

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031821\  
 Data File : VX021273.D  
 Acq On : 18 Mar 2021 10:40  
 Operator : JC/MD  
 Sample : VSTD00565  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Mar 18 11:32:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR031821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 18 11:31:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 6.829  | 114  | 63672    | 5.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.094 | 117  | 58070    | 5.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.059 | 152  | 28806    | 5.00  | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.387  | 65   | 18745    | 3.83  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.693  | 69   | 14671    | 3.50  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.340  | 63   | 44230    | 4.56  | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 4.529  | 46   | 52317    | 47.58 | ug/L   | 0.00     |
| 24) Chloroform-d              | 5.141  | 84   | 41855    | 4.31  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 6.023  | 65   | 23409    | 4.81  | ug/L   | 0.00     |
| 32) Benzene-d6                | 6.047  | 84   | 75315    | 4.20  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.364  | 67   | 23290    | 4.23  | ug/L   | 0.00     |
| 41) Toluene-d8                | 8.694  | 98   | 72525    | 4.49  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.994  | 79   | 10376    | 5.23  | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 9.423  | 63   | 42365    | 48.78 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.230 | 84   | 17755    | 4.52  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.359 | 152  | 26525    | 4.76  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.181  | 85   | 36267    | 5.21  | ug/L   | 99       |
| 3) Chloromethane              | 1.311  | 50   | 33187    | 5.39  | ug/L   | 98       |
| 5) Vinyl chloride             | 1.393  | 62   | 27666    | 4.37  | ug/L   | 98       |
| 6) Bromomethane               | 1.628  | 94   | 11166    | 3.44  | ug/L   | 100      |
| 8) Chloroethane               | 1.711  | 64   | 15653    | 4.20  | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.917  | 101  | 41437    | 4.99  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.364  | 101  | 23861    | 4.98  | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.352  | 96   | 21608    | 4.70  | ug/L   | 74       |
| 13) Acetone                   | 2.417  | 43   | 36016    | 55.21 | ug/L   | 88       |
| 14) Carbon disulfide          | 2.546  | 76   | 71900    | 4.60  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.746  | 43   | 9905     | 5.35  | ug/L # | 88       |
| 16) Methylene chloride        | 2.834  | 84   | 23091    | 4.05  | ug/L   | 86       |
| 17) Methyl tert-butyl Ether   | 3.164  | 73   | 55541    | 5.14  | ug/L # | 93       |
| 18) trans-1,2-Dichloroethene  | 3.140  | 96   | 23070    | 4.52  | ug/L   | 91       |
| 19) 1,1-Dichloroethane        | 3.670  | 63   | 43156    | 4.71  | ug/L   | 96       |
| 21) 2-Butanone                | 4.629  | 43   | 60563    | 54.26 | ug/L   | 92       |
| 22) cis-1,2-Dichloroethene    | 4.558  | 96   | 24170    | 4.54  | ug/L   | 84       |
| 23) Bromochloromethane        | 4.976  | 128  | 10370    | 4.40  | ug/L   | 89       |
| 25) Chloroform                | 5.176  | 83   | 45579    | 4.72  | ug/L   | 97       |
| 27) 1,2-Dichloroethane        | 6.158  | 62   | 31196    | 5.46  | ug/L   | 95       |
| 29) 1,1,1-Trichloroethane     | 5.464  | 97   | 42030    | 5.38  | ug/L   | 97       |
| 30) Cyclohexane               | 5.547  | 56   | 41557    | 5.57  | ug/L   | 94       |
| 31) Carbon tetrachloride      | 5.752  | 117  | 36544    | 5.44  | ug/L   | 99       |
| 33) Benzene                   | 6.111  | 78   | 94510    | 4.87  | ug/L   | 100      |
| 34) Trichloroethene           | 7.182  | 95   | 26111    | 5.07  | ug/L   | 88       |
| 35) Methylcyclohexane         | 7.435  | 83   | 41866    | 5.36  | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 7.488  | 63   | 23733    | 4.90  | ug/L   | 97       |
| 38) Bromodichloromethane      | 7.870  | 83   | 32606    | 5.37  | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 8.412  | 75   | 36353    | 5.38  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 8.617  | 43   | 154064   | 61.65 | ug/L # | 88       |
| 42) Toluene                   | 8.765  | 91   | 100829   | 4.97  | ug/L   | 96       |
| 44) trans-1,3-Dichloropropene | 9.023  | 75   | 30961    | 5.48  | ug/L   | 99       |

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 Operator : JC/MD  
 Sample : VSTD00565  
 Misc : 25.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

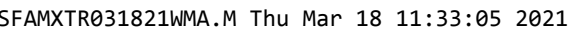
Instrument :  
 MSVOA\_X  
 ClientSampleId :

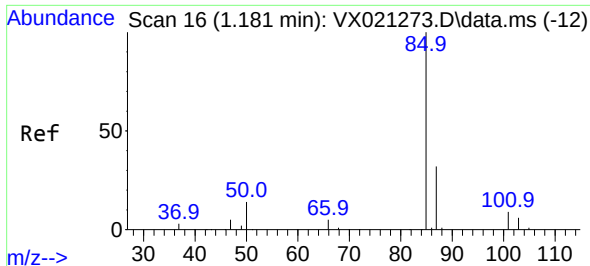
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR031821WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 18 11:31:29 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 9.194  | 97   | 16602    | 4.86  | ug/L   | 98       |
| 47) Tetrachloroethene         | 9.318  | 164  | 18933    | 4.67  | ug/L   | 97       |
| 48) 2-Hexanone                | 9.471  | 43   | 112001   | 64.86 | ug/L # | 88       |
| 49) Dibromochloromethane      | 9.565  | 129  | 20087    | 5.35  | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 9.653  | 107  | 15982    | 5.19  | ug/L   | 99       |
| 51) Chlorobenzene             | 10.118 | 112  | 63586    | 4.95  | ug/L   | 95       |
| 52) Ethylbenzene              | 10.235 | 91   | 117072   | 5.40  | ug/L   | 100      |
| 53) m,p-xylene                | 10.341 | 106  | 42642    | 5.25  | ug/L   | 86       |
| 54) o-xylene                  | 10.682 | 106  | 40307    | 5.19  | ug/L   | 93       |
| 55) Styrene                   | 10.694 | 104  | 69022    | 5.31  | ug/L   | 86       |
| 57) 1,1,2,2-Tetrachloroethane | 11.247 | 83   | 19577    | 5.09  | ug/L   | 100      |
| 59) Bromoform                 | 10.841 | 173  | 11038    | 5.41  | ug/L   | 98       |
| 60) Isopropylbenzene          | 11.000 | 105  | 111772   | 5.51  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.277 | 75   | 14727    | 5.21  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 98353    | 5.90  | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 11.789 | 105  | 98438    | 5.92  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 12.006 | 146  | 49019    | 5.08  | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 12.083 | 146  | 50002    | 5.13  | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.377 | 146  | 45244    | 5.03  | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.983 | 75   | 3668     | 5.83  | ug/L   | 84       |
| 69) 1,3,5-Trichlorobenzene    | 13.153 | 180  | 37525    | 5.09  | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.630 | 180  | 31410    | 5.32  | ug/L   | 97       |
| 71) Naphthalene               | 13.818 | 128  | 58285    | 5.84  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 14.001 | 180  | 27851    | 5.14  | ug/L   | 97       |
| -----                         |        |      |          |       |        |          |

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXTR031821WMA.M  
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QLast Update : Thu Mar 18 11:31:29 2021  
Response via : Initial Calibration

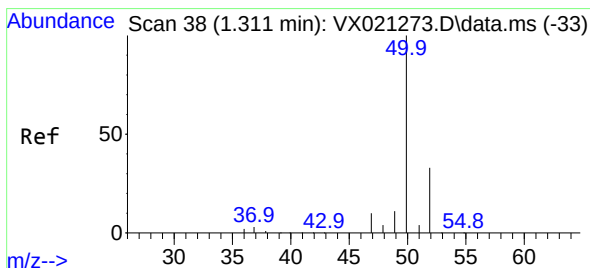
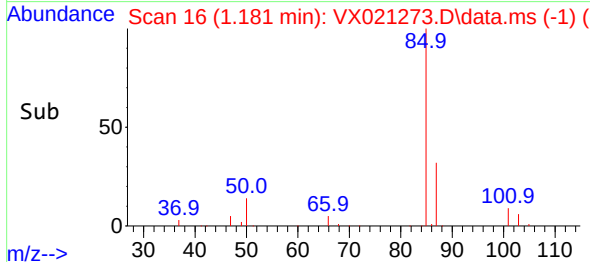
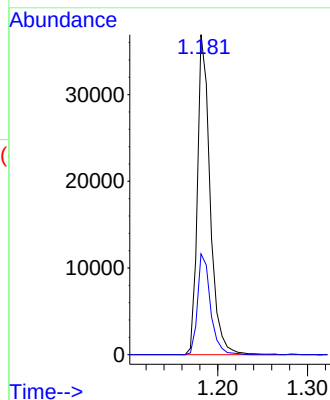
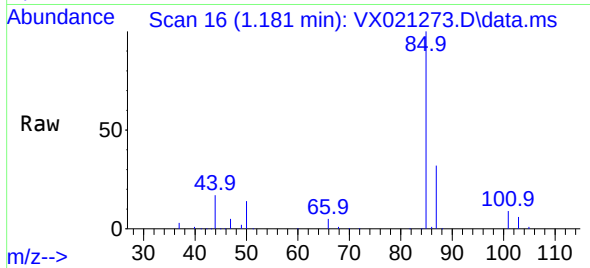




#2  
Dichlorodifluoromethane  
Concen: 5.21 ug/L  
RT: 1.181 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

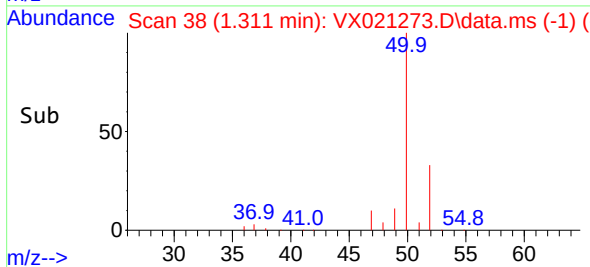
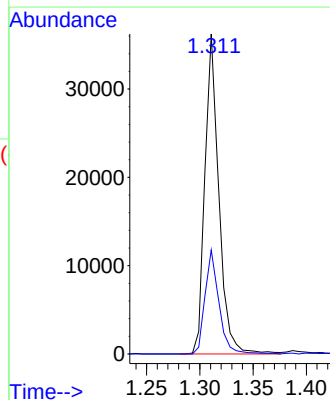
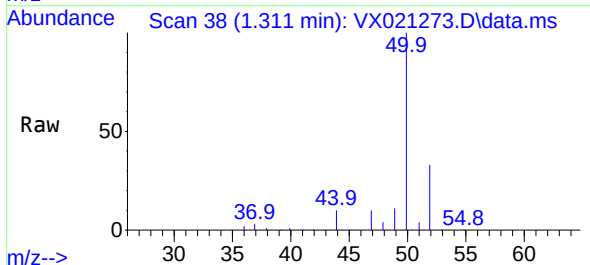
Tgt Ion: 85 Resp: 36267  
Ion Ratio Lower Upper  
85 100  
87 32.0 25.8 38.8

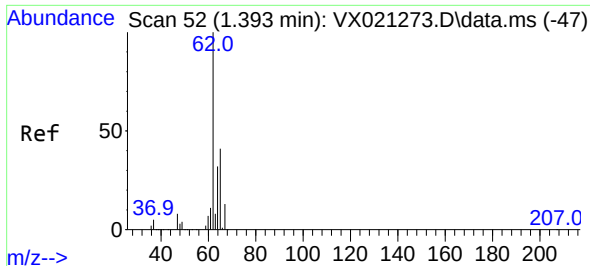
Instrument :  
MSVOA\_X  
ClientSampled :



#3  
Chloromethane  
Concen: 5.39 ug/L  
RT: 1.311 min Scan# 38  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 50 Resp: 33187  
Ion Ratio Lower Upper  
50 100  
52 32.5 23.5 43.7

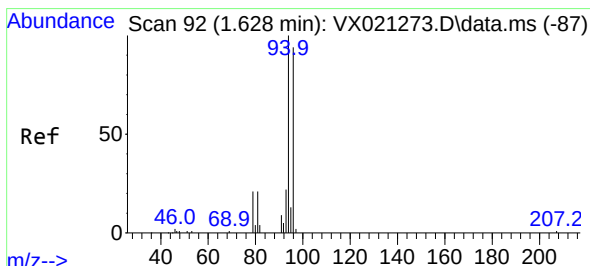
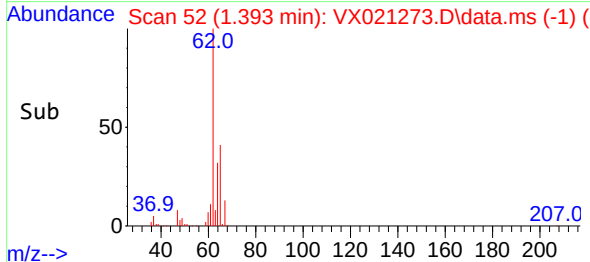
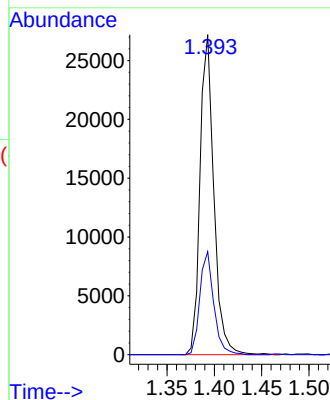
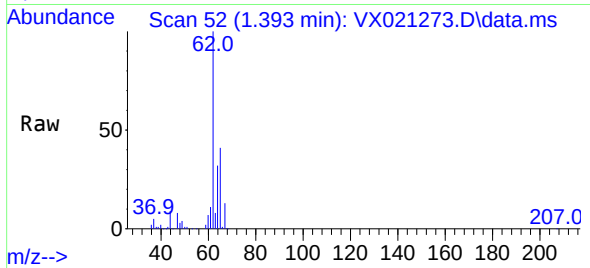




#5  
 Vinyl chloride  
 Concen: 4.37 ug/L  
 RT: 1.393 min Scan# 52  
 Delta R.T. 0.000 min  
 Lab File: VX021273.D  
 Acq: 18 Mar 2021 10:40

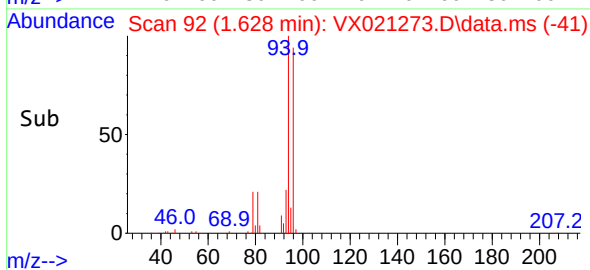
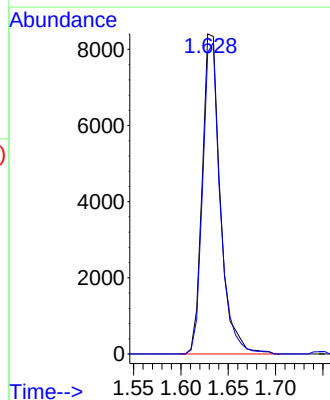
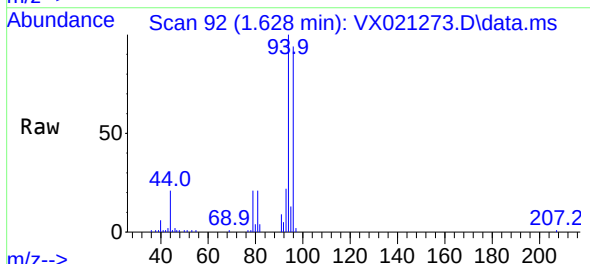
Instrument :  
 MSVOA\_X  
 ClientSampled :

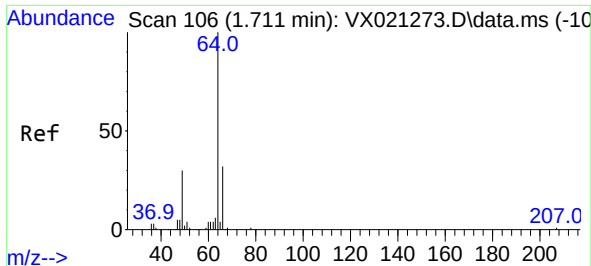
Tgt Ion: 62 Resp: 27666  
 Ion Ratio Lower Upper  
 62 100  
 64 32.2 23.2 43.2



#6  
 Bromomethane  
 Concen: 3.44 ug/L  
 RT: 1.628 min Scan# 92  
 Delta R.T. 0.000 min  
 Lab File: VX021273.D  
 Acq: 18 Mar 2021 10:40

