

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080922\  
 Data File : VY009934.D  
 Acq On : 09 Aug 2022 21:21  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Aug 10 01:31:30 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080822S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 08 17:55:50 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.777  | 168  | 63190    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.685  | 114  | 102374   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.483 | 117  | 99296    | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.422 | 152  | 53086    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.130  | 65    | 24205    | 48.791   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 97.580%  |
| 35) Dibromofluoromethane    | 7.704  | 113   | 27617    | 49.695   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 99.380%  |
| 50) Toluene-d8              | 10.173 | 98    | 85820    | 51.132   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 102.260% |
| 62) 4-Bromofluorobenzene    | 12.477 | 95    | 45078    | 58.093   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 116.180% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.900 | 85  | 22101  | 40.998  | ug/l   | 98  |
| 3) Chloromethane             | 2.101 | 50  | 27212  | 40.595  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.235 | 62  | 29265  | 41.962  | ug/l   | 99  |
| 5) Bromomethane              | 2.638 | 94  | 20821  | 43.878  | ug/l   | 96  |
| 6) Chloroethane              | 2.778 | 64  | 18092  | 42.909  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.107 | 101 | 53732  | 47.489  | ug/l   | 100 |
| 8) Diethyl Ether             | 3.515 | 74  | 18956  | 48.107  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.881 | 101 | 31475  | 48.513  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.070 | 142 | 35272  | 47.353  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.954 | 59  | 13662  | 190.706 | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.851 | 96  | 28521  | 47.474  | ug/l   | 97  |
| 13) Acrolein                 | 3.710 | 56  | 1106   | 141.433 | ug/l   | 97  |
| 14) Allyl chloride           | 4.466 | 41  | 49405  | 44.132  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.149 | 53  | 52566  | 249.047 | ug/l   | 98  |
| 16) Acetone                  | 3.942 | 43  | 36598  | 205.321 | ug/l   | 95  |
| 17) Carbon Disulfide         | 4.174 | 76  | 92496  | 48.293  | ug/l   | 96  |
| 18) Methyl Acetate           | 4.466 | 43  | 25178  | 46.772  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.210 | 73  | 82332  | 49.111  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.698 | 84  | 48358  | 58.438  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.204 | 96  | 35057  | 50.942  | ug/l   | 94  |
| 22) Diisopropyl ether        | 6.106 | 45  | 117911 | 50.122  | ug/l   | 98  |
| 23) Vinyl Acetate            | 6.045 | 43  | 372764 | 253.040 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 6.003 | 63  | 61639  | 48.484  | ug/l   | 98  |
| 25) 2-Butanone               | 6.978 | 43  | 65745  | 223.976 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.966 | 77  | 42907  | 38.873  | ug/l   | 96  |
| 27) cis-1,2-Dichloroethene   | 6.972 | 96  | 40162  | 51.425  | ug/l   | 95  |
| 28) Bromochloromethane       | 7.326 | 49  | 21617  | 48.809  | ug/l   | 96  |
| 29) Tetrahydrofuran          | 7.338 | 42  | 46345  | 241.879 | ug/l   | 99  |
| 30) Chloroform               | 7.496 | 83  | 64147  | 50.192  | ug/l   | 97  |
| 31) Cyclohexane              | 7.777 | 56  | 57198  | 46.627  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 7.691 | 97  | 52911  | 49.075  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 7.905 | 75  | 48671  | 51.903  | ug/l   | 99  |
| 37) Ethyl Acetate            | 7.070 | 43  | 30192  | 48.527  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.893 | 117 | 47907  | 51.474  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.179 | 83  | 57818  | 52.292  | ug/l   | 99  |
| 40) Benzene                  | 8.149 | 78  | 149478 | 53.179  | ug/l   | 99  |

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 ALS Vial : 29 Sample Multiplier: 1

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 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080822S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Aug 08 17:55:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.338  | 41   | 40711    | 119.799 | ug/l # | 100      |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 40173    | 51.510  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.265  | 43   | 55236    | 49.873  | ug/l   | 98       |
| 44) Trichloroethene           | 8.935  | 130  | 37289    | 51.208  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 38818    | 53.231  | ug/l   | 95       |
| 46) Dibromomethane            | 9.301  | 93   | 22174    | 54.395  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.490  | 83   | 49625    | 53.052  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.289  | 41   | 24364    | 49.454  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 4570     | 976.663 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 155916   | 254.725 | ug/l   | 99       |
| 52) Toluene                   | 10.240 | 92   | 95142    | 54.688  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 49544    | 50.515  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 56925    | 50.873  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 31335    | 53.250  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 41905    | 55.080  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.788 | 76   | 51951    | 52.636  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.776  | 63   | 91269    | 259.306 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.831 | 43   | 110550   | 264.598 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.977 | 129  | 36201    | 53.436  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 29574    | 52.859  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.715 | 164  | 36537    | 50.235  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.514 | 112  | 102154   | 51.818  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 37612    | 52.780  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.587 | 91   | 181397   | 53.128  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.697 | 106  | 143035   | 109.494 | ug/l   | 98       |
| 69) o-Xylene                  | 12.026 | 106  | 65627    | 53.520  | ug/l   | 97       |
| 70) Styrene                   | 12.038 | 104  | 117388   | 55.818  | ug/l   | 100      |
| 71) Bromoform                 | 12.203 | 173  | 23135    | 52.562  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 182538   | 51.526  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.142 | 43   | 54131    | 47.092  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 39732    | 48.919  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 50810    | 87.482  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 42344    | 49.496  | ug/l   | 90       |
| 78) n-propylbenzene           | 12.666 | 91   | 229376   | 50.970  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 127062   | 50.448  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 151503   | 51.075  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 13784    | 47.981  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 131573   | 49.551  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.075 | 119  | 128135   | 49.970  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 152851   | 52.165  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.251 | 105  | 199987   | 50.796  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 161597   | 50.702  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 85129    | 49.753  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 87130    | 50.061  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 164278   | 52.766  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 33145    | 49.910  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.733 | 146  | 82104    | 52.645  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 6211     | 47.809  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 43438    | 49.138  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 23858    | 47.518  | ug/l   | 98       |
| 95) Naphthalene               | 15.233 | 128  | 96325    | 52.042  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 38540    | 49.003  | ug/l   | 97       |

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ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Quant Title : SW846 8260  
QLast Update : Mon Aug 08 17:55:50 2022  
Response via : Initial Calibration

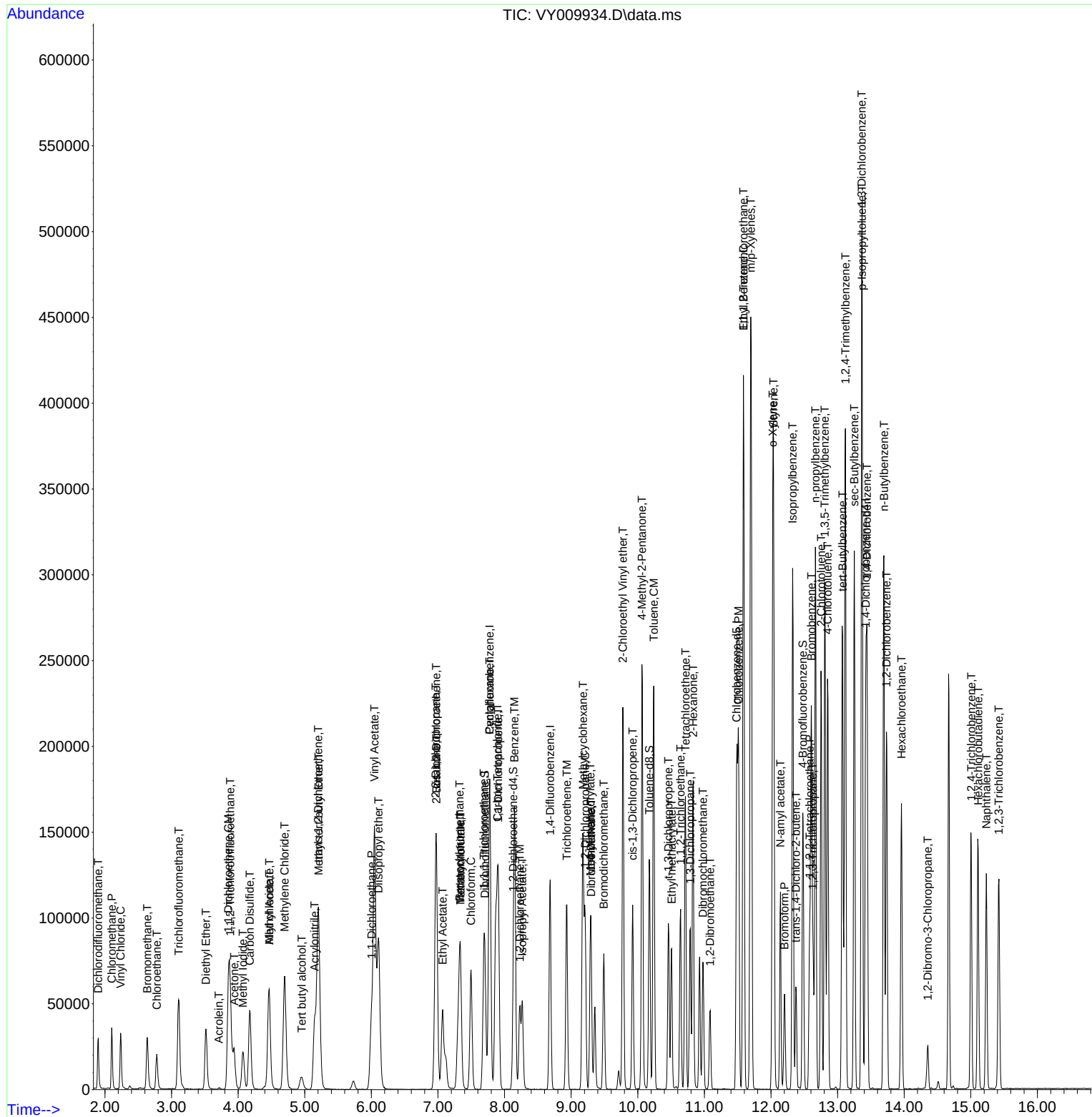
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

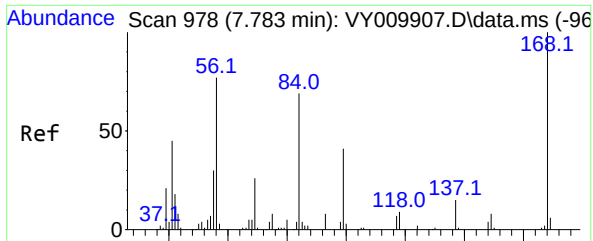
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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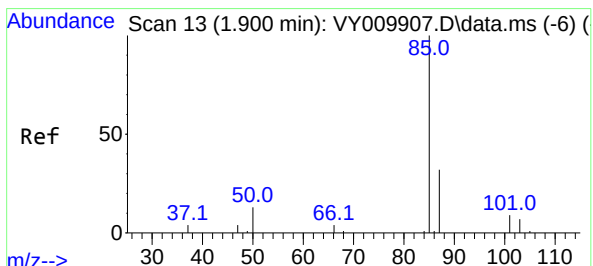
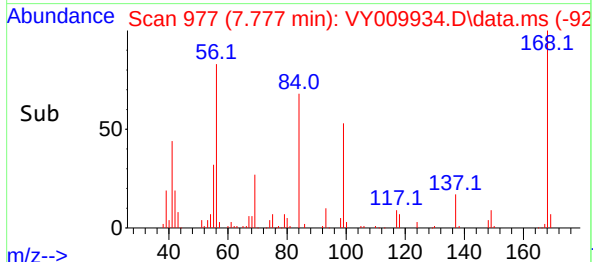
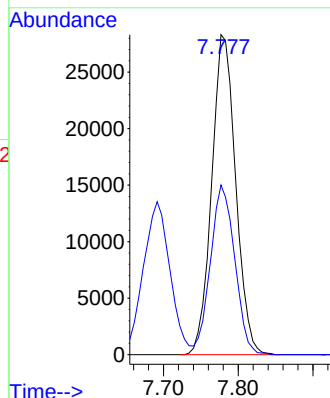
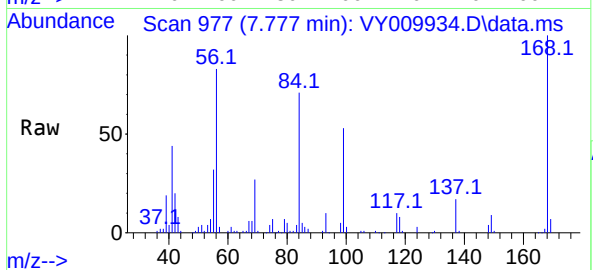




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

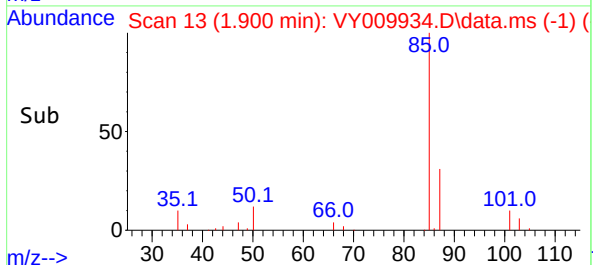
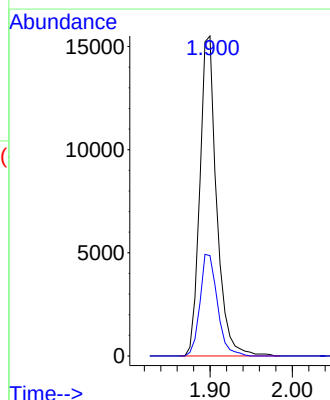
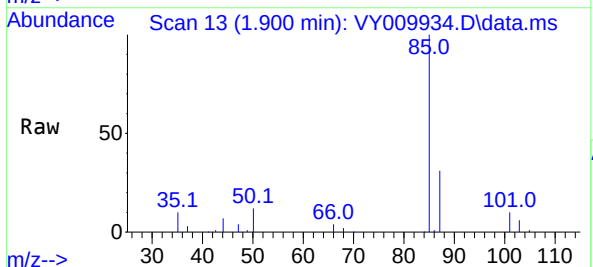
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:168 Resp: 63190  
Ion Ratio Lower Upper  
168 100  
99 53.0 42.1 63.1

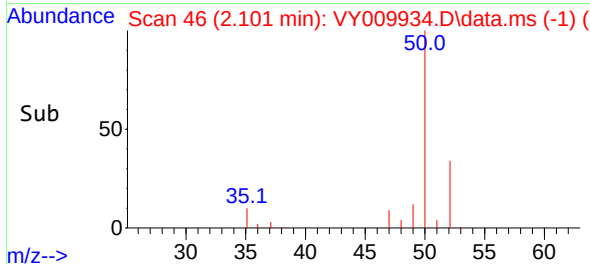
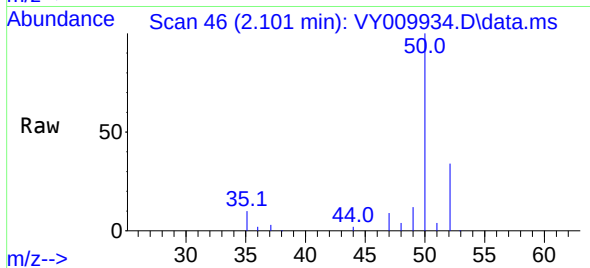
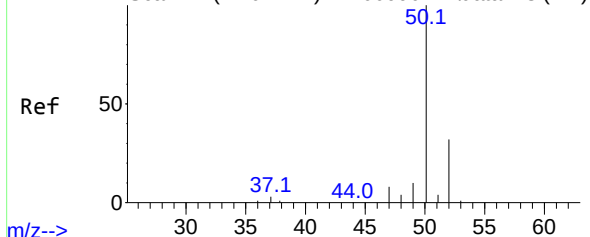


#2  
Dichlorodifluoromethane  
Concen: 40.998 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 85 Resp: 22101  
Ion Ratio Lower Upper  
85 100  
87 31.4 16.2 48.5



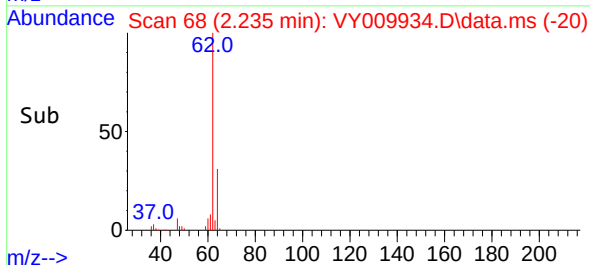
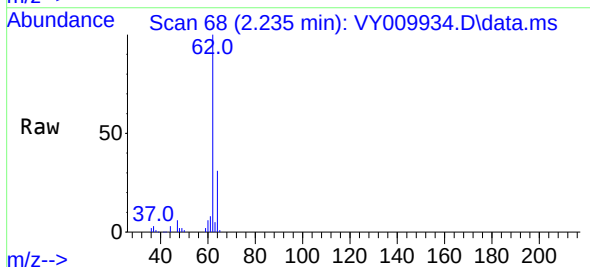
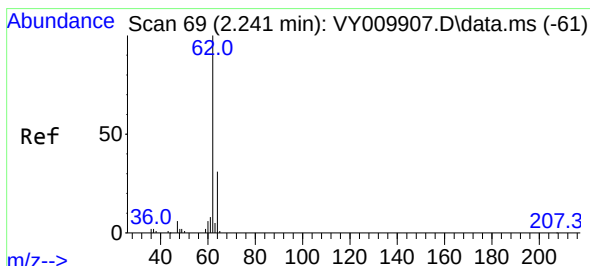
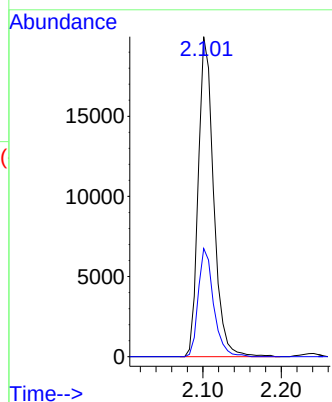
Abundance Scan 47 (2.107 min): VY009907.D\data.ms (-41)



#3  
Chloromethane  
Concen: 40.595 ug/l  
RT: 2.101 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

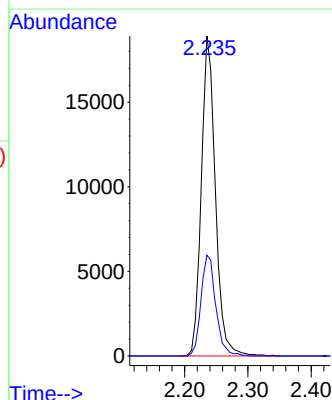
Instrument :  
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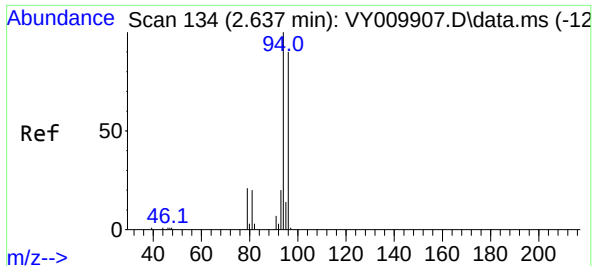
Tgt Ion: 50 Resp: 27212  
Ion Ratio Lower Upper  
50 100  
52 33.8 27.9 41.9



#4  
Vinyl Chloride  
Concen: 41.962 ug/l  
RT: 2.235 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 62 Resp: 29265  
Ion Ratio Lower Upper  
62 100  
64 31.5 25.0 37.4

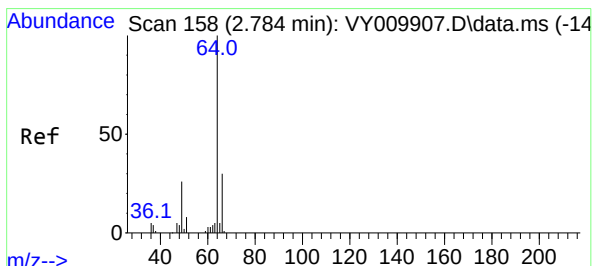
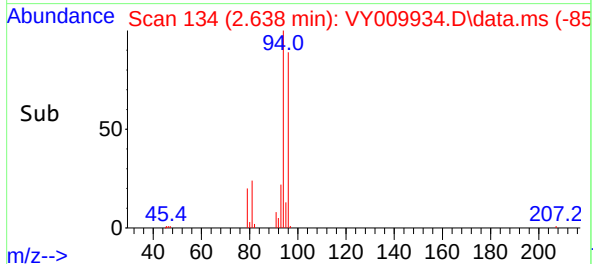
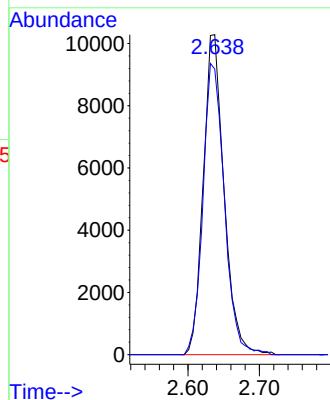
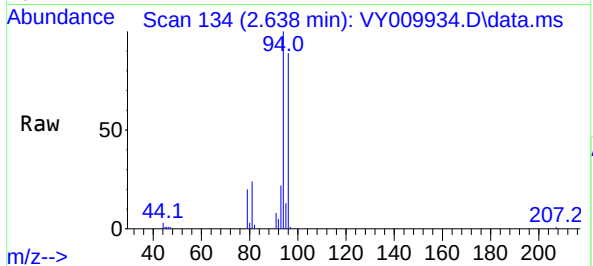




#5  
Bromomethane  
Concen: 43.878 ug/l  
RT: 2.638 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

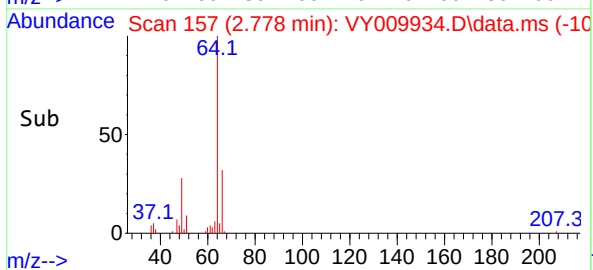
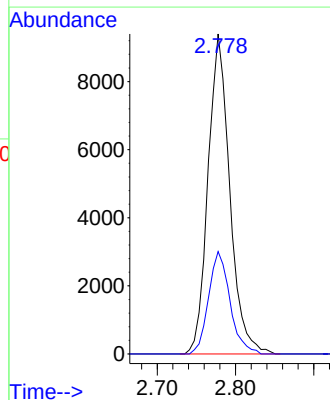
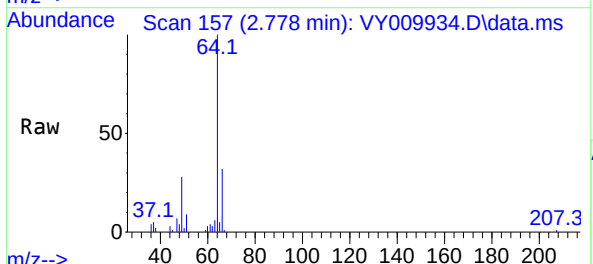
Instrument :  
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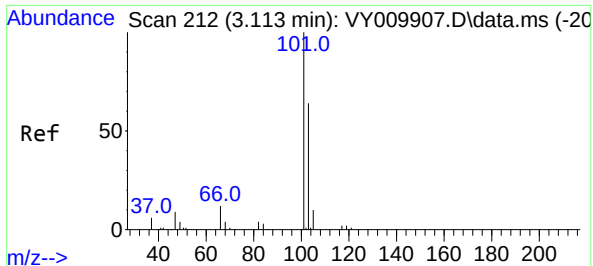
Tgt Ion: 94 Resp: 20821  
Ion Ratio Lower Upper  
94 100  
96 89.3 74.6 111.8



#6  
Chloroethane  
Concen: 42.909 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 64 Resp: 18092  
Ion Ratio Lower Upper  
64 100  
66 32.0 25.8 38.8

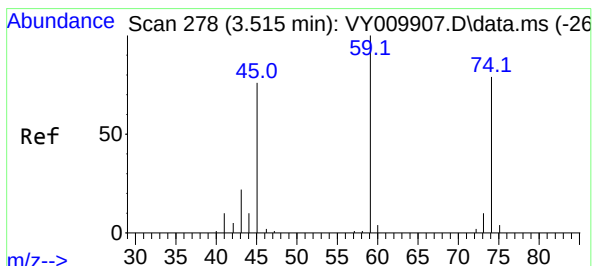
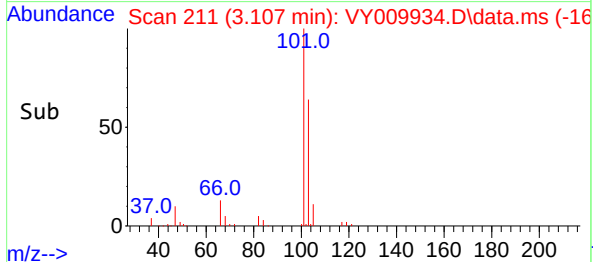
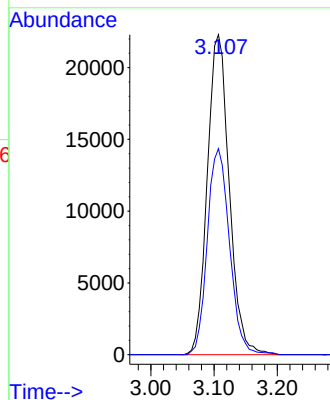
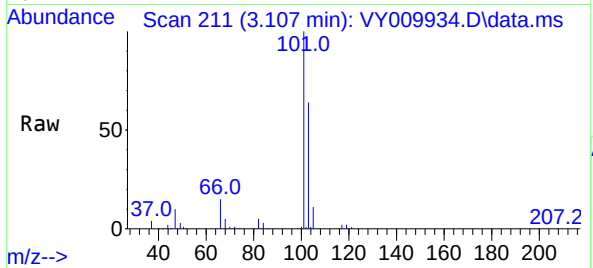




#7  
 Trichlorofluoromethane  
 Concen: 47.489 ug/l  
 RT: 3.107 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

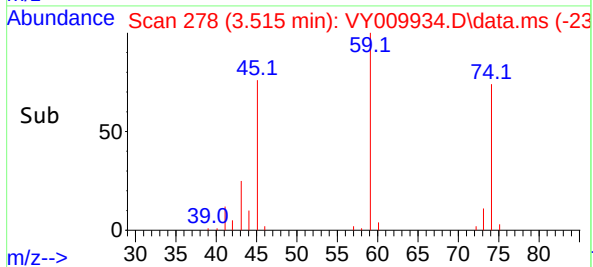
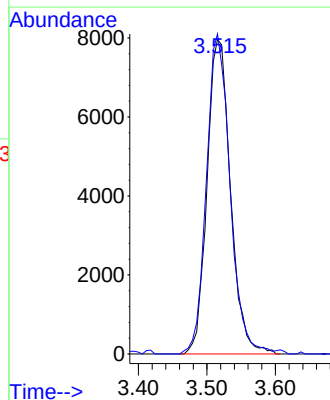
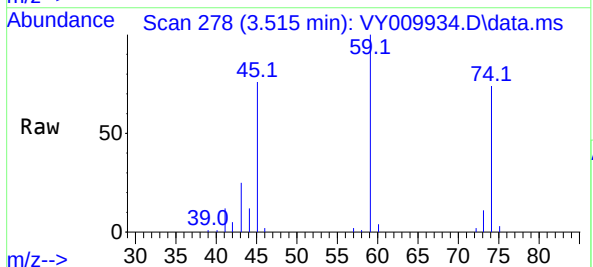
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 53732  
 Ion Ratio Lower Upper  
 101 100  
 103 64.4 51.4 77.2

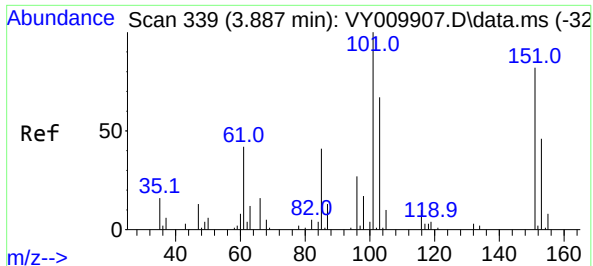


#8  
 Diethyl Ether  
 Concen: 48.107 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. -0.006 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

