper  
43 100  
58 24.4 26.0 39.0#

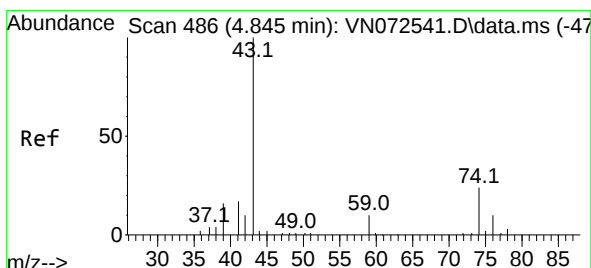
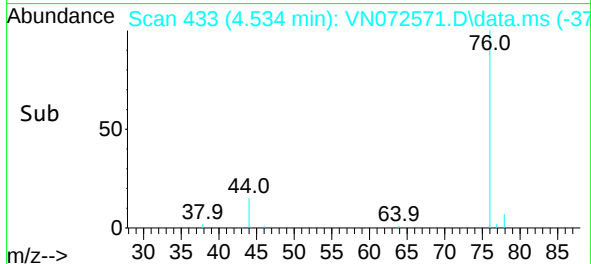
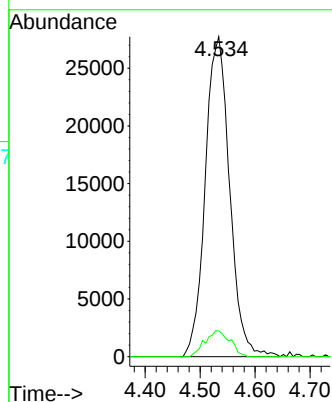
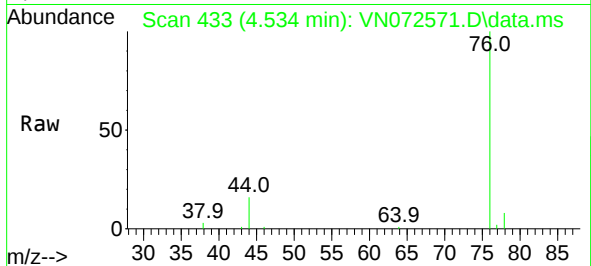




#17  
Carbon Disulfide  
Concen: 20.674 ug/l  
RT: 4.534 min Scan# 41  
Delta R.T. 0.030 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

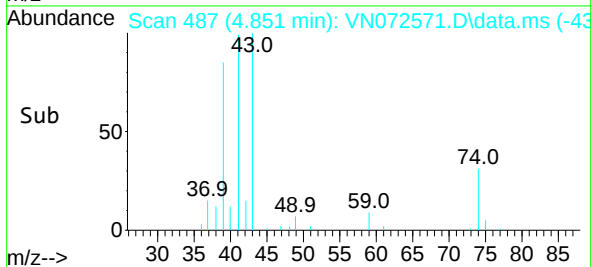
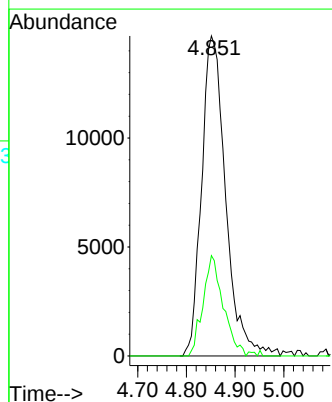
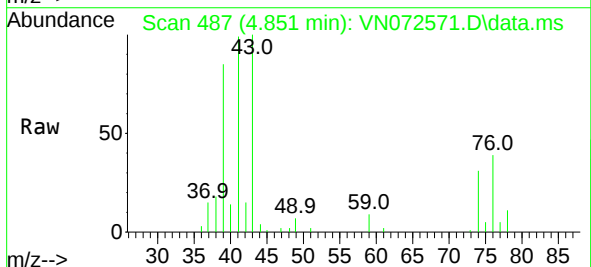
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

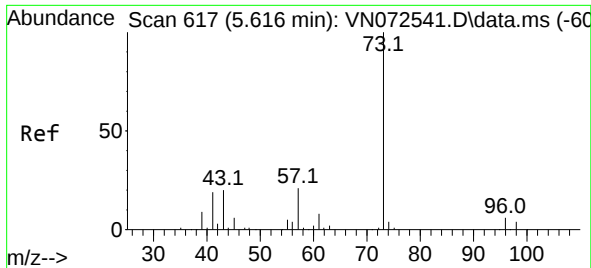
Tgt Ion: 76 Resp: 85296  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.2 10.8



#18  
Methyl Acetate  
Concen: 19.934 ug/l  
RT: 4.851 min Scan# 487  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 43 Resp: 50382  
Ion Ratio Lower Upper  
43 100  
74 26.3 21.6 32.4

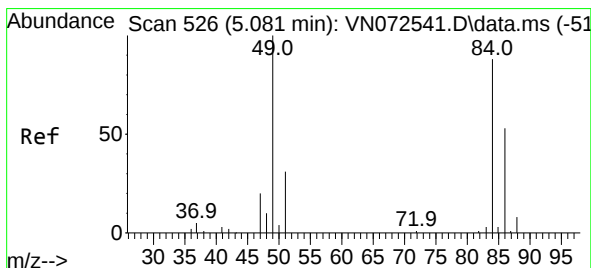
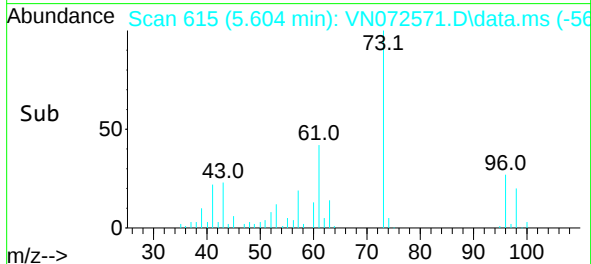
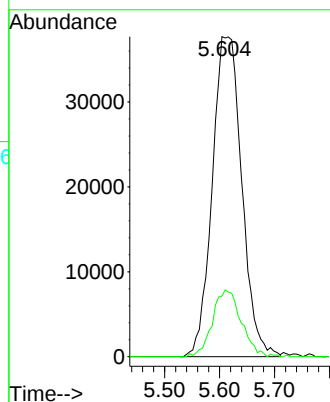
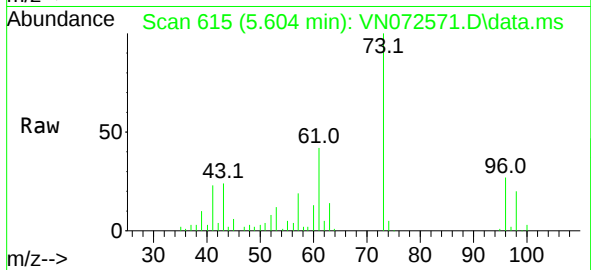




#19  
Methyl tert-butyl Ether  
Concen: 21.381 ug/l  
RT: 5.604 min Scan# 617  
Delta R.T. -0.012 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

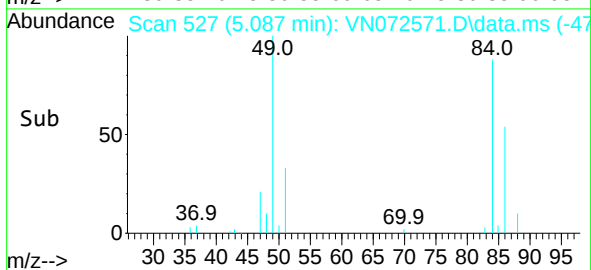
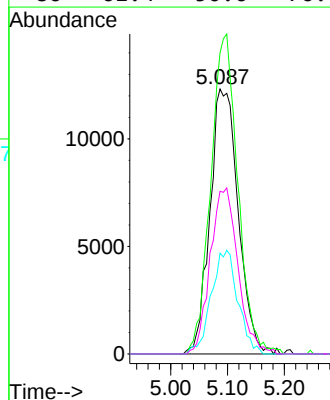
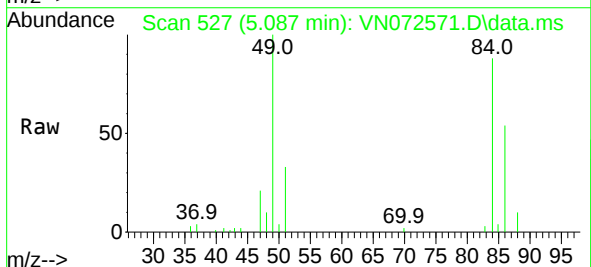
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

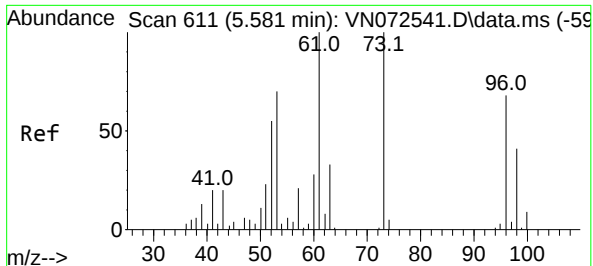
Tgt Ion: 73 Resp: 140669  
Ion Ratio Lower Upper  
73 100  
57 19.0 17.6 26.4



#20  
Methylene Chloride  
Concen: 19.520 ug/l  
RT: 5.087 min Scan# 527  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 84 Resp: 42612  
Ion Ratio Lower Upper  
84 100  
49 113.6 88.3 132.5  
51 38.0 28.2 42.2  
86 61.4 50.6 76.0

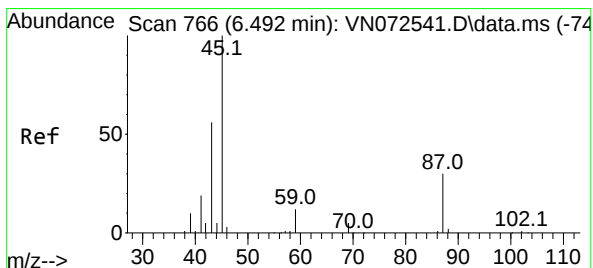
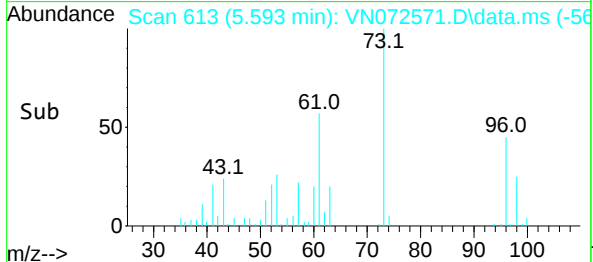
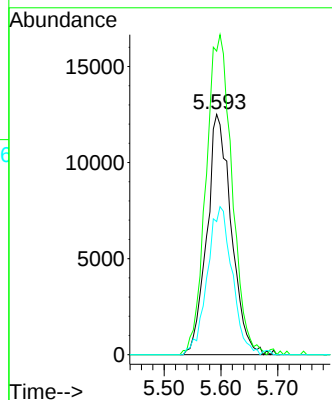
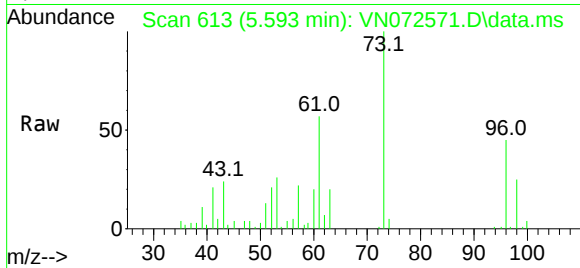




#21  
trans-1,2-Dichloroethene  
Concen: 20.893 ug/l  
RT: 5.593 min Scan# 611  
Delta R.T. 0.011 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

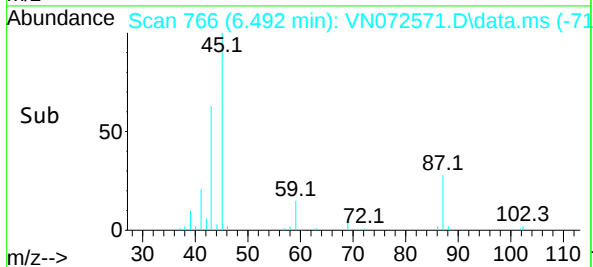
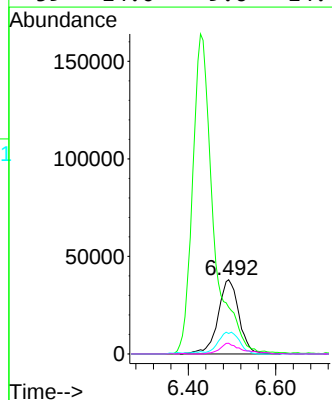
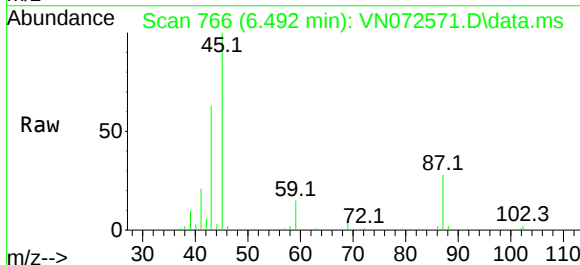
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

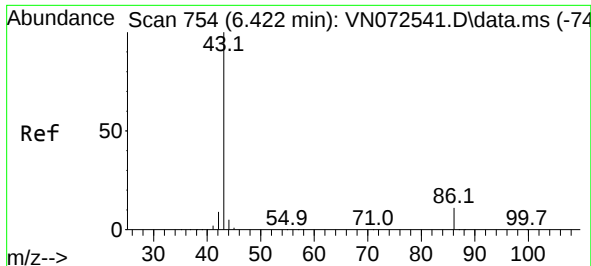
Tgt Ion: 96 Resp: 37302  
Ion Ratio Lower Upper  
96 100  
61 126.3 105.8 158.8  
98 55.4 50.3 75.5



#22  
Diisopropyl ether  
Concen: 21.151 ug/l  
RT: 6.492 min Scan# 766  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 45 Resp: 126207  
Ion Ratio Lower Upper  
45 100  
43 61.1 46.6 70.0  
87 27.5 24.3 36.5  
59 14.0 9.6 14.4

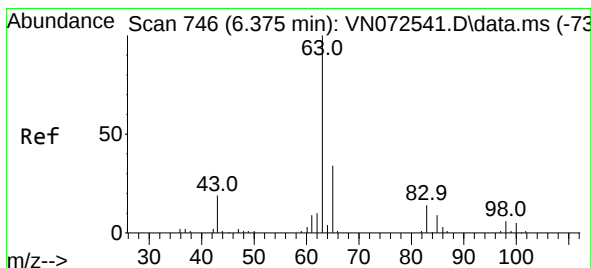
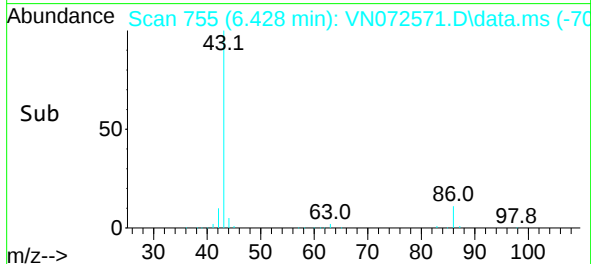
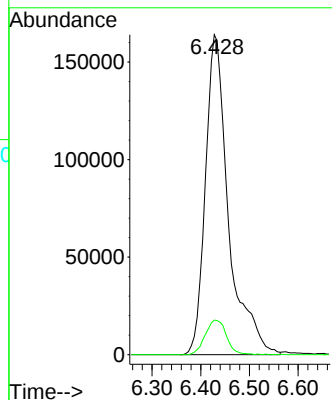
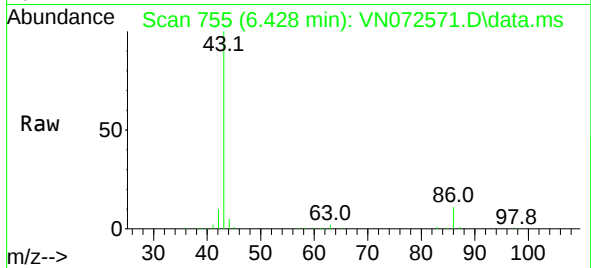




#23  
 Vinyl Acetate  
 Concen: 104.899 ug/l  
 RT: 6.428 min Scan# 754  
 Delta R.T. 0.006 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

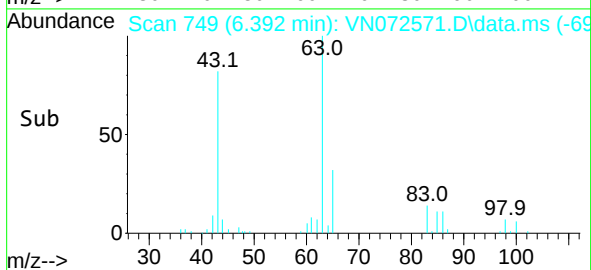
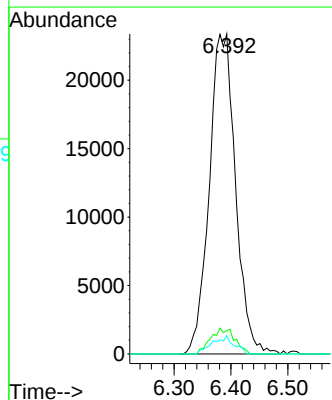
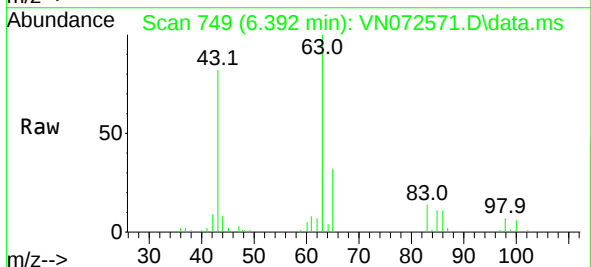
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

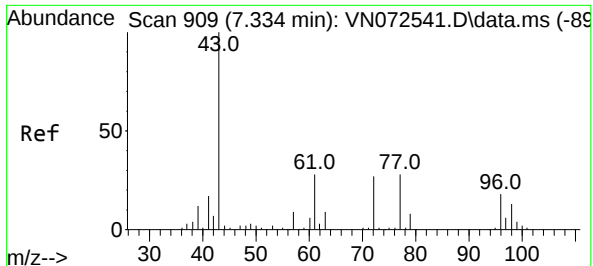
Tgt Ion: 43 Resp: 541170  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 10.0 15.0



#24  
 1,1-Dichloroethane  
 Concen: 20.708 ug/l  
 RT: 6.392 min Scan# 749  
 Delta R.T. 0.017 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion: 63 Resp: 75148  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.5 10.4  
 100 5.8 2.3 6.8





#25

2-Butanone

Concen: 98.244 ug/l

RT: 7.334 min Scan# 909

Delta R.T. -0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

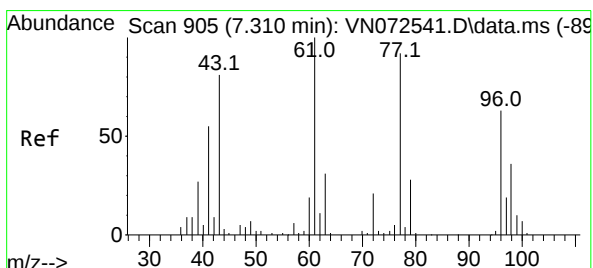
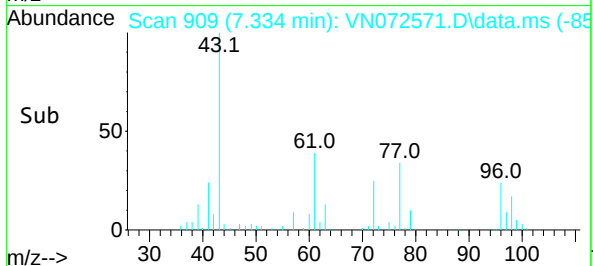
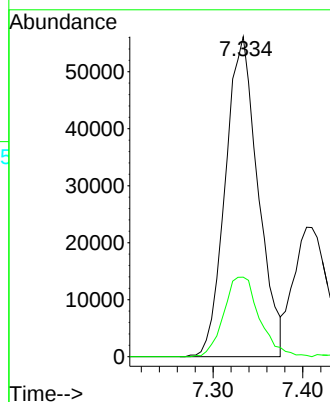
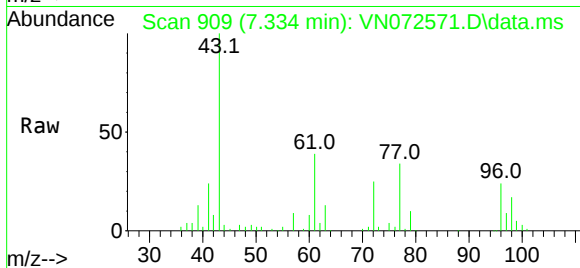
VN0520WBS01

Tgt Ion: 43 Resp: 142034

Ion Ratio Lower Upper

43 100

72 24.9 23.7 35.5



#26

2,2-Dichloropropane

Concen: 21.054 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.006 min

Lab File: VN072571.D

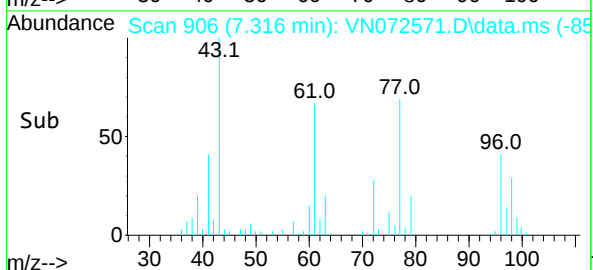
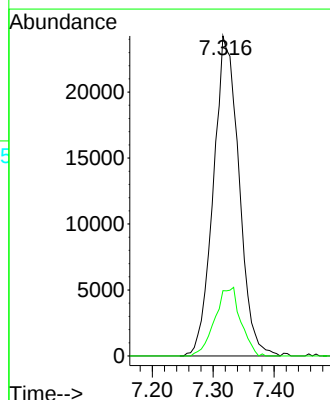
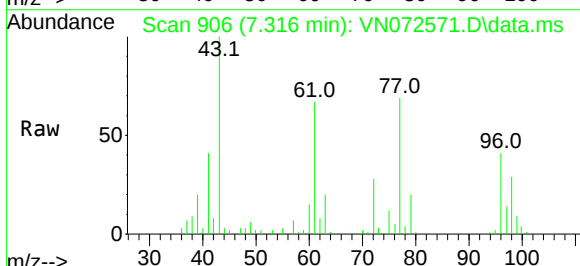
Acq: 20 May 2022 12:35

