

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY090722\  
 Data File : VY010363.D  
 Acq On : 07 Sep 2022 09:58  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Sep 08 03:39:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.789  | 168  | 309081   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 477136   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 422943   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 208069   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.136  | 65    | 154506   | 48.751   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.500%  |
| 35) Dibromofluoromethane    | 7.716  | 113   | 152600   | 48.042   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.080%  |
| 50) Toluene-d8              | 10.179 | 98    | 579683   | 54.509   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 109.020% |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 200067   | 46.539   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 93.080%  |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         | Qvalue  |        |     |
| 2) Dichlorodifluoromethane   | 1.906 | 85  | 101612  | 41.182  | ug/l   | 99  |
| 3) Chloromethane             | 2.113 | 50  | 157086  | 46.629  | ug/l   | 96  |
| 4) Vinyl Chloride            | 2.247 | 62  | 189050  | 51.505  | ug/l   | 100 |
| 5) Bromomethane              | 2.650 | 94  | 127307  | 63.264  | ug/l   | 100 |
| 6) Chloroethane              | 2.790 | 64  | 123472  | 54.992  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.125 | 101 | 243554  | 47.338  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.527 | 74  | 77164   | 41.972  | ug/l   | 82  |
| 9) 1,1,2-Trichlorotrifluo... | 3.893 | 101 | 144892  | 45.598  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.088 | 142 | 188822  | 49.394  | ug/l   | 90  |
| 11) Tert butyl alcohol       | 4.942 | 59  | 78297   | 206.504 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.869 | 96  | 138700  | 45.079  | ug/l   | 85  |
| 13) Acrolein                 | 3.723 | 56  | 104392  | 260.085 | ug/l   | 98  |
| 14) Allyl chloride           | 4.472 | 41  | 212818  | 39.298  | ug/l # | 94  |
| 15) Acrylonitrile            | 5.155 | 53  | 196496  | 205.122 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 218023  | 275.185 | ug/l # | 89  |
| 17) Carbon Disulfide         | 4.192 | 76  | 385662  | 41.150  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.472 | 43  | 99210   | 40.350  | ug/l # | 90  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 378604  | 42.091  | ug/l   | 94  |
| 20) Methylene Chloride       | 4.710 | 84  | 155727  | 40.730  | ug/l # | 86  |
| 21) trans-1,2-Dichloroethene | 5.216 | 96  | 155795  | 44.683  | ug/l   | 87  |
| 22) Diisopropyl ether        | 6.112 | 45  | 456263  | 41.455  | ug/l # | 94  |
| 23) Vinyl Acetate            | 6.051 | 43  | 1421848 | 206.039 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.015 | 63  | 271439  | 42.811  | ug/l   | 99  |
| 25) 2-Butanone               | 6.978 | 43  | 290282  | 223.252 | ug/l # | 87  |
| 26) 2,2-Dichloropropane      | 6.978 | 77  | 261383  | 45.262  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 6.984 | 96  | 180147  | 45.210  | ug/l   | 89  |
| 28) Bromochloromethane       | 7.332 | 49  | 105950  | 47.792  | ug/l # | 83  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 162674  | 195.286 | ug/l # | 87  |
| 30) Chloroform               | 7.502 | 83  | 282332  | 45.218  | ug/l   | 99  |
| 31) Cyclohexane              | 7.783 | 56  | 241820  | 39.114  | ug/l   | 90  |
| 32) 1,1,1-Trichloroethane    | 7.697 | 97  | 259223  | 45.564  | ug/l   | 96  |
| 36) 1,1-Dichloropropene      | 7.917 | 75  | 215800  | 46.305  | ug/l   | 97  |
| 37) Ethyl Acetate            | 7.070 | 43  | 112329  | 42.039  | ug/l # | 95  |
| 38) Carbon Tetrachloride     | 7.899 | 117 | 239054  | 49.771  | ug/l   | 97  |
| 39) Methylcyclohexane        | 9.179 | 83  | 269746  | 44.833  | ug/l   | 91  |
| 40) Benzene                  | 8.155 | 78  | 618585  | 46.345  | ug/l   | 98  |

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 Sample : VSTDCCC050  
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 ALS Vial : 1 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
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Quant Time: Sep 08 03:39:33 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y090222S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 16:41:46 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 154701   | 102.696 | ug/l # | 1        |
| 42) 1,2-Dichloroethane        | 8.234  | 62   | 181031   | 46.778  | ug/l   | 94       |
| 43) Isopropyl Acetate         | 8.271  | 43   | 210417   | 41.312  | ug/l # | 91       |
| 44) Trichloroethene           | 8.935  | 130  | 177271   | 48.379  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.215  | 63   | 152203   | 44.758  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 86939    | 46.548  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.496  | 83   | 217527   | 47.359  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 96695    | 40.699  | ug/l # | 87       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 24060    | 936.195 | ug/l # | 83       |
| 51) 4-Methyl-2-Pentanone      | 10.069 | 43   | 573623   | 218.290 | ug/l   | 91       |
| 52) Toluene                   | 10.246 | 92   | 402705   | 47.165  | ug/l   | 94       |
| 53) t-1,3-Dichloropropene     | 10.465 | 75   | 224479   | 45.312  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.929  | 75   | 253327   | 45.349  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 124345   | 46.899  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 169741   | 43.333  | ug/l # | 83       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 209666   | 45.369  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 9.782  | 63   | 221215   | 206.353 | ug/l   | 94       |
| 59) 2-Hexanone                | 10.831 | 43   | 419667   | 230.307 | ug/l   | 89       |
| 60) Dibromochloromethane      | 10.983 | 129  | 155747   | 48.749  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 120211   | 46.917  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 172108   | 49.898  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 433123   | 48.058  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 160849   | 48.604  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.593 | 91   | 777593   | 47.116  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.703 | 106  | 604743   | 95.921  | ug/l   | 94       |
| 69) o-Xylene                  | 12.032 | 106  | 290640   | 47.481  | ug/l   | 93       |
| 70) Styrene                   | 12.044 | 104  | 488435   | 47.902  | ug/l   | 96       |
| 71) Bromoform                 | 12.209 | 173  | 98894    | 48.342  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.331 | 105  | 772691   | 46.547  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 193067   | 42.156  | ug/l # | 90       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 142589   | 44.695  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.636 | 75   | 191817   | 77.467  | ug/l # | 100      |
| 77) Bromobenzene              | 12.611 | 156  | 181563   | 48.079  | ug/l   | 93       |
| 78) n-propylbenzene           | 12.672 | 91   | 924777   | 46.408  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.758 | 91   | 515382   | 45.759  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.812 | 105  | 650076   | 46.740  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.380 | 75   | 51090    | 43.043  | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 12.855 | 91   | 523490   | 45.140  | ug/l   | 96       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 567406   | 46.957  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.123 | 105  | 639277   | 46.805  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 838050   | 46.899  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 713548   | 48.342  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.367 | 146  | 357753   | 48.790  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.446 | 146  | 353900   | 48.544  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.696 | 91   | 652875   | 46.790  | ug/l   | 98       |
| 90) Hexachloroethane          | 13.965 | 117  | 131405   | 46.379  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 316713   | 48.463  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 23155    | 41.189  | ug/l   | 76       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 195925   | 48.436  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 115077   | 48.538  | ug/l   | 98       |
| 95) Naphthalene               | 15.239 | 128  | 393891   | 46.930  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.428 | 180  | 168743   | 49.254  | ug/l   | 99       |

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ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Fri Sep 02 16:41:46 2022  
Response via : Initial Calibration

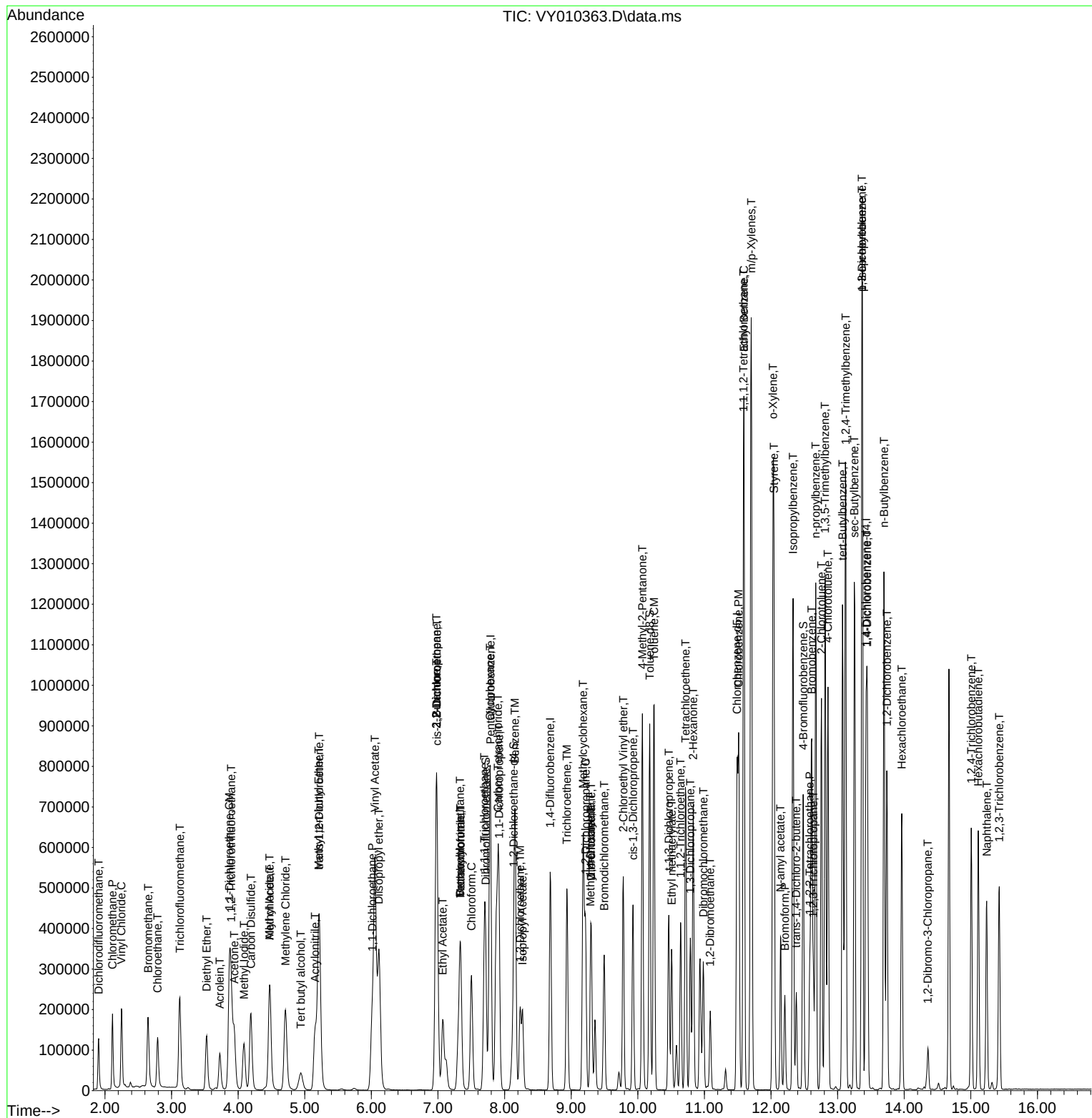
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

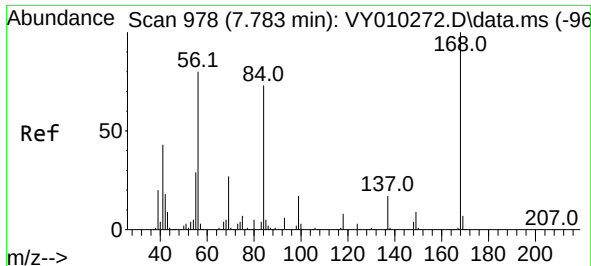
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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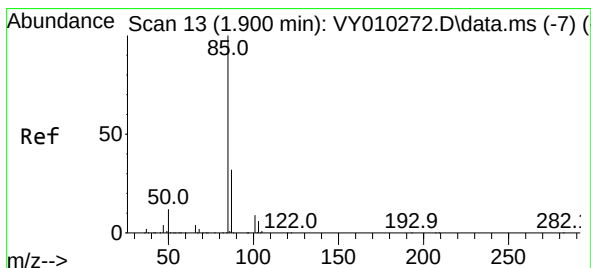
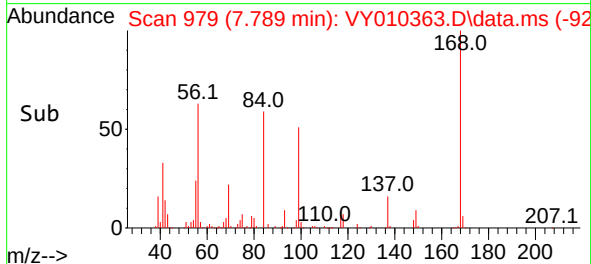
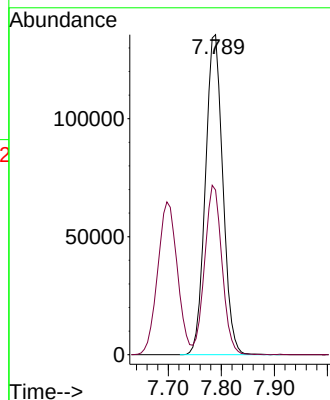
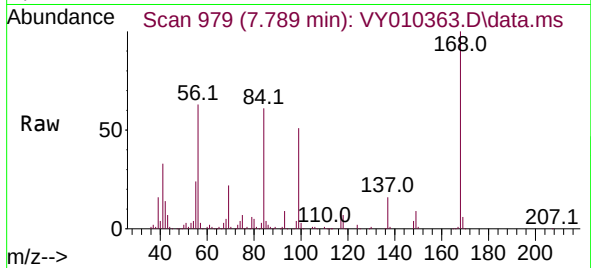




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

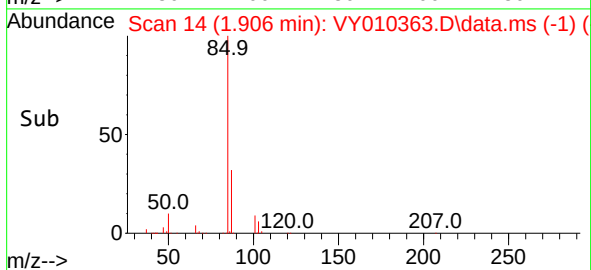
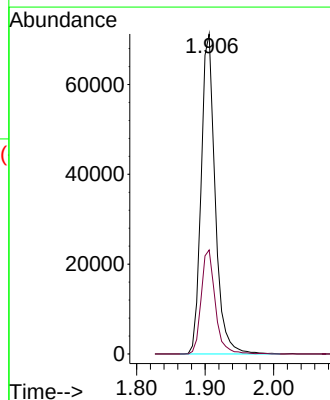
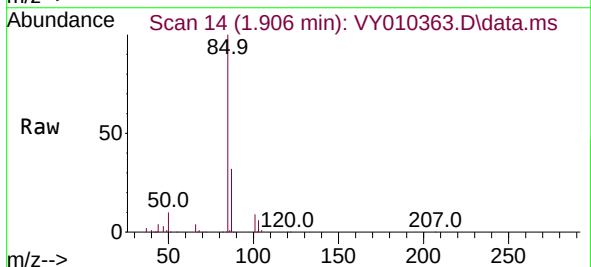
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

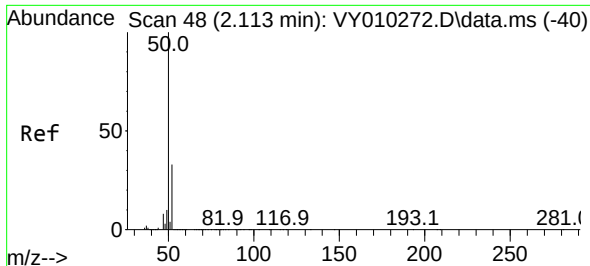
Tgt Ion:168 Resp: 309081  
Ion Ratio Lower Upper  
168 100  
99 51.3 46.9 70.3



#2  
Dichlorodifluoromethane  
Concen: 41.182 ug/l  
RT: 1.906 min Scan# 14  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 85 Resp: 101612  
Ion Ratio Lower Upper  
85 100  
87 32.5 16.1 48.2

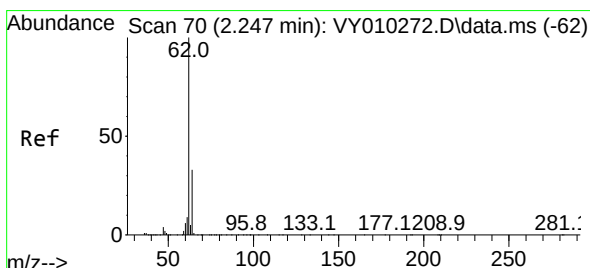
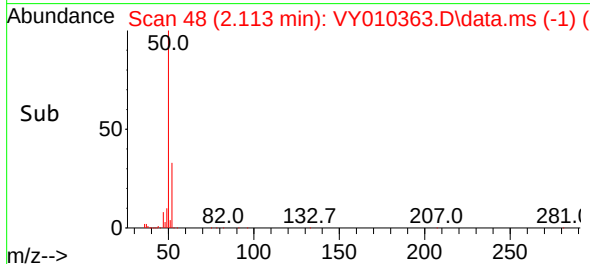
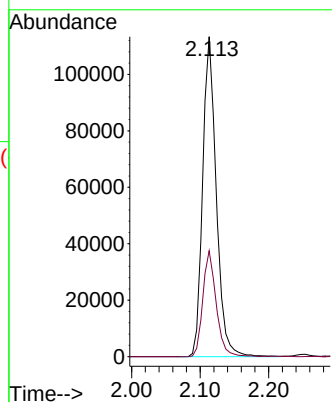
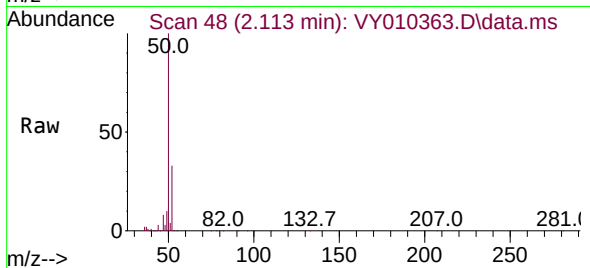




#3  
Chloromethane  
Concen: 46.629 ug/l  
RT: 2.113 min Scan# 48  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

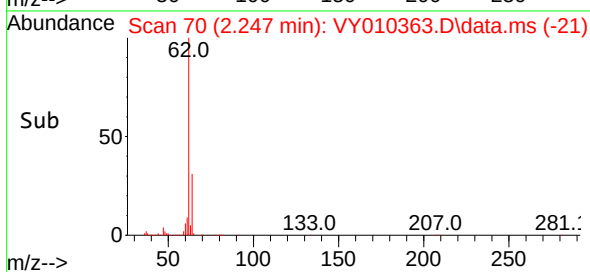
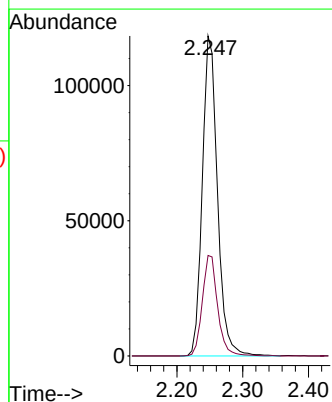
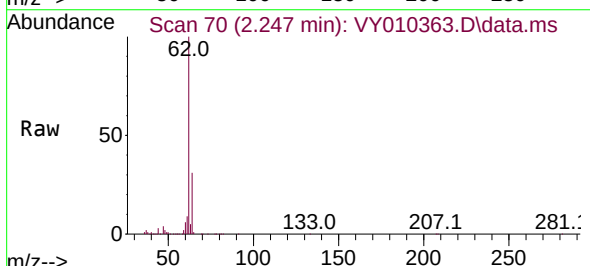
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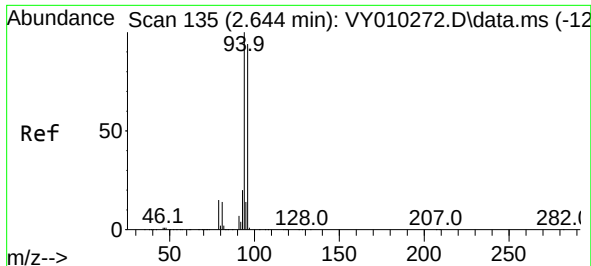
Tgt Ion: 50 Resp: 157086  
Ion Ratio Lower Upper  
50 100  
52 33.1 24.6 37.0



#4  
Vinyl Chloride  
Concen: 51.505 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 62 Resp: 189050  
Ion Ratio Lower Upper  
62 100  
64 31.4 25.0 37.6

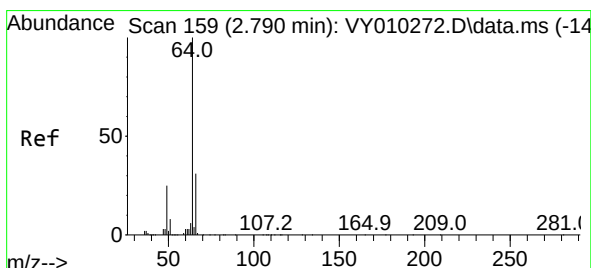
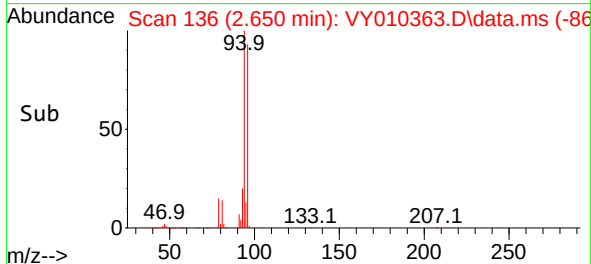
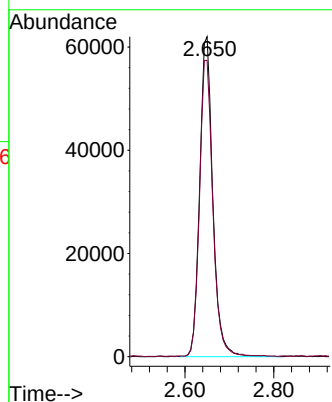
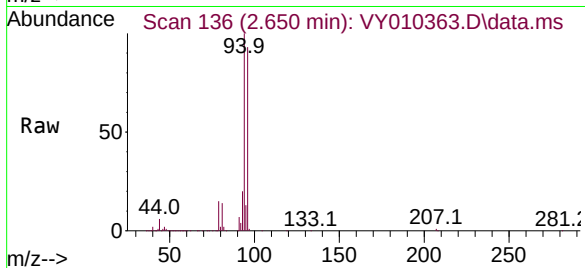




#5  
Bromomethane  
Concen: 63.264 ug/l  
RT: 2.650 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

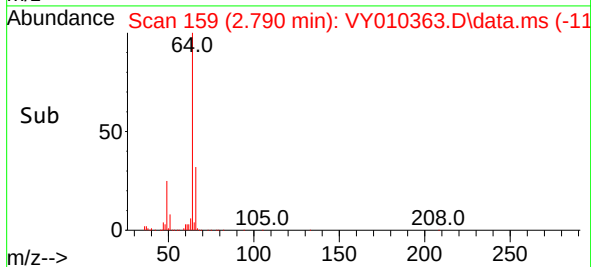
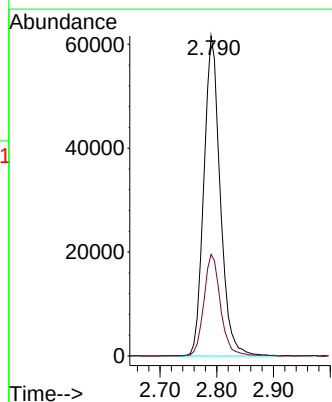
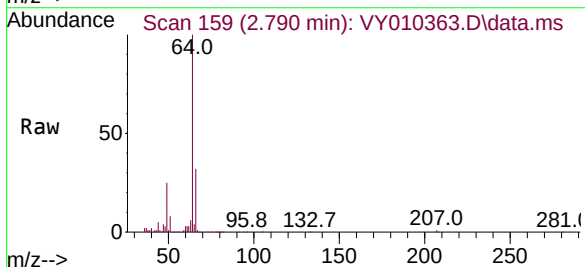
Instrument :  
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ClientSampleId :  
VSTDCCC050

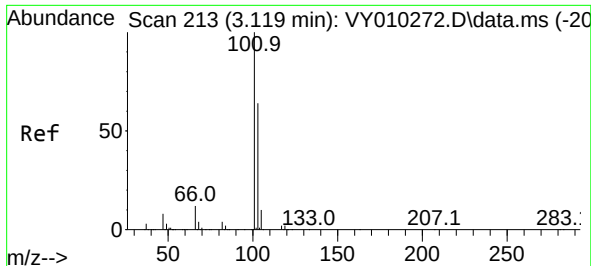
Tgt Ion: 94 Resp: 127307  
Ion Ratio Lower Upper  
94 100  
96 92.4 73.5 110.3



#6  
Chloroethane  
Concen: 54.992 ug/l  
RT: 2.790 min Scan# 159  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 64 Resp: 123472  
Ion Ratio Lower Upper  
64 100  
66 31.8 25.4 38.0

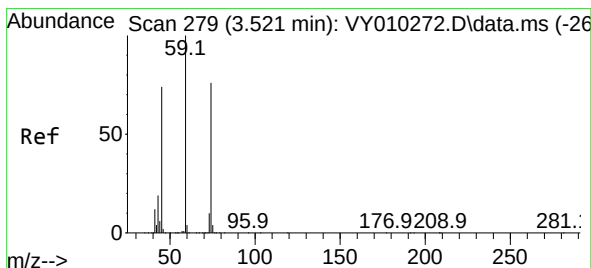
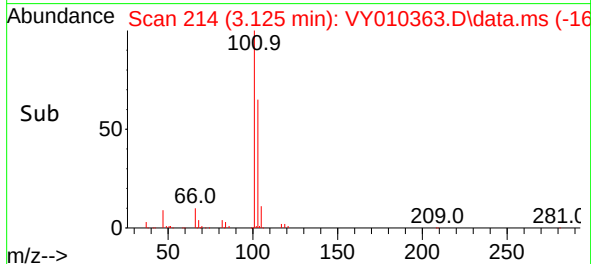
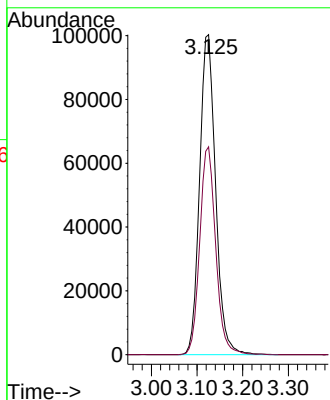
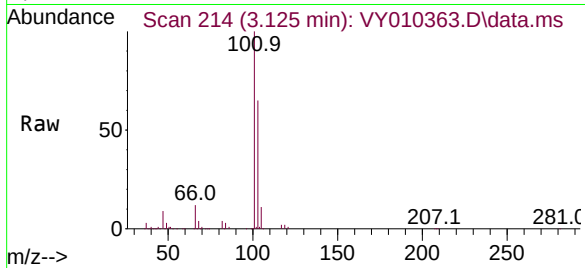




#7  
 Trichlorofluoromethane  
 Concen: 47.338 ug/l  
 RT: 3.125 min Scan# 213  
 Delta R.T. 0.006 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

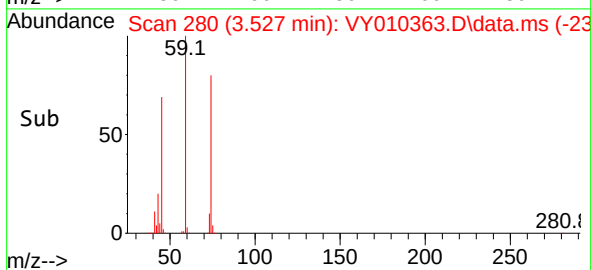
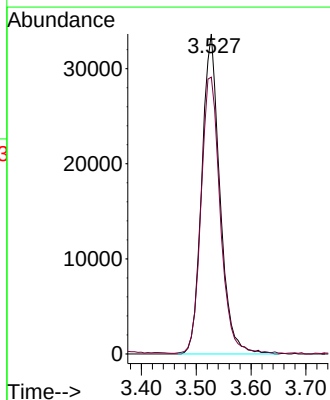
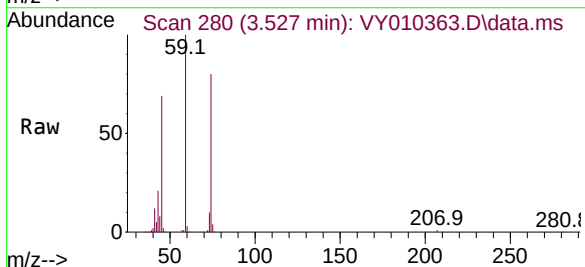
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 243554  
 Ion Ratio Lower Upper  
 101 100  
 103 65.0 48.0 72.0

