

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020725\  
 Data File : VY021132.D  
 Acq On : 07 Feb 2025 11:13  
 Operator : SY/MD  
 Sample : VY0207SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

Quant Time: Feb 08 02:37:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 185601   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 293384   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 248895   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.352 | 152  | 123887   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 86302    | 45.383   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 90.760% |
| 35) Dibromofluoromethane    | 7.640  | 113   | 81221    | 43.198   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 86.400% |
| 50) Toluene-d8              | 10.109 | 98    | 307683   | 42.984   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 85.960% |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 103797   | 44.386   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 88.780% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 28855  | 17.443  | ug/l   | 99  |
| 3) Chloromethane             | 2.074 | 50  | 29498  | 18.071  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.208 | 62  | 29262  | 17.810  | ug/l   | 99  |
| 5) Bromomethane              | 2.598 | 94  | 18271  | 17.992  | ug/l   | 95  |
| 6) Chloroethane              | 2.739 | 64  | 18235  | 18.644  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.062 | 101 | 55344  | 18.489  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.458 | 74  | 18175  | 19.450  | ug/l   | 95  |
| 9) 1,1,2-Trichlorotrifluo... | 3.824 | 101 | 34826  | 18.538  | ug/l   | 95  |
| 10) Methyl Iodide            | 4.013 | 142 | 34071  | 16.324  | ug/l   | 95  |
| 11) Tert butyl alcohol       | 4.860 | 59  | 14119  | 109.564 | ug/l   | 98  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 32363  | 18.288  | ug/l   | 91  |
| 13) Acrolein                 | 3.659 | 56  | 18582  | 93.642  | ug/l   | 96  |
| 14) Allyl chloride           | 4.391 | 41  | 56562  | 18.965  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.067 | 53  | 40421  | 103.879 | ug/l   | 99  |
| 16) Acetone                  | 3.872 | 43  | 30986  | 104.486 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.110 | 76  | 87096  | 15.695  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.391 | 43  | 21178  | 20.343  | ug/l   | 97  |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 89466  | 20.002  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.622 | 84  | 35893  | 19.469  | ug/l   | 93  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 35825  | 18.391  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.018 | 45  | 125739 | 20.453  | ug/l   | 94  |
| 23) Vinyl Acetate            | 5.964 | 43  | 342973 | 100.079 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 69855  | 19.395  | ug/l   | 100 |
| 25) 2-Butanone               | 6.902 | 43  | 50527  | 103.683 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 63816  | 19.148  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 42796  | 19.087  | ug/l   | 94  |
| 28) Bromochloromethane       | 7.250 | 49  | 28243  | 19.830  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 34165  | 103.608 | ug/l   | 95  |
| 30) Chloroform               | 7.421 | 83  | 72352  | 19.557  | ug/l   | 99  |
| 31) Cyclohexane              | 7.707 | 56  | 58004  | 17.883  | ug/l # | 95  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 65960  | 19.177  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 49301  | 17.703  | ug/l   | 98  |
| 37) Ethyl Acetate            | 6.988 | 43  | 25115  | 20.557  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 59004  | 18.133  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.109 | 83  | 59616  | 17.501  | ug/l   | 95  |
| 40) Benzene                  | 8.085 | 78  | 151388 | 18.524  | ug/l   | 99  |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Quant Time: Feb 08 02:37:02 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Feb 03 13:08:38 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.219  | 41   | 10762    | 15.226  | ug/l # | 77       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 43576    | 19.221  | ug/l   | 97       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 47673    | 19.638  | ug/l # | 85       |
| 44) Trichloroethene           | 8.865  | 130  | 38891    | 18.419  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 37001    | 19.075  | ug/l   | 99       |
| 46) Dibromomethane            | 9.237  | 93   | 19948    | 18.573  | ug/l   | 94       |
| 47) Bromodichloromethane      | 9.426  | 83   | 55524    | 19.276  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.225  | 41   | 21635    | 19.565  | ug/l   | 95       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 4603     | 460.376 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 123974   | 101.556 | ug/l   | 96       |
| 52) Toluene                   | 10.176 | 92   | 96246    | 18.755  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 49912    | 19.298  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 58181    | 18.998  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane     | 10.579 | 97   | 27296    | 19.626  | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.444 | 69   | 36177    | 19.444  | ug/l   | 92       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 47240    | 19.624  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 86112    | 97.284  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.761 | 43   | 80844    | 102.856 | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.914 | 129  | 37596    | 19.249  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 25174    | 19.324  | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.652 | 164  | 33725    | 18.253  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.444 | 112  | 105975   | 19.122  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 37674    | 19.129  | ug/l   | 96       |
| 67) Ethyl Benzene             | 11.524 | 91   | 186196   | 18.995  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.633 | 106  | 140132   | 38.213  | ug/l   | 96       |
| 69) o-Xylene                  | 11.956 | 106  | 65995    | 19.303  | ug/l   | 98       |
| 70) Styrene                   | 11.975 | 104  | 111864   | 19.631  | ug/l   | 98       |
| 71) Bromoform                 | 12.133 | 173  | 22337    | 20.376  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.261 | 105  | 178698   | 18.466  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 41674    | 19.697  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 12.511 | 83   | 30969    | 19.242  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 42140    | 37.498  | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 41376    | 18.528  | ug/l   | 95       |
| 78) n-propylbenzene           | 12.597 | 91   | 217301   | 18.850  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 123446   | 18.697  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.743 | 105  | 147542   | 18.805  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.310 | 75   | 10041    | 18.231  | ug/l   | 95       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 128335   | 19.077  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.005 | 119  | 137035   | 19.215  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.048 | 105  | 147568   | 19.236  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.182 | 105  | 193366   | 18.836  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.298 | 119  | 160120   | 18.777  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.292 | 146  | 80694    | 18.714  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.371 | 146  | 79923    | 18.825  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.621 | 91   | 148310   | 19.064  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 33034    | 18.569  | ug/l   | 87       |
| 91) 1,2-Dichlorobenzene       | 13.663 | 146  | 72622    | 19.404  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.279 | 75   | 5018     | 20.864  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 40892    | 19.629  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.029 | 225  | 26899    | 19.485  | ug/l   | 98       |
| 95) Naphthalene               | 15.151 | 128  | 67643    | 20.296  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.334 | 180  | 34771    | 20.056  | ug/l   | 98       |

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Sample : VY0207SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

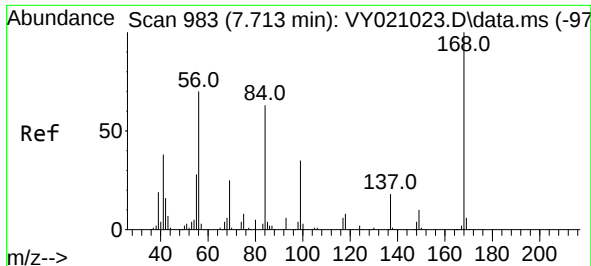
Quant Time: Feb 08 02:37:02 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
QLast Update : Mon Feb 03 13:08:38 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020325S.M  
Quant Title : SW846 8260  
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Response via : Initial Calibration

