

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061125\  
 Data File : VY022652.D  
 Acq On : 11 Jun 2025 09:59  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 12 05:02:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 10 15:26:14 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 157578   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 265316   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 226799   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 106876   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 93928    | 53.295   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 106.580% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 86674    | 54.732   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 109.460% |      |
| 50) Toluene-d8              | 10.103 | 98    | 351227   | 54.889   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 109.780% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 102854   | 53.948   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 107.900% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 62968  | 44.633  | ug/l   | 98  |
| 3) Chloromethane             | 2.068 | 50  | 216228 | 51.880  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.202 | 62  | 270265 | 55.897  | ug/l   | 99  |
| 5) Bromomethane              | 2.592 | 94  | 207702 | 44.819  | ug/l   | 100 |
| 6) Chloroethane              | 2.732 | 64  | 176816 | 53.279  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.049 | 101 | 223253 | 54.391  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.458 | 74  | 44893  | 48.566  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 85998  | 49.746  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.007 | 142 | 94198  | 50.351  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.872 | 59  | 29329  | 232.995 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 80437  | 48.677  | ug/l   | 95  |
| 13) Acrolein                 | 3.653 | 56  | 18057  | 115.103 | ug/l   | 98  |
| 14) Allyl chloride           | 4.378 | 41  | 121177 | 46.712  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.061 | 53  | 96935  | 247.609 | ug/l   | 100 |
| 16) Acetone                  | 3.879 | 43  | 76054  | 212.487 | ug/l   | 94  |
| 17) Carbon Disulfide         | 4.104 | 76  | 250870 | 47.420  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.391 | 43  | 53562  | 50.535  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.110 | 73  | 226943 | 48.760  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 94990  | 46.721  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.104 | 96  | 91576  | 49.515  | ug/l   | 88  |
| 22) Diisopropyl ether        | 6.018 | 45  | 283820 | 49.152  | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.964 | 43  | 813591 | 238.054 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 173175 | 50.908  | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 122054 | 236.409 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 149781 | 49.833  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 107570 | 50.321  | ug/l   | 98  |
| 28) Bromochloromethane       | 7.244 | 49  | 76022  | 51.267  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 79406  | 238.466 | ug/l   | 99  |
| 30) Chloroform               | 7.421 | 83  | 175028 | 51.947  | ug/l   | 96  |
| 31) Cyclohexane              | 7.701 | 56  | 149209 | 44.059  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 153283 | 51.247  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 128210 | 49.883  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.982 | 43  | 54455  | 47.510  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 135428 | 51.363  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.109 | 83  | 164532 | 47.635  | ug/l   | 97  |
| 40) Benzene                  | 8.079 | 78  | 388821 | 51.219  | ug/l   | 100 |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061125\  
 Data File : VY022652.D  
 Acq On : 11 Jun 2025 09:59  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Jun 12 05:02:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 10 15:26:14 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 32009    | 47.810  | ug/l   | 99       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 106146   | 51.210  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 117992   | 47.665  | ug/l   | 100      |
| 44) Trichloroethene           | 8.866  | 130  | 97879    | 52.755  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 92401    | 51.503  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 52912    | 52.423  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.420  | 83   | 135175   | 52.817  | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.219  | 41   | 54646    | 47.036  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.237  | 88   | 11374    | 951.195 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 306364   | 248.232 | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 247331   | 51.844  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 124050   | 51.731  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 142700   | 51.121  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 65190    | 50.652  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 92549    | 49.753  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 116284   | 50.976  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 231530   | 274.143 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 200444   | 242.841 | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.908 | 129  | 84902    | 51.909  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.011 | 107  | 60454    | 51.536  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.646 | 164  | 113126   | 57.985  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.438 | 112  | 261829   | 52.170  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 88180    | 52.156  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 479857   | 51.549  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 362462   | 102.714 | ug/l   | 99       |
| 69) o-Xylene                  | 11.956 | 106  | 172493   | 52.136  | ug/l   | 96       |
| 70) Styrene                   | 11.969 | 104  | 285228   | 52.154  | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 45337    | 50.392  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 449360   | 51.212  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 105483   | 47.644  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 68065    | 47.263  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 98867    | 80.860  | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 92990    | 50.220  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.597 | 91   | 544933   | 50.847  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 286949   | 50.518  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 351549   | 51.032  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 24542    | 48.473  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 293231   | 50.043  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 314442   | 50.858  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 348078   | 50.520  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 479100   | 50.596  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 400127   | 51.264  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 192662   | 51.355  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 181764   | 49.953  | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.615 | 91   | 375701   | 50.734  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.877 | 117  | 78797    | 51.856  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 165313   | 51.900  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 10373    | 49.472  | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 86435    | 49.755  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 48899    | 50.999  | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 162310   | 48.688  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 73426    | 49.319  | ug/l   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061125\  
Data File : VY022652.D  
Acq On : 11 Jun 2025 09:59  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

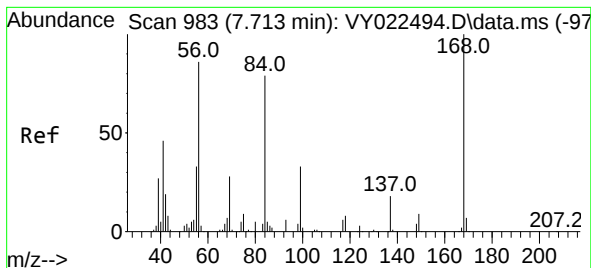
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Quant Time: Jun 12 05:02:11 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060225S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 10 15:26:14 2025  
Response via : Initial Calibration

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

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

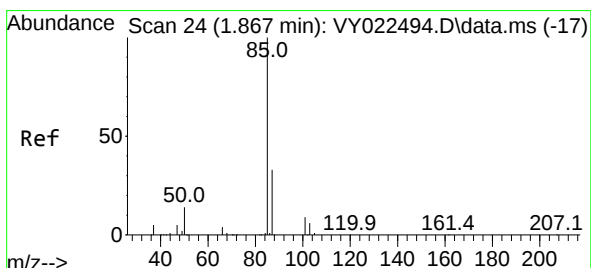
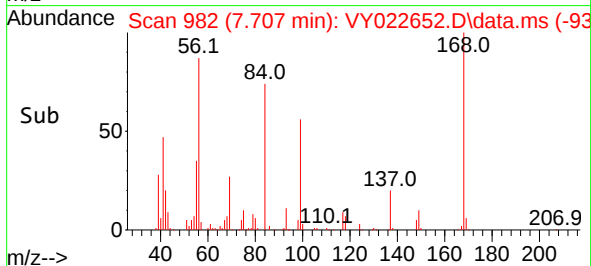
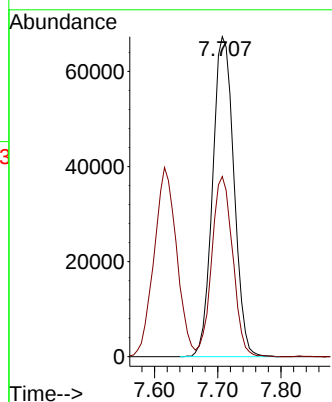
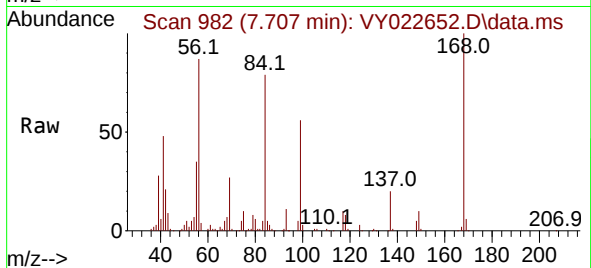
VSTDCCC050

Tgt Ion:168 Resp: 157578

Ion Ratio Lower Upper

168 100

99 56.3 44.3 66.5



#2

Dichlorodifluoromethane

Concen: 44.633 ug/l

RT: 1.867 min Scan# 24

Delta R.T. -0.000 min

Lab File: VY022652.D

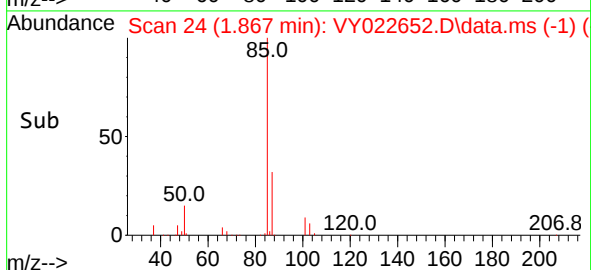
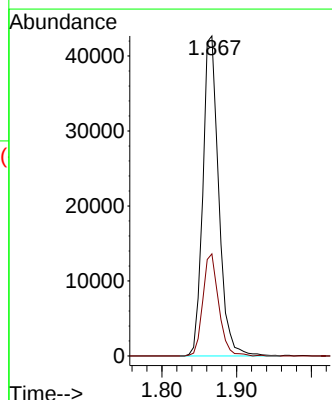
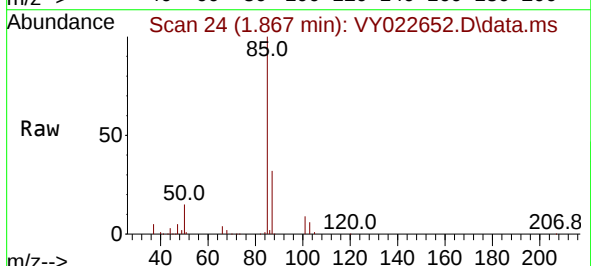
Acq: 11 Jun 2025 09:59

Tgt Ion: 85 Resp: 62968

Ion Ratio Lower Upper

85 100

87 31.9 16.7 50.0

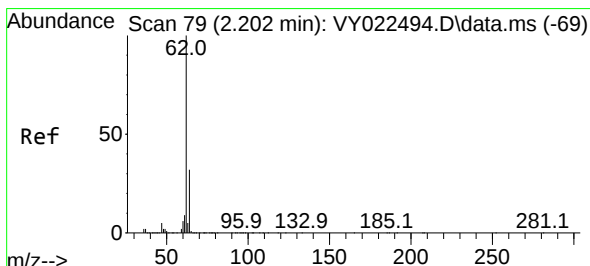
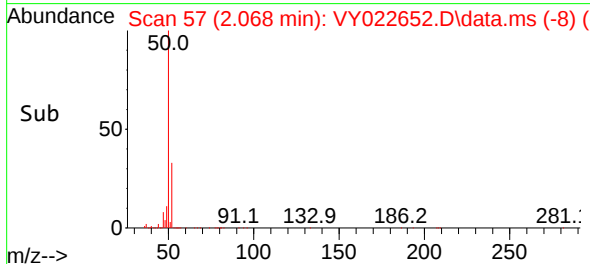
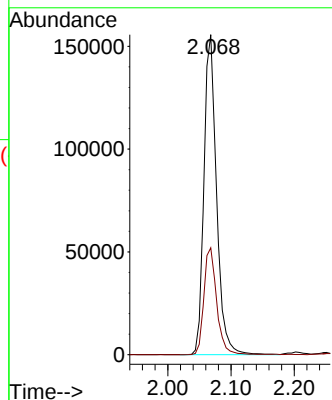
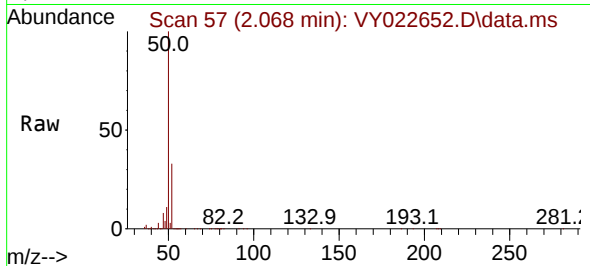




#3  
Chloromethane  
Concen: 51.880 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

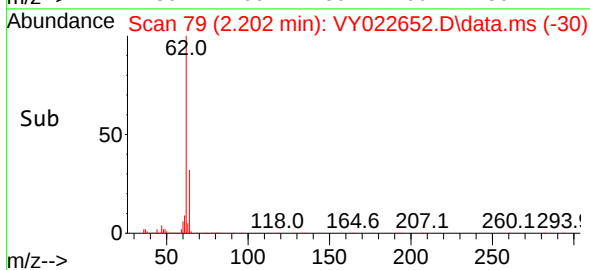
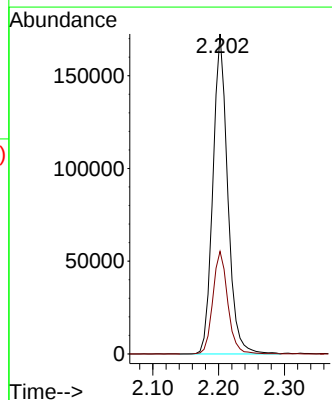
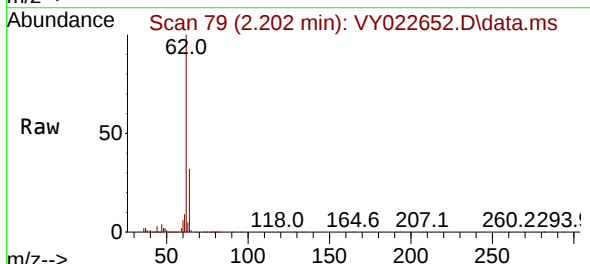
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

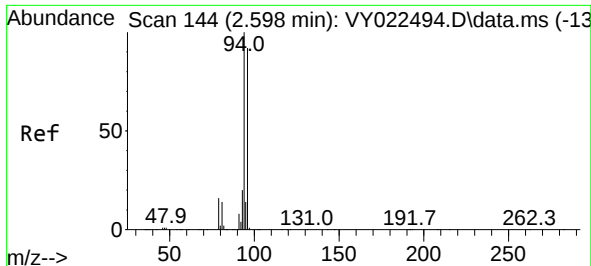
Tgt Ion: 50 Resp: 216228  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.0 39.0



#4  
Vinyl Chloride  
Concen: 55.897 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 62 Resp: 270265  
Ion Ratio Lower Upper  
62 100  
64 32.0 25.3 37.9

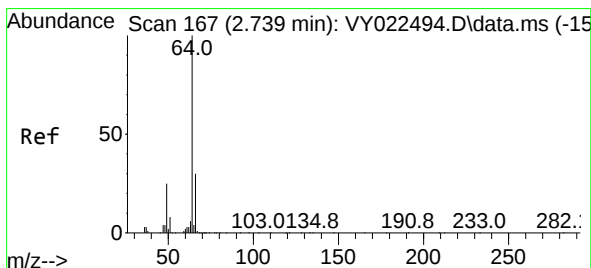
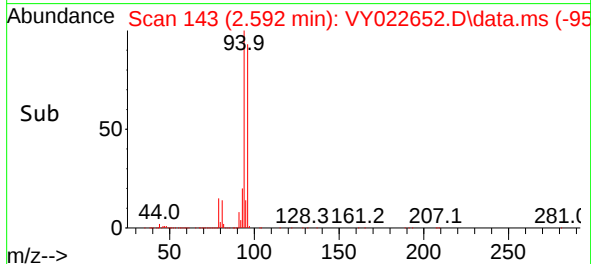
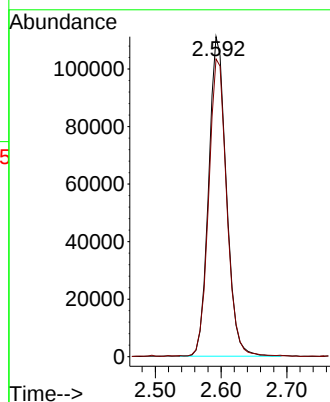
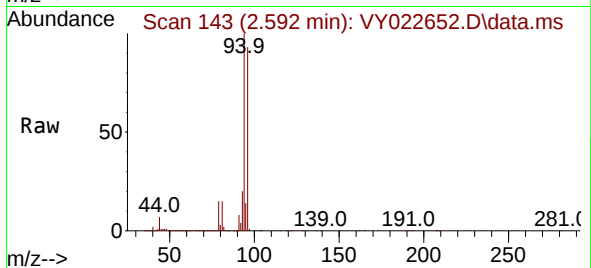




#5  
Bromomethane  
Concen: 44.819 ug/l  
RT: 2.592 min Scan# 144  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

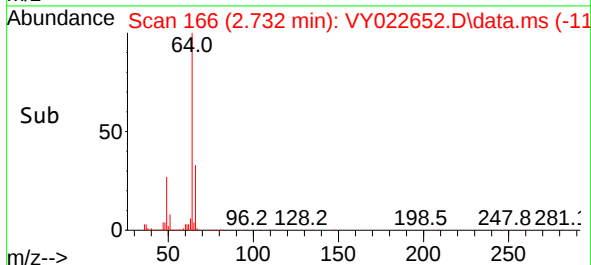
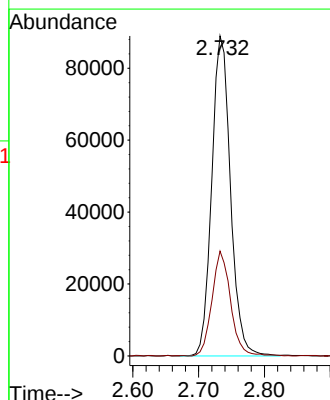
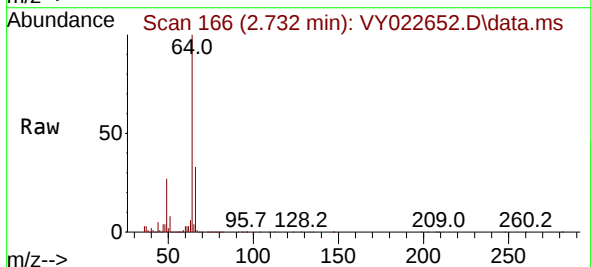
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

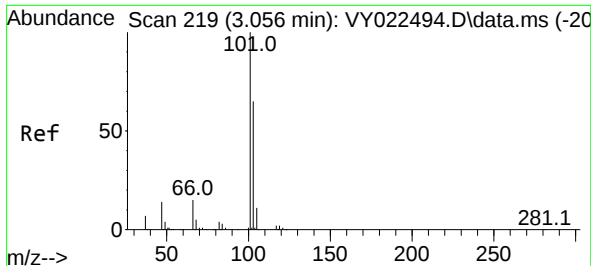
Tgt Ion: 94 Resp: 207702  
Ion Ratio Lower Upper  
94 100  
96 92.8 74.0 111.0



#6  
Chloroethane  
Concen: 53.279 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 64 Resp: 176816  
Ion Ratio Lower Upper  
64 100  
66 32.6 23.8 35.6

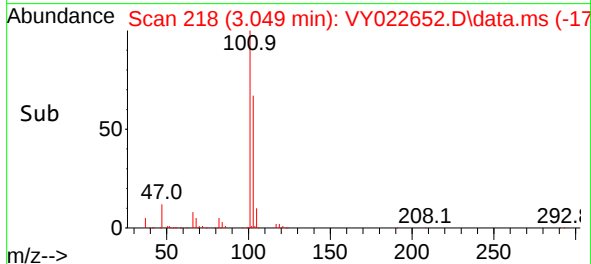
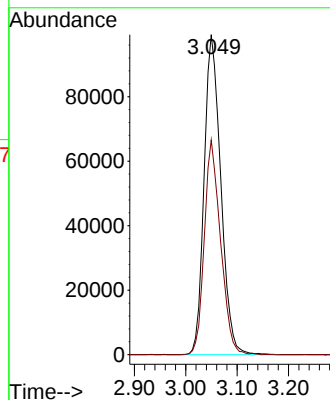
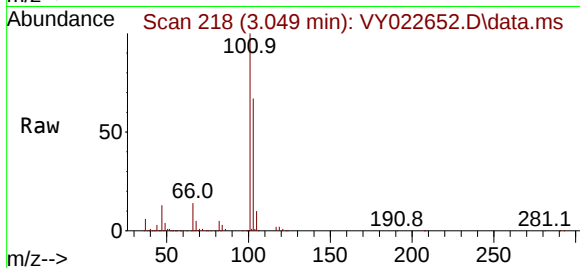




#7  
Trichlorofluoromethane  
Concen: 54.391 ug/l  
RT: 3.049 min Scan# 219  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

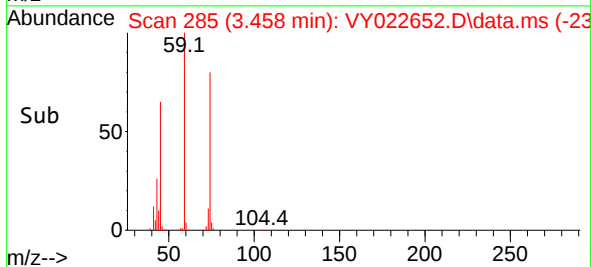
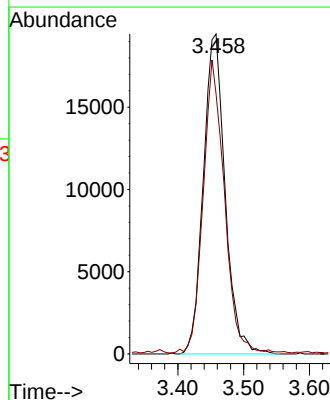
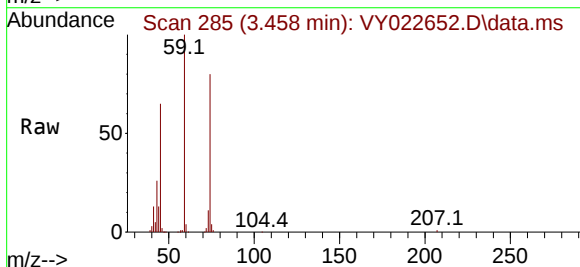
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:101 Resp: 223253  
Ion Ratio Lower Upper  
101 100  
103 67.1 52.2 78.2



#8  
Diethyl Ether  
Concen: 48.566 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 74 Resp: 44893  
Ion Ratio Lower Upper  
74 100  
45 88.5 45.9 137.6

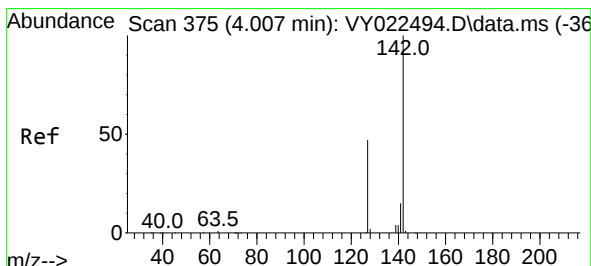
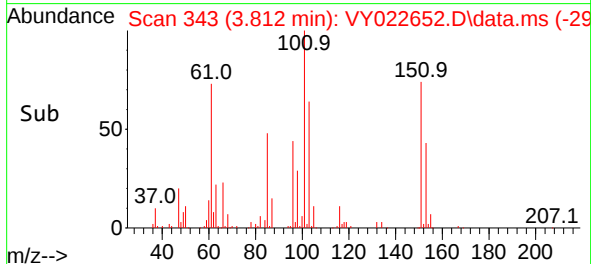
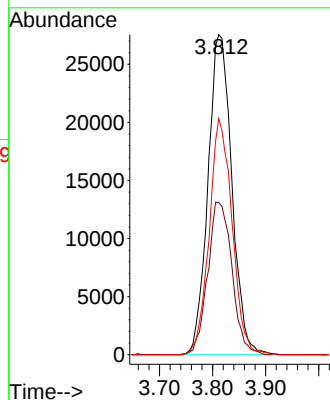
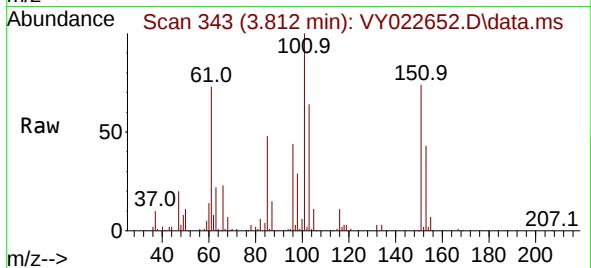




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 49.746 ug/l  
RT: 3.812 min Scan# 344  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

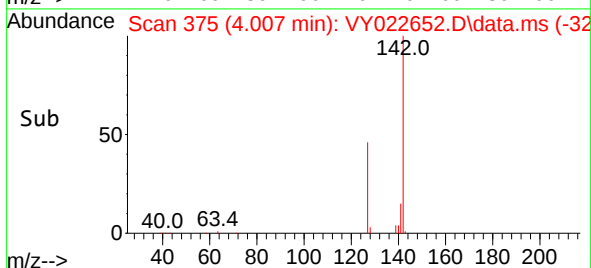
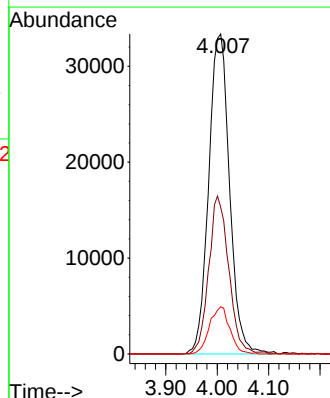
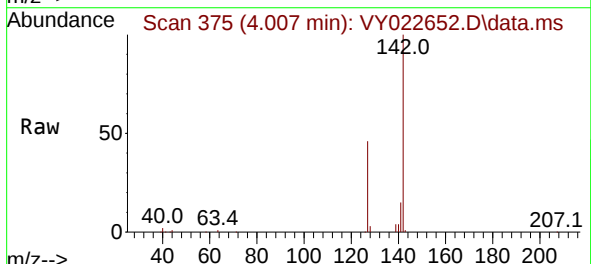
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

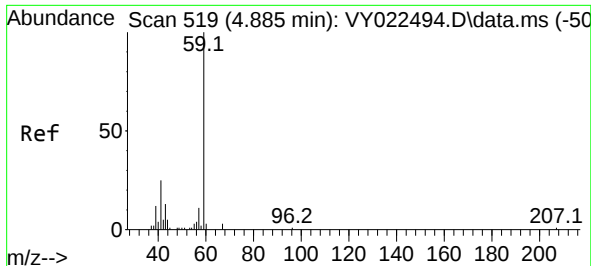
Tgt Ion:101 Resp: 85998  
Ion Ratio Lower Upper  
101 100  
85 48.5 39.3 58.9  
151 71.0 57.8 86.8



#10  
Methyl Iodide  
Concen: 50.351 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion:142 Resp: 94198  
Ion Ratio Lower Upper  
142 100  
127 47.3 37.1 55.7  
141 14.4 11.4 17.2