Tgt Ion: 94 Resp: 11166  
 Ion Ratio Lower Upper  
 94 100  
 96 94.2 65.7 121.9

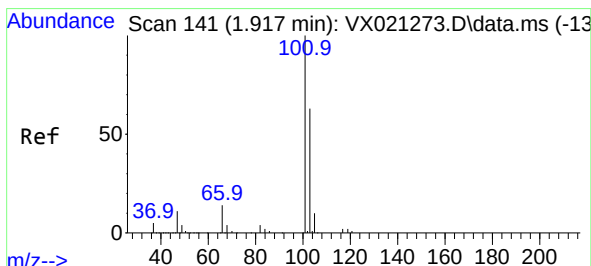
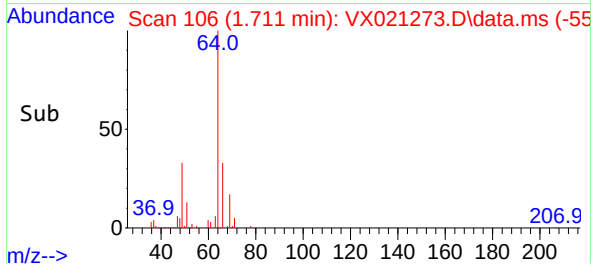
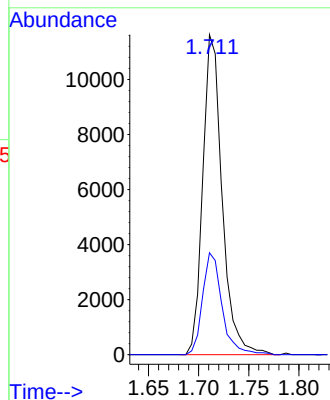
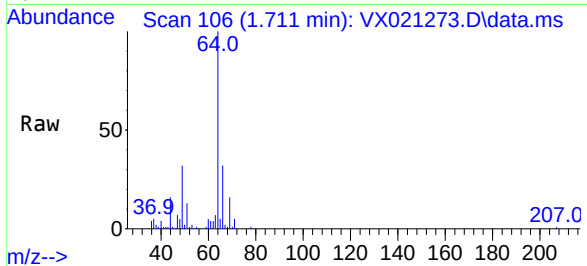




#8  
Chloroethane  
Concen: 4.20 ug/L  
RT: 1.711 min Scan# 106  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

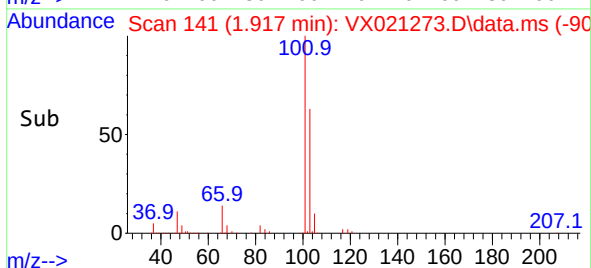
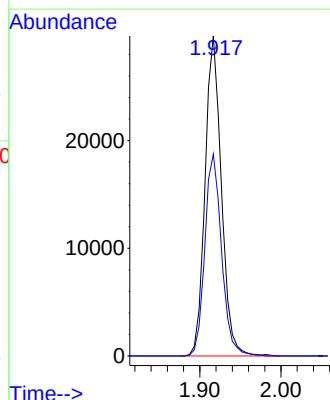
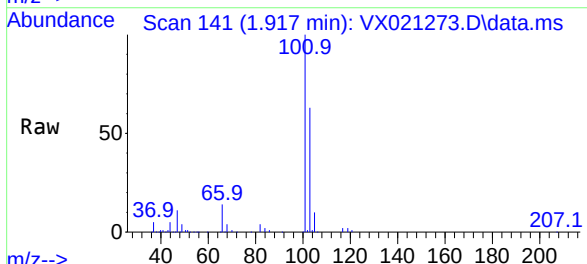
Instrument :  
MSVOA\_X  
ClientSampled :

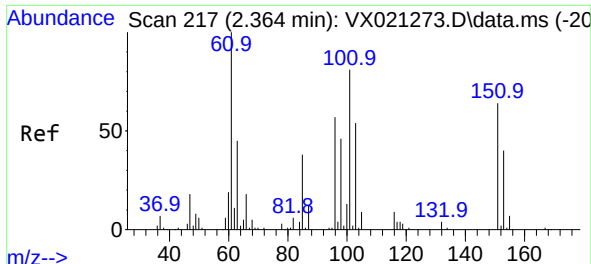
Tgt Ion: 64 Resp: 15653  
Ion Ratio Lower Upper  
64 100  
66 31.9 21.4 39.8



#9  
Trichlorofluoromethane  
Concen: 4.99 ug/L  
RT: 1.917 min Scan# 141  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:101 Resp: 41437  
Ion Ratio Lower Upper  
101 100  
103 64.7 51.0 76.6

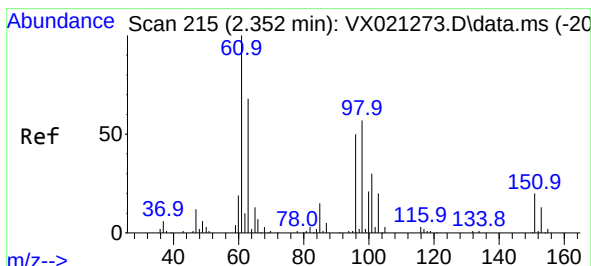
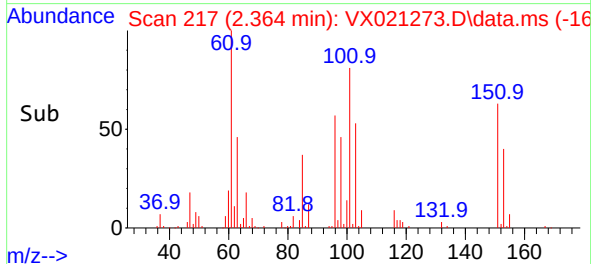
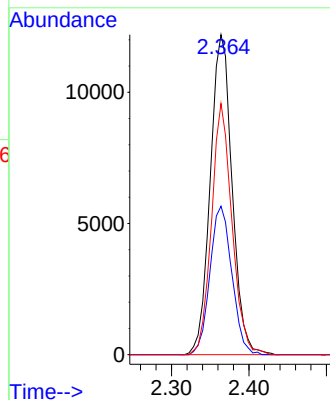
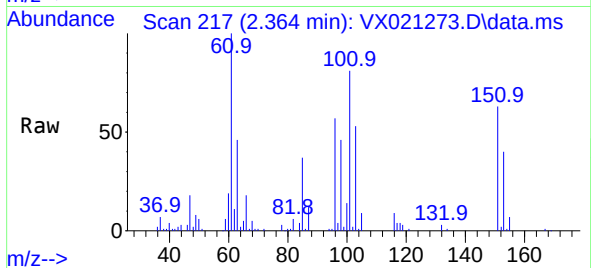




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 4.98 ug/L  
RT: 2.364 min Scan# 217  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

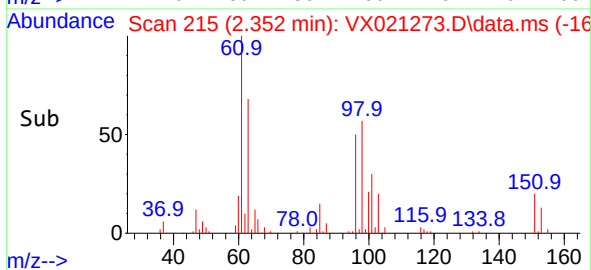
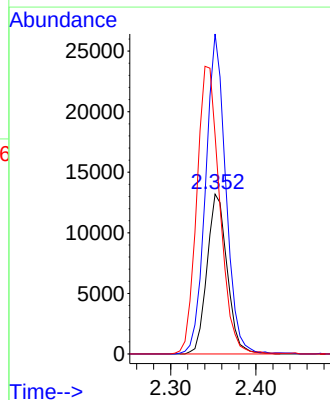
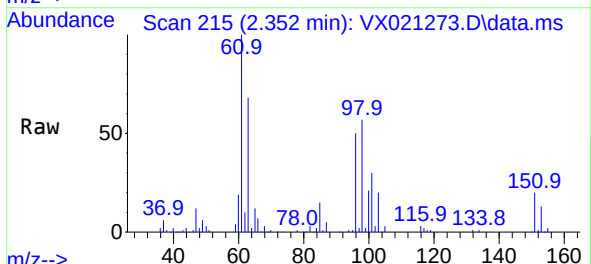
Instrument :  
MSVOA\_X  
ClientSampled :

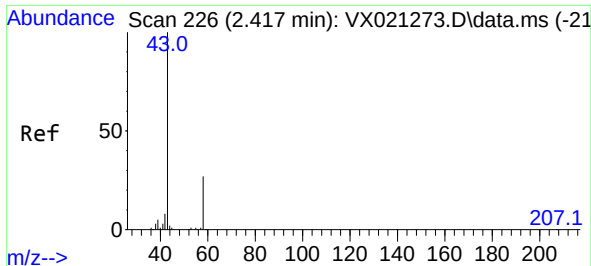
Tgt Ion:101 Resp: 23861  
Ion Ratio Lower Upper  
101 100  
85 46.6 34.9 52.3  
151 73.8 61.0 91.6



#12  
1,1-Dichloroethene  
Concen: 4.70 ug/L  
RT: 2.352 min Scan# 215  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 96 Resp: 21608  
Ion Ratio Lower Upper  
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61 200.2 118.2 219.6  
63 137.0 74.2 137.8

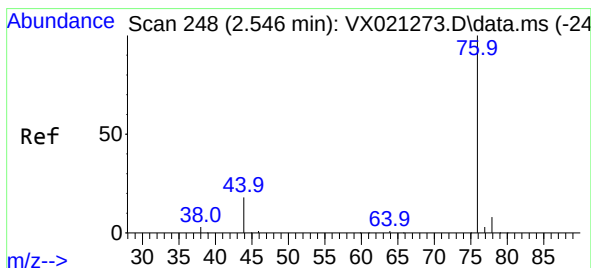
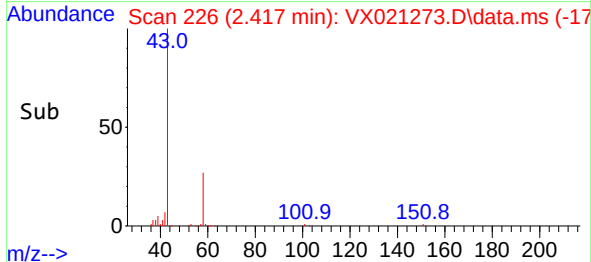
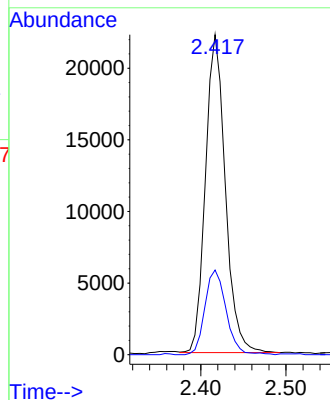
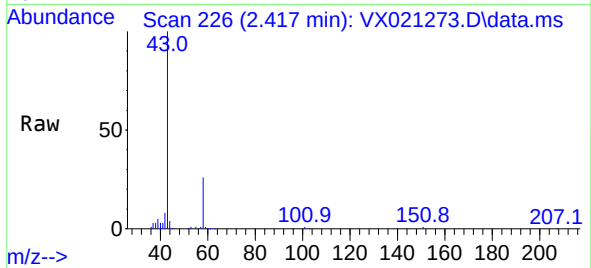




#13  
Acetone  
Concen: 55.21 ug/L  
RT: 2.417 min Scan# 226  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

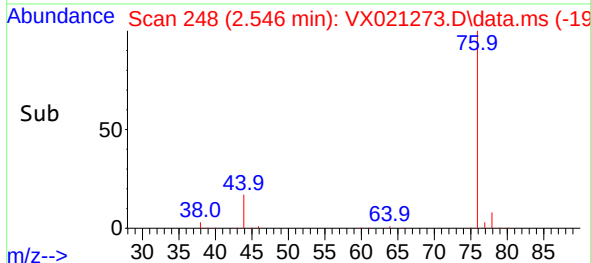
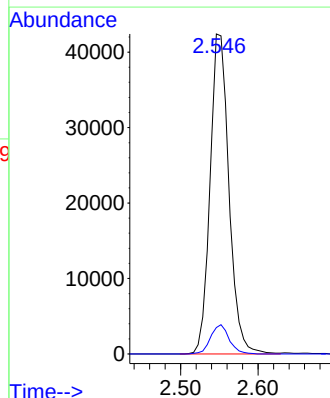
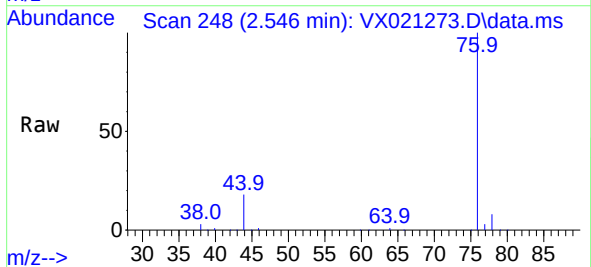
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 43 Resp: 36016  
Ion Ratio Lower Upper  
43 100  
58 28.4 0.0 70.4

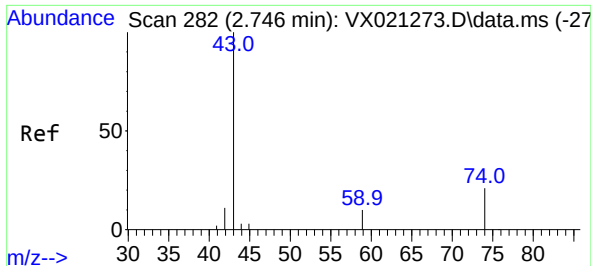


#14  
Carbon disulfide  
Concen: 4.60 ug/L  
RT: 2.546 min Scan# 248  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 76 Resp: 71900  
Ion Ratio Lower Upper  
76 100  
78 8.2 7.0 10.6



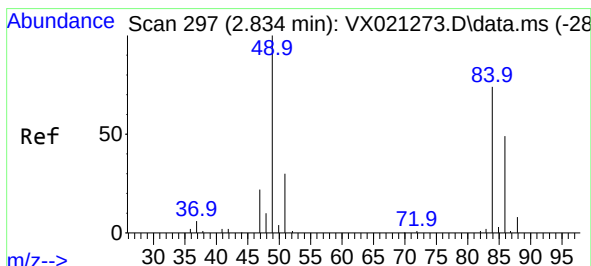
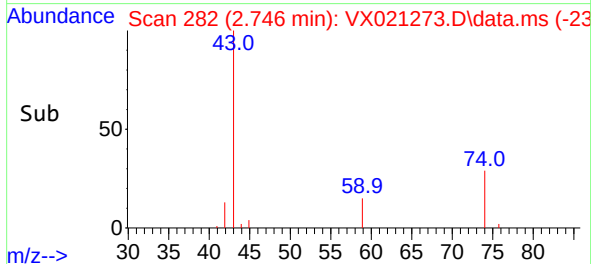
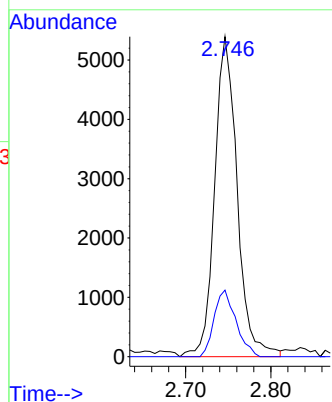
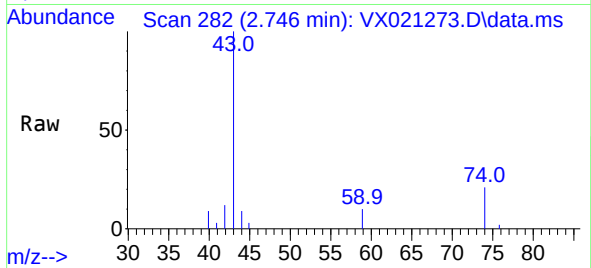




#15  
Methyl Acetate  
Concen: 5.35 ug/L  
RT: 2.746 min Scan# 282  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

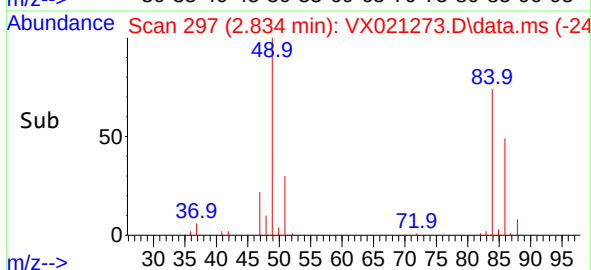
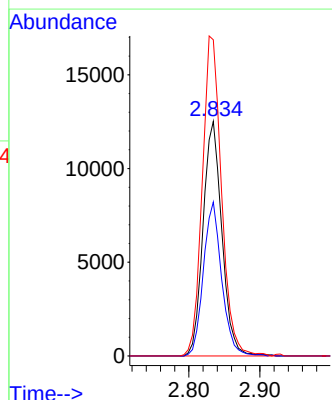
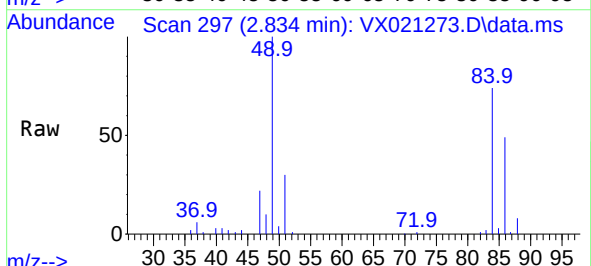
Instrument :  
MSVOA\_X  
ClientSampled :