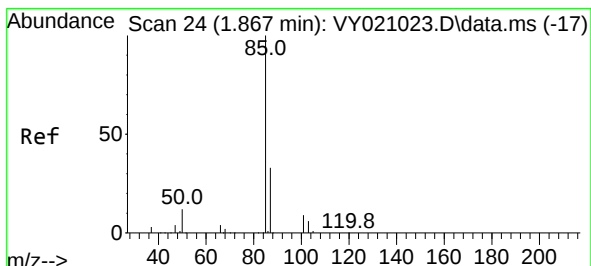
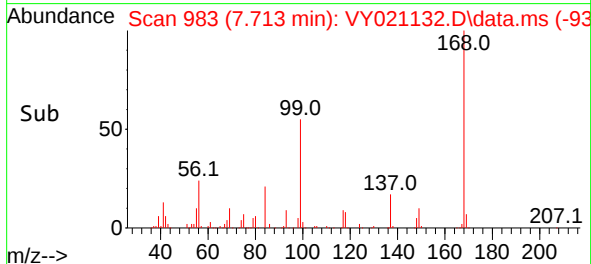
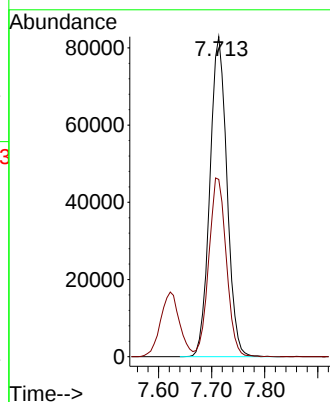
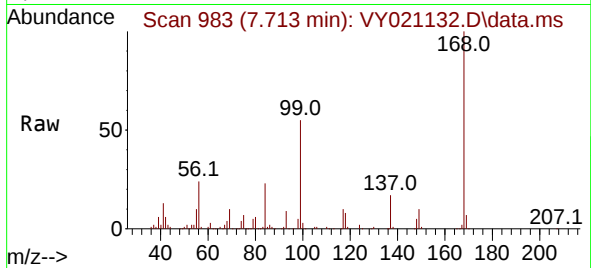




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

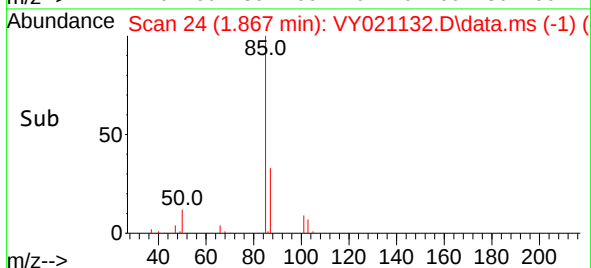
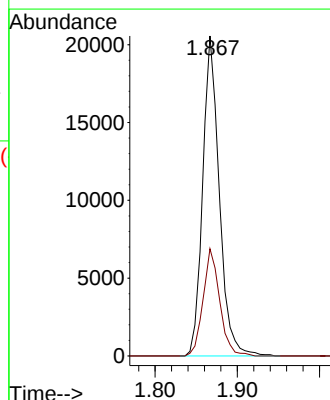
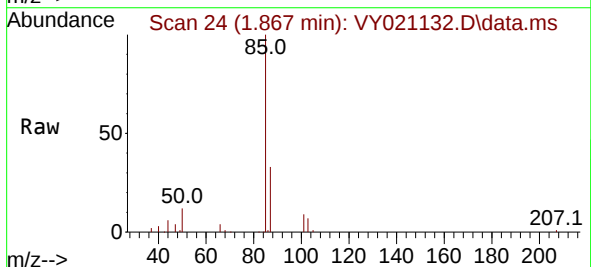
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

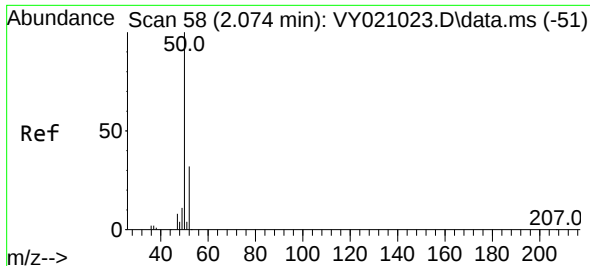
Tgt Ion:168 Resp: 185601  
Ion Ratio Lower Upper  
168 100  
99 55.4 44.2 66.4



#2  
Dichlorodifluoromethane  
Concen: 17.443 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 85 Resp: 28855  
Ion Ratio Lower Upper  
85 100  
87 33.5 17.1 51.3

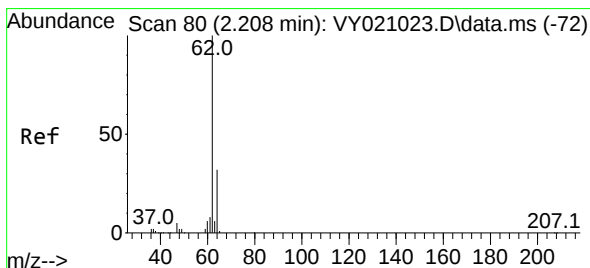
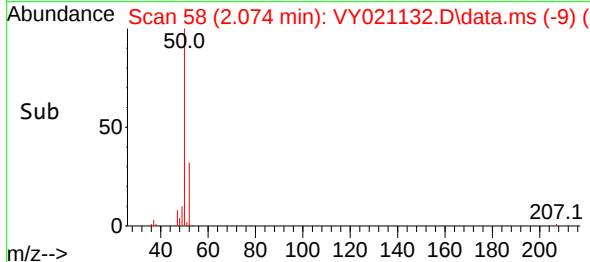
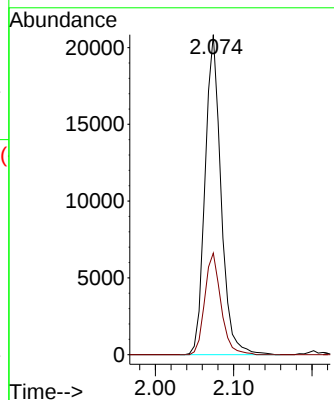
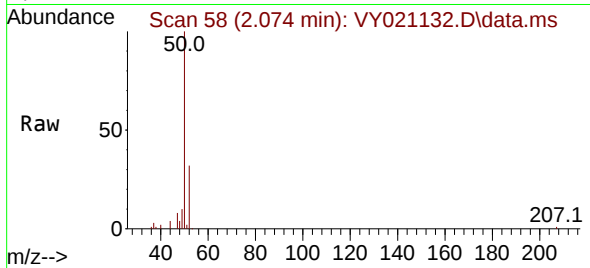




#3  
Chloromethane  
Concen: 18.071 ug/l  
RT: 2.074 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

