

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041922\  
 Data File : VX028165.D  
 Acq On : 19 Apr 2022 17:19  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 20 08:16:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 432650   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 643119   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 590825   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 339112   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 236074   | 41.848   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =    | 83.700%  |
| 35) Dibromofluoromethane    | 5.385  | 113   | 225556   | 50.011   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =    | 100.020% |
| 50) Toluene-d8              | 8.653  | 98    | 811291   | 46.834   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =    | 93.660%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 311219   | 46.988   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =    | 93.980%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 207992  | 74.473  | ug/l   | 98  |
| 3) Chloromethane             | 1.288 | 50  | 175336  | 62.895  | ug/l   | 99  |
| 4) Vinyl Chloride            | 1.374 | 62  | 203752  | 46.715  | ug/l   | 98  |
| 5) Bromomethane              | 1.599 | 94  | 144053  | 34.539  | ug/l   | 97  |
| 6) Chloroethane              | 1.678 | 64  | 134039  | 42.430  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 362712  | 37.712  | ug/l   | 96  |
| 8) Diethyl Ether             | 2.136 | 74  | 129053  | 44.305  | ug/l   | 92  |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 196106  | 55.973  | ug/l   | 92  |
| 10) Methyl Iodide            | 2.453 | 142 | 272365  | 56.127  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 2.971 | 59  | 229264  | 210.651 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 185554  | 55.806  | ug/l   | 89  |
| 13) Acrolein                 | 2.233 | 56  | 166034  | 240.154 | ug/l   | 98  |
| 14) Allyl chloride           | 2.666 | 41  | 246260  | 44.138  | ug/l   | 94  |
| 15) Acrylonitrile            | 3.062 | 53  | 488411  | 212.453 | ug/l   | 99  |
| 16) Acetone                  | 2.380 | 43  | 398494  | 231.172 | ug/l   | 98  |
| 17) Carbon Disulfide         | 2.514 | 76  | 423867  | 47.338  | ug/l   | 100 |
| 18) Methyl Acetate           | 2.703 | 43  | 215944  | 43.053  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 3.111 | 73  | 625251  | 45.094  | ug/l   | 96  |
| 20) Methylene Chloride       | 2.788 | 84  | 199942  | 47.768  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 201493  | 44.559  | ug/l   | 91  |
| 22) Diisopropyl ether        | 3.763 | 45  | 512338  | 40.317  | ug/l   | 94  |
| 23) Vinyl Acetate            | 3.721 | 43  | 2301747 | 207.329 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 324503  | 43.248  | ug/l   | 98  |
| 25) 2-Butanone               | 4.556 | 43  | 649398  | 194.375 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 302918  | 41.348  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 240470  | 44.599  | ug/l   | 89  |
| 28) Bromochloromethane       | 4.897 | 49  | 123711  | 38.429  | ug/l # | 75  |
| 29) Tetrahydrofuran          | 5.001 | 42  | 414319  | 190.191 | ug/l   | 98  |
| 30) Chloroform               | 5.099 | 83  | 364336  | 40.432  | ug/l   | 99  |
| 31) Cyclohexane              | 5.477 | 56  | 278486  | 40.519  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 350093  | 42.905  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 262029  | 44.540  | ug/l   | 95  |
| 37) Ethyl Acetate            | 4.714 | 43  | 256598  | 42.985  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 315618  | 47.523  | ug/l   | 99  |
| 39) Methylcyclohexane        | 7.385 | 83  | 331254  | 44.625  | ug/l   | 93  |
| 40) Benzene                  | 6.037 | 78  | 774047  | 44.948  | ug/l   | 99  |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 20 08:16:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 133067   | 43.206  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 268013   | 41.926  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 416974   | 42.919  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 252113   | 50.484  | ug/l   | 94       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 182303   | 43.248  | ug/l   | 99       |
| 46) Dibromomethane            | 7.580  | 93   | 148120   | 44.795  | ug/l   | 91       |
| 47) Bromodichloromethane      | 7.824  | 83   | 275037   | 43.277  | ug/l   | 99       |
| 48) Methyl methacrylate       | 7.696  | 41   | 190338   | 42.672  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 98017    | 821.428 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1283685  | 205.902 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 525016   | 43.882  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 305901   | 45.290  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 323389   | 44.587  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 217439   | 44.731  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 313977   | 44.558  | ug/l # | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 338098   | 43.092  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 782562   | 236.699 | ug/l # | 89       |
| 59) 2-Hexanone                | 9.433  | 43   | 1005813  | 208.273 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.525  | 129  | 241644   | 45.599  | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 240466   | 45.091  | ug/l   | 98       |
| 64) Tetrachloroethene         | 9.275  | 164  | 238356   | 51.649  | ug/l   | 97       |
| 65) Chlorobenzene             | 10.079 | 112  | 604596   | 47.996  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 231528   | 49.340  | ug/l   | 99       |
| 67) Ethyl Benzene             | 10.195 | 91   | 1009686  | 47.801  | ug/l   | 95       |
| 68) m/p-Xylenes               | 10.305 | 106  | 838936   | 97.587  | ug/l   | 92       |
| 69) o-Xylene                  | 10.646 | 106  | 417136   | 48.667  | ug/l   | 92       |
| 70) Styrene                   | 10.659 | 104  | 686630   | 49.448  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 191139   | 44.560  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 1060430  | 45.496  | ug/l   | 97       |
| 74) N-amyl acetate            | 10.848 | 43   | 373778   | 46.396  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 334025   | 44.162  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 369129   | 55.309  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 300488   | 49.501  | ug/l   | 84       |
| 78) n-propylbenzene           | 11.305 | 91   | 1189436  | 46.021  | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 714509   | 44.466  | ug/l   | 93       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 921015   | 46.550  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 100716   | 44.846  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 836019   | 45.167  | ug/l   | 93       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 942787   | 46.665  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 924022   | 46.982  | ug/l   | 96       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1134406  | 46.541  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 1009857  | 48.025  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 566113   | 49.632  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.042 | 146  | 573722   | 47.905  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 809818   | 46.901  | ug/l   | 96       |
| 90) Hexachloroethane          | 12.542 | 117  | 160617   | 42.725  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 562444   | 49.638  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 72949    | 43.368  | ug/l   | 82       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 366102   | 54.323  | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 149303   | 49.648  | ug/l   | 94       |
| 95) Naphthalene               | 13.774 | 128  | 1201495  | 53.518  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 358521   | 54.197  | ug/l   | 97       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

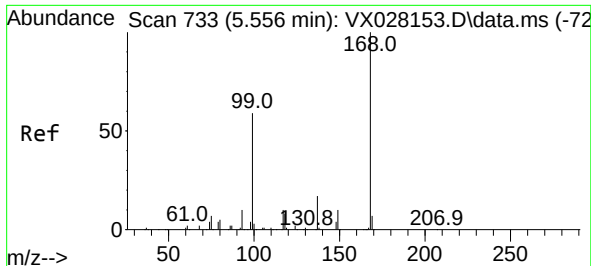
Quant Time: Apr 20 08:16:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

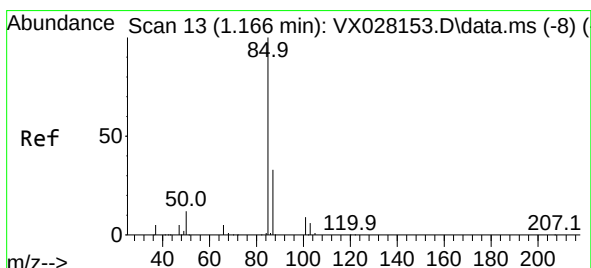
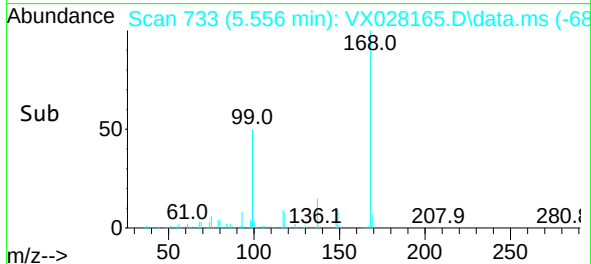
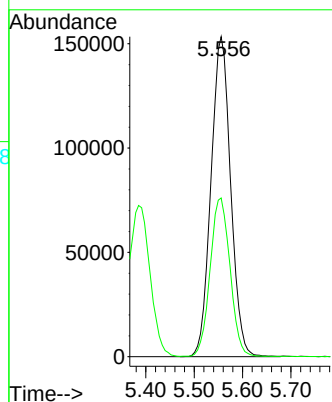
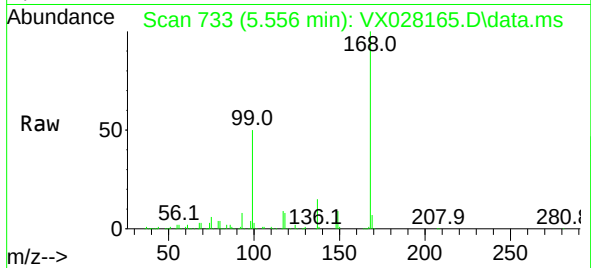




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

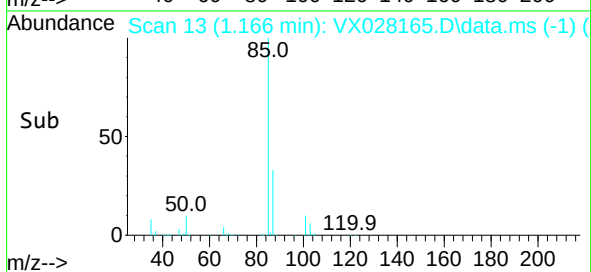
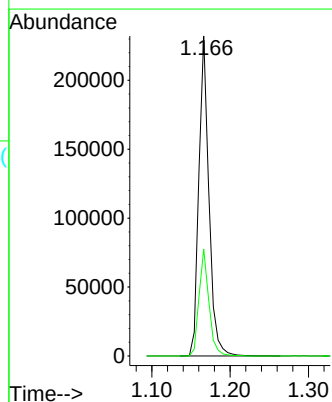
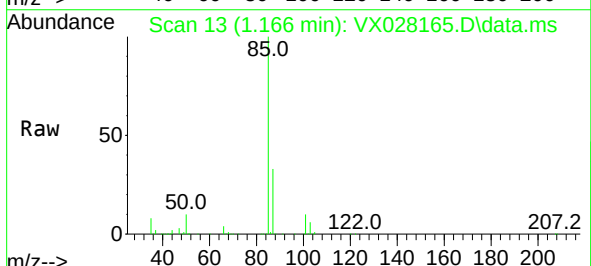
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

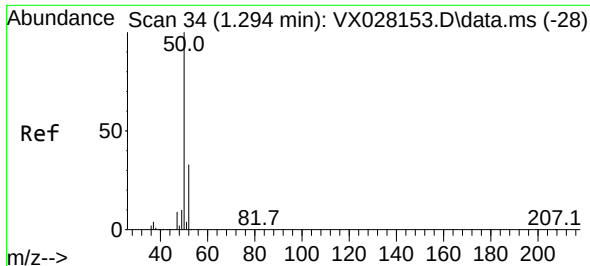
Tgt Ion:168 Resp: 432650  
Ion Ratio Lower Upper  
168 100  
99 49.5 41.7 62.5



#2  
Dichlorodifluoromethane  
Concen: 74.473 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 85 Resp: 207992  
Ion Ratio Lower Upper  
85 100  
87 33.4 16.2 48.6

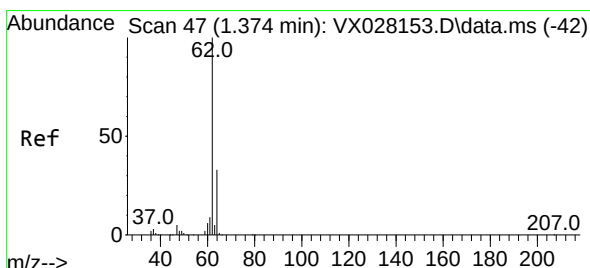
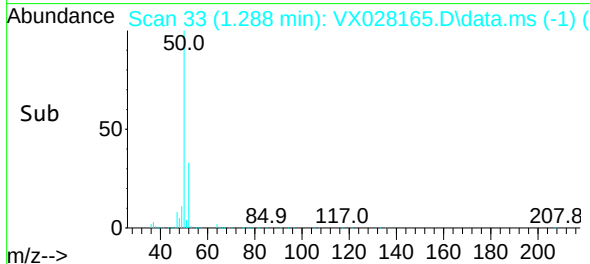
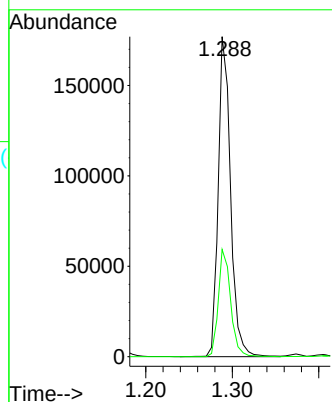
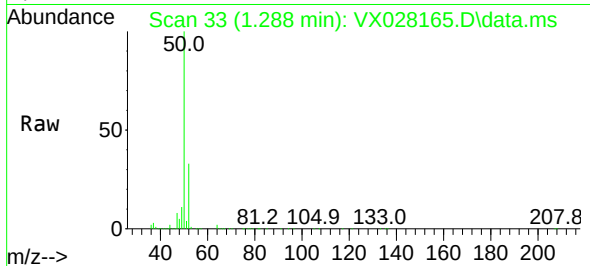




#3  
Chloromethane  
Concen: 62.895 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

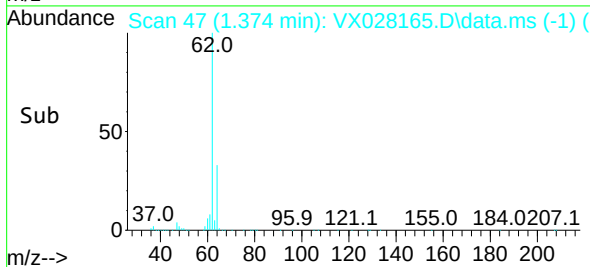
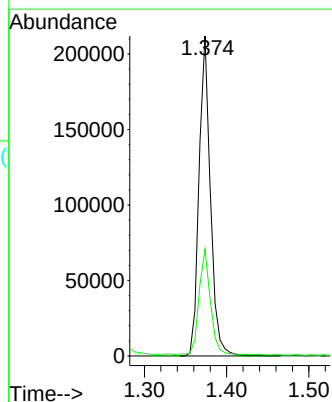
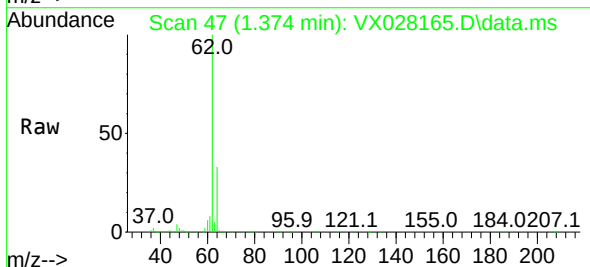
Instrument :  
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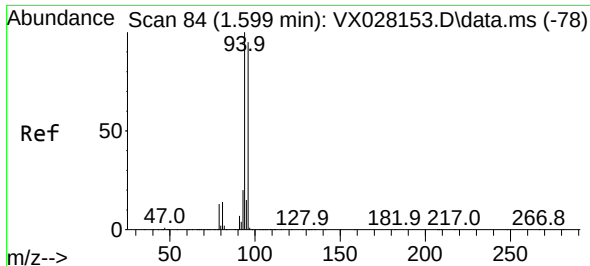
Tgt Ion: 50 Resp: 175336  
Ion Ratio Lower Upper  
50 100  
52 33.5 26.4 39.6



#4  
Vinyl Chloride  
Concen: 46.715 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 62 Resp: 203752  
Ion Ratio Lower Upper  
62 100  
64 33.1 25.5 38.3

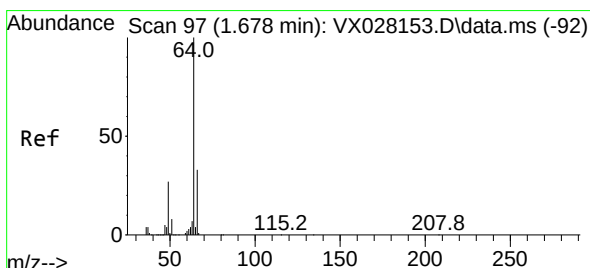
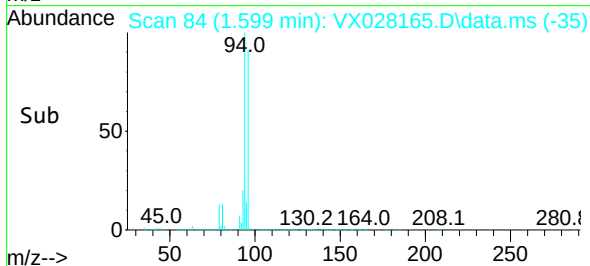
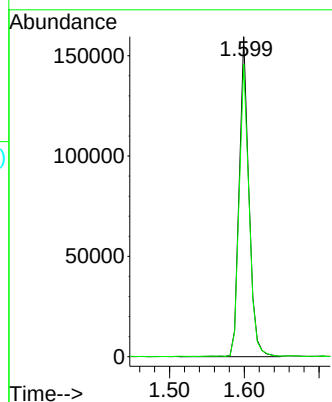
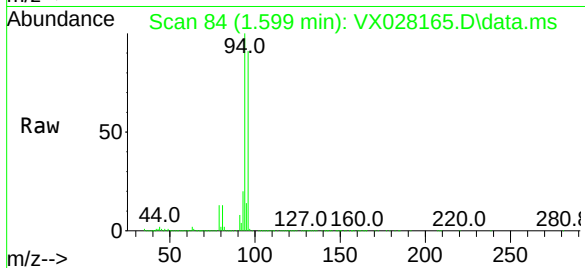




#5  
Bromomethane  
Concen: 34.539 ug/l  
RT: 1.599 min Scan# 84  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

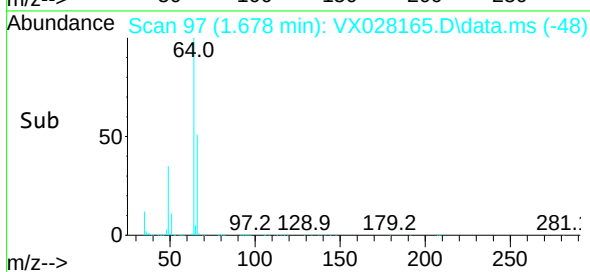
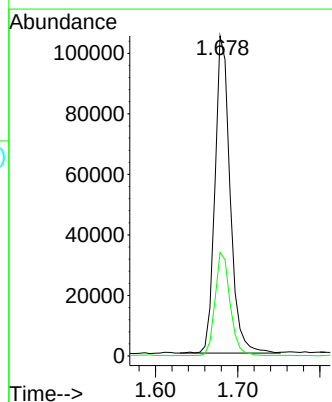
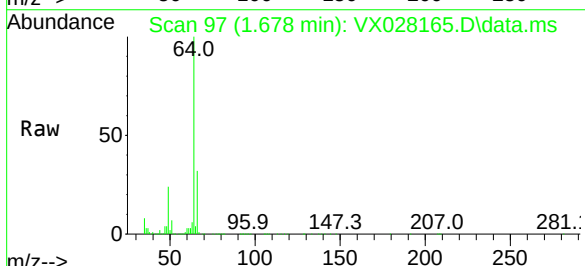
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

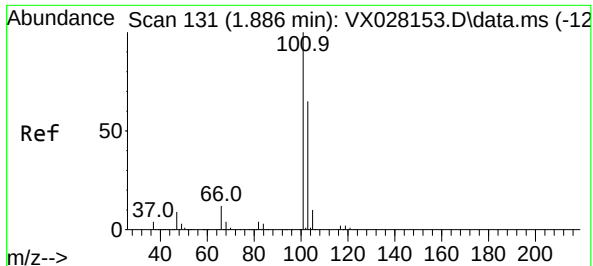
Tgt Ion: 94 Resp: 144053  
Ion Ratio Lower Upper  
94 100  
96 91.4 75.3 112.9



#6  
Chloroethane  
Concen: 42.430 ug/l  
RT: 1.678 min Scan# 97  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 64 Resp: 134039  
Ion Ratio Lower Upper  
64 100  
66 32.4 25.3 37.9

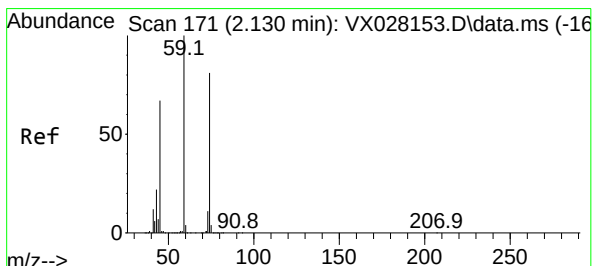
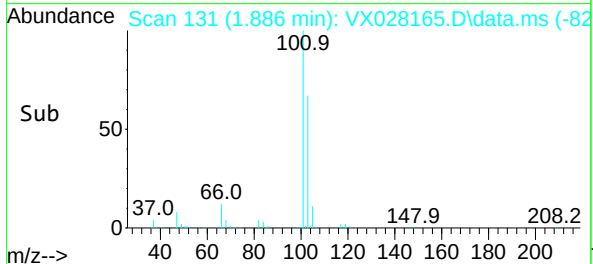
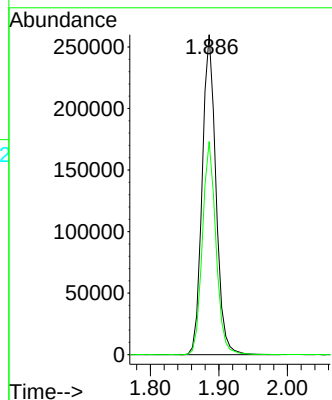
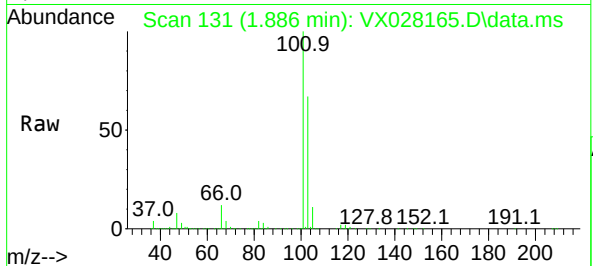




#7  
 Trichlorofluoromethane  
 Concen: 37.712 ug/l  
 RT: 1.886 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

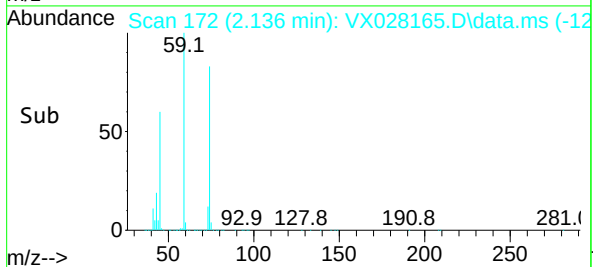
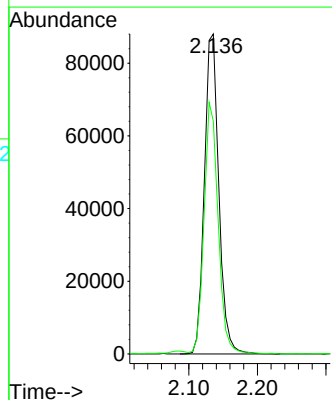
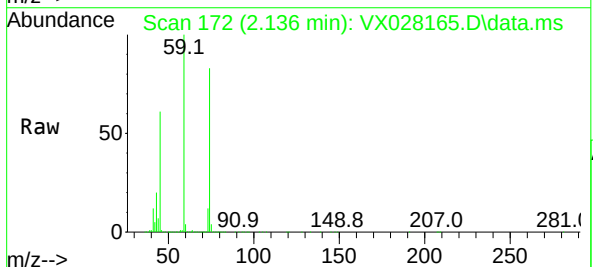
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion:101 Resp: 362712  
 Ion Ratio Lower Upper  
 101 100  
 103 66.6 50.5 75.7

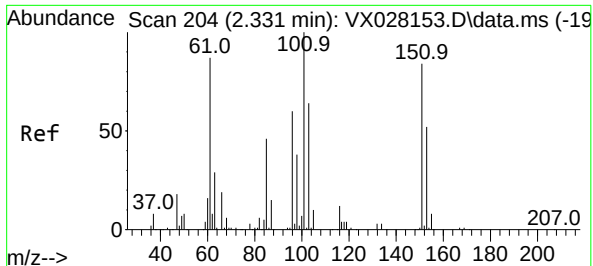


#8  
 Diethyl Ether  
 Concen: 44.305 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. 0.006 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Tgt Ion: 74 Resp: 129053  
 Ion Ratio Lower Upper  
 74 100  
 45 77.1 42.0 126.0



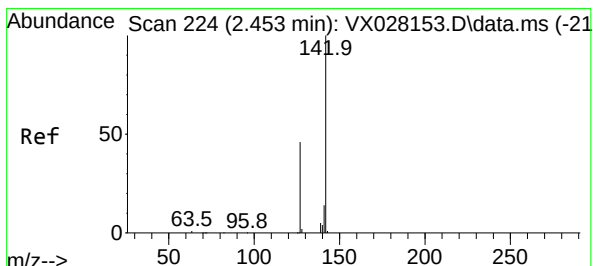
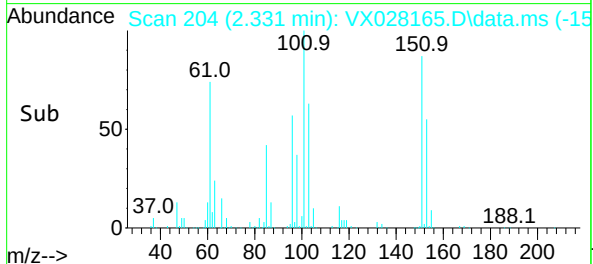
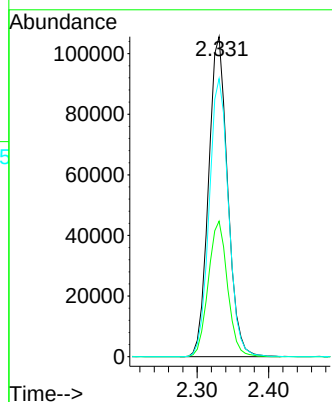
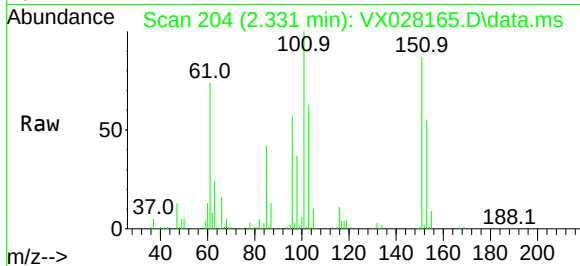




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 55.973 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