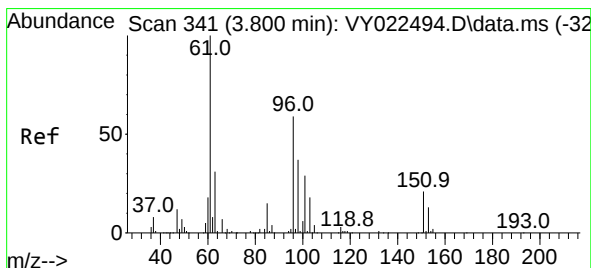
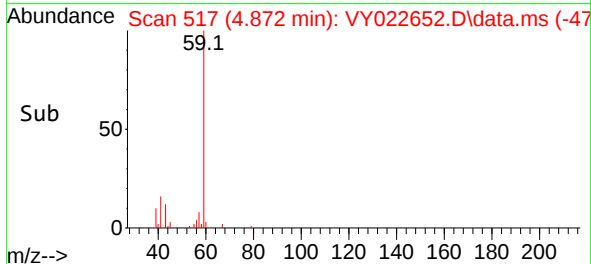
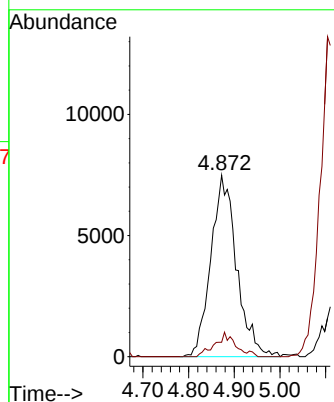
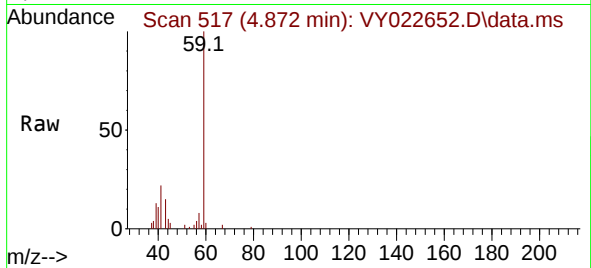




#11  
Tert butyl alcohol  
Concen: 232.995 ug/l  
RT: 4.872 min Scan# 519  
Delta R.T. -0.012 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

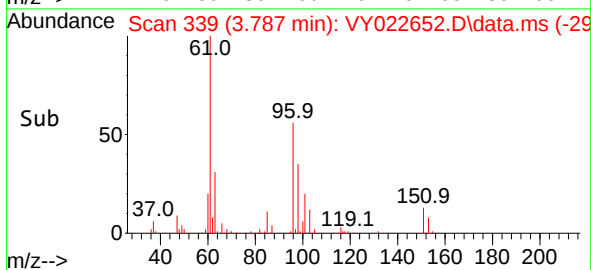
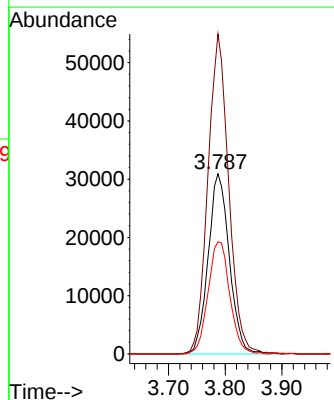
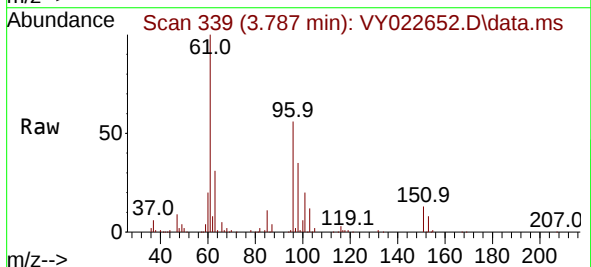
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

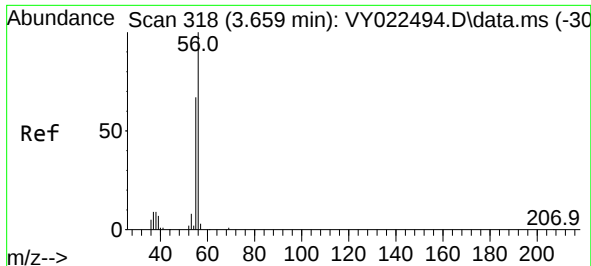
Tgt Ion: 59 Resp: 29329  
Ion Ratio Lower Upper  
59 100  
57 10.0 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 48.677 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 96 Resp: 80437  
Ion Ratio Lower Upper  
96 100  
61 177.4 134.6 201.8  
98 62.2 50.2 75.4

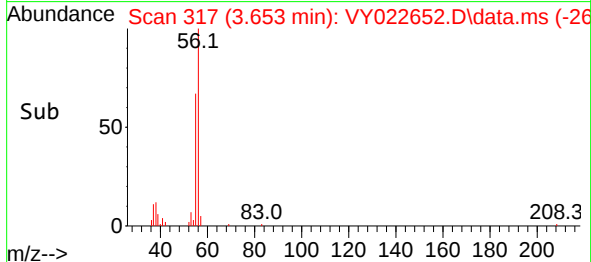
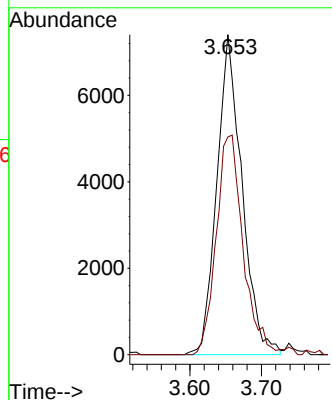
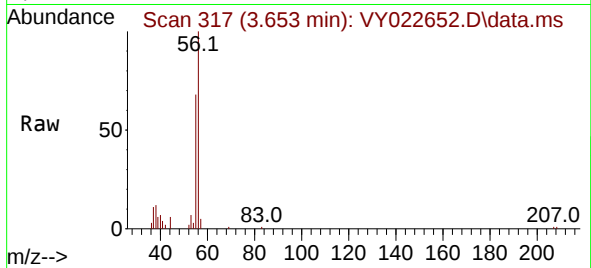




#13  
Acrolein  
Concen: 115.103 ug/l  
RT: 3.653 min Scan# 317  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

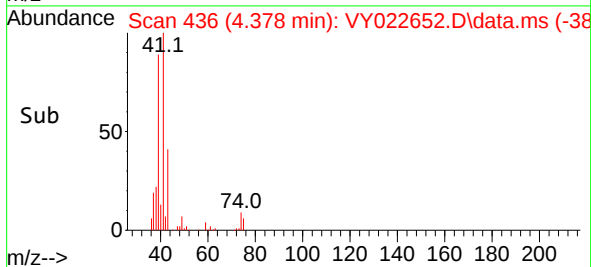
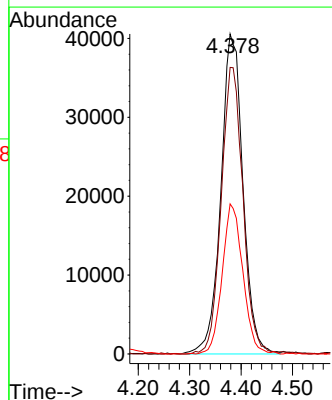
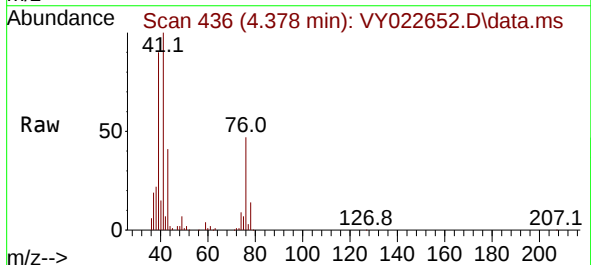
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

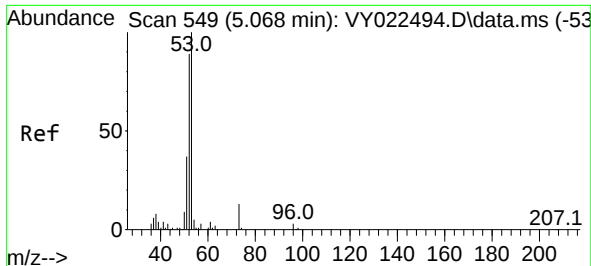
Tgt Ion: 56 Resp: 18057  
Ion Ratio Lower Upper  
56 100  
55 73.1 57.0 85.6



#14  
Allyl chloride  
Concen: 46.712 ug/l  
RT: 4.378 min Scan# 436  
Delta R.T. -0.012 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 121177  
Ion Ratio Lower Upper  
41 100  
39 87.9 69.1 103.7  
76 43.9 33.5 50.3

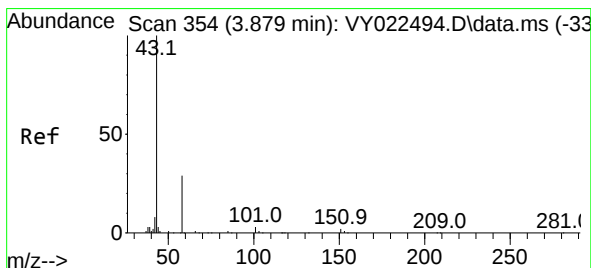
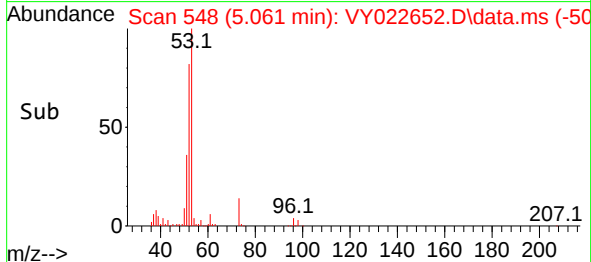
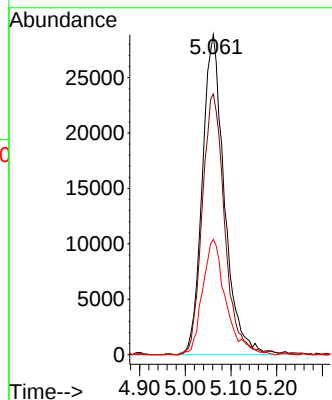
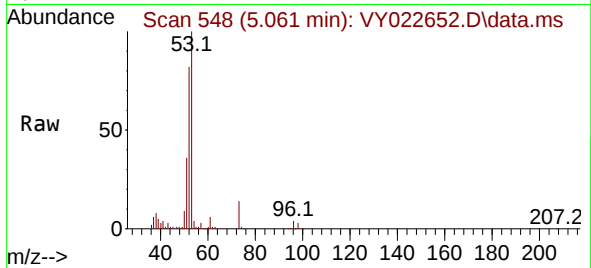




#15  
Acrylonitrile  
Concen: 247.609 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

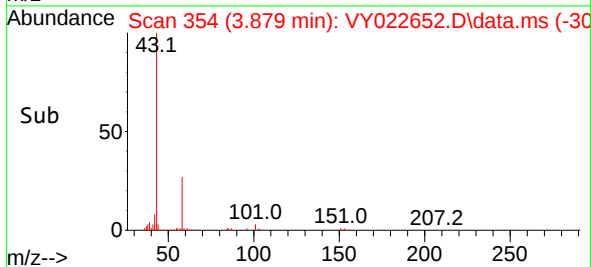
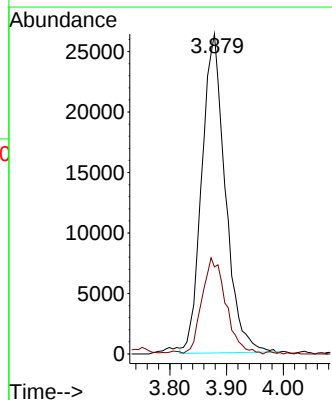
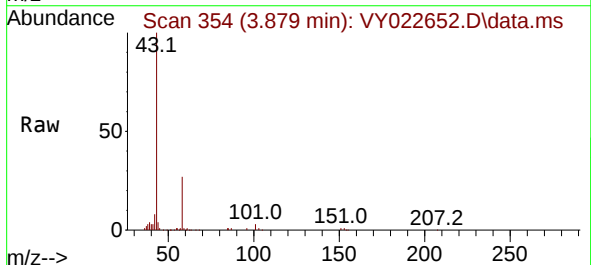
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

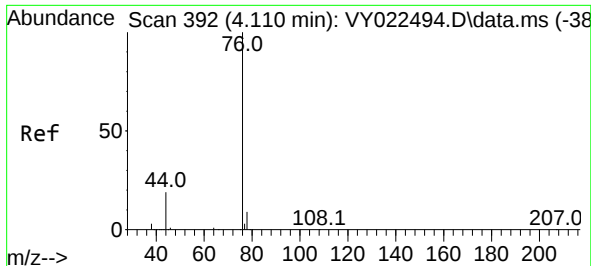
Tgt Ion: 53 Resp: 96935  
Ion Ratio Lower Upper  
53 100  
52 82.2 65.7 98.5  
51 38.0 30.1 45.1



#16  
Acetone  
Concen: 212.487 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 76054  
Ion Ratio Lower Upper  
43 100  
58 27.0 24.0 36.0

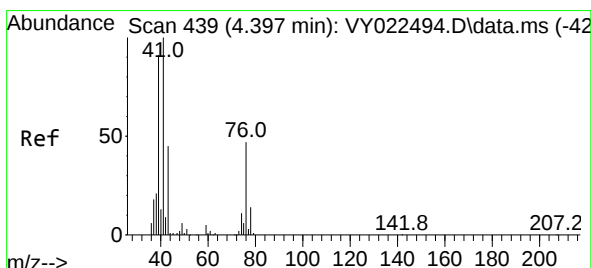
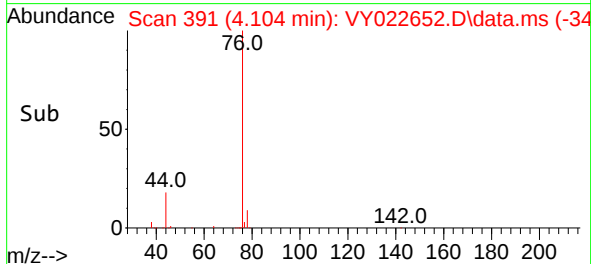
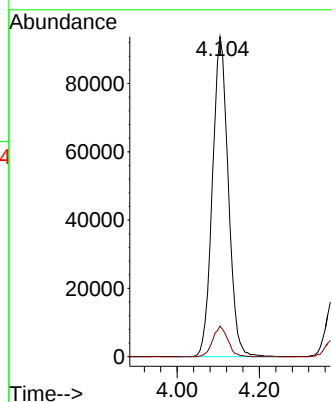
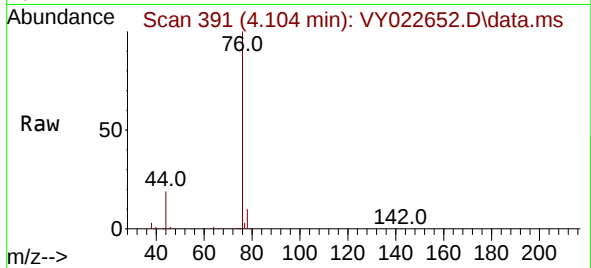




#17  
Carbon Disulfide  
Concen: 47.420 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

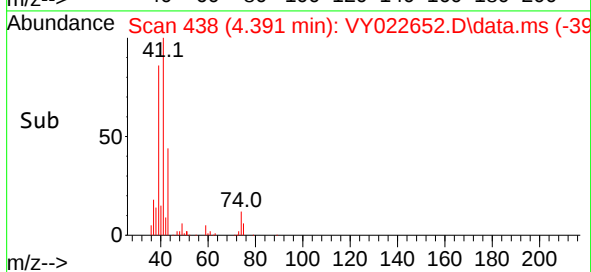
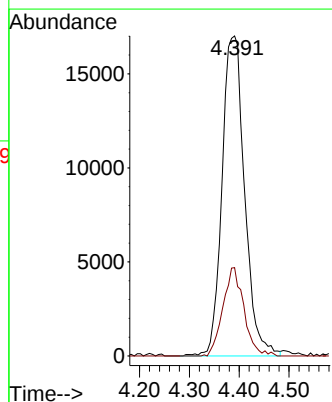
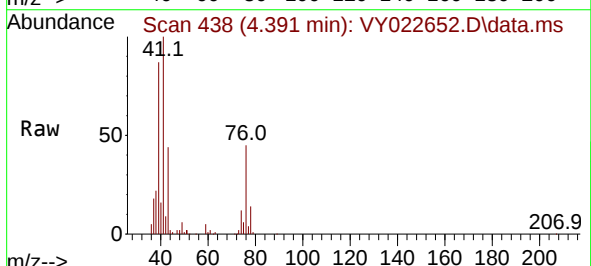
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

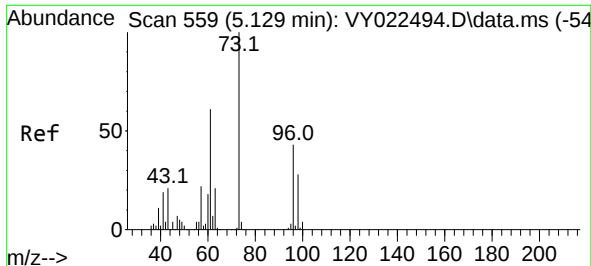
Tgt Ion: 76 Resp: 250870  
Ion Ratio Lower Upper  
76 100  
78 9.5 7.4 11.2



#18  
Methyl Acetate  
Concen: 50.535 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 53562  
Ion Ratio Lower Upper  
43 100  
74 25.7 19.8 29.6

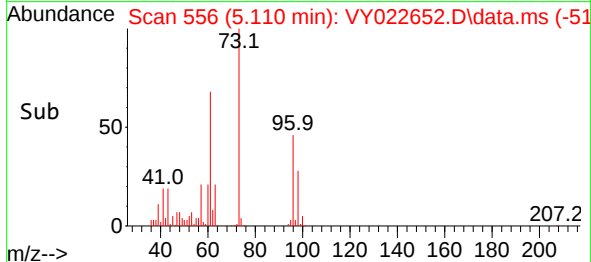
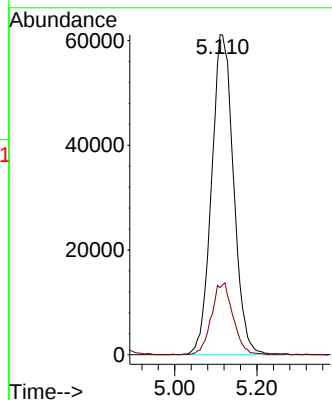
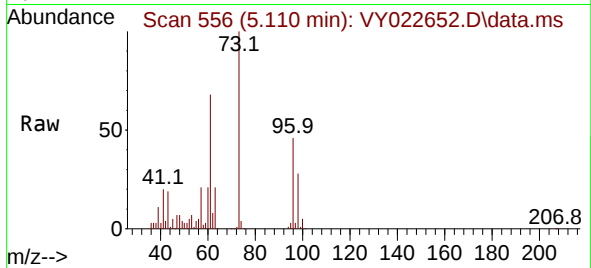




#19  
Methyl tert-butyl Ether  
Concen: 48.760 ug/l  
RT: 5.110 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

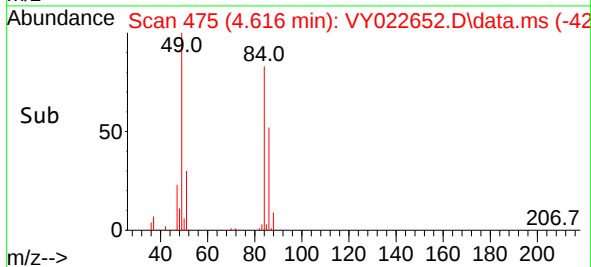
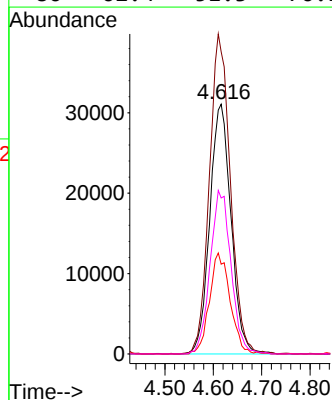
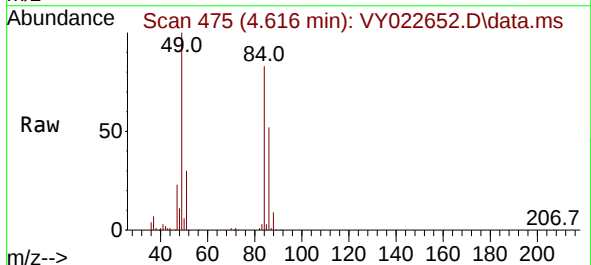
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

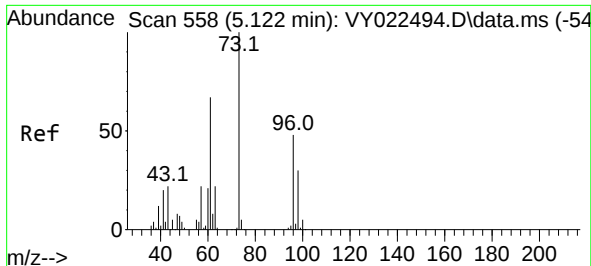
Tgt Ion: 73 Resp: 226943  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.4 26.0



#20  
Methylene Chloride  
Concen: 46.721 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 84 Resp: 94990  
Ion Ratio Lower Upper  
84 100  
49 121.0 101.9 152.9  
51 35.9 29.8 44.8  
86 62.4 51.3 76.9

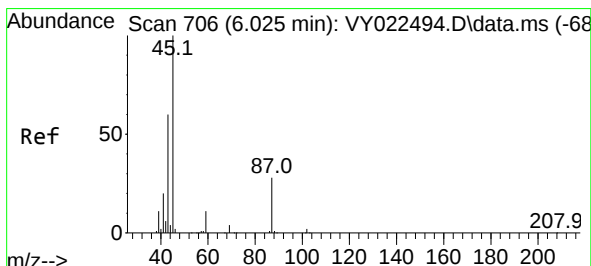
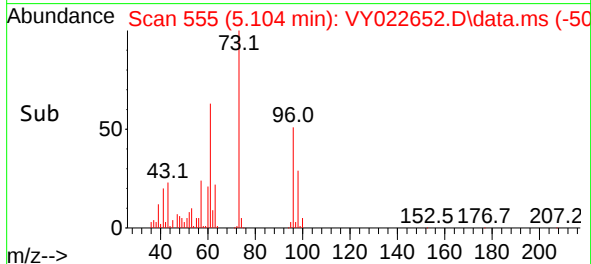
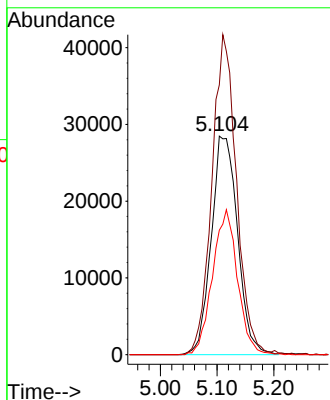
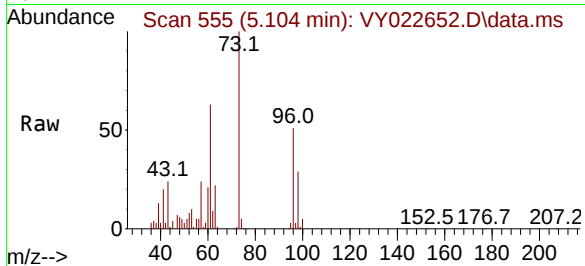




#21  
trans-1,2-Dichloroethene  
Concen: 49.515 ug/l  
RT: 5.104 min Scan# 51  
Delta R.T. -0.018 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

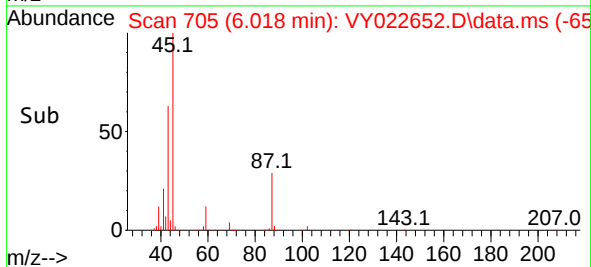
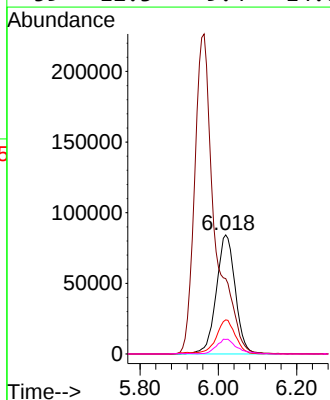
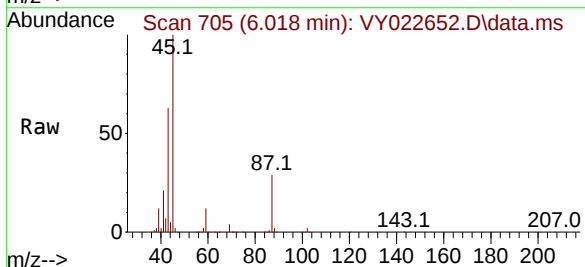
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 96 Resp: 91576  
Ion Ratio Lower Upper  
96 100  
61 123.5 112.6 169.0  
98 57.0 50.6 75.8



#22  
Diisopropyl ether  
Concen: 49.152 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 45 Resp: 283820  
Ion Ratio Lower Upper  
45 100  
43 62.8 48.3 72.5  
87 28.5 23.0 34.6  
59 12.3 9.4 14.0