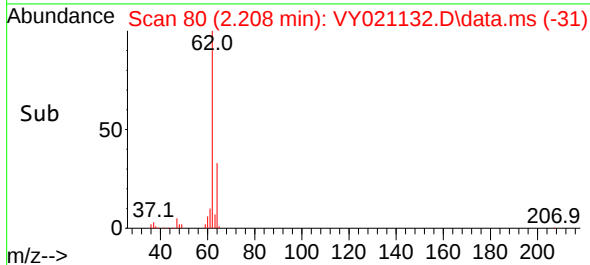
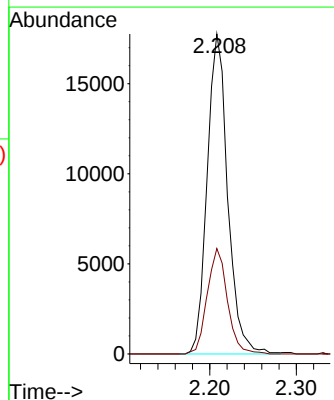
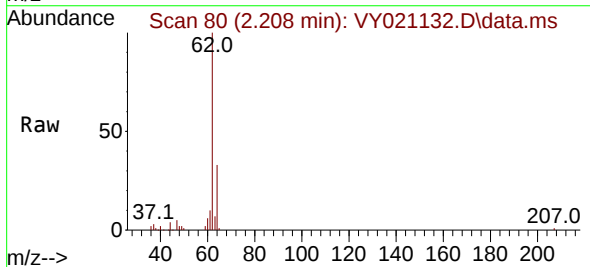
Instrument :  
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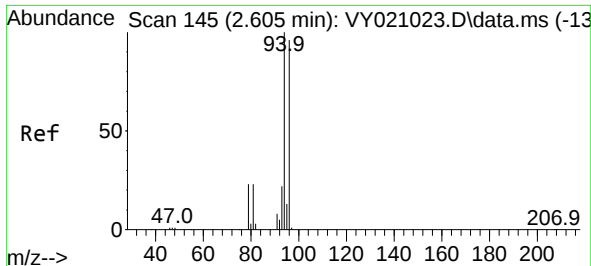
Tgt Ion: 50 Resp: 29498  
Ion Ratio Lower Upper  
50 100  
52 31.8 26.7 40.1



#4  
Vinyl Chloride  
Concen: 17.810 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 62 Resp: 29262  
Ion Ratio Lower Upper  
62 100  
64 32.9 25.7 38.5

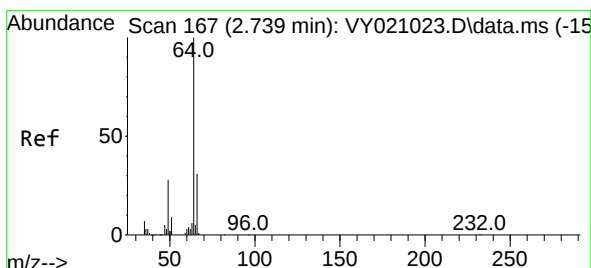
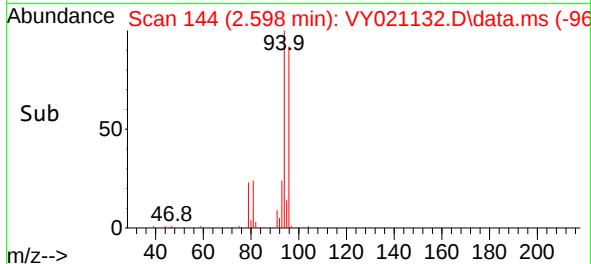
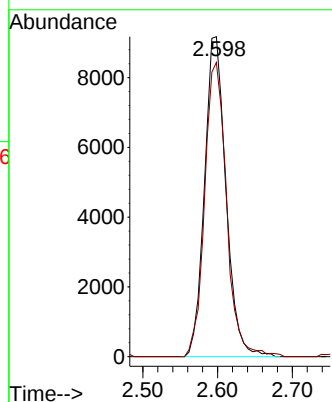
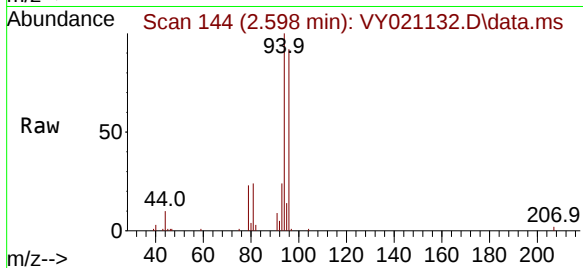




#5  
Bromomethane  
Concen: 17.992 ug/l  
RT: 2.598 min Scan# 145  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

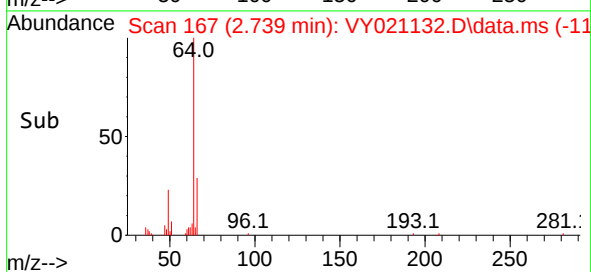
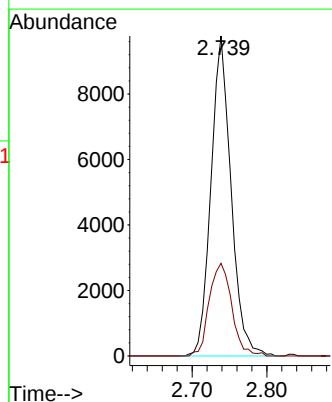
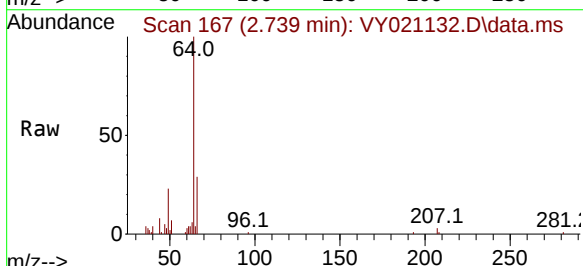
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

Tgt Ion: 94 Resp: 18271  
Ion Ratio Lower Upper  
94 100  
96 92.0 77.3 115.9



#6  
Chloroethane  
Concen: 18.644 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 64 Resp: 18235  
Ion Ratio Lower Upper  
64 100  
66 28.9 25.1 37.7

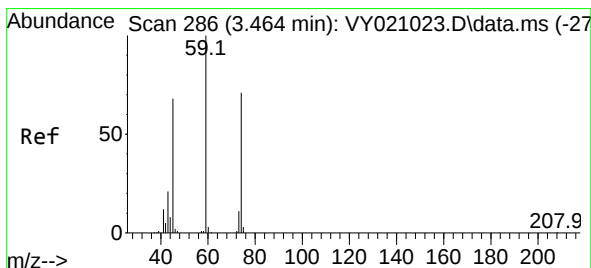
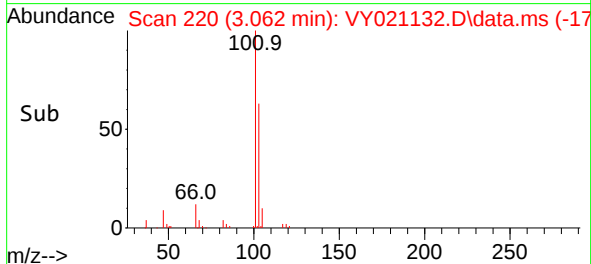
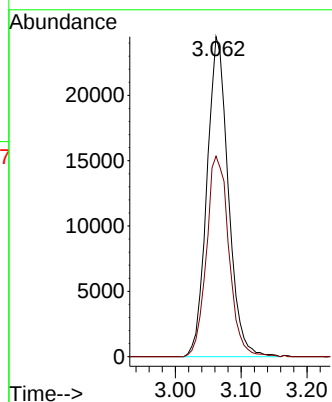
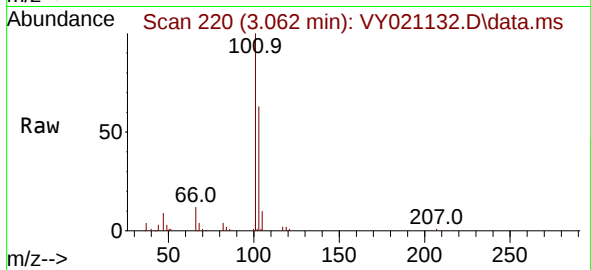