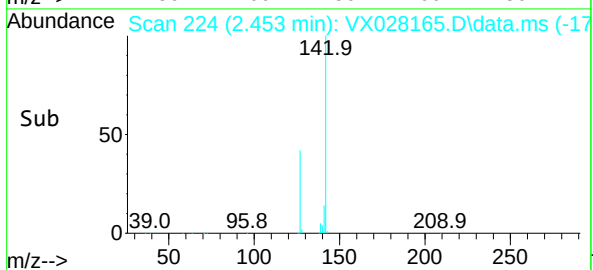
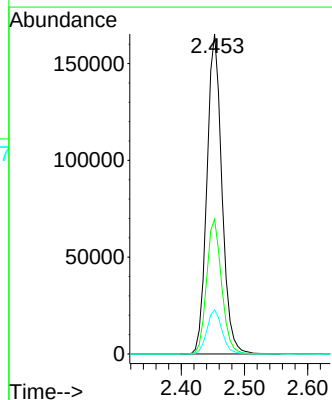
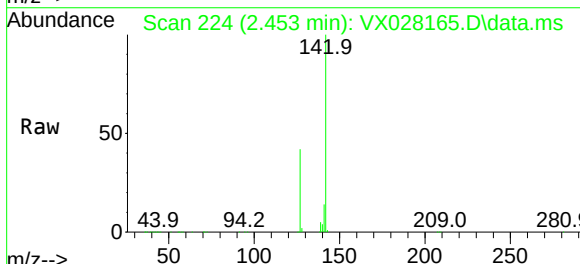
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MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

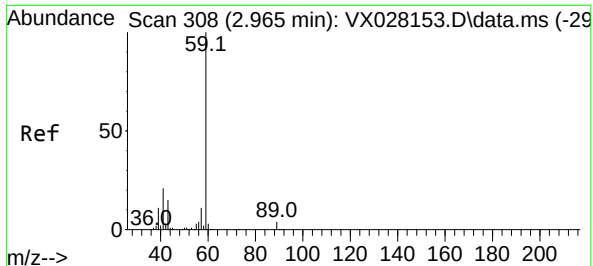
Tgt Ion:101 Resp: 196106  
Ion Ratio Lower Upper  
101 100  
85 42.5 33.5 50.3  
151 87.8 61.8 92.6



#10  
Methyl Iodide  
Concen: 56.127 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:142 Resp: 272365  
Ion Ratio Lower Upper  
142 100  
127 42.1 33.9 50.9  
141 14.0 11.4 17.2

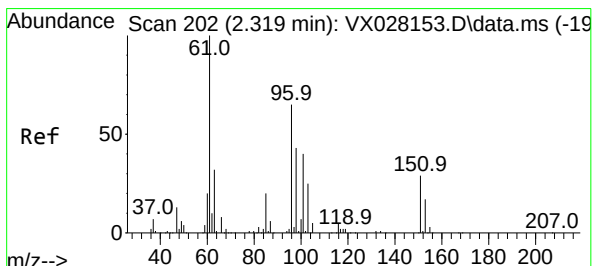
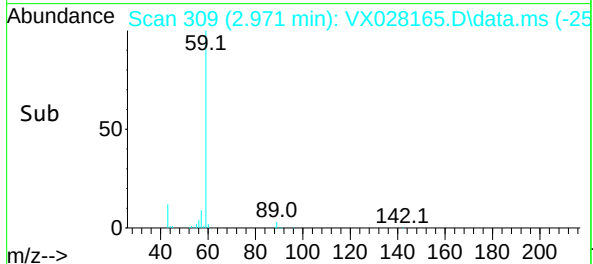
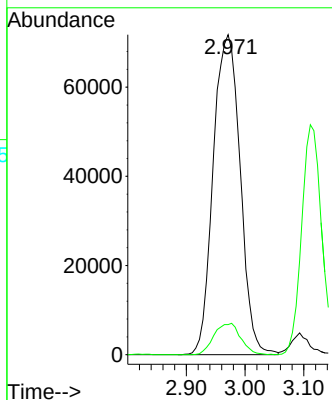
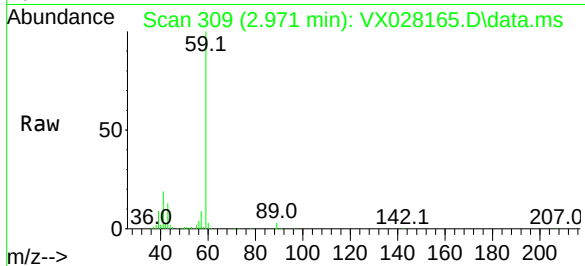




#11  
Tert butyl alcohol  
Concen: 210.651 ug/l  
RT: 2.971 min Scan# 308  
Delta R.T. 0.006 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

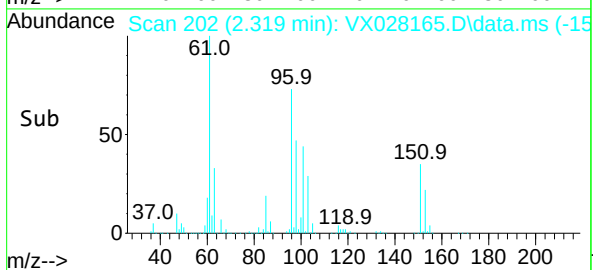
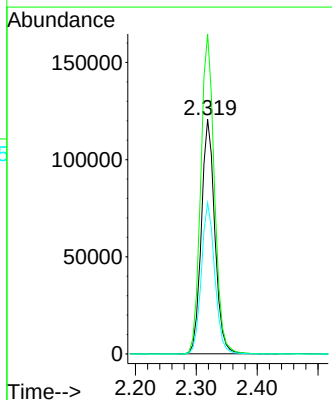
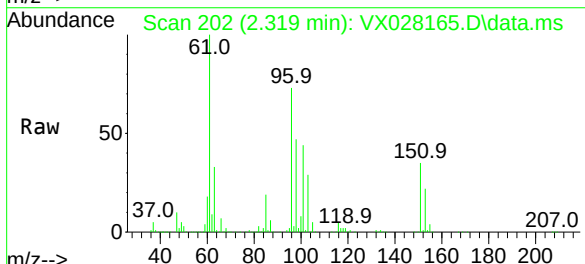
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

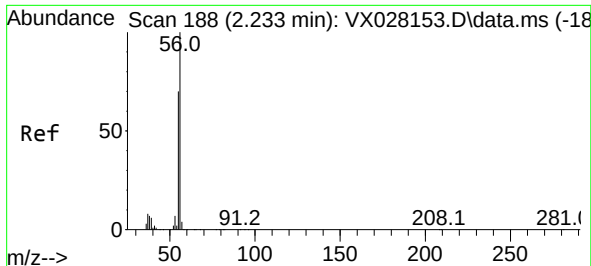
Tgt Ion: 59 Resp: 229264  
Ion Ratio Lower Upper  
59 100  
57 9.7 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 55.806 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 96 Resp: 185554  
Ion Ratio Lower Upper  
96 100  
61 136.5 124.6 187.0  
98 64.4 51.0 76.4

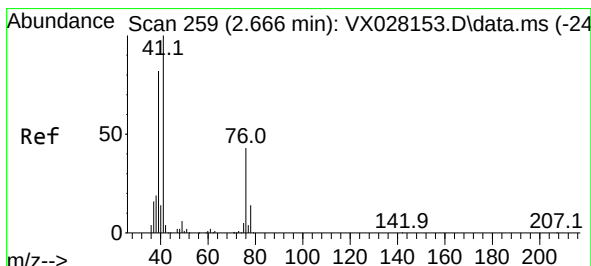
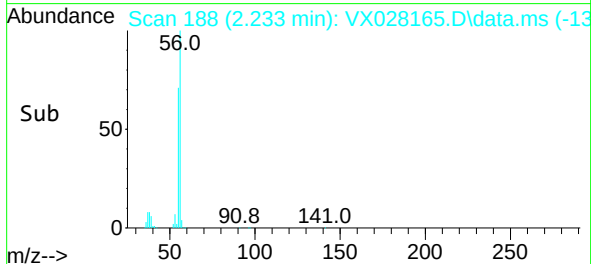
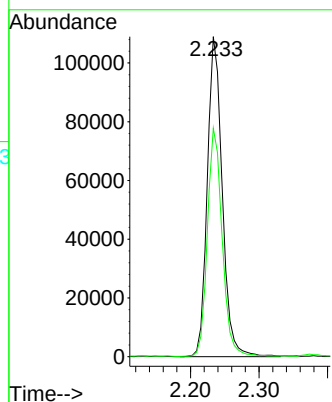
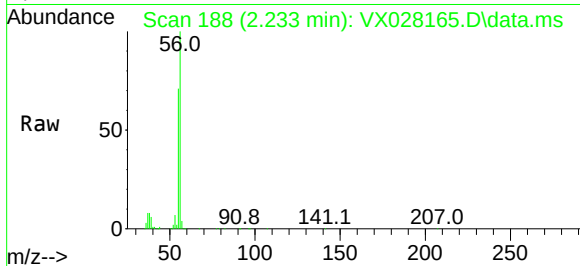




#13  
Acrolein  
Concen: 240.154 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

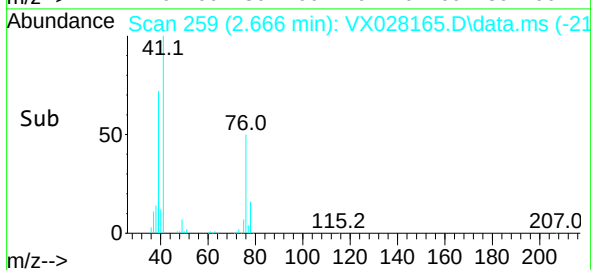
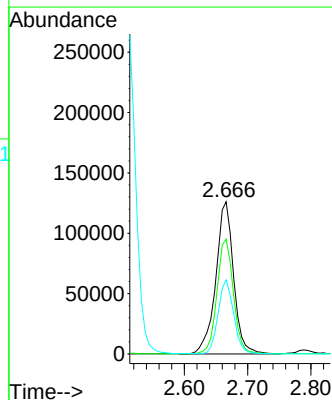
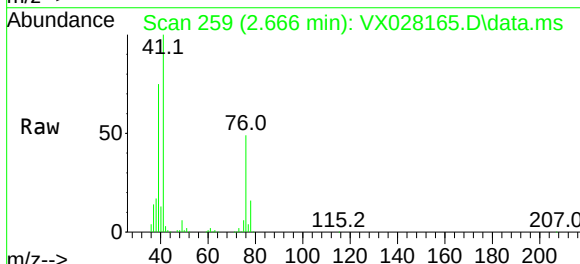
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

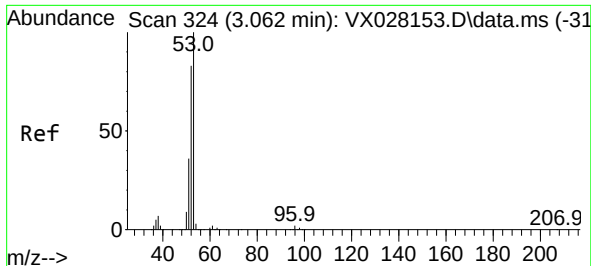
Tgt Ion: 56 Resp: 166034  
Ion Ratio Lower Upper  
56 100  
55 70.3 55.0 82.6



#14  
Allyl chloride  
Concen: 44.138 ug/l  
RT: 2.666 min Scan# 259  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 41 Resp: 246260  
Ion Ratio Lower Upper  
41 100  
39 69.5 50.4 75.6  
76 42.5 32.7 49.1

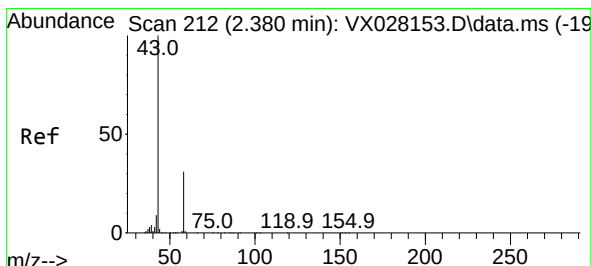
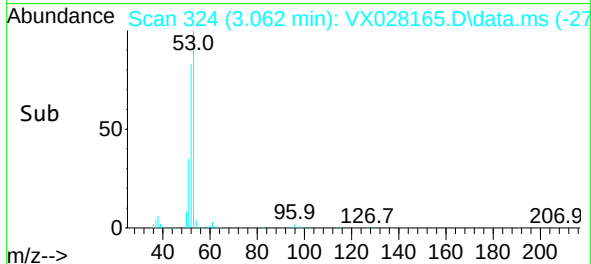
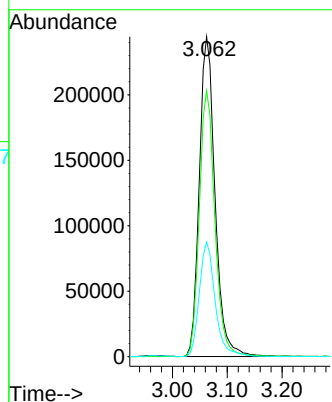
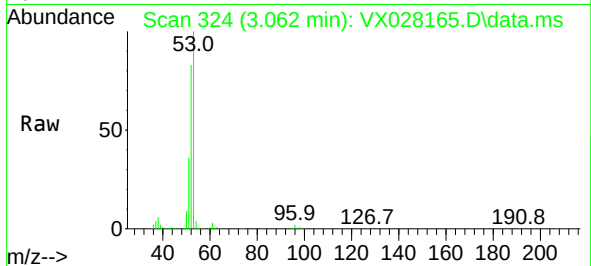




#15  
Acrylonitrile  
Concen: 212.453 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

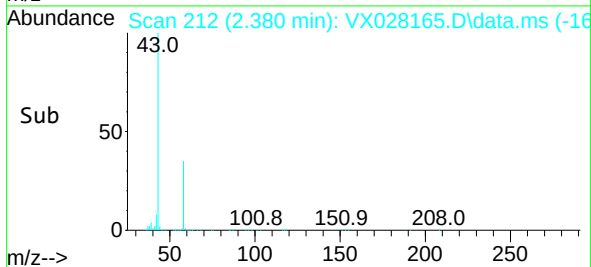
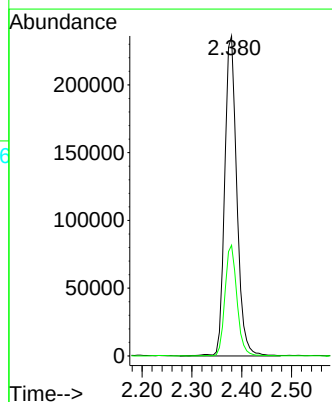
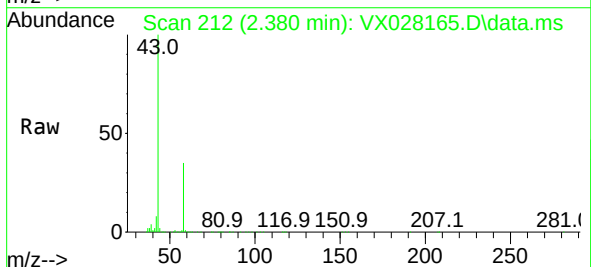
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

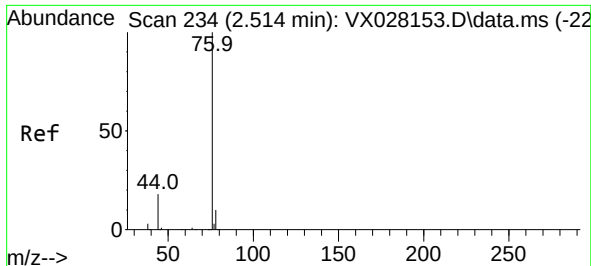
Tgt Ion: 53 Resp: 488411  
Ion Ratio Lower Upper  
53 100  
52 82.5 65.7 98.5  
51 36.0 28.4 42.6



#16  
Acetone  
Concen: 231.172 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 43 Resp: 398494  
Ion Ratio Lower Upper  
43 100  
58 34.6 28.8 43.2

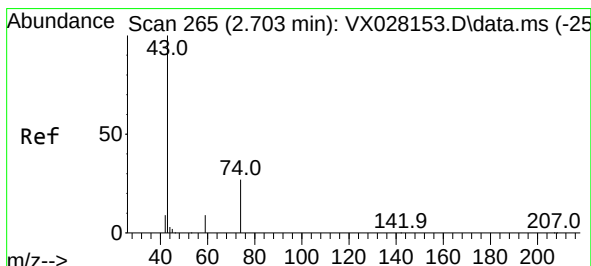
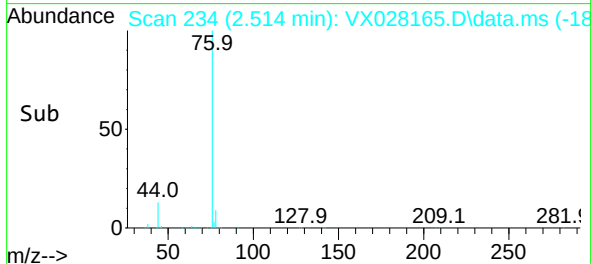
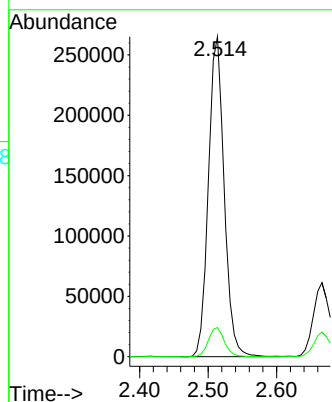
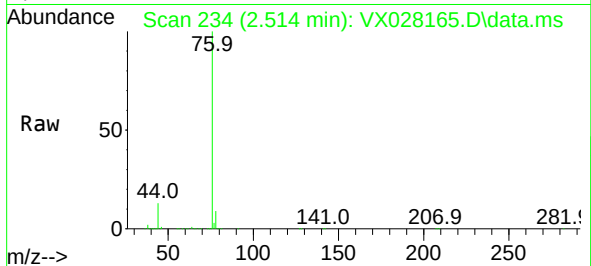




#17  
Carbon Disulfide  
Concen: 47.338 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

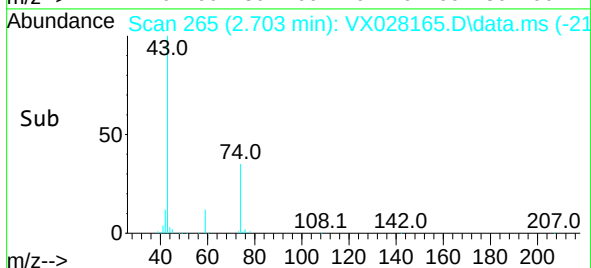
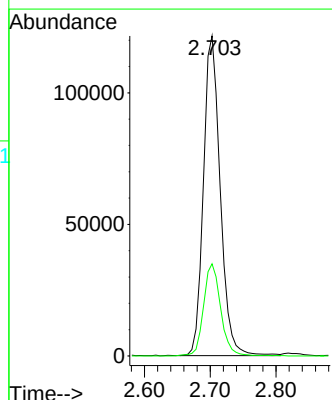
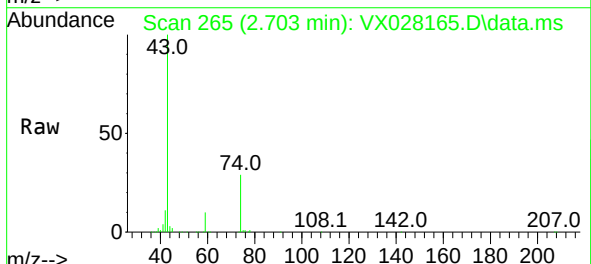
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

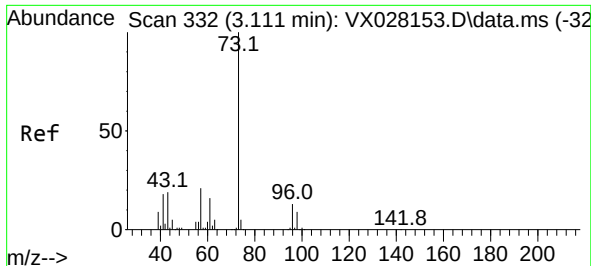
Tgt Ion: 76 Resp: 423867  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.2 10.8



#18  
Methyl Acetate  
Concen: 43.053 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 43 Resp: 215944  
Ion Ratio Lower Upper  
43 100  
74 29.3 22.8 34.2

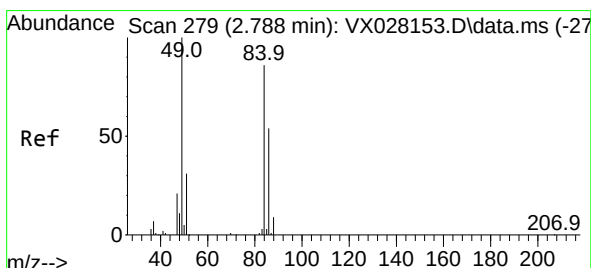
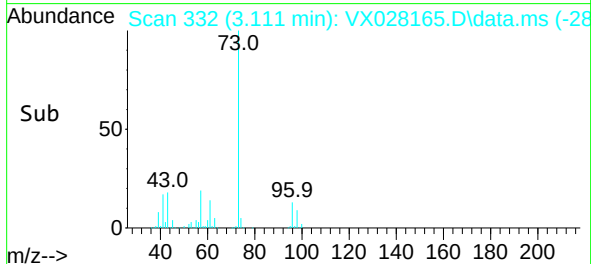
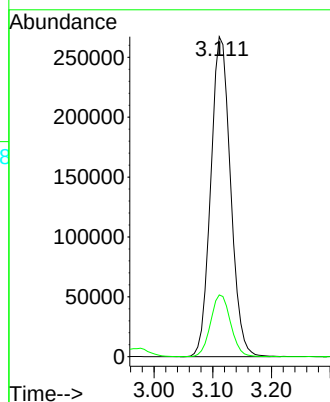
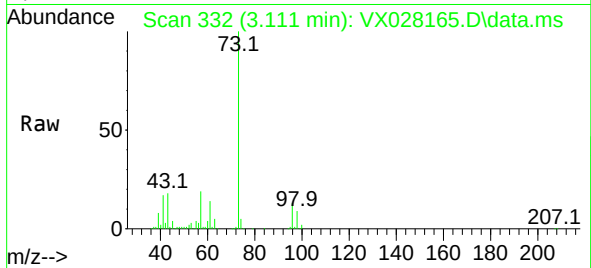




#19  
Methyl tert-butyl Ether  
Concen: 45.094 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

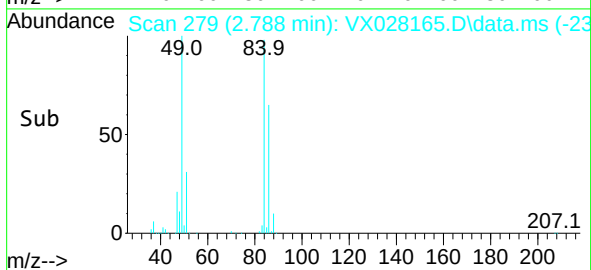
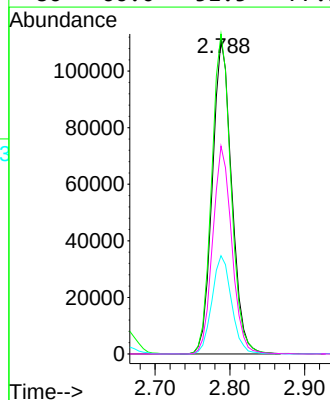
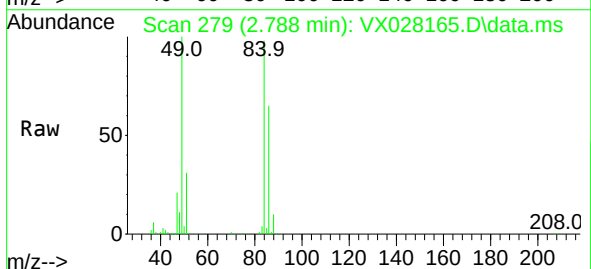
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

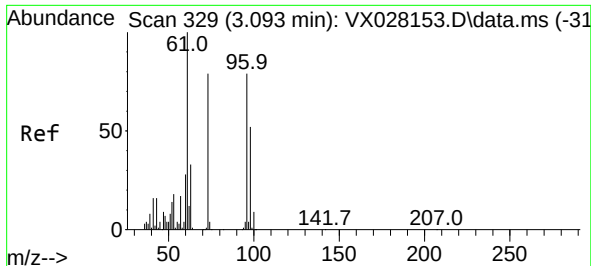
Tgt Ion: 73 Resp: 625251  
Ion Ratio Lower Upper  
73 100  
57 19.3 16.8 25.2



#20  
Methylene Chloride  
Concen: 47.768 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 84 Resp: 199942  
Ion Ratio Lower Upper  
84 100  
49 101.7 85.5 128.3  
51 31.2 26.6 39.8  
86 66.0 51.5 77.3

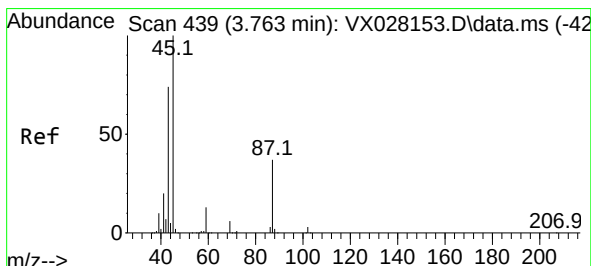
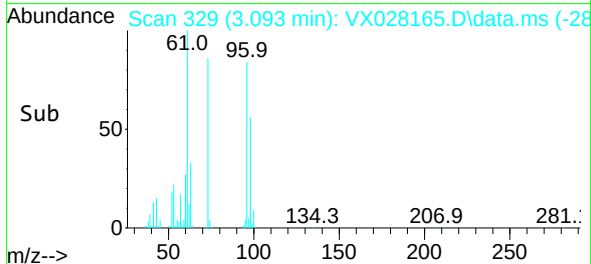
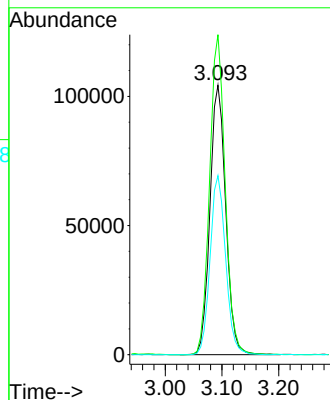
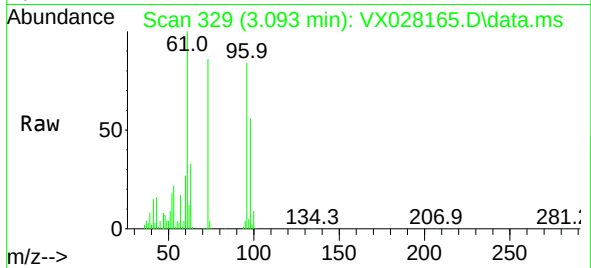




#21  
trans-1,2-Dichloroethene  
Concen: 44.559 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

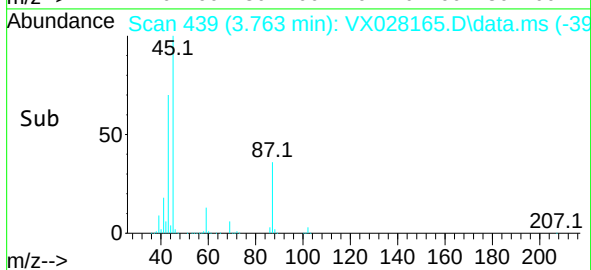
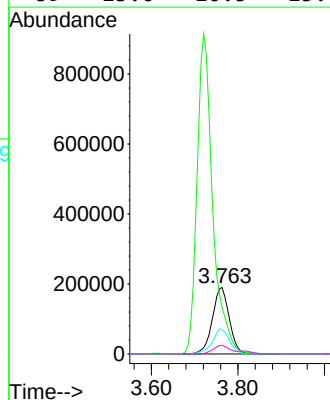
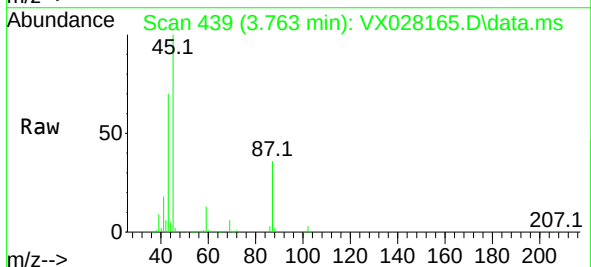
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