Tgt Ion: 74 Resp: 18956  
 Ion Ratio Lower Upper  
 74 100  
 45 102.8 49.1 147.4



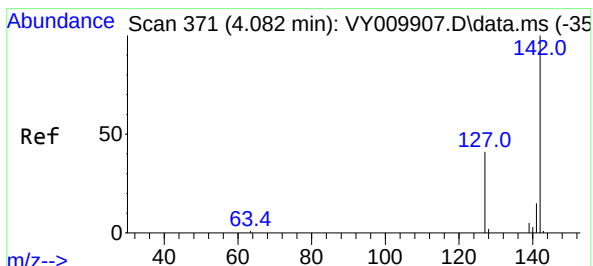
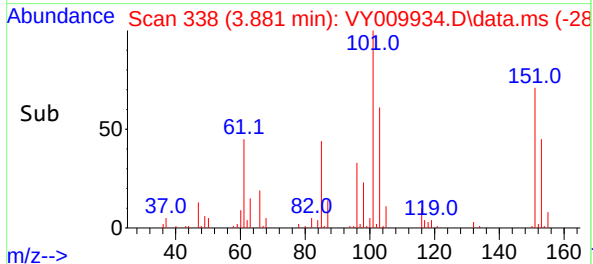
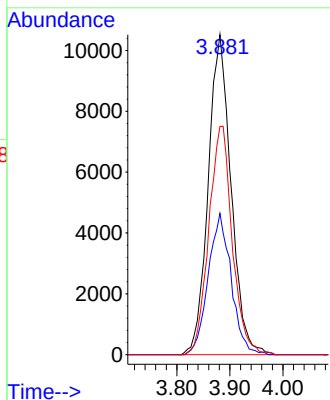
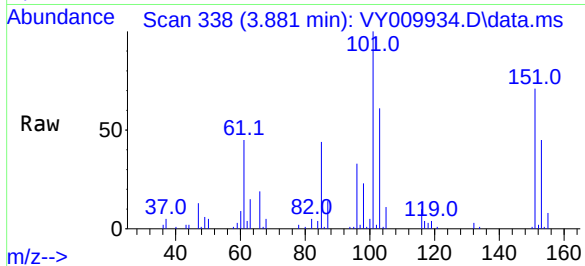




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.513 ug/l  
RT: 3.881 min Scan# 314  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

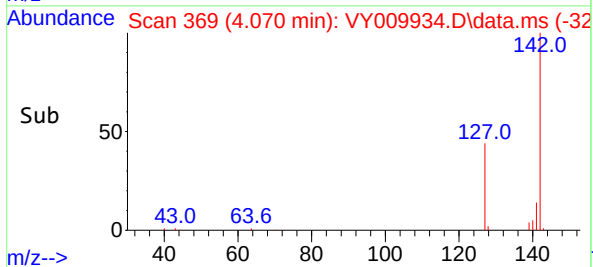
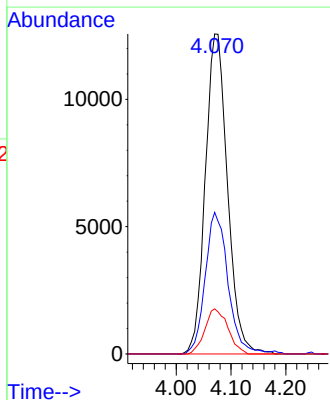
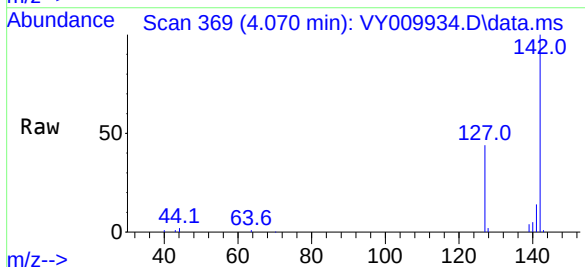
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

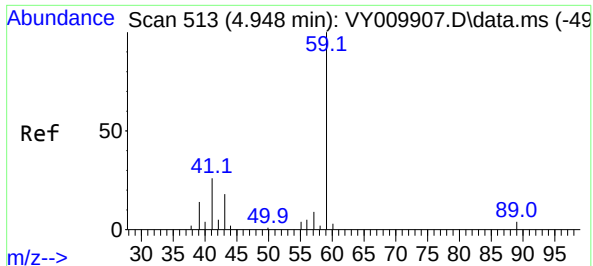
Tgt Ion:101 Resp: 31475  
Ion Ratio Lower Upper  
101 100  
85 44.4 36.2 54.2  
151 73.2 63.6 95.4



#10  
Methyl Iodide  
Concen: 47.353 ug/l  
RT: 4.070 min Scan# 369  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:142 Resp: 35272  
Ion Ratio Lower Upper  
142 100  
127 45.4 35.2 52.8  
141 14.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 190.706 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

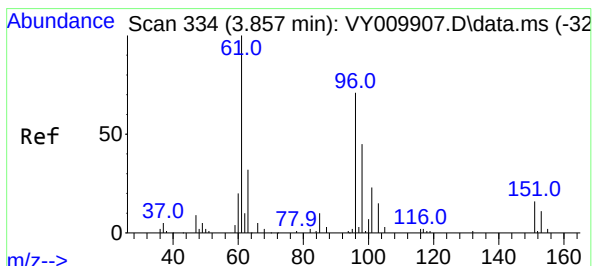
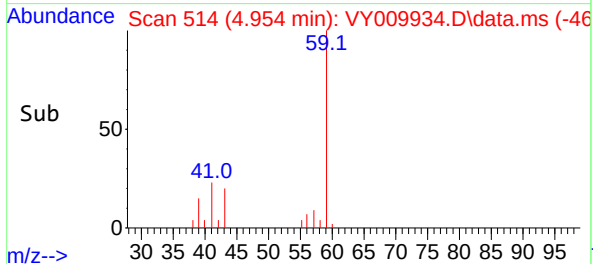
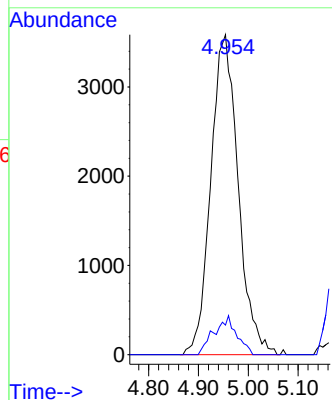
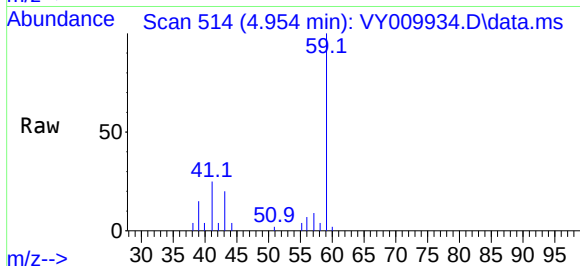
VSTDCCC050

Tgt Ion: 59 Resp: 13662

Ion Ratio Lower Upper

59 100

57 9.9 6.3 9.5#



#12

1,1-Dichloroethene

Concen: 47.474 ug/l

RT: 3.851 min Scan# 333

Delta R.T. -0.005 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

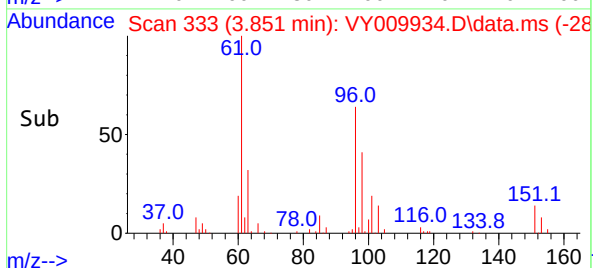
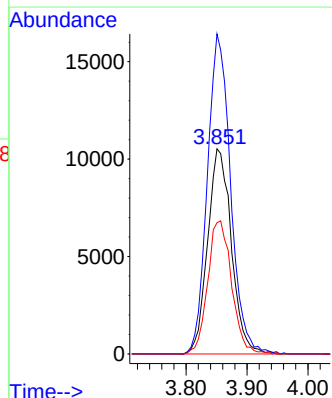
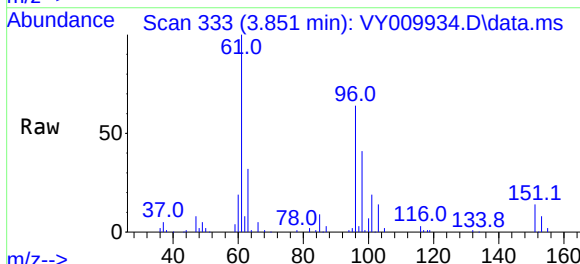
Tgt Ion: 96 Resp: 28521

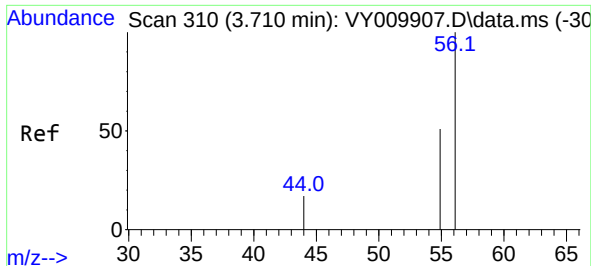
Ion Ratio Lower Upper

96 100

61 156.0 121.9 182.9

98 64.0 48.2 72.4

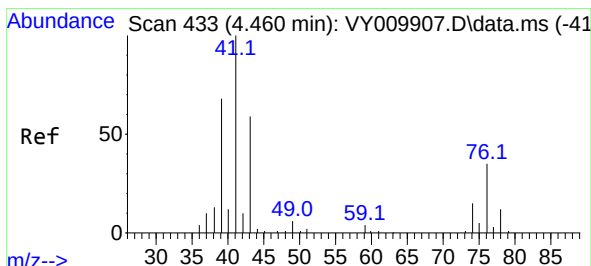
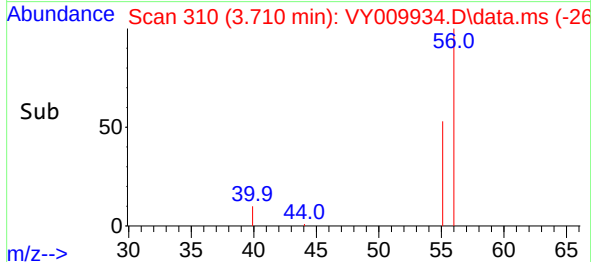
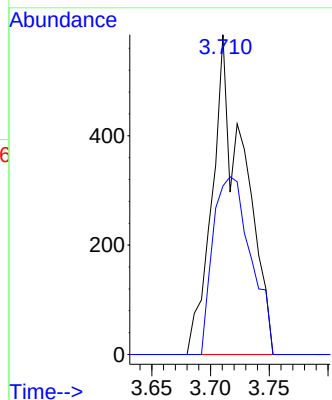
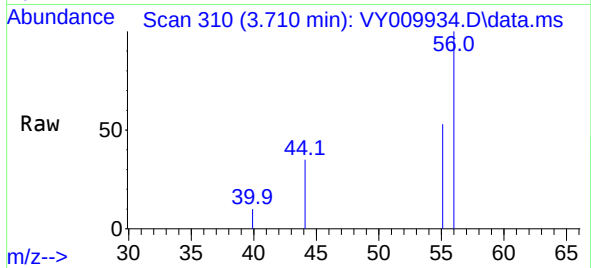




#13  
Acrolein  
Concen: 141.433 ug/l  
RT: 3.710 min Scan# 310  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

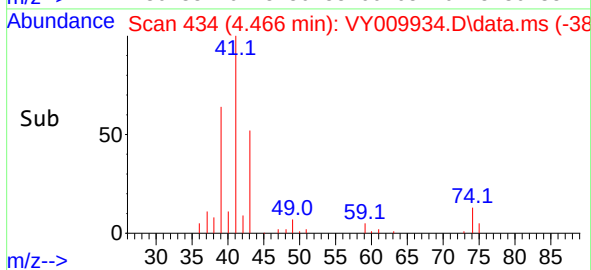
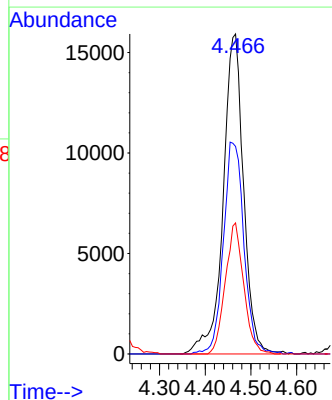
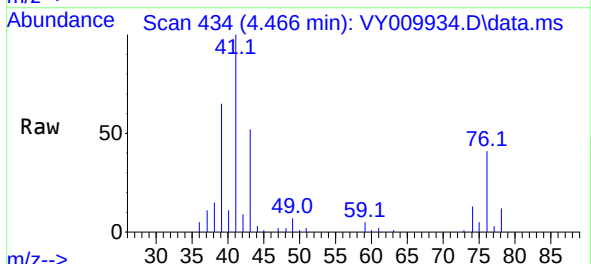
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

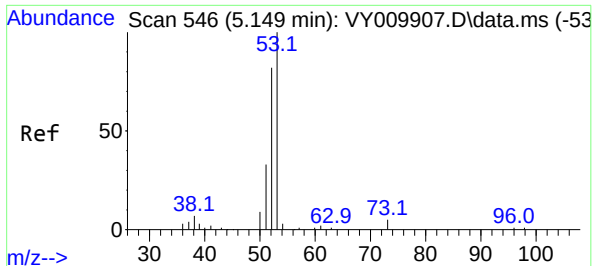
Tgt Ion: 56 Resp: 1106  
Ion Ratio Lower Upper  
56 100  
55 65.8 54.8 82.2



#14  
Allyl chloride  
Concen: 44.132 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 41 Resp: 49405  
Ion Ratio Lower Upper  
41 100  
39 66.5 53.5 80.3  
76 37.0 29.4 44.0

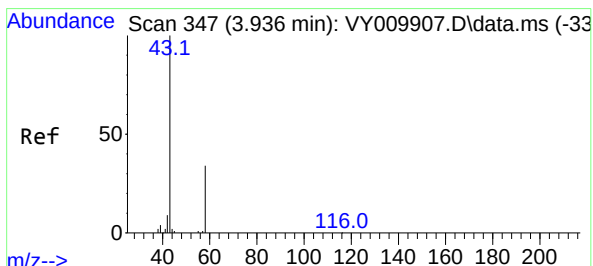
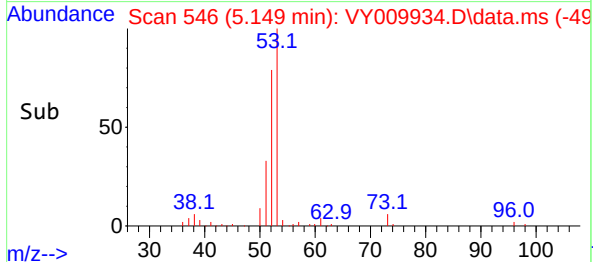
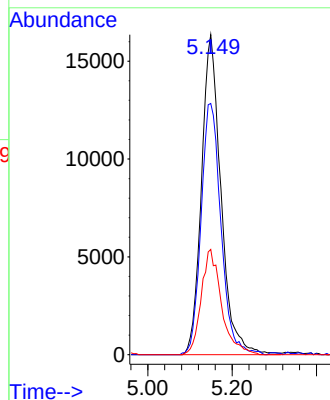
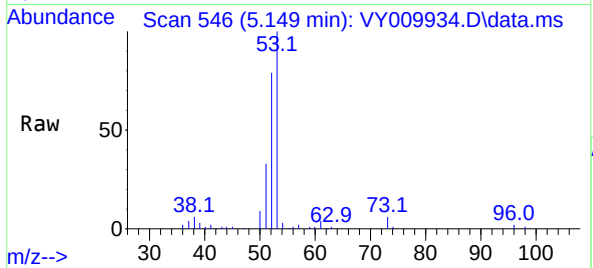




#15  
Acrylonitrile  
Concen: 249.047 ug/l  
RT: 5.149 min Scan# 54  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

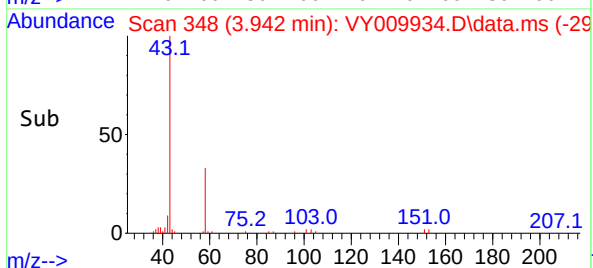
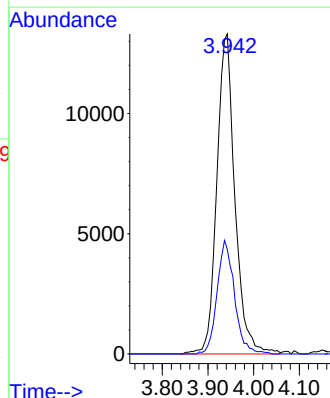
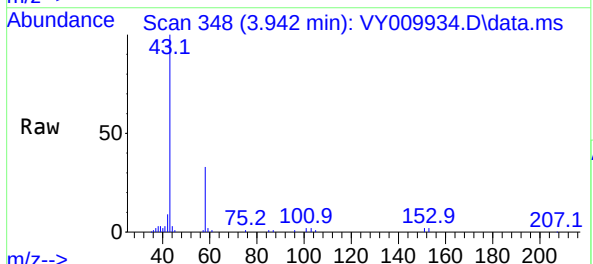
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

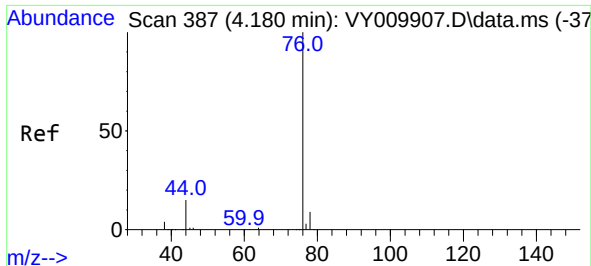
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 52566 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.3  | 65.4  | 98.2  |
| 51       | 34.3  | 28.4  | 42.6  |



#16  
Acetone  
Concen: 205.321 ug/l  
RT: 3.942 min Scan# 348  
Delta R.T. 0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 36598 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.7  | 24.0  | 36.0  |

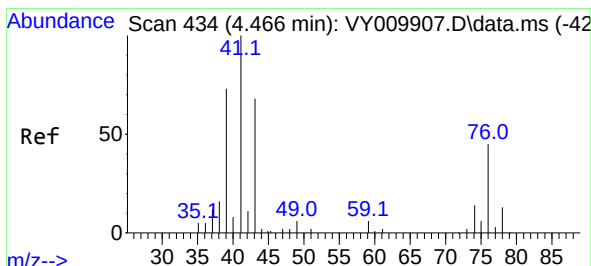
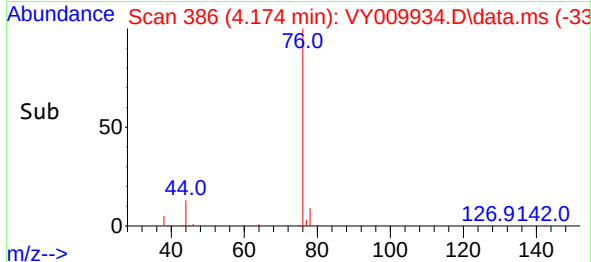
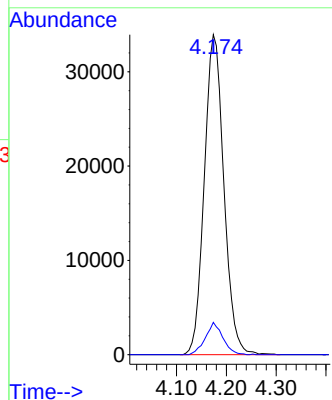
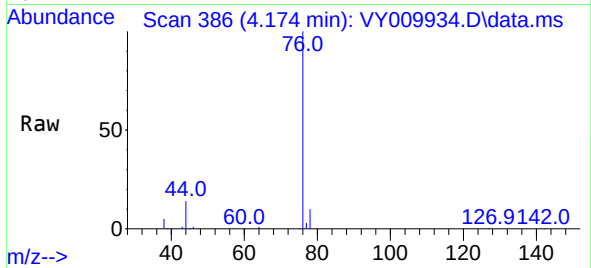




#17  
Carbon Disulfide  
Concen: 48.293 ug/l  
RT: 4.174 min Scan# 387  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

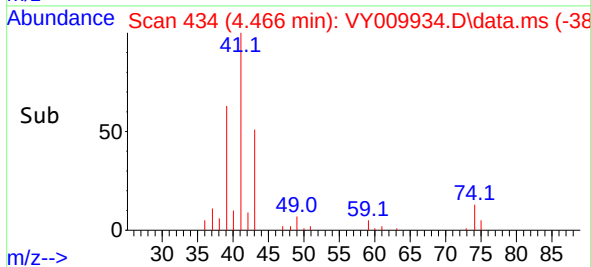
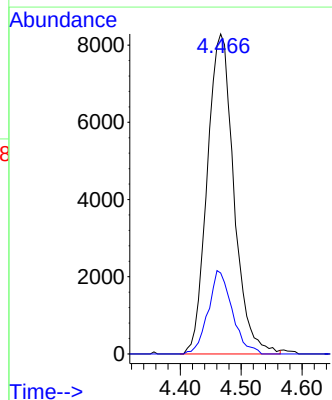
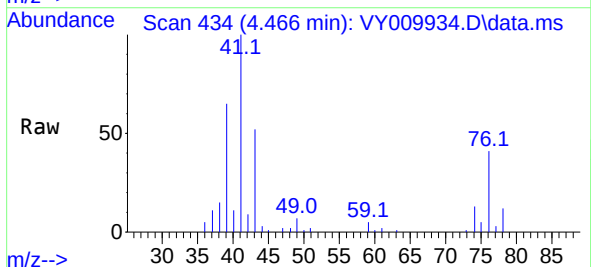
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

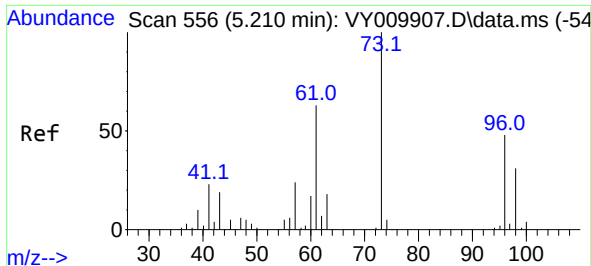
Tgt Ion: 76 Resp: 92496  
Ion Ratio Lower Upper  
76 100  
78 10.1 6.8 10.2



#18  
Methyl Acetate  
Concen: 46.772 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 43 Resp: 25178  
Ion Ratio Lower Upper  
43 100  
74 23.4 18.8 28.2





#19

Methyl tert-butyl Ether

Concen: 49.111 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

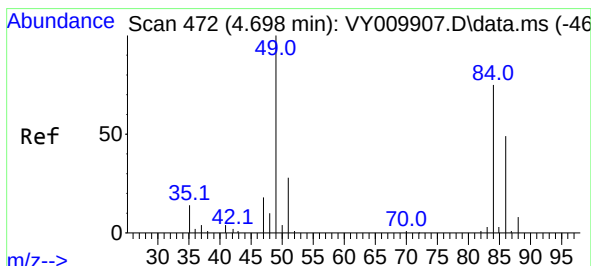
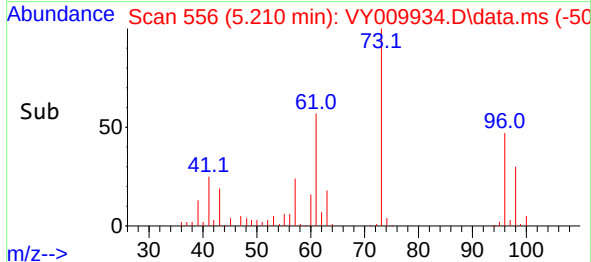
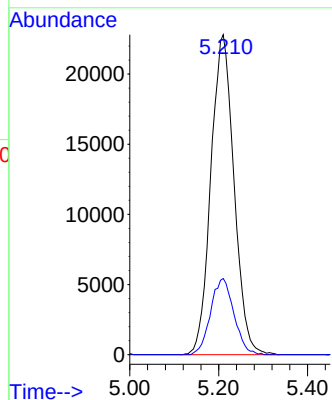
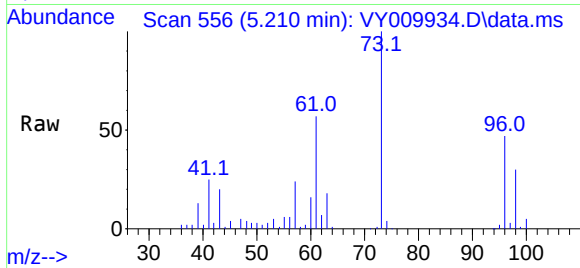
VSTDCCC050

Tgt Ion: 73 Resp: 82332

Ion Ratio Lower Upper

73 100

57 23.8 18.5 27.7



#20

Methylene Chloride

Concen: 58.438 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Tgt Ion: 84 Resp: 48358

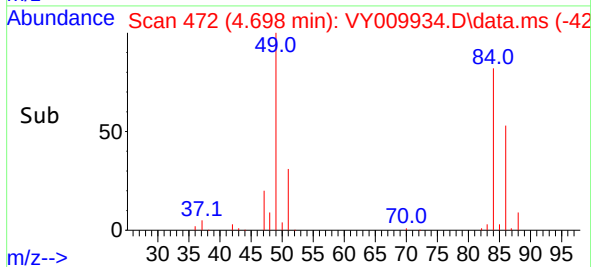
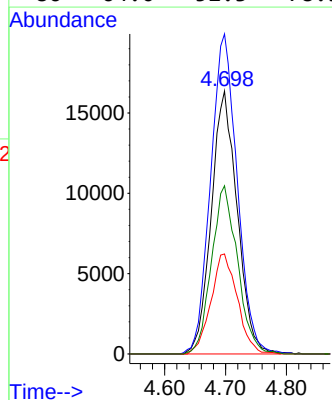
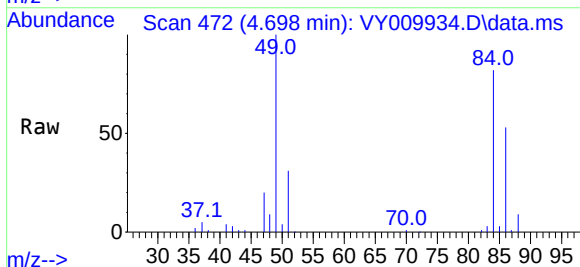
Ion Ratio Lower Upper

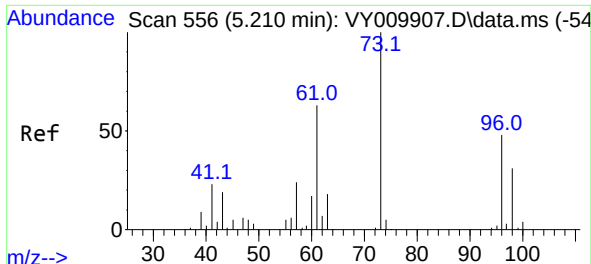
84 100

49 121.7 98.2 147.4

51 38.0 33.4 50.0

86 64.0 52.3 78.5

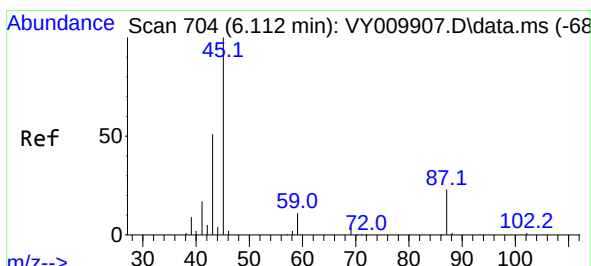
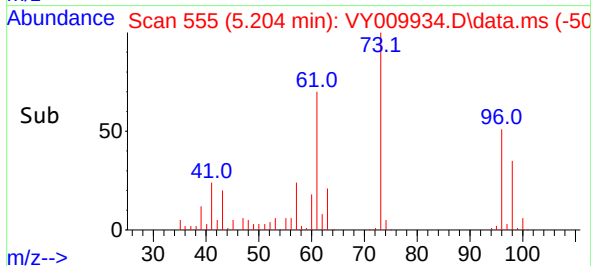
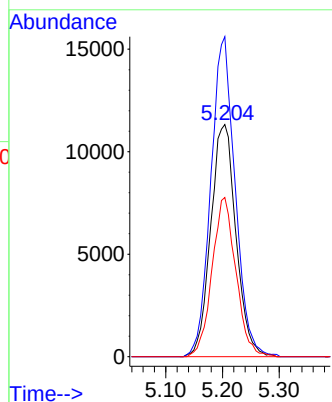
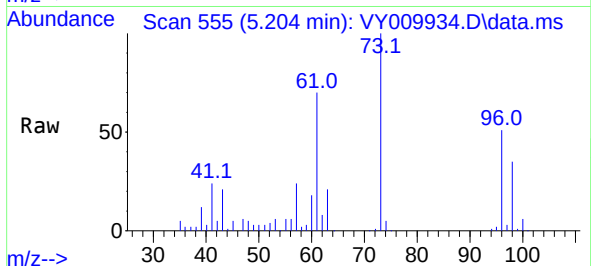