#7  
 Trichlorofluoromethane  
 Concen: 18.489 ug/l  
 RT: 3.062 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

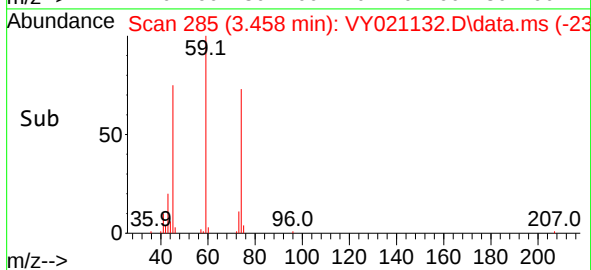
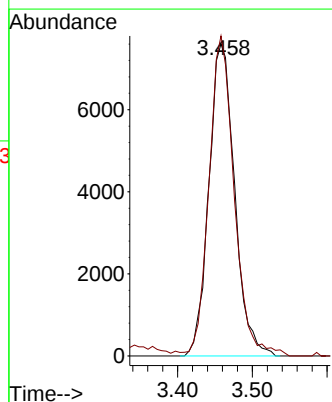
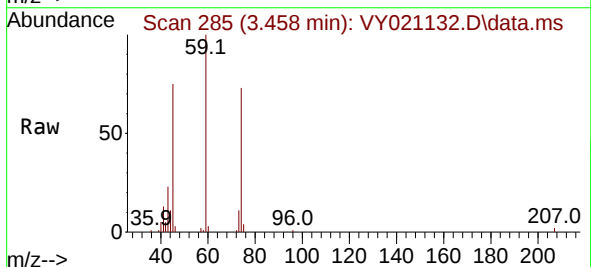
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

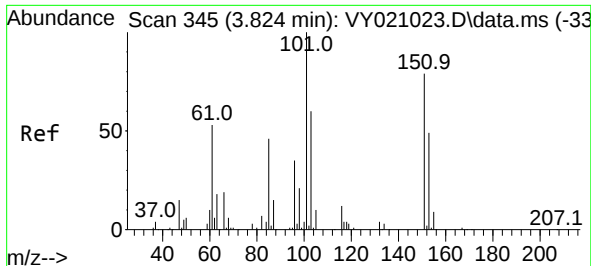
Tgt Ion:101 Resp: 55344  
 Ion Ratio Lower Upper  
 101 100  
 103 62.6 51.9 77.9



#8  
 Diethyl Ether  
 Concen: 19.450 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. -0.006 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

Tgt Ion: 74 Resp: 18175  
 Ion Ratio Lower Upper  
 74 100  
 45 100.5 47.9 143.7

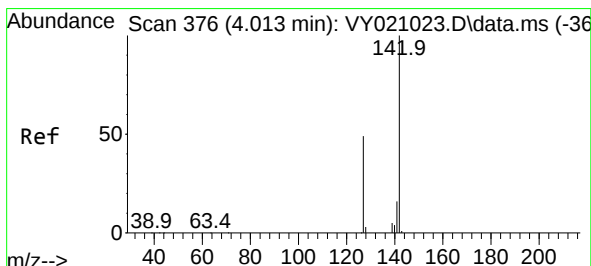
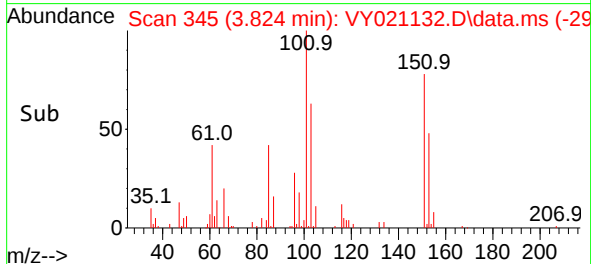
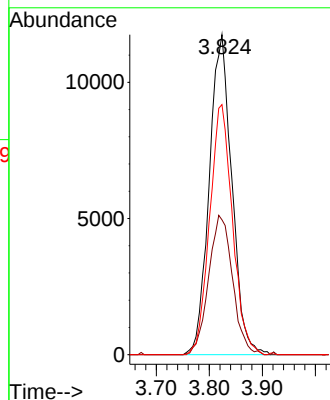
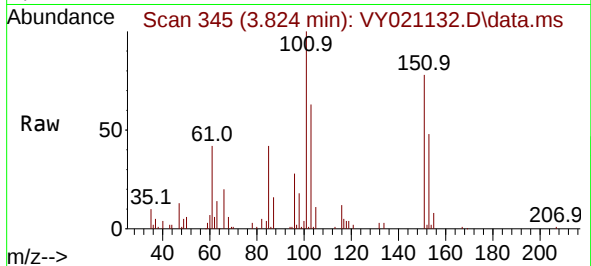




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.538 ug/l  
RT: 3.824 min Scan# 345  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

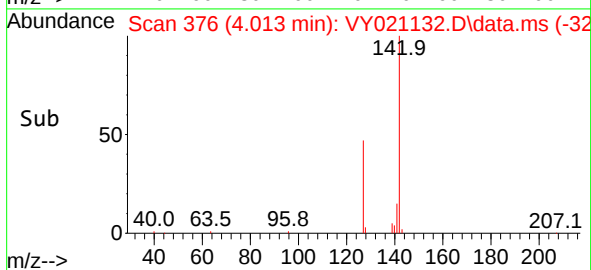
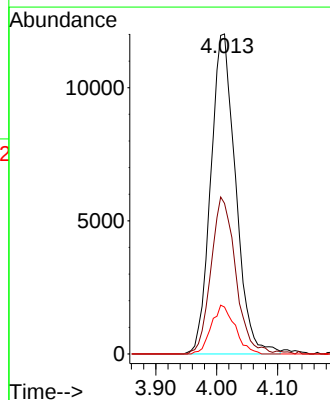
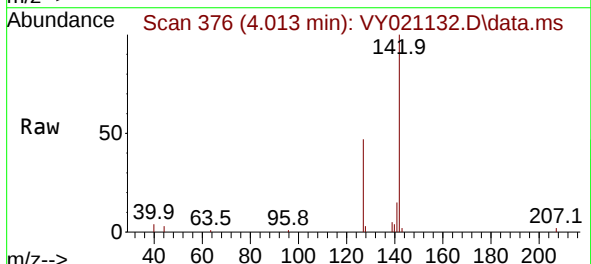
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

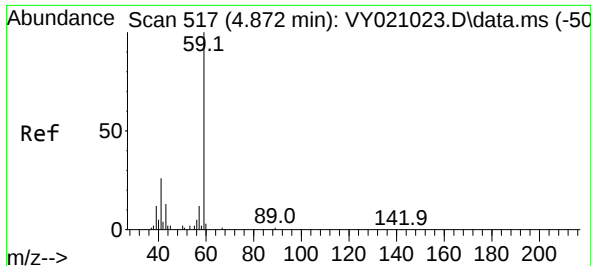
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 34826 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 46.0  | 35.8  | 53.6  |
| 151      | 78.9  | 58.6  | 88.0  |



#10  
Methyl Iodide  
Concen: 16.324 ug/l  
RT: 4.013 min Scan# 376  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 34071 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 48.5  | 35.1  | 52.7  |
| 141      | 14.5  | 11.8  | 17.6  |

