

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080123\  
 Data File : VY014926.D  
 Acq On : 01 Aug 2023 16:13  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Aug 02 01:55:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.783  | 168  | 291041   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 481865   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.489 | 117  | 432515   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 217798   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 181743   | 54.799   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 109.600% |      |
| 35) Dibromofluoromethane    | 7.710  | 113   | 171861   | 56.028   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 112.060% |      |
| 50) Toluene-d8              | 10.173 | 98    | 604294   | 53.435   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 106.860% |      |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 218422   | 50.371   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 100.740% |      |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 91964   | 38.784  | ug/l   | 97  |
| 3) Chloromethane             | 2.107 | 50  | 138297  | 51.886  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.247 | 62  | 162936  | 54.697  | ug/l   | 100 |
| 5) Bromomethane              | 2.637 | 94  | 120660  | 61.292  | ug/l   | 98  |
| 6) Chloroethane              | 2.784 | 64  | 111285  | 59.807  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 3.113 | 101 | 240706  | 48.112  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.521 | 74  | 87853   | 47.196  | ug/l   | 88  |
| 9) 1,1,2-Trichlorotrifluo... | 3.887 | 101 | 143191  | 46.695  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.082 | 142 | 163292  | 50.221  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 4.948 | 59  | 102788  | 140.289 | ug/l # | 80  |
| 12) 1,1-Dichloroethene       | 3.863 | 96  | 130711  | 45.607  | ug/l   | 94  |
| 13) Acrolein                 | 3.723 | 56  | 43162   | 124.515 | ug/l   | 100 |
| 14) Allyl chloride           | 4.466 | 41  | 218700  | 42.977  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.149 | 53  | 244029  | 237.733 | ug/l   | 100 |
| 16) Acetone                  | 3.942 | 43  | 208706  | 198.585 | ug/l   | 92  |
| 17) Carbon Disulfide         | 4.186 | 76  | 325142  | 39.626  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.466 | 43  | 194191  | 48.149  | ug/l   | 93  |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 449133  | 48.243  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.710 | 84  | 189556  | 56.030  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 153140  | 47.084  | ug/l   | 93  |
| 22) Diisopropyl ether        | 6.112 | 45  | 497715  | 48.107  | ug/l   | 91  |
| 23) Vinyl Acetate            | 6.051 | 43  | 1430815 | 231.101 | ug/l # | 94  |
| 24) 1,1-Dichloroethane       | 6.009 | 63  | 290153  | 49.014  | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 336977  | 219.164 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.972 | 77  | 261380  | 46.329  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.978 | 96  | 188420  | 49.770  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.326 | 49  | 128657  | 50.463  | ug/l   | 94  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 214274  | 226.324 | ug/l   | 92  |
| 30) Chloroform               | 7.496 | 83  | 305672  | 50.073  | ug/l   | 94  |
| 31) Cyclohexane              | 7.777 | 56  | 222931  | 40.493  | ug/l   | 95  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 268121  | 48.801  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.911 | 75  | 212475  | 46.318  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.069 | 43  | 142655  | 45.168  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 233042  | 48.059  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 256702  | 42.953  | ug/l   | 93  |
| 40) Benzene                  | 8.155 | 78  | 629198  | 48.228  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080123\  
 Data File : VY014926.D  
 Acq On : 01 Aug 2023 16:13  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Aug 02 01:55:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 14 02:09:50 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 65158    | 40.109  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 208978   | 50.582  | ug/l   | 96       |
| 43) Isopropyl Acetate         | 8.264  | 43   | 274902   | 45.693  | ug/l   | 97       |
| 44) Trichloroethene           | 8.935  | 130  | 176393   | 48.323  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.209  | 63   | 163020   | 47.853  | ug/l   | 96       |
| 46) Dibromomethane            | 9.301  | 93   | 99908    | 48.342  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 243676   | 50.026  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 120503   | 44.513  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 31834    | 944.655 | ug/l # | 61       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 734759   | 232.605 | ug/l   | 93       |
| 52) Toluene                   | 10.240 | 92   | 403468   | 48.329  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 248751   | 46.687  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 277677   | 47.924  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 141952   | 49.309  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 205247   | 46.695  | ug/l   | 91       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 242955   | 48.930  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 493463   | 240.944 | ug/l   | 93       |
| 59) 2-Hexanone                | 10.825 | 43   | 525750   | 228.231 | ug/l   | 93       |
| 60) Dibromochloromethane      | 10.977 | 129  | 177991   | 50.428  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 136193   | 47.423  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 169524   | 48.734  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.514 | 112  | 450839   | 48.915  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 173782   | 50.007  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 802087   | 48.200  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.697 | 106  | 614565   | 96.747  | ug/l   | 96       |
| 69) o-Xylene                  | 12.026 | 106  | 298906   | 48.311  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 508468   | 48.760  | ug/l   | 98       |
| 71) Bromoform                 | 12.203 | 173  | 113895   | 48.352  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 793520   | 46.531  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 242571   | 42.470  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 177046   | 45.525  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.629 | 75   | 227797   | 82.813  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 187840   | 48.253  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.666 | 91   | 941411   | 45.811  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.751 | 91   | 535014   | 45.201  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 654901   | 45.983  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.373 | 75   | 57725    | 40.631  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 551360   | 45.230  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 594881   | 47.086  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 653800   | 46.776  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 864422   | 46.642  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 720424   | 47.610  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 367495   | 48.506  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 365529   | 48.146  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.690 | 91   | 680653   | 46.235  | ug/l   | 97       |
| 90) Hexachloroethane          | 13.958 | 117  | 142779   | 45.939  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 336118   | 48.422  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 31635    | 42.536  | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 15.001 | 180  | 207252   | 47.035  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 114968   | 47.479  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 469604   | 45.745  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 185509   | 47.371  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080123\  
Data File : VY014926.D  
Acq On : 01 Aug 2023 16:13  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 8 Sample Multiplier: 1

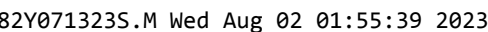
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

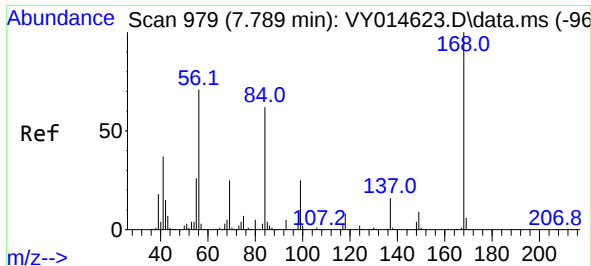
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 14 02:09:50 2023  
Response via : Initial Calibration

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

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

Quant Time: Aug 02 01:55:33 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y071323S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 14 02:09:50 2023  
Response via : Initial Calibration

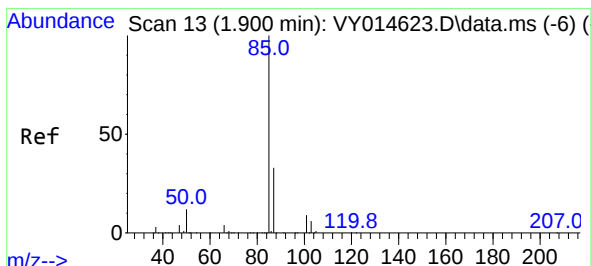
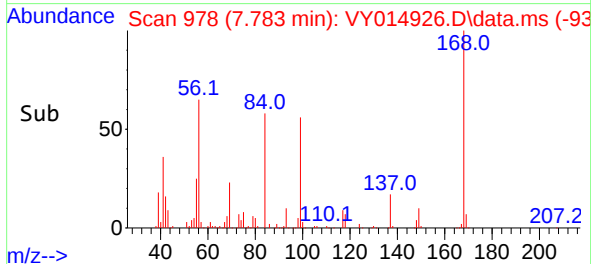
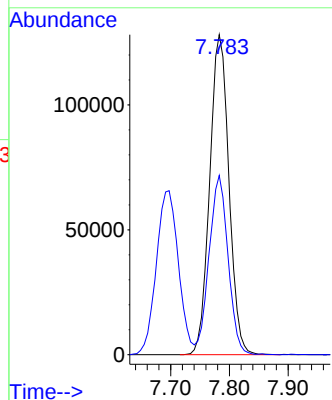
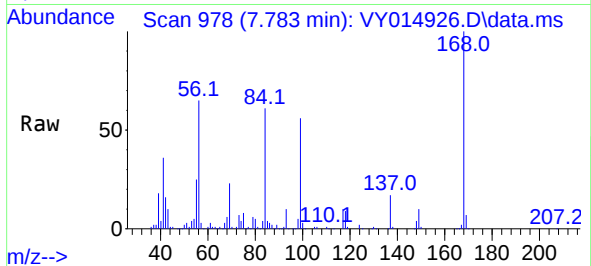




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

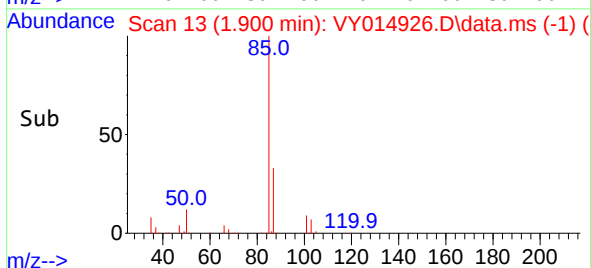
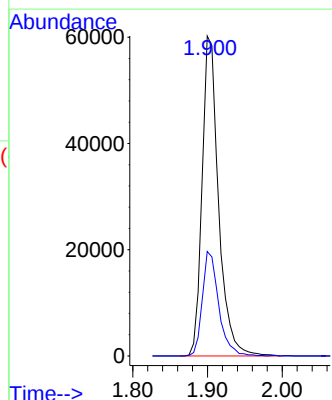
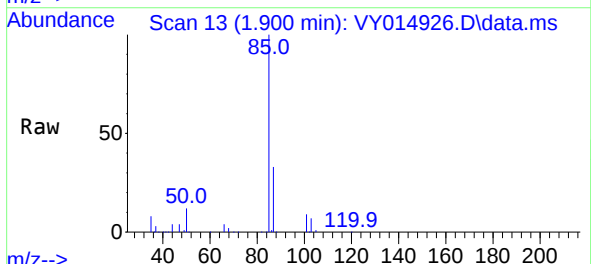
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

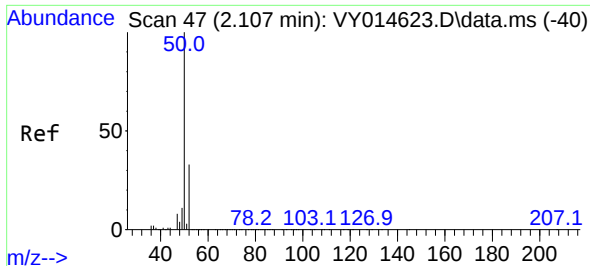
Tgt Ion:168 Resp: 291041  
Ion Ratio Lower Upper  
168 100  
99 56.0 43.4 65.0



#2  
Dichlorodifluoromethane  
Concen: 38.784 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 85 Resp: 91964  
Ion Ratio Lower Upper  
85 100  
87 32.6 15.6 46.8

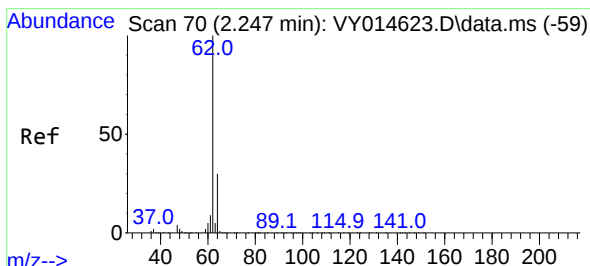
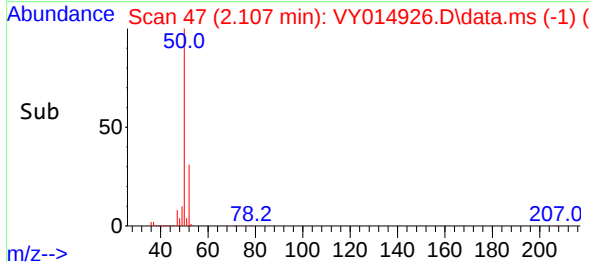
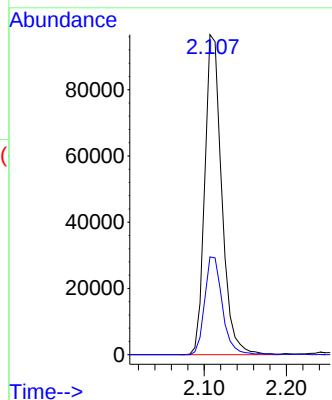
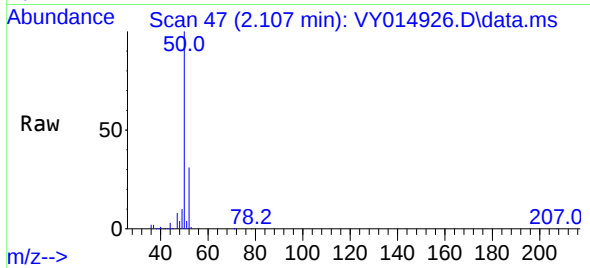




#3  
Chloromethane  
Concen: 51.886 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

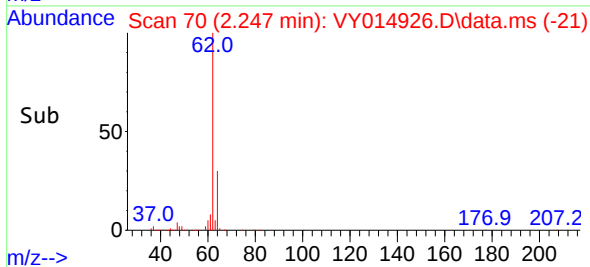
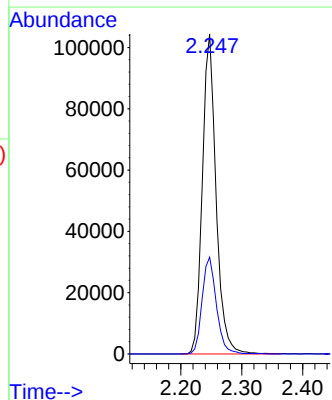
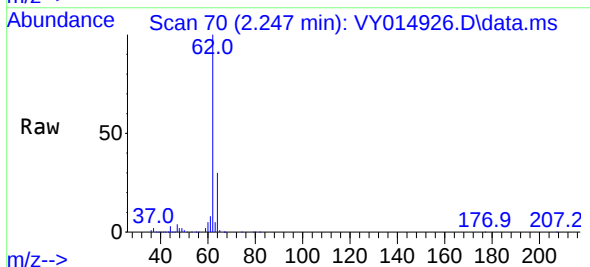
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

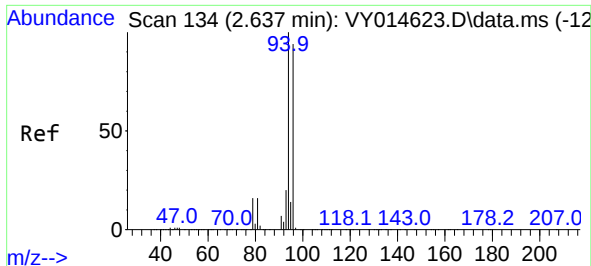
Tgt Ion: 50 Resp: 138297  
Ion Ratio Lower Upper  
50 100  
52 30.5 25.4 38.2



#4  
Vinyl Chloride  
Concen: 54.697 ug/l  
RT: 2.247 min Scan# 70  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 62 Resp: 162936  
Ion Ratio Lower Upper  
62 100  
64 30.2 24.3 36.5

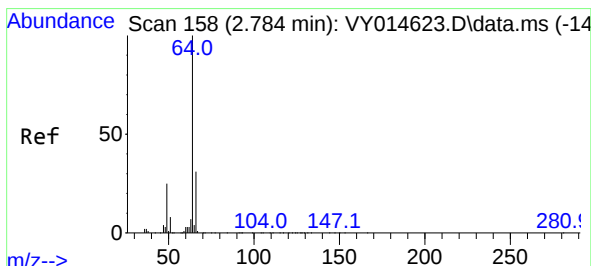
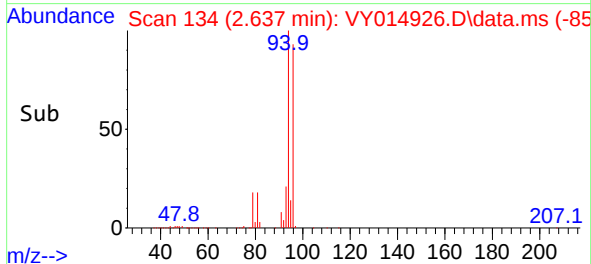
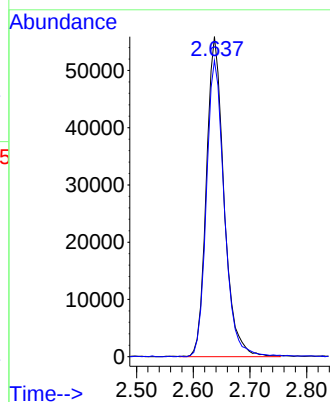
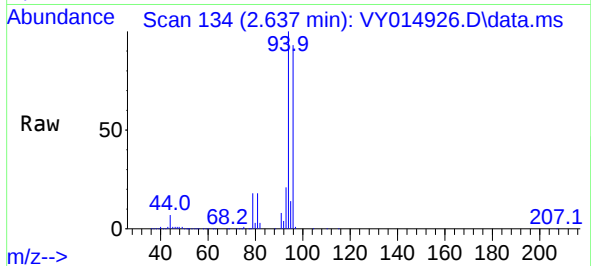




#5  
Bromomethane  
Concen: 61.292 ug/l  
RT: 2.637 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

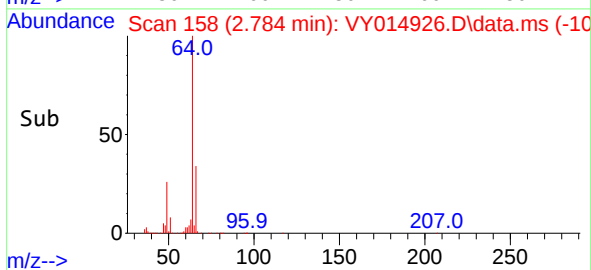
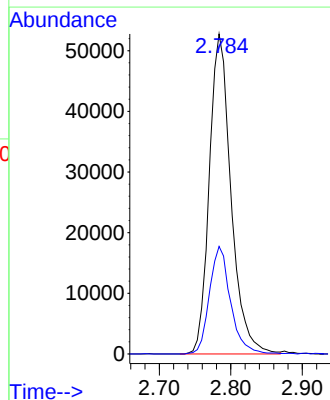
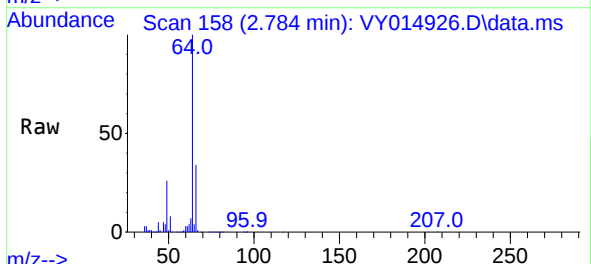
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

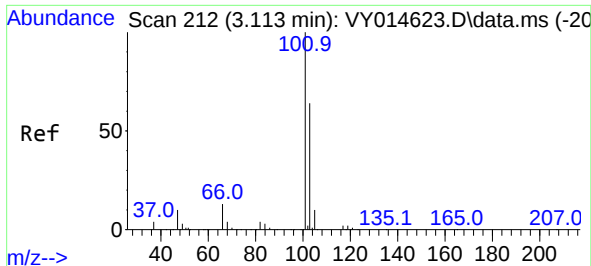
Tgt Ion: 94 Resp: 120660  
Ion Ratio Lower Upper  
94 100  
96 92.4 75.8 113.6



#6  
Chloroethane  
Concen: 59.807 ug/l  
RT: 2.784 min Scan# 158  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 64 Resp: 111285  
Ion Ratio Lower Upper  
64 100  
66 33.6 24.4 36.6

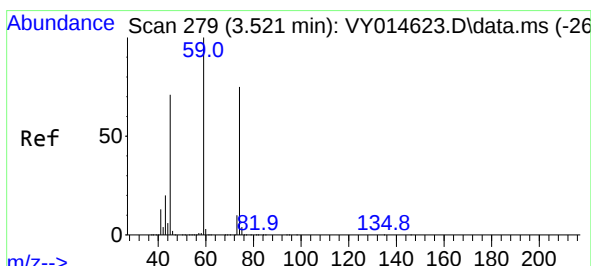
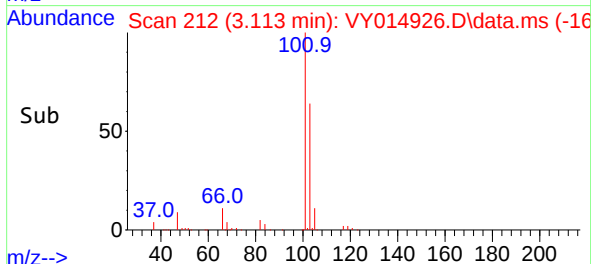
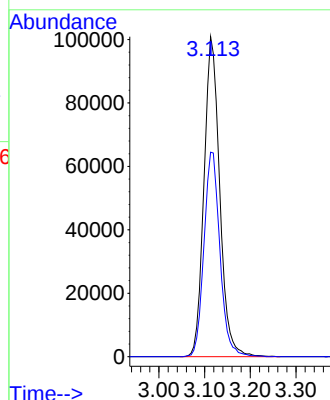
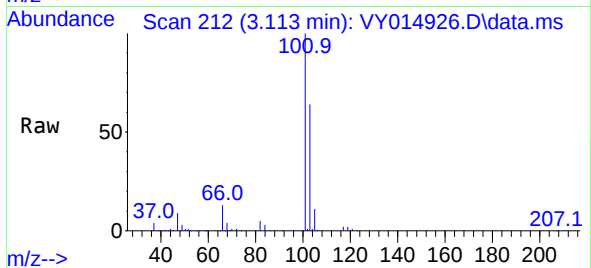




#7  
Trichlorofluoromethane  
Concen: 48.112 ug/l  
RT: 3.113 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

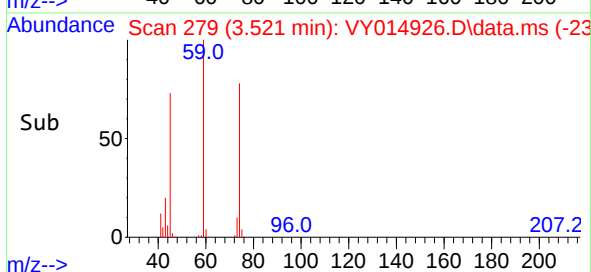
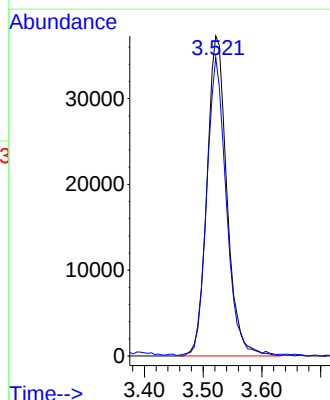
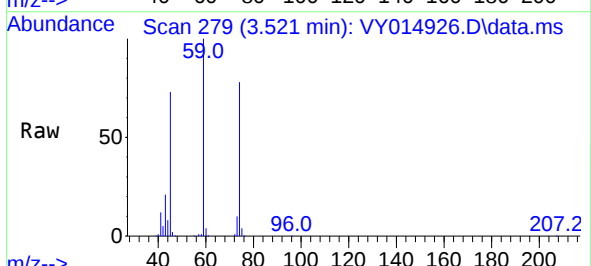
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

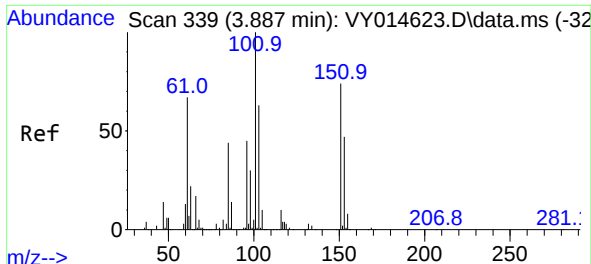
Tgt Ion:101 Resp: 240706  
Ion Ratio Lower Upper  
101 100  
103 63.9 51.4 77.0



#8  
Diethyl Ether  
Concen: 47.196 ug/l  
RT: 3.521 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 74 Resp: 87853  
Ion Ratio Lower Upper  
74 100  
45 91.1 51.5 154.5

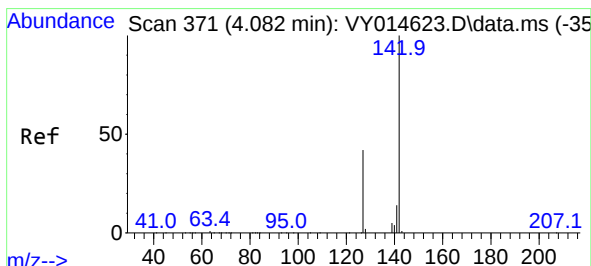
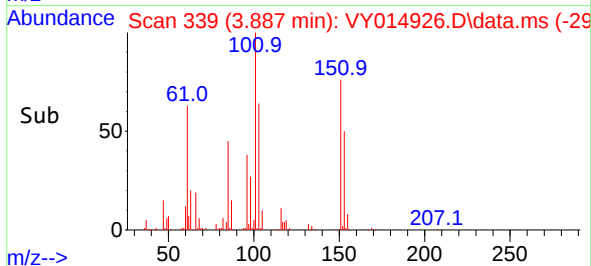
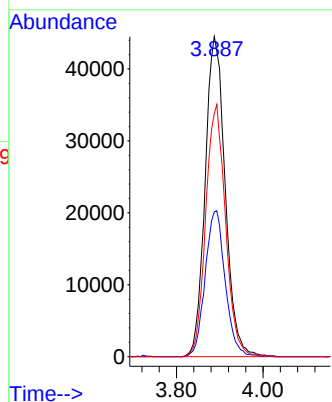
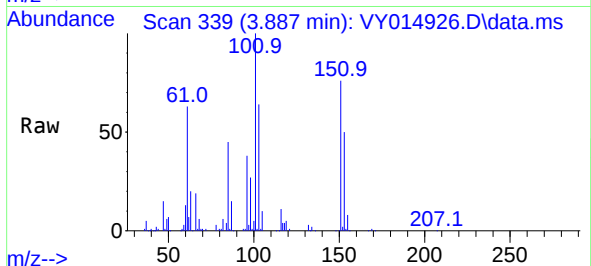




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 46.695 ug/l  
RT: 3.887 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

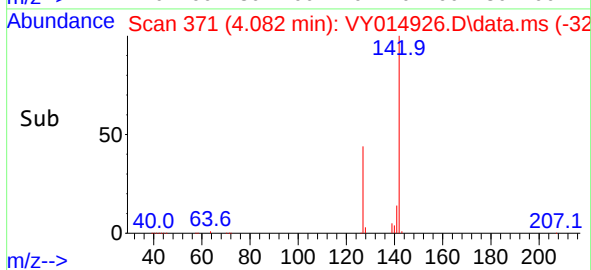
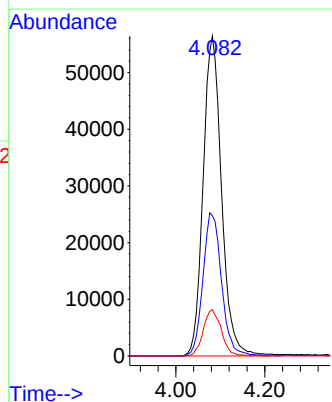
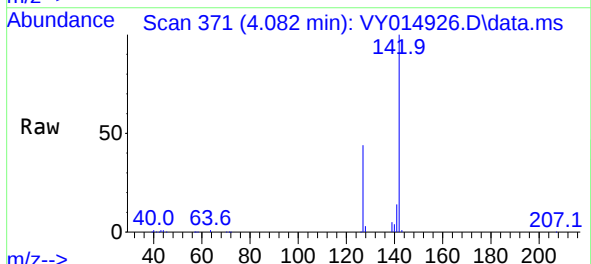
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