#21  
trans-1,2-Dichloroethene  
Concen: 50.942 ug/l  
RT: 5.204 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

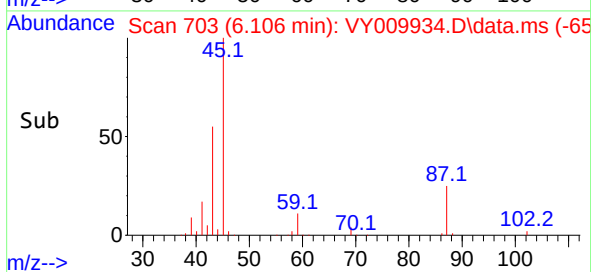
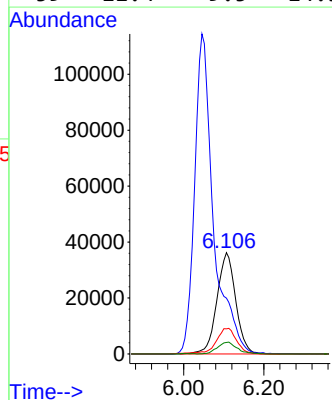
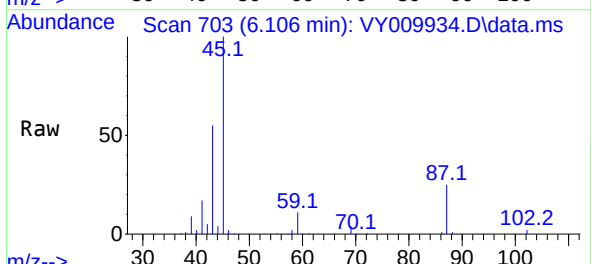
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

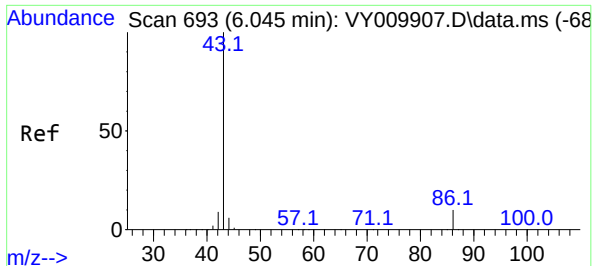
Tgt Ion: 96 Resp: 35057  
Ion Ratio Lower Upper  
96 100  
61 137.9 105.8 158.6  
98 68.6 49.7 74.5



#22  
Diisopropyl ether  
Concen: 50.122 ug/l  
RT: 6.106 min Scan# 703  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 45 Resp: 117911  
Ion Ratio Lower Upper  
45 100  
43 54.8 43.7 65.5  
87 24.9 22.2 33.4  
59 11.4 9.5 14.3





#23

Vinyl Acetate

Concen: 253.040 ug/l

RT: 6.045 min Scan# 693

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

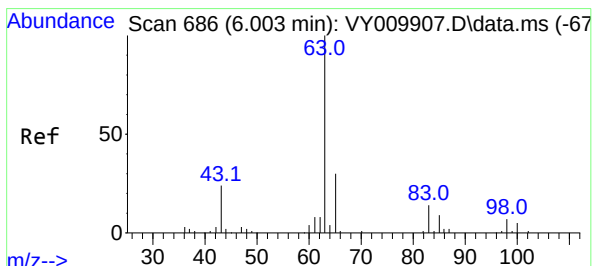
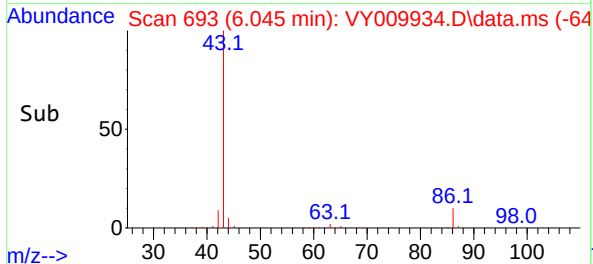
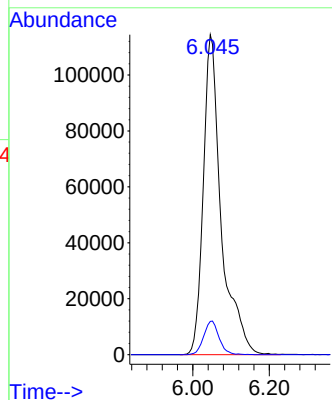
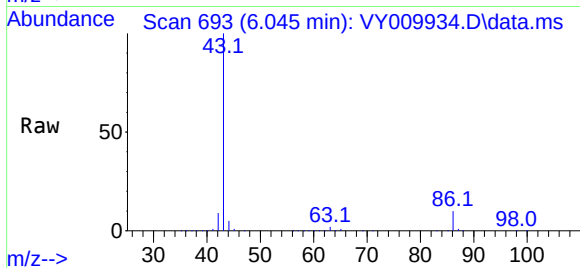
VSTDCCC050

Tgt Ion: 43 Resp: 372764

Ion Ratio Lower Upper

43 100

86 10.4 9.0 13.6



#24

1,1-Dichloroethane

Concen: 48.484 ug/l

RT: 6.003 min Scan# 686

Delta R.T. 0.001 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

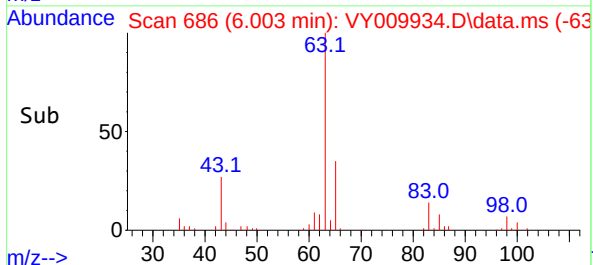
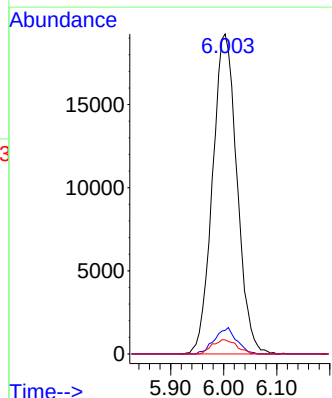
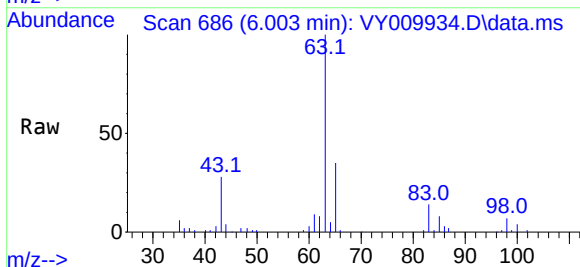
Tgt Ion: 63 Resp: 61639

Ion Ratio Lower Upper

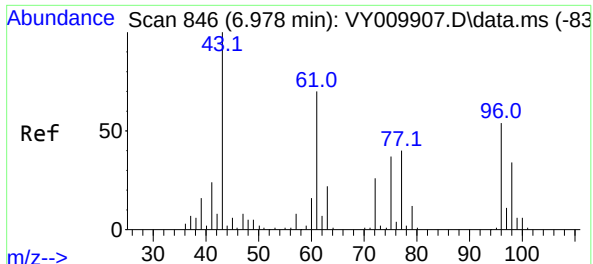
63 100

98 7.4 3.9 11.7

100 4.4 2.8 8.3







#25

2-Butanone

Concen: 223.976 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

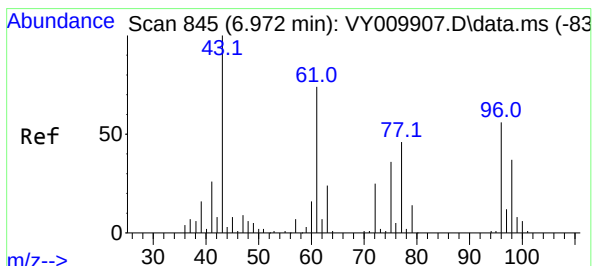
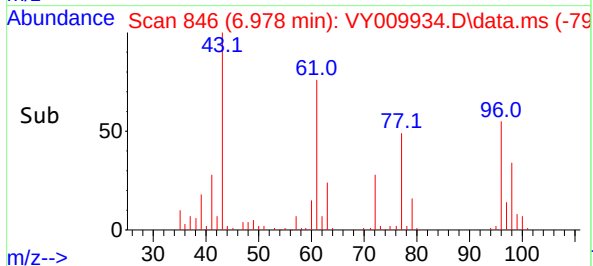
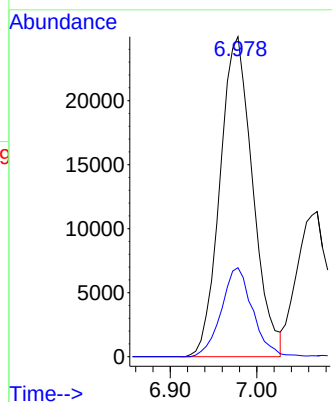
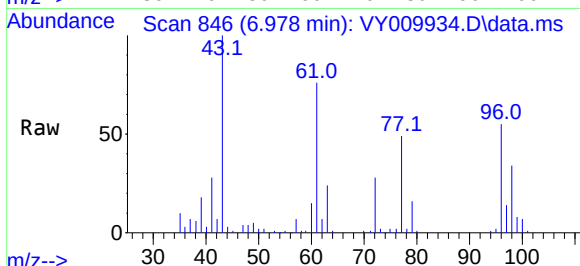
VSTDCCC050

Tgt Ion: 43 Resp: 65745

Ion Ratio Lower Upper

43 100

72 27.8 21.5 32.3



#26

2,2-Dichloropropane

Concen: 38.873 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY009934.D

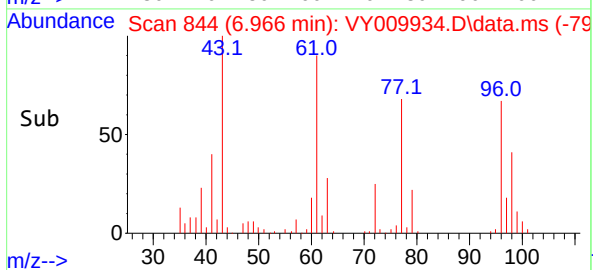
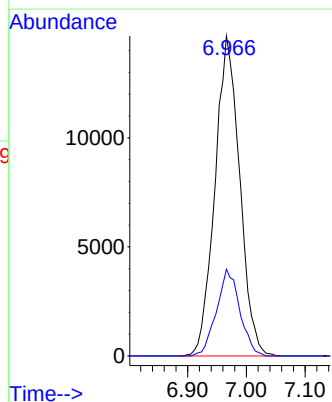
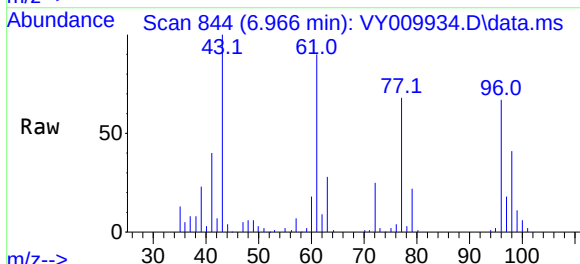
Acq: 09 Aug 2022 21:21

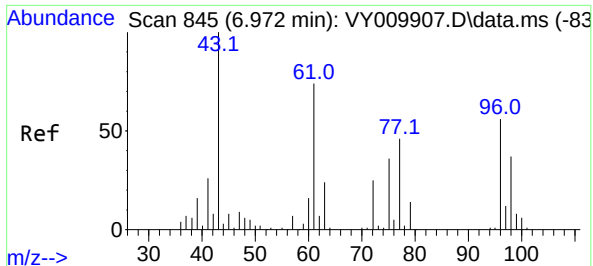
Tgt Ion: 77 Resp: 42907

Ion Ratio Lower Upper

77 100

97 25.5 11.7 35.0

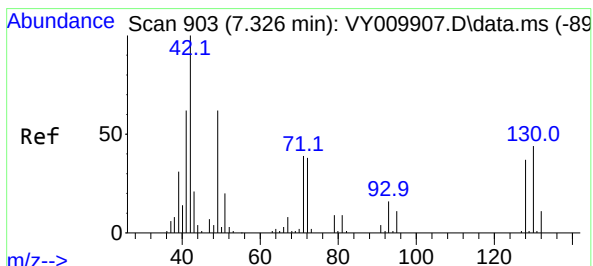
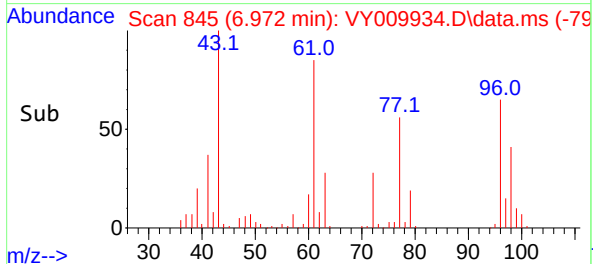
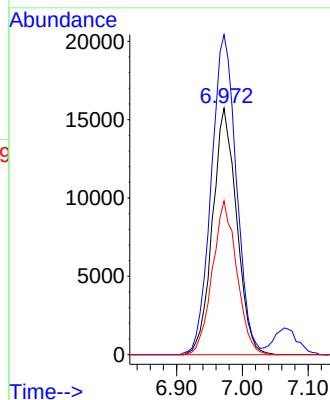
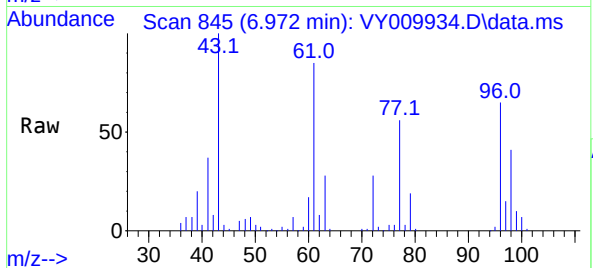




#27  
cis-1,2-Dichloroethene  
Concen: 51.425 ug/l  
RT: 6.972 min Scan# 845  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

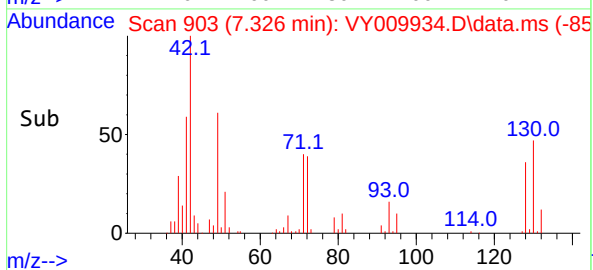
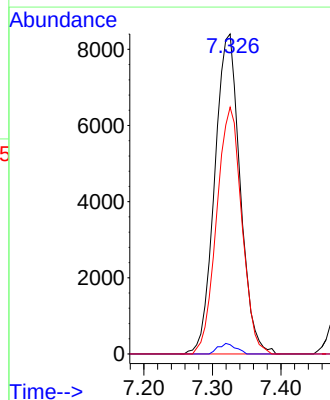
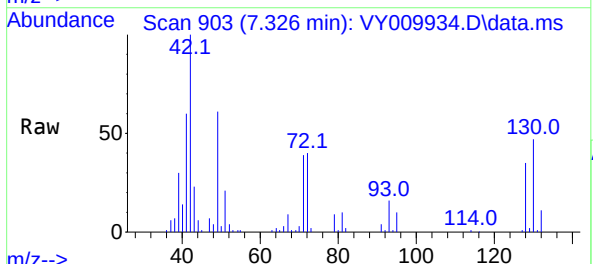
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

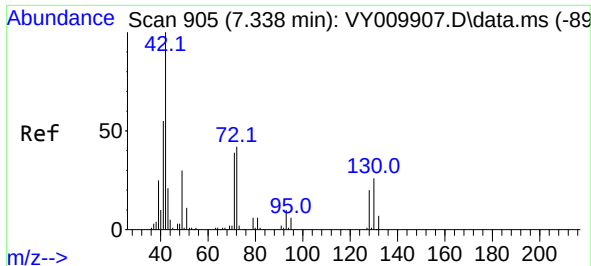
Tgt Ion: 96 Resp: 40162  
Ion Ratio Lower Upper  
96 100  
61 135.1 0.0 285.6  
98 62.9 0.0 131.0



#28  
Bromochloromethane  
Concen: 48.809 ug/l  
RT: 7.326 min Scan# 903  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 49 Resp: 21617  
Ion Ratio Lower Upper  
49 100  
129 2.3 0.0 4.6  
130 76.3 64.1 96.1

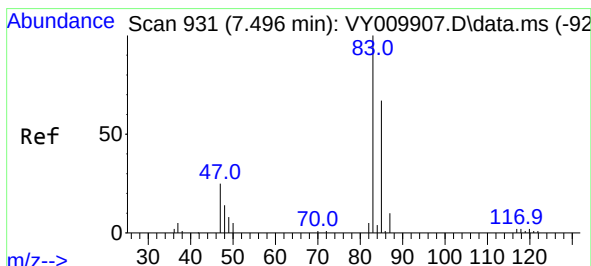
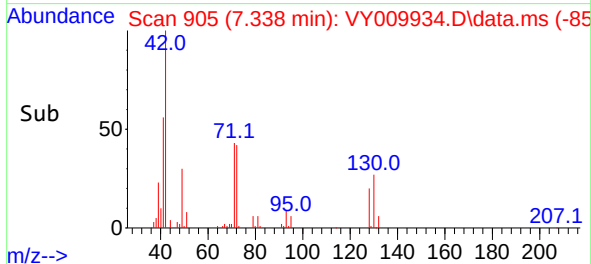
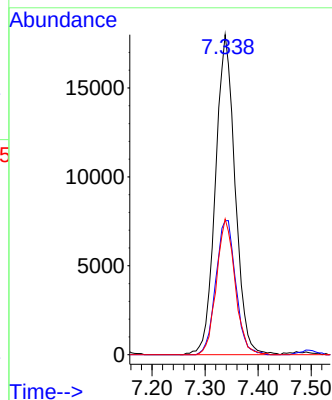
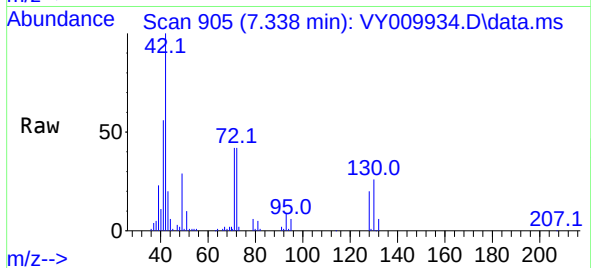




#29  
Tetrahydrofuran  
Concen: 241.879 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

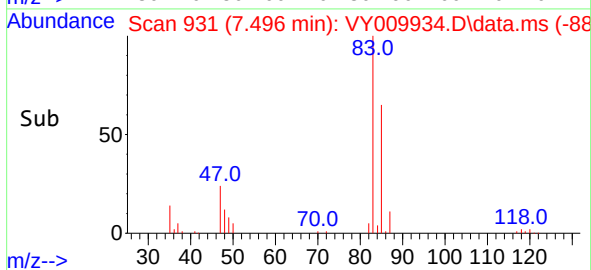
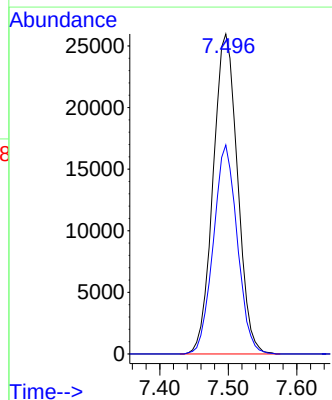
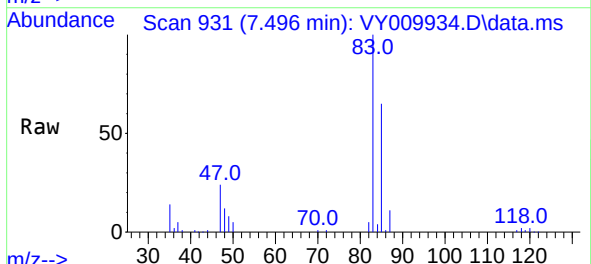
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

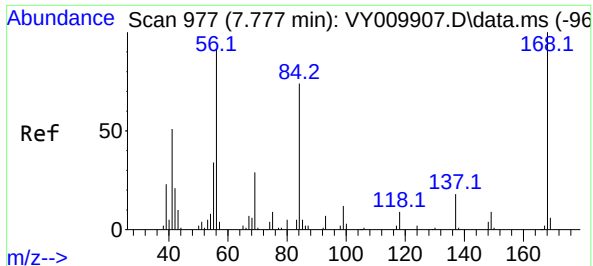
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 46345 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.4  | 34.6  | 52.0  |
| 71       | 40.3  | 32.7  | 49.1  |



#30  
Chloroform  
Concen: 50.192 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 64147 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 65.3  | 50.5  | 75.7  |

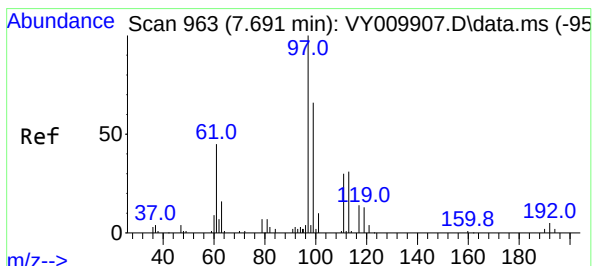
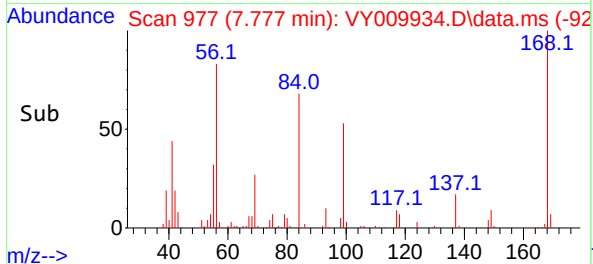
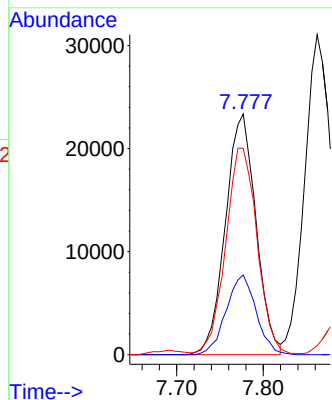
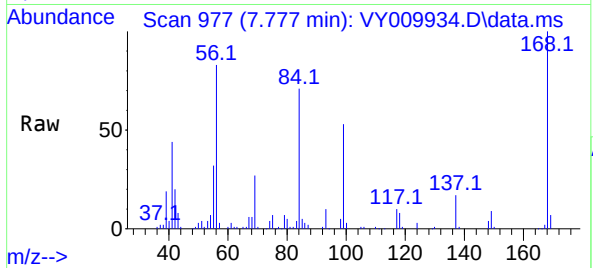




#31  
Cyclohexane  
Concen: 46.627 ug/l  
RT: 7.777 min Scan# 91  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

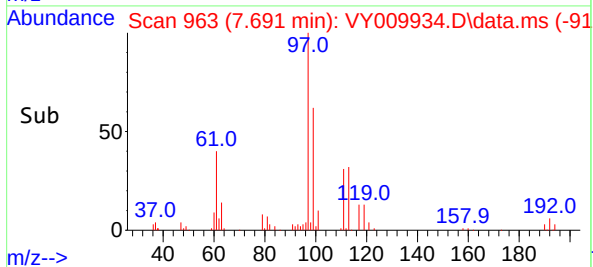
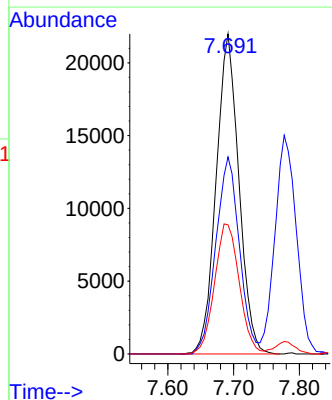
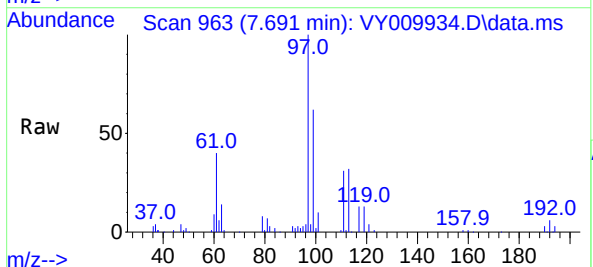
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

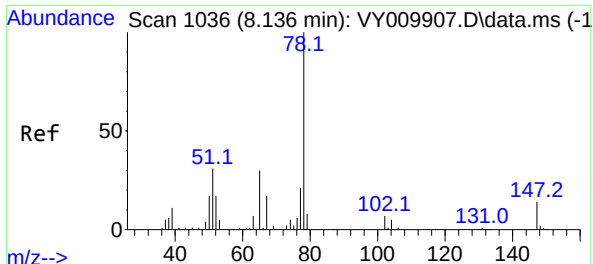
Tgt Ion: 56 Resp: 57198  
Ion Ratio Lower Upper  
56 100  
69 33.1 26.0 39.0  
84 84.5 69.5 104.3



#32  
1,1,1-Trichloroethane  
Concen: 49.075 ug/l  
RT: 7.691 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 97 Resp: 52911  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.8 77.8  
61 44.2 33.7 50.5





#33

1,2-Dichloroethane-d4

Concen: 48.791 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

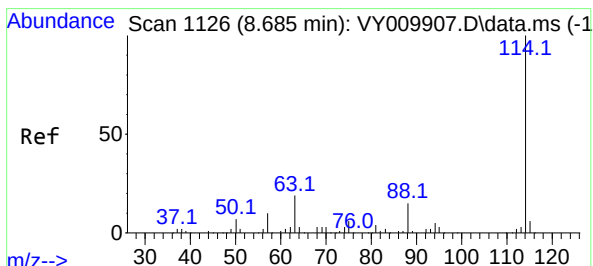
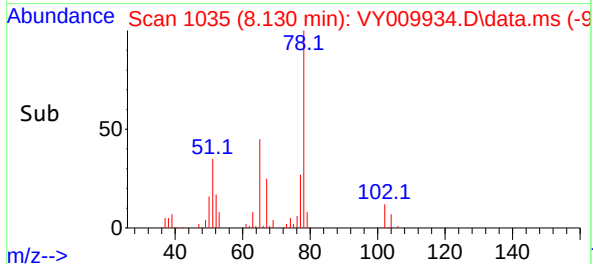
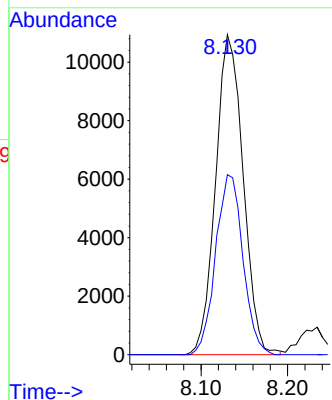
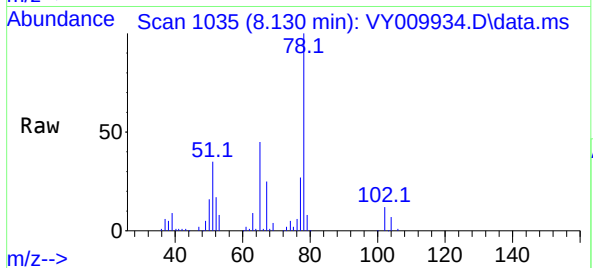
VSTDCCC050