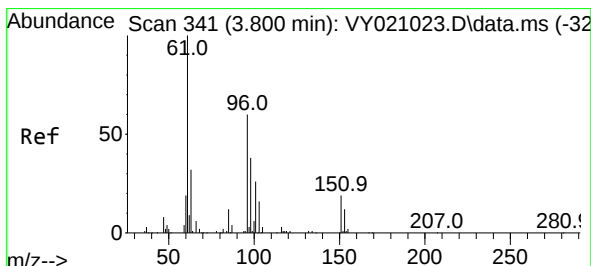
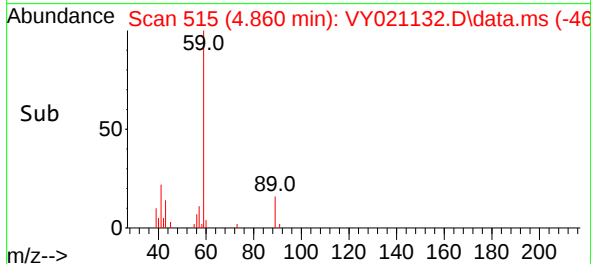
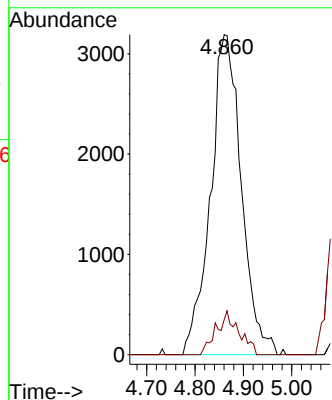
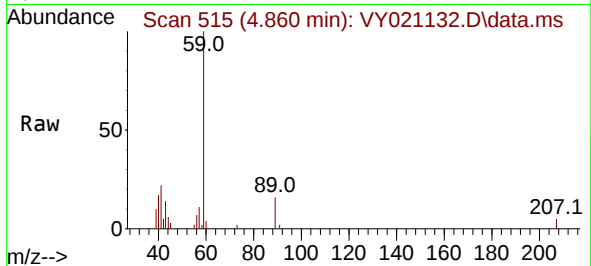




#11  
Tert butyl alcohol  
Concen: 109.564 ug/l  
RT: 4.860 min Scan# 51  
Delta R.T. -0.012 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

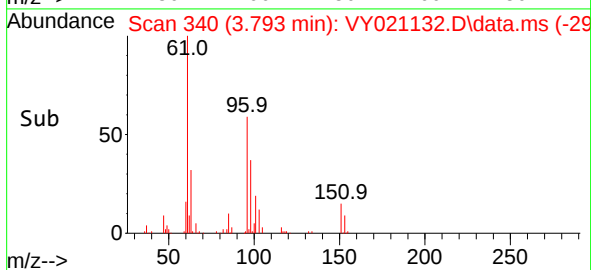
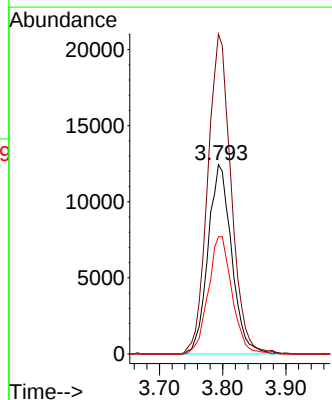
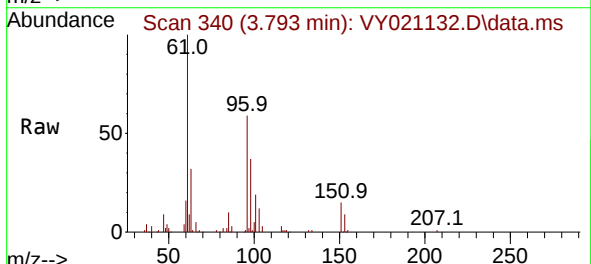
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

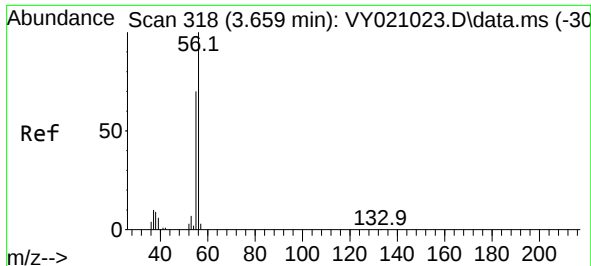
Tgt Ion: 59 Resp: 14119  
Ion Ratio Lower Upper  
59 100  
57 10.0 7.4 11.0



#12  
1,1-Dichloroethene  
Concen: 18.288 ug/l  
RT: 3.793 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 96 Resp: 32363  
Ion Ratio Lower Upper  
96 100  
61 169.0 124.2 186.2  
98 61.9 52.6 79.0

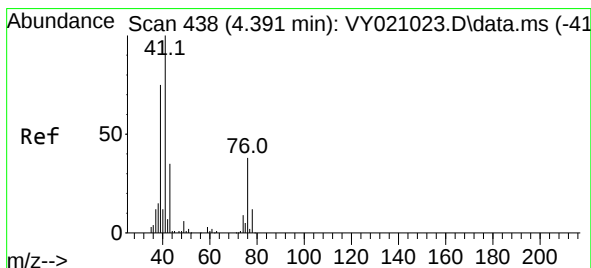
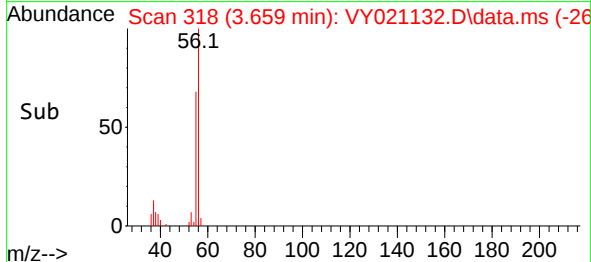
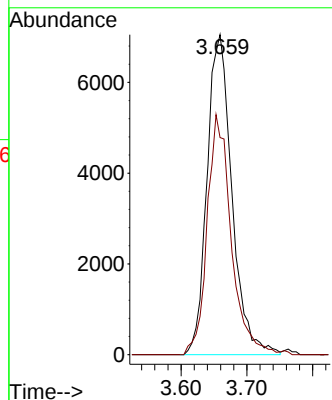
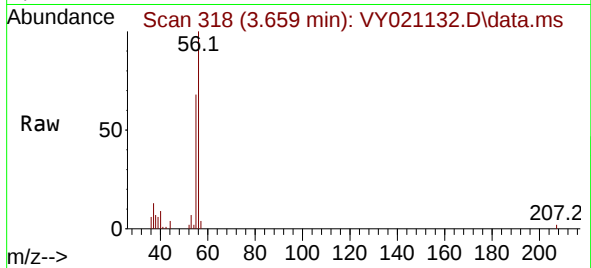




#13  
Acrolein  
Concen: 93.642 ug/l  
RT: 3.659 min Scan# 318  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