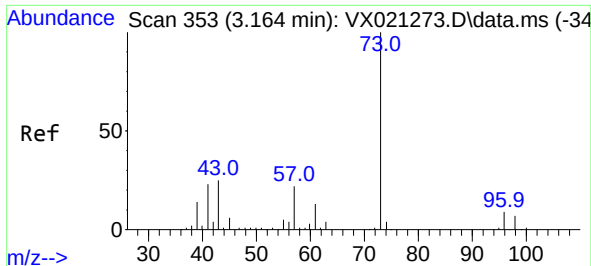
Tgt Ion: 43 Resp: 9905  
Ion Ratio Lower Upper  
43 100  
74 20.2 21.1 31.7#



#16  
Methylene chloride  
Concen: 4.05 ug/L  
RT: 2.834 min Scan# 297  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 84 Resp: 23091  
Ion Ratio Lower Upper  
84 100  
86 65.6 44.6 82.8  
49 134.7 79.5 147.6



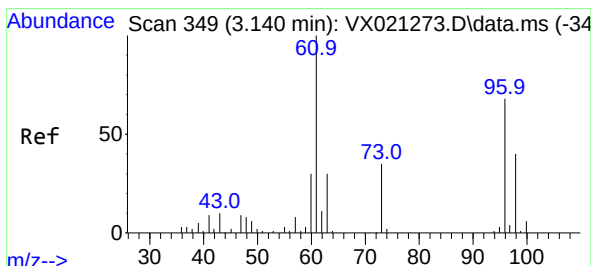
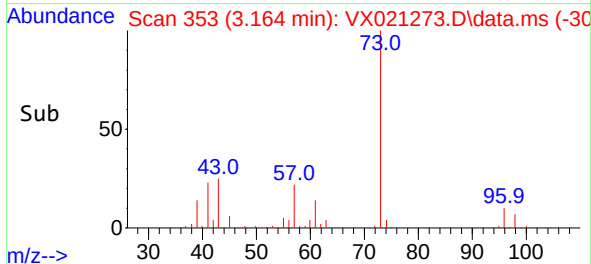
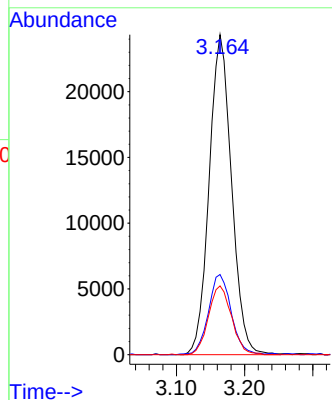
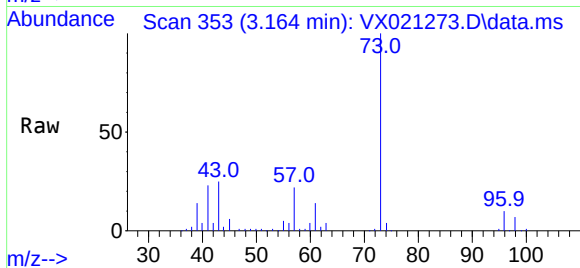


#17

Methyl tert-butyl Ether  
 Concen: 5.14 ug/L  
 RT: 3.164 min Scan# 353  
 Delta R.T. 0.000 min  
 Lab File: VX021273.D  
 Acq: 18 Mar 2021 10:40

Instrument :  
 MSVOA\_X  
 ClientSampleId :

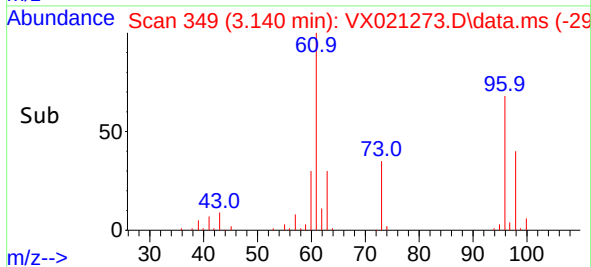
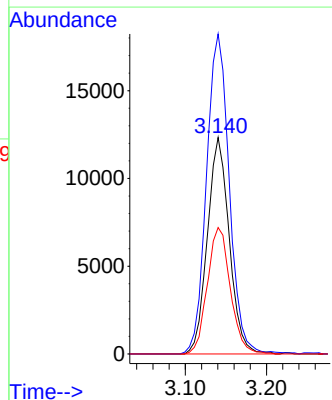
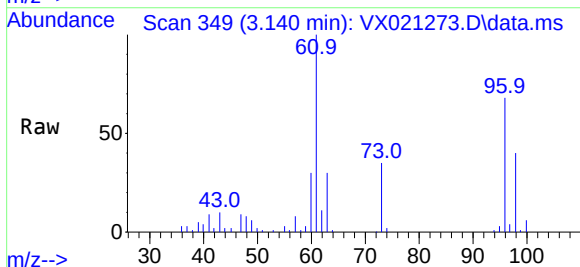
Tgt Ion: 73 Resp: 55541  
 Ion Ratio Lower Upper  
 73 100  
 43 25.6 15.1 22.7#  
 57 22.1 17.4 26.2

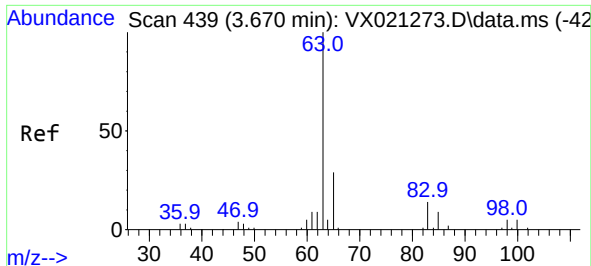


#18

trans-1,2-Dichloroethene  
 Concen: 4.52 ug/L  
 RT: 3.140 min Scan# 349  
 Delta R.T. 0.000 min  
 Lab File: VX021273.D  
 Acq: 18 Mar 2021 10:40

Tgt Ion: 96 Resp: 23070  
 Ion Ratio Lower Upper  
 96 100  
 61 147.9 95.4 177.2  
 98 58.4 44.2 82.2

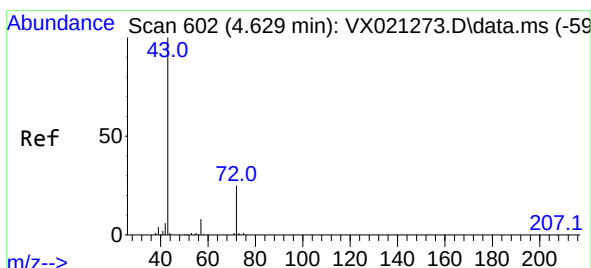
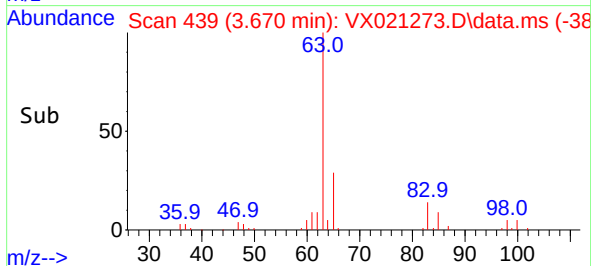
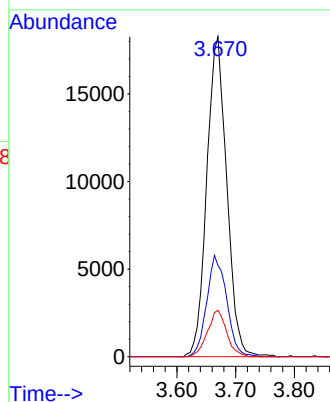
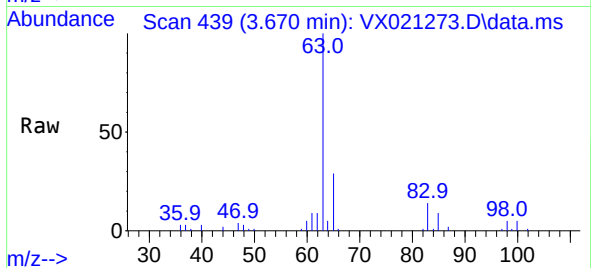




#19  
1,1-Dichloroethane  
Concen: 4.71 ug/L  
RT: 3.670 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

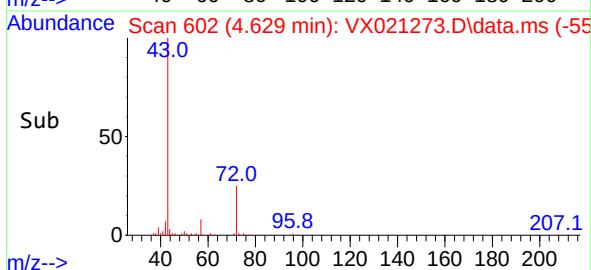
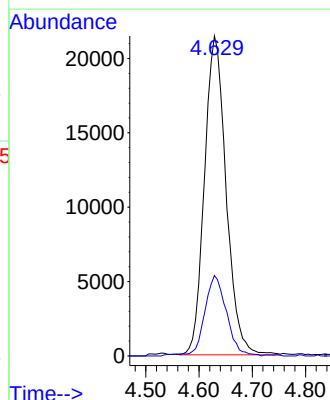
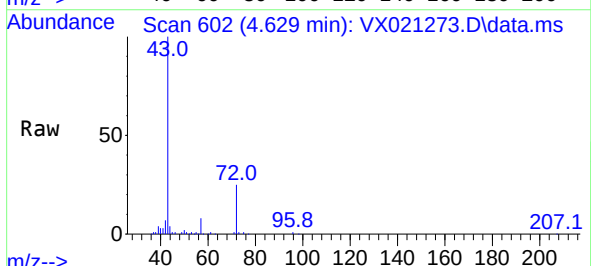
Instrument :  
MSVOA\_X  
ClientSampled :

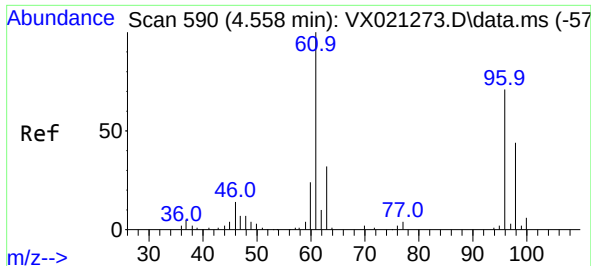
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 43156 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 28.6  | 21.8  | 40.6  |
| 83       | 14.5  | 9.6   | 17.8  |



#21  
2-Butanone  
Concen: 54.26 ug/L  
RT: 4.629 min Scan# 602  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 60563 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 72       | 25.5  | 14.8  | 44.4  |

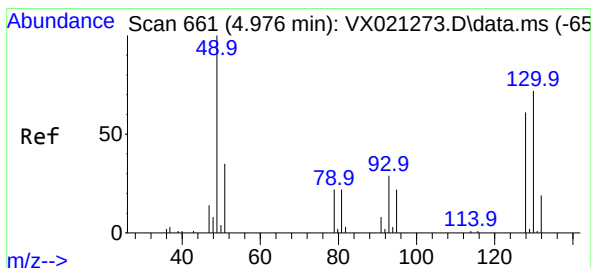
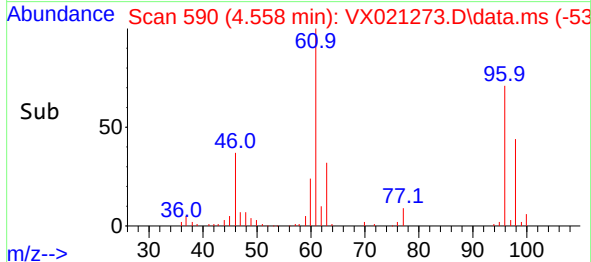
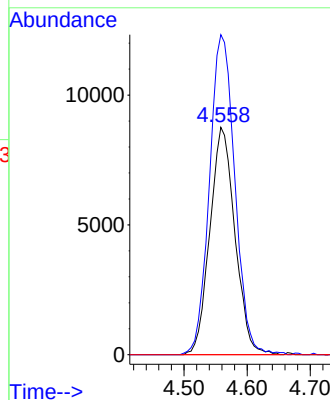
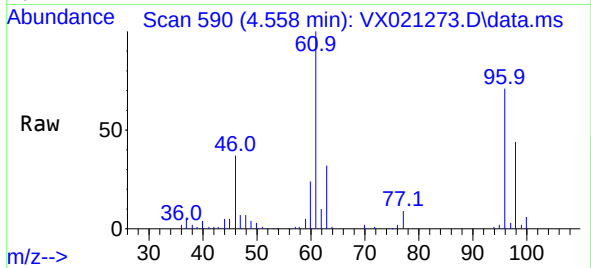




#22  
cis-1,2-Dichloroethene  
Concen: 4.54 ug/L  
RT: 4.558 min Scan# 590  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

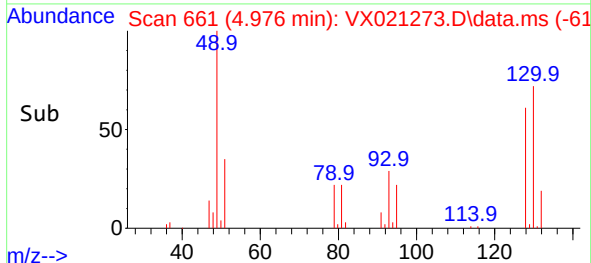
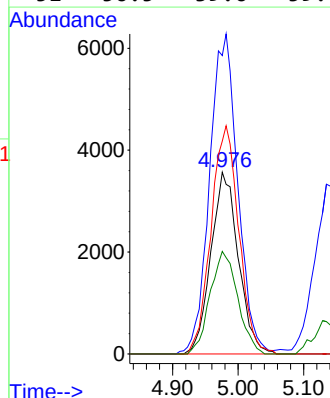
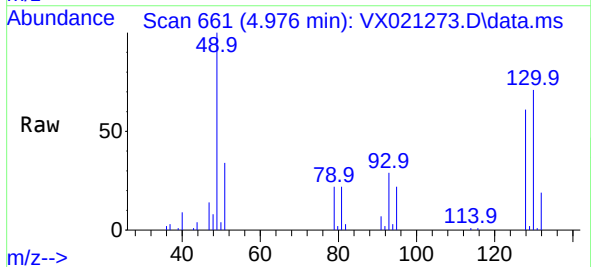
Instrument :  
MSVOA\_X  
ClientSampled :

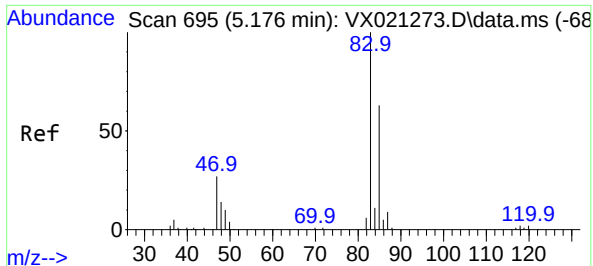
Tgt Ion: 96 Resp: 24170  
Ion Ratio Lower Upper  
96 100  
61 140.7 85.9 159.5  
68 0.0 0.0 0.0



#23  
Bromochloromethane  
Concen: 4.40 ug/L  
RT: 4.976 min Scan# 661  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 128 Resp: 10370  
Ion Ratio Lower Upper  
128 100  
49 164.2 103.2 191.6  
130 117.1 89.1 165.5  
51 56.5 39.6 59.4



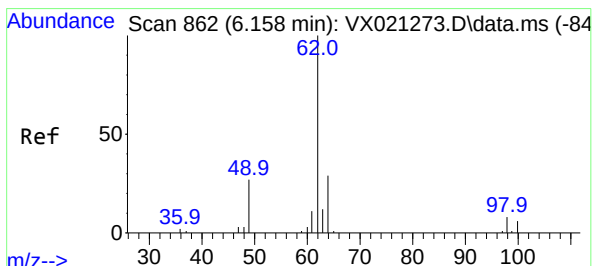
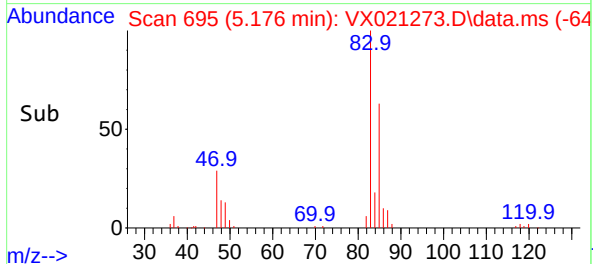
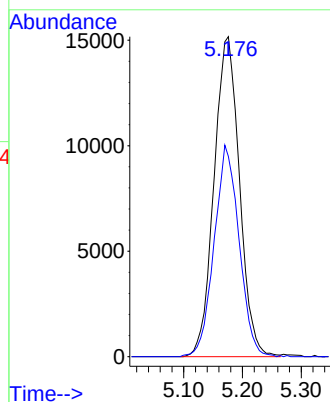
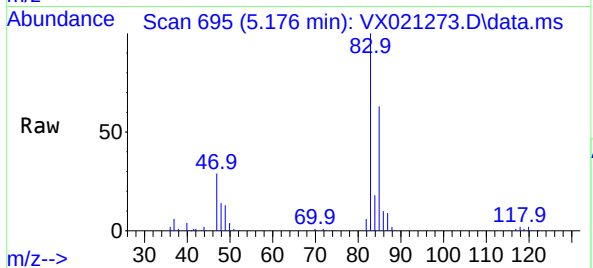