Tgt Ion: 65 Resp: 24205

Ion Ratio Lower Upper

65 100

67 55.6 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

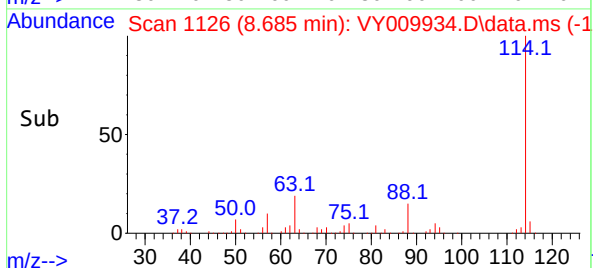
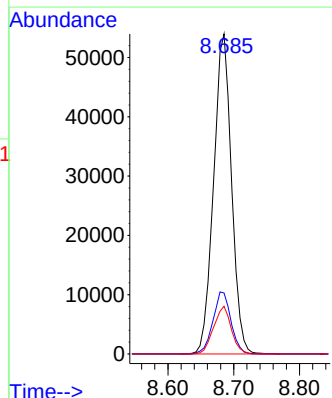
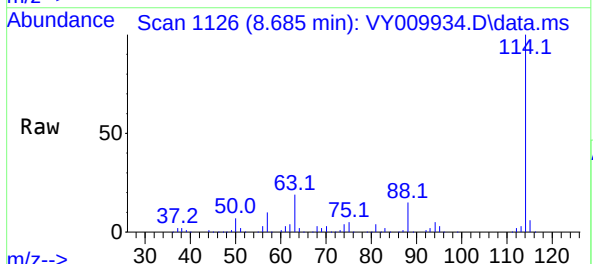
Tgt Ion: 114 Resp: 102374

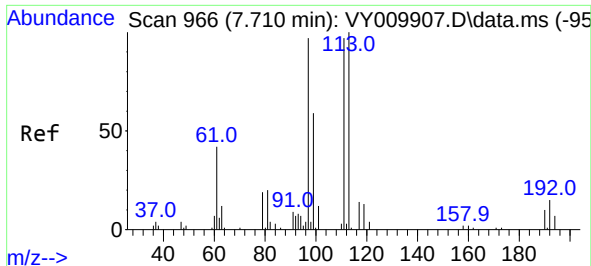
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.0

88 14.9 0.0 30.0

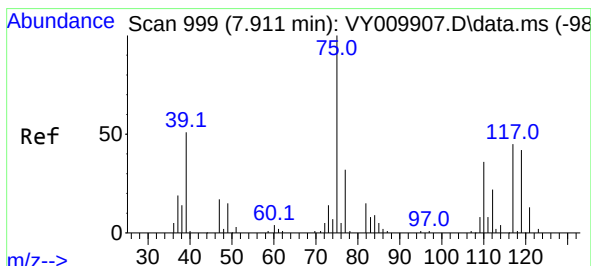
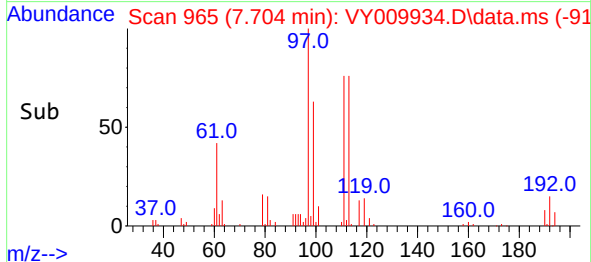
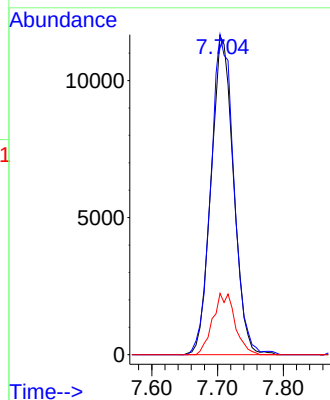
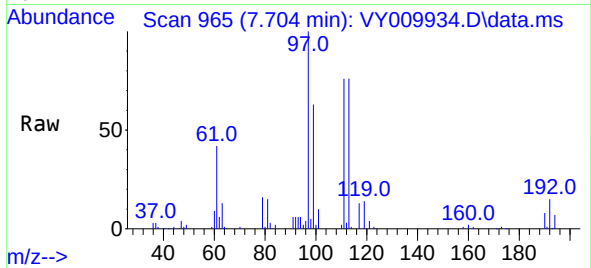




#35  
Dibromofluoromethane  
Concen: 49.695 ug/l  
RT: 7.704 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

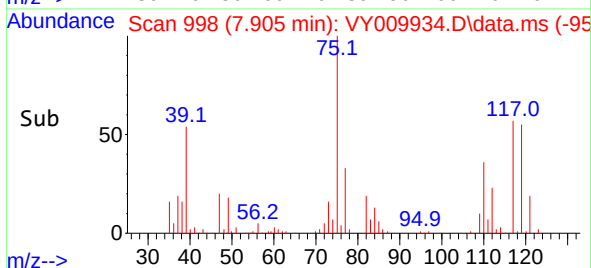
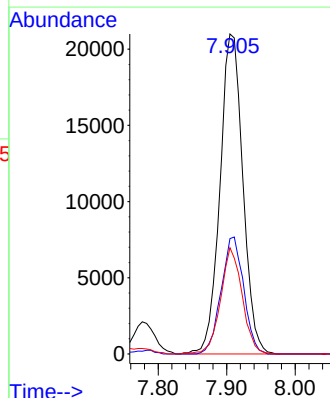
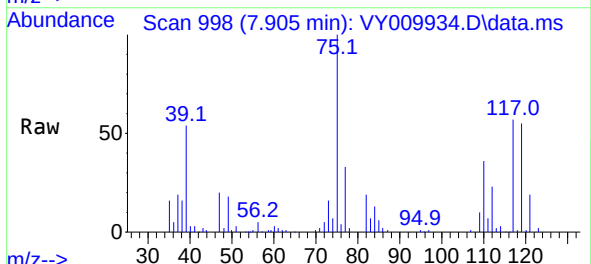
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

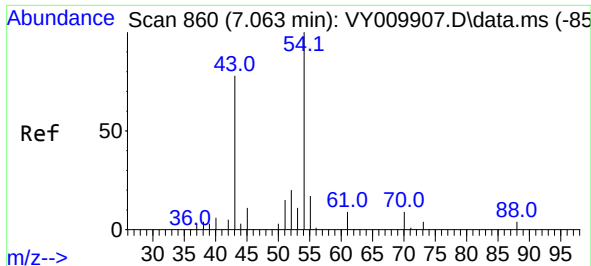
Tgt Ion:113 Resp: 27617  
Ion Ratio Lower Upper  
113 100  
111 103.0 80.6 120.8  
192 19.0 16.2 24.4



#36  
1,1-Dichloropropene  
Concen: 51.903 ug/l  
RT: 7.905 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 75 Resp: 48671  
Ion Ratio Lower Upper  
75 100  
110 35.9 18.6 56.0  
77 31.3 25.0 37.4



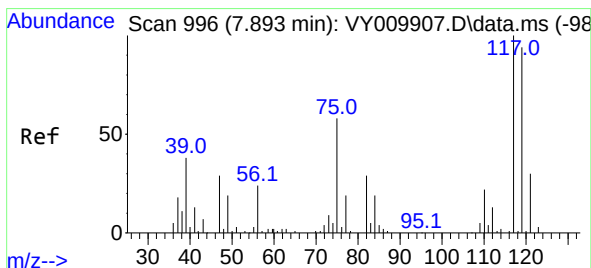
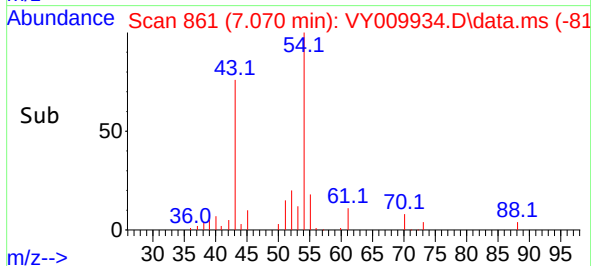
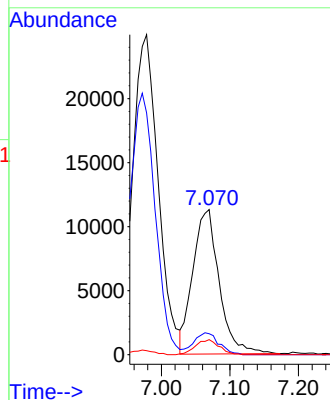
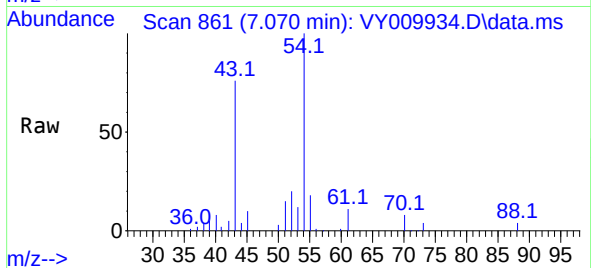


#37  
Ethyl Acetate  
Concen: 48.527 ug/l  
RT: 7.070 min Scan# 861  
Delta R.T. 0.007 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 30192

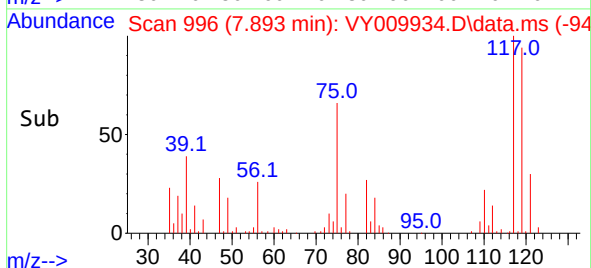
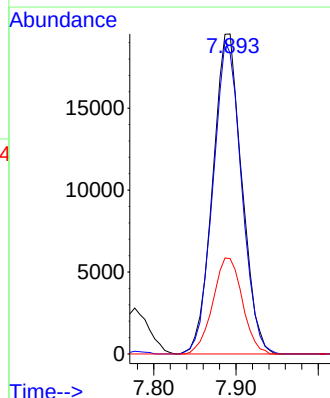
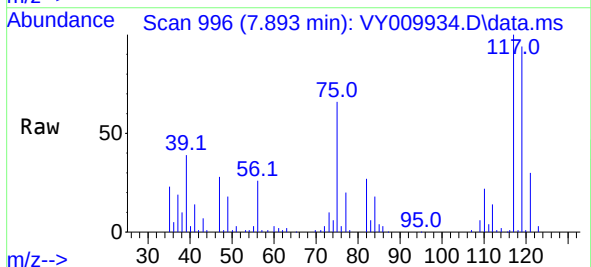
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 14.1  | 11.2  | 16.8  |
| 70  | 9.3   | 8.4   | 12.6  |

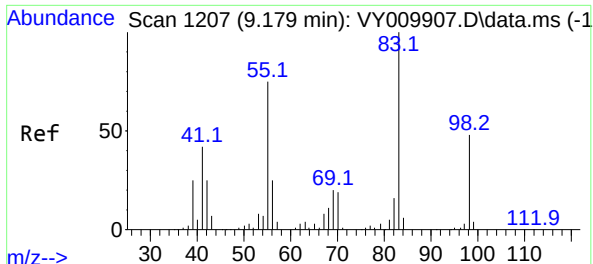


#38  
Carbon Tetrachloride  
Concen: 51.474 ug/l  
RT: 7.893 min Scan# 996  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 117 Resp: 47907

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 93.9  | 75.9  | 113.9 |
| 121 | 29.8  | 24.9  | 37.3  |





#39

Methylcyclohexane

Concen: 52.292 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

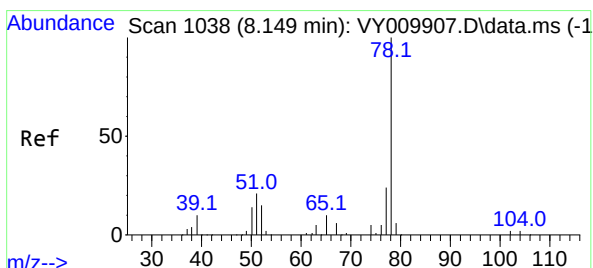
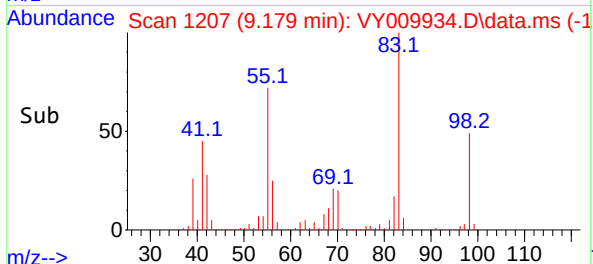
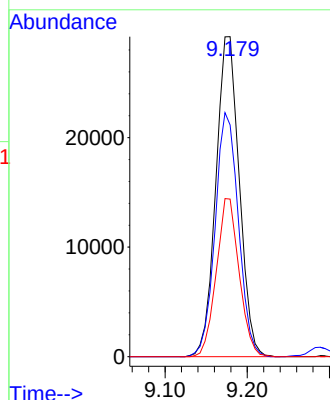
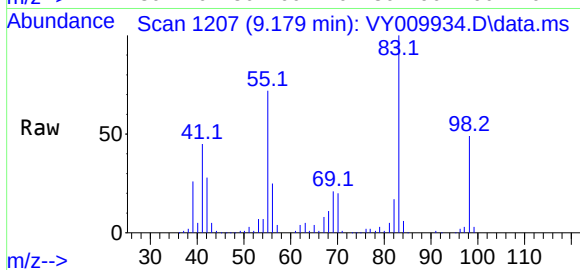
Tgt Ion: 83 Resp: 57818

Ion Ratio Lower Upper

83 100

55 72.4 56.7 85.1

98 49.3 39.9 59.9



#40

Benzene

Concen: 53.179 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VY009934.D

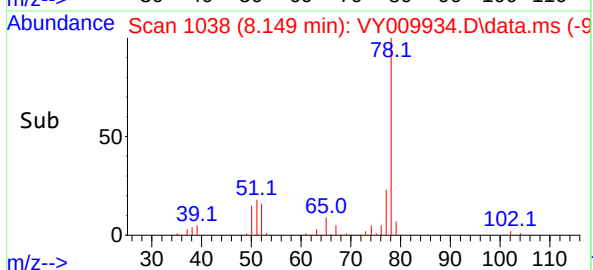
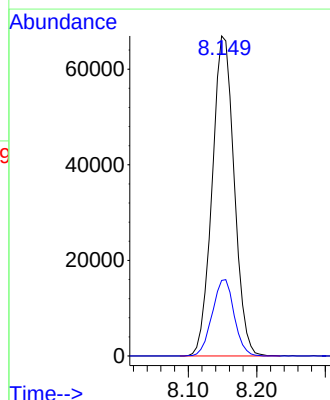
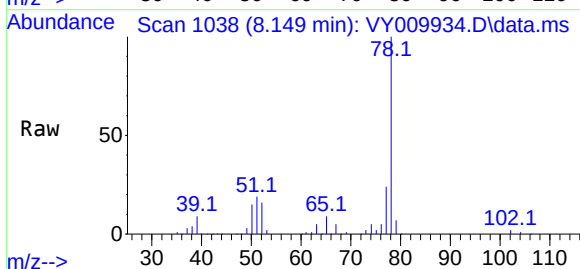
Acq: 09 Aug 2022 21:21

Tgt Ion: 78 Resp: 149478

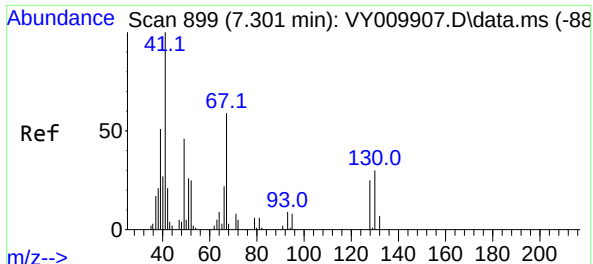
Ion Ratio Lower Upper

78 100

77 23.6 19.4 29.0



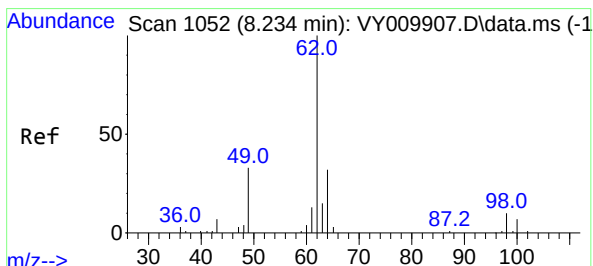
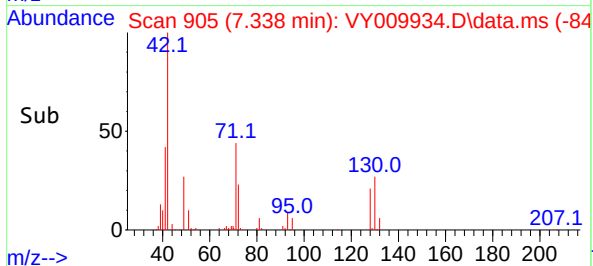
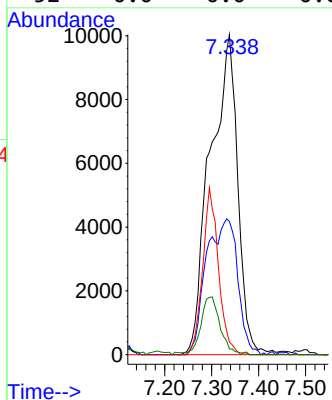
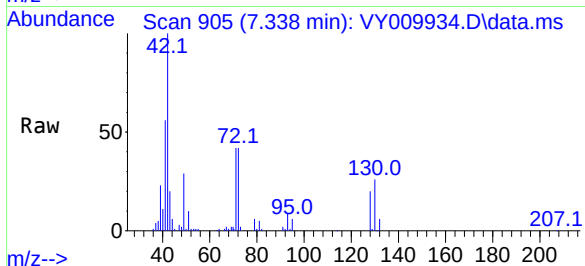




#41  
Methacrylonitrile  
Concen: 119.799 ug/l  
RT: 7.338 min Scan# 905  
Delta R.T. 0.043 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

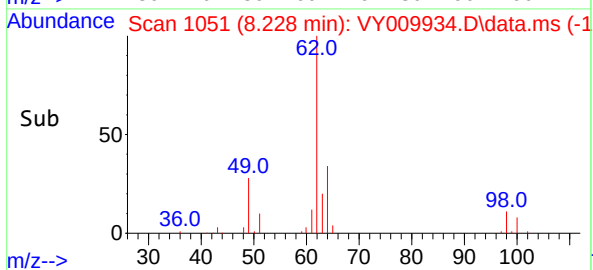
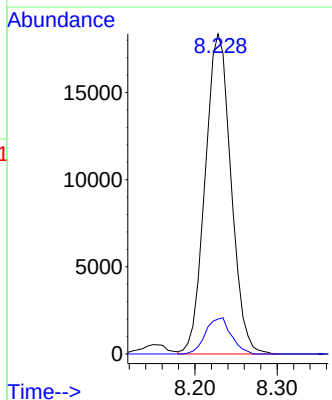
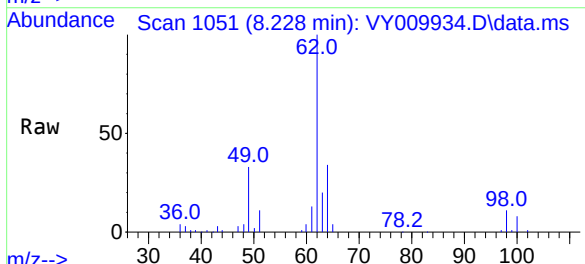
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

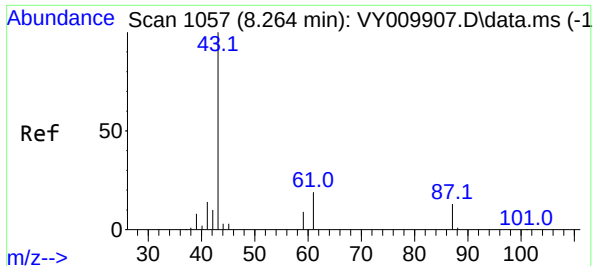
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 40711 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 0.0   | 0.0   | 0.0   |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 51.510 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. -0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 40173 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 11.1  | 0.0   | 20.6  |

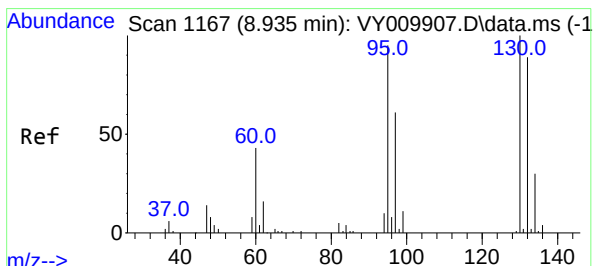
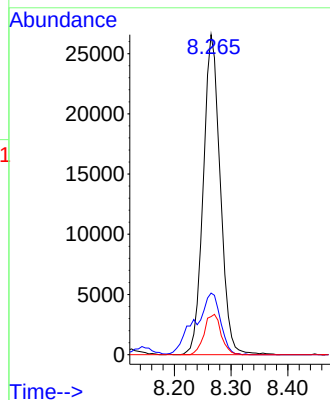
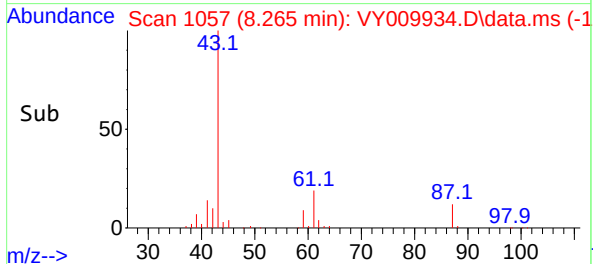
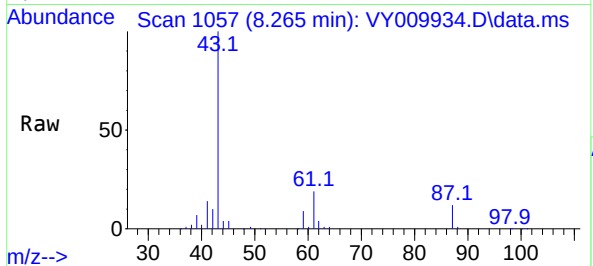




#43  
Isopropyl Acetate  
Concen: 49.873 ug/l  
RT: 8.265 min Scan# 1105  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

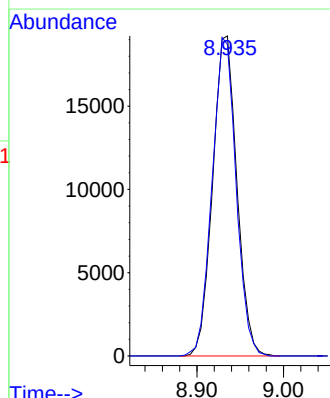
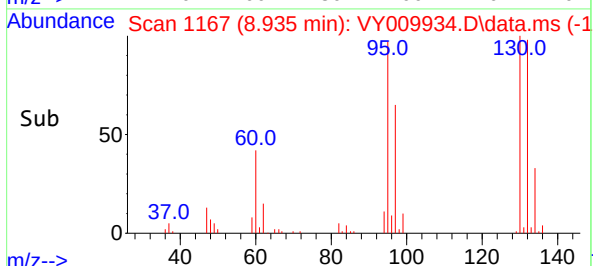
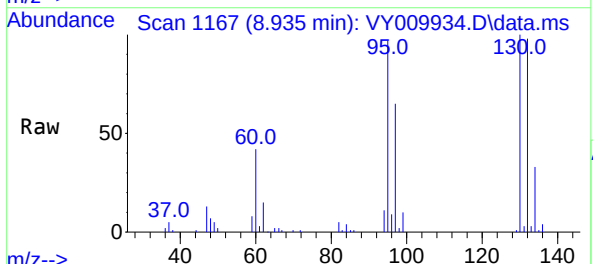
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

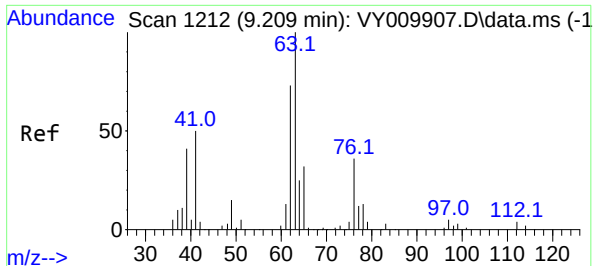
Tgt Ion: 43 Resp: 55236  
Ion Ratio Lower Upper  
43 100  
61 29.0 23.6 35.4  
87 12.6 11.3 16.9



#44  
Trichloroethene  
Concen: 51.208 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 130 Resp: 37289  
Ion Ratio Lower Upper  
130 100  
95 97.4 0.0 194.6





#45

1,2-Dichloropropane

Concen: 53.231 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. 0.001 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

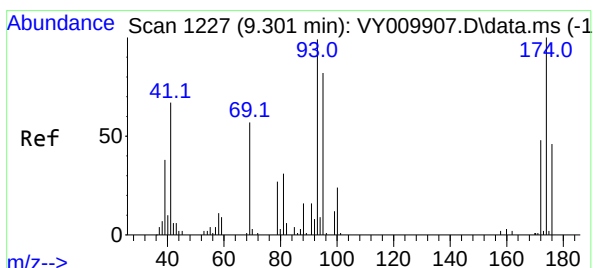
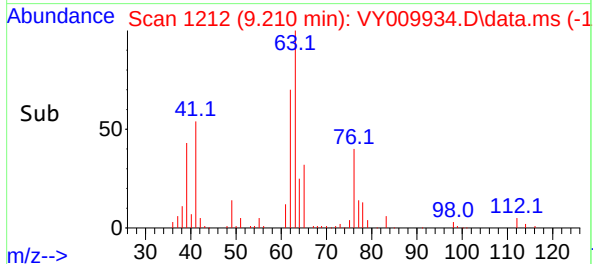
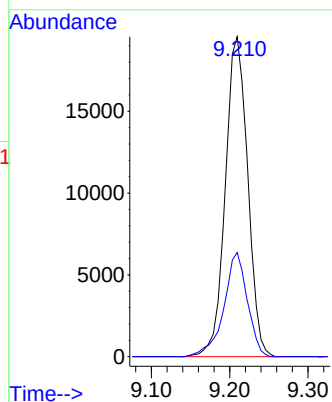
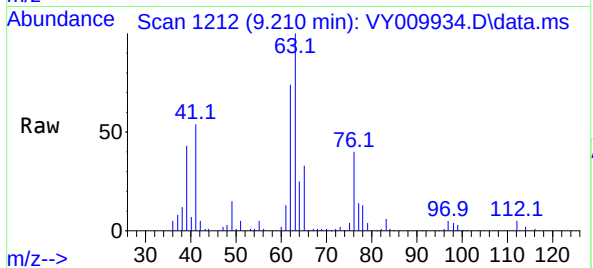
VSTDCCC050