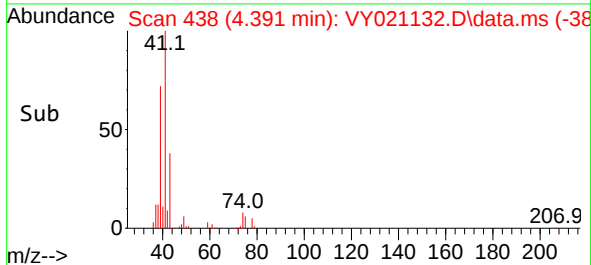
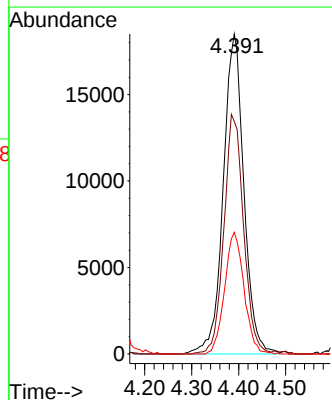
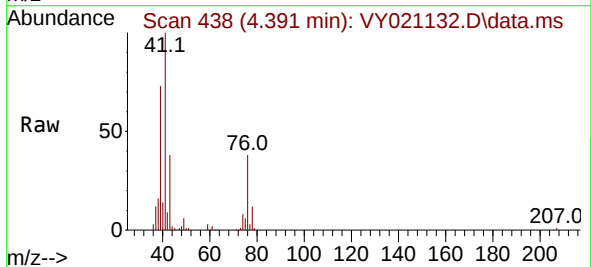
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

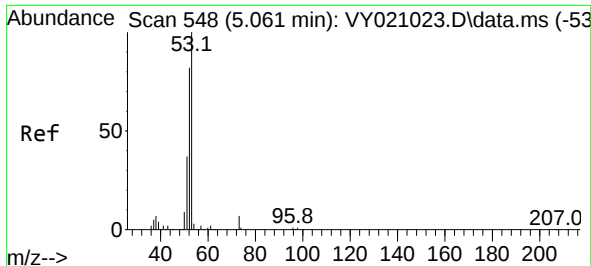
Tgt Ion: 56 Resp: 18582  
Ion Ratio Lower Upper  
56 100  
55 72.7 55.4 83.0



#14  
Allyl chloride  
Concen: 18.965 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 41 Resp: 56562  
Ion Ratio Lower Upper  
41 100  
39 71.3 54.7 82.1  
76 35.8 31.8 47.6

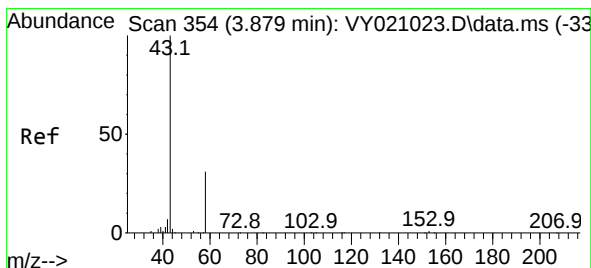
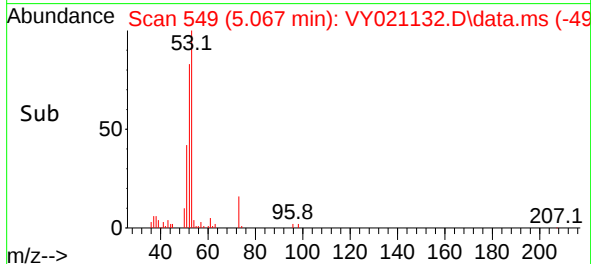
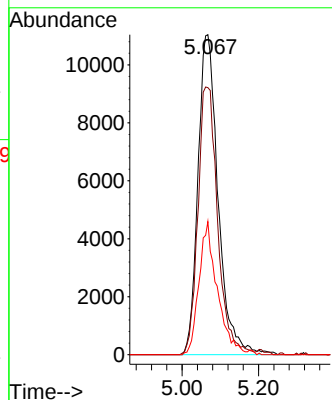
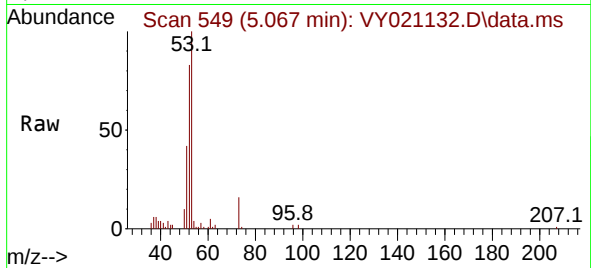




#15  
Acrylonitrile  
Concen: 103.879 ug/l  
RT: 5.067 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

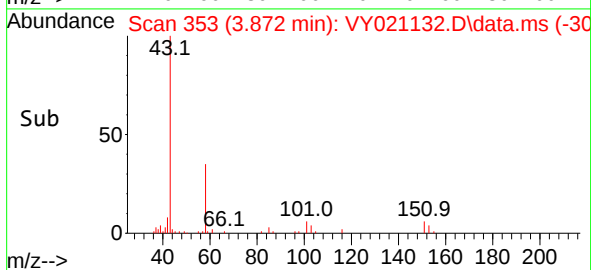
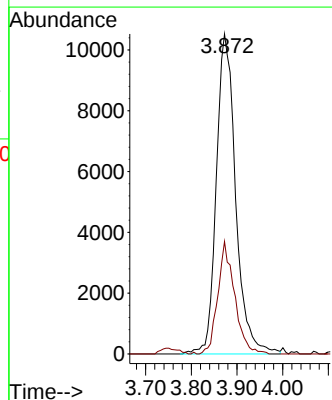
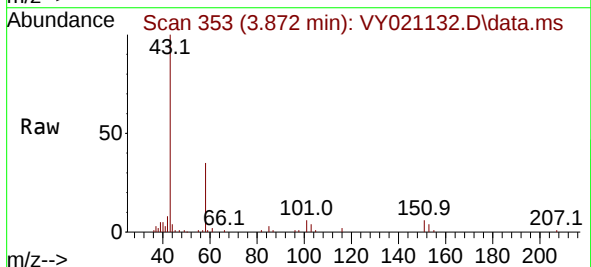
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

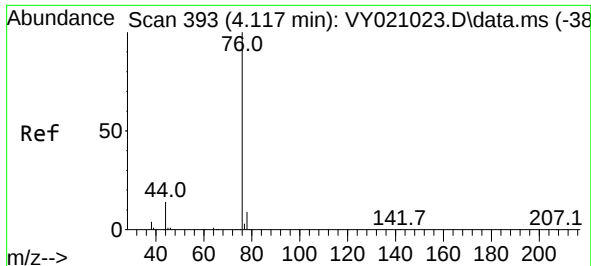
|             |                |
|-------------|----------------|
| Tgt Ion: 53 | Resp: 40421    |
| Ion Ratio   | Lower Upper    |
| 53          | 100            |
| 52          | 81.9 65.1 97.7 |
| 51          | 37.7 29.0 43.4 |



#16  
Acetone  
Concen: 104.486 ug/l  
RT: 3.872 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 30986    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 35.2 26.6 39.8 |

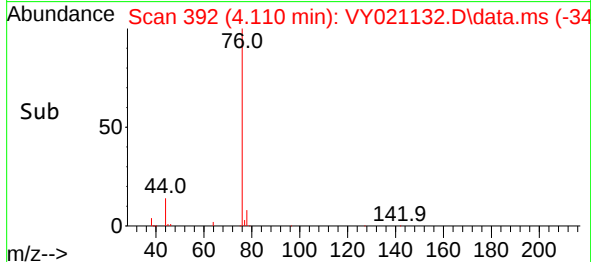
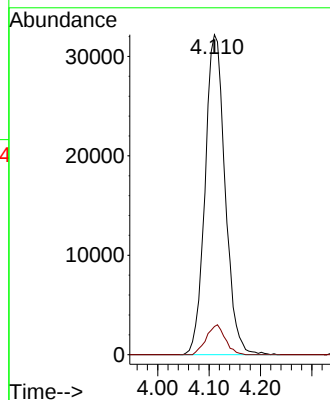
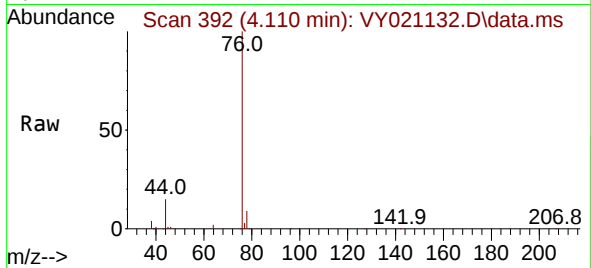