#25

Chloroform  
Concen: 4.72 ug/L  
RT: 5.176 min Scan# 695  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Instrument :  
MSVOA\_X  
ClientSampled :

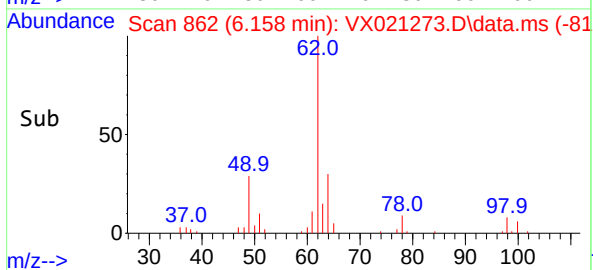
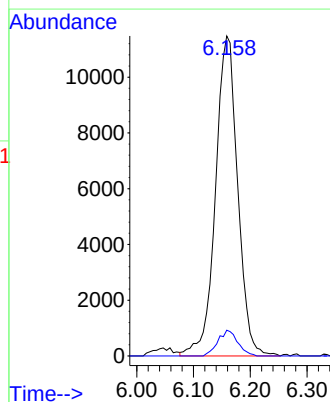
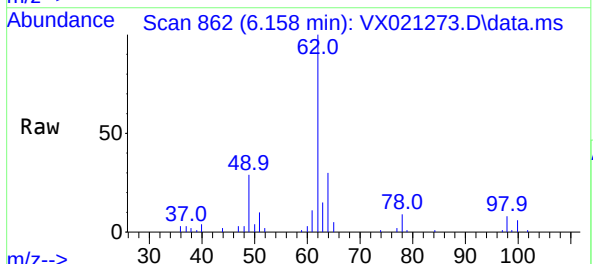
Tgt Ion: 83 Resp: 45579  
Ion Ratio Lower Upper  
83 100  
85 62.6 45.6 84.8

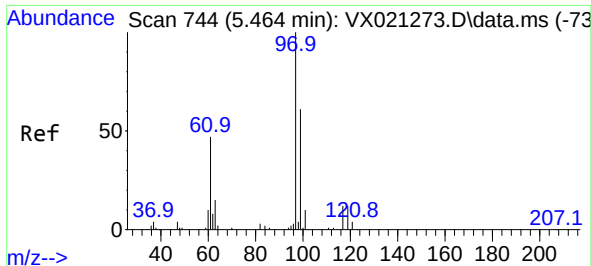


#27

1,2-Dichloroethane  
Concen: 5.46 ug/L  
RT: 6.158 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 62 Resp: 31196  
Ion Ratio Lower Upper  
62 100  
98 8.0 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.38 ug/L

RT: 5.464 min Scan# 744

Delta R.T. 0.000 min

Lab File: VX021273.D

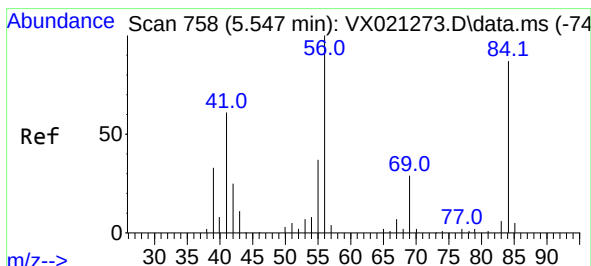
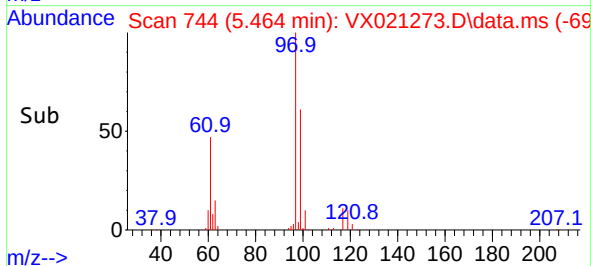
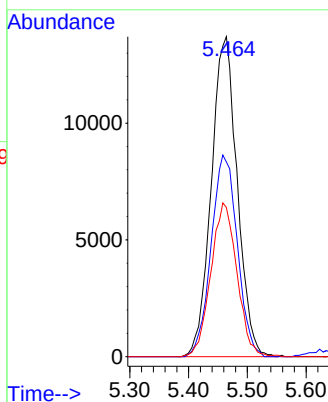
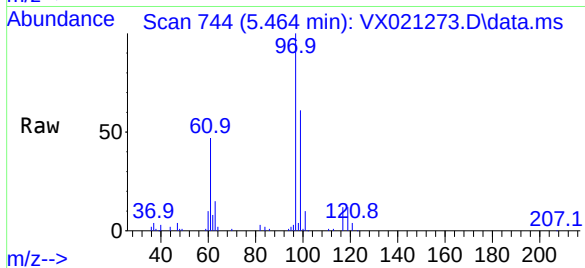
Acq: 18 Mar 2021 10:40

Instrument :

MSVOA\_X

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 42030 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.6  | 51.2  | 76.8  |
| 61       | 48.4  | 35.3  | 52.9  |



#30

Cyclohexane

Concen: 5.57 ug/L

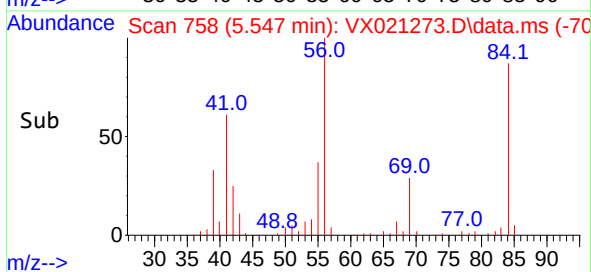
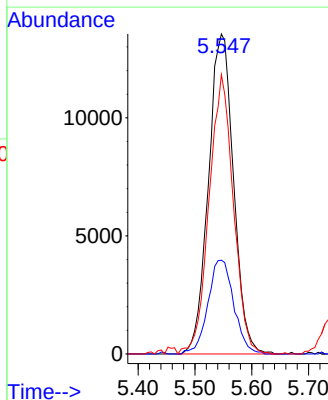
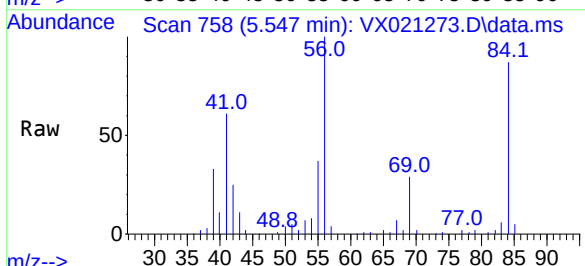
RT: 5.547 min Scan# 758

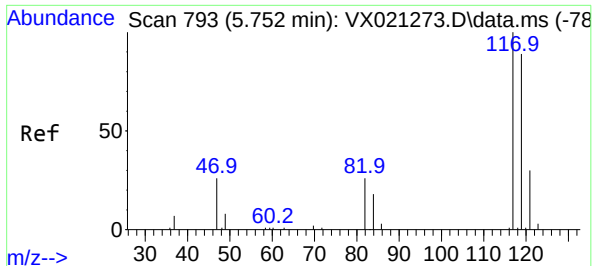
Delta R.T. 0.000 min

Lab File: VX021273.D

Acq: 18 Mar 2021 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 41557 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 30.3  | 25.8  | 38.6  |
| 84       | 84.3  | 72.4  | 108.6 |

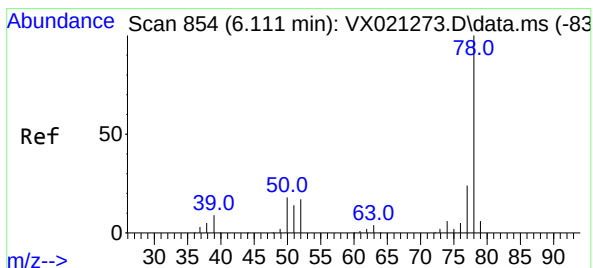
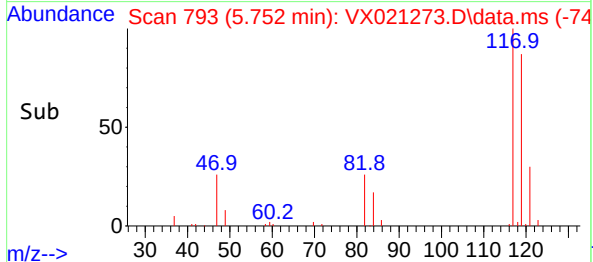
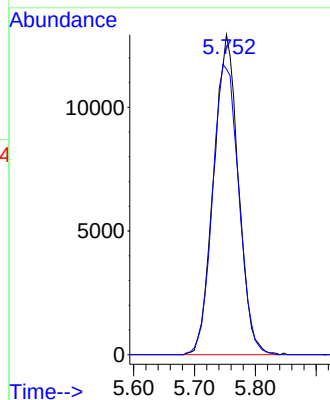
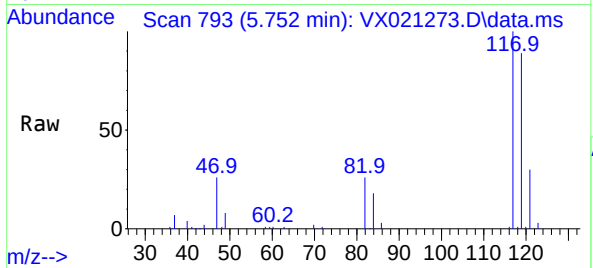




#31  
Carbon tetrachloride  
Concen: 5.44 ug/L  
RT: 5.752 min Scan# 793  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

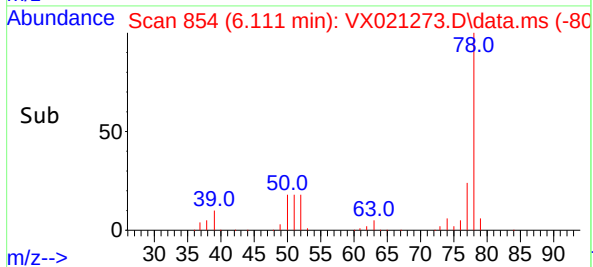
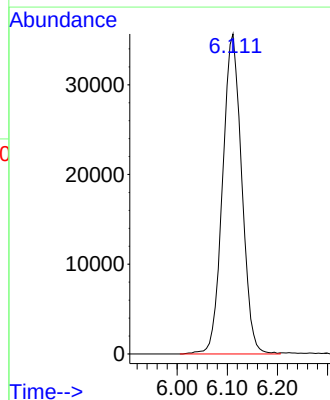
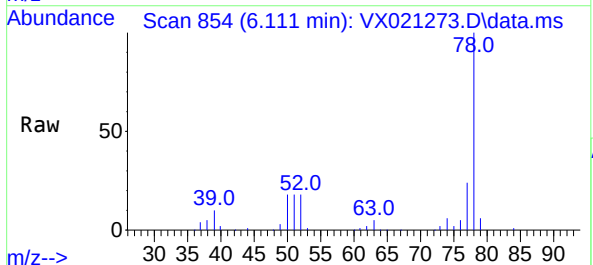
Instrument :  
MSVOA\_X  
ClientSampled :

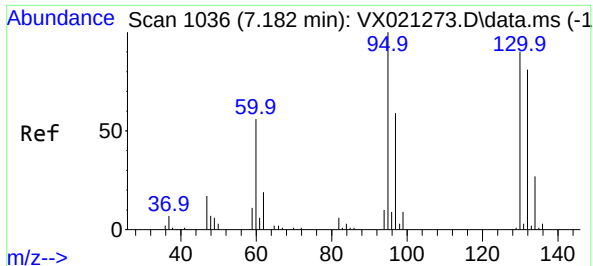
Tgt Ion:117 Resp: 36544  
Ion Ratio Lower Upper  
117 100  
119 96.3 76.2 114.4



#33  
Benzene  
Concen: 4.87 ug/L  
RT: 6.111 min Scan# 854  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 78 Resp: 94510

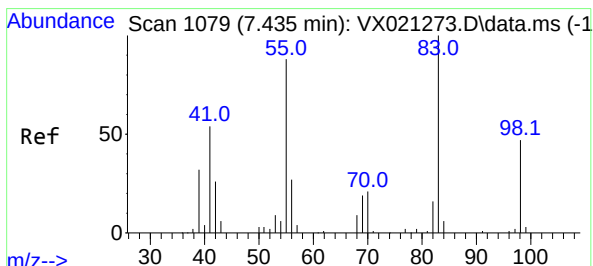
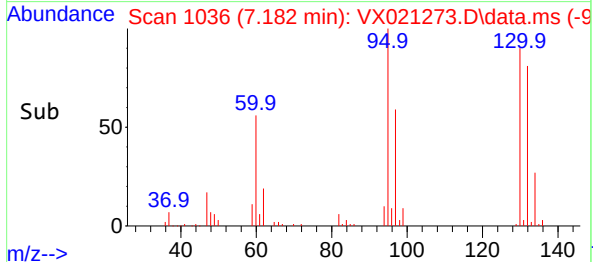
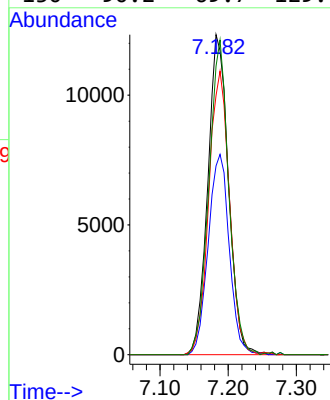
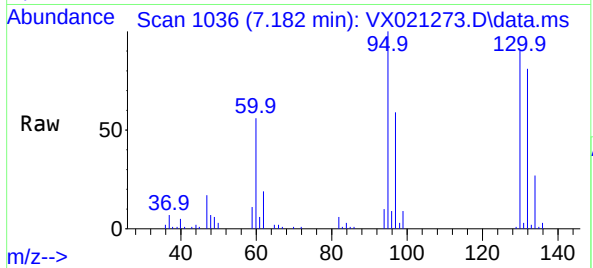




#34  
Trichloroethene  
Concen: 5.07 ug/L  
RT: 7.182 min Scan# 1036  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

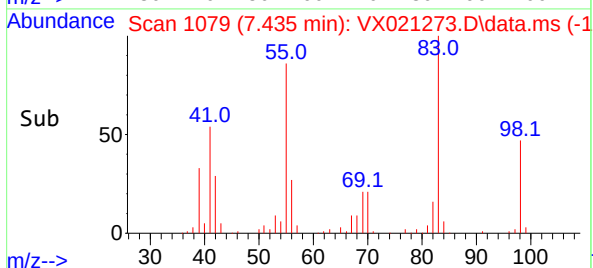
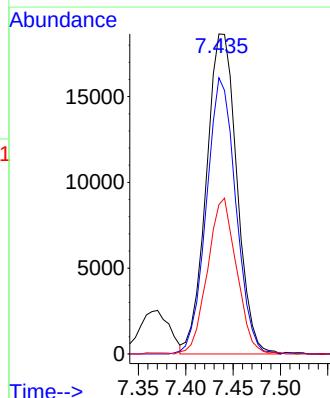
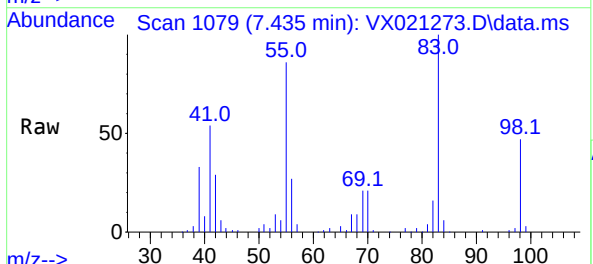
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion: 95 Resp: 26111  
Ion Ratio Lower Upper  
95 100  
97 59.0 46.0 85.4  
132 81.0 69.0 128.1  
130 90.2 69.7 129.4

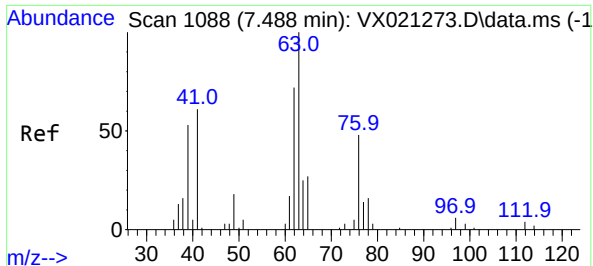


#35  
Methylcyclohexane  
Concen: 5.36 ug/L  
RT: 7.435 min Scan# 1079  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 83 Resp: 41866  
Ion Ratio Lower Upper  
83 100  
55 83.1 63.4 95.0  
98 46.2 39.2 58.8