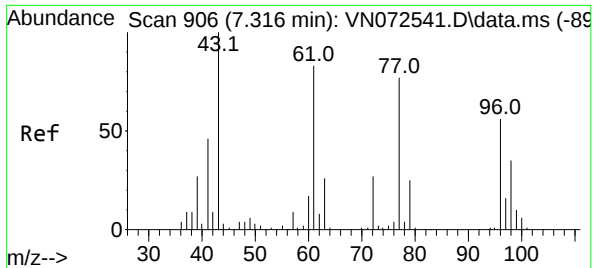
Tgt Ion: 77 Resp: 70879

Ion Ratio Lower Upper

77 100

97 21.5 11.4 34.2

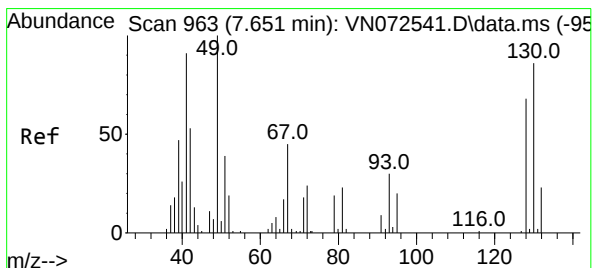
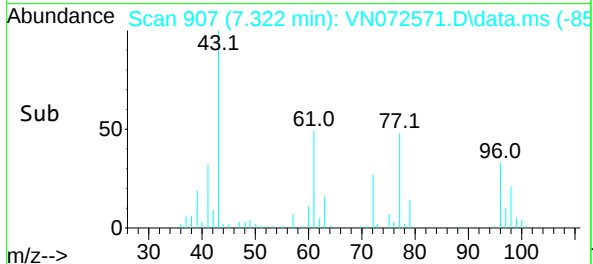
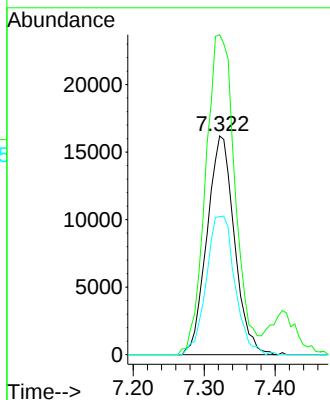
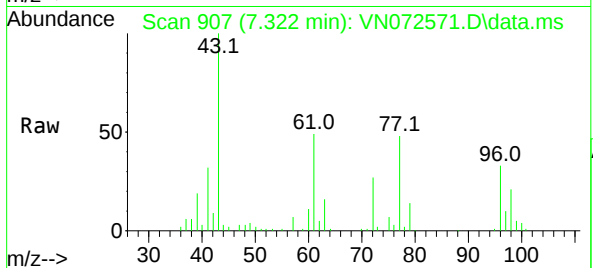




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.721 ug/l  
 RT: 7.322 min Scan# 907  
 Delta R.T. 0.006 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

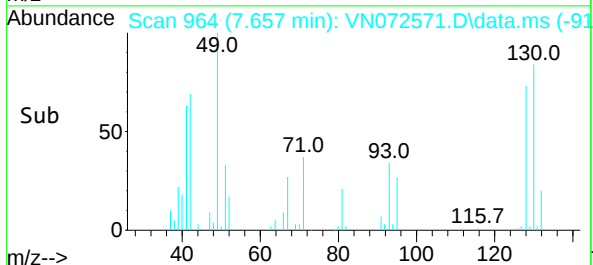
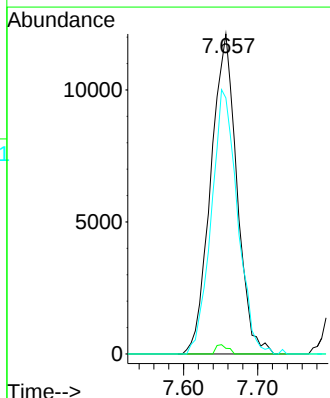
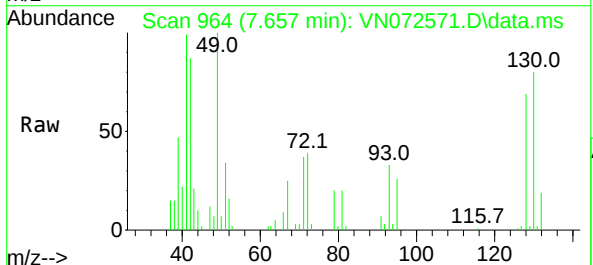
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

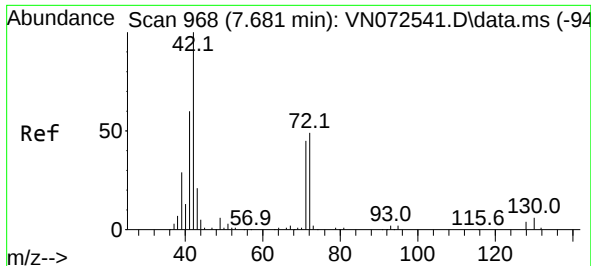
Tgt Ion: 96 Resp: 43361  
 Ion Ratio Lower Upper  
 96 100  
 61 157.4 0.0 280.6  
 98 65.9 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 20.018 ug/l  
 RT: 7.657 min Scan# 964  
 Delta R.T. 0.006 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion: 49 Resp: 29696  
 Ion Ratio Lower Upper  
 49 100  
 129 1.3 0.0 4.6  
 130 82.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 105.823 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.005 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

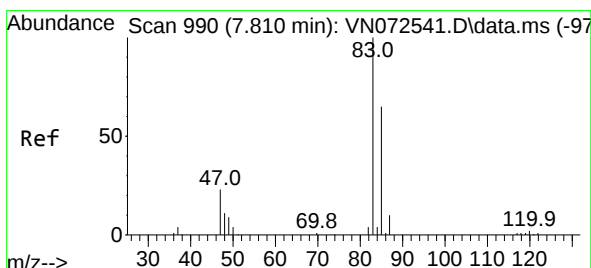
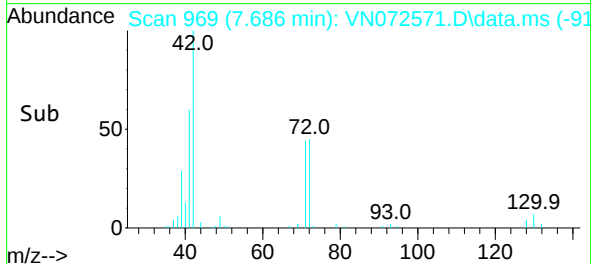
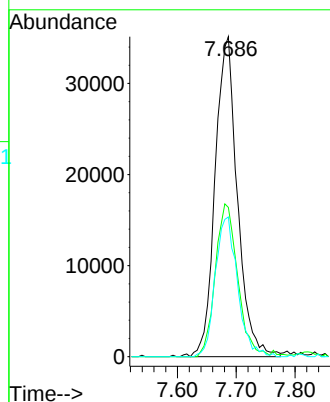
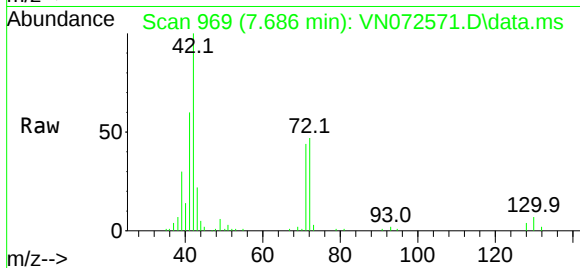
Tgt Ion: 42 Resp: 92585

Ion Ratio Lower Upper

42 100

72 47.7 39.7 59.5

71 43.8 36.6 55.0



#30

Chloroform

Concen: 20.496 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072571.D

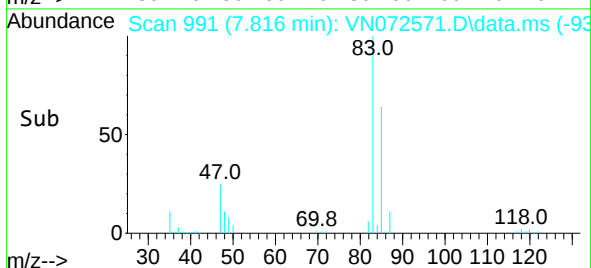
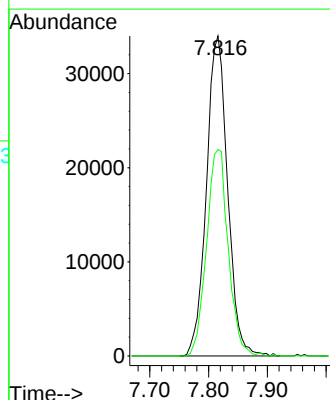
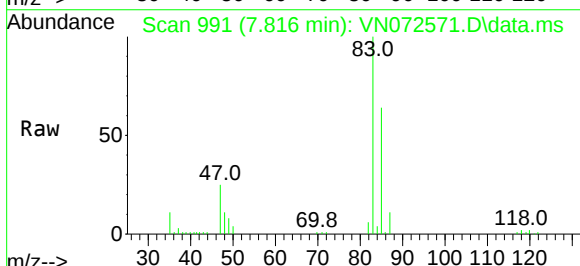
Acq: 20 May 2022 12:35

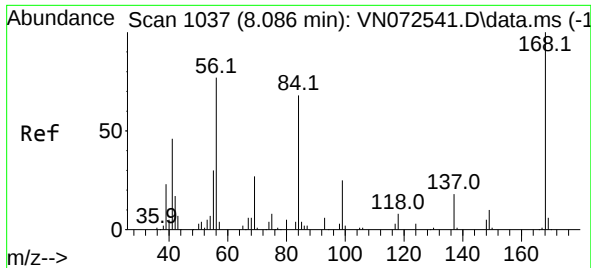
Tgt Ion: 83 Resp: 85122

Ion Ratio Lower Upper

83 100

85 64.5 51.8 77.8

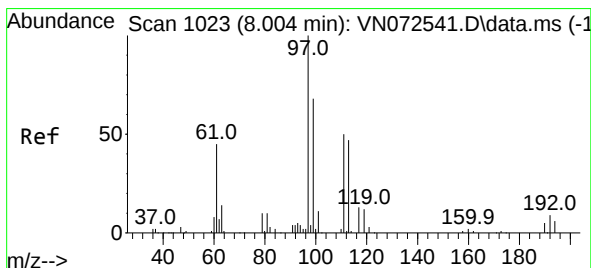
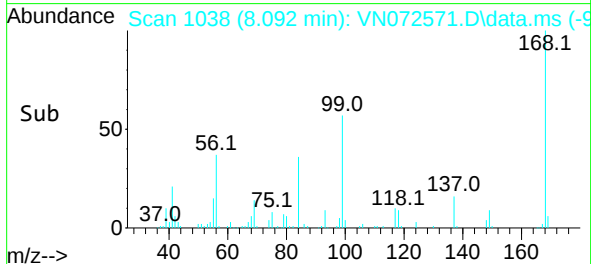
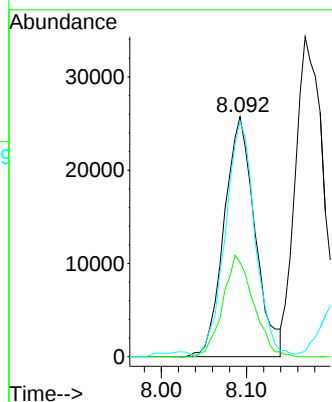
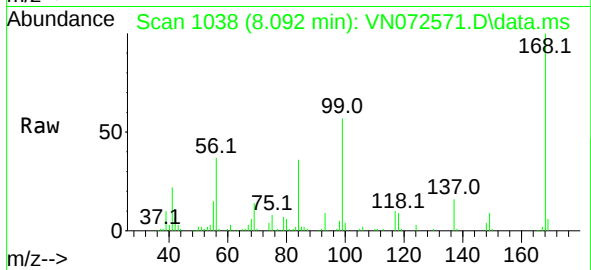




#31  
Cyclohexane  
Concen: 19.238 ug/l  
RT: 8.092 min Scan# 1038  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

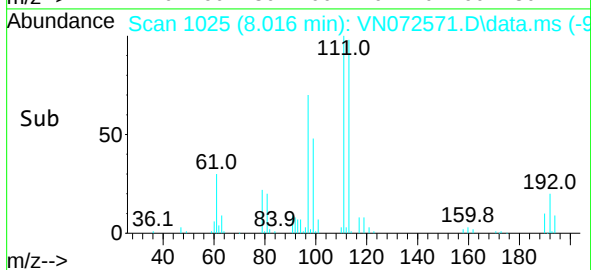
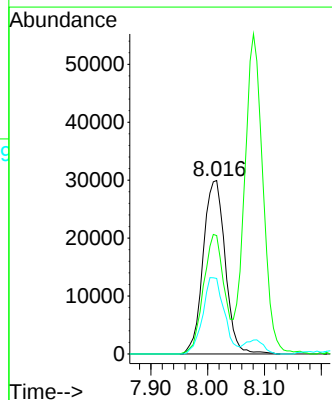
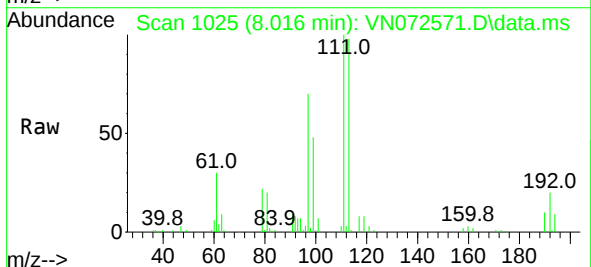
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

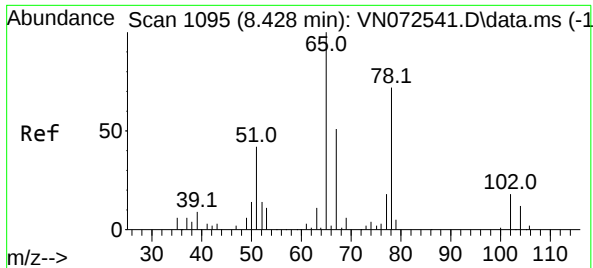
Tgt Ion: 56 Resp: 64864  
Ion Ratio Lower Upper  
56 100  
69 39.2 27.8 41.8  
84 95.8 76.9 115.3



#32  
1,1,1-Trichloroethane  
Concen: 21.011 ug/l  
RT: 8.016 min Scan# 1025  
Delta R.T. 0.012 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 97 Resp: 80522  
Ion Ratio Lower Upper  
97 100  
99 66.3 50.6 76.0  
61 43.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.145 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

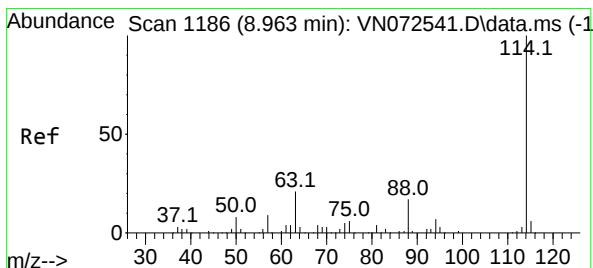
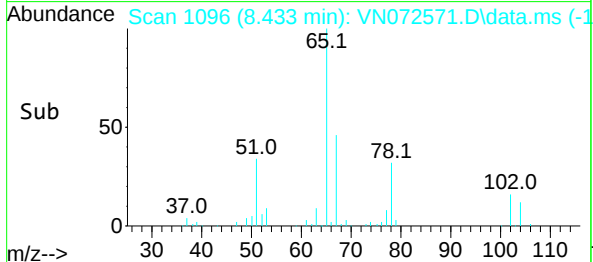
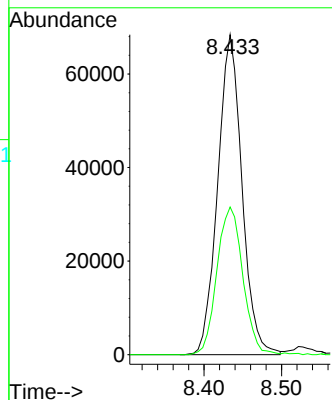
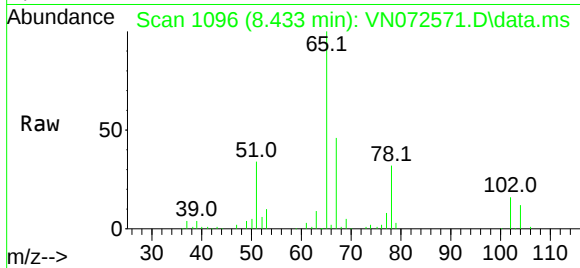
VN0520WBS01

Tgt Ion: 65 Resp: 149071

Ion Ratio Lower Upper

65 100

67 49.1 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: VN072571.D

Acq: 20 May 2022 12:35

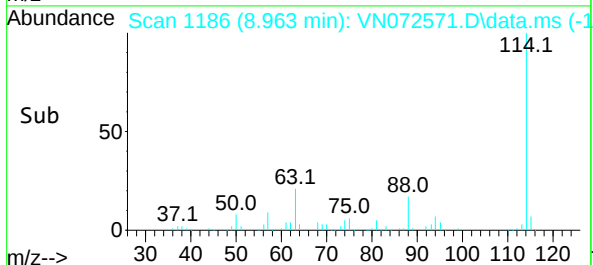
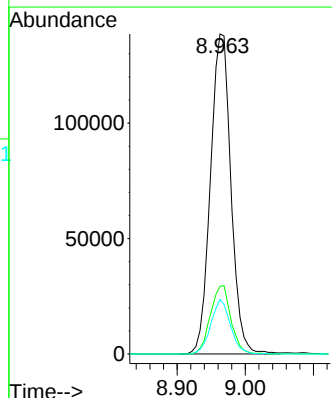
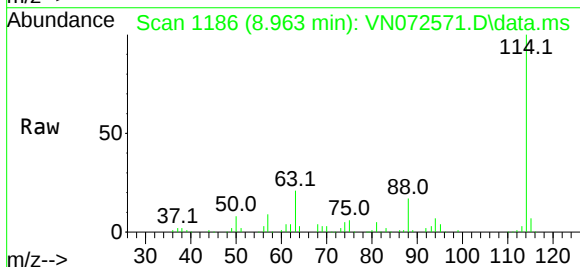
Tgt Ion: 114 Resp: 289822

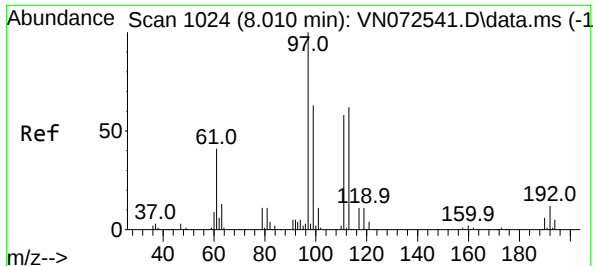
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.388 ug/l

RT: 8.016 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

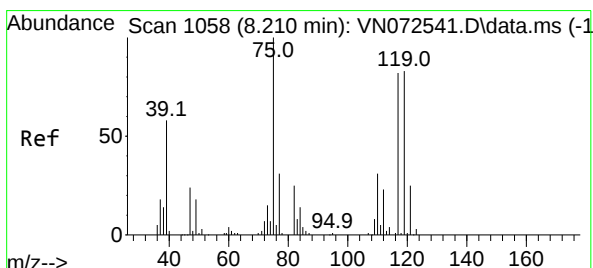
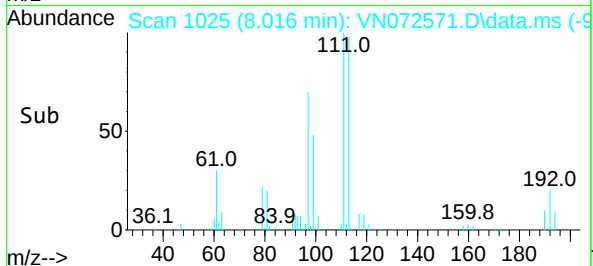
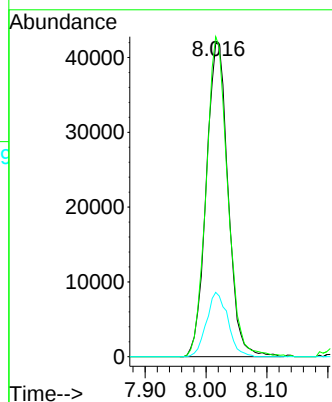
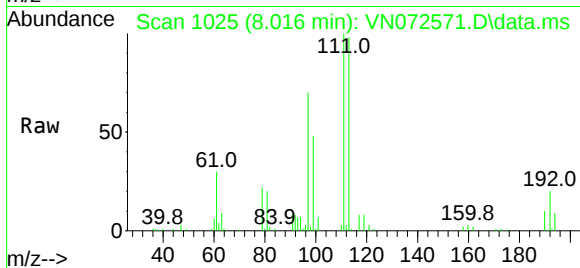
Tgt Ion:113 Resp: 104401

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 20.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 21.449 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

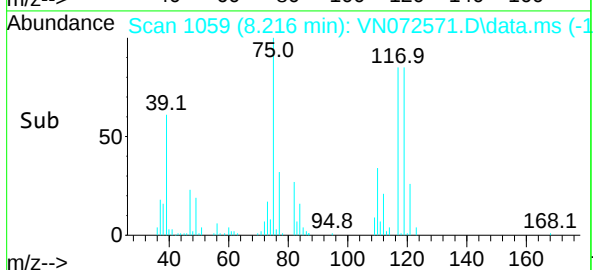
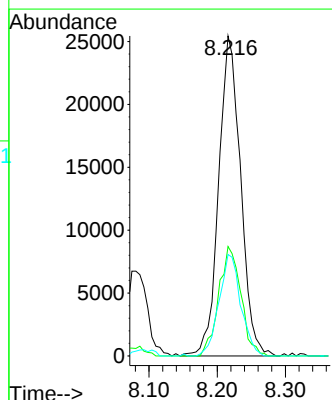
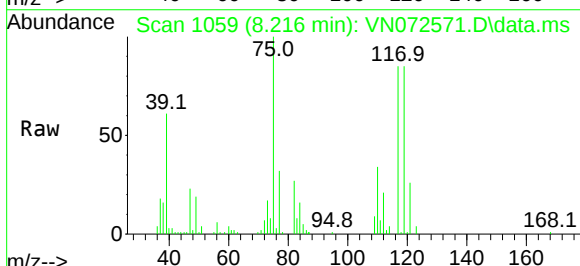
Tgt Ion: 75 Resp: 57102