#17  
Carbon Disulfide  
Concen: 15.695 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

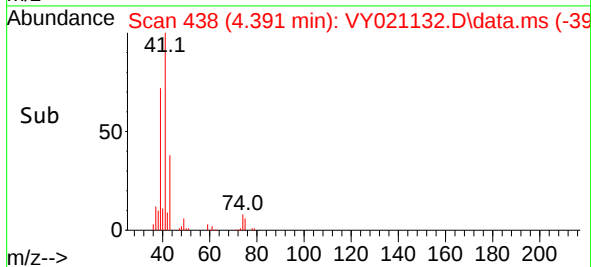
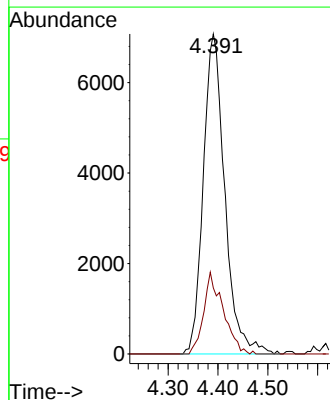
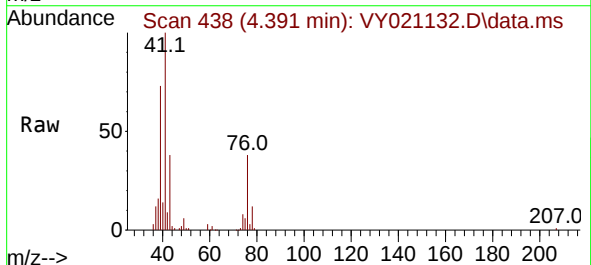
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

Tgt Ion: 76 Resp: 87096  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0



#18  
Methyl Acetate  
Concen: 20.343 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 43 Resp: 21178  
Ion Ratio Lower Upper  
43 100  
74 23.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 20.002 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

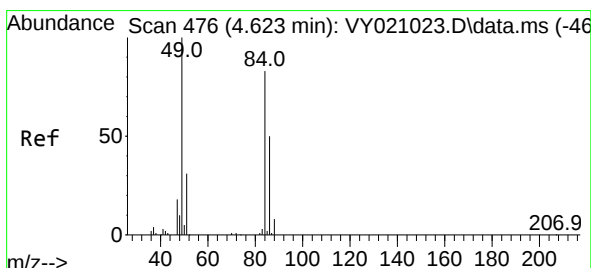
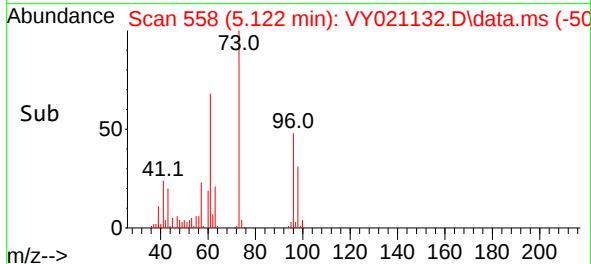
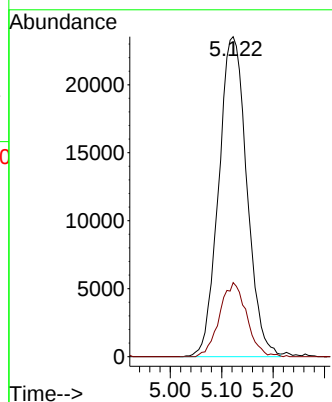
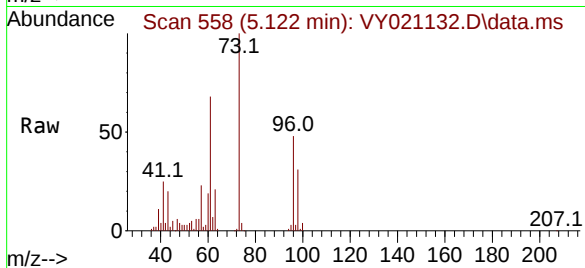
VY0207SBS01

Tgt Ion: 73 Resp: 89466

Ion Ratio Lower Upper

73 100

57 23.1 17.7 26.5



#20

Methylene Chloride

Concen: 19.469 ug/l

RT: 4.622 min Scan# 476

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Tgt Ion: 84 Resp: 35893

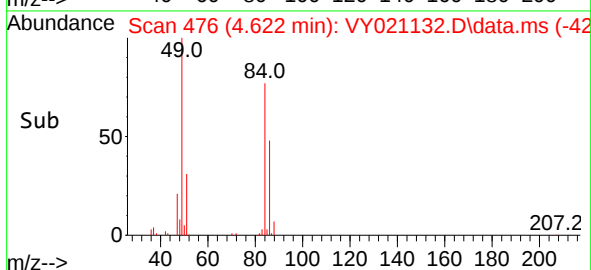
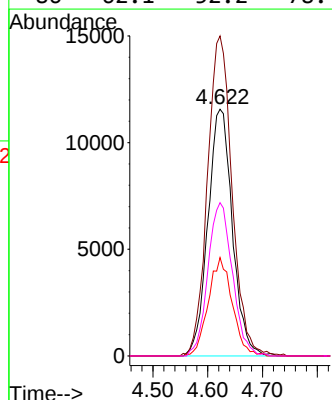
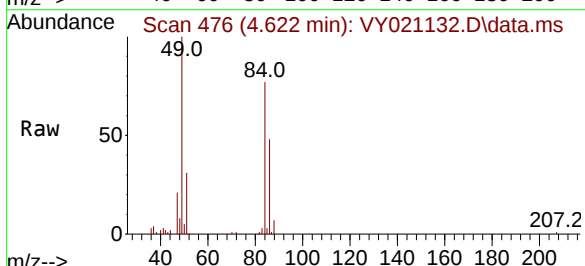
Ion Ratio Lower Upper