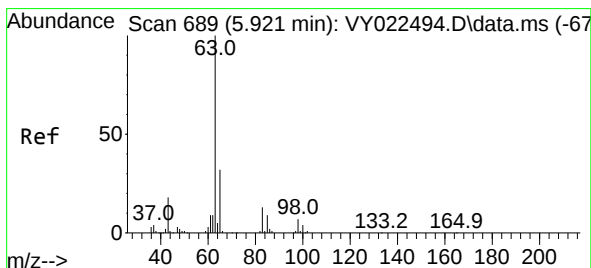
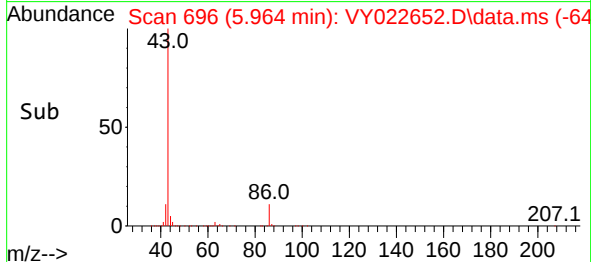
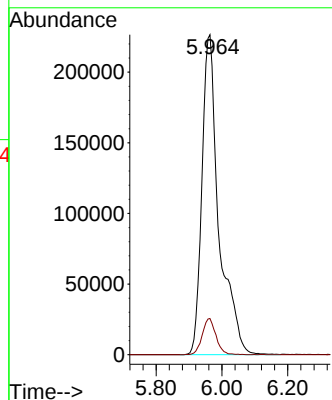
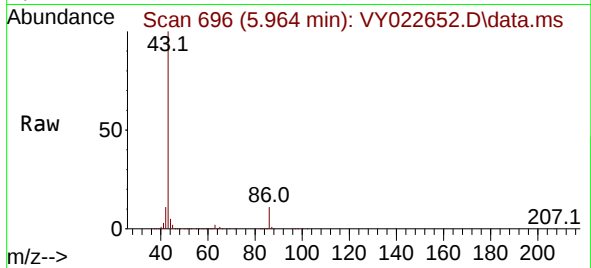




#23  
 Vinyl Acetate  
 Concen: 238.054 ug/l  
 RT: 5.964 min Scan# 696  
 Delta R.T. -0.006 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

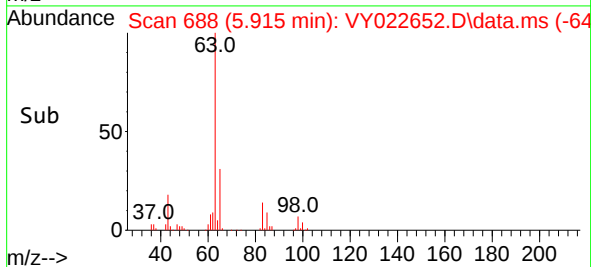
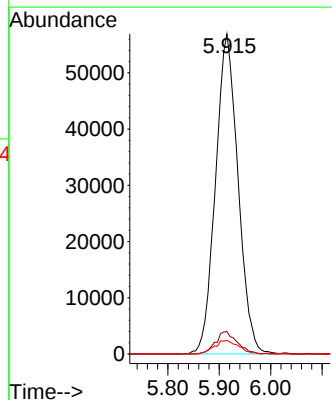
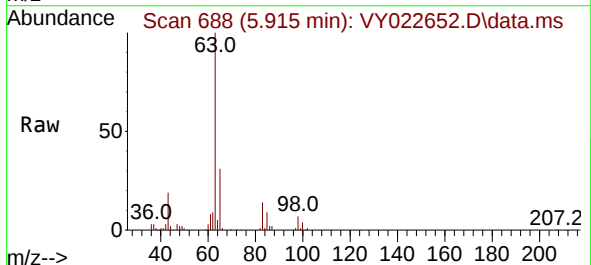
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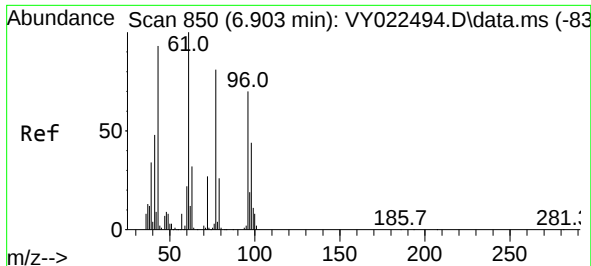
Tgt Ion: 43 Resp: 813591  
 Ion Ratio Lower Upper  
 43 100  
 86 11.3 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 50.908 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

Tgt Ion: 63 Resp: 173175  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.4 10.1  
 100 4.3 2.1 6.3

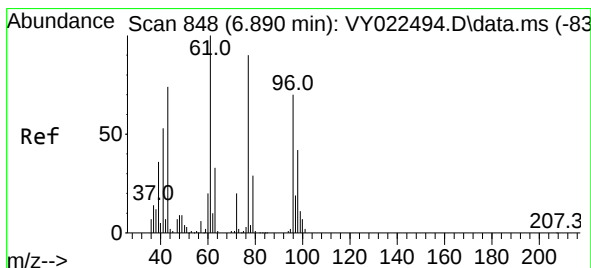
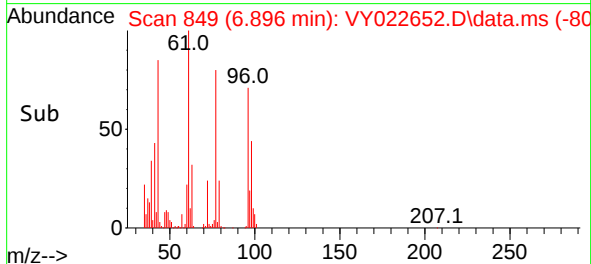
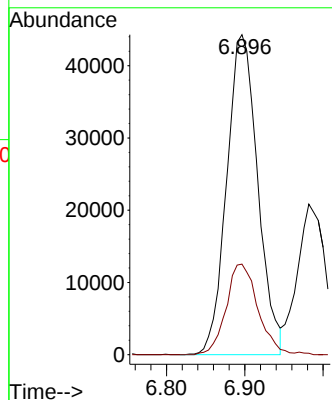
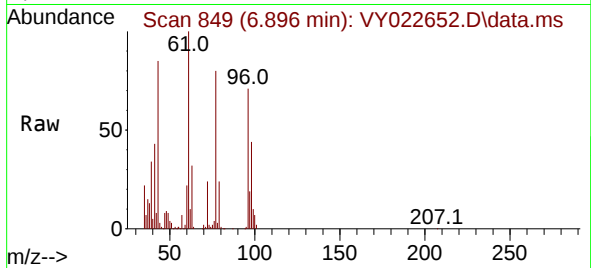




#25  
2-Butanone  
Concen: 236.409 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

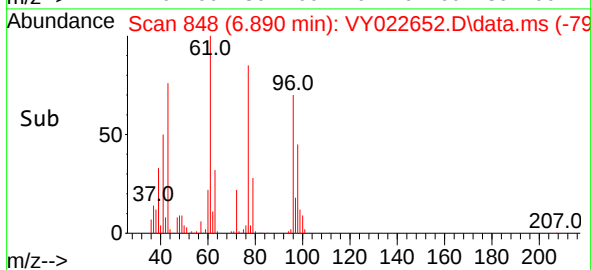
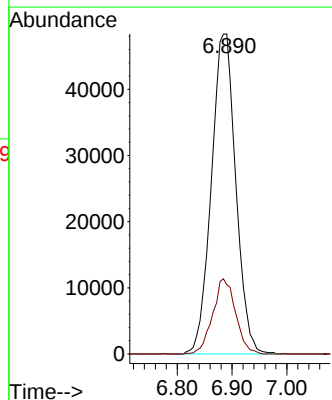
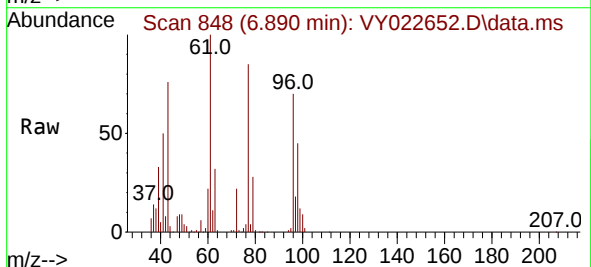
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 122054  
Ion Ratio Lower Upper  
43 100  
72 28.3 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 49.833 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 77 Resp: 149781  
Ion Ratio Lower Upper  
77 100  
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 50.321 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

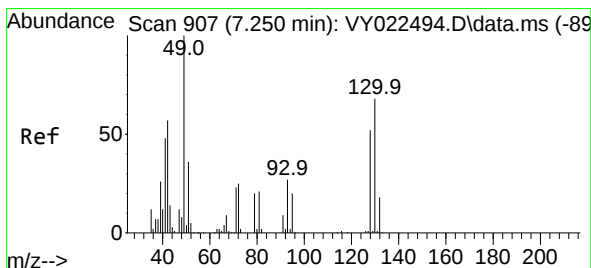
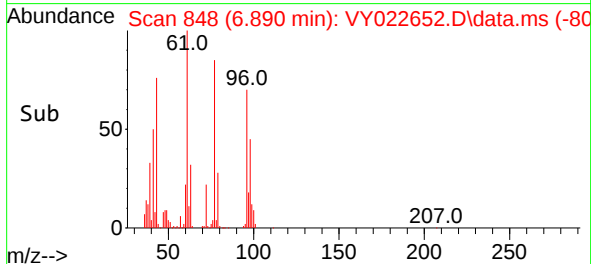
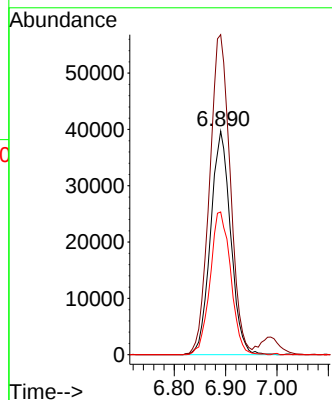
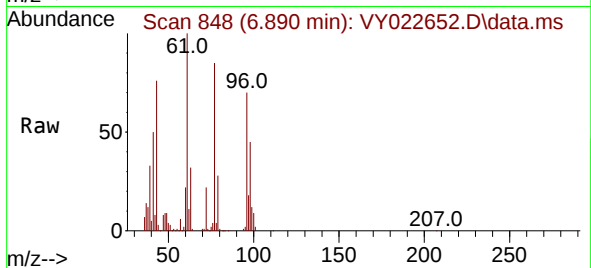
Tgt Ion: 96 Resp: 107570

Ion Ratio Lower Upper

96 100

61 147.4 0.0 290.0

98 65.5 0.0 128.4



#28

Bromochloromethane

Concen: 51.267 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

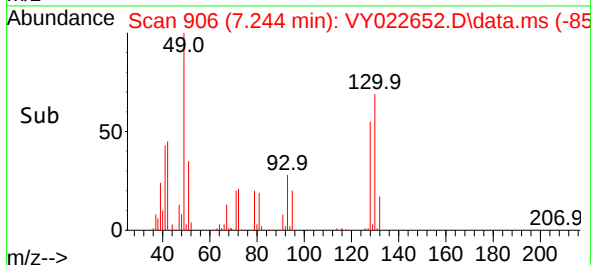
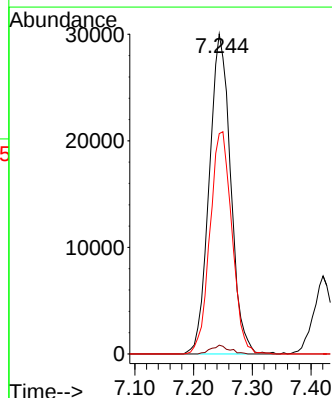
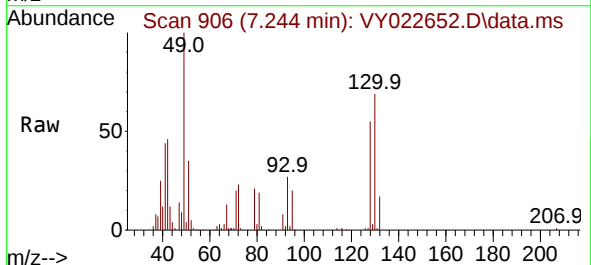
Tgt Ion: 49 Resp: 76022

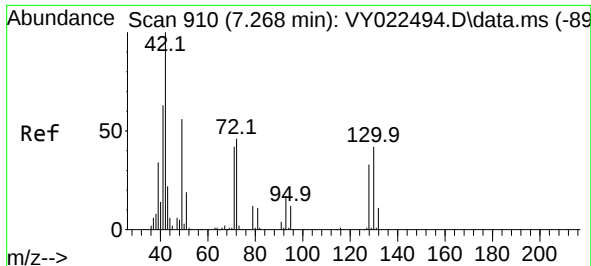
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.6

130 71.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 238.466 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

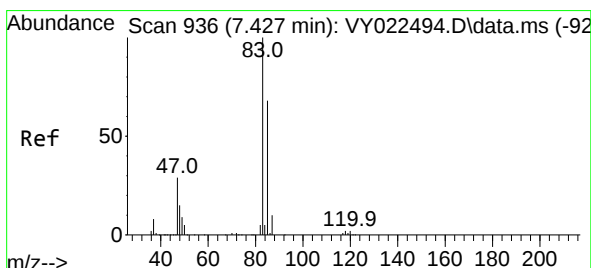
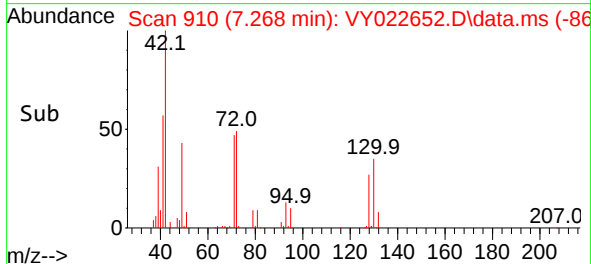
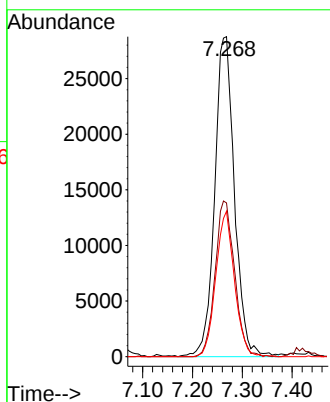
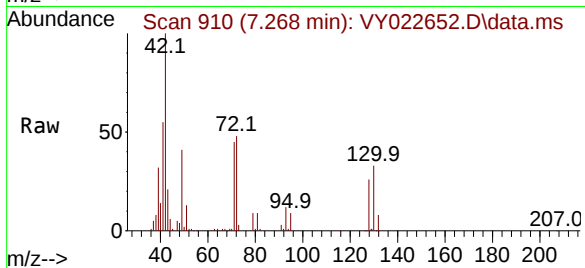
Tgt Ion: 42 Resp: 79406

Ion Ratio Lower Upper

42 100

72 47.8 37.4 56.2

71 42.8 34.2 51.2



#30

Chloroform

Concen: 51.947 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022652.D

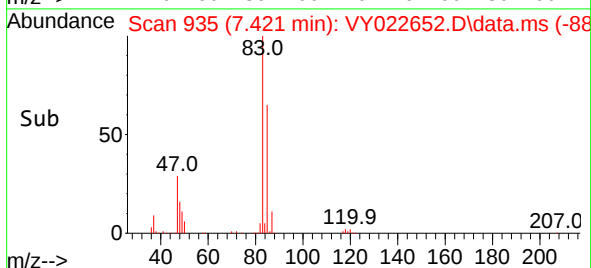
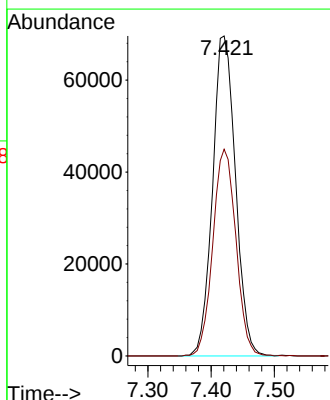
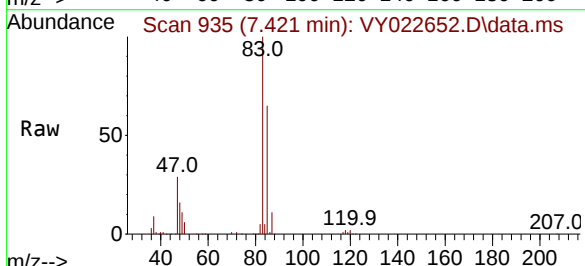
Acq: 11 Jun 2025 09:59

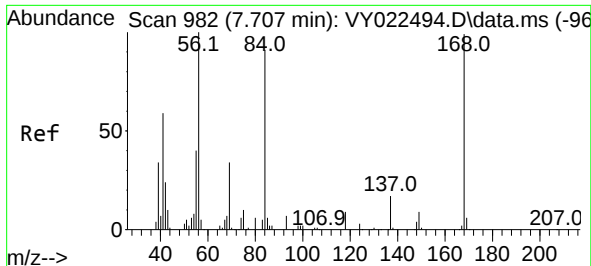
Tgt Ion: 83 Resp: 175028

Ion Ratio Lower Upper

83 100

85 64.6 54.2 81.4

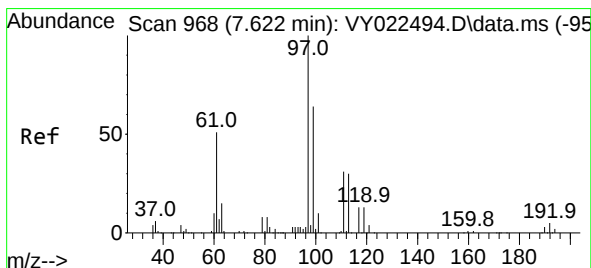
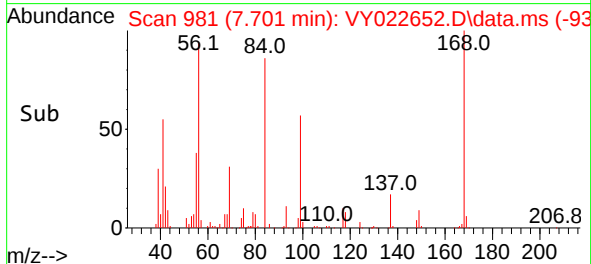
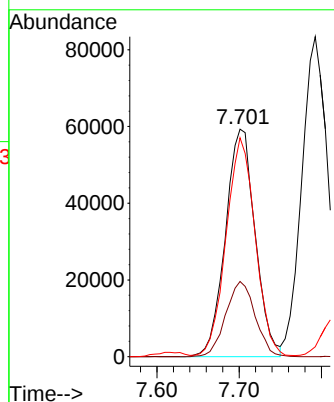
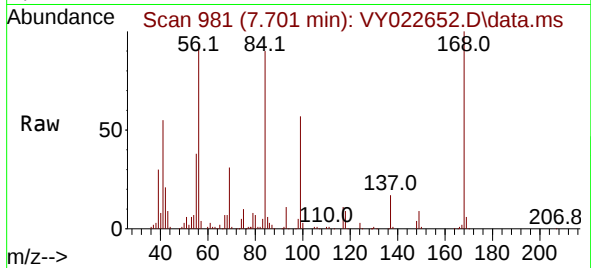




#31  
Cyclohexane  
Concen: 44.059 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

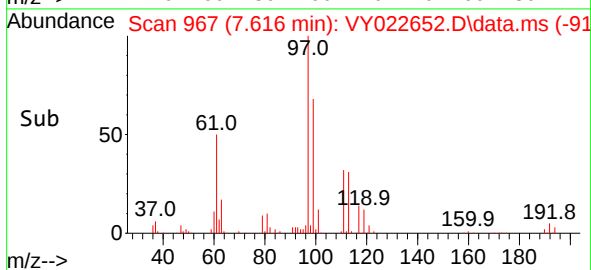
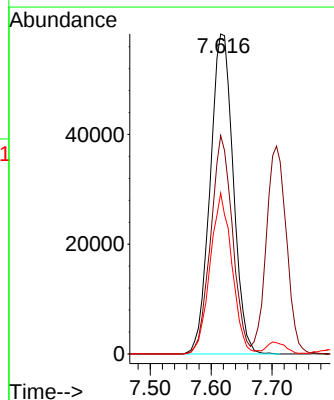
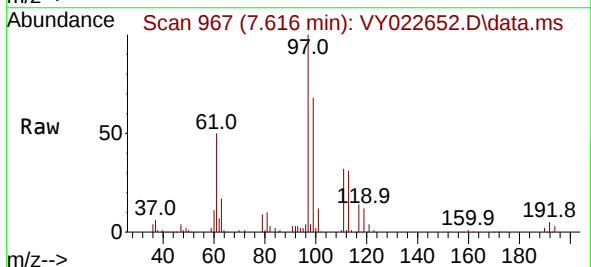
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

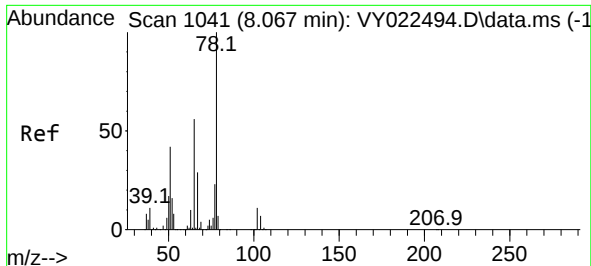
Tgt Ion: 56 Resp: 149209  
Ion Ratio Lower Upper  
56 100  
69 33.1 27.0 40.6  
84 94.4 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 51.247 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 97 Resp: 153283  
Ion Ratio Lower Upper  
97 100  
99 64.6 50.9 76.3  
61 47.6 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 53.295 ug/l

RT: 8.061 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

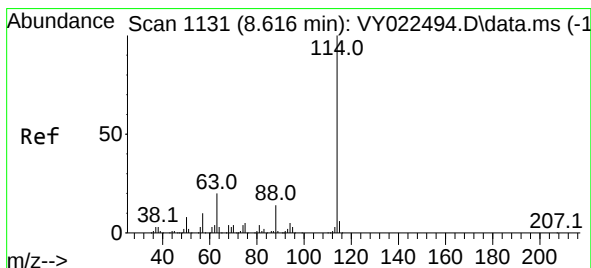
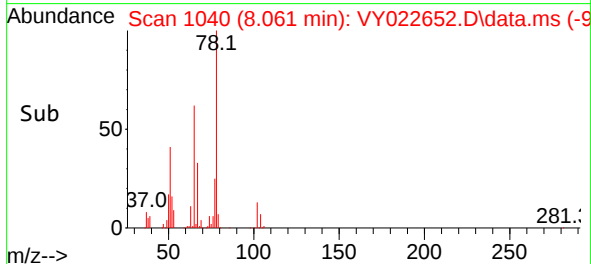
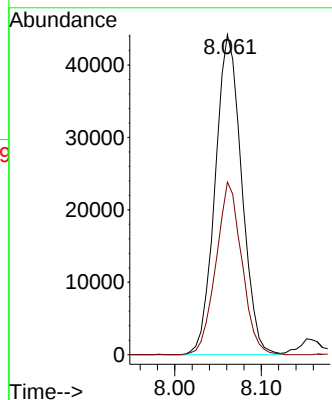
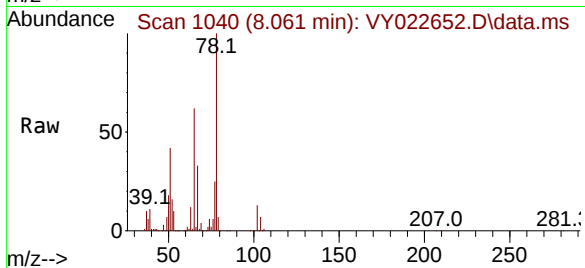
VSTDCCC050

Tgt Ion: 65 Resp: 93928

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

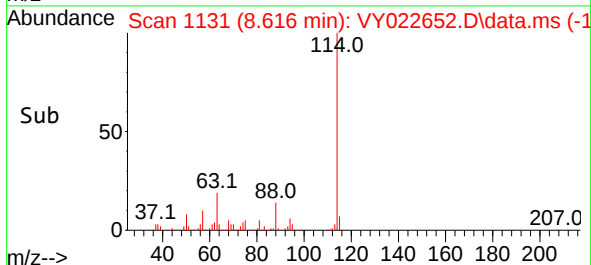
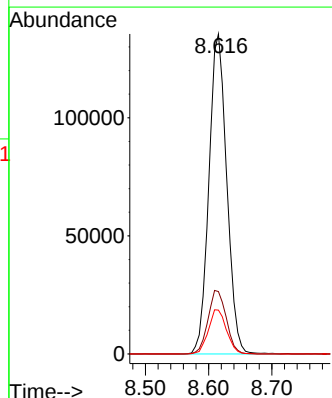
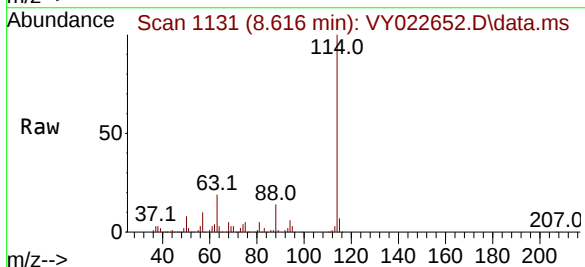
Tgt Ion: 114 Resp: 265316

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.8

88 13.7 0.0 27.8

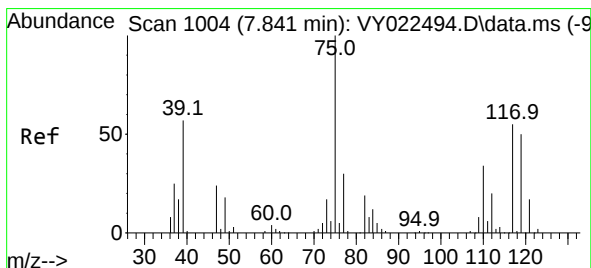
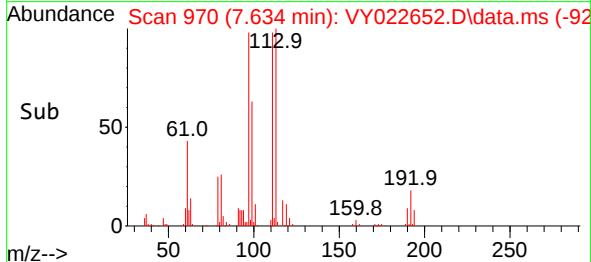
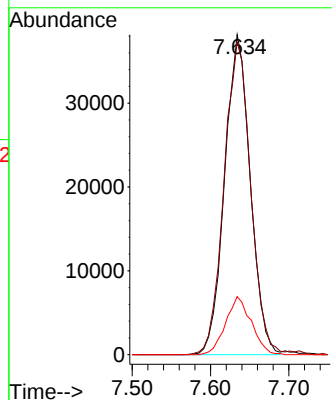
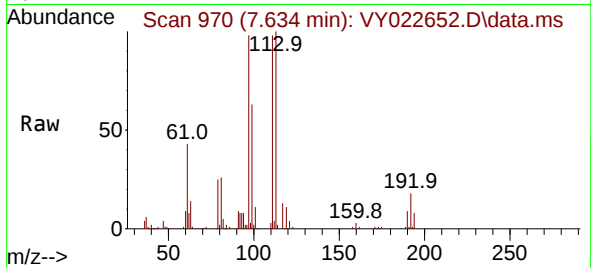