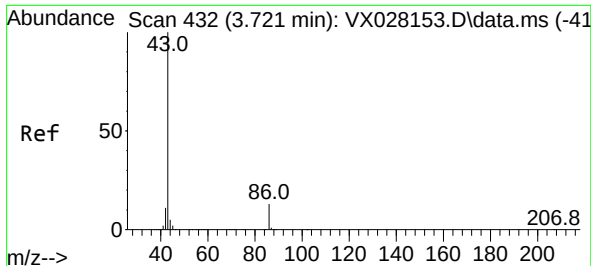
Tgt Ion: 96 Resp: 201493  
Ion Ratio Lower Upper  
96 100  
61 118.8 105.4 158.2  
98 66.5 50.0 75.0



#22  
Diisopropyl ether  
Concen: 40.317 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 45 Resp: 512338  
Ion Ratio Lower Upper  
45 100  
43 69.6 50.8 76.2  
87 36.4 26.6 39.8  
59 13.0 10.5 15.7

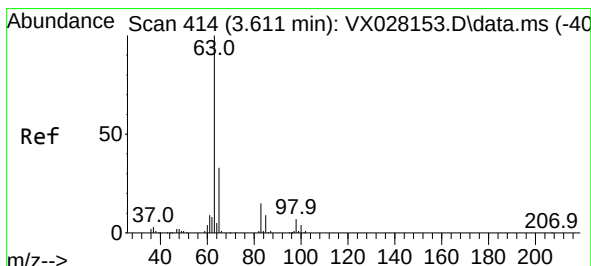
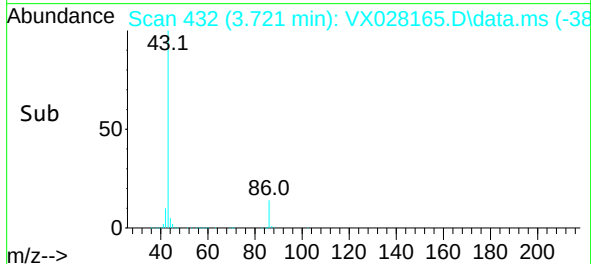
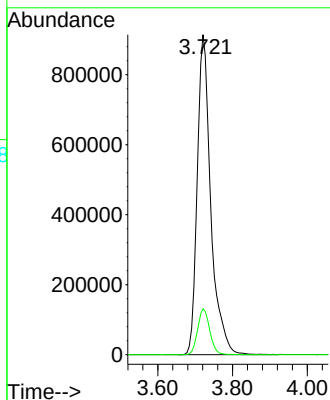
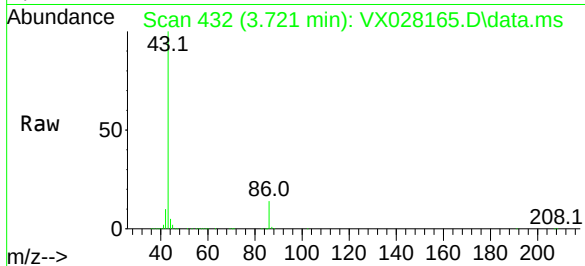




#23  
 Vinyl Acetate  
 Concen: 207.329 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

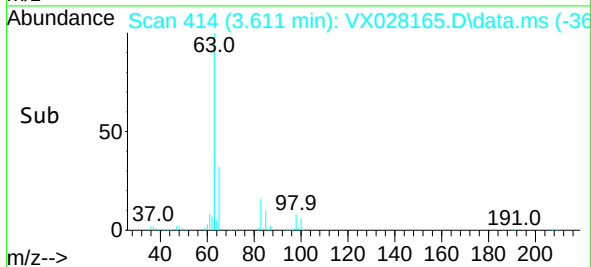
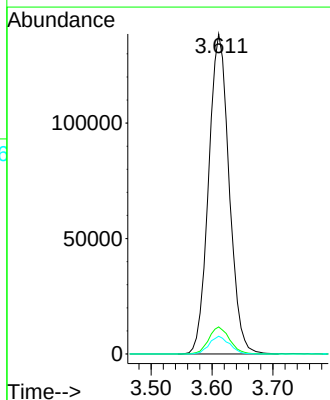
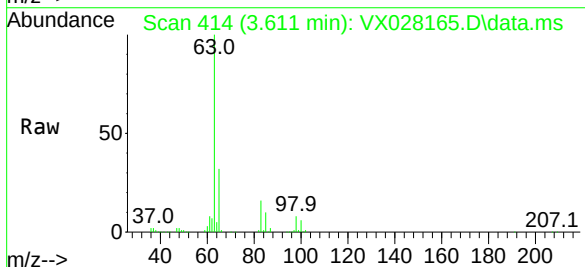
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 2301747  
 Ion Ratio Lower Upper  
 43 100  
 86 14.3 10.8 16.2

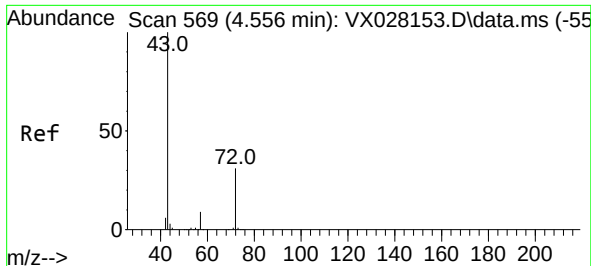


#24  
 1,1-Dichloroethane  
 Concen: 43.248 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Tgt Ion: 63 Resp: 324503  
 Ion Ratio Lower Upper  
 63 100  
 98 8.4 3.9 11.7  
 100 5.5 2.4 7.2



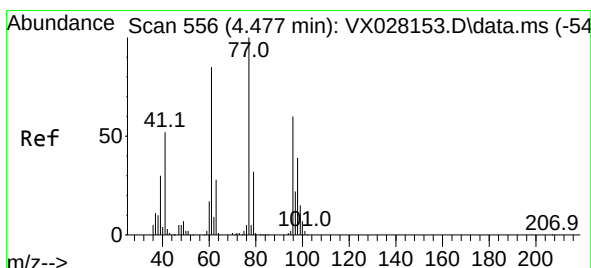
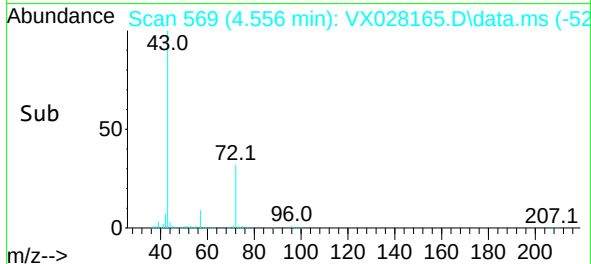
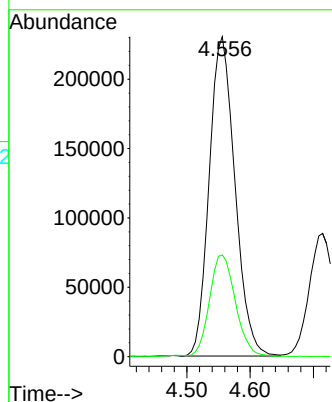
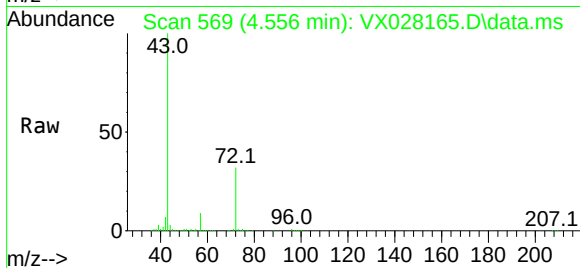




#25  
2-Butanone  
Concen: 194.375 ug/l  
RT: 4.556 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

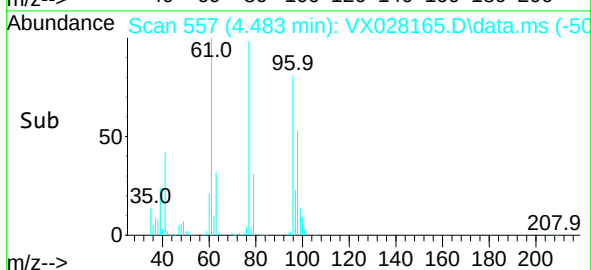
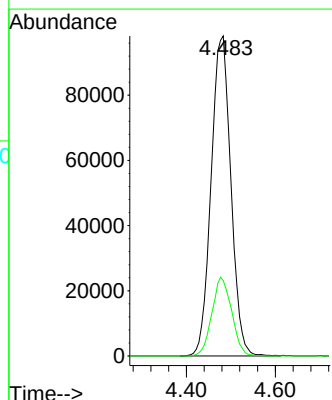
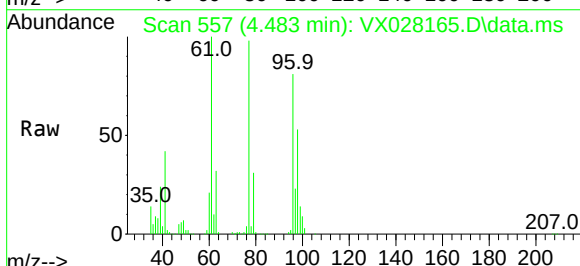
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

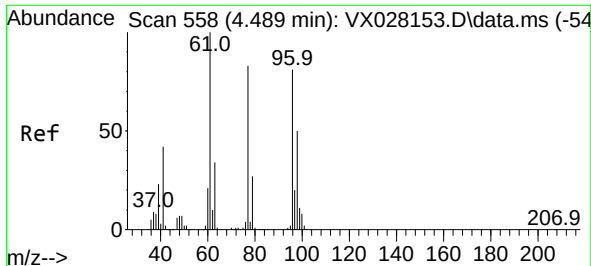
Tgt Ion: 43 Resp: 649398  
Ion Ratio Lower Upper  
43 100  
72 31.7 24.4 36.6



#26  
2,2-Dichloropropane  
Concen: 41.348 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 77 Resp: 302918  
Ion Ratio Lower Upper  
77 100  
97 24.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 44.599 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

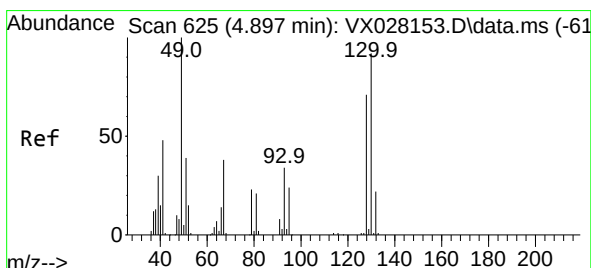
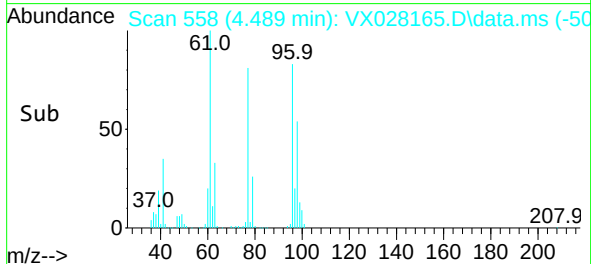
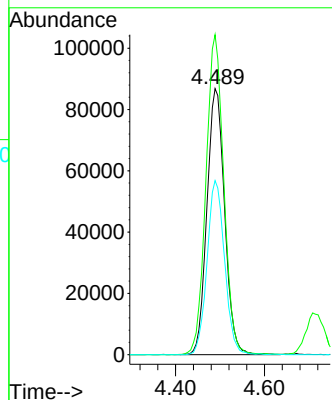
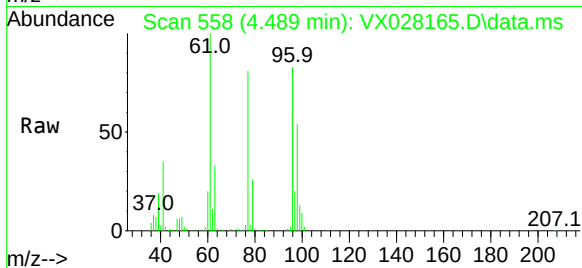
Tgt Ion: 96 Resp: 240470

Ion Ratio Lower Upper

96 100

61 121.5 0.0 283.8

98 64.7 0.0 129.8



#28

Bromochloromethane

Concen: 38.429 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

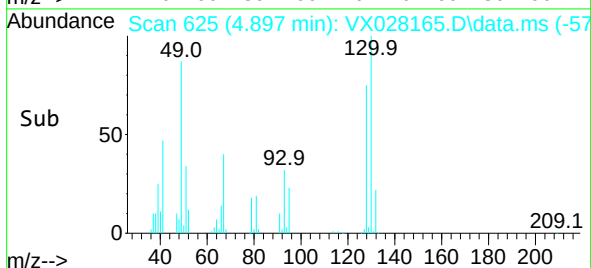
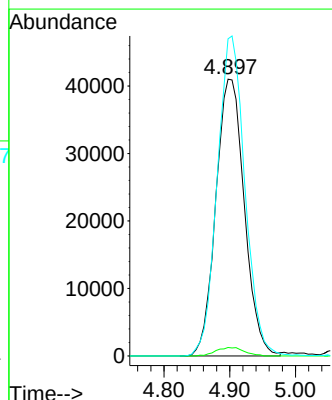
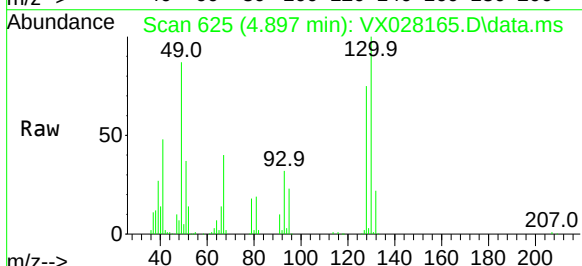
Tgt Ion: 49 Resp: 123711

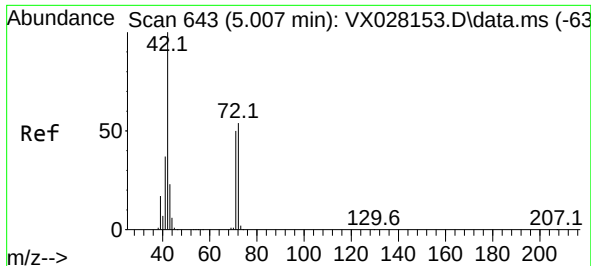
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.4

130 112.2 70.7 106.1#





#29

Tetrahydrofuran

Concen: 190.191 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX028165.D

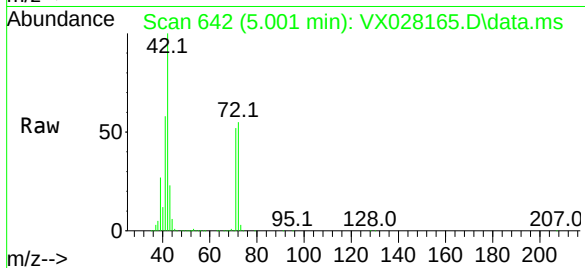
Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC



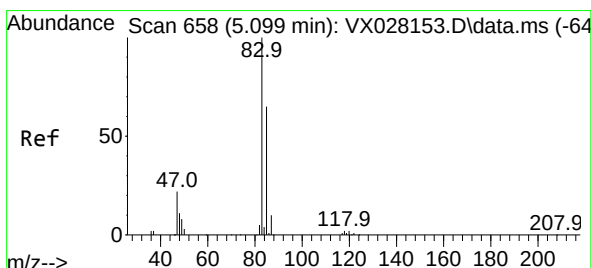
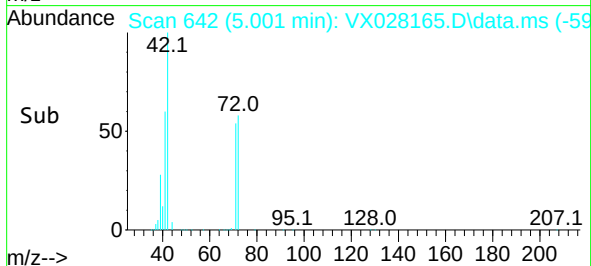
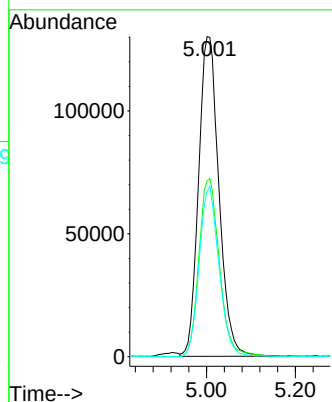
Tgt Ion: 42 Resp: 414319

Ion Ratio Lower Upper

42 100

72 56.2 44.1 66.1

71 51.8 40.5 60.7



#30

Chloroform

Concen: 40.432 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.000 min

Lab File: VX028165.D

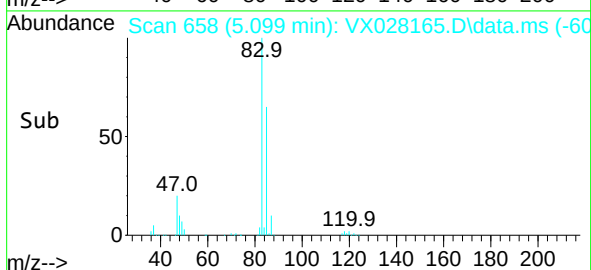
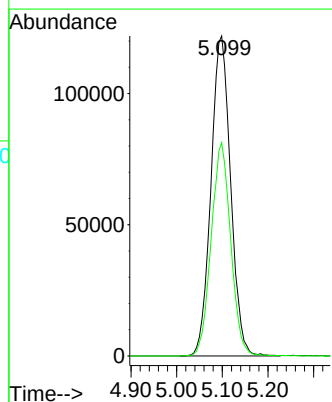
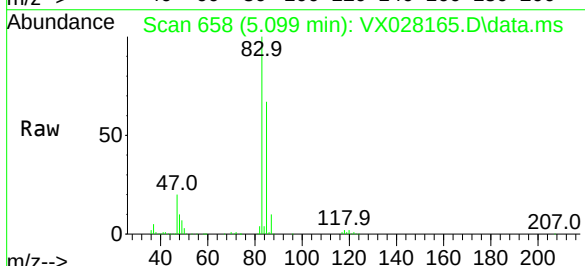
Acq: 19 Apr 2022 17:19

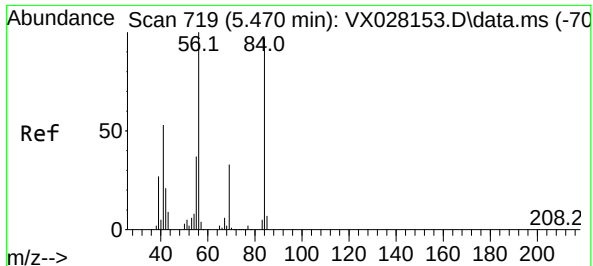
Tgt Ion: 83 Resp: 364336

Ion Ratio Lower Upper

83 100

85 66.6 52.7 79.1

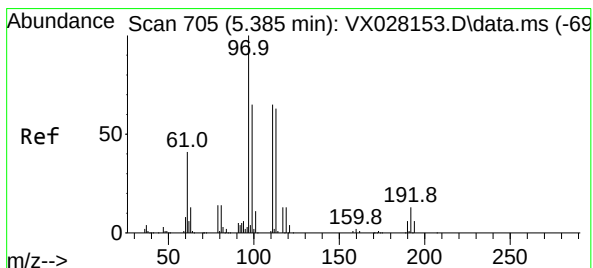
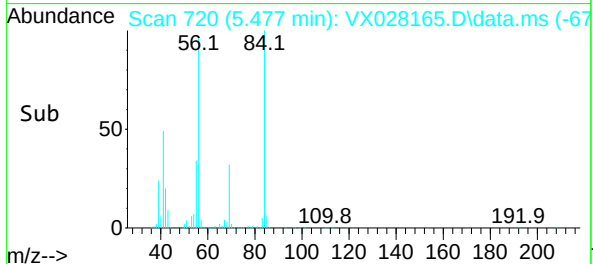
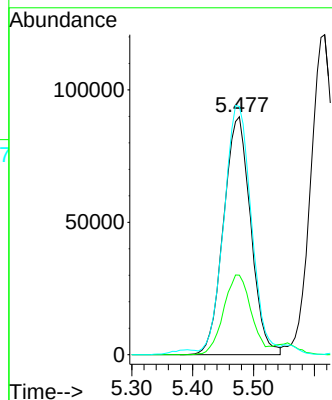
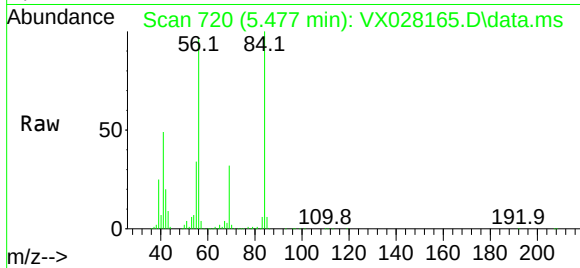




#31  
Cyclohexane  
Concen: 40.519 ug/l  
RT: 5.477 min Scan# 719  
Delta R.T. 0.007 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

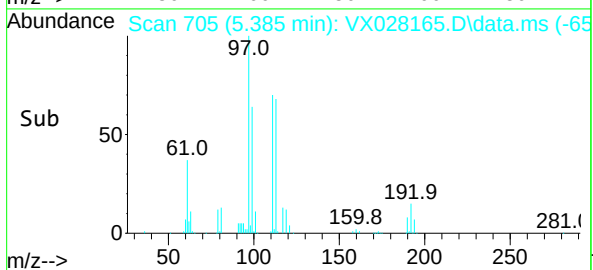
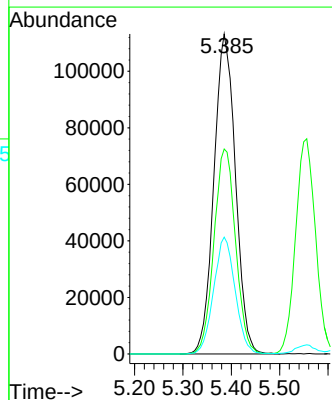
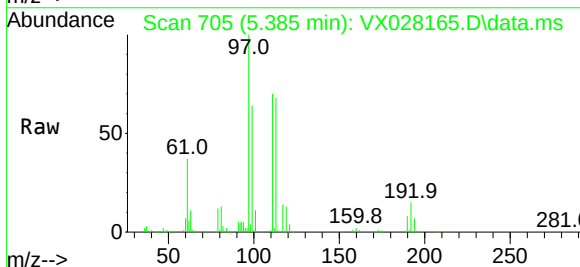
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

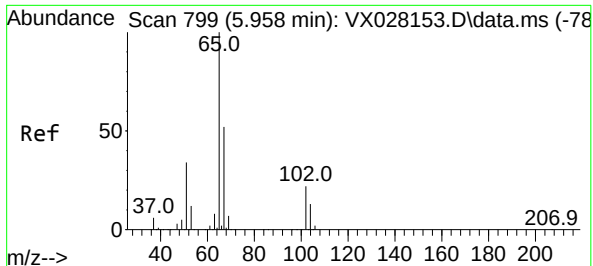
Tgt Ion: 56 Resp: 278486  
Ion Ratio Lower Upper  
56 100  
69 33.4 26.7 40.1  
84 102.5 77.2 115.8



#32  
1,1,1-Trichloroethane  
Concen: 42.905 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 97 Resp: 350093  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.8 77.6  
61 36.5 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 41.848 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

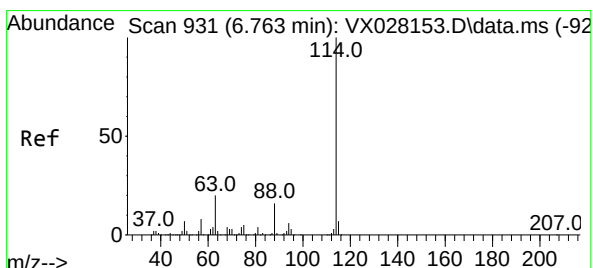
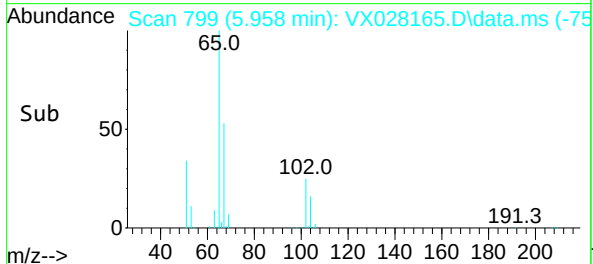
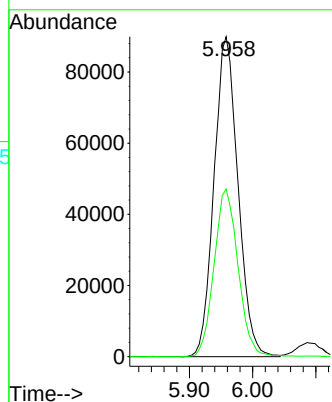
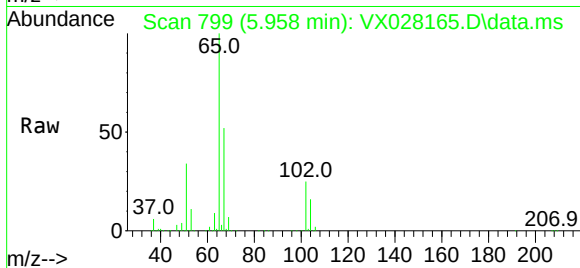
VSTDCCC050EC

Tgt Ion: 65 Resp: 236074

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

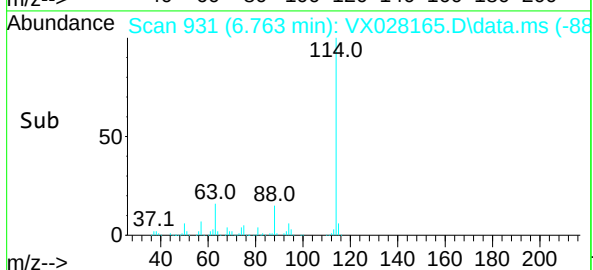
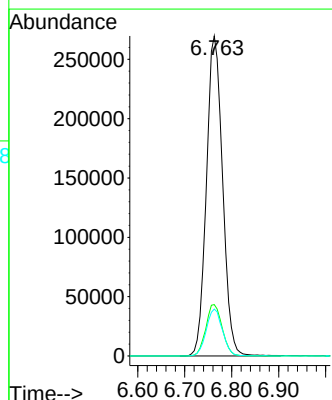
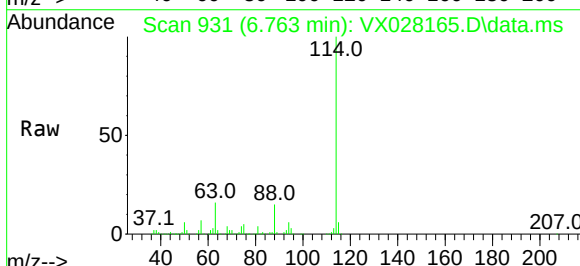
Tgt Ion: 114 Resp: 643119