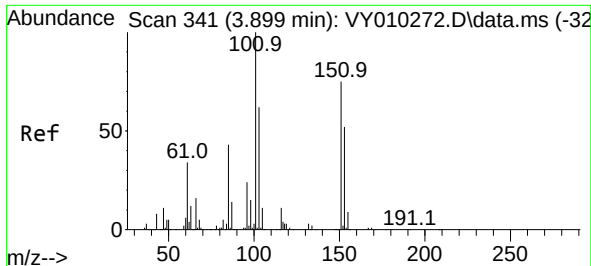


#8  
 Diethyl Ether  
 Concen: 41.972 ug/l  
 RT: 3.527 min Scan# 280  
 Delta R.T. 0.006 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

Tgt Ion: 74 Resp: 77164  
 Ion Ratio Lower Upper  
 74 100  
 45 91.3 55.1 165.5



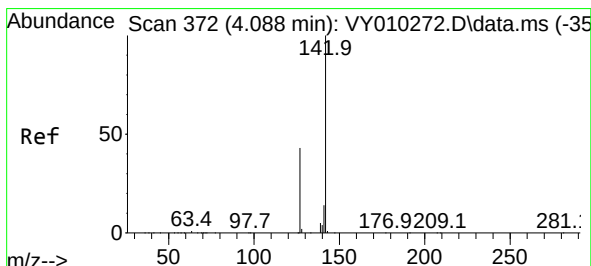
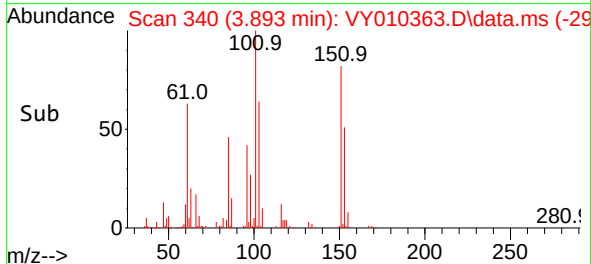
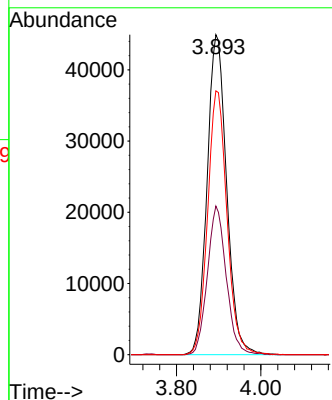
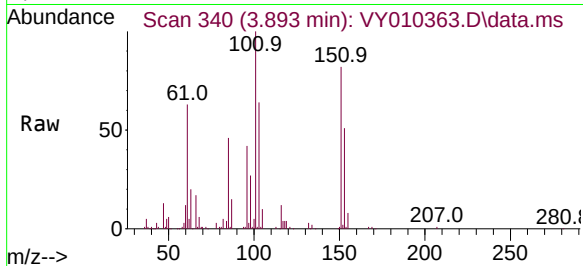




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.598 ug/l  
RT: 3.893 min Scan# 341  
Delta R.T. -0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

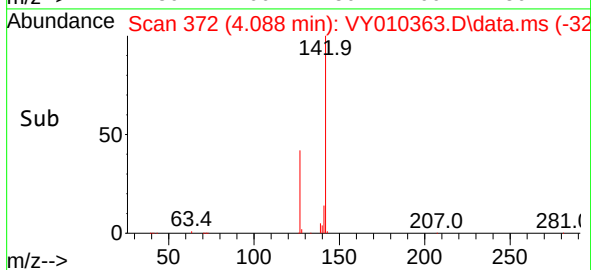
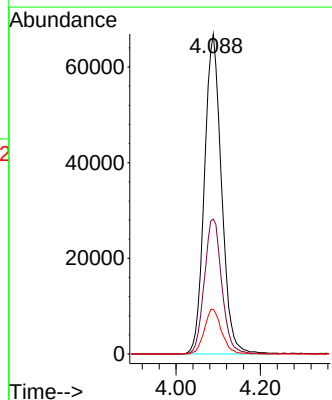
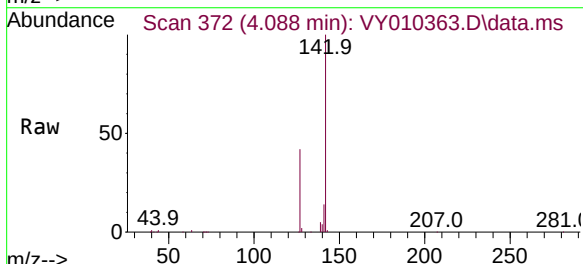
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

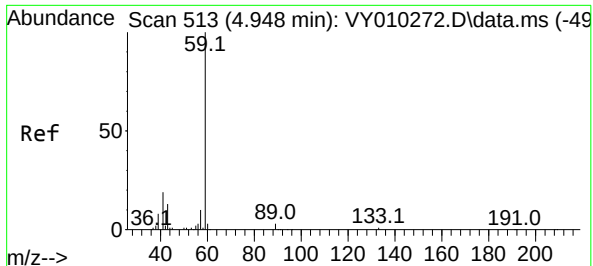
Tgt Ion:101 Resp: 144892  
Ion Ratio Lower Upper  
101 100  
85 44.9 40.6 60.8  
151 81.5 64.9 97.3



#10  
Methyl Iodide  
Concen: 49.394 ug/l  
RT: 4.088 min Scan# 372  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion:142 Resp: 188822  
Ion Ratio Lower Upper  
142 100  
127 43.1 41.5 62.3  
141 14.1 11.9 17.9

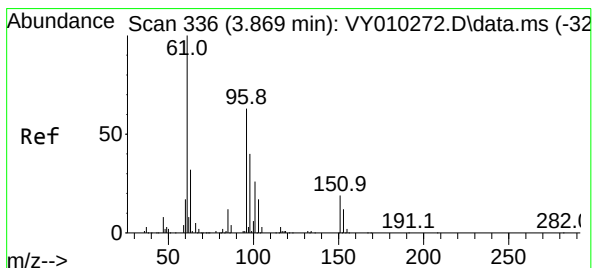
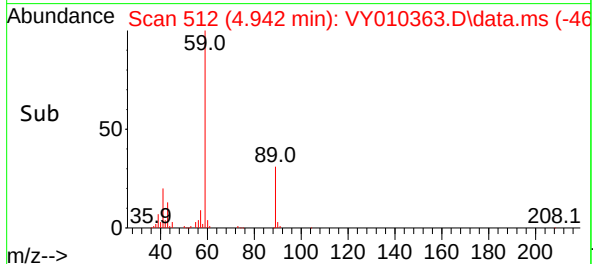
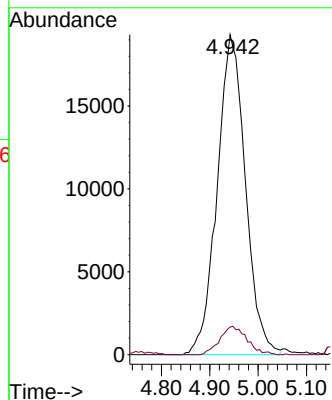
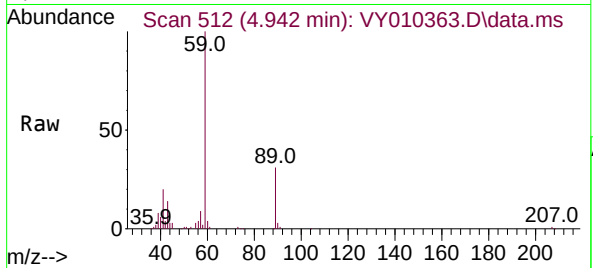




#11  
Tert butyl alcohol  
Concen: 206.504 ug/l  
RT: 4.942 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

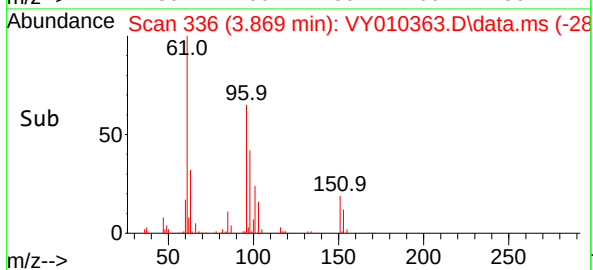
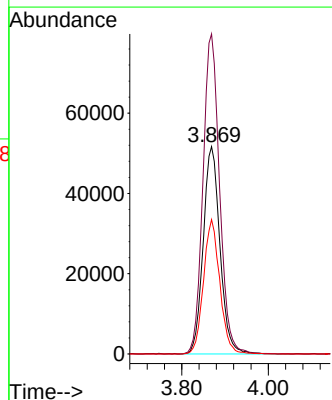
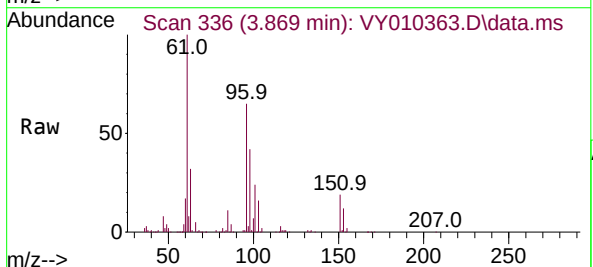
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

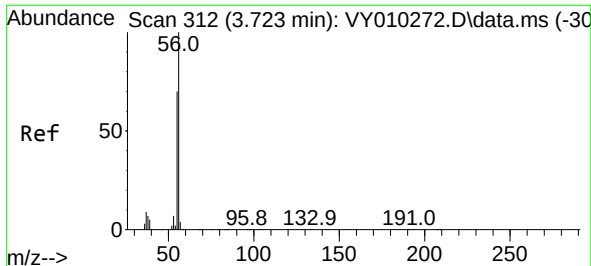
Tgt Ion: 59 Resp: 78297  
Ion Ratio Lower Upper  
59 100  
57 8.5 6.4 9.6



#12  
1,1-Dichloroethene  
Concen: 45.079 ug/l  
RT: 3.869 min Scan# 336  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 96 Resp: 138700  
Ion Ratio Lower Upper  
96 100  
61 154.3 145.8 218.6  
98 64.8 52.5 78.7

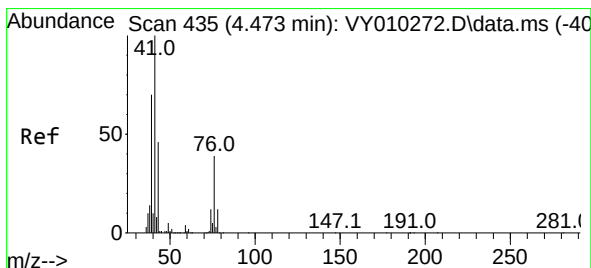
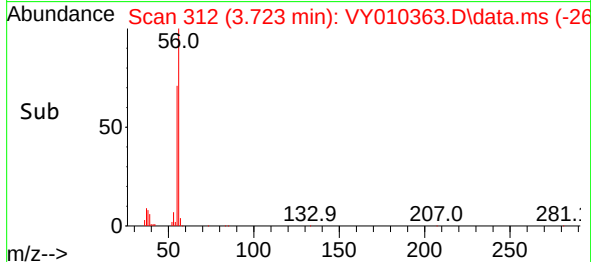
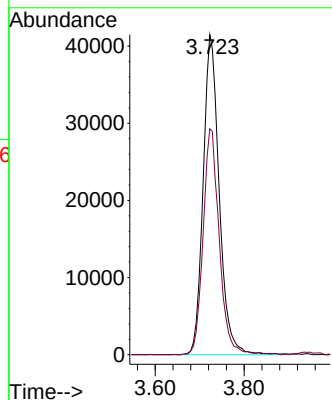
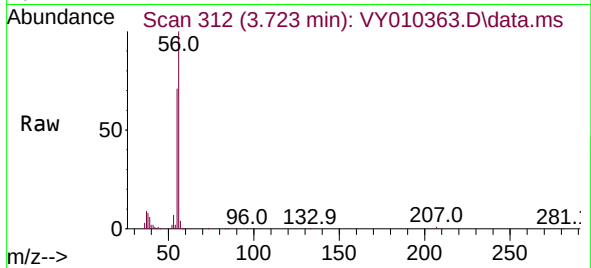




#13  
Acrolein  
Concen: 260.085 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

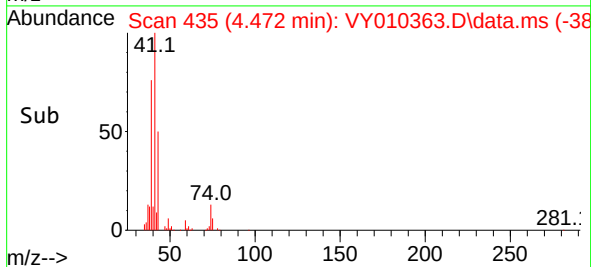
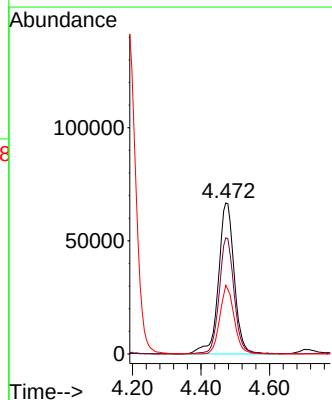
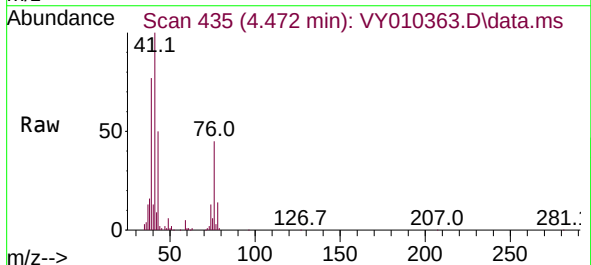
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

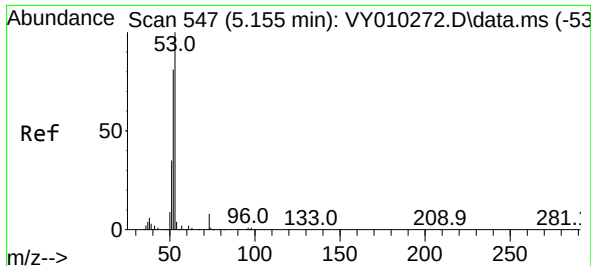
Tgt Ion: 56 Resp: 104392  
Ion Ratio Lower Upper  
56 100  
55 70.6 57.6 86.4



#14  
Allyl chloride  
Concen: 39.298 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 41 Resp: 212818  
Ion Ratio Lower Upper  
41 100  
39 72.8 58.8 88.2  
76 40.9 25.1 37.7#

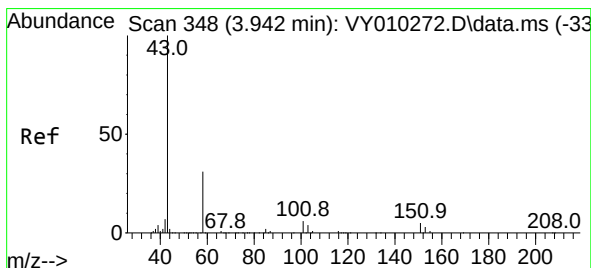
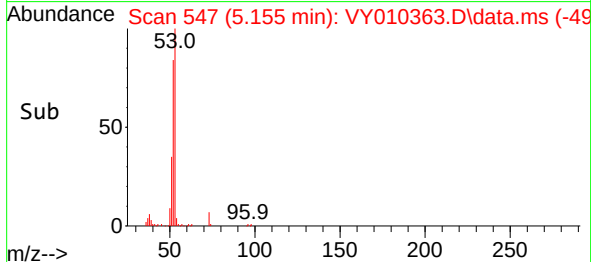
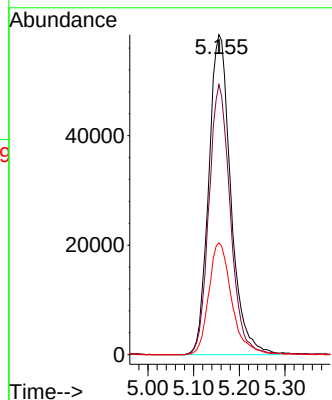
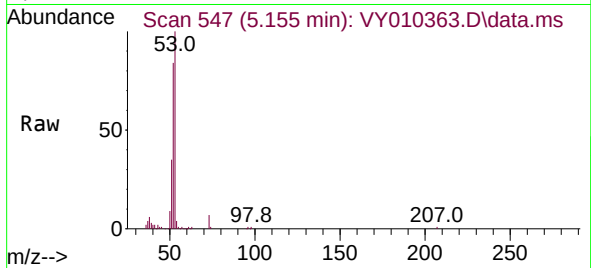




#15  
Acrylonitrile  
Concen: 205.122 ug/l  
RT: 5.155 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

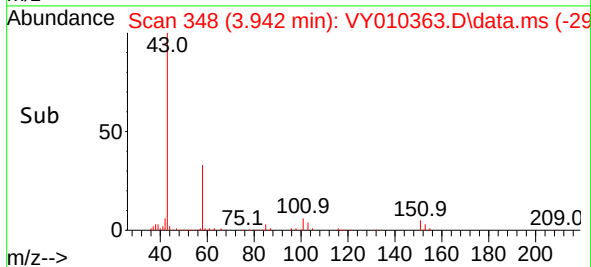
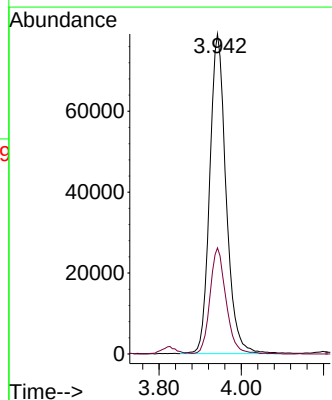
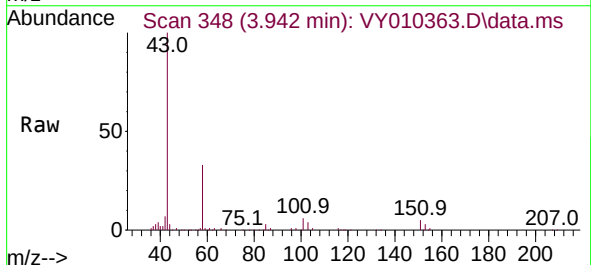
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

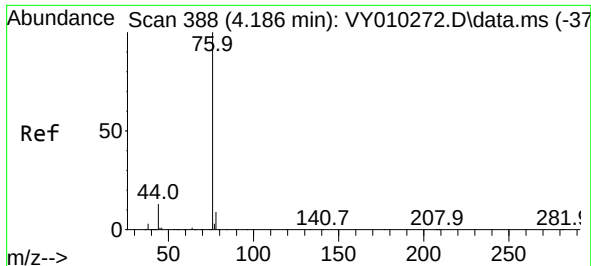
Tgt Ion: 53 Resp: 196496  
Ion Ratio Lower Upper  
53 100  
52 81.9 67.0 100.4  
51 36.1 29.8 44.6



#16  
Acetone  
Concen: 275.185 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 43 Resp: 218023  
Ion Ratio Lower Upper  
43 100  
58 33.1 22.0 33.0#

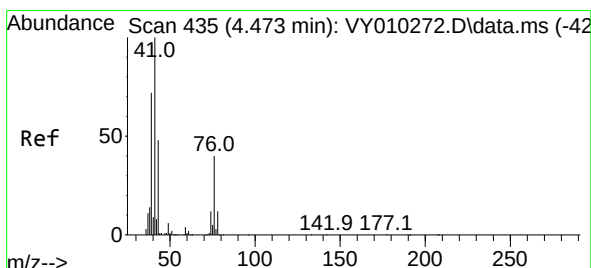
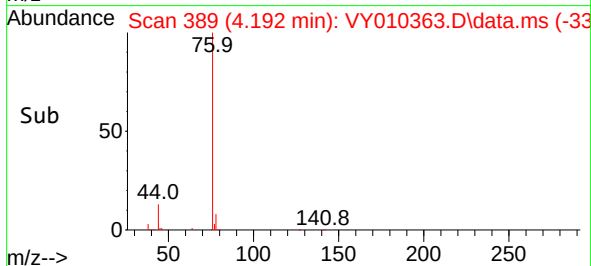
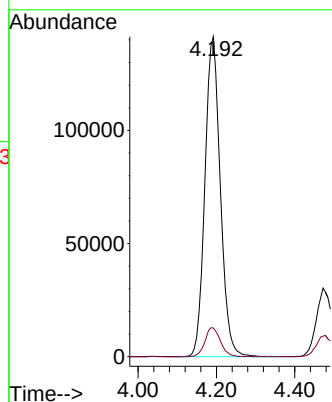
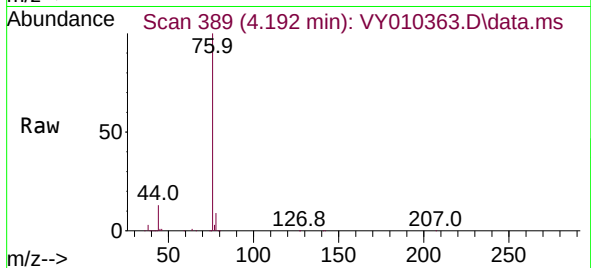




#17  
Carbon Disulfide  
Concen: 41.150 ug/l  
RT: 4.192 min Scan# 389  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

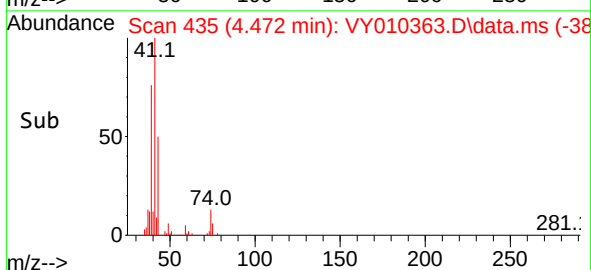
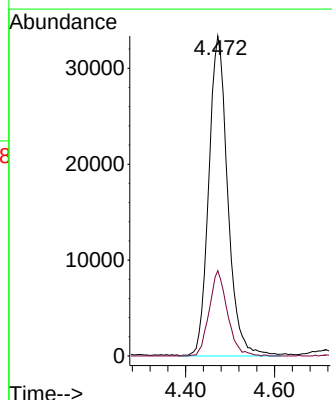
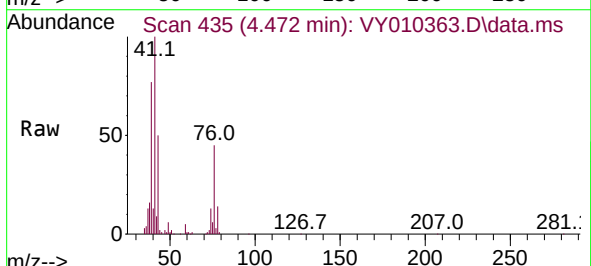
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

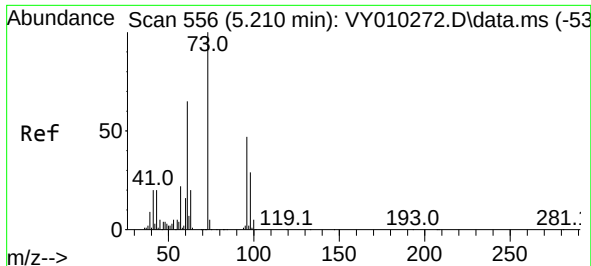
Tgt Ion: 76 Resp: 385662  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 40.350 ug/l  
RT: 4.472 min Scan# 435  
Delta R.T. -0.001 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 43 Resp: 99210  
Ion Ratio Lower Upper  
43 100  
74 25.5 16.6 24.8#





#19

Methyl tert-butyl Ether

Concen: 42.091 ug/l

RT: 5.210 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

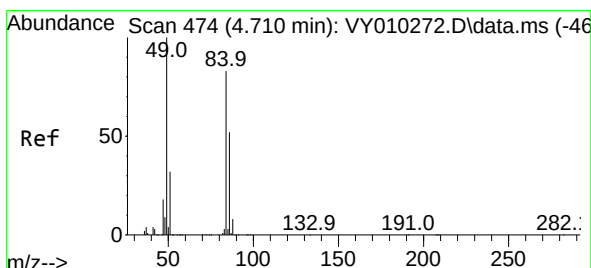
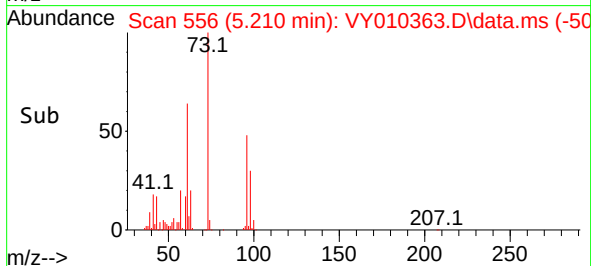
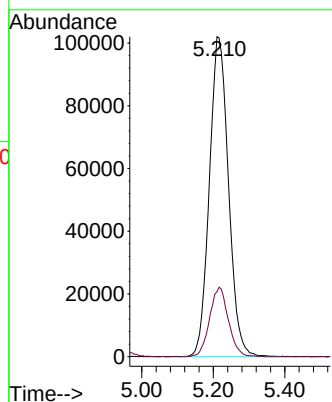
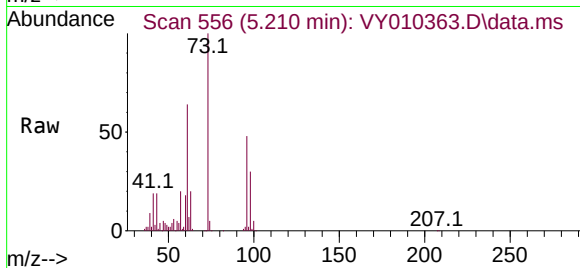
VSTDCCC050

Tgt Ion: 73 Resp: 378604

Ion Ratio Lower Upper

73 100

57 20.3 18.6 27.8



#20

Methylene Chloride

Concen: 40.730 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Tgt Ion: 84 Resp: 155727

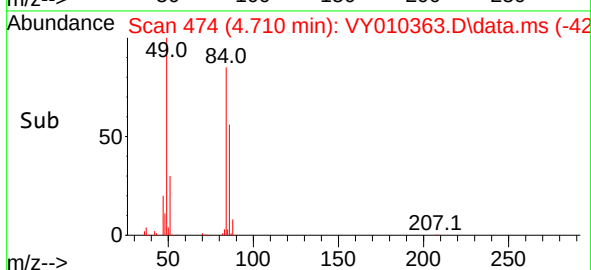
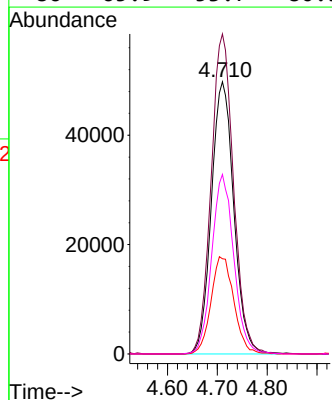
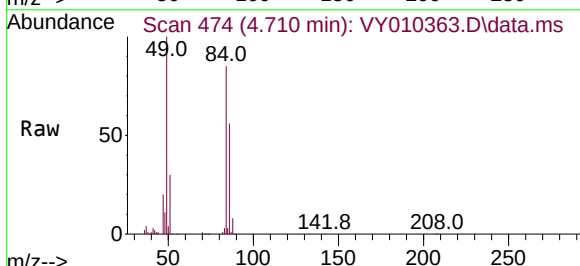
Ion Ratio Lower Upper