#35  
Dibromofluoromethane  
Concen: 54.732 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

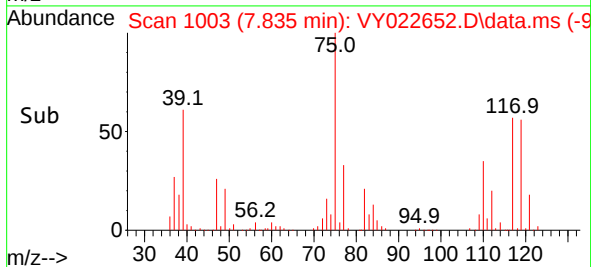
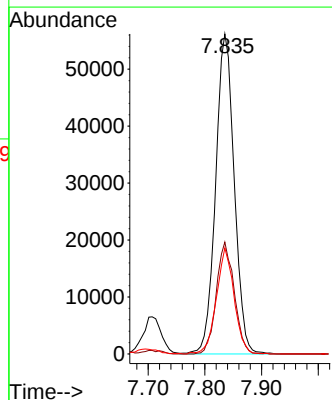
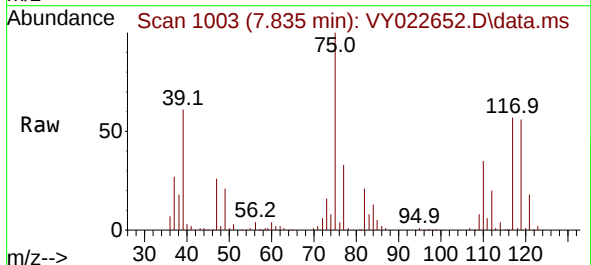
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

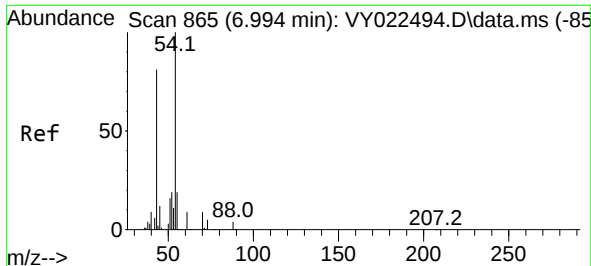
Tgt Ion:113 Resp: 86674  
Ion Ratio Lower Upper  
113 100  
111 101.4 81.1 121.7  
192 18.2 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 49.883 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 128210  
Ion Ratio Lower Upper  
75 100  
110 33.6 16.9 50.7  
77 31.6 24.8 37.2

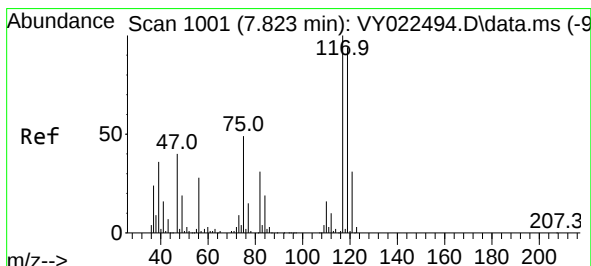
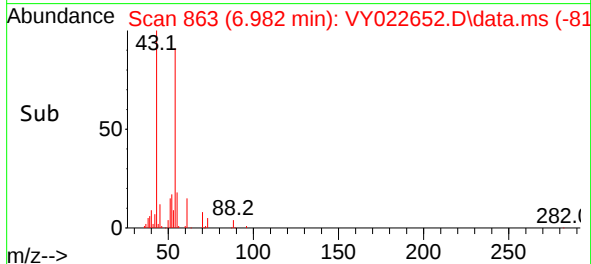
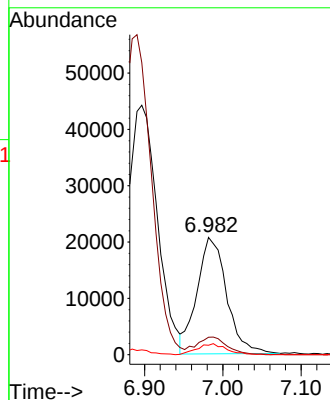
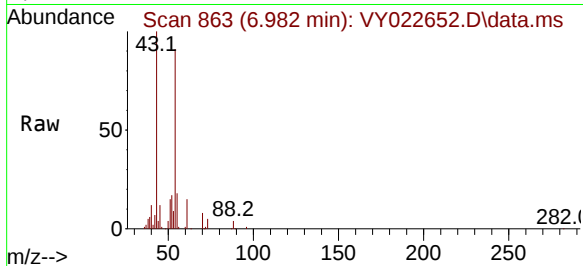




#37  
Ethyl Acetate  
Concen: 47.510 ug/l  
RT: 6.982 min Scan# 80  
Delta R.T. -0.012 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

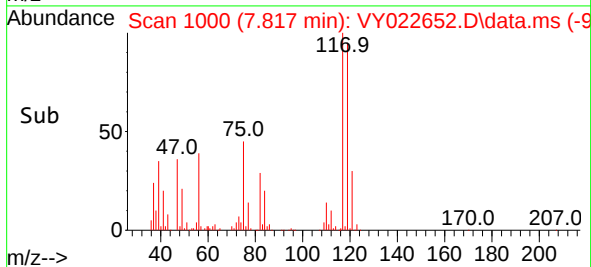
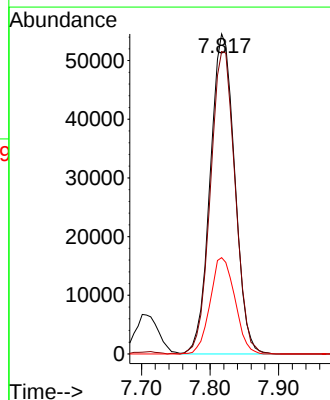
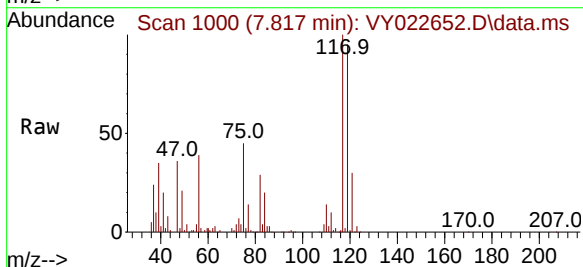
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

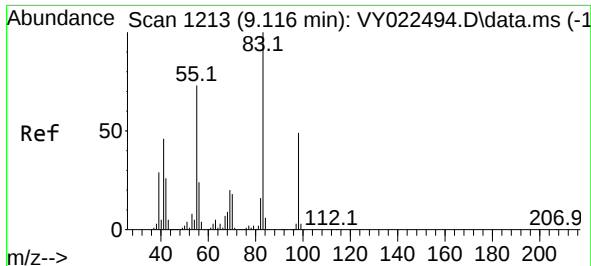
Tgt Ion: 43 Resp: 54455  
Ion Ratio Lower Upper  
43 100  
61 15.5 11.5 17.3  
70 9.3 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 51.363 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 117 Resp: 135428  
Ion Ratio Lower Upper  
117 100  
119 94.5 75.0 112.6  
121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 47.635 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

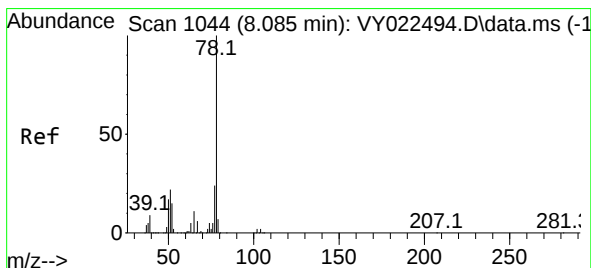
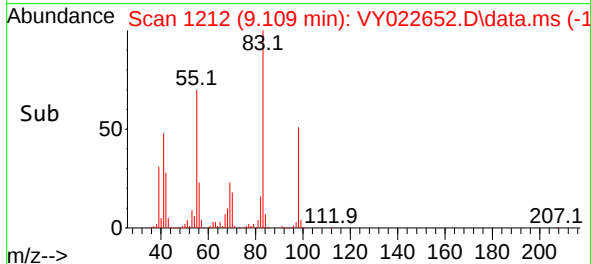
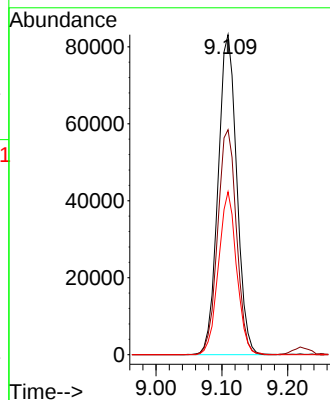
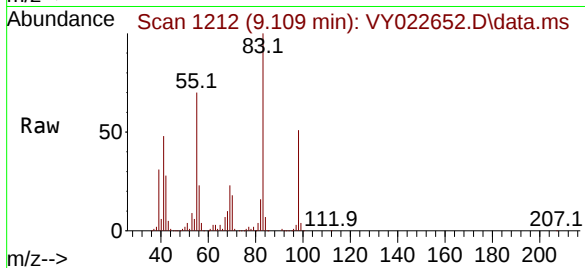
Tgt Ion: 83 Resp: 164532

Ion Ratio Lower Upper

83 100

55 70.3 58.1 87.1

98 50.9 39.0 58.6



#40

Benzene

Concen: 51.219 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022652.D

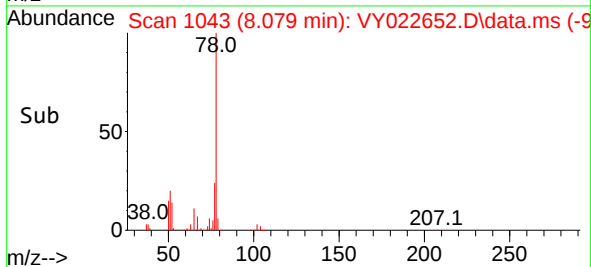
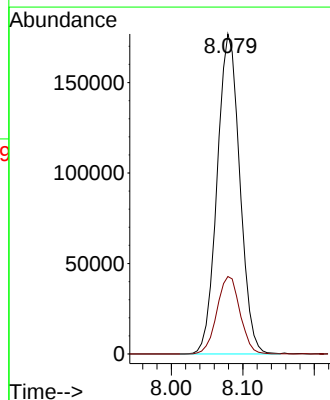
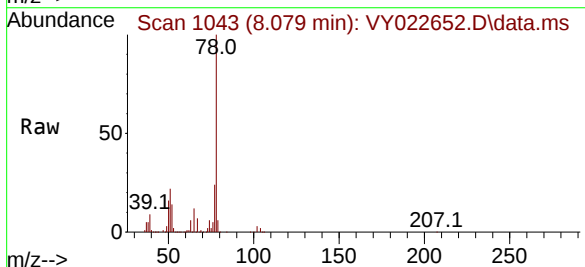
Acq: 11 Jun 2025 09:59

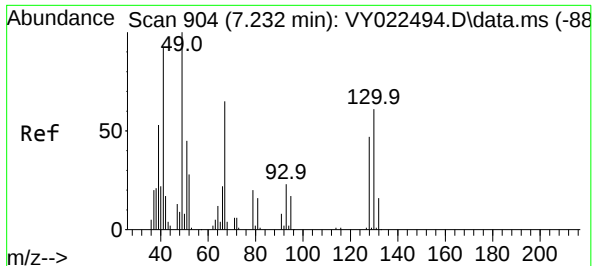
Tgt Ion: 78 Resp: 388821

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9

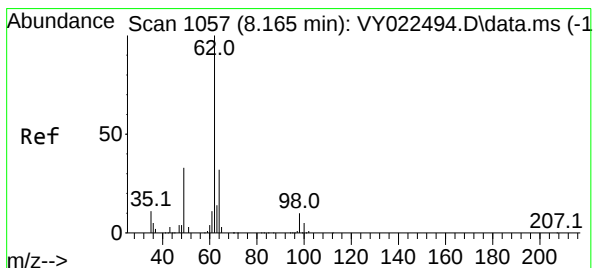
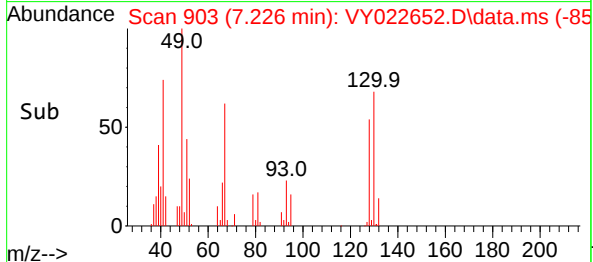
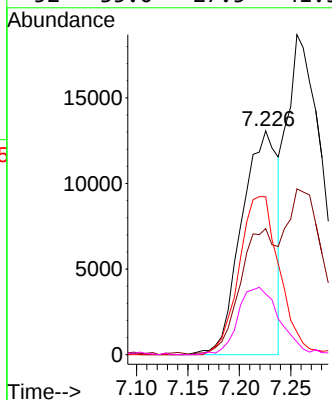
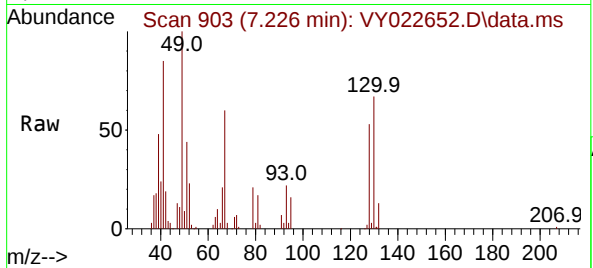




#41  
Methacrylonitrile  
Concen: 47.810 ug/l  
RT: 7.226 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

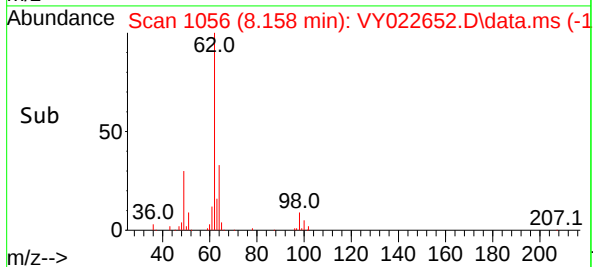
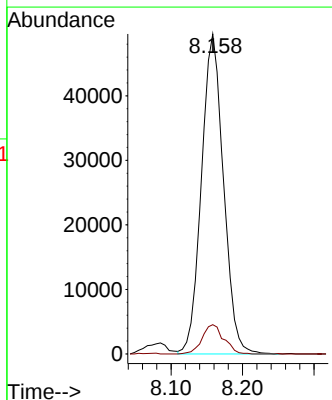
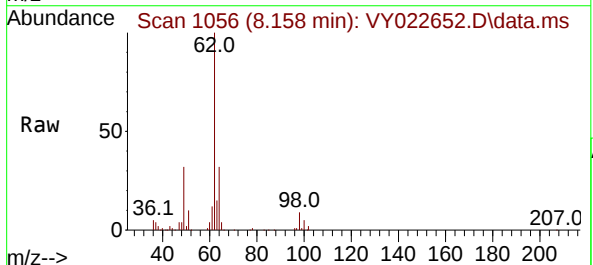
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

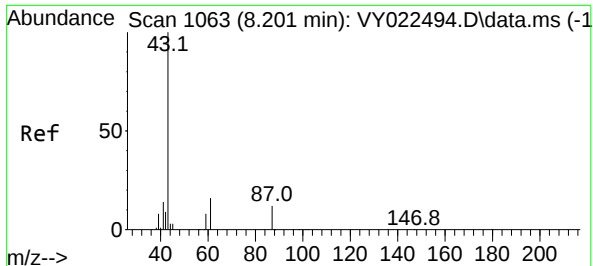
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 32009 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 57.5  | 46.6  | 69.8  |
| 67       | 79.4  | 63.3  | 94.9  |
| 52       | 35.0  | 27.5  | 41.3  |



#42  
1,2-Dichloroethane  
Concen: 51.210 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 106146 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.0   | 0.0   | 19.2   |





#43

Isopropyl Acetate

Concen: 47.665 ug/l

RT: 8.201 min Scan# 11063

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

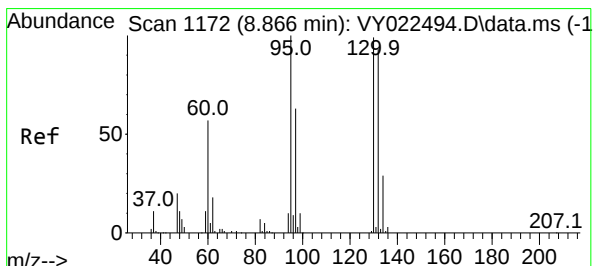
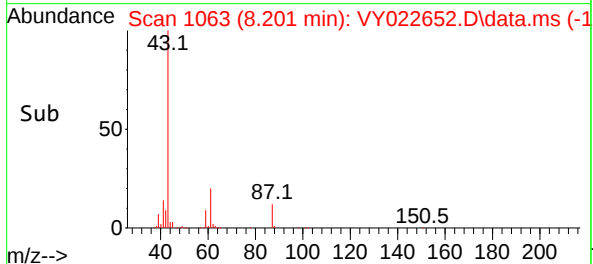
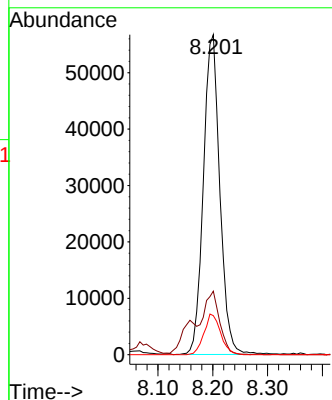
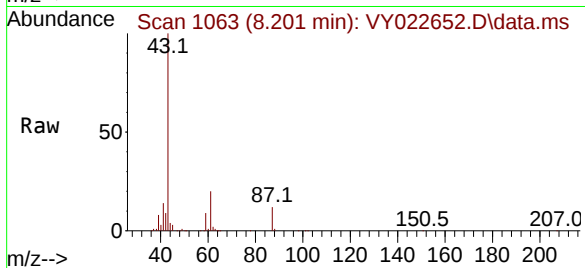
Tgt Ion: 43 Resp: 117992

Ion Ratio Lower Upper

43 100

61 19.8 15.6 23.4

87 12.8 10.2 15.4



#44

Trichloroethene

Concen: 52.755 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY022652.D

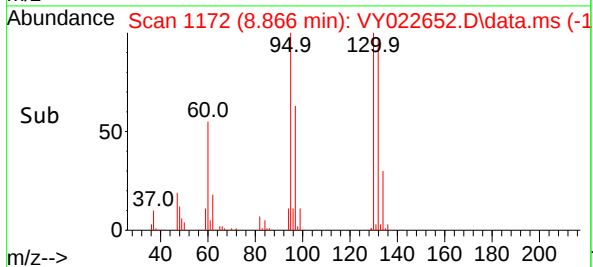
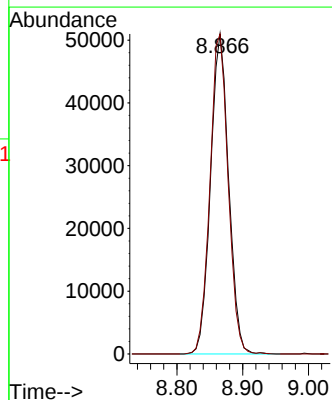
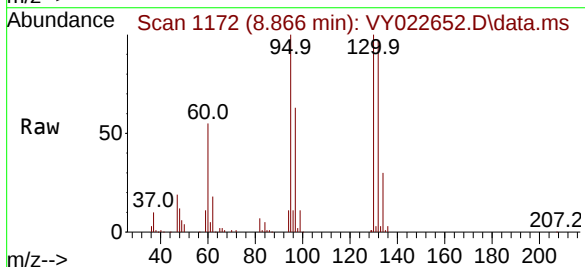
Acq: 11 Jun 2025 09:59

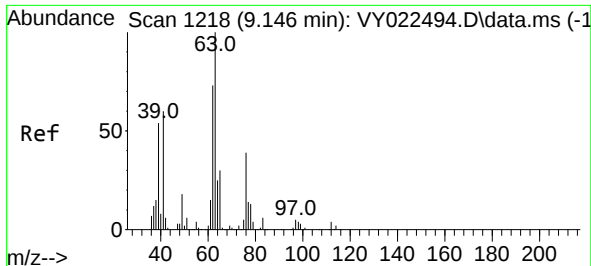
Tgt Ion: 130 Resp: 97879

Ion Ratio Lower Upper

130 100

95 99.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 51.503 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

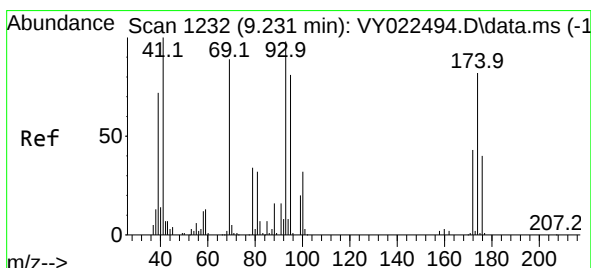
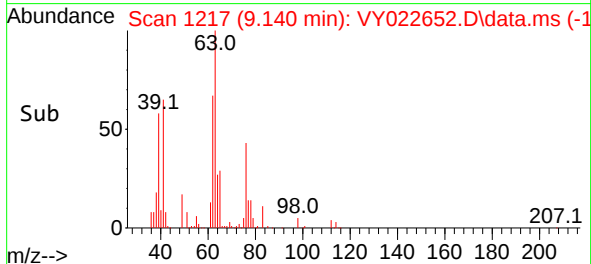
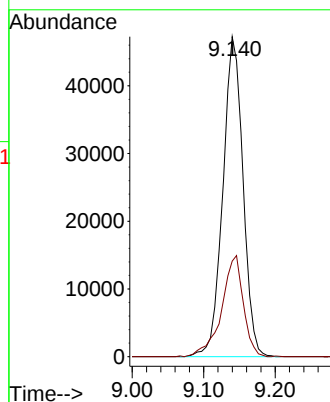
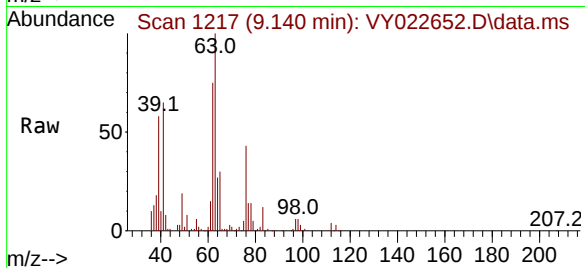
VSTDCCC050

Tgt Ion: 63 Resp: 92401

Ion Ratio Lower Upper

63 100

65 29.7 24.0 36.0



#46

Dibromomethane

Concen: 52.423 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

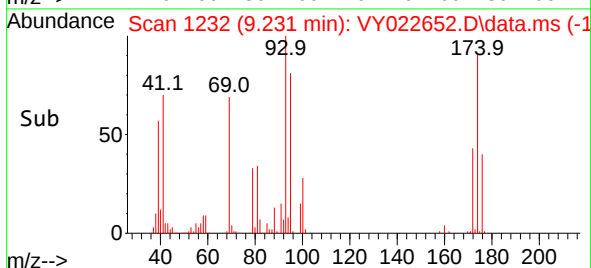
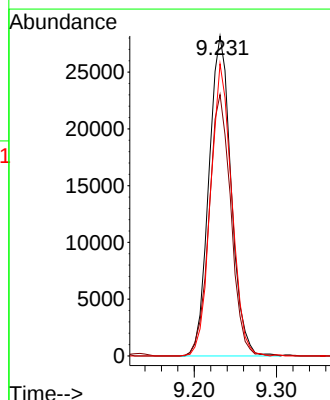
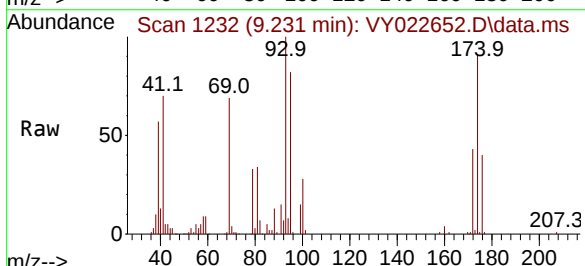
Tgt Ion: 93 Resp: 52912

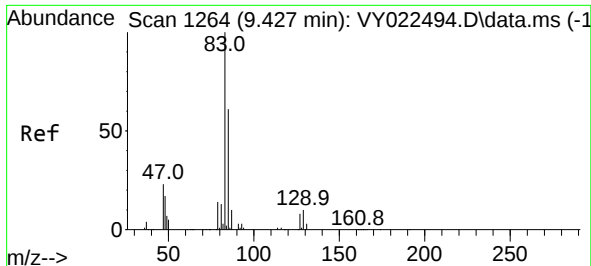
Ion Ratio Lower Upper

93 100

95 80.3 65.6 98.4

174 86.8 70.4 105.6

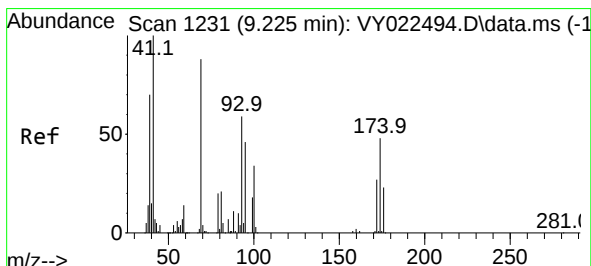
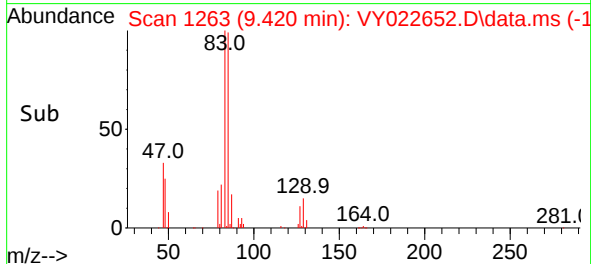
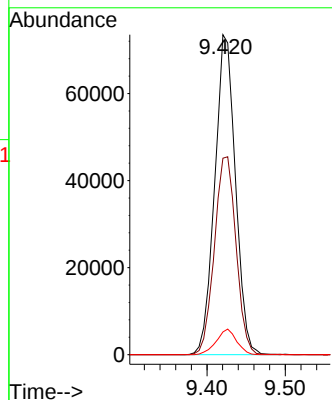
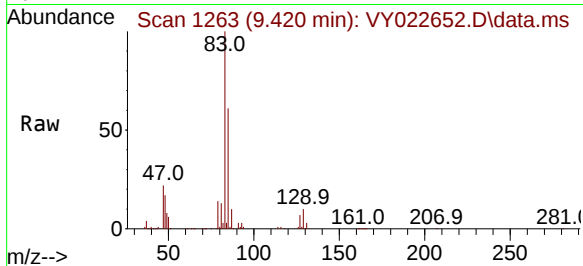