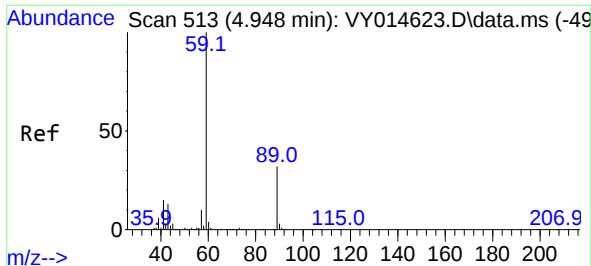
Tgt Ion:101 Resp: 143191  
Ion Ratio Lower Upper  
101 100  
85 45.6 36.6 55.0  
151 77.9 67.0 100.6



#10  
Methyl Iodide  
Concen: 50.221 ug/l  
RT: 4.082 min Scan# 371  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:142 Resp: 163292  
Ion Ratio Lower Upper  
142 100  
127 45.0 37.6 56.4  
141 14.1 11.8 17.8

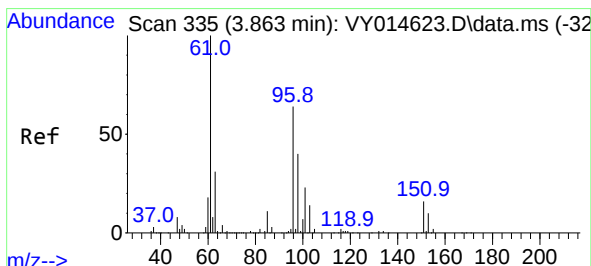
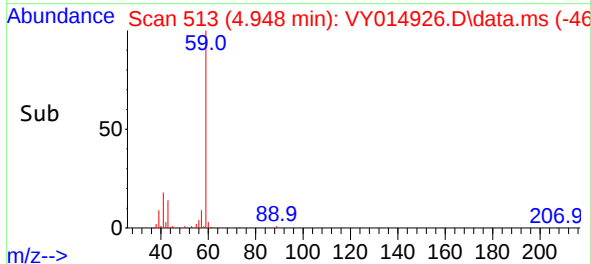
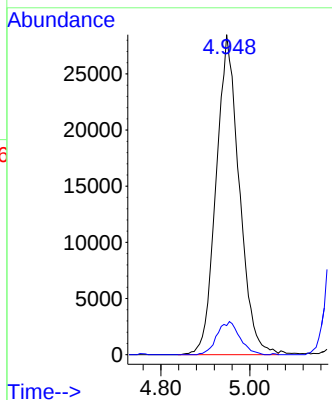
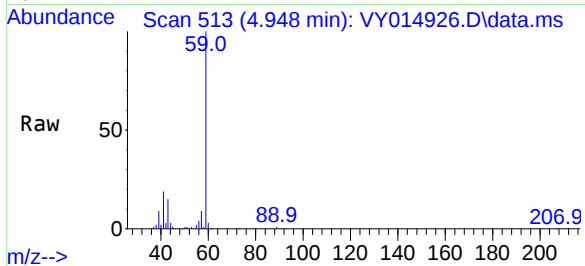




#11  
Tert butyl alcohol  
Concen: 140.289 ug/l  
RT: 4.948 min Scan# 513  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

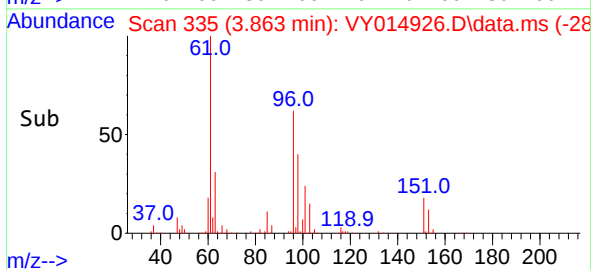
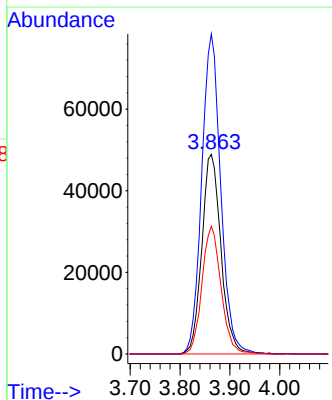
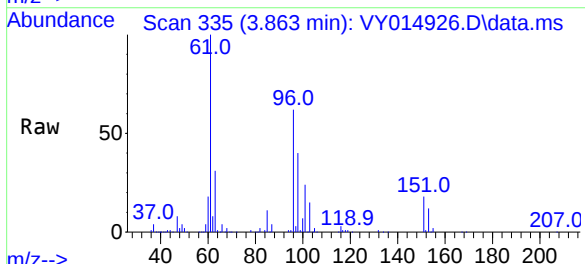
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

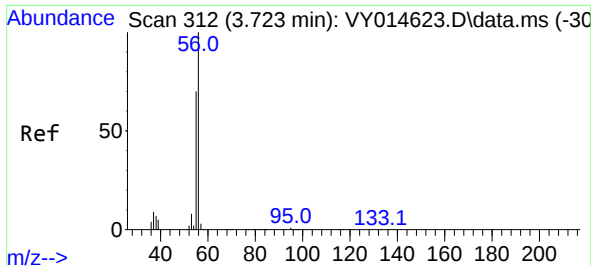
Tgt Ion: 59 Resp: 102788  
Ion Ratio Lower Upper  
59 100  
57 10.2 3.0 4.4#



#12  
1,1-Dichloroethene  
Concen: 45.607 ug/l  
RT: 3.863 min Scan# 335  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 96 Resp: 130711  
Ion Ratio Lower Upper  
96 100  
61 160.2 136.4 204.6  
98 63.9 49.4 74.2

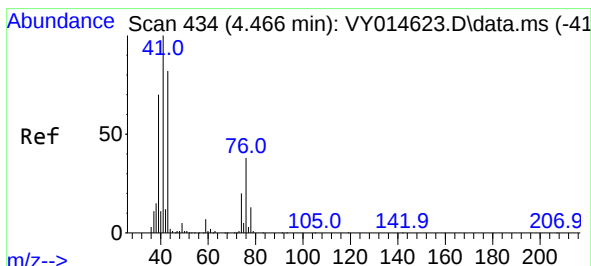
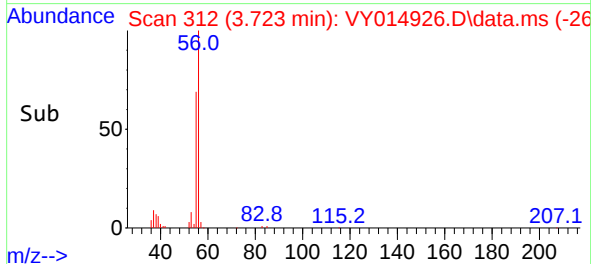
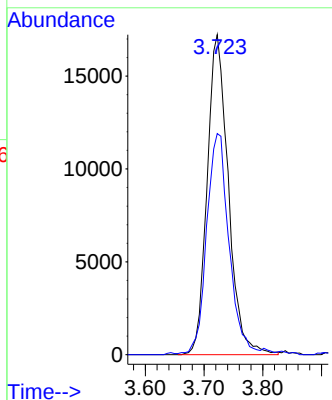
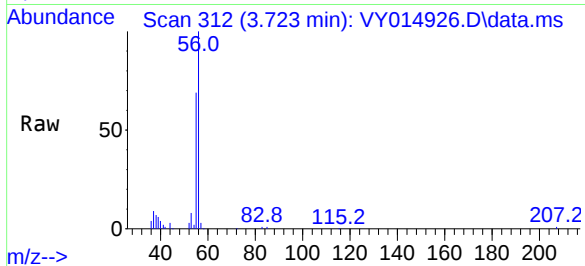




#13  
Acrolein  
Concen: 124.515 ug/l  
RT: 3.723 min Scan# 312  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

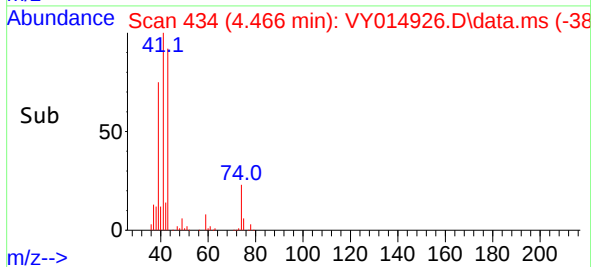
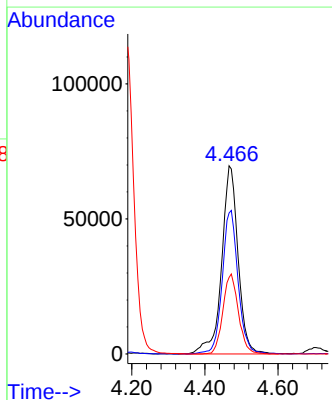
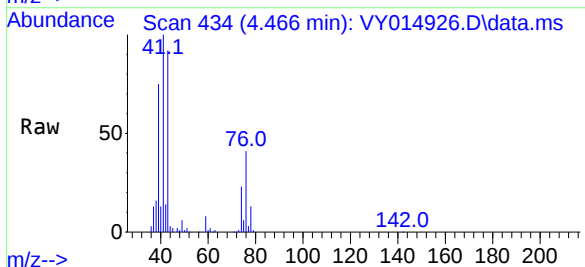
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

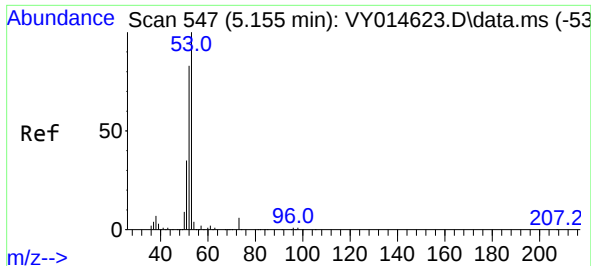
Tgt Ion: 56 Resp: 43162  
Ion Ratio Lower Upper  
56 100  
55 71.5 57.0 85.4



#14  
Allyl chloride  
Concen: 42.977 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 41 Resp: 218700  
Ion Ratio Lower Upper  
41 100  
39 73.3 58.0 87.0  
76 39.9 27.4 41.2

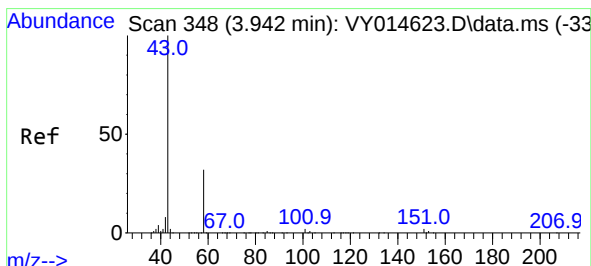
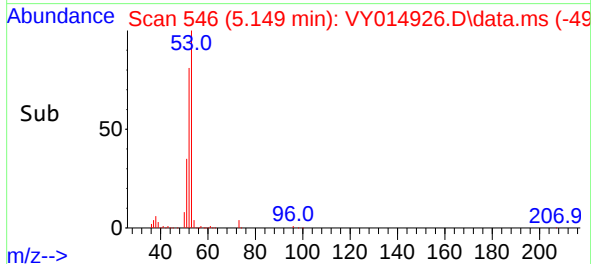
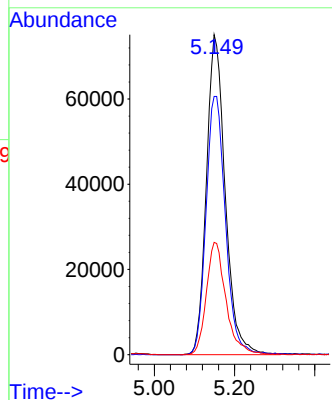
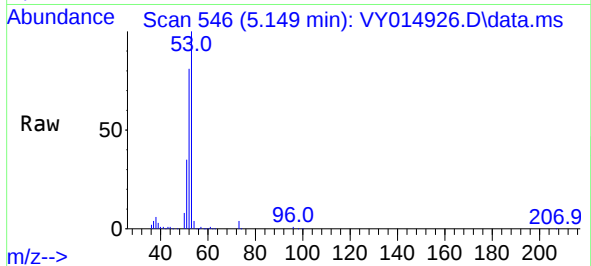




#15  
Acrylonitrile  
Concen: 237.733 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

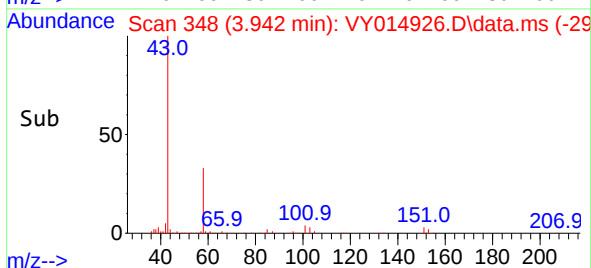
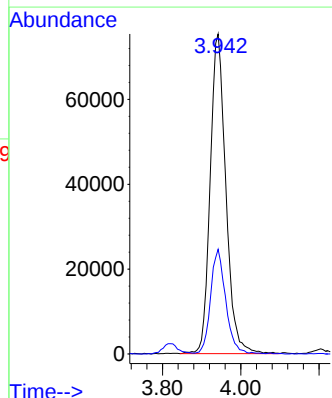
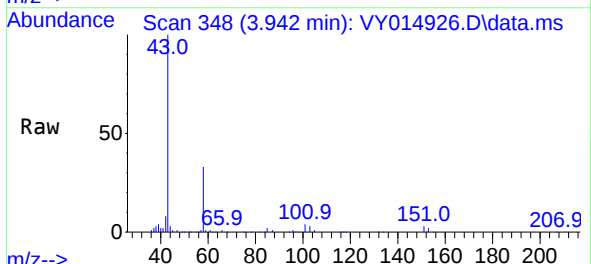
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

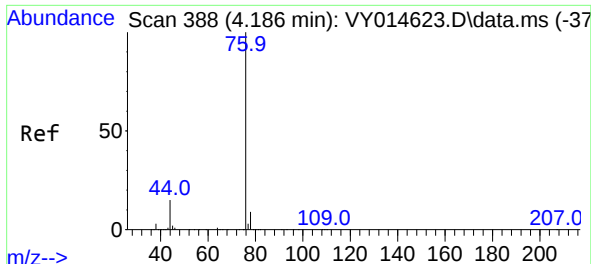
Tgt Ion: 53 Resp: 244029  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.9 100.3  
51 36.7 29.8 44.6



#16  
Acetone  
Concen: 198.585 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 43 Resp: 208706  
Ion Ratio Lower Upper  
43 100  
58 32.6 22.7 34.1

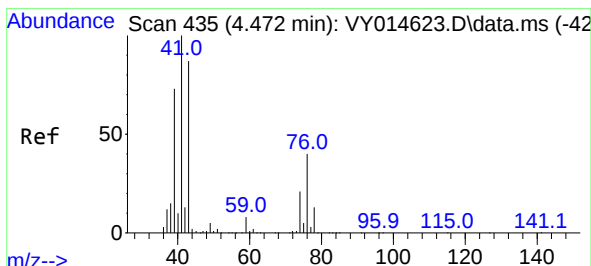
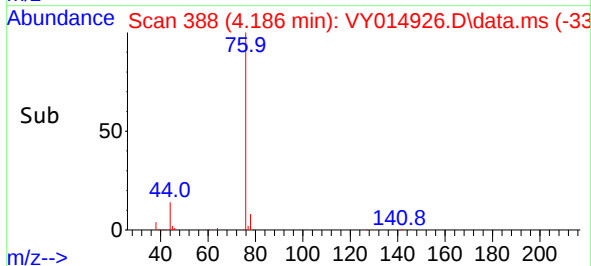
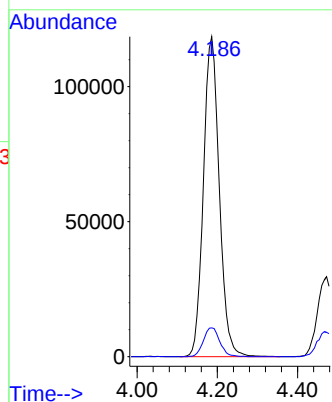
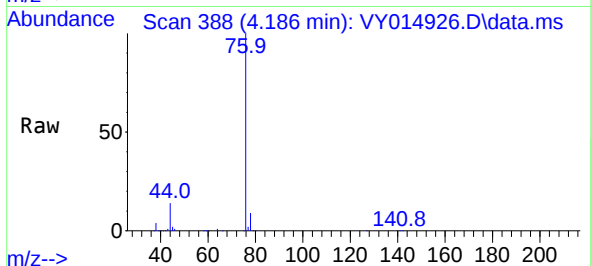




#17  
Carbon Disulfide  
Concen: 39.626 ug/l  
RT: 4.186 min Scan# 388  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

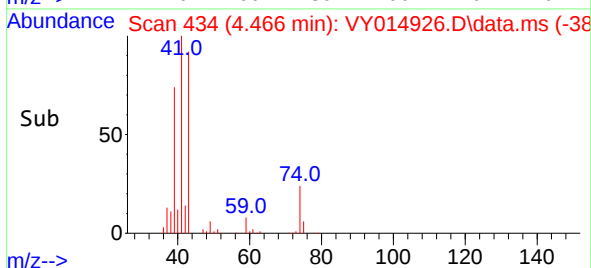
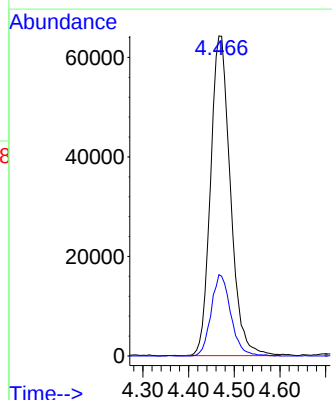
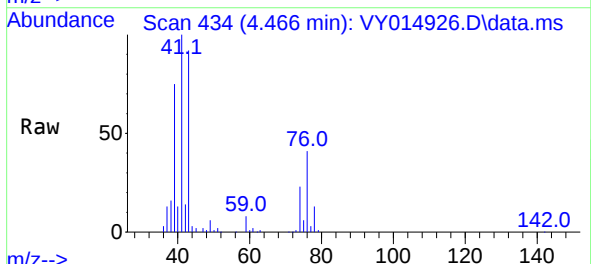
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

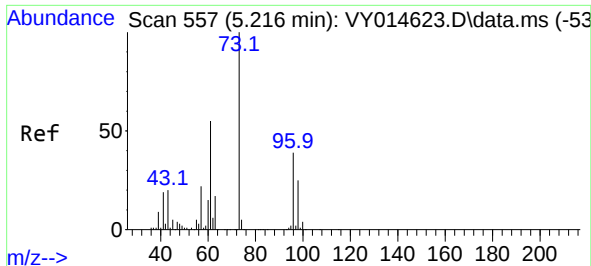
Tgt Ion: 76 Resp: 325142  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.0 10.4



#18  
Methyl Acetate  
Concen: 48.149 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 43 Resp: 194191  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 48.243 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

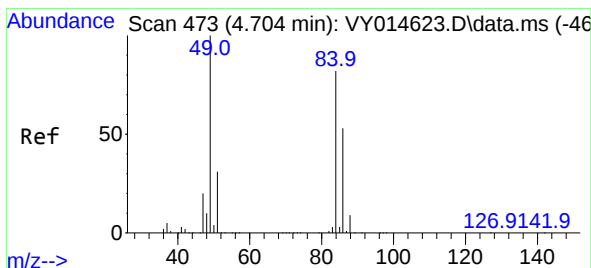
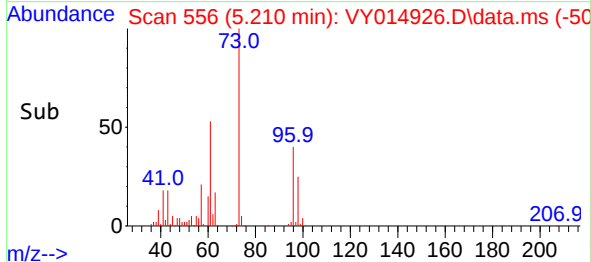
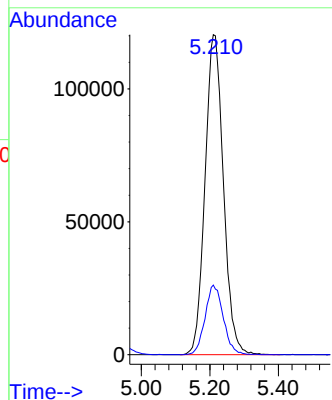
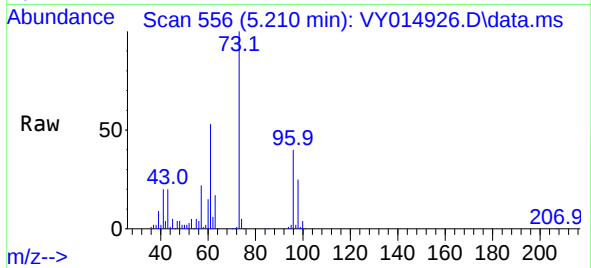
VSTDCCC050EC

Tgt Ion: 73 Resp: 449133

Ion Ratio Lower Upper

73 100

57 21.8 17.3 25.9



#20

Methylene Chloride

Concen: 56.030 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Tgt Ion: 84 Resp: 189556

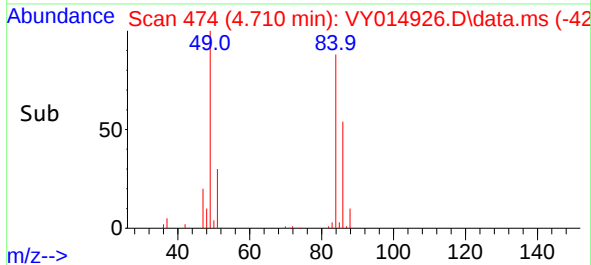
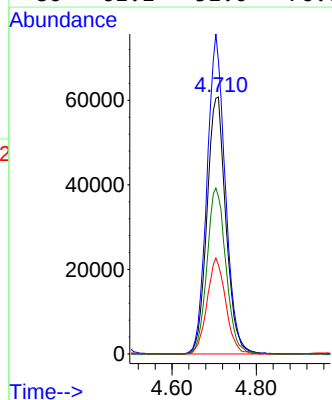
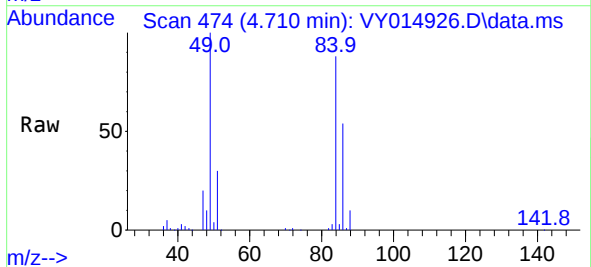
Ion Ratio Lower Upper

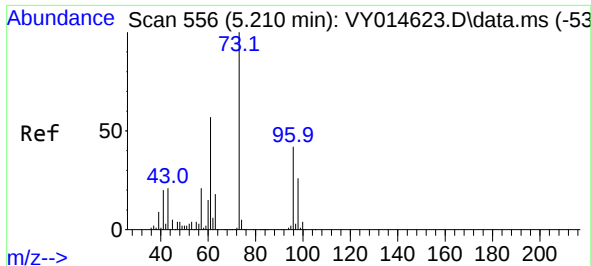
84 100

49 113.8 106.9 160.3

51 34.6 33.2 49.8

86 61.1 51.0 76.6

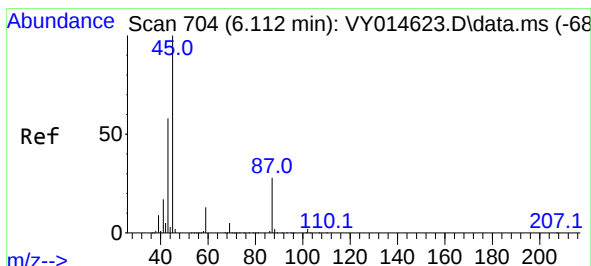
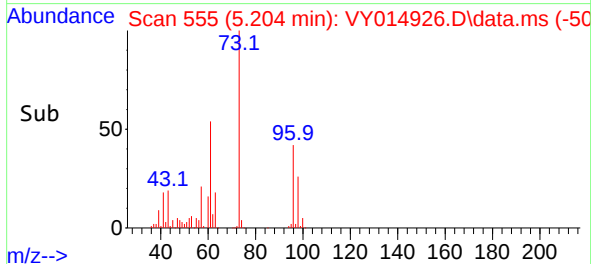
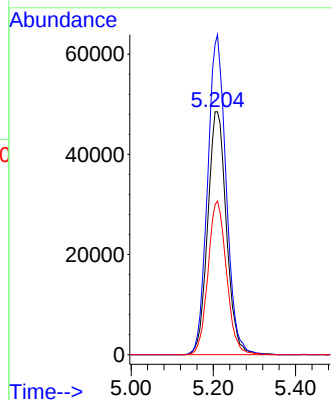
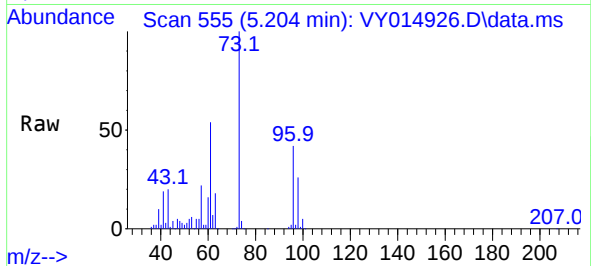




#21  
trans-1,2-Dichloroethene  
Concen: 47.084 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

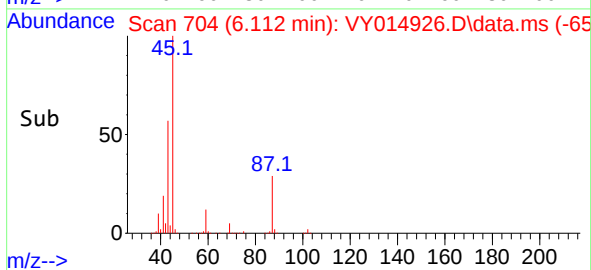
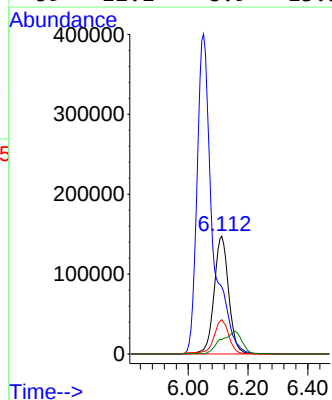
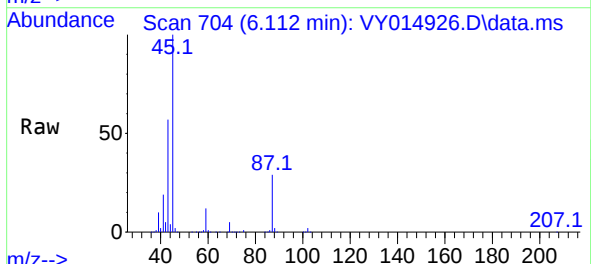
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

