

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072722\  
 Data File : VX030222.D  
 Acq On : 27 Jul 2022 09:27  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 28 05:48:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.550  | 168   | 159262   | 50.000   | ug/l   | -0.01    |
| 34) 1,4-Difluorobenzene      | 6.763  | 114   | 262341   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.055 | 117   | 275812   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.024 | 152   | 174843   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.958  | 65    | 159502   | 49.828   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 99.660%  |
| 35) Dibromofluoromethane     | 5.385  | 113   | 124920   | 49.812   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 99.620%  |
| 50) Toluene-d8               | 8.653  | 98    | 493787   | 50.843   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 101.680% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 188524   | 52.304   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 83 - 123 | Recovery | =      | 104.600% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 137841   | 52.745   | ug/l   | 99       |
| 3) Chloromethane             | 1.288  | 50    | 123737   | 47.881   | ug/l   | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 129005   | 49.459   | ug/l   | 99       |
| 5) Bromomethane              | 1.605  | 94    | 44536    | 48.511   | ug/l   | 95       |
| 6) Chloroethane              | 1.679  | 64    | 75136    | 50.170   | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 179327   | 52.184   | ug/l   | 97       |
| 8) Diethyl Ether             | 2.136  | 74    | 66979    | 49.773   | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 2.325  | 101   | 128553   | 50.506   | ug/l   | 98       |
| 10) Methyl Iodide            | 2.453  | 142   | 130832   | 52.659   | ug/l   | 95       |
| 11) Tert butyl alcohol       | 2.977  | 59    | 190433   | 243.885  | ug/l   | 99       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 123151   | 49.499   | ug/l   | 90       |
| 13) Acrolein                 | 2.239  | 56    | 54048    | 281.620  | ug/l   | 100      |
| 14) Allyl chloride           | 2.660  | 41    | 254870   | 49.644   | ug/l   | 97       |
| 15) Acrylonitrile            | 3.062  | 53    | 461034   | 238.927  | ug/l   | 98       |
| 16) Acetone                  | 2.386  | 43    | 417584   | 254.801  | ug/l   | 94       |
| 17) Carbon Disulfide         | 2.508  | 76    | 319332   | 47.549   | ug/l   | 98       |
| 18) Methyl Acetate           | 2.703  | 43    | 230284   | 47.506   | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 3.117  | 73    | 426014   | 49.989   | ug/l   | 99       |
| 20) Methylene Chloride       | 2.788  | 84    | 142545   | 50.784   | ug/l   | 95       |
| 21) trans-1,2-Dichloroethene | 3.093  | 96    | 132138   | 48.119   | ug/l   | 92       |
| 22) Diisopropyl ether        | 3.764  | 45    | 506713   | 52.165   | ug/l   | 89       |
| 23) Vinyl Acetate            | 3.721  | 43    | 2208134  | 262.059  | ug/l   | 97       |
| 24) 1,1-Dichloroethane       | 3.611  | 63    | 253372   | 49.088   | ug/l   | 98       |
| 25) 2-Butanone               | 4.562  | 43    | 684676   | 248.612  | ug/l   | 94       |
| 26) 2,2-Dichloropropane      | 4.477  | 77    | 197162   | 52.825   | ug/l   | 95       |
| 27) cis-1,2-Dichloroethene   | 4.489  | 96    | 156863   | 48.576   | ug/l   | 93       |
| 28) Bromochloromethane       | 4.897  | 49    | 117457   | 53.864   | ug/l   | 91       |
| 29) Tetrahydrofuran          | 5.007  | 42    | 448491   | 242.036  | ug/l   | 93       |
| 30) Chloroform               | 5.093  | 83    | 251528   | 49.217   | ug/l   | 96       |
| 31) Cyclohexane              | 5.471  | 56    | 236561   | 50.899   | ug/l   | 94       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 208047   | 50.082   | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 5.690  | 75    | 187868   | 52.054   | ug/l   | 97       |
| 37) Ethyl Acetate            | 4.715  | 43    | 253994   | 49.697   | ug/l   | 97       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 177588   | 52.708   | ug/l   | 98       |
| 39) Methylcyclohexane        | 7.379  | 83    | 239982   | 51.515   | ug/l   | 93       |
| 40) Benzene                  | 6.037  | 78    | 570421   | 50.234   | ug/l   | 99       |

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

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jul 28 05:48:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 25 16:49:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 141622   | 51.694  | ug/l   | 95       |
| 42) 1,2-Dichloroethane        | 6.086  | 62   | 196280   | 50.024  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 6.342  | 43   | 389299   | 51.960  | ug/l   | 97       |
| 44) Trichloroethene           | 7.129  | 130  | 148701   | 47.926  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 153434   | 50.662  | ug/l   | 97       |
| 46) Dibromomethane            | 7.580  | 93   | 100250   | 48.674  | ug/l   | 98       |
| 47) Bromodichloromethane      | 7.824  | 83   | 194666   | 51.992  | ug/l   | 98       |
| 48) Methyl methacrylate       | 7.696  | 41   | 193365   | 52.435  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 7.671  | 88   | 78501    | 921.655 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 1295356  | 254.670 | ug/l   | 97       |
| 52) Toluene                   | 8.720  | 92   | 348891   | 50.360  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 8.976  | 75   | 216238   | 53.577  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 236235   | 53.712  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 144323   | 48.928  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 243619   | 52.245  | ug/l   | 94       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 244971   | 50.312  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 648034   | 280.022 | ug/l   | 96       |
| 59) 2-Hexanone                | 9.433  | 43   | 1030843  | 256.883 | ug/l   | 95       |
| 60) Dibromochloromethane      | 9.525  | 129  | 143128   | 52.417  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 151936   | 49.330  | ug/l   | 100      |
| 64) Tetrachloroethene         | 9.275  | 164  | 145413   | 48.972  | ug/l   | 95       |
| 65) Chlorobenzene             | 10.079 | 112  | 369602   | 49.332  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 131424   | 51.601  | ug/l   | 98       |
| 67) Ethyl Benzene             | 10.195 | 91   | 684953   | 48.504  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.305 | 106  | 520421   | 102.537 | ug/l   | 95       |
| 69) o-Xylene                  | 10.646 | 106  | 253895   | 50.756  | ug/l   | 93       |
| 70) Styrene                   | 10.659 | 104  | 429934   | 52.313  | ug/l   | 97       |
| 71) Bromoform                 | 10.799 | 173  | 101386   | 54.147  | ug/l # | 99       |
| 73) Isopropylbenzene          | 10.963 | 105  | 670308   | 49.109  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 337058   | 50.809  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 230262   | 46.090  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 281851   | 61.155  | ug/l   | 88       |
| 77) Bromobenzene              | 11.201 | 156  | 152578   | 47.626  | ug/l   | 94       |
| 78) n-propylbenzene           | 11.305 | 91   | 835016   | 51.256  | ug/l   | 97       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 484806   | 47.125  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 573338   | 50.164  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-b... | 11.018 | 75   | 78822    | 51.307  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 560597   | 49.875  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 527498   | 49.795  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 576105   | 50.525  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 744211   | 51.327  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 600611   | 51.776  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 301476   | 48.387  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 301378   | 47.517  | ug/l   | 99       |
| 89) n-Butylbenzene            | 12.335 | 91   | 613406   | 56.797  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.542 | 117  | 104170   | 52.156  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 306375   | 50.098  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 62446    | 52.115  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 192286   | 54.219  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 75016    | 52.680  | ug/l   | 97       |
| 95) Naphthalene               | 13.774 | 128  | 757596   | 54.689  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 194260   | 53.410  | ug/l   | 99       |

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

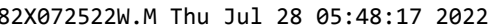
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

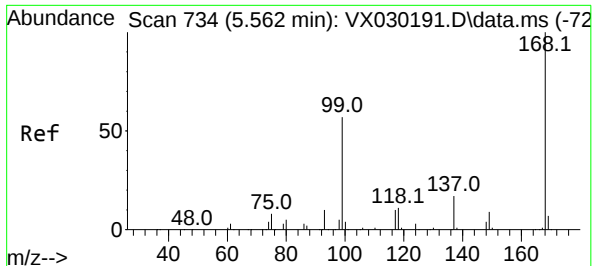
Quant Time: Jul 28 05:48:12 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072522W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 25 16:49:17 2022  
Response via : Initial Calibration

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

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

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Quant Title : SW846 8260  
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Response via : Initial Calibration

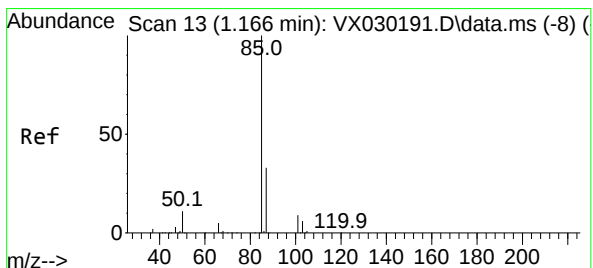
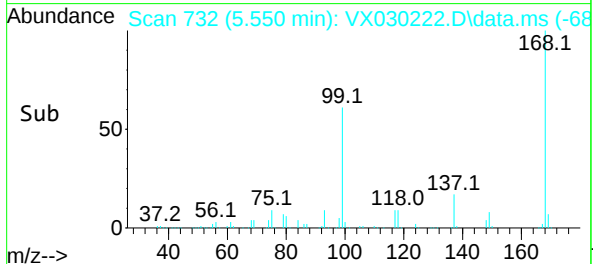
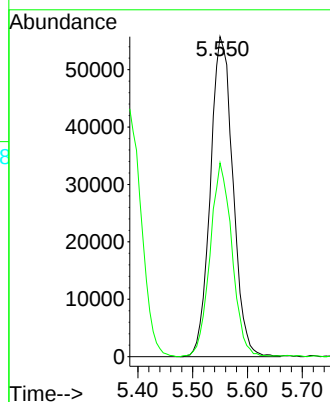
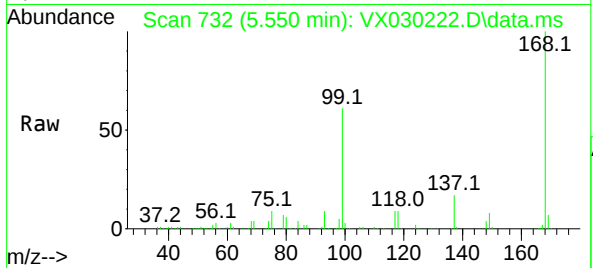




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

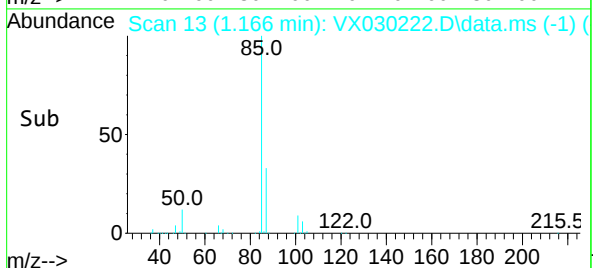
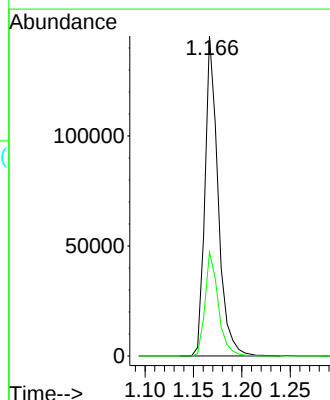
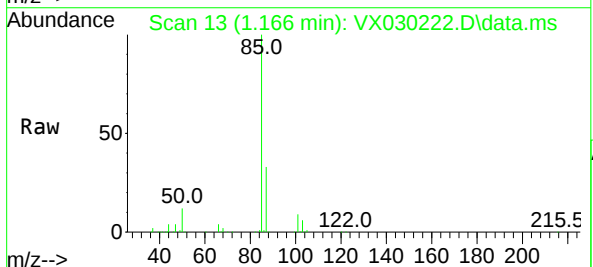
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 159262  
Ion Ratio Lower Upper  
168 100  
99 60.5 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 52.745 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 85 Resp: 137841  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.5 49.5

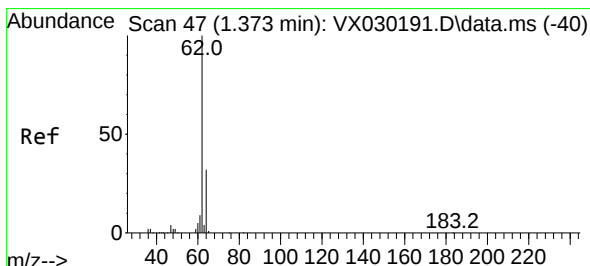
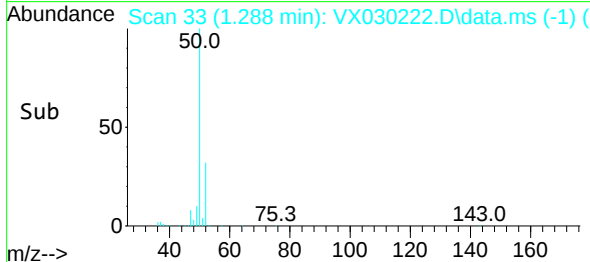
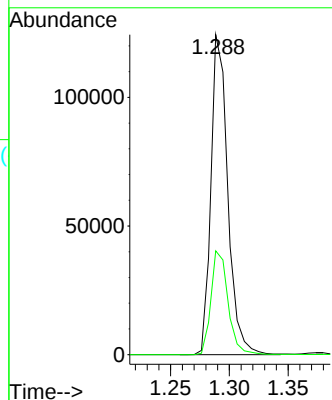
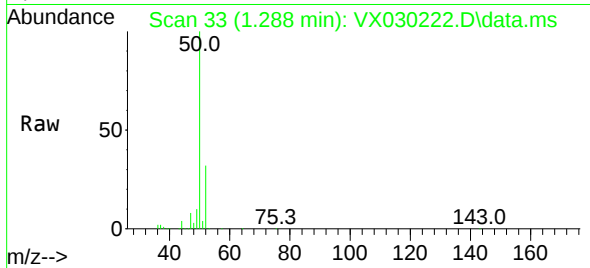




#3  
Chloromethane  
Concen: 47.881 ug/l  
RT: 1.288 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

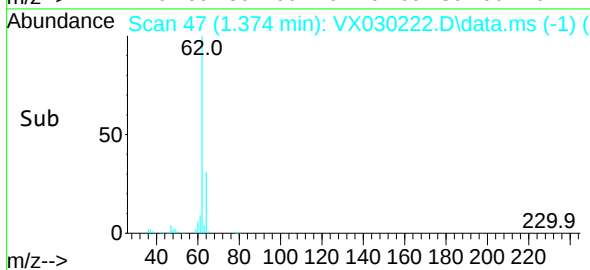
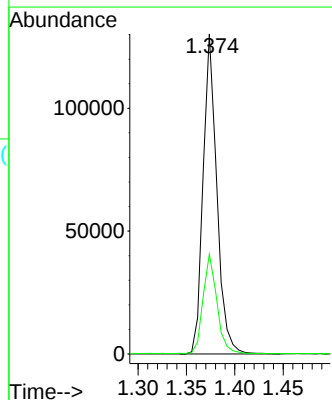
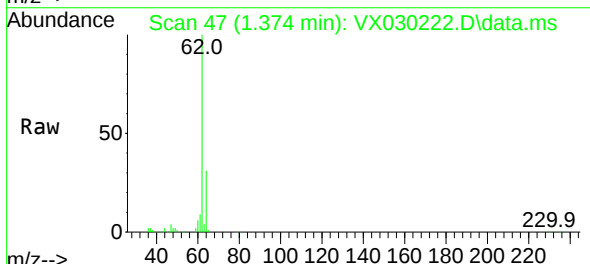
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

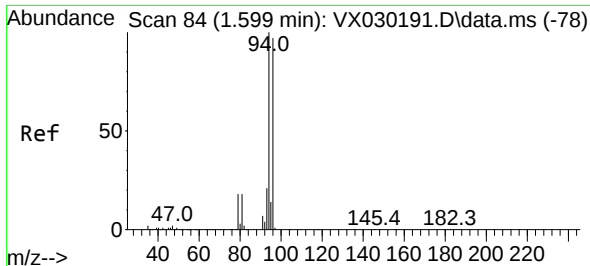
Tgt Ion: 50 Resp: 123737  
Ion Ratio Lower Upper  
50 100  
52 32.5 26.3 39.5



#4  
Vinyl Chloride  
Concen: 49.459 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 62 Resp: 129005  
Ion Ratio Lower Upper  
62 100  
64 31.1 25.2 37.8

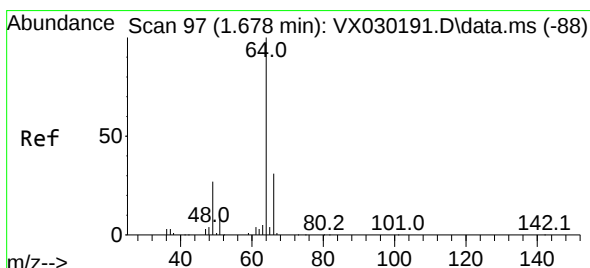
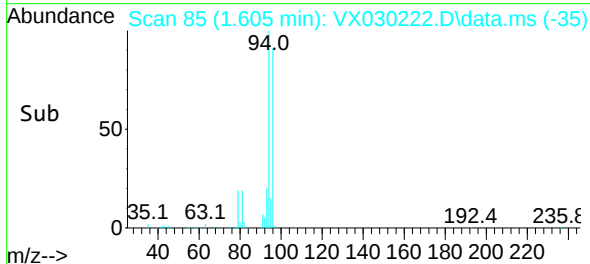
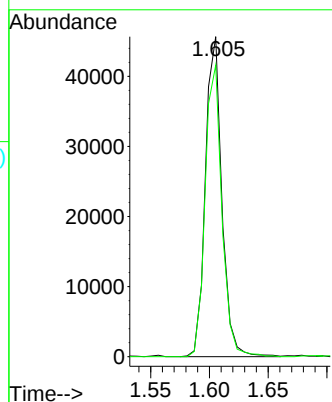
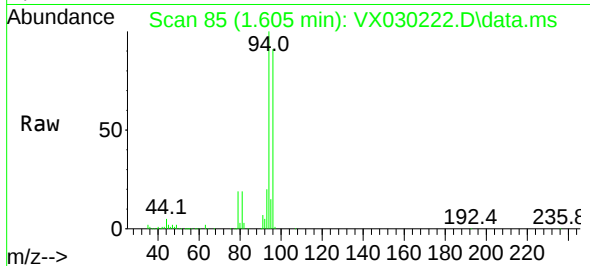




#5  
Bromomethane  
Concen: 48.511 ug/l  
RT: 1.605 min Scan# 84  
Delta R.T. 0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

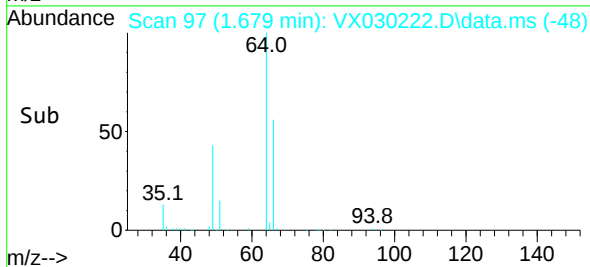
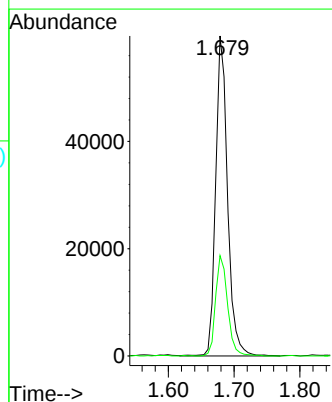
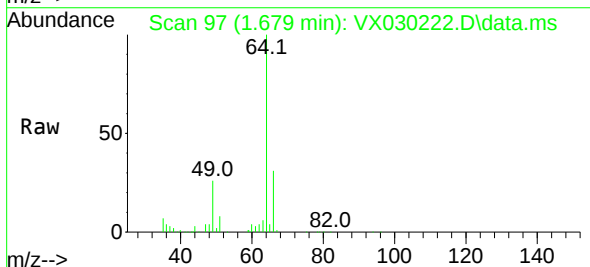
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

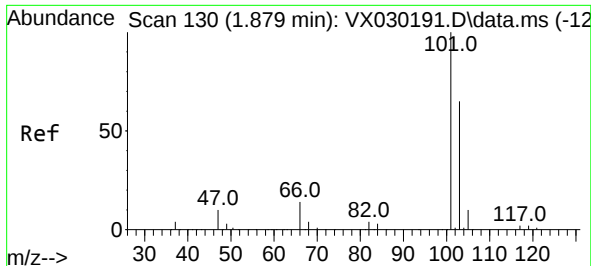
Tgt Ion: 94 Resp: 44536  
Ion Ratio Lower Upper  
94 100  
96 91.1 76.9 115.3



#6  
Chloroethane  
Concen: 50.170 ug/l  
RT: 1.679 min Scan# 97  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 64 Resp: 75136  
Ion Ratio Lower Upper  
64 100  
66 31.4 27.2 40.8

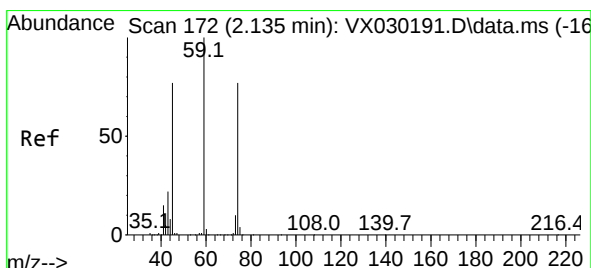
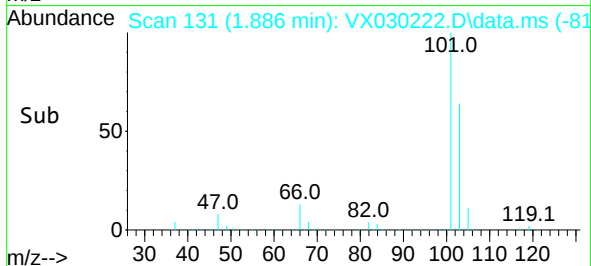
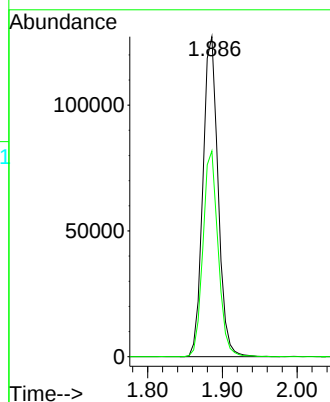
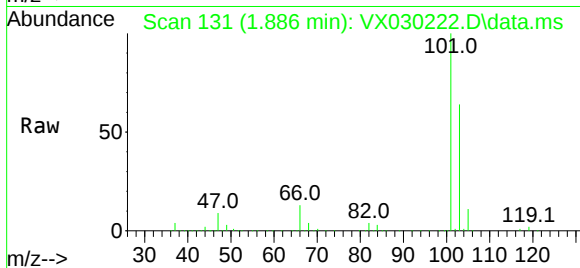




#7  
Trichlorofluoromethane  
Concen: 52.184 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

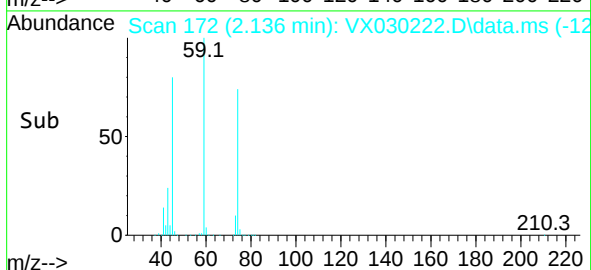
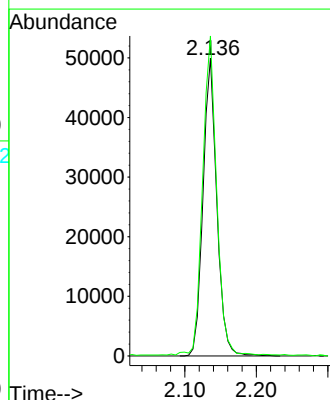
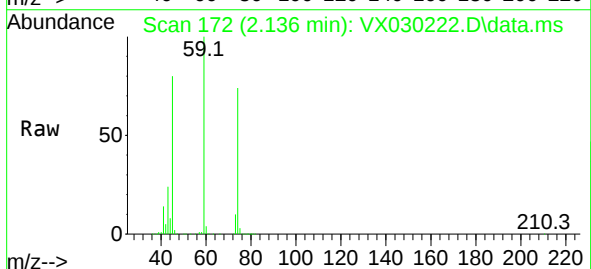
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

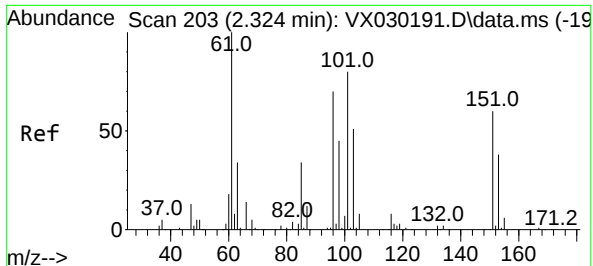
Tgt Ion:101 Resp: 179327  
Ion Ratio Lower Upper  
101 100  
103 64.3 49.7 74.5



#8  
Diethyl Ether  
Concen: 49.773 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 74 Resp: 66979  
Ion Ratio Lower Upper  
74 100  
45 108.1 51.5 154.7

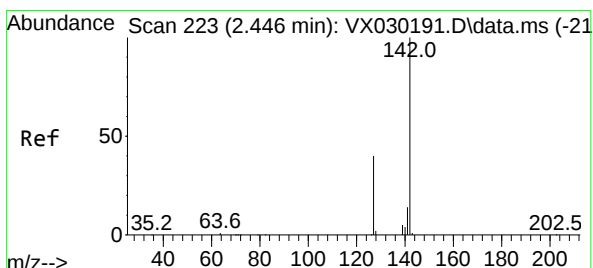
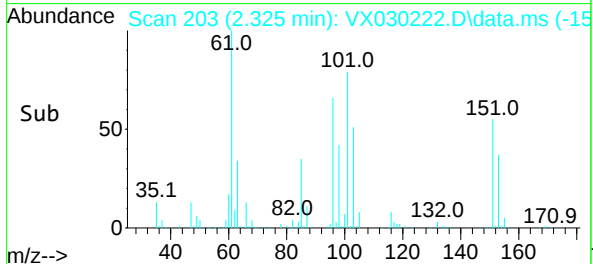
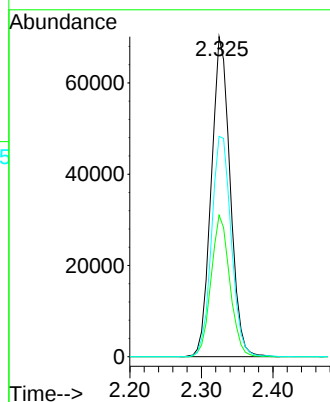
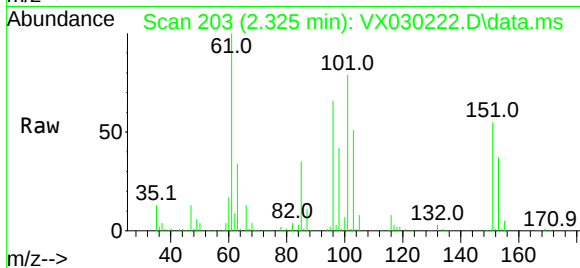