#47  
Bromodichloromethane  
Concen: 52.817 ug/l  
RT: 9.420 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

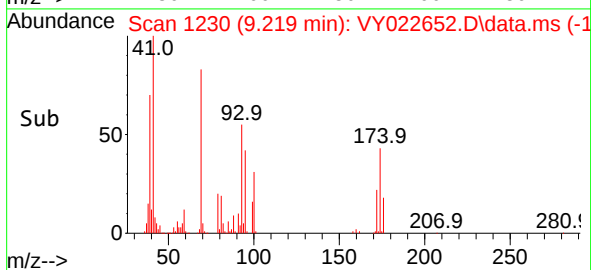
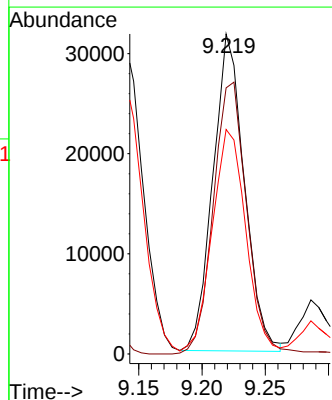
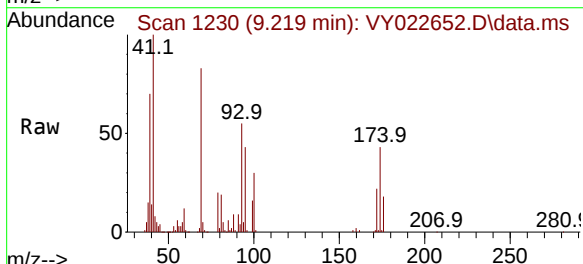
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

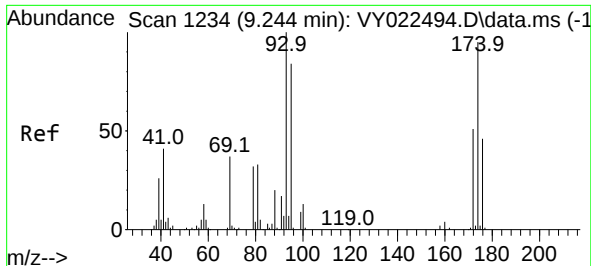
Tgt Ion: 83 Resp: 135175  
Ion Ratio Lower Upper  
83 100  
85 61.4 49.1 73.7  
127 7.1 6.2 9.4



#48  
Methyl methacrylate  
Concen: 47.036 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 41 Resp: 54646  
Ion Ratio Lower Upper  
41 100  
69 91.9 67.8 101.8  
39 74.3 55.0 82.4





#49

1,4-Dioxane

Concen: 951.195 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

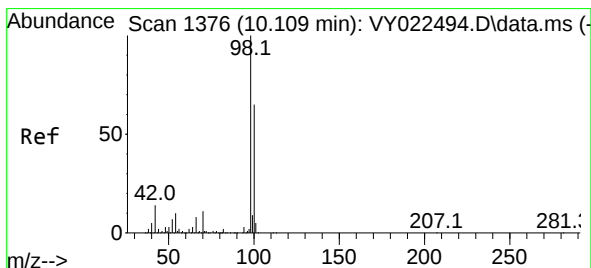
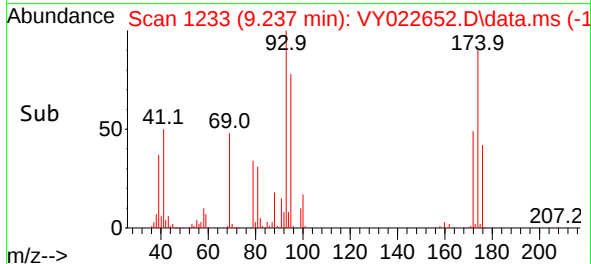
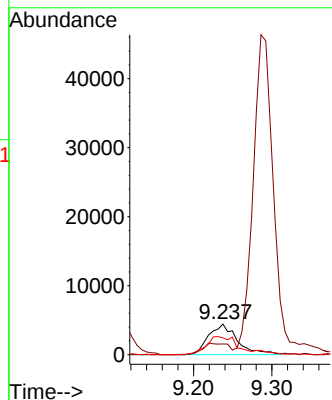
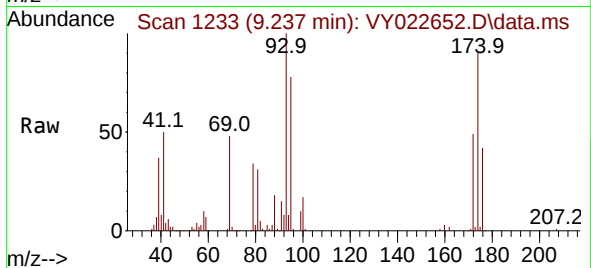
Tgt Ion: 88 Resp: 11374

Ion Ratio Lower Upper

88 100

43 33.5 25.4 38.2

58 60.8 54.9 82.3



#50

Toluene-d8

Concen: 54.889 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022652.D

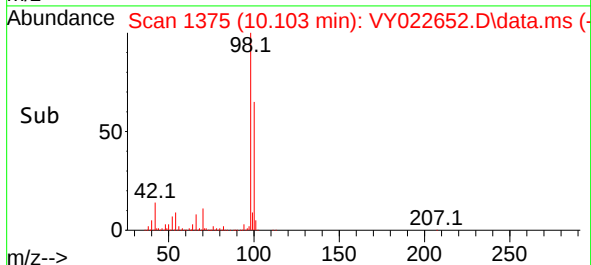
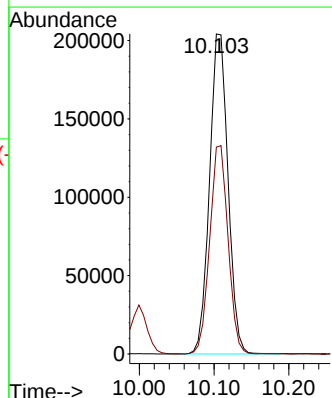
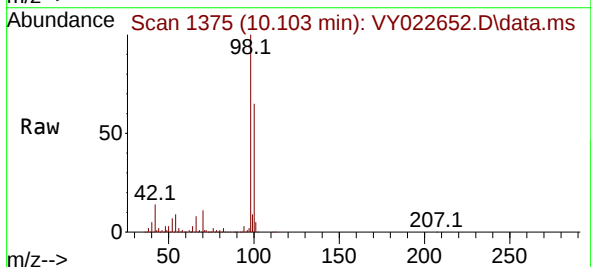
Acq: 11 Jun 2025 09:59

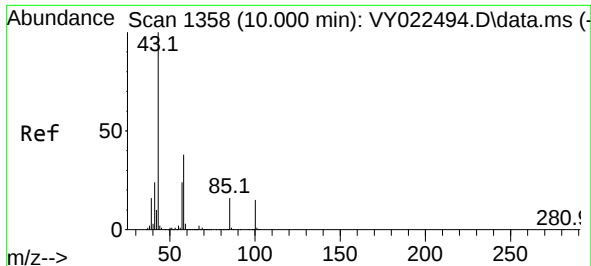
Tgt Ion: 98 Resp: 351227

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0

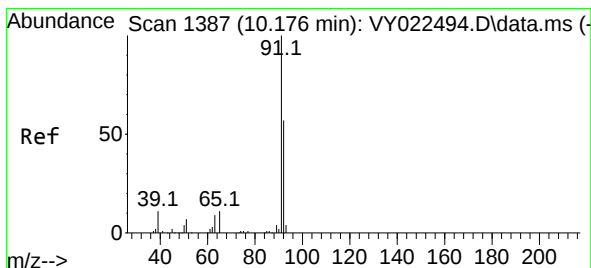
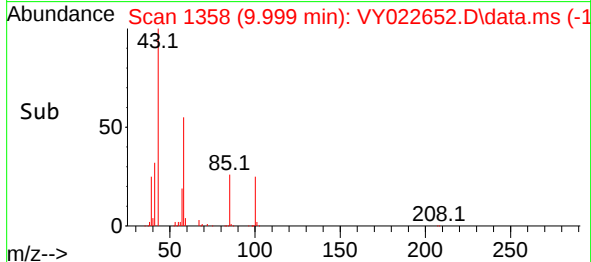
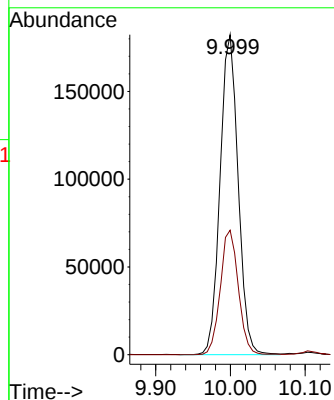
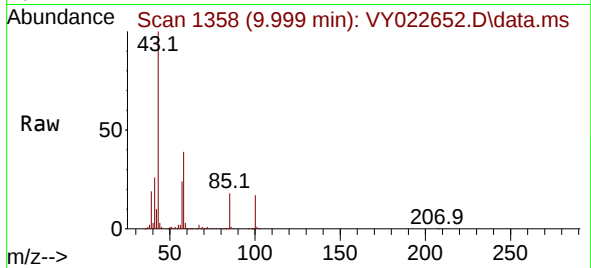




#51  
4-Methyl-2-Pentanone  
Concen: 248.232 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

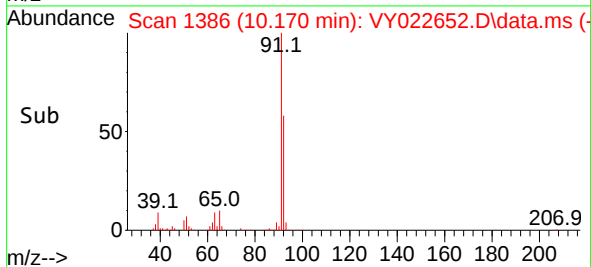
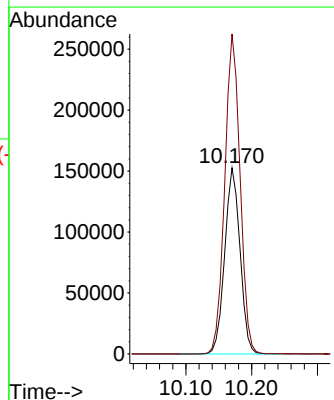
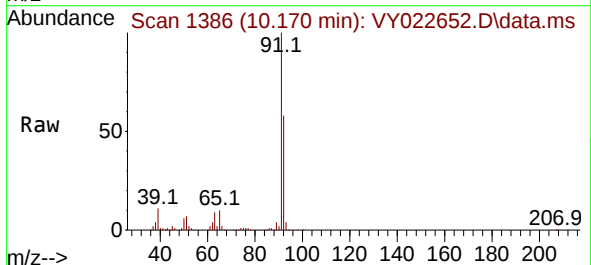
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

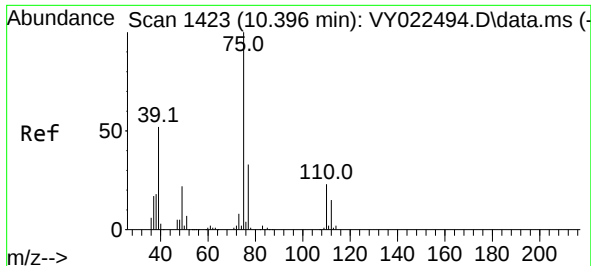
Tgt Ion: 43 Resp: 306364  
Ion Ratio Lower Upper  
43 100  
58 38.9 30.4 45.6



#52  
Toluene  
Concen: 51.844 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 92 Resp: 247331  
Ion Ratio Lower Upper  
92 100  
91 172.1 139.0 208.4

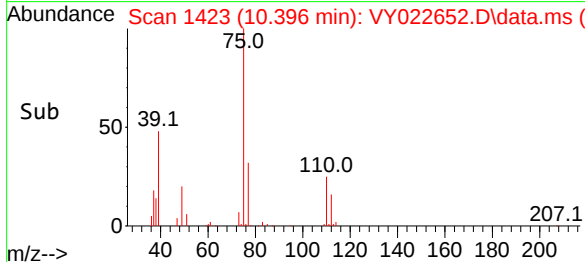
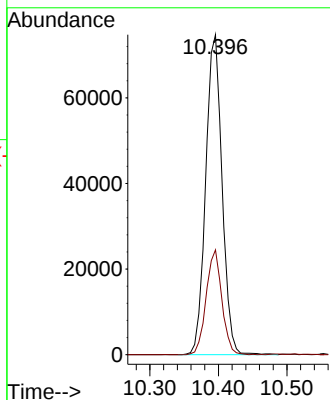
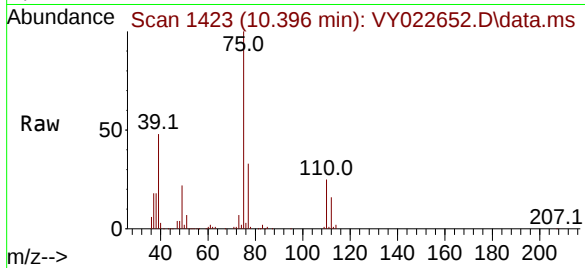




#53  
 t-1,3-Dichloropropene  
 Concen: 51.731 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

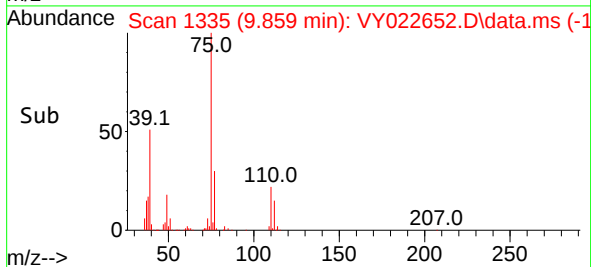
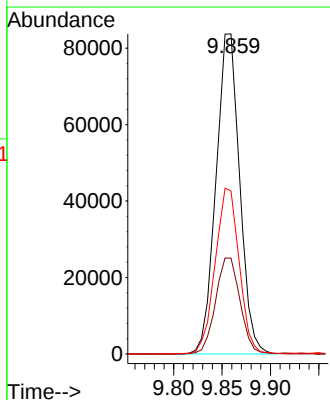
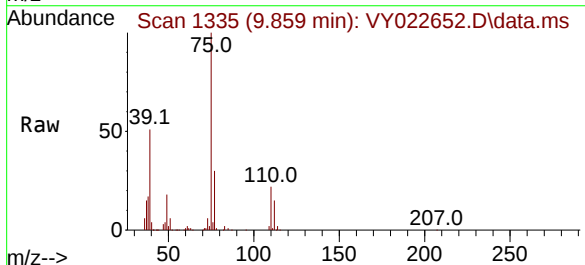
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

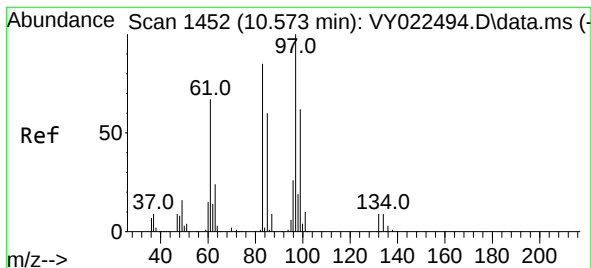
Tgt Ion: 75 Resp: 124050  
 Ion Ratio Lower Upper  
 75 100  
 77 32.7 26.5 39.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.121 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 142700  
 Ion Ratio Lower Upper  
 75 100  
 77 30.0 25.3 37.9  
 39 50.8 42.7 64.1

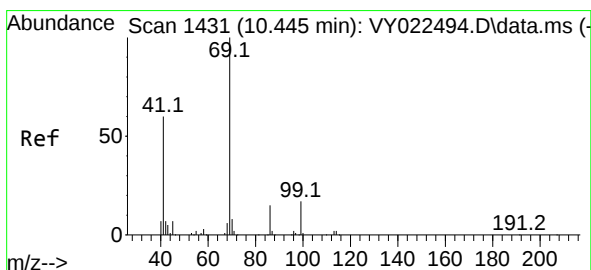
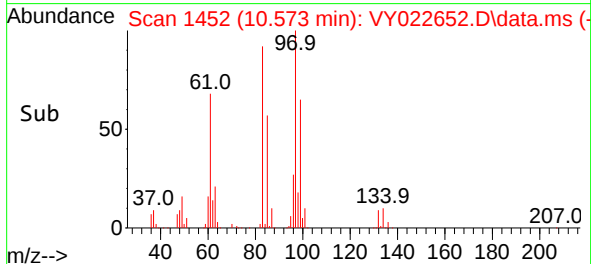
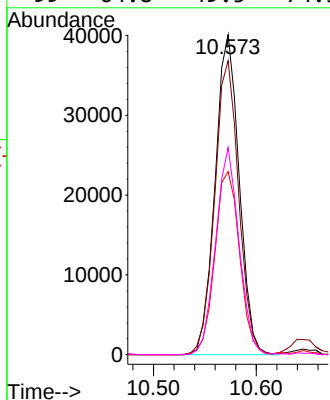
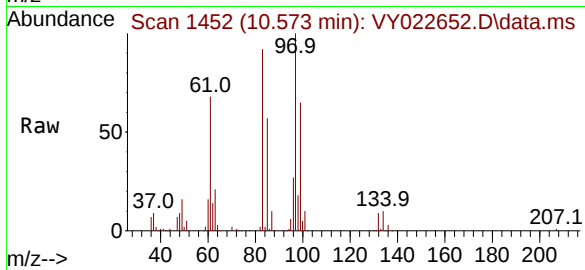




#55  
1,1,2-Trichloroethane  
Concen: 50.652 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

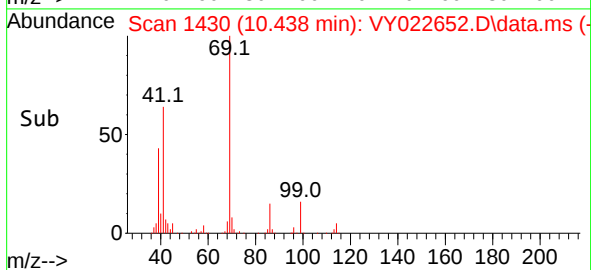
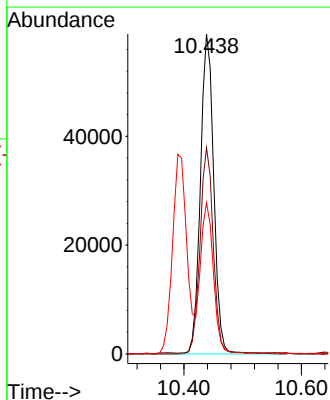
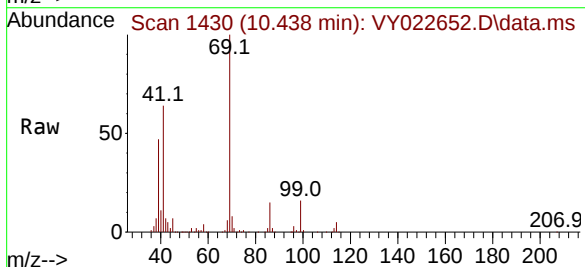
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 65190 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.8  | 68.1  | 102.1 |
| 85       | 57.2  | 48.2  | 72.2  |
| 99       | 64.8  | 49.5  | 74.3  |



#56  
Ethyl methacrylate  
Concen: 49.753 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 92549 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.3  | 52.2  | 78.2  |
| 39       | 44.8  | 36.7  | 55.1  |





#57

1,3-Dichloropropane

Concen: 50.976 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

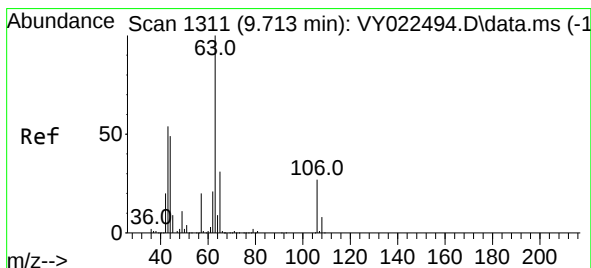
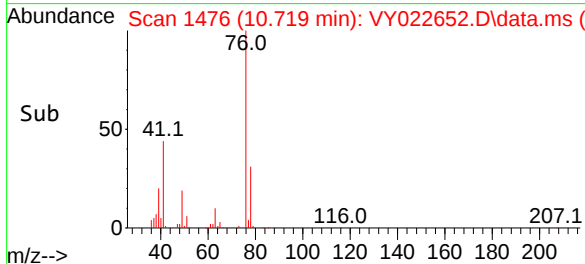
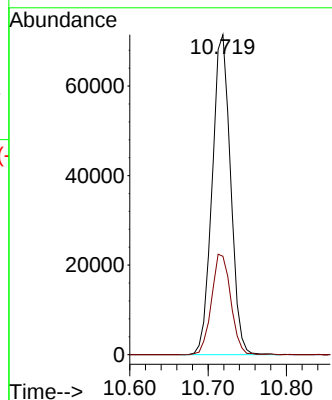
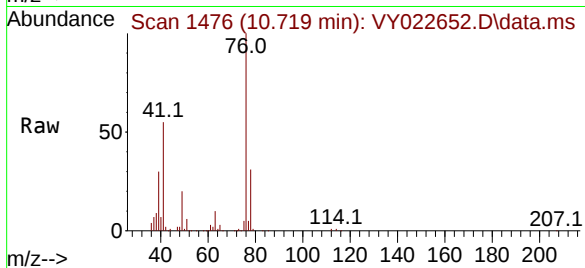
VSTDCCC050

Tgt Ion: 76 Resp: 116284

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 274.143 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022652.D

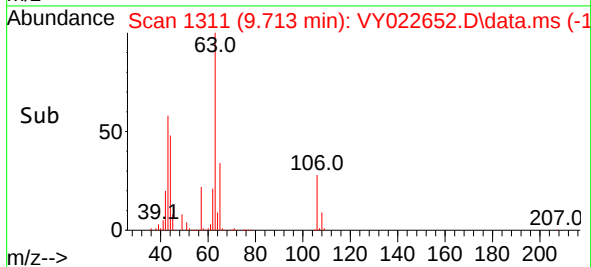
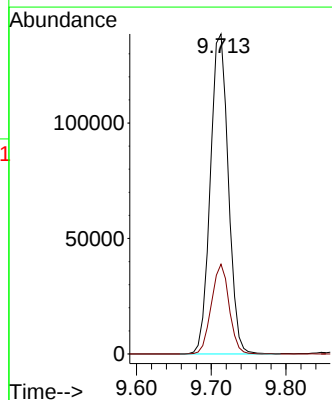
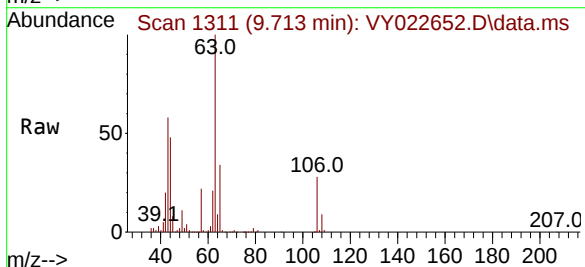
Acq: 11 Jun 2025 09:59

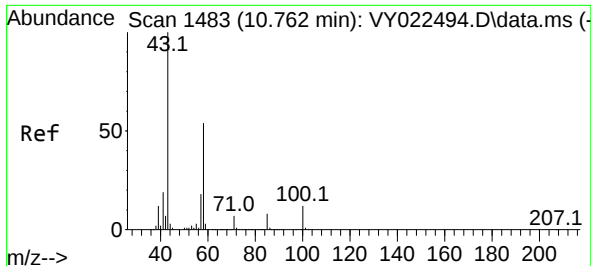
Tgt Ion: 63 Resp: 231530

Ion Ratio Lower Upper

63 100

106 27.6 21.6 32.4

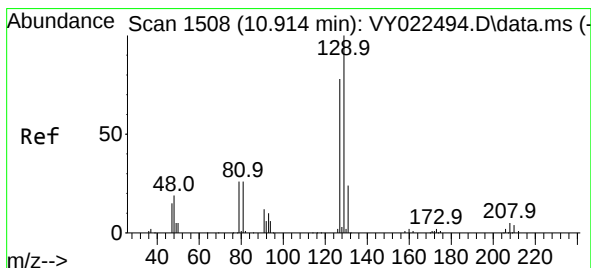
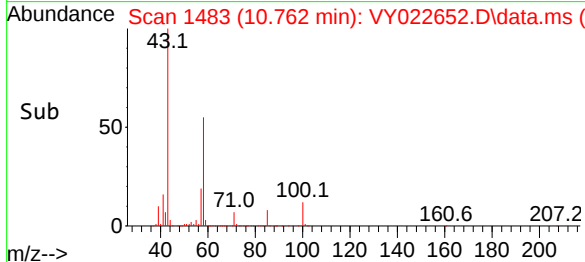
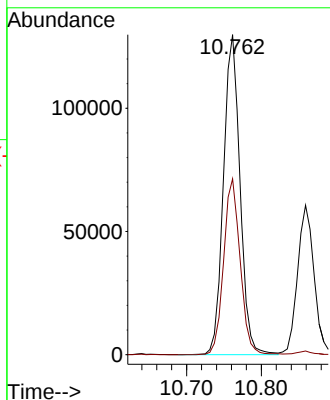
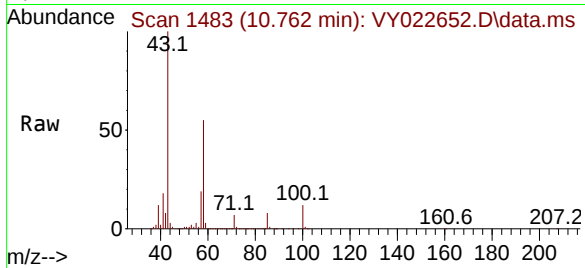




#59  
2-Hexanone  
Concen: 242.841 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