Tgt Ion: 63 Resp: 38818

Ion Ratio Lower Upper

63 100

65 32.5 23.7 35.5



#46

Dibromomethane

Concen: 54.395 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

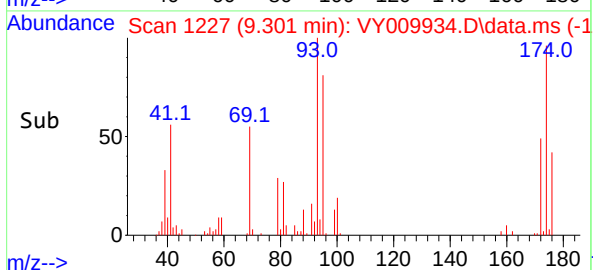
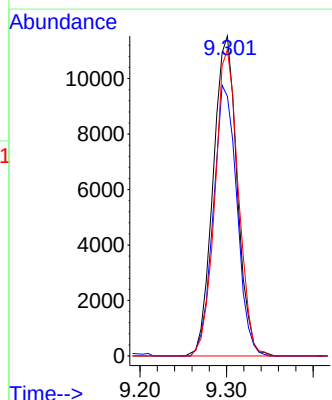
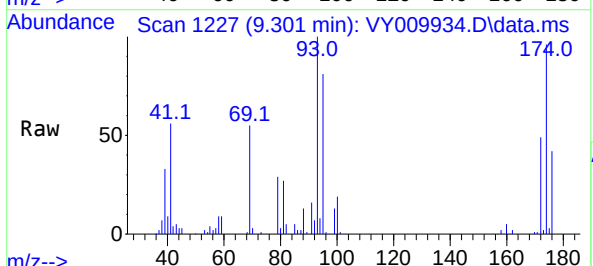
Tgt Ion: 93 Resp: 22174

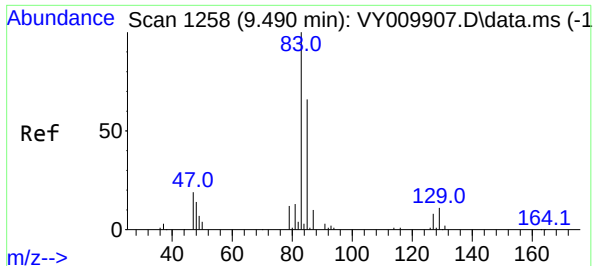
Ion Ratio Lower Upper

93 100

95 83.1 66.3 99.5

174 93.1 80.6 120.8

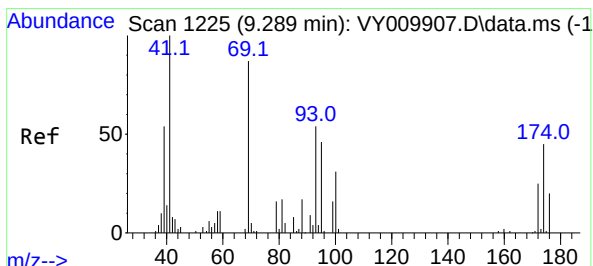
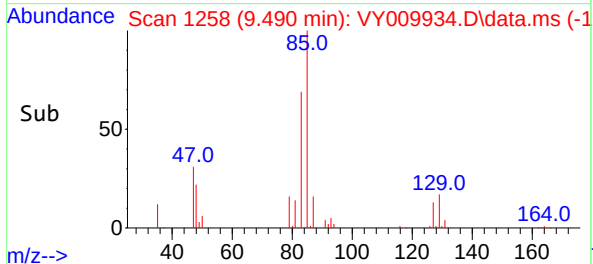
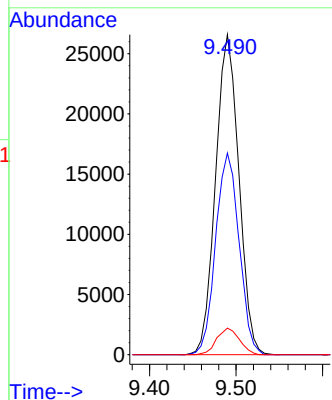
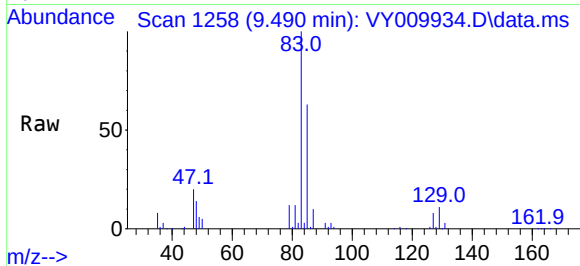




#47  
Bromodichloromethane  
Concen: 53.052 ug/l  
RT: 9.490 min Scan# 1258  
Delta R.T. -0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

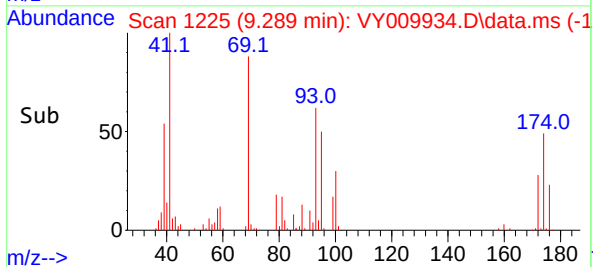
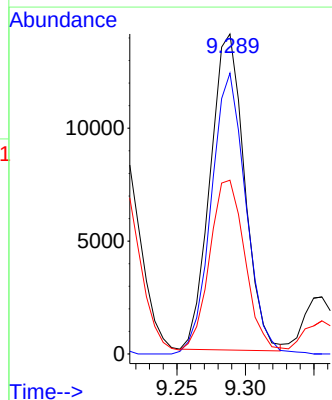
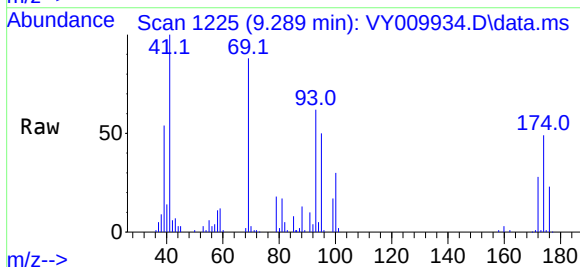
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

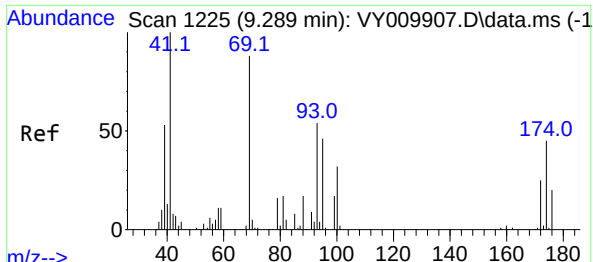
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 49625 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.0  | 51.2  | 76.8  |
| 127      | 8.3   | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 49.454 ug/l  
RT: 9.289 min Scan# 1225  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24364 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 89.5  | 73.2  | 109.8 |
| 39       | 55.6  | 47.5  | 71.3  |

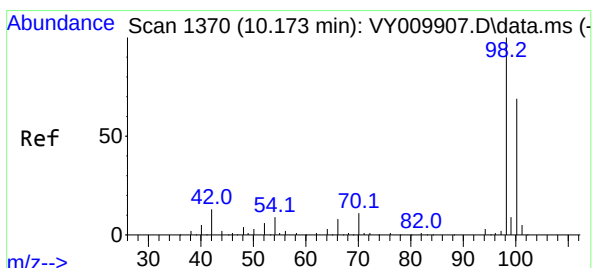
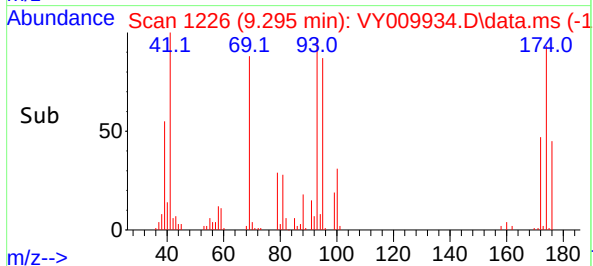
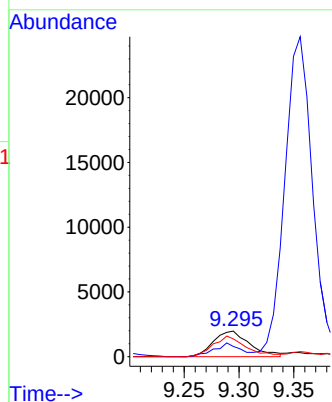
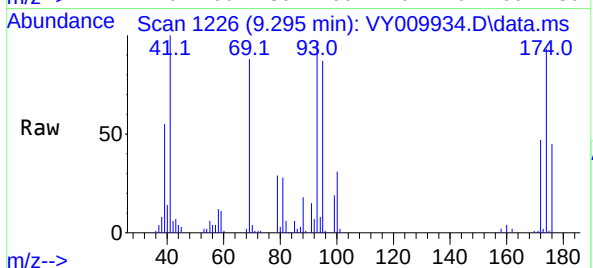




#49  
1,4-Dioxane  
Concen: 976.663 ug/l  
RT: 9.295 min Scan# 11  
Delta R.T. 0.007 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

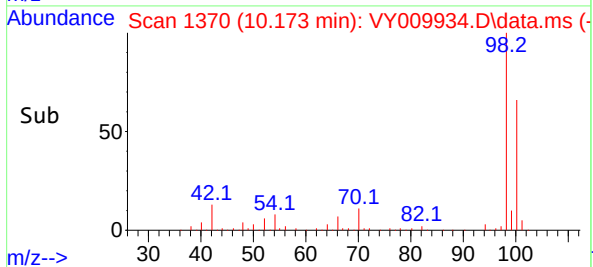
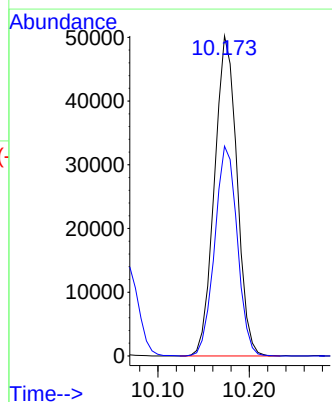
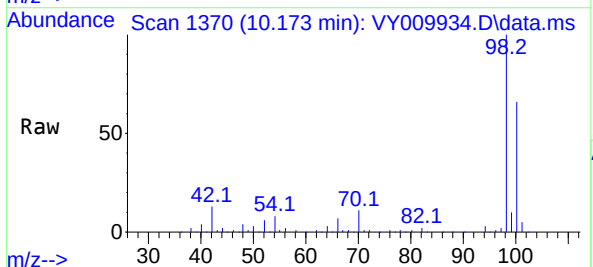
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

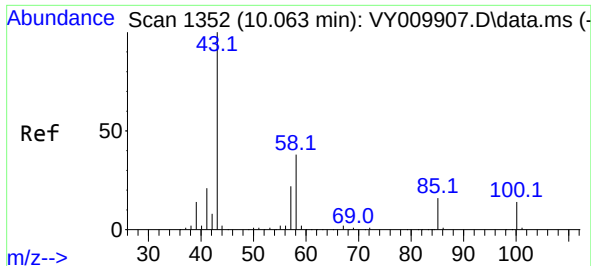
Tgt Ion: 88 Resp: 4570  
Ion Ratio Lower Upper  
88 100  
43 39.0 26.3 39.5  
58 73.0 52.6 79.0



#50  
Toluene-d8  
Concen: 51.132 ug/l  
RT: 10.173 min Scan# 1370  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 98 Resp: 85820  
Ion Ratio Lower Upper  
98 100  
100 65.8 52.9 79.3

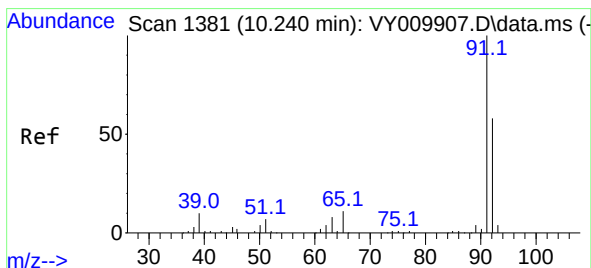
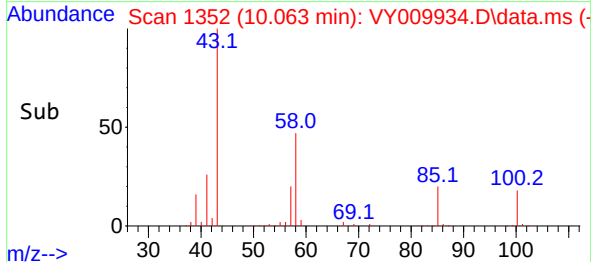
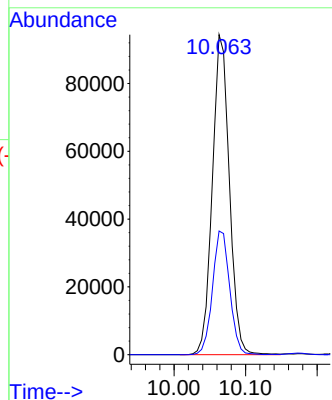
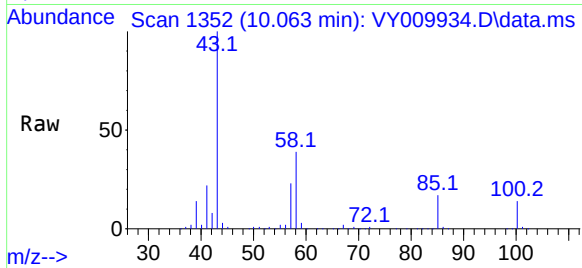




#51  
4-Methyl-2-Pentanone  
Concen: 254.725 ug/l  
RT: 10.063 min Scan# 1352  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

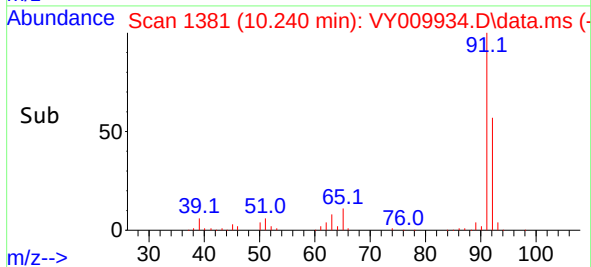
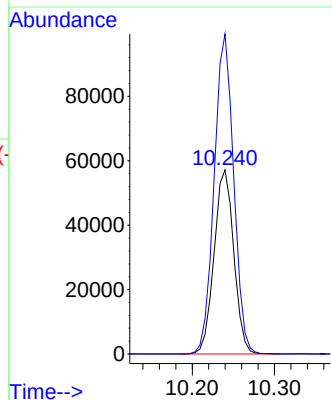
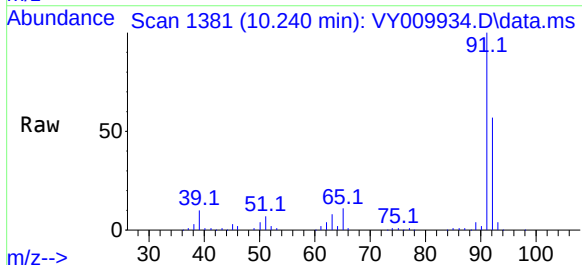
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

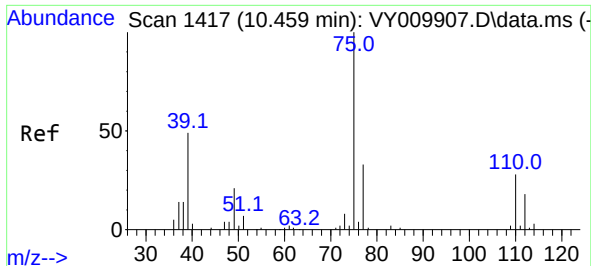
Tgt Ion: 43 Resp: 155916  
Ion Ratio Lower Upper  
43 100  
58 39.1 31.5 47.3



#52  
Toluene  
Concen: 54.688 ug/l  
RT: 10.240 min Scan# 1381  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 92 Resp: 95142  
Ion Ratio Lower Upper  
92 100  
91 172.3 138.7 208.1

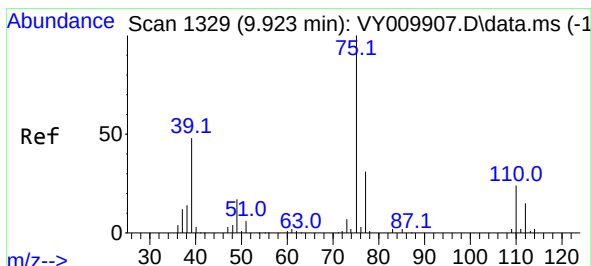
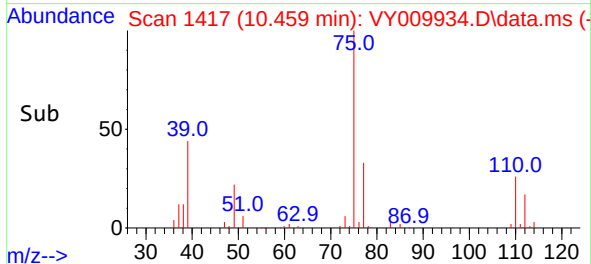
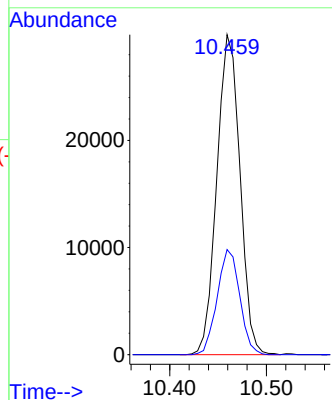
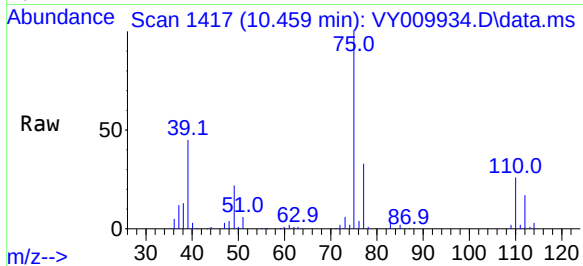




#53  
 t-1,3-Dichloropropene  
 Concen: 50.515 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

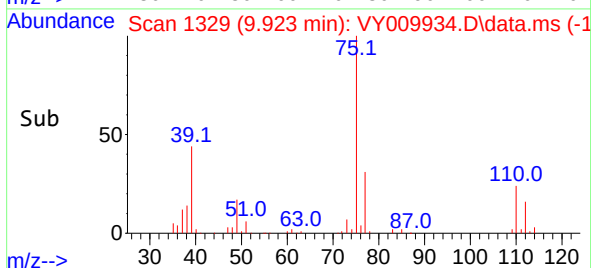
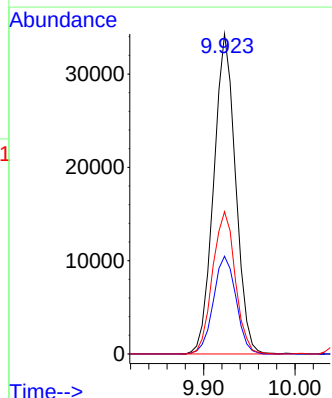
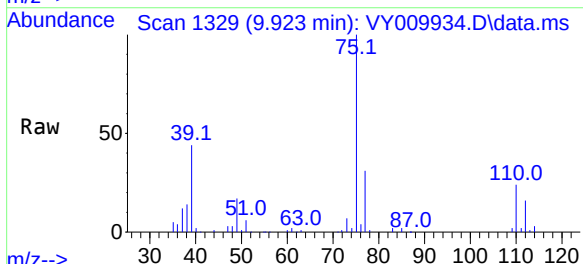
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

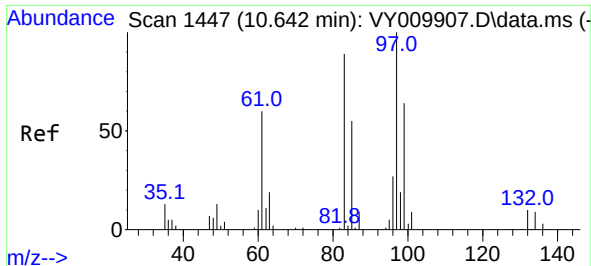
Tgt Ion: 75 Resp: 49544  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 25.4 38.0



#54  
 cis-1,3-Dichloropropene  
 Concen: 50.873 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. 0.001 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

Tgt Ion: 75 Resp: 56925  
 Ion Ratio Lower Upper  
 75 100  
 77 30.5 25.2 37.8  
 39 44.4 35.8 53.8



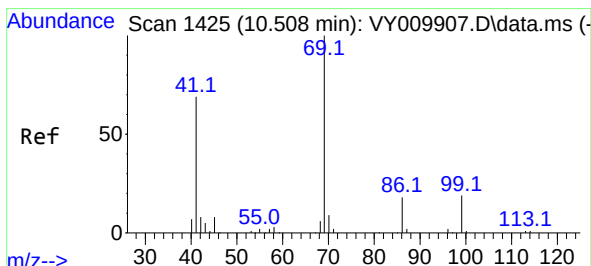
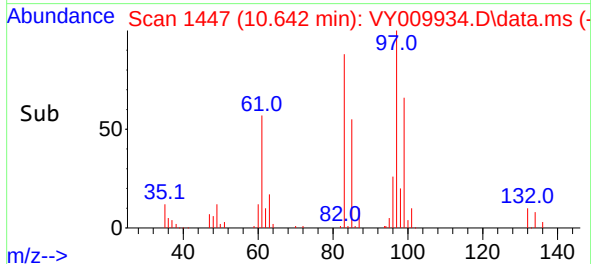
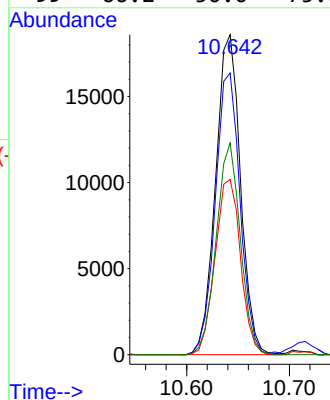
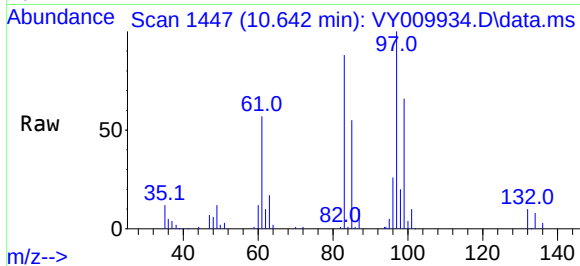


#55  
1,1,2-Trichloroethane  
Concen: 53.250 ug/l  
RT: 10.642 min Scan# 1447  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 31335

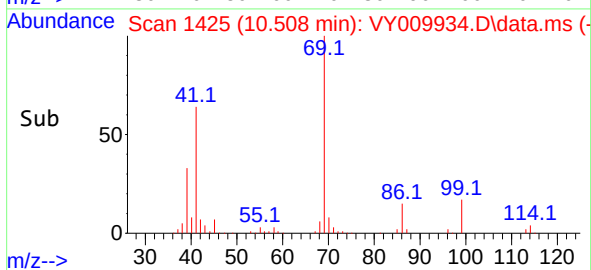
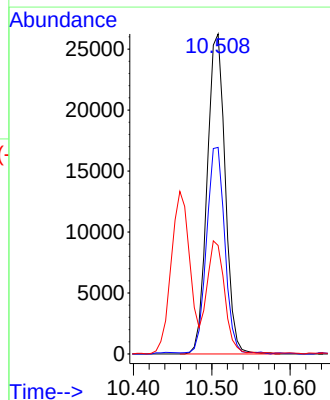
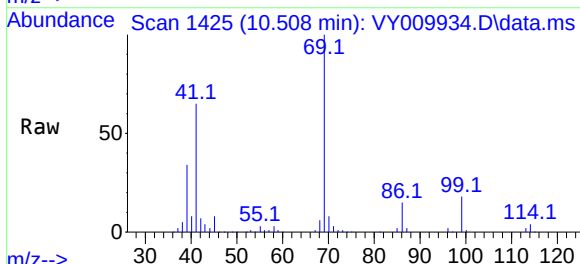
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.1  | 66.9  | 100.3 |
| 85  | 54.8  | 44.2  | 66.4  |
| 99  | 66.2  | 50.0  | 75.0  |



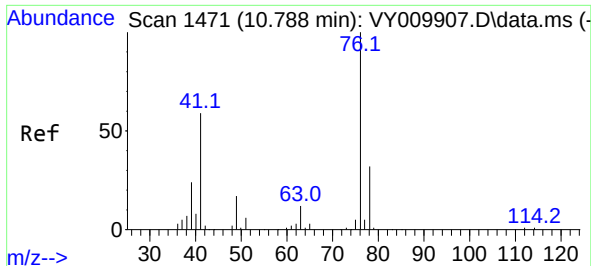
#56  
Ethyl methacrylate  
Concen: 55.080 ug/l  
RT: 10.508 min Scan# 1425  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 69 Resp: 41905

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 65.7  | 50.4  | 75.6  |
| 39  | 34.1  | 27.6  | 41.4  |



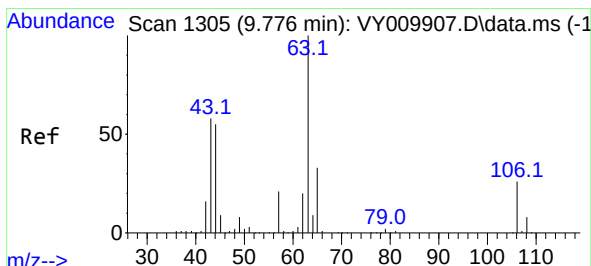
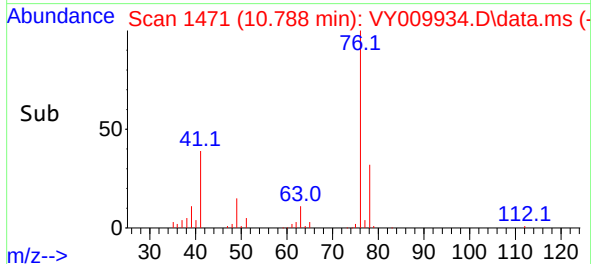
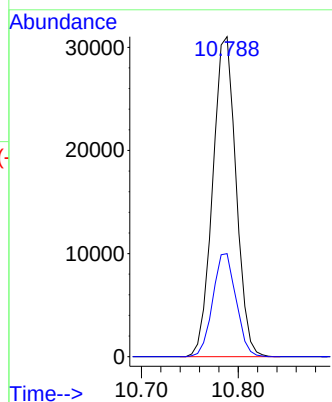
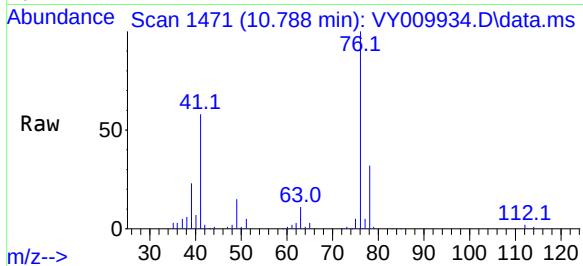




#57  
1,3-Dichloropropane  
Concen: 52.636 ug/l  
RT: 10.788 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

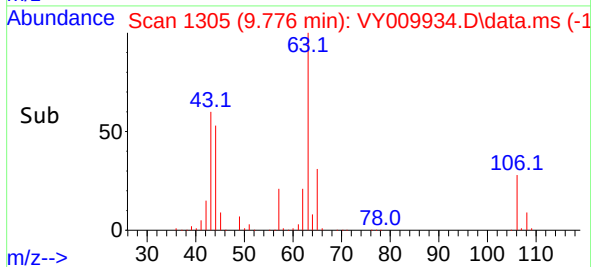
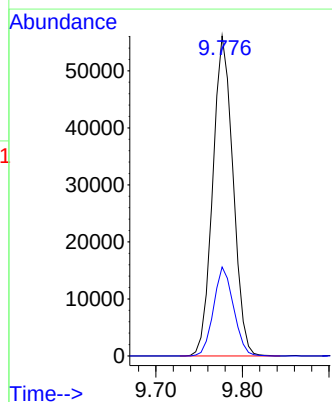
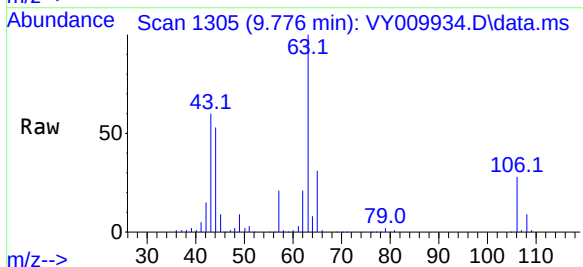
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