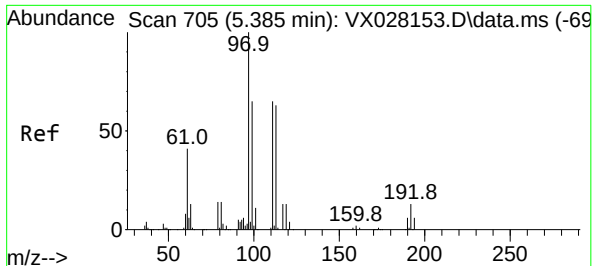
Ion Ratio Lower Upper

114 100

63 16.1 0.0 36.8

88 14.7 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

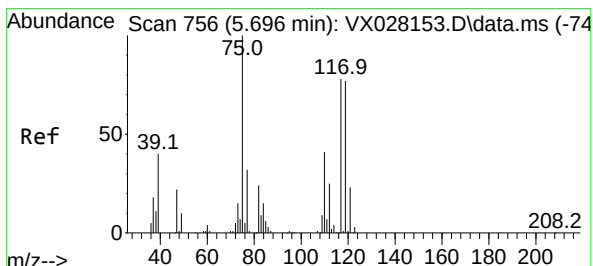
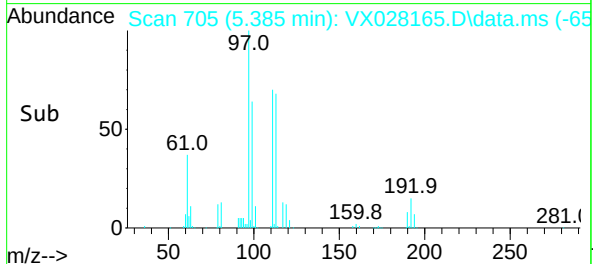
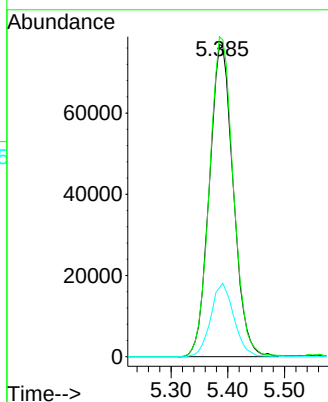
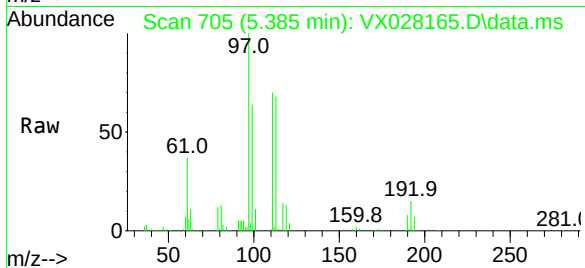
Tgt Ion:113 Resp: 225556

Ion Ratio Lower Upper

113 100

111 102.3 82.8 124.2

192 22.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 44.540 ug/l

RT: 5.696 min Scan# 756

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

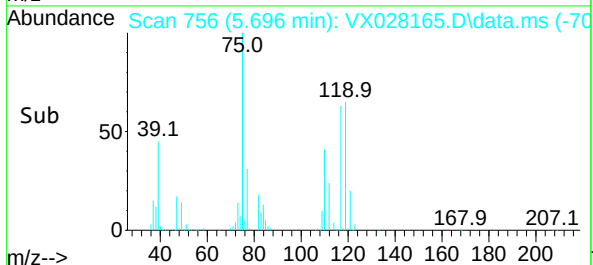
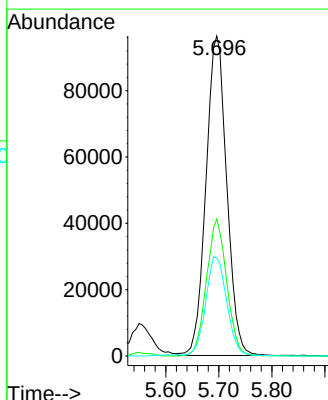
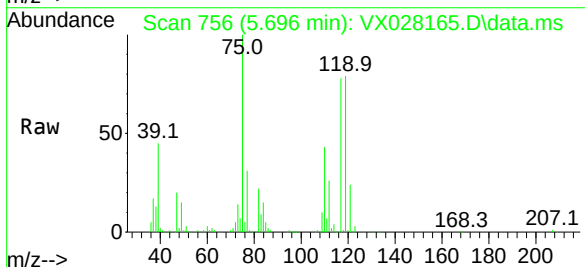
Tgt Ion: 75 Resp: 262029

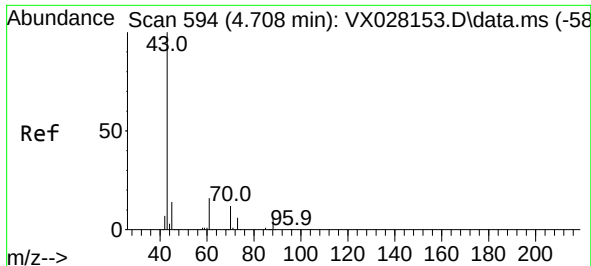
Ion Ratio Lower Upper

75 100

110 41.8 18.3 54.8

77 31.6 24.8 37.2





#37

Ethyl Acetate

Concen: 42.985 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

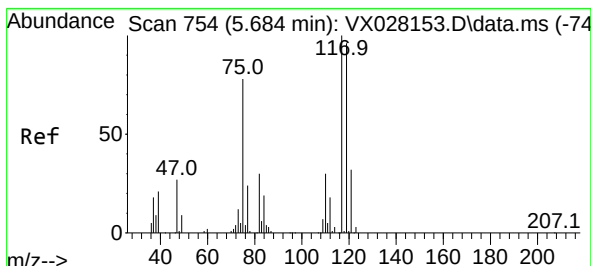
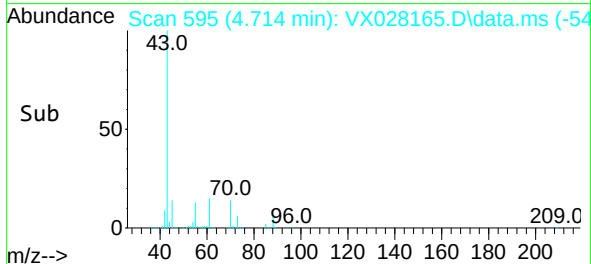
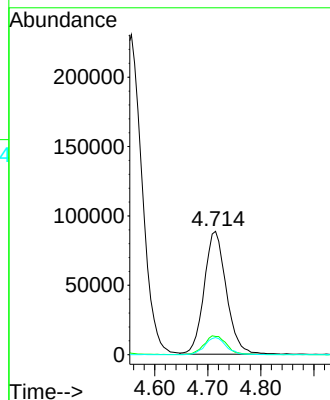
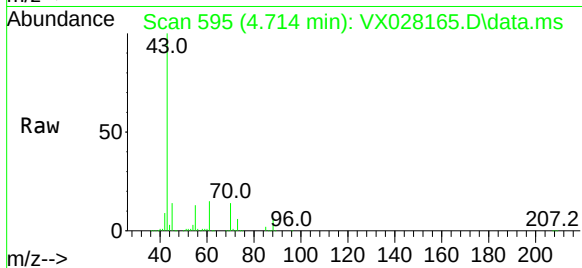
Tgt Ion: 43 Resp: 256598

Ion Ratio Lower Upper

43 100

61 15.4 12.6 19.0

70 13.4 10.2 15.2



#38

Carbon Tetrachloride

Concen: 47.523 ug/l

RT: 5.684 min Scan# 754

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

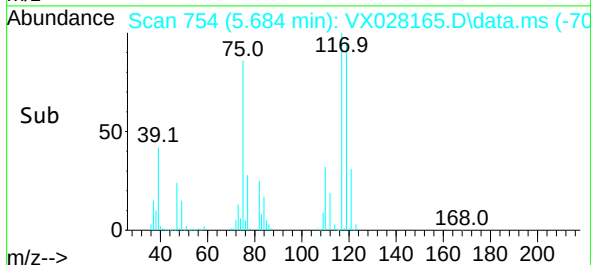
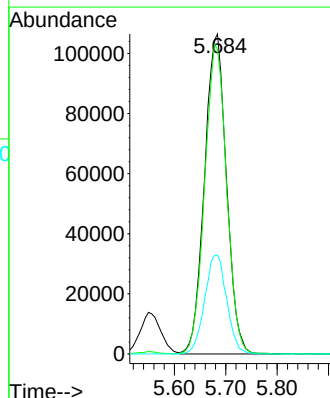
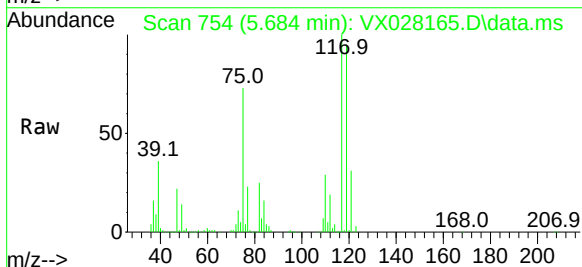
Tgt Ion: 117 Resp: 315618

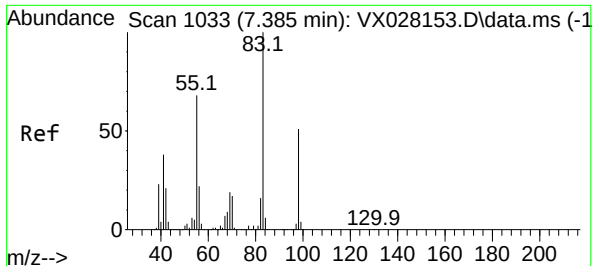
Ion Ratio Lower Upper

117 100

119 95.3 77.3 115.9

121 31.0 24.2 36.2

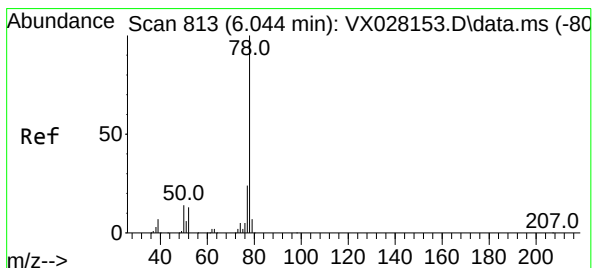
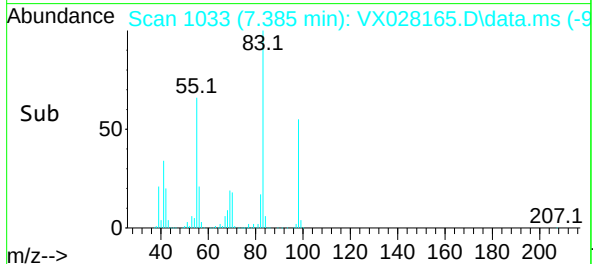
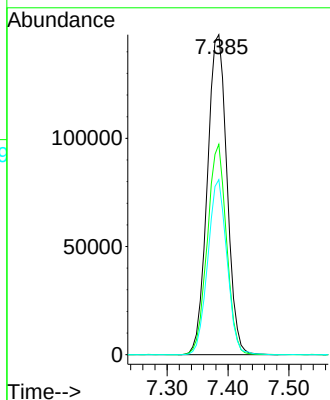
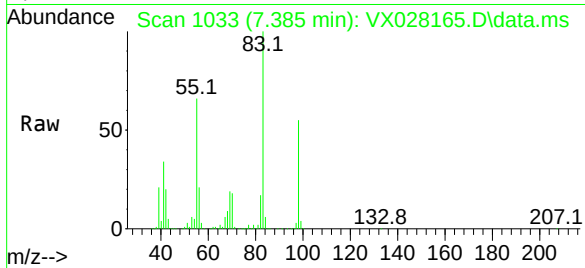




#39  
Methylcyclohexane  
Concen: 44.625 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

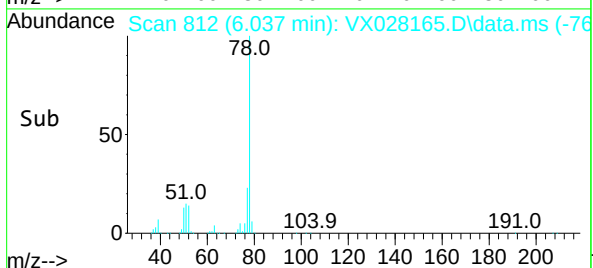
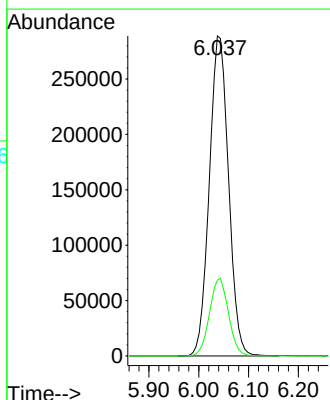
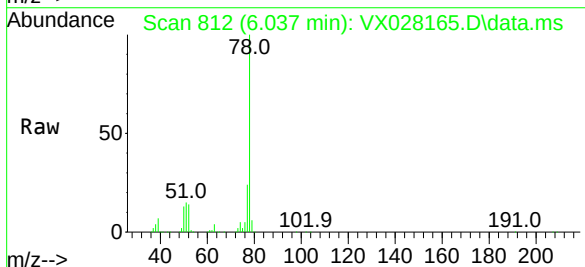
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 83 Resp: 331254  
Ion Ratio Lower Upper  
83 100  
55 65.7 54.6 81.8  
98 54.7 37.4 56.2

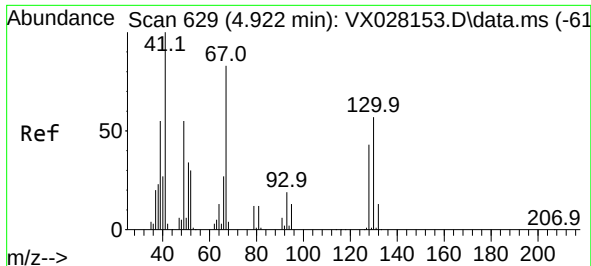


#40  
Benzene  
Concen: 44.948 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.007 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 78 Resp: 774047  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.3 28.9



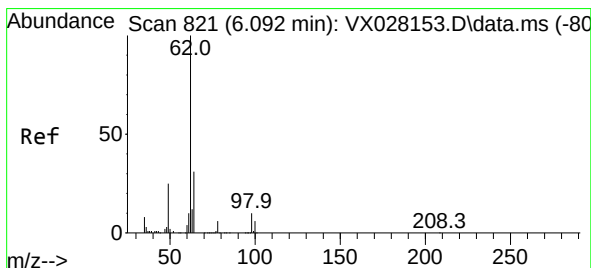
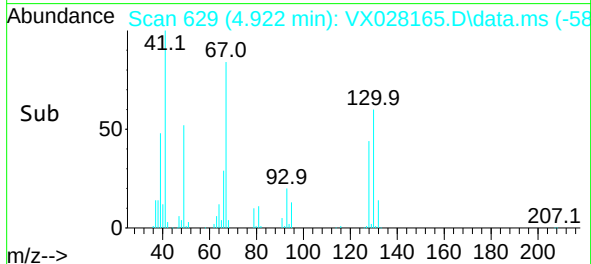
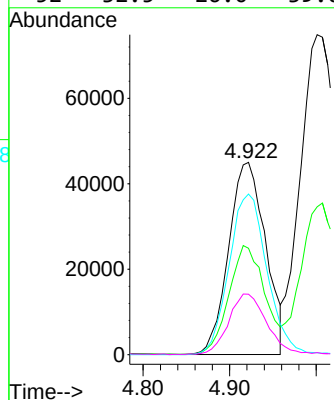
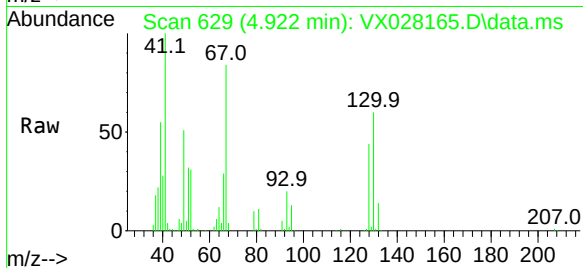




#41  
Methacrylonitrile  
Concen: 43.206 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

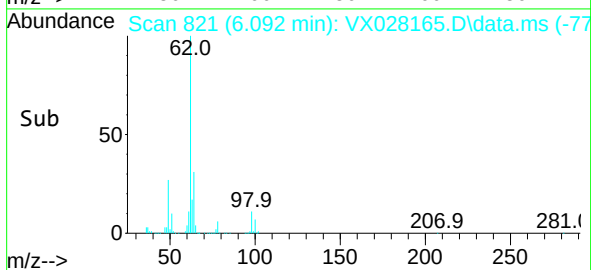
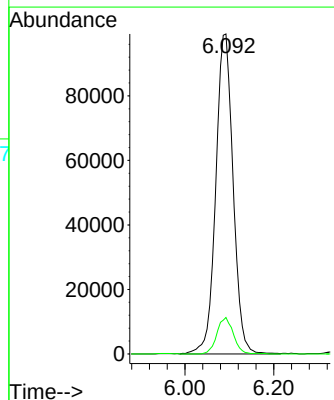
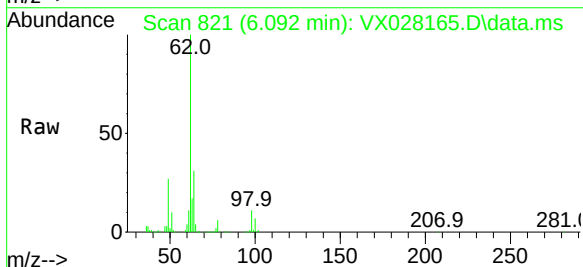
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

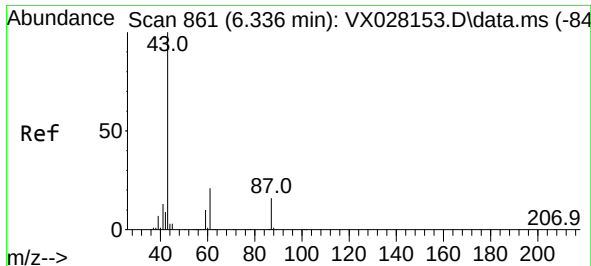
Tgt Ion: 41 Resp: 133067  
Ion Ratio Lower Upper  
41 100  
39 55.0 43.0 64.4  
67 86.6 70.2 105.4  
52 32.5 26.0 39.0



#42  
1,2-Dichloroethane  
Concen: 41.926 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 62 Resp: 268013  
Ion Ratio Lower Upper  
62 100  
98 10.7 0.0 20.4

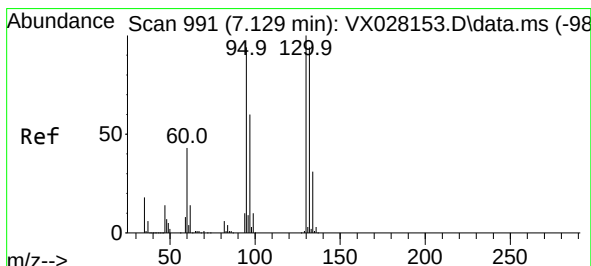
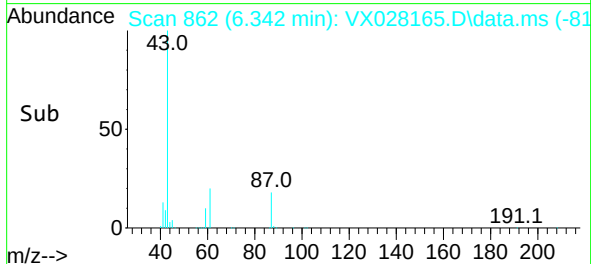
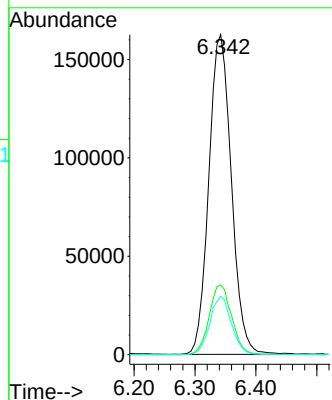
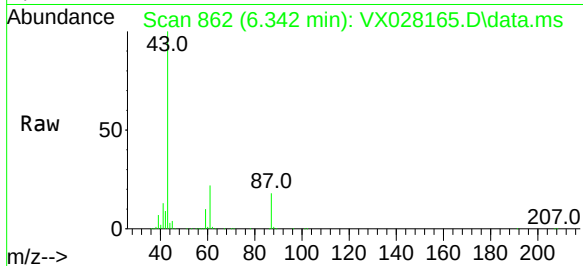




#43  
Isopropyl Acetate  
Concen: 42.919 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

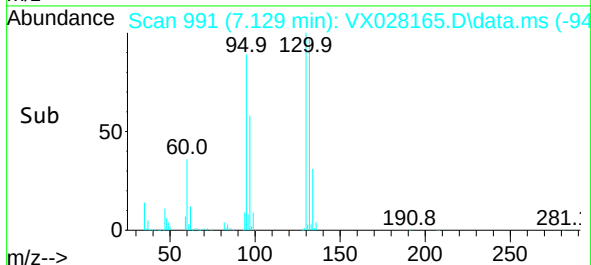
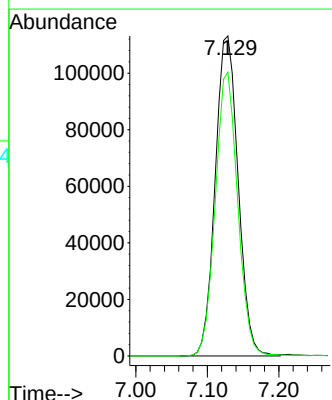
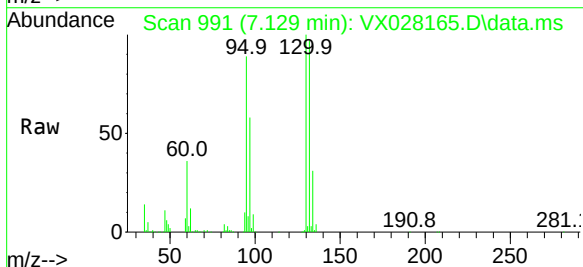
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

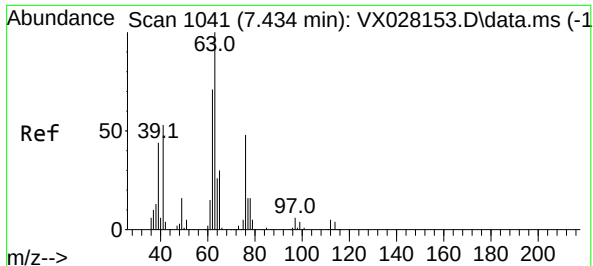
Tgt Ion: 43 Resp: 416974  
Ion Ratio Lower Upper  
43 100  
61 21.8 18.5 27.7  
87 17.5 13.0 19.6



#44  
Trichloroethene  
Concen: 50.484 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:130 Resp: 252113  
Ion Ratio Lower Upper  
130 100  
95 88.7 0.0 188.8





#45

1,2-Dichloropropane

Concen: 43.248 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

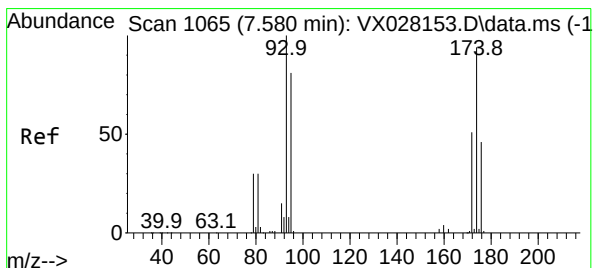
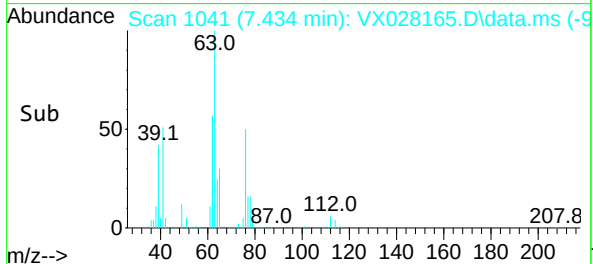
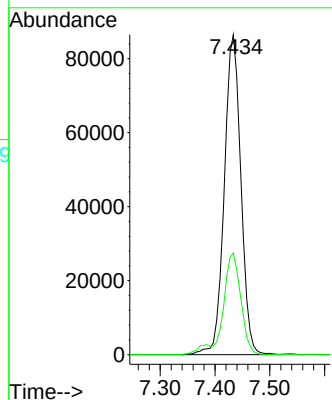
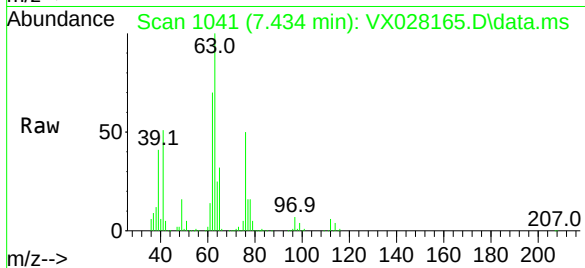
VSTDCCC050EC

Tgt Ion: 63 Resp: 182303

Ion Ratio Lower Upper

63 100

65 31.7 25.8 38.6



#46

Dibromomethane

Concen: 44.795 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

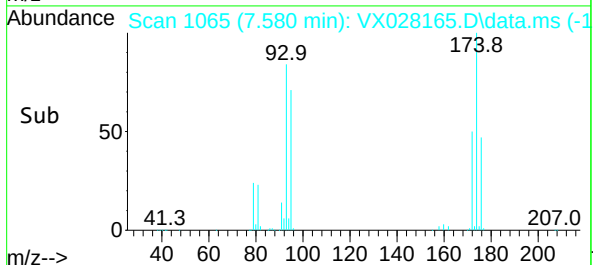
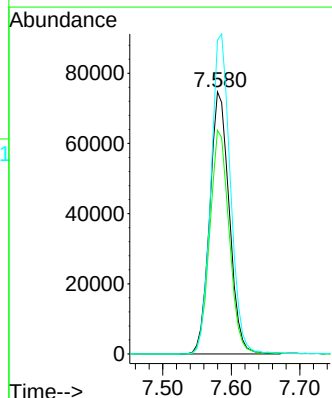
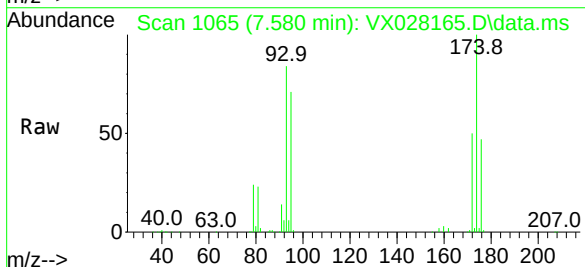
Tgt Ion: 93 Resp: 148120