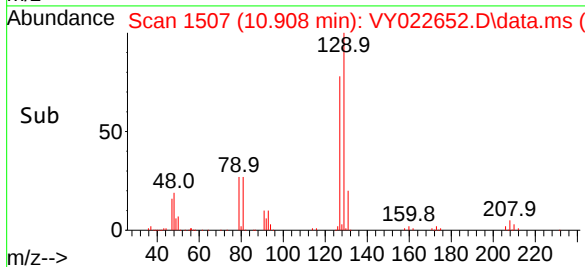
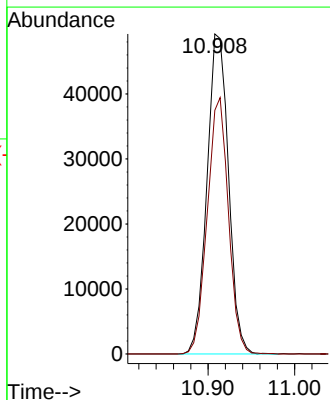
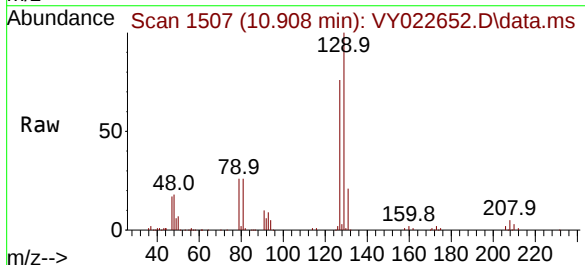
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

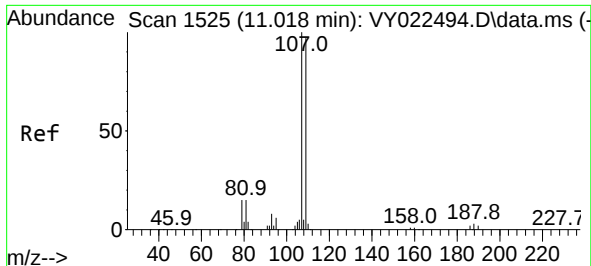
Tgt Ion: 43 Resp: 200444  
Ion Ratio Lower Upper  
43 100  
58 54.8 27.3 81.8



#60  
Dibromochloromethane  
Concen: 51.909 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion:129 Resp: 84902  
Ion Ratio Lower Upper  
129 100  
127 78.7 39.1 117.2

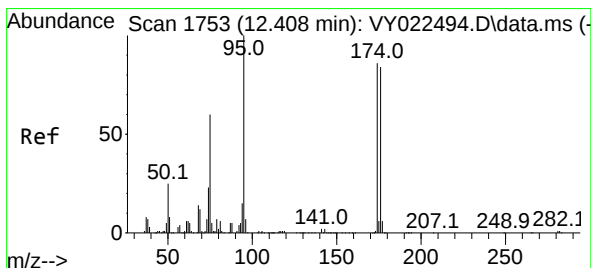
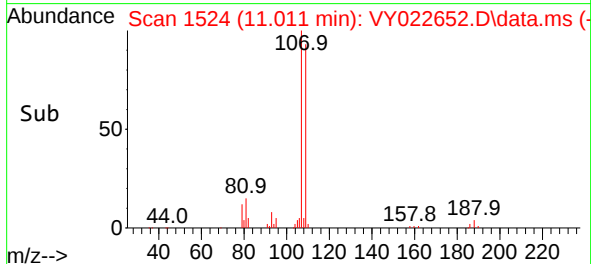
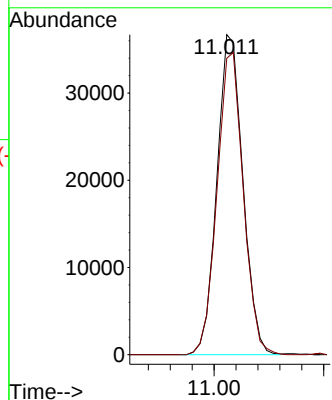
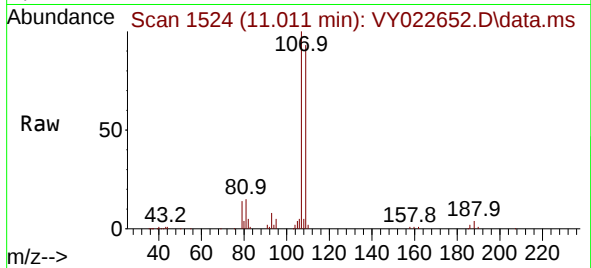




#61  
1,2-Dibromoethane  
Concen: 51.536 ug/l  
RT: 11.011 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

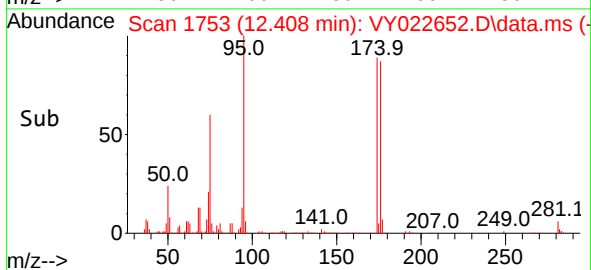
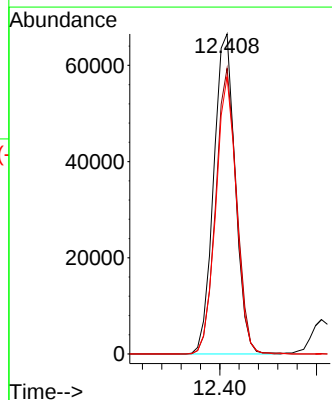
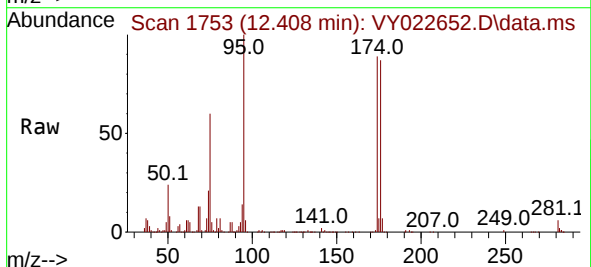
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

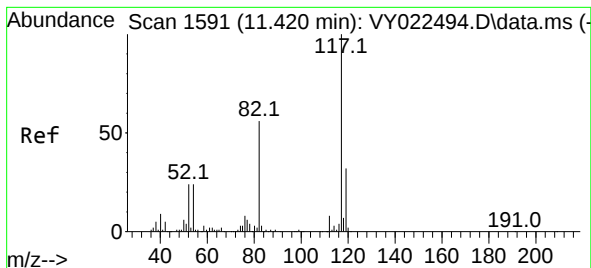
Tgt Ion:107 Resp: 60454  
Ion Ratio Lower Upper  
107 100  
109 95.3 77.7 116.5



#62  
4-Bromofluorobenzene  
Concen: 53.948 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 95 Resp: 102854  
Ion Ratio Lower Upper  
95 100  
174 86.5 0.0 170.0  
176 83.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

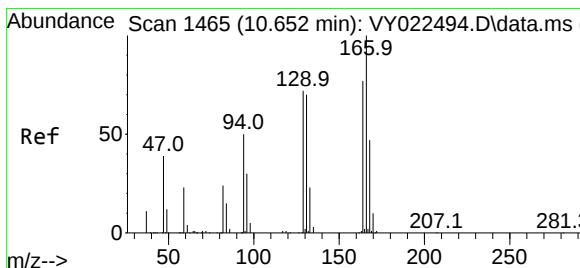
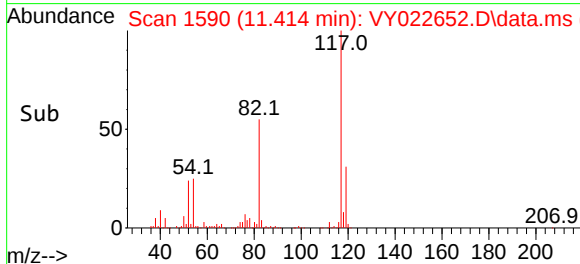
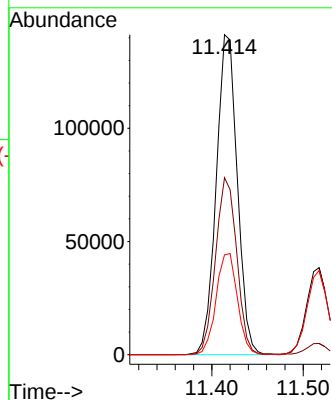
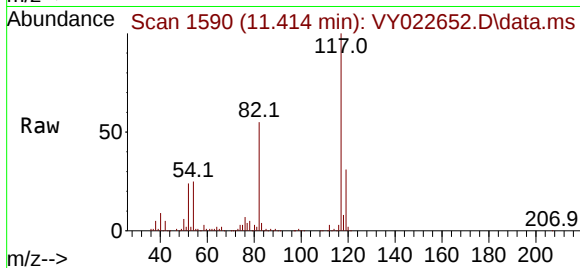
Tgt Ion:117 Resp: 226799

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

119 31.2 25.4 38.0



#64

Tetrachloroethene

Concen: 57.985 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Tgt Ion:164 Resp: 113126

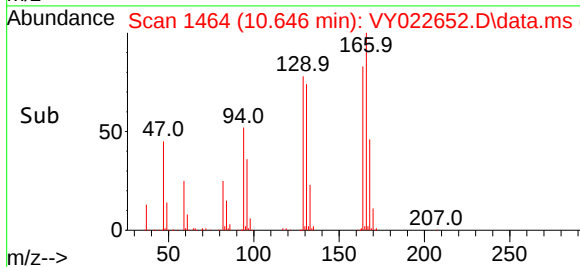
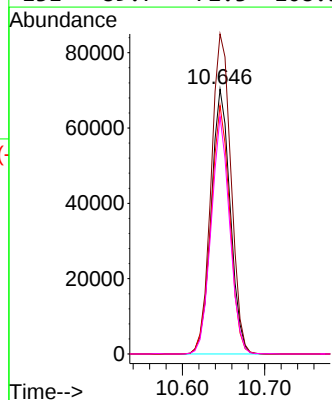
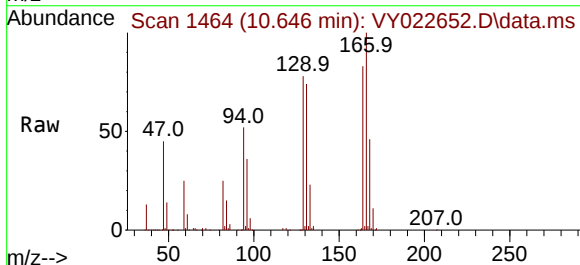
Ion Ratio Lower Upper

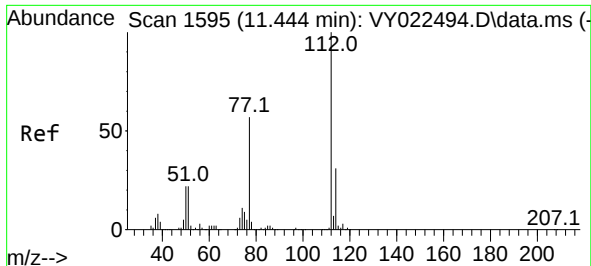
164 100

166 120.9 104.0 156.0

129 93.9 74.5 111.7

131 89.7 72.3 108.5

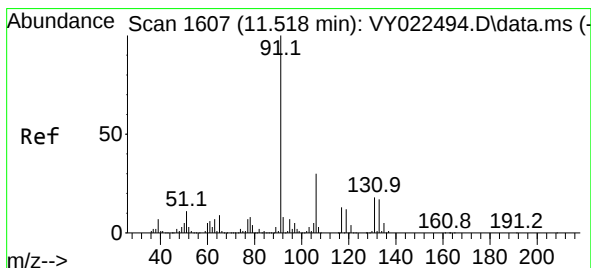
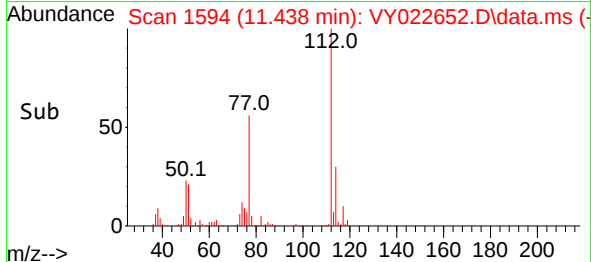
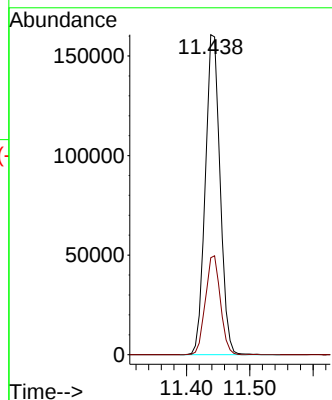
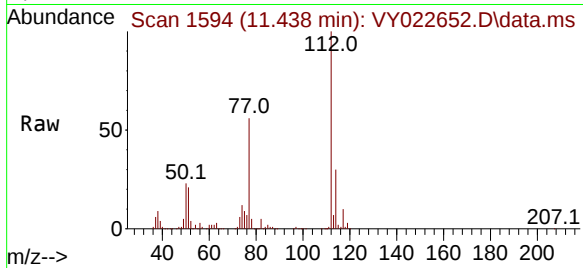




#65  
Chlorobenzene  
Concen: 52.170 ug/l  
RT: 11.438 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

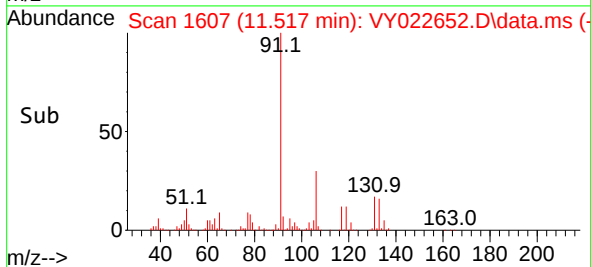
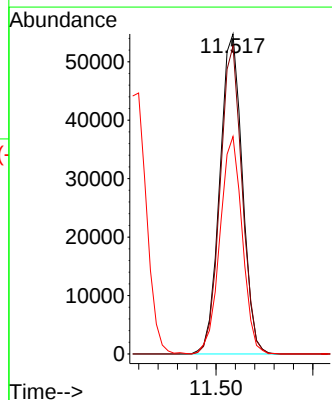
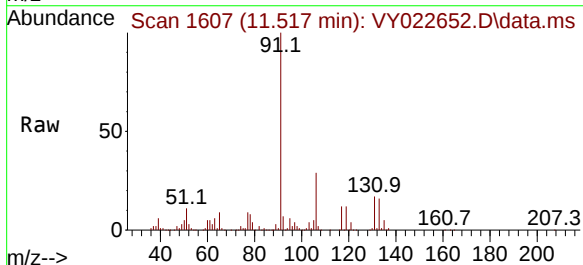
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

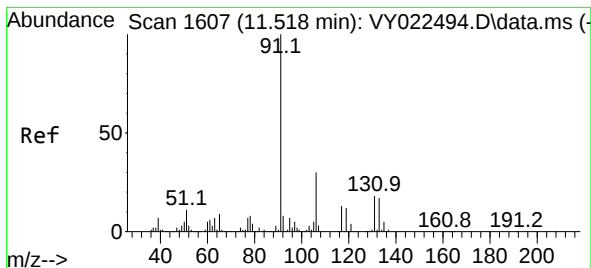
Tgt Ion:112 Resp: 261829  
Ion Ratio Lower Upper  
112 100  
114 30.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.156 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion:131 Resp: 88180  
Ion Ratio Lower Upper  
131 100  
133 93.9 47.3 141.8  
119 67.2 33.1 99.3





#67

Ethyl Benzene

Concen: 51.549 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

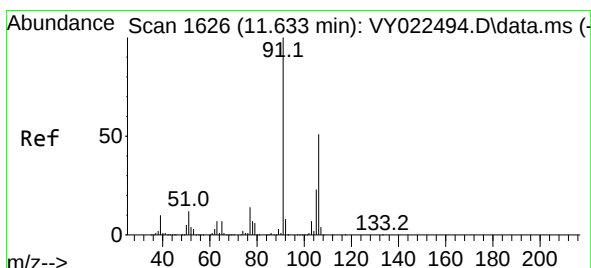
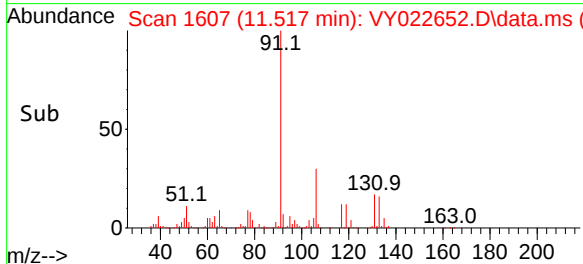
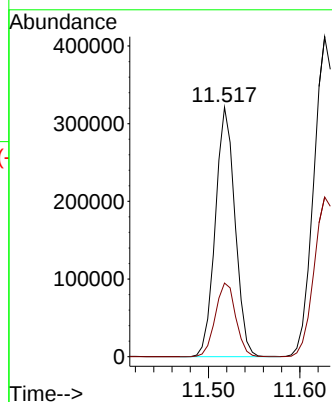
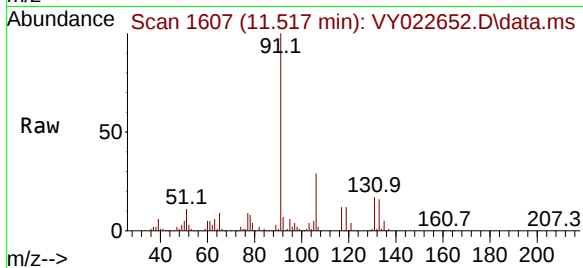
VSTDCCC050

Tgt Ion: 91 Resp: 479857

Ion Ratio Lower Upper

91 100

106 29.5 24.2 36.4



#68

m/p-Xylenes

Concen: 102.714 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022652.D

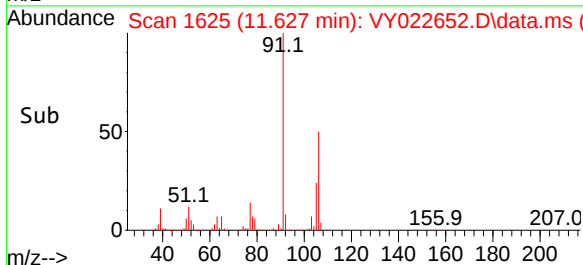
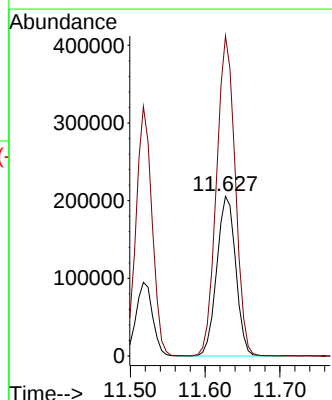
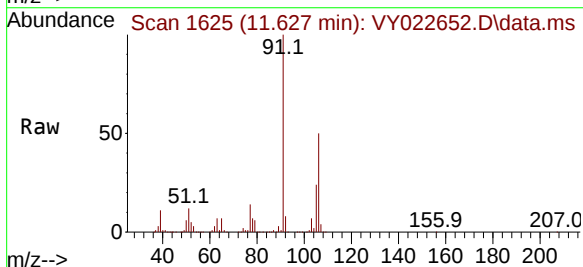
Acq: 11 Jun 2025 09:59

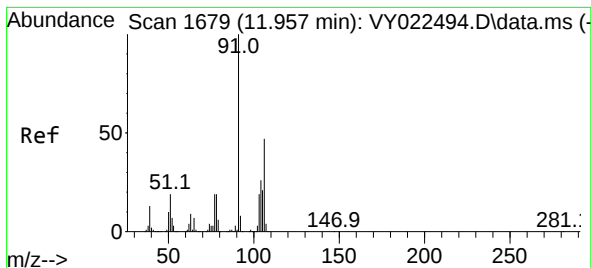
Tgt Ion:106 Resp: 362462

Ion Ratio Lower Upper

106 100

91 198.2 159.4 239.0

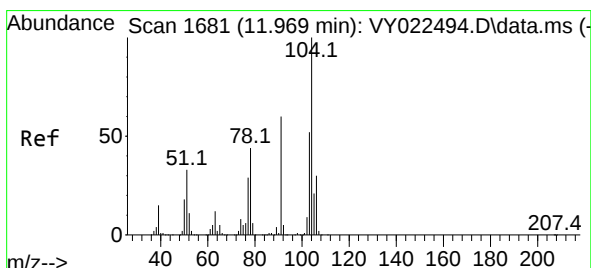
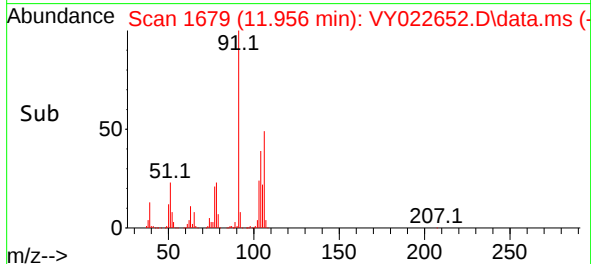
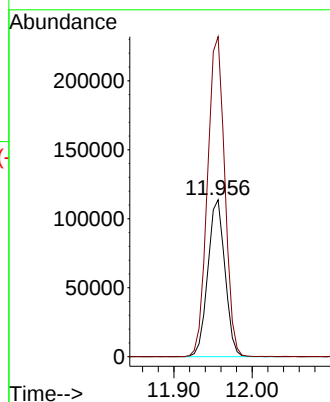
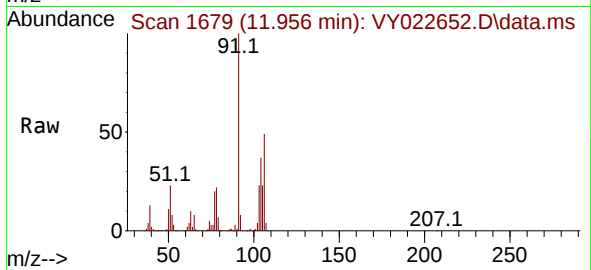




#69  
o-Xylene  
Concen: 52.136 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

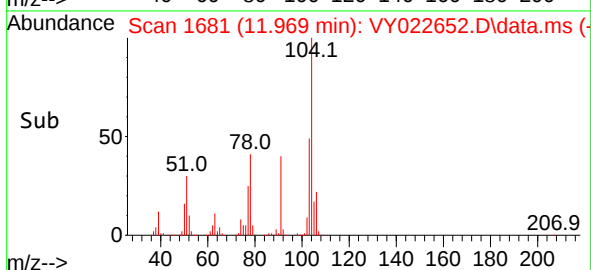
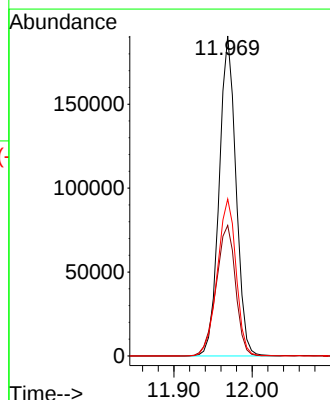
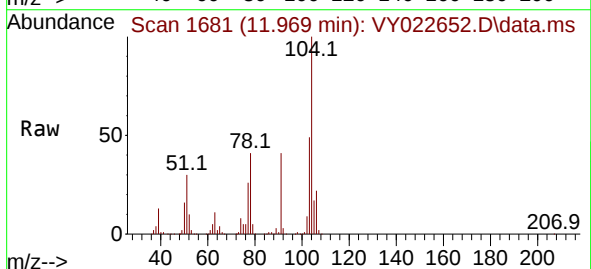
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 172493  
Ion Ratio Lower Upper  
106 100  
91 205.8 105.8 317.3



#70  
Styrene  
Concen: 52.154 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion:104 Resp: 285228  
Ion Ratio Lower Upper  
104 100  
78 47.0 39.5 59.3  
103 54.6 44.1 66.1





#71

Bromoform

Concen: 50.392 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

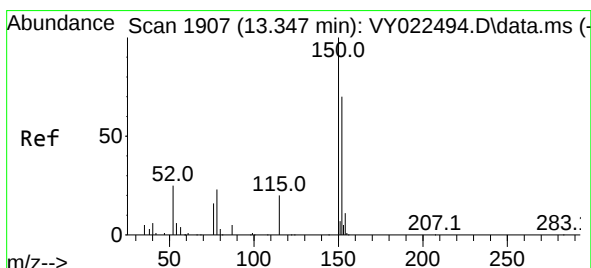
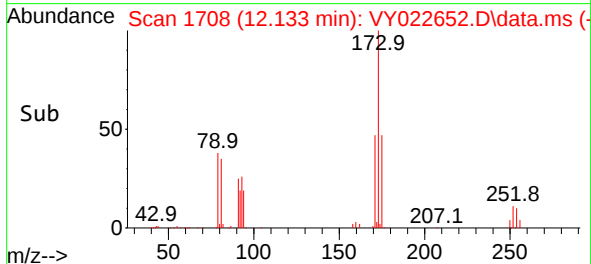
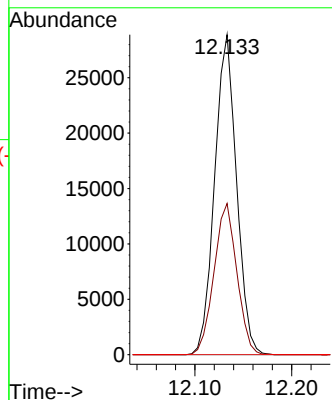
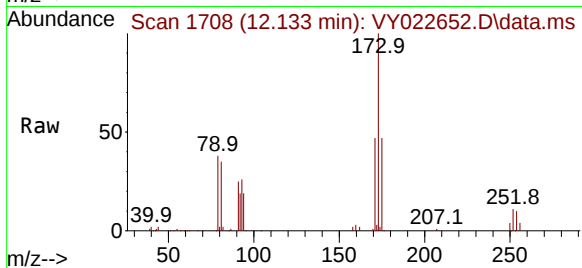
Tgt Ion:173 Resp: 45337