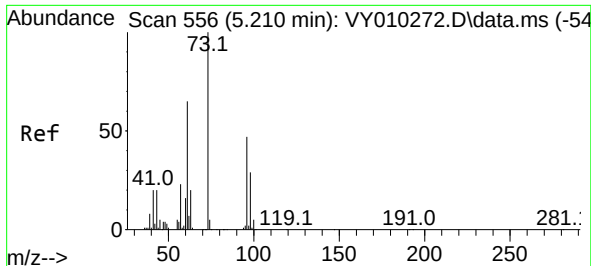
84 100

49 117.5 114.4 171.6

51 35.0 35.3 52.9#

86 65.9 53.7 80.5

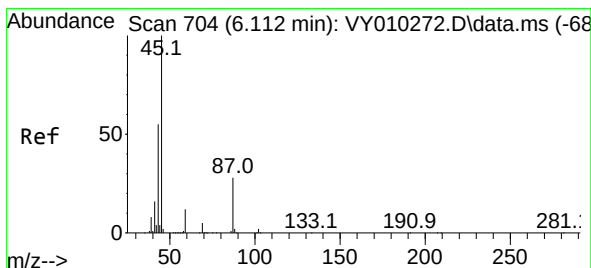
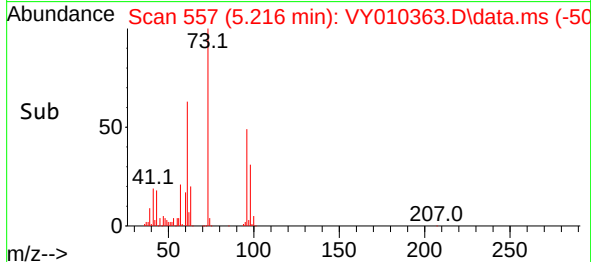
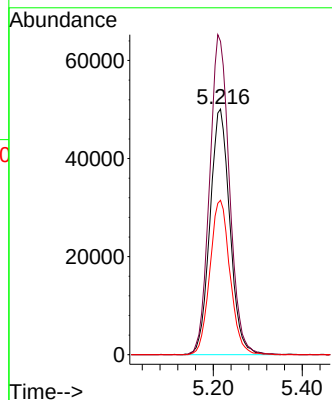
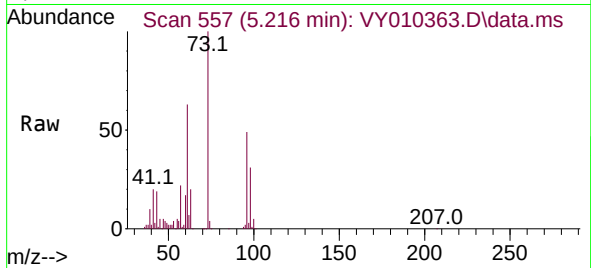




#21  
trans-1,2-Dichloroethene  
Concen: 44.683 ug/l  
RT: 5.216 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

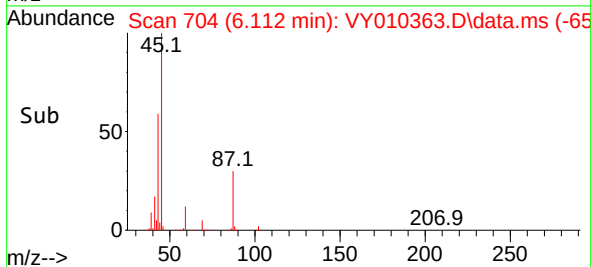
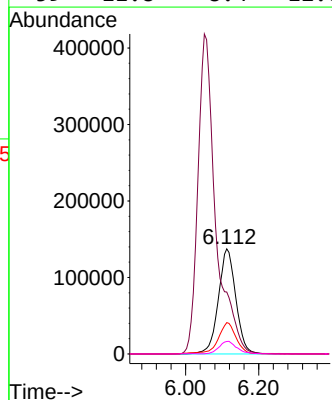
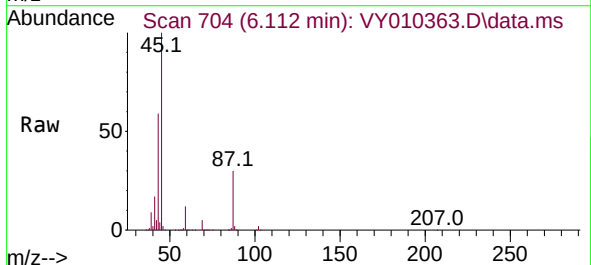
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

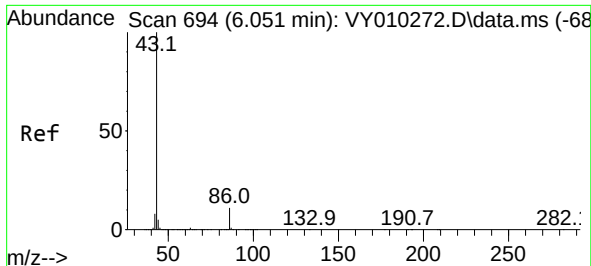
Tgt Ion: 96 Resp: 155795  
Ion Ratio Lower Upper  
96 100  
61 127.6 120.5 180.7  
98 62.9 49.8 74.8



#22  
Diisopropyl ether  
Concen: 41.455 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 45 Resp: 456263  
Ion Ratio Lower Upper  
45 100  
43 58.8 49.3 73.9  
87 29.9 19.2 28.8#  
59 11.8 8.4 12.6

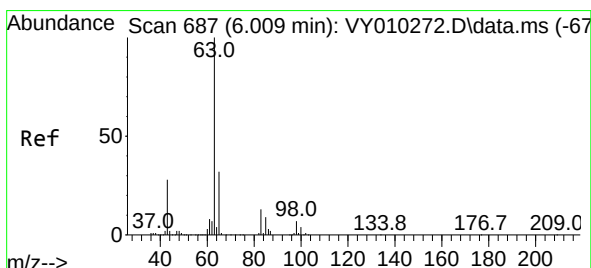
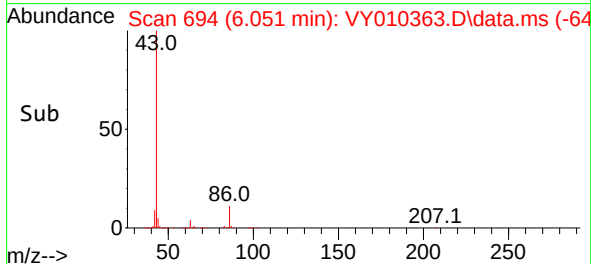
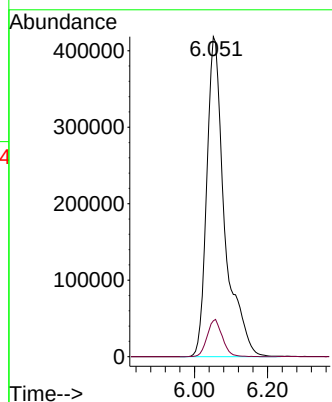
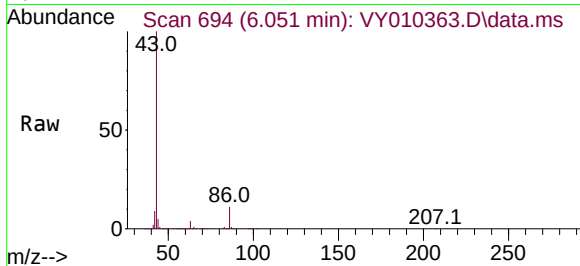




#23  
 Vinyl Acetate  
 Concen: 206.039 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

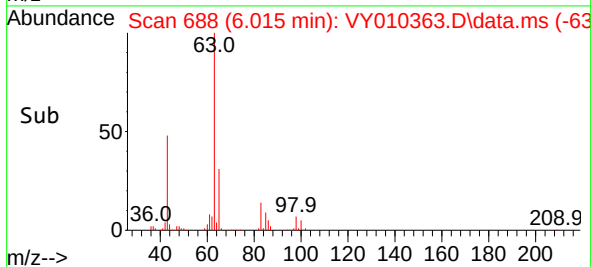
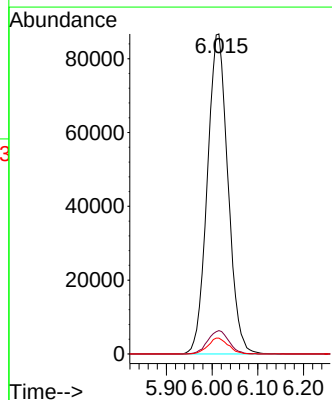
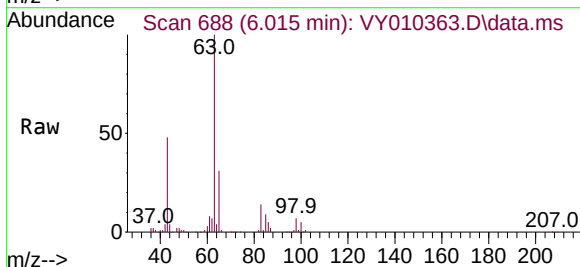
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 1421848  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 7.1 10.7#

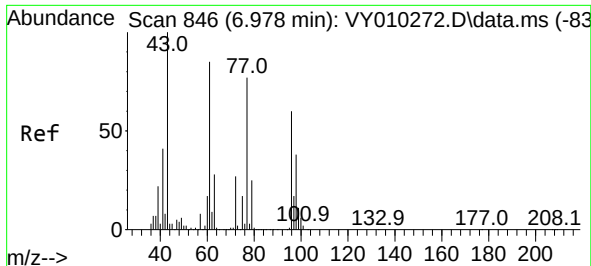


#24  
 1,1-Dichloroethane  
 Concen: 42.811 ug/l  
 RT: 6.015 min Scan# 688  
 Delta R.T. 0.006 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

Tgt Ion: 63 Resp: 271439  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.6 10.8  
 100 4.9 2.0 5.8



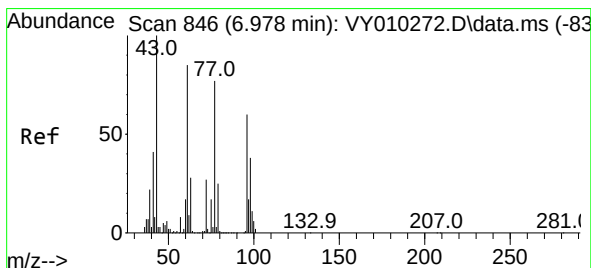
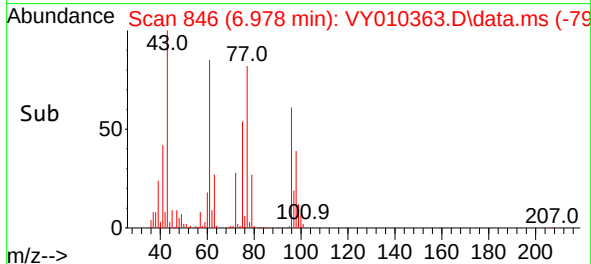
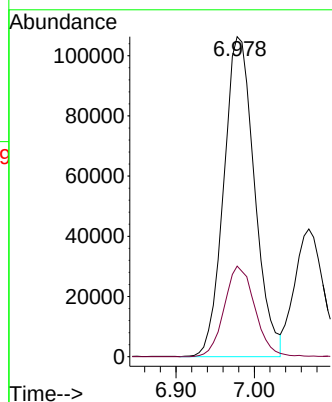
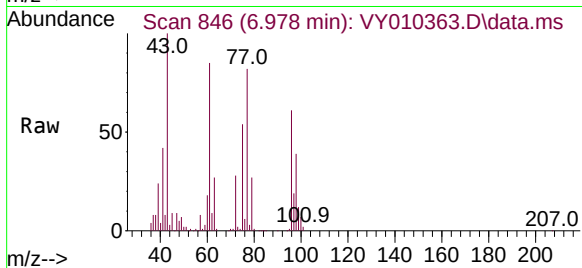




#25  
2-Butanone  
Concen: 223.252 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

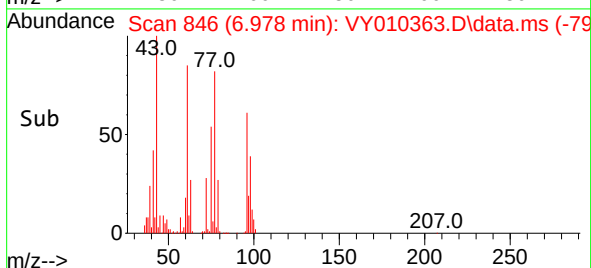
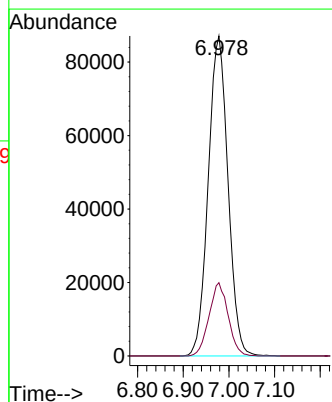
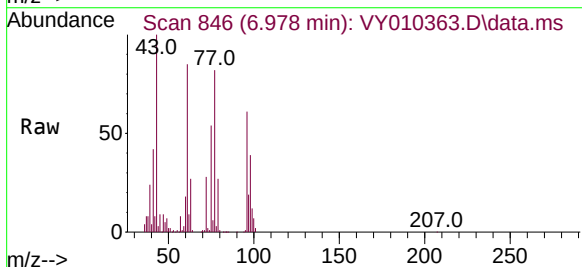
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

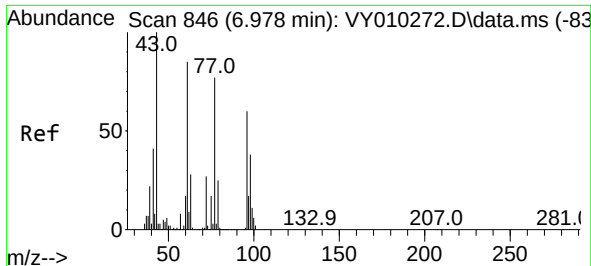
Tgt Ion: 43 Resp: 290282  
Ion Ratio Lower Upper  
43 100  
72 28.3 17.7 26.5#



#26  
2,2-Dichloropropane  
Concen: 45.262 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 77 Resp: 261383  
Ion Ratio Lower Upper  
77 100  
97 22.2 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 45.210 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

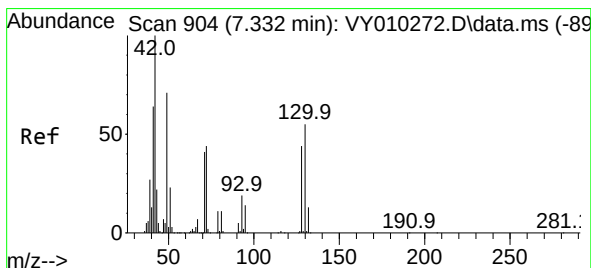
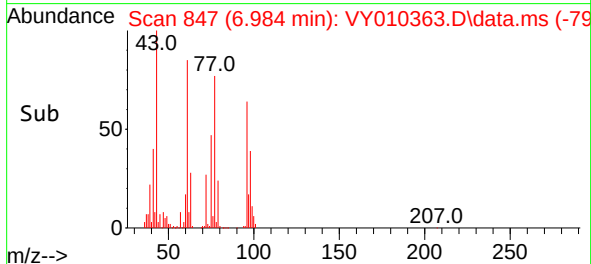
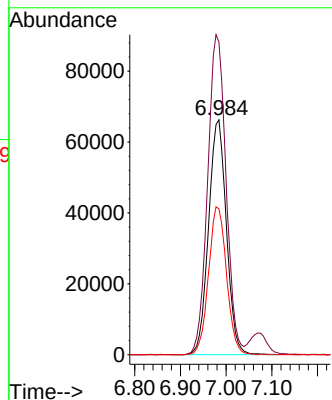
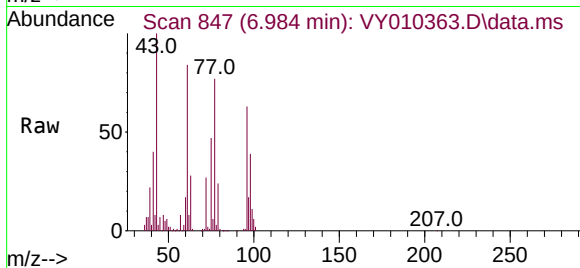
Tgt Ion: 96 Resp: 180147

Ion Ratio Lower Upper

96 100

61 140.1 0.0 319.8

98 63.4 0.0 127.0



#28

Bromochloromethane

Concen: 47.792 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

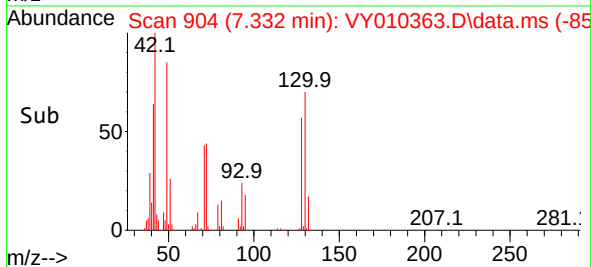
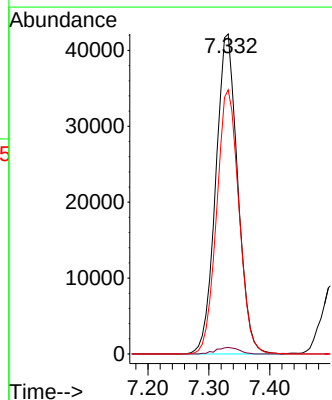
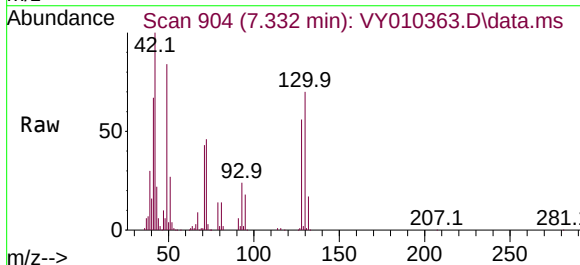
Tgt Ion: 49 Resp: 105950

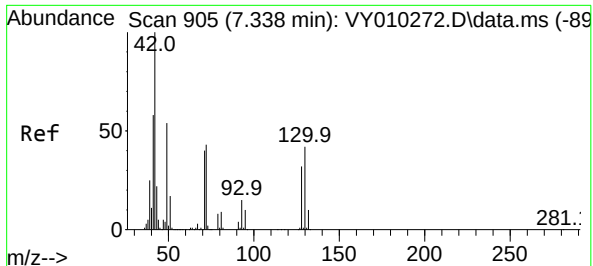
Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.2

130 83.4 55.4 83.0#





#29

Tetrahydrofuran

Concen: 195.286 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

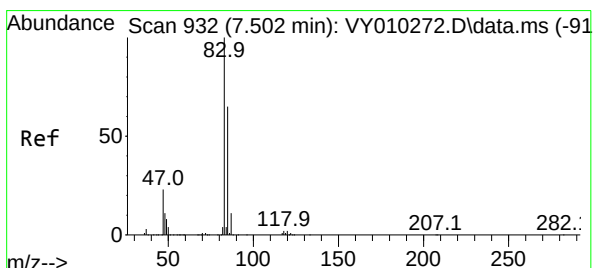
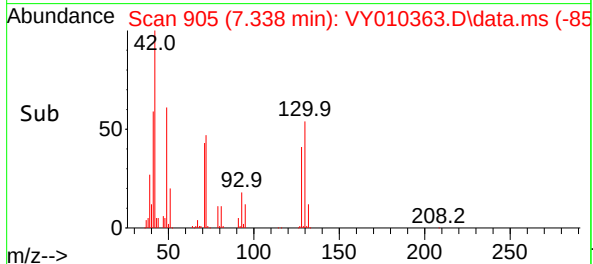
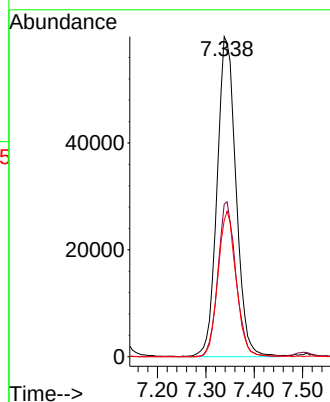
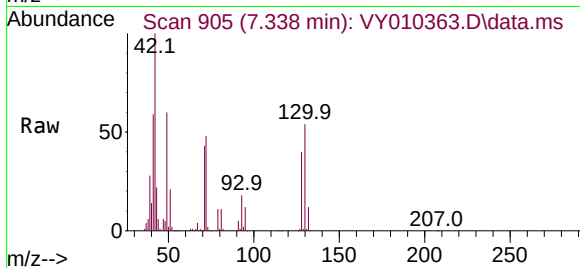
Tgt Ion: 42 Resp: 162674

Ion Ratio Lower Upper

42 100

72 46.2 30.3 45.5#

71 43.6 29.0 43.4#



#30

Chloroform

Concen: 45.218 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY010363.D

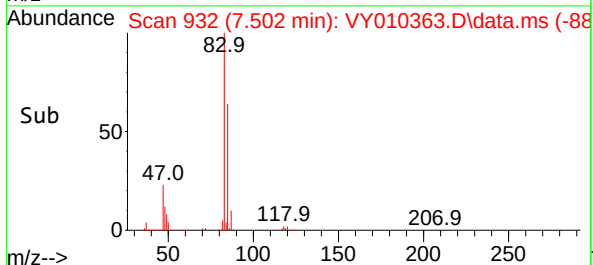
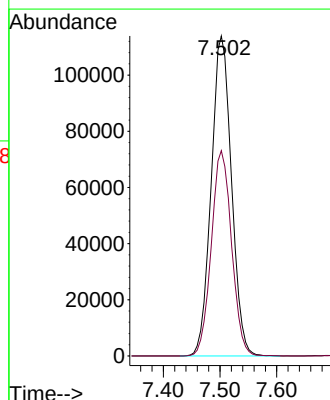
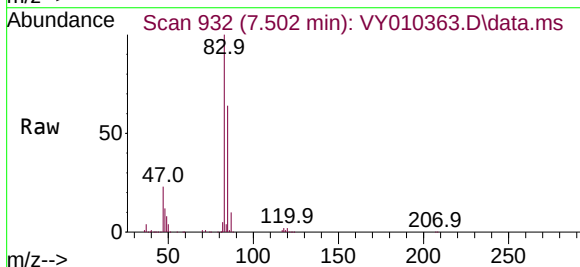
Acq: 07 Sep 2022 09:58

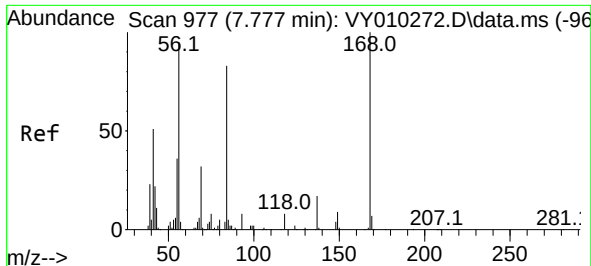
Tgt Ion: 83 Resp: 282332

Ion Ratio Lower Upper

83 100

85 64.2 51.8 77.6

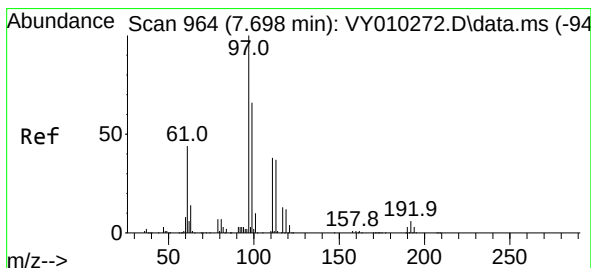
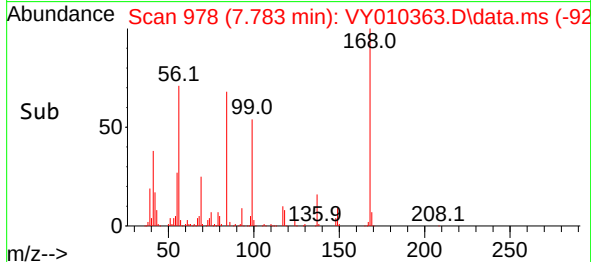
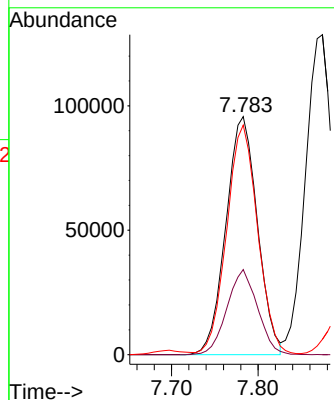
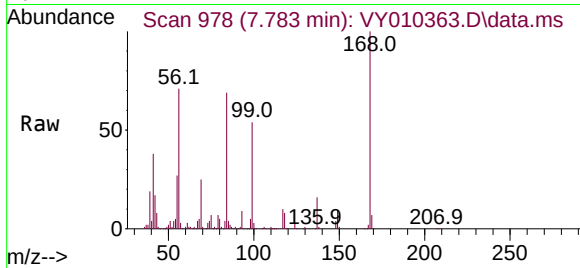




#31  
Cyclohexane  
Concen: 39.114 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

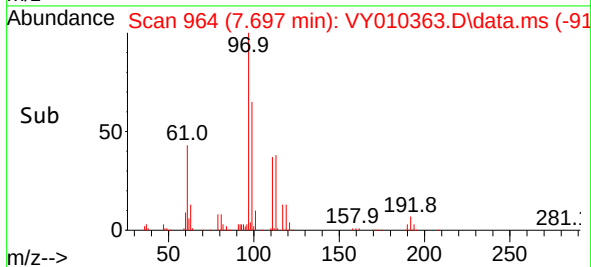
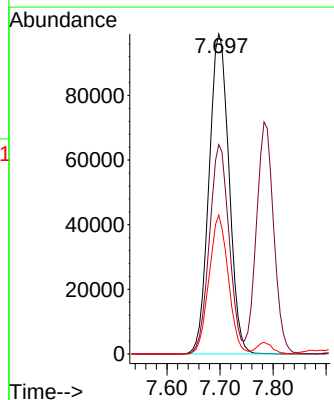
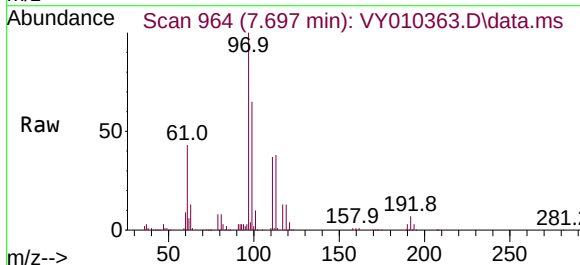
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

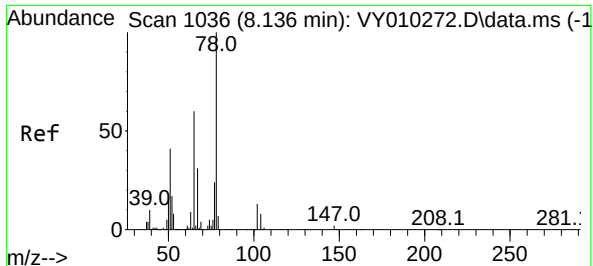
Tgt Ion: 56 Resp: 241820  
Ion Ratio Lower Upper  
56 100  
69 35.7 26.7 40.1  
84 95.3 67.2 100.8



#32  
1,1,1-Trichloroethane  
Concen: 45.564 ug/l  
RT: 7.697 min Scan# 964  
Delta R.T. -0.001 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 97 Resp: 259223  
Ion Ratio Lower Upper  
97 100  
99 64.8 50.7 76.1  
61 41.9 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 48.751 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