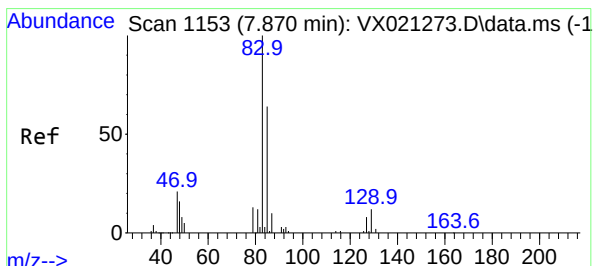
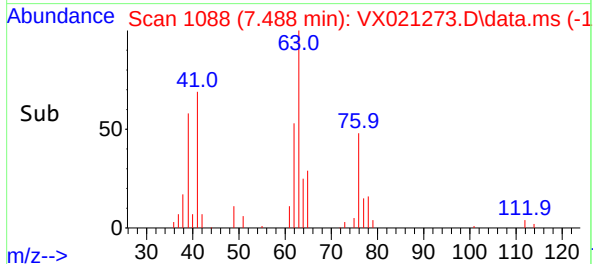
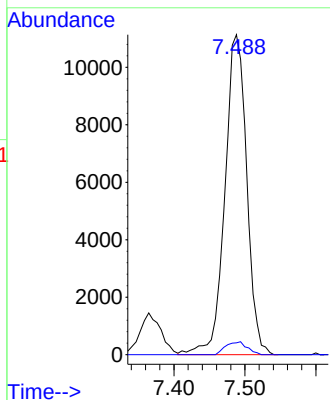
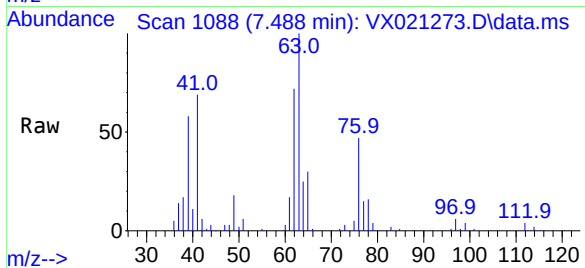




#37  
1,2-Dichloropropane  
Concen: 4.90 ug/L  
RT: 7.488 min Scan# 1088  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

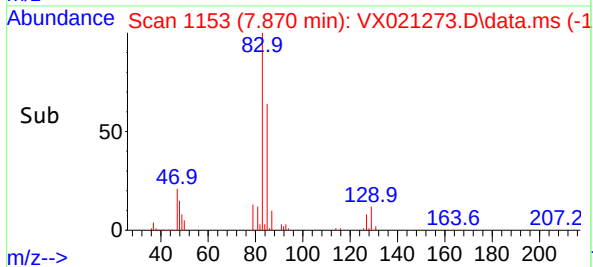
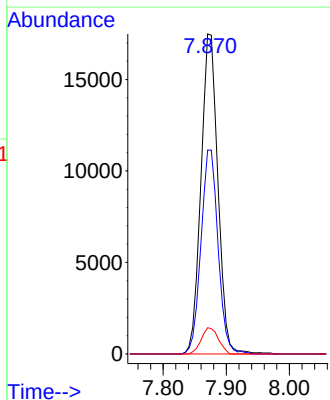
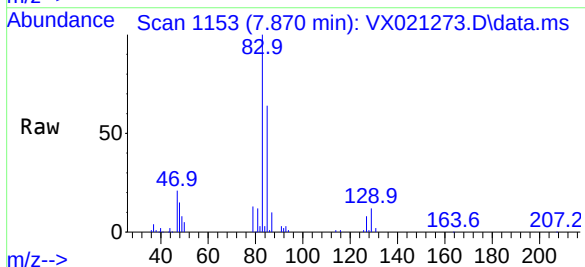
Instrument :  
MSVOA\_X  
ClientSampled :

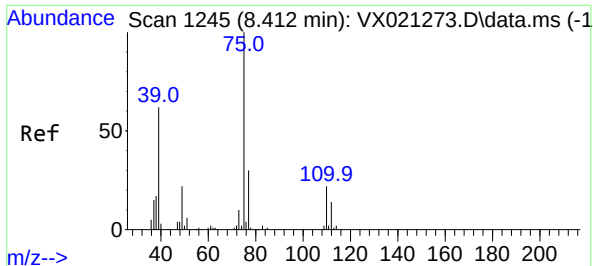
Tgt Ion: 63 Resp: 23733  
Ion Ratio Lower Upper  
63 100  
112 4.0 3.9 5.9



#38  
Bromodichloromethane  
Concen: 5.37 ug/L  
RT: 7.870 min Scan# 1153  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 83 Resp: 32606  
Ion Ratio Lower Upper  
83 100  
85 63.7 44.6 82.8  
127 8.2 7.0 10.4

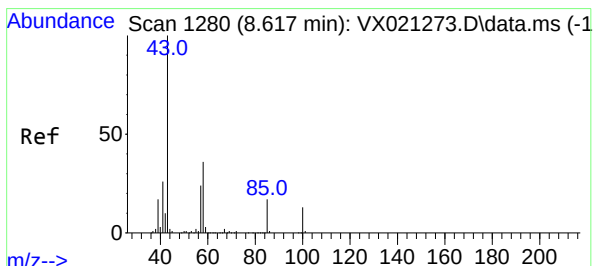
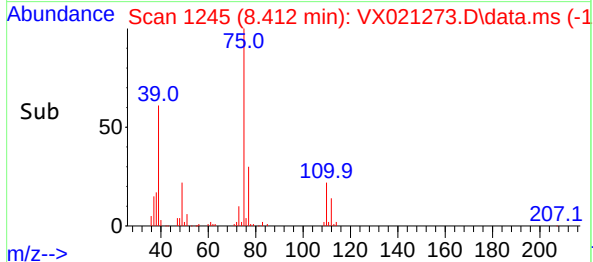
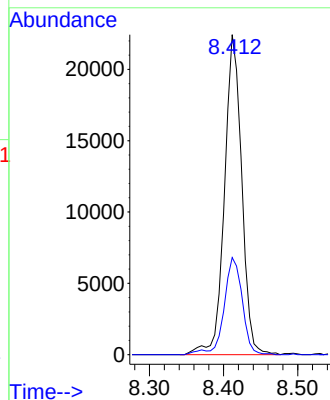
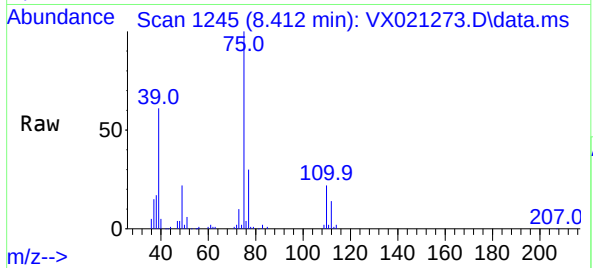




#39  
cis-1,3-Dichloropropene  
Concen: 5.38 ug/L  
RT: 8.412 min Scan# 1245  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

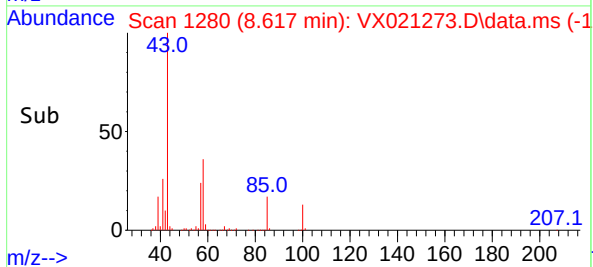
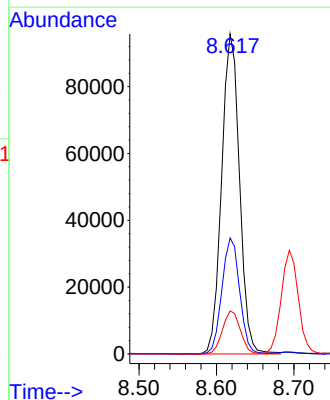
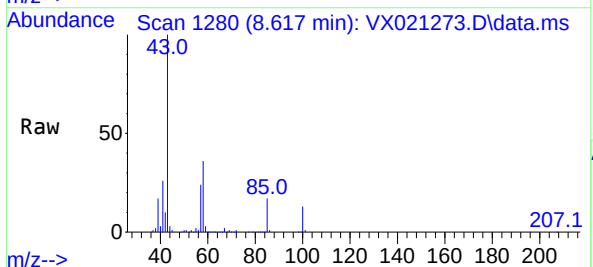
Instrument :  
MSVOA\_X  
ClientSampled :

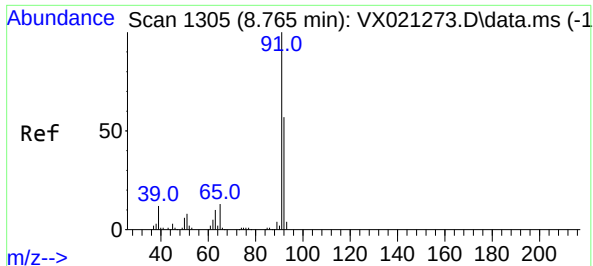
Tgt Ion: 75 Resp: 36353  
Ion Ratio Lower Upper  
75 100  
77 30.4 21.6 40.0



#40  
4-Methyl-2-pentanone  
Concen: 61.65 ug/L  
RT: 8.617 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 43 Resp: 154064  
Ion Ratio Lower Upper  
43 100  
58 35.9 35.0 52.4  
100 13.5 14.3 21.5#





#42

Toluene

Concen: 4.97 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX021273.D

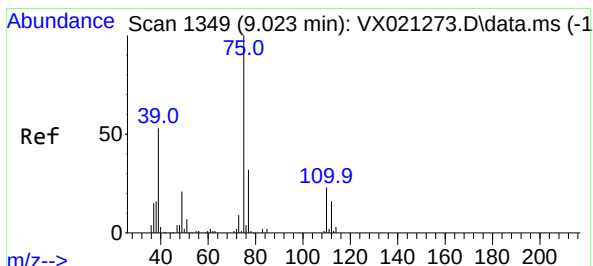
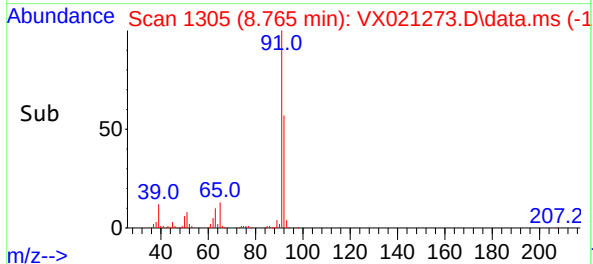
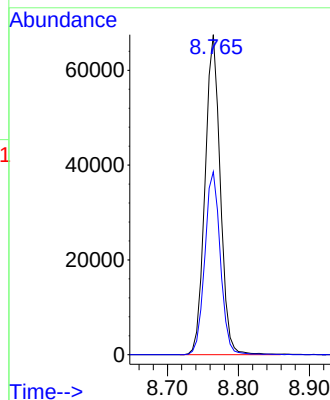
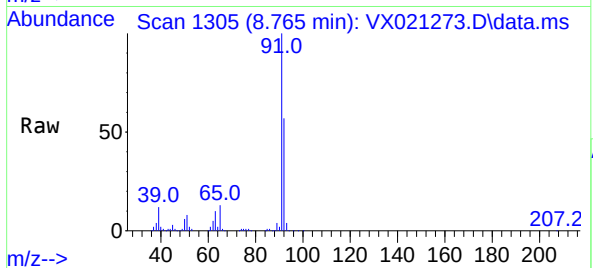
Acq: 18 Mar 2021 10:40

Tgt Ion: 91 Resp: 100829

Ion Ratio Lower Upper

91 100

92 57.1 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.48 ug/L

RT: 9.023 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX021273.D

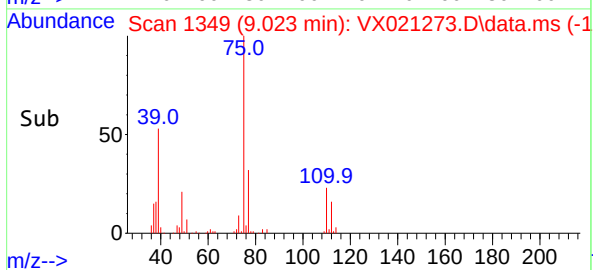
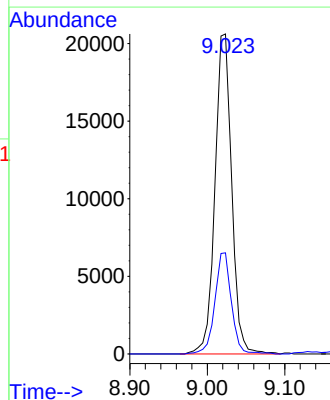
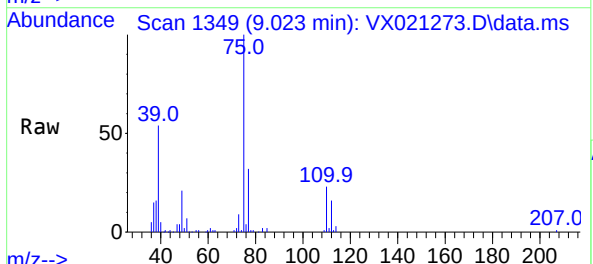
Acq: 18 Mar 2021 10:40

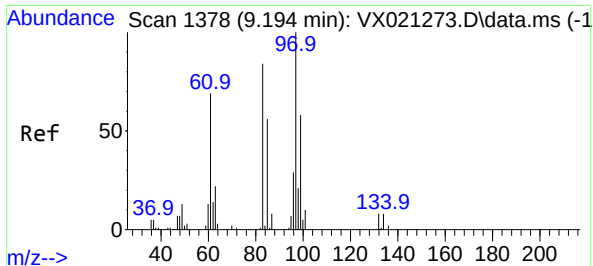
Tgt Ion: 75 Resp: 30961

Ion Ratio Lower Upper

75 100

77 31.6 21.7 40.3



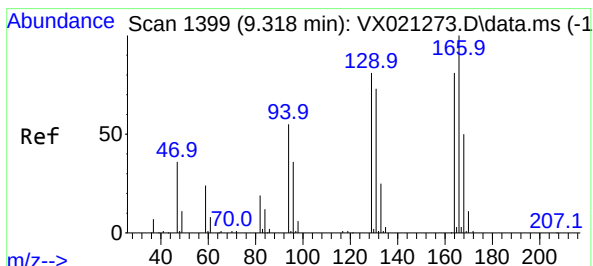
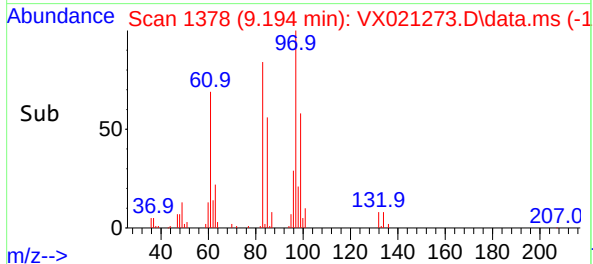
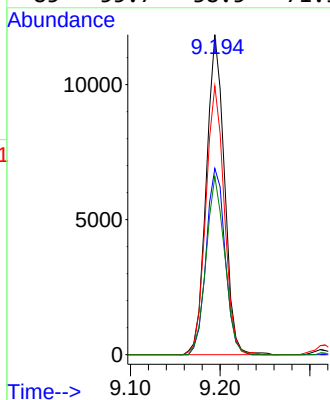
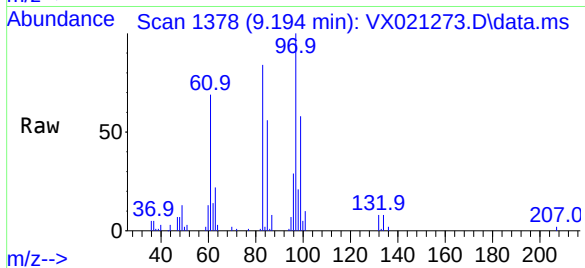


#45

1,1,2-Trichloroethane  
Concen: 4.86 ug/L  
RT: 9.194 min Scan# 1378  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Instrument :  
MSVOA\_X  
ClientSampled :