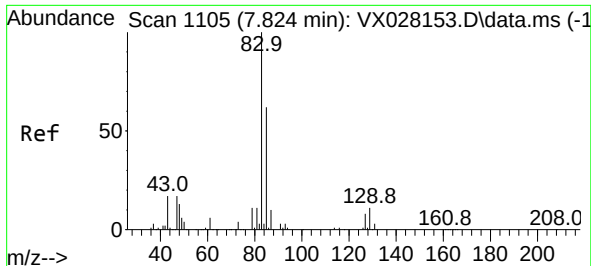
Ion Ratio Lower Upper

93 100

95 84.6 65.8 98.6

174 121.1 85.4 128.2

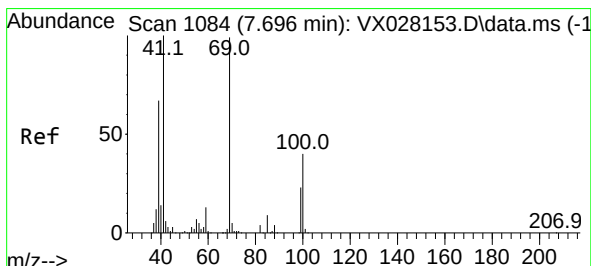
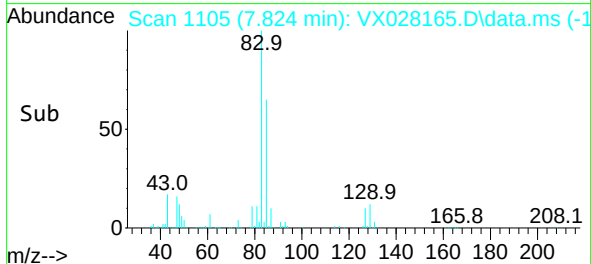
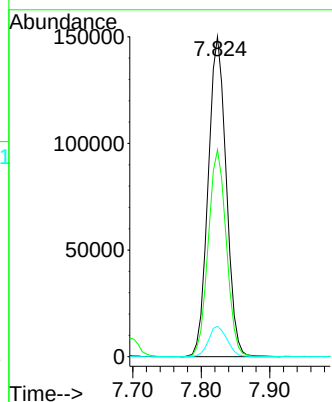
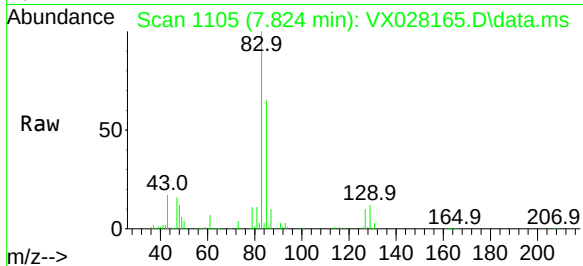




#47  
 Bromodichloromethane  
 Concen: 43.277 ug/l  
 RT: 7.824 min Scan# 1105  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

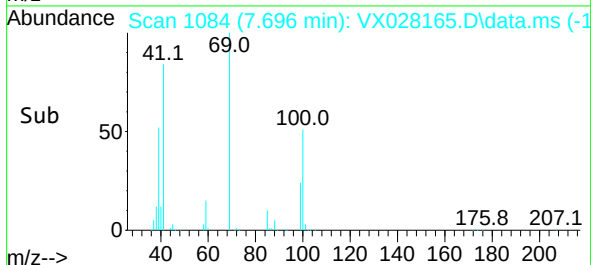
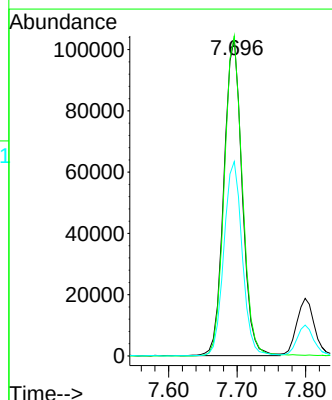
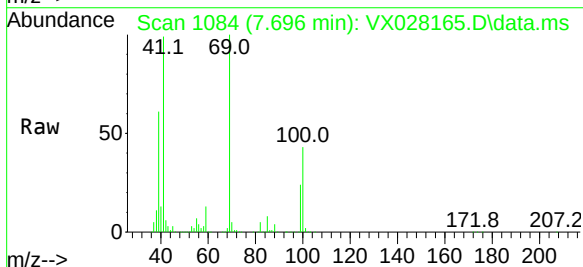
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

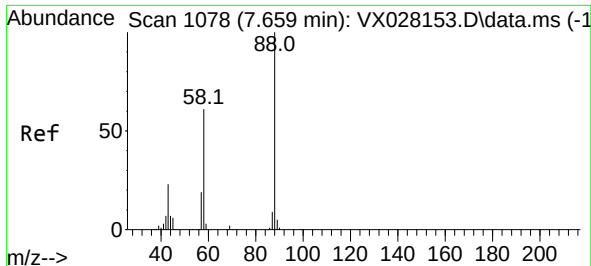
Tgt Ion: 83 Resp: 275037  
 Ion Ratio Lower Upper  
 83 100  
 85 64.6 52.2 78.2  
 127 9.5 6.8 10.2



#48  
 Methyl methacrylate  
 Concen: 42.672 ug/l  
 RT: 7.696 min Scan# 1084  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Tgt Ion: 41 Resp: 190338  
 Ion Ratio Lower Upper  
 41 100  
 69 100.1 82.5 123.7  
 39 61.9 43.8 65.8





#49

1,4-Dioxane

Concen: 821.428 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

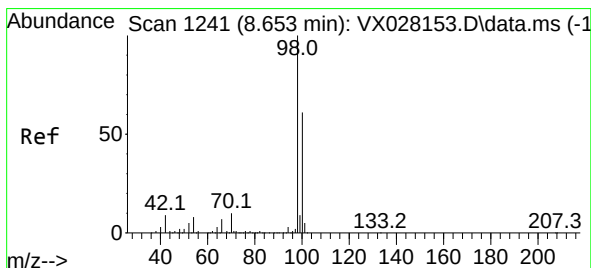
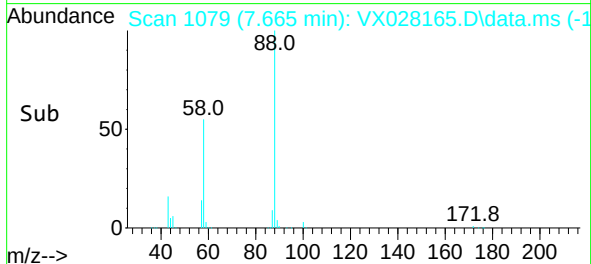
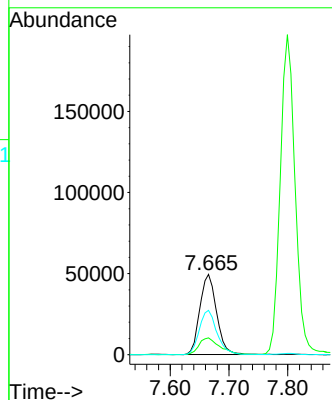
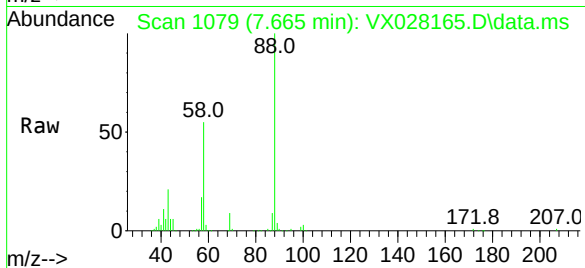
Tgt Ion: 88 Resp: 98017

Ion Ratio Lower Upper

88 100

43 26.3 21.9 32.9

58 58.3 53.7 80.5



#50

Toluene-d8

Concen: 46.834 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028165.D

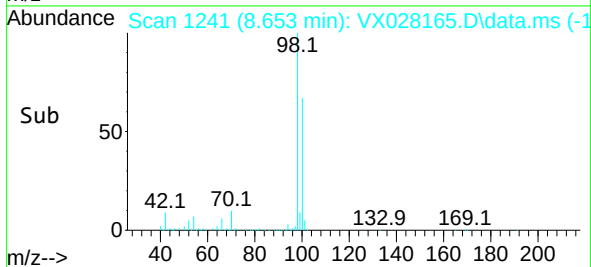
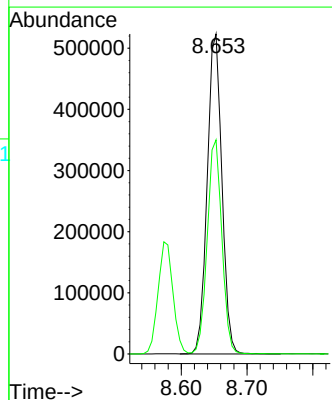
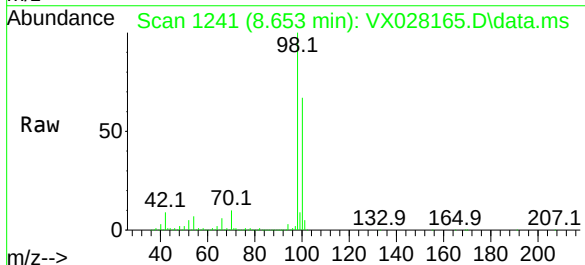
Acq: 19 Apr 2022 17:19

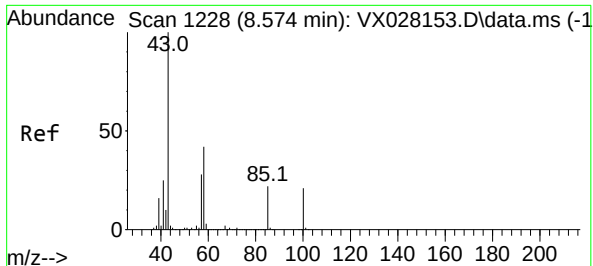
Tgt Ion: 98 Resp: 811291

Ion Ratio Lower Upper

98 100

100 66.5 52.6 78.8

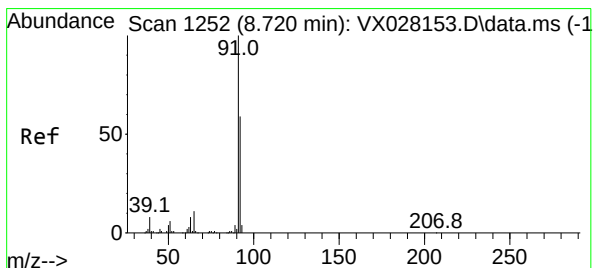
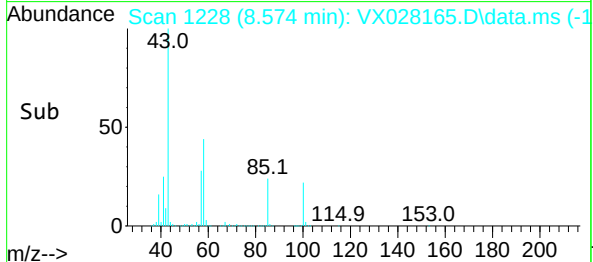
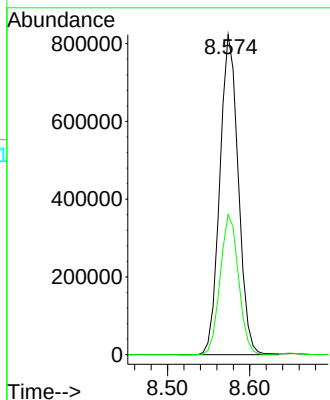
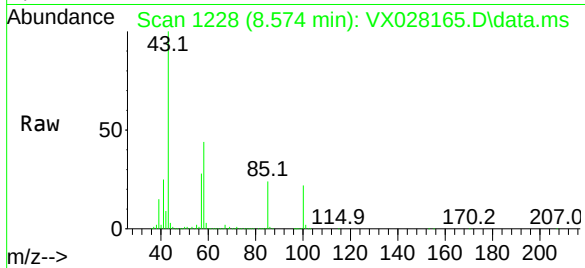




#51  
4-Methyl-2-Pentanone  
Concen: 205.902 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

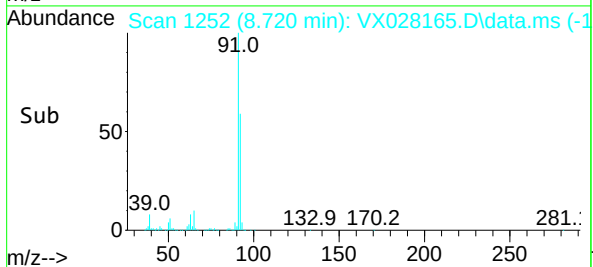
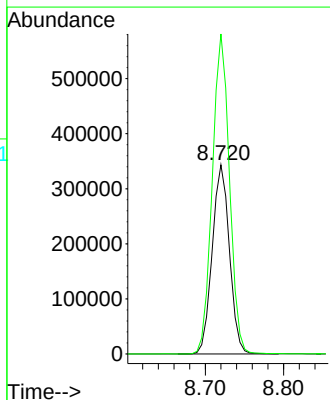
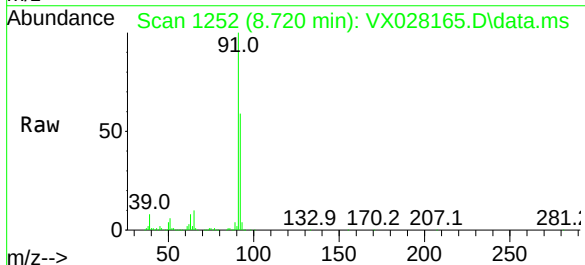
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

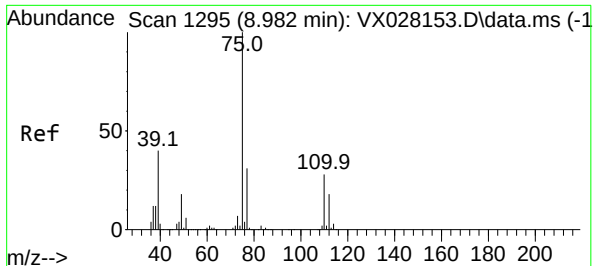
Tgt Ion: 43 Resp: 1283685  
Ion Ratio Lower Upper  
43 100  
58 43.6 36.1 54.1



#52  
Toluene  
Concen: 43.882 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 92 Resp: 525016  
Ion Ratio Lower Upper  
92 100  
91 168.4 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 45.290 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

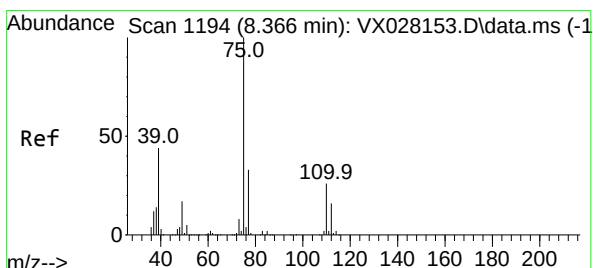
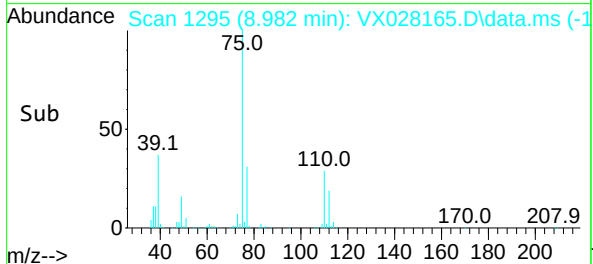
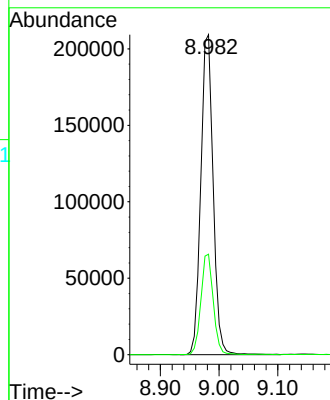
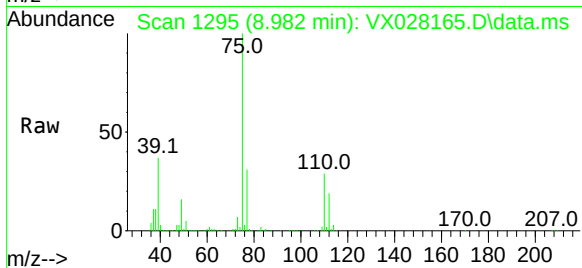
VSTDCCC050EC

Tgt Ion: 75 Resp: 305901

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 44.587 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

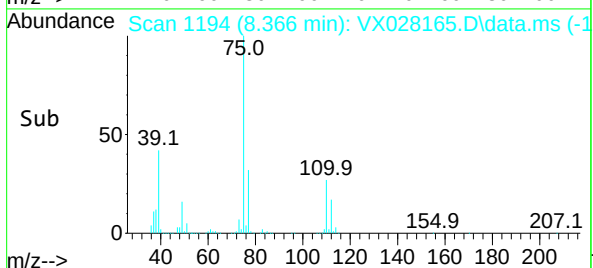
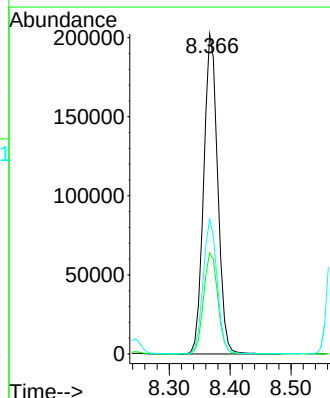
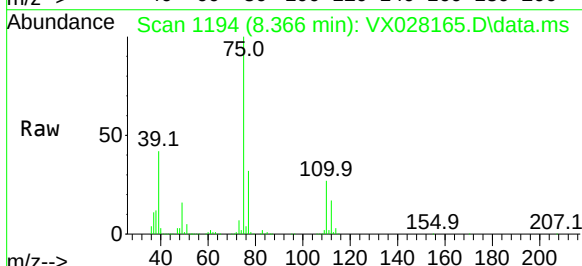
Tgt Ion: 75 Resp: 323389

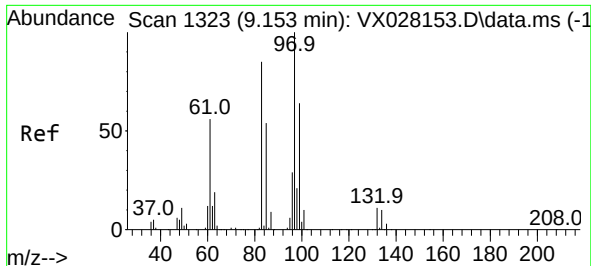
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 42.1 29.6 44.4



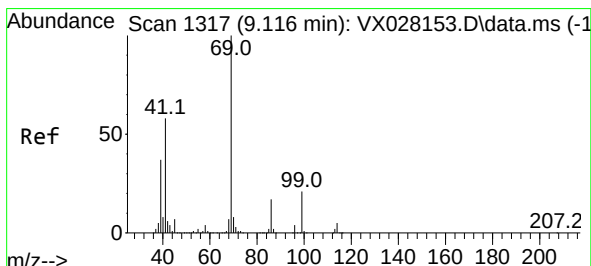
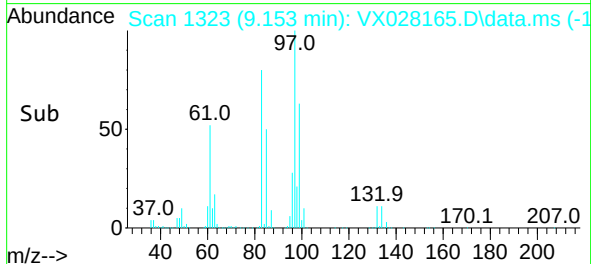
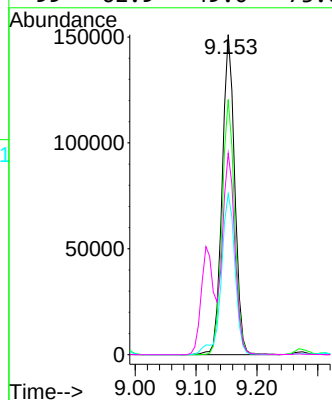
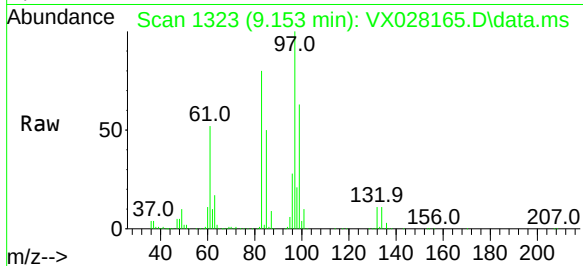


#55  
 1,1,2-Trichloroethane  
 Concen: 44.731 ug/l  
 RT: 9.153 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tgt Ion: 97 Resp: 217439

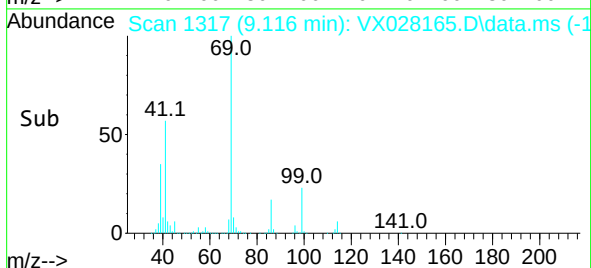
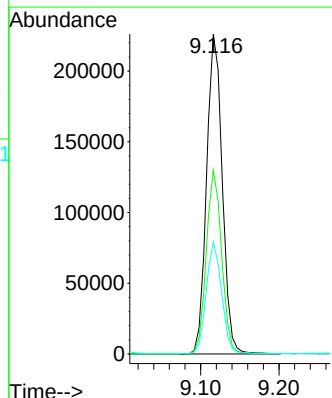
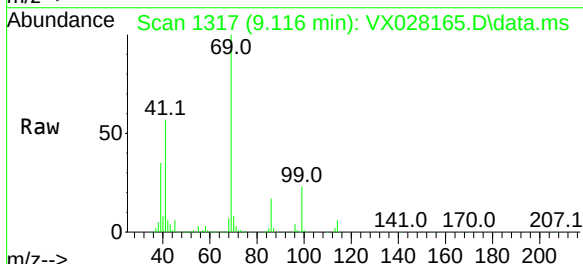
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 79.7  | 66.2  | 99.4  |
| 85  | 50.3  | 42.9  | 64.3  |
| 99  | 62.9  | 49.0  | 73.6  |



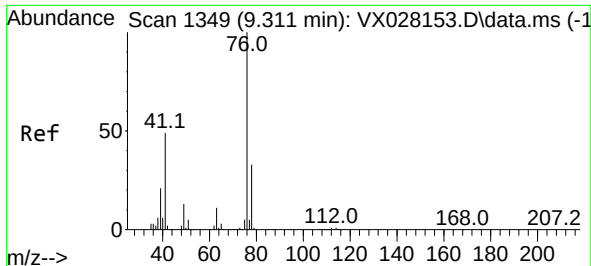
#56  
 Ethyl methacrylate  
 Concen: 44.558 ug/l  
 RT: 9.116 min Scan# 1317  
 Delta R.T. 0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Tgt Ion: 69 Resp: 313977

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 56.0  | 43.8  | 65.6  |
| 39  | 34.6  | 22.2  | 33.2  |







#57

1,3-Dichloropropane

Concen: 43.092 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

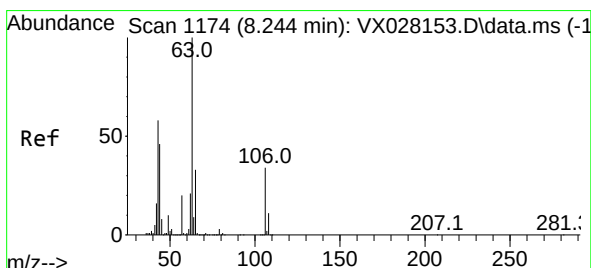
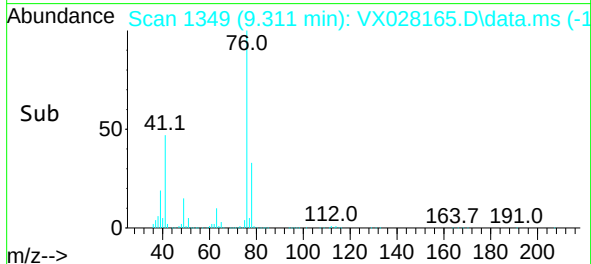
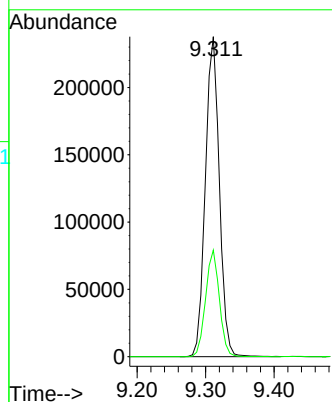
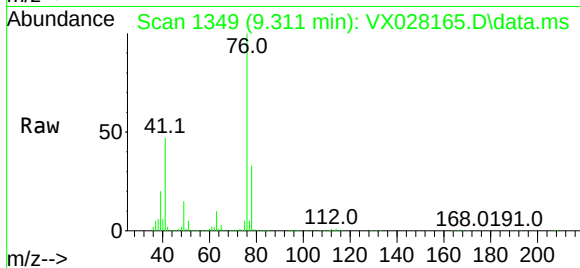
VSTDCCC050EC

Tgt Ion: 76 Resp: 338098

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 236.699 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028165.D

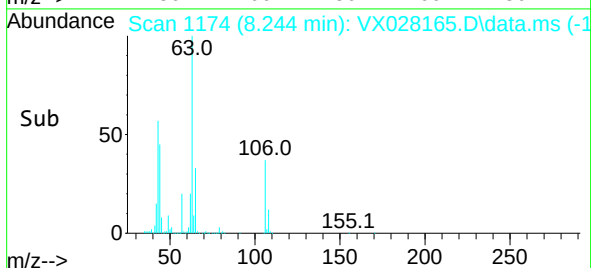
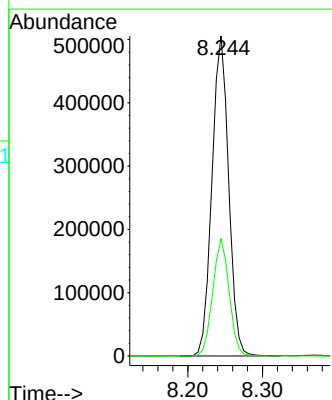
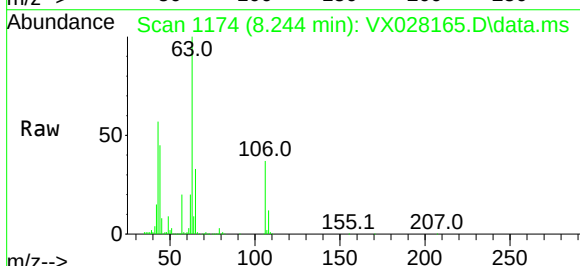
Acq: 19 Apr 2022 17:19