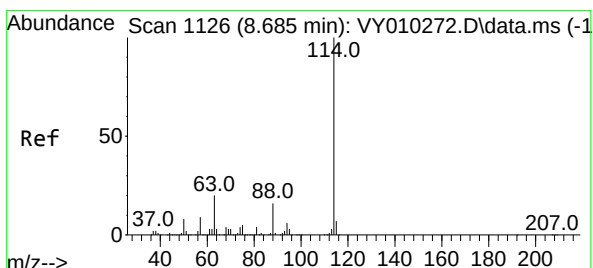
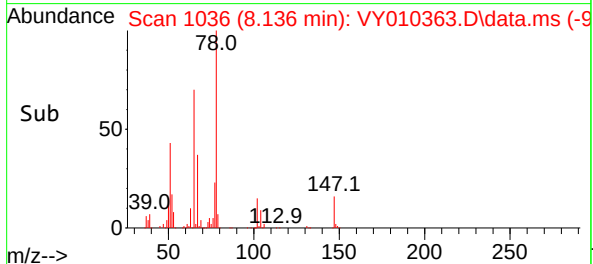
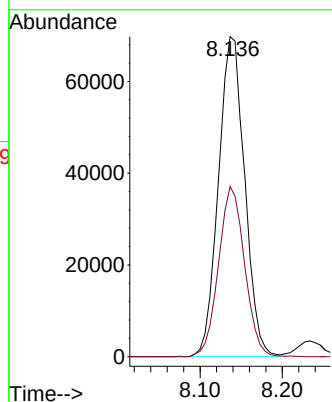
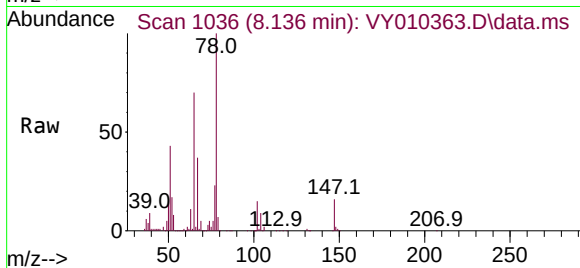
VSTDCCC050

Tgt Ion: 65 Resp: 154506

Ion Ratio Lower Upper

65 100

67 52.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

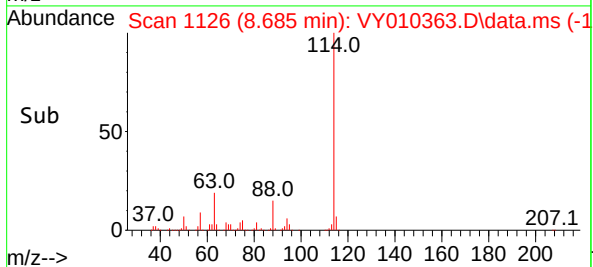
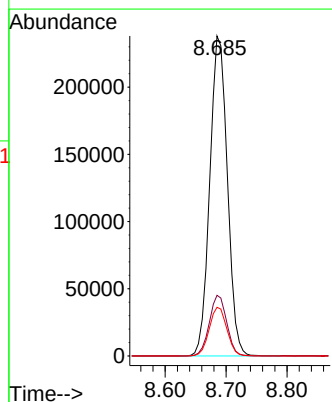
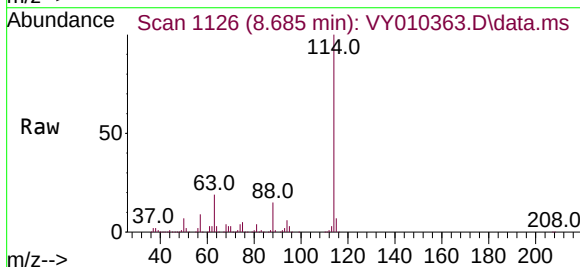
Tgt Ion: 114 Resp: 477136

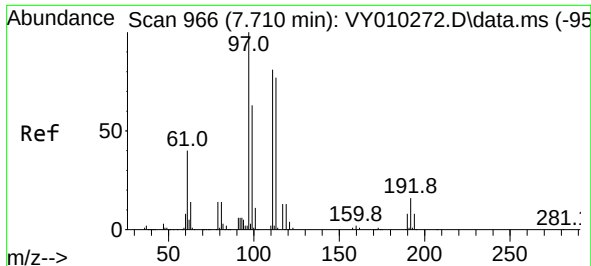
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.042 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

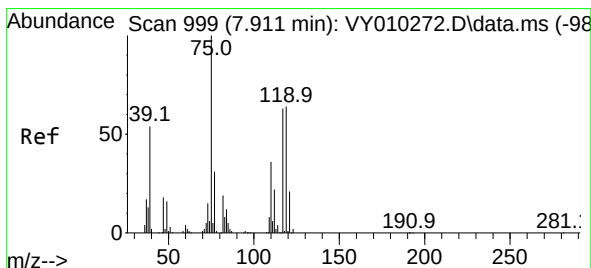
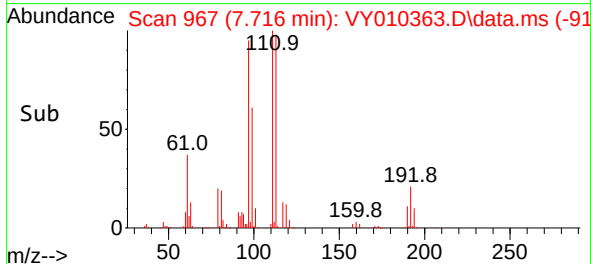
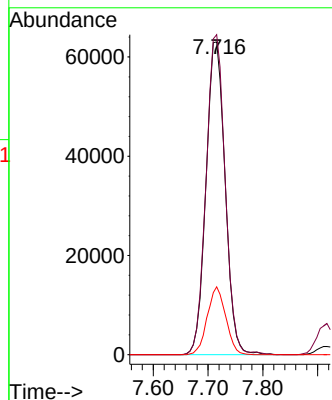
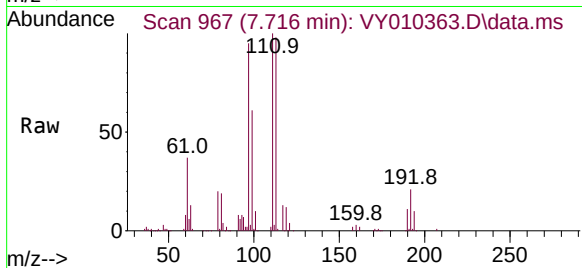
Tgt Ion:113 Resp: 152600

Ion Ratio Lower Upper

113 100

111 102.1 82.6 124.0

192 21.0 17.6 26.4



#36

1,1-Dichloropropene

Concen: 46.305 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

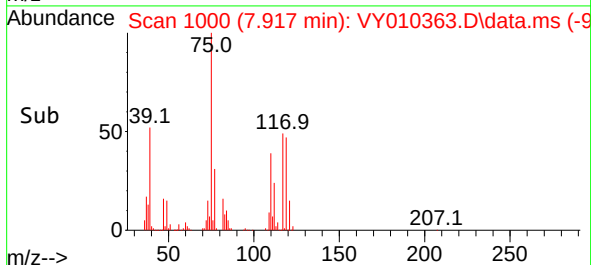
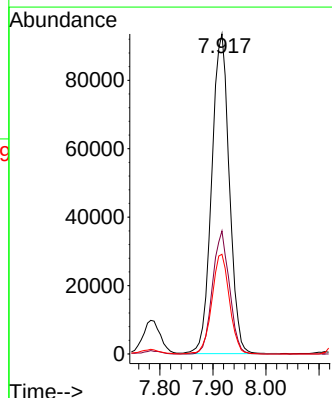
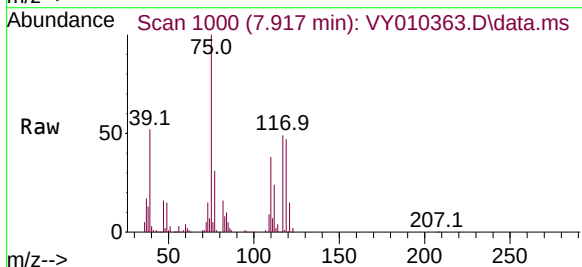
Tgt Ion: 75 Resp: 215800

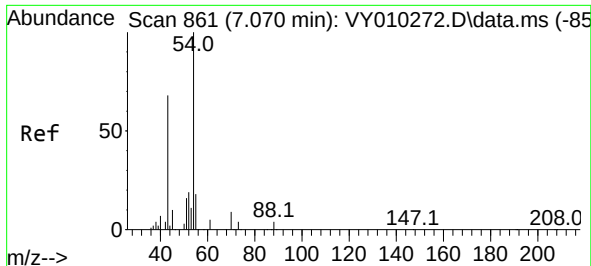
Ion Ratio Lower Upper

75 100

110 36.8 17.1 51.2

77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 42.039 ug/l

RT: 7.070 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

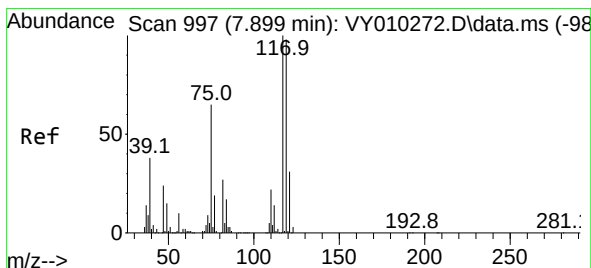
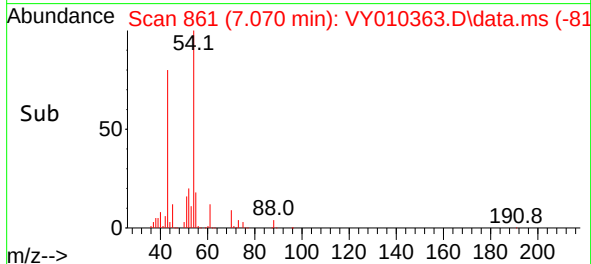
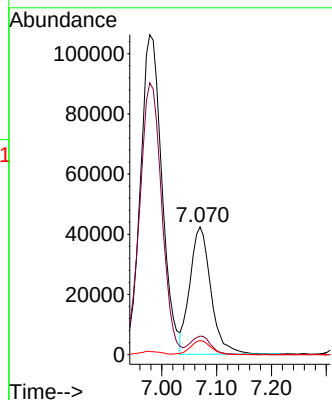
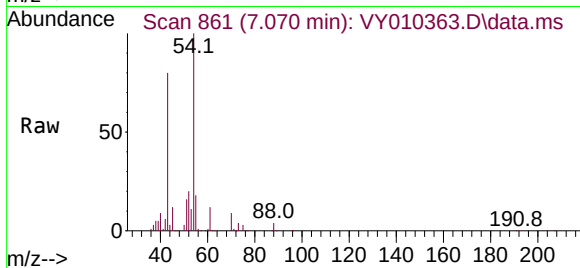
Tgt Ion: 43 Resp: 112329

Ion Ratio Lower Upper

43 100

61 14.1 9.7 14.5

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 49.771 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

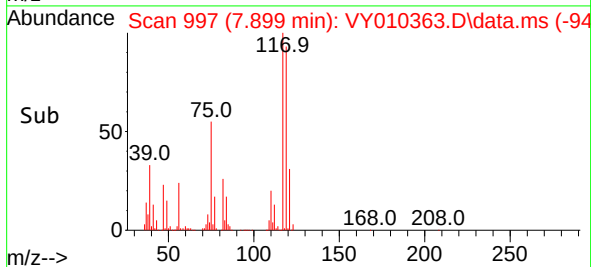
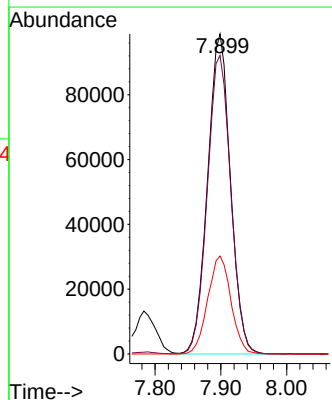
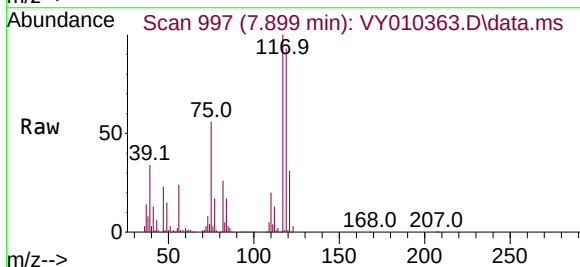
Tgt Ion: 117 Resp: 239054

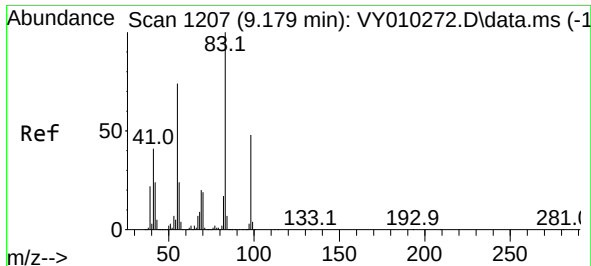
Ion Ratio Lower Upper

117 100

119 93.2 77.9 116.9

121 30.6 24.8 37.2





#39

Methylcyclohexane

Concen: 44.833 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

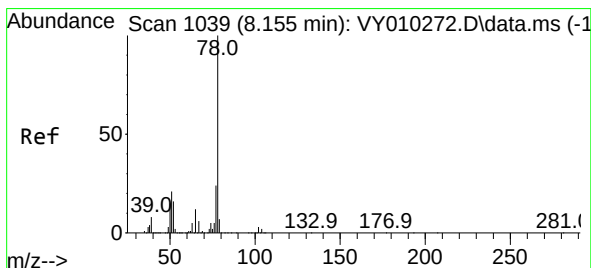
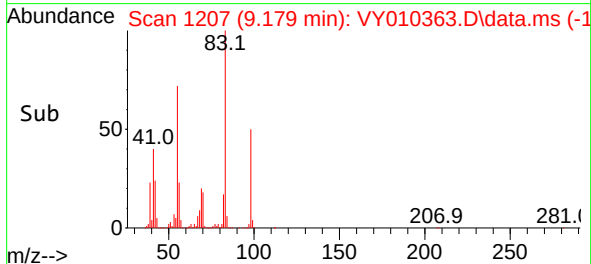
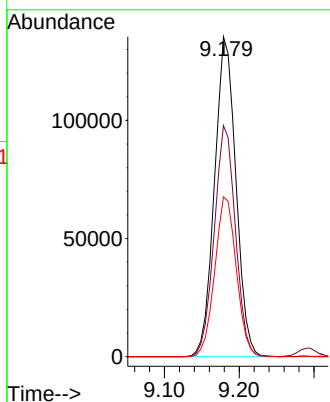
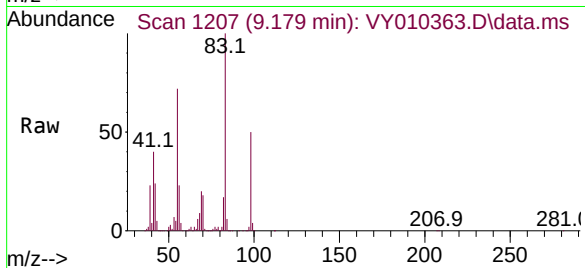
Tgt Ion: 83 Resp: 269746

Ion Ratio Lower Upper

83 100

55 72.2 66.5 99.7

98 49.9 37.9 56.9



#40

Benzene

Concen: 46.345 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY010363.D

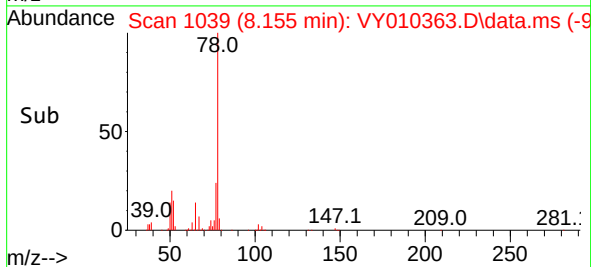
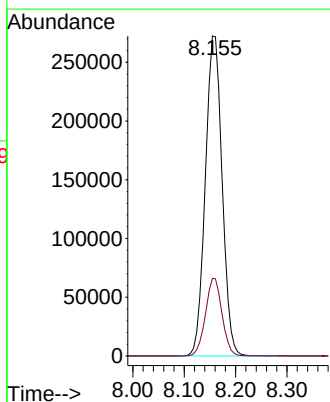
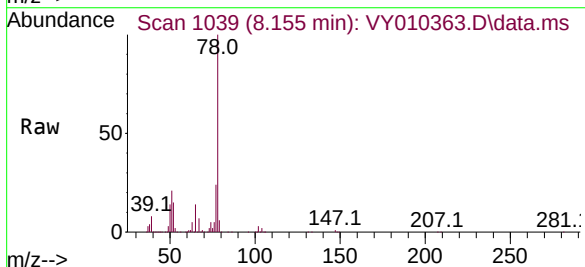
Acq: 07 Sep 2022 09:58

Tgt Ion: 78 Resp: 618585

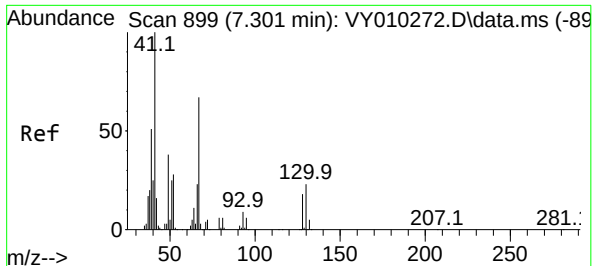
Ion Ratio Lower Upper

78 100

77 24.3 20.4 30.6



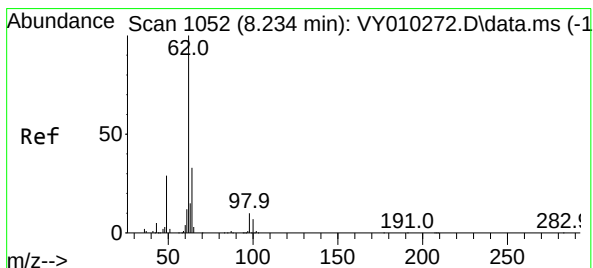
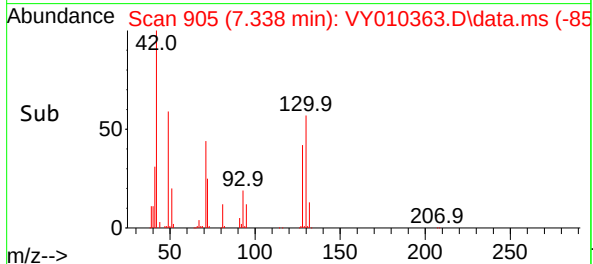
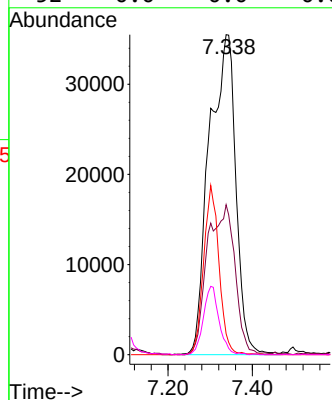
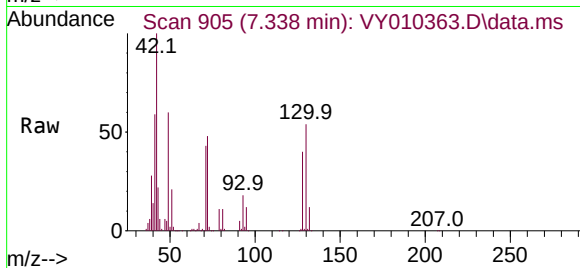




#41  
Methacrylonitrile  
Concen: 102.696 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.037 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

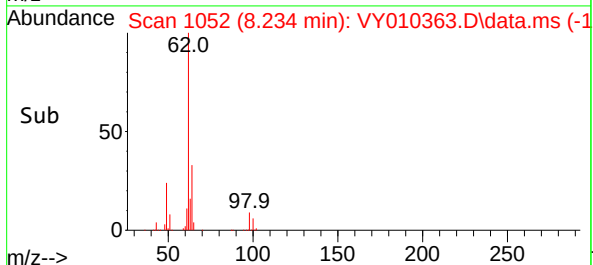
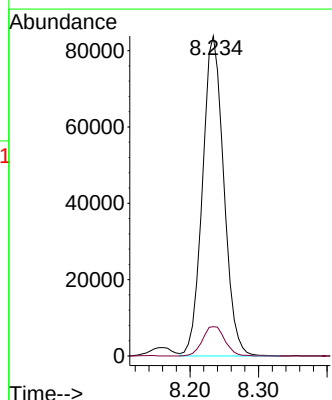
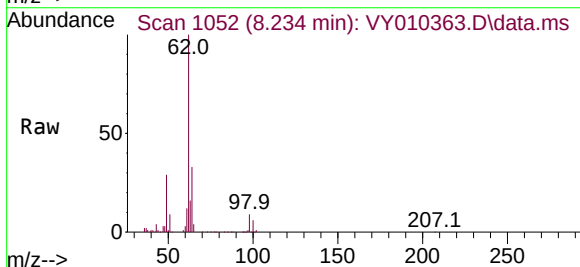
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

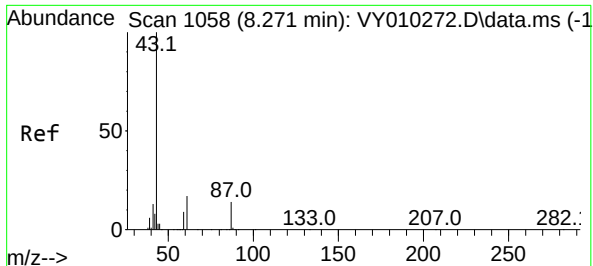
Tgt Ion: 41 Resp: 154701  
Ion Ratio Lower Upper  
41 100  
39 0.0 92.9 139.3#  
67 0.0 0.0 0.0  
52 0.0 0.0 0.0



#42  
1,2-Dichloroethane  
Concen: 46.778 ug/l  
RT: 8.234 min Scan# 1052  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 62 Resp: 181031  
Ion Ratio Lower Upper  
62 100  
98 9.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 41.312 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

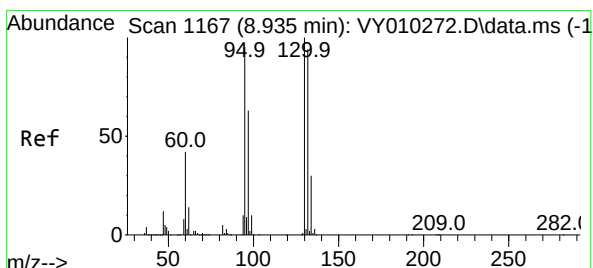
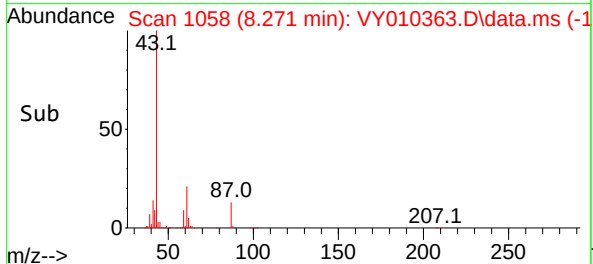
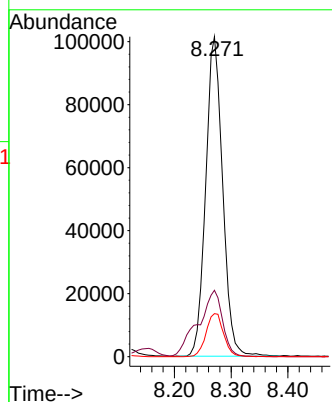
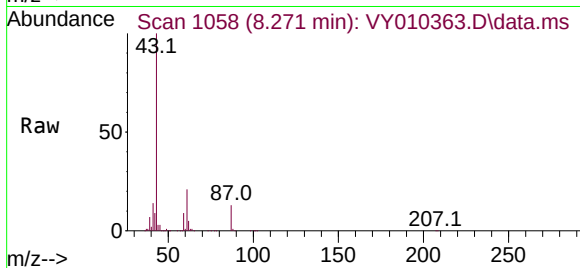
Tgt Ion: 43 Resp: 210417

Ion Ratio Lower Upper

43 100

61 30.1 20.2 30.2

87 14.0 8.9 13.3#



#44

Trichloroethene

Concen: 48.379 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY010363.D

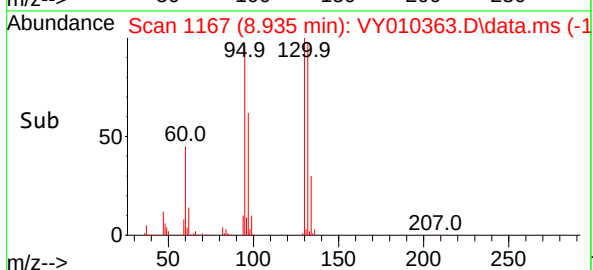
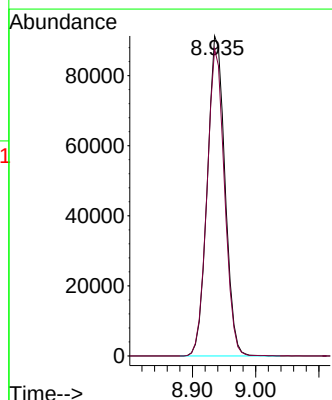
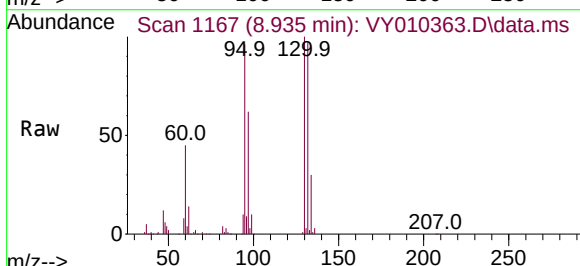
Acq: 07 Sep 2022 09:58

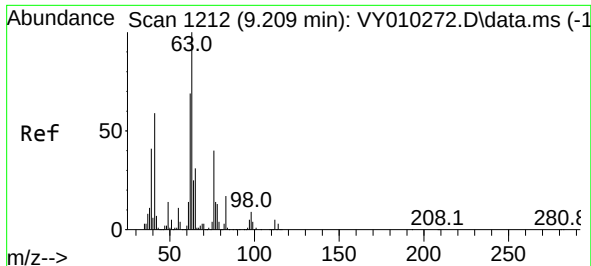
Tgt Ion:130 Resp: 177271

Ion Ratio Lower Upper

130 100

95 95.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 44.758 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

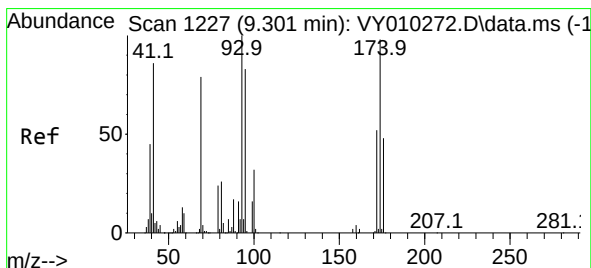
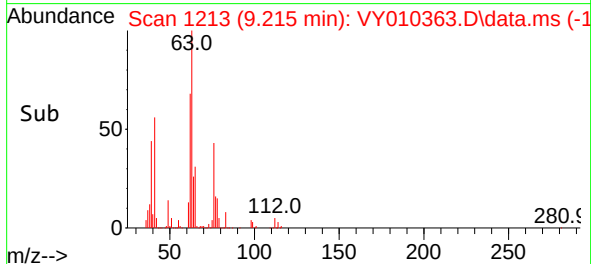
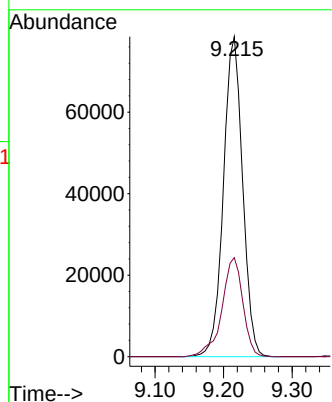
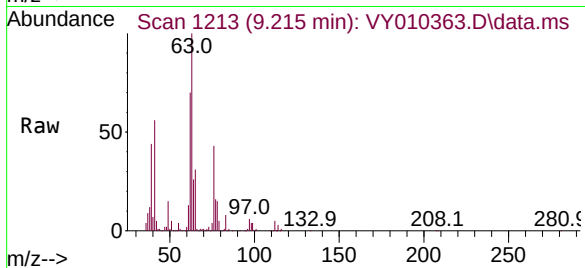
VSTDCCC050