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.506 ug/l  
RT: 2.325 min Scan# 20  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

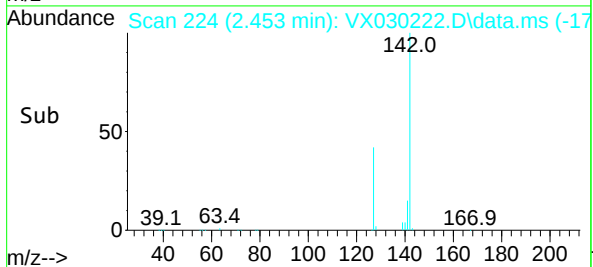
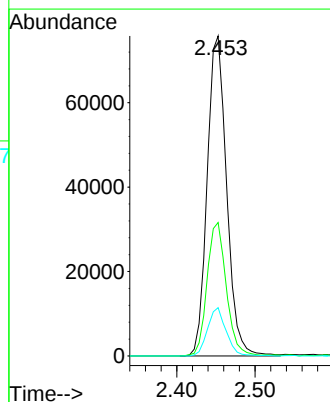
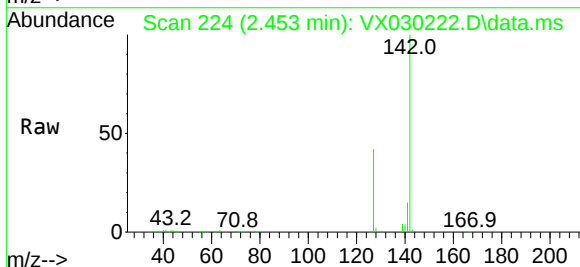
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 128553  
Ion Ratio Lower Upper  
101 100  
85 43.9 34.0 51.0  
151 72.0 59.4 89.0



#10  
Methyl Iodide  
Concen: 52.659 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.007 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion:142 Resp: 130832  
Ion Ratio Lower Upper  
142 100  
127 41.4 30.2 45.2  
141 14.4 11.3 16.9

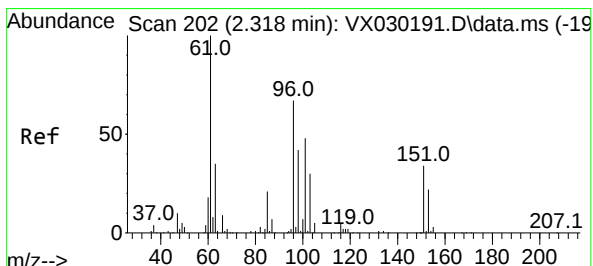
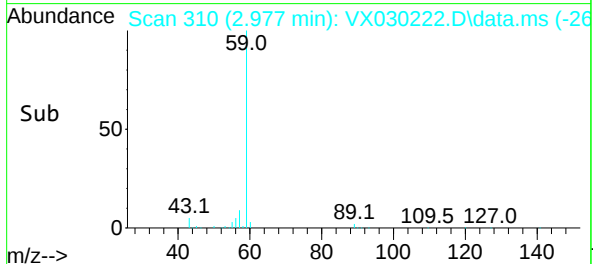
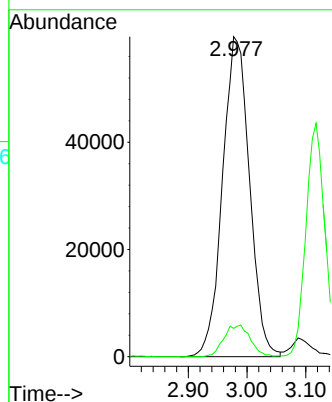
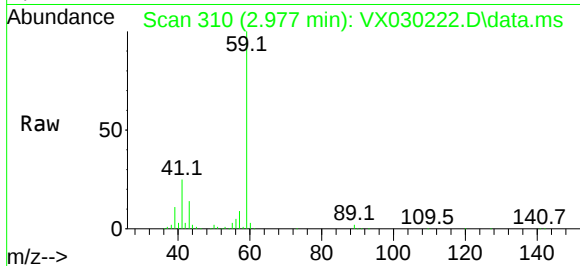




#11  
Tert butyl alcohol  
Concen: 243.885 ug/l  
RT: 2.977 min Scan# 310  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

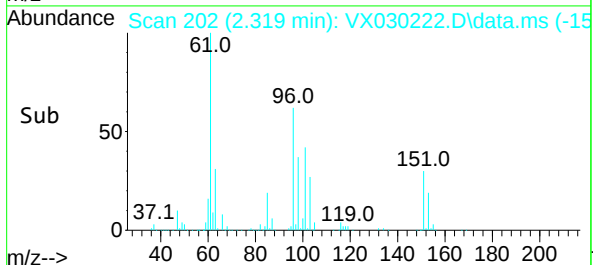
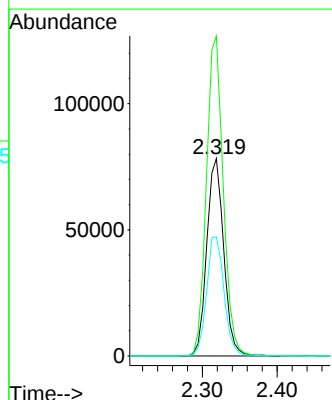
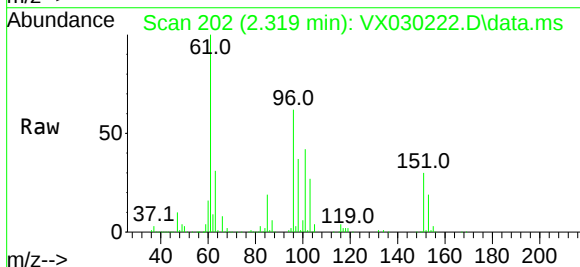
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 190433  
Ion Ratio Lower Upper  
59 100  
57 9.7 7.4 11.2



#12  
1,1-Dichloroethene  
Concen: 49.499 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 96 Resp: 123151  
Ion Ratio Lower Upper  
96 100  
61 162.1 117.4 176.0  
98 60.3 52.2 78.4

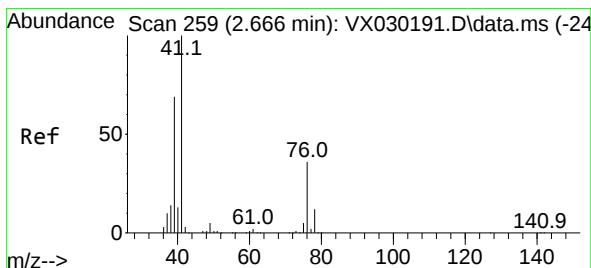
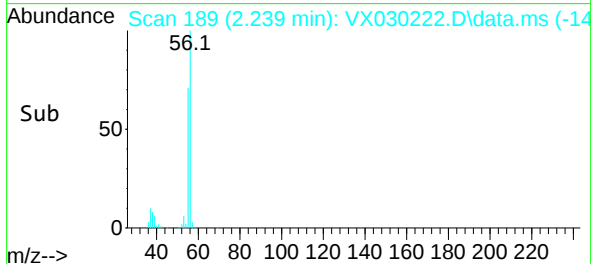
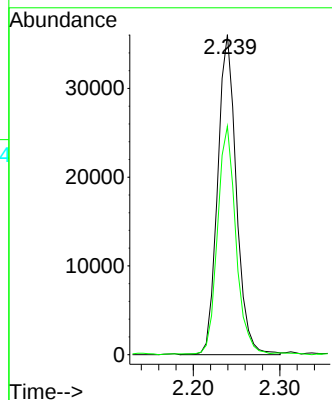
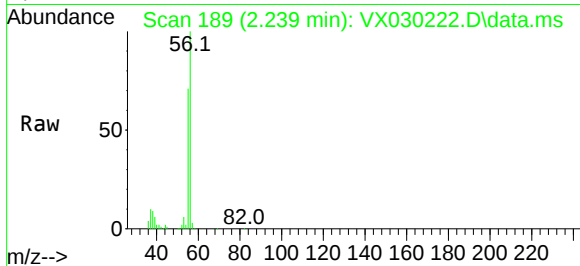




#13  
Acrolein  
Concen: 281.620 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

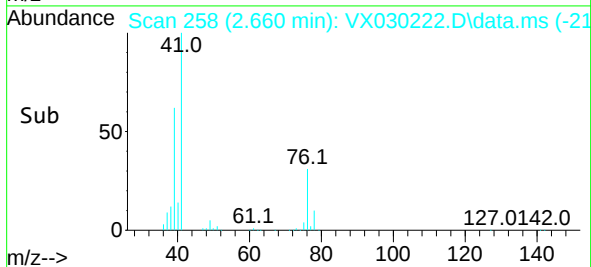
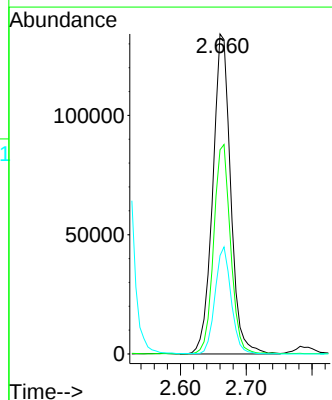
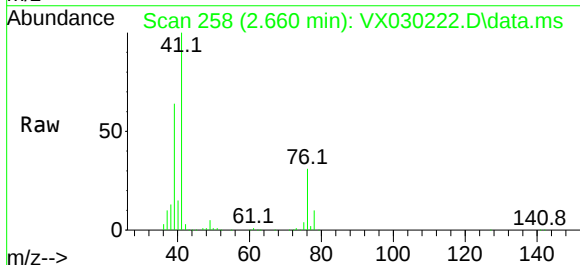
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

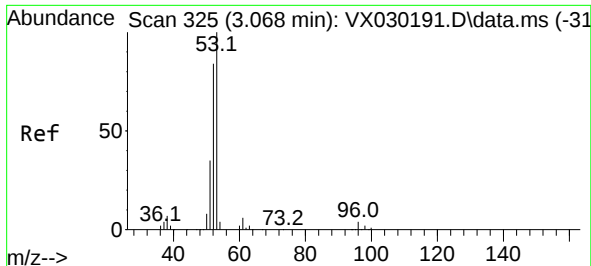
Tgt Ion: 56 Resp: 54048  
Ion Ratio Lower Upper  
56 100  
55 70.8 56.6 84.8



#14  
Allyl chloride  
Concen: 49.644 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 41 Resp: 254870  
Ion Ratio Lower Upper  
41 100  
39 61.6 48.9 73.3  
76 30.0 26.9 40.3

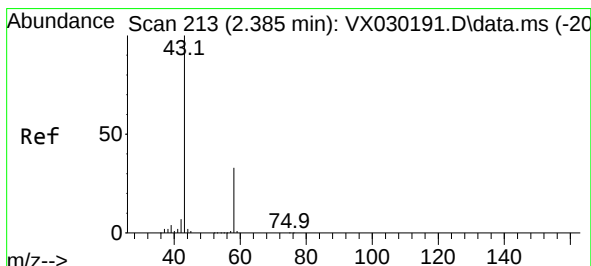
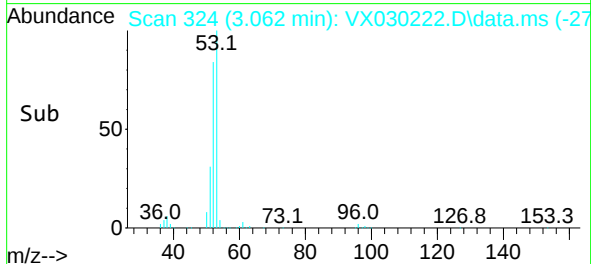
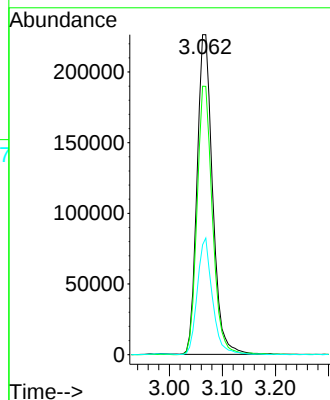
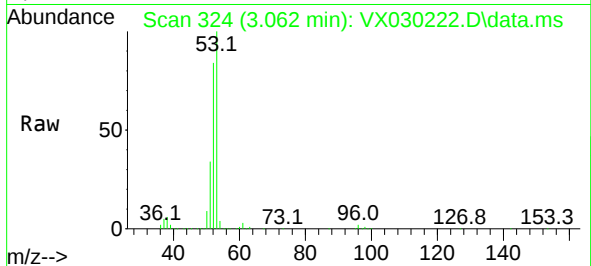




#15  
Acrylonitrile  
Concen: 238.927 ug/l  
RT: 3.062 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

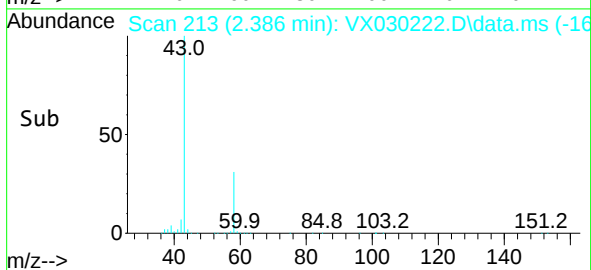
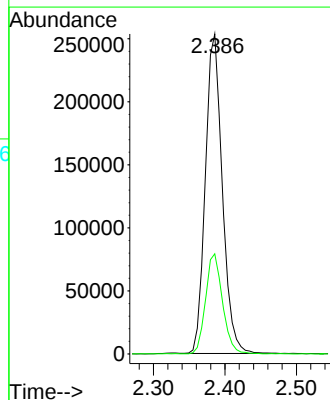
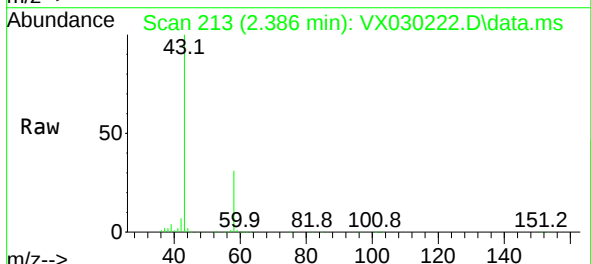
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

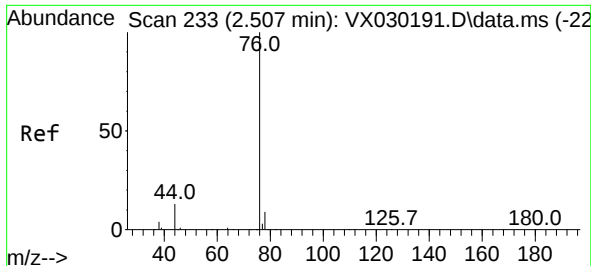
Tgt Ion: 53 Resp: 461034  
Ion Ratio Lower Upper  
53 100  
52 83.3 65.4 98.0  
51 35.3 27.7 41.5



#16  
Acetone  
Concen: 254.801 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 43 Resp: 417584  
Ion Ratio Lower Upper  
43 100  
58 31.3 27.7 41.5

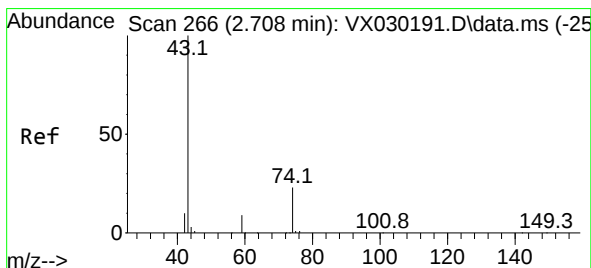
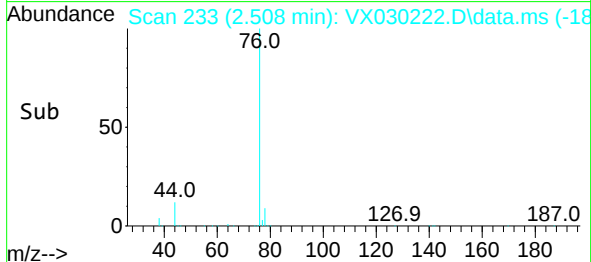
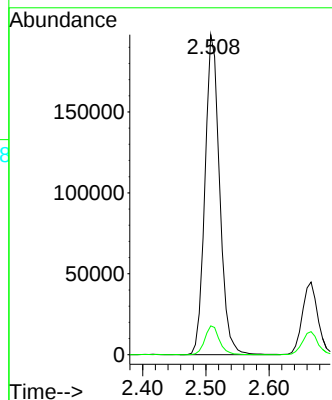
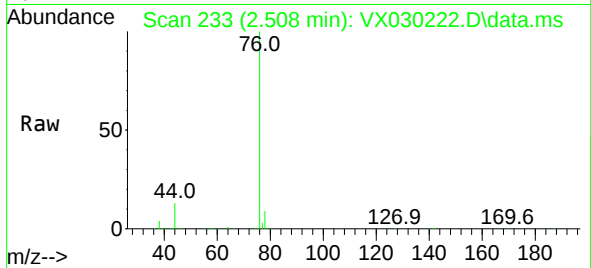




#17  
Carbon Disulfide  
Concen: 47.549 ug/l  
RT: 2.508 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

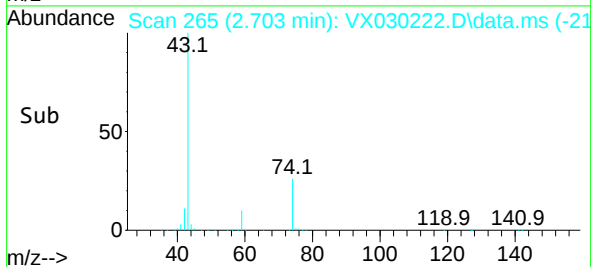
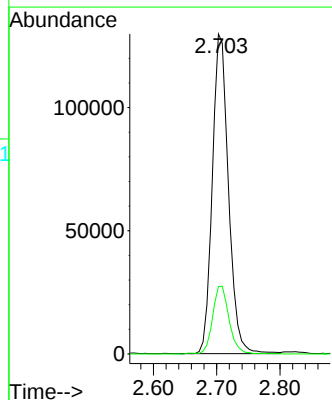
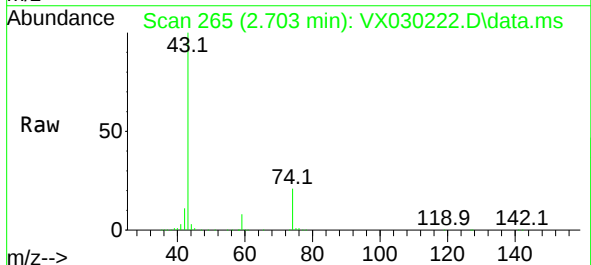
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 319332  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.8 11.6



#18  
Methyl Acetate  
Concen: 47.506 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.005 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 43 Resp: 230284  
Ion Ratio Lower Upper  
43 100  
74 21.8 19.4 29.2

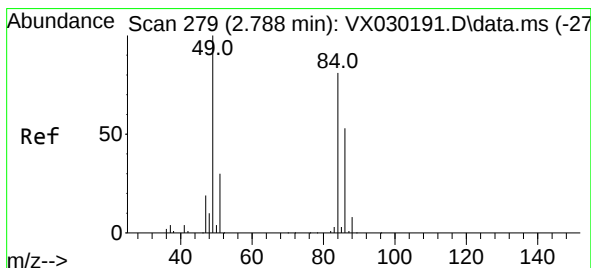
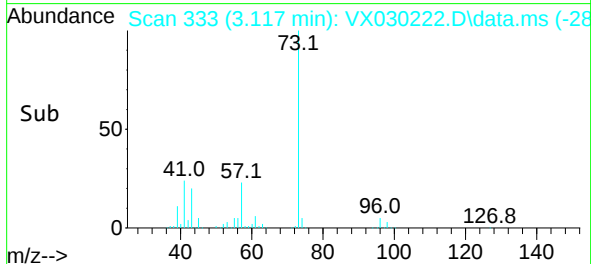
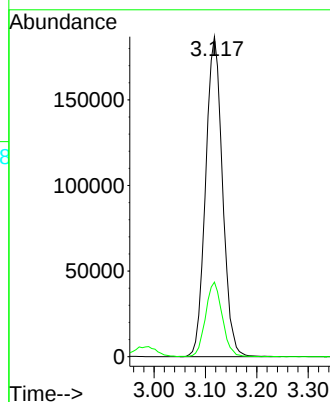
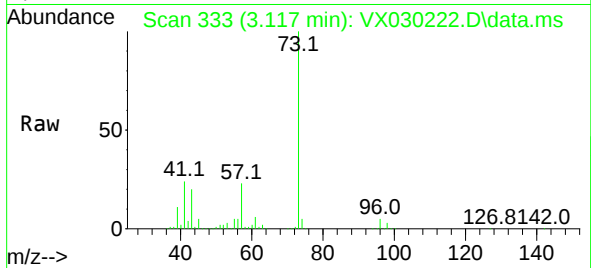




#19  
Methyl tert-butyl Ether  
Concen: 49.989 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

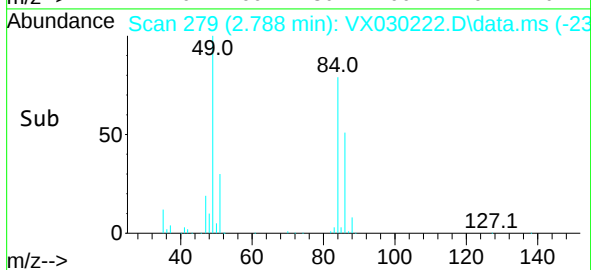
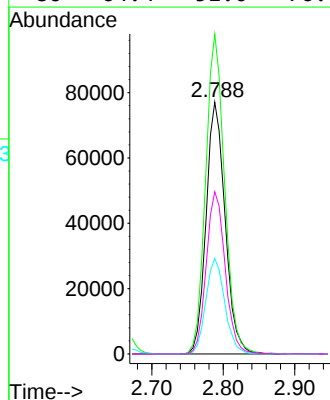
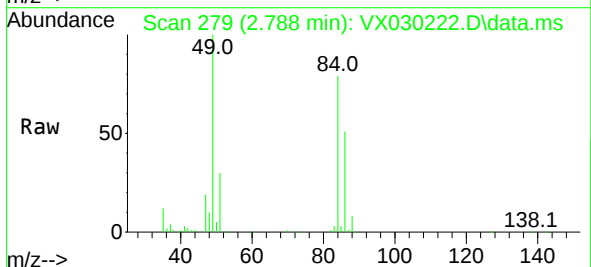
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

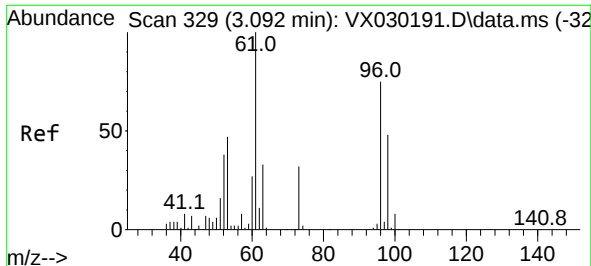
Tgt Ion: 73 Resp: 426014  
Ion Ratio Lower Upper  
73 100  
57 23.3 19.0 28.6



#20  
Methylene Chloride  
Concen: 50.784 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 84 Resp: 142545  
Ion Ratio Lower Upper  
84 100  
49 127.0 93.8 140.6  
51 37.9 29.4 44.0  
86 64.4 51.0 76.4

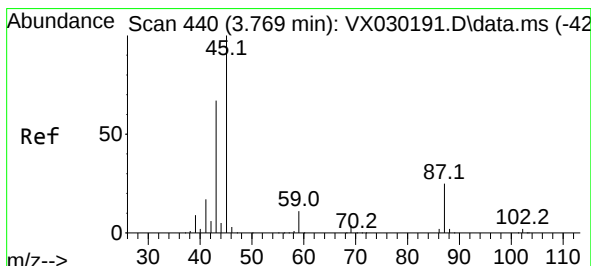
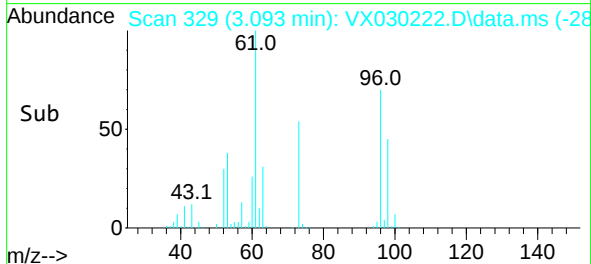
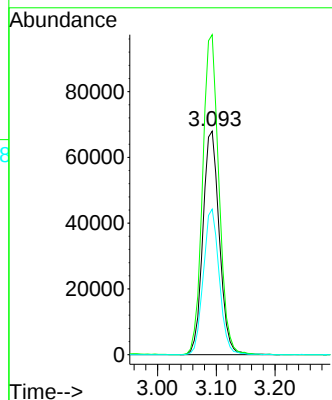
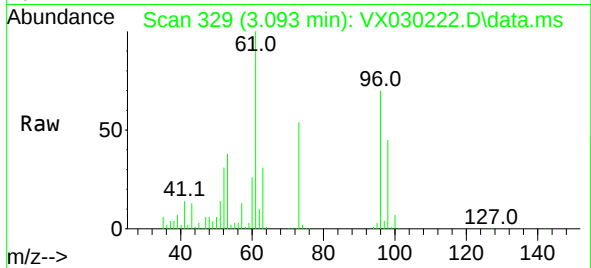




#21  
trans-1,2-Dichloroethene  
Concen: 48.119 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

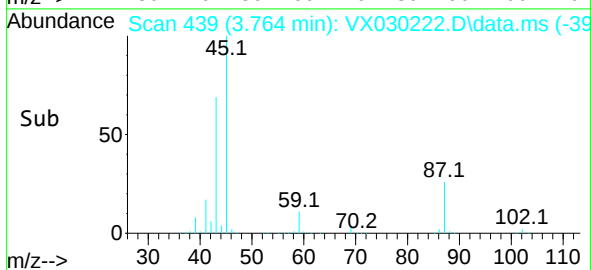
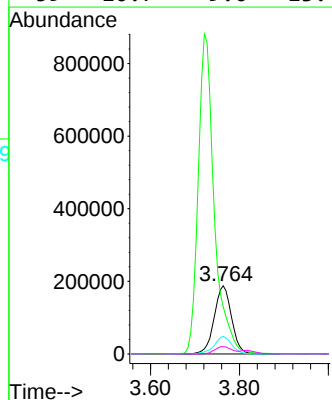
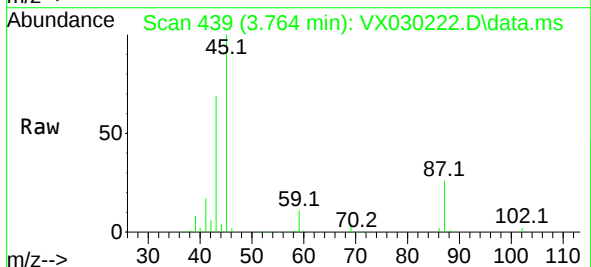
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