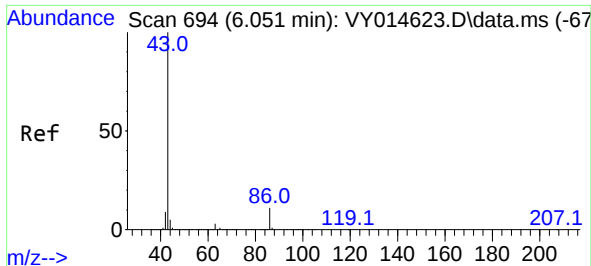
Tgt Ion: 96 Resp: 153140  
Ion Ratio Lower Upper  
96 100  
61 127.7 110.2 165.4  
98 61.8 51.8 77.6



#22  
Diisopropyl ether  
Concen: 48.107 ug/l  
RT: 6.112 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 45 Resp: 497715  
Ion Ratio Lower Upper  
45 100  
43 56.8 52.2 78.4  
87 29.0 21.0 31.6  
59 12.1 8.9 13.3

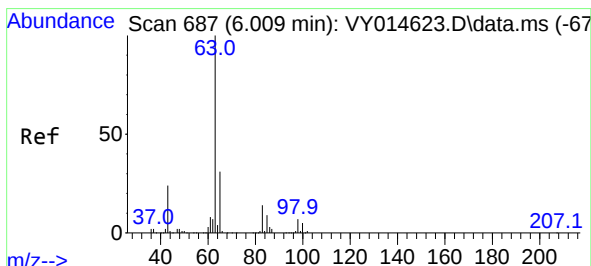
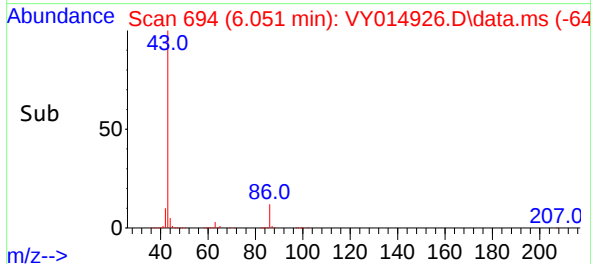
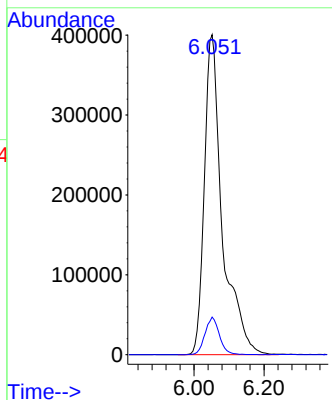
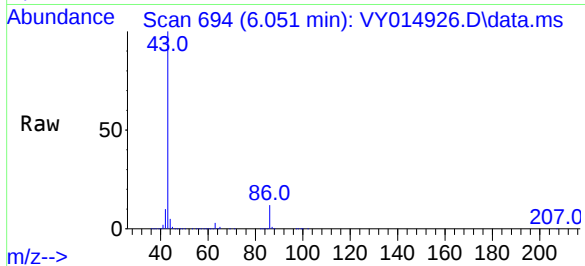




#23  
 Vinyl Acetate  
 Concen: 231.101 ug/l  
 RT: 6.051 min Scan# 694  
 Delta R.T. 0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

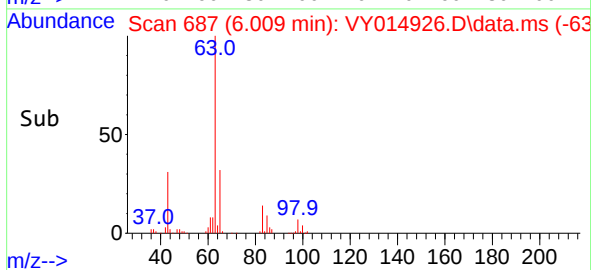
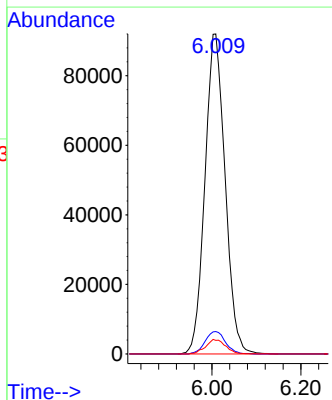
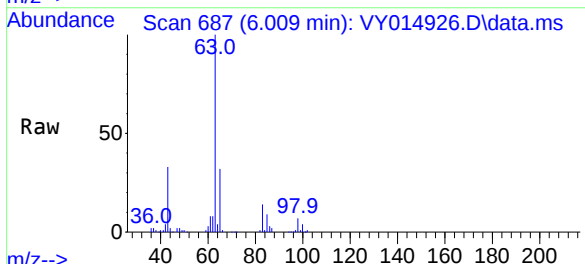
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

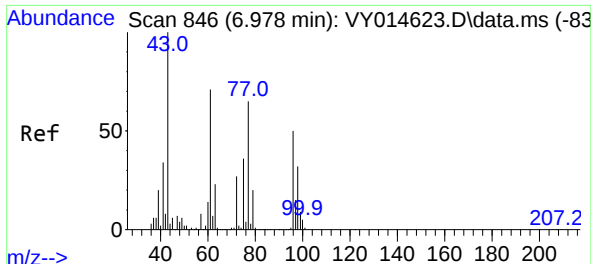
Tgt Ion: 43 Resp: 1430815  
 Ion Ratio Lower Upper  
 43 100  
 86 11.8 7.5 11.3#



#24  
 1,1-Dichloroethane  
 Concen: 49.014 ug/l  
 RT: 6.009 min Scan# 687  
 Delta R.T. -0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

Tgt Ion: 63 Resp: 290153  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.1 9.4  
 100 4.3 1.8 5.5

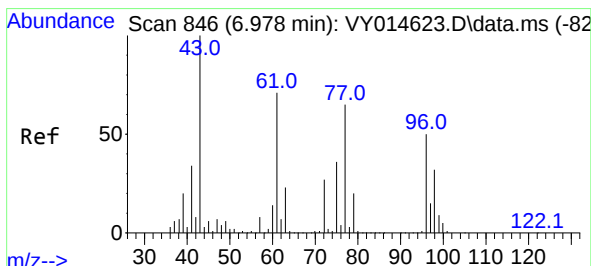
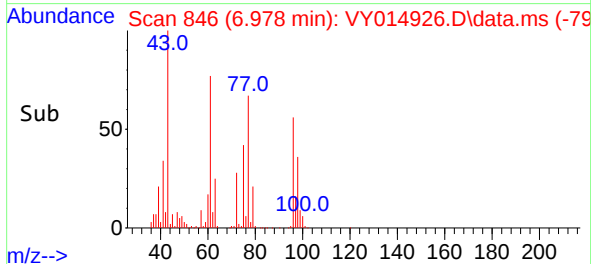
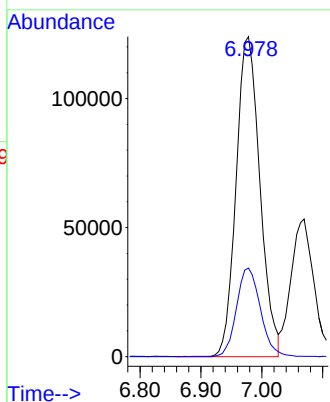
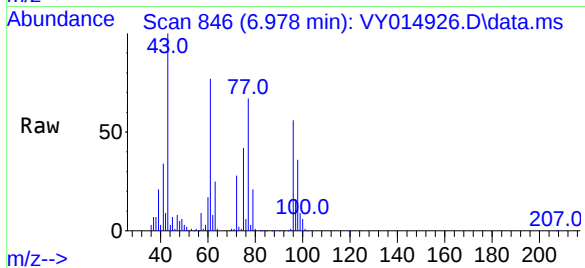




#25  
2-Butanone  
Concen: 219.164 ug/l  
RT: 6.978 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

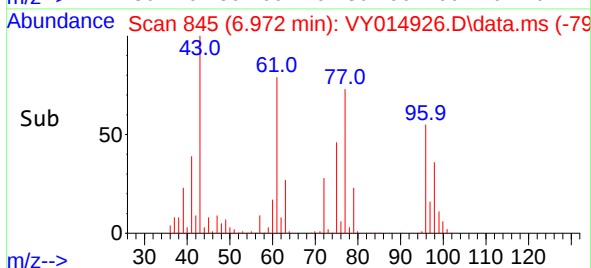
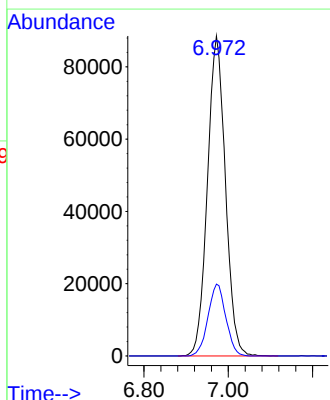
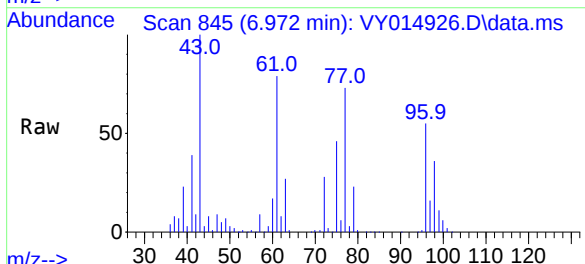
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

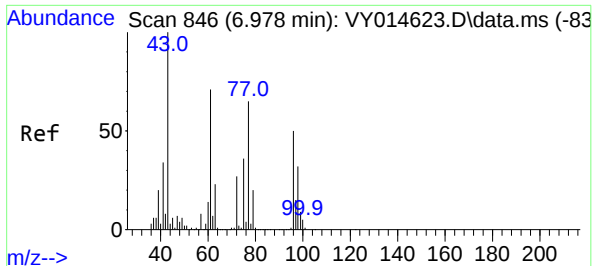
Tgt Ion: 43 Resp: 336977  
Ion Ratio Lower Upper  
43 100  
72 27.7 20.5 30.7



#26  
2,2-Dichloropropane  
Concen: 46.329 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 77 Resp: 261380  
Ion Ratio Lower Upper  
77 100  
97 22.3 10.9 32.9

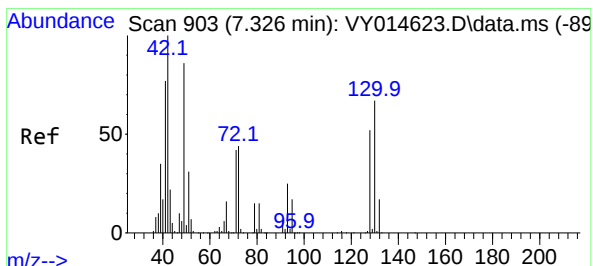
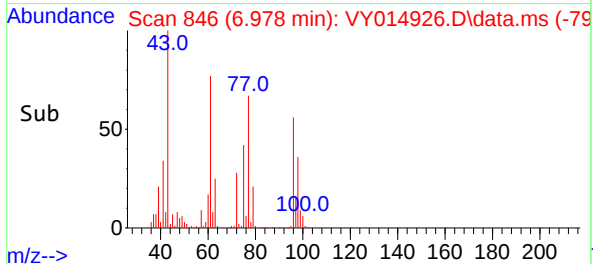
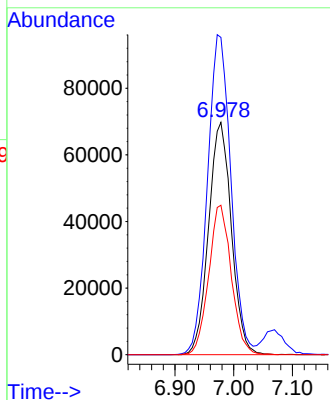
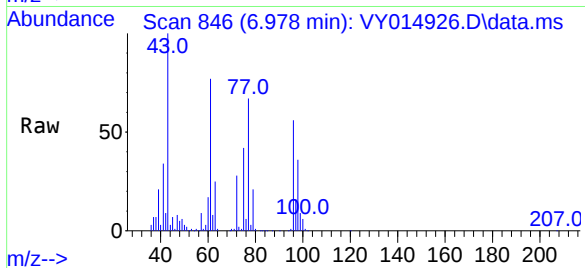




#27  
 cis-1,2-Dichloroethene  
 Concen: 49.770 ug/l  
 RT: 6.978 min Scan# 846  
 Delta R.T. 0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

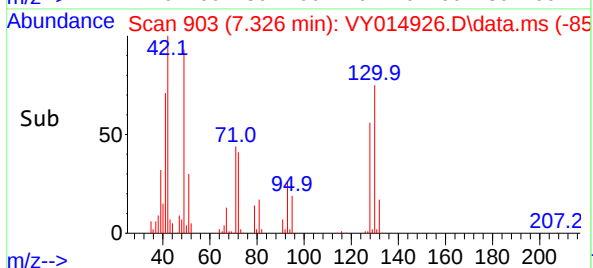
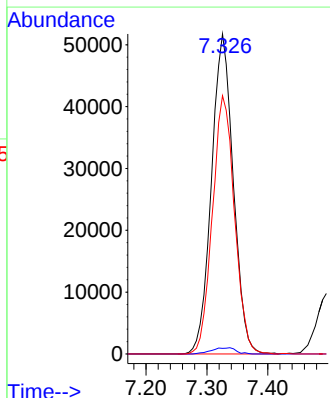
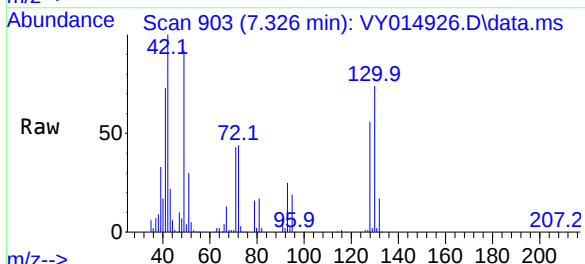
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

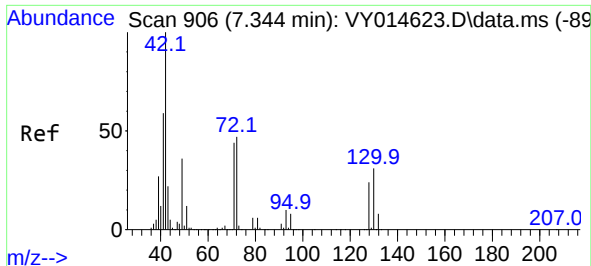
Tgt Ion: 96 Resp: 188420  
 Ion Ratio Lower Upper  
 96 100  
 61 140.9 0.0 301.4  
 98 63.6 0.0 130.4



#28  
 Bromochloromethane  
 Concen: 50.463 ug/l  
 RT: 7.326 min Scan# 903  
 Delta R.T. -0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

Tgt Ion: 49 Resp: 128657  
 Ion Ratio Lower Upper  
 49 100  
 129 2.2 0.0 4.6  
 130 81.5 60.7 91.1

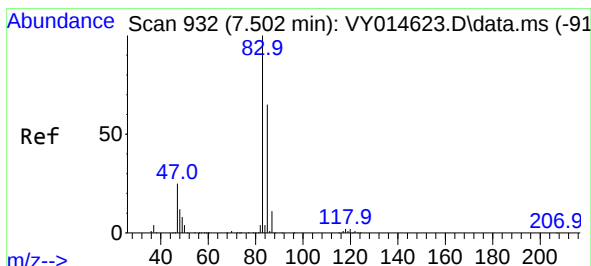
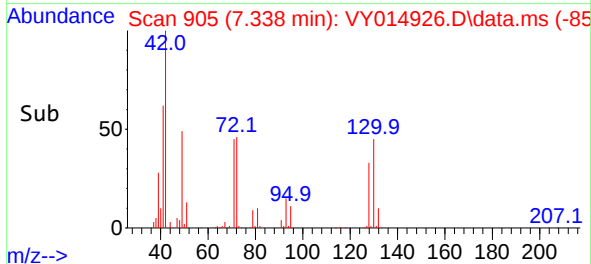
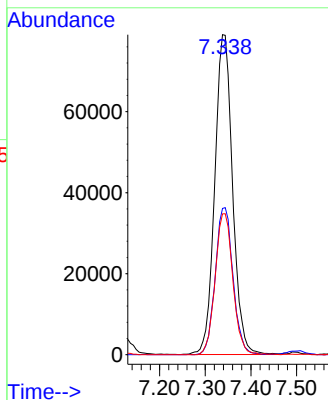
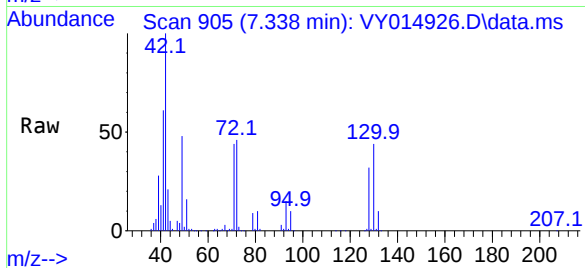




#29  
Tetrahydrofuran  
Concen: 226.324 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

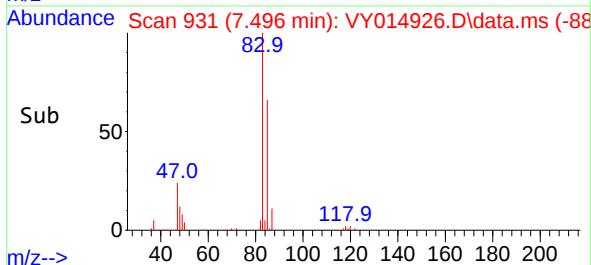
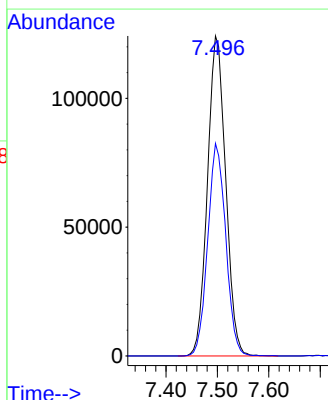
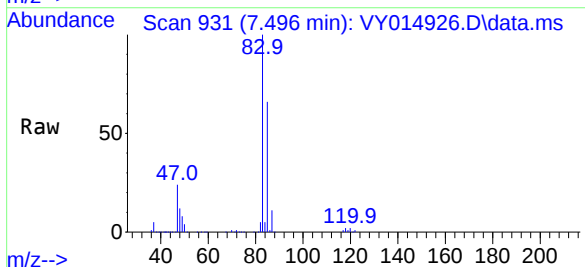
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

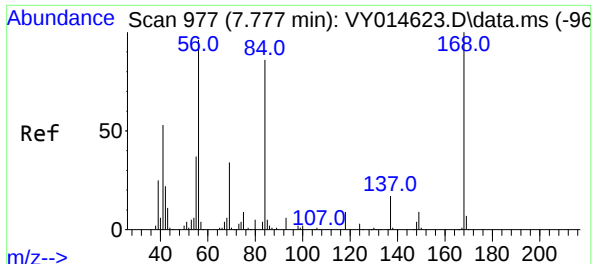
Tgt Ion: 42 Resp: 214274  
Ion Ratio Lower Upper  
42 100  
72 45.6 32.8 49.2  
71 43.9 31.0 46.4



#30  
Chloroform  
Concen: 50.073 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 83 Resp: 305672  
Ion Ratio Lower Upper  
83 100  
85 66.4 49.7 74.5

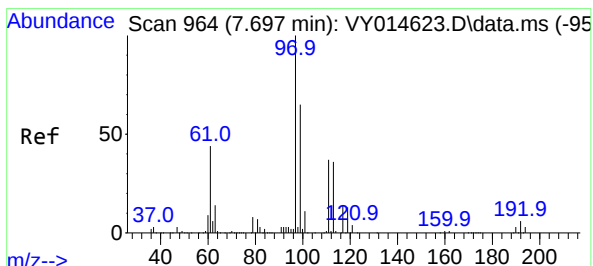
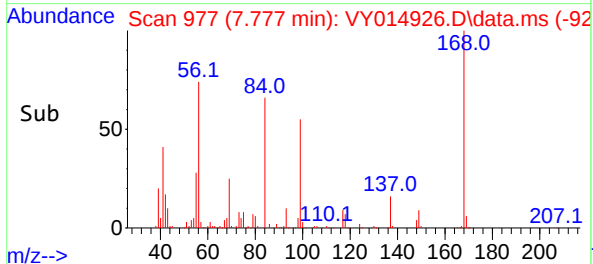
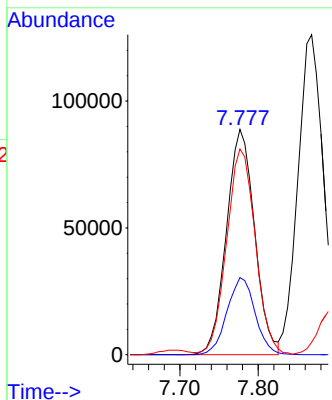
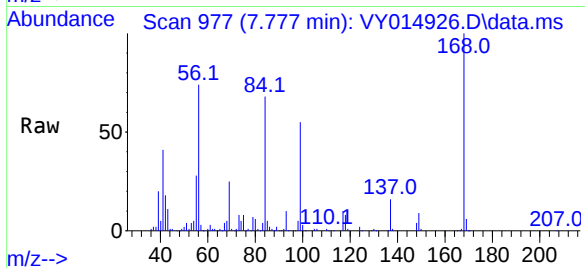




#31  
Cyclohexane  
Concen: 40.493 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

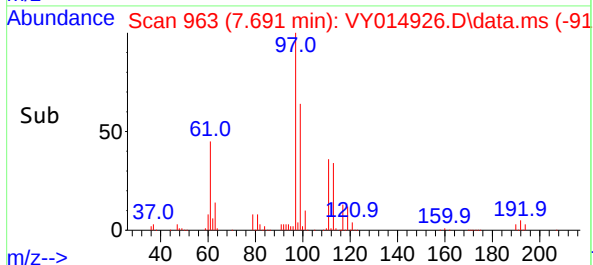
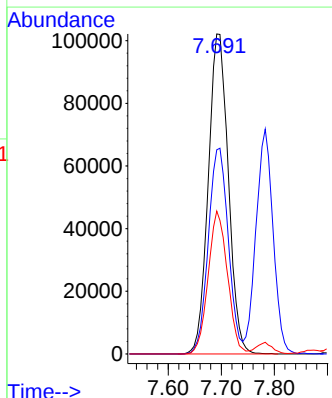
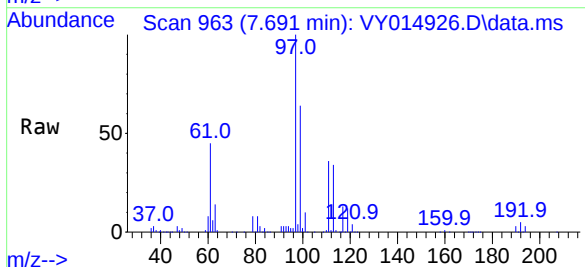
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

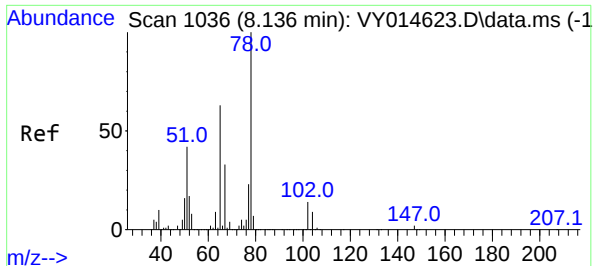
Tgt Ion: 56 Resp: 222931  
Ion Ratio Lower Upper  
56 100  
69 34.3 27.8 41.6  
84 89.3 66.4 99.6



#32  
1,1,1-Trichloroethane  
Concen: 48.801 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 97 Resp: 268121  
Ion Ratio Lower Upper  
97 100  
99 64.2 50.8 76.2  
61 43.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 54.799 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

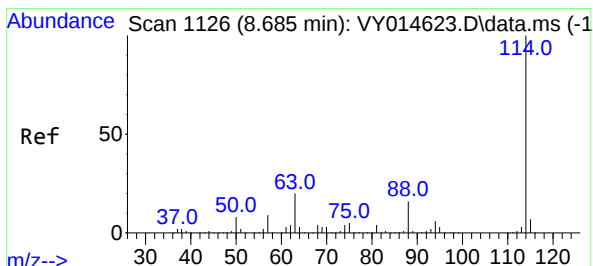
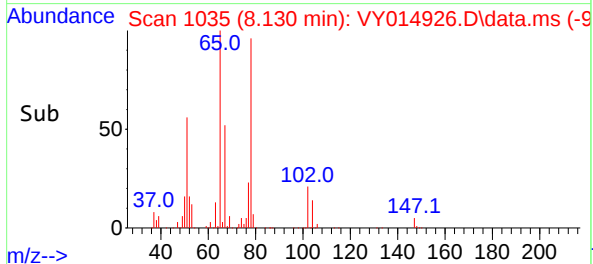
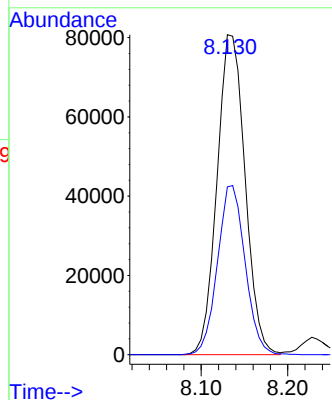
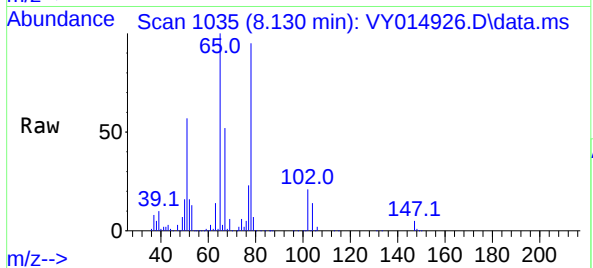
VSTDCCC050EC

Tgt Ion: 65 Resp: 181743

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

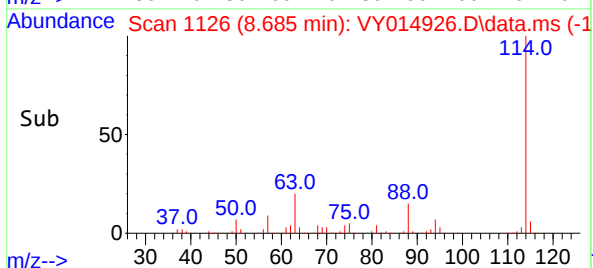
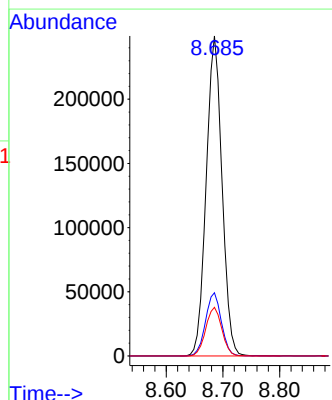
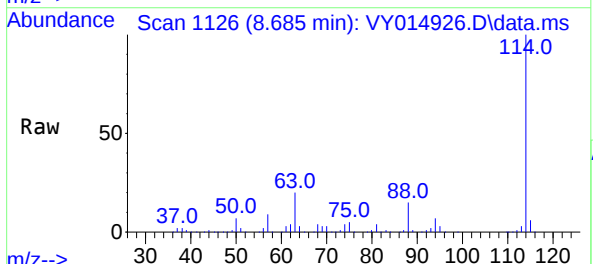
Tgt Ion: 114 Resp: 481865