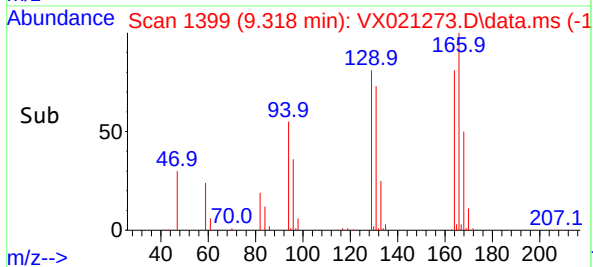
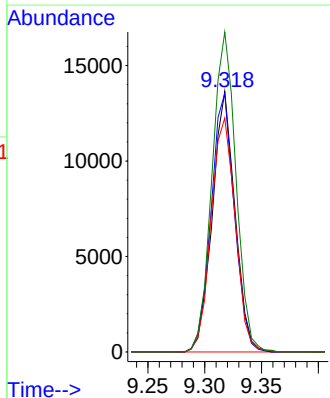
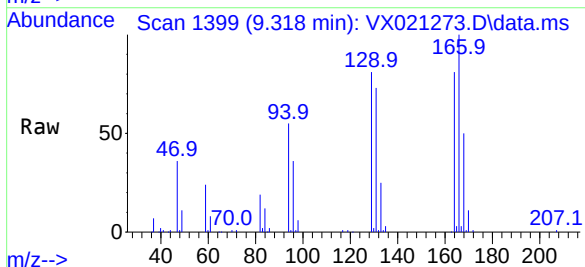
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16602 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 58.2  | 43.4  | 80.6  |
| 83       | 84.0  | 58.6  | 108.8 |
| 85       | 55.7  | 38.5  | 71.5  |

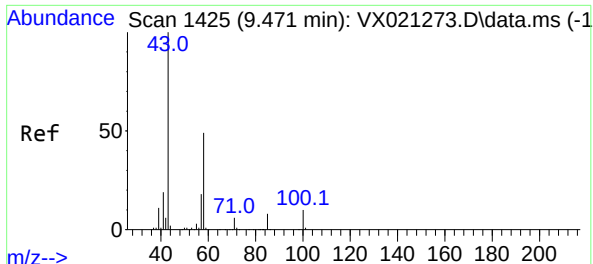


#47

Tetrachloroethene  
Concen: 4.67 ug/L  
RT: 9.318 min Scan# 1399  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 18933 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 99.2  | 64.5  | 119.7 |
| 131      | 89.8  | 63.8  | 118.6 |
| 166      | 122.8 | 85.8  | 159.4 |

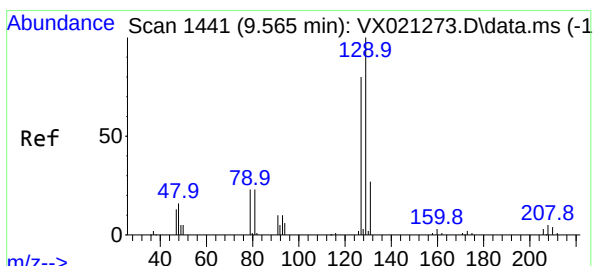
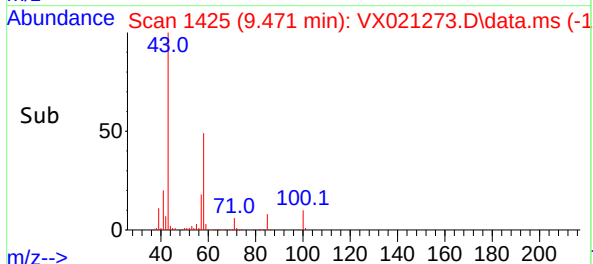
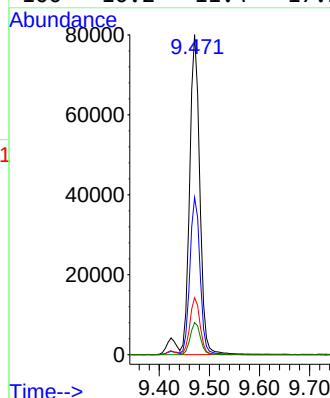
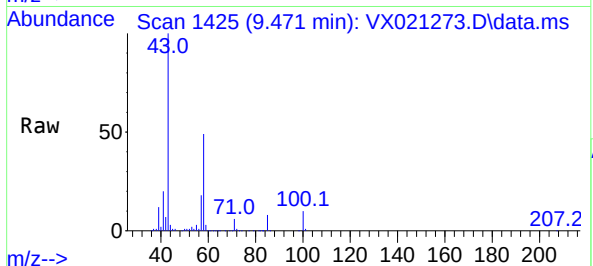




#48  
2-Hexanone  
Concen: 64.86 ug/L  
RT: 9.471 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

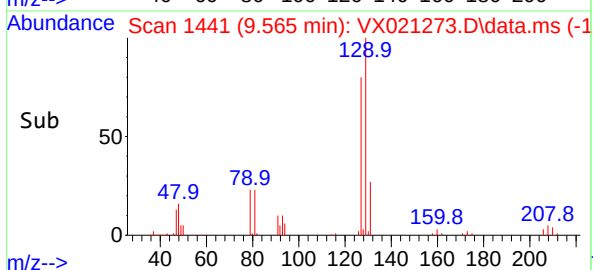
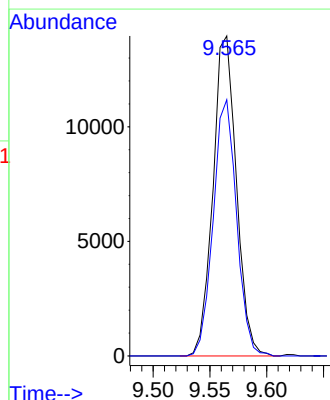
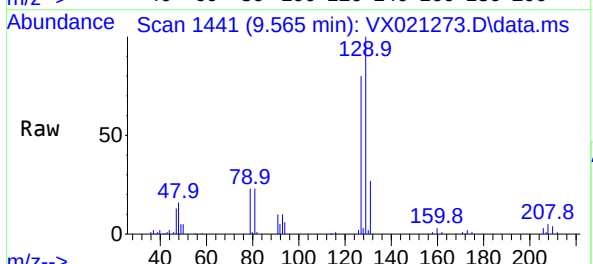
Instrument :  
MSVOA\_X  
ClientSampled :

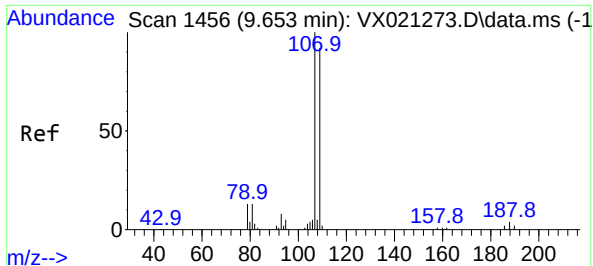
Tgt Ion: 43 Resp: 112001  
Ion Ratio Lower Upper  
43 100  
58 49.8 48.8 73.2  
57 18.1 16.6 25.0  
100 10.2 11.4 17.2#



#49  
Dibromochloromethane  
Concen: 5.35 ug/L  
RT: 9.565 min Scan# 1441  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 129 Resp: 20087  
Ion Ratio Lower Upper  
129 100  
127 80.0 53.0 98.4



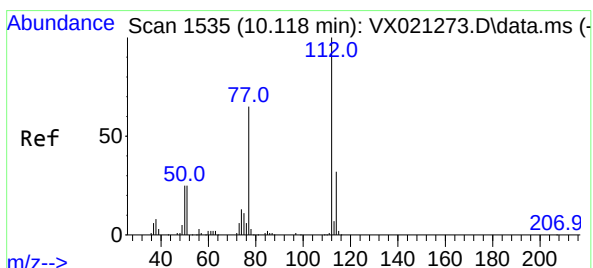
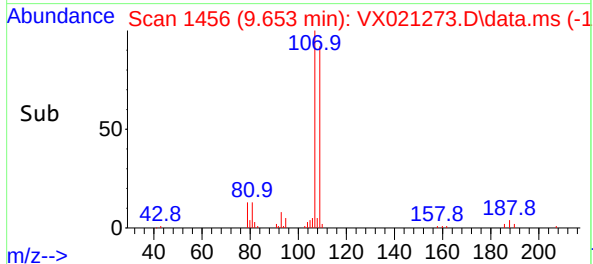
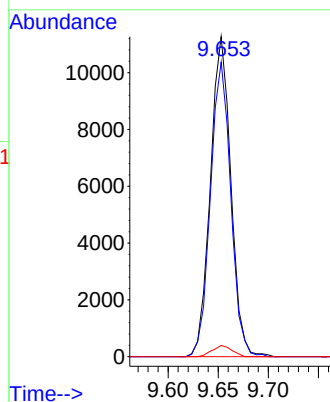
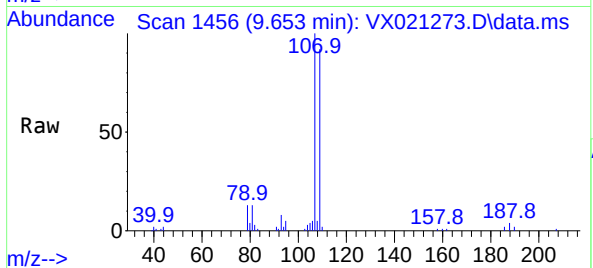


#50  
1,2-Dibromoethane  
Concen: 5.19 ug/L  
RT: 9.653 min Scan# 1456  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:107 Resp: 15982

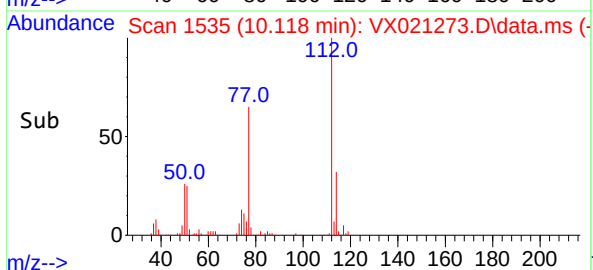
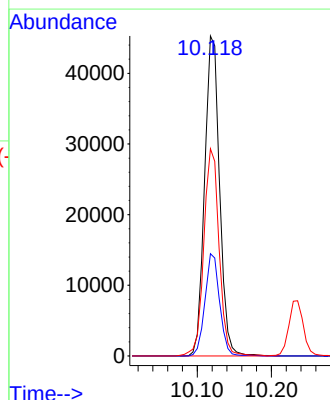
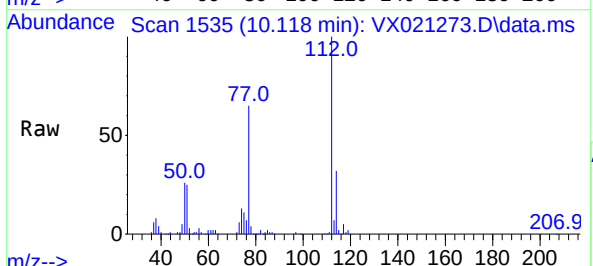
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 92.0  | 65.0  | 120.8 |
| 188 | 3.5   | 3.4   | 5.0   |

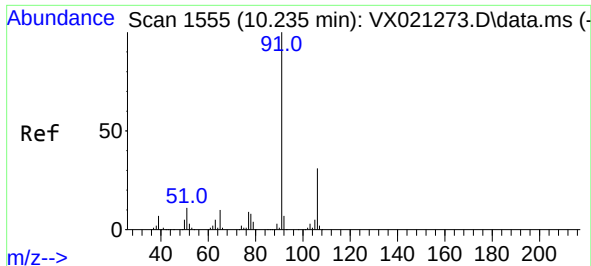


#51  
Chlorobenzene  
Concen: 4.95 ug/L  
RT: 10.118 min Scan# 1535  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:112 Resp: 63586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 114 | 32.0  | 22.1  | 41.1  |
| 77  | 64.8  | 47.0  | 70.6  |

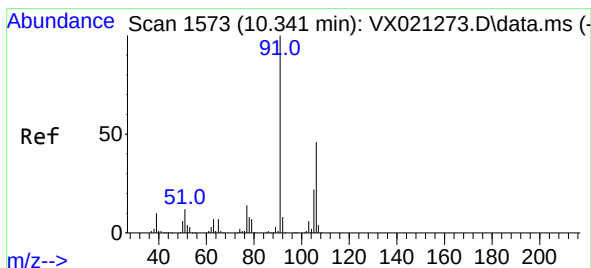
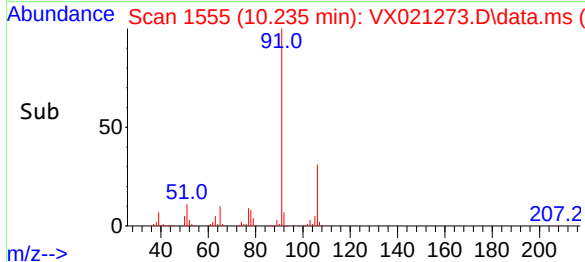
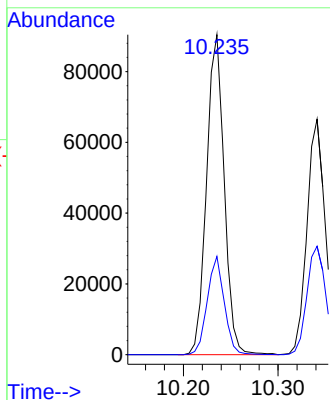
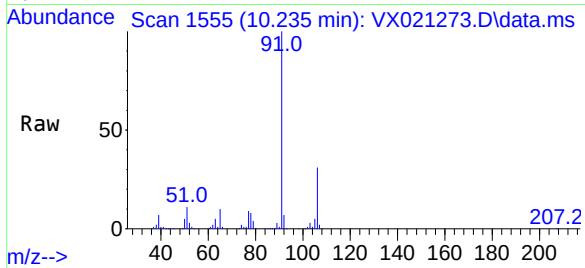




#52  
Ethylbenzene  
Concen: 5.40 ug/L  
RT: 10.235 min Scan# 1555  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

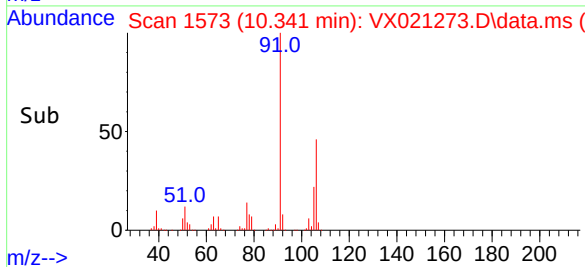
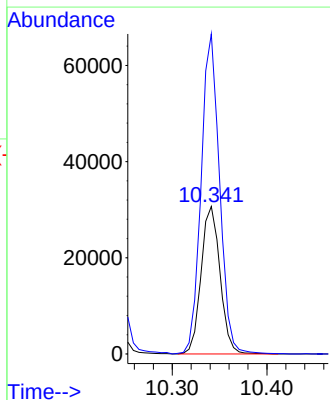
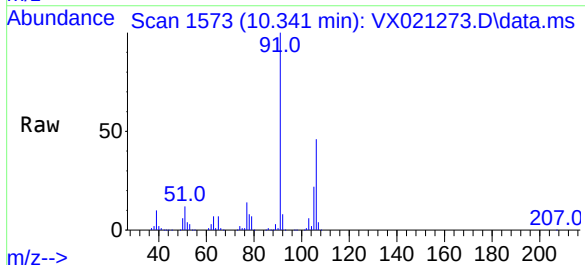
Instrument :  
MSVOA\_X  
ClientSampled :

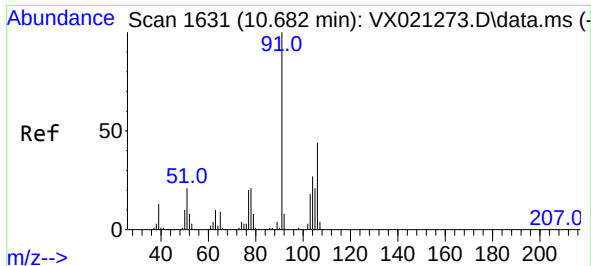
Tgt Ion: 91 Resp: 117072  
Ion Ratio Lower Upper  
91 100  
106 30.7 21.6 40.0



#53  
m,p-xylene  
Concen: 5.25 ug/L  
RT: 10.341 min Scan# 1573  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:106 Resp: 42642  
Ion Ratio Lower Upper  
106 100  
91 217.0 137.4 255.2

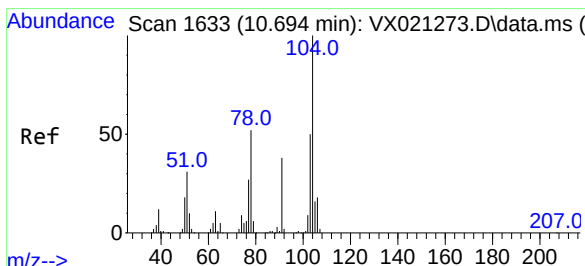
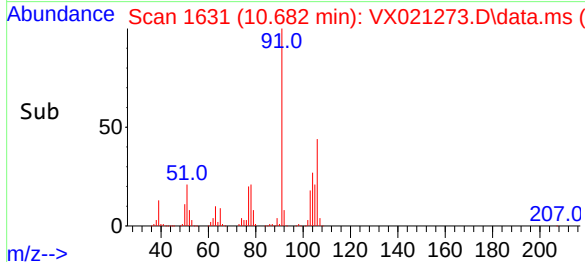
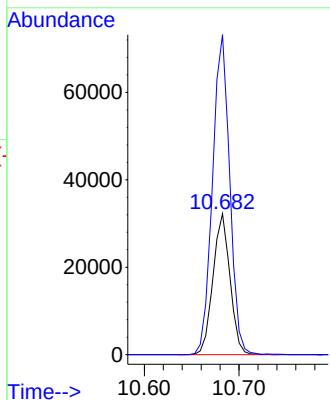
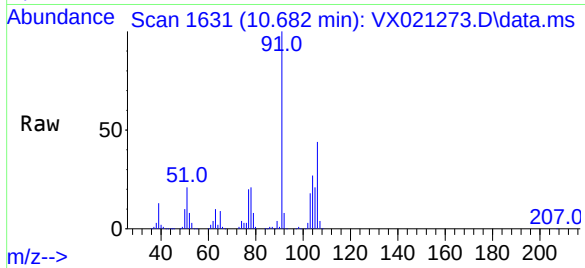