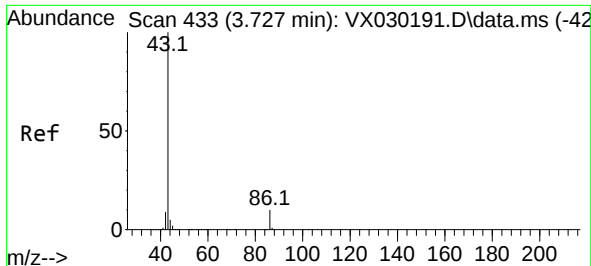
Tgt Ion: 96 Resp: 132138  
Ion Ratio Lower Upper  
96 100  
61 143.2 105.6 158.4  
98 65.1 50.1 75.1



#22  
Diisopropyl ether  
Concen: 52.165 ug/l  
RT: 3.764 min Scan# 439  
Delta R.T. -0.005 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 45 Resp: 506713  
Ion Ratio Lower Upper  
45 100  
43 68.9 65.4 98.0  
87 25.8 22.3 33.5  
59 10.7 9.0 13.4

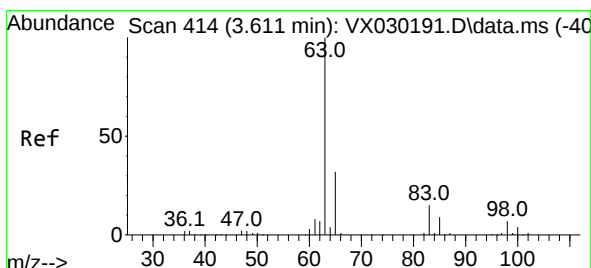
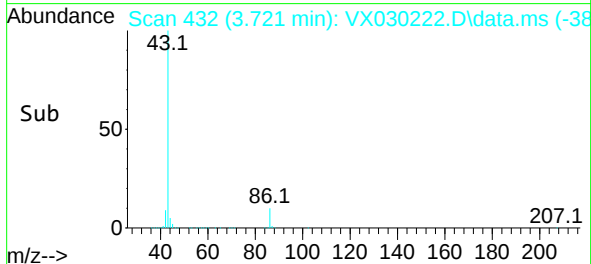
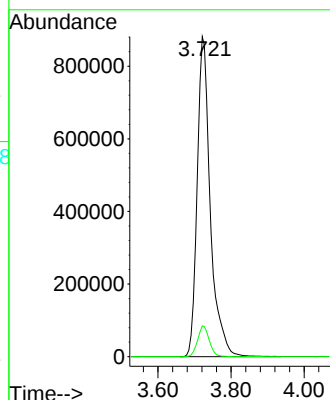
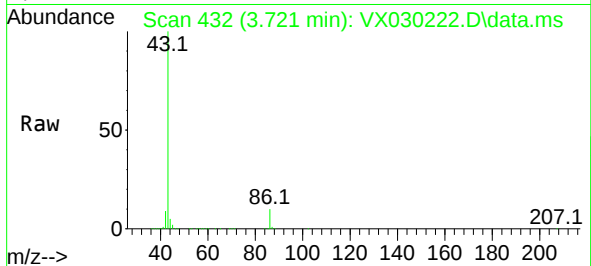




#23  
 Vinyl Acetate  
 Concen: 262.059 ug/l  
 RT: 3.721 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

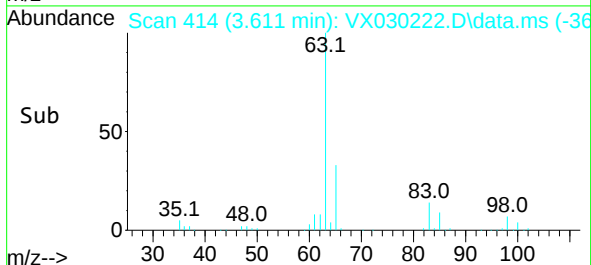
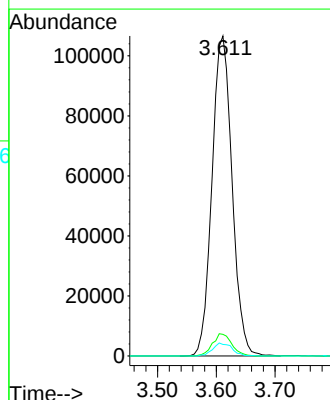
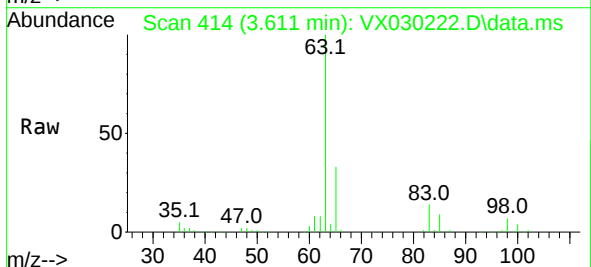
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2208134  
 Ion Ratio Lower Upper  
 43 100  
 86 9.6 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 49.088 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

Tgt Ion: 63 Resp: 253372  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.5 10.5  
 100 3.6 2.3 6.9

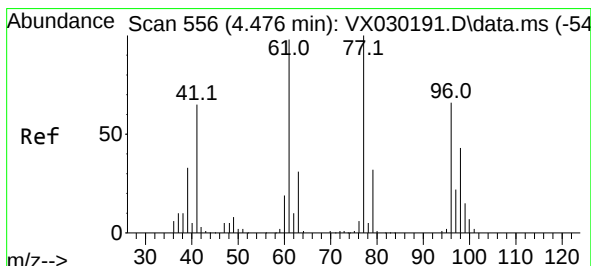
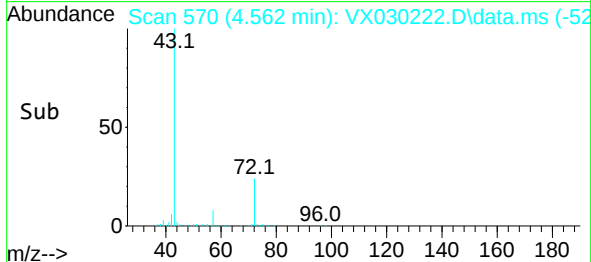
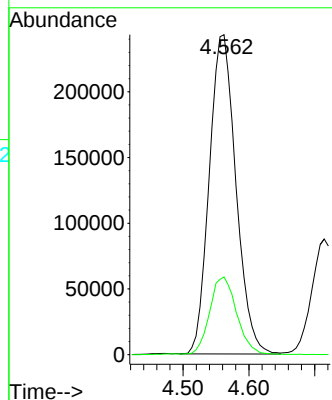
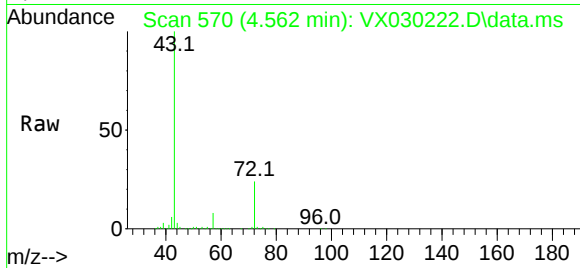




#25  
2-Butanone  
Concen: 248.612 ug/l  
RT: 4.562 min Scan# 571  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

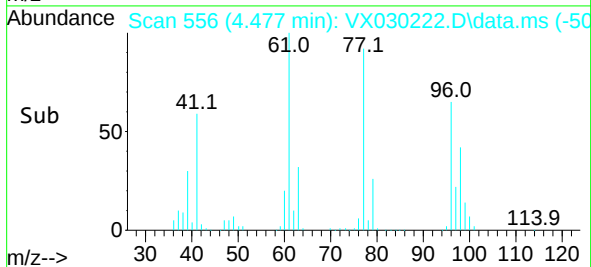
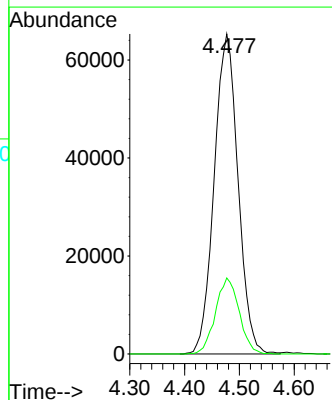
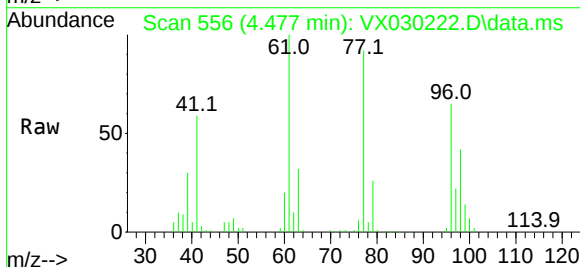
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

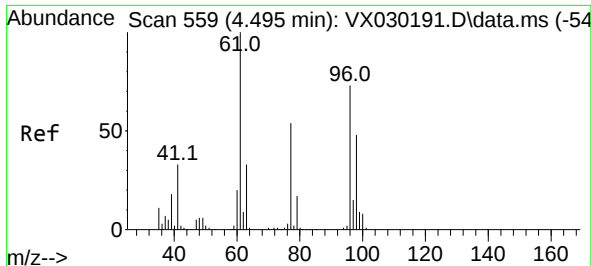
Tgt Ion: 43 Resp: 684676  
Ion Ratio Lower Upper  
43 100  
72 24.2 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 52.825 ug/l  
RT: 4.477 min Scan# 556  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 77 Resp: 197162  
Ion Ratio Lower Upper  
77 100  
97 23.6 13.0 39.0





#27

cis-1,2-Dichloroethene

Concen: 48.576 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

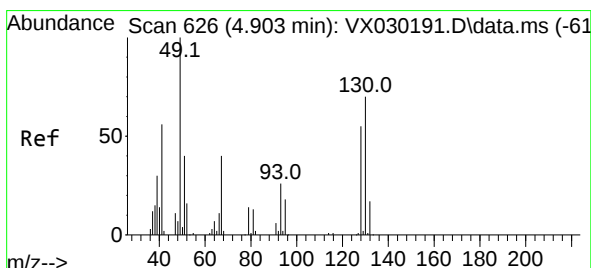
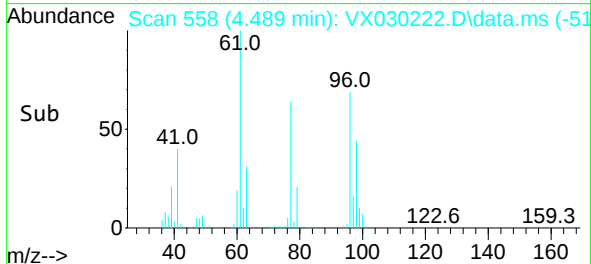
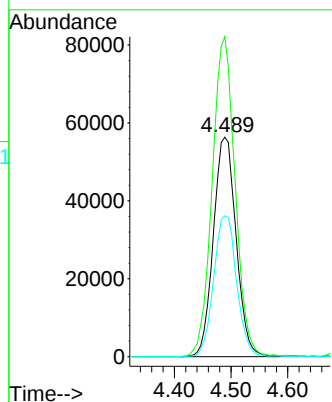
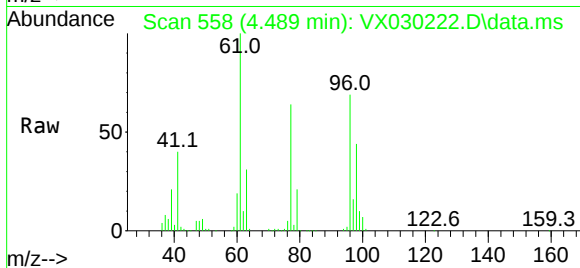
Tgt Ion: 96 Resp: 156863

Ion Ratio Lower Upper

96 100

61 146.9 0.0 270.0

98 64.8 0.0 127.8



#28

Bromochloromethane

Concen: 53.864 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

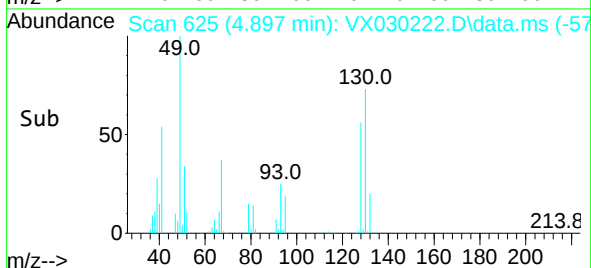
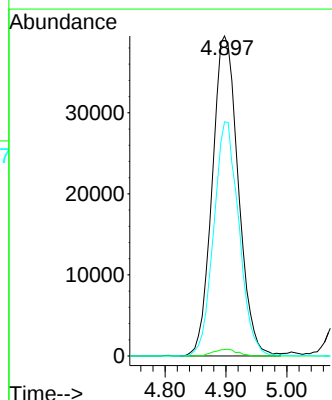
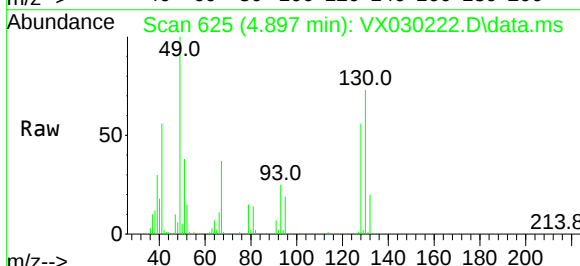
Tgt Ion: 49 Resp: 117457

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.4

130 70.7 62.8 94.2





#29

Tetrahydrofuran

Concen: 242.036 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

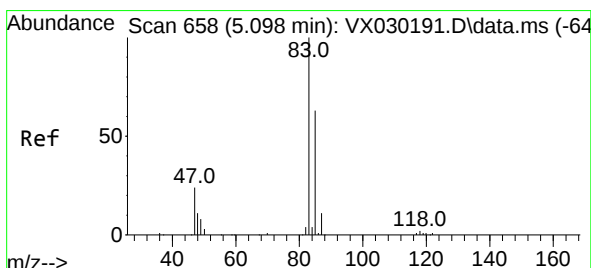
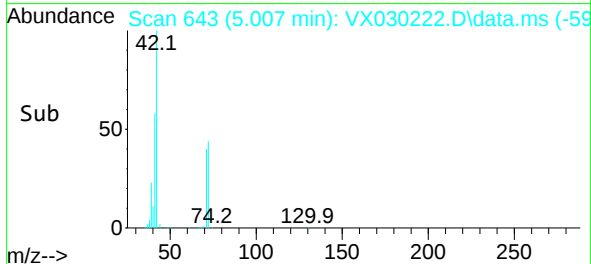
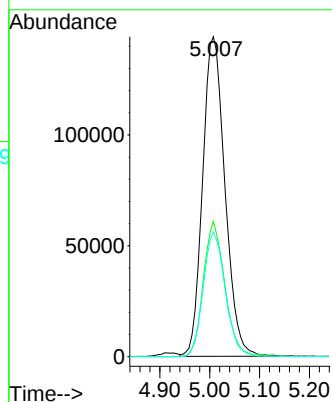
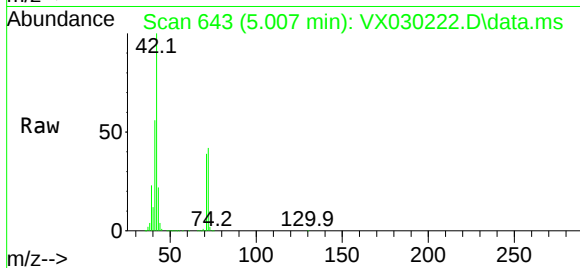
Tgt Ion: 42 Resp: 448491

Ion Ratio Lower Upper

42 100

72 40.9 36.5 54.7

71 38.5 33.9 50.9



#30

Chloroform

Concen: 49.217 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.005 min

Lab File: VX030222.D

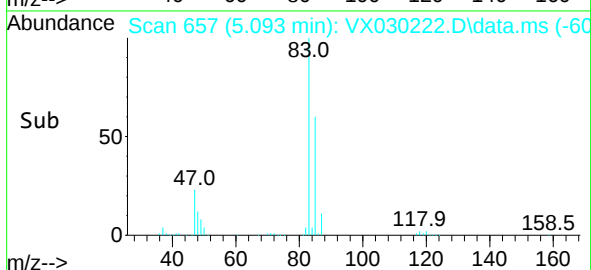
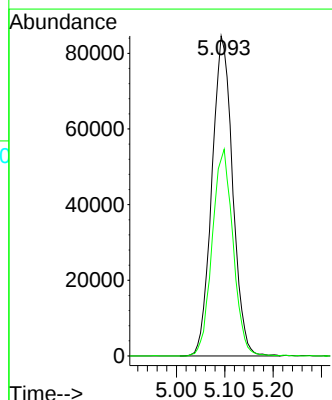
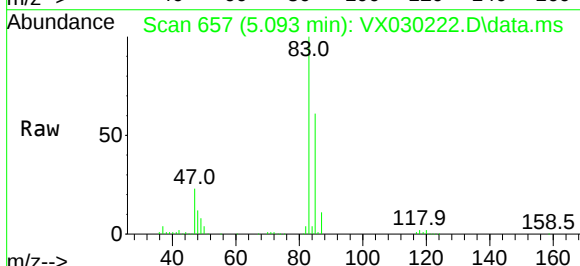
Acq: 27 Jul 2022 09:27

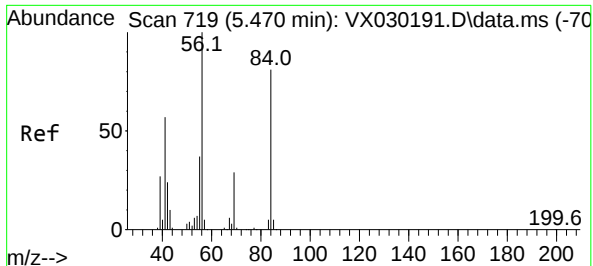
Tgt Ion: 83 Resp: 251528

Ion Ratio Lower Upper

83 100

85 61.5 51.5 77.3

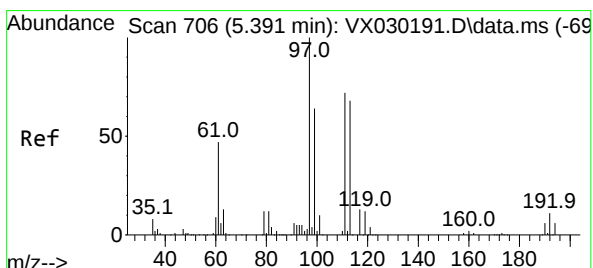
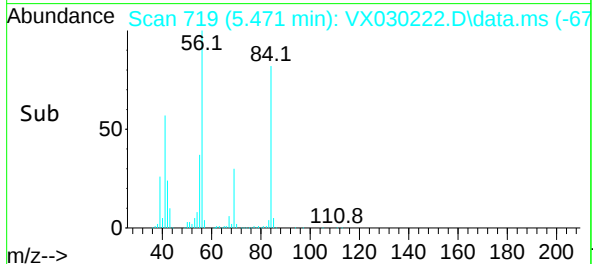
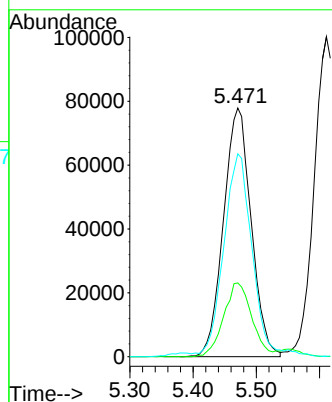
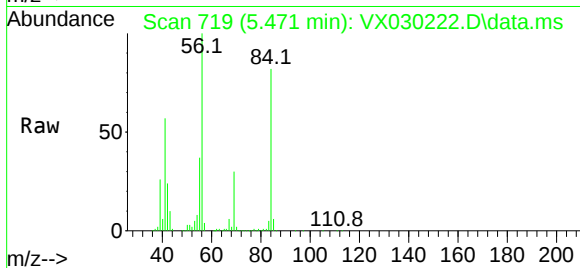




#31  
Cyclohexane  
Concen: 50.899 ug/l  
RT: 5.471 min Scan# 719  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

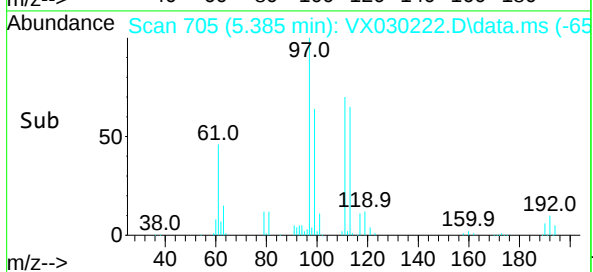
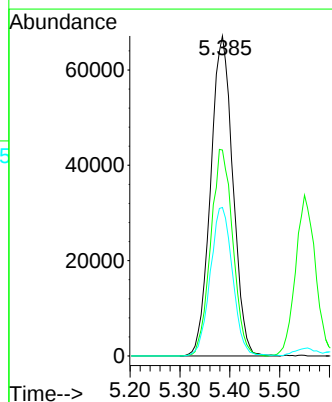
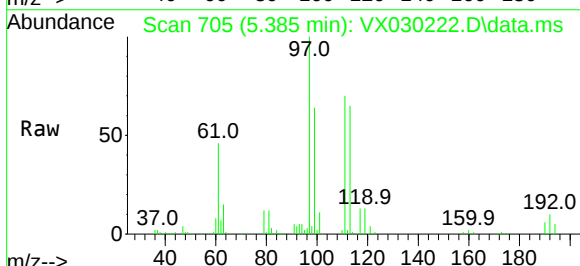
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

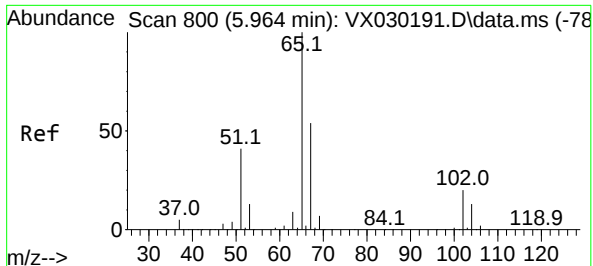
Tgt Ion: 56 Resp: 236561  
Ion Ratio Lower Upper  
56 100  
69 29.7 25.4 38.0  
84 80.1 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 50.082 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 97 Resp: 208047  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.4 77.0  
61 46.7 35.8 53.8





#33

1,2-Dichloroethane-d4

Concen: 49.828 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

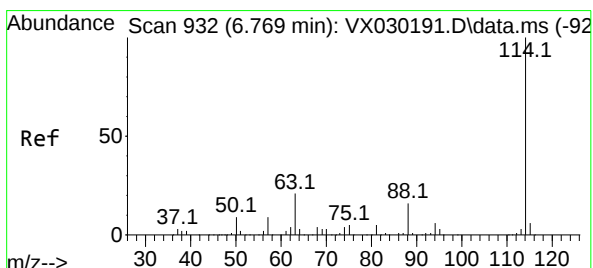
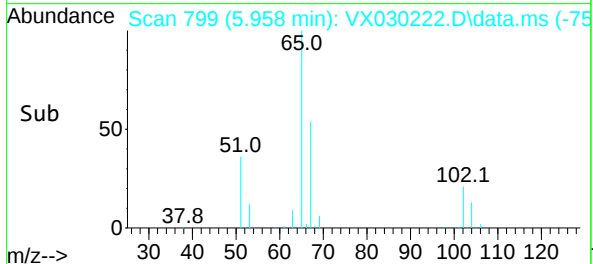
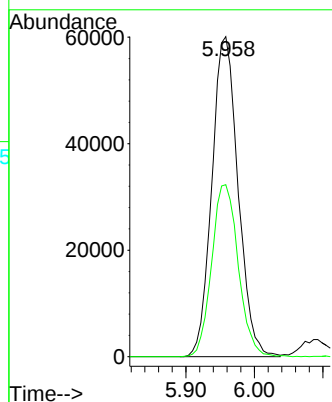
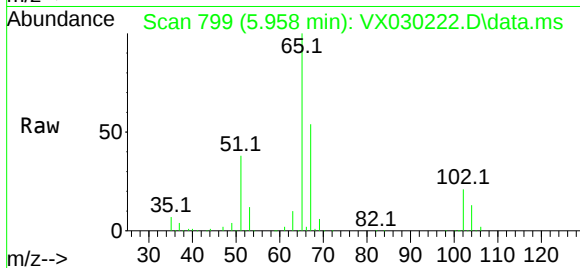
VSTDCCC050

Tgt Ion: 65 Resp: 159502

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

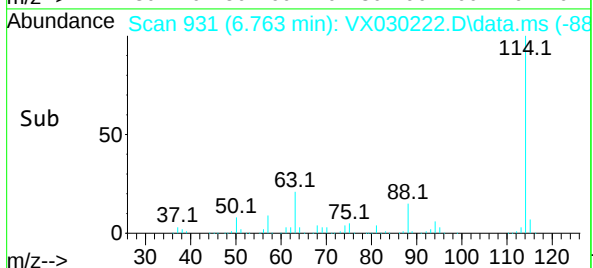
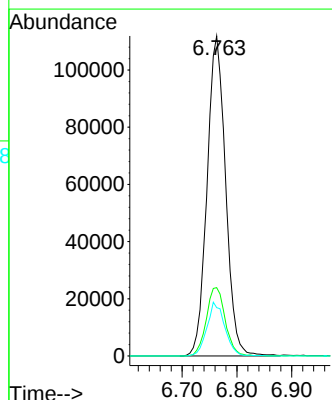
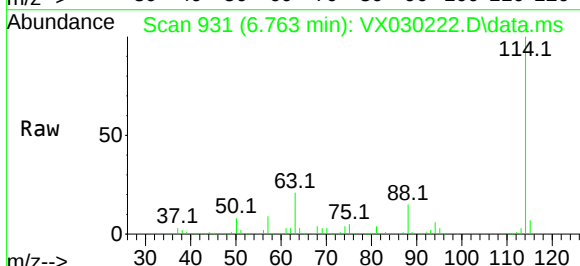
Tgt Ion: 114 Resp: 262341

Ion Ratio Lower Upper

114 100

63 21.3 0.0 38.4

88 15.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.812 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