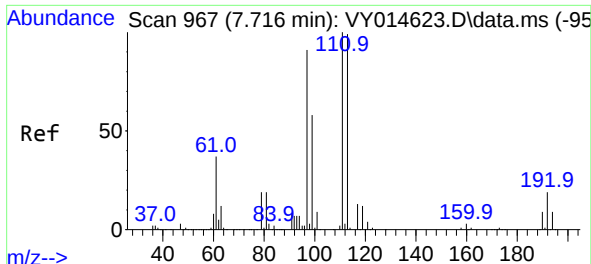
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.2 0.0 30.6

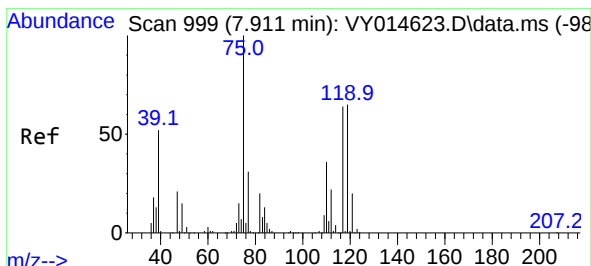
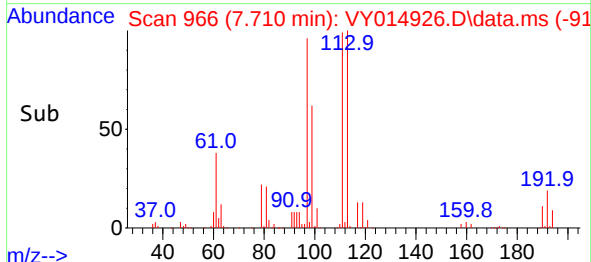
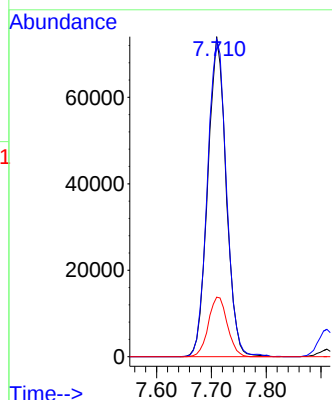
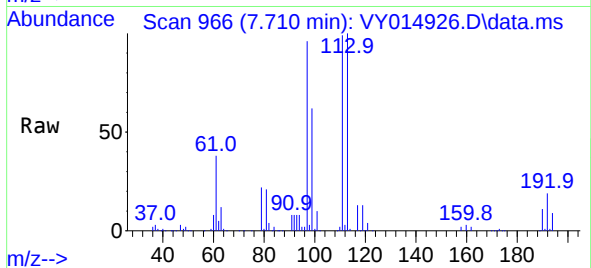




#35  
Dibromofluoromethane  
Concen: 56.028 ug/l  
RT: 7.710 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

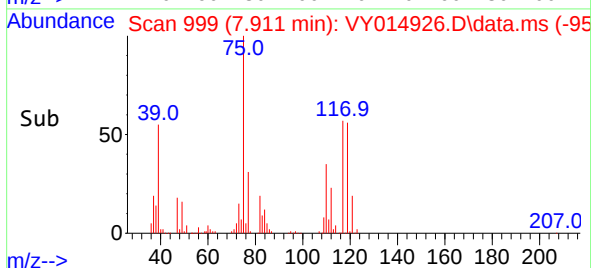
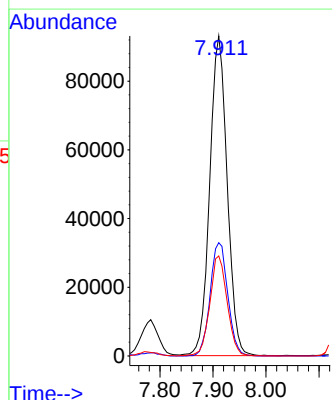
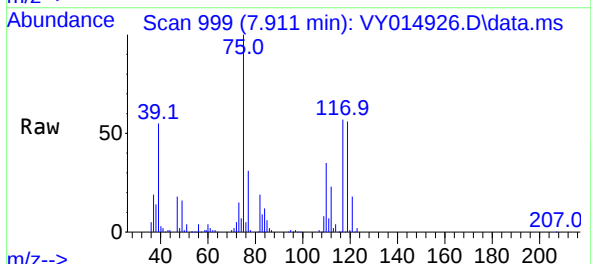
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

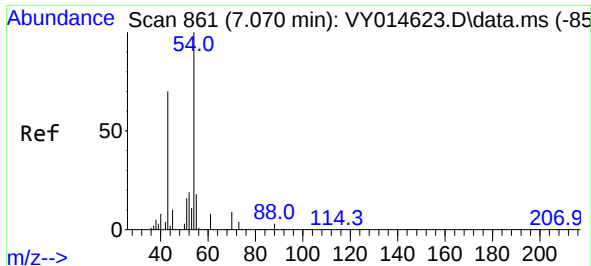
Tgt Ion:113 Resp: 171861  
Ion Ratio Lower Upper  
113 100  
111 102.4 81.3 121.9  
192 19.2 16.9 25.3



#36  
1,1-Dichloropropene  
Concen: 46.318 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 75 Resp: 212475  
Ion Ratio Lower Upper  
75 100  
110 35.9 17.8 53.5  
77 31.1 24.4 36.6

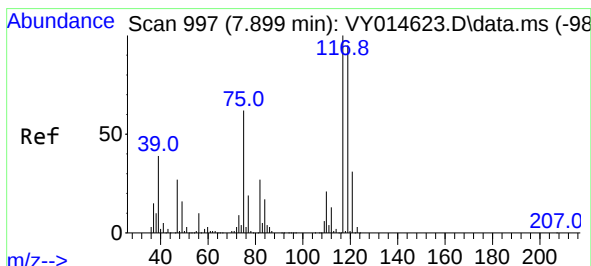
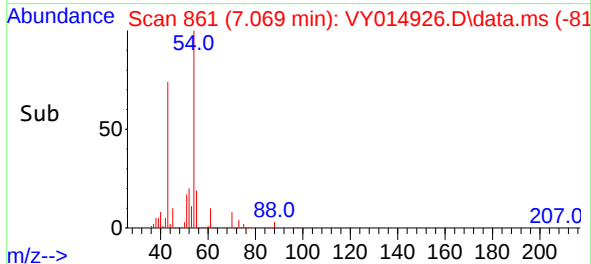
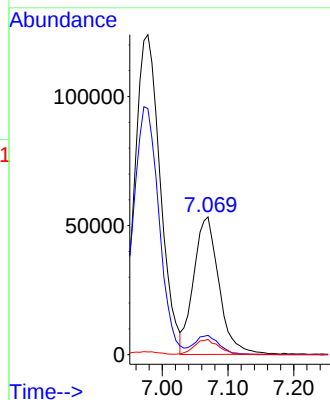
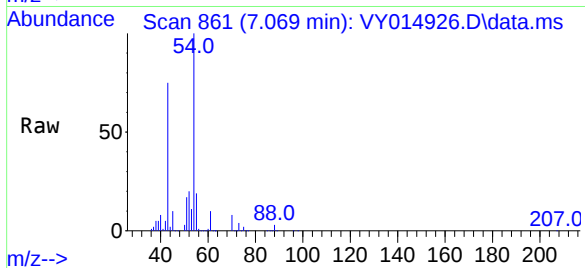




#37  
Ethyl Acetate  
Concen: 45.168 ug/l  
RT: 7.069 min Scan# 861  
Delta R.T. -0.001 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

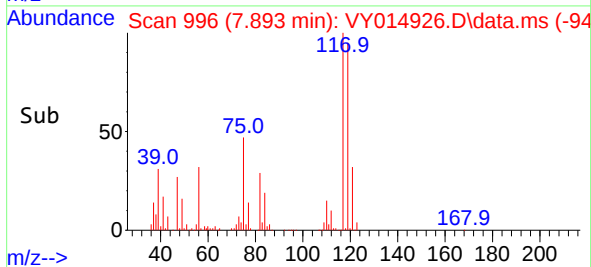
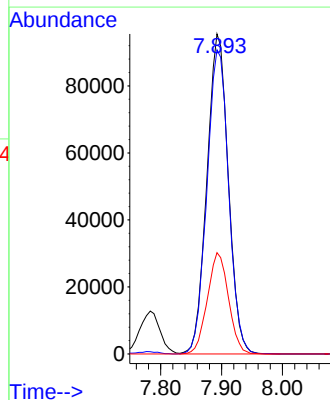
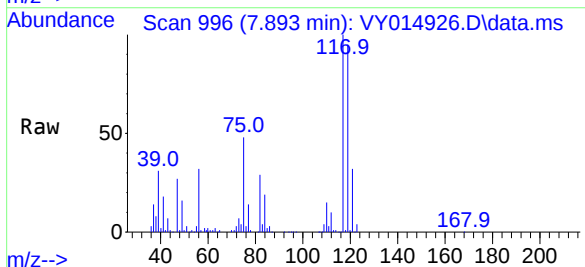
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

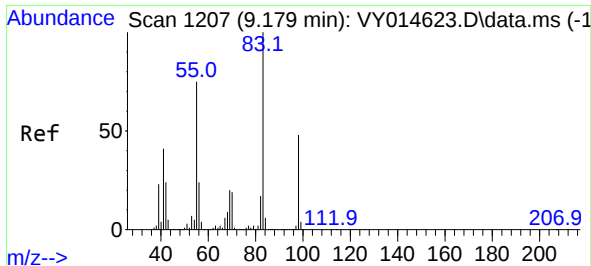
Tgt Ion: 43 Resp: 142655  
Ion Ratio Lower Upper  
43 100  
61 14.1 10.1 15.1  
70 10.8 7.1 10.7#



#38  
Carbon Tetrachloride  
Concen: 48.059 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 117 Resp: 233042  
Ion Ratio Lower Upper  
117 100  
119 95.0 76.4 114.6  
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 42.953 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

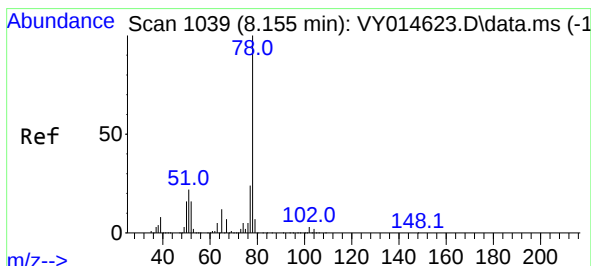
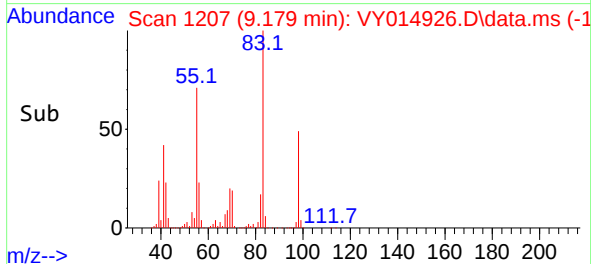
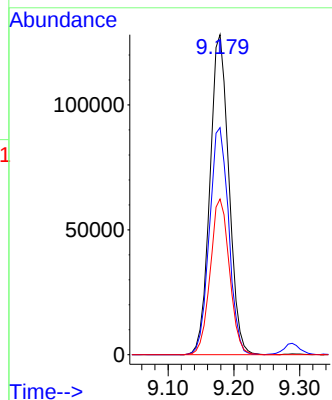
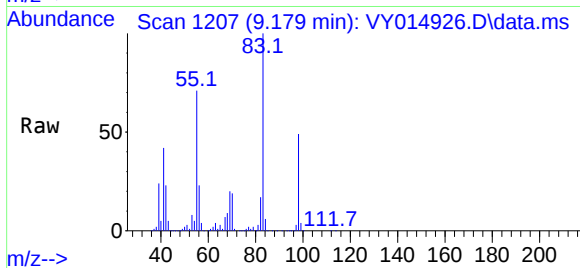
Tgt Ion: 83 Resp: 256702

Ion Ratio Lower Upper

83 100

55 70.9 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 48.228 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY014926.D

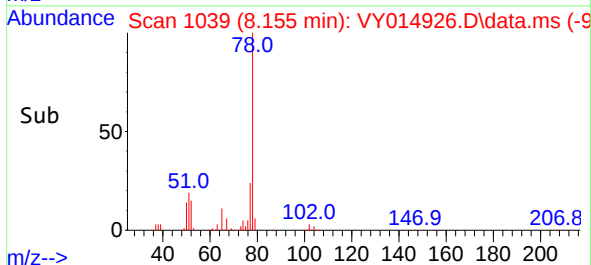
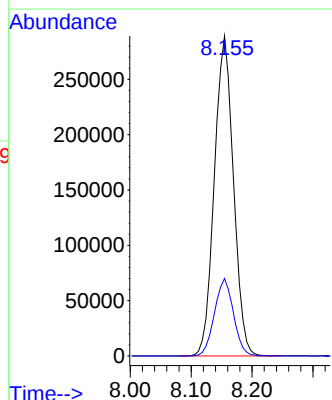
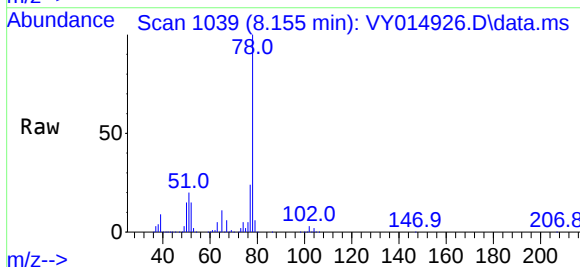
Acq: 01 Aug 2023 16:13

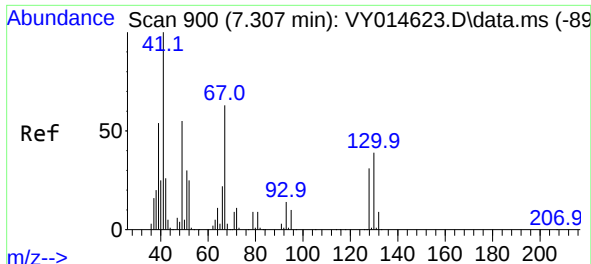
Tgt Ion: 78 Resp: 629198

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6



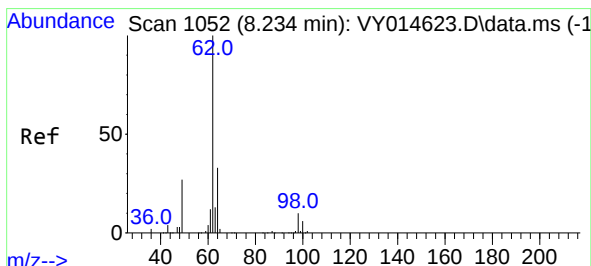
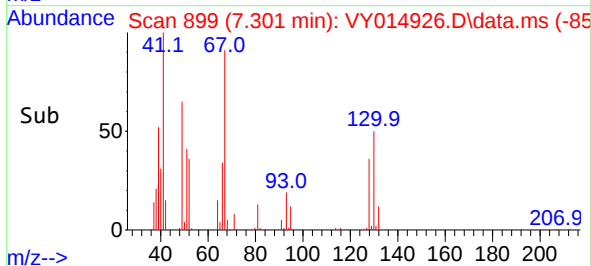
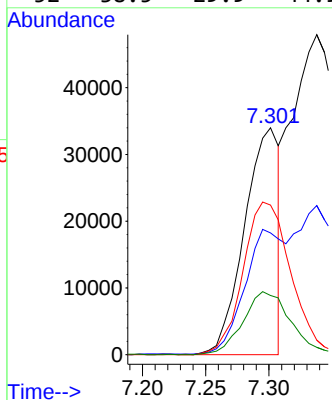
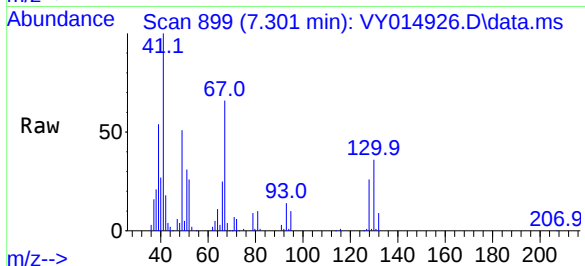


#41  
Methacrylonitrile  
Concen: 40.109 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 41 Resp: 65158

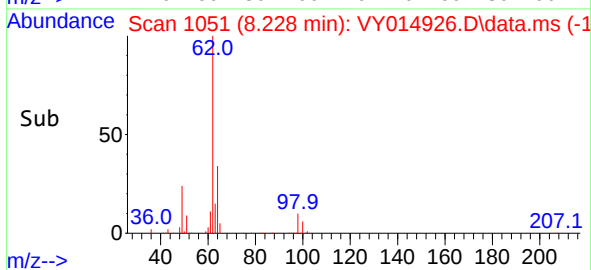
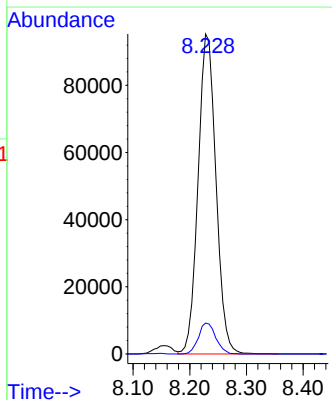
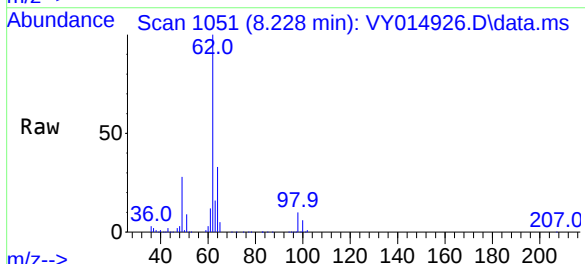
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 63.6  | 52.1  | 78.1  |
| 67  | 92.9  | 66.2  | 99.2  |
| 52  | 38.5  | 29.9  | 44.9  |

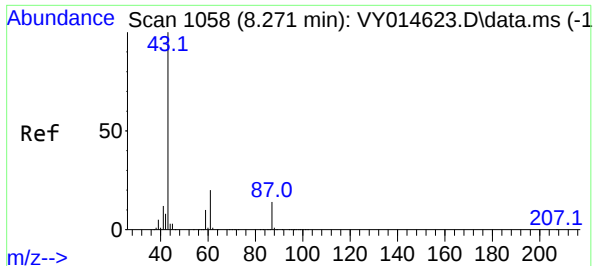


#42  
1,2-Dichloroethane  
Concen: 50.582 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 62 Resp: 208978

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.4   | 0.0   | 15.8  |

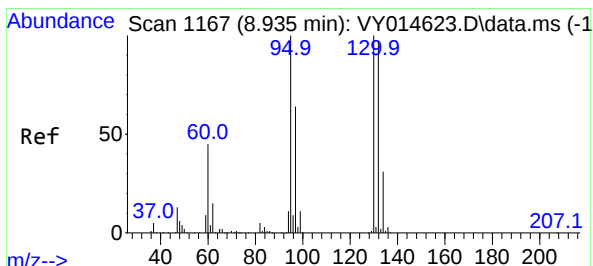
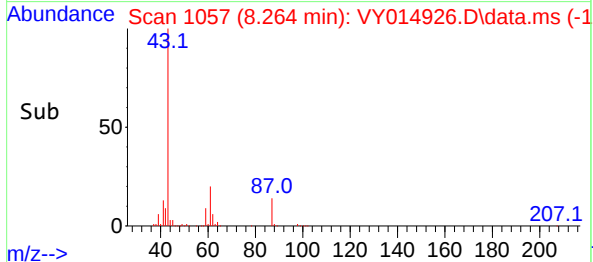
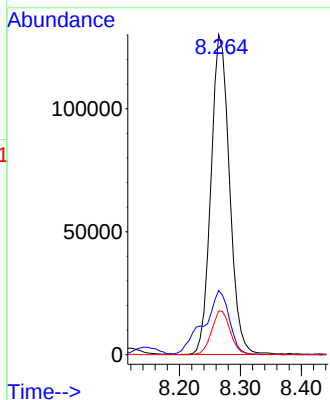
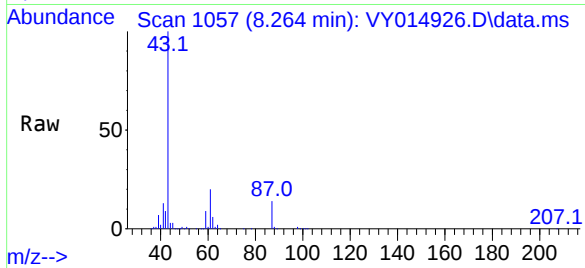




#43  
Isopropyl Acetate  
Concen: 45.693 ug/l  
RT: 8.264 min Scan# 1057  
Delta R.T. -0.007 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

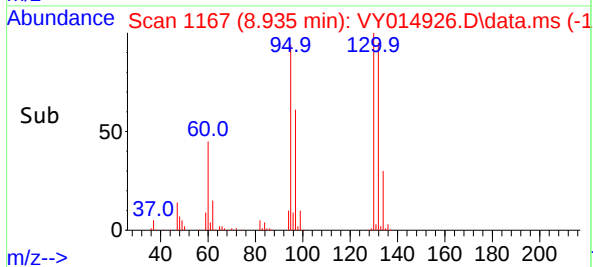
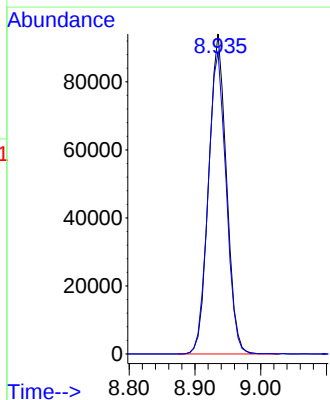
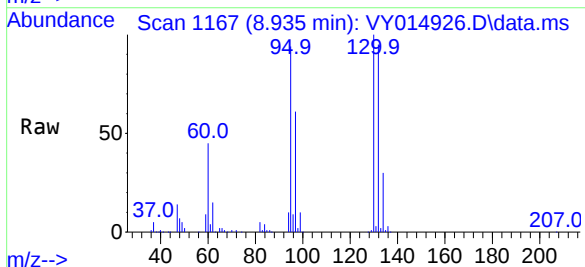
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

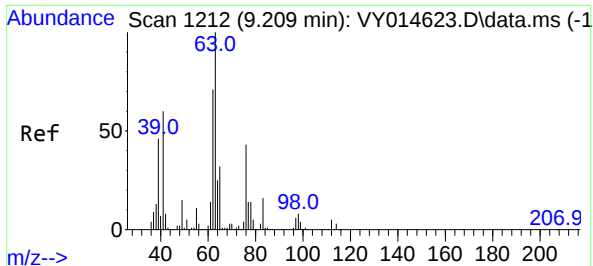
Tgt Ion: 43 Resp: 274902  
Ion Ratio Lower Upper  
43 100  
61 27.7 21.1 31.7  
87 13.8 9.8 14.8



#44  
Trichloroethene  
Concen: 48.323 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:130 Resp: 176393  
Ion Ratio Lower Upper  
130 100  
95 94.4 0.0 196.0

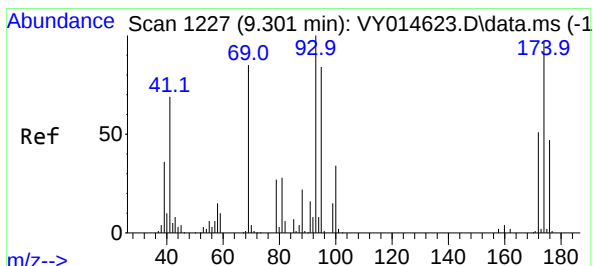
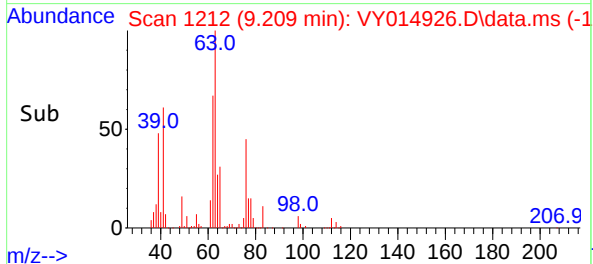
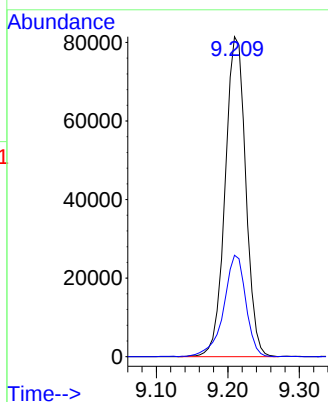
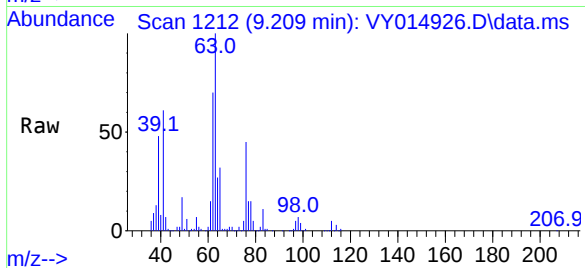




#45  
1,2-Dichloropropane  
Concen: 47.853 ug/l  
RT: 9.209 min Scan# 1212  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

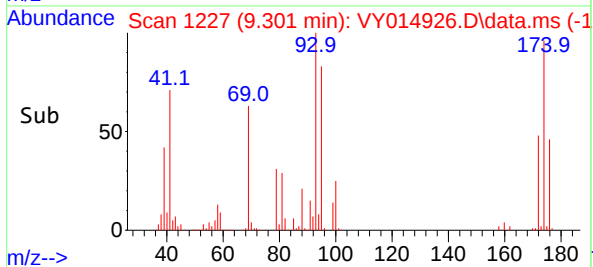
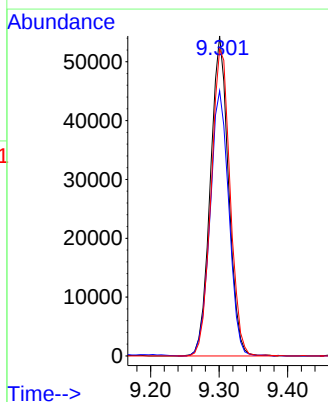
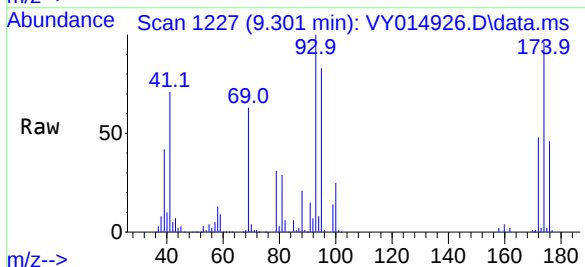
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

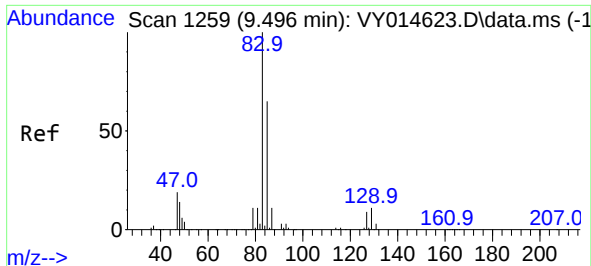
Tgt Ion: 63 Resp: 163020  
Ion Ratio Lower Upper  
63 100  
65 31.7 23.8 35.6