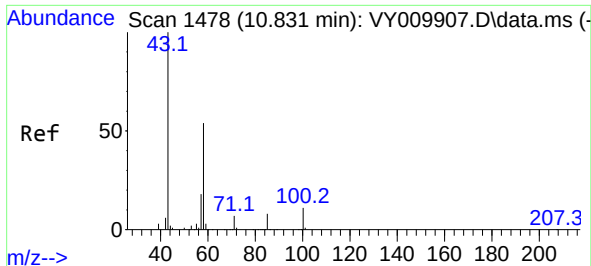
Tgt Ion: 76 Resp: 51951  
Ion Ratio Lower Upper  
76 100  
78 32.3 26.1 39.1



#58  
2-Chloroethyl Vinyl ether  
Concen: 259.306 ug/l  
RT: 9.776 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 63 Resp: 91269  
Ion Ratio Lower Upper  
63 100  
106 27.4 23.3 34.9





#59

2-Hexanone

Concen: 264.598 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY009934.D

Acq: 09 Aug 2022 21:21

Instrument :

MSVOA\_Y

ClientSampleId :

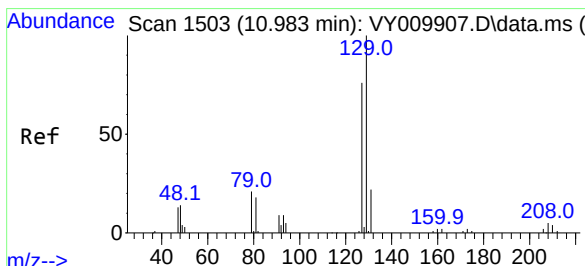
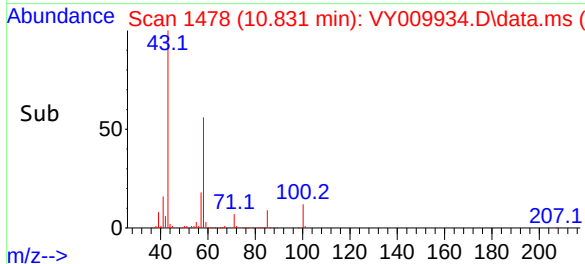
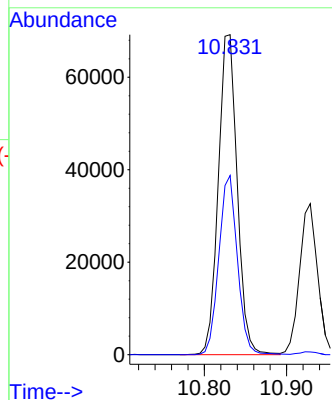
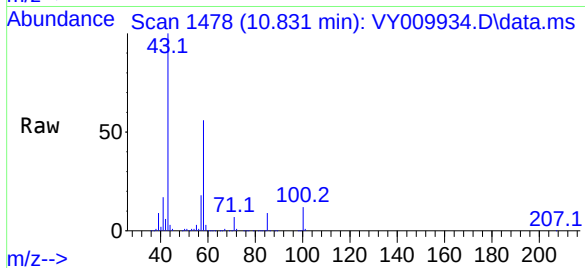
VSTDCCC050

Tgt Ion: 43 Resp: 110550

Ion Ratio Lower Upper

43 100

58 54.9 27.6 82.8



#60

Dibromochloromethane

Concen: 53.436 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. 0.000 min

Lab File: VY009934.D

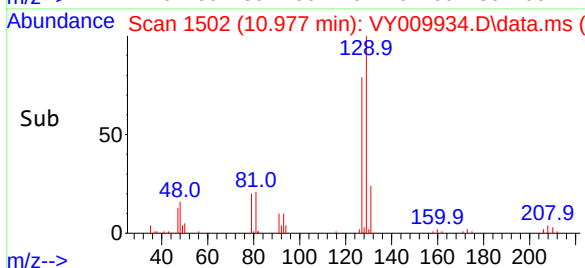
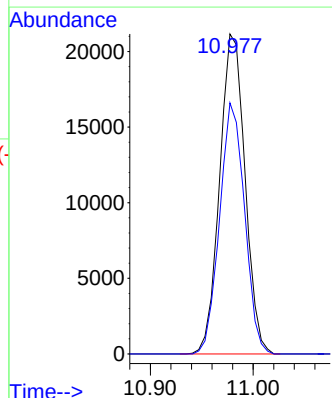
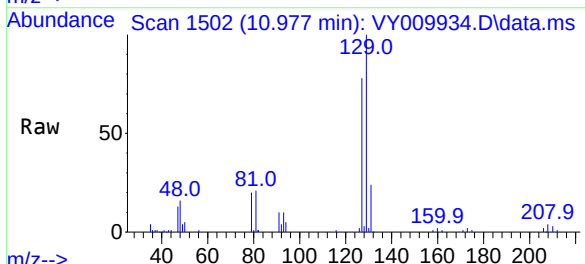
Acq: 09 Aug 2022 21:21

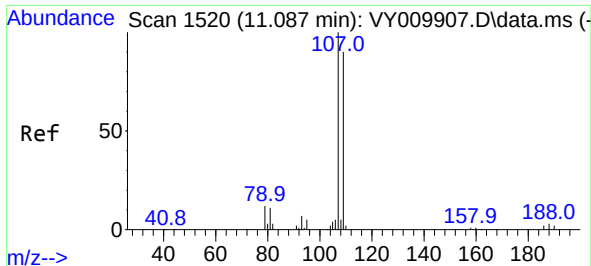
Tgt Ion: 129 Resp: 36201

Ion Ratio Lower Upper

129 100

127 77.2 38.8 116.4

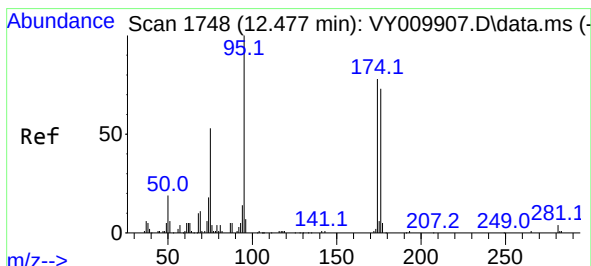
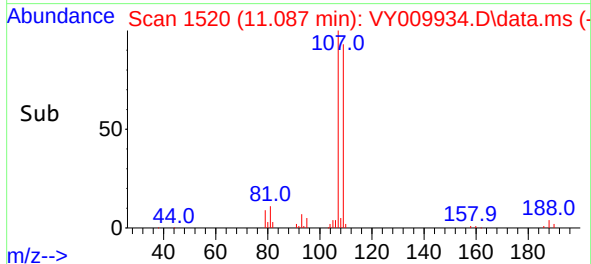
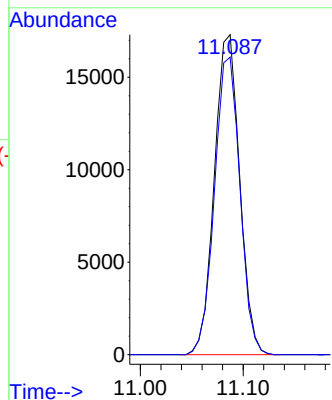
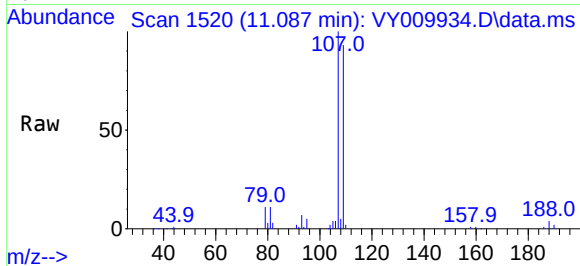




#61  
1,2-Dibromoethane  
Concen: 52.859 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

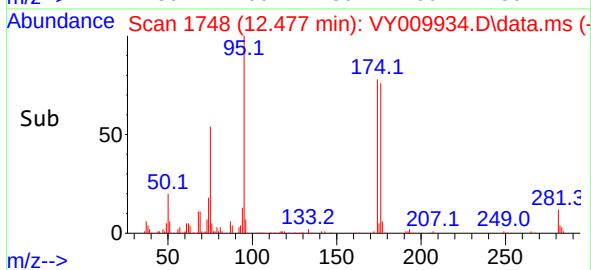
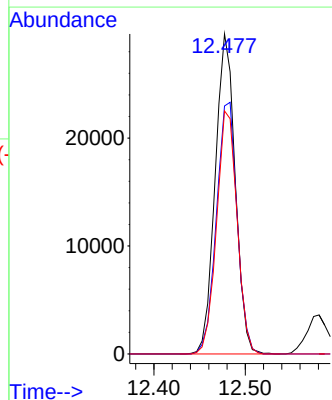
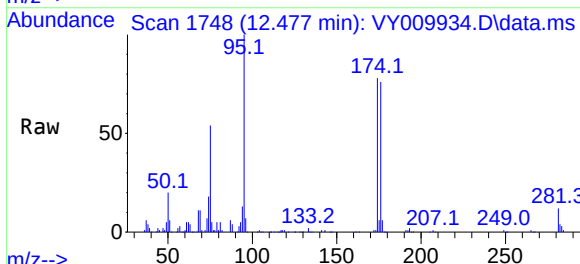
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

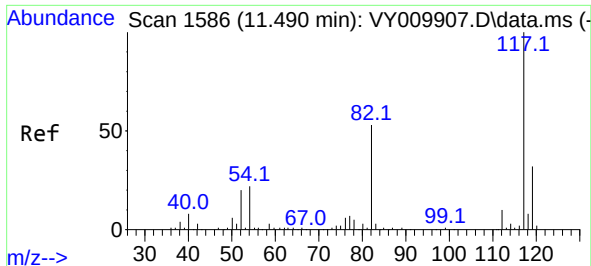
Tgt Ion:107 Resp: 29574  
Ion Ratio Lower Upper  
107 100  
109 93.6 73.9 110.9



#62  
4-Bromofluorobenzene  
Concen: 58.093 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 95 Resp: 45078  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 173.8  
176 77.6 0.0 167.0

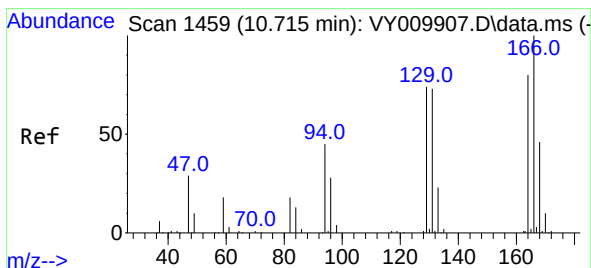
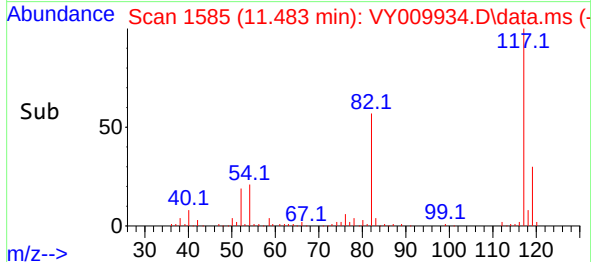
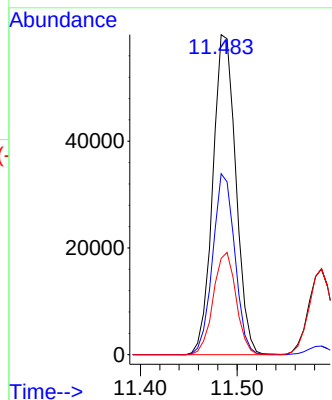
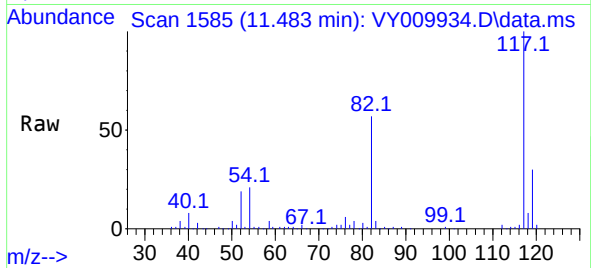




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.483 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

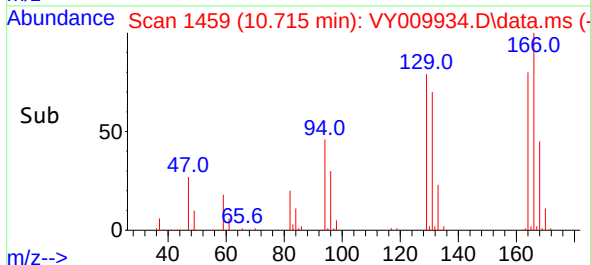
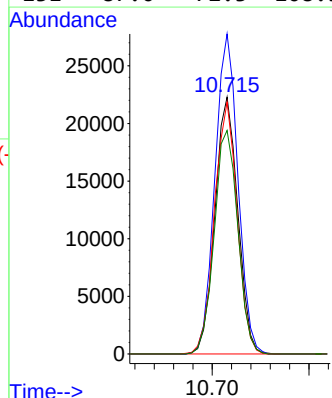
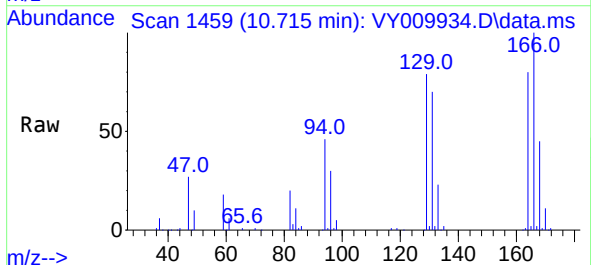
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

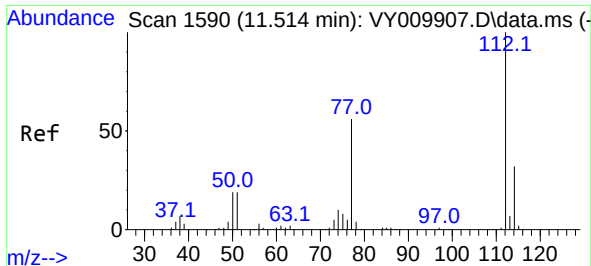
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:117 | Resp: | 99296 |       |
| Ion         | Ratio | Lower | Upper |
| 117         | 100   |       |       |
| 82          | 56.5  | 41.8  | 62.6  |
| 119         | 30.1  | 25.6  | 38.4  |



#64  
Tetrachloroethene  
Concen: 50.235 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:164 | Resp: | 36537 |       |
| Ion         | Ratio | Lower | Upper |
| 164         | 100   |       |       |
| 166         | 124.6 | 104.9 | 157.3 |
| 129         | 98.0  | 76.5  | 114.7 |
| 131         | 87.0  | 72.3  | 108.5 |

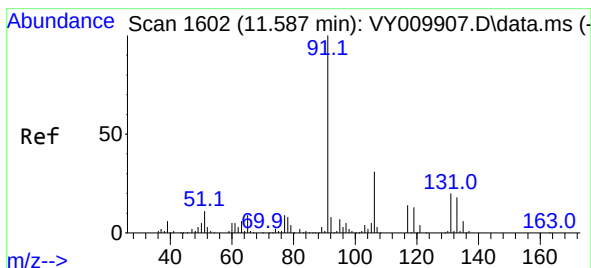
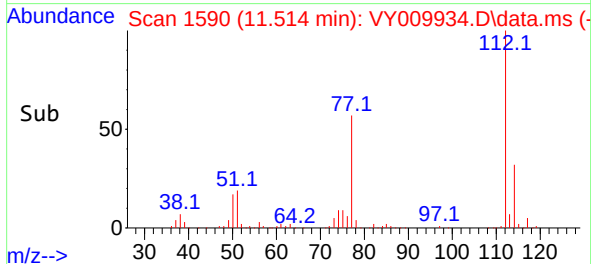
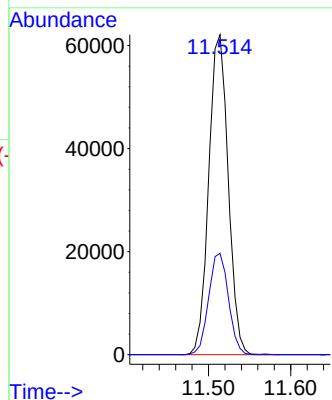
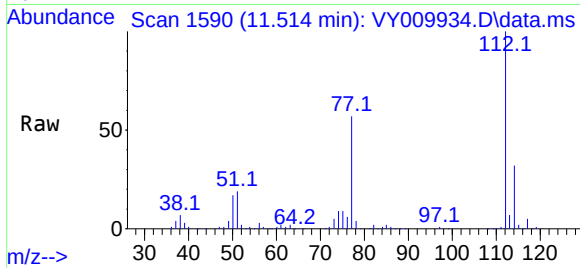




#65  
Chlorobenzene  
Concen: 51.818 ug/l  
RT: 11.514 min Scan# 111  
Delta R.T. -0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

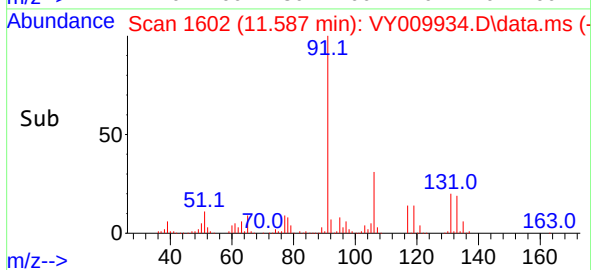
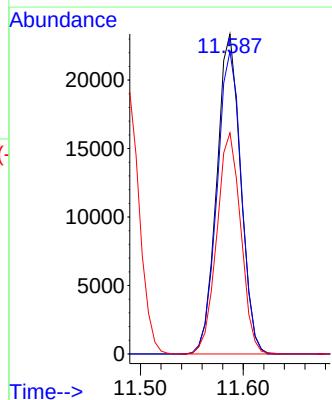
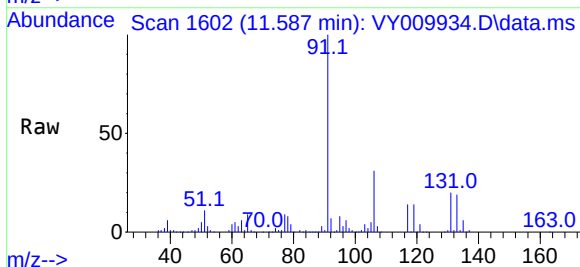
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

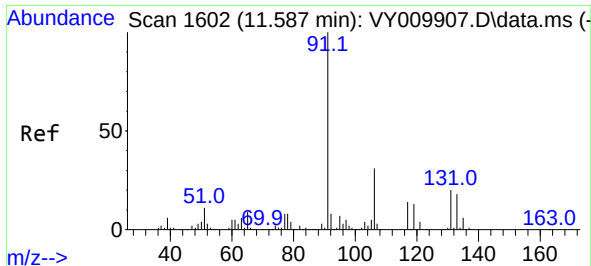
Tgt Ion:112 Resp: 102154  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.3 37.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.780 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:131 Resp: 37612  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.3 142.0  
119 69.6 32.1 96.3

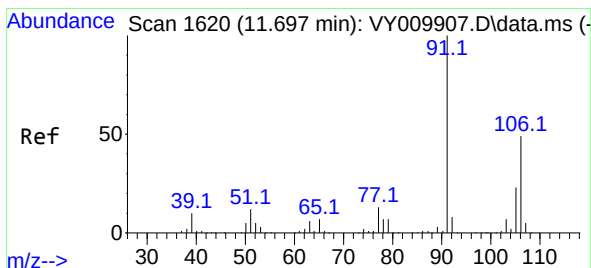
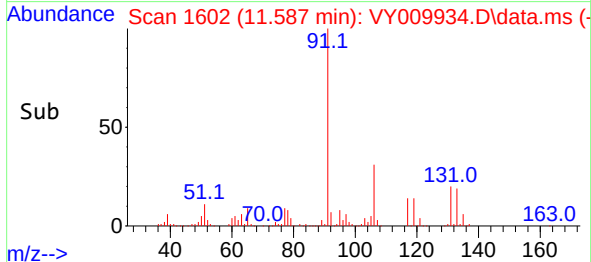
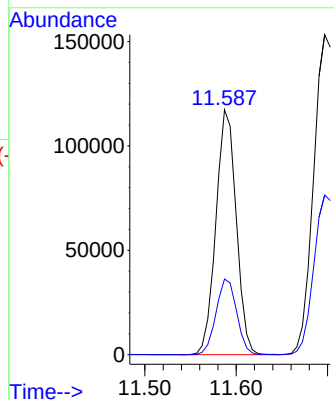
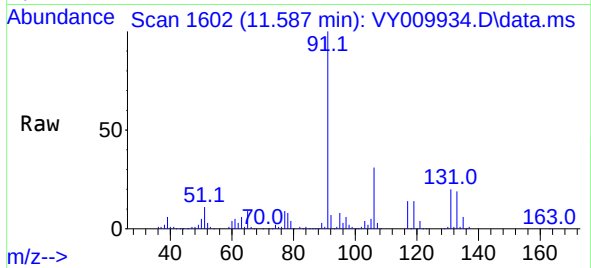




#67  
Ethyl Benzene  
Concen: 53.128 ug/l  
RT: 11.587 min Scan# 1602  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

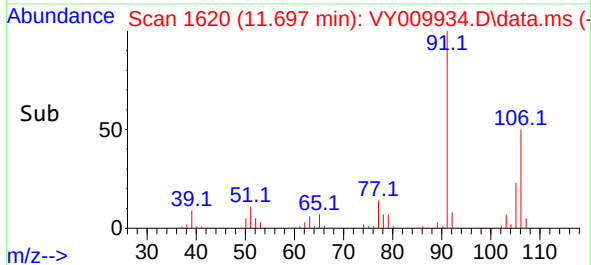
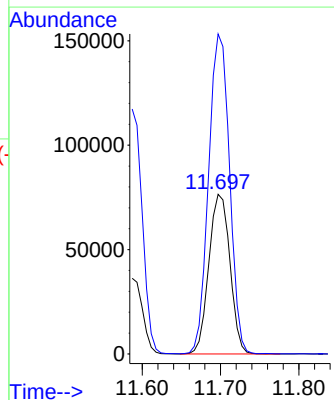
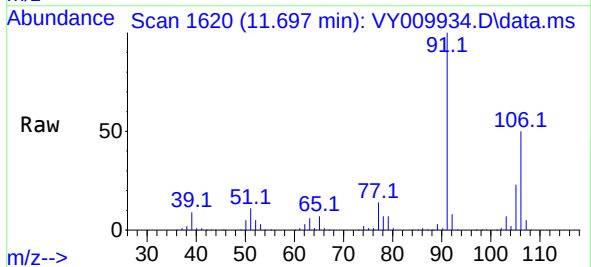
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

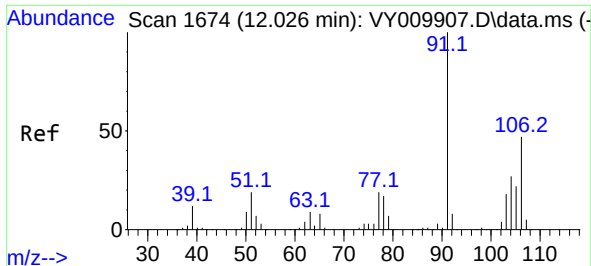
Tgt Ion: 91 Resp: 181397  
Ion Ratio Lower Upper  
91 100  
106 30.9 26.2 39.4



#68  
m/p-Xylenes  
Concen: 109.494 ug/l  
RT: 11.697 min Scan# 1620  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 106 Resp: 143035  
Ion Ratio Lower Upper  
106 100  
91 198.7 156.2 234.2

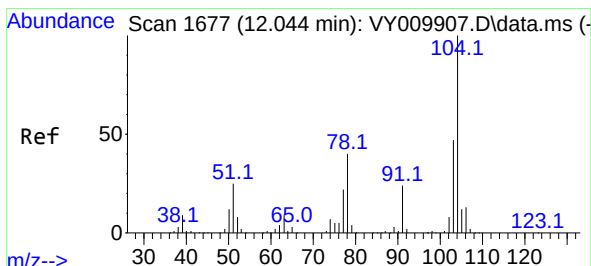
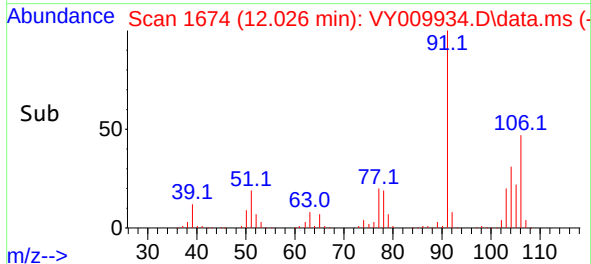
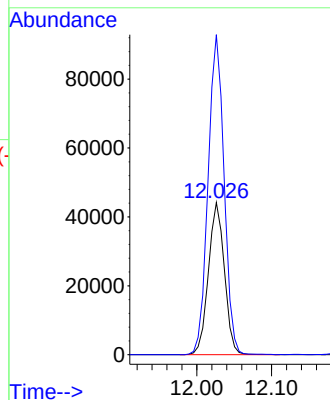
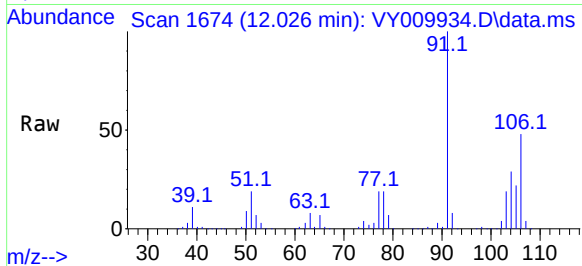




#69  
o-Xylene  
Concen: 53.520 ug/l  
RT: 12.026 min Scan# 1674  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

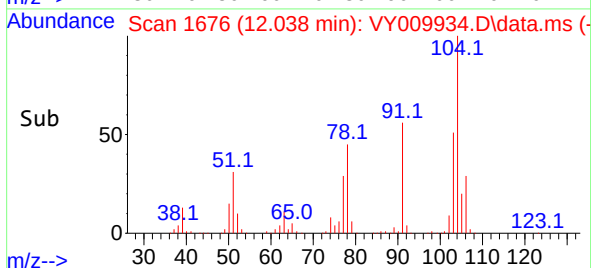
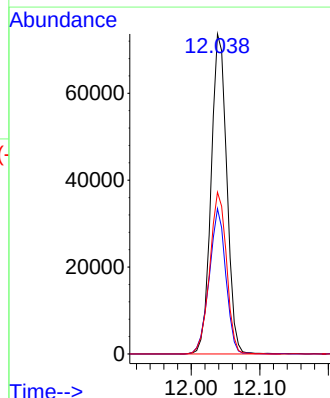
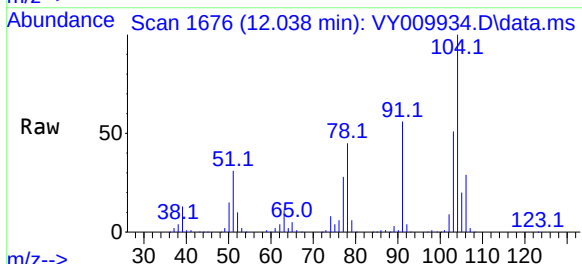
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

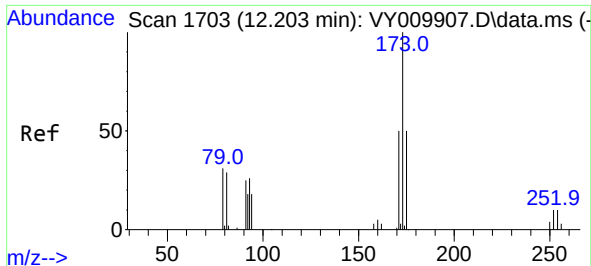
Tgt Ion:106 Resp: 65627  
Ion Ratio Lower Upper  
106 100  
91 210.9 103.2 309.4



#70  
Styrene  
Concen: 55.818 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:104 Resp: 117388  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.6 57.8  
103 54.1 43.3 64.9