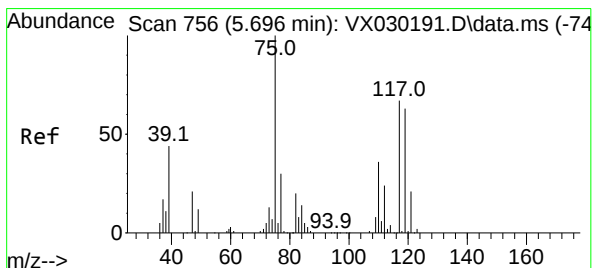
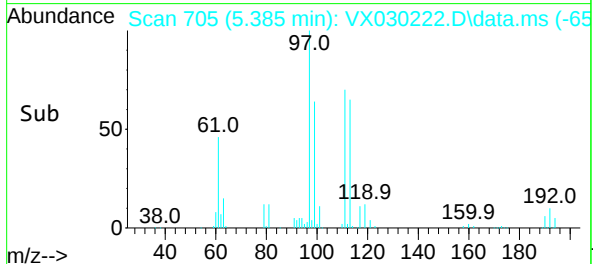
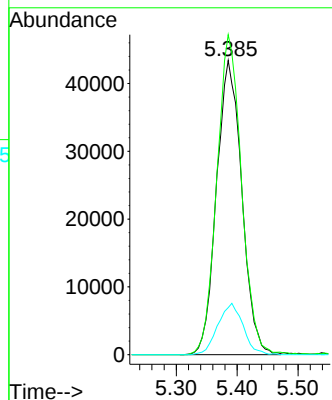
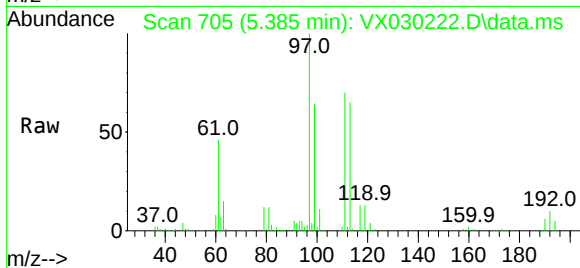
Tgt Ion:113 Resp: 124920

Ion Ratio Lower Upper

113 100

111 106.3 83.2 124.8

192 17.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 52.054 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

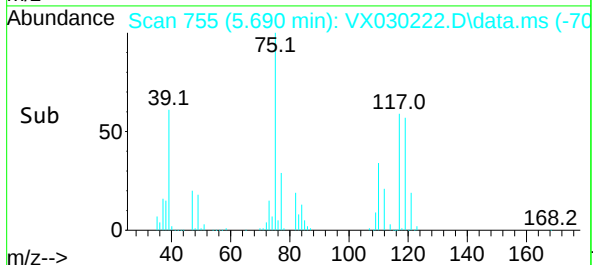
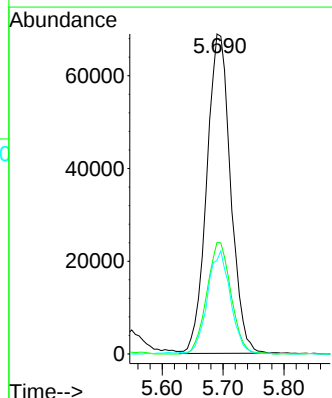
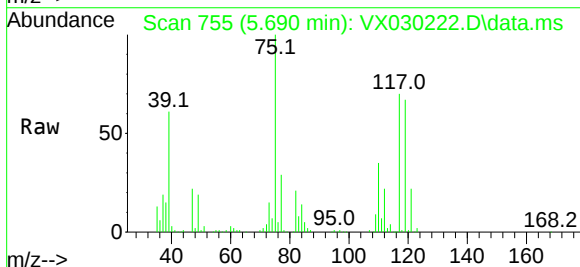
Tgt Ion: 75 Resp: 187868

Ion Ratio Lower Upper

75 100

110 35.3 19.3 57.9

77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 49.697 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

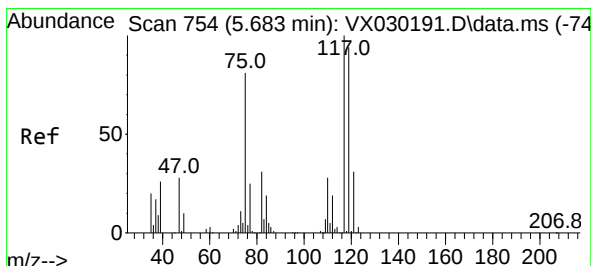
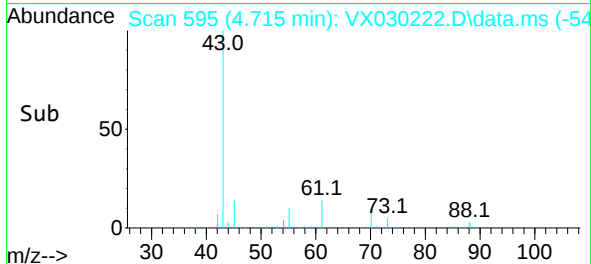
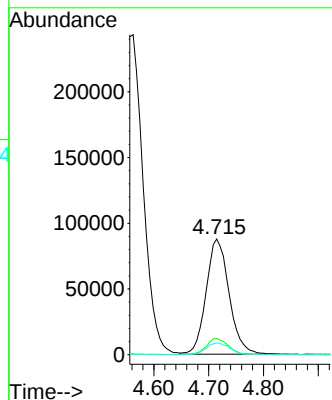
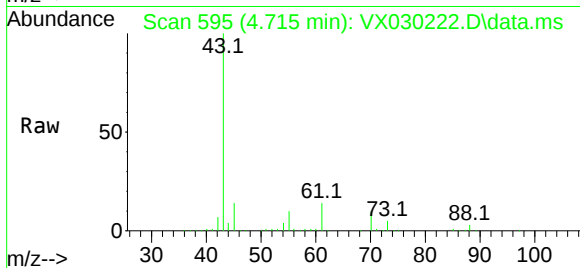
Tgt Ion: 43 Resp: 253994

Ion Ratio Lower Upper

43 100

61 13.2 11.7 17.5

70 10.4 9.3 13.9



#38

Carbon Tetrachloride

Concen: 52.708 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

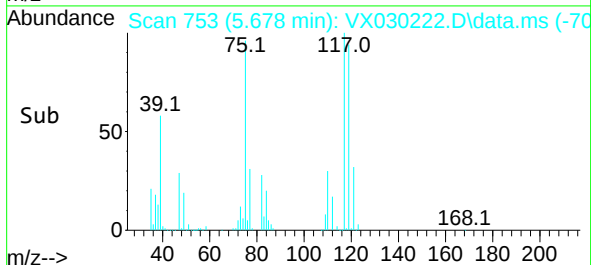
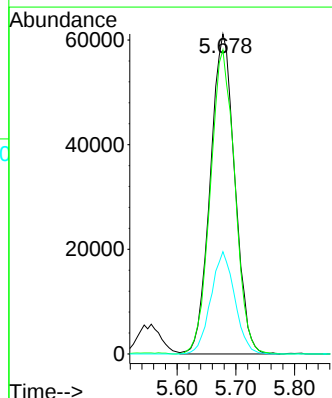
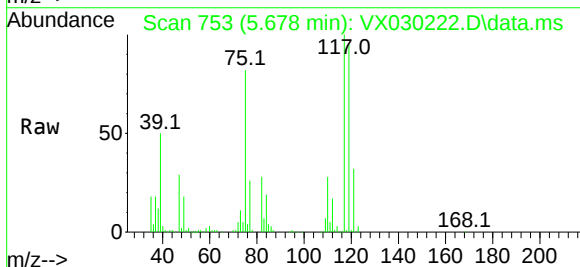
Tgt Ion: 117 Resp: 177588

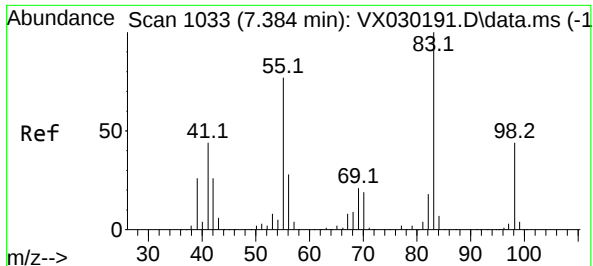
Ion Ratio Lower Upper

117 100

119 95.0 74.1 111.1

121 31.9 25.8 38.8

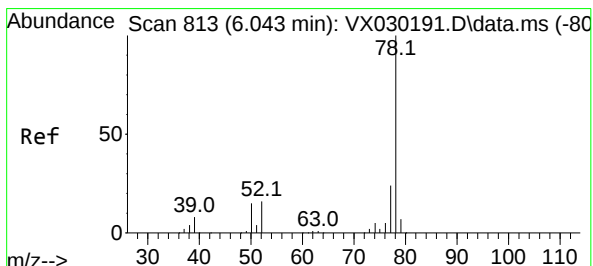
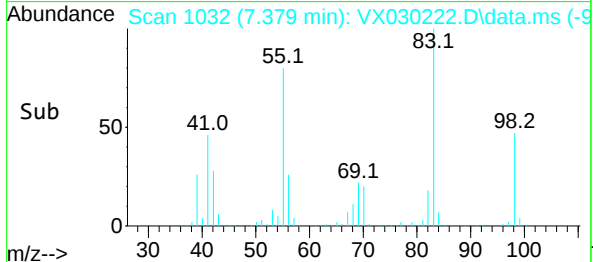
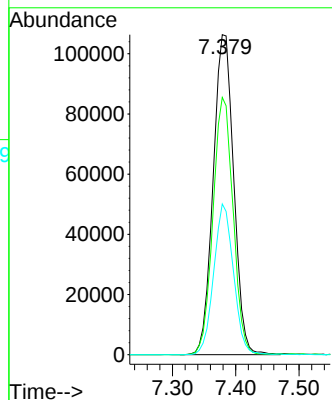
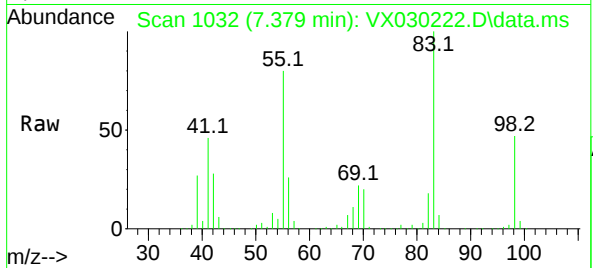




#39  
Methylcyclohexane  
Concen: 51.515 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.005 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

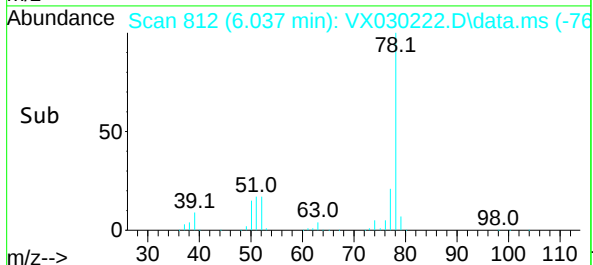
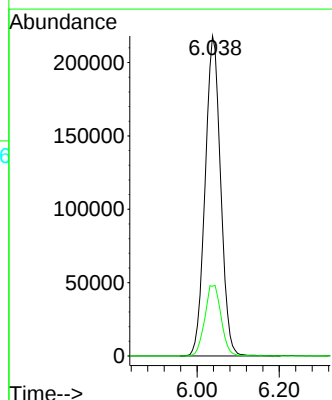
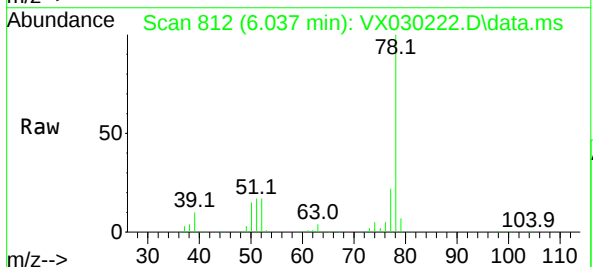
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

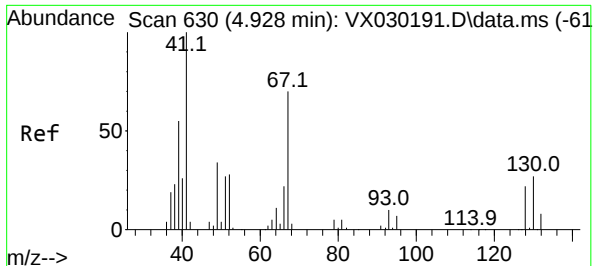
Tgt Ion: 83 Resp: 239982  
Ion Ratio Lower Upper  
83 100  
55 80.4 57.7 86.5  
98 47.1 36.5 54.7



#40  
Benzene  
Concen: 50.234 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 78 Resp: 570421  
Ion Ratio Lower Upper  
78 100  
77 21.8 18.0 27.0

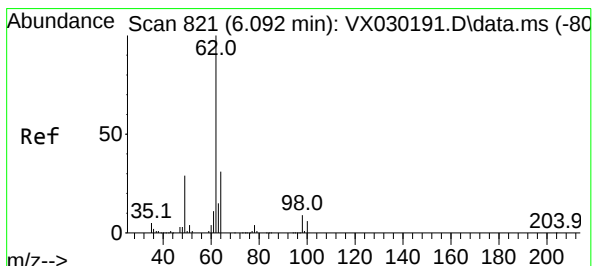
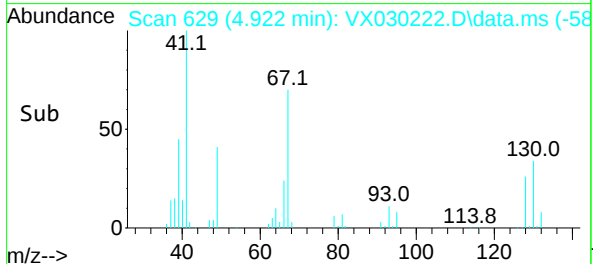
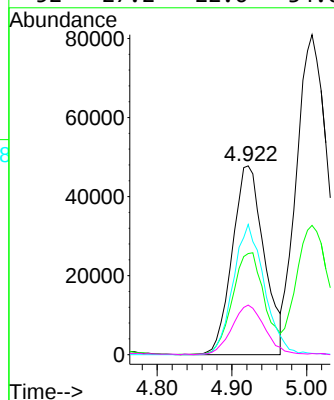
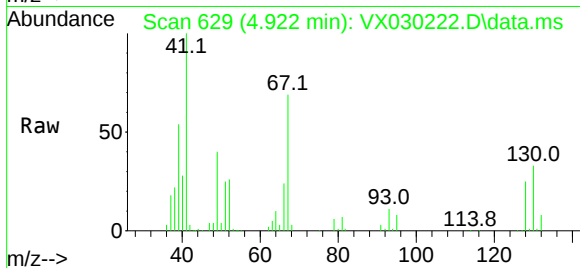




#41  
Methacrylonitrile  
Concen: 51.694 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

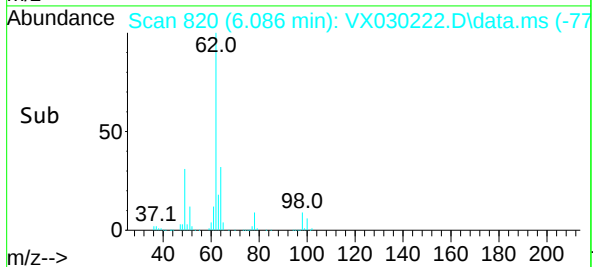
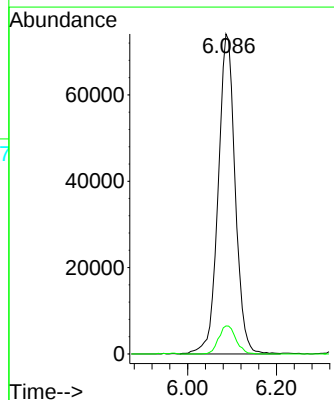
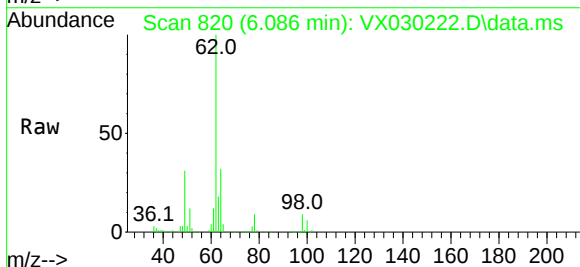
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 141622 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 54.5  | 42.9  | 64.3   |
| 67       | 67.7  | 60.1  | 90.1   |
| 52       | 27.2  | 22.6  | 34.0   |



#42  
1,2-Dichloroethane  
Concen: 50.024 ug/l  
RT: 6.086 min Scan# 820  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 196280 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.9   | 0.0   | 20.2   |

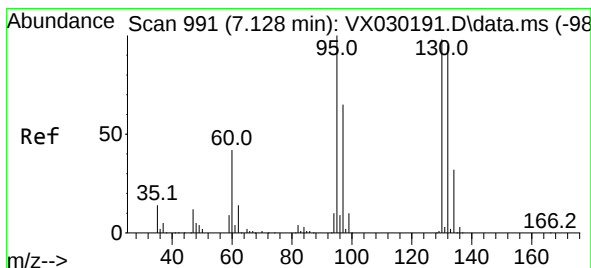
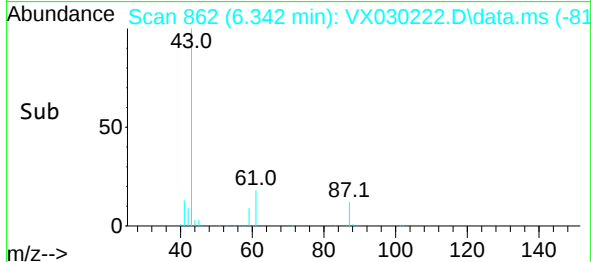
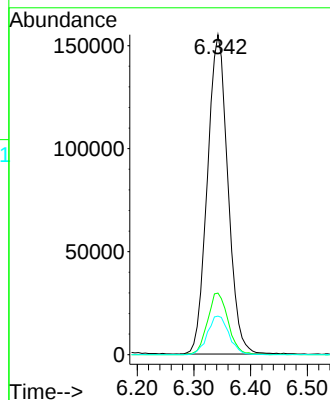
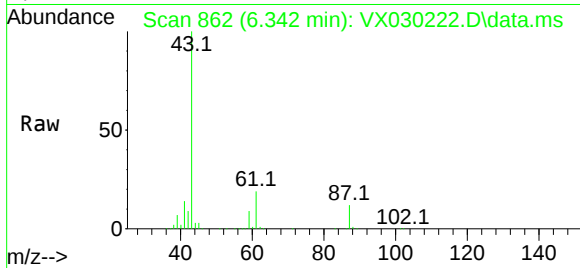




#43  
Isopropyl Acetate  
Concen: 51.960 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

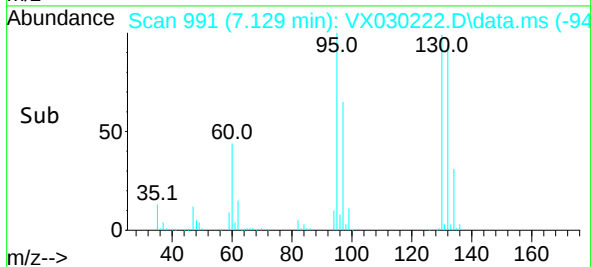
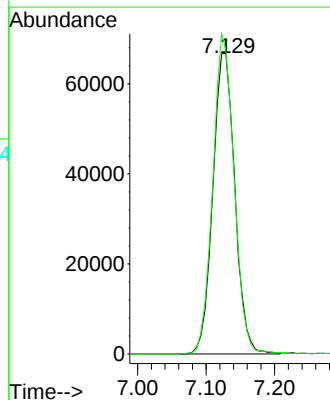
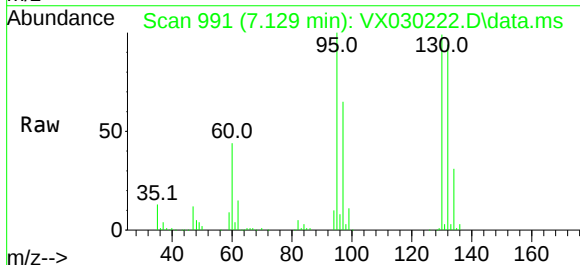
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

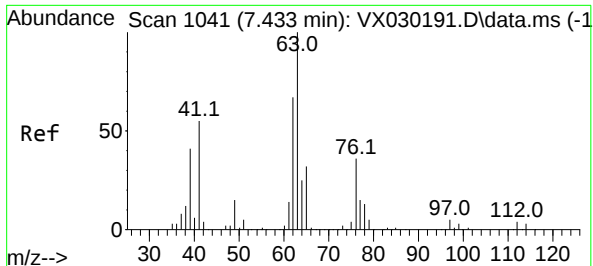
Tgt Ion: 43 Resp: 389299  
Ion Ratio Lower Upper  
43 100  
61 19.4 16.5 24.7  
87 12.6 11.1 16.7



#44  
Trichloroethene  
Concen: 47.926 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion:130 Resp: 148701  
Ion Ratio Lower Upper  
130 100  
95 101.3 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.662 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

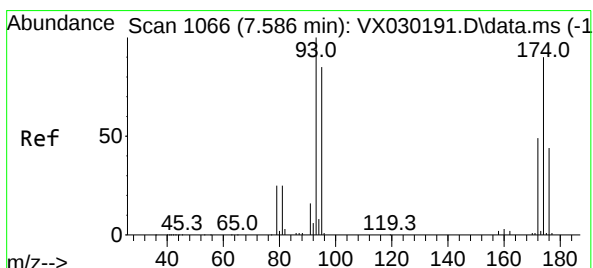
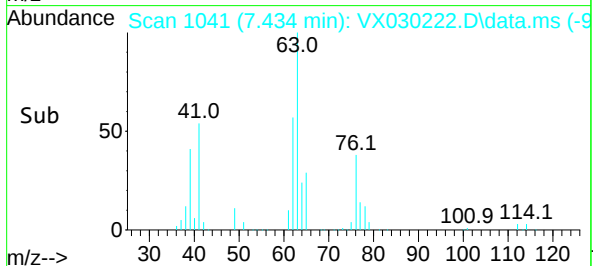
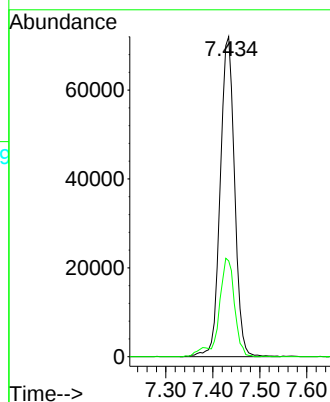
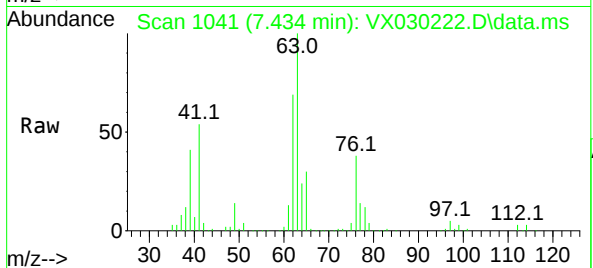
VSTDCCC050

Tgt Ion: 63 Resp: 153434

Ion Ratio Lower Upper

63 100

65 29.9 25.2 37.8



#46

Dibromomethane

Concen: 48.674 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

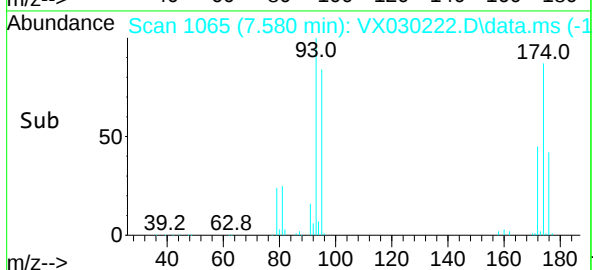
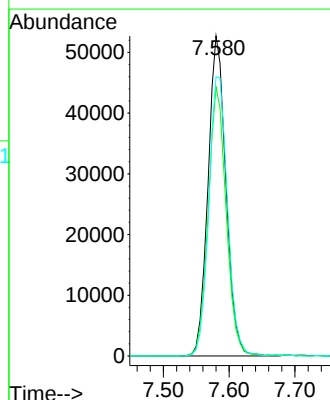
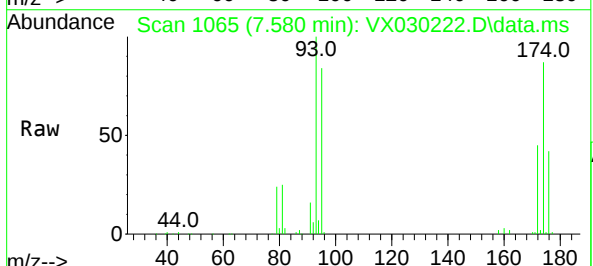
Tgt Ion: 93 Resp: 100250

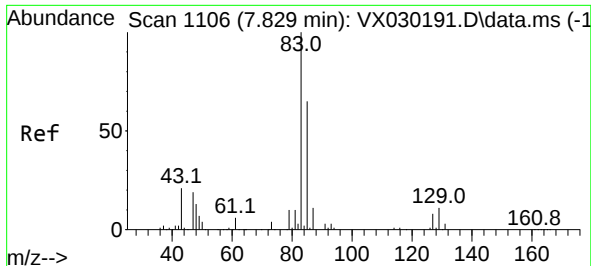
Ion Ratio Lower Upper

93 100

95 84.0 67.4 101.0

174 90.6 75.6 113.4





#47

Bromodichloromethane

Concen: 51.992 ug/l

RT: 7.824 min Scan# 1106

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

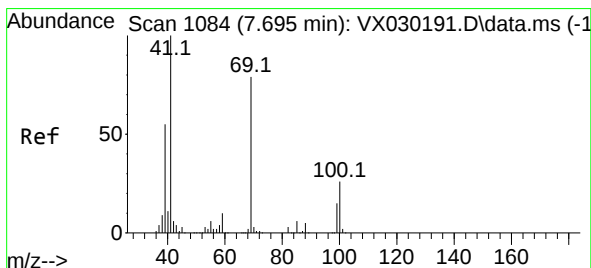
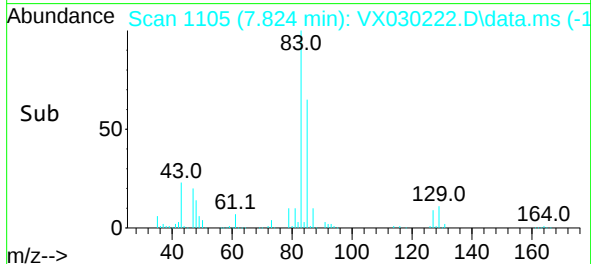
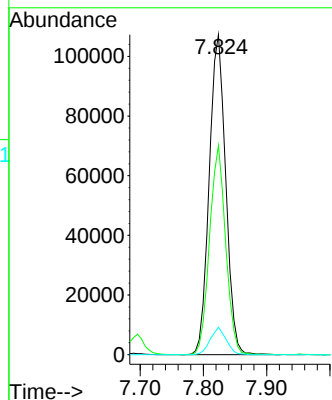
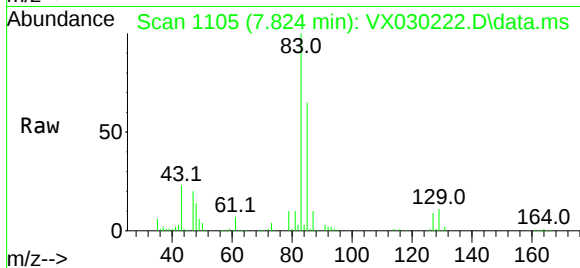
Tgt Ion: 83 Resp: 194666