#46  
Dibromomethane  
Concen: 48.342 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 93 Resp: 99908  
Ion Ratio Lower Upper  
93 100  
95 85.5 66.6 100.0  
174 99.9 84.8 127.2

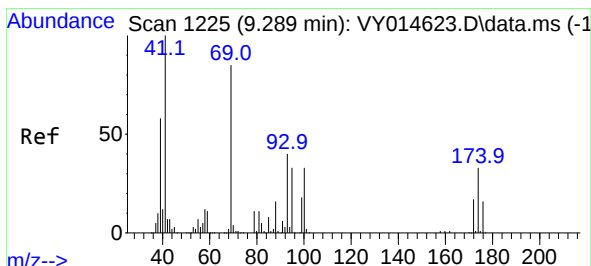
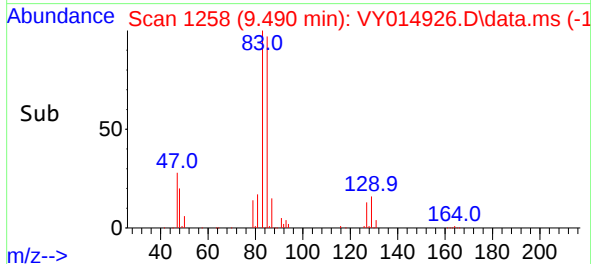
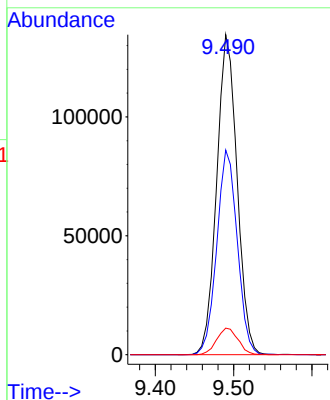
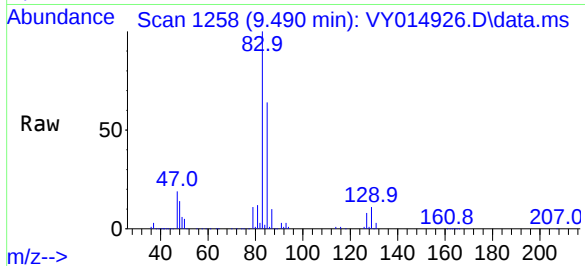




#47  
Bromodichloromethane  
Concen: 50.026 ug/l  
RT: 9.490 min Scan# 1259  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

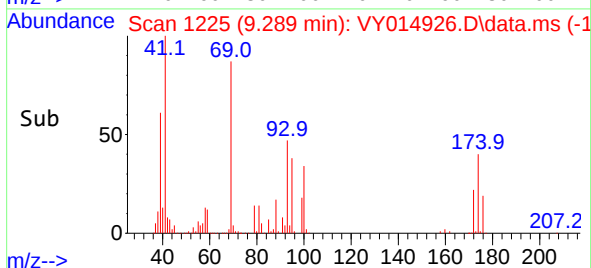
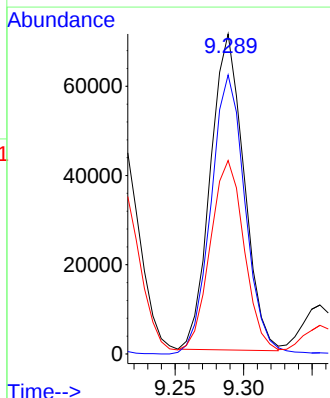
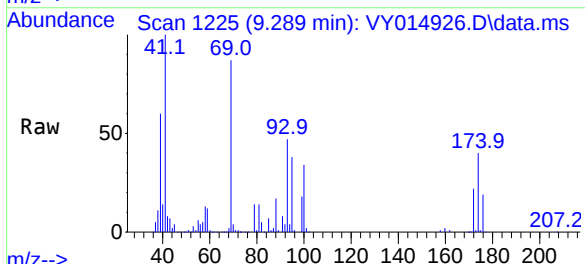
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

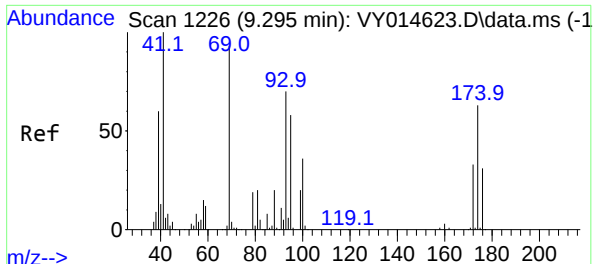
Tgt Ion: 83 Resp: 243676  
Ion Ratio Lower Upper  
83 100  
85 63.9 50.1 75.1  
127 8.3 7.1 10.7



#48  
Methyl methacrylate  
Concen: 44.513 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 41 Resp: 120503  
Ion Ratio Lower Upper  
41 100  
69 90.9 64.5 96.7  
39 63.1 50.8 76.2

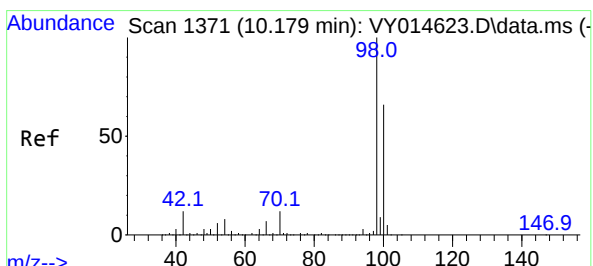
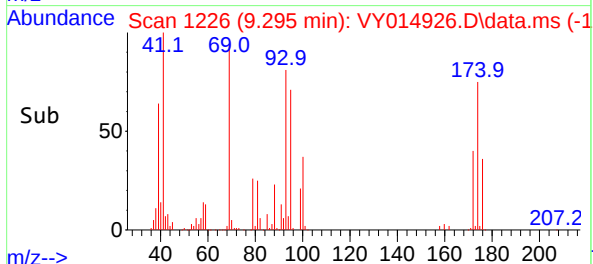
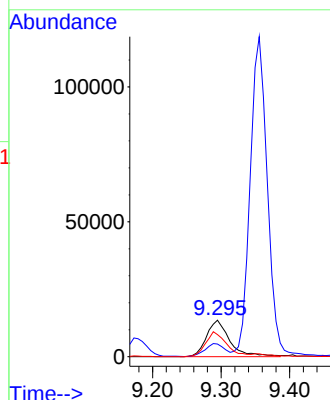
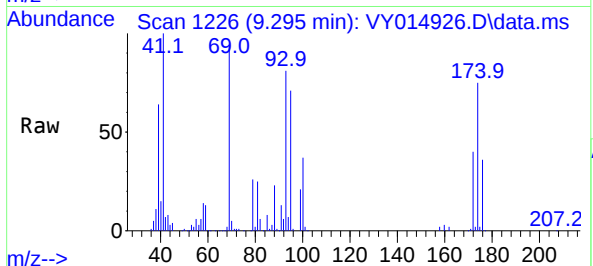




#49  
1,4-Dioxane  
Concen: 944.655 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

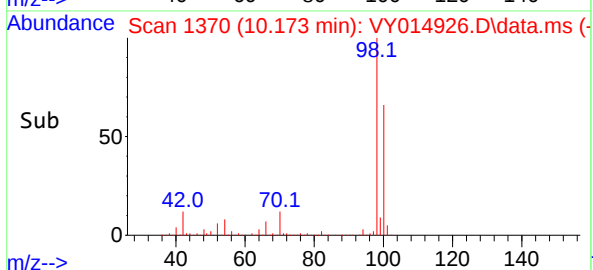
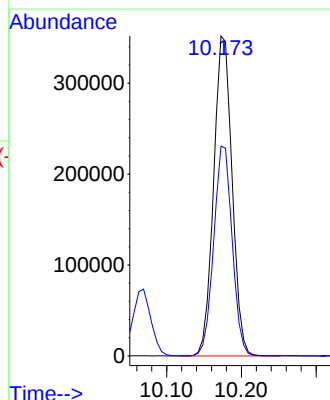
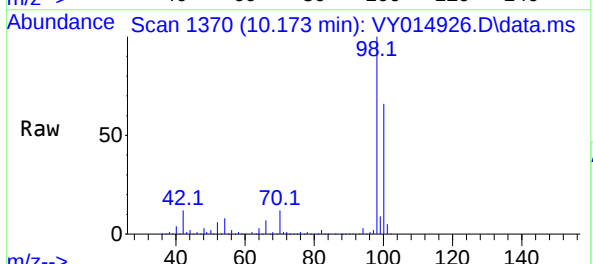
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

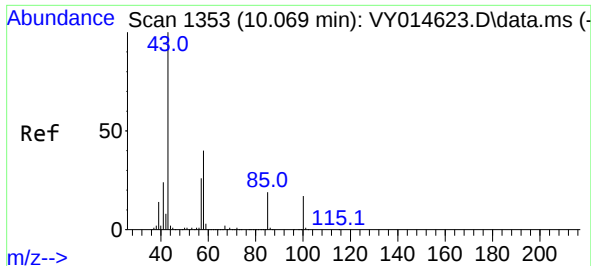
Tgt Ion: 88 Resp: 31834  
Ion Ratio Lower Upper  
88 100  
43 29.8 0.0 0.0#  
58 62.4 30.9 46.3#



#50  
Toluene-d8  
Concen: 53.435 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 98 Resp: 604294  
Ion Ratio Lower Upper  
98 100  
100 65.5 50.1 75.1

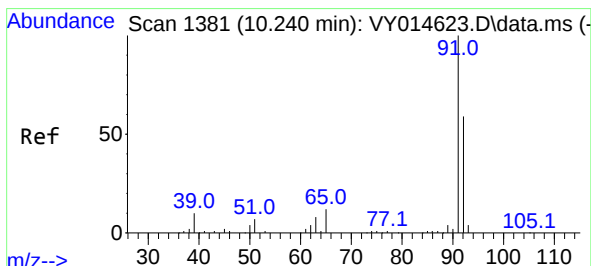
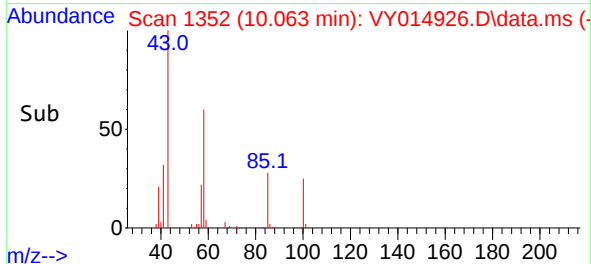
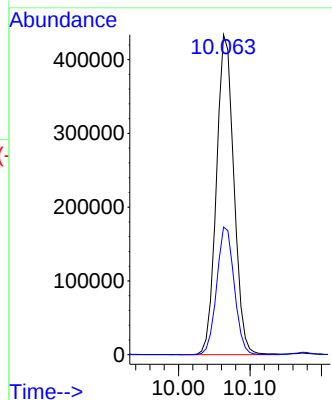
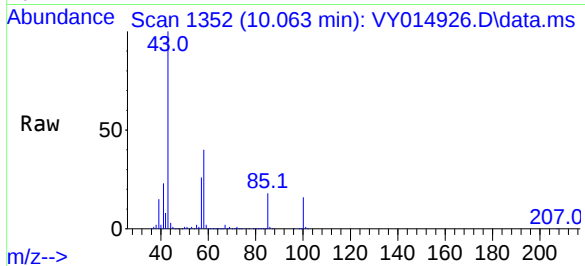




#51  
4-Methyl-2-Pentanone  
Concen: 232.605 ug/l  
RT: 10.063 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

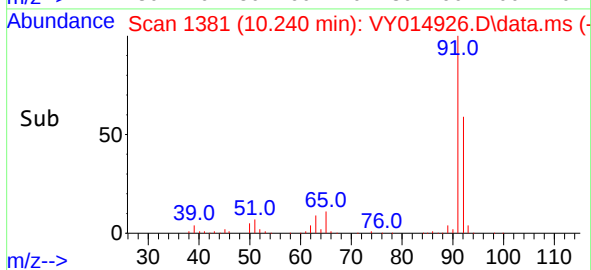
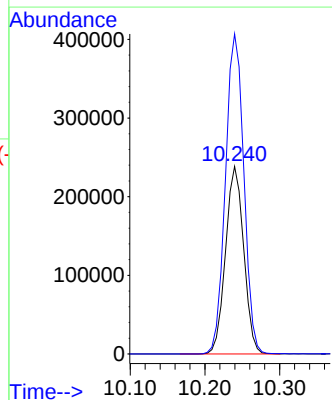
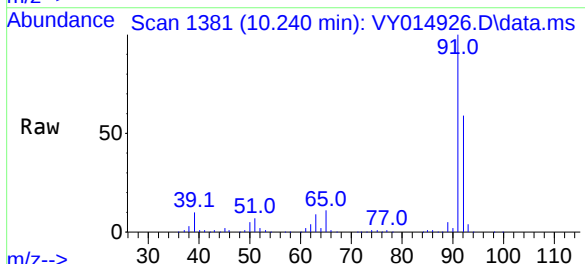
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

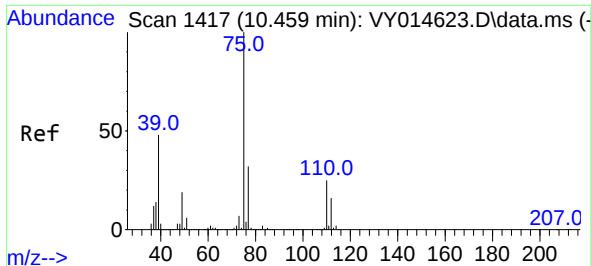
Tgt Ion: 43 Resp: 734759  
Ion Ratio Lower Upper  
43 100  
58 40.2 29.0 43.6



#52  
Toluene  
Concen: 48.329 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 92 Resp: 403468  
Ion Ratio Lower Upper  
92 100  
91 173.1 143.8 215.6

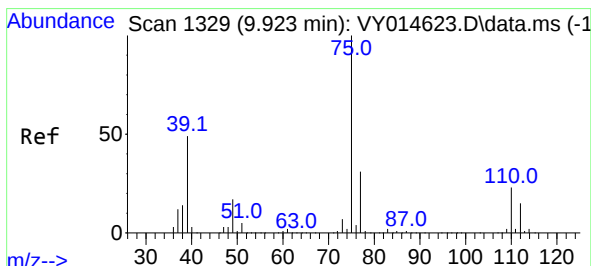
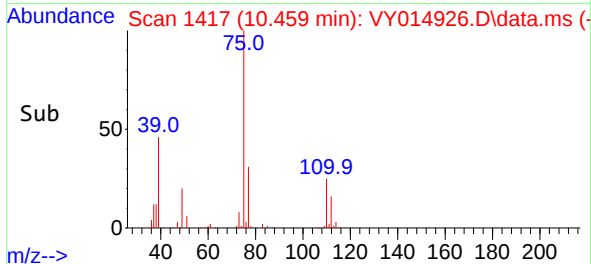
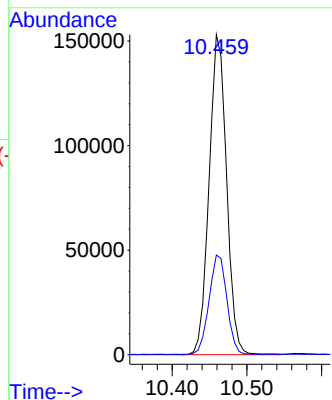
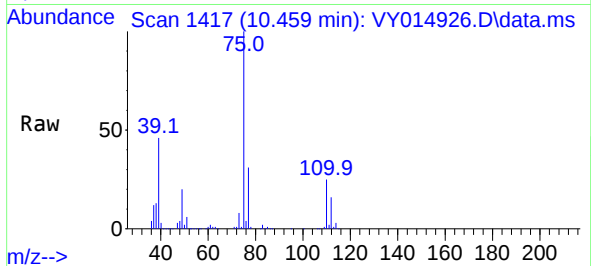




#53  
t-1,3-Dichloropropene  
Concen: 46.687 ug/l  
RT: 10.459 min Scan# 1417  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

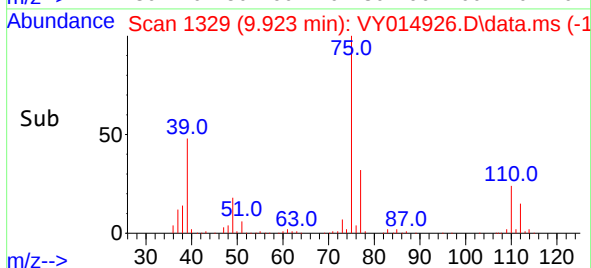
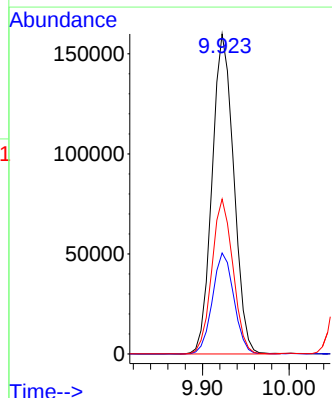
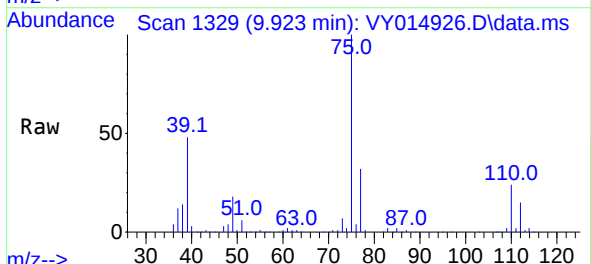
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

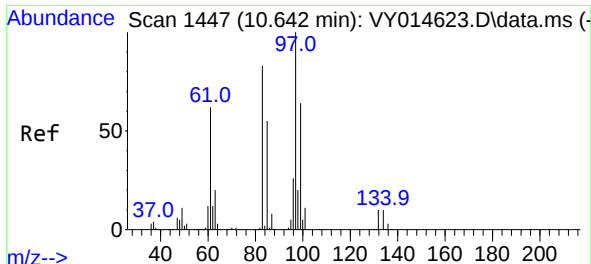
Tgt Ion: 75 Resp: 248751  
Ion Ratio Lower Upper  
75 100  
77 31.1 25.0 37.4



#54  
cis-1,3-Dichloropropene  
Concen: 47.924 ug/l  
RT: 9.923 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 75 Resp: 277677  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.2 36.4  
39 48.4 42.2 63.4



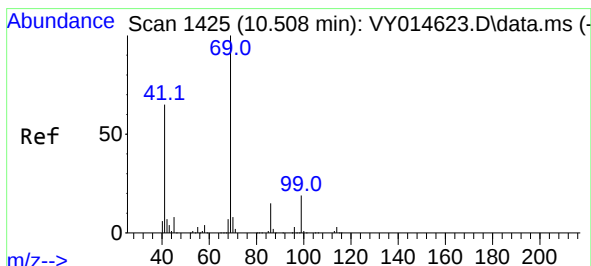
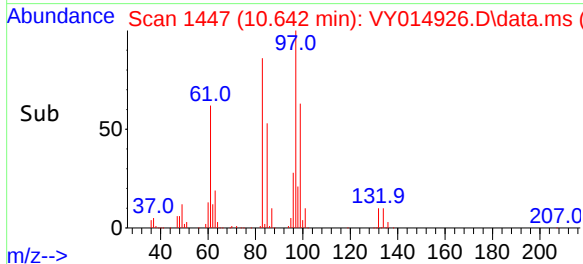
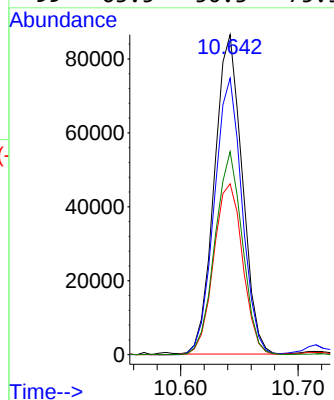
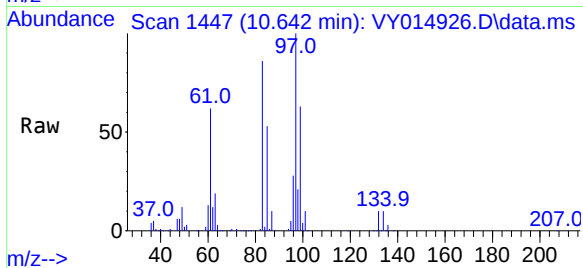


#55  
1,1,2-Trichloroethane  
Concen: 49.309 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 97 Resp: 141952

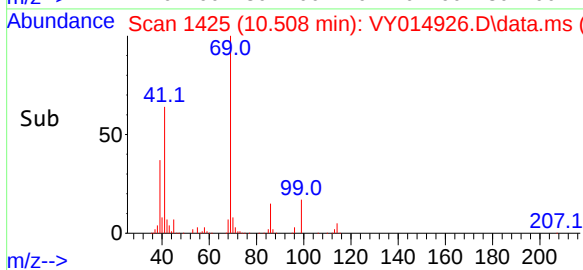
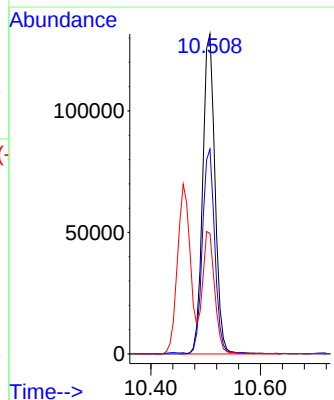
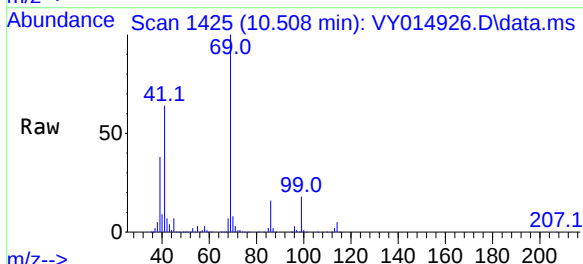
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 86.6  | 72.0  | 108.0 |
| 85  | 53.4  | 45.4  | 68.0  |
| 99  | 63.5  | 50.3  | 75.5  |

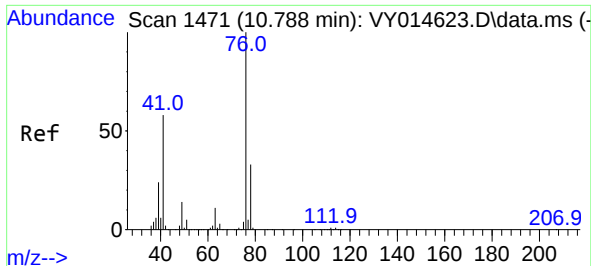


#56  
Ethyl methacrylate  
Concen: 46.695 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 69 Resp: 205247

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 64.0  | 57.6  | 86.4  |
| 39  | 37.5  | 34.1  | 51.1  |





#57

1,3-Dichloropropane

Concen: 48.930 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

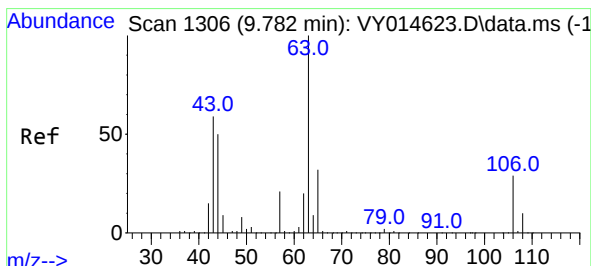
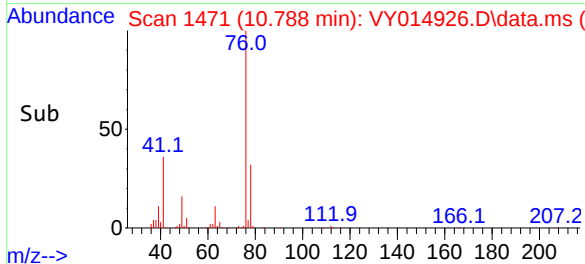
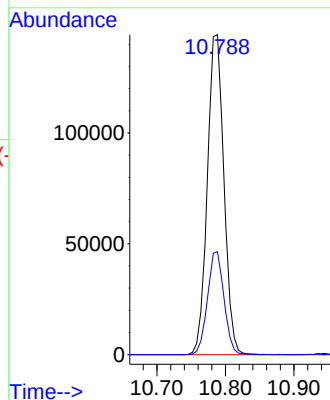
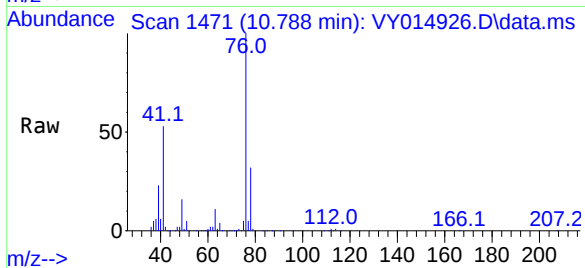
VSTDCCC050EC

Tgt Ion: 76 Resp: 242955

Ion Ratio Lower Upper

76 100

78 32.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 240.944 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY014926.D

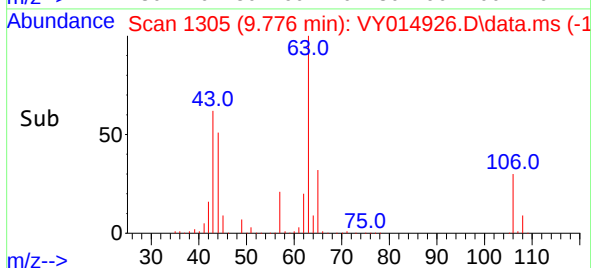
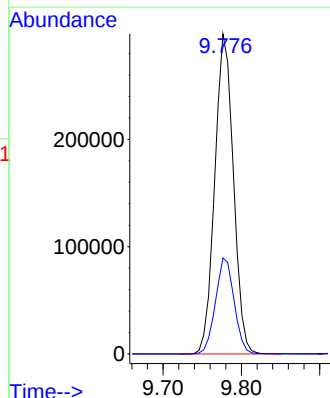
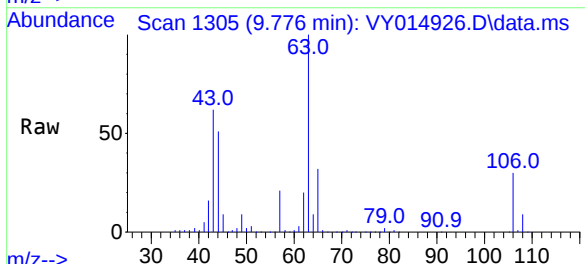
Acq: 01 Aug 2023 16:13