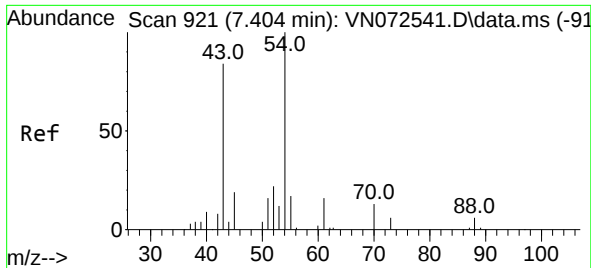
Ion Ratio Lower Upper

75 100

110 34.5 18.3 54.8

77 31.4 25.1 37.7

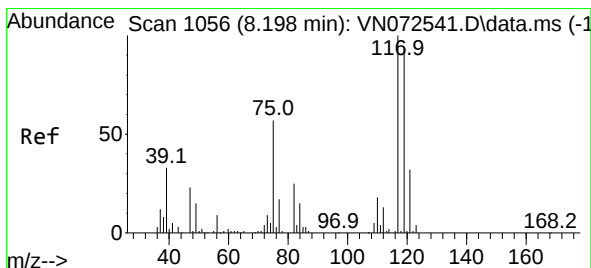
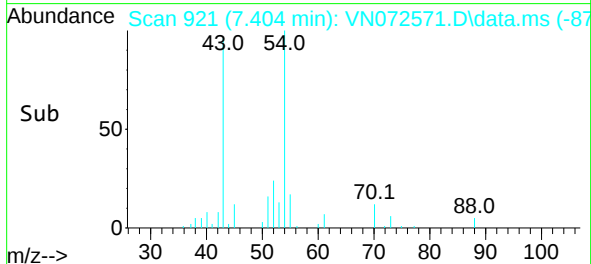
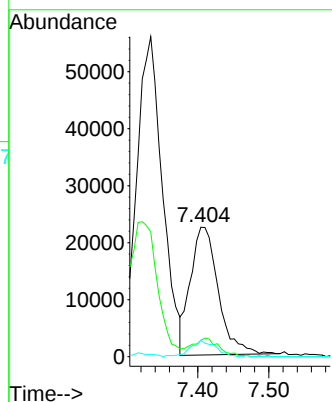
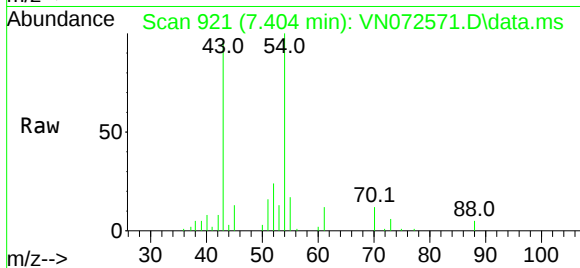




#37  
Ethyl Acetate  
Concen: 20.956 ug/l  
RT: 7.404 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

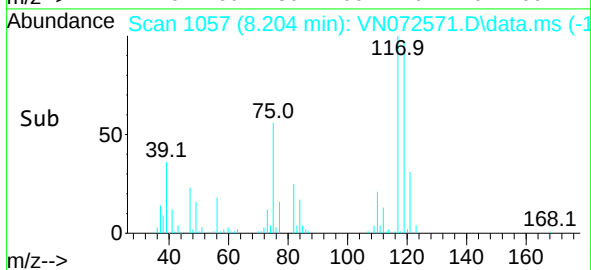
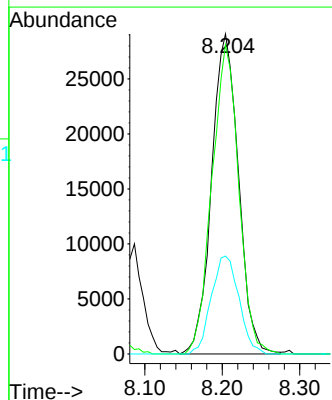
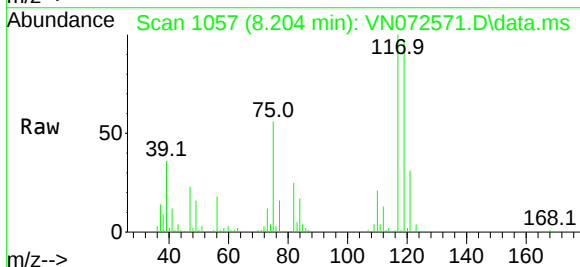
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

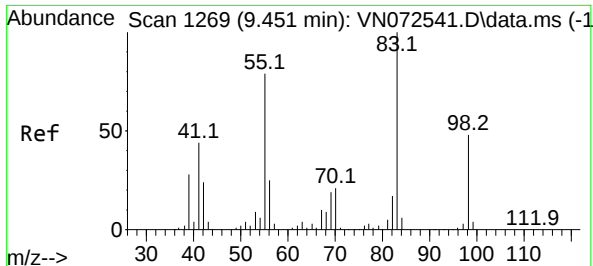
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 61307 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 13.7     | 11.8 17.6   |
| 70 11.3     | 9.3 13.9    |



#38  
Carbon Tetrachloride  
Concen: 21.285 ug/l  
RT: 8.204 min Scan# 1057  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 70135 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 119         | 96.6  | 75.8  | 113.8 |
| 121         | 30.6  | 24.6  | 37.0  |





#39

Methylcyclohexane

Concen: 21.837 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

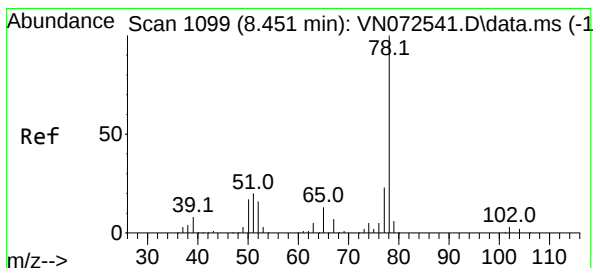
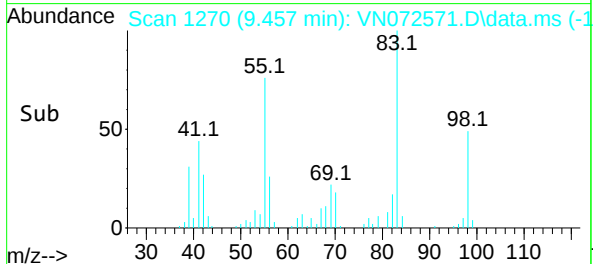
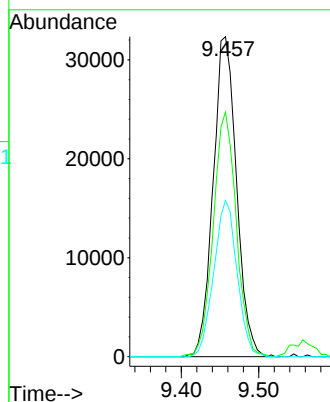
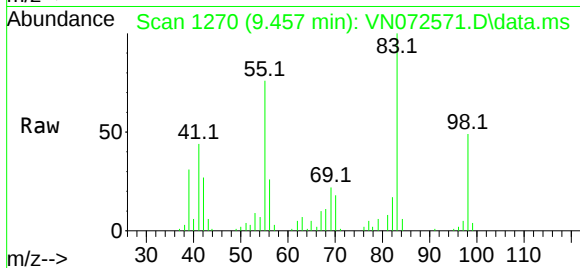
Tgt Ion: 83 Resp: 67847

Ion Ratio Lower Upper

83 100

55 76.5 57.8 86.8

98 48.9 39.4 59.2



#40

Benzene

Concen: 21.474 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN072571.D

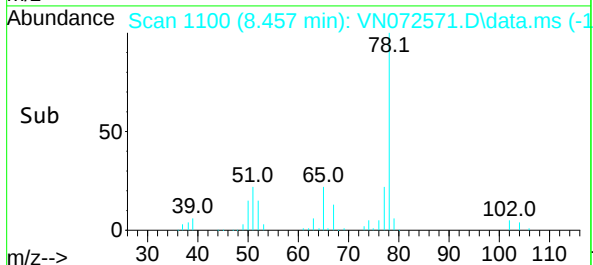
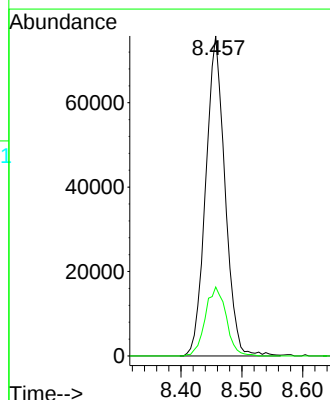
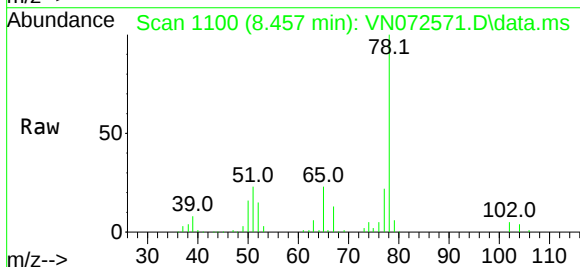
Acq: 20 May 2022 12:35

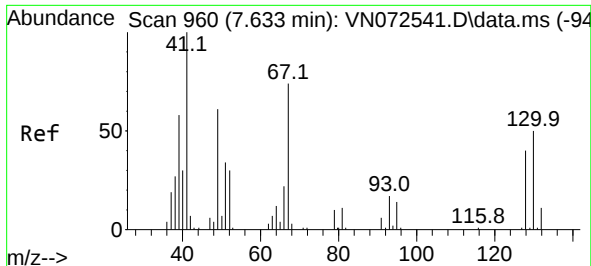
Tgt Ion: 78 Resp: 167042

Ion Ratio Lower Upper

78 100

77 21.5 19.4 29.0

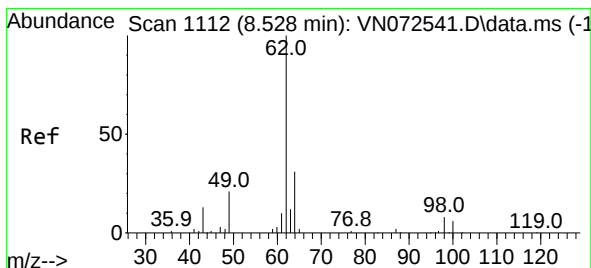
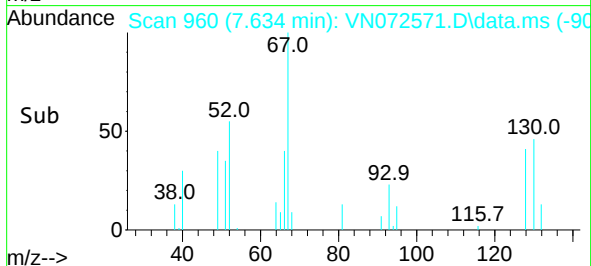
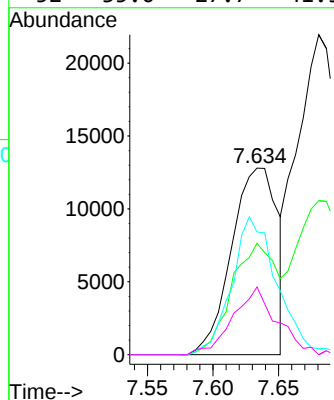
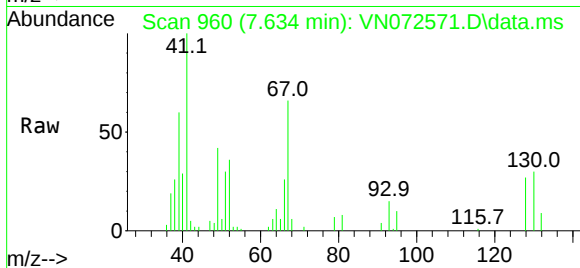




#41  
Methacrylonitrile  
Concen: 22.168 ug/l  
RT: 7.634 min Scan# 911  
Delta R.T. 0.001 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

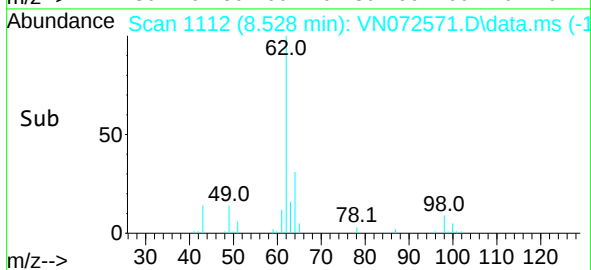
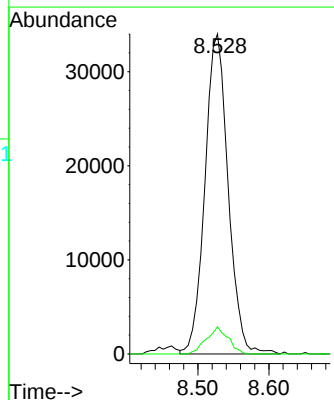
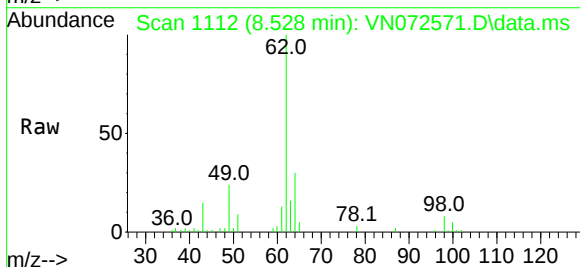
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

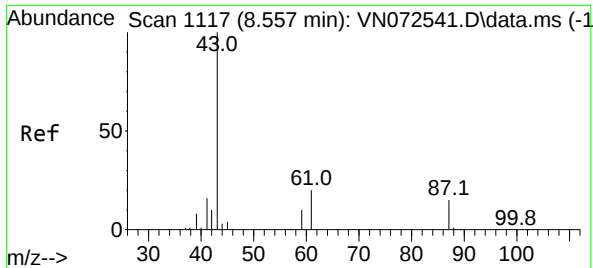
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 31112 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 58.4  | 48.6  | 73.0  |
| 67       | 74.1  | 73.4  | 110.2 |
| 52       | 35.0  | 27.7  | 41.5  |



#42  
1,2-Dichloroethane  
Concen: 21.396 ug/l  
RT: 8.528 min Scan# 1112  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 77233 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 7.9   | 0.0   | 19.4  |

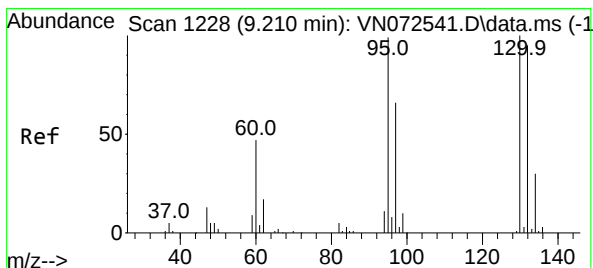
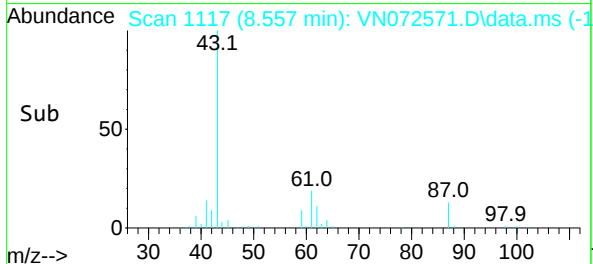
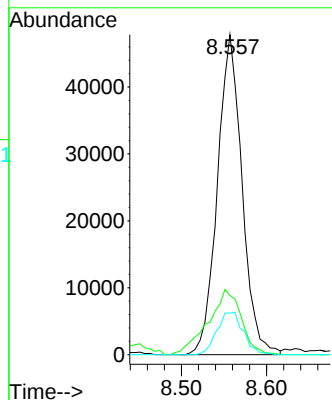
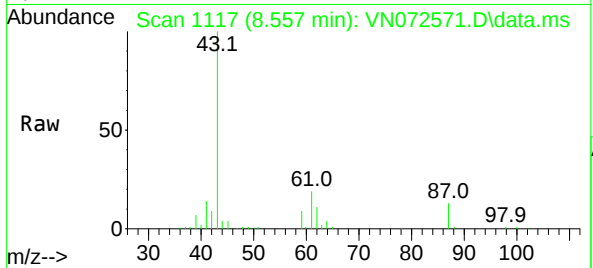




#43  
Isopropyl Acetate  
Concen: 20.460 ug/l  
RT: 8.557 min Scan# 1117  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

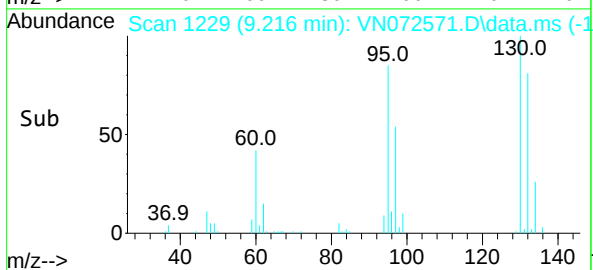
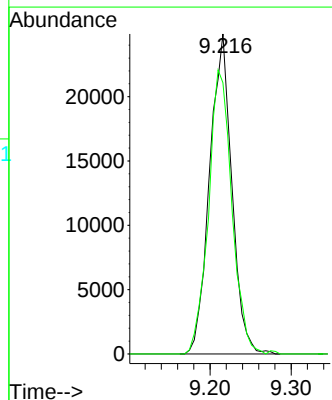
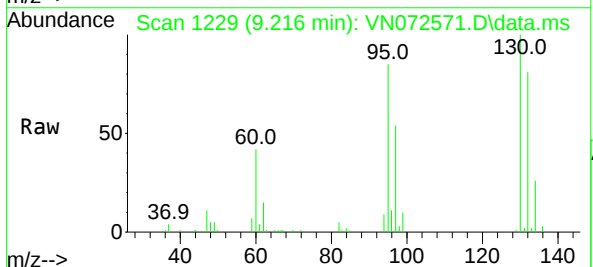
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

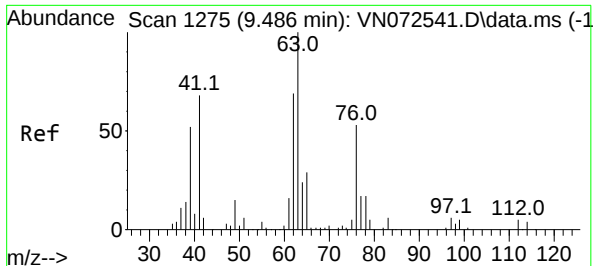
Tgt Ion: 43 Resp: 96256  
Ion Ratio Lower Upper  
43 100  
61 27.4 21.9 32.9  
87 14.2 12.0 18.0



#44  
Trichloroethene  
Concen: 22.359 ug/l  
RT: 9.216 min Scan# 1229  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 130 Resp: 47286  
Ion Ratio Lower Upper  
130 100  
95 84.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.686 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

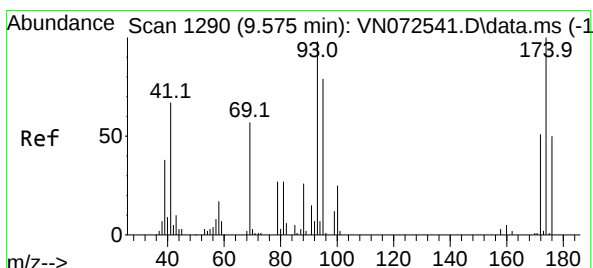
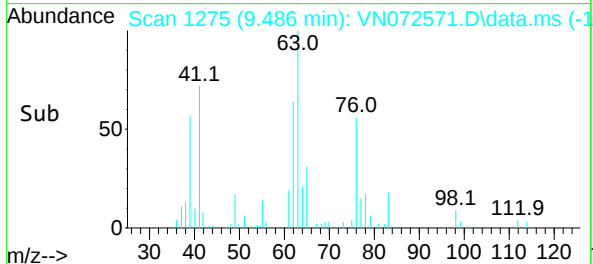
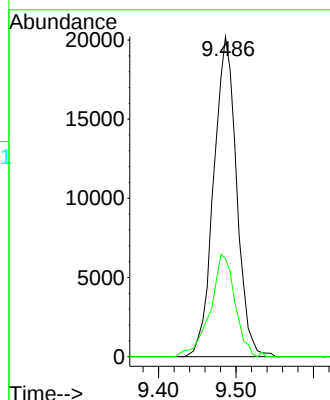
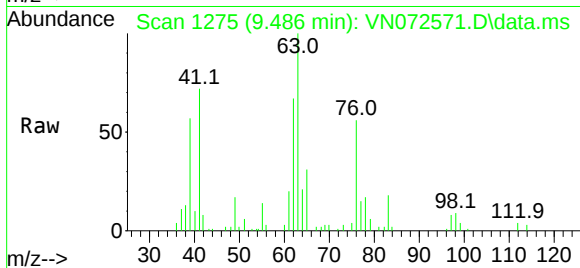
VN0520WBS01

Tgt Ion: 63 Resp: 41467

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 21.978 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

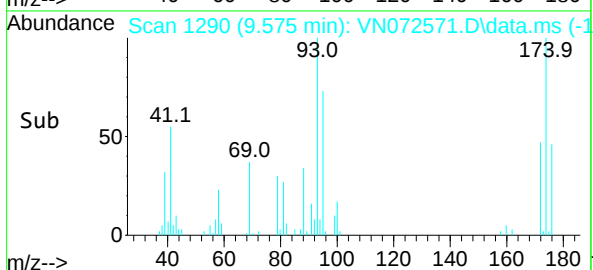
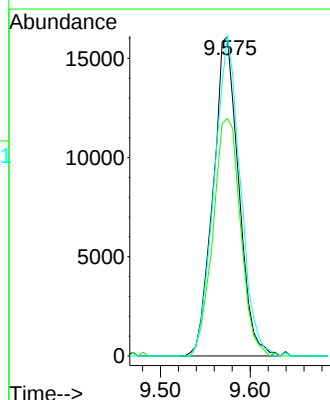
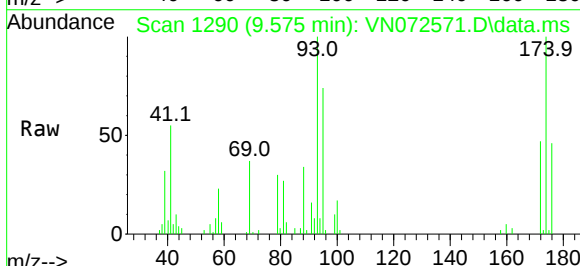
Tgt Ion: 93 Resp: 31772