Ion Ratio Lower Upper

83 100

85 65.3 53.5 80.3

127 8.6 6.6 10.0



#48

Methyl methacrylate

Concen: 52.435 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

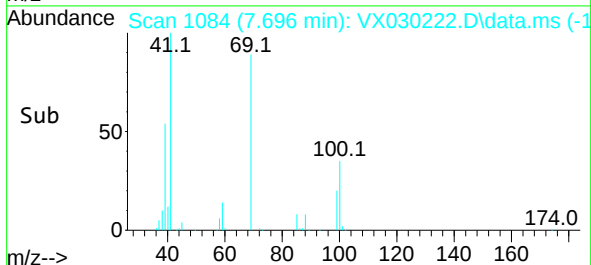
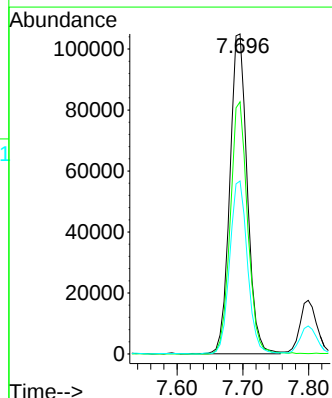
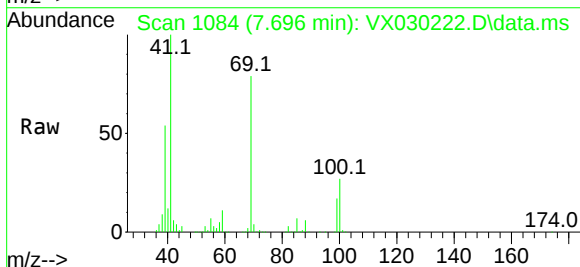
Tgt Ion: 41 Resp: 193365

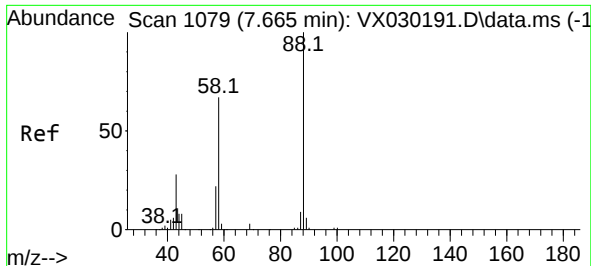
Ion Ratio Lower Upper

41 100

69 78.6 68.8 103.2

39 55.2 44.6 66.8

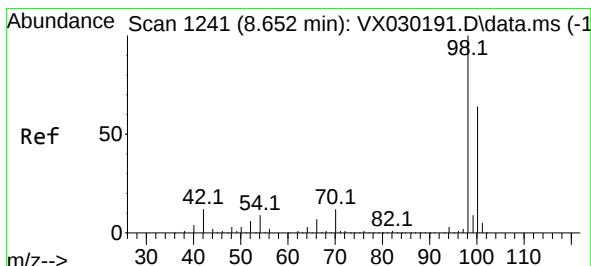
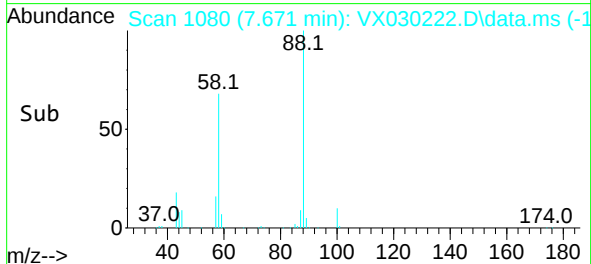
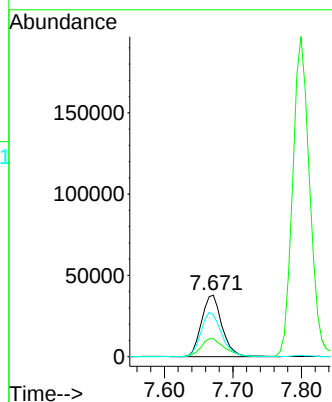
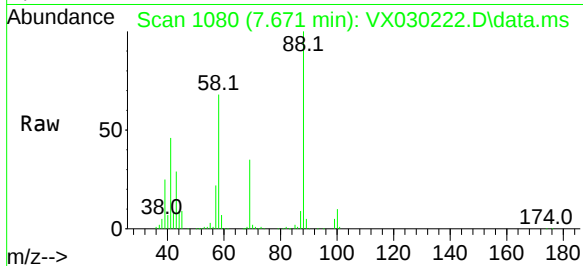




#49  
1,4-Dioxane  
Concen: 921.655 ug/l  
RT: 7.671 min Scan# 1080  
Delta R.T. 0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

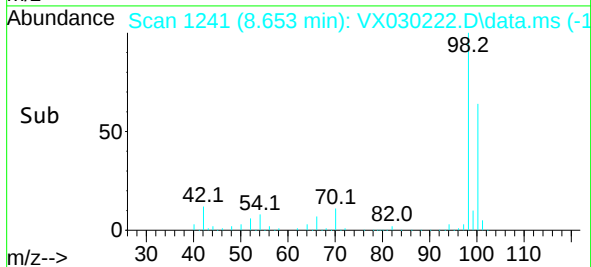
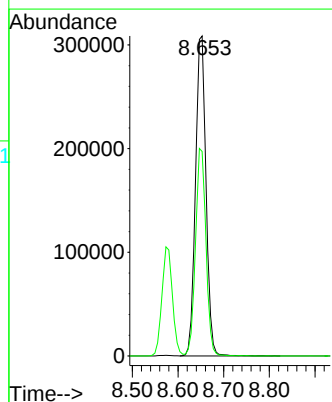
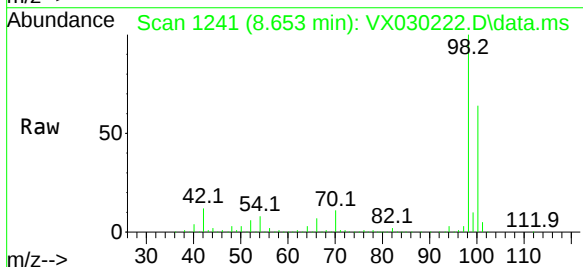
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

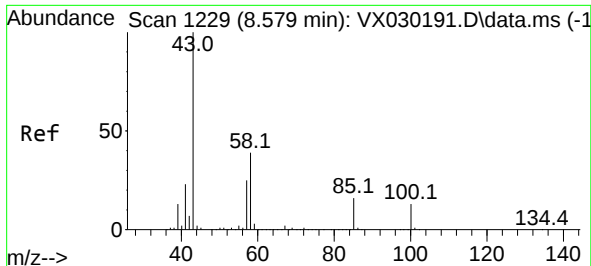
Tgt Ion: 88 Resp: 78501  
Ion Ratio Lower Upper  
88 100  
43 32.9 23.8 35.8  
58 72.6 53.8 80.6



#50  
Toluene-d8  
Concen: 50.843 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 98 Resp: 493787  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.3 78.5

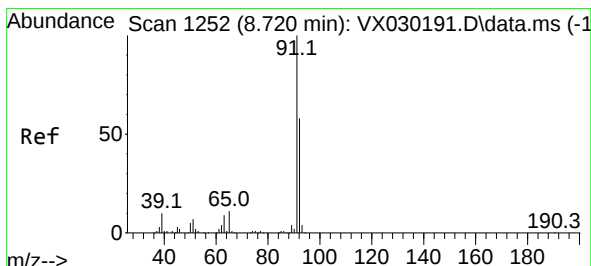
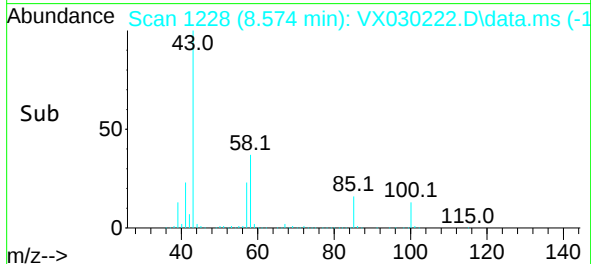
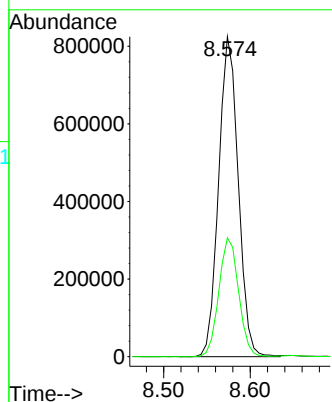
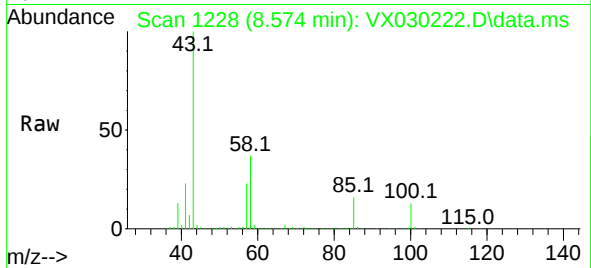




#51  
4-Methyl-2-Pentanone  
Concen: 254.670 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. -0.005 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

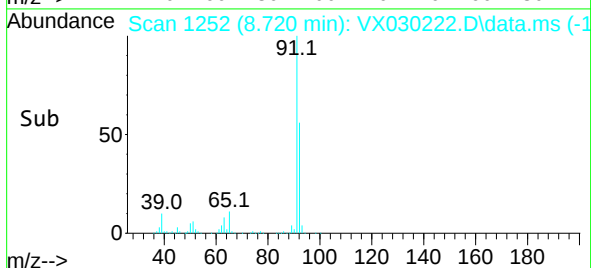
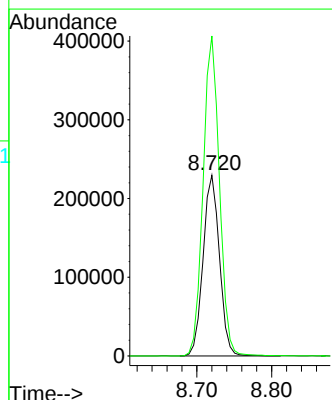
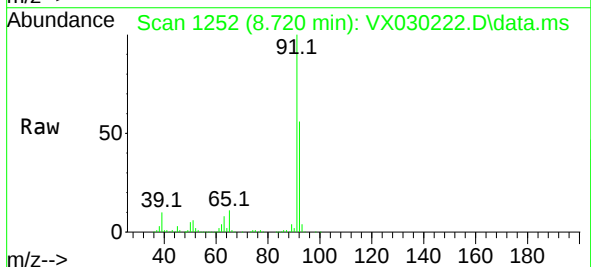
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

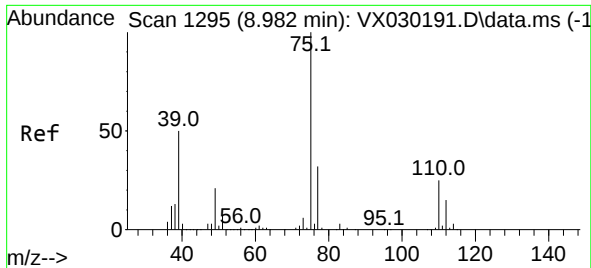
Tgt Ion: 43 Resp: 1295356  
Ion Ratio Lower Upper  
43 100  
58 37.4 31.4 47.2



#52  
Toluene  
Concen: 50.360 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 92 Resp: 348891  
Ion Ratio Lower Upper  
92 100  
91 176.5 139.2 208.8

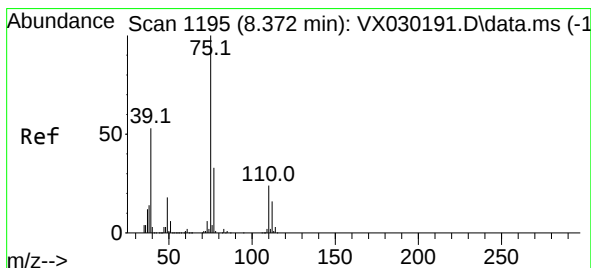
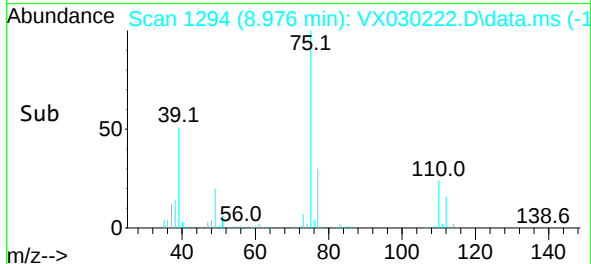
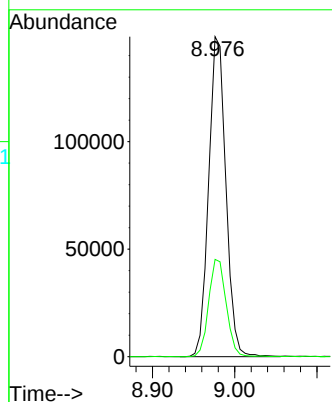
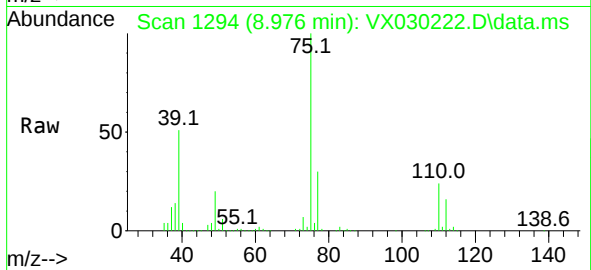




#53  
 t-1,3-Dichloropropene  
 Concen: 53.577 ug/l  
 RT: 8.976 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

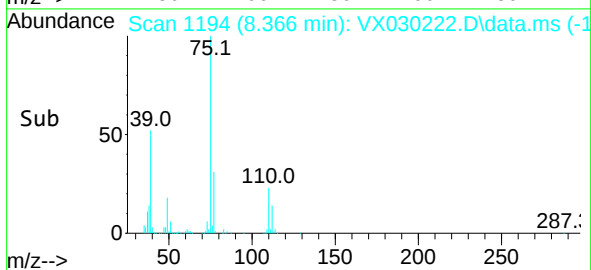
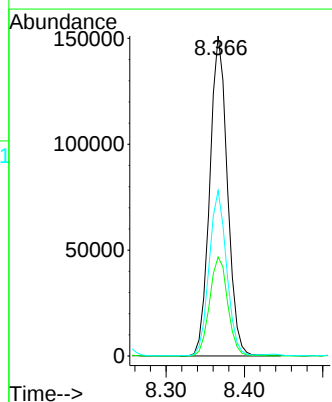
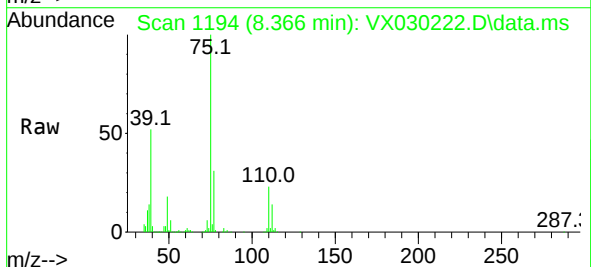
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

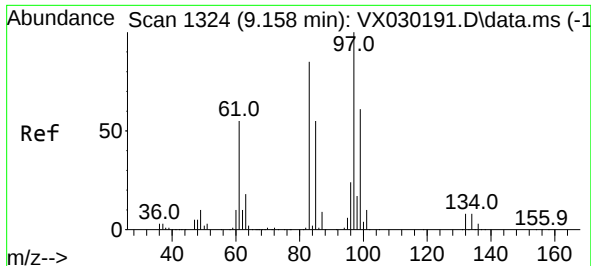
Tgt Ion: 75 Resp: 216238  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 26.3 39.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 53.712 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. -0.006 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

Tgt Ion: 75 Resp: 236235  
 Ion Ratio Lower Upper  
 75 100  
 77 31.0 25.0 37.4  
 39 51.6 37.5 56.3





#55

1,1,2-Trichloroethane

Concen: 48.928 ug/l

RT: 9.153 min Scan# 11

Delta R.T. -0.005 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 144323

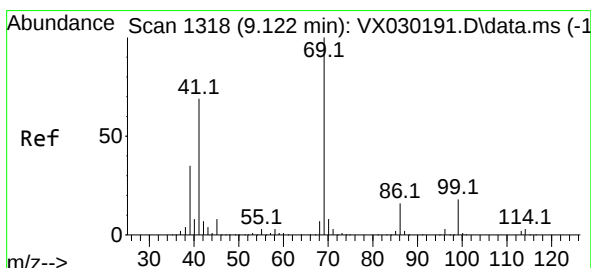
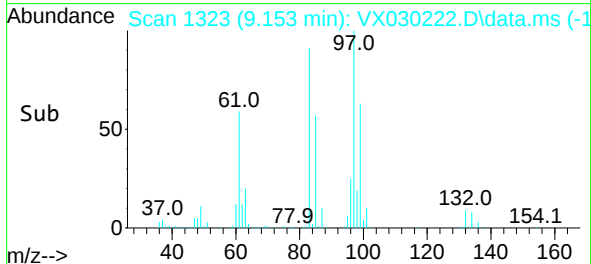
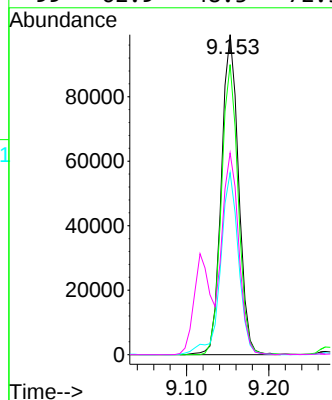
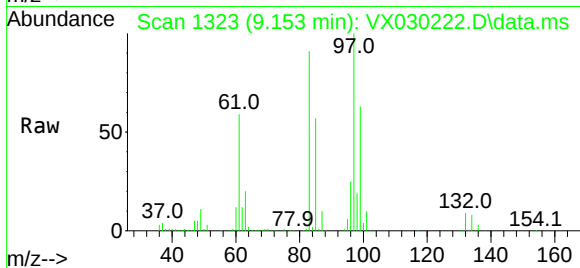
Ion Ratio Lower Upper

97 100

83 90.6 68.9 103.3

85 56.9 44.0 66.0

99 62.9 48.3 72.5



#56

Ethyl methacrylate

Concen: 52.245 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

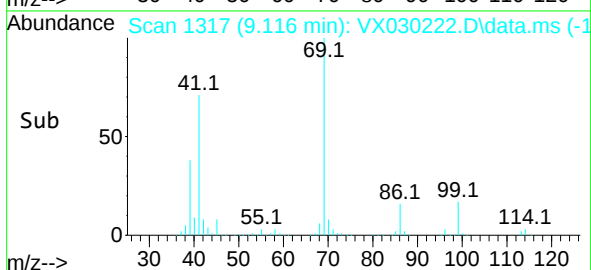
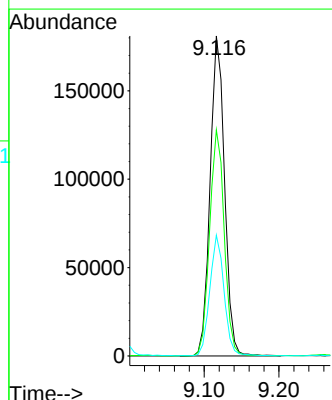
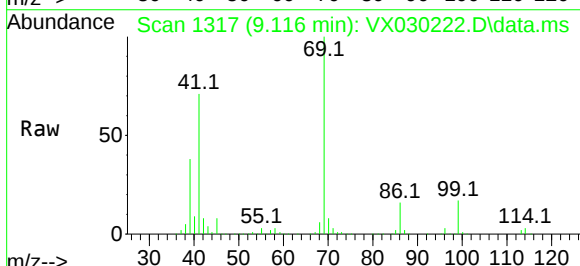
Tgt Ion: 69 Resp: 243619

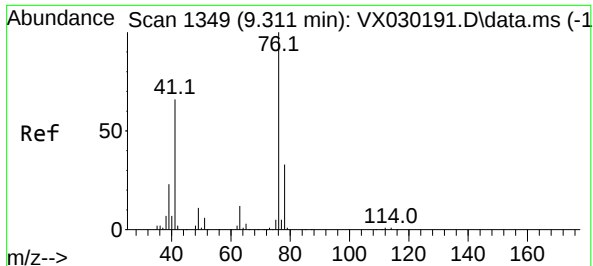
Ion Ratio Lower Upper

69 100

41 71.5 52.3 78.5

39 37.3 28.2 42.4





#57

1,3-Dichloropropane

Concen: 50.312 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

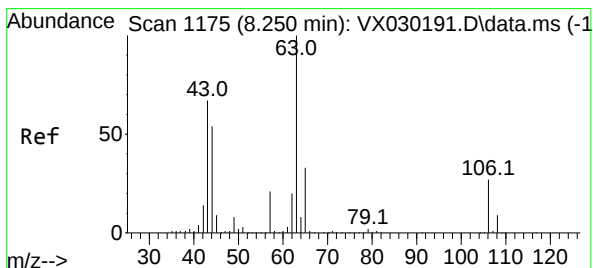
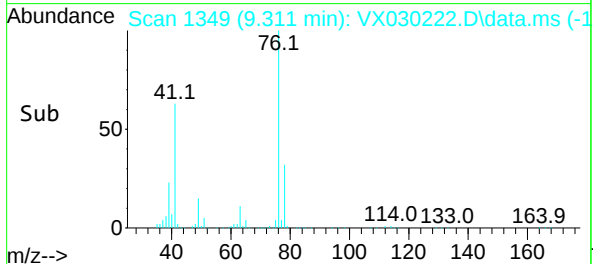
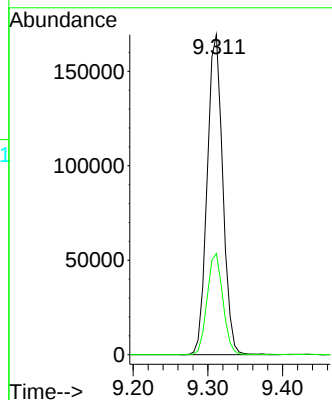
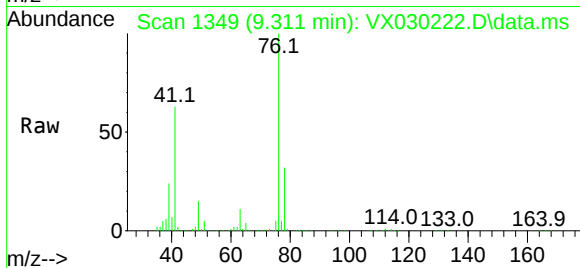
VSTDCCC050

Tgt Ion: 76 Resp: 244971

Ion Ratio Lower Upper

76 100

78 31.9 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 280.022 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VX030222.D

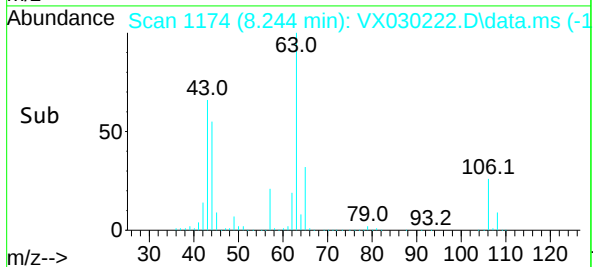
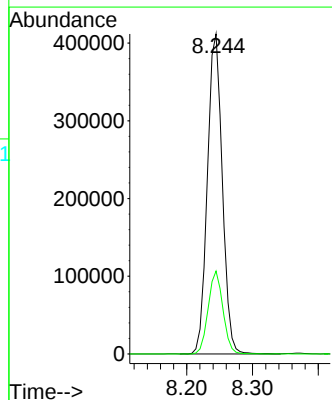
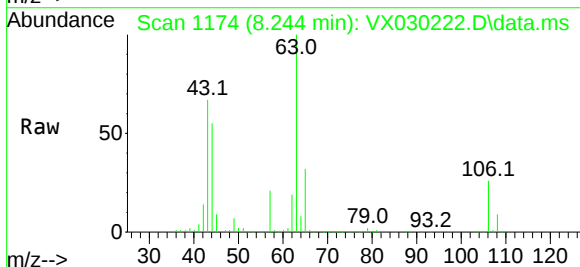
Acq: 27 Jul 2022 09:27

Tgt Ion: 63 Resp: 648034

Ion Ratio Lower Upper

63 100

106 25.7 22.2 33.2

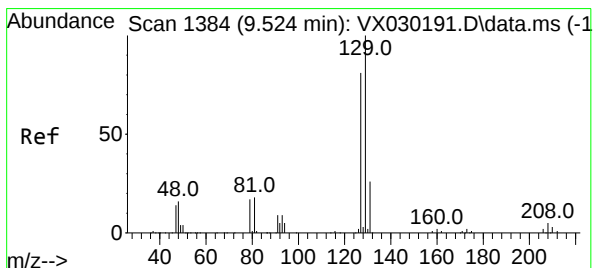
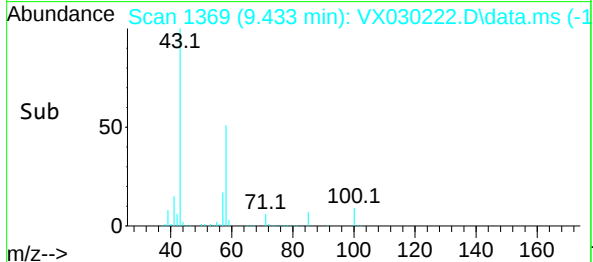
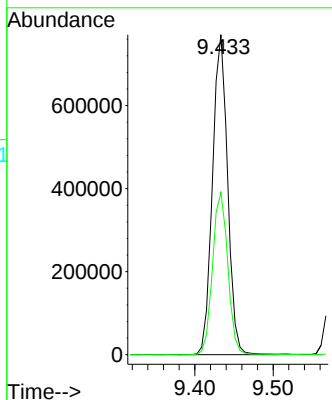
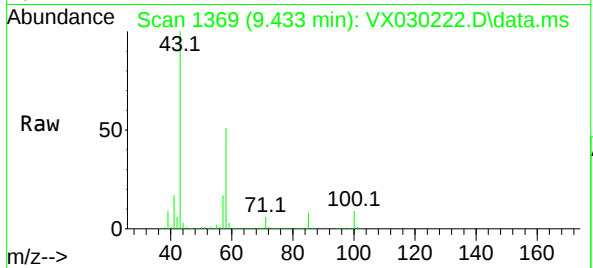