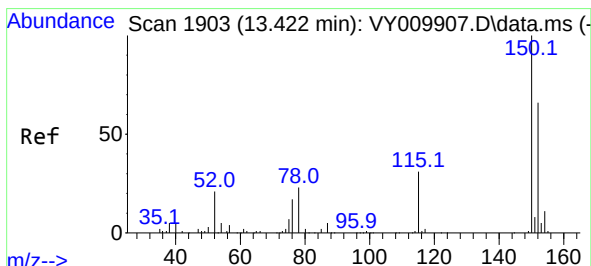
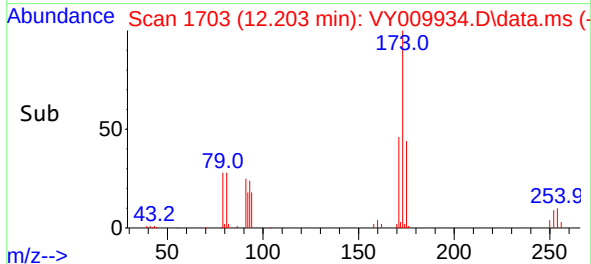
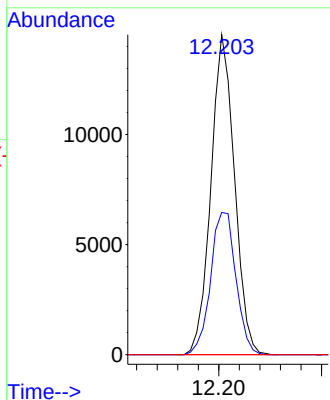
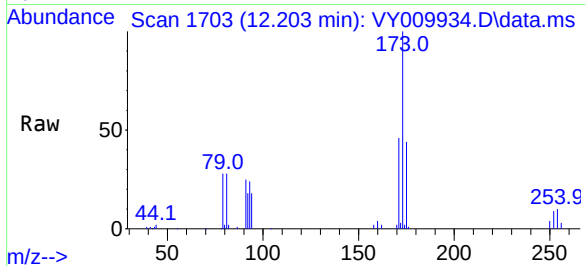




#71  
Bromoform  
Concen: 52.562 ug/l  
RT: 12.203 min Scan# 1703  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

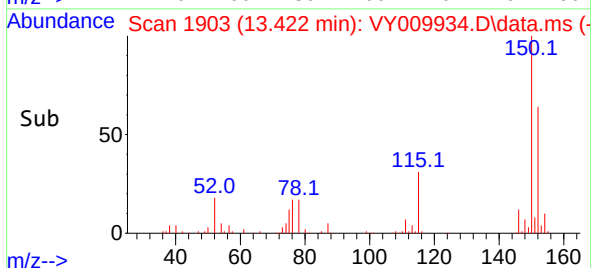
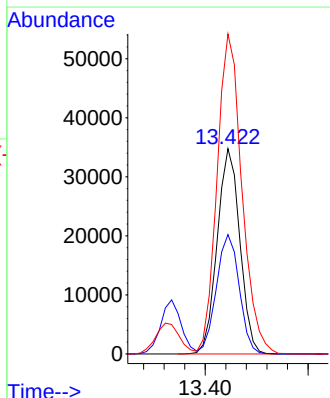
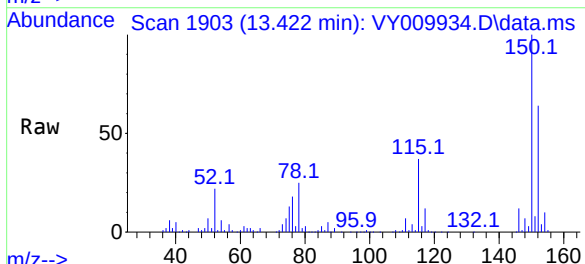
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 23135  
Ion Ratio Lower Upper  
173 100  
175 47.7 24.4 73.4  
254 0.0 0.1 0.1#

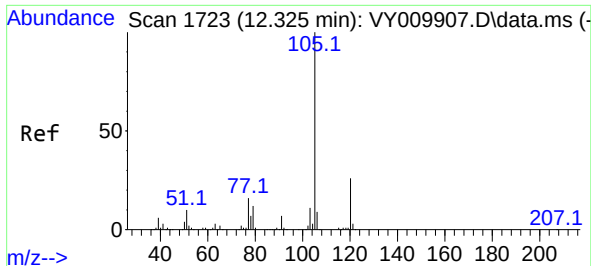


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.422 min Scan# 1903  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:152 Resp: 53086  
Ion Ratio Lower Upper  
152 100  
115 58.9 28.6 85.9  
150 171.1 0.0 349.8



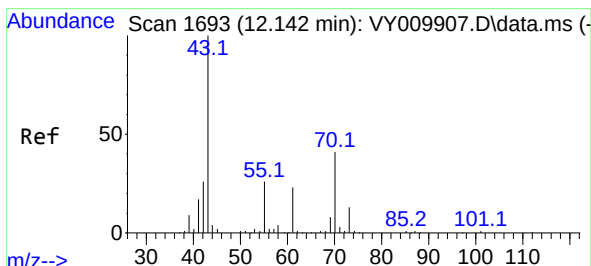
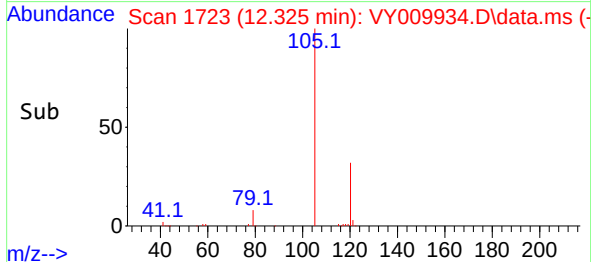
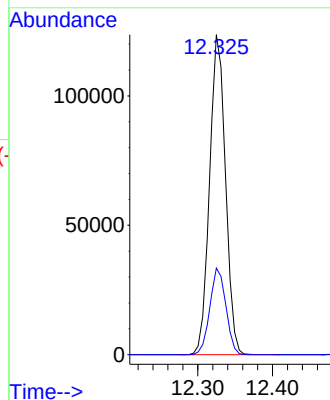
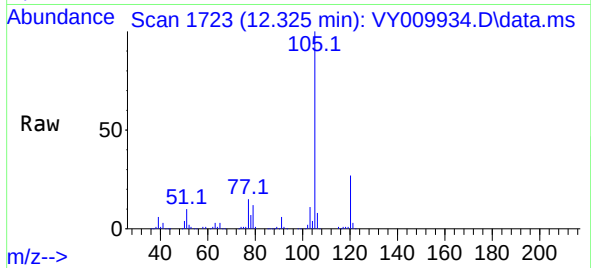




#73  
Isopropylbenzene  
Concen: 51.526 ug/l  
RT: 12.325 min Scan# 1723  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

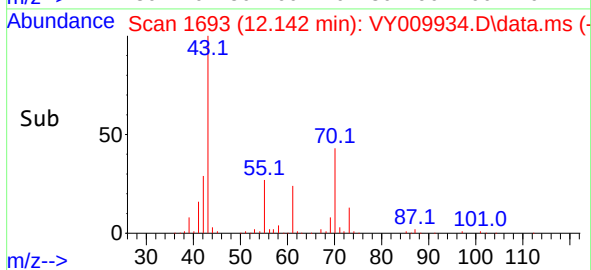
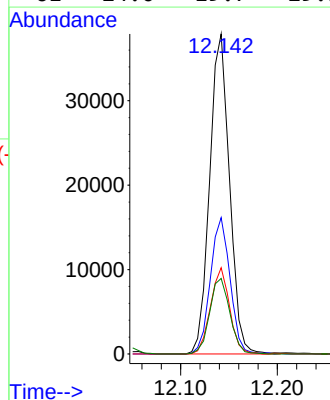
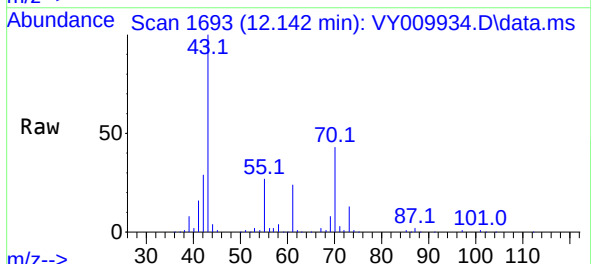
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

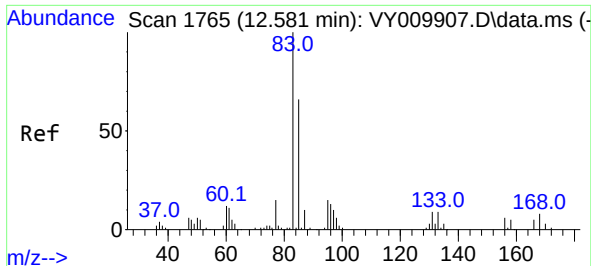
Tgt Ion:105 Resp: 182538  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.7 41.1



#74  
N-ethyl acetate  
Concen: 47.092 ug/l  
RT: 12.142 min Scan# 1693  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 43 Resp: 54131  
Ion Ratio Lower Upper  
43 100  
70 42.4 35.6 53.4  
55 26.0 19.5 29.3  
61 24.0 19.7 29.5

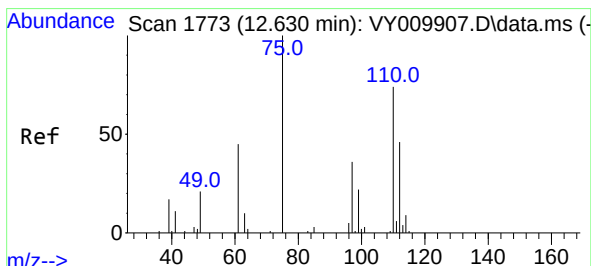
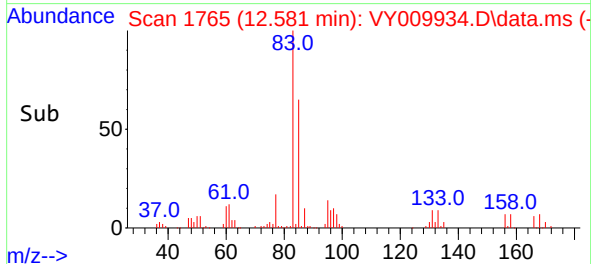
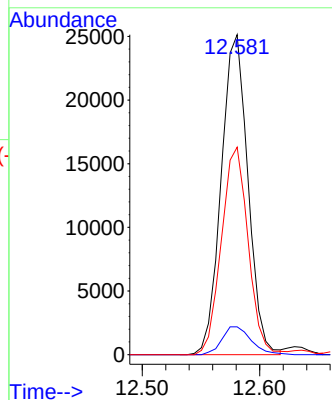
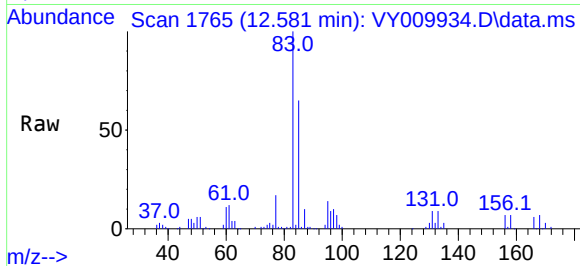




#75  
1,1,2,2-Tetrachloroethane  
Concen: 48.919 ug/l  
RT: 12.581 min Scan# 1765  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

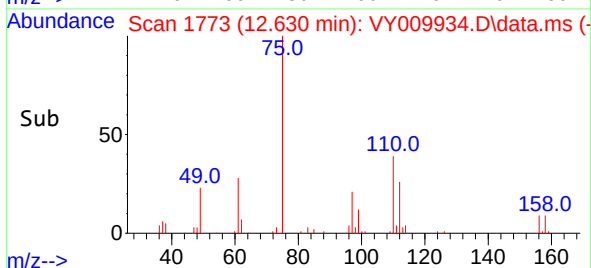
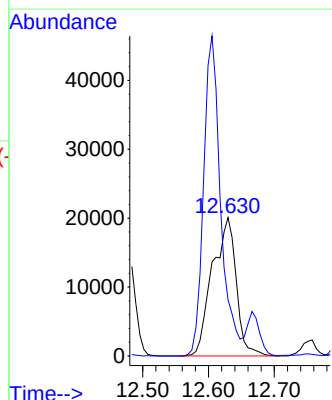
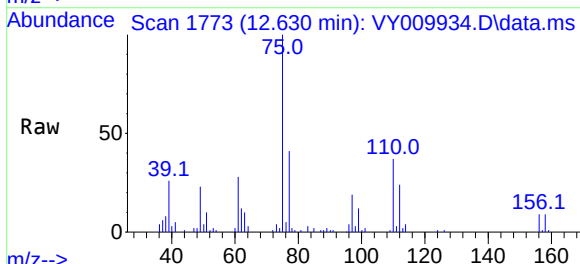
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

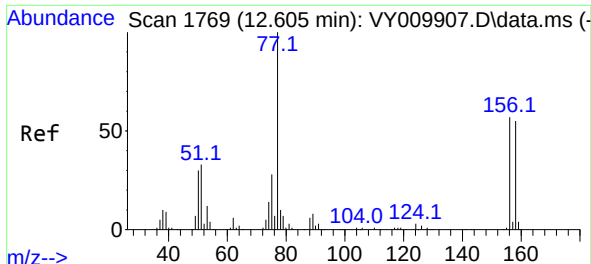
Tgt Ion: 83 Resp: 39732  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.4 16.2  
85 65.0 32.8 98.4



#76  
1,2,3-Trichloropropane  
Concen: 87.482 ug/l  
RT: 12.630 min Scan# 1773  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 75 Resp: 50810  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

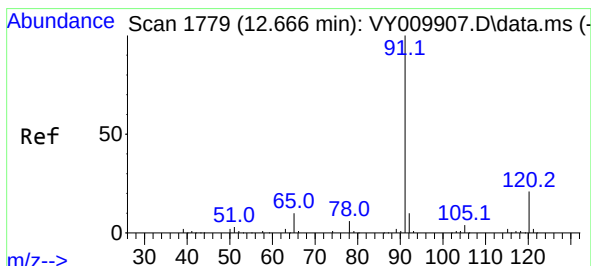
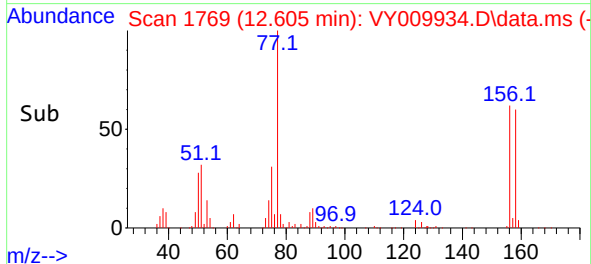
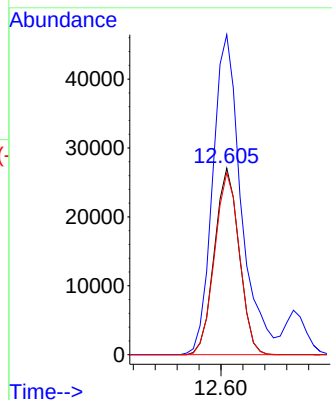
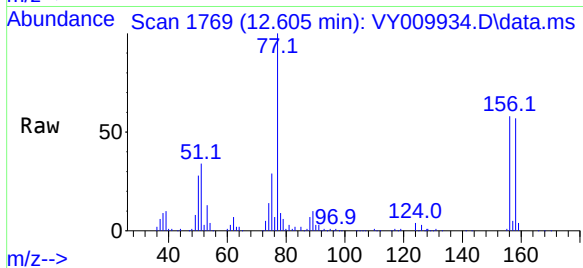




#77  
Bromobenzene  
Concen: 49.496 ug/l  
RT: 12.605 min Scan# 1769  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

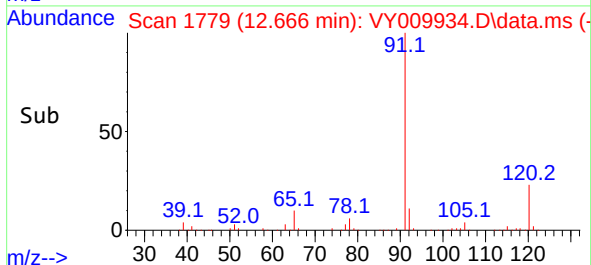
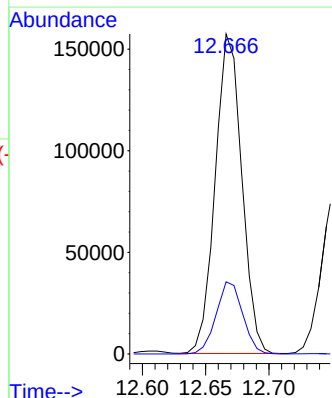
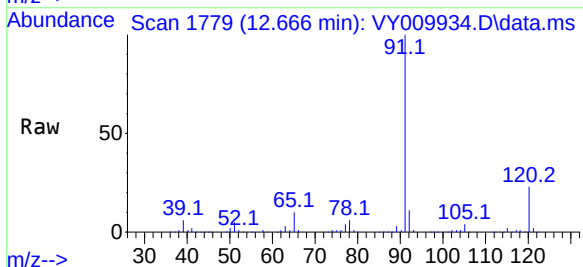
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

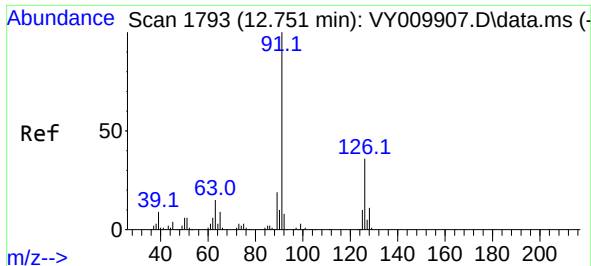
Tgt Ion:156 Resp: 42344  
Ion Ratio Lower Upper  
156 100  
77 197.0 88.1 264.3  
158 98.2 48.6 145.8



#78  
n-propylbenzene  
Concen: 50.970 ug/l  
RT: 12.666 min Scan# 1779  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 91 Resp: 229376  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.9 35.5

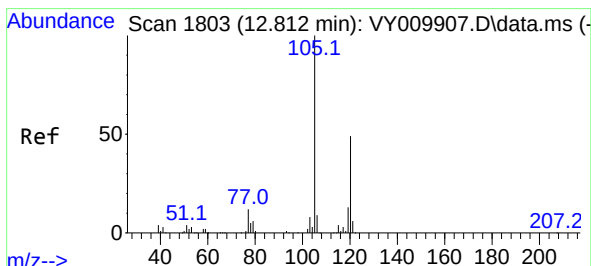
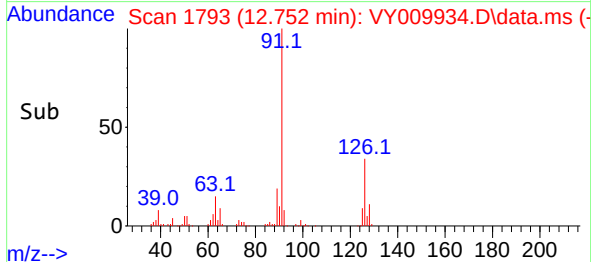
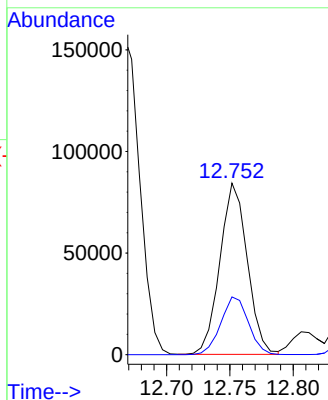
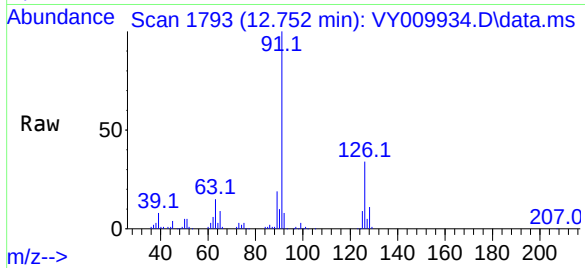




#79  
2-Chlorotoluene  
Concen: 50.448 ug/l  
RT: 12.752 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

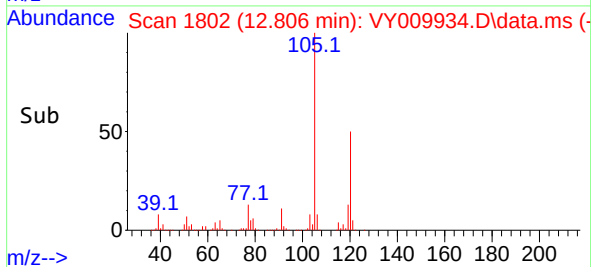
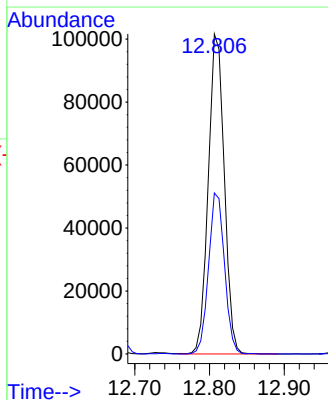
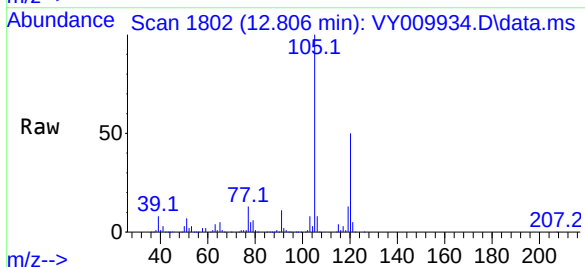
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

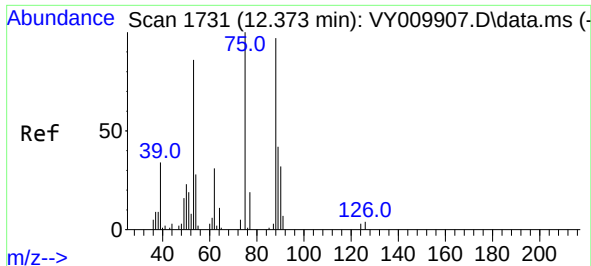
Tgt Ion: 91 Resp: 127062  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.8 53.4



#80  
1,3,5-Trimethylbenzene  
Concen: 51.075 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 105 Resp: 151503  
Ion Ratio Lower Upper  
105 100  
120 50.1 25.3 75.8

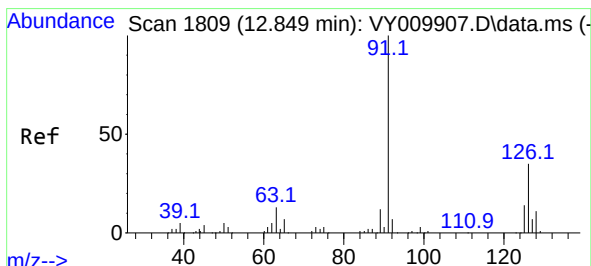
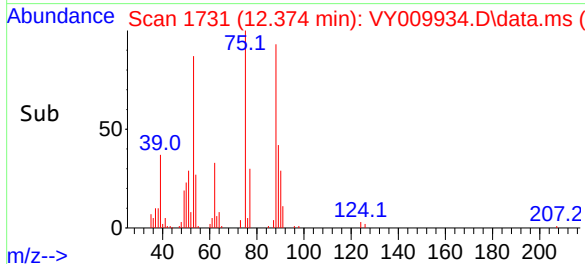
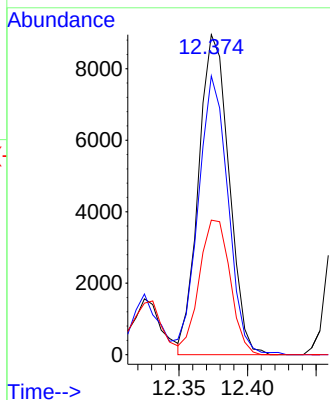
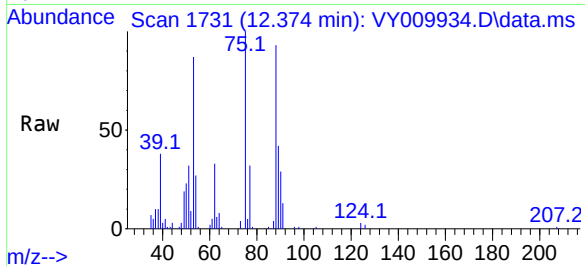




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.981 ug/l  
RT: 12.374 min Scan# 11  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

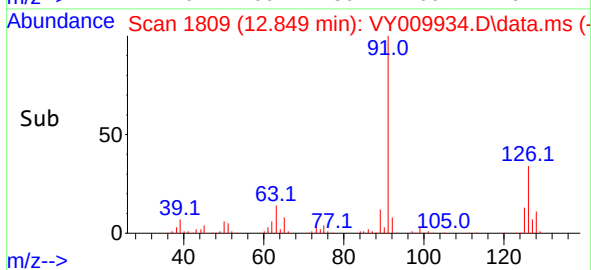
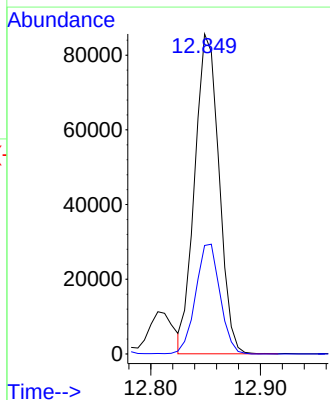
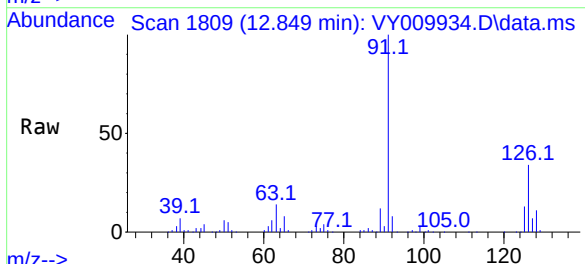
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

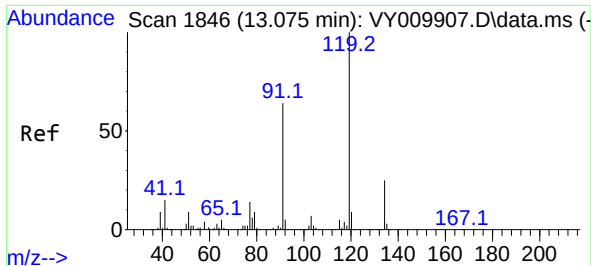
Tgt Ion: 75 Resp: 13784  
Ion Ratio Lower Upper  
75 100  
53 85.7 71.4 107.2  
89 42.8 38.1 57.1



#82  
4-Chlorotoluene  
Concen: 49.551 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 91 Resp: 131573  
Ion Ratio Lower Upper  
91 100  
126 34.6 18.0 54.0

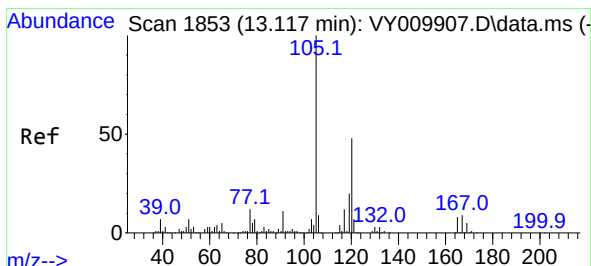
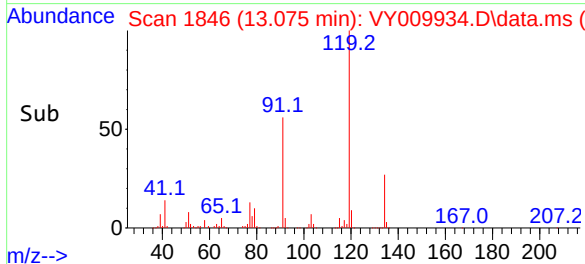
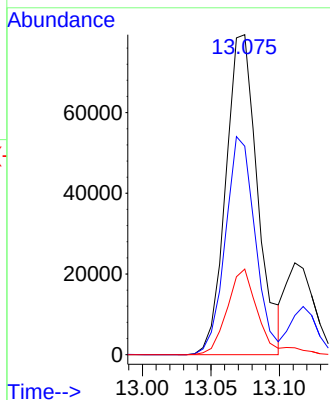
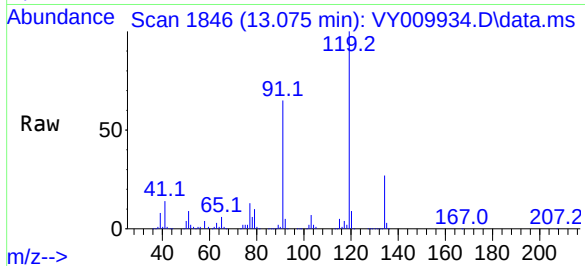