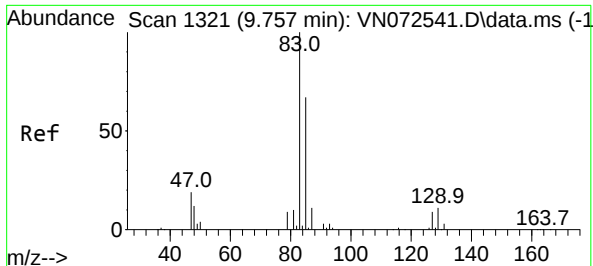
Ion Ratio Lower Upper

93 100

95 80.0 66.9 100.3

174 102.4 86.6 130.0

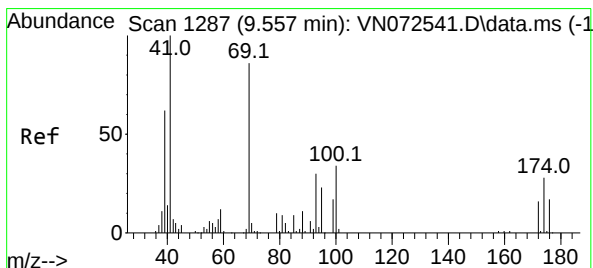
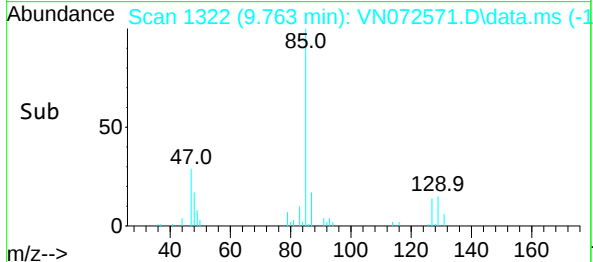
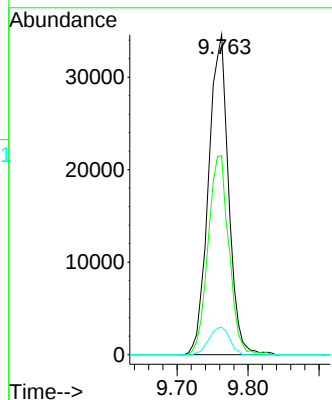
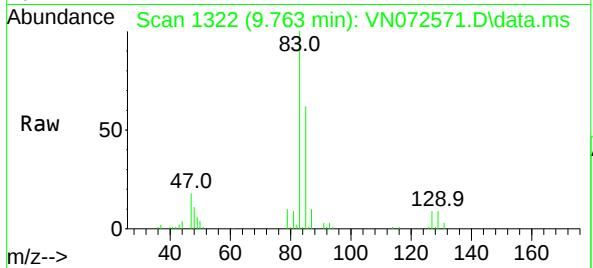




#47  
Bromodichloromethane  
Concen: 22.474 ug/l  
RT: 9.763 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

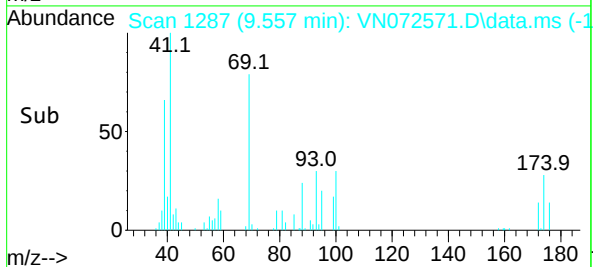
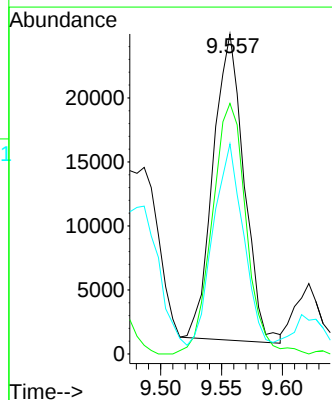
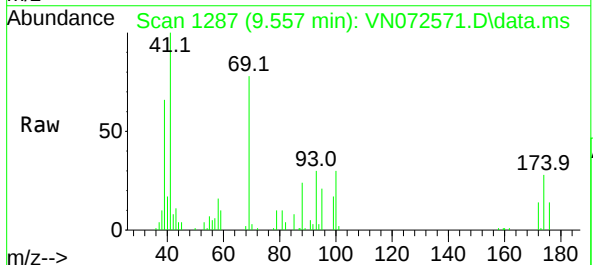
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

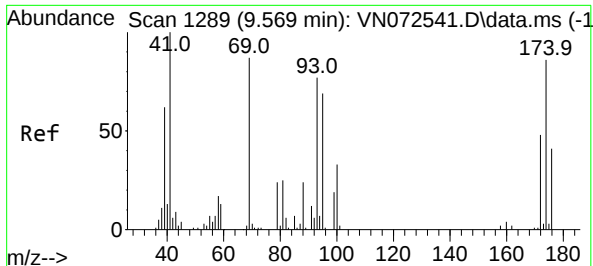
Tgt Ion: 83 Resp: 67707  
Ion Ratio Lower Upper  
83 100  
85 62.2 50.5 75.7  
127 8.6 6.8 10.2



#48  
Methyl methacrylate  
Concen: 18.858 ug/l  
RT: 9.557 min Scan# 1287  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 41 Resp: 42242  
Ion Ratio Lower Upper  
41 100  
69 89.9 74.7 112.1  
39 70.7 45.6 68.4#





#49

1,4-Dioxane

Concen: 775.437 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

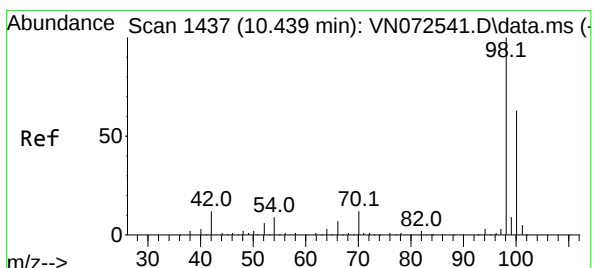
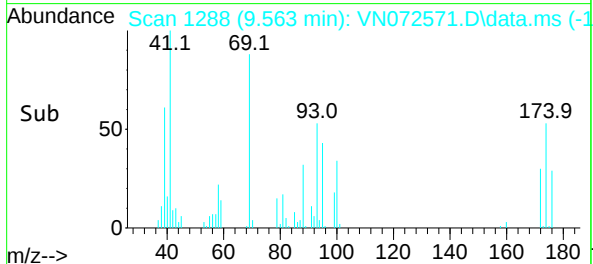
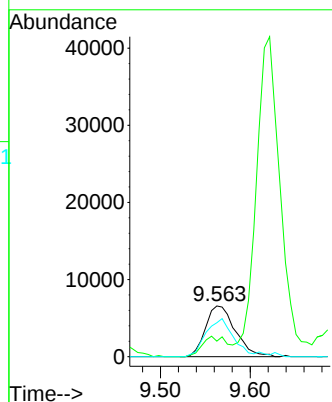
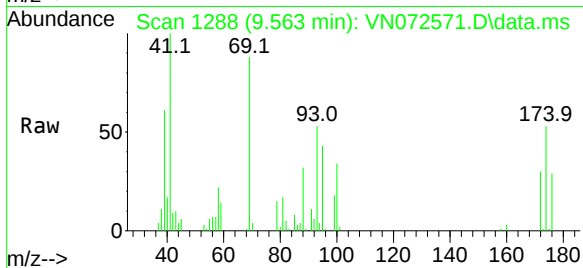
Tgt Ion: 88 Resp: 15122

Ion Ratio Lower Upper

88 100

43 34.0 20.2 30.4#

58 71.8 54.2 81.4



#50

Toluene-d8

Concen: 52.254 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072571.D

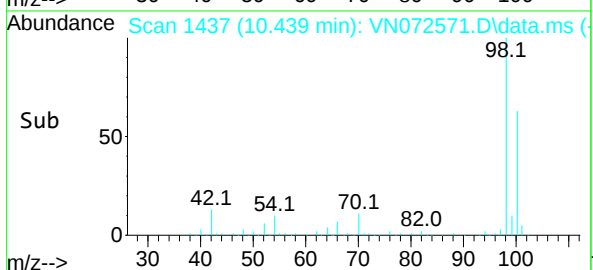
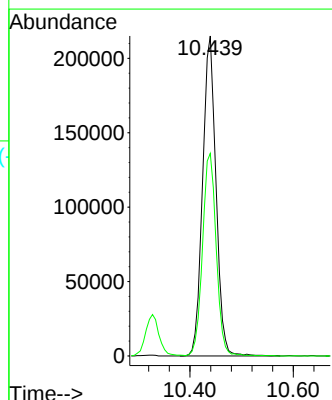
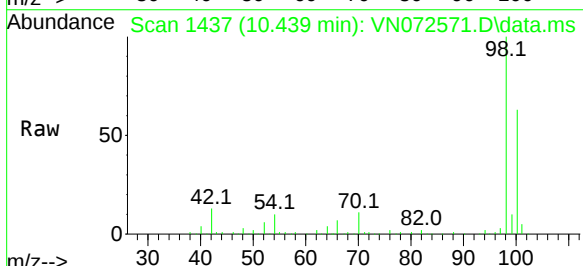
Acq: 20 May 2022 12:35

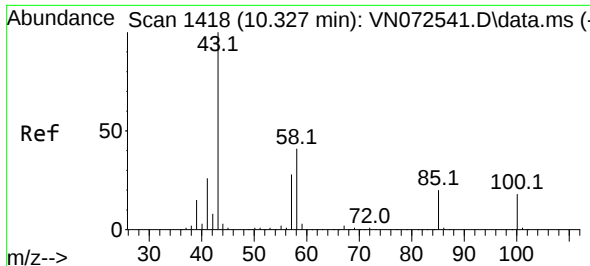
Tgt Ion: 98 Resp: 386786

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 94.534 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

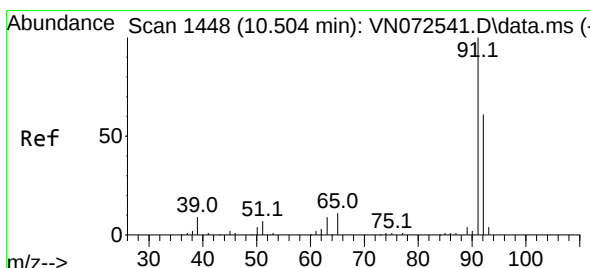
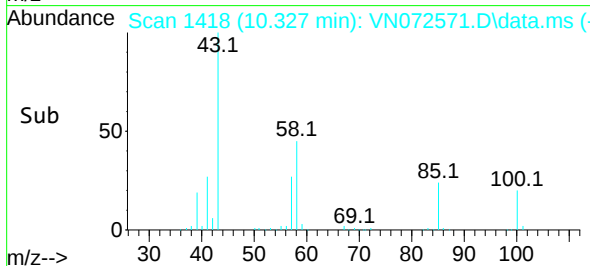
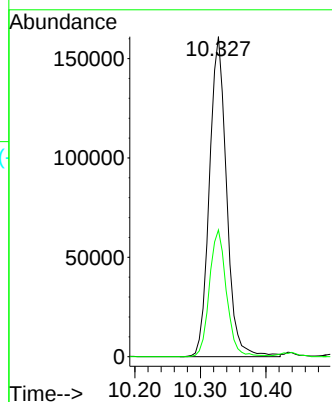
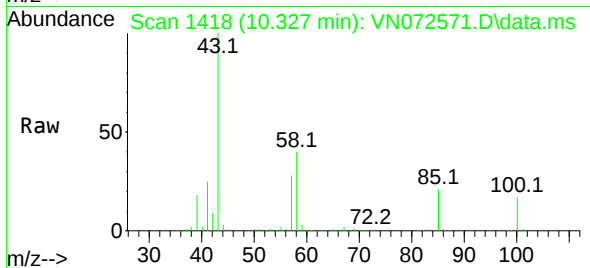
VN0520WBS01

Tgt Ion: 43 Resp: 293466

Ion Ratio Lower Upper

43 100

58 39.4 34.1 51.1



#52

Toluene

Concen: 22.275 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN072571.D

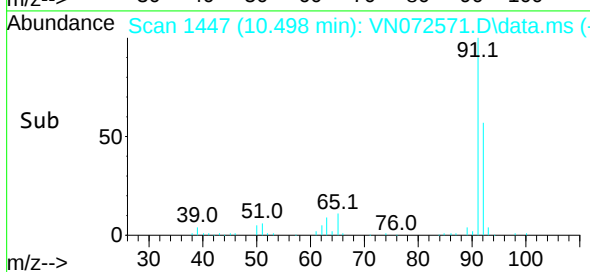
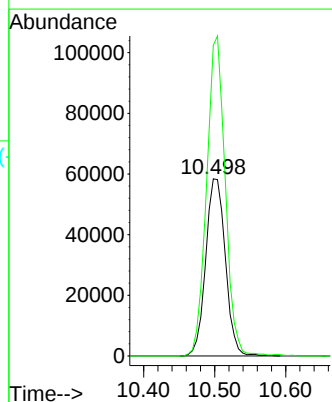
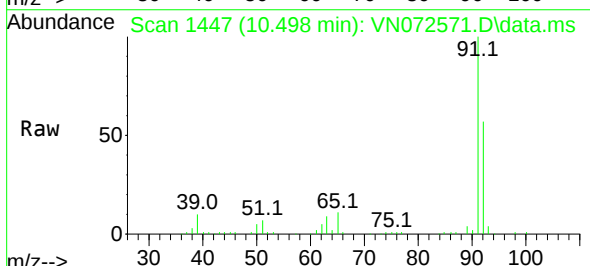
Acq: 20 May 2022 12:35

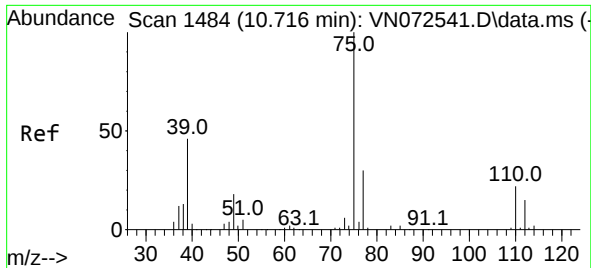
Tgt Ion: 92 Resp: 112349

Ion Ratio Lower Upper

92 100

91 171.3 138.6 207.8

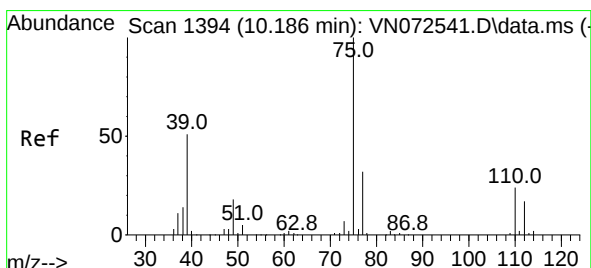
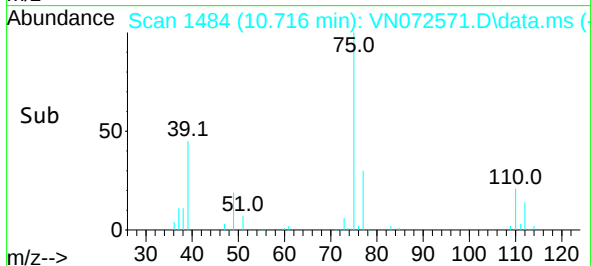
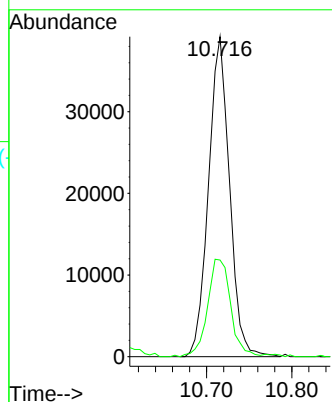
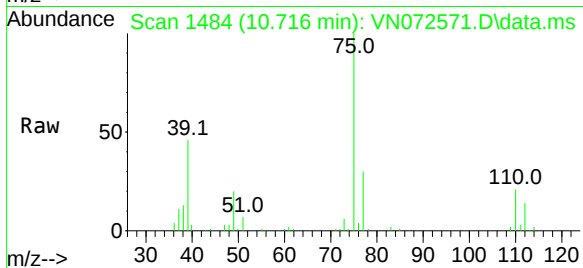




#53  
 t-1,3-Dichloropropene  
 Concen: 20.761 ug/l  
 RT: 10.716 min Scan# 1484  
 Delta R.T. -0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

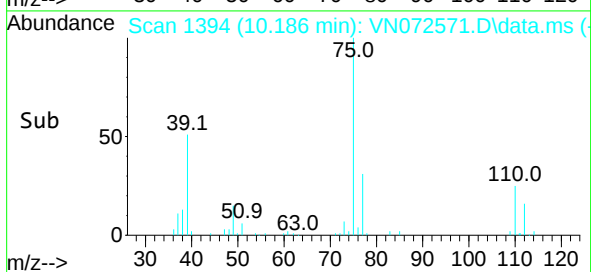
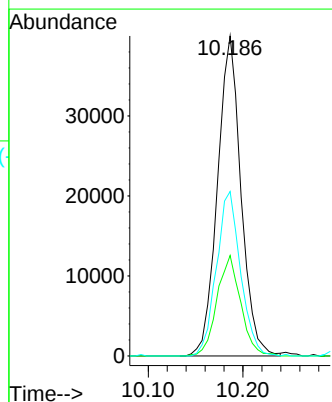
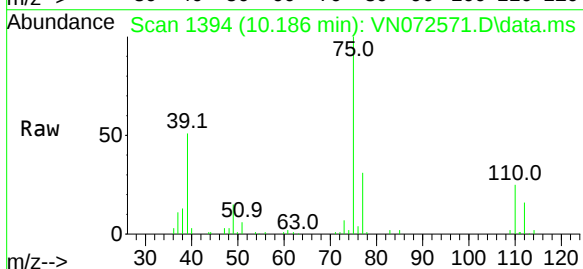
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

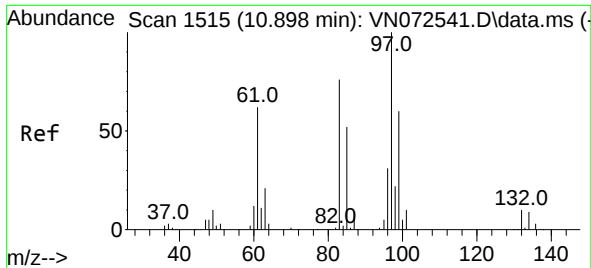
Tgt Ion: 75 Resp: 67160  
 Ion Ratio Lower Upper  
 75 100  
 77 30.2 25.6 38.4



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.636 ug/l  
 RT: 10.186 min Scan# 1394  
 Delta R.T. 0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion: 75 Resp: 69102  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.2 37.8  
 39 51.4 35.7 53.5

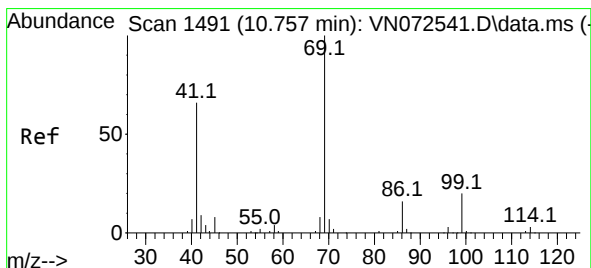
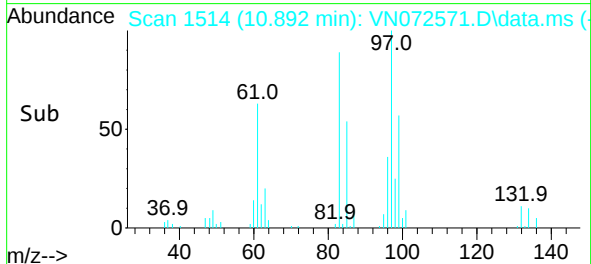
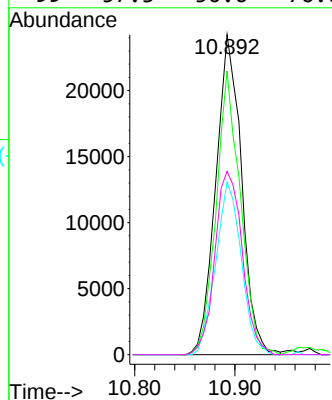
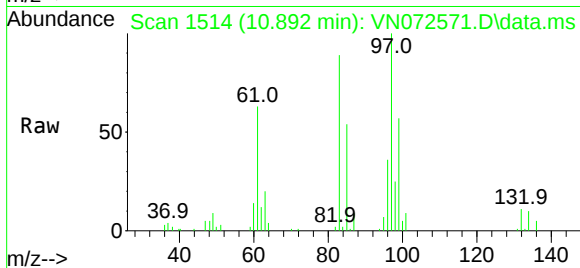




#55  
1,1,2-Trichloroethane  
Concen: 19.644 ug/l  
RT: 10.892 min Scan# 1515  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

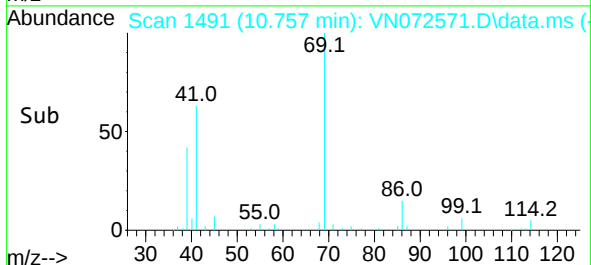
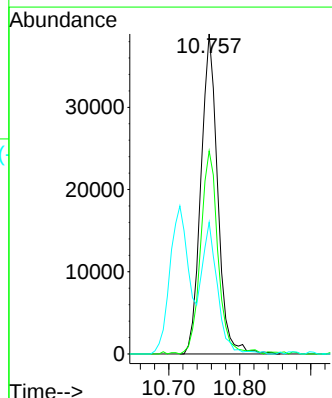
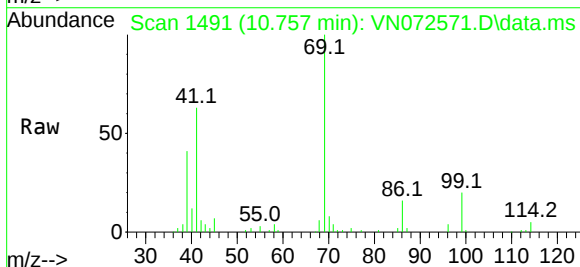
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