Ion Ratio Lower Upper

173 100

175 49.4 23.8 71.5

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

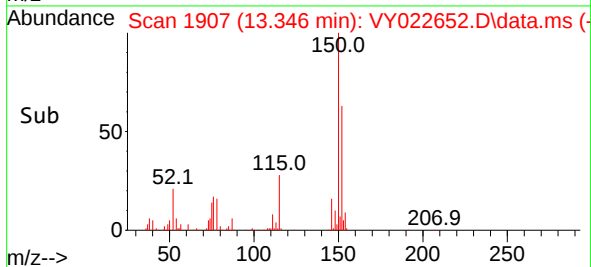
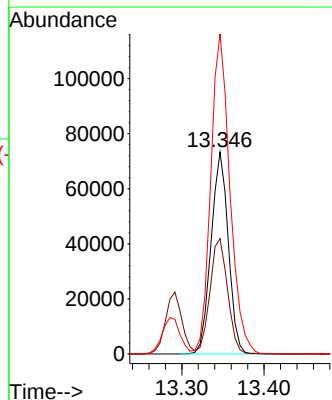
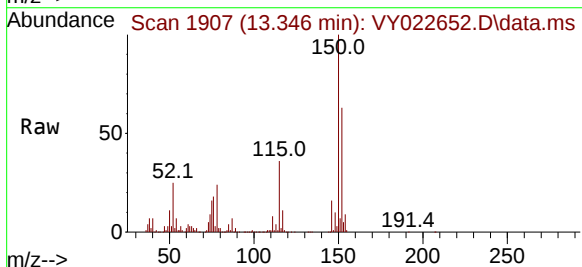
Tgt Ion:152 Resp: 106876

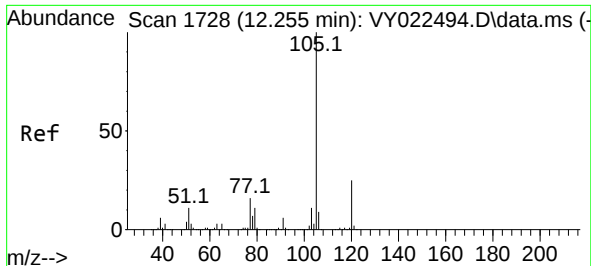
Ion Ratio Lower Upper

152 100

115 58.3 28.9 86.7

150 176.1 0.0 349.6

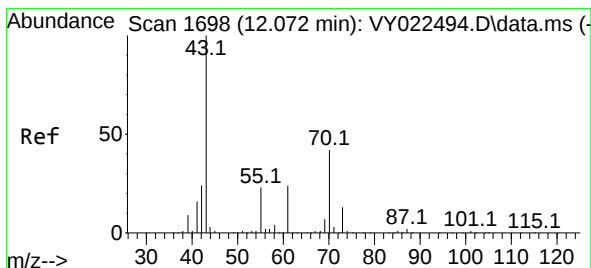
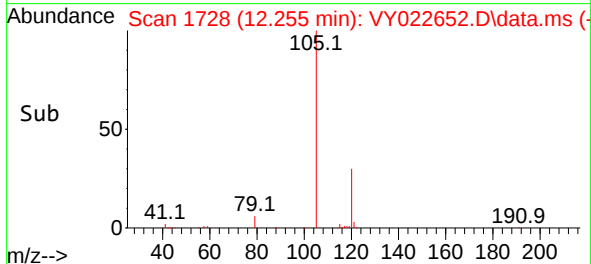
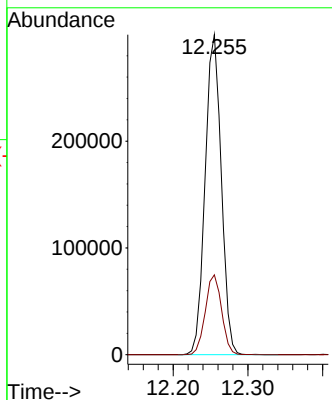
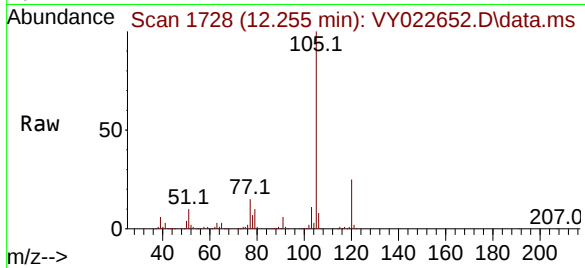




#73  
Isopropylbenzene  
Concen: 51.212 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

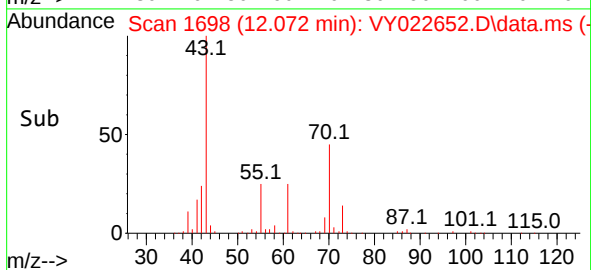
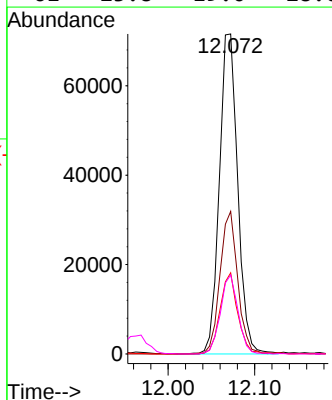
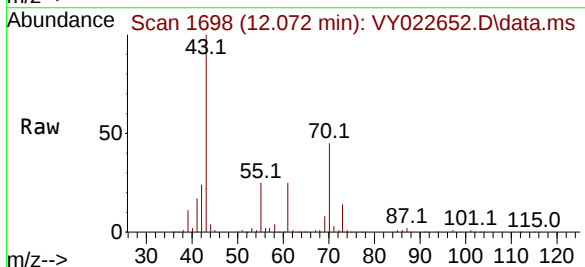
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

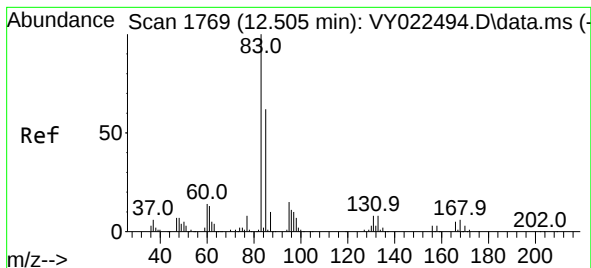
Tgt Ion:105 Resp: 449360  
Ion Ratio Lower Upper  
105 100  
120 25.2 13.0 38.9



#74  
N-ethyl acetate  
Concen: 47.644 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 43 Resp: 105483  
Ion Ratio Lower Upper  
43 100  
70 42.9 34.2 51.2  
55 24.5 18.2 27.4  
61 23.8 19.0 28.6

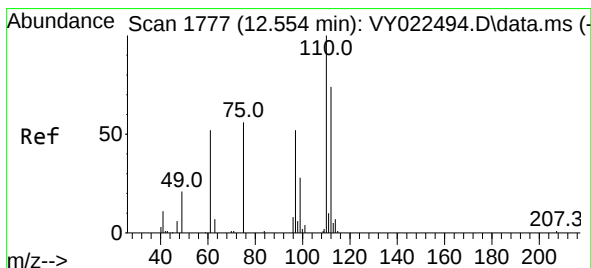
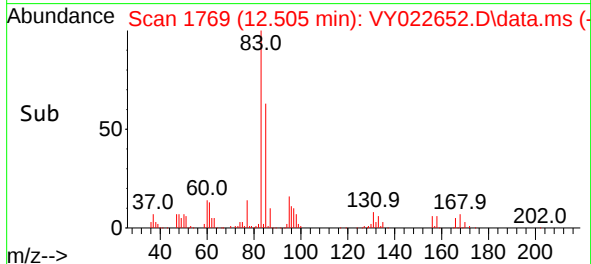
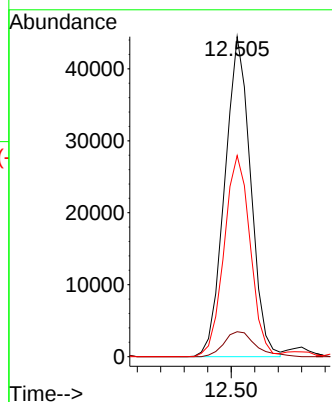
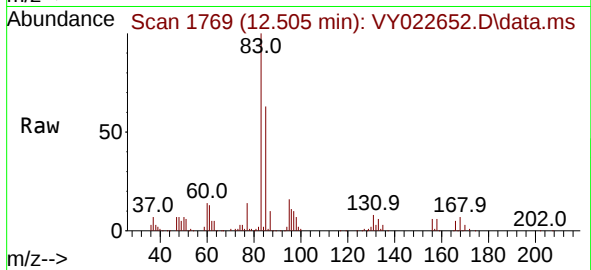




#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.263 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

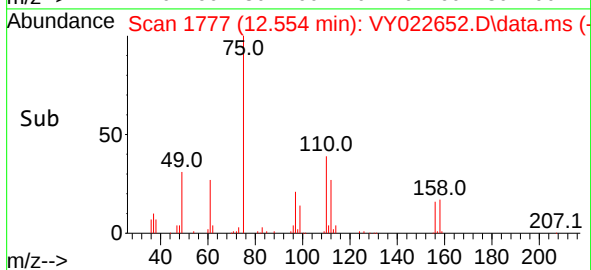
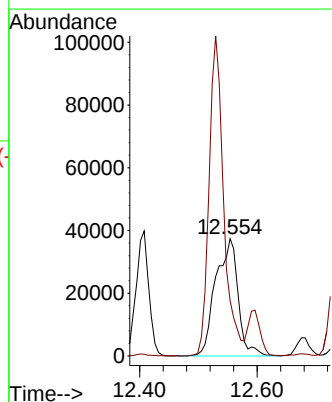
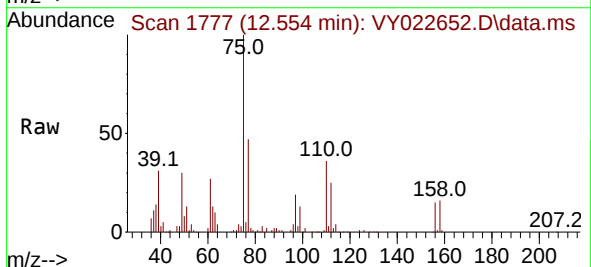
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

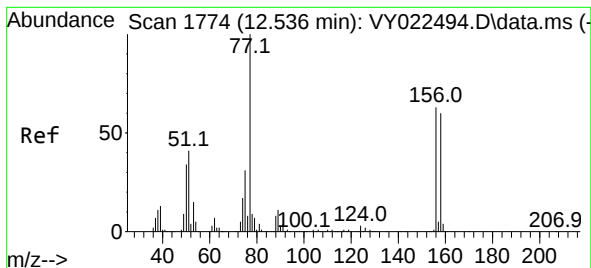
Tgt Ion: 83 Resp: 68065  
Ion Ratio Lower Upper  
83 100  
131 9.5 4.9 14.7  
85 63.6 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 80.860 ug/l  
RT: 12.554 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 98867  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.220 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

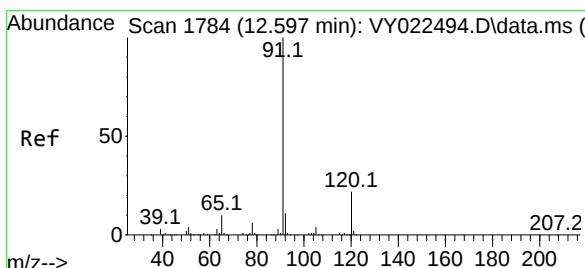
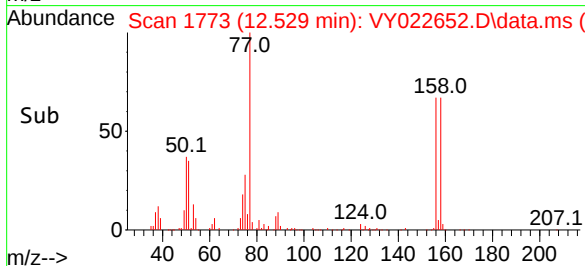
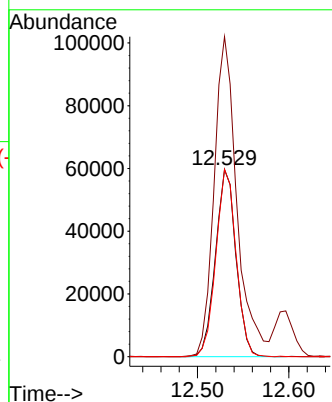
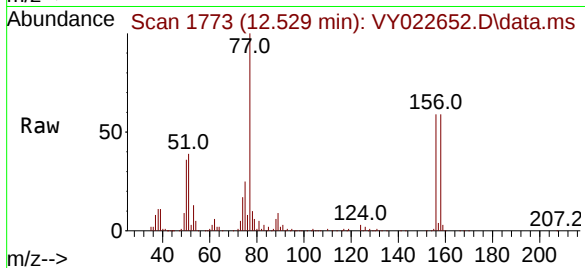
Tgt Ion:156 Resp: 92990

Ion Ratio Lower Upper

156 100

77 190.3 94.0 282.1

158 98.9 48.2 144.6



#78

n-propylbenzene

Concen: 50.847 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022652.D

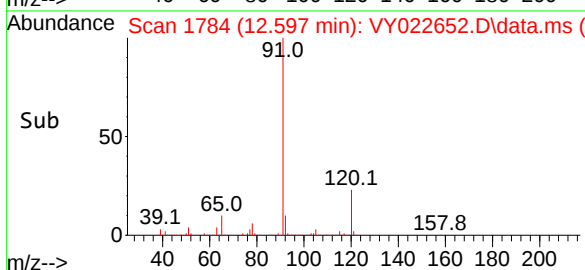
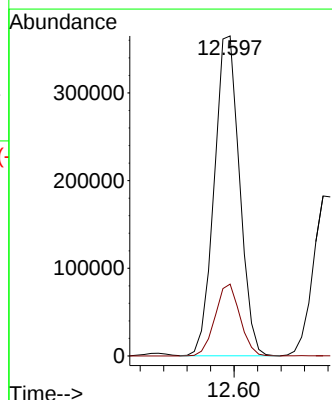
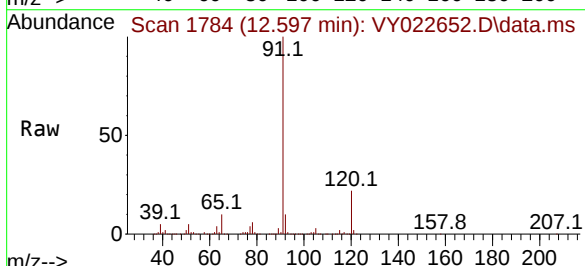
Acq: 11 Jun 2025 09:59

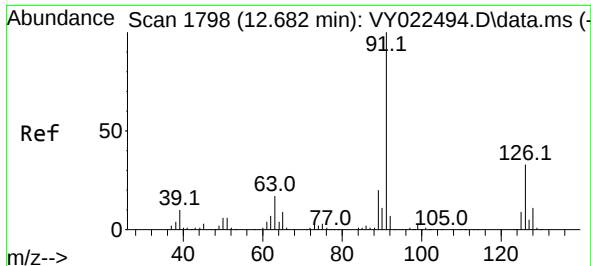
Tgt Ion: 91 Resp: 544933

Ion Ratio Lower Upper

91 100

120 22.1 10.8 32.4

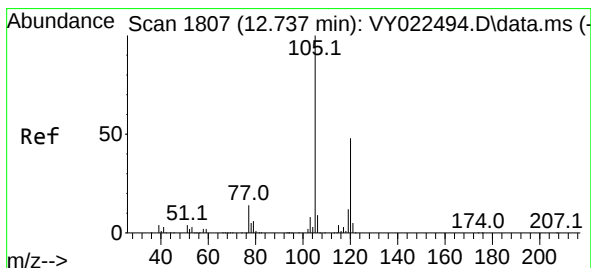
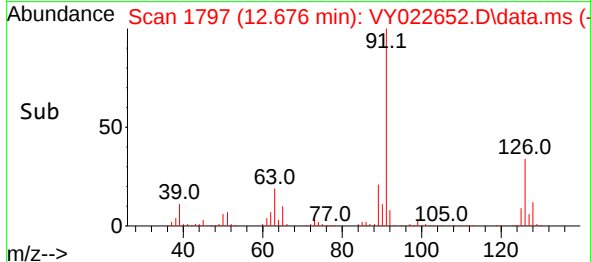
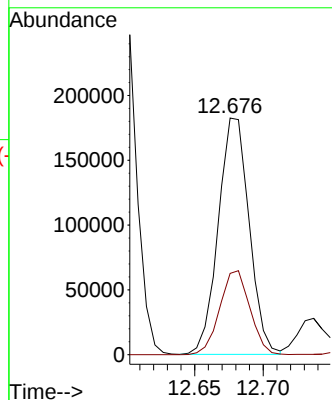
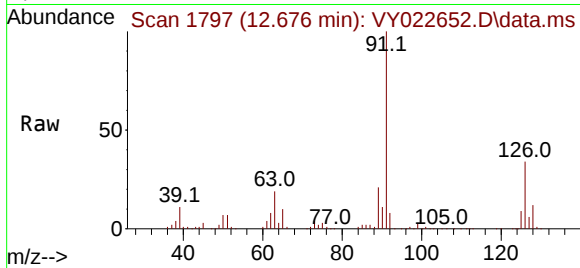




#79  
2-Chlorotoluene  
Concen: 50.518 ug/l  
RT: 12.676 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

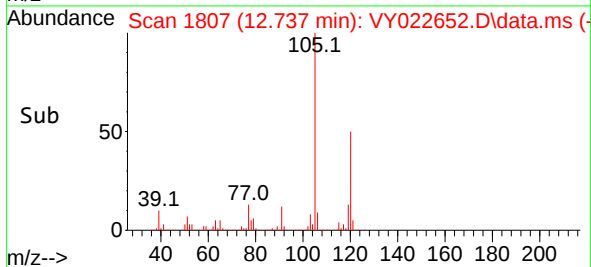
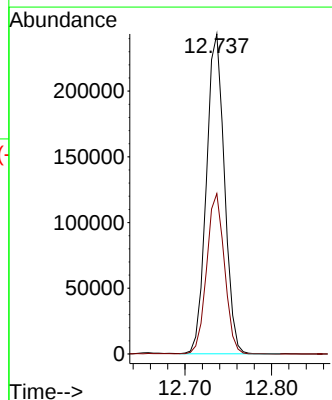
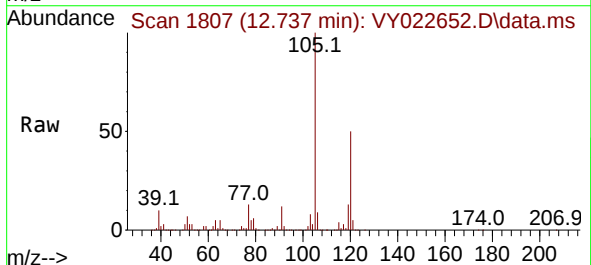
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

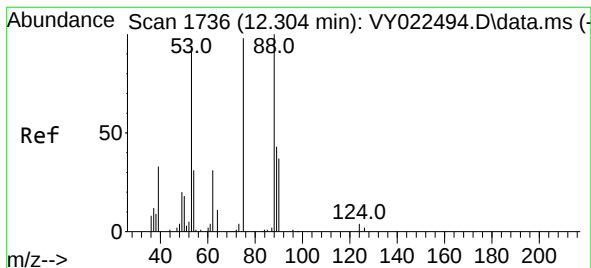
Tgt Ion: 91 Resp: 286949  
Ion Ratio Lower Upper  
91 100  
126 34.7 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 51.032 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 105 Resp: 351549  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.1 72.4

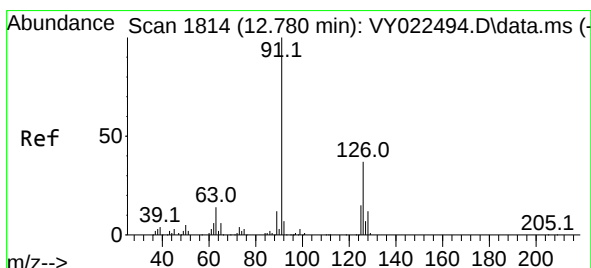
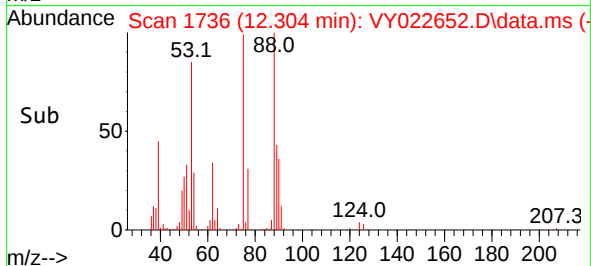
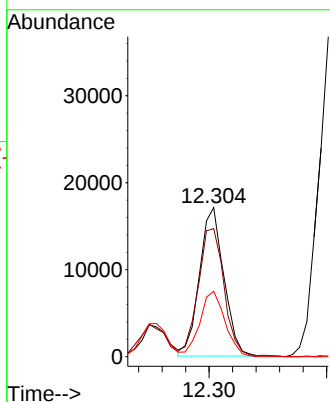
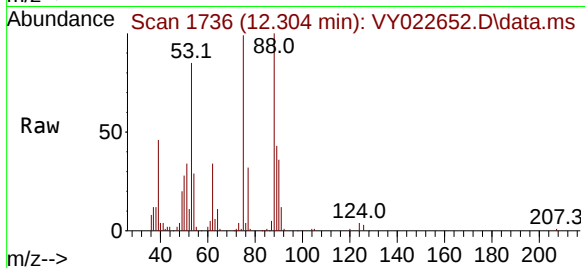




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 48.473 ug/l  
 RT: 12.304 min Scan# 1736  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

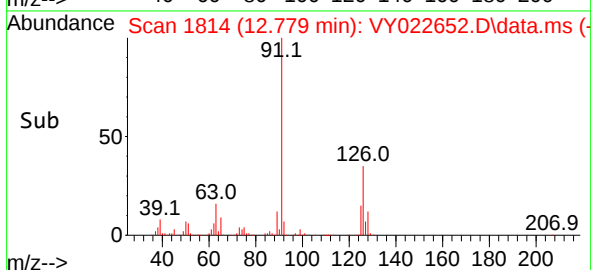
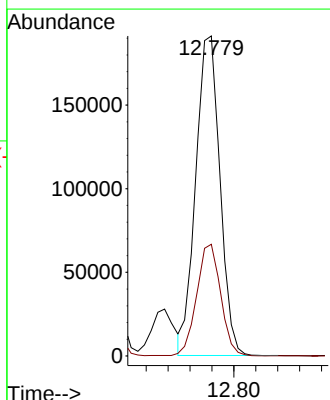
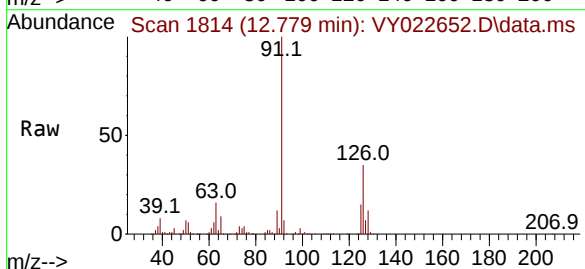
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

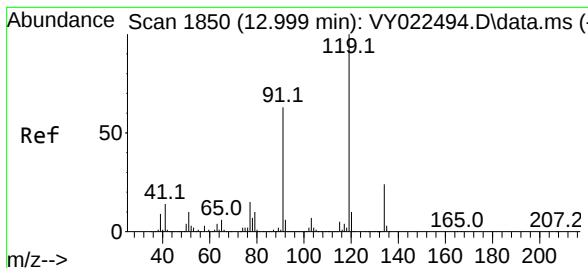
Tgt Ion: 75 Resp: 24542  
 Ion Ratio Lower Upper  
 75 100  
 53 92.7 78.5 117.7  
 89 45.9 35.7 53.5



#82  
 4-Chlorotoluene  
 Concen: 50.043 ug/l  
 RT: 12.779 min Scan# 1814  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

Tgt Ion: 91 Resp: 293231  
 Ion Ratio Lower Upper  
 91 100  
 126 34.7 17.0 50.9





#83

tert-Butylbenzene

Concen: 50.858 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

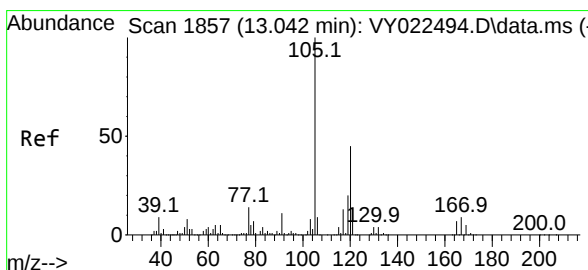
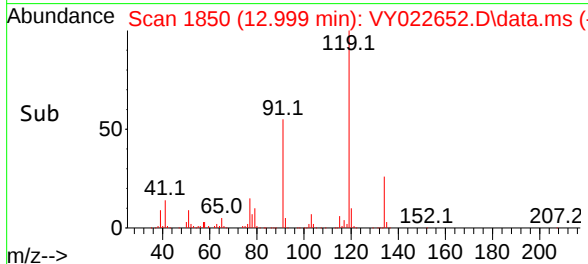
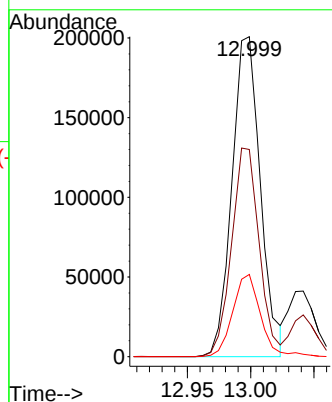
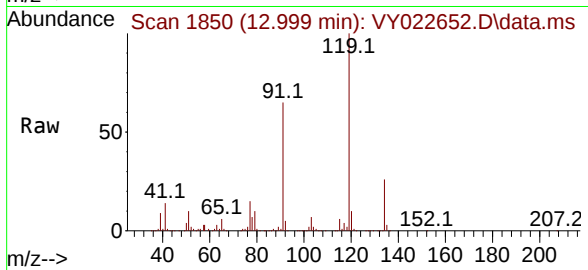
Tgt Ion:119 Resp: 314442

Ion Ratio Lower Upper

119 100

91 63.3 32.1 96.3

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.520 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022652.D