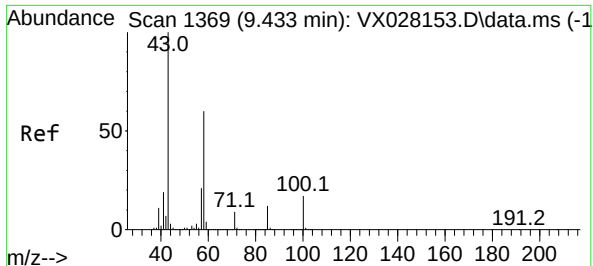
Tgt Ion: 63 Resp: 782562

Ion Ratio Lower Upper

63 100

106 36.0 23.9 35.9#





#59

2-Hexanone

Concen: 208.273 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

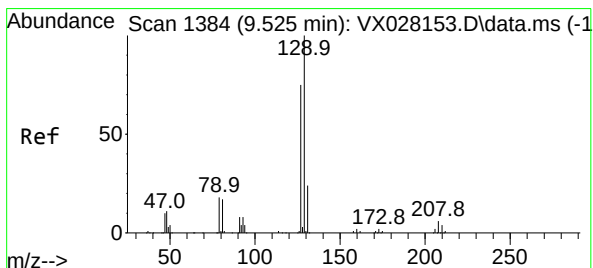
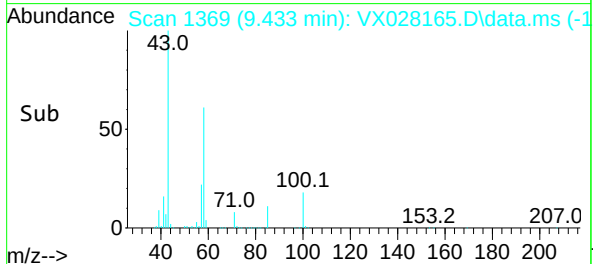
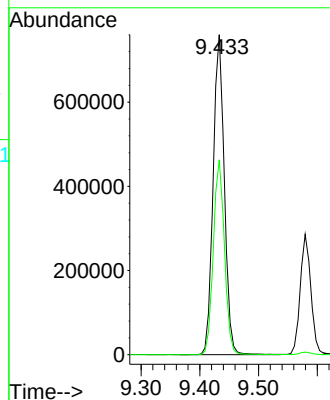
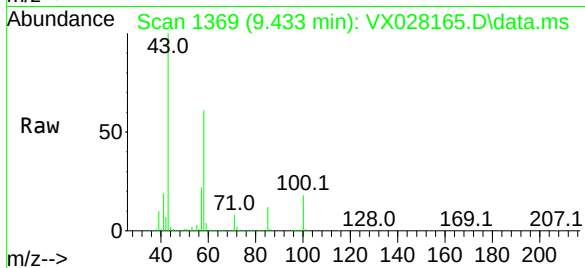
VSTDCCC050EC

Tgt Ion: 43 Resp: 1005813

Ion Ratio Lower Upper

43 100

58 60.7 31.9 95.7



#60

Dibromochloromethane

Concen: 45.599 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028165.D

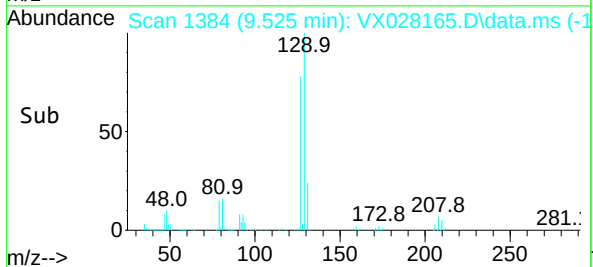
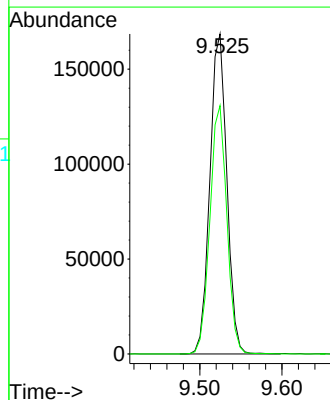
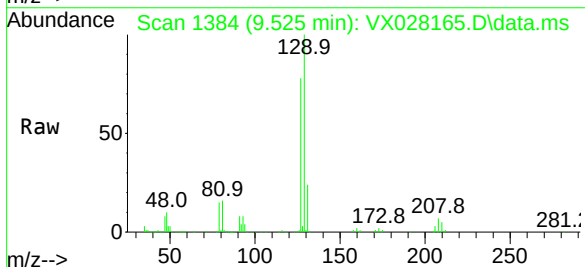
Acq: 19 Apr 2022 17:19

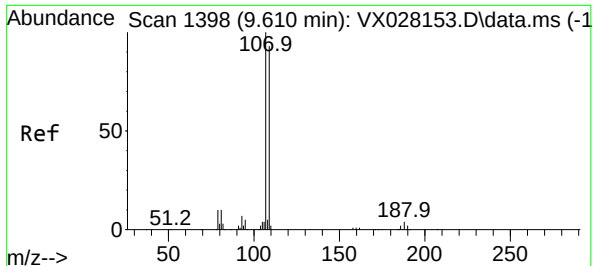
Tgt Ion: 129 Resp: 241644

Ion Ratio Lower Upper

129 100

127 77.7 40.3 120.8

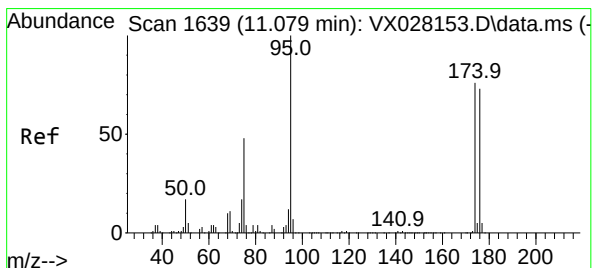
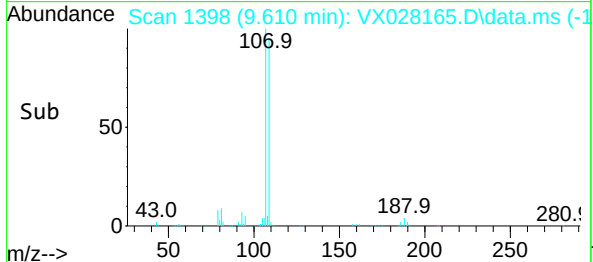
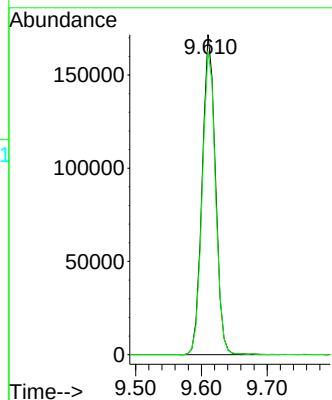
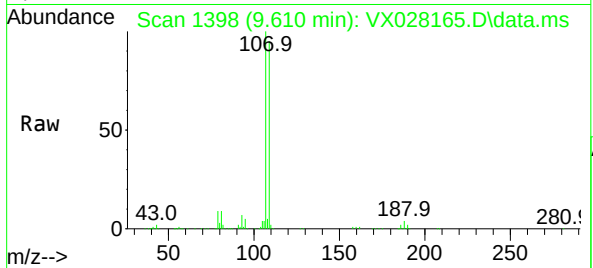




#61  
1,2-Dibromoethane  
Concen: 45.091 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

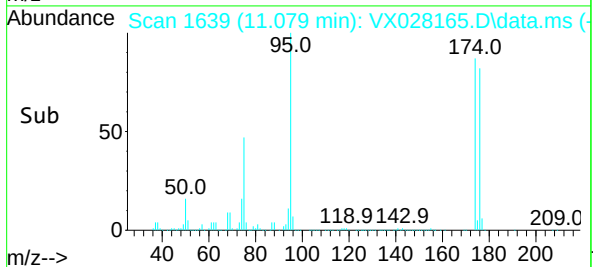
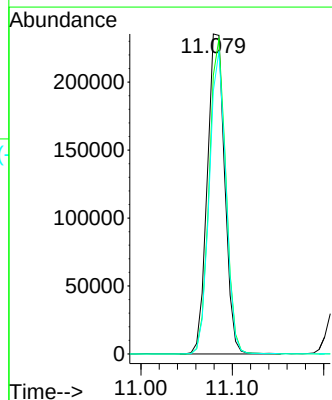
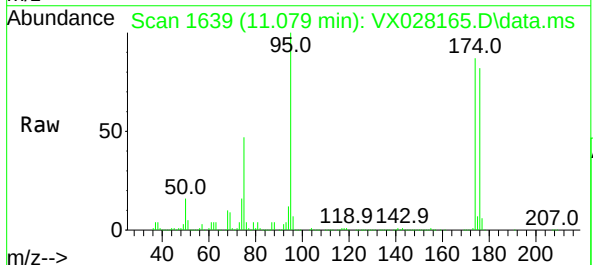
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

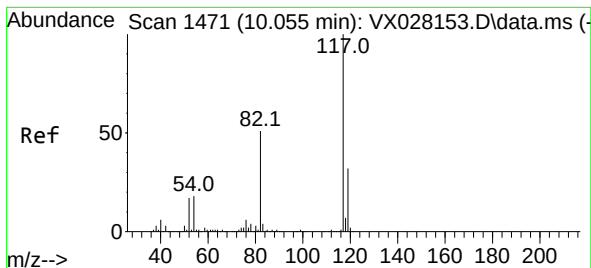
Tgt Ion:107 Resp: 240466  
Ion Ratio Lower Upper  
107 100  
109 95.3 74.4 111.6



#62  
4-Bromofluorobenzene  
Concen: 46.988 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 95 Resp: 311219  
Ion Ratio Lower Upper  
95 100  
174 94.2 0.0 163.0  
176 90.0 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

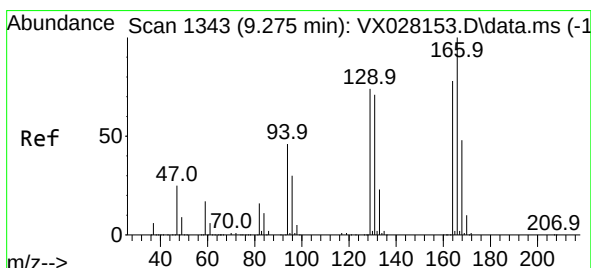
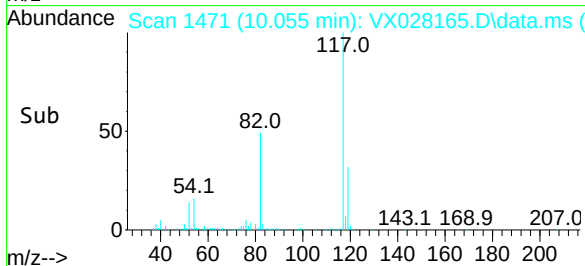
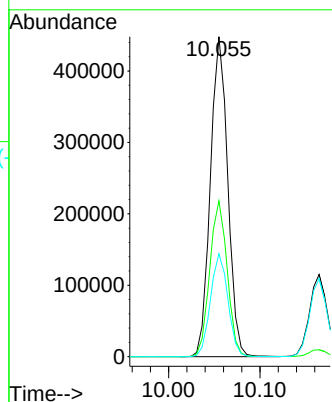
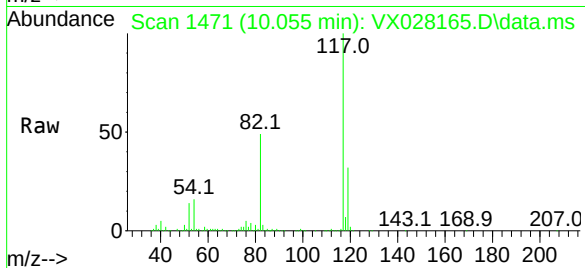
Tgt Ion:117 Resp: 590825

Ion Ratio Lower Upper

117 100

82 48.7 41.8 62.8

119 32.2 24.8 37.2



#64

Tetrachloroethene

Concen: 51.649 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Tgt Ion:164 Resp: 238356

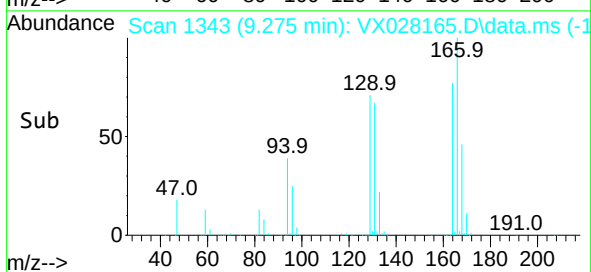
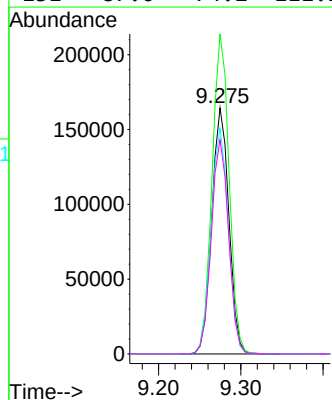
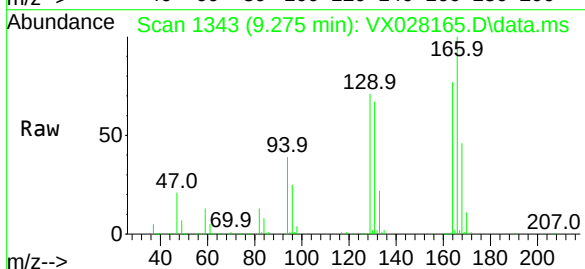
Ion Ratio Lower Upper

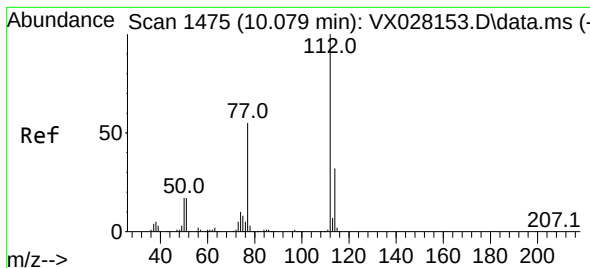
164 100

166 130.0 101.2 151.8

129 91.7 73.0 109.4

131 87.0 74.2 111.2





#65

Chlorobenzene

Concen: 47.996 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

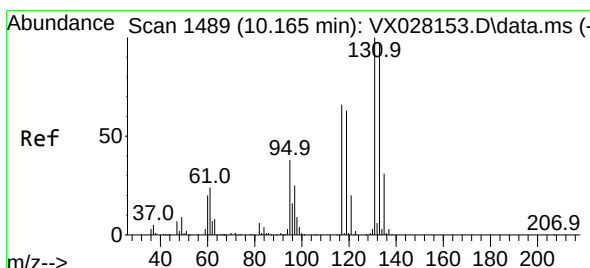
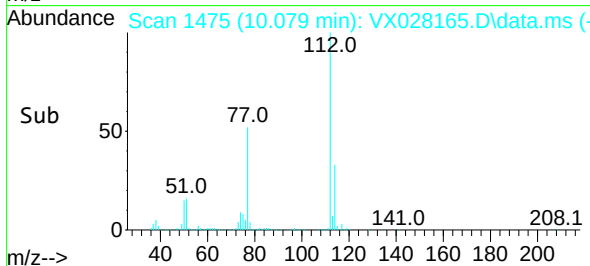
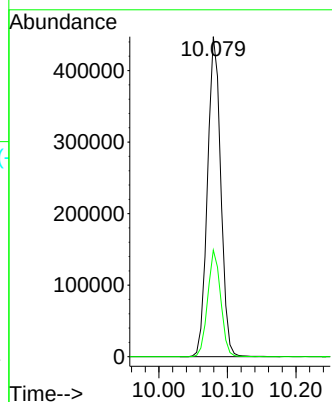
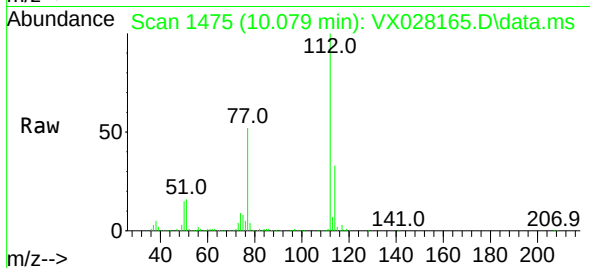
VSTDCCC050EC

Tgt Ion:112 Resp: 604596

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 49.340 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

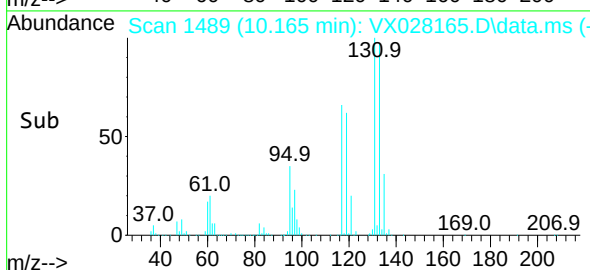
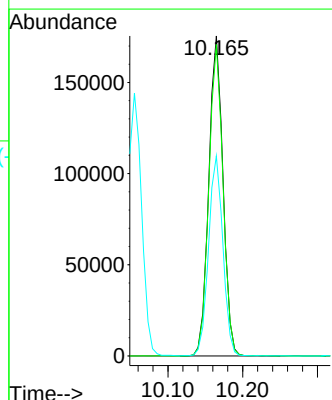
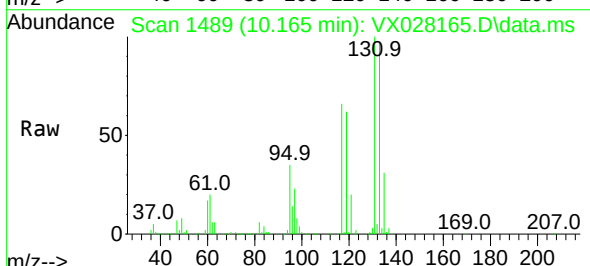
Tgt Ion:131 Resp: 231528

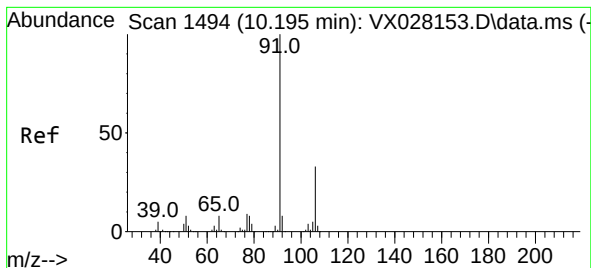
Ion Ratio Lower Upper

131 100

133 97.0 48.3 144.8

119 63.1 32.6 98.0

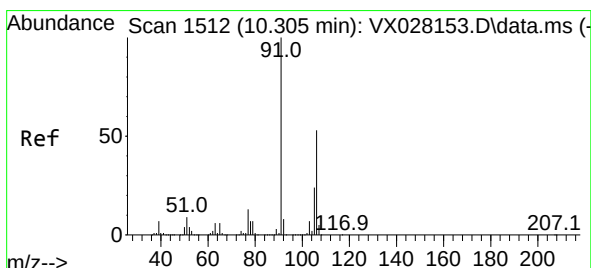
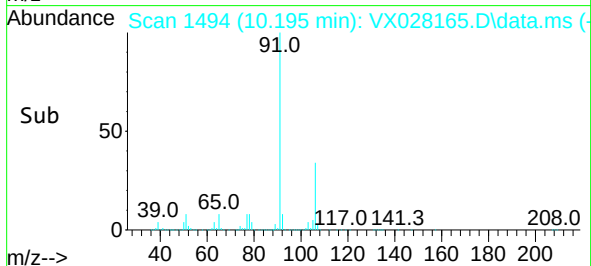
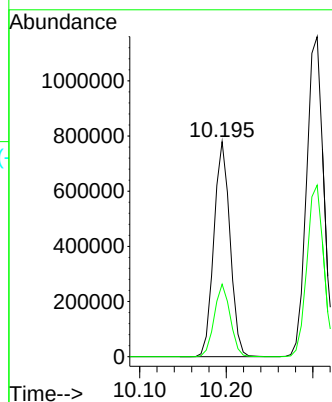
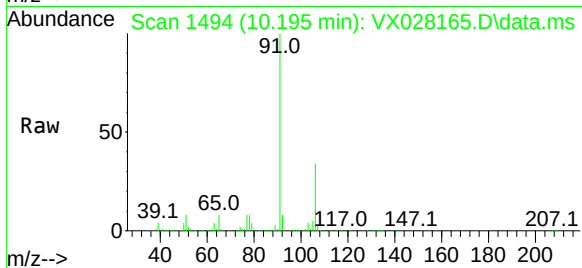




#67  
Ethyl Benzene  
Concen: 47.801 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

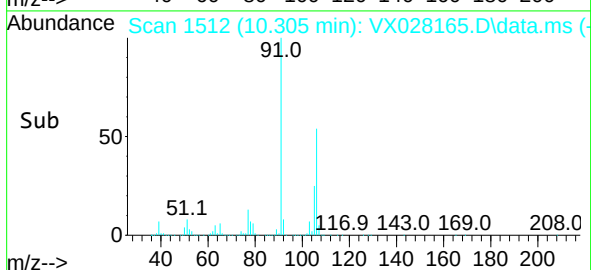
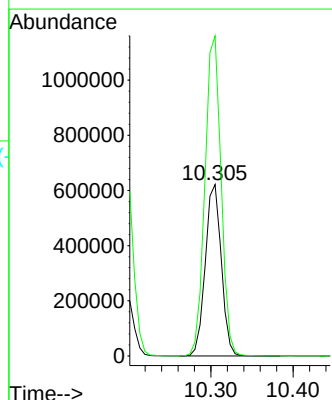
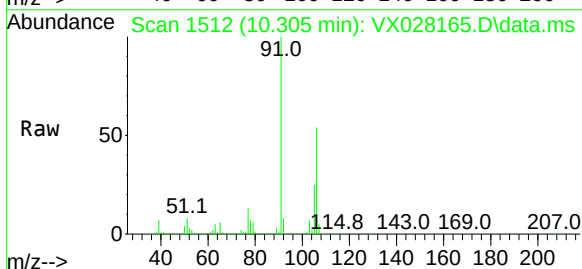
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

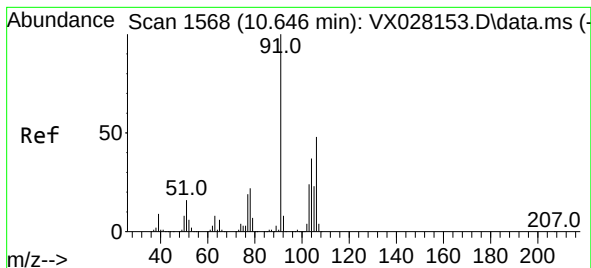
Tgt Ion: 91 Resp: 1009686  
Ion Ratio Lower Upper  
91 100  
106 33.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 97.587 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 106 Resp: 838936  
Ion Ratio Lower Upper  
106 100  
91 188.6 160.4 240.6





#69

o-Xylene

Concen: 48.667 ug/l

RT: 10.646 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

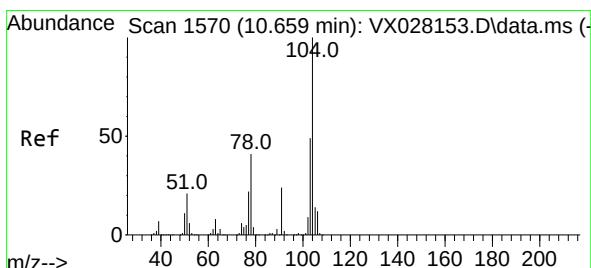
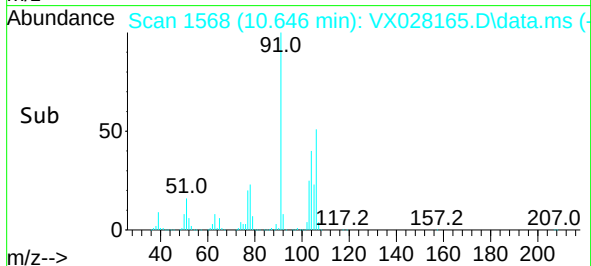
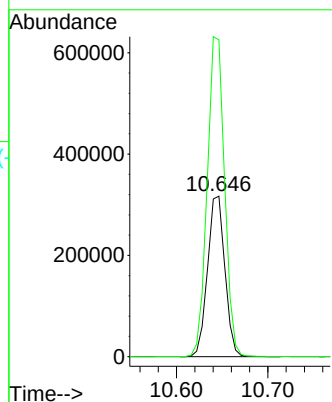
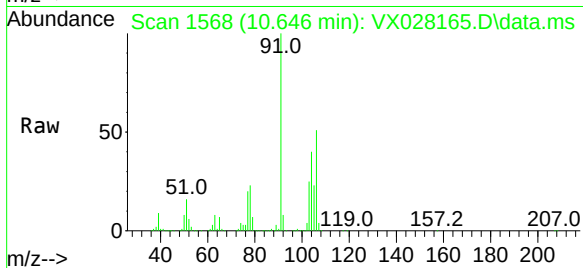
VSTDCCC050EC

Tgt Ion:106 Resp: 417136

Ion Ratio Lower Upper

106 100

91 199.2 106.1 318.1



#70

Styrene

Concen: 49.448 ug/l

RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

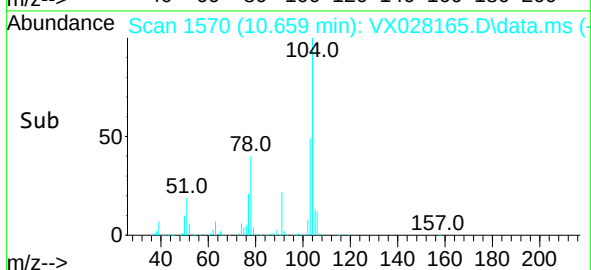
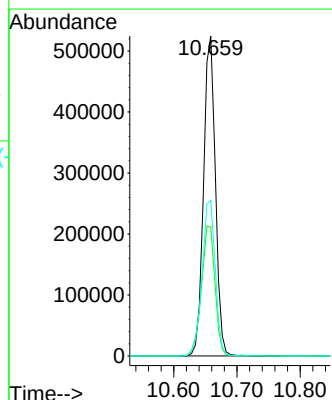
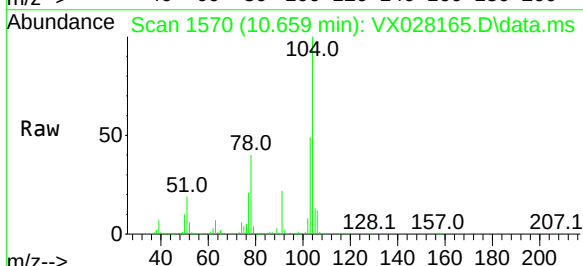
Tgt Ion:104 Resp: 686630

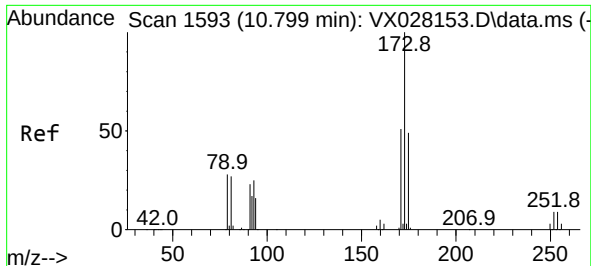
Ion Ratio Lower Upper

104 100

78 46.3 38.6 57.8

103 54.2 43.8 65.8

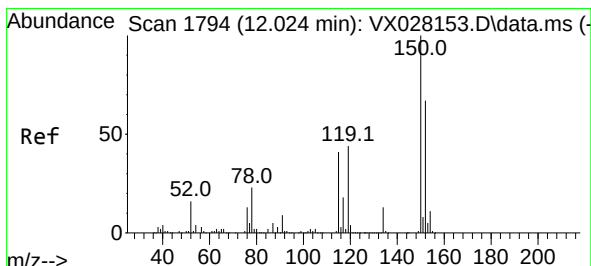
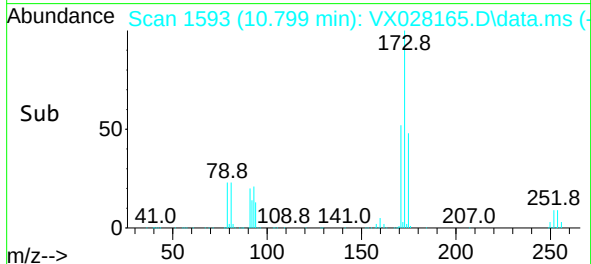
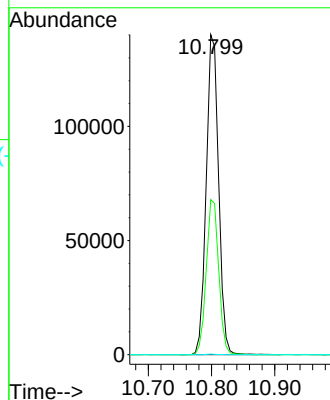
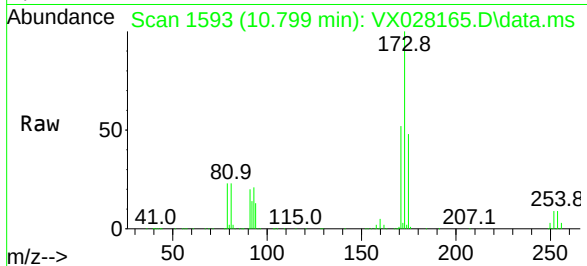