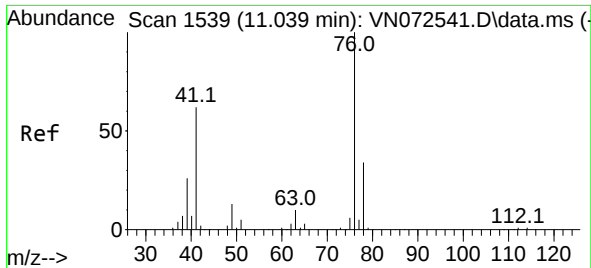
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 43060 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 88.7     | 66.2 99.4   |
| 85 53.9     | 43.9 65.9   |
| 99 57.3     | 50.6 76.0   |



#56  
Ethyl methacrylate  
Concen: 19.478 ug/l  
RT: 10.757 min Scan# 1491  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 63933 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.9     | 47.8 71.6   |
| 39 37.9     | 27.3 40.9   |





#57

1,3-Dichloropropane

Concen: 19.350 ug/l

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

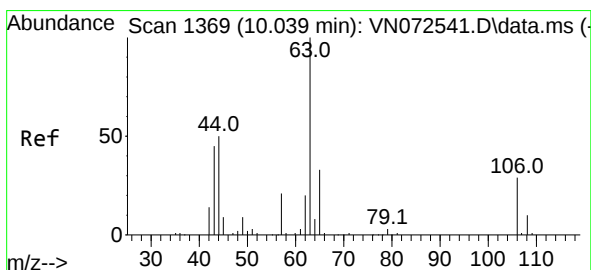
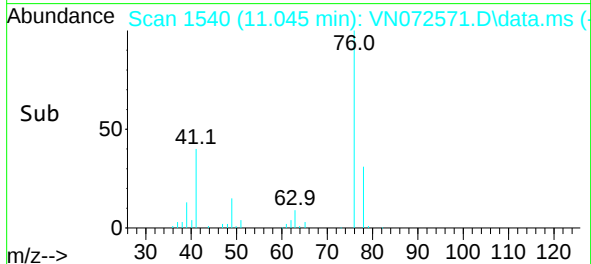
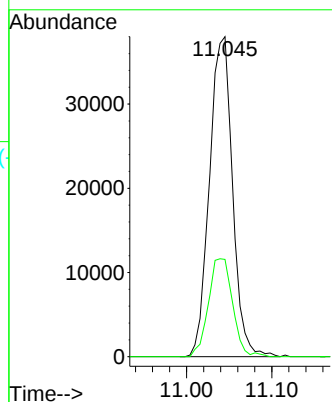
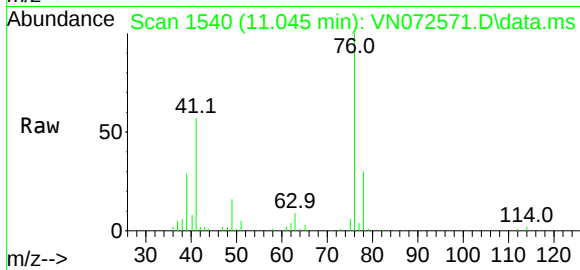
VN0520WBS01

Tgt Ion: 76 Resp: 71512

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 88.651 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072571.D

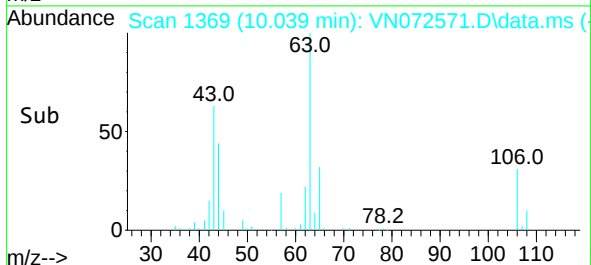
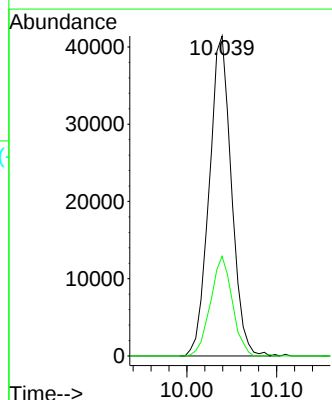
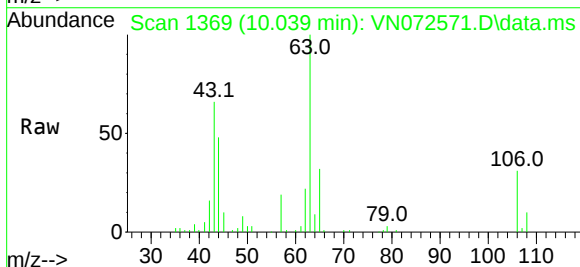
Acq: 20 May 2022 12:35

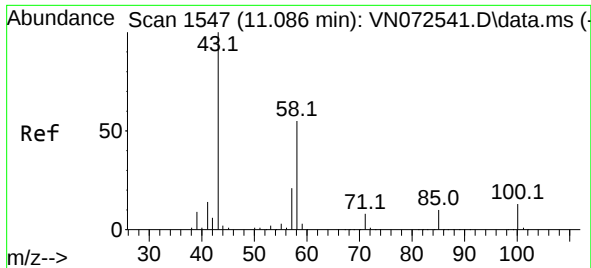
Tgt Ion: 63 Resp: 71042

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8

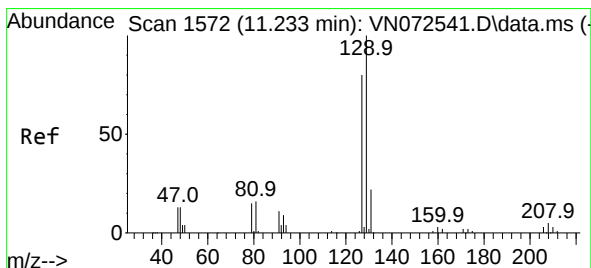
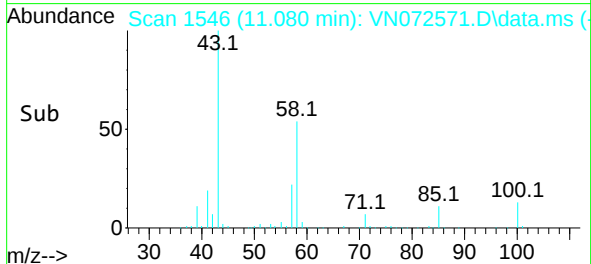
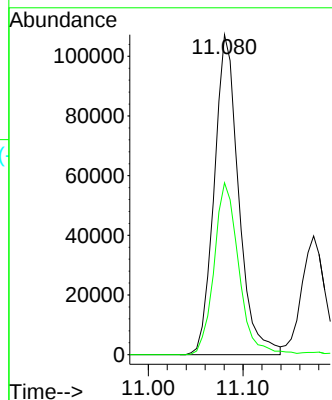
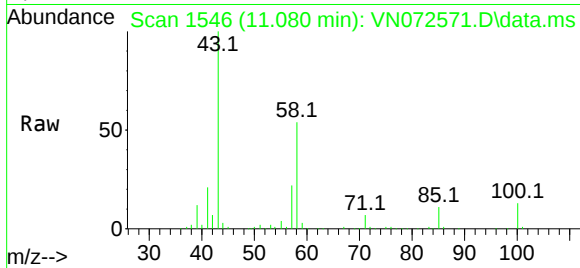




#59  
2-Hexanone  
Concen: 89.192 ug/l  
RT: 11.080 min Scan# 1546  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

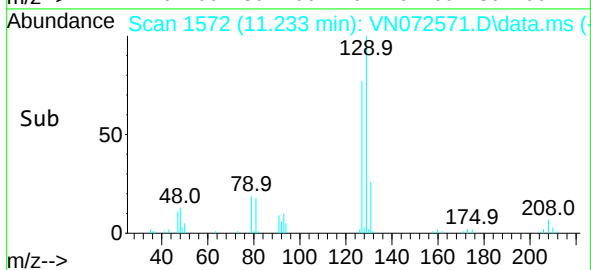
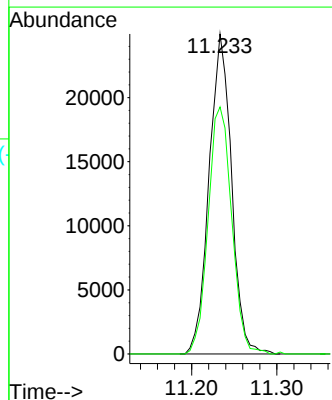
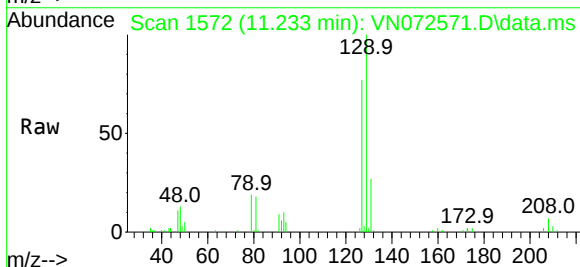
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

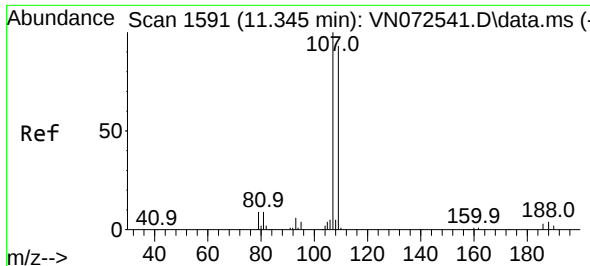
Tgt Ion: 43 Resp: 192451  
Ion Ratio Lower Upper  
43 100  
58 54.2 29.7 89.1



#60  
Dibromochloromethane  
Concen: 18.190 ug/l  
RT: 11.233 min Scan# 1572  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 129 Resp: 45557  
Ion Ratio Lower Upper  
129 100  
127 81.3 38.8 116.4

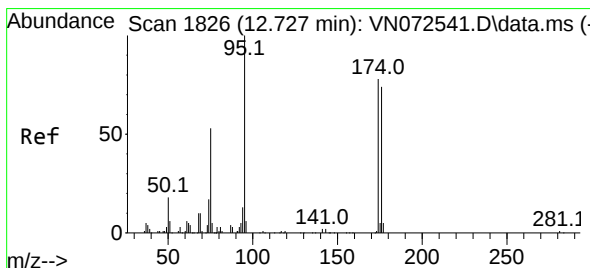
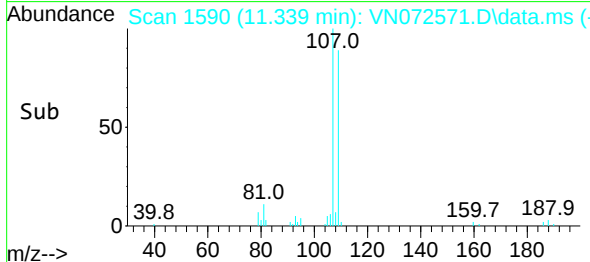
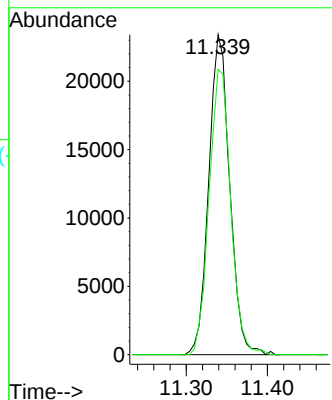
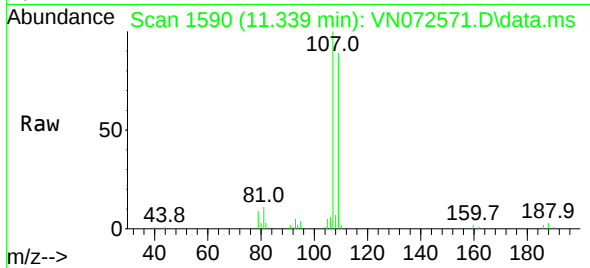




#61  
1,2-Dibromoethane  
Concen: 18.454 ug/l  
RT: 11.339 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

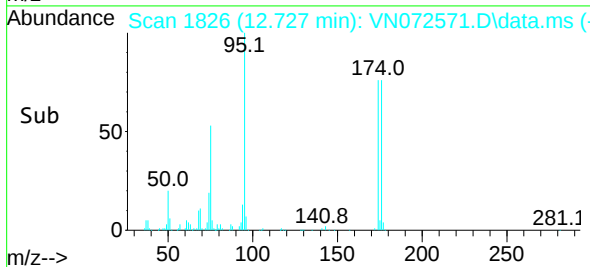
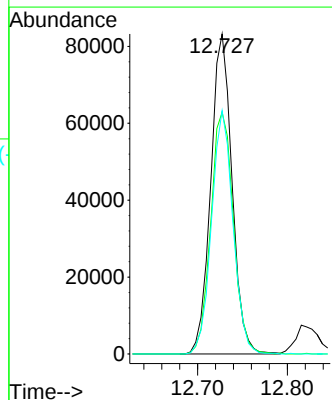
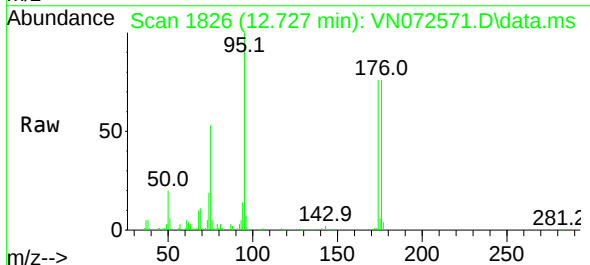
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

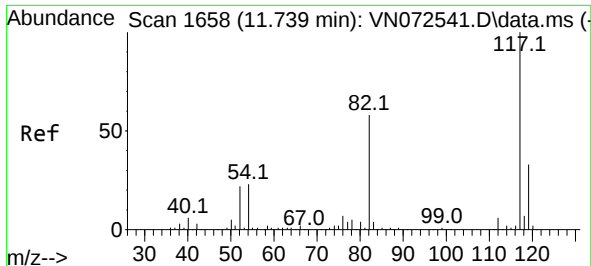
Tgt Ion:107 Resp: 41948  
Ion Ratio Lower Upper  
107 100  
109 92.3 75.0 112.6



#62  
4-Bromofluorobenzene  
Concen: 48.761 ug/l  
RT: 12.727 min Scan# 1826  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 95 Resp: 137103  
Ion Ratio Lower Upper  
95 100  
174 80.5 0.0 167.6  
176 76.4 0.0 163.4

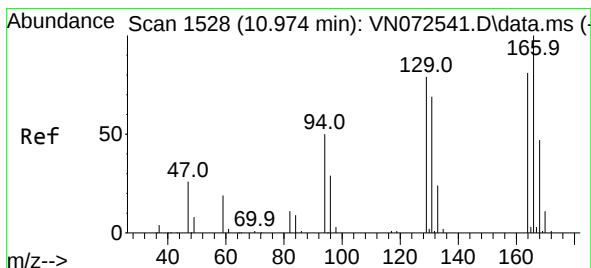
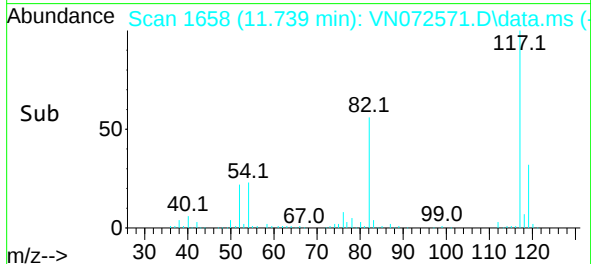
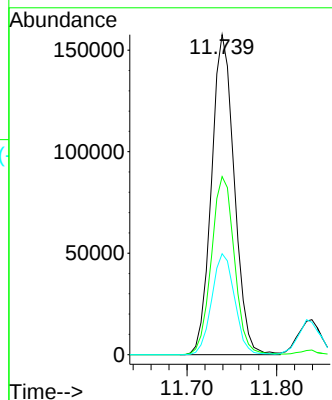
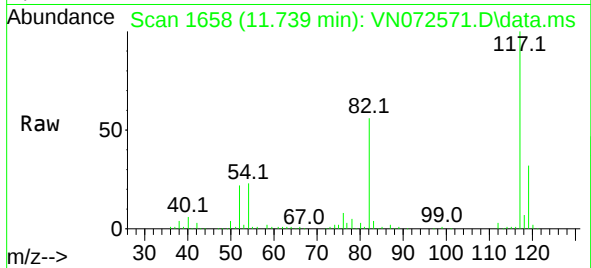




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.739 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

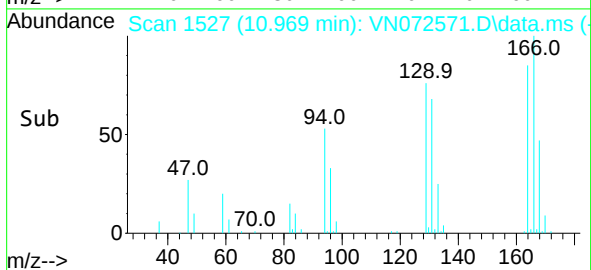
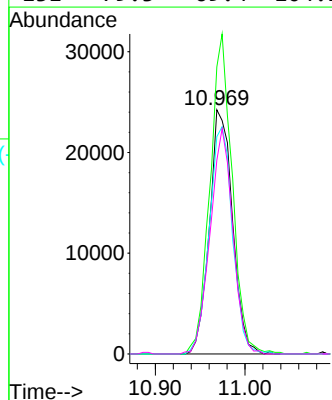
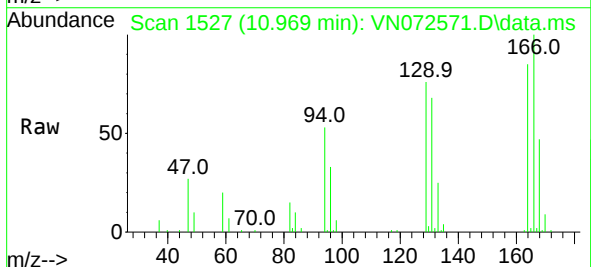
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

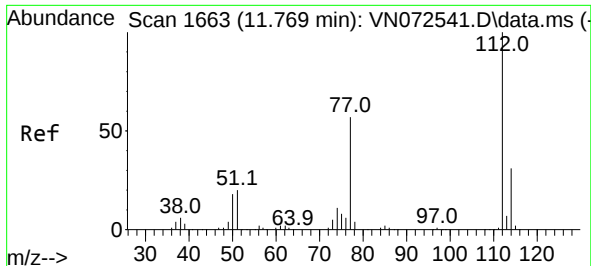
Tgt Ion:117 Resp: 278137  
Ion Ratio Lower Upper  
117 100  
82 55.6 44.2 66.2  
119 31.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 22.435 ug/l  
RT: 10.969 min Scan# 1527  
Delta R.T. -0.005 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion:164 Resp: 43302  
Ion Ratio Lower Upper  
164 100  
166 117.5 104.2 156.2  
129 89.0 73.9 110.9  
131 79.3 69.4 104.2

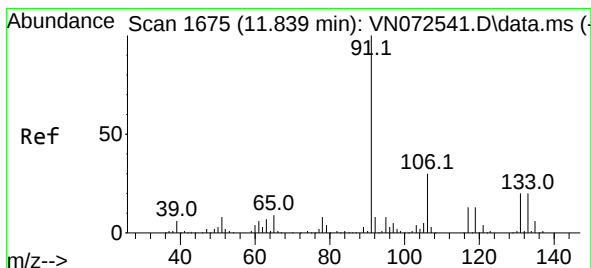
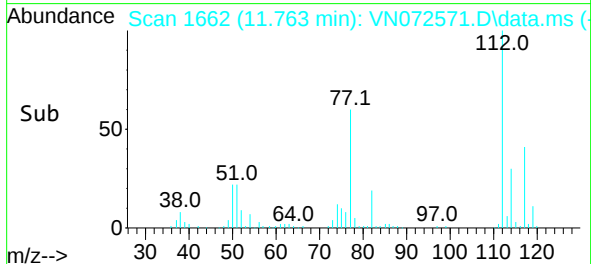
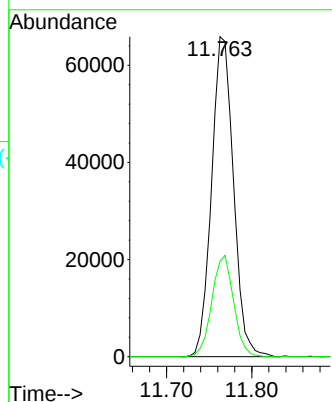
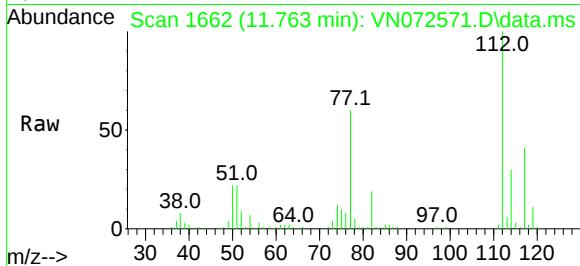




#65  
Chlorobenzene  
Concen: 20.645 ug/l  
RT: 11.763 min Scan# 1662  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

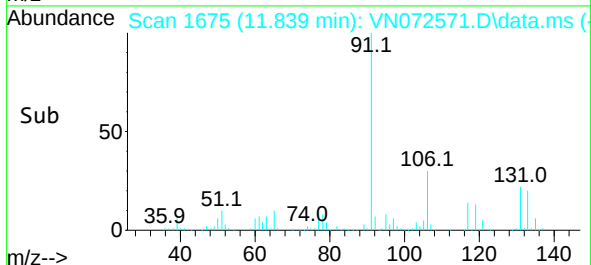
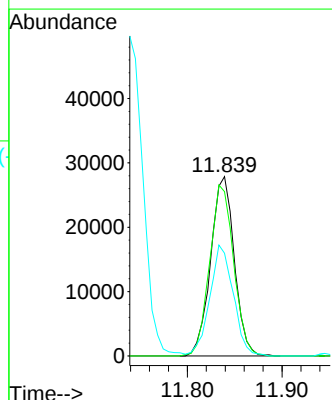
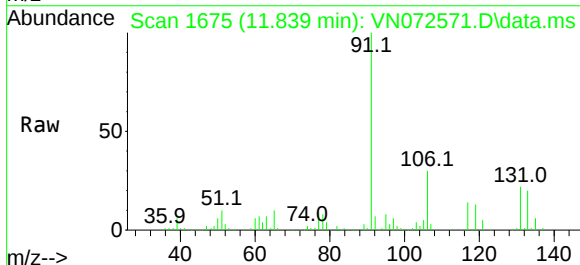
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