#54  
o-xylene  
Concen: 5.19 ug/L  
RT: 10.682 min Scan# 1631  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

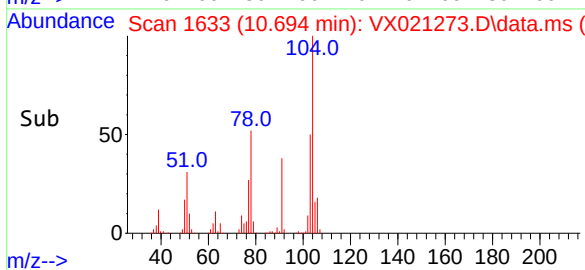
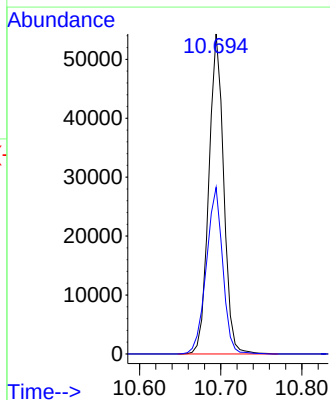
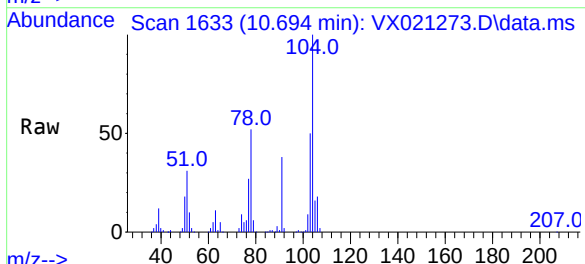
Instrument :  
MSVOA\_X  
ClientSampled :

Tgt Ion:106 Resp: 40307  
Ion Ratio Lower Upper  
106 100  
91 227.1 151.1 280.7

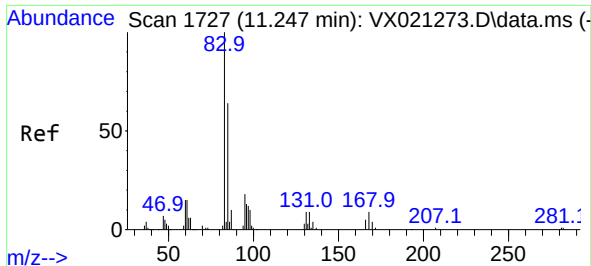


#55  
Styrene  
Concen: 5.31 ug/L  
RT: 10.694 min Scan# 1633  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:104 Resp: 69022  
Ion Ratio Lower Upper  
104 100  
78 52.1 30.3 56.3





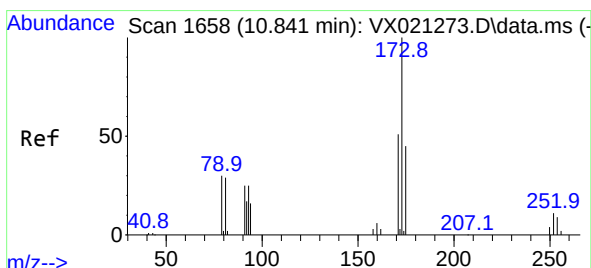
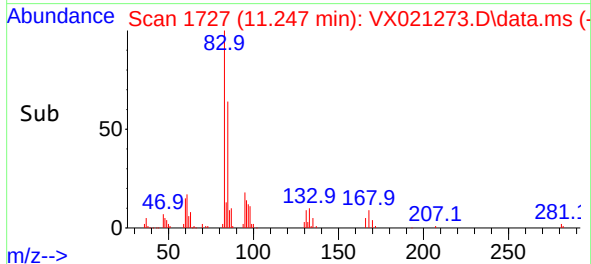
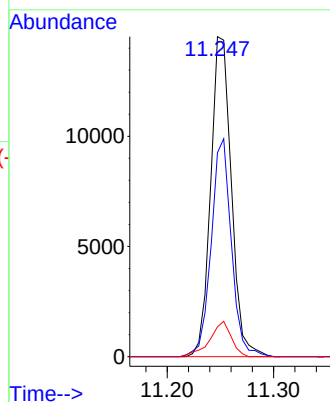
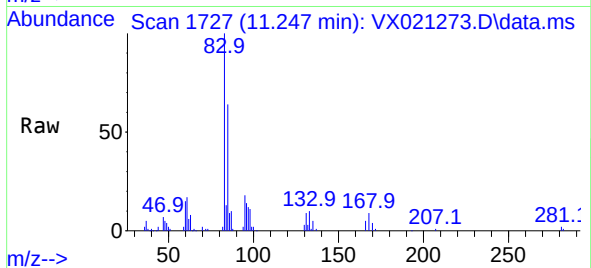


#57  
1,1,2,2-Tetrachloroethane  
Concen: 5.09 ug/L  
RT: 11.247 min Scan# 1727  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Instrument :  
MSVOA\_X  
ClientSampleId :

Tgt Ion: 83 Resp: 19577

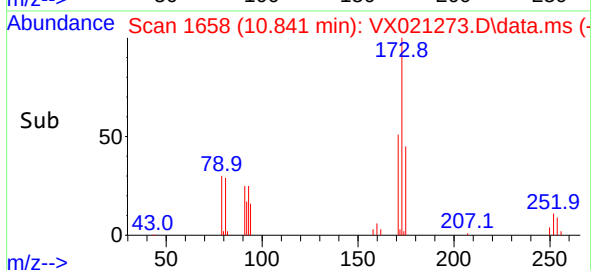
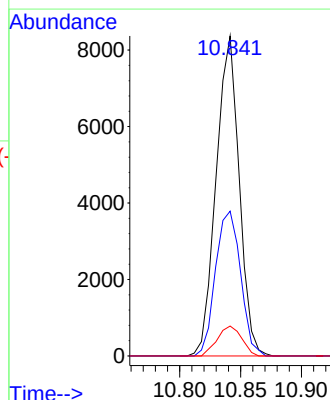
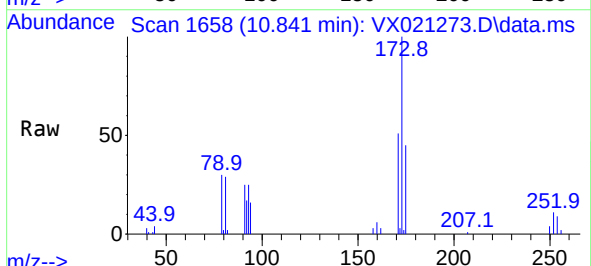
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.8  | 44.6  | 82.8  |
| 131 | 9.4   | 8.2   | 12.2  |

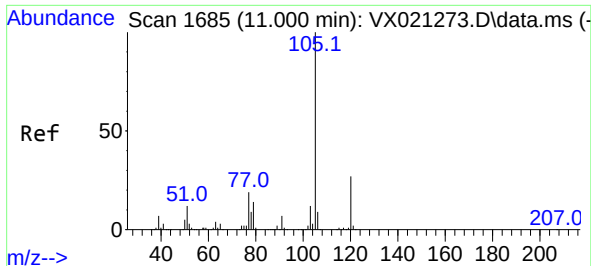


#59  
Bromoform  
Concen: 5.41 ug/L  
RT: 10.841 min Scan# 1658  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 173 Resp: 11038

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 173 | 100   |       |       |
| 175 | 49.1  | 38.0  | 57.0  |
| 254 | 9.9   | 8.8   | 13.2  |

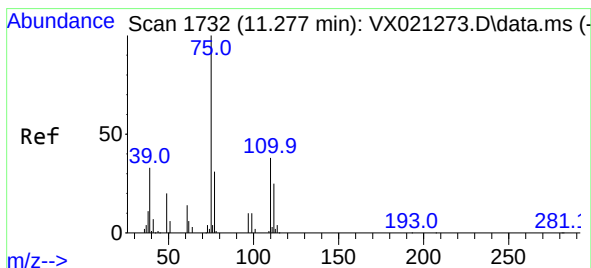
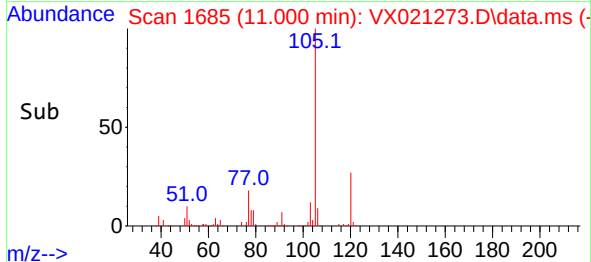
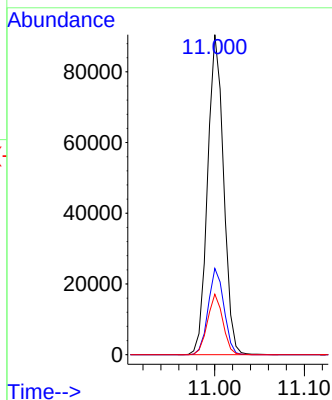
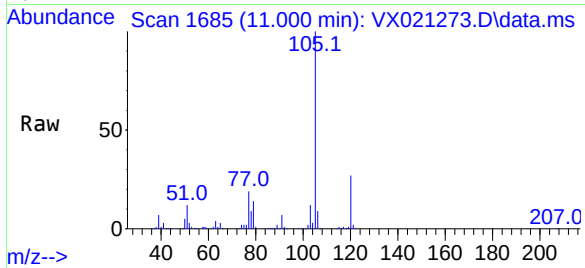




#60  
Isopropylbenzene  
Concen: 5.51 ug/L  
RT: 11.000 min Scan# 1685  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

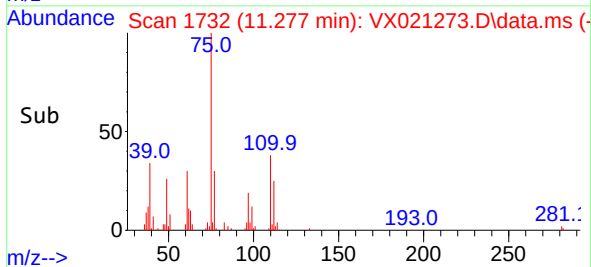
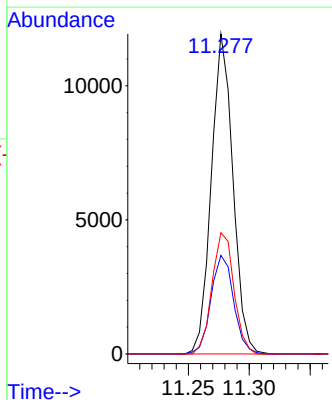
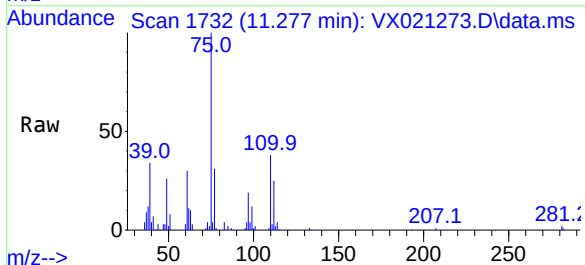
Instrument :  
MSVOA\_X  
ClientSampleId :

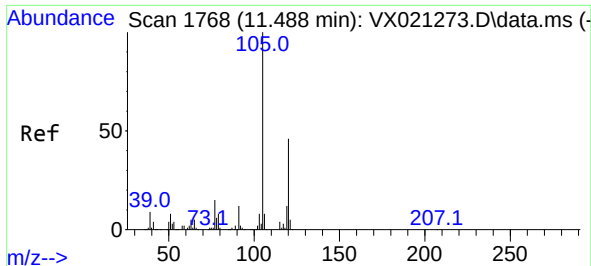
Tgt Ion:105 Resp: 111772  
Ion Ratio Lower Upper  
105 100  
120 26.5 21.1 31.7  
77 18.2 12.4 18.6



#61  
1,2,3-Trichloropropane  
Concen: 5.21 ug/L  
RT: 11.277 min Scan# 1732  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 75 Resp: 14727  
Ion Ratio Lower Upper  
75 100  
77 32.2 26.3 39.5  
110 38.5 32.1 48.1

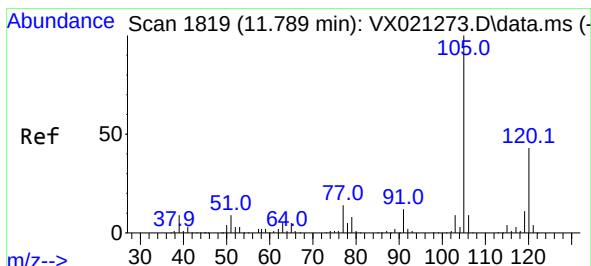
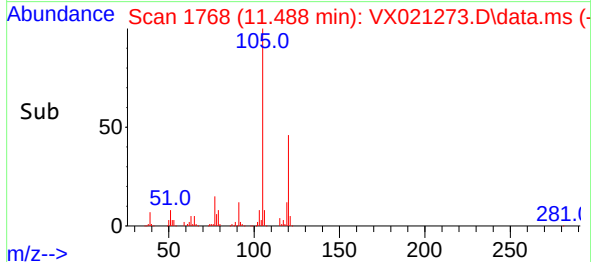
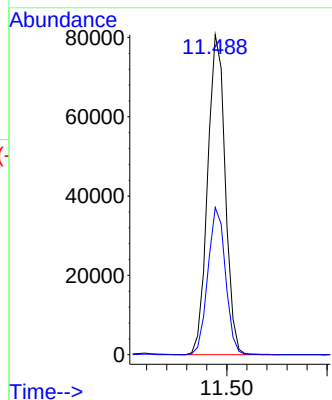
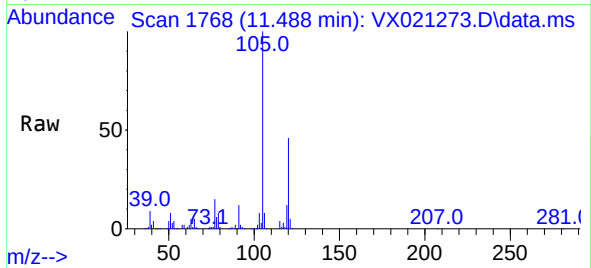




#62  
1,3,5-Trimethylbenzene  
Concen: 5.90 ug/L  
RT: 11.488 min Scan# 1768  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

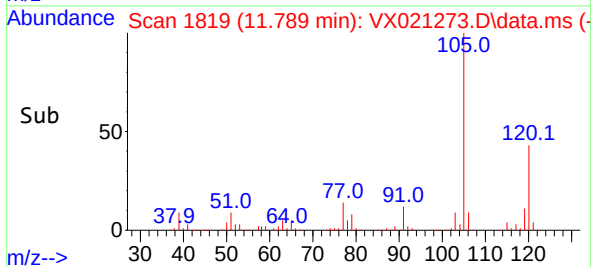
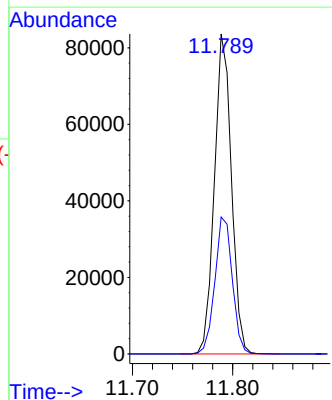
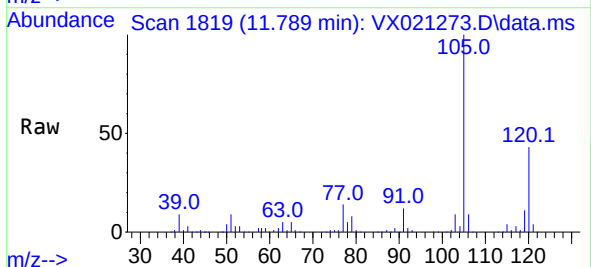
Instrument :  
MSVOA\_X  
ClientSampled :

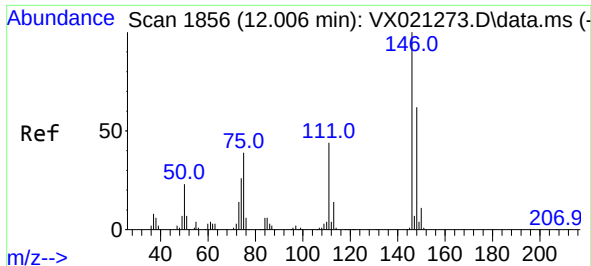
Tgt Ion:105 Resp: 98353  
Ion Ratio Lower Upper  
105 100  
120 46.0 38.8 58.2