Tgt Ion: 63 Resp: 152203

Ion Ratio Lower Upper

63 100

65 30.9 23.0 34.6



#46

Dibromomethane

Concen: 46.548 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

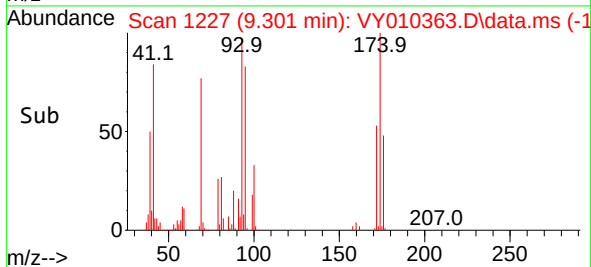
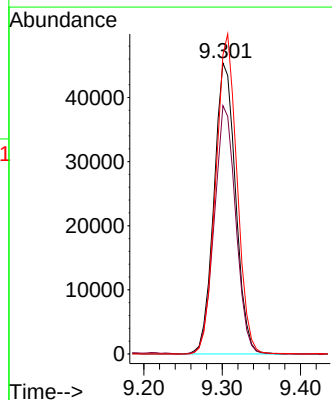
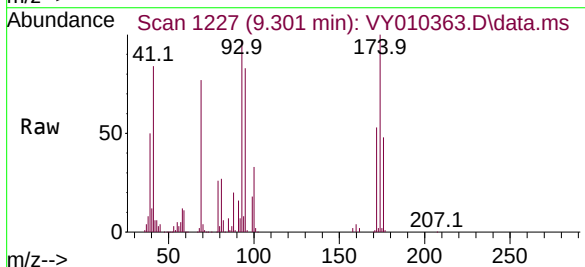
Tgt Ion: 93 Resp: 86939

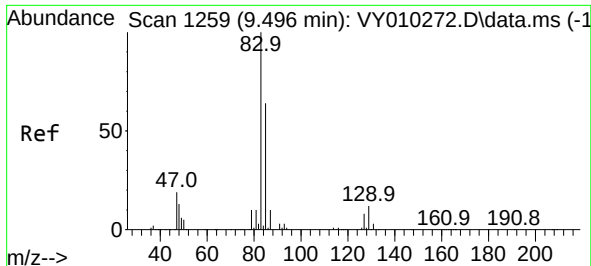
Ion Ratio Lower Upper

93 100

95 84.6 64.3 96.5

174 108.2 83.4 125.0

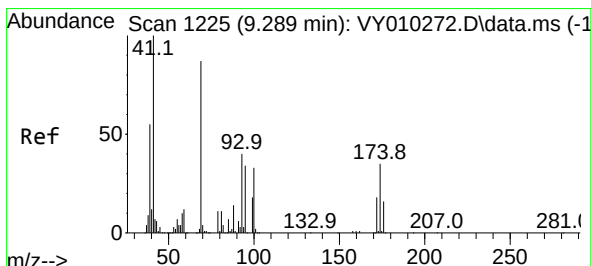
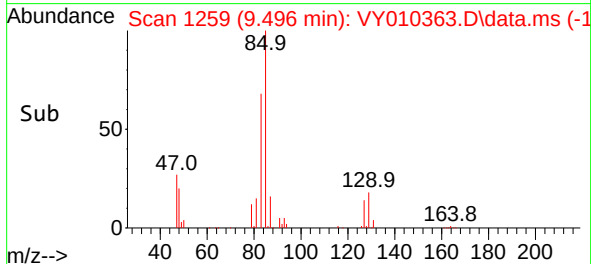
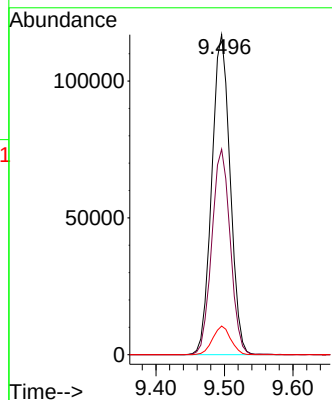
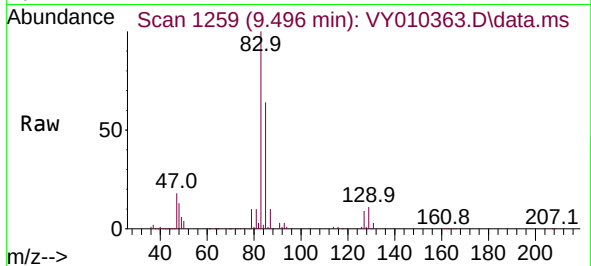




#47  
Bromodichloromethane  
Concen: 47.359 ug/l  
RT: 9.496 min Scan# 1259  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

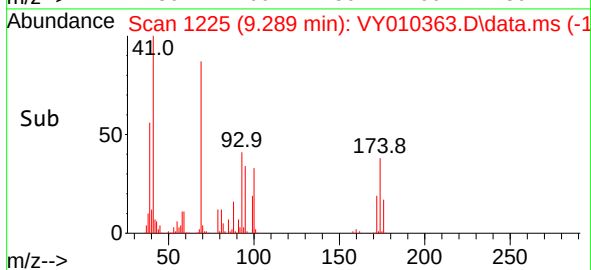
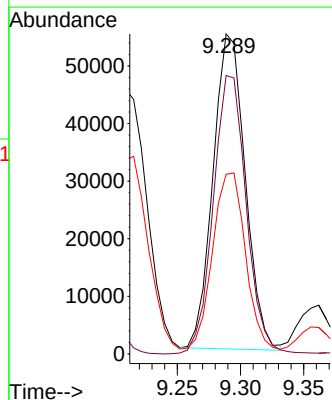
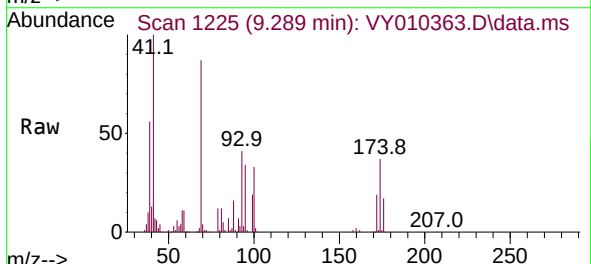
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

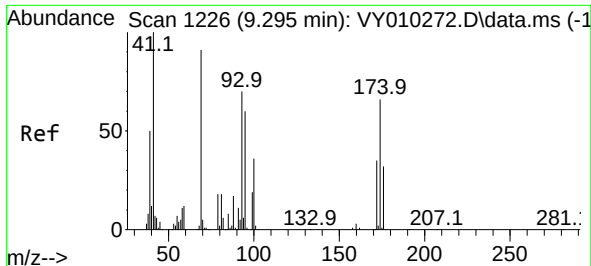
Tgt Ion: 83 Resp: 217527  
Ion Ratio Lower Upper  
83 100  
85 64.2 51.9 77.9  
127 9.0 6.6 10.0



#48  
Methyl methacrylate  
Concen: 40.699 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 41 Resp: 96695  
Ion Ratio Lower Upper  
41 100  
69 90.7 58.2 87.2#  
39 57.2 47.4 71.0





#49

1,4-Dioxane

Concen: 936.195 ug/l

RT: 9.295 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

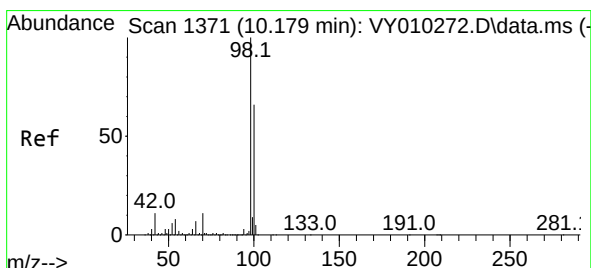
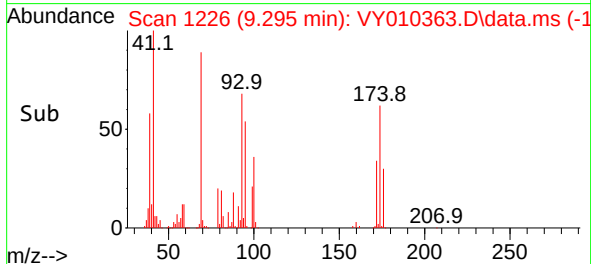
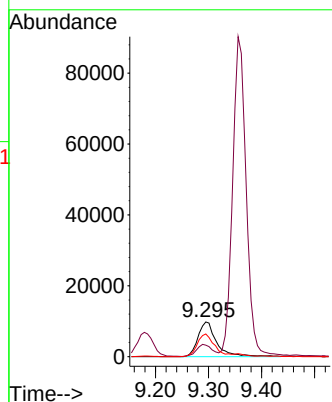
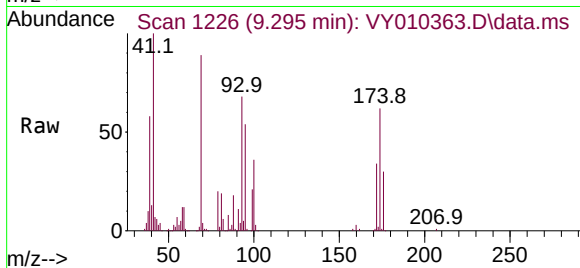
Tgt Ion: 88 Resp: 24060

Ion Ratio Lower Upper

88 100

43 29.3 32.8 49.2#

58 60.4 59.8 89.6



#50

Toluene-d8

Concen: 54.509 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY010363.D

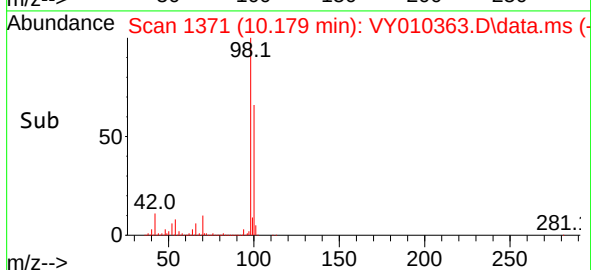
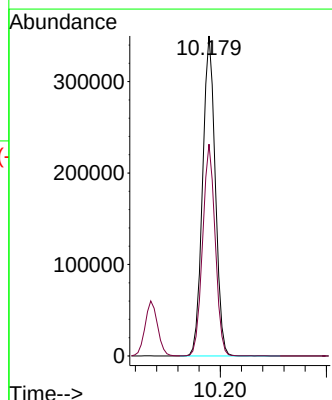
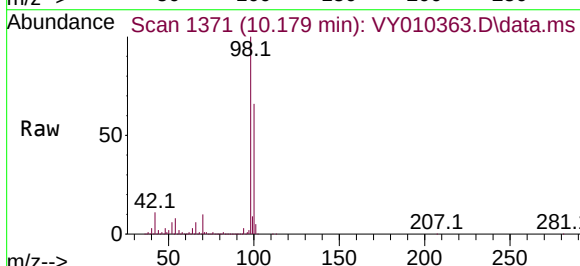
Acq: 07 Sep 2022 09:58

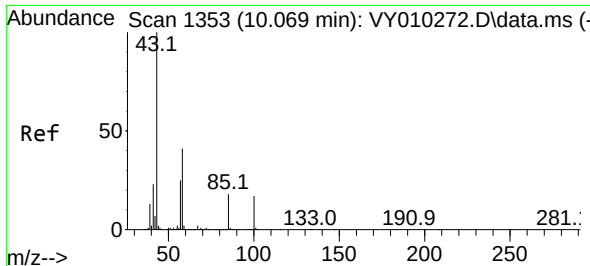
Tgt Ion: 98 Resp: 579683

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

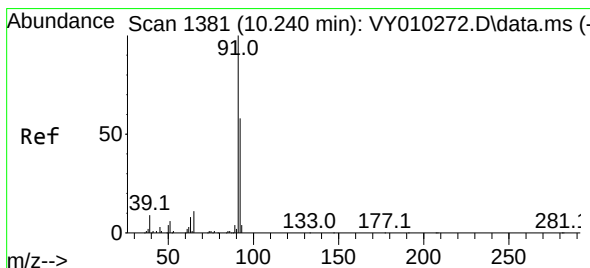
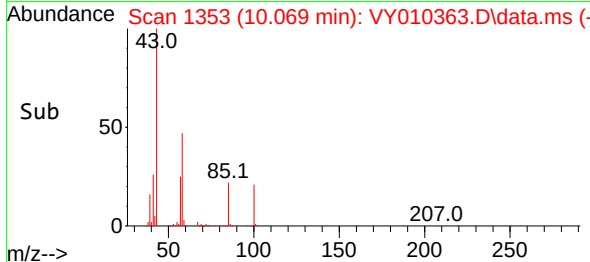
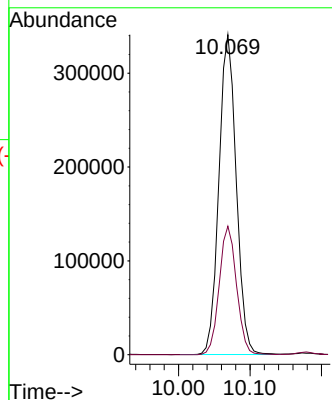
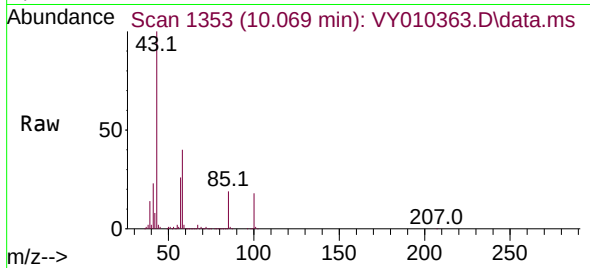




#51  
4-Methyl-2-Pentanone  
Concen: 218.290 ug/l  
RT: 10.069 min Scan# 1353  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

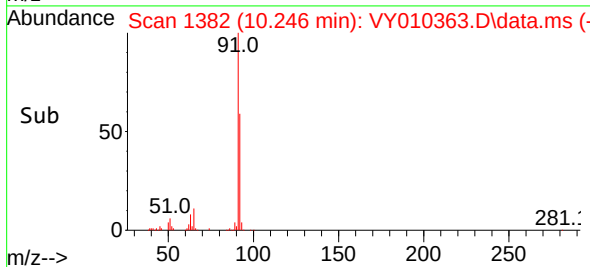
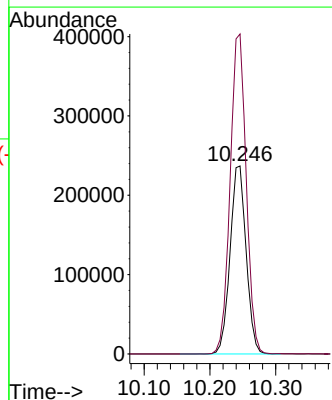
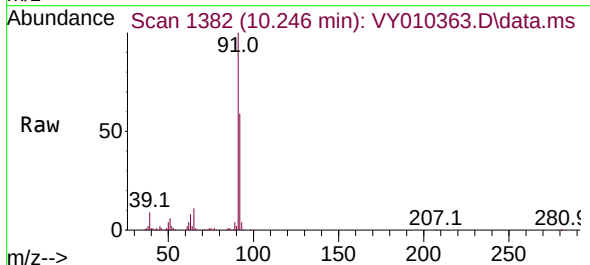
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

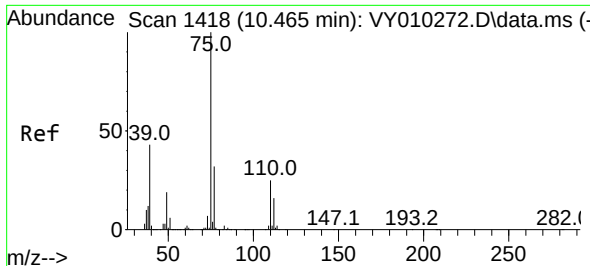
Tgt Ion: 43 Resp: 573623  
Ion Ratio Lower Upper  
43 100  
58 40.1 28.1 42.1



#52  
Toluene  
Concen: 47.165 ug/l  
RT: 10.246 min Scan# 1382  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 92 Resp: 402705  
Ion Ratio Lower Upper  
92 100  
91 170.3 142.6 213.8

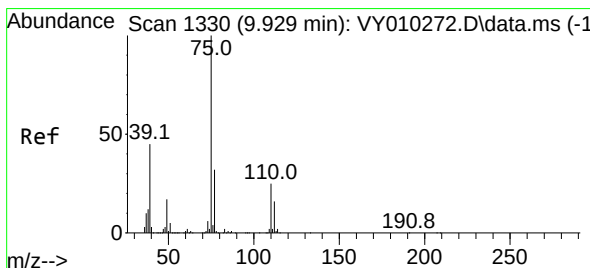
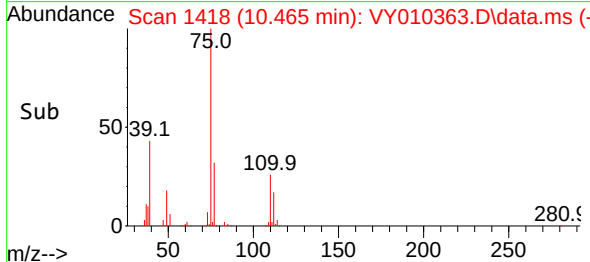
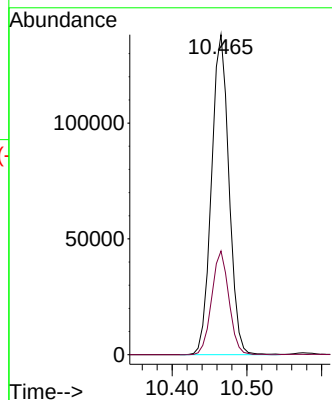
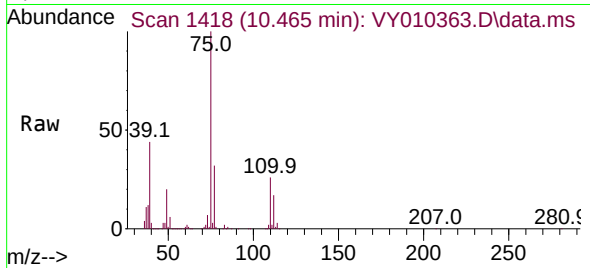




#53  
t-1,3-Dichloropropene  
Concen: 45.312 ug/l  
RT: 10.465 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

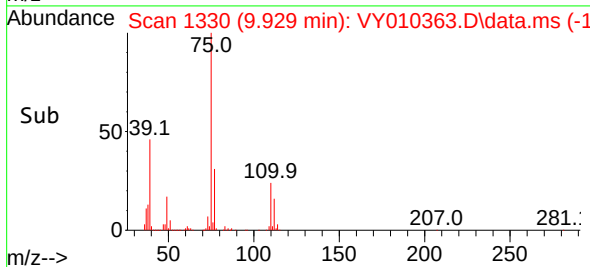
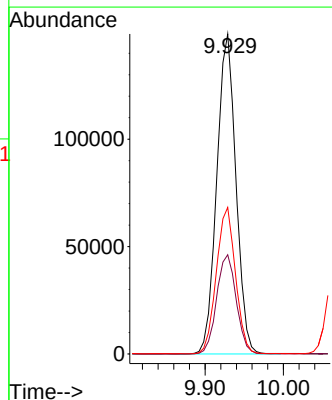
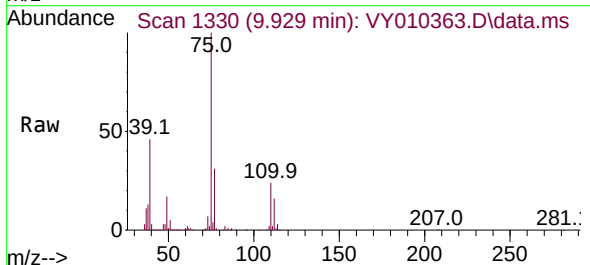
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

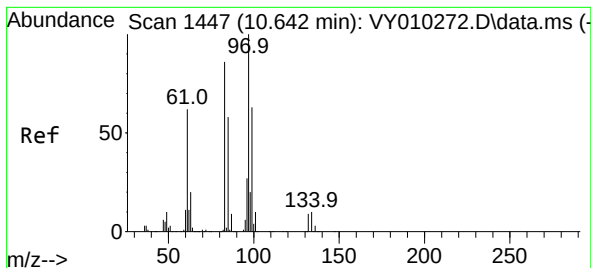
Tgt Ion: 75 Resp: 224479  
Ion Ratio Lower Upper  
75 100  
77 32.4 25.4 38.2



#54  
cis-1,3-Dichloropropene  
Concen: 45.349 ug/l  
RT: 9.929 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 75 Resp: 253327  
Ion Ratio Lower Upper  
75 100  
77 31.0 25.6 38.4  
39 45.7 47.6 71.4#





#55

1,1,2-Trichloroethane

Concen: 46.899 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 124345

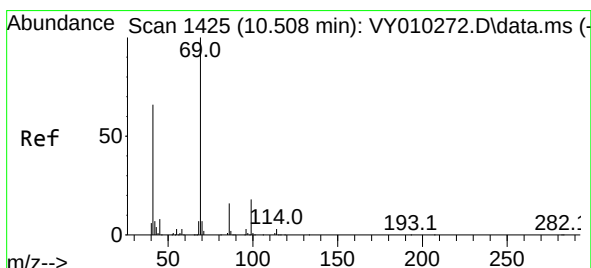
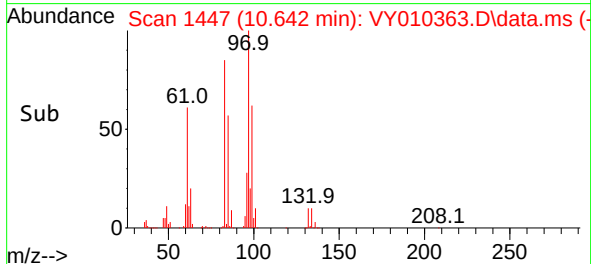
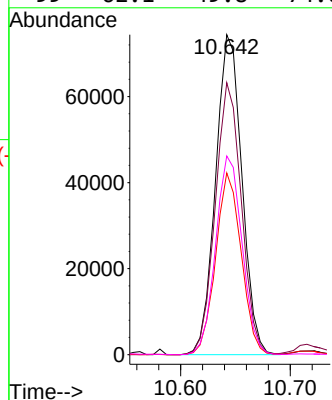
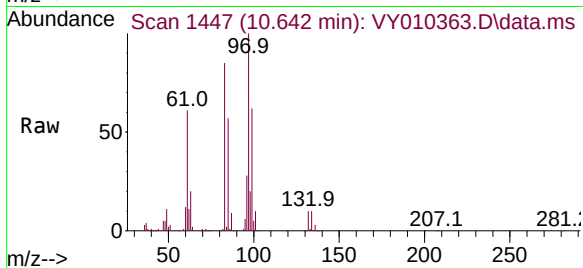
Ion Ratio Lower Upper

97 100

83 85.0 69.8 104.8

85 56.8 44.3 66.5

99 62.1 49.8 74.6



#56

Ethyl methacrylate

Concen: 43.333 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

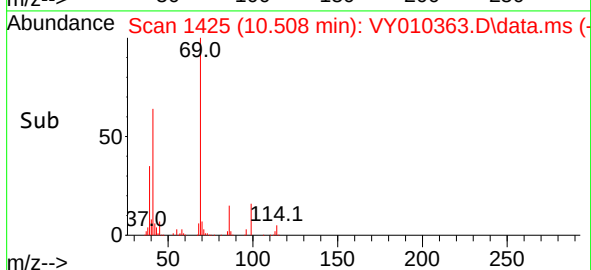
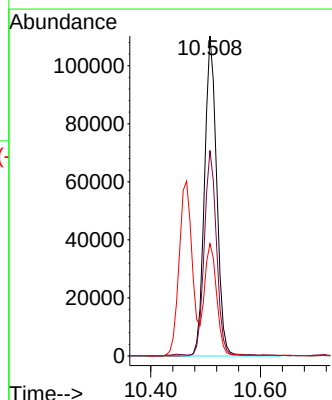
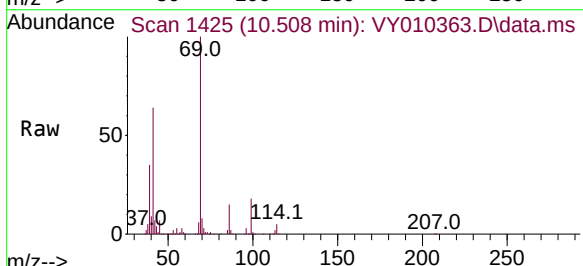
Tgt Ion: 69 Resp: 169741

Ion Ratio Lower Upper

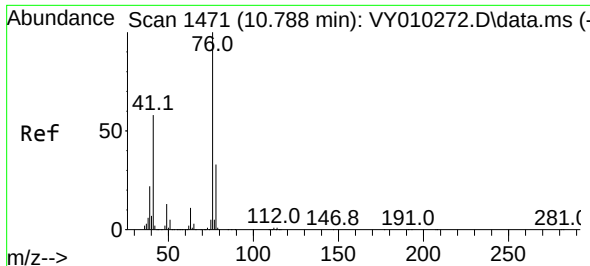
69 100

41 63.5 63.4 95.0

39 34.2 35.8 53.8#







#57

1,3-Dichloropropane

Concen: 45.369 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

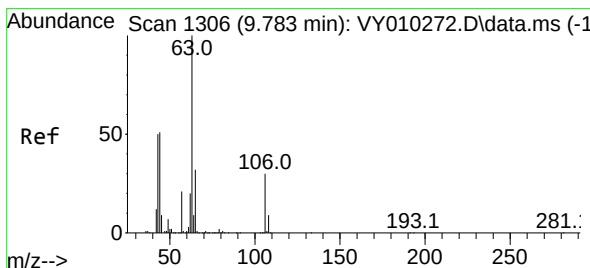
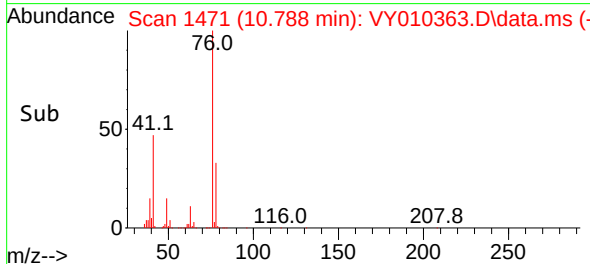
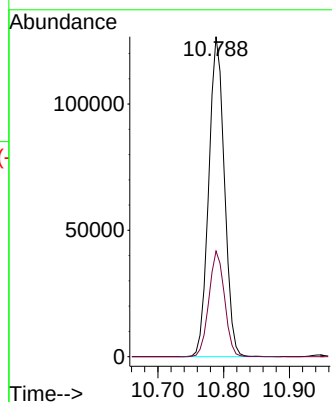
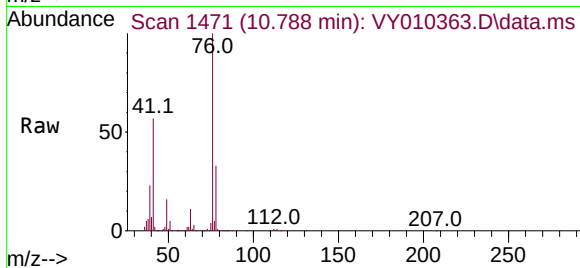
VSTDCCC050

Tgt Ion: 76 Resp: 209666

Ion Ratio Lower Upper

76 100

78 32.8 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 206.353 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY010363.D

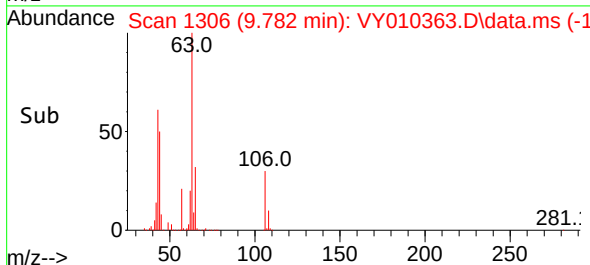
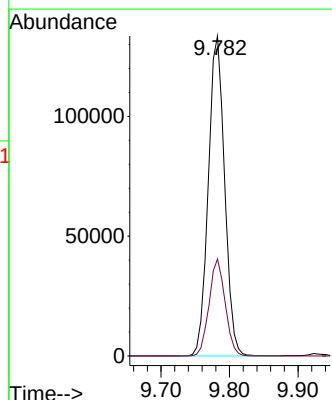
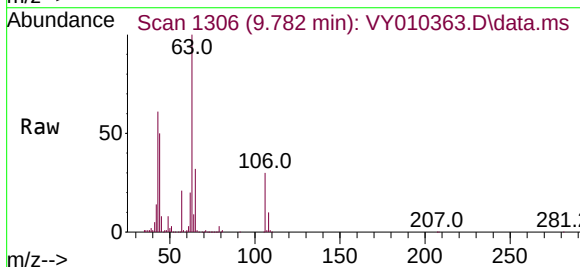
Acq: 07 Sep 2022 09:58