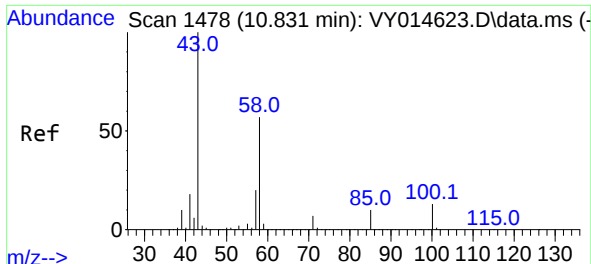
Tgt Ion: 63 Resp: 493463

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

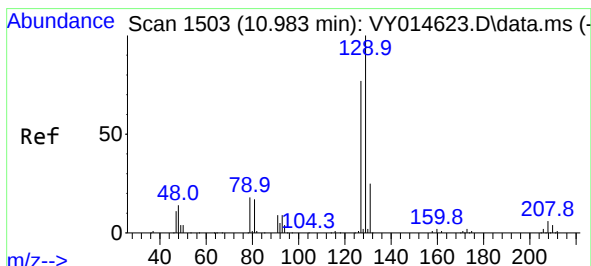
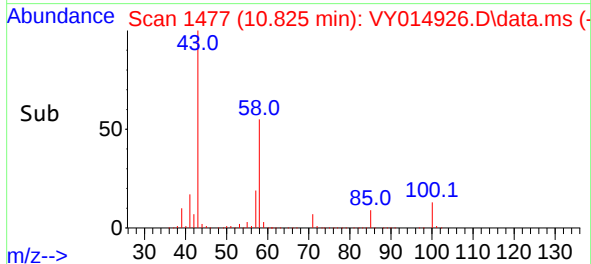
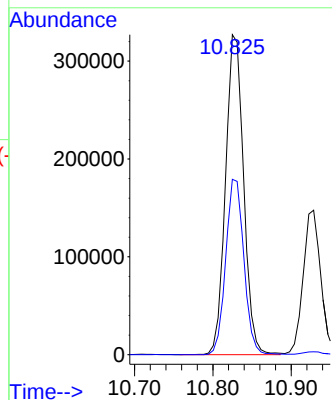
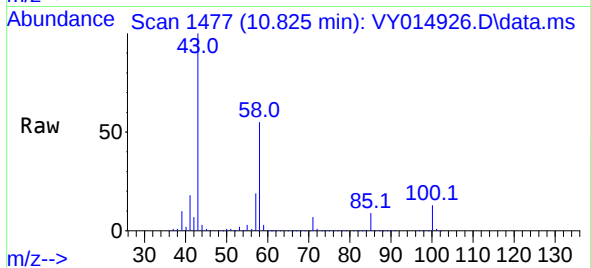




#59  
2-Hexanone  
Concen: 228.231 ug/l  
RT: 10.825 min Scan# 1478  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

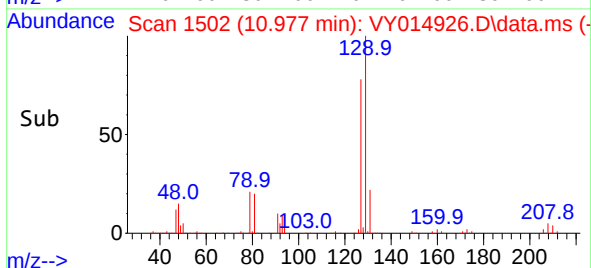
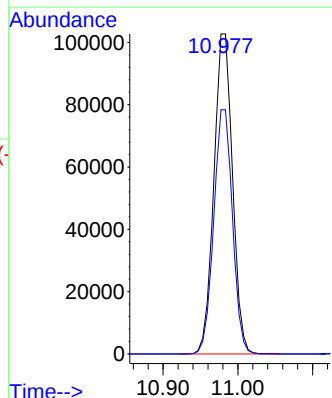
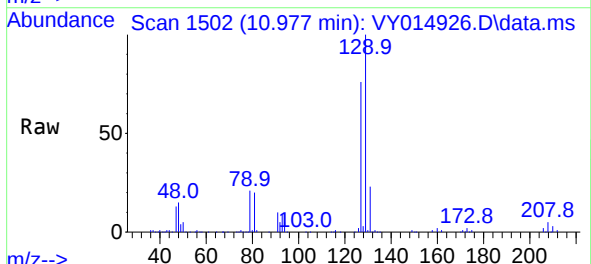
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

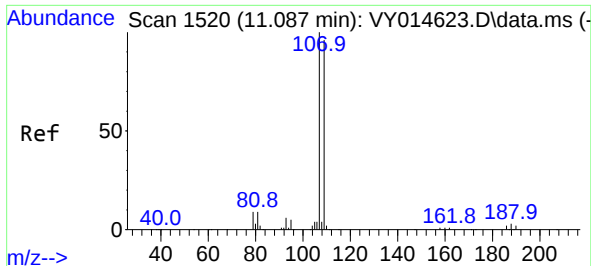
Tgt Ion: 43 Resp: 525750  
Ion Ratio Lower Upper  
43 100  
58 55.1 25.1 75.3



#60  
Dibromochloromethane  
Concen: 50.428 ug/l  
RT: 10.977 min Scan# 1502  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 129 Resp: 177991  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.5 115.5

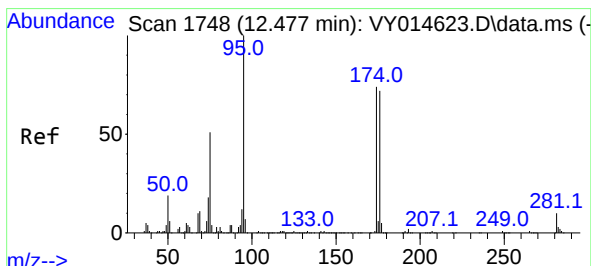
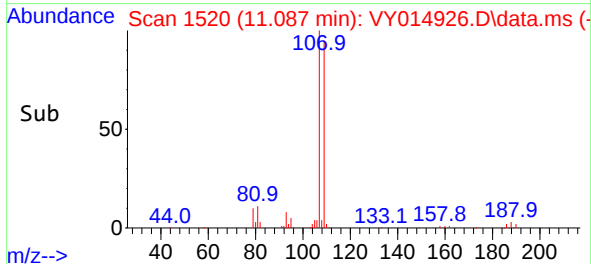
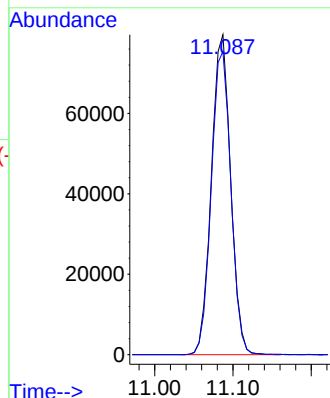
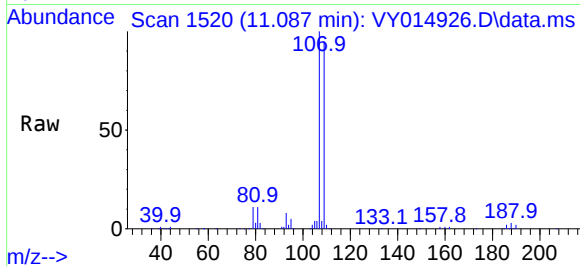




#61  
1,2-Dibromoethane  
Concen: 47.423 ug/l  
RT: 11.087 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

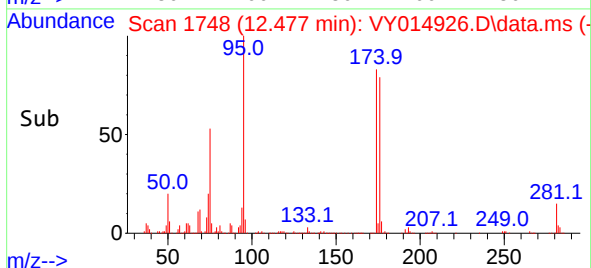
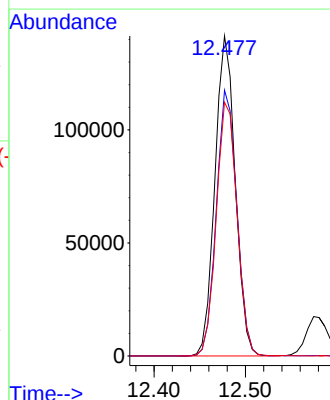
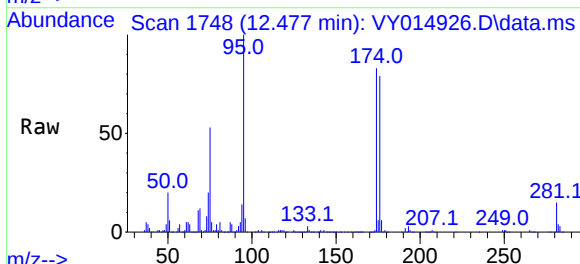
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

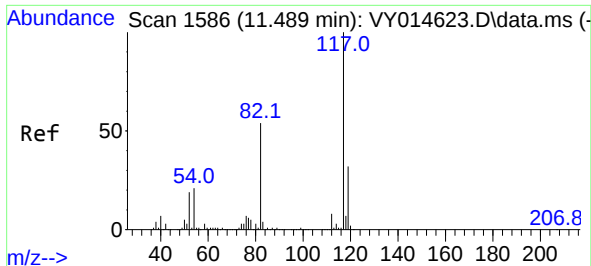
Tgt Ion:107 Resp: 136193  
Ion Ratio Lower Upper  
107 100  
109 95.9 75.6 113.4



#62  
4-Bromofluorobenzene  
Concen: 50.371 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 95 Resp: 218422  
Ion Ratio Lower Upper  
95 100  
174 83.8 0.0 178.2  
176 81.4 0.0 173.8

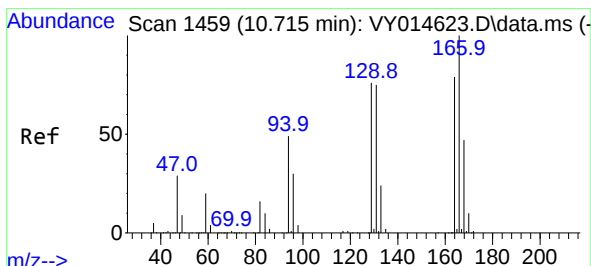
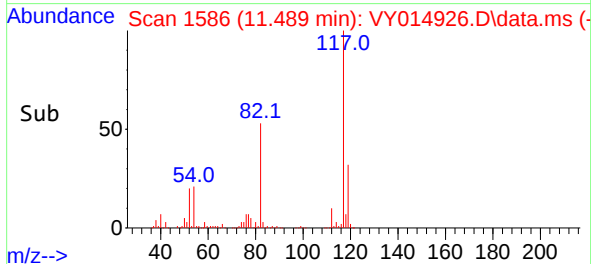
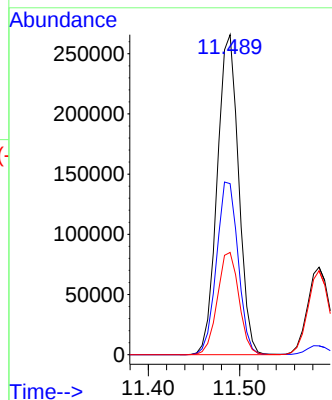
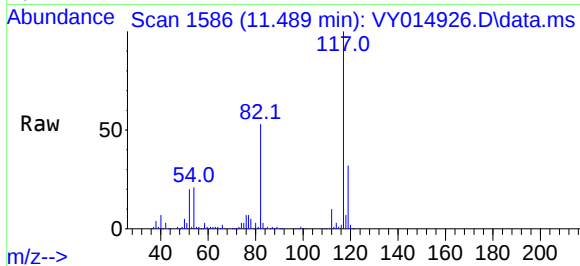




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.489 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

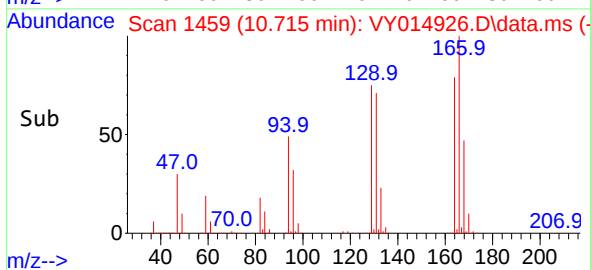
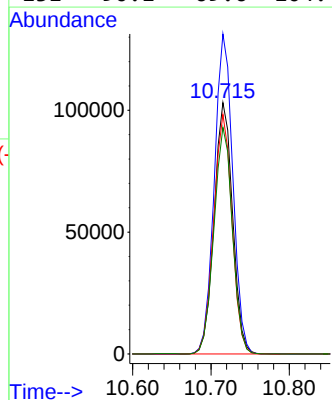
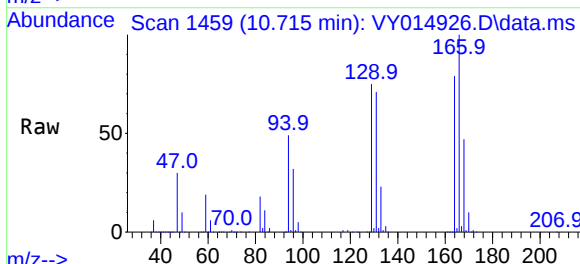
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

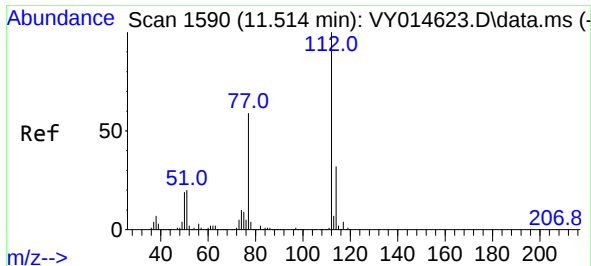
Tgt Ion:117 Resp: 432515  
Ion Ratio Lower Upper  
117 100  
82 53.4 43.4 65.0  
119 31.9 26.3 39.5



#64  
Tetrachloroethene  
Concen: 48.734 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:164 Resp: 169524  
Ion Ratio Lower Upper  
164 100  
166 127.3 103.0 154.6  
129 95.3 77.2 115.8  
131 90.1 69.6 104.4

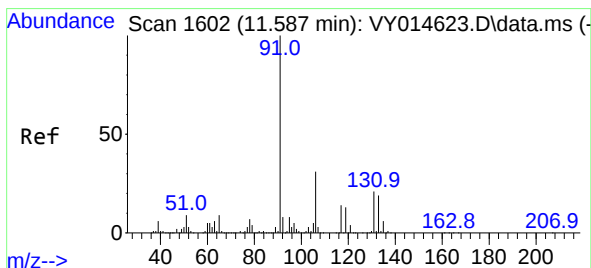
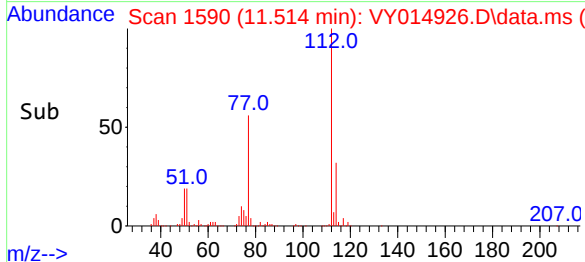
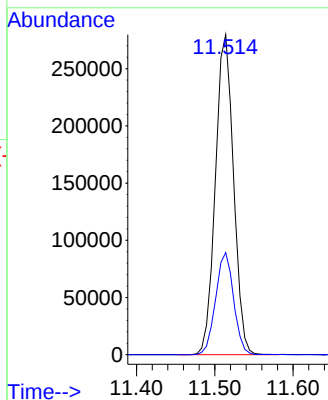
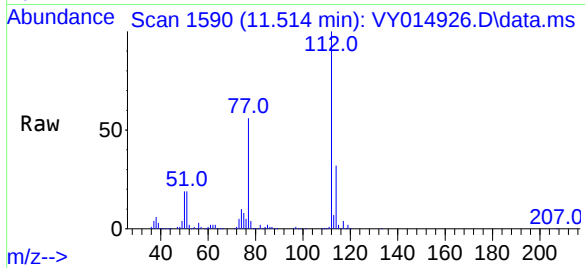




#65  
Chlorobenzene  
Concen: 48.915 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

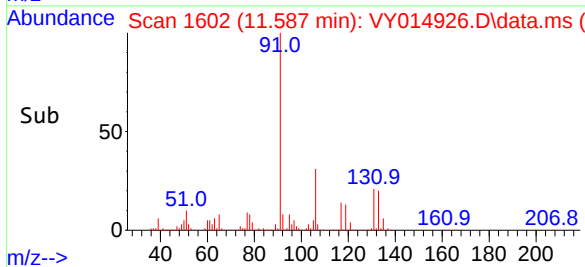
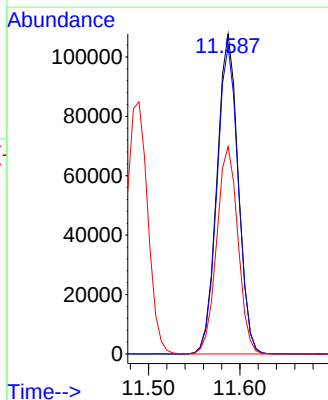
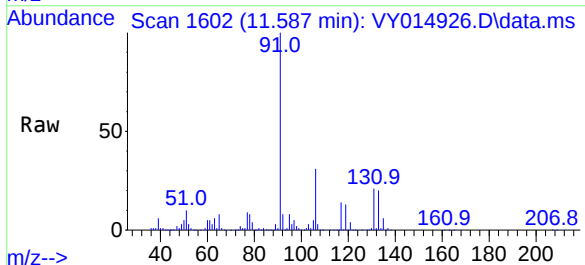
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

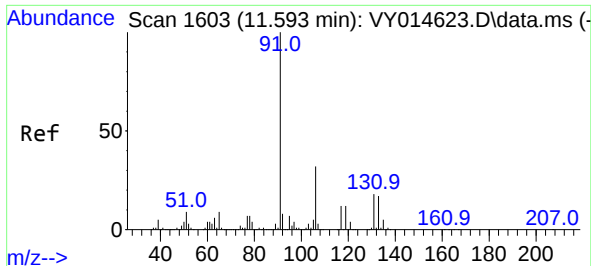
Tgt Ion:112 Resp: 450839  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.5 38.3



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.007 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:131 Resp: 173782  
Ion Ratio Lower Upper  
131 100  
133 96.7 47.5 142.6  
119 64.9 31.6 94.7





#67

Ethyl Benzene

Concen: 48.200 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

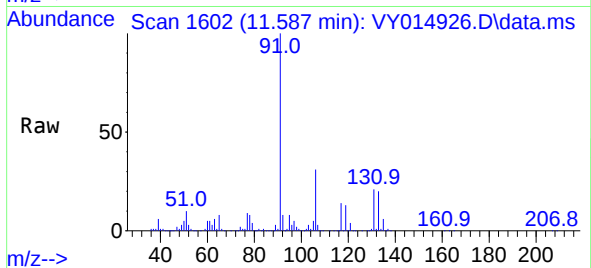
VSTDCCC050EC

Tgt Ion: 91 Resp: 802087

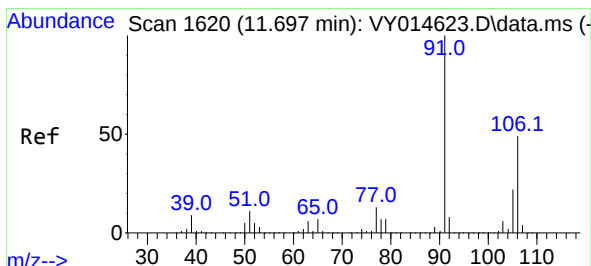
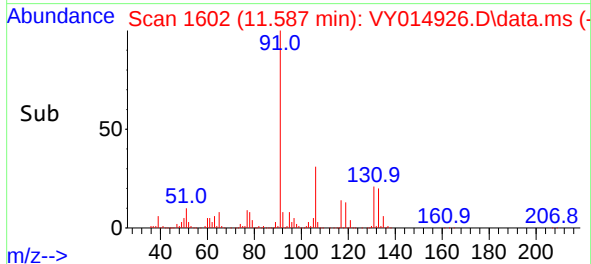
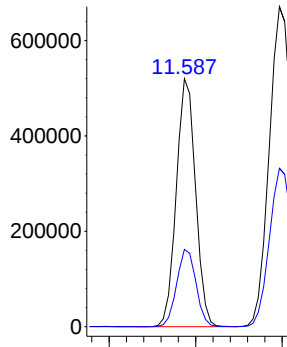
Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 96.747 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY014926.D

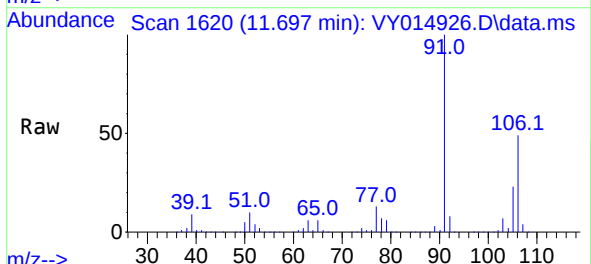
Acq: 01 Aug 2023 16:13

Tgt Ion:106 Resp: 614565

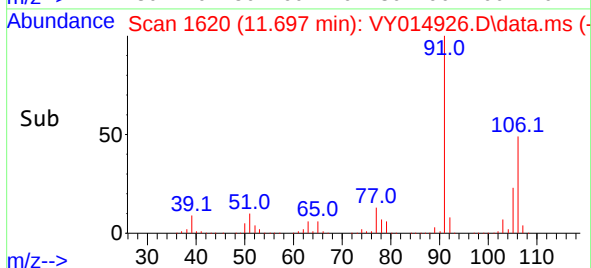
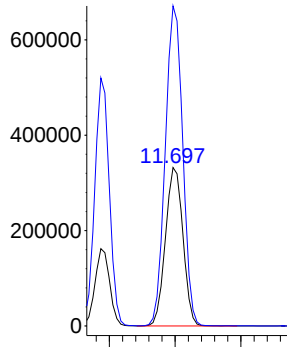
Ion Ratio Lower Upper

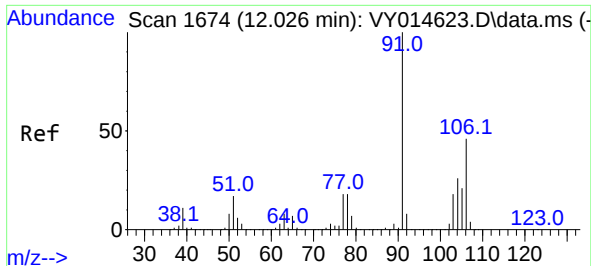
106 100

91 201.1 166.1 249.1



Abundance

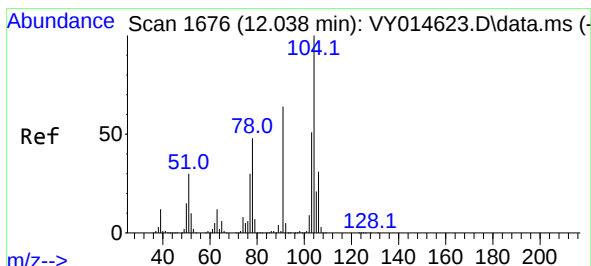
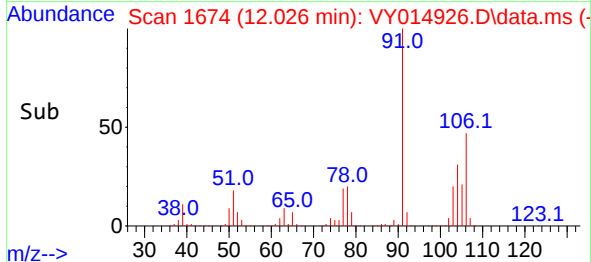
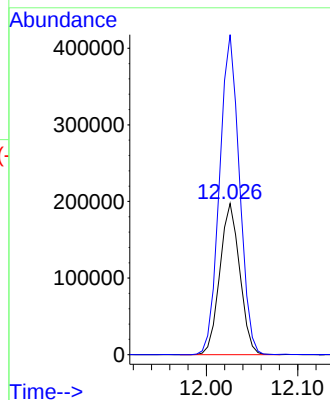
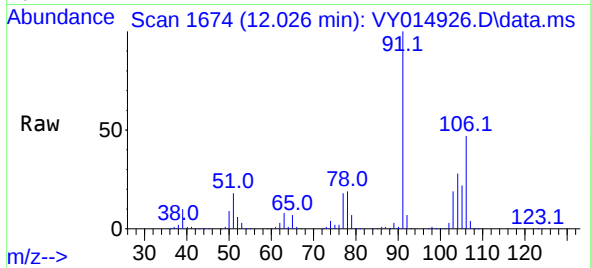




#69  
o-Xylene  
Concen: 48.311 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

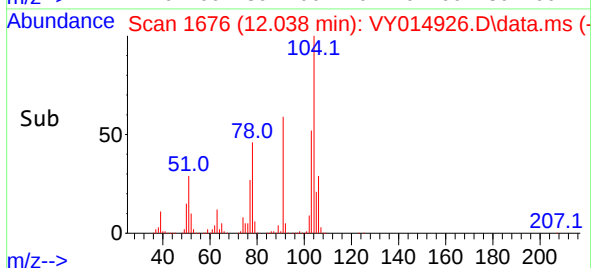
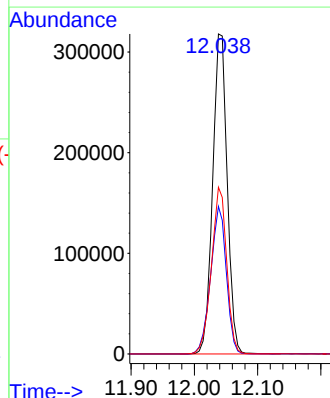
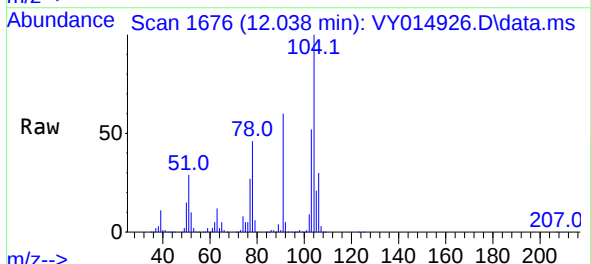
Instrument : MSVOA\_Y  
ClientSampleId : VSTDCCC050EC

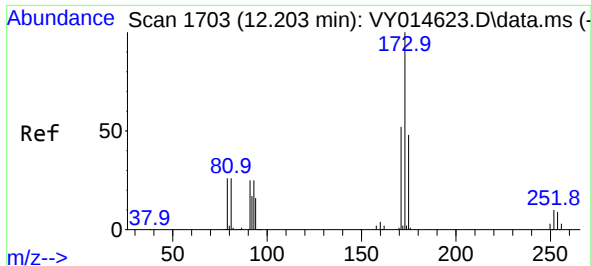
Tgt Ion:106 Resp: 298906  
Ion Ratio Lower Upper  
106 100  
91 211.9 108.1 324.3



#70  
Styrene  
Concen: 48.760 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:104 Resp: 508468  
Ion Ratio Lower Upper  
104 100  
78 49.6 41.5 62.3  
103 54.8 44.6 67.0

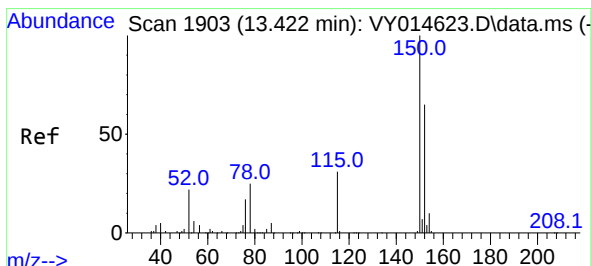
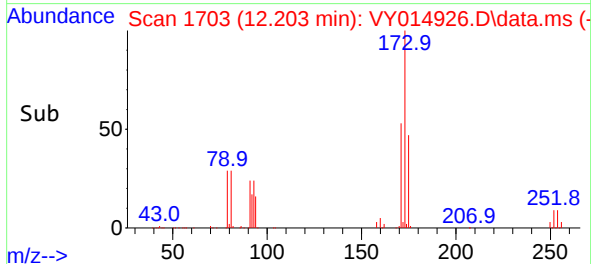
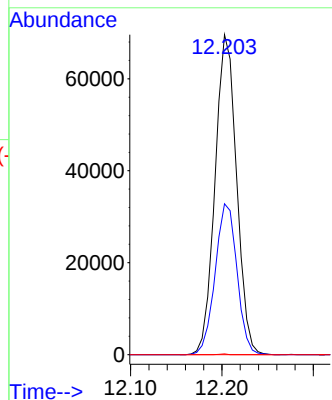
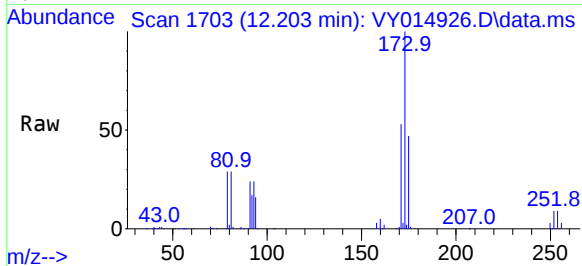