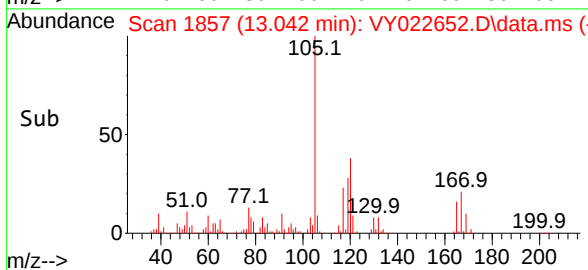
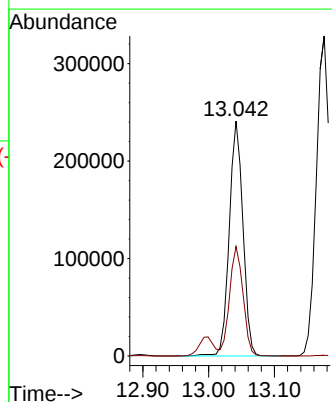
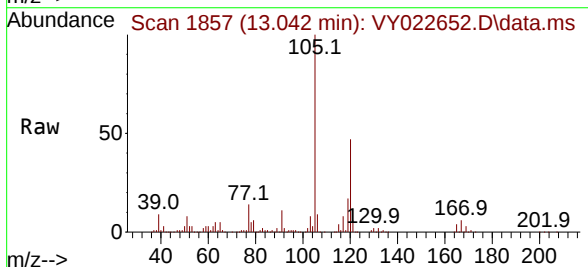
Acq: 11 Jun 2025 09:59

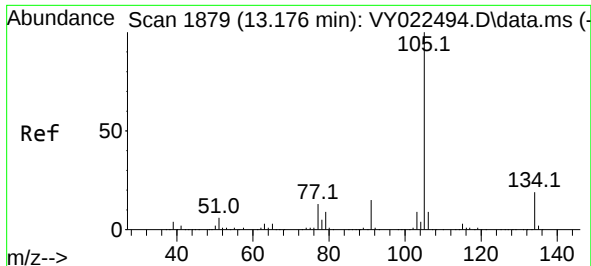
Tgt Ion:105 Resp: 348078

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1

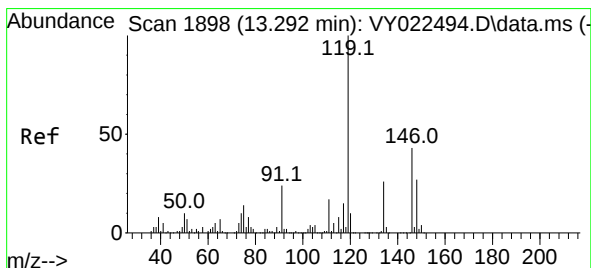
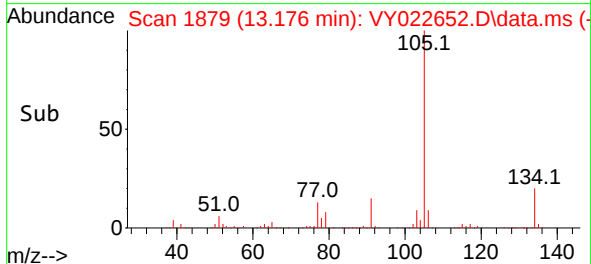
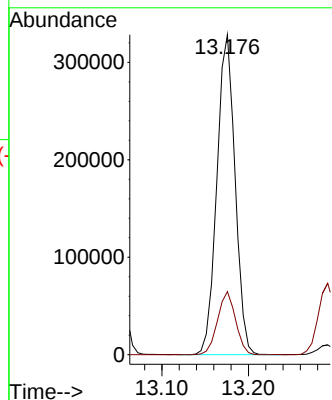
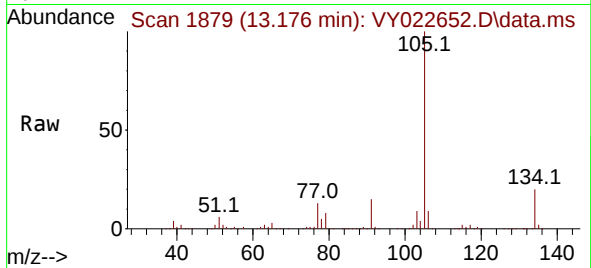




#85  
sec-Butylbenzene  
Concen: 50.596 ug/l  
RT: 13.176 min Scan# 1879  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

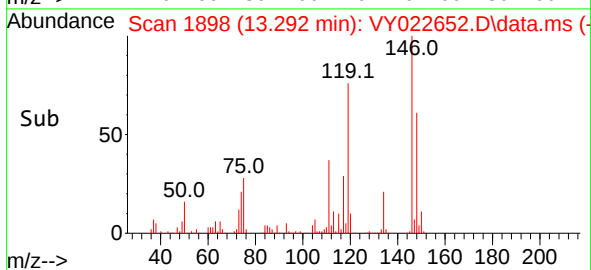
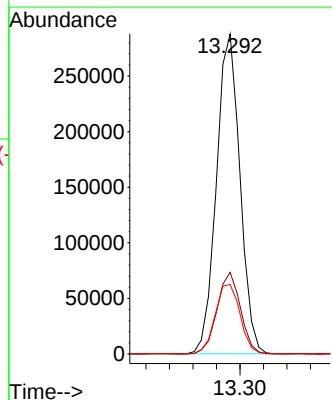
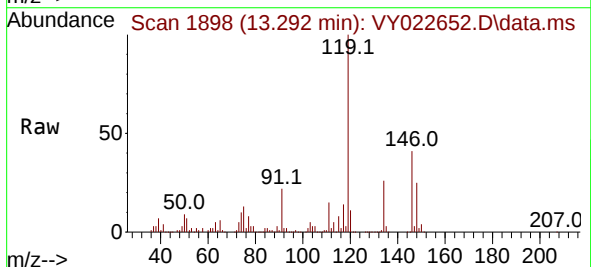
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

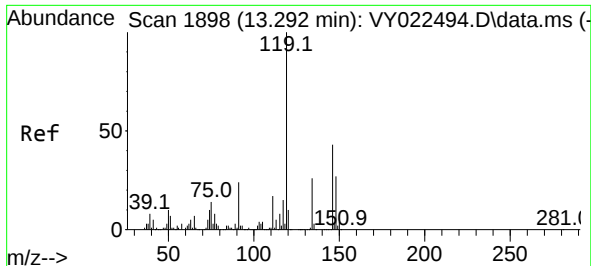
Tgt Ion:105 Resp: 479100  
Ion Ratio Lower Upper  
105 100  
134 19.5 9.7 28.9



#86  
p-Isopropyltoluene  
Concen: 51.264 ug/l  
RT: 13.292 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion:119 Resp: 400127  
Ion Ratio Lower Upper  
119 100  
134 25.4 13.1 39.1  
91 22.9 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 51.355 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

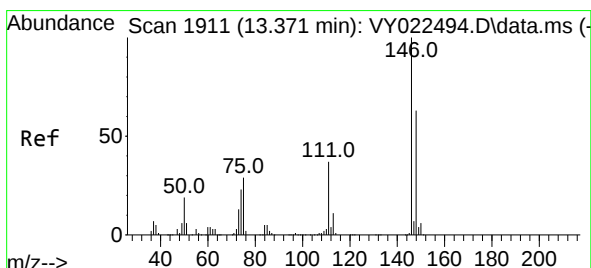
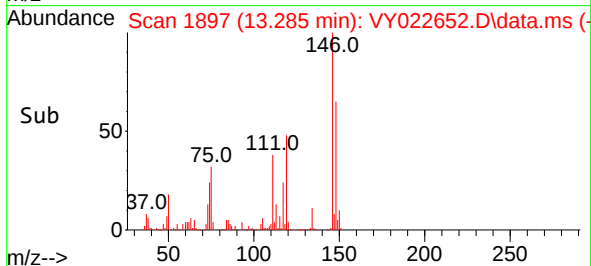
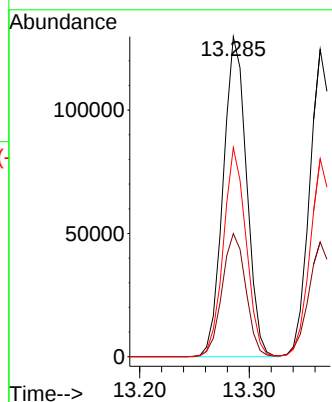
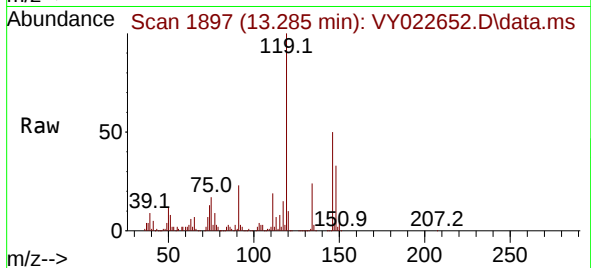
Tgt Ion:146 Resp: 192662

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 49.953 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

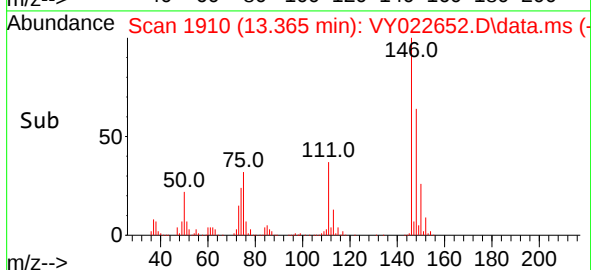
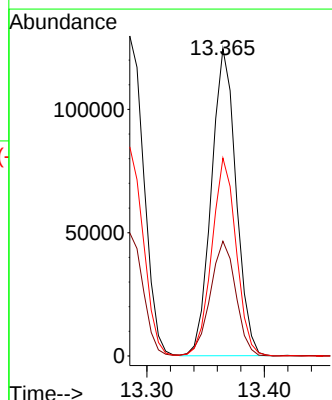
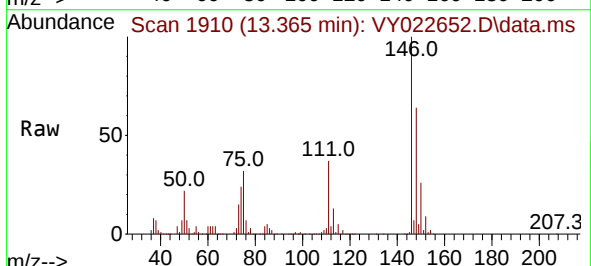
Tgt Ion:146 Resp: 181764

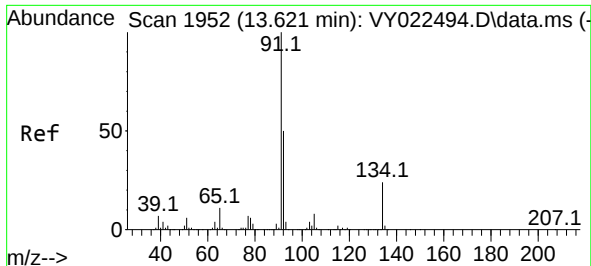
Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.7 31.6 94.8





#89

n-Butylbenzene

Concen: 50.734 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

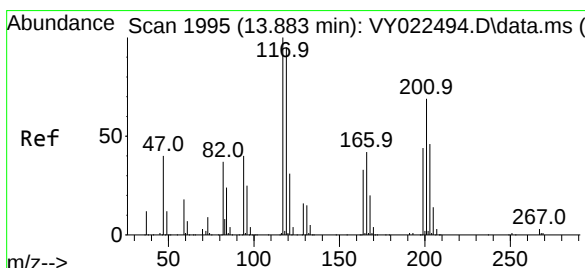
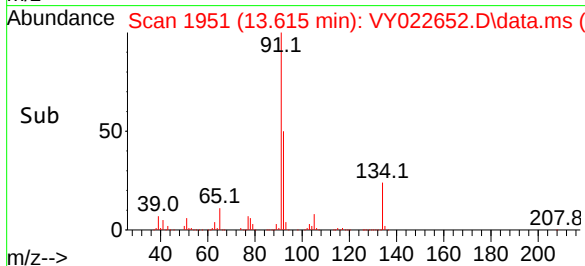
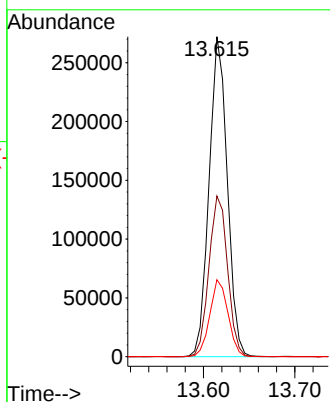
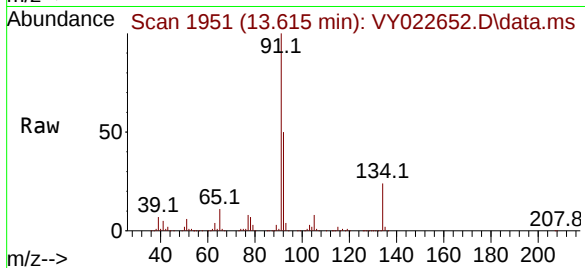
Tgt Ion: 91 Resp: 375701

Ion Ratio Lower Upper

91 100

92 51.5 25.9 77.8

134 24.1 12.0 36.1



#90

Hexachloroethane

Concen: 51.856 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022652.D

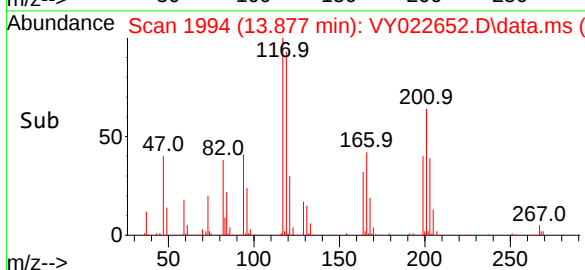
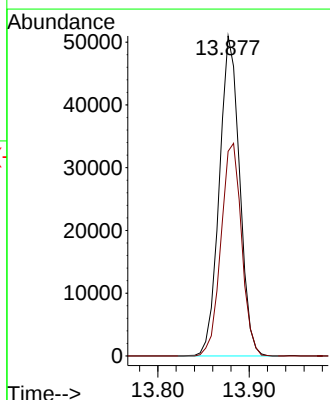
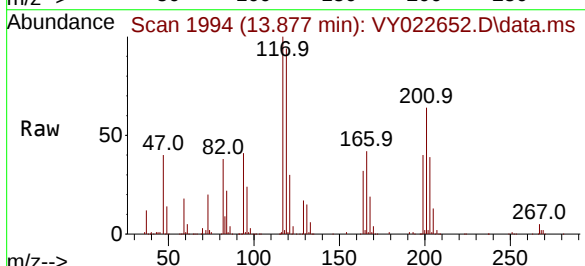
Acq: 11 Jun 2025 09:59

Tgt Ion: 117 Resp: 78797

Ion Ratio Lower Upper

117 100

201 67.5 34.0 102.0

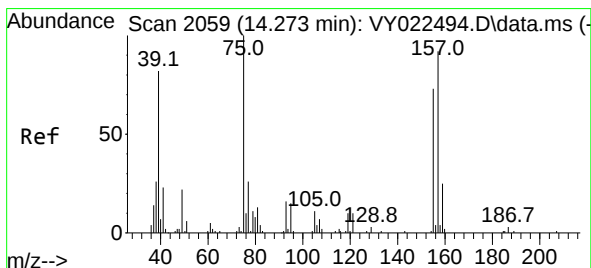
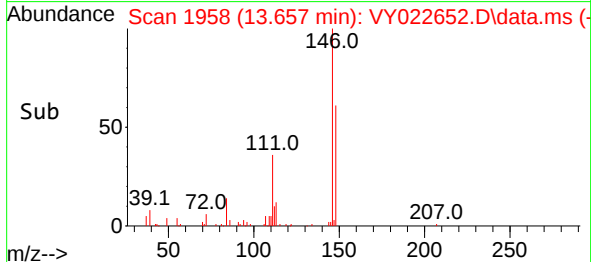
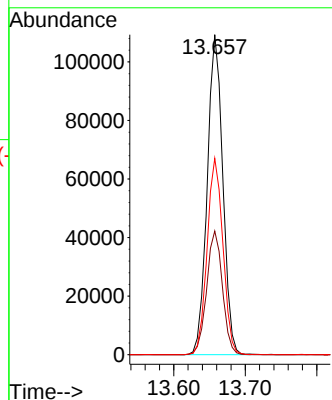
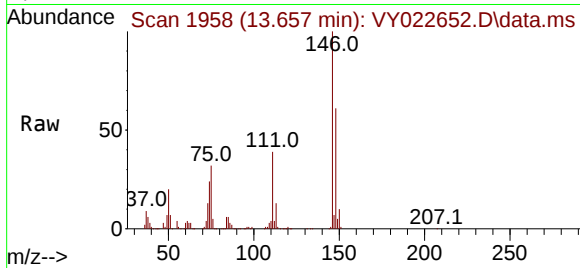




#91  
1,2-Dichlorobenzene  
Concen: 51.900 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

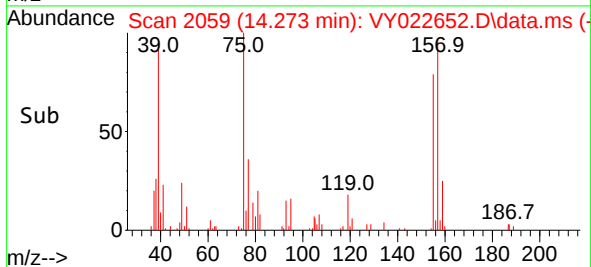
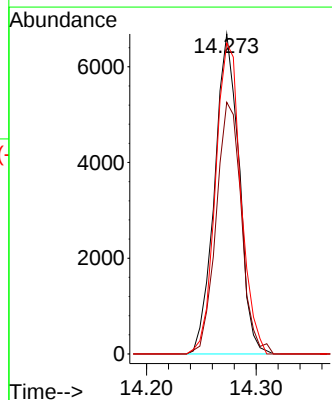
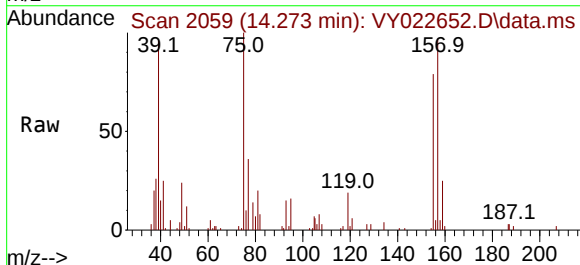
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

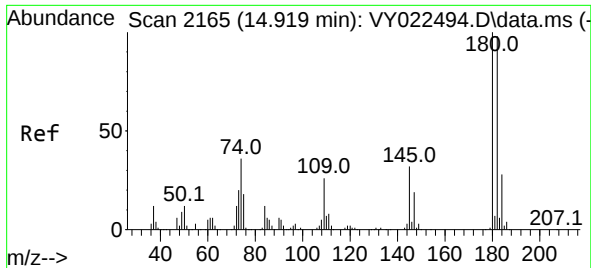
Tgt Ion:146 Resp: 165313  
Ion Ratio Lower Upper  
146 100  
111 39.2 20.2 60.6  
148 62.2 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.472 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. -0.000 min  
Lab File: VY022652.D  
Acq: 11 Jun 2025 09:59

Tgt Ion: 75 Resp: 10373  
Ion Ratio Lower Upper  
75 100  
155 81.0 39.9 119.6  
157 100.5 54.0 162.0

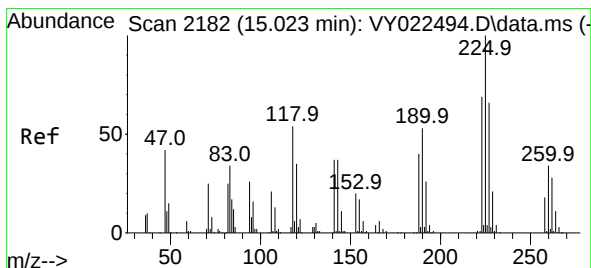
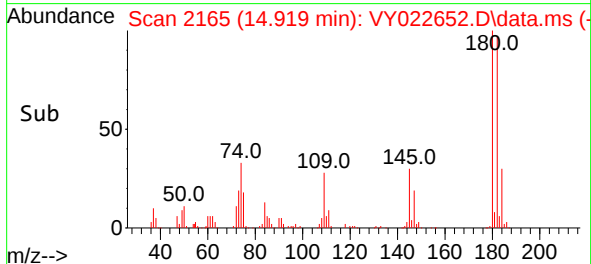
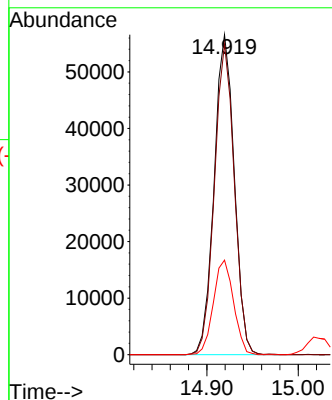
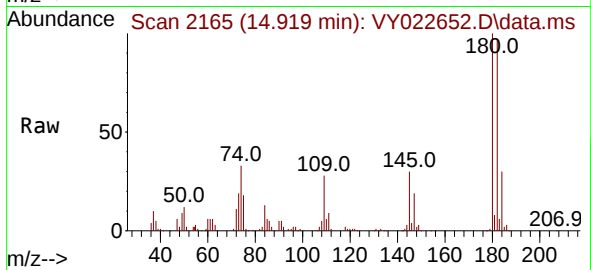




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.755 ug/l  
 RT: 14.919 min Scan# 2165  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

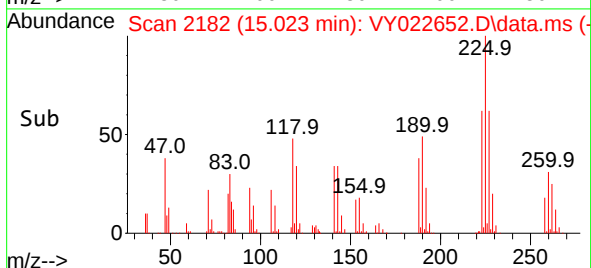
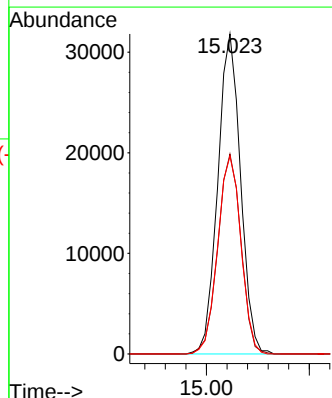
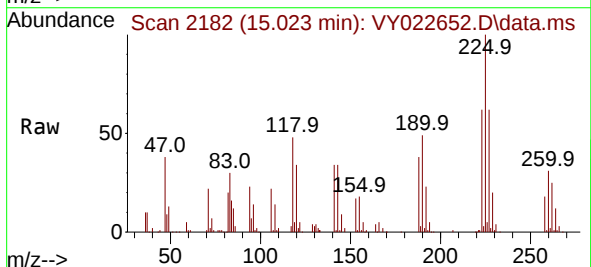
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

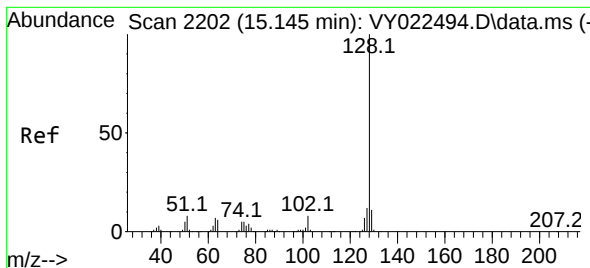
Tgt Ion:180 Resp: 86435  
 Ion Ratio Lower Upper  
 180 100  
 182 95.9 48.4 145.3  
 145 29.7 15.5 46.5



#94  
 Hexachlorobutadiene  
 Concen: 50.999 ug/l  
 RT: 15.023 min Scan# 2182  
 Delta R.T. -0.000 min  
 Lab File: VY022652.D  
 Acq: 11 Jun 2025 09:59

Tgt Ion:225 Resp: 48899  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 32.5 97.4  
 227 63.1 32.3 96.9





#95

Naphthalene

Concen: 48.688 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

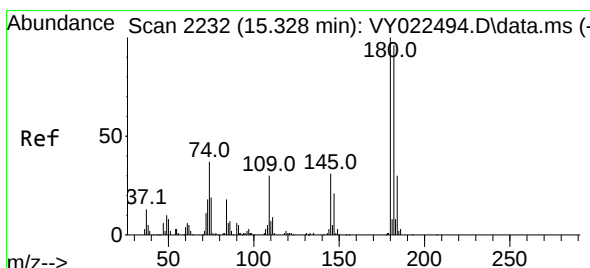
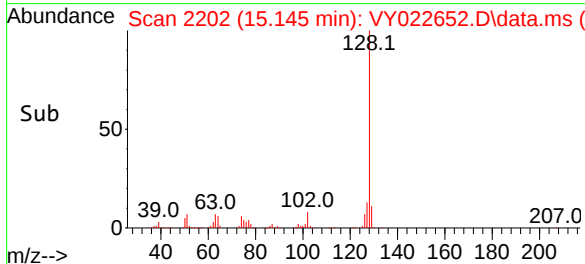
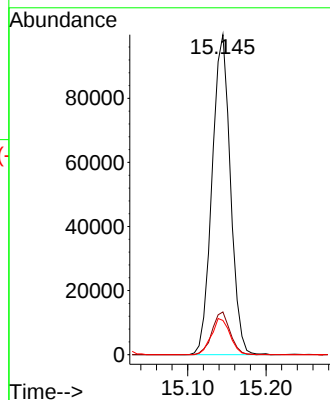
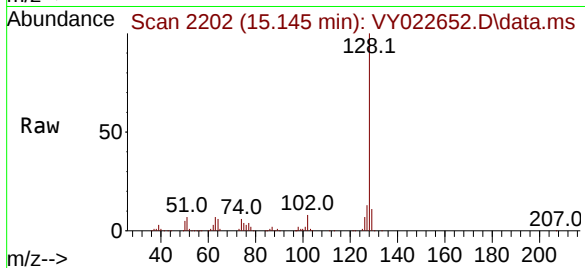
Tgt Ion:128 Resp: 162310

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.4 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 49.319 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022652.D

Acq: 11 Jun 2025 09:59

Tgt Ion:180 Resp: 73426

Ion Ratio Lower Upper

180 100

182 94.1 47.1 141.3

145 30.5 15.2 45.6