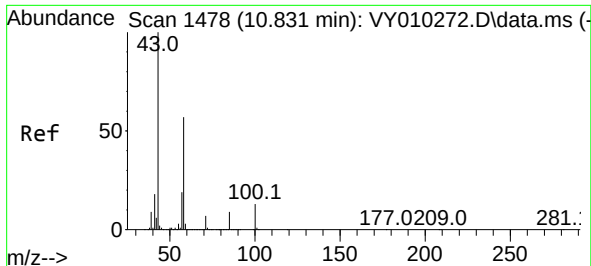
Tgt Ion: 63 Resp: 221215

Ion Ratio Lower Upper

63 100

106 29.8 21.5 32.3

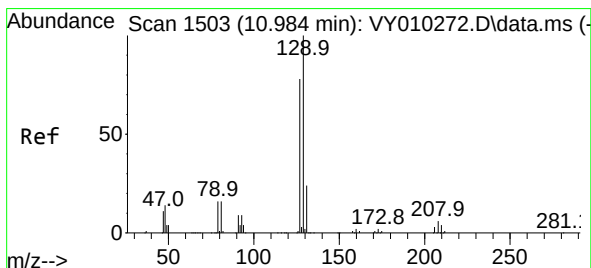
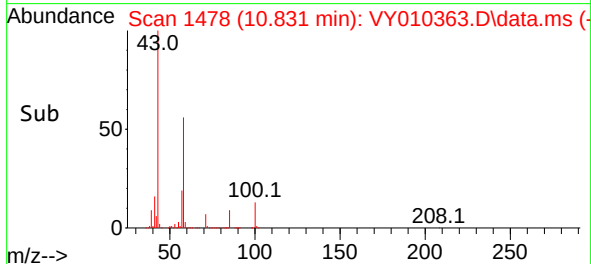
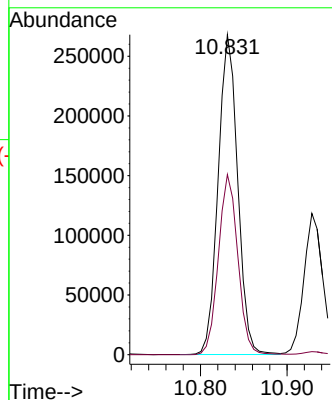
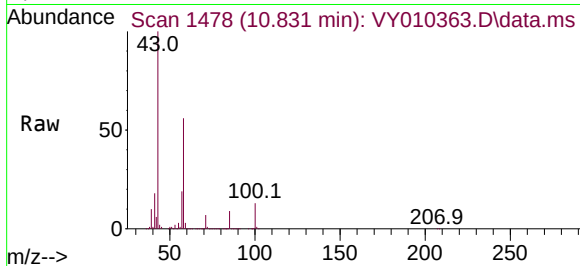




#59  
2-Hexanone  
Concen: 230.307 ug/l  
RT: 10.831 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

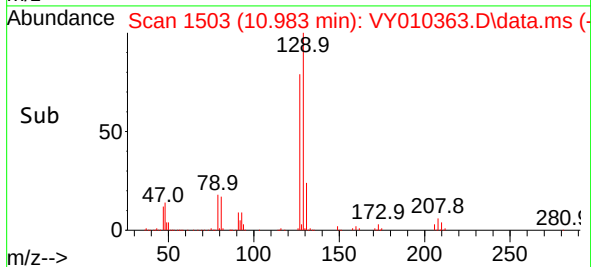
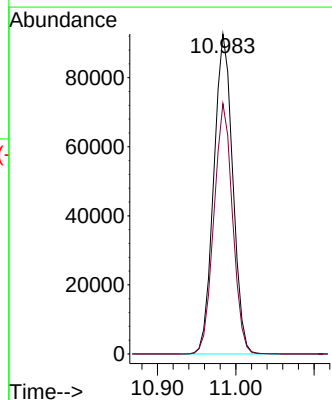
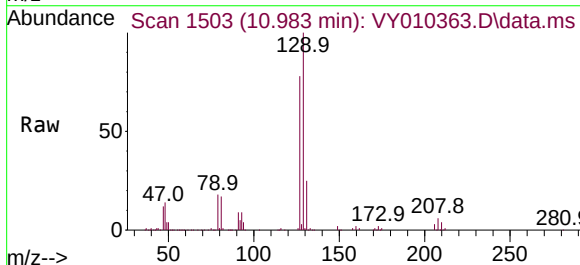
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

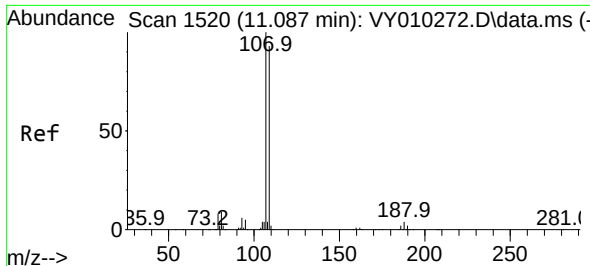
Tgt Ion: 43 Resp: 419667  
Ion Ratio Lower Upper  
43 100  
58 56.1 24.4 73.4



#60  
Dibromochloromethane  
Concen: 48.749 ug/l  
RT: 10.983 min Scan# 1503  
Delta R.T. -0.001 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 129 Resp: 155747  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.7 116.1

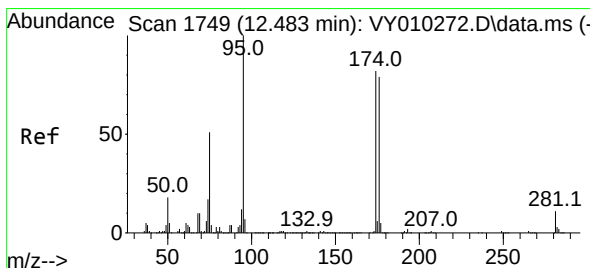
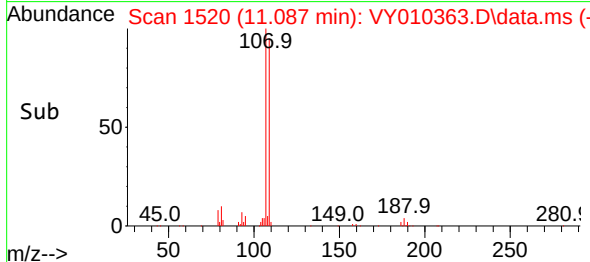
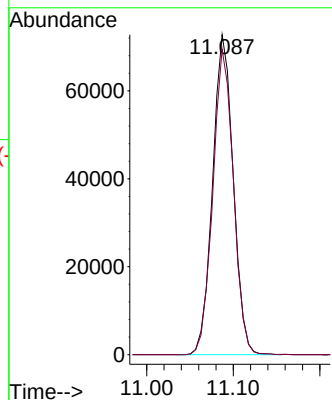
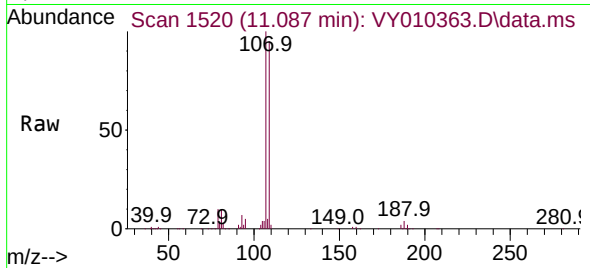




#61  
1,2-Dibromoethane  
Concen: 46.917 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

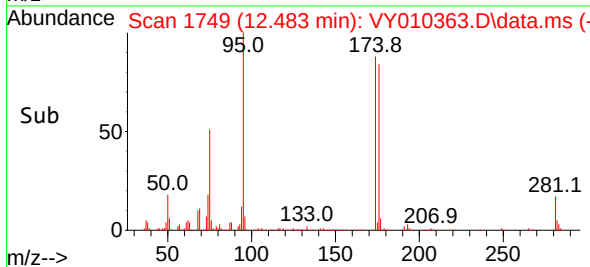
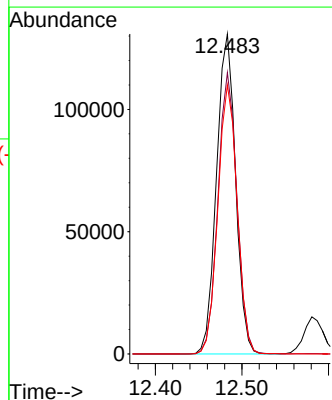
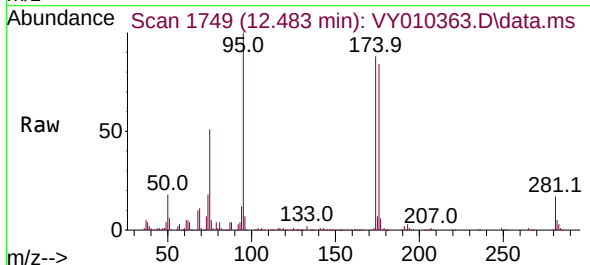
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

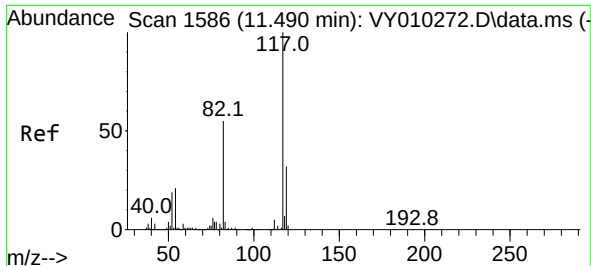
Tgt Ion:107 Resp: 120211  
Ion Ratio Lower Upper  
107 100  
109 95.4 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 46.539 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 95 Resp: 200067  
Ion Ratio Lower Upper  
95 100  
174 87.7 0.0 177.0  
176 85.0 0.0 175.8

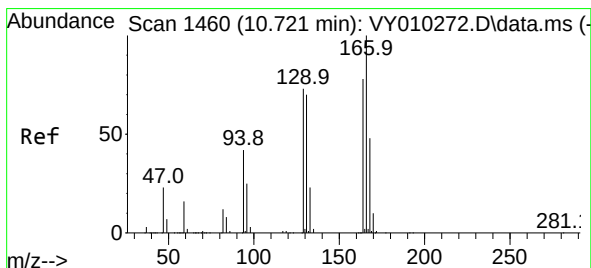
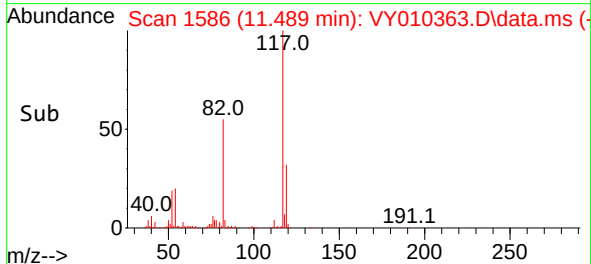
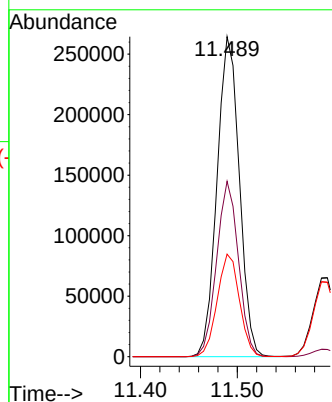
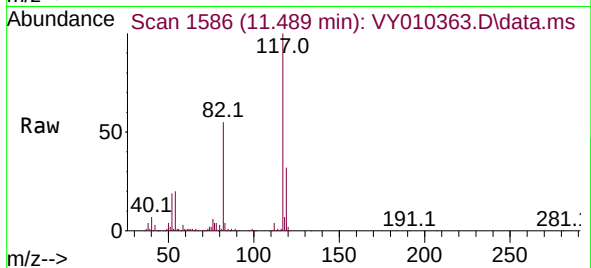




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 11  
Delta R.T. -0.001 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

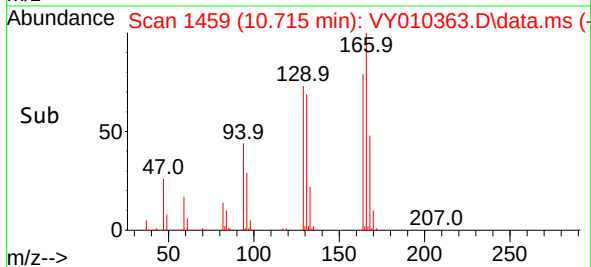
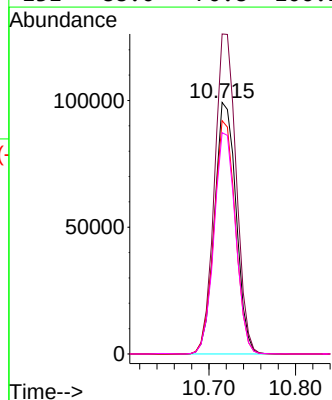
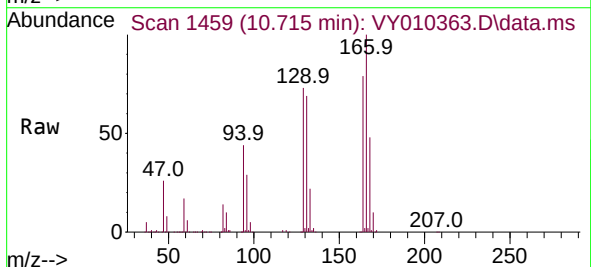
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MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

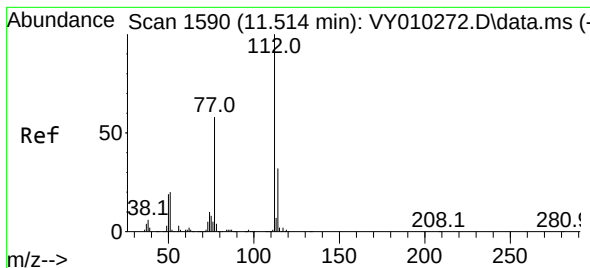
Tgt Ion:117 Resp: 422943  
Ion Ratio Lower Upper  
117 100  
82 54.8 43.0 64.4  
119 32.1 25.4 38.0



#64  
Tetrachloroethene  
Concen: 49.898 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion:164 Resp: 172108  
Ion Ratio Lower Upper  
164 100  
166 127.2 100.4 150.6  
129 92.8 71.4 107.0  
131 88.0 70.8 106.2

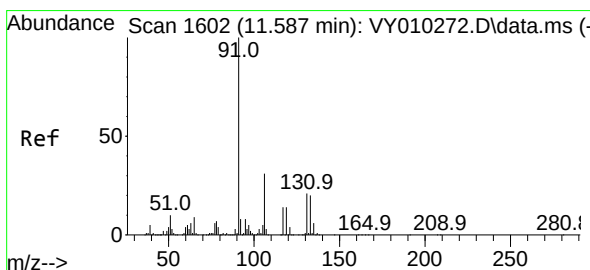
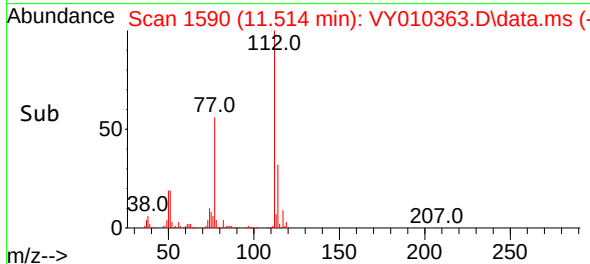
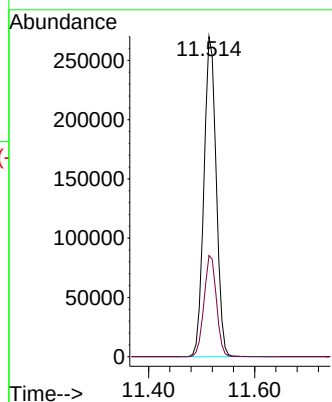
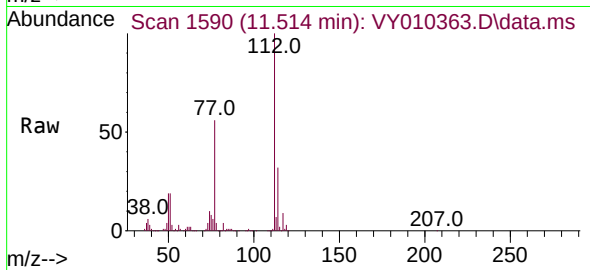




#65  
Chlorobenzene  
Concen: 48.058 ug/l  
RT: 11.514 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

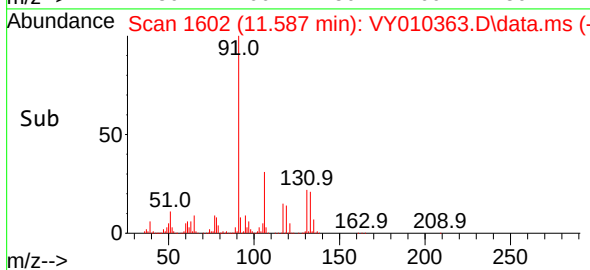
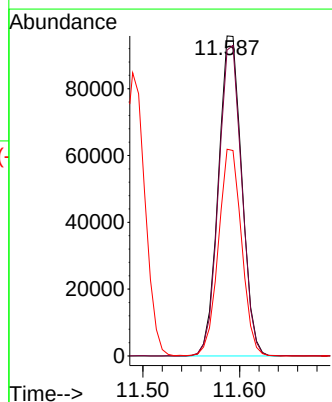
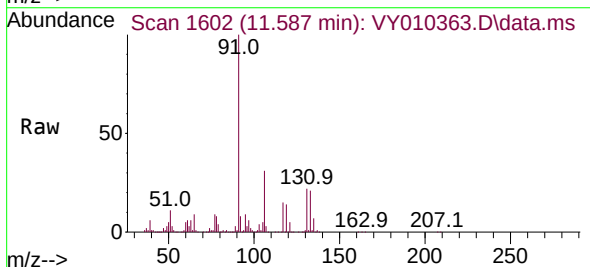
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

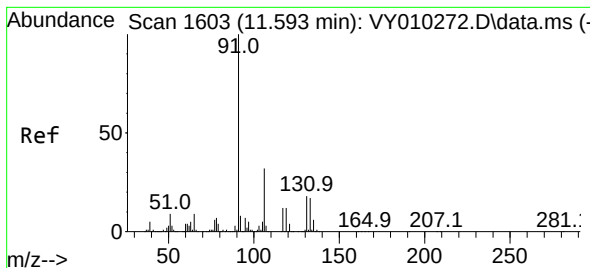
Tgt Ion:112 Resp: 433123  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.604 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion:131 Resp: 160849  
Ion Ratio Lower Upper  
131 100  
133 96.3 47.9 143.6  
119 64.0 30.8 92.3

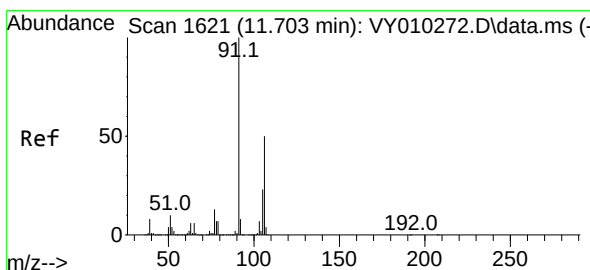
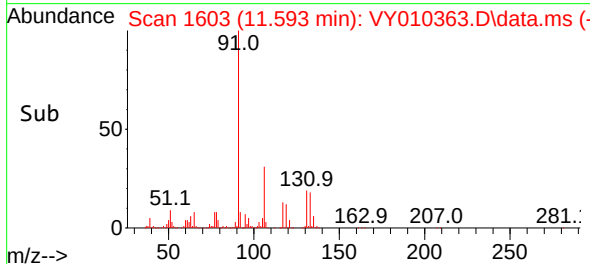
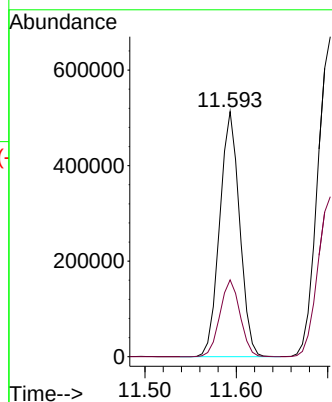
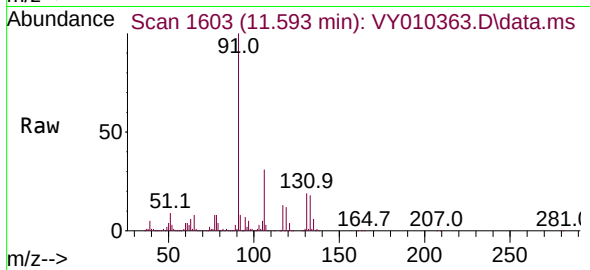




#67  
Ethyl Benzene  
Concen: 47.116 ug/l  
RT: 11.593 min Scan# 1603  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

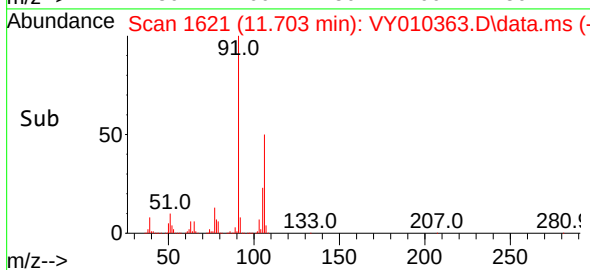
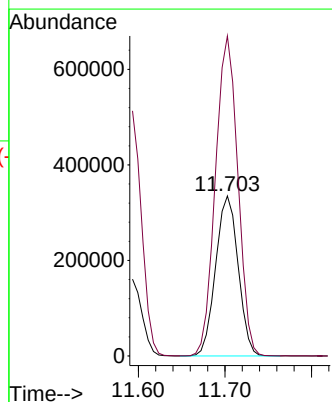
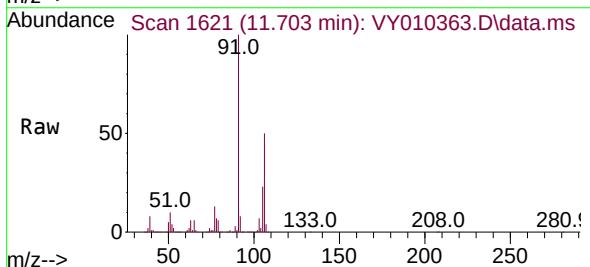
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

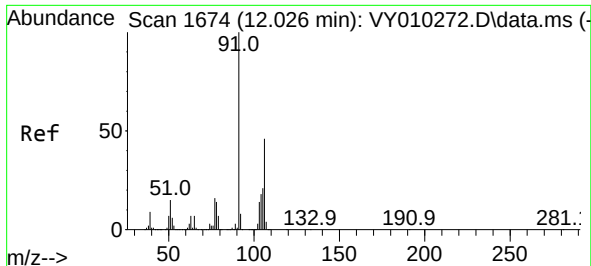
Tgt Ion: 91 Resp: 777593  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.5 36.7



#68  
m/p-Xylenes  
Concen: 95.921 ug/l  
RT: 11.703 min Scan# 1621  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 106 Resp: 604743  
Ion Ratio Lower Upper  
106 100  
91 199.3 166.6 249.8

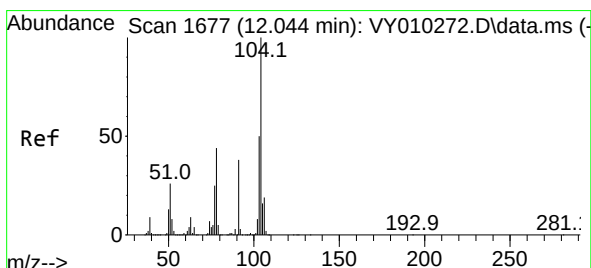
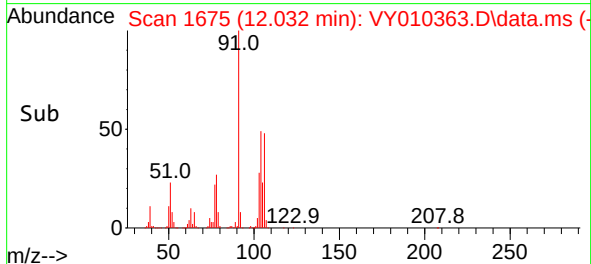
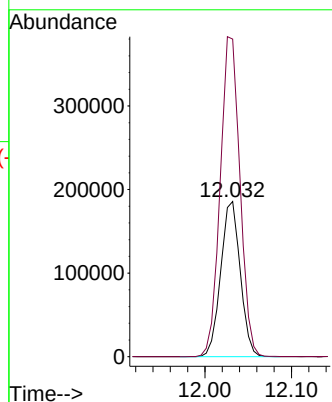
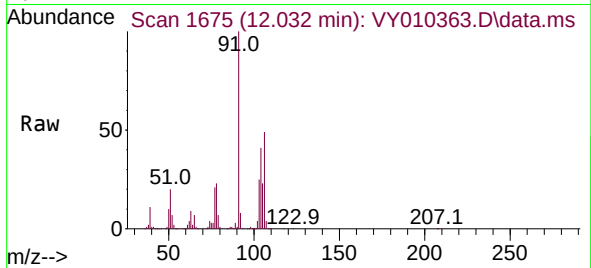




#69  
o-Xylene  
Concen: 47.481 ug/l  
RT: 12.032 min Scan# 1675  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

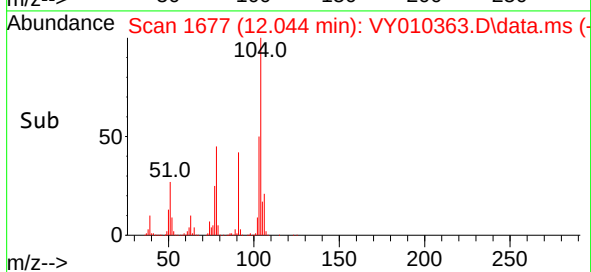
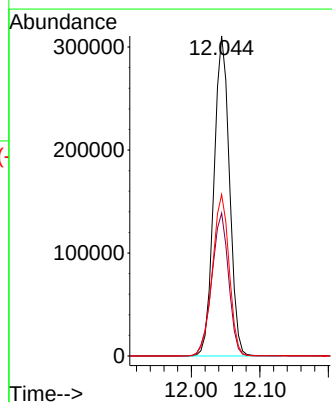
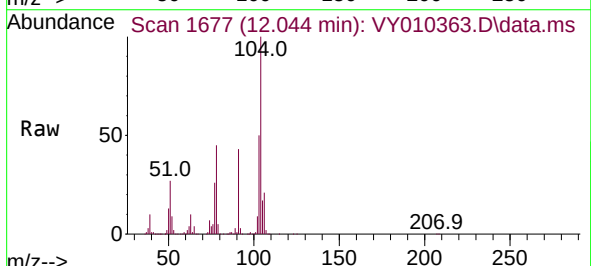
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

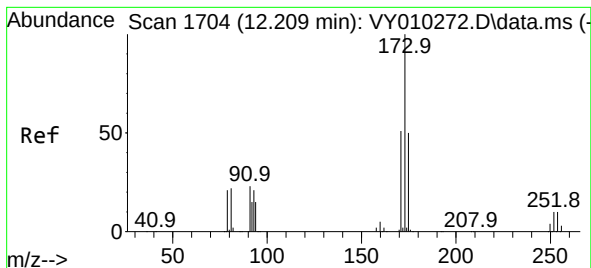
Tgt Ion:106 Resp: 290640  
Ion Ratio Lower Upper  
106 100  
91 209.1 110.3 331.0



#70  
Styrene  
Concen: 47.902 ug/l  
RT: 12.044 min Scan# 1677  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion:104 Resp: 488435  
Ion Ratio Lower Upper  
104 100  
78 48.4 42.4 63.6  
103 54.3 44.4 66.6