#71  
Bromoform  
Concen: 48.352 ug/l  
RT: 12.203 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

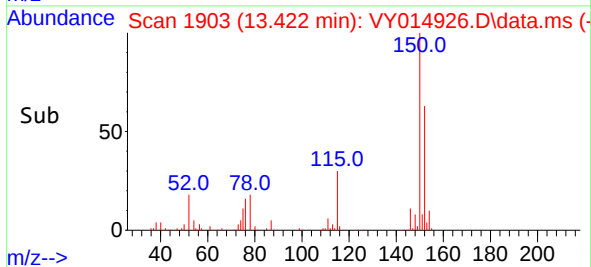
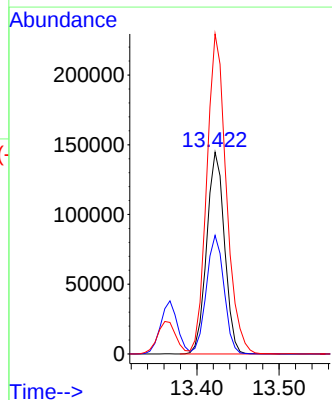
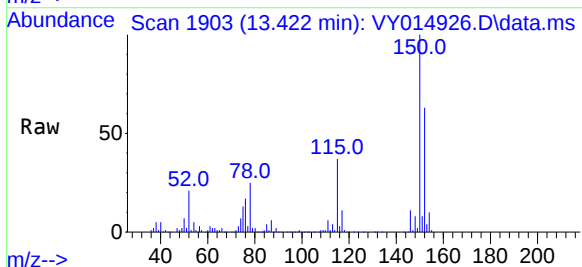
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

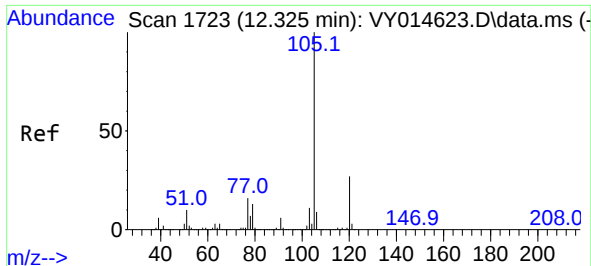
Tgt Ion:173 Resp: 113895  
Ion Ratio Lower Upper  
173 100  
175 47.9 24.6 73.8  
254 0.1 0.2 0.2#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:152 Resp: 217798  
Ion Ratio Lower Upper  
152 100  
115 58.2 28.8 86.5  
150 173.5 0.0 348.8

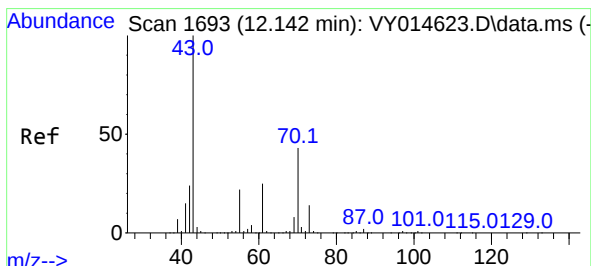
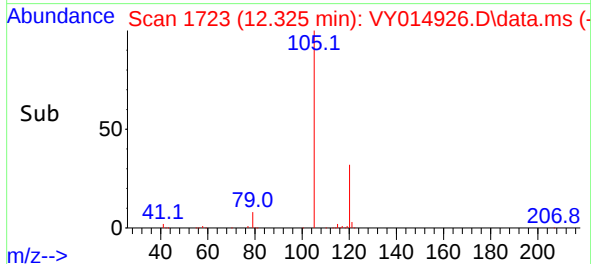
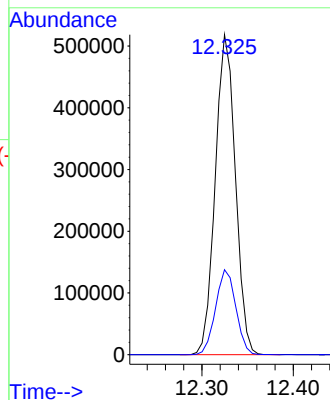
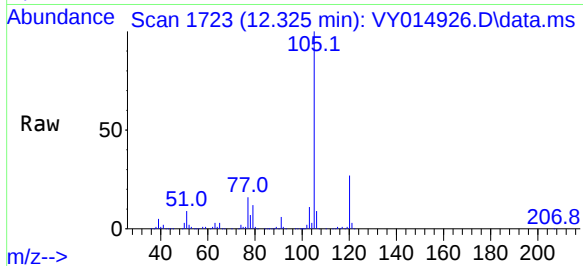




#73  
Isopropylbenzene  
Concen: 46.531 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

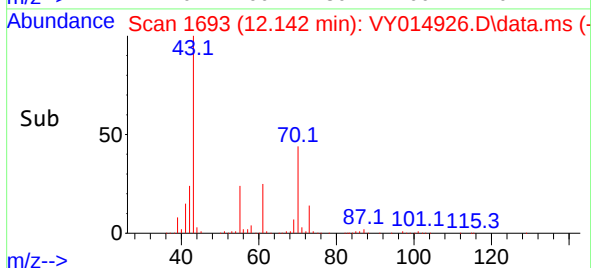
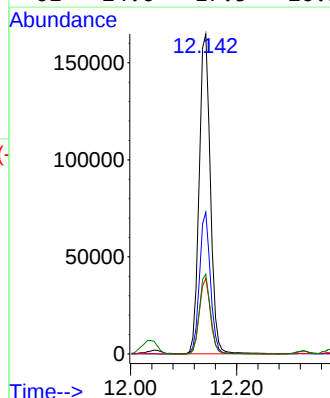
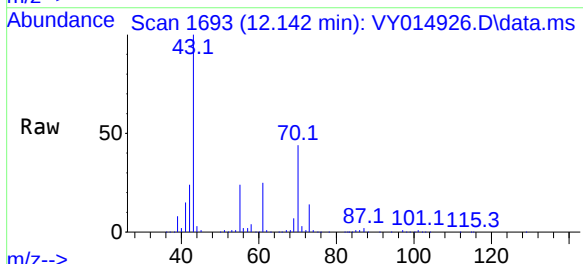
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

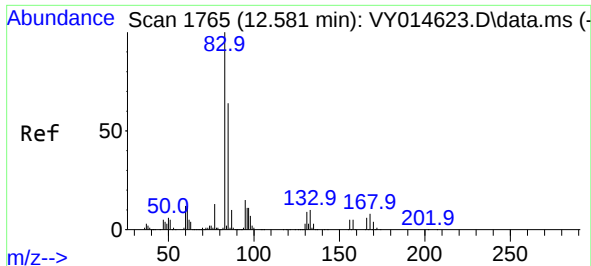
Tgt Ion:105 Resp: 793520  
Ion Ratio Lower Upper  
105 100  
120 26.7 13.3 39.9



#74  
N-ethyl acetate  
Concen: 42.470 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 43 Resp: 242571  
Ion Ratio Lower Upper  
43 100  
70 43.0 29.7 44.5  
55 23.6 18.3 27.5  
61 24.6 17.5 26.3

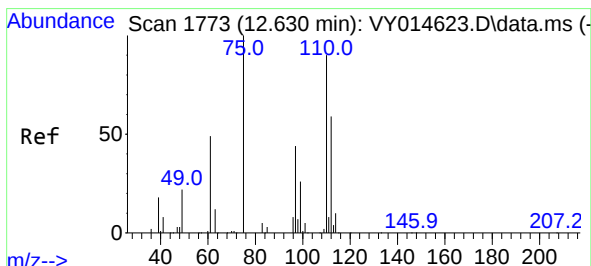
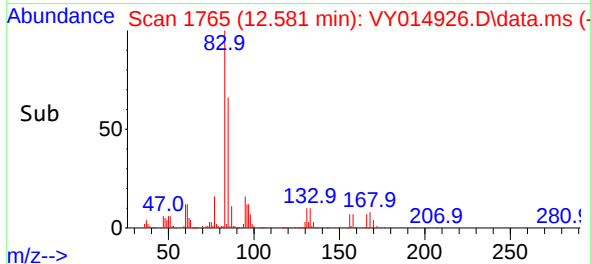
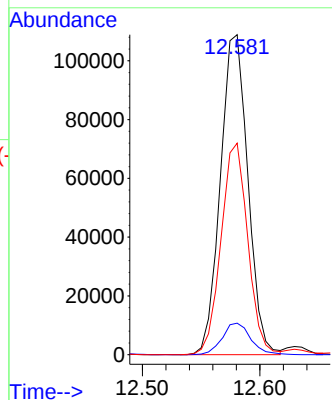
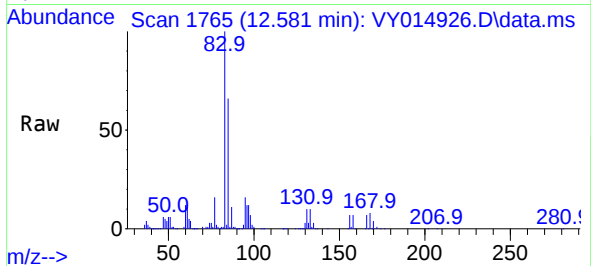




#75  
1,1,2,2-Tetrachloroethane  
Concen: 45.525 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

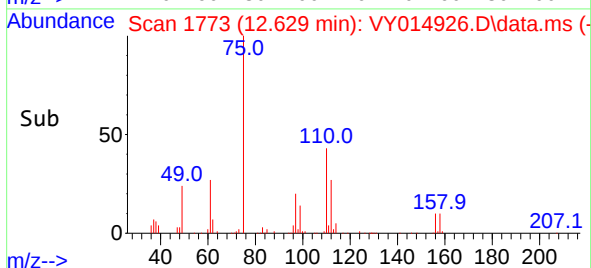
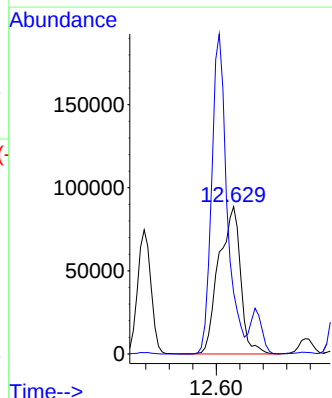
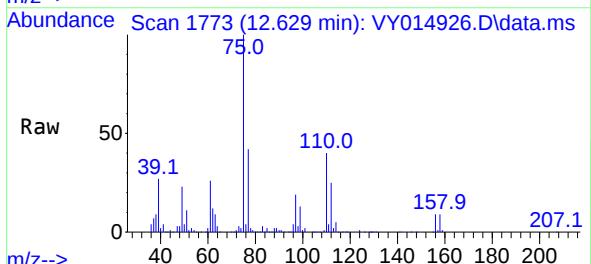
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

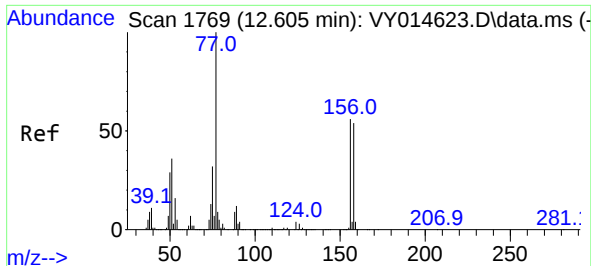
Tgt Ion: 83 Resp: 177046  
Ion Ratio Lower Upper  
83 100  
131 10.2 5.4 16.2  
85 64.3 31.8 95.4



#76  
1,2,3-Trichloropropane  
Concen: 82.813 ug/l  
RT: 12.629 min Scan# 1773  
Delta R.T. -0.001 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 75 Resp: 227797  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

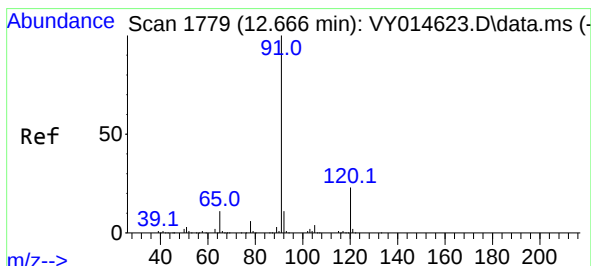
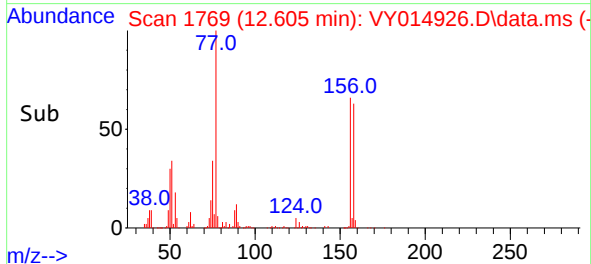
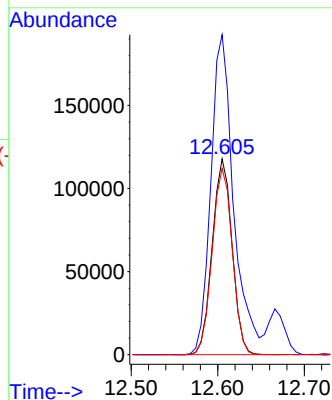
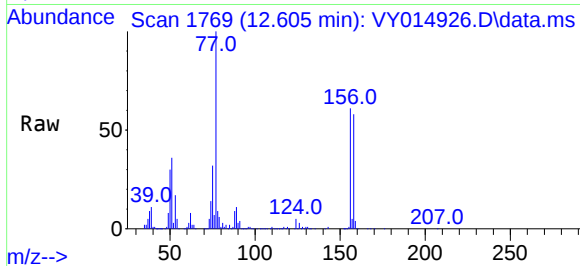




#77  
Bromobenzene  
Concen: 48.253 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

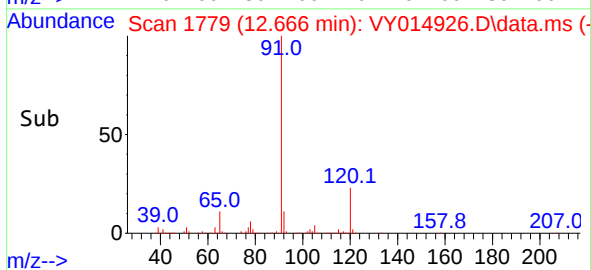
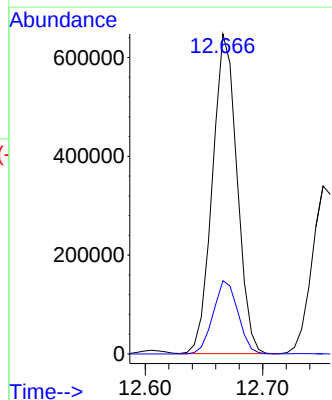
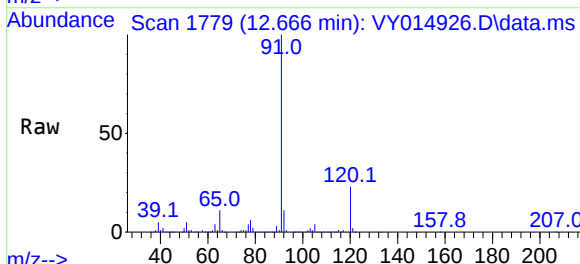
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

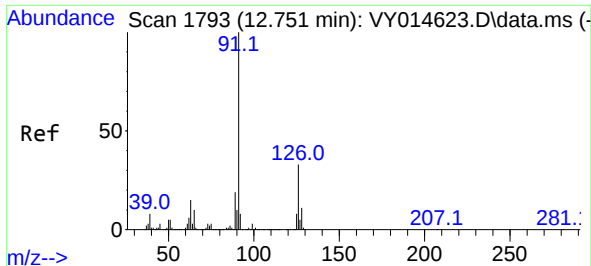
Tgt Ion:156 Resp: 187840  
Ion Ratio Lower Upper  
156 100  
77 186.2 92.8 278.6  
158 96.2 48.4 145.3



#78  
n-propylbenzene  
Concen: 45.811 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 91 Resp: 941411  
Ion Ratio Lower Upper  
91 100  
120 23.1 11.5 34.4

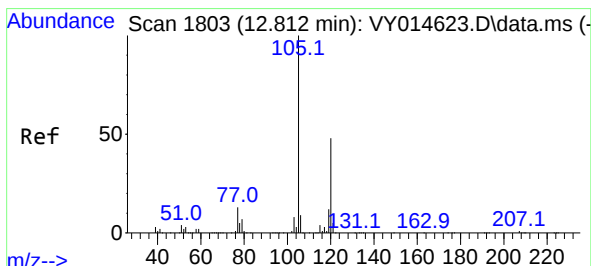
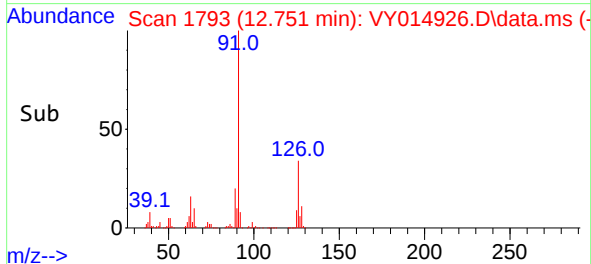
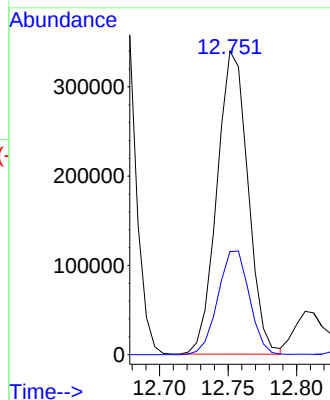
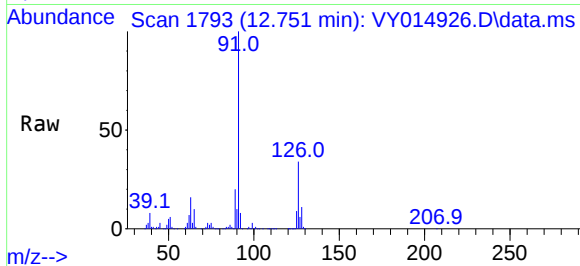




#79  
2-Chlorotoluene  
Concen: 45.201 ug/l  
RT: 12.751 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

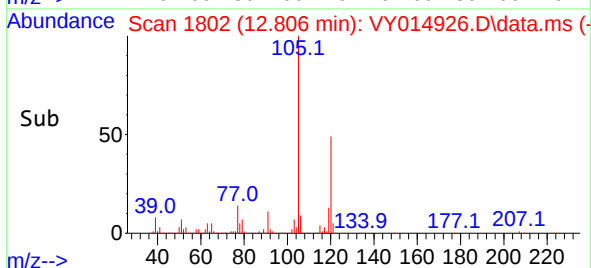
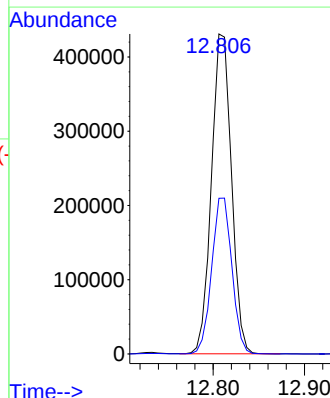
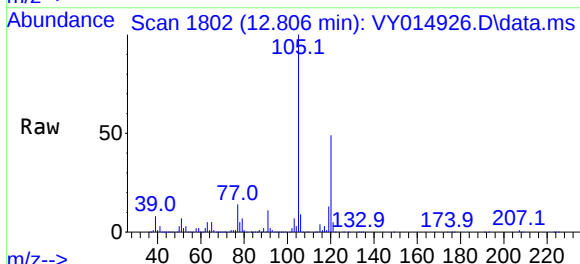
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

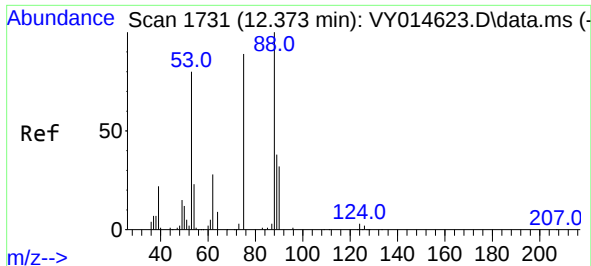
Tgt Ion: 91 Resp: 535014  
Ion Ratio Lower Upper  
91 100  
126 34.8 17.3 51.7



#80  
1,3,5-Trimethylbenzene  
Concen: 45.983 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 105 Resp: 654901  
Ion Ratio Lower Upper  
105 100  
120 49.3 23.9 71.7

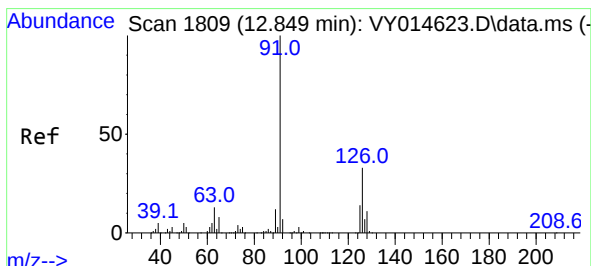
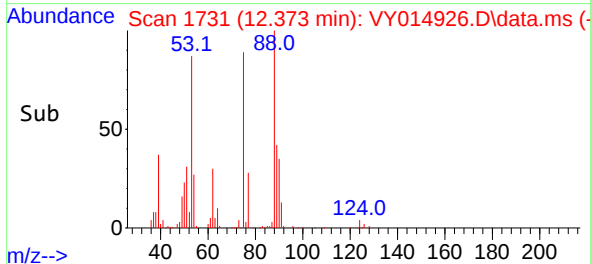
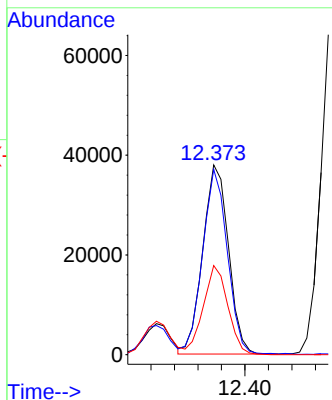
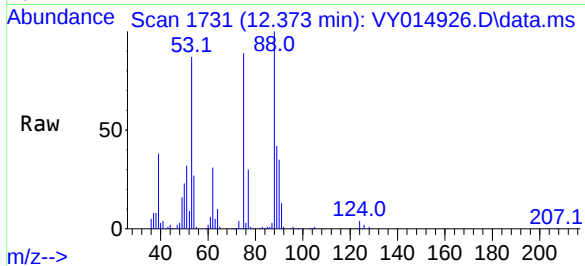




#81  
trans-1,4-Dichloro-2-butene  
Concen: 40.631 ug/l  
RT: 12.373 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

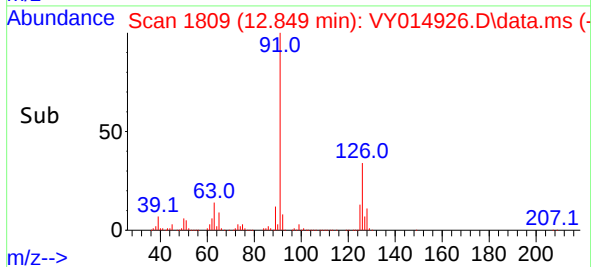
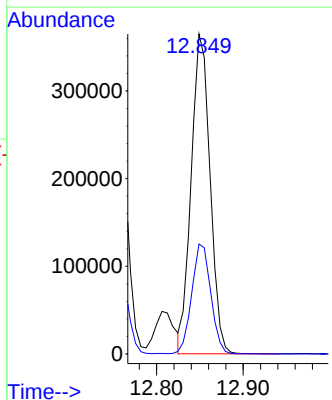
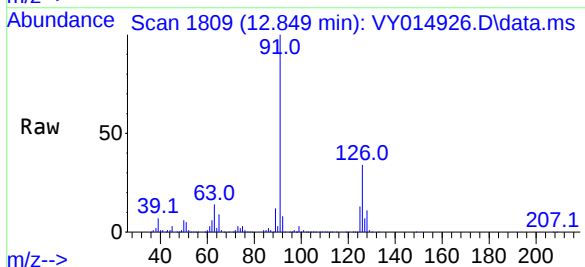
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

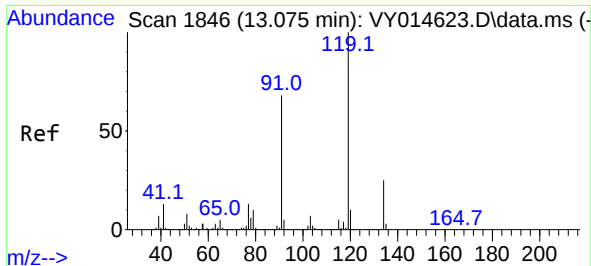
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 57725 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 95.1  | 77.8  | 116.8 |
| 89       | 44.9  | 37.4  | 56.0  |



#82  
4-Chlorotoluene  
Concen: 45.230 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 551360 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.8  | 17.2  | 51.6   |

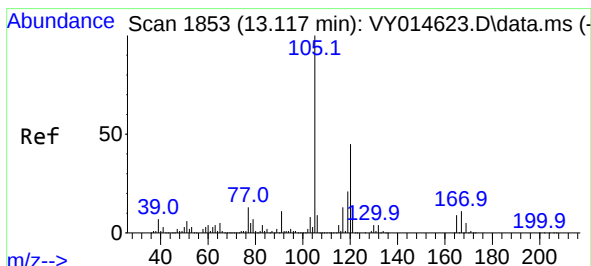
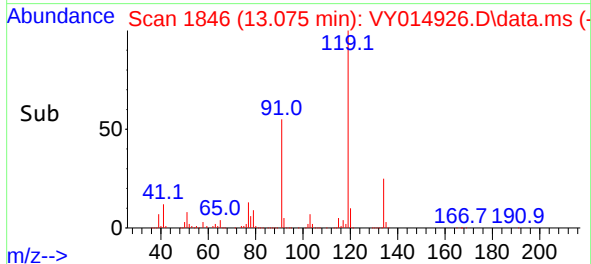
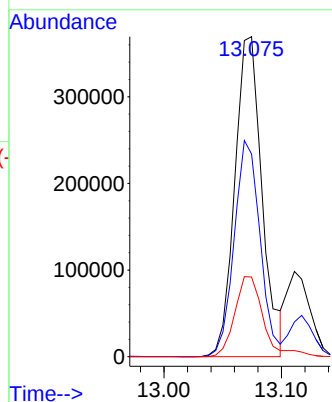
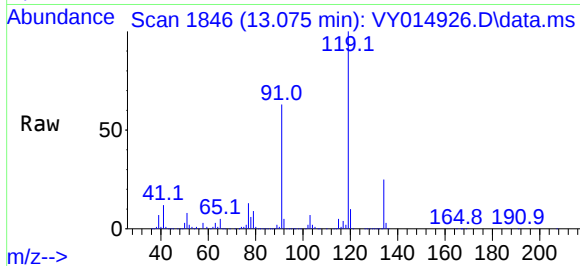