#59  
2-Hexanone  
Concen: 256.883 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

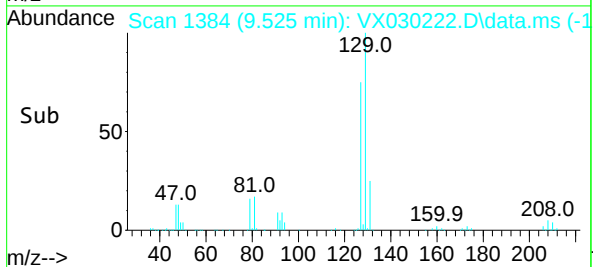
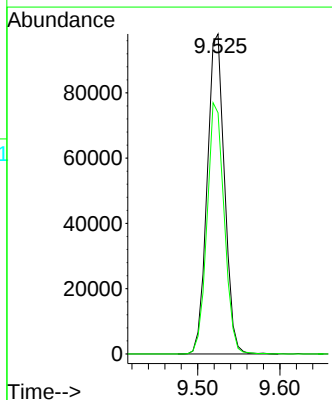
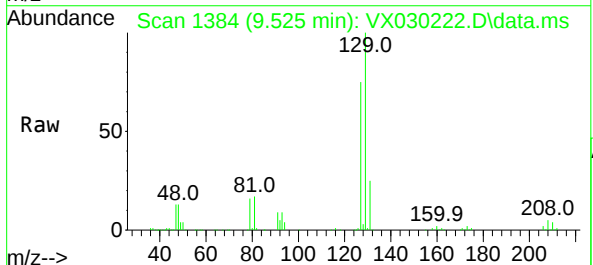
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

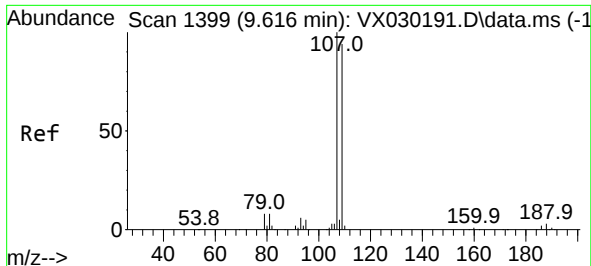
Tgt Ion: 43 Resp: 1030843  
Ion Ratio Lower Upper  
43 100  
58 51.4 27.6 82.8



#60  
Dibromochloromethane  
Concen: 52.417 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 129 Resp: 143128  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.5 115.5

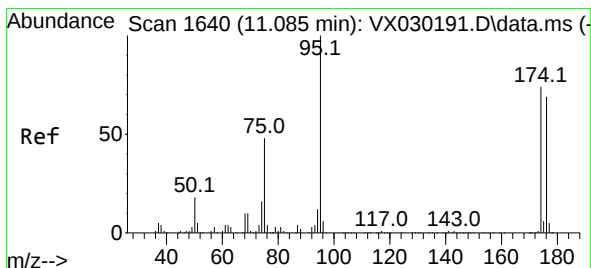
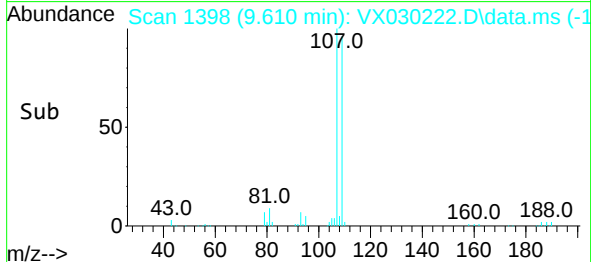
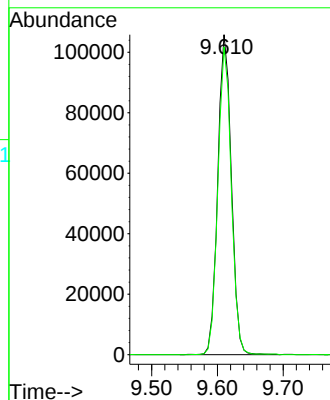
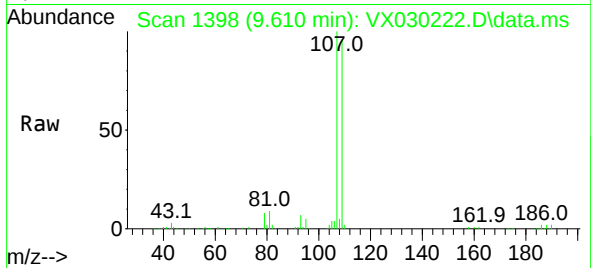




#61  
1,2-Dibromoethane  
Concen: 49.330 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

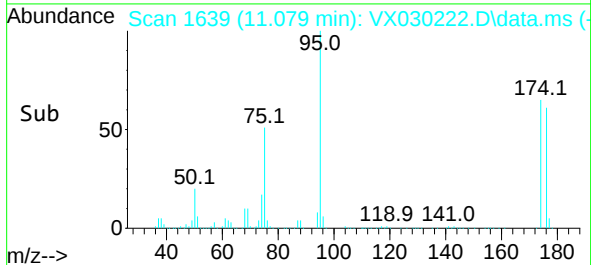
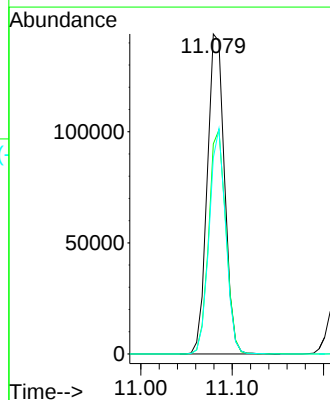
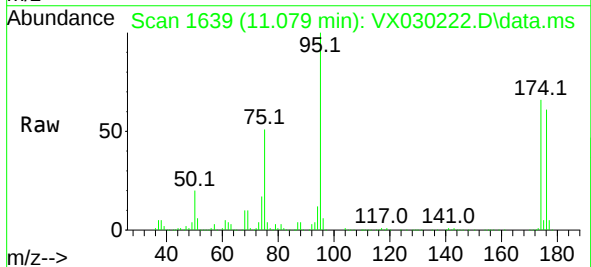
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

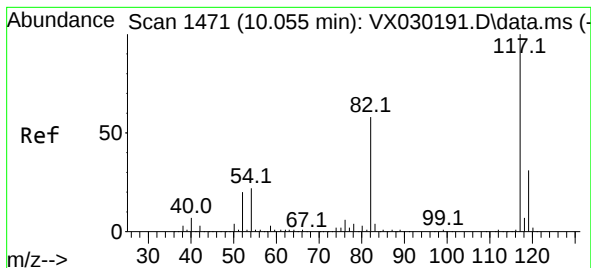
Tgt Ion:107 Resp: 151936  
Ion Ratio Lower Upper  
107 100  
109 95.3 76.6 114.8



#62  
4-Bromofluorobenzene  
Concen: 52.304 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 95 Resp: 188524  
Ion Ratio Lower Upper  
95 100  
174 69.5 0.0 149.0  
176 67.1 0.0 146.0

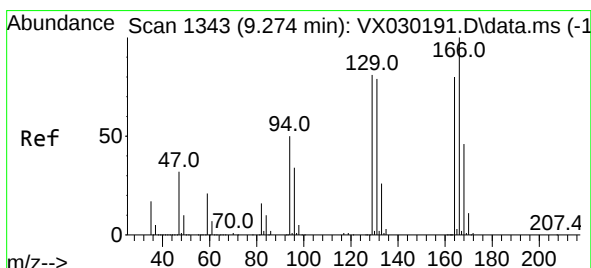
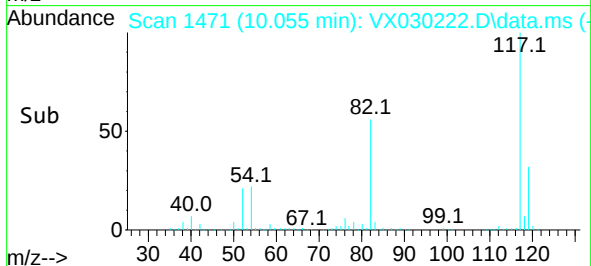
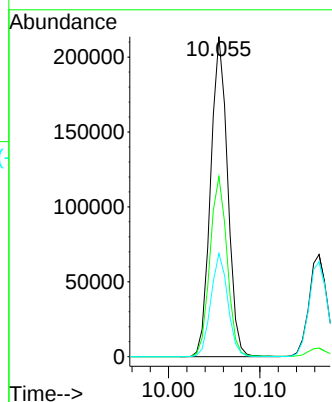
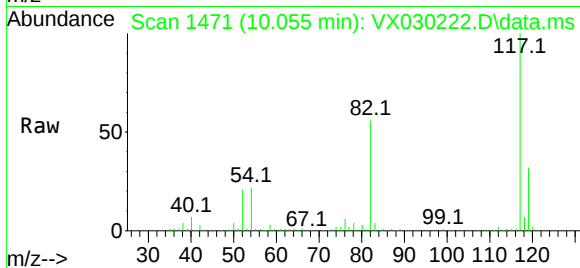




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

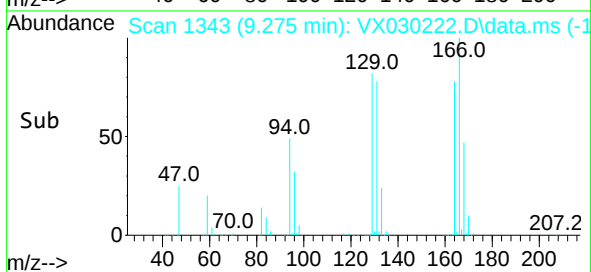
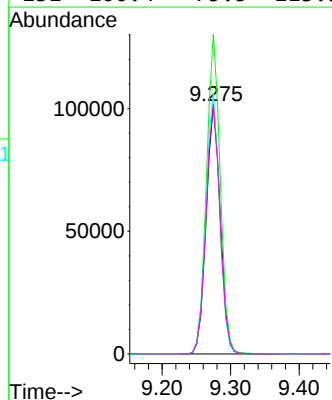
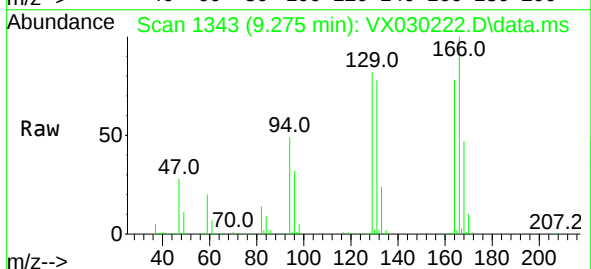
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

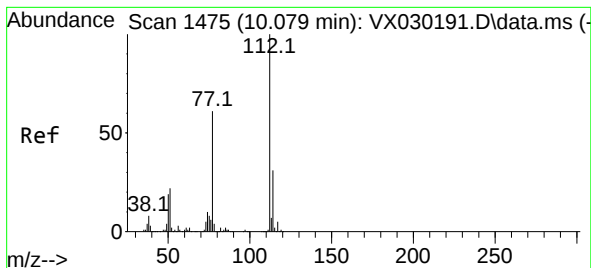
Tgt Ion:117 Resp: 275812  
Ion Ratio Lower Upper  
117 100  
82 56.3 42.7 64.1  
119 32.2 25.4 38.2



#64  
Tetrachloroethene  
Concen: 48.972 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion:164 Resp: 145413  
Ion Ratio Lower Upper  
164 100  
166 128.8 98.2 147.4  
129 105.0 80.8 121.2  
131 100.4 75.5 113.3





#65

Chlorobenzene

Concen: 49.332 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

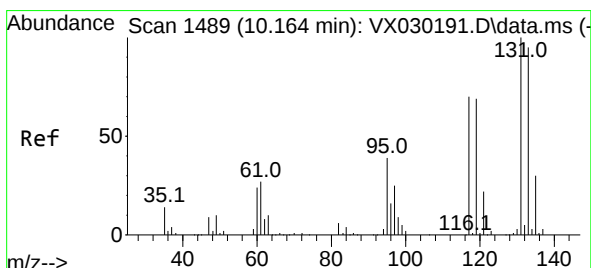
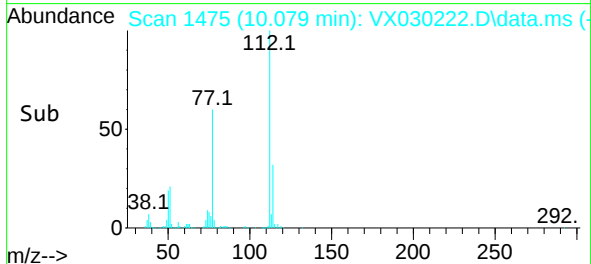
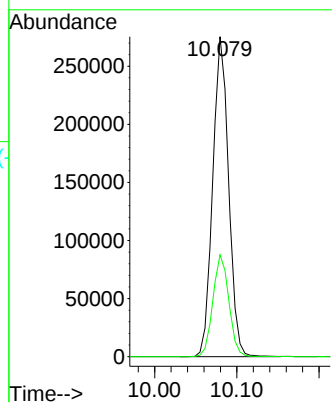
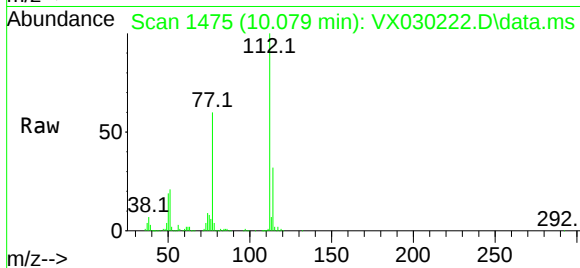
VSTDCCC050

Tgt Ion:112 Resp: 369602

Ion Ratio Lower Upper

112 100

114 31.8 24.6 36.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.601 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

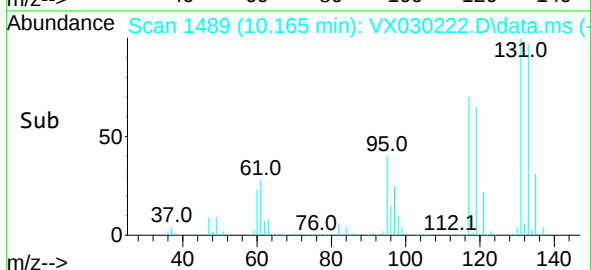
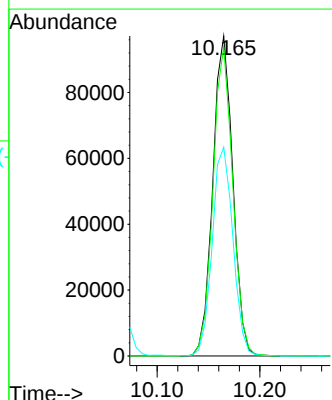
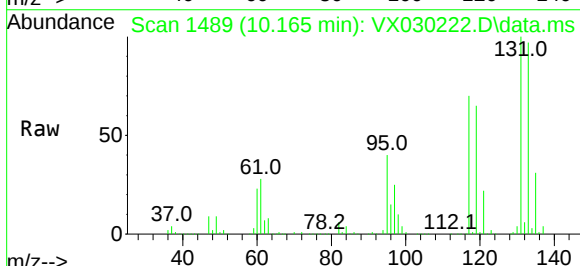
Tgt Ion:131 Resp: 131424

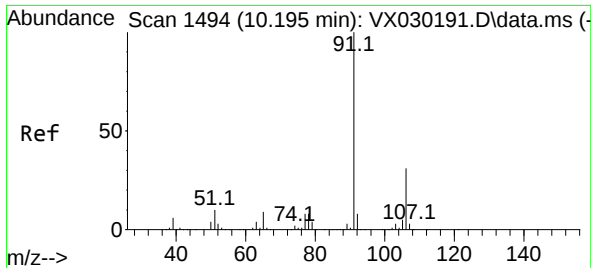
Ion Ratio Lower Upper

131 100

133 95.6 46.9 140.8

119 67.7 34.4 103.1

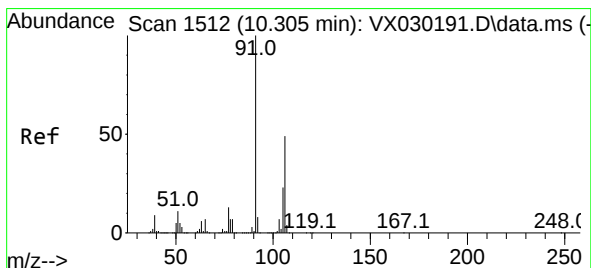
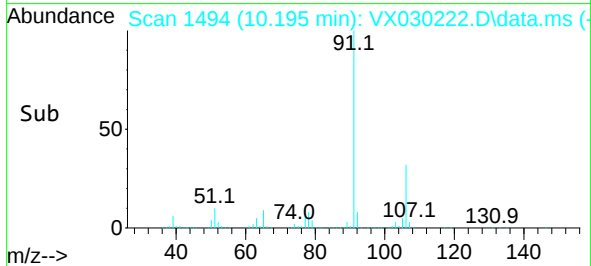
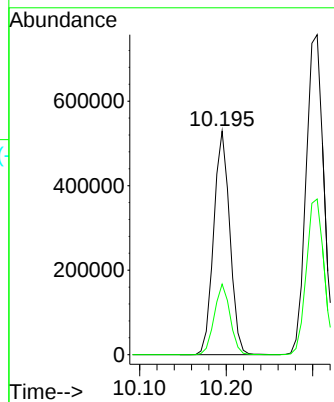
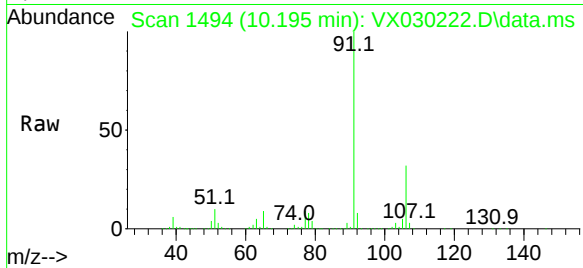




#67  
Ethyl Benzene  
Concen: 48.504 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

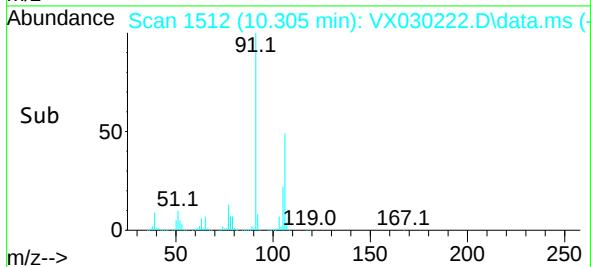
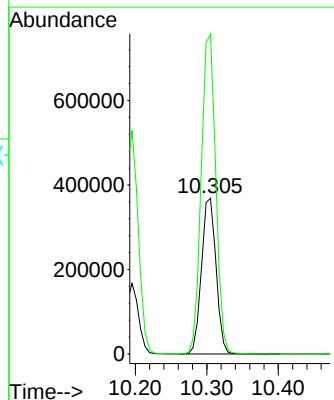
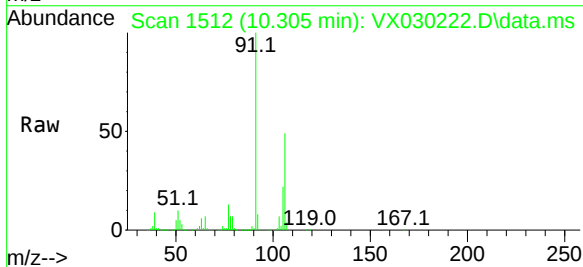
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

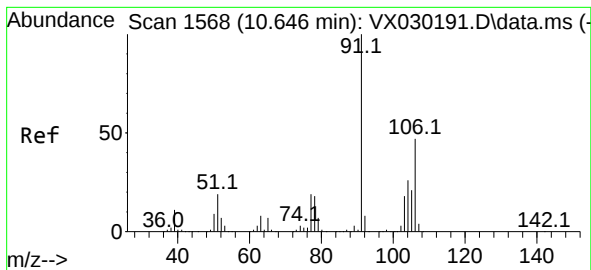
Tgt Ion: 91 Resp: 684953  
Ion Ratio Lower Upper  
91 100  
106 31.6 25.5 38.3



#68  
m/p-Xylenes  
Concen: 102.537 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 106 Resp: 520421  
Ion Ratio Lower Upper  
106 100  
91 205.3 158.2 237.4

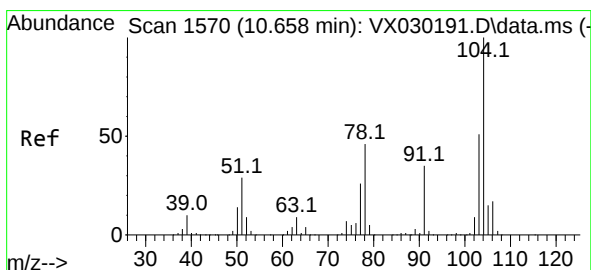
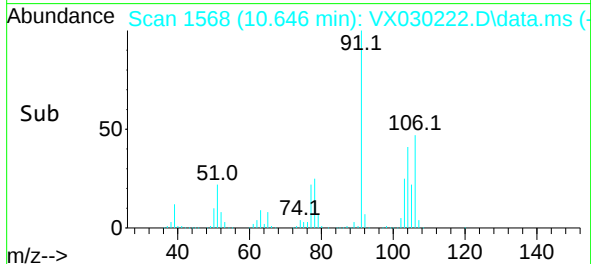
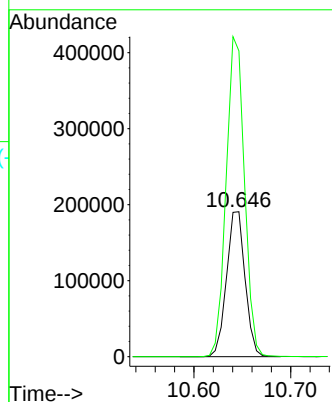
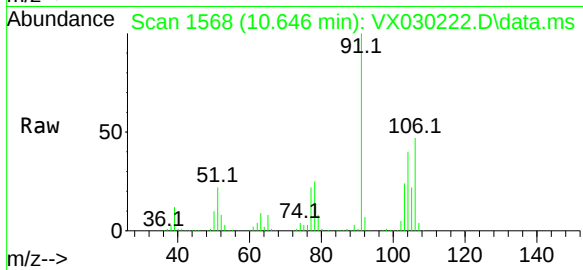




#69  
o-Xylene  
Concen: 50.756 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

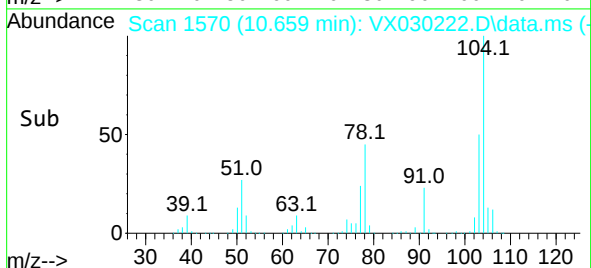
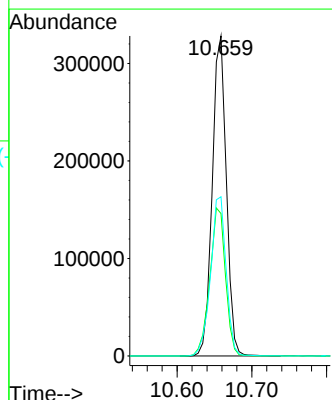
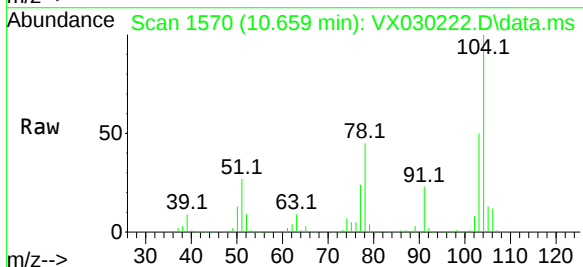
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

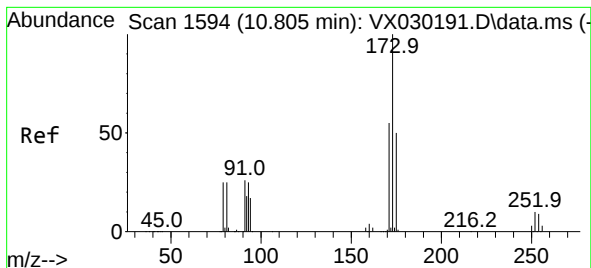
Tgt Ion:106 Resp: 253895  
Ion Ratio Lower Upper  
106 100  
91 217.9 103.8 311.6



#70  
Styrene  
Concen: 52.313 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion:104 Resp: 429934  
Ion Ratio Lower Upper  
104 100  
78 51.4 37.8 56.8  
103 55.0 44.5 66.7





#71

Bromoform

Concen: 54.147 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

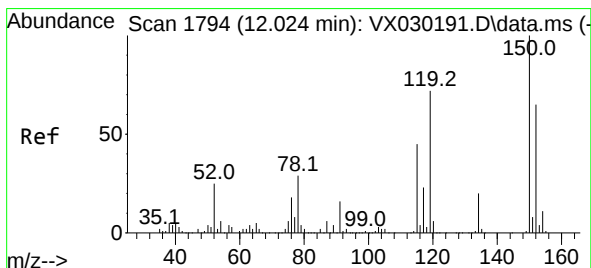
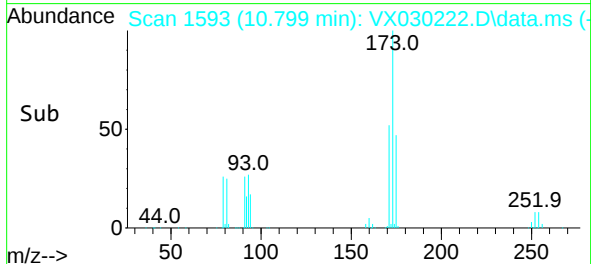
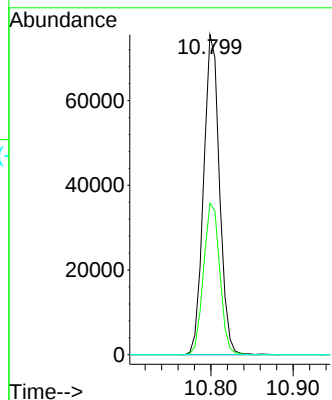
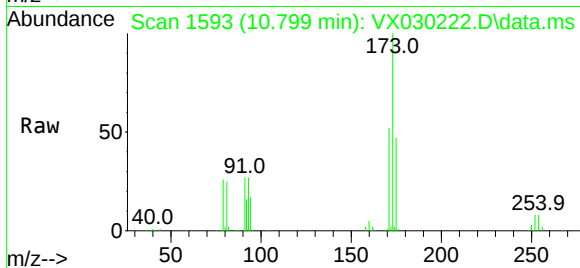
Tgt Ion:173 Resp: 101386