#71

Bromoform

Concen: 48.342 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

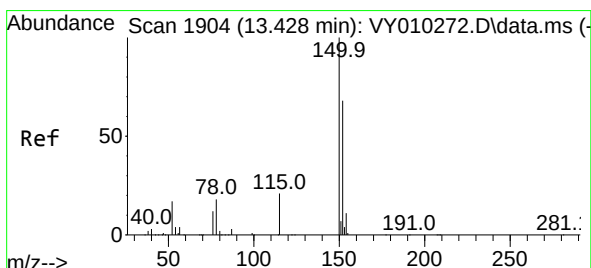
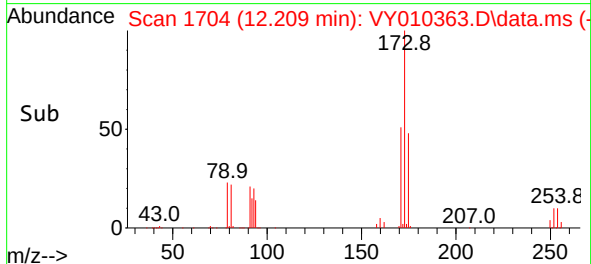
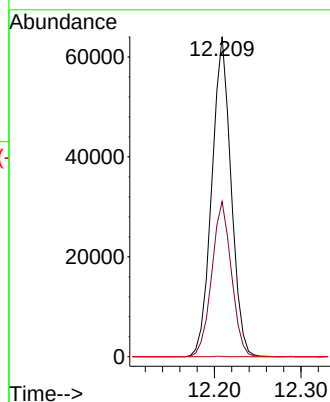
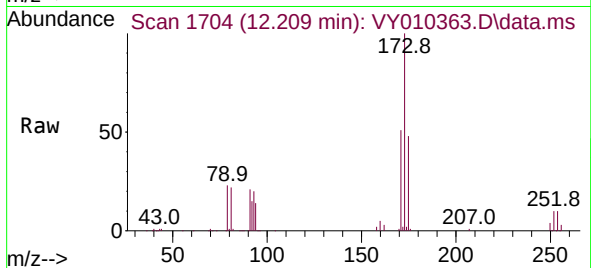
Tgt Ion:173 Resp: 98894

Ion Ratio Lower Upper

173 100

175 49.3 24.6 74.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

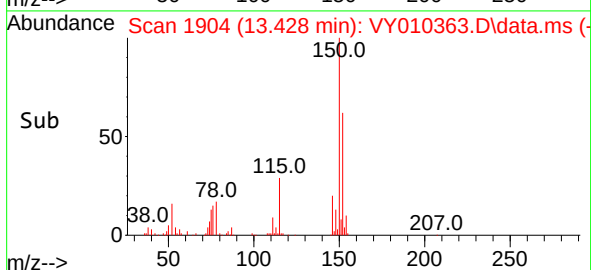
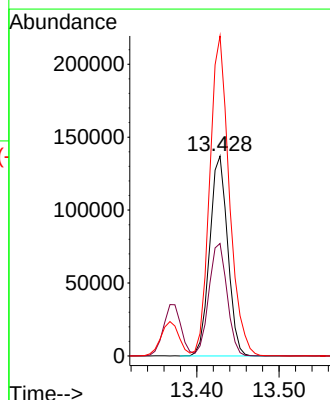
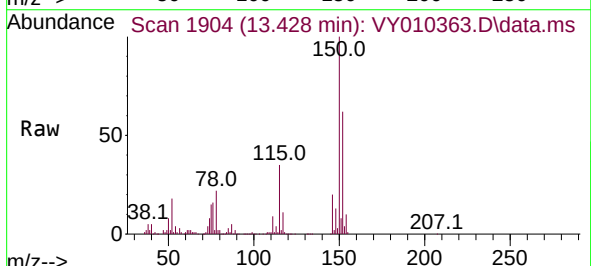
Tgt Ion:152 Resp: 208069

Ion Ratio Lower Upper

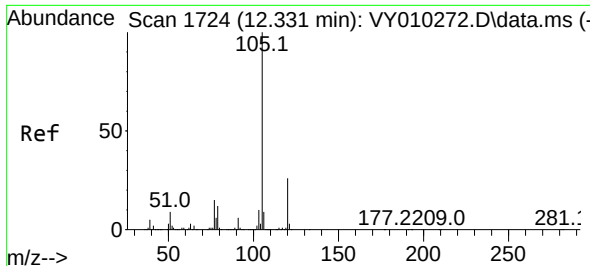
152 100

115 56.9 28.2 84.7

150 174.4 0.0 347.6



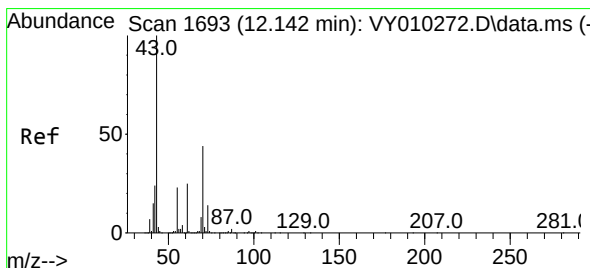
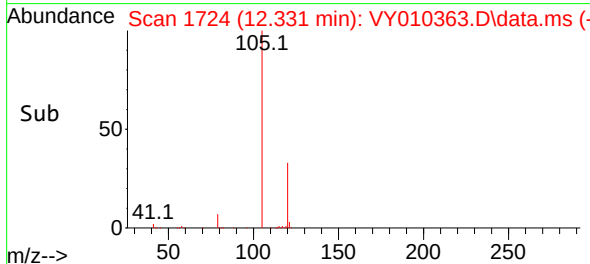
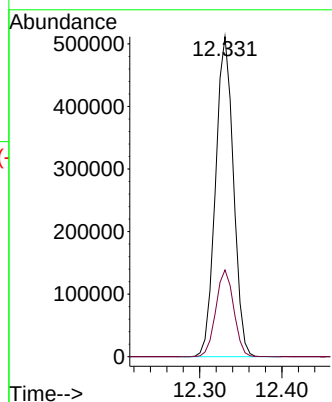
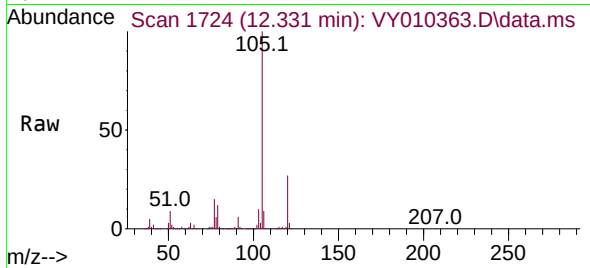




#73  
Isopropylbenzene  
Concen: 46.547 ug/l  
RT: 12.331 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

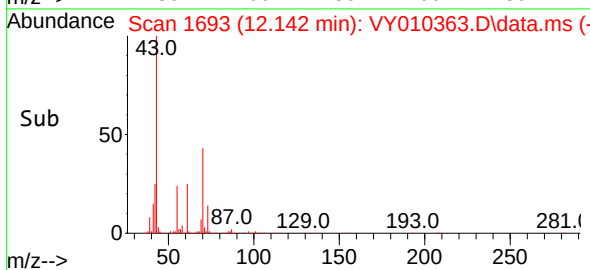
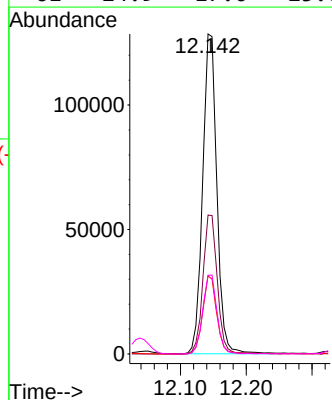
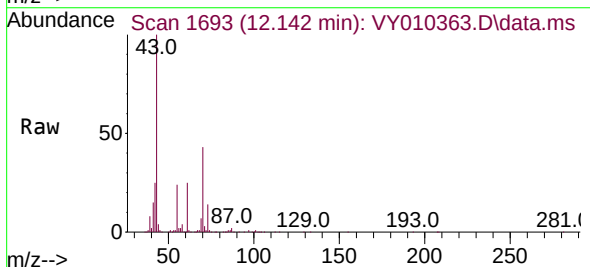
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

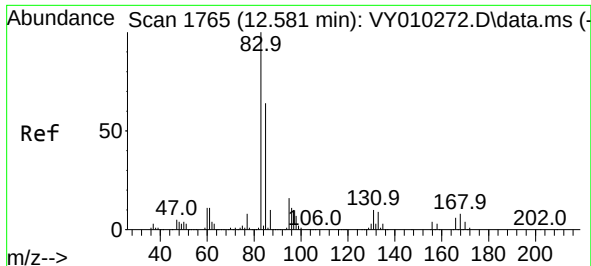
Tgt Ion:105 Resp: 772691  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.4 40.2



#74  
N-ethyl acetate  
Concen: 42.156 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 43 Resp: 193067  
Ion Ratio Lower Upper  
43 100  
70 44.1 28.7 43.1#  
55 24.1 17.3 25.9  
61 24.9 17.0 25.6

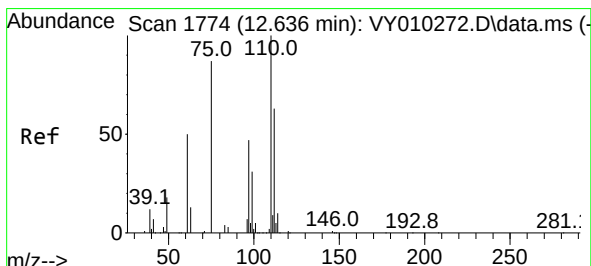
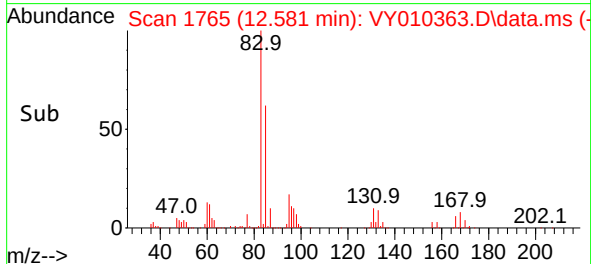
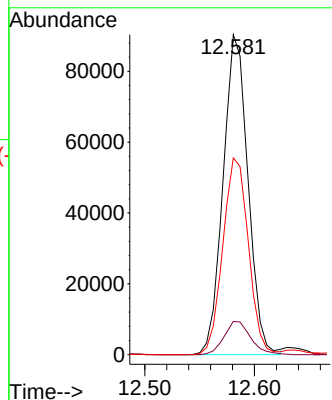
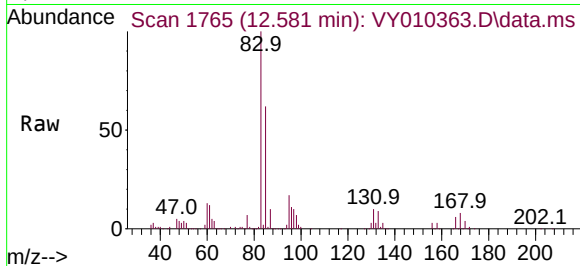




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.695 ug/l  
 RT: 12.581 min Scan# 1765  
 Delta R.T. -0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

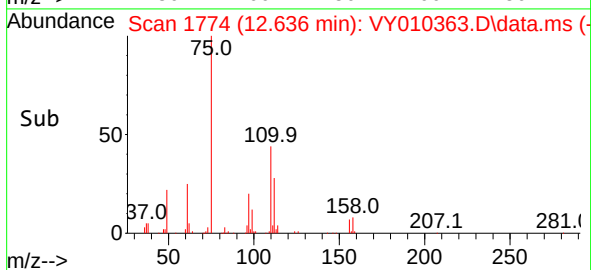
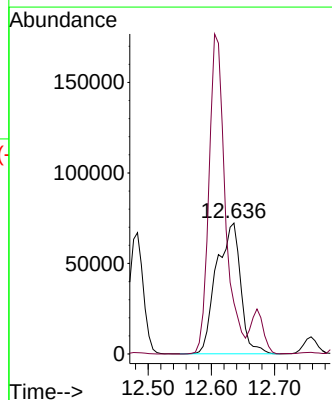
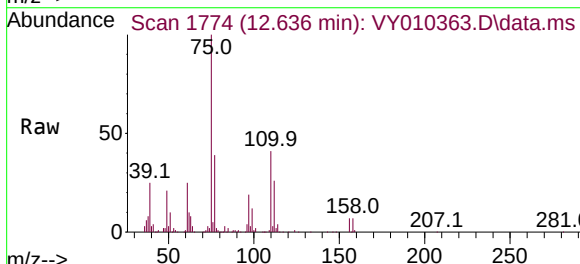
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

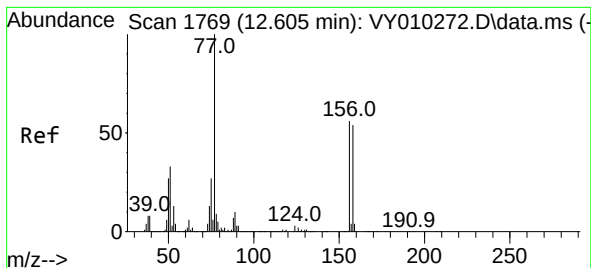
Tgt Ion: 83 Resp: 142589  
 Ion Ratio Lower Upper  
 83 100  
 131 11.1 5.6 16.8  
 85 63.3 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 77.467 ug/l  
 RT: 12.636 min Scan# 1774  
 Delta R.T. -0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

Tgt Ion: 75 Resp: 191817  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.079 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

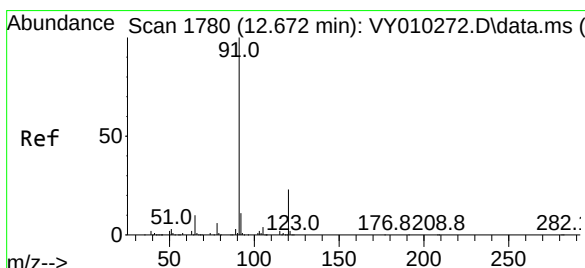
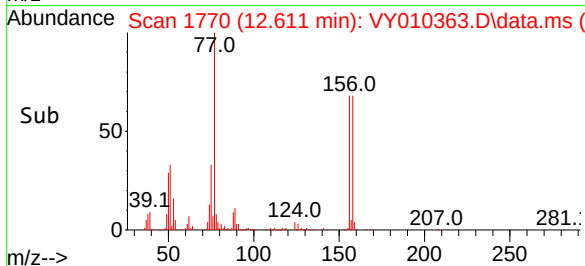
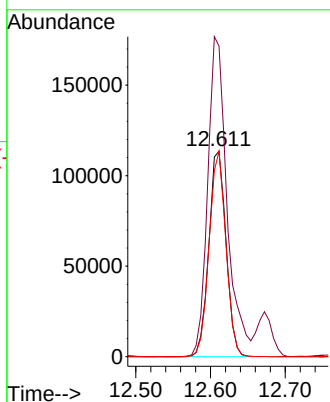
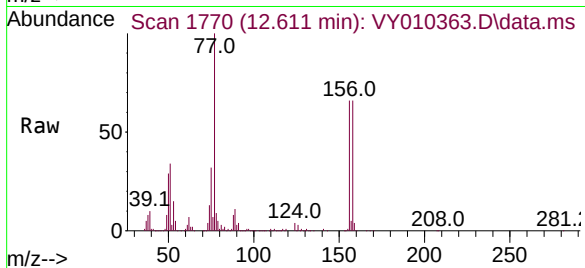
Tgt Ion:156 Resp: 181563

Ion Ratio Lower Upper

156 100

77 175.4 95.5 286.4

158 97.1 48.0 144.0



#78

n-propylbenzene

Concen: 46.408 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY010363.D

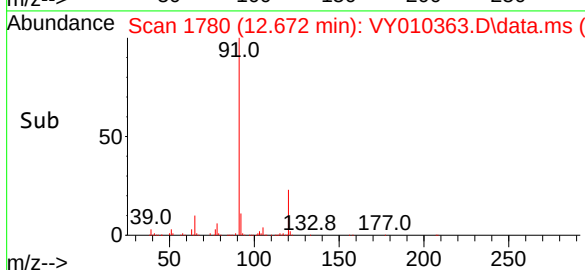
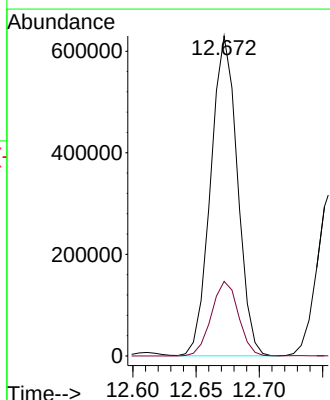
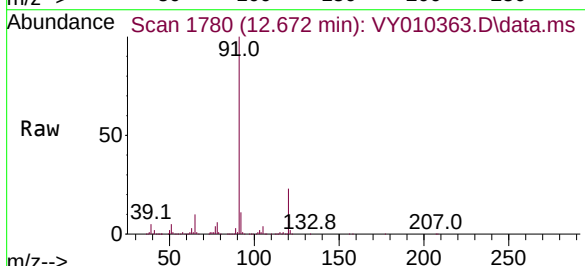
Acq: 07 Sep 2022 09:58

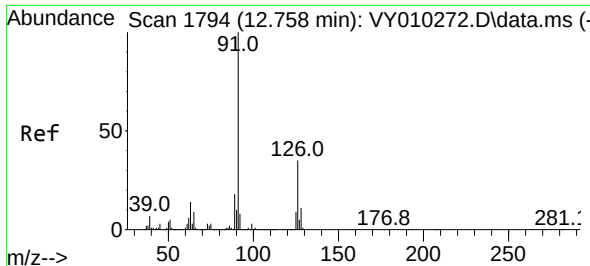
Tgt Ion: 91 Resp: 924777

Ion Ratio Lower Upper

91 100

120 23.5 11.3 33.9

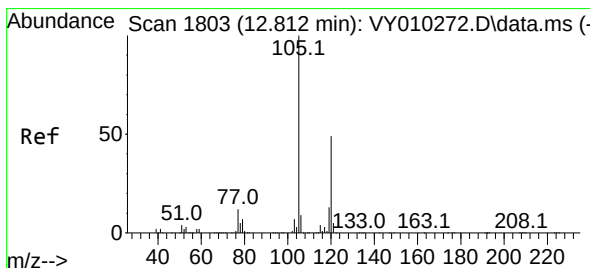
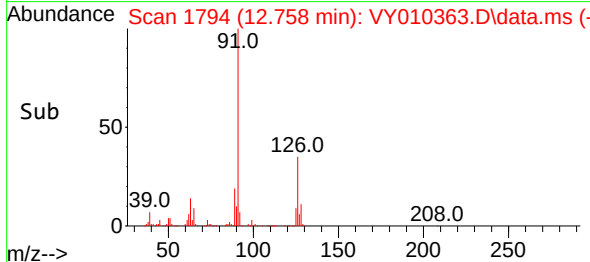
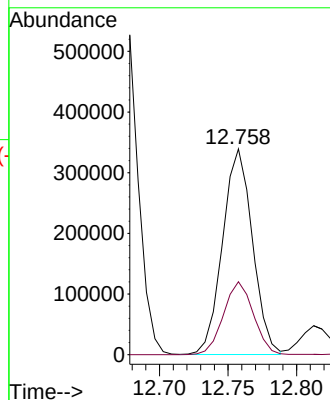
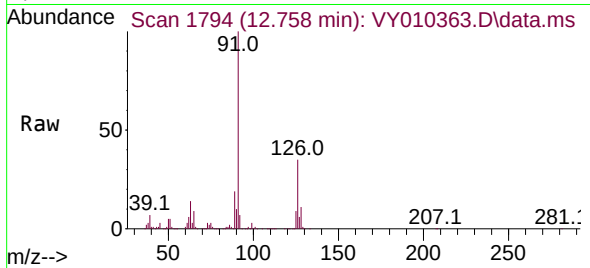




#79  
2-Chlorotoluene  
Concen: 45.759 ug/l  
RT: 12.758 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

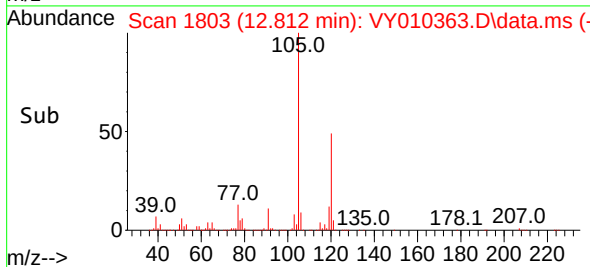
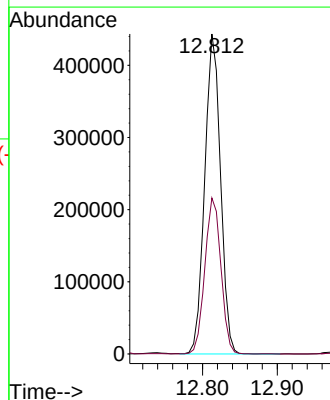
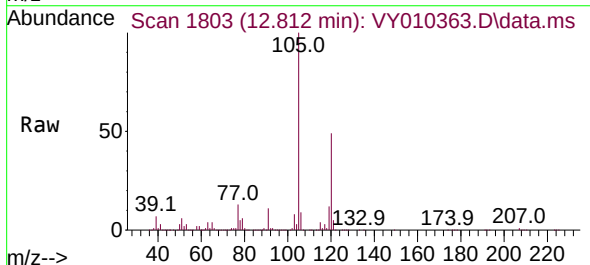
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

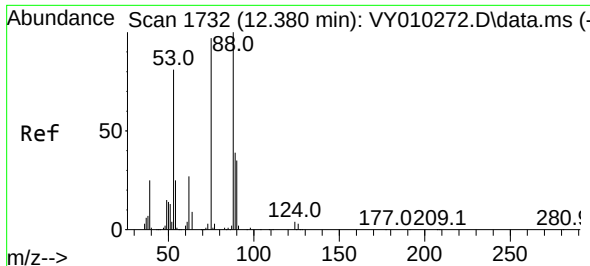
Tgt Ion: 91 Resp: 515382  
Ion Ratio Lower Upper  
91 100  
126 35.6 16.9 50.6



#80  
1,3,5-Trimethylbenzene  
Concen: 46.740 ug/l  
RT: 12.812 min Scan# 1803  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 105 Resp: 650076  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.4 73.4

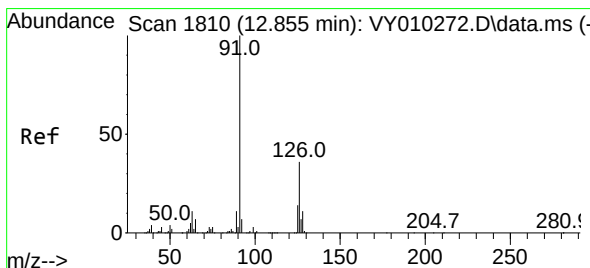
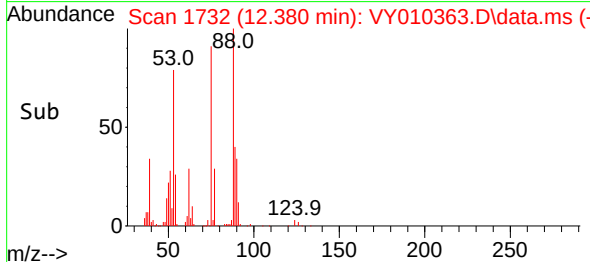
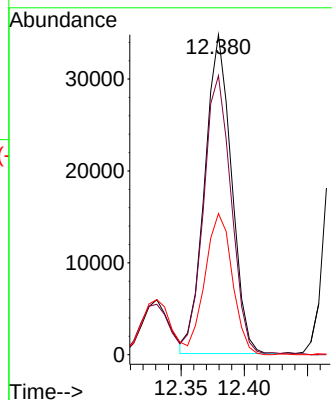
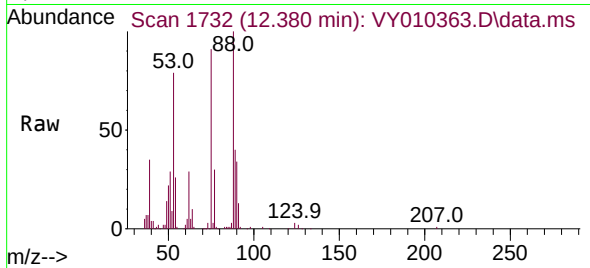




#81  
trans-1,4-Dichloro-2-butene  
Concen: 43.043 ug/l  
RT: 12.380 min Scan# 1732  
Delta R.T. -0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

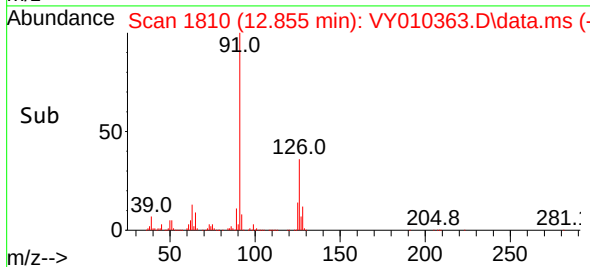
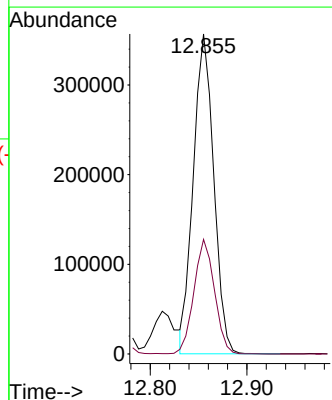
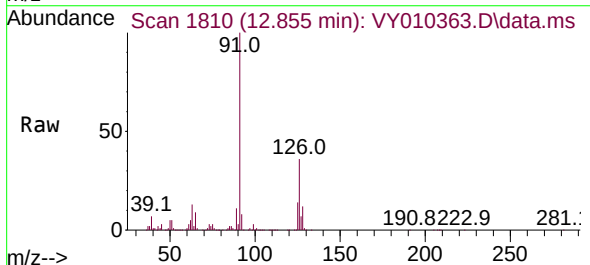
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

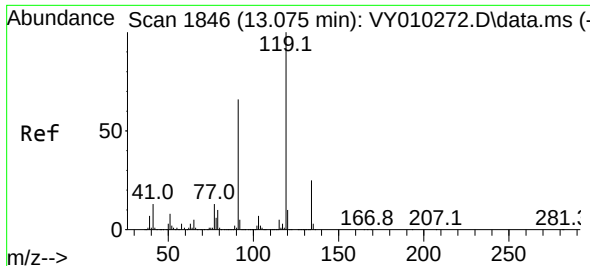
Tgt Ion: 75 Resp: 51090  
Ion Ratio Lower Upper  
75 100  
53 90.9 85.3 127.9  
89 45.0 37.0 55.4



#82  
4-Chlorotoluene  
Concen: 45.140 ug/l  
RT: 12.855 min Scan# 1810  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 91 Resp: 523490  
Ion Ratio Lower Upper  
91 100  
126 36.1 17.0 51.0

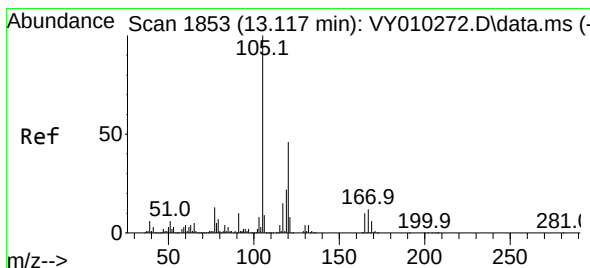
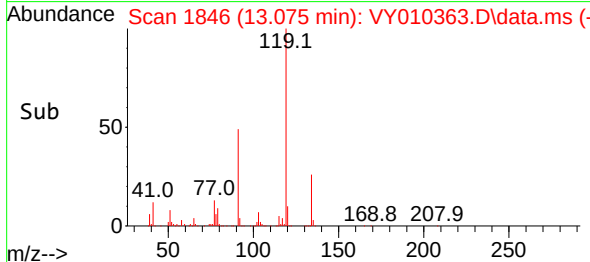
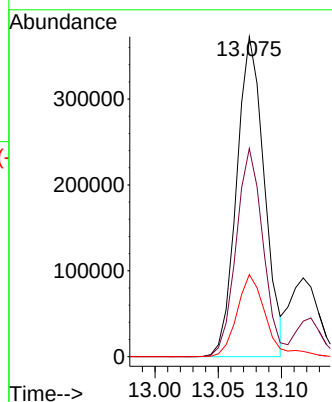
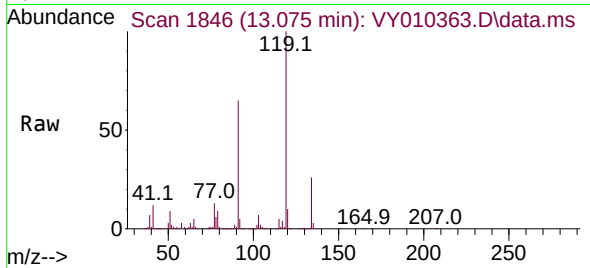