#83  
tert-Butylbenzene  
Concen: 47.086 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

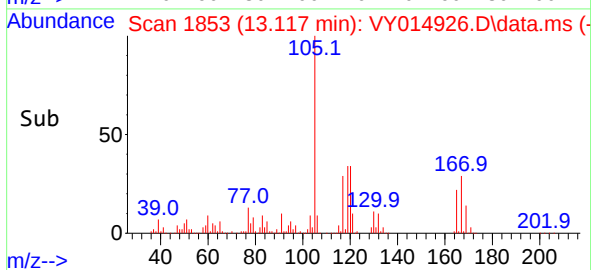
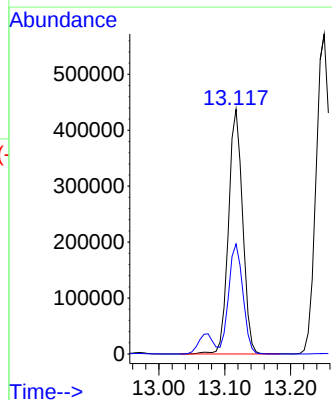
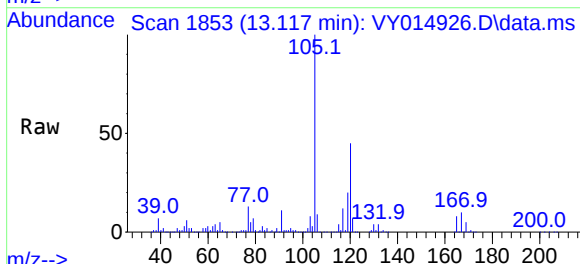
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

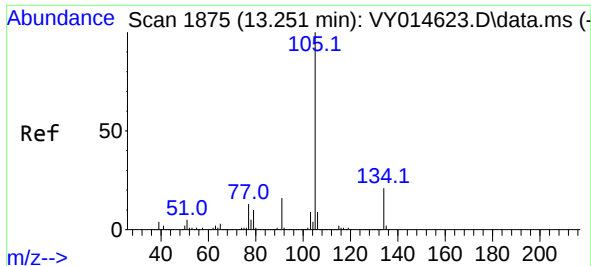
Tgt Ion:119 Resp: 594881  
Ion Ratio Lower Upper  
119 100  
91 64.3 32.9 98.6  
134 26.3 13.0 38.9



#84  
1,2,4-Trimethylbenzene  
Concen: 46.776 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:105 Resp: 653800  
Ion Ratio Lower Upper  
105 100  
120 45.0 22.2 66.6

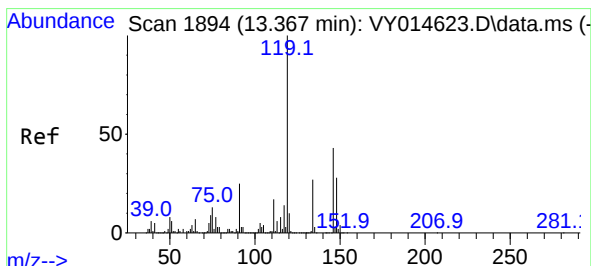
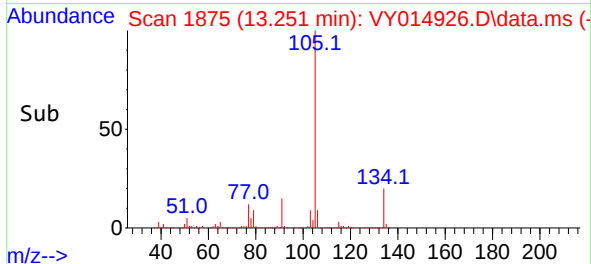
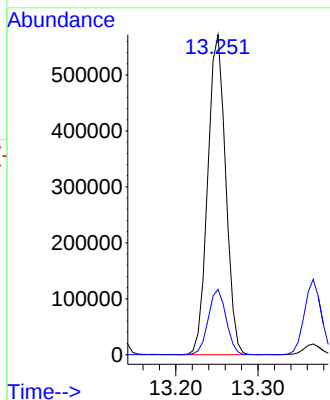
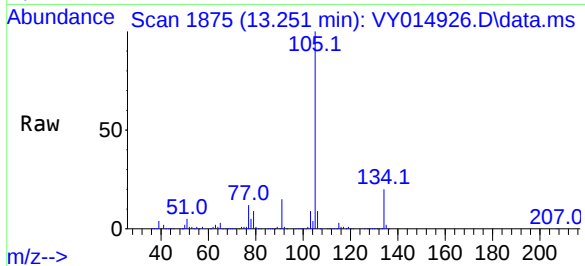




#85  
 sec-Butylbenzene  
 Concen: 46.642 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

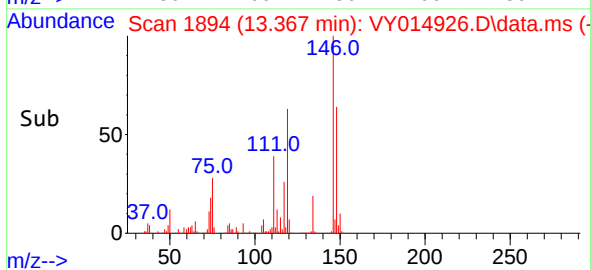
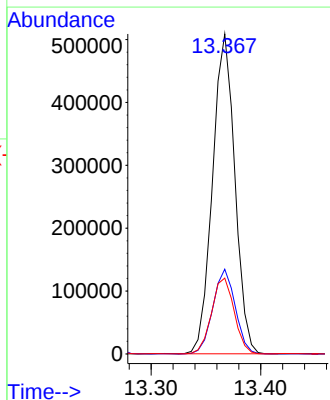
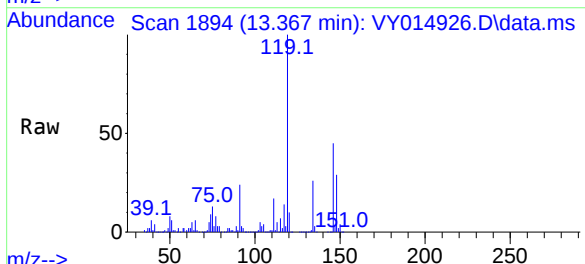
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 ClientSampleId :  
 VSTDCCC050EC

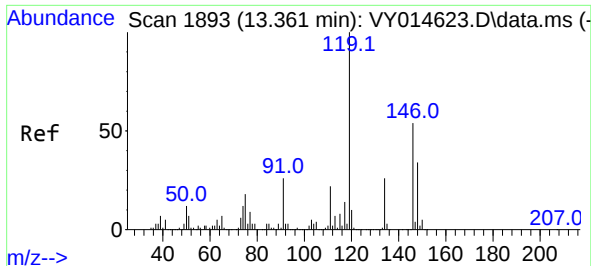
Tgt Ion:105 Resp: 864422  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.6



#86  
 p-Isopropyltoluene  
 Concen: 47.610 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY014926.D  
 Acq: 01 Aug 2023 16:13

Tgt Ion:119 Resp: 720424  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.3 39.8  
 91 24.0 12.4 37.4

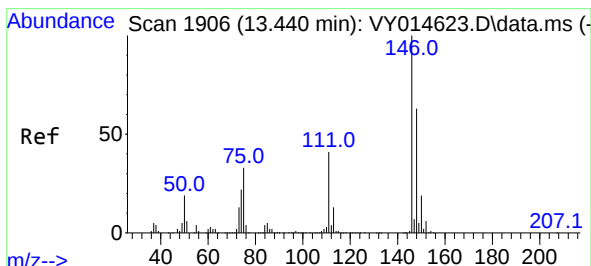
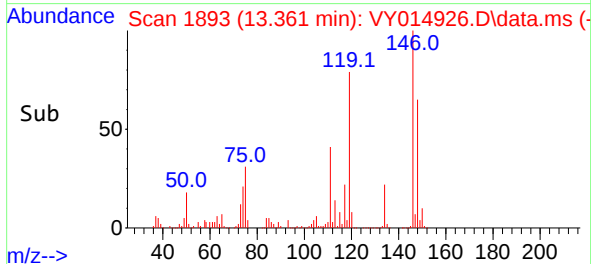
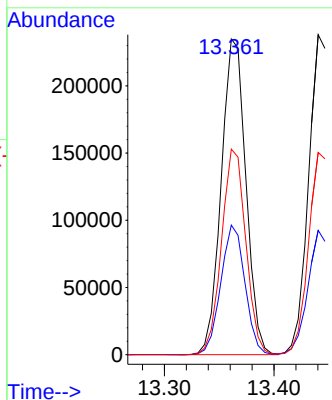
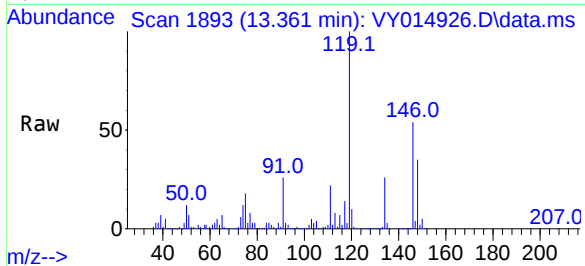




#87  
1,3-Dichlorobenzene  
Concen: 48.506 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

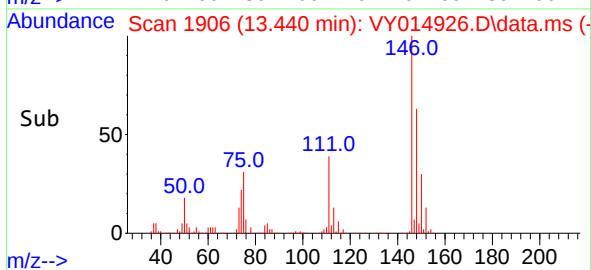
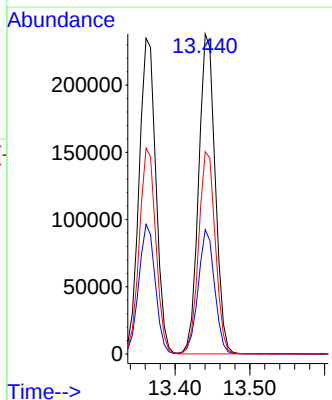
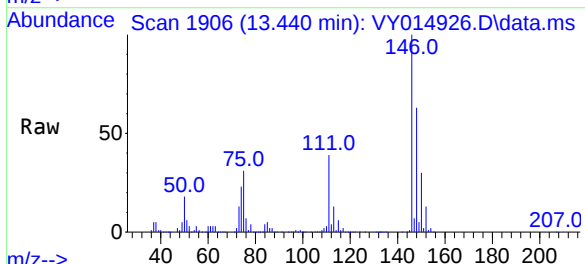
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

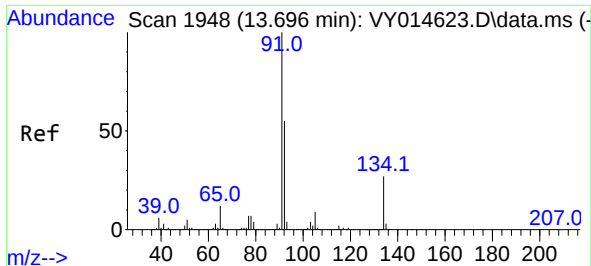
Tgt Ion:146 Resp: 367495  
Ion Ratio Lower Upper  
146 100  
111 40.2 19.4 58.2  
148 64.1 31.9 95.5



#88  
1,4-Dichlorobenzene  
Concen: 48.146 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. 0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:146 Resp: 365529  
Ion Ratio Lower Upper  
146 100  
111 38.5 18.9 56.7  
148 63.8 32.1 96.5

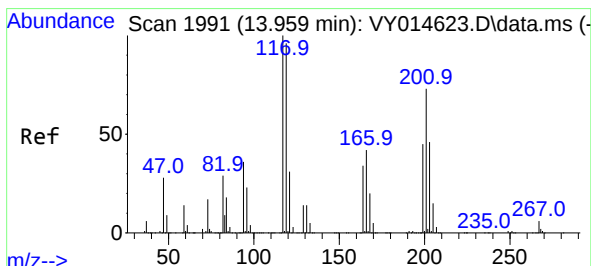
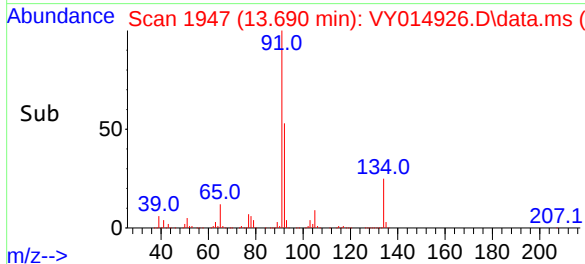
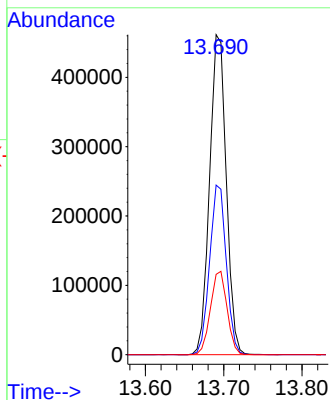
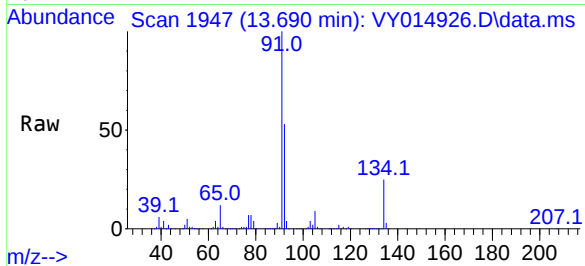




#89  
n-Butylbenzene  
Concen: 46.235 ug/l  
RT: 13.690 min Scan# 1948  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

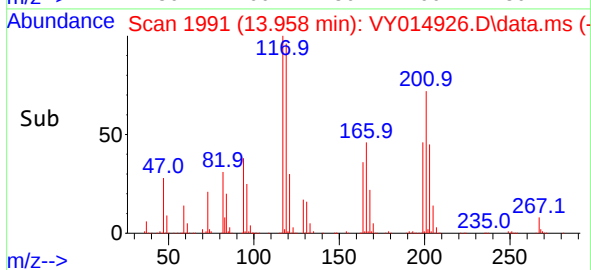
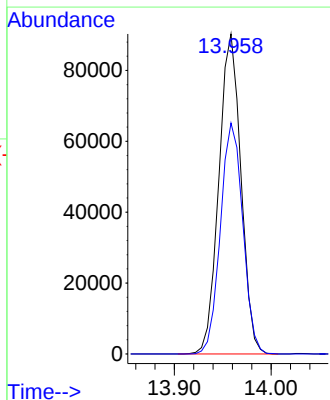
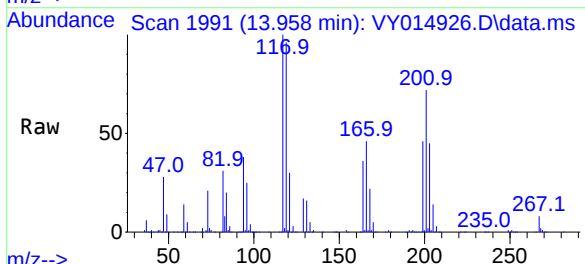
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

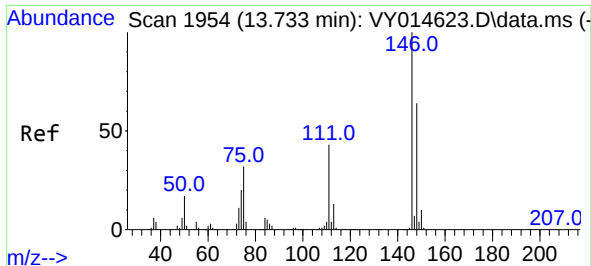
Tgt Ion: 91 Resp: 680653  
Ion Ratio Lower Upper  
91 100  
92 53.0 25.4 76.0  
134 26.1 12.6 37.6



#90  
Hexachloroethane  
Concen: 45.939 ug/l  
RT: 13.958 min Scan# 1991  
Delta R.T. -0.001 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion: 117 Resp: 142779  
Ion Ratio Lower Upper  
117 100  
201 73.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 48.422 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

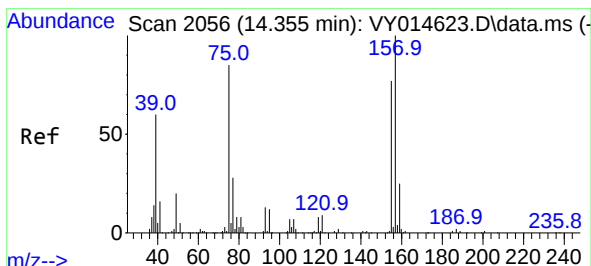
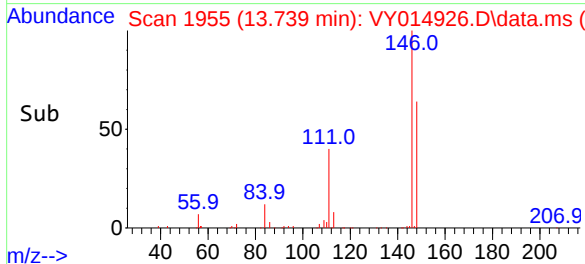
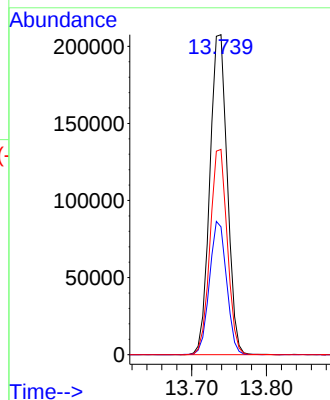
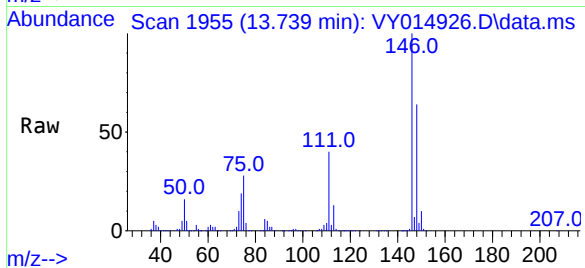
Tgt Ion:146 Resp: 336118

Ion Ratio Lower Upper

146 100

111 40.8 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.536 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY014926.D

Acq: 01 Aug 2023 16:13

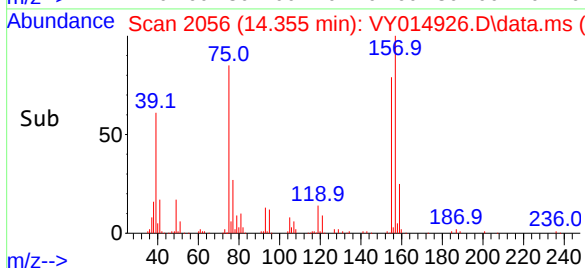
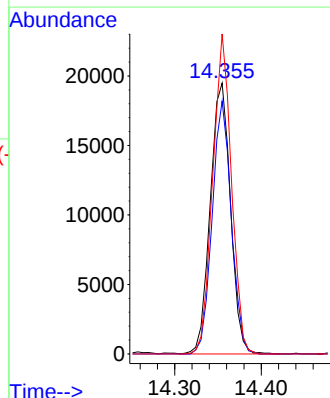
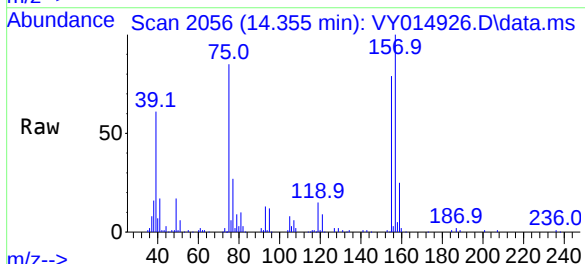
Tgt Ion: 75 Resp: 31635

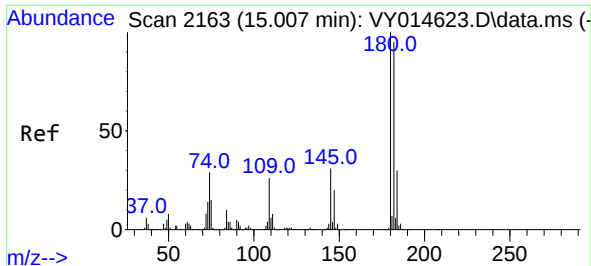
Ion Ratio Lower Upper

75 100

155 87.9 41.5 124.6

157 109.5 51.8 155.5

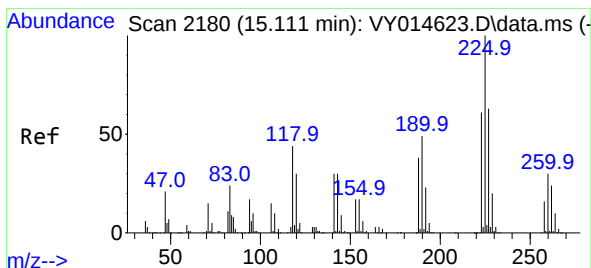
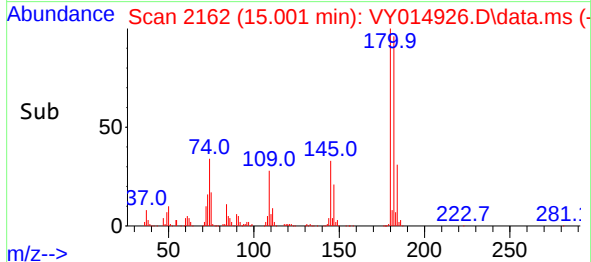
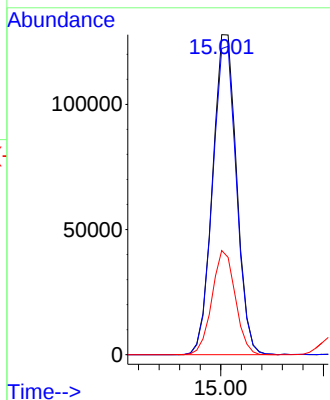
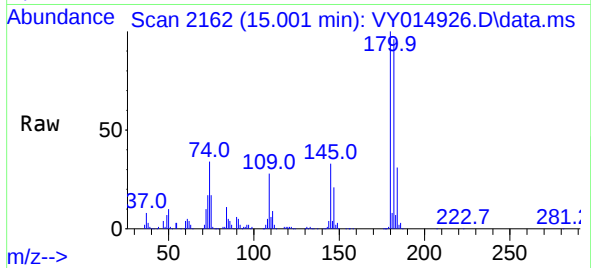




#93  
1,2,4-Trichlorobenzene  
Concen: 47.035 ug/l  
RT: 15.001 min Scan# 2162  
Delta R.T. -0.006 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

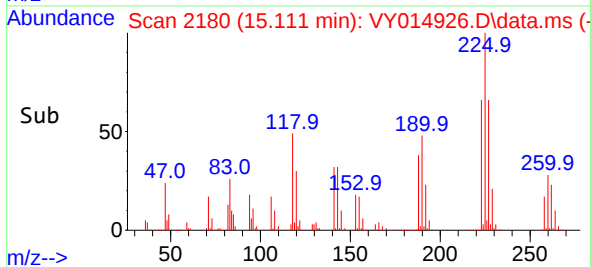
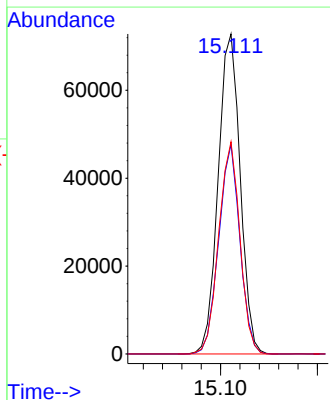
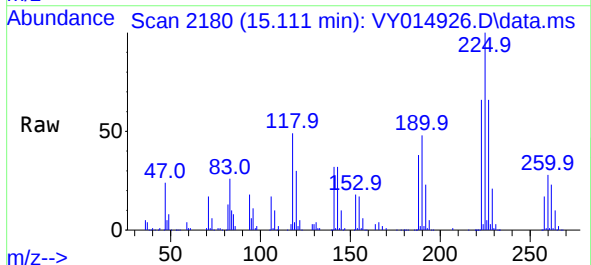
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

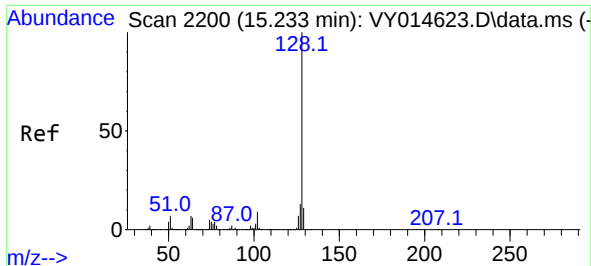
Tgt Ion:180 Resp: 207252  
Ion Ratio Lower Upper  
180 100  
182 96.0 47.0 141.2  
145 31.6 14.5 43.5



#94  
Hexachlorobutadiene  
Concen: 47.479 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:225 Resp: 114968  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.9 95.9  
227 63.8 33.0 98.9

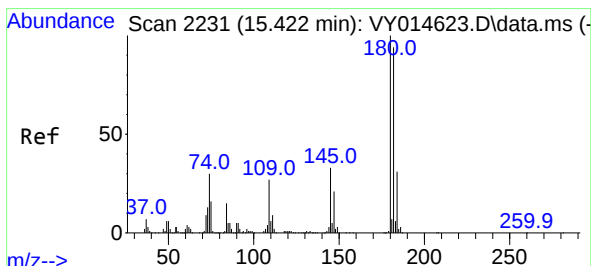
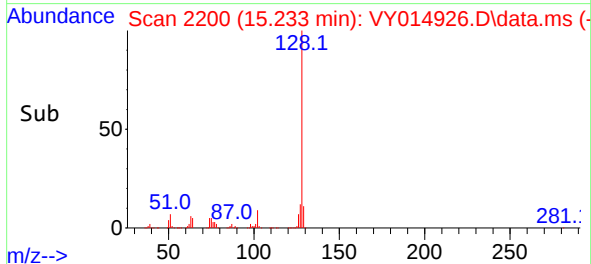
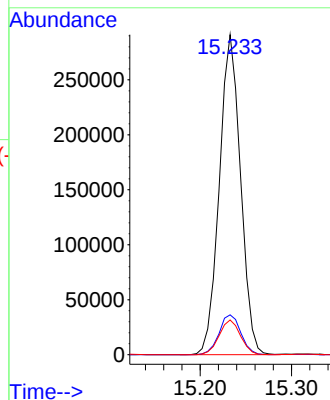
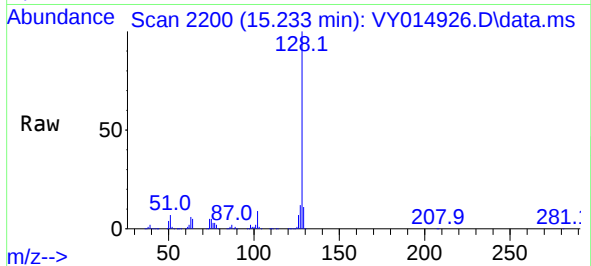




#95  
Naphthalene  
Concen: 45.745 ug/l  
RT: 15.233 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 469604  
Ion Ratio Lower Upper  
128 100  
127 12.8 10.8 16.2  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 47.371 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. -0.000 min  
Lab File: VY014926.D  
Acq: 01 Aug 2023 16:13

Tgt Ion:180 Resp: 185509  
Ion Ratio Lower Upper  
180 100  
182 95.7 47.3 141.8  
145 33.2 15.4 46.2