#71  
Bromoform  
Concen: 44.560 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

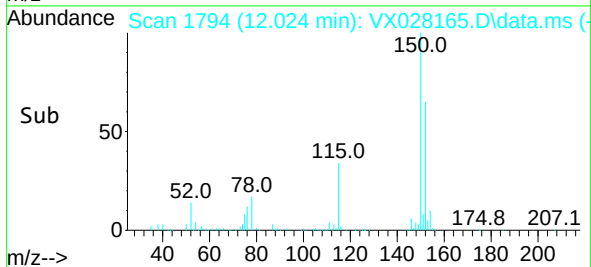
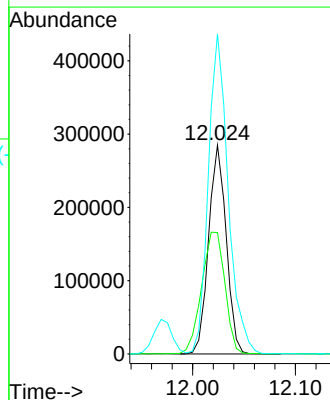
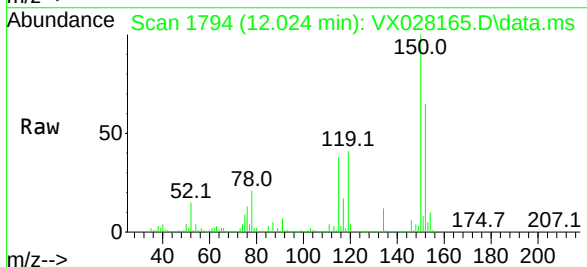
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 191139  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.1 72.2  
254 0.1 0.1 0.1#

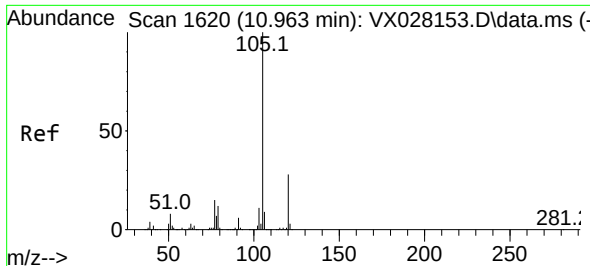


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:152 Resp: 339112  
Ion Ratio Lower Upper  
152 100  
115 77.0 37.5 112.7  
150 173.0 0.0 338.2



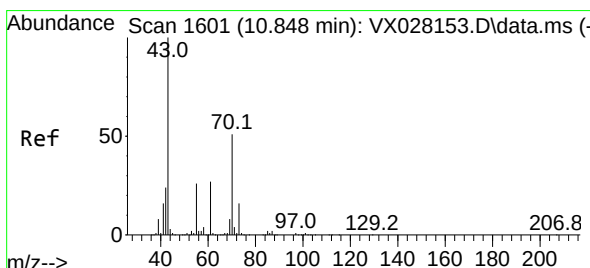
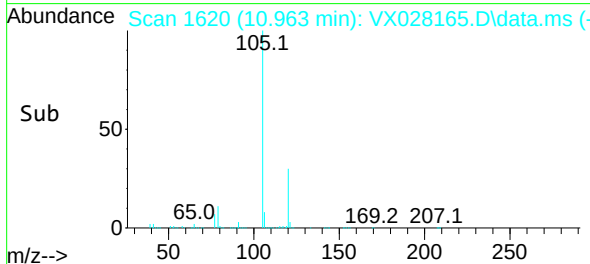
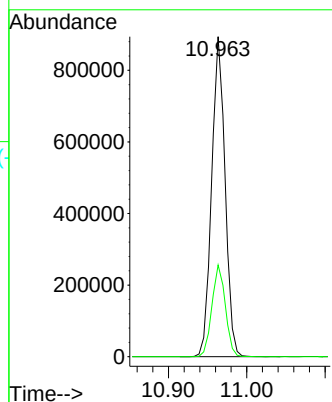
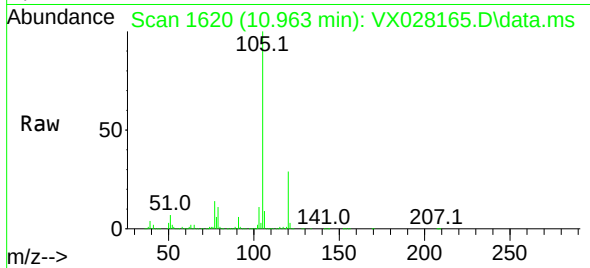




#73  
Isopropylbenzene  
Concen: 45.496 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

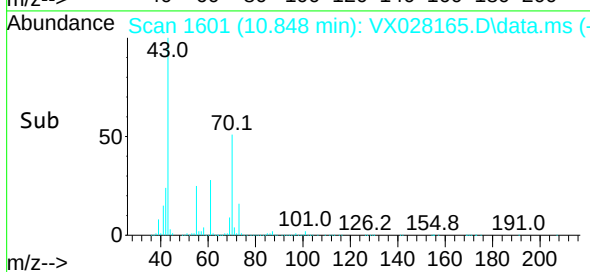
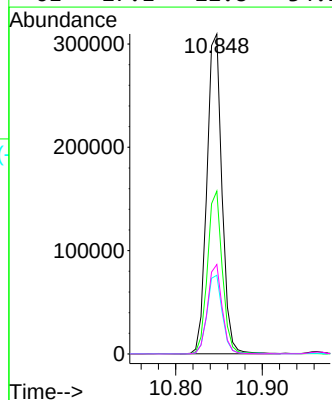
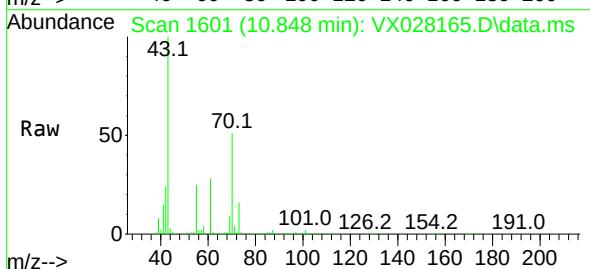
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

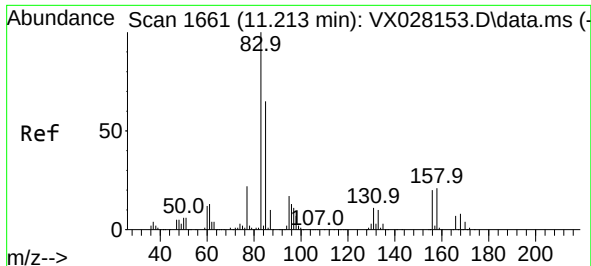
Tgt Ion:105 Resp: 1060430  
Ion Ratio Lower Upper  
105 100  
120 28.6 13.5 40.5



#74  
N-ethyl acetate  
Concen: 46.396 ug/l  
RT: 10.848 min Scan# 1601  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 43 Resp: 373778  
Ion Ratio Lower Upper  
43 100  
70 50.4 42.5 63.7  
55 24.8 23.1 34.7  
61 27.1 22.8 34.2

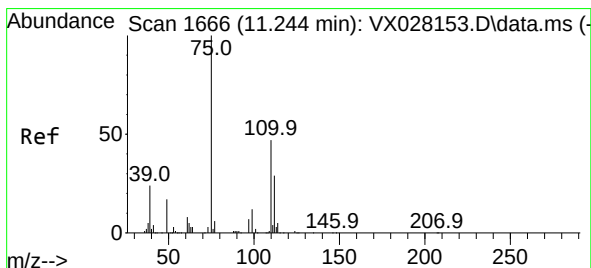
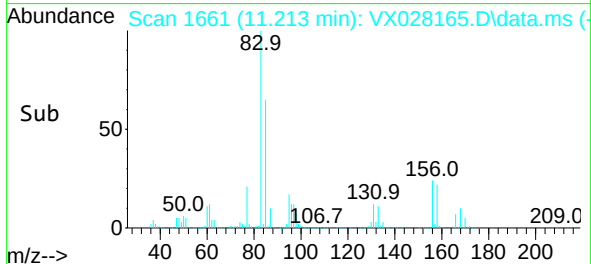
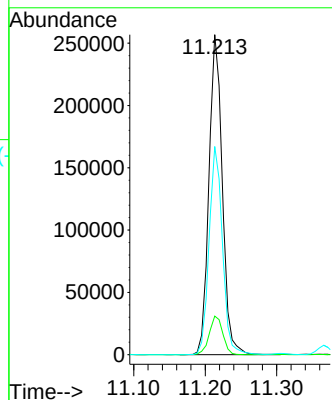
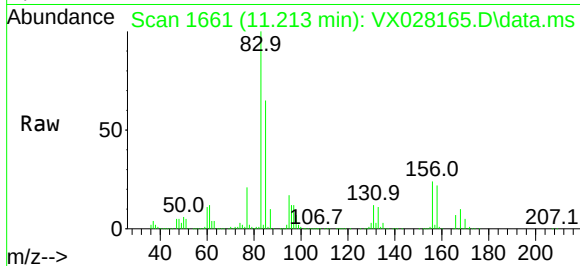




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.162 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

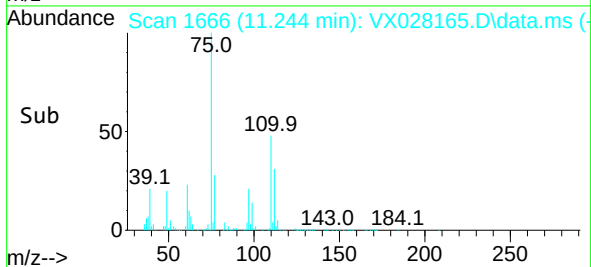
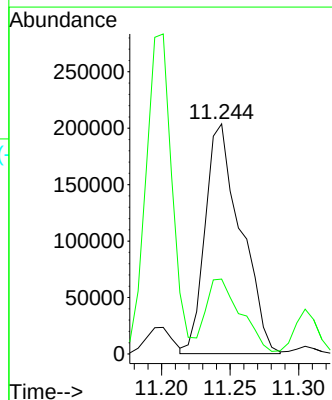
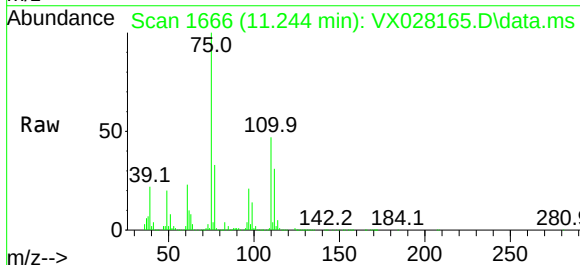
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

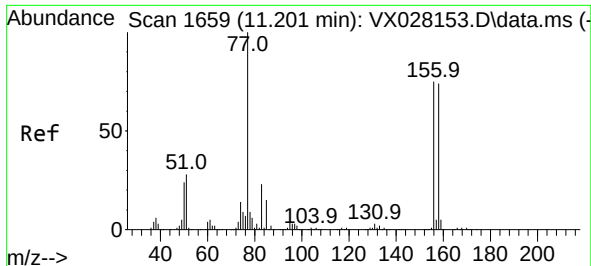
Tgt Ion: 83 Resp: 334025  
 Ion Ratio Lower Upper  
 83 100  
 131 12.2 5.1 15.3  
 85 65.0 32.6 97.7



#76  
 1,2,3-Trichloropropane  
 Concen: 55.309 ug/l  
 RT: 11.244 min Scan# 1666  
 Delta R.T. -0.000 min  
 Lab File: VX028165.D  
 Acq: 19 Apr 2022 17:19

Tgt Ion: 75 Resp: 369129  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 19.4 58.2

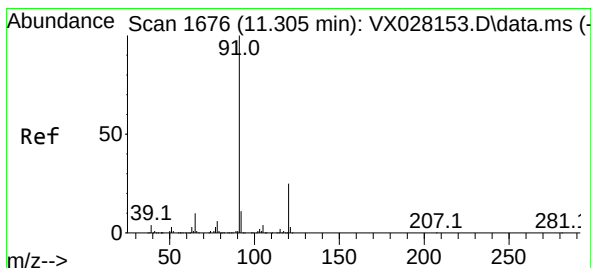
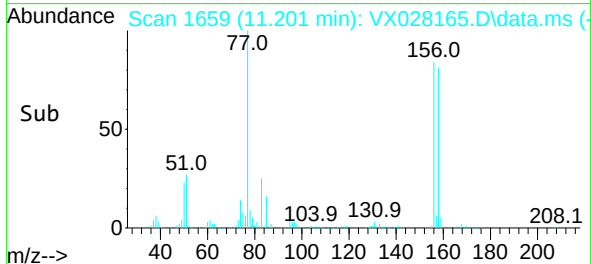
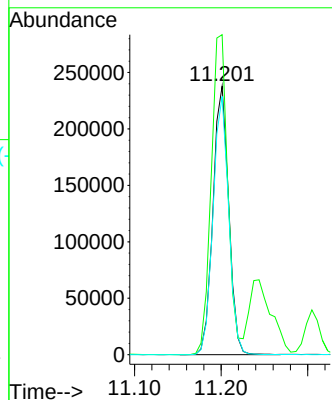
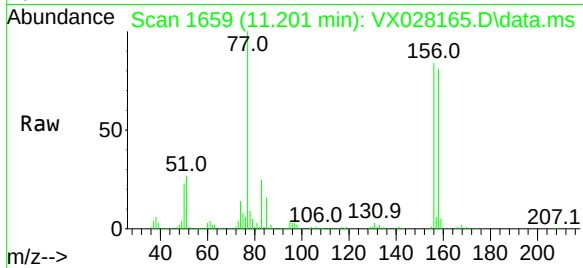




#77  
Bromobenzene  
Concen: 49.501 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

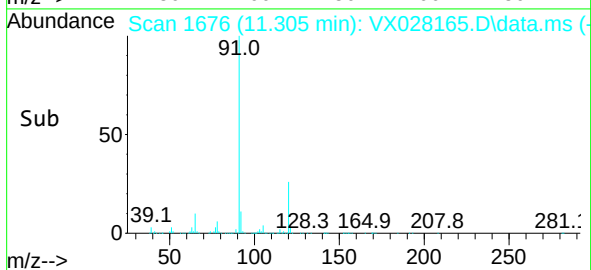
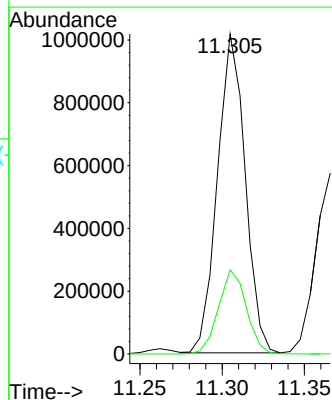
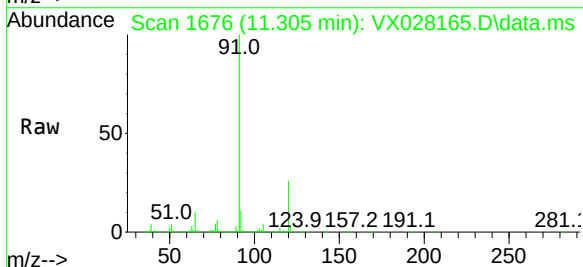
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

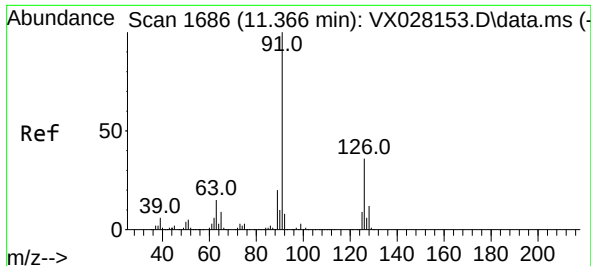
Tgt Ion:156 Resp: 300488  
Ion Ratio Lower Upper  
156 100  
77 126.2 78.5 235.3  
158 95.6 50.2 150.7



#78  
n-propylbenzene  
Concen: 46.021 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 91 Resp: 1189436  
Ion Ratio Lower Upper  
91 100  
120 26.5 11.6 34.8

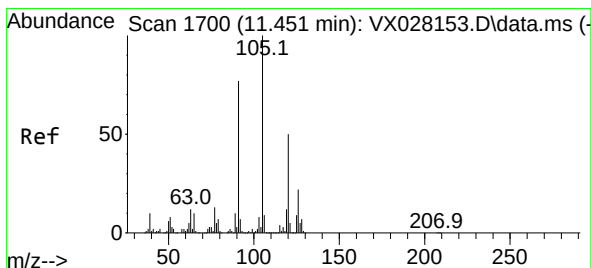
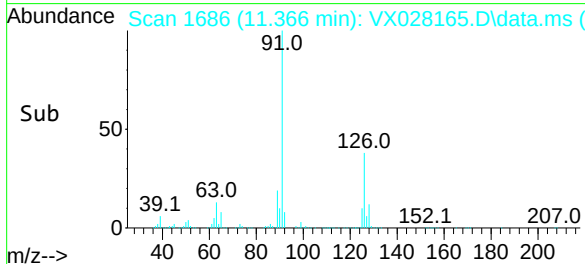
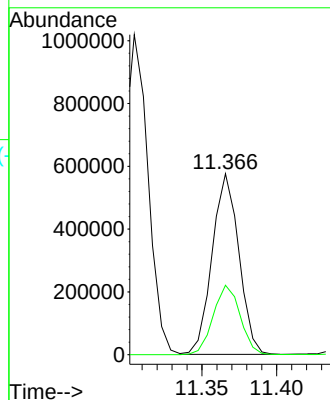
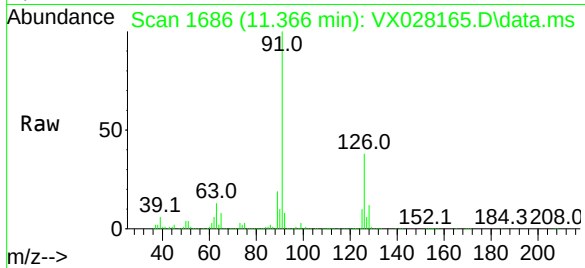




#79  
2-Chlorotoluene  
Concen: 44.466 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

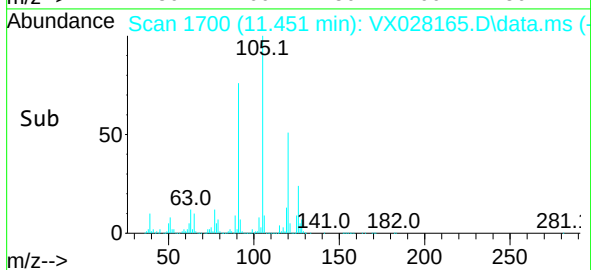
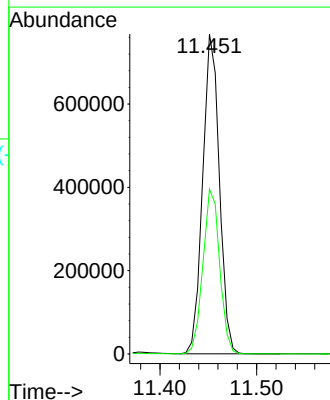
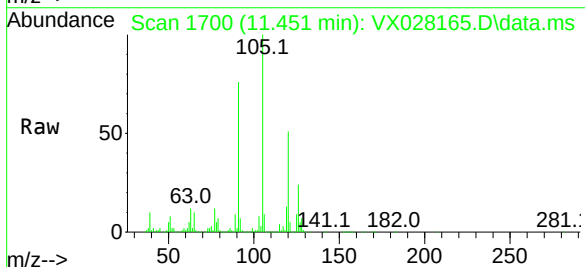
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

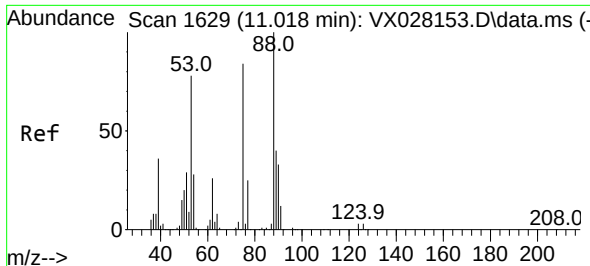
Tgt Ion: 91 Resp: 714509  
Ion Ratio Lower Upper  
91 100  
126 38.8 17.3 51.9



#80  
1,3,5-Trimethylbenzene  
Concen: 46.550 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 105 Resp: 921015  
Ion Ratio Lower Upper  
105 100  
120 51.8 24.3 72.9

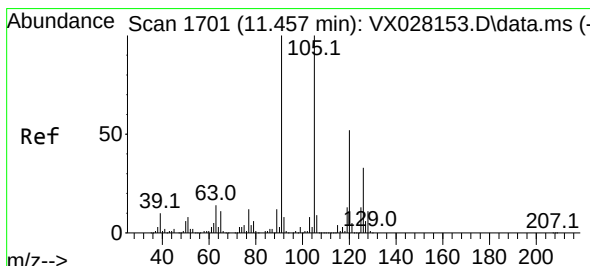
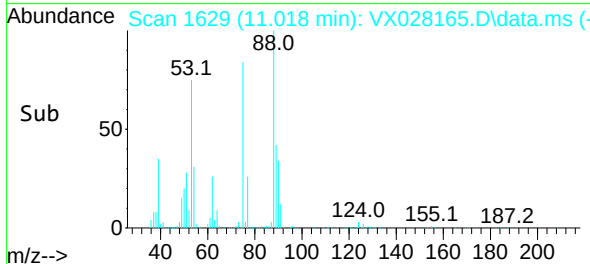
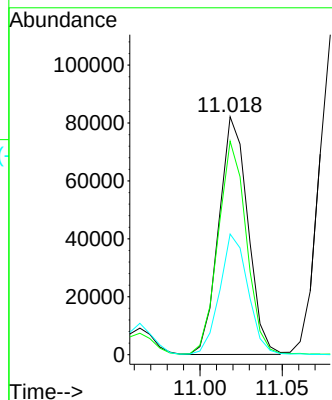
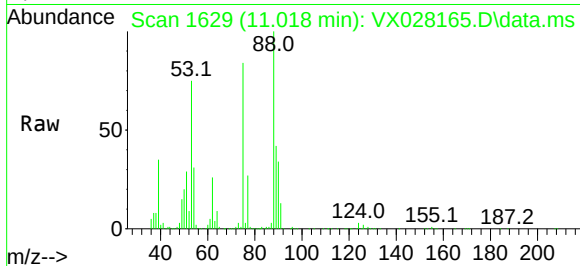




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.846 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

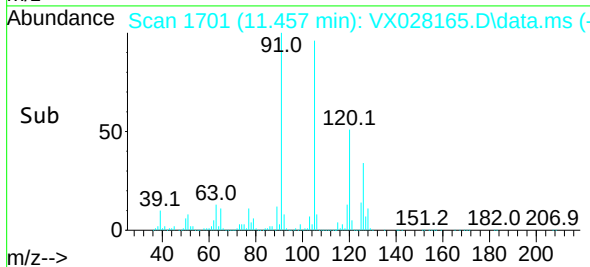
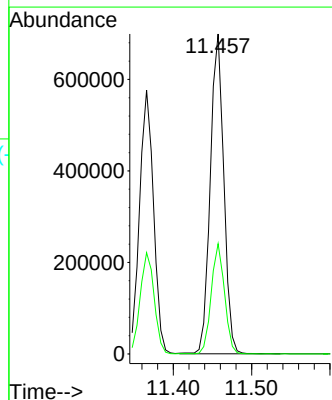
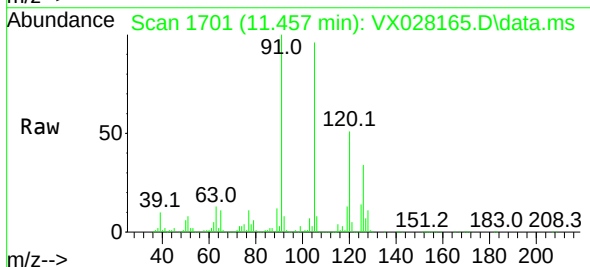
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

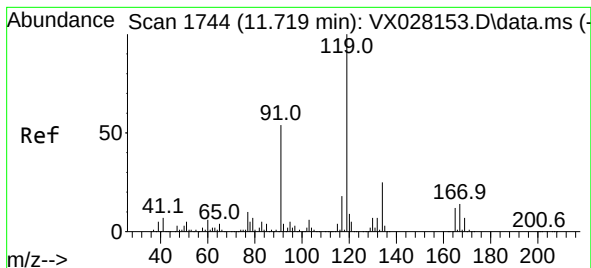
Tgt Ion: 75 Resp: 100716  
Ion Ratio Lower Upper  
75 100  
53 87.4 69.0 103.4  
89 49.9 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 45.167 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 91 Resp: 836019  
Ion Ratio Lower Upper  
91 100  
126 33.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 46.665 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

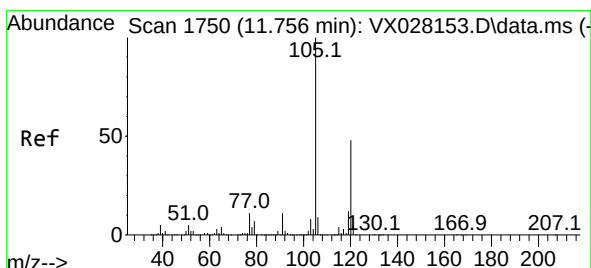
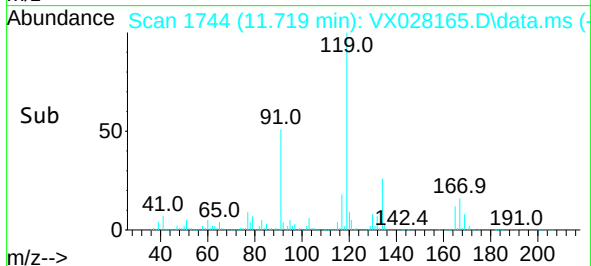
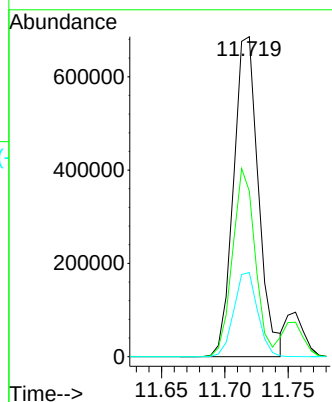
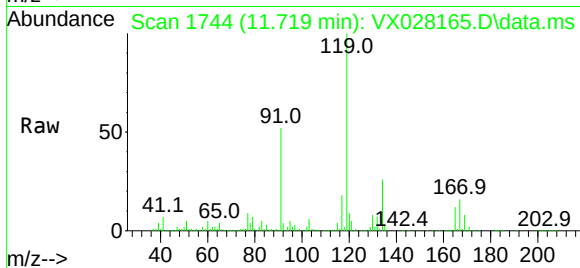
Tgt Ion:119 Resp: 942787