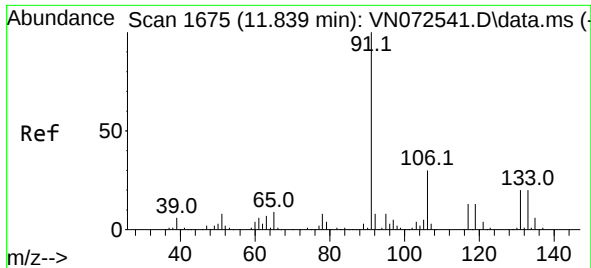
Tgt Ion:112 Resp: 117663  
Ion Ratio Lower Upper  
112 100  
114 29.8 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.080 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion:131 Resp: 48243  
Ion Ratio Lower Upper  
131 100  
133 97.1 47.8 143.4  
119 61.5 33.4 100.2

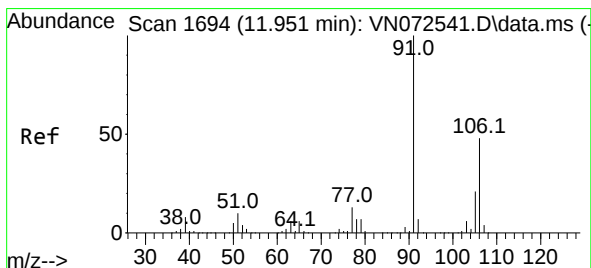
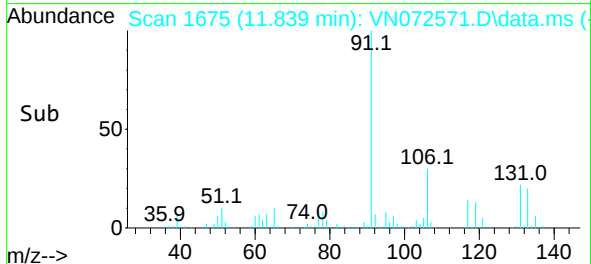
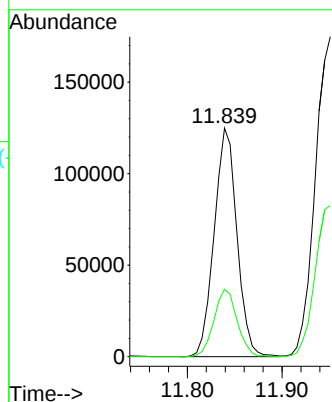
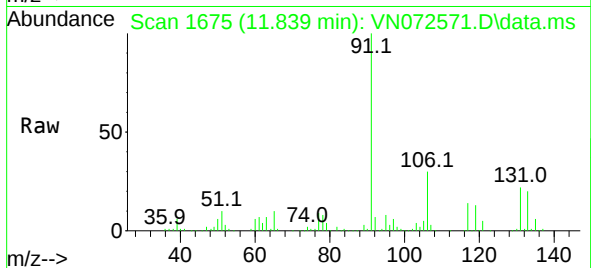




#67  
Ethyl Benzene  
Concen: 21.128 ug/l  
RT: 11.839 min Scan# 1675  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

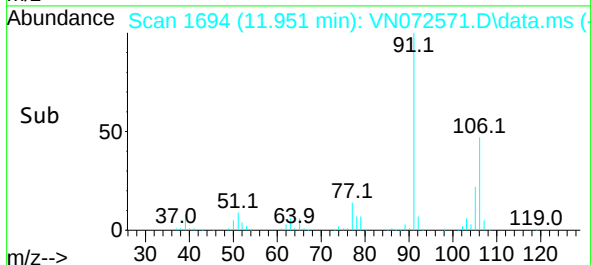
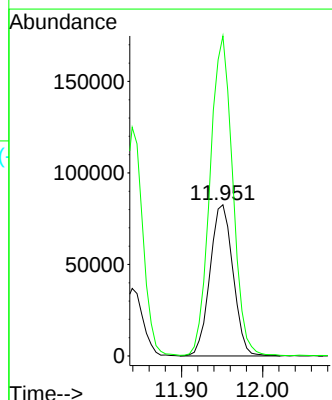
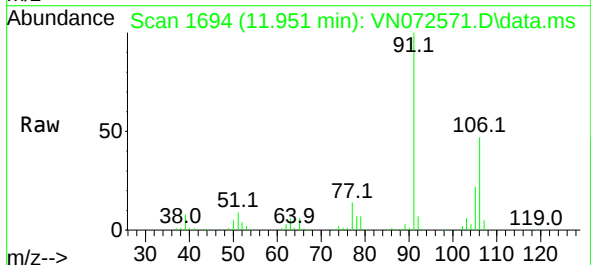
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

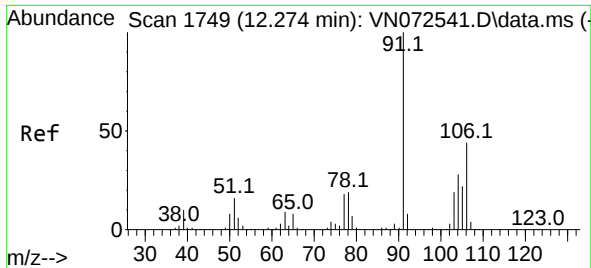
Tgt Ion: 91 Resp: 208437  
Ion Ratio Lower Upper  
91 100  
106 29.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 42.967 ug/l  
RT: 11.951 min Scan# 1694  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 106 Resp: 163190  
Ion Ratio Lower Upper  
106 100  
91 207.4 158.9 238.3

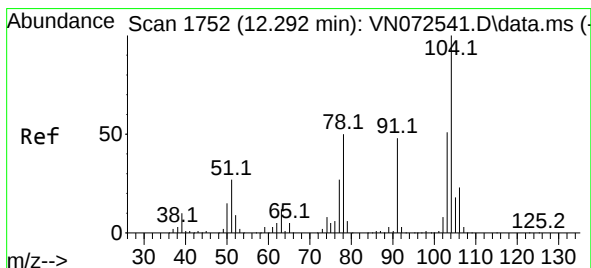
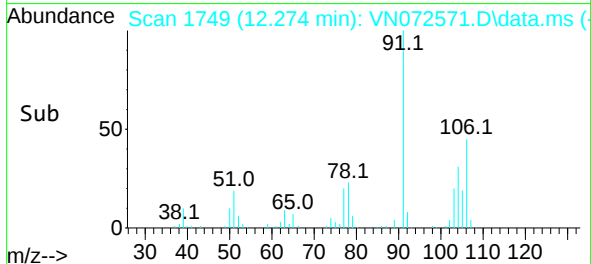
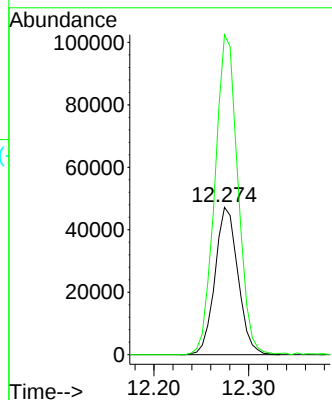
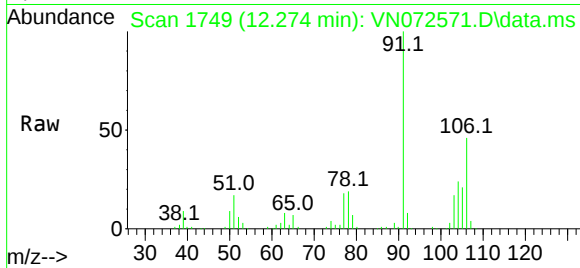




#69  
o-Xylene  
Concen: 20.601 ug/l  
RT: 12.274 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

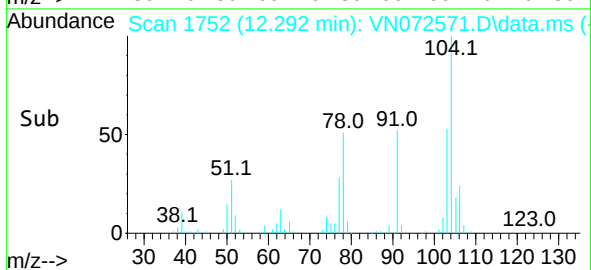
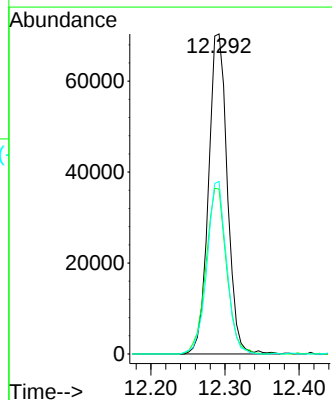
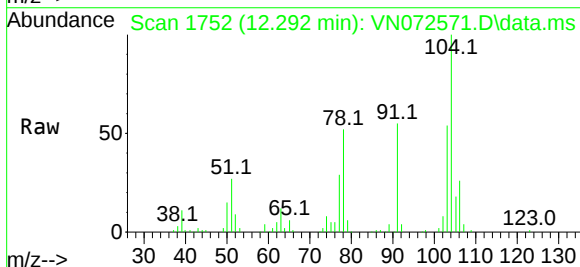
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

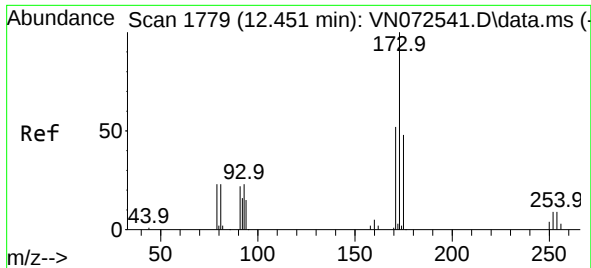
Tgt Ion:106 Resp: 79708  
Ion Ratio Lower Upper  
106 100  
91 217.4 106.0 318.0



#70  
Styrene  
Concen: 20.886 ug/l  
RT: 12.292 min Scan# 1752  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion:104 Resp: 124414  
Ion Ratio Lower Upper  
104 100  
78 56.7 39.5 59.3  
103 55.8 44.0 66.0

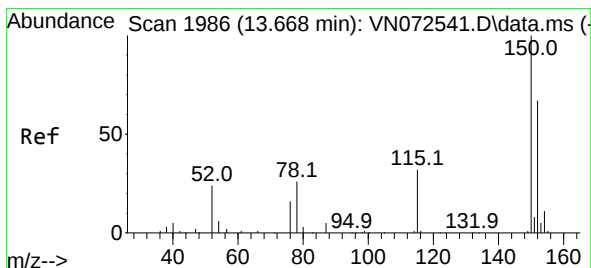
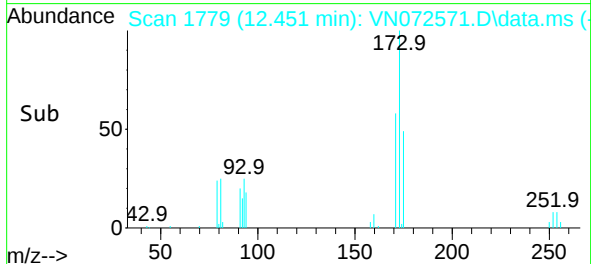
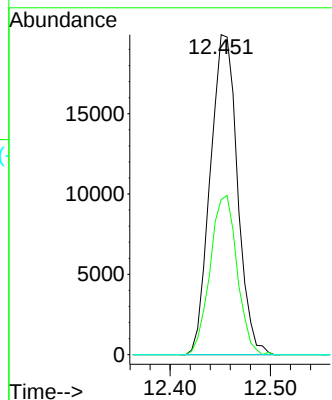
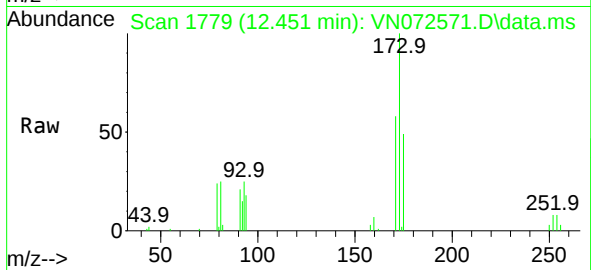




#71  
Bromoform  
Concen: 21.254 ug/l  
RT: 12.451 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

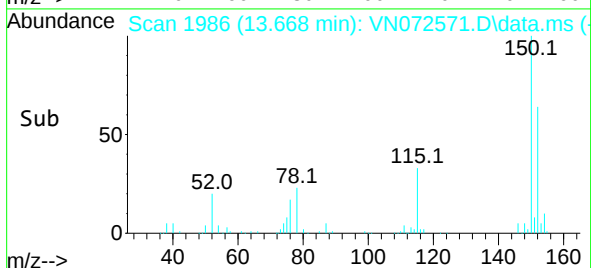
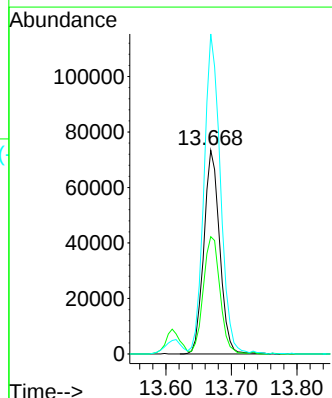
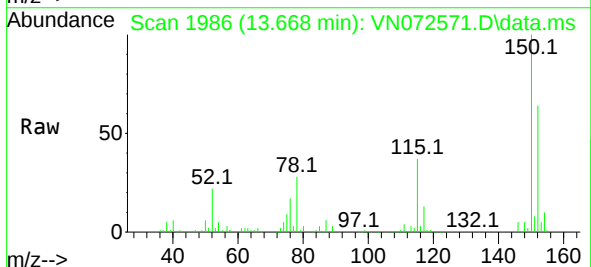
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

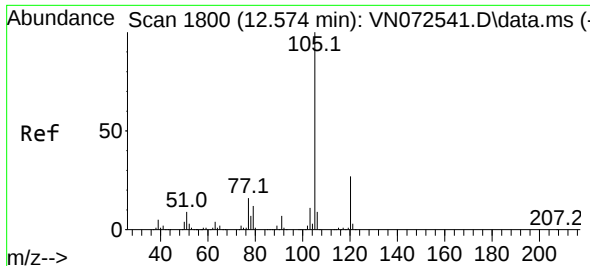
Tgt Ion:173 Resp: 37432  
Ion Ratio Lower Upper  
173 100  
175 49.3 24.6 73.6  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.668 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion:152 Resp: 123599  
Ion Ratio Lower Upper  
152 100  
115 59.5 28.9 86.7  
150 160.7 0.0 356.2

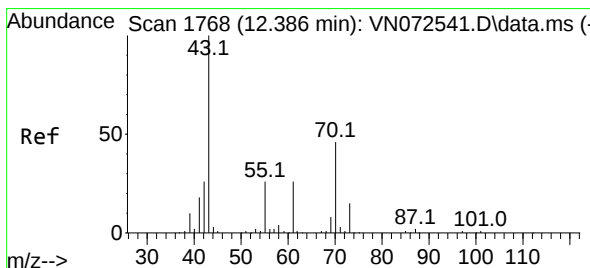
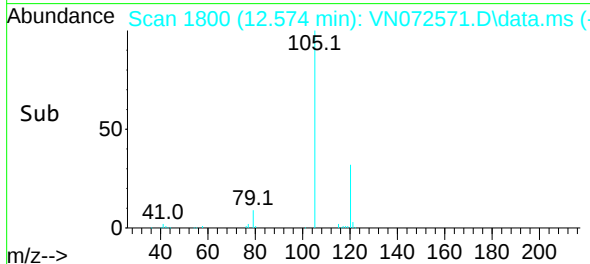
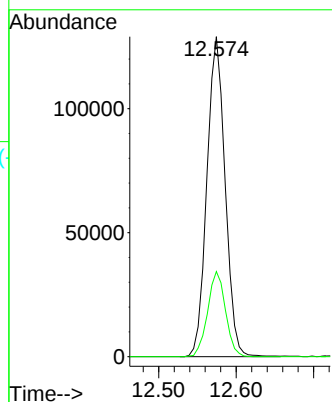
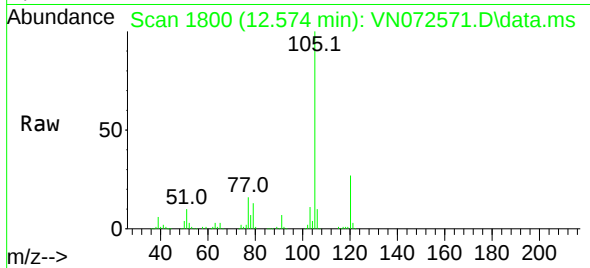




#73  
Isopropylbenzene  
Concen: 20.597 ug/l  
RT: 12.574 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

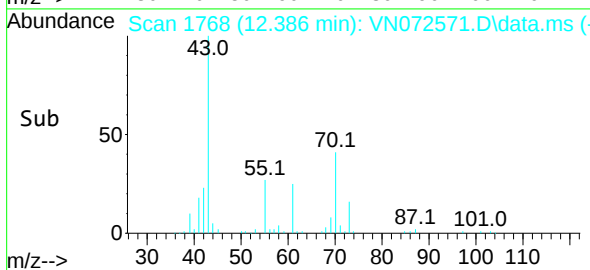
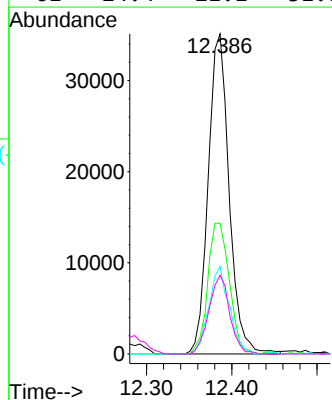
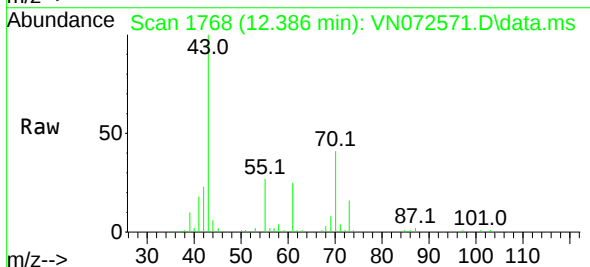
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

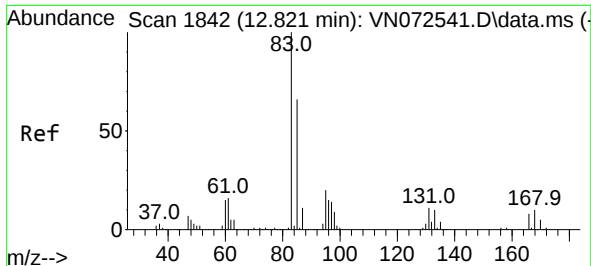
Tgt Ion:105 Resp: 210475  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.5 40.4



#74  
N-ethyl acetate  
Concen: 17.596 ug/l  
RT: 12.386 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 43 Resp: 59894  
Ion Ratio Lower Upper  
43 100  
70 42.0 39.0 58.4  
55 26.6 21.1 31.7  
61 24.4 21.1 31.7

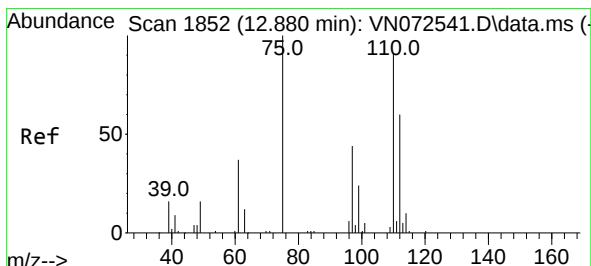
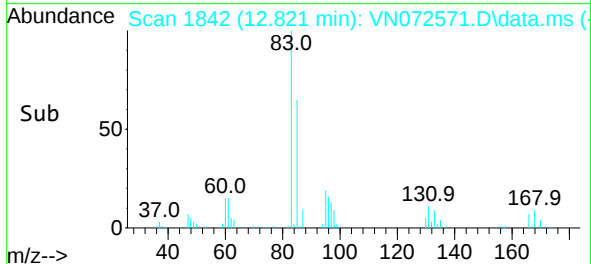
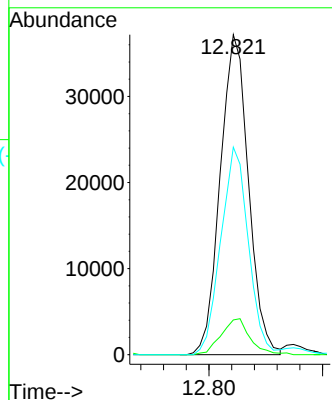
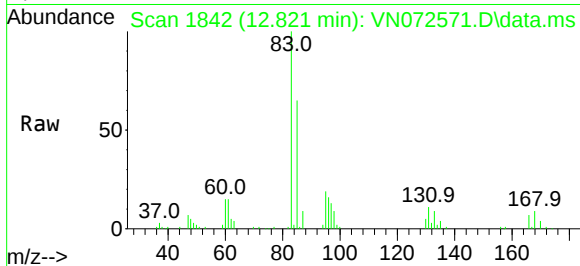




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.718 ug/l  
RT: 12.821 min Scan# 1842  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

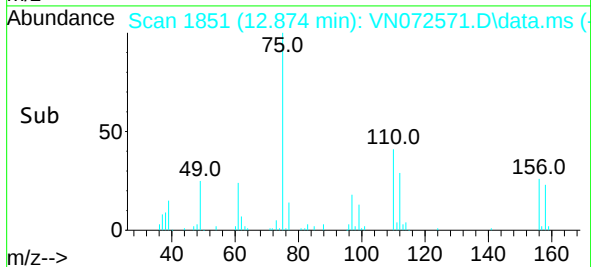
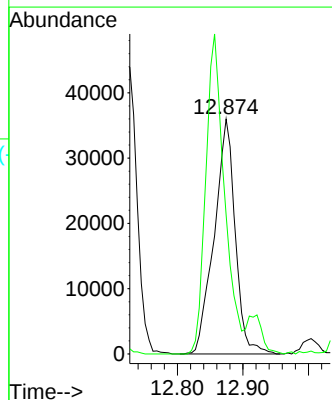
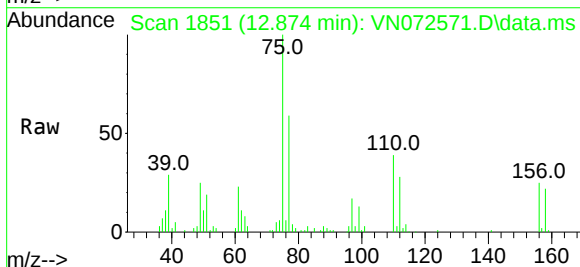
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