#63  
1,2,4-Trimethylbenzene  
Concen: 5.92 ug/L  
RT: 11.789 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:105 Resp: 98438  
Ion Ratio Lower Upper  
105 100  
120 43.9 36.5 54.7

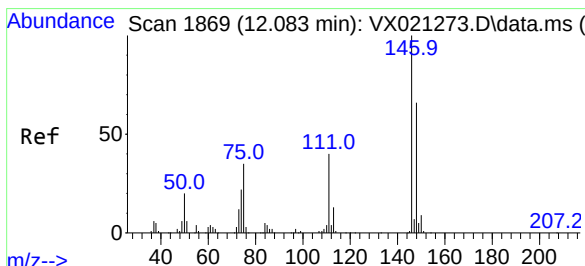
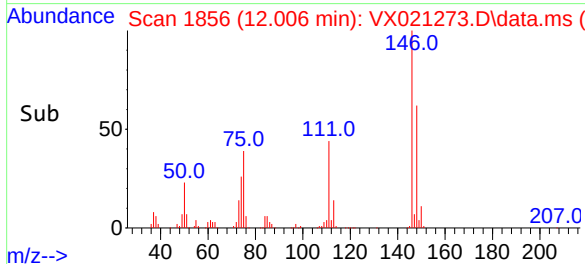
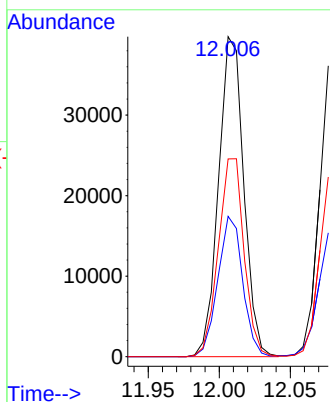
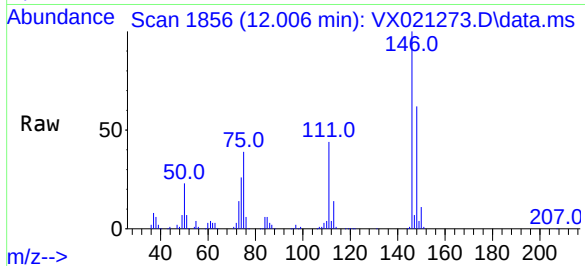




#64  
1,3-Dichlorobenzene  
Concen: 5.08 ug/L  
RT: 12.006 min Scan# 1856  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

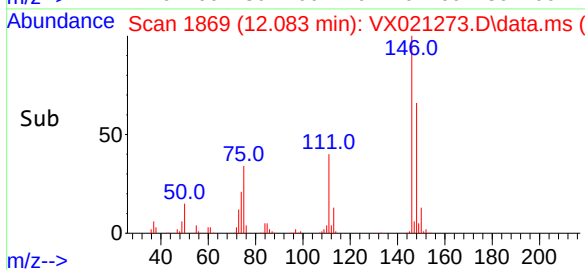
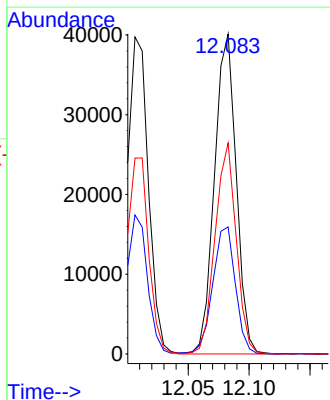
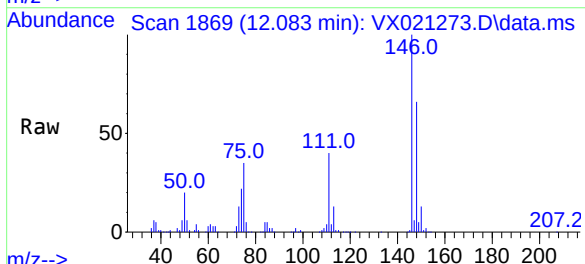
Instrument :  
MSVOA\_X  
ClientSampleId :

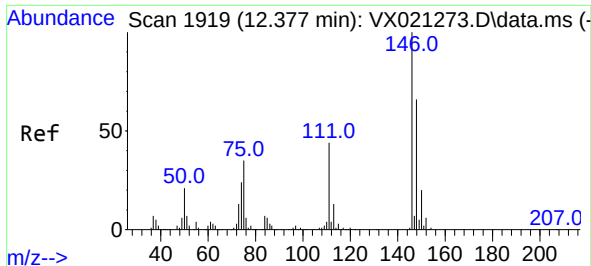
Tgt Ion:146 Resp: 49019  
Ion Ratio Lower Upper  
146 100  
111 43.9 28.2 52.4  
148 61.8 41.7 77.5



#65  
1,4-Dichlorobenzene  
Concen: 5.13 ug/L  
RT: 12.083 min Scan# 1869  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion:146 Resp: 50002  
Ion Ratio Lower Upper  
146 100  
111 39.7 26.2 48.8  
148 65.9 44.1 81.9

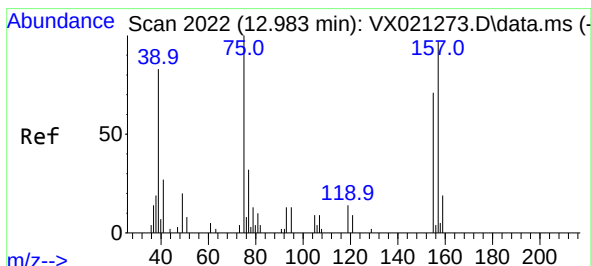
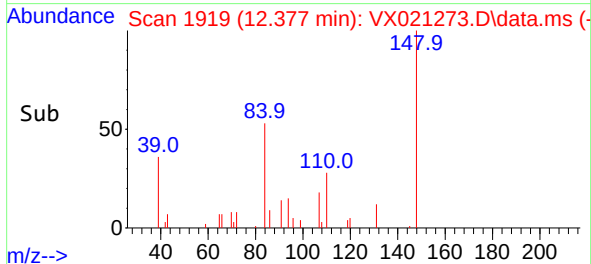
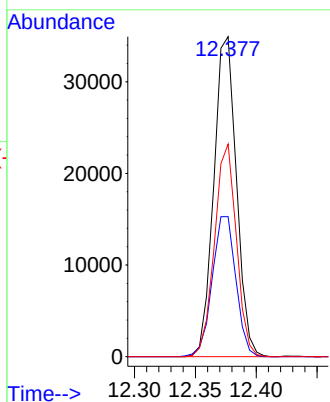
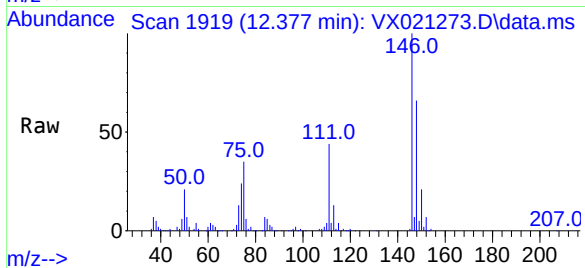




#67  
1,2-Dichlorobenzene  
Concen: 5.03 ug/L  
RT: 12.377 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

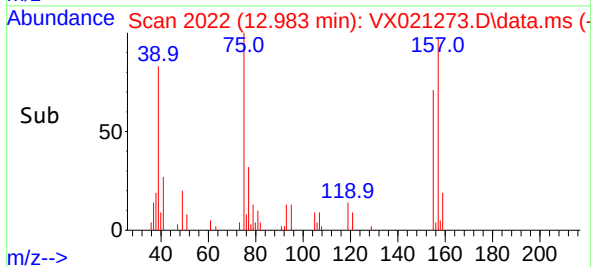
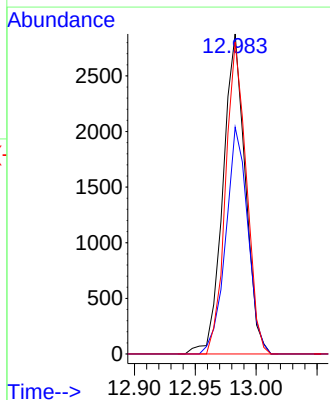
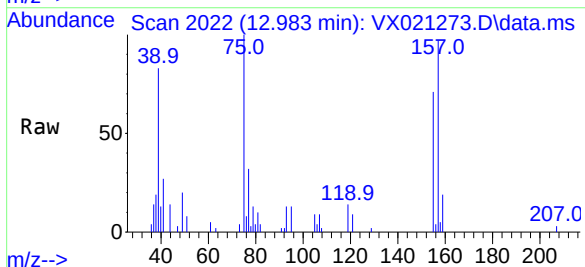
Instrument :  
MSVOA\_X  
ClientSampled :

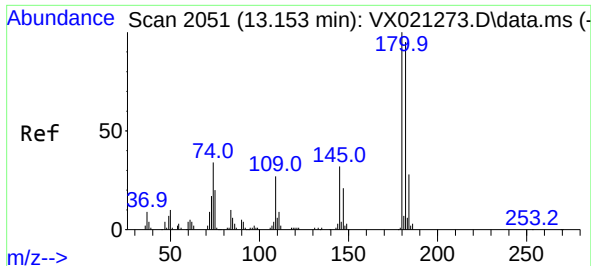
Tgt Ion:146 Resp: 45244  
Ion Ratio Lower Upper  
146 100  
111 43.7 36.3 54.5  
148 66.5 51.5 77.3



#68  
1,2-Dibromo-3-chloropropane  
Concen: 5.83 ug/L  
RT: 12.983 min Scan# 2022  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Tgt Ion: 75 Resp: 3668  
Ion Ratio Lower Upper  
75 100  
155 70.9 69.8 104.8  
157 97.4 90.0 135.0

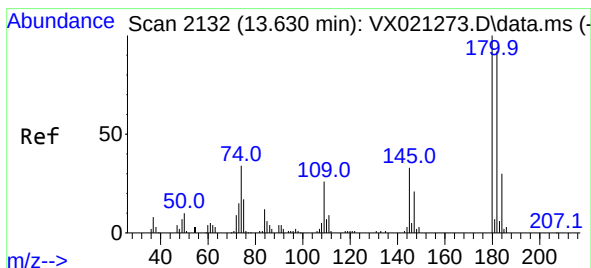
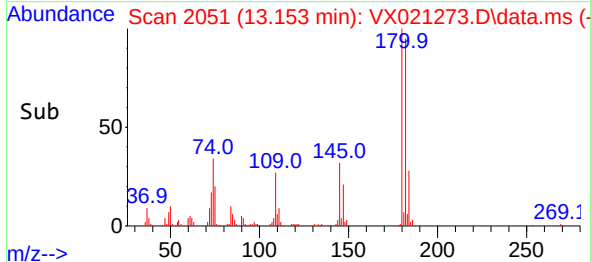
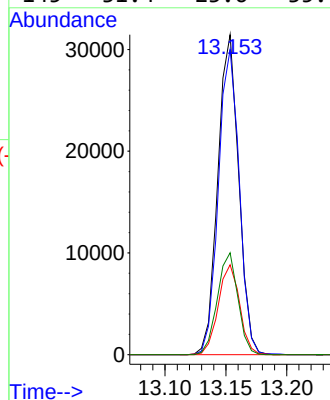
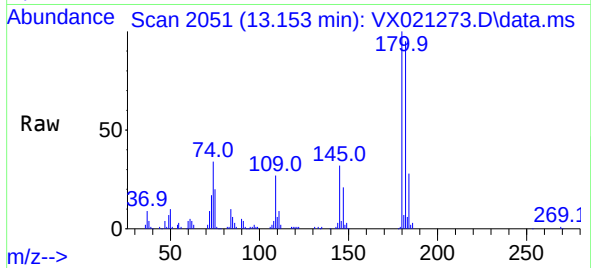




#69  
1,3,5-Trichlorobenzene  
Concen: 5.09 ug/L  
RT: 13.153 min Scan# 2051  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

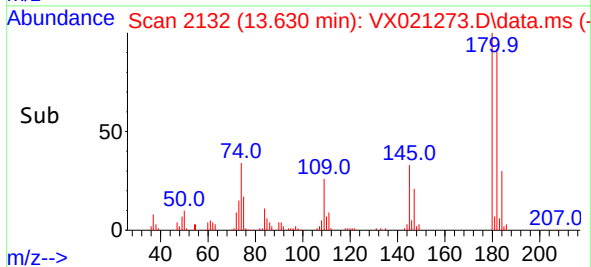
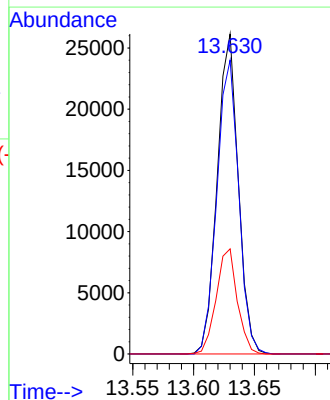
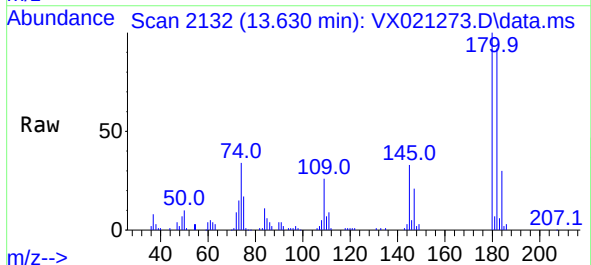
Instrument :  
MSVOA\_X  
ClientSampled :

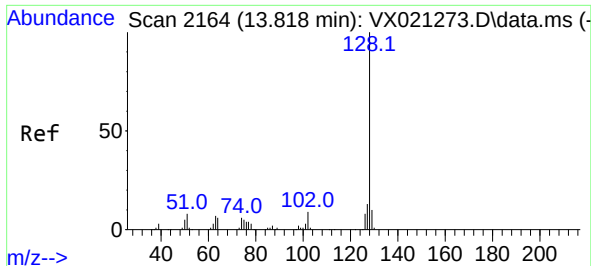
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 37525 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.2  | 77.0  | 115.4 |
| 184       | 28.8  | 24.6  | 36.8  |
| 145       | 31.4  | 23.6  | 35.4  |



#70  
1,2,4-trichlorobenzene  
Concen: 5.32 ug/L  
RT: 13.630 min Scan# 2132  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 31410 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.0  | 74.3  | 111.5 |
| 145       | 33.0  | 24.1  | 36.1  |

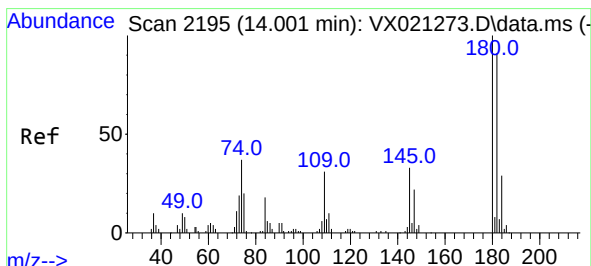
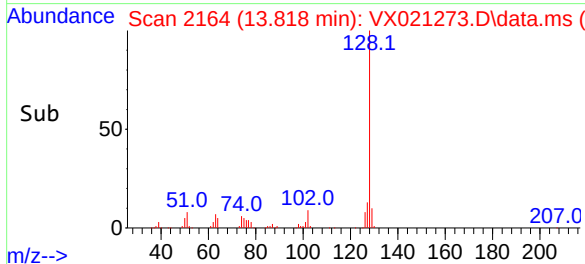
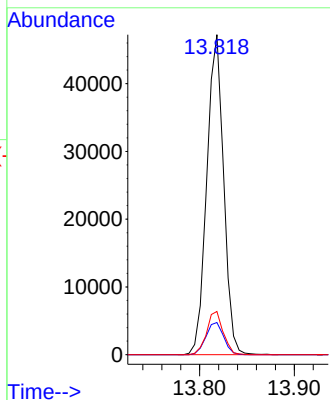
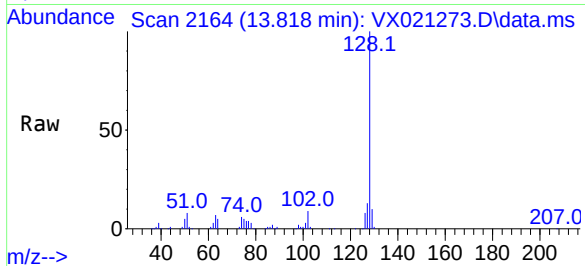




#71  
Naphthalene  
Concen: 5.84 ug/L  
RT: 13.818 min Scan# 2164  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

Instrument :  
MSVOA\_X  
ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 58285 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 10.6  | 8.4   | 12.6  |
| 127       | 13.3  | 10.1  | 15.1  |



#72  
1,2,3-Trichlorobenzene  
Concen: 5.14 ug/L  
RT: 14.001 min Scan# 2195  
Delta R.T. 0.000 min  
Lab File: VX021273.D  
Acq: 18 Mar 2021 10:40

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 27851 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 95.5  | 79.3  | 118.9 |
| 145       | 34.9  | 26.5  | 39.7  |