Ion Ratio Lower Upper

119 100

91 53.1 26.9 80.6

134 25.1 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 46.982 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028165.D

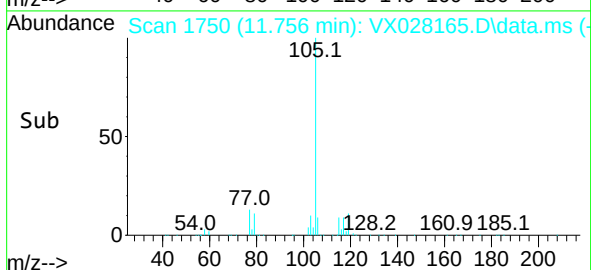
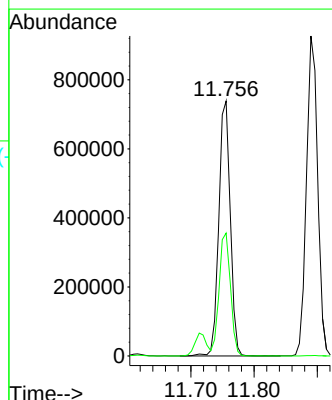
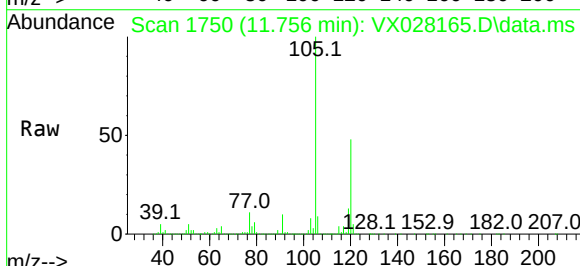
Acq: 19 Apr 2022 17:19

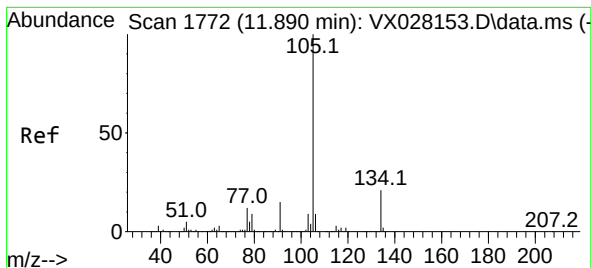
Tgt Ion:105 Resp: 924022

Ion Ratio Lower Upper

105 100

120 47.8 22.6 67.8





#85

sec-Butylbenzene

Concen: 46.541 ug/l

RT: 11.890 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

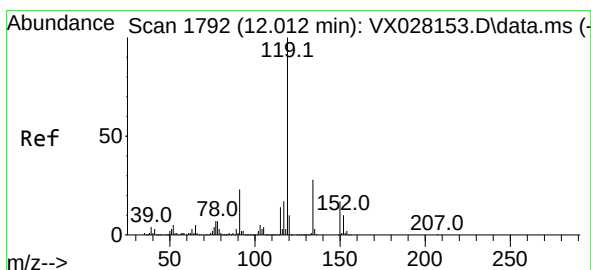
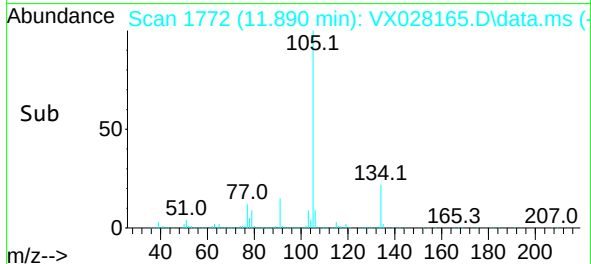
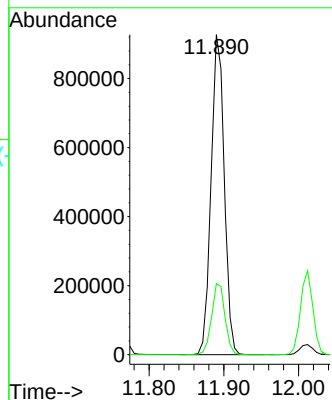
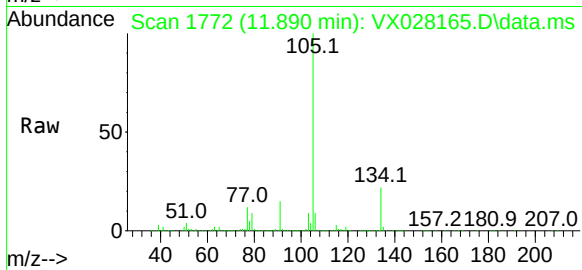
VSTDCCC050EC

Tgt Ion:105 Resp: 1134406

Ion Ratio Lower Upper

105 100

134 22.6 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.025 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

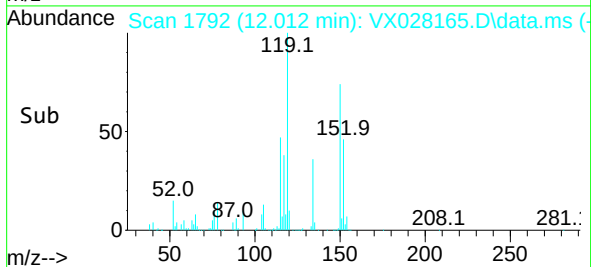
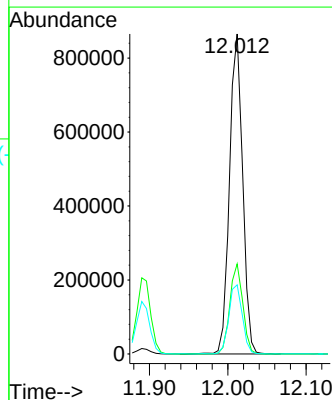
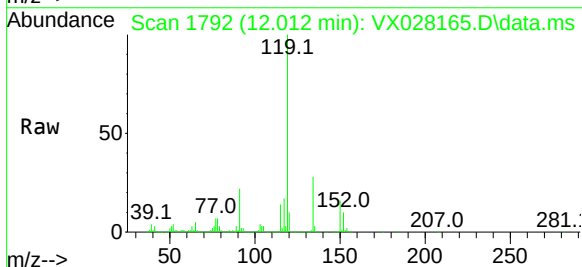
Tgt Ion:119 Resp: 1009857

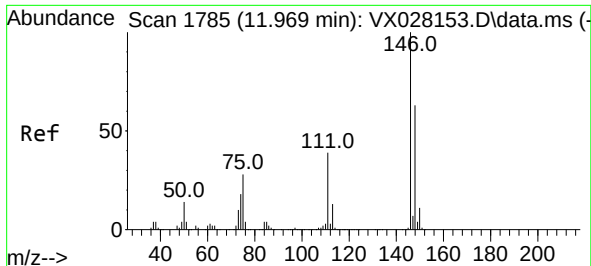
Ion Ratio Lower Upper

119 100

134 27.7 13.0 39.0

91 22.2 11.3 33.9

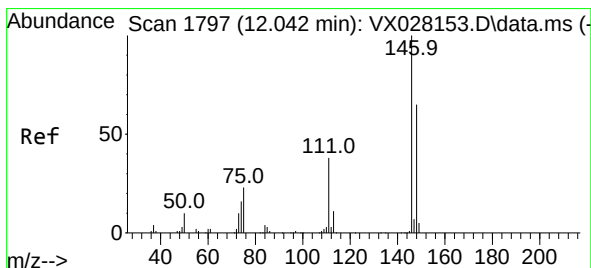
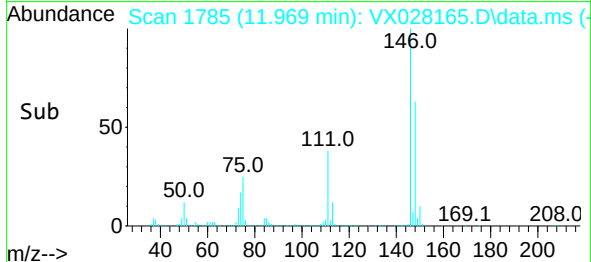
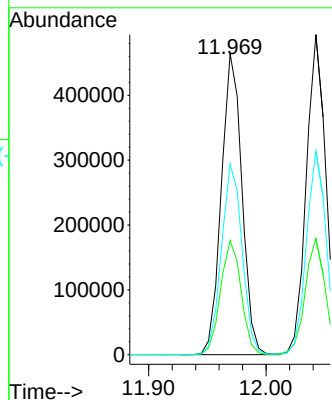
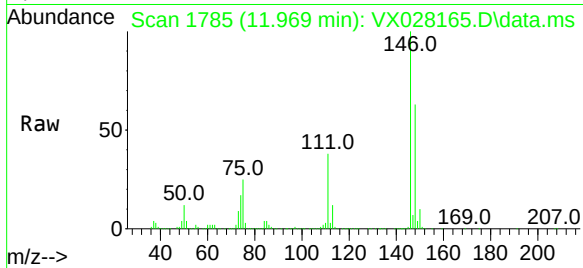




#87  
1,3-Dichlorobenzene  
Concen: 49.632 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

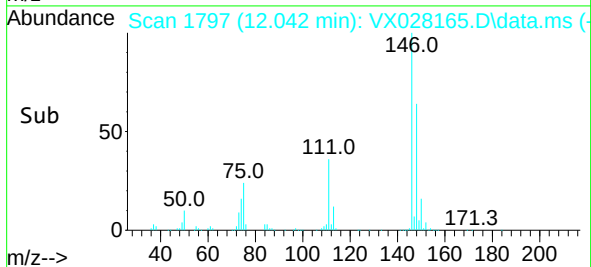
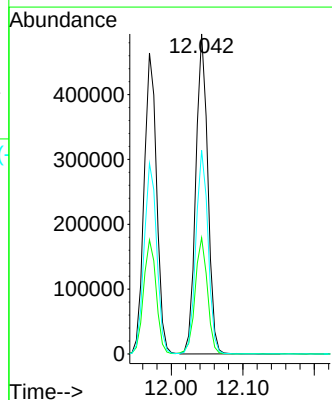
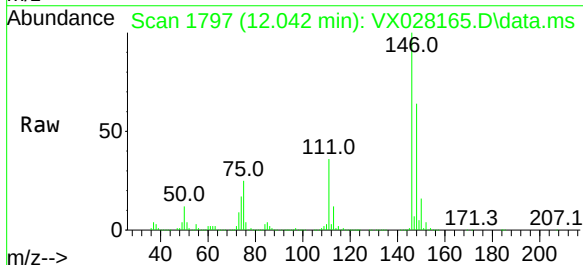
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:146 Resp: 566113  
Ion Ratio Lower Upper  
146 100  
111 38.0 19.7 59.1  
148 63.6 31.6 94.7

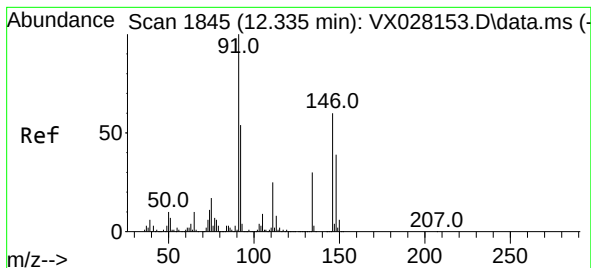


#88  
1,4-Dichlorobenzene  
Concen: 47.905 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:146 Resp: 573722  
Ion Ratio Lower Upper  
146 100  
111 37.0 19.2 57.6  
148 64.5 32.3 96.9







#89

n-Butylbenzene

Concen: 46.901 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028165.D

Acq: 19 Apr 2022 17:19

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

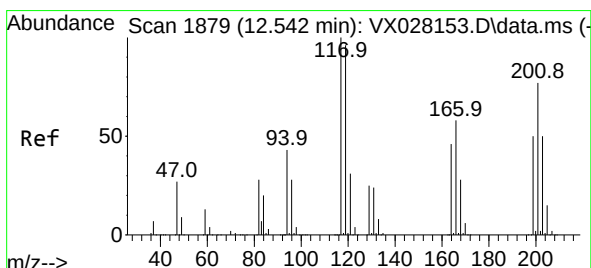
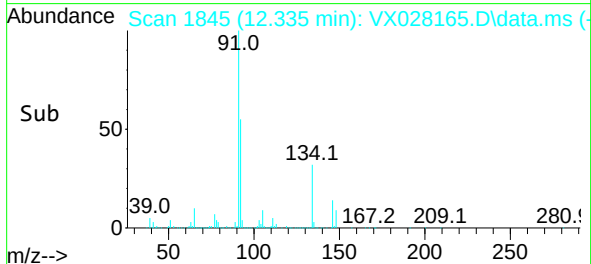
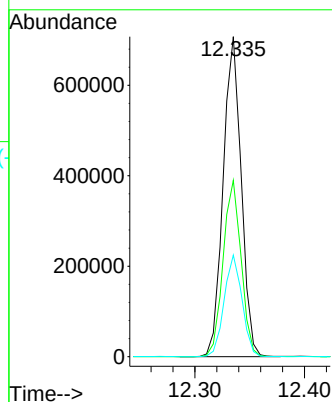
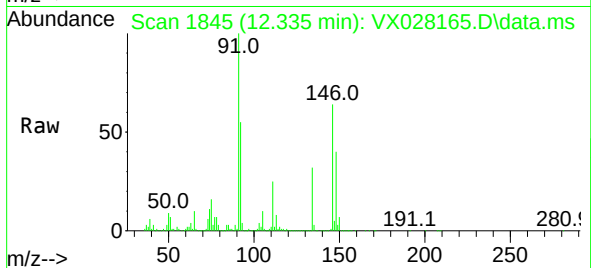
Tgt Ion: 91 Resp: 809818

Ion Ratio Lower Upper

91 100

92 54.9 27.8 83.3

134 31.4 13.3 39.8



#90

Hexachloroethane

Concen: 42.725 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028165.D

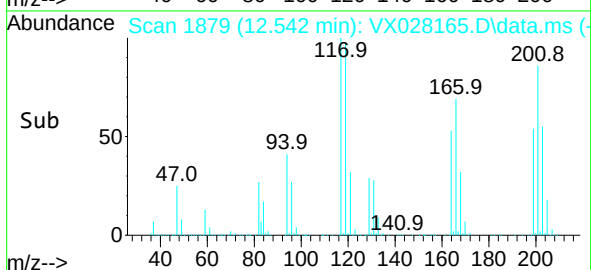
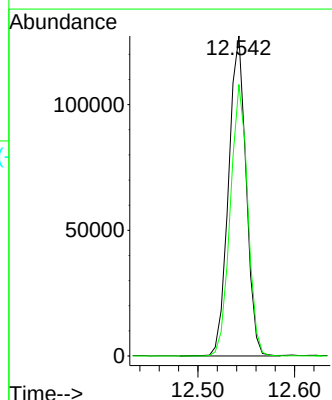
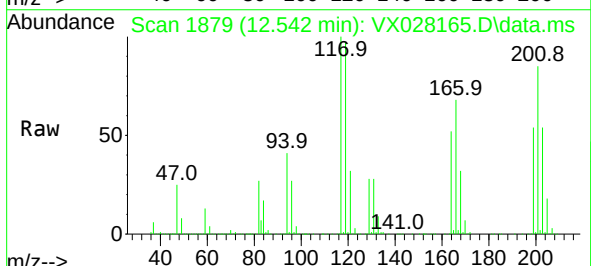
Acq: 19 Apr 2022 17:19

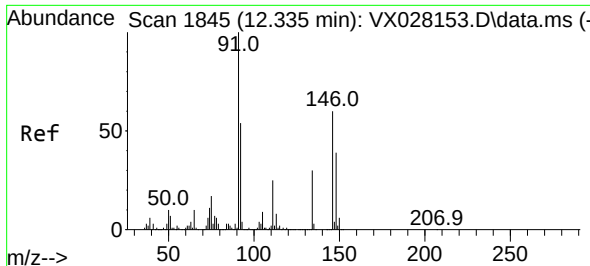
Tgt Ion: 117 Resp: 160617

Ion Ratio Lower Upper

117 100

201 84.1 39.5 118.5

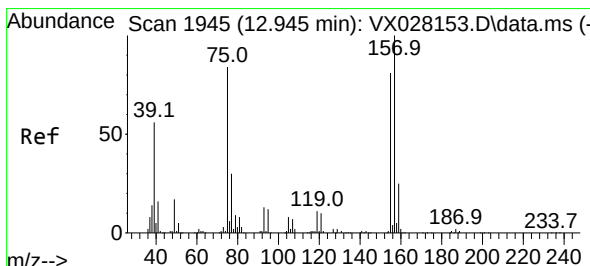
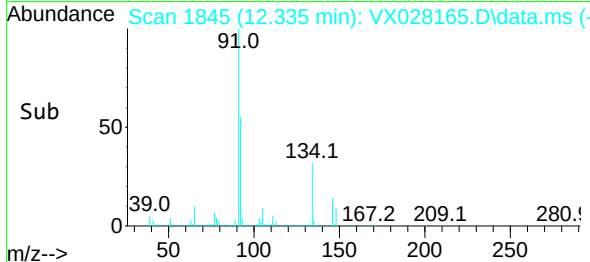
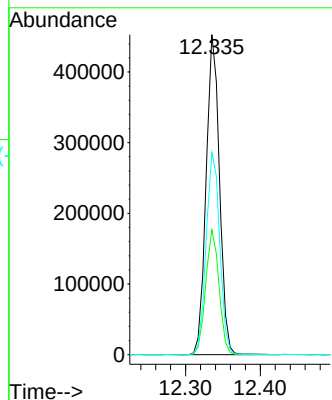
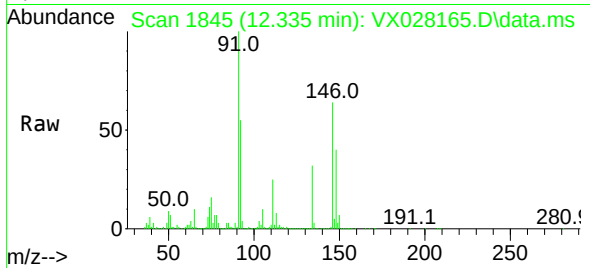




#91  
1,2-Dichlorobenzene  
Concen: 49.638 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

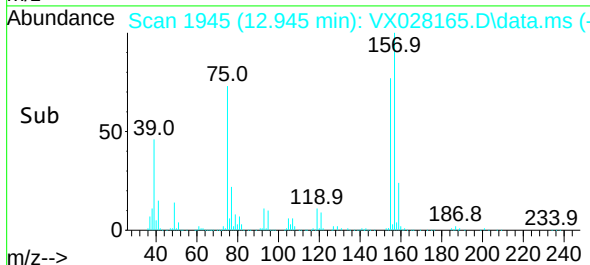
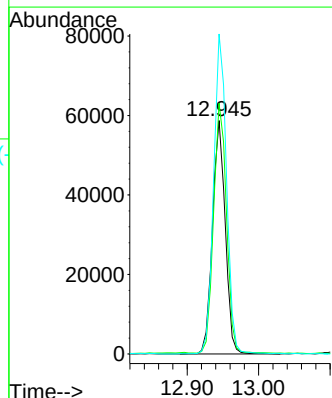
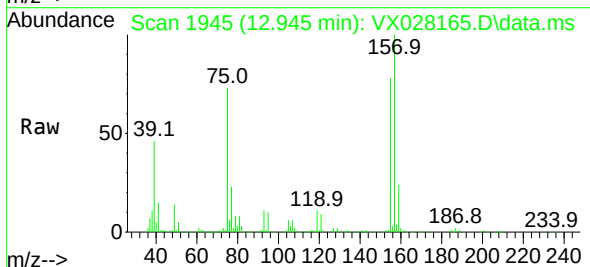
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

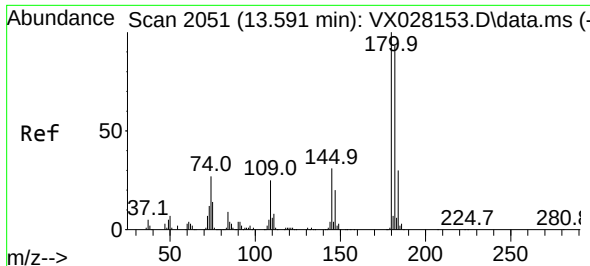
Tgt Ion:146 Resp: 562444  
Ion Ratio Lower Upper  
146 100  
111 38.9 21.0 63.0  
148 64.3 32.6 97.7



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 43.368 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion: 75 Resp: 72949  
Ion Ratio Lower Upper  
75 100  
155 108.1 47.0 141.2  
157 138.1 57.9 173.6

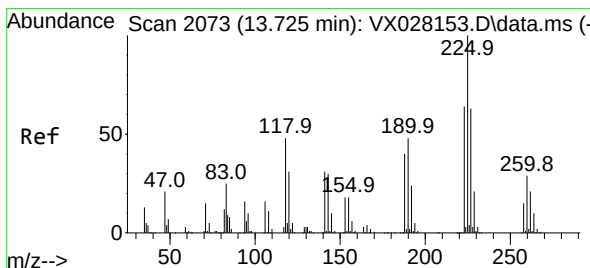
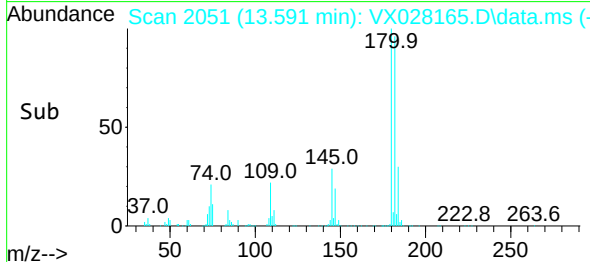
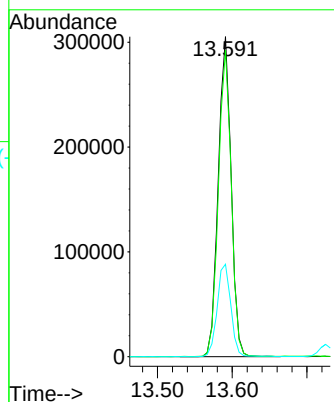
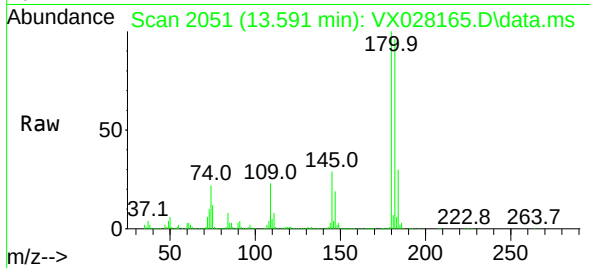




#93  
1,2,4-Trichlorobenzene  
Concen: 54.323 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

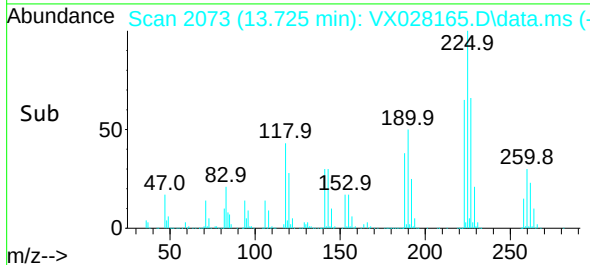
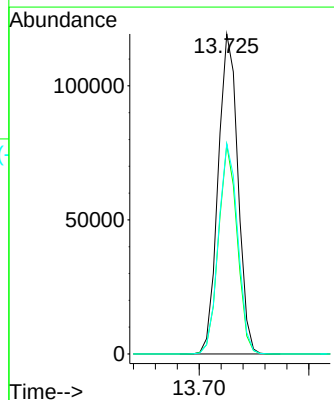
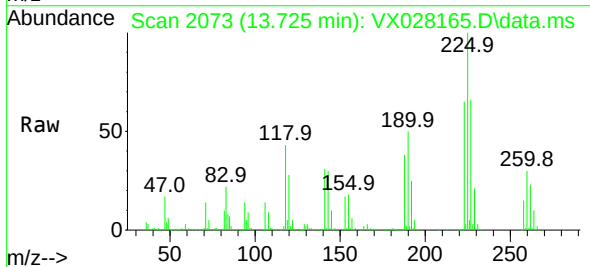
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

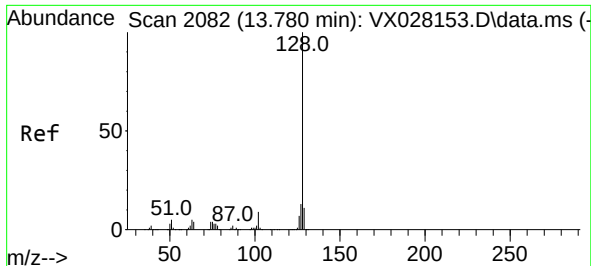
Tgt Ion:180 Resp: 366102  
Ion Ratio Lower Upper  
180 100  
182 95.1 47.7 143.1  
145 30.6 15.2 45.5



#94  
Hexachlorobutadiene  
Concen: 49.648 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. 0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:225 Resp: 149303  
Ion Ratio Lower Upper  
225 100  
223 61.9 34.2 102.5  
227 64.5 33.9 101.7

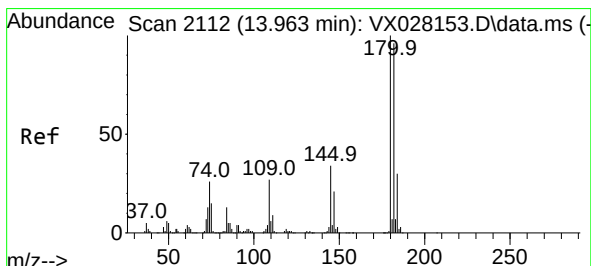
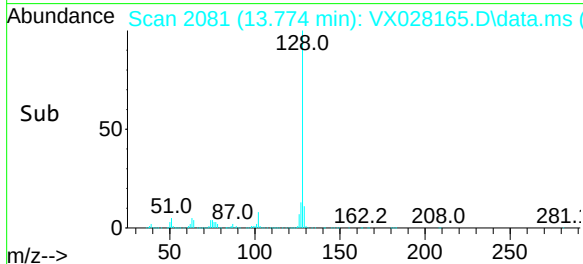
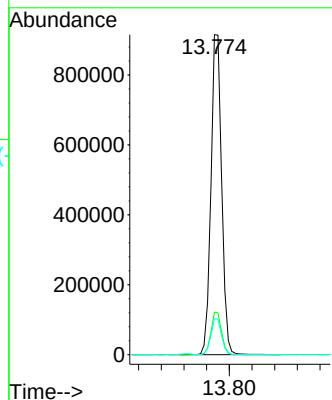
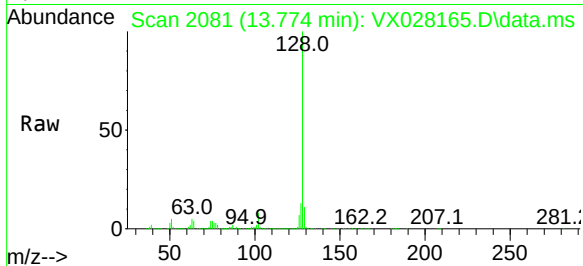




#95  
Naphthalene  
Concen: 53.518 ug/l  
RT: 13.774 min Scan# 2082  
Delta R.T. -0.006 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1201495  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.2 15.4  
129 11.1 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 54.197 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX028165.D  
Acq: 19 Apr 2022 17:19

Tgt Ion:180 Resp: 358521  
Ion Ratio Lower Upper  
180 100  
182 96.3 50.0 149.8  
145 32.3 16.2 48.5