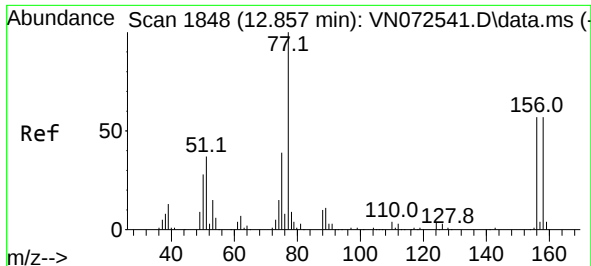
Tgt Ion: 83 Resp: 64133  
Ion Ratio Lower Upper  
83 100  
131 11.6 5.3 15.9  
85 63.4 32.3 96.9



#76  
1,2,3-Trichloropropane  
Concen: 21.409 ug/l  
RT: 12.874 min Scan# 1851  
Delta R.T. -0.006 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 75 Resp: 79935  
Ion Ratio Lower Upper  
75 100  
77 121.4 98.5 295.5

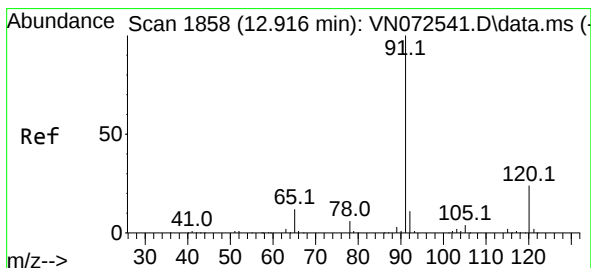
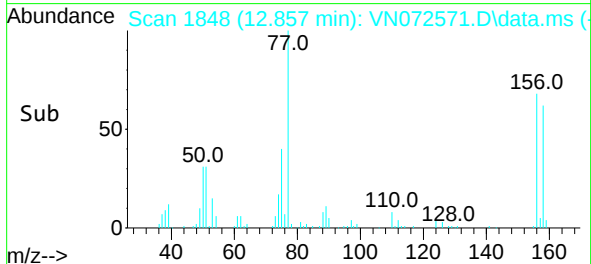
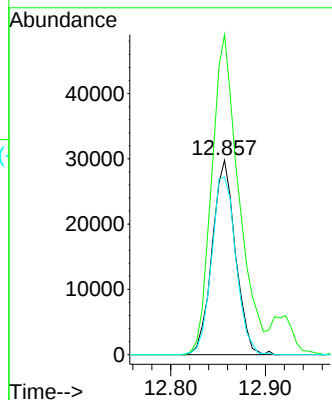
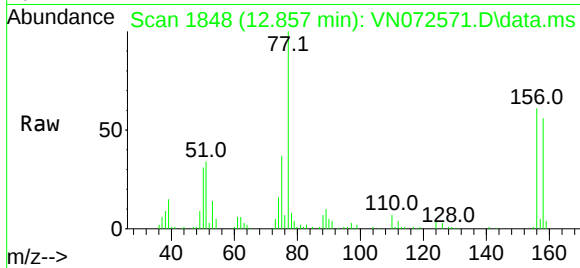




#77  
Bromobenzene  
Concen: 19.394 ug/l  
RT: 12.857 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

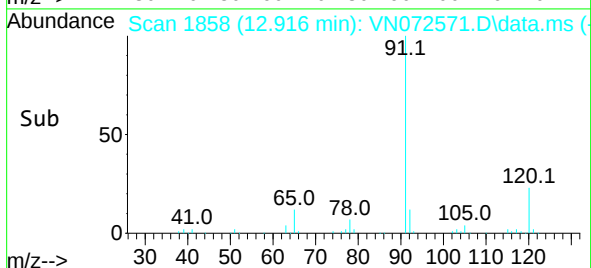
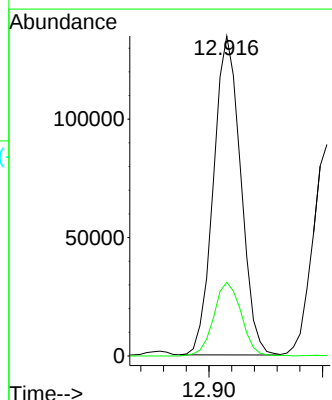
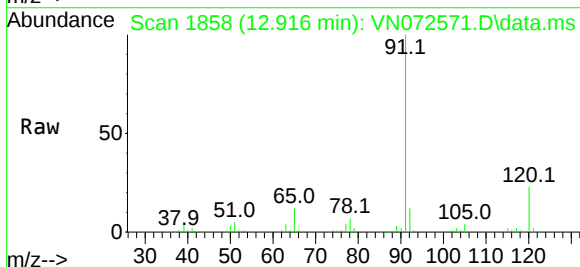
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

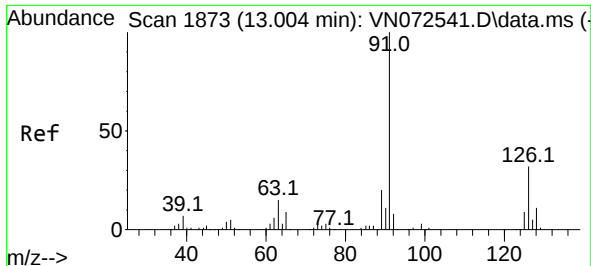
Tgt Ion:156 Resp: 50765  
Ion Ratio Lower Upper  
156 100  
77 191.1 100.5 301.5  
158 96.0 48.9 146.6



#78  
n-propylbenzene  
Concen: 20.061 ug/l  
RT: 12.916 min Scan# 1858  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 91 Resp: 224203  
Ion Ratio Lower Upper  
91 100  
120 23.3 11.9 35.5





#79

2-Chlorotoluene

Concen: 19.769 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

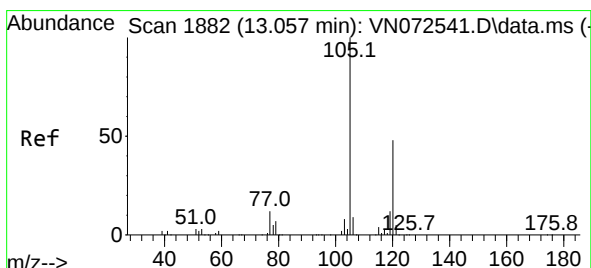
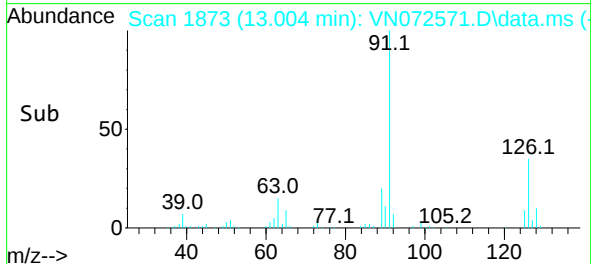
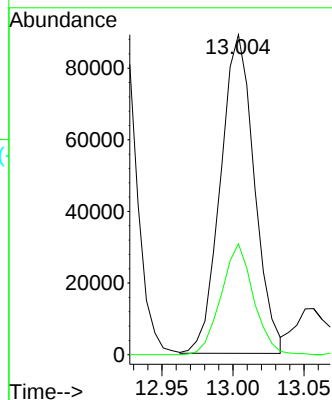
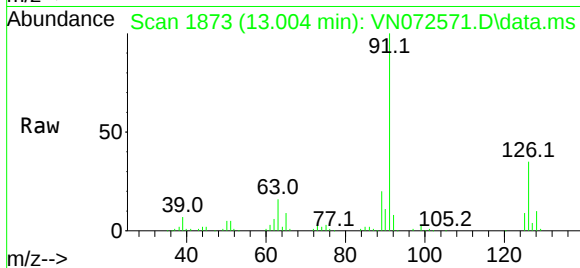
VN0520WBS01

Tgt Ion: 91 Resp: 148008

Ion Ratio Lower Upper

91 100

126 33.2 17.3 51.9



#80

1,3,5-Trimethylbenzene

Concen: 20.501 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN072571.D

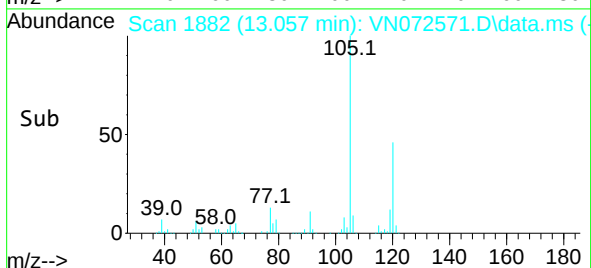
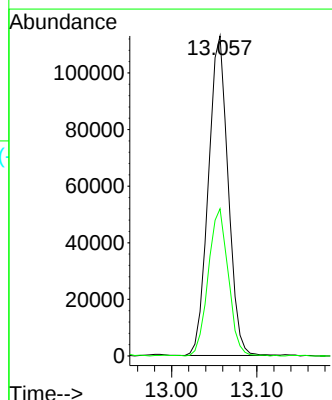
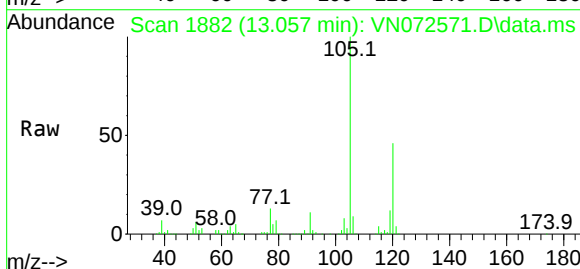
Acq: 20 May 2022 12:35

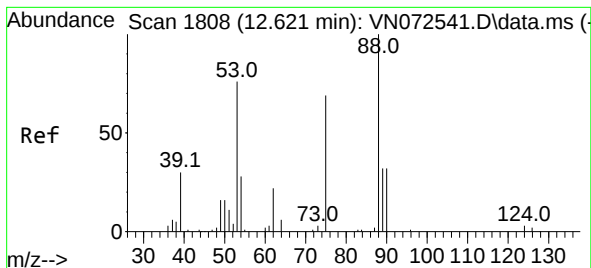
Tgt Ion:105 Resp: 181683

Ion Ratio Lower Upper

105 100

120 46.8 24.9 74.7

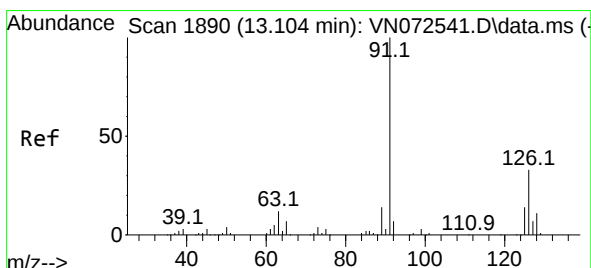
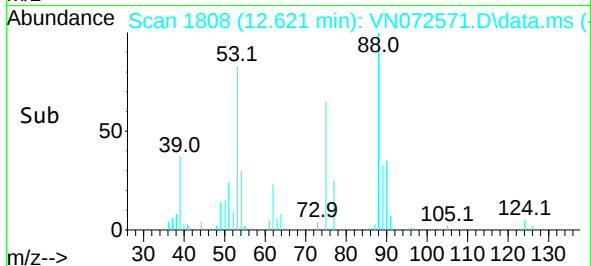
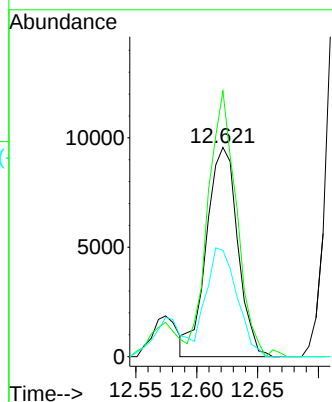
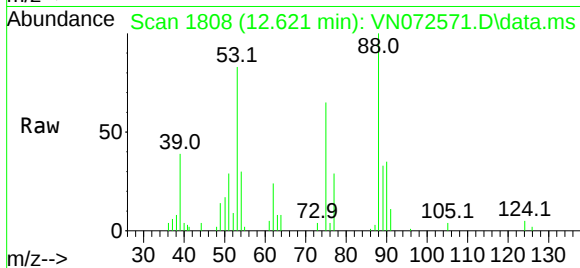




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.173 ug/l  
RT: 12.621 min Scan# 1808  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

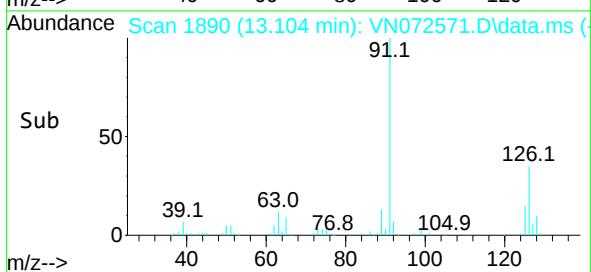
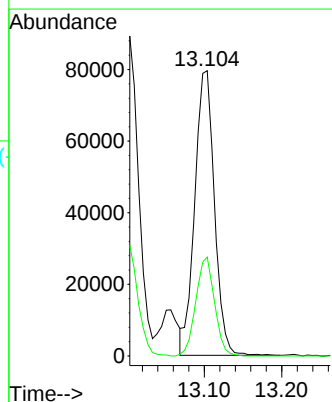
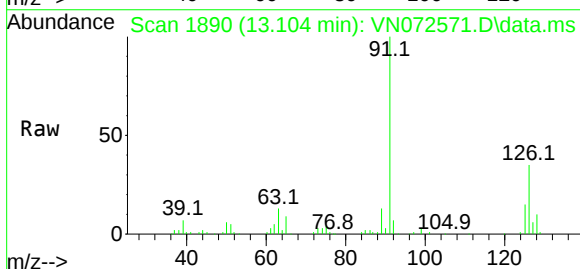
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

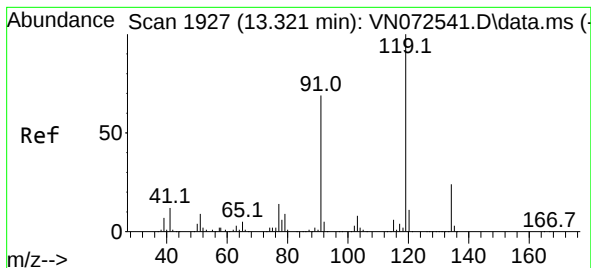
Tgt Ion: 75 Resp: 17172  
Ion Ratio Lower Upper  
75 100  
53 115.2 78.0 117.0  
89 50.7 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 20.055 ug/l  
RT: 13.104 min Scan# 1890  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 91 Resp: 139870  
Ion Ratio Lower Upper  
91 100  
126 33.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.071 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

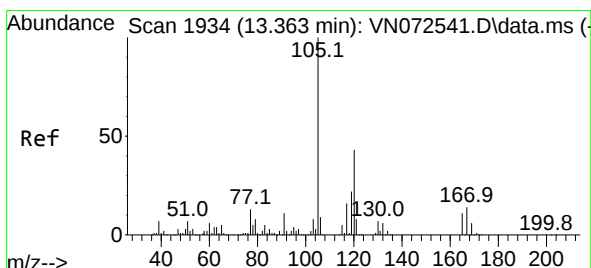
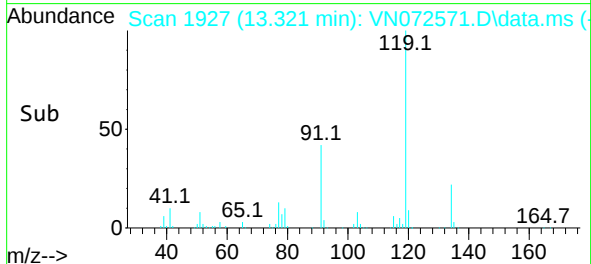
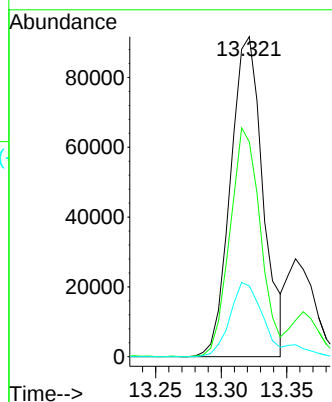
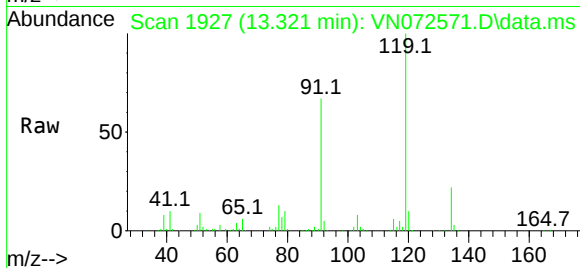
Tgt Ion:119 Resp: 158599

Ion Ratio Lower Upper

119 100

91 67.0 31.6 94.8

134 25.6 13.7 41.1



#84

1,2,4-Trimethylbenzene

Concen: 20.889 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072571.D

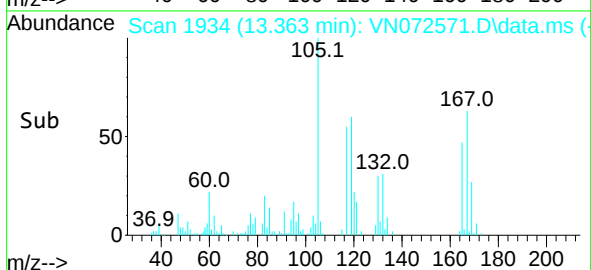
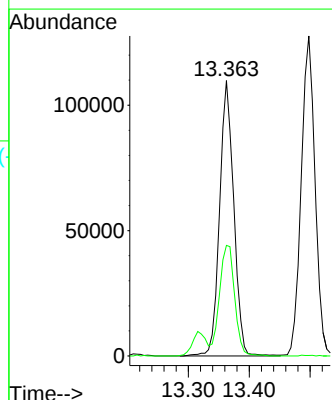
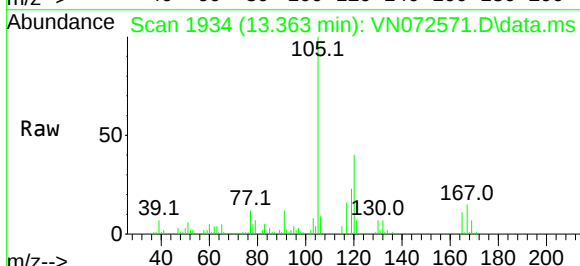
Acq: 20 May 2022 12:35

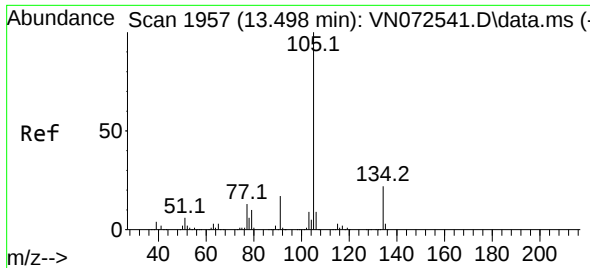
Tgt Ion:105 Resp: 177577

Ion Ratio Lower Upper

105 100

120 43.3 23.3 69.8

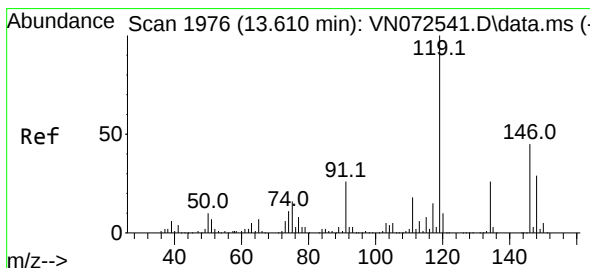
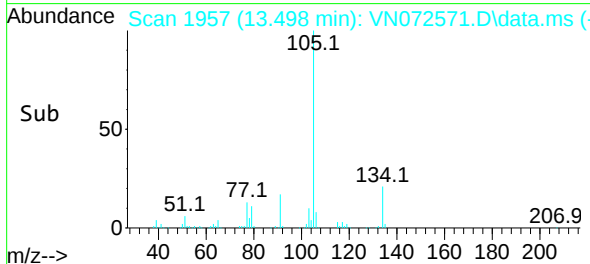
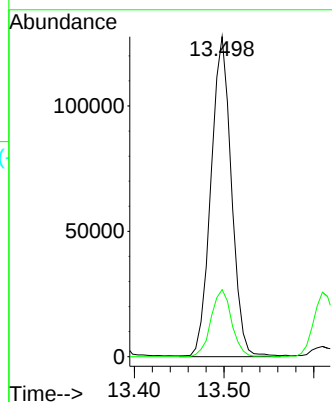
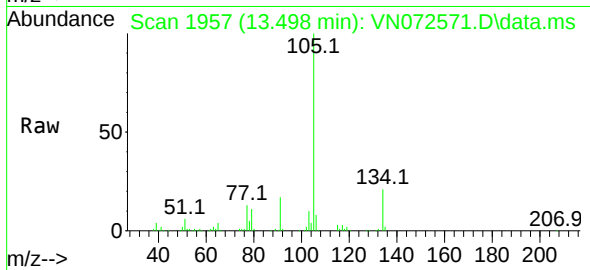




#85  
 sec-Butylbenzene  
 Concen: 20.684 ug/l  
 RT: 13.498 min Scan# 1957  
 Delta R.T. -0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

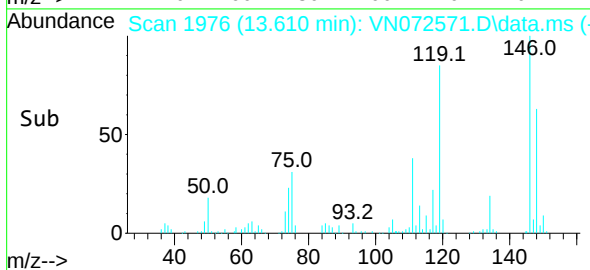
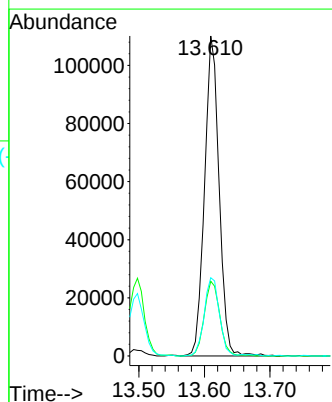
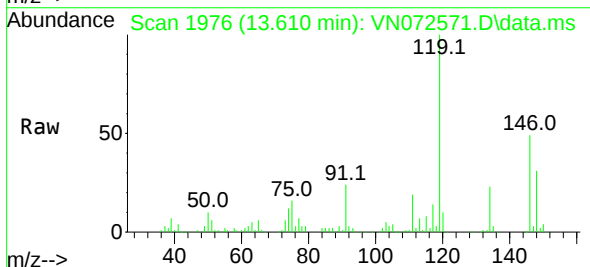
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