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.2

254 0.0 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: VX030222.D

Acq: 27 Jul 2022 09:27

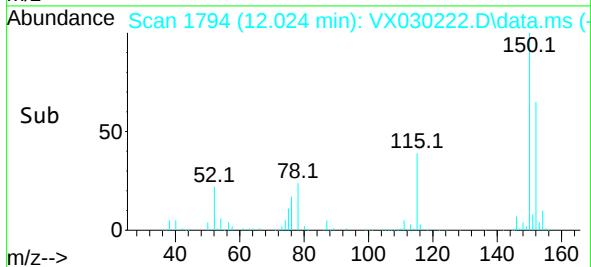
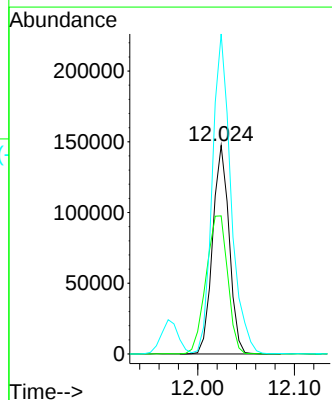
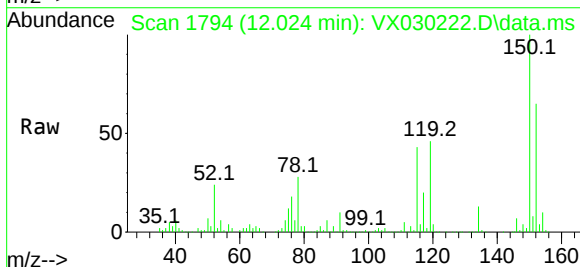
Tgt Ion:152 Resp: 174843

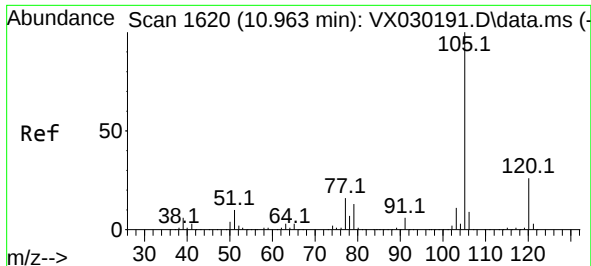
Ion Ratio Lower Upper

152 100

115 87.3 40.5 121.5

150 173.5 0.0 347.0

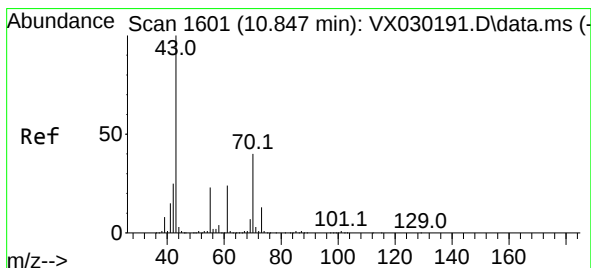
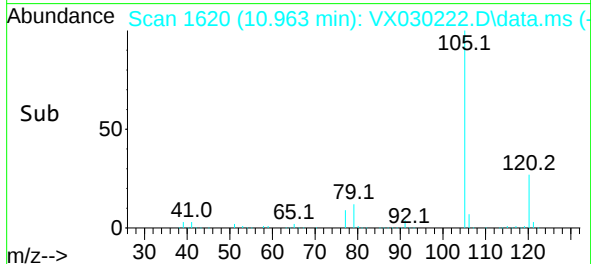
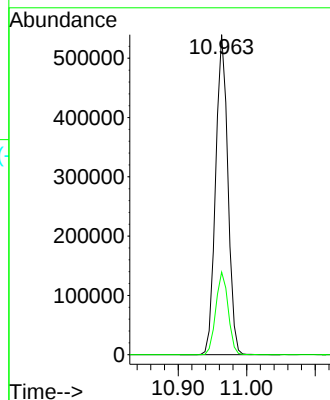
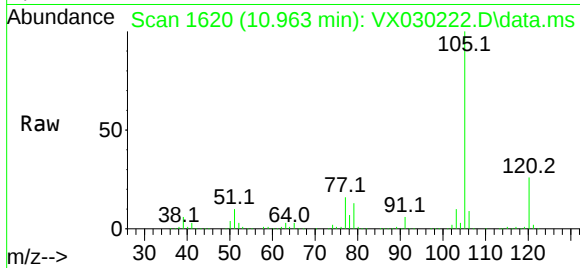




#73  
Isopropylbenzene  
Concen: 49.109 ug/l  
RT: 10.963 min Scan# 1600  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

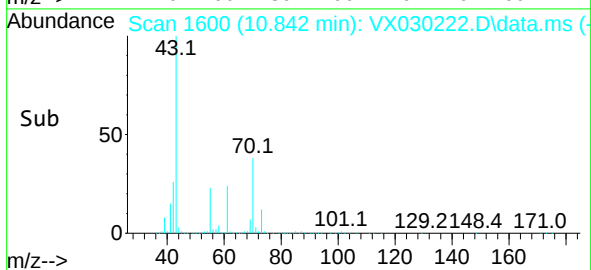
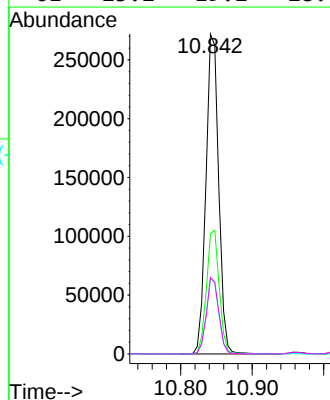
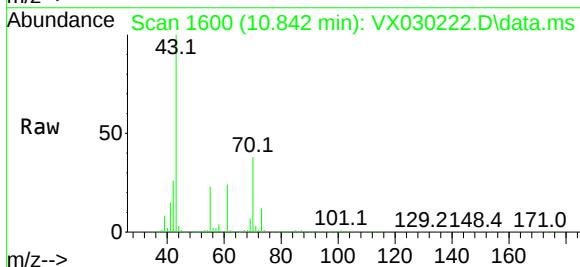
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

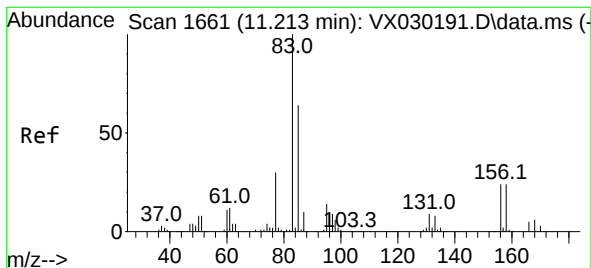
Tgt Ion:105 Resp: 670308  
Ion Ratio Lower Upper  
105 100  
120 26.0 13.5 40.4



#74  
N-ethyl acetate  
Concen: 50.809 ug/l  
RT: 10.842 min Scan# 1600  
Delta R.T. -0.005 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 43 Resp: 337058  
Ion Ratio Lower Upper  
43 100  
70 38.8 32.3 48.5  
55 23.4 18.4 27.6  
61 23.2 19.2 28.8

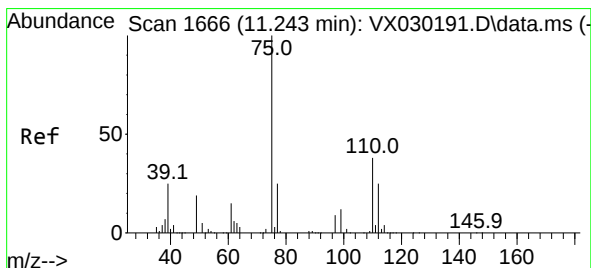
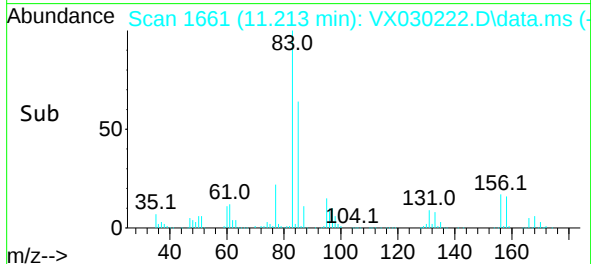
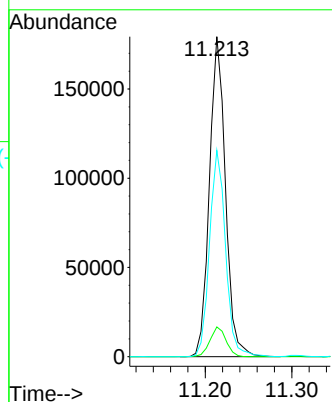
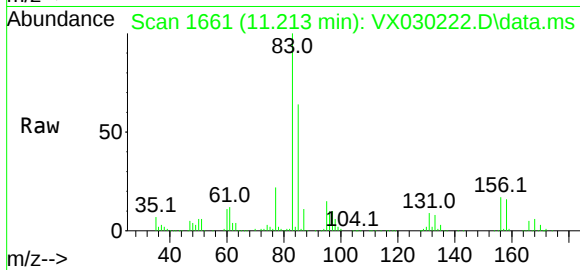




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 46.090 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

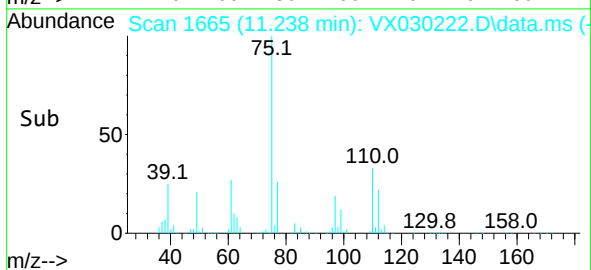
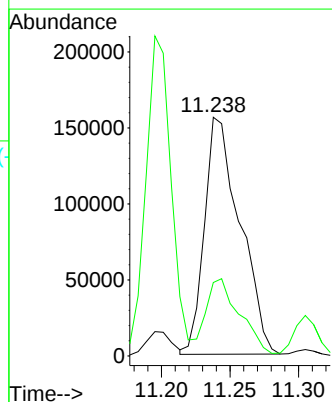
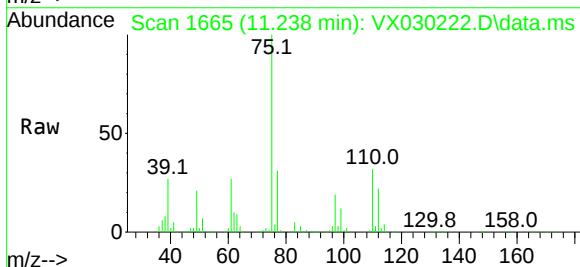
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

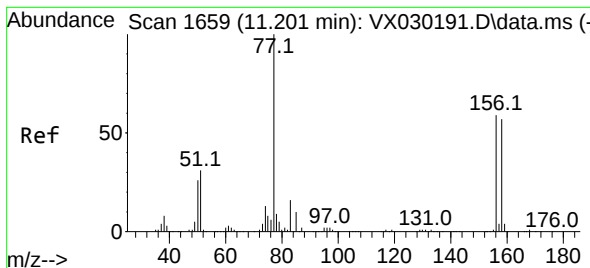
Tgt Ion: 83 Resp: 230262  
 Ion Ratio Lower Upper  
 83 100  
 131 9.4 4.5 13.7  
 85 64.6 32.5 97.5



#76  
 1,2,3-Trichloropropane  
 Concen: 61.155 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. -0.005 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

Tgt Ion: 75 Resp: 281851  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 19.8 59.3





#77

Bromobenzene

Concen: 47.626 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

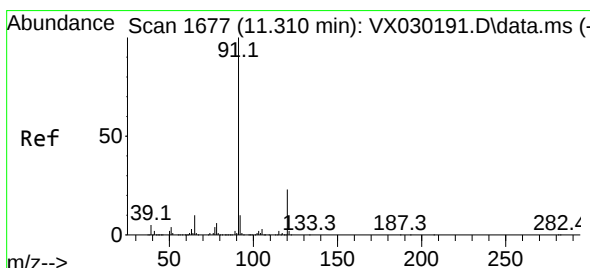
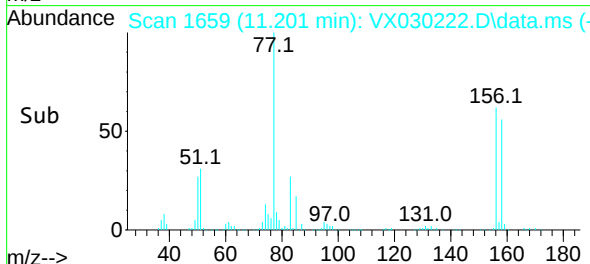
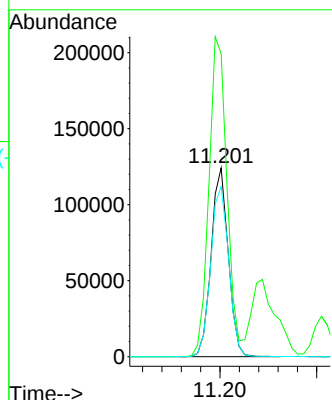
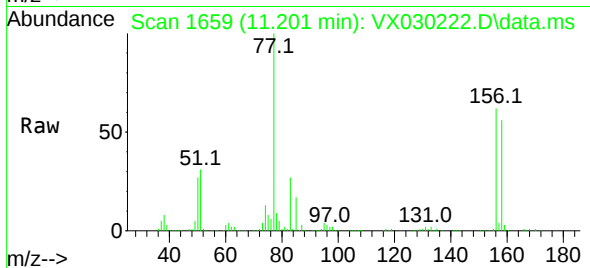
Tgt Ion:156 Resp: 152578

Ion Ratio Lower Upper

156 100

77 177.3 82.7 247.9

158 94.9 47.5 142.5



#78

n-propylbenzene

Concen: 51.256 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.005 min

Lab File: VX030222.D

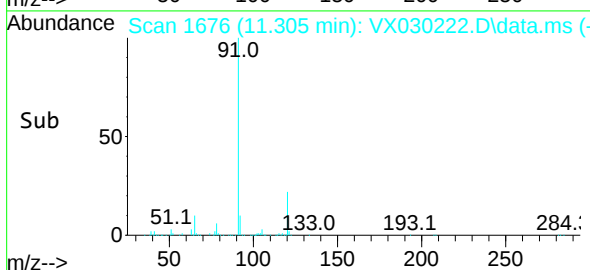
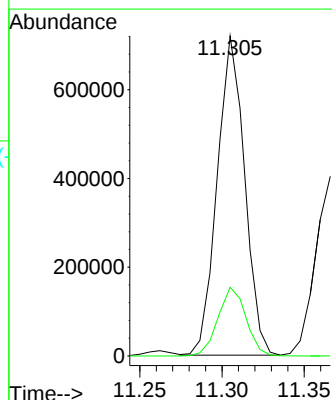
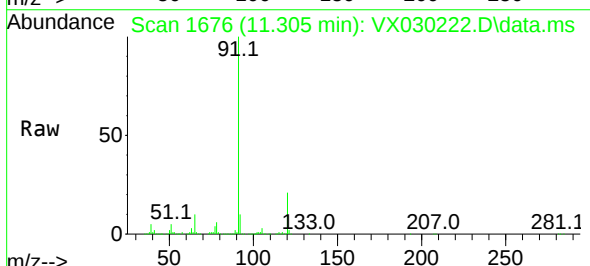
Acq: 27 Jul 2022 09:27

Tgt Ion: 91 Resp: 835016

Ion Ratio Lower Upper

91 100

120 21.9 11.6 34.8





#79

2-Chlorotoluene

Concen: 47.125 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

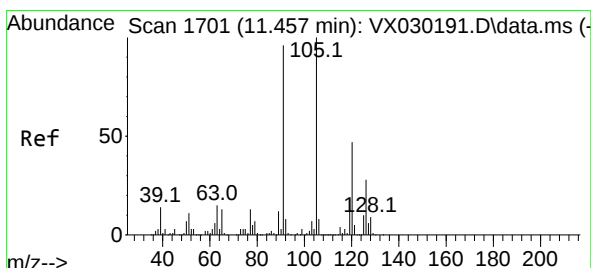
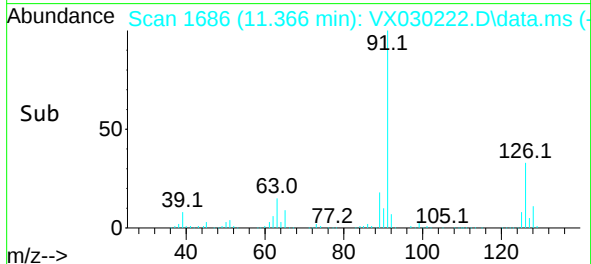
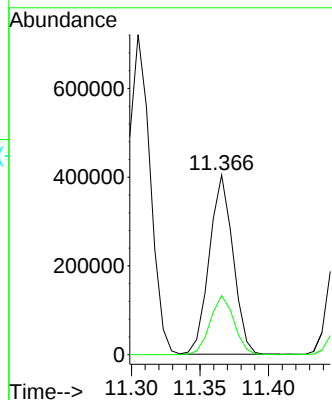
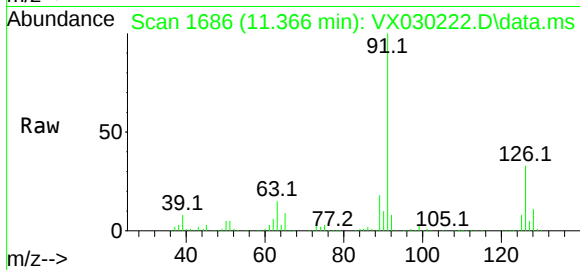
VSTDCCC050

Tgt Ion: 91 Resp: 484806

Ion Ratio Lower Upper

91 100

126 33.2 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 50.164 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.006 min

Lab File: VX030222.D

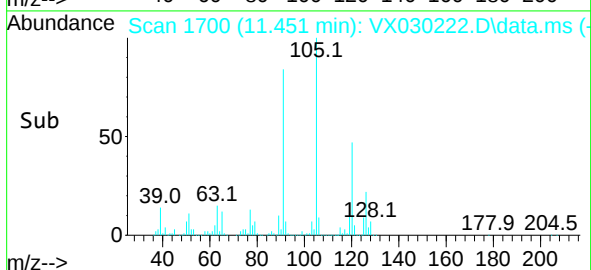
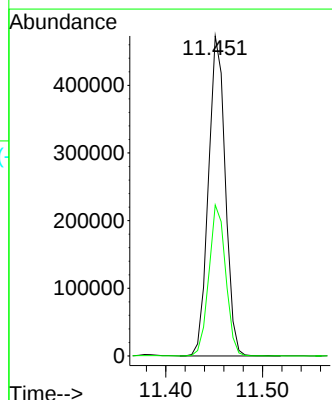
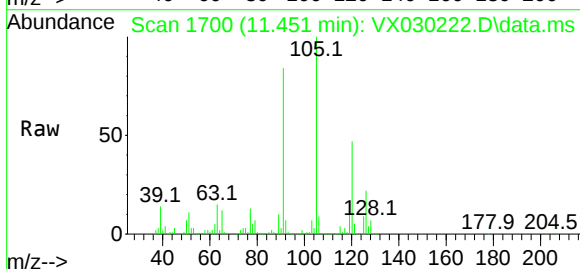
Acq: 27 Jul 2022 09:27

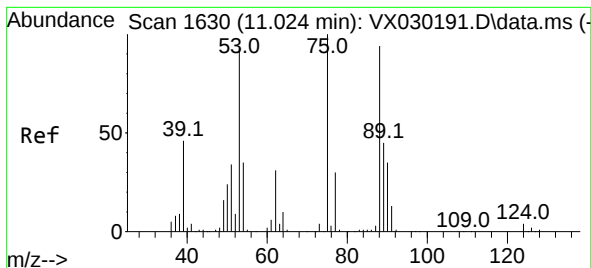
Tgt Ion: 105 Resp: 573338

Ion Ratio Lower Upper

105 100

120 47.0 24.4 73.2

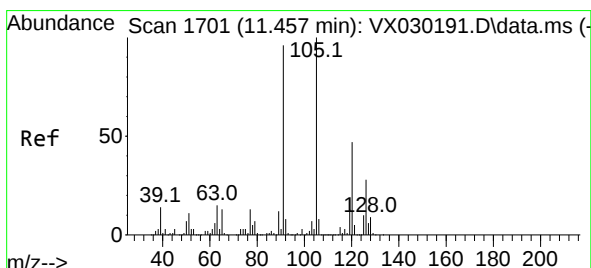
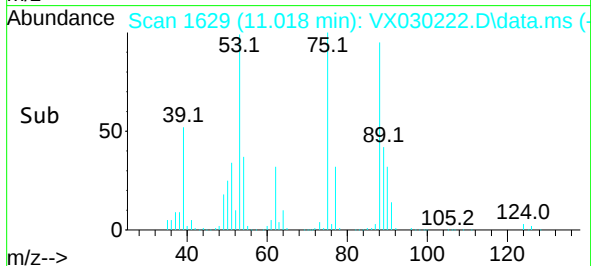
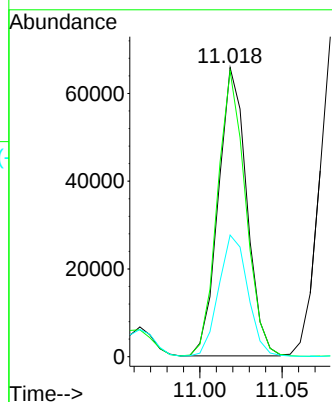
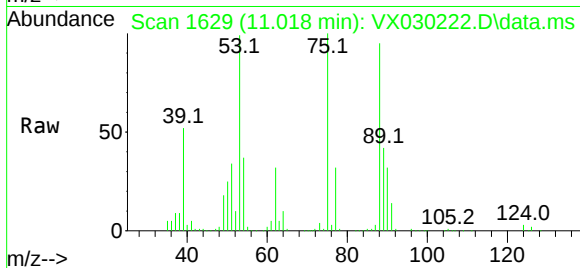




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.307 ug/l  
RT: 11.018 min Scan# 1629  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

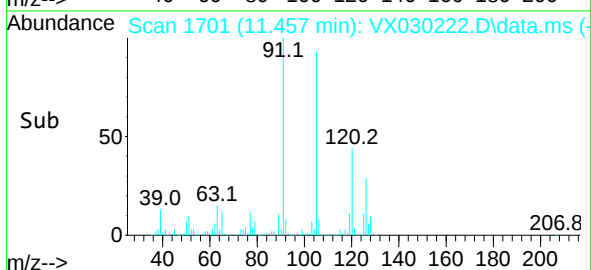
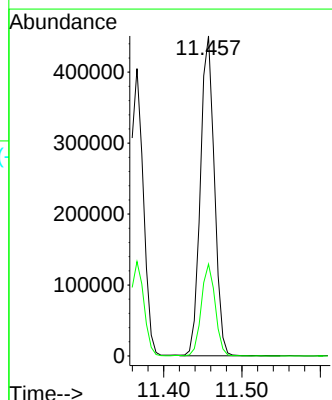
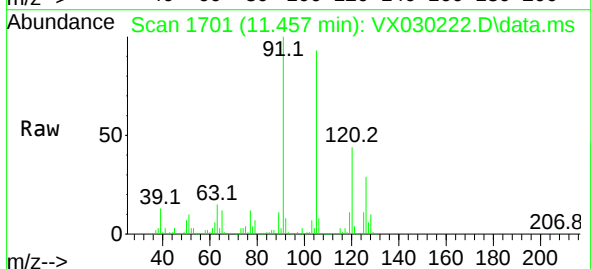
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

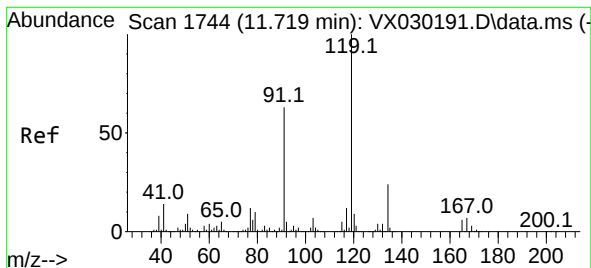
Tgt Ion: 75 Resp: 78822  
Ion Ratio Lower Upper  
75 100  
53 98.4 74.2 111.4  
89 43.3 34.8 52.2



#82  
4-Chlorotoluene  
Concen: 49.875 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 91 Resp: 560597  
Ion Ratio Lower Upper  
91 100  
126 28.5 15.3 45.9





#83

tert-Butylbenzene

Concen: 49.795 ug/l

RT: 11.719 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

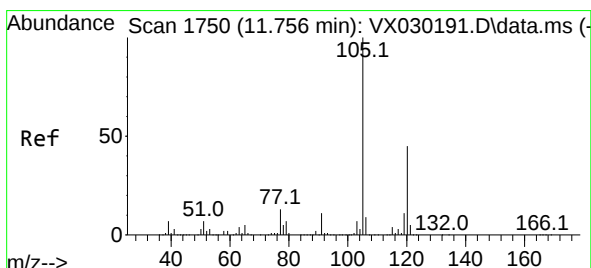
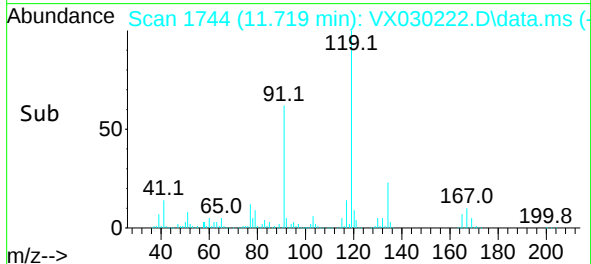
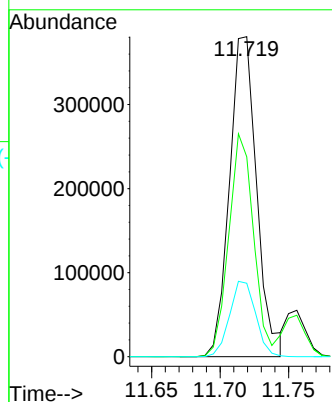
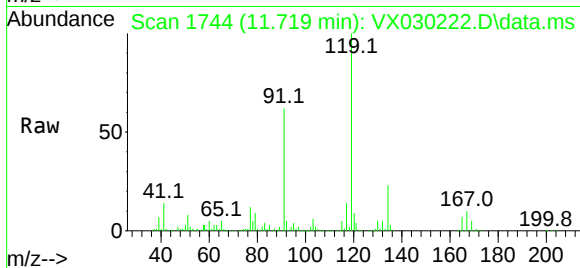
Tgt Ion:119 Resp: 527498