#83  
tert-Butylbenzene  
Concen: 49.970 ug/l  
RT: 13.075 min Scan# 119  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

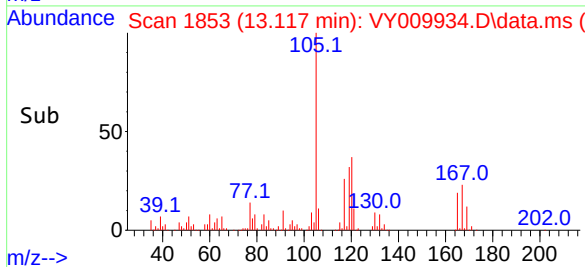
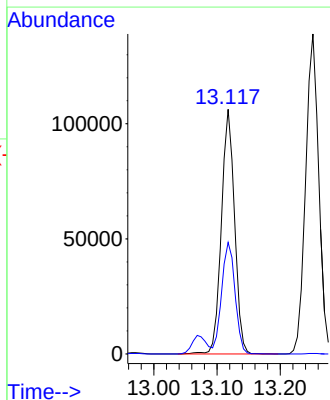
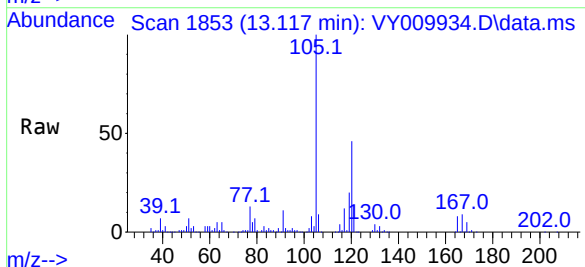
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

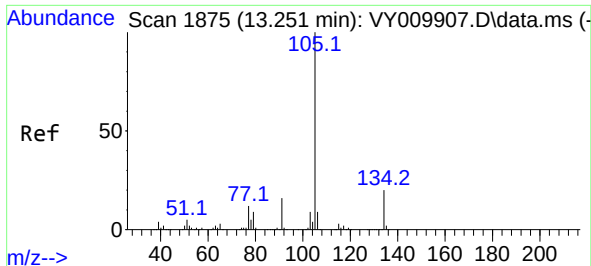
Tgt Ion:119 Resp: 128135  
Ion Ratio Lower Upper  
119 100  
91 63.9 32.0 96.0  
134 26.5 13.2 39.6



#84  
1,2,4-Trimethylbenzene  
Concen: 52.165 ug/l  
RT: 13.117 min Scan# 1853  
Delta R.T. 0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:105 Resp: 152851  
Ion Ratio Lower Upper  
105 100  
120 46.2 23.4 70.3

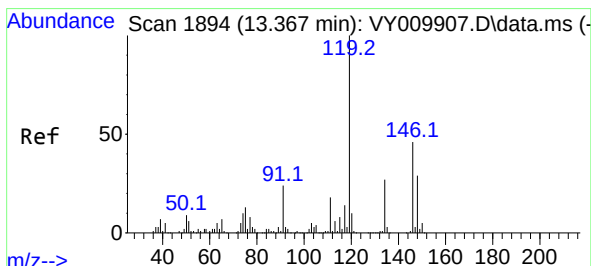
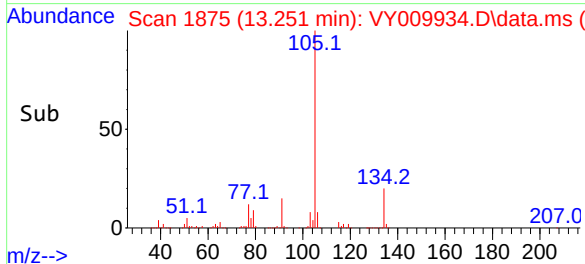
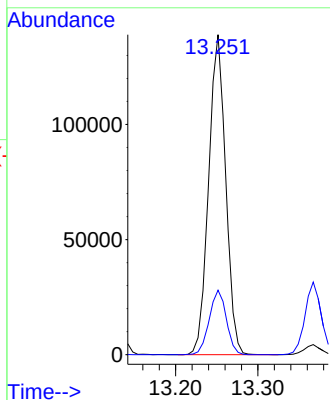
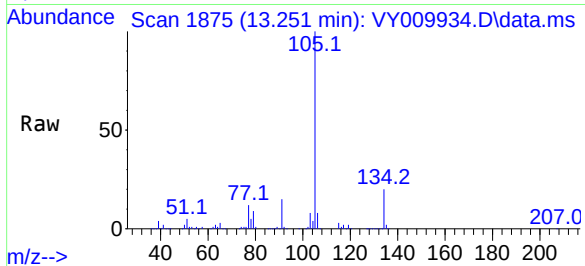




#85  
 sec-Butylbenzene  
 Concen: 50.796 ug/l  
 RT: 13.251 min Scan# 1875  
 Delta R.T. 0.000 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

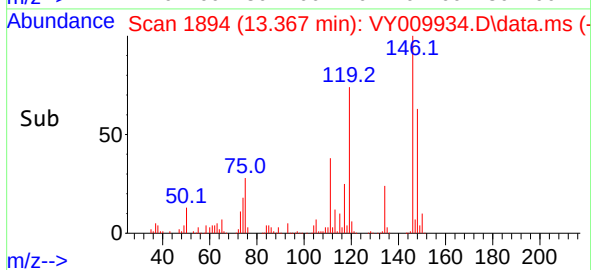
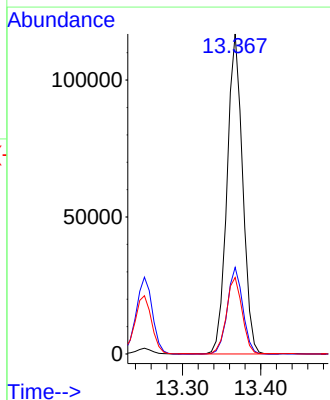
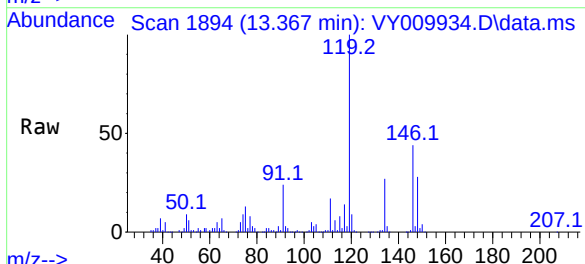
Instrument :  
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 ClientSampleId :  
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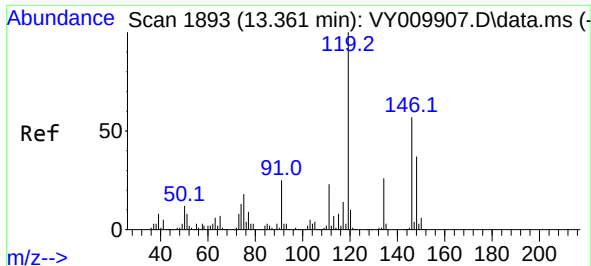
Tgt Ion:105 Resp: 199987  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.5 31.6



#86  
 p-Isopropyltoluene  
 Concen: 50.702 ug/l  
 RT: 13.367 min Scan# 1894  
 Delta R.T. 0.000 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

Tgt Ion:119 Resp: 161597  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.5 40.4  
 91 24.3 11.6 34.8

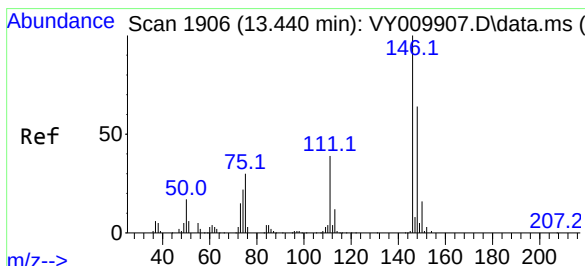
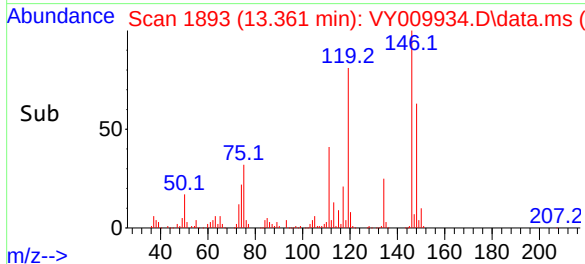
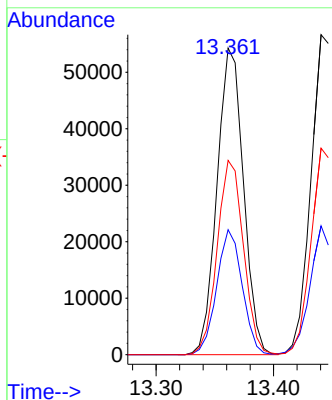
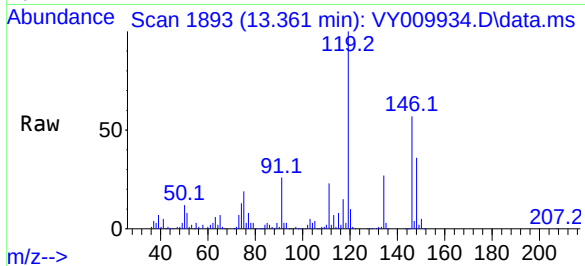




#87  
 1,3-Dichlorobenzene  
 Concen: 49.753 ug/l  
 RT: 13.361 min Scan# 1893  
 Delta R.T. 0.000 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

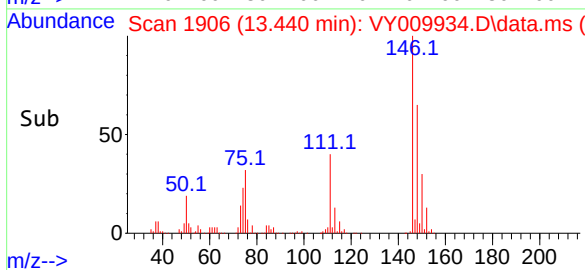
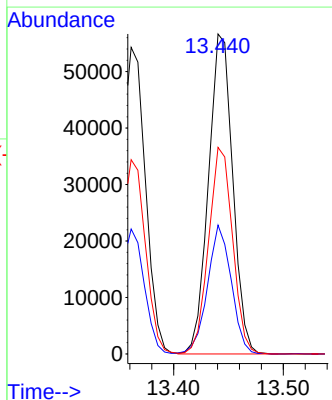
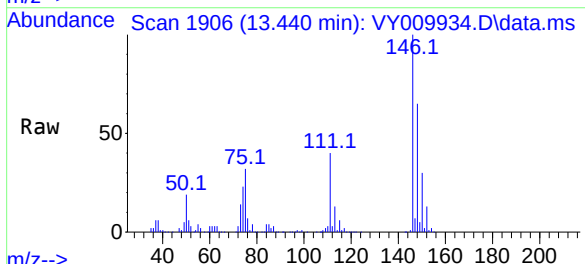
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:146 Resp: 85129  
 Ion Ratio Lower Upper  
 146 100  
 111 39.3 19.1 57.3  
 148 62.9 31.9 95.5

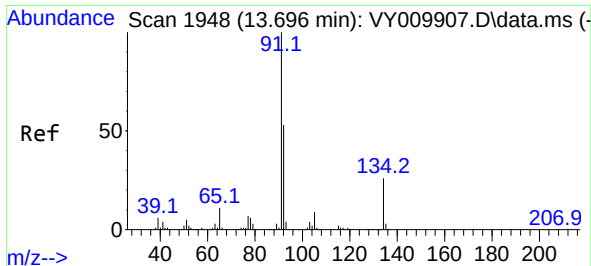


#88  
 1,4-Dichlorobenzene  
 Concen: 50.061 ug/l  
 RT: 13.440 min Scan# 1906  
 Delta R.T. -0.006 min  
 Lab File: VY009934.D  
 Acq: 09 Aug 2022 21:21

Tgt Ion:146 Resp: 87130  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 18.9 56.9  
 148 64.0 31.6 95.0



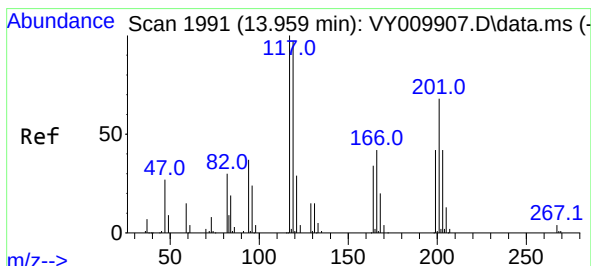
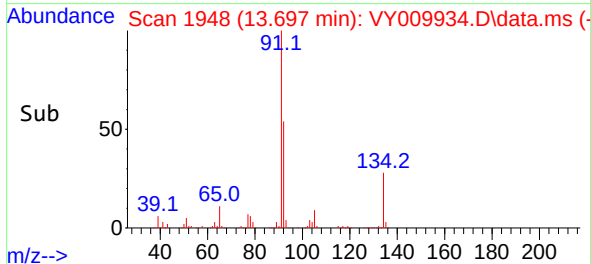
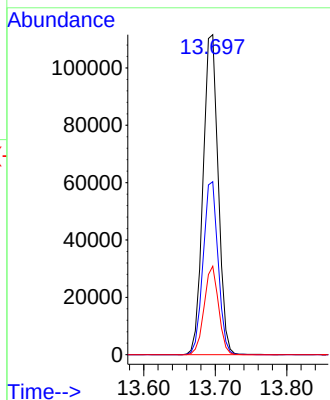
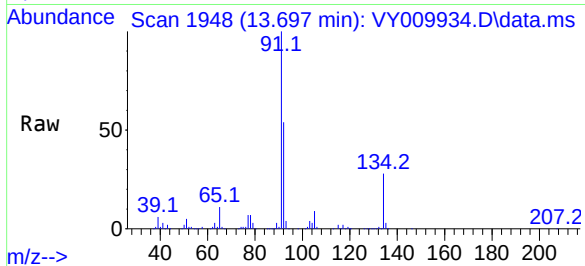




#89  
n-Butylbenzene  
Concen: 52.766 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

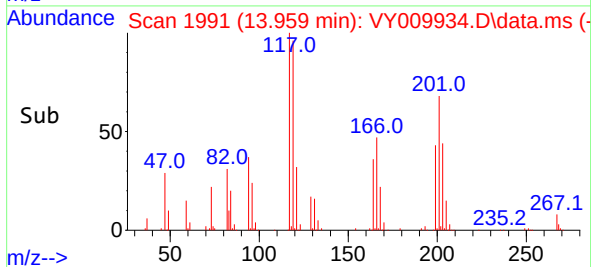
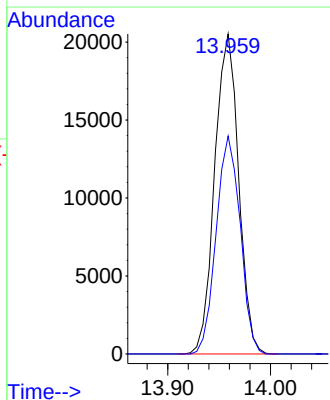
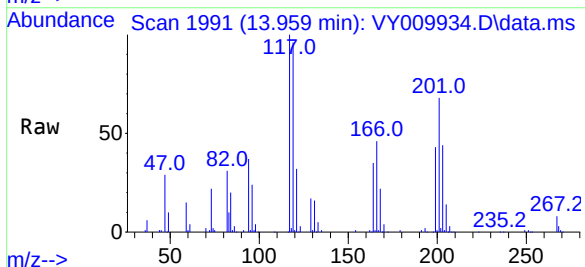
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ClientSampleId :  
VSTDCCC050

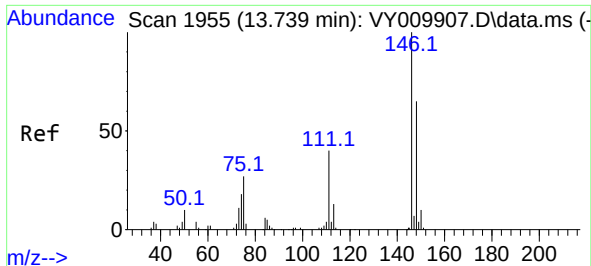
Tgt Ion: 91 Resp: 164278  
Ion Ratio Lower Upper  
91 100  
92 53.5 26.9 80.7  
134 26.3 14.0 41.9



#90  
Hexachloroethane  
Concen: 49.910 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 117 Resp: 33145  
Ion Ratio Lower Upper  
117 100  
201 68.3 38.8 116.3

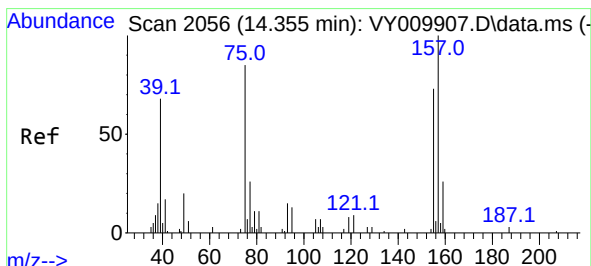
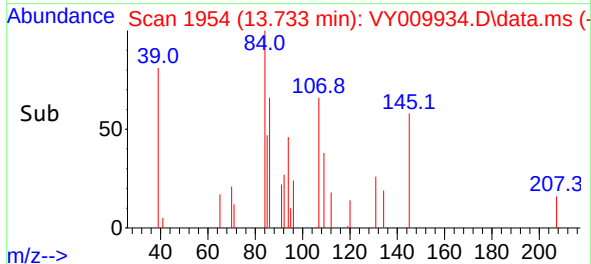
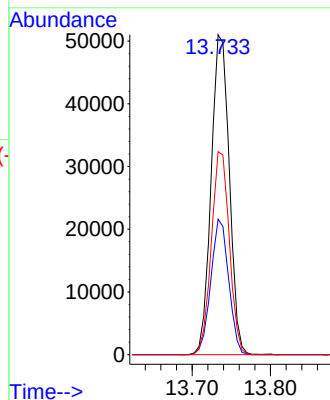
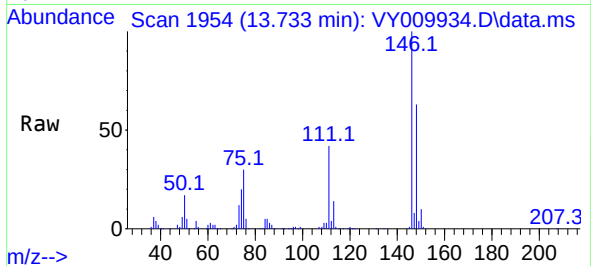




#91  
1,2-Dichlorobenzene  
Concen: 52.645 ug/l  
RT: 13.733 min Scan# 1954  
Delta R.T. -0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

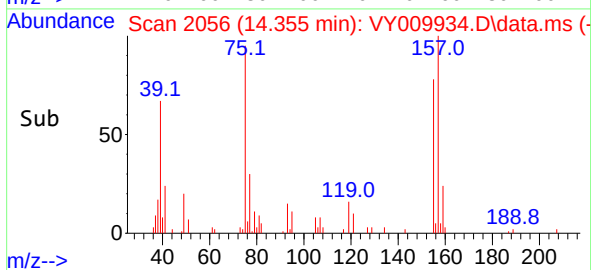
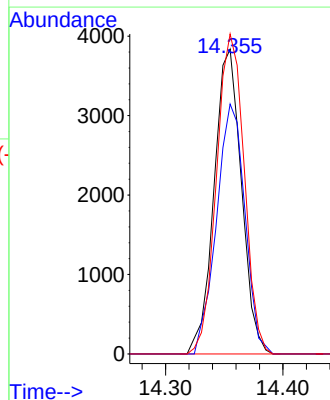
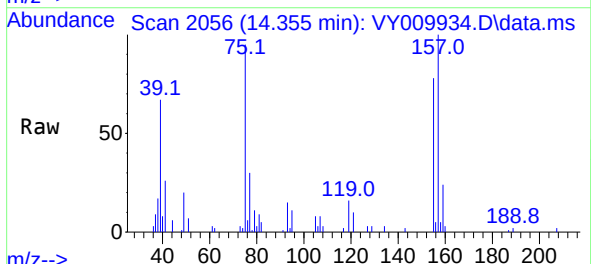
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

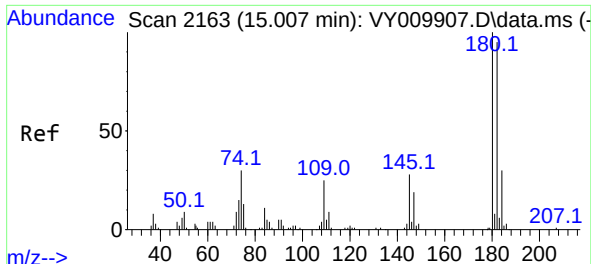
Tgt Ion:146 Resp: 82104  
Ion Ratio Lower Upper  
146 100  
111 41.7 19.7 59.1  
148 63.0 32.1 96.5



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.809 ug/l  
RT: 14.355 min Scan# 2056  
Delta R.T. -0.000 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion: 75 Resp: 6211  
Ion Ratio Lower Upper  
75 100  
155 85.0 46.4 139.1  
157 106.4 57.6 172.7

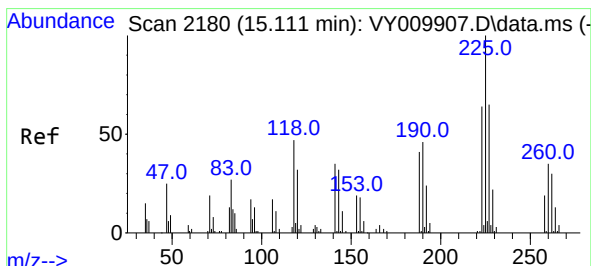
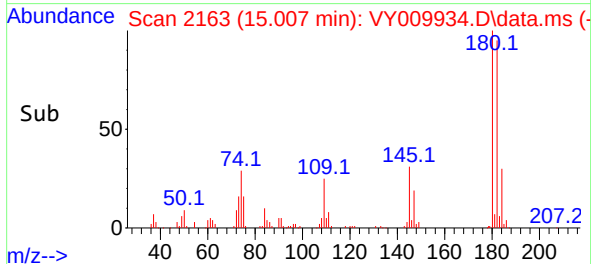
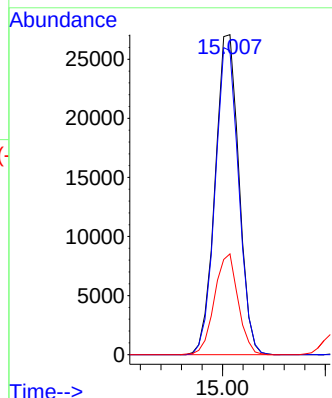
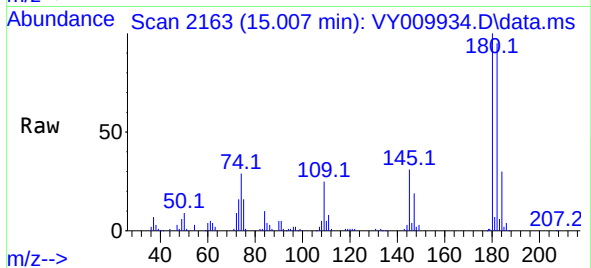




#93  
1,2,4-Trichlorobenzene  
Concen: 49.138 ug/l  
RT: 15.007 min Scan# 2163  
Delta R.T. 0.006 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

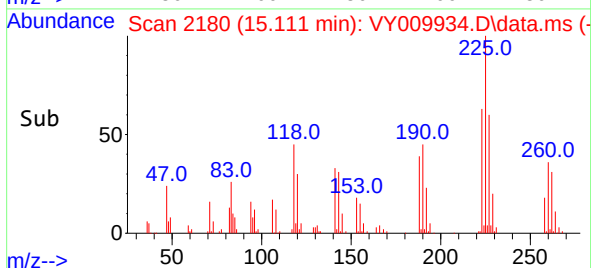
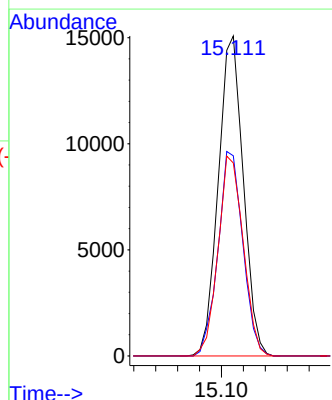
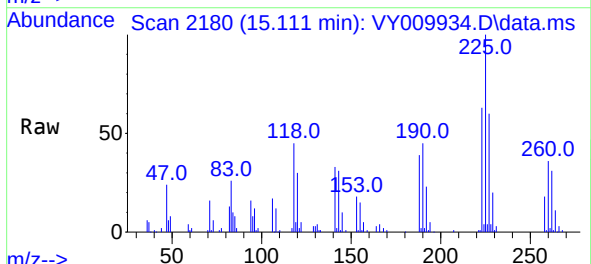
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

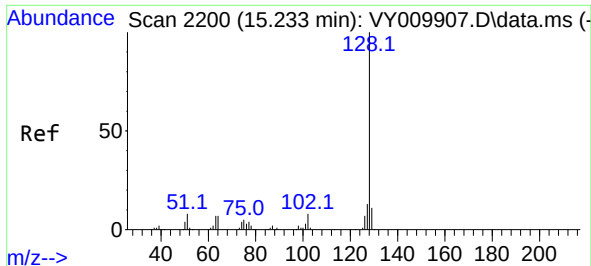
Tgt Ion:180 Resp: 43438  
Ion Ratio Lower Upper  
180 100  
182 95.3 47.3 141.9  
145 31.3 15.1 45.3



#94  
Hexachlorobutadiene  
Concen: 47.518 ug/l  
RT: 15.111 min Scan# 2180  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Tgt Ion:225 Resp: 23858  
Ion Ratio Lower Upper  
225 100  
223 63.4 30.8 92.3  
227 62.8 31.9 95.5

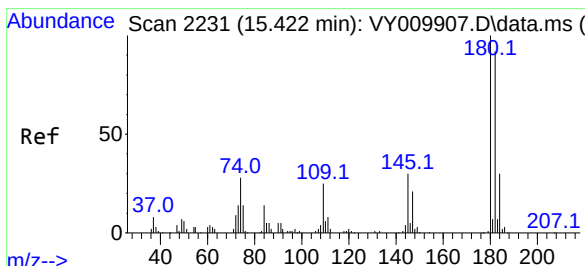
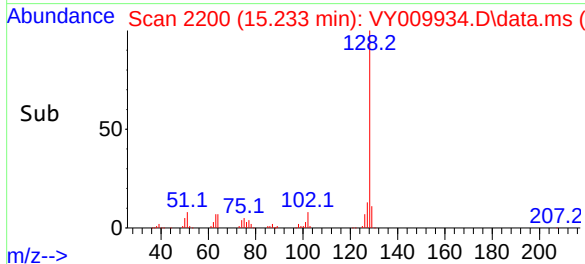
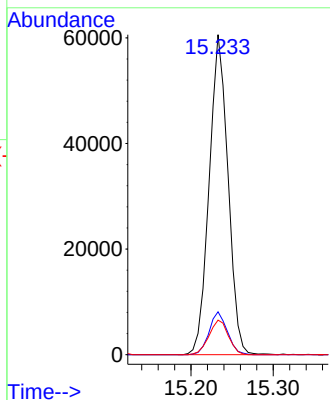
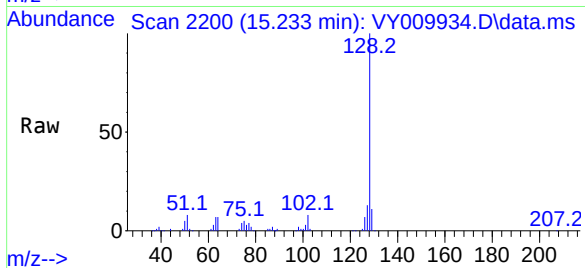




#95  
Naphthalene  
Concen: 52.042 ug/l  
RT: 15.233 min Scan# 2200  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 96325 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.9  | 10.6  | 15.8  |
| 129      | 11.1  | 8.8   | 13.2  |



#96  
1,2,3-Trichlorobenzene  
Concen: 49.003 ug/l  
RT: 15.422 min Scan# 2231  
Delta R.T. 0.001 min  
Lab File: VY009934.D  
Acq: 09 Aug 2022 21:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 38540 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.5  | 47.0  | 141.0 |
| 145      | 32.4  | 15.6  | 46.7  |