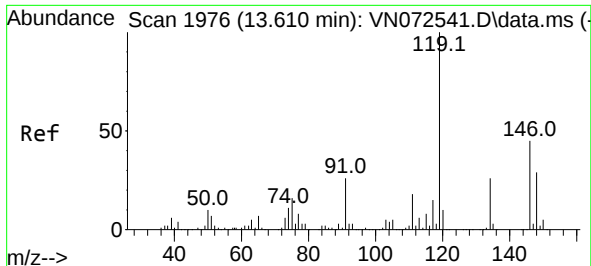
Tgt Ion:105 Resp: 202187  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.4 31.1



#86  
 p-Isopropyltoluene  
 Concen: 21.176 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion:119 Resp: 170226  
 Ion Ratio Lower Upper  
 119 100  
 134 25.0 13.3 39.8  
 91 25.4 11.3 33.9

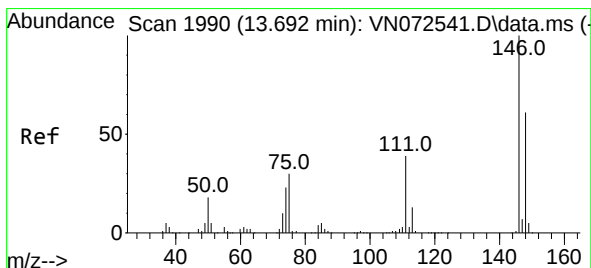
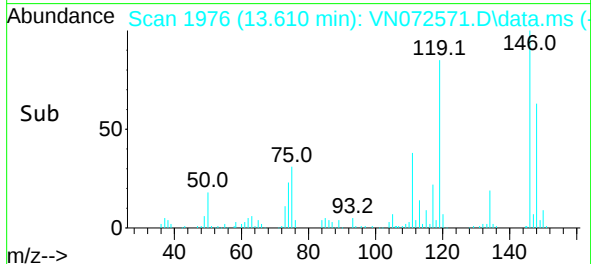
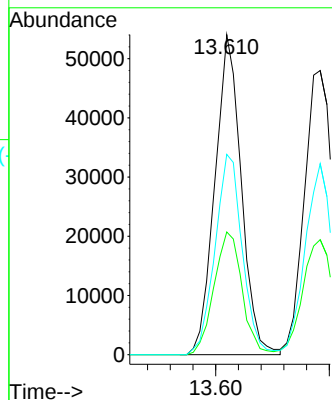
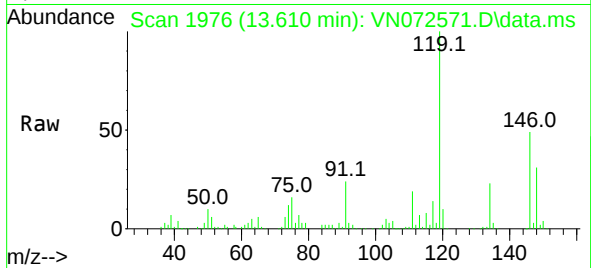




#87  
 1,3-Dichlorobenzene  
 Concen: 20.305 ug/l  
 RT: 13.610 min Scan# 1976  
 Delta R.T. -0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

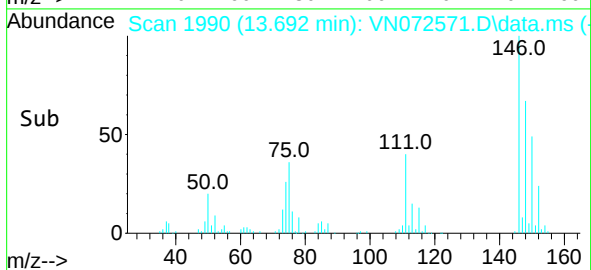
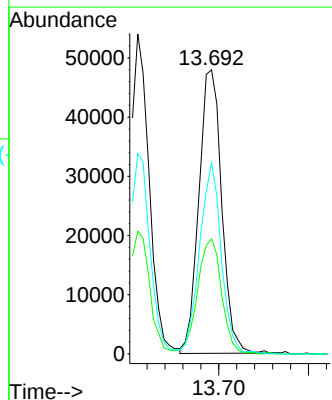
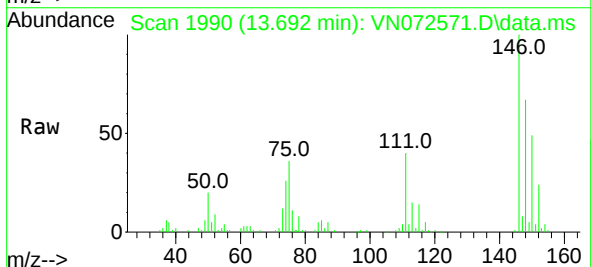
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 MSVOA\_N  
 ClientSampleId :  
 VN0520WBS01

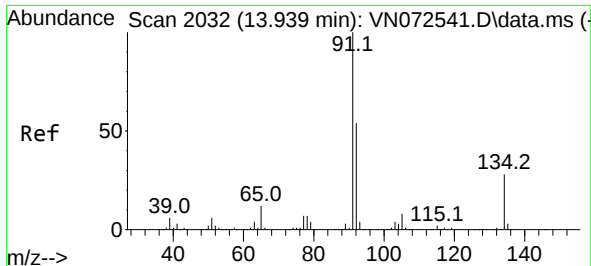
Tgt Ion:146 Resp: 87055  
 Ion Ratio Lower Upper  
 146 100  
 111 40.8 20.0 60.0  
 148 64.8 32.0 96.0



#88  
 1,4-Dichlorobenzene  
 Concen: 20.273 ug/l  
 RT: 13.692 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: VN072571.D  
 Acq: 20 May 2022 12:35

Tgt Ion:146 Resp: 84546  
 Ion Ratio Lower Upper  
 146 100  
 111 42.6 19.1 57.1  
 148 64.5 31.4 94.3

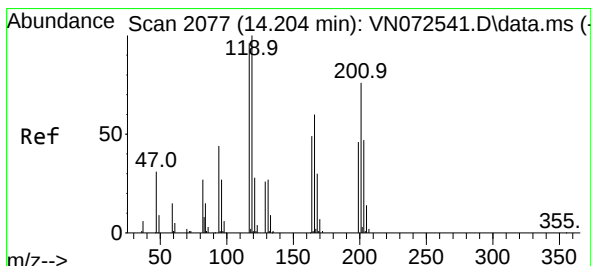
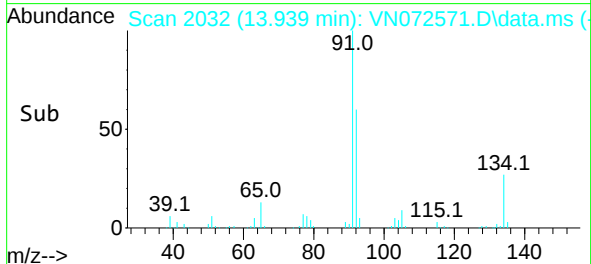
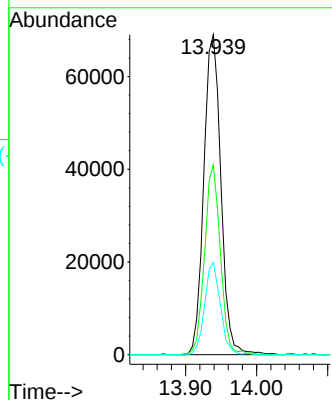
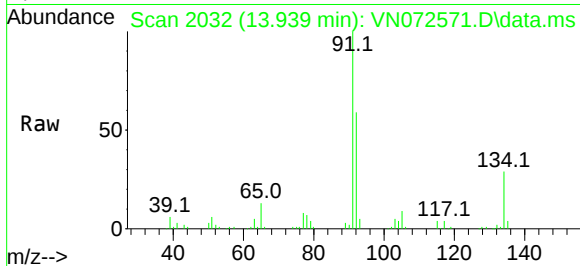




#89  
n-Butylbenzene  
Concen: 19.071 ug/l  
RT: 13.939 min Scan# 2032  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

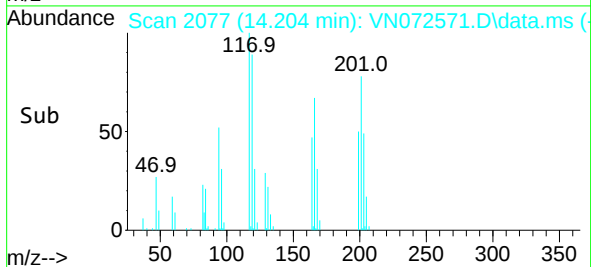
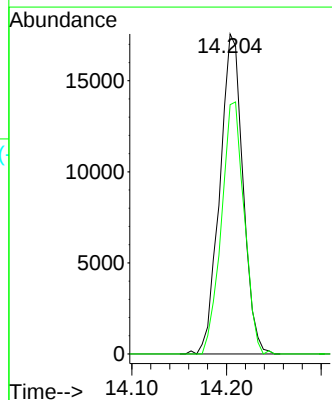
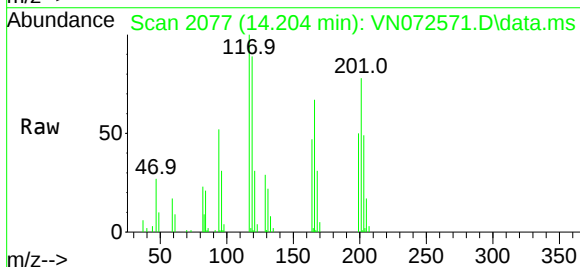
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MSVOA\_N  
ClientSampleId :  
VN0520WBS01

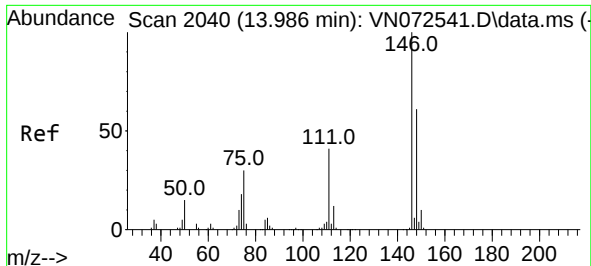
Tgt Ion: 91 Resp: 116052  
Ion Ratio Lower Upper  
91 100  
92 54.8 26.9 80.7  
134 26.3 13.6 40.8



#90  
Hexachloroethane  
Concen: 20.752 ug/l  
RT: 14.204 min Scan# 2077  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 117 Resp: 29846  
Ion Ratio Lower Upper  
117 100  
201 77.4 40.6 122.0

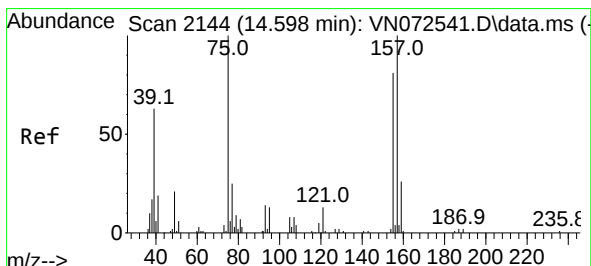
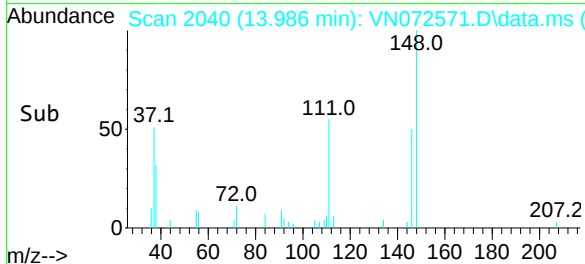
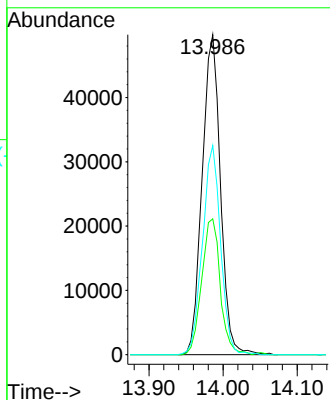
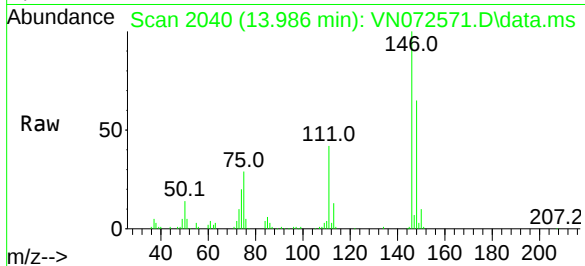




#91  
1,2-Dichlorobenzene  
Concen: 19.851 ug/l  
RT: 13.986 min Scan# 2040  
Delta R.T. 0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

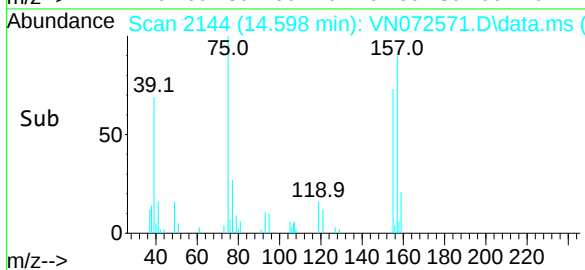
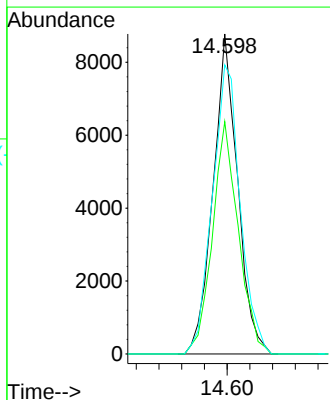
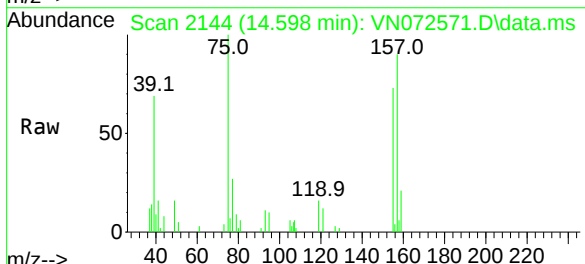
Instrument :  
MSVOA\_N  
ClientSampleId :  
VN0520WBS01

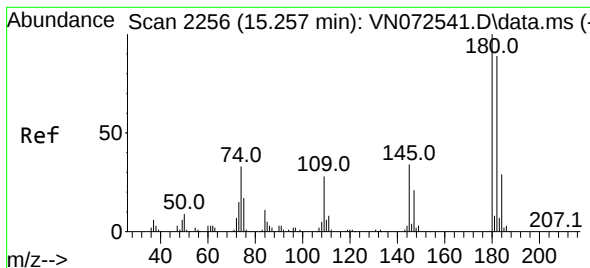
Tgt Ion:146 Resp: 85360  
Ion Ratio Lower Upper  
146 100  
111 43.0 20.9 62.8  
148 64.7 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 20.135 ug/l  
RT: 14.598 min Scan# 2144  
Delta R.T. -0.000 min  
Lab File: VN072571.D  
Acq: 20 May 2022 12:35

Tgt Ion: 75 Resp: 13187  
Ion Ratio Lower Upper  
75 100  
155 76.6 44.9 134.5  
157 102.4 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 18.263 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

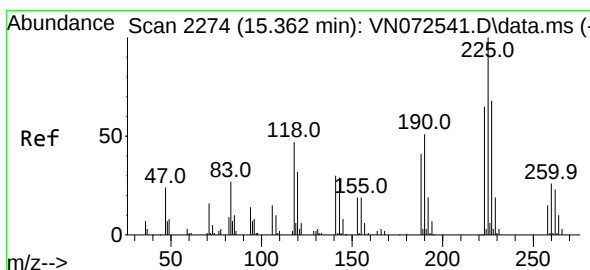
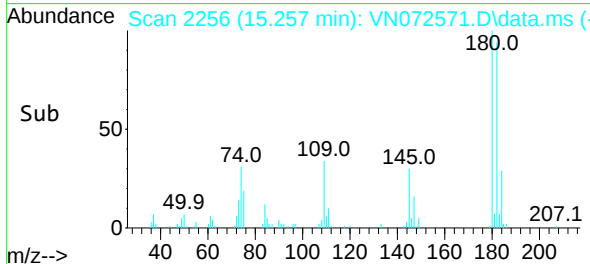
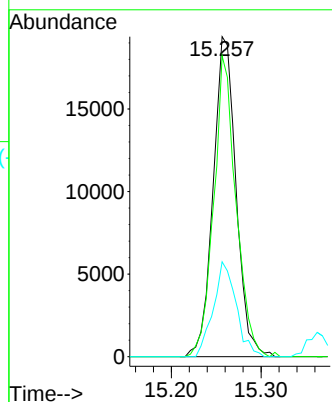
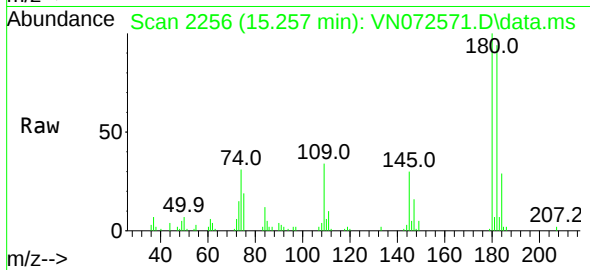
Tgt Ion:180 Resp: 34316

Ion Ratio Lower Upper

180 100

182 91.4 47.5 142.5

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.458 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

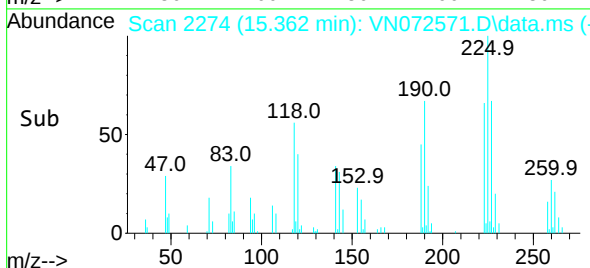
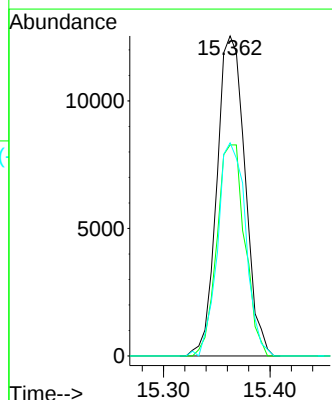
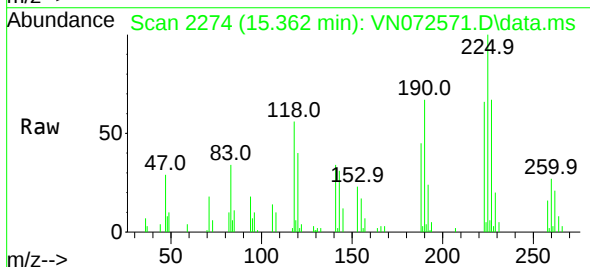
Tgt Ion:225 Resp: 22962

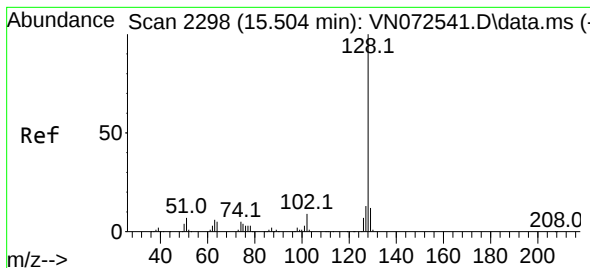
Ion Ratio Lower Upper

225 100

223 65.5 32.4 97.2

227 66.7 31.8 95.4





#95

Naphthalene

Concen: 15.578 ug/l

RT: 15.504 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Instrument :

MSVOA\_N

ClientSampleId :

VN0520WBS01

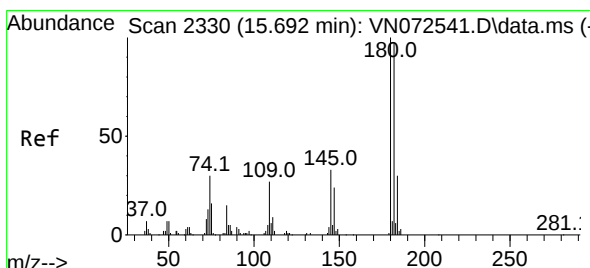
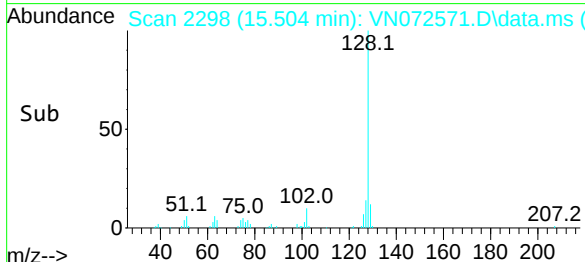
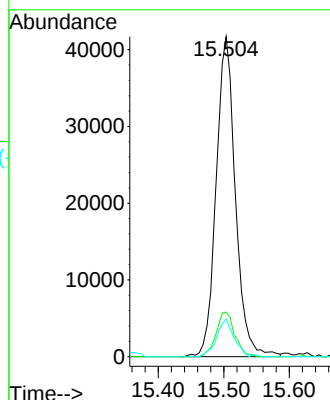
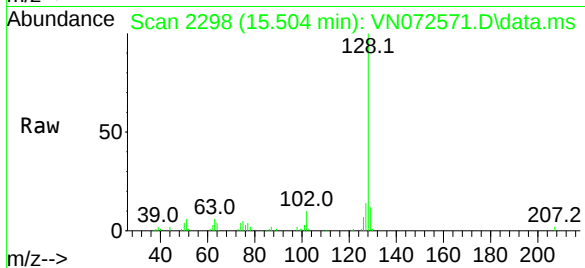
Tgt Ion:128 Resp: 84818

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.818 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.006 min

Lab File: VN072571.D

Acq: 20 May 2022 12:35

Tgt Ion:180 Resp: 34532

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.3

145 32.4 15.5 46.5