Ion Ratio Lower Upper

119 100

91 63.4 28.3 84.9

134 22.6 11.2 33.5



#84

1,2,4-Trimethylbenzene

Concen: 50.525 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030222.D

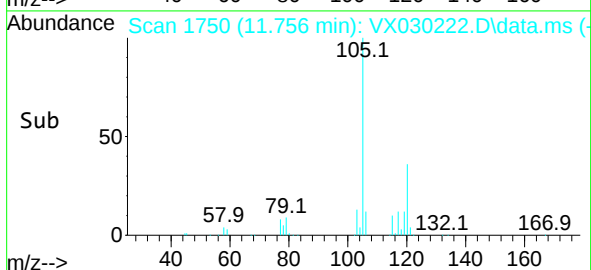
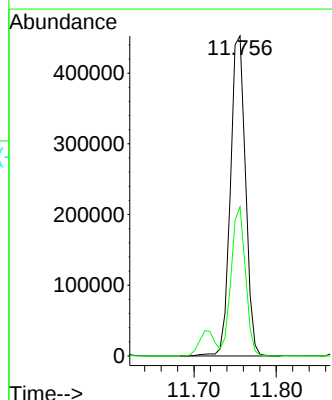
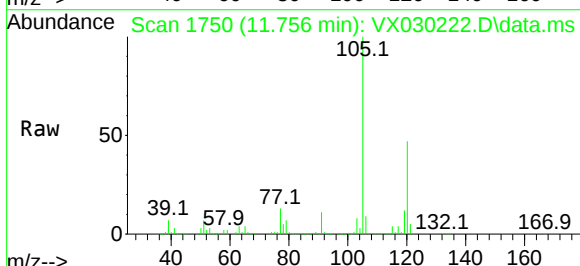
Acq: 27 Jul 2022 09:27

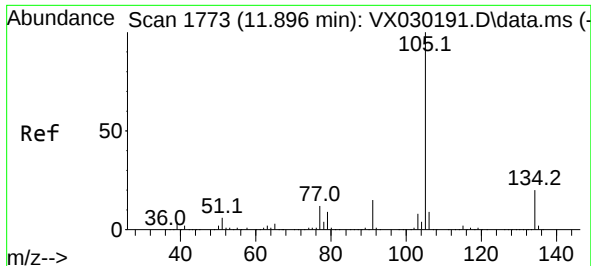
Tgt Ion:105 Resp: 576105

Ion Ratio Lower Upper

105 100

120 44.3 22.9 68.8

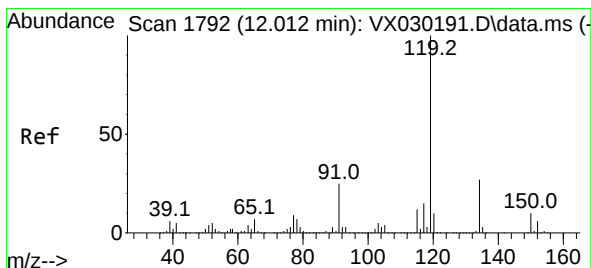
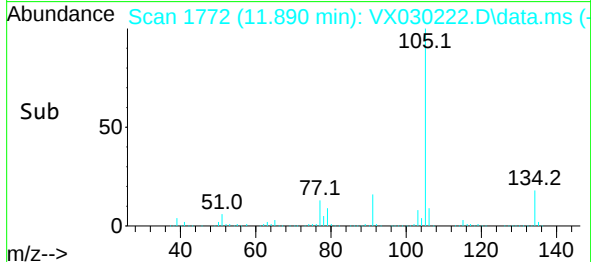
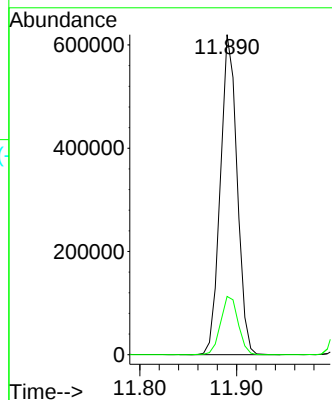
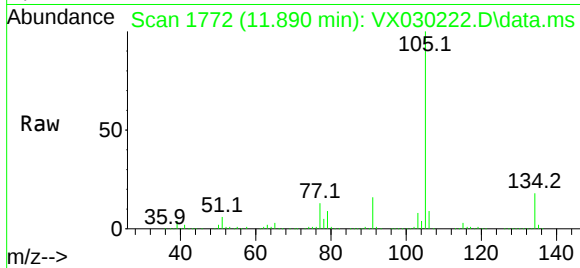




#85  
 sec-Butylbenzene  
 Concen: 51.327 ug/l  
 RT: 11.890 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

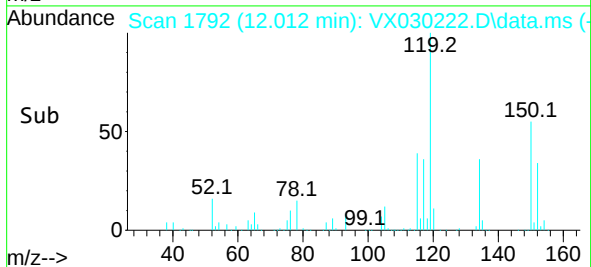
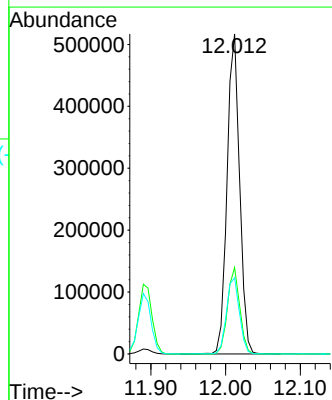
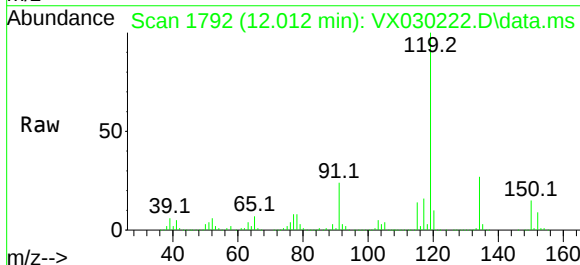
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

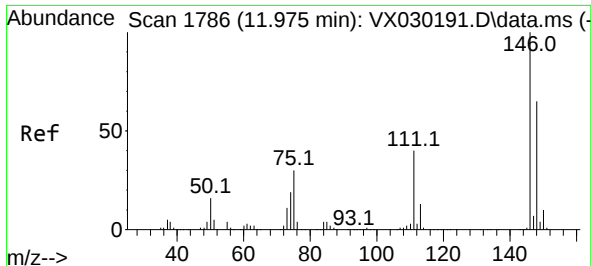
Tgt Ion:105 Resp: 744211  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 10.0 30.0



#86  
 p-Isopropyltoluene  
 Concen: 51.776 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.000 min  
 Lab File: VX030222.D  
 Acq: 27 Jul 2022 09:27

Tgt Ion:119 Resp: 600611  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 13.9 41.6  
 91 24.7 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 48.387 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

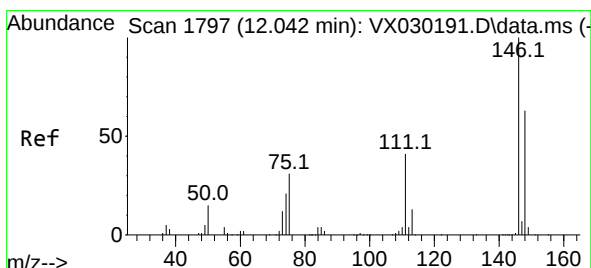
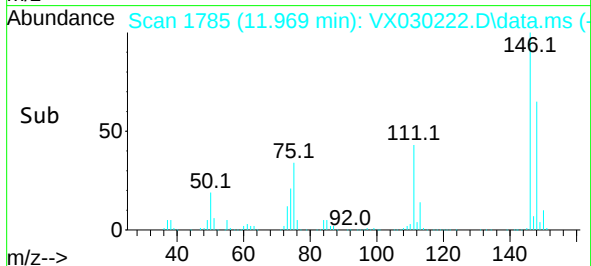
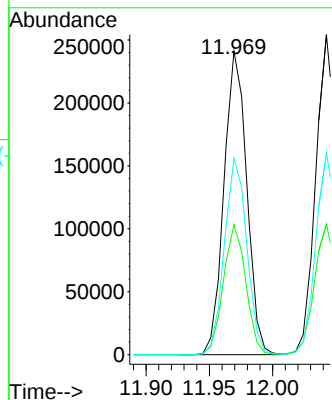
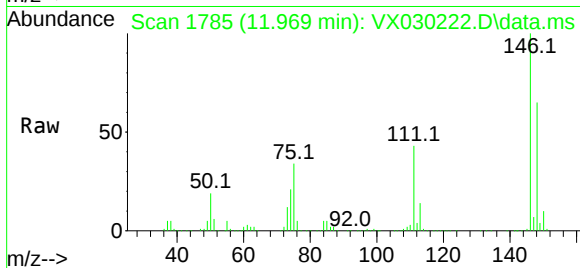
Tgt Ion:146 Resp: 301476

Ion Ratio Lower Upper

146 100

111 42.1 20.3 60.8

148 63.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 47.517 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

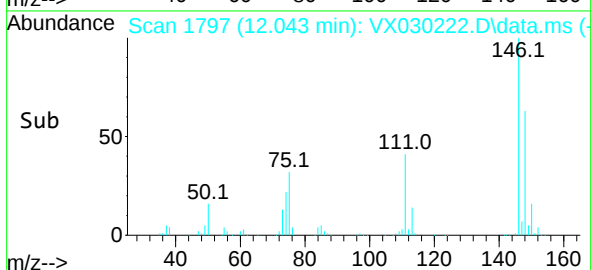
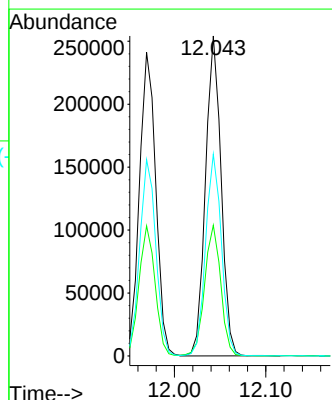
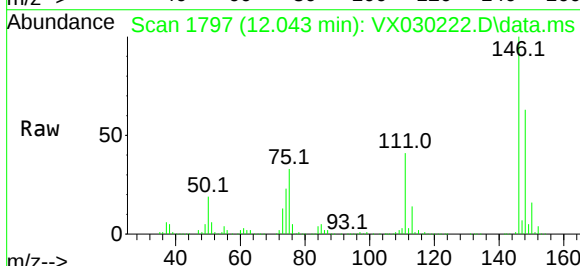
Tgt Ion:146 Resp: 301378

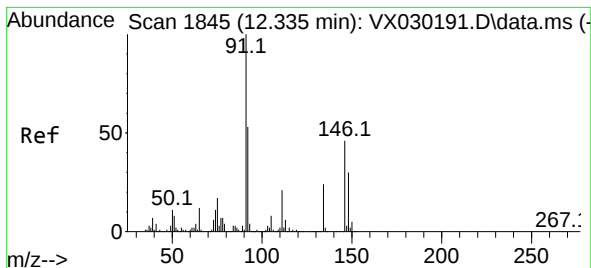
Ion Ratio Lower Upper

146 100

111 42.2 20.3 60.9

148 64.0 32.3 96.8

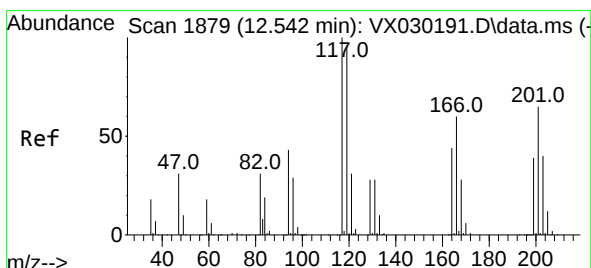
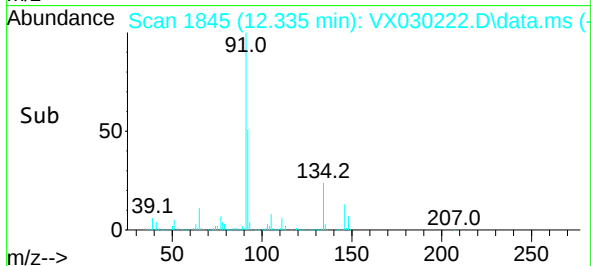
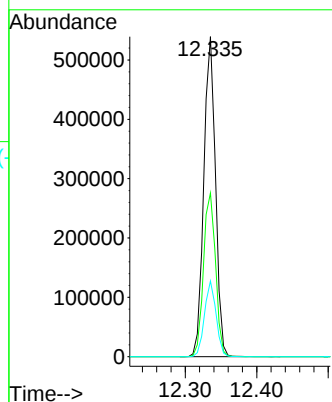
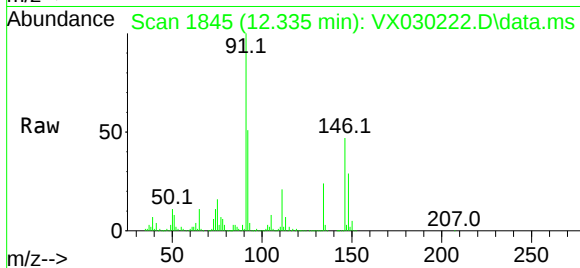




#89  
n-Butylbenzene  
Concen: 56.797 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

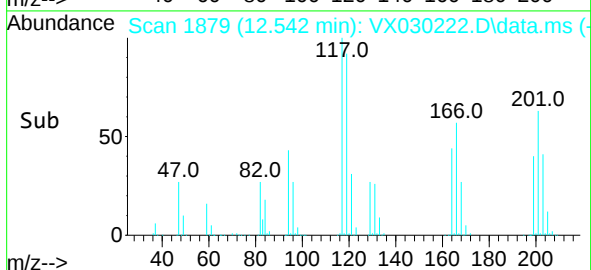
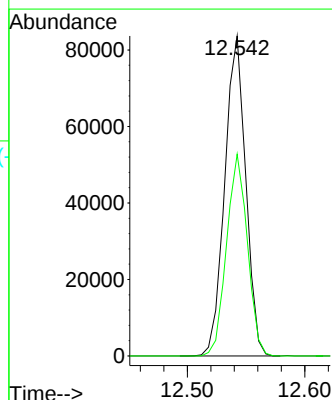
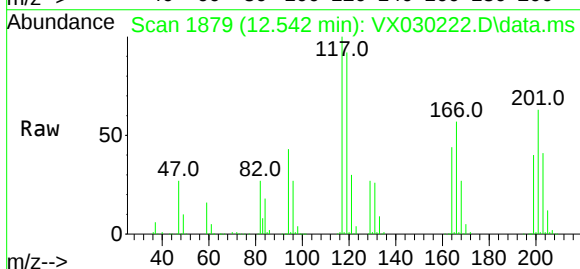
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

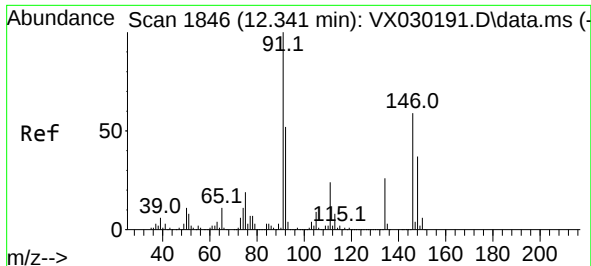
Tgt Ion: 91 Resp: 613406  
Ion Ratio Lower Upper  
91 100  
92 52.7 26.2 78.5  
134 23.4 12.6 37.8



#90  
Hexachloroethane  
Concen: 52.156 ug/l  
RT: 12.542 min Scan# 1879  
Delta R.T. 0.000 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 117 Resp: 104170  
Ion Ratio Lower Upper  
117 100  
201 62.5 34.2 102.5

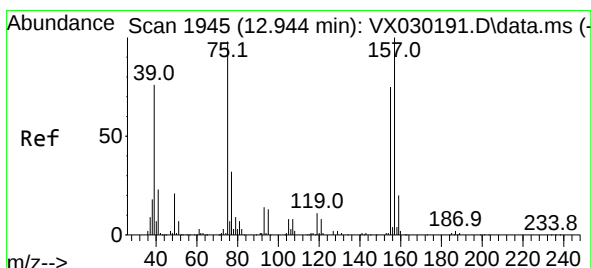
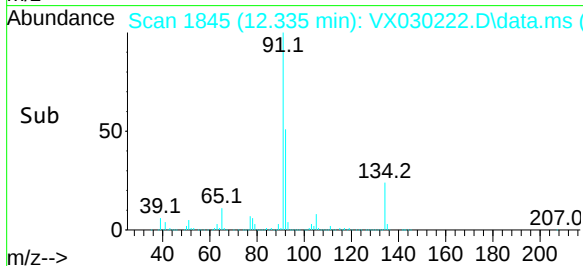
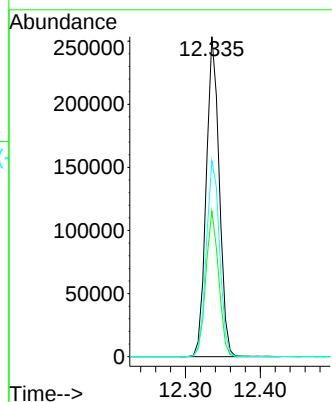
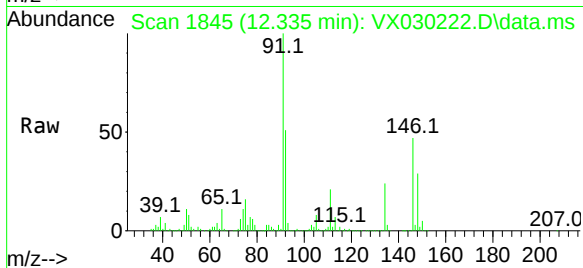




#91  
1,2-Dichlorobenzene  
Concen: 50.098 ug/l  
RT: 12.335 min Scan# 1846  
Delta R.T. -0.006 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

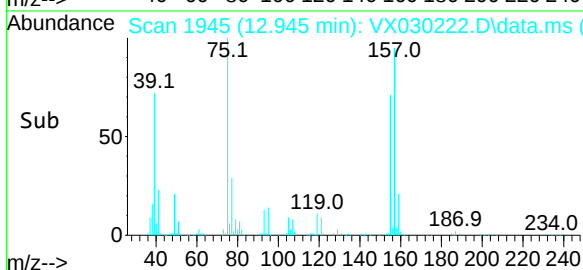
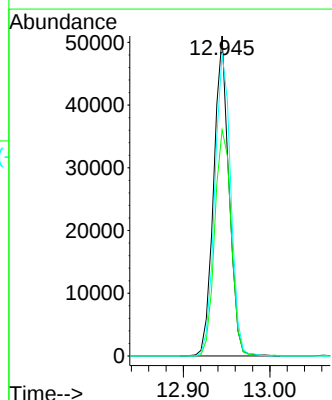
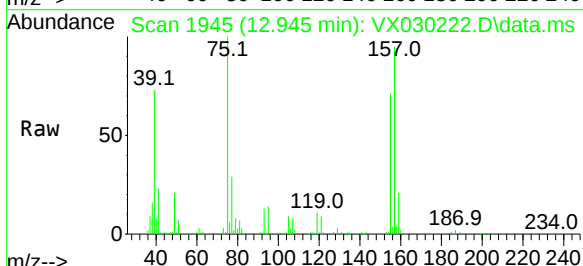
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

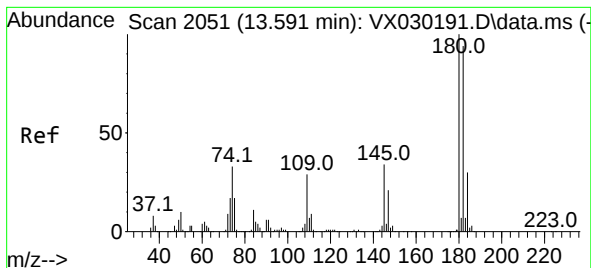
Tgt Ion:146 Resp: 306375  
Ion Ratio Lower Upper  
146 100  
111 44.6 20.7 62.1  
148 62.1 32.0 96.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 52.115 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.001 min  
Lab File: VX030222.D  
Acq: 27 Jul 2022 09:27

Tgt Ion: 75 Resp: 62446  
Ion Ratio Lower Upper  
75 100  
155 76.0 45.0 134.8  
157 98.9 56.9 170.7





#93

1,2,4-Trichlorobenzene

Concen: 54.219 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

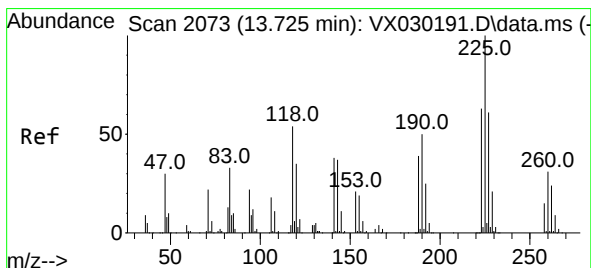
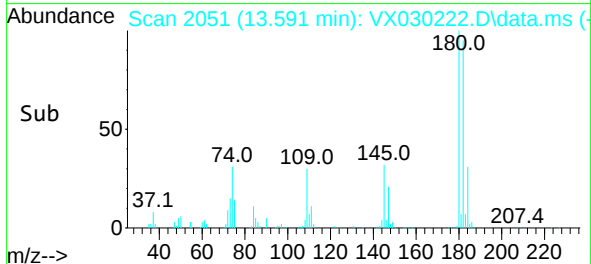
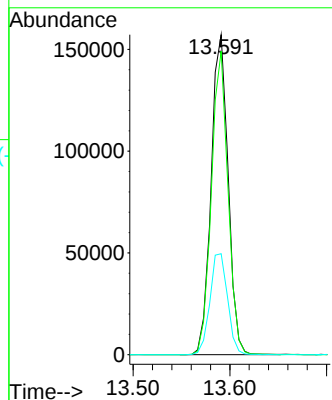
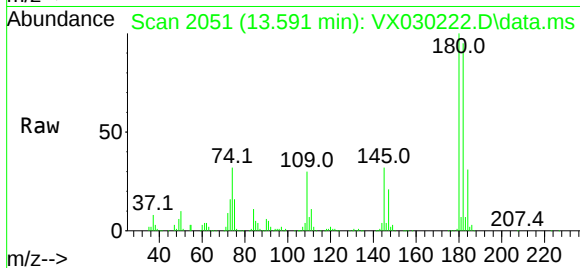
Tgt Ion:180 Resp: 192286

Ion Ratio Lower Upper

180 100

182 92.5 48.2 144.6

145 32.8 15.9 47.6



#94

Hexachlorobutadiene

Concen: 52.680 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

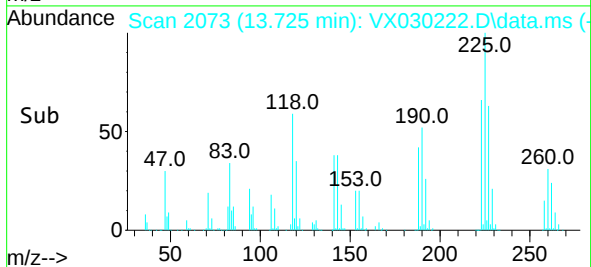
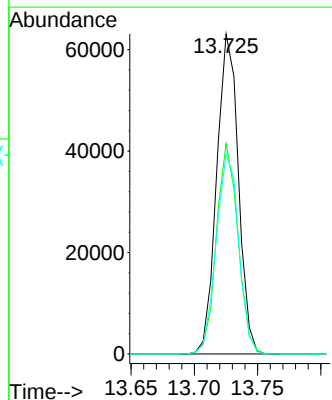
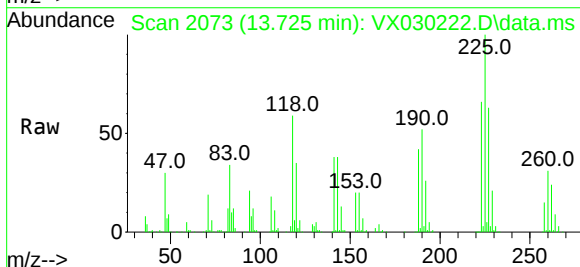
Tgt Ion:225 Resp: 75016

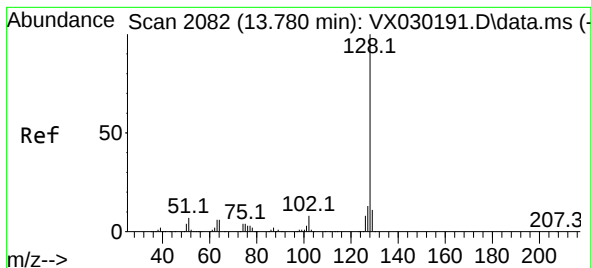
Ion Ratio Lower Upper

225 100

223 65.1 30.6 91.6

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 54.689 ug/l

RT: 13.774 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

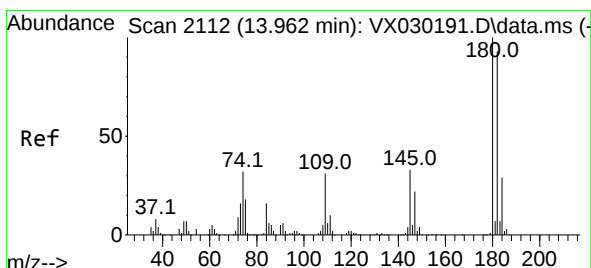
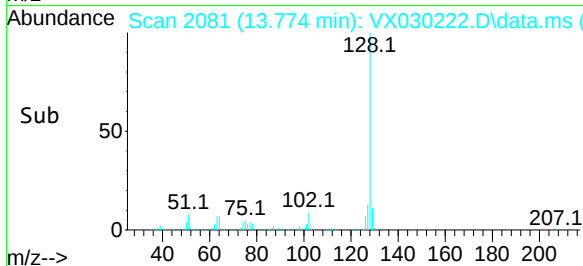
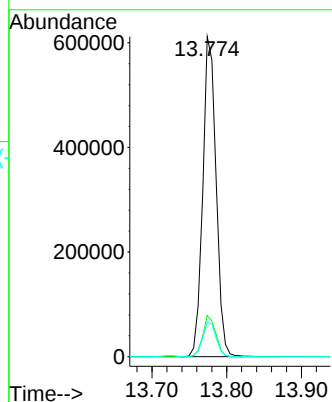
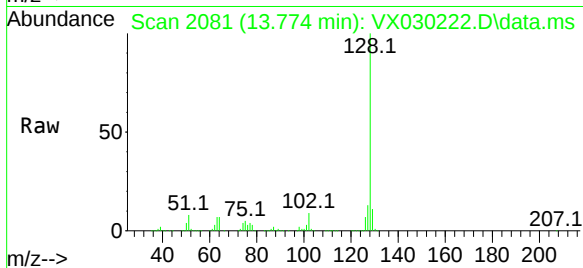
Tgt Ion:128 Resp: 757596

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.410 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.001 min

Lab File: VX030222.D

Acq: 27 Jul 2022 09:27

Tgt Ion:180 Resp: 194260

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.0

145 34.7 17.0 50.9