#83  
 tert-Butylbenzene  
 Concen: 46.957 ug/l  
 RT: 13.075 min Scan# 1846  
 Delta R.T. -0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

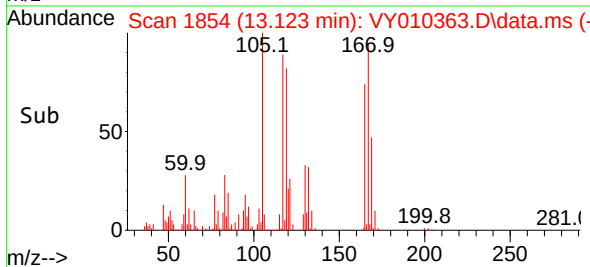
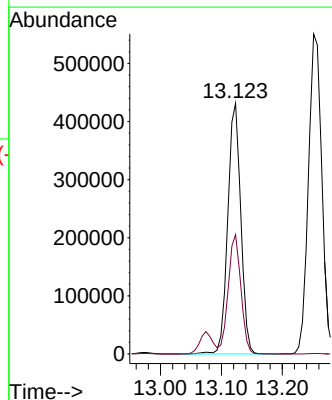
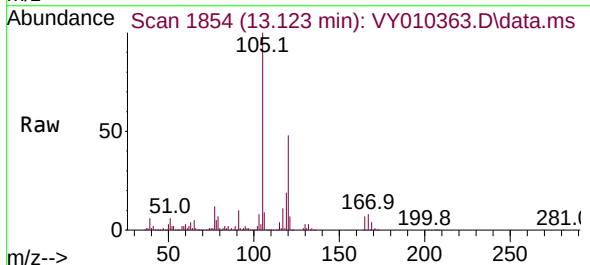
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

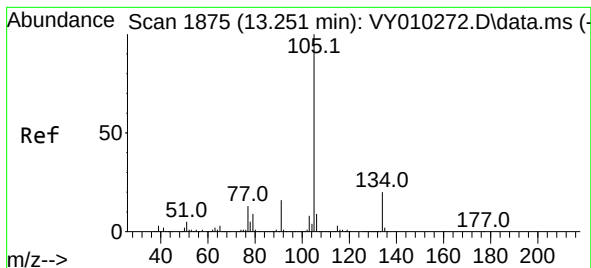
Tgt Ion:119 Resp: 567406  
 Ion Ratio Lower Upper  
 119 100  
 91 63.7 34.8 104.4  
 134 26.7 13.3 39.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 46.805 ug/l  
 RT: 13.123 min Scan# 1854  
 Delta R.T. 0.006 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

Tgt Ion:105 Resp: 639277  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 22.3 66.9





#85

sec-Butylbenzene

Concen: 46.899 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

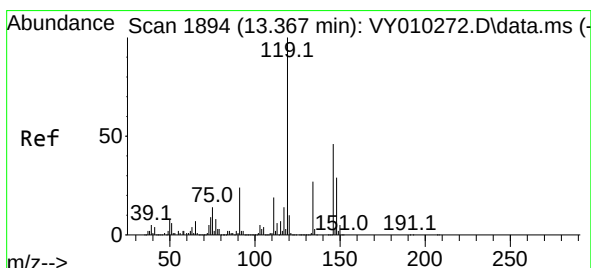
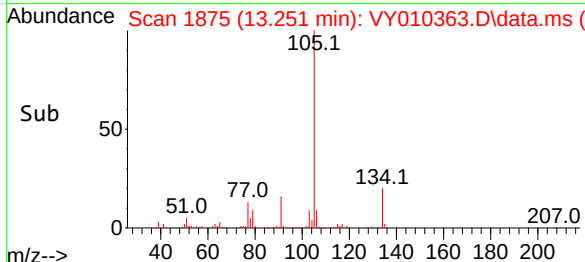
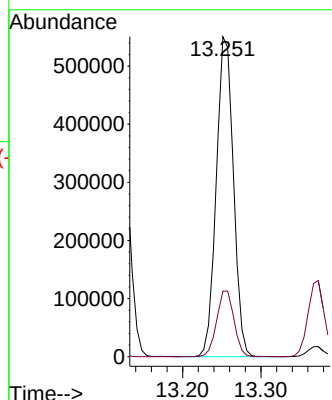
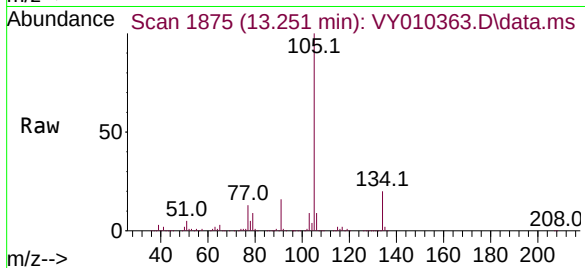
VSTDCCC050

Tgt Ion:105 Resp: 838050

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



#86

p-Isopropyltoluene

Concen: 48.342 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

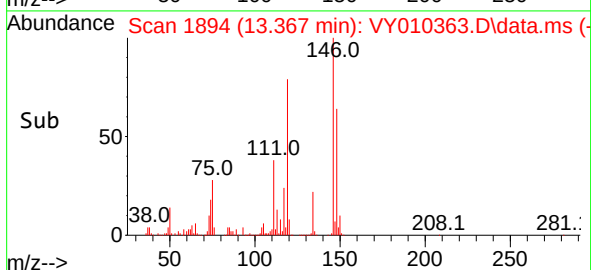
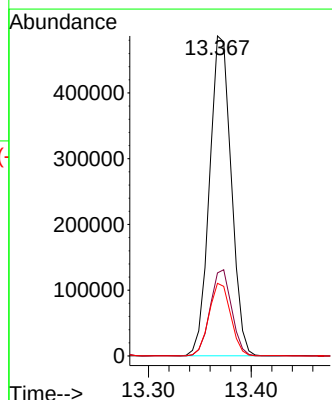
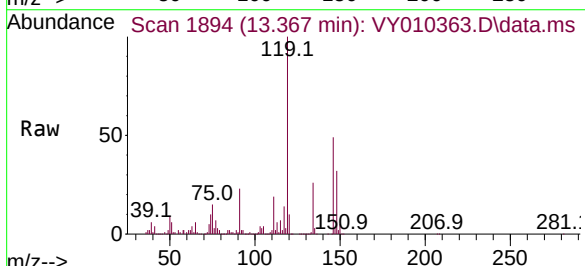
Tgt Ion:119 Resp: 713548

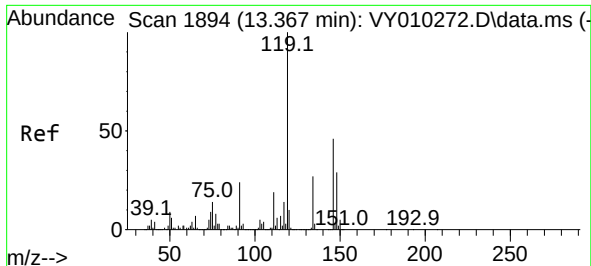
Ion Ratio Lower Upper

119 100

134 26.7 13.2 39.5

91 22.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.790 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

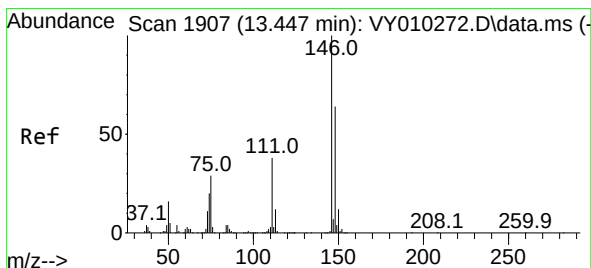
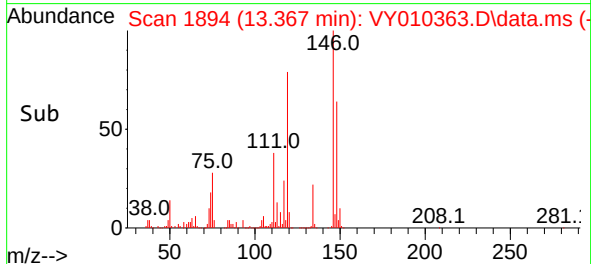
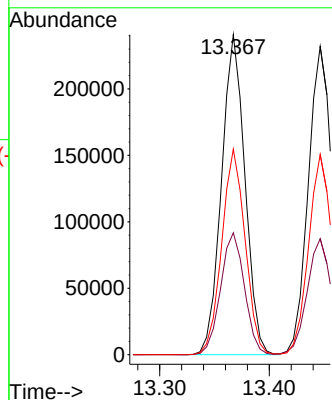
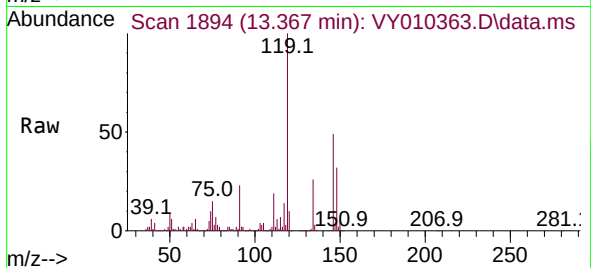
Tgt Ion:146 Resp: 357753

Ion Ratio Lower Upper

146 100

111 38.8 19.5 58.5

148 64.1 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 48.544 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.001 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

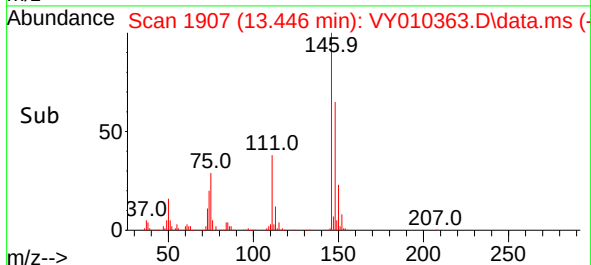
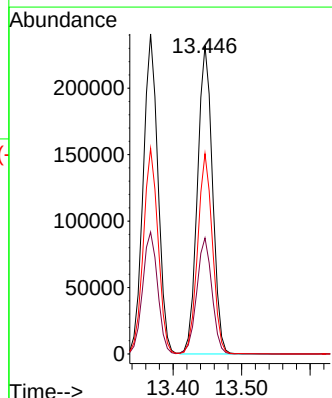
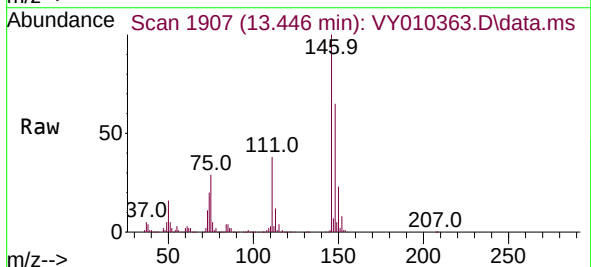
Tgt Ion:146 Resp: 353900

Ion Ratio Lower Upper

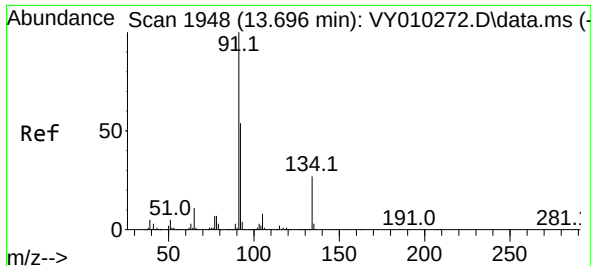
146 100

111 37.8 19.3 57.8

148 63.7 32.6 97.8



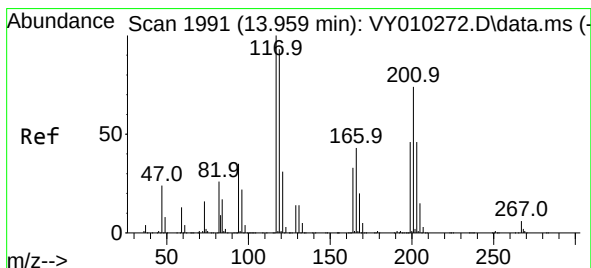
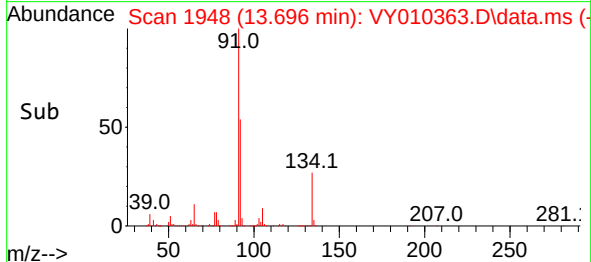
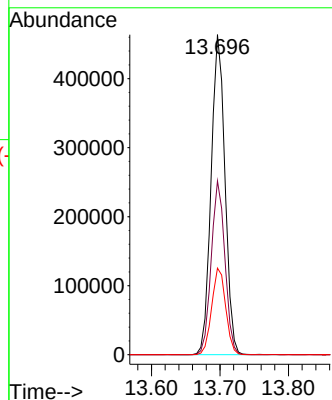
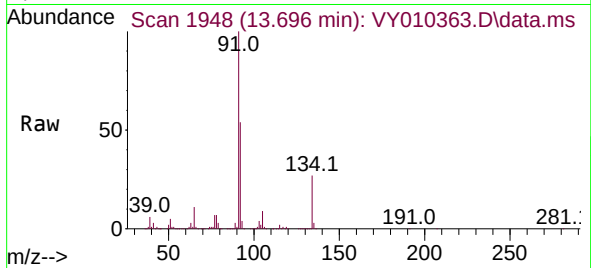




#89  
n-Butylbenzene  
Concen: 46.790 ug/l  
RT: 13.696 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

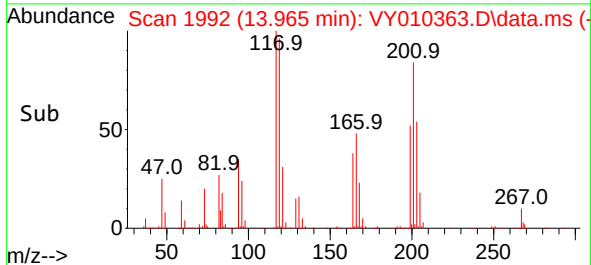
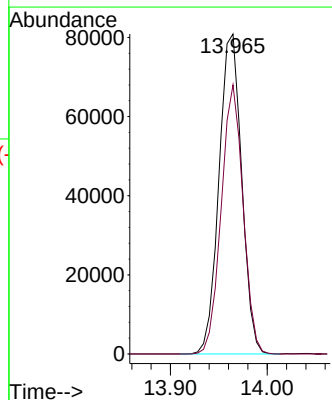
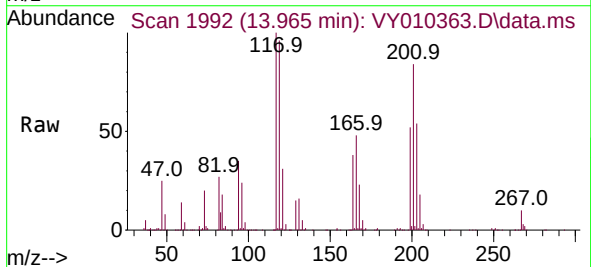
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

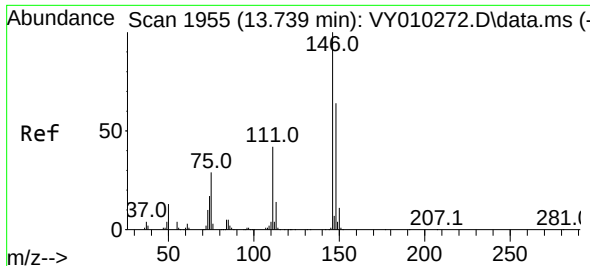
Tgt Ion: 91 Resp: 652875  
Ion Ratio Lower Upper  
91 100  
92 53.7 26.3 78.9  
134 27.3 13.0 38.9



#90  
Hexachloroethane  
Concen: 46.379 ug/l  
RT: 13.965 min Scan# 1992  
Delta R.T. 0.006 min  
Lab File: VY010363.D  
Acq: 07 Sep 2022 09:58

Tgt Ion: 117 Resp: 131405  
Ion Ratio Lower Upper  
117 100  
201 80.8 43.0 128.8

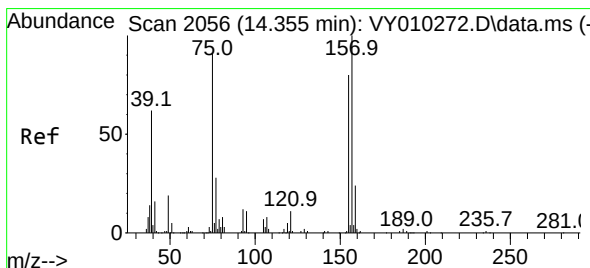
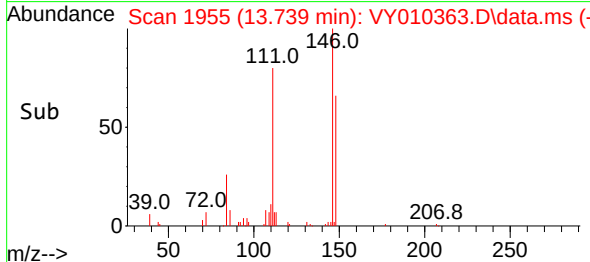
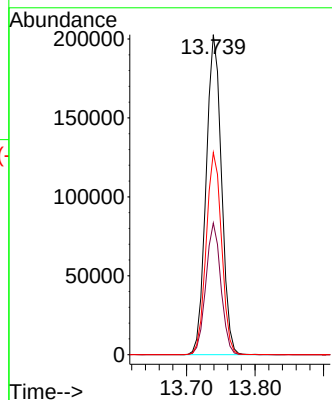
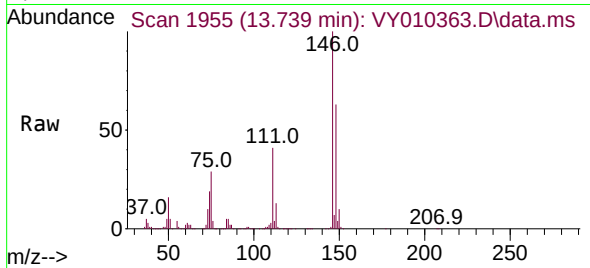




#91  
 1,2-Dichlorobenzene  
 Concen: 48.463 ug/l  
 RT: 13.739 min Scan# 1955  
 Delta R.T. 0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

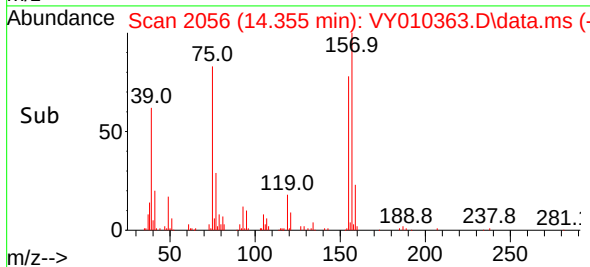
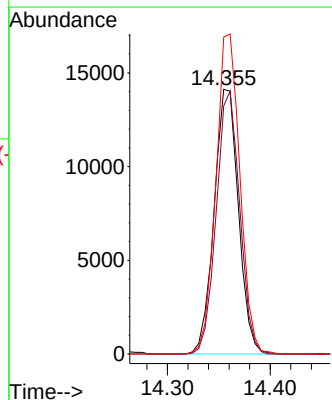
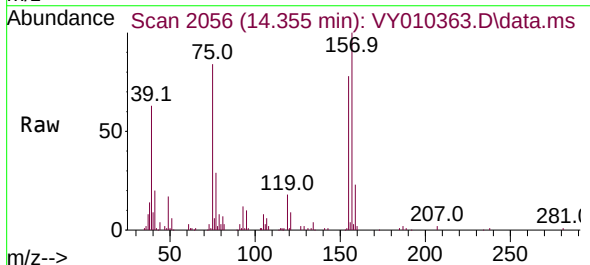
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

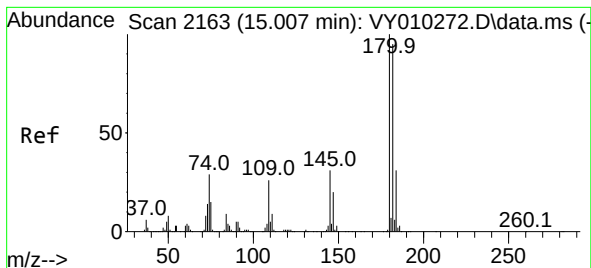
Tgt Ion:146 Resp: 316713  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.3 60.9  
 148 63.2 32.3 96.9



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 41.189 ug/l  
 RT: 14.355 min Scan# 2056  
 Delta R.T. -0.000 min  
 Lab File: VY010363.D  
 Acq: 07 Sep 2022 09:58

Tgt Ion: 75 Resp: 23155  
 Ion Ratio Lower Upper  
 75 100  
 155 95.7 38.0 113.9  
 157 119.8 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 48.436 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

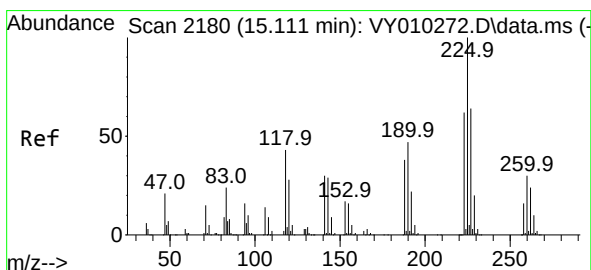
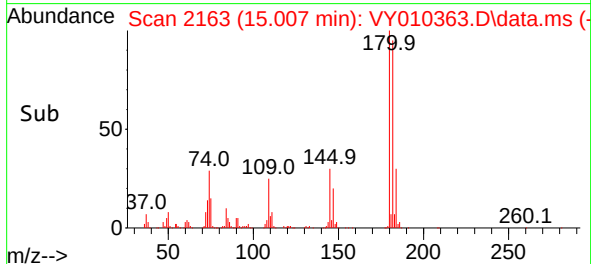
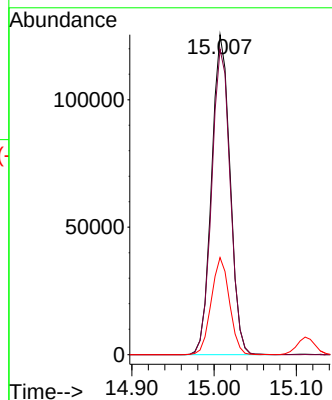
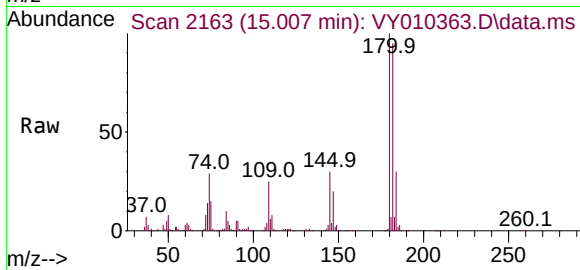
Tgt Ion:180 Resp: 195925

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 29.9 14.6 43.8



#94

Hexachlorobutadiene

Concen: 48.538 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

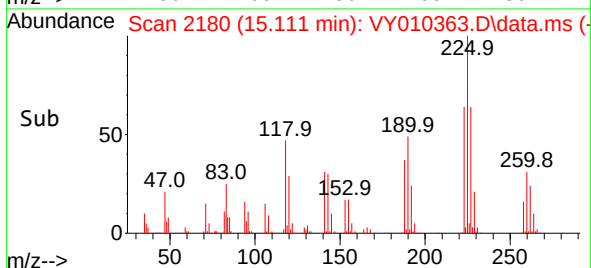
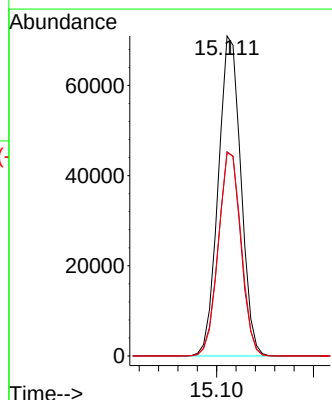
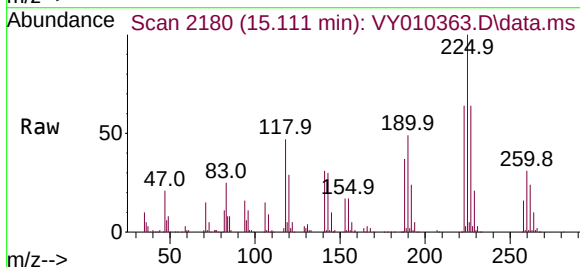
Tgt Ion:225 Resp: 115077

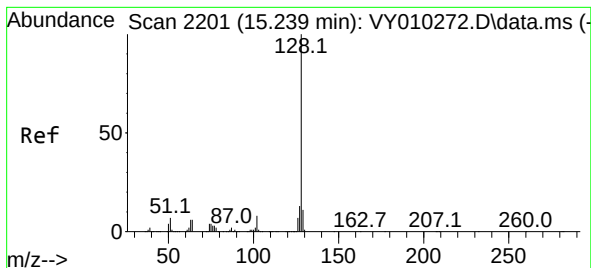
Ion Ratio Lower Upper

225 100

223 63.6 30.8 92.3

227 63.9 31.6 94.7





#95

Naphthalene

Concen: 46.930 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

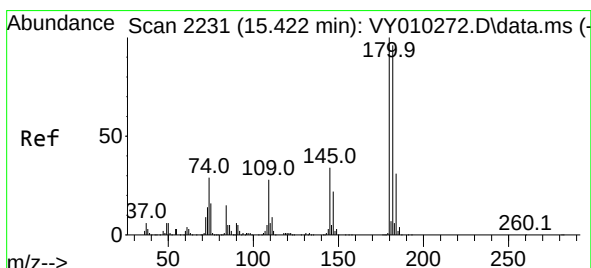
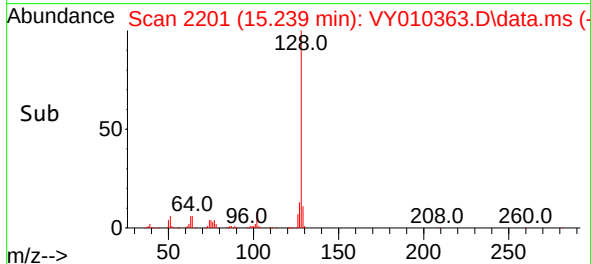
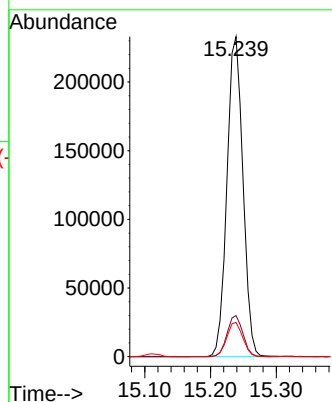
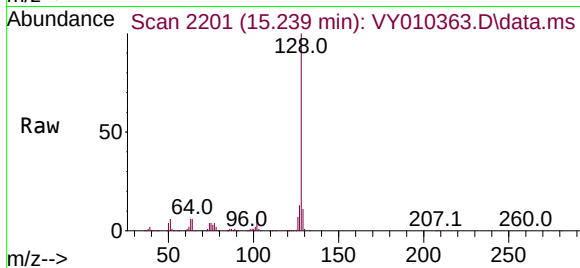
Tgt Ion:128 Resp: 393891

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 49.254 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY010363.D

Acq: 07 Sep 2022 09:58

Tgt Ion:180 Resp: 168743

Ion Ratio Lower Upper

180 100

182 95.5 47.3 141.9

145 31.8 15.3 45.9