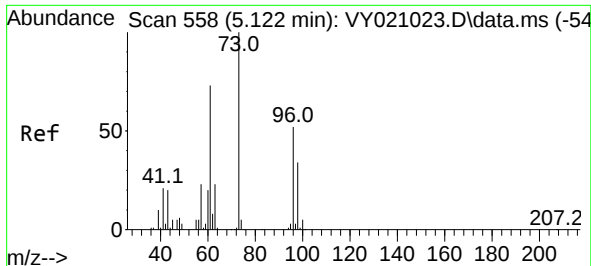
84 100

49 129.7 95.2 142.8

51 39.9 29.9 44.9

86 62.1 52.2 78.4

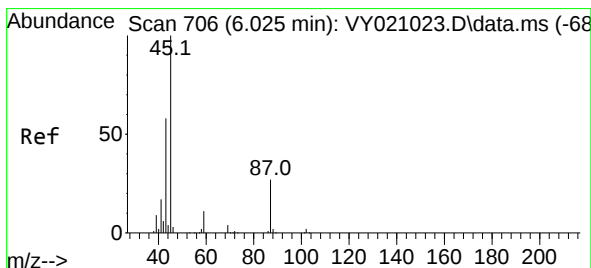
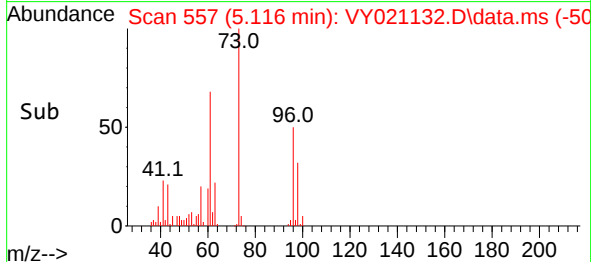
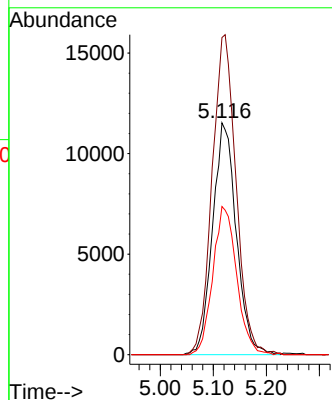
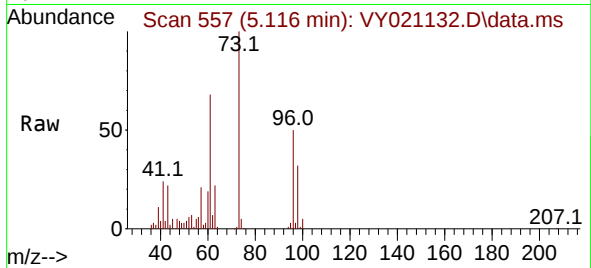




#21  
trans-1,2-Dichloroethene  
Concen: 18.391 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

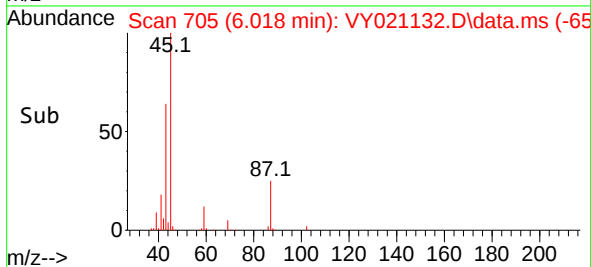
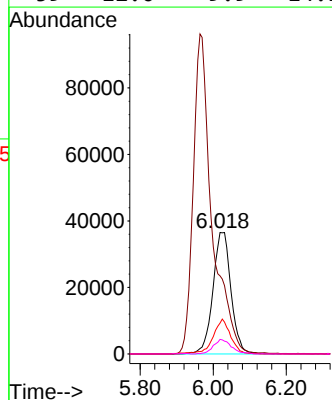
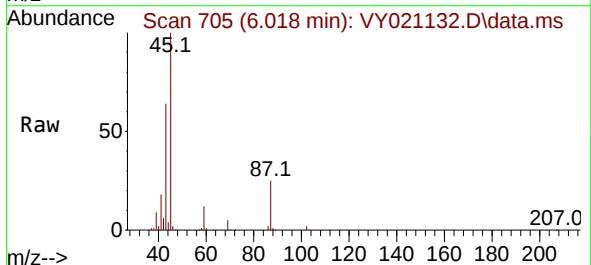
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

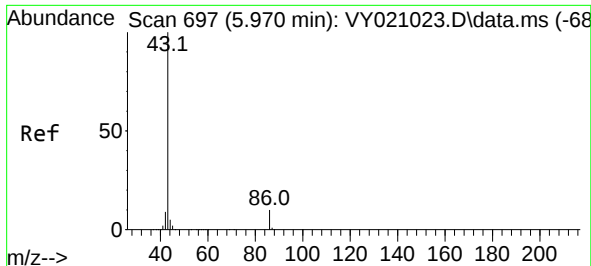
Tgt Ion: 96 Resp: 35825  
Ion Ratio Lower Upper  
96 100  
61 136.8 104.6 156.8  
98 63.9 50.9 76.3



#22  
Diisopropyl ether  
Concen: 20.453 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 45 Resp: 125739  
Ion Ratio Lower Upper  
45 100  
43 64.0 46.8 70.2  
87 25.4 22.2 33.2  
59 12.0 9.9 14.9

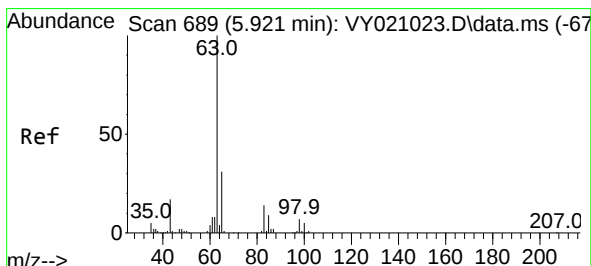
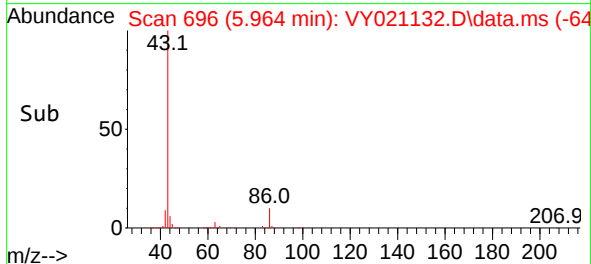
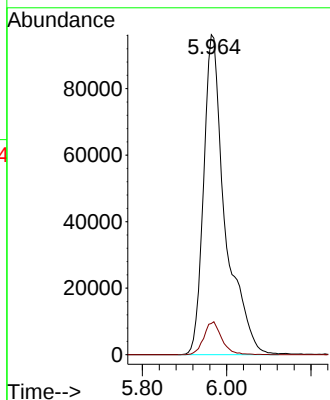
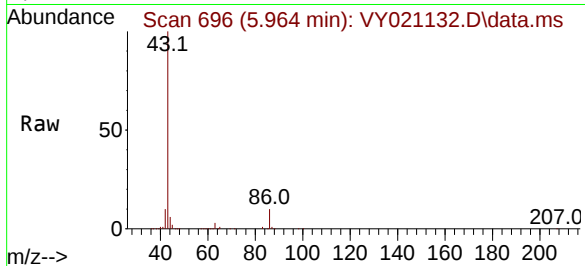




#23  
 Vinyl Acetate  
 Concen: 100.079 ug/l  
 RT: 5.964 min Scan# 64  
 Delta R.T. -0.006 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

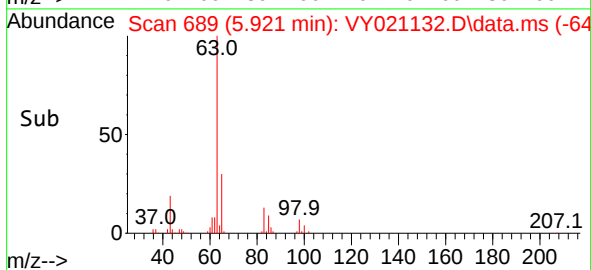
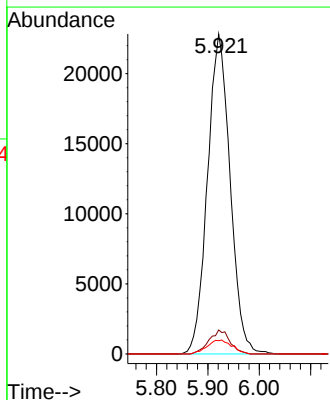
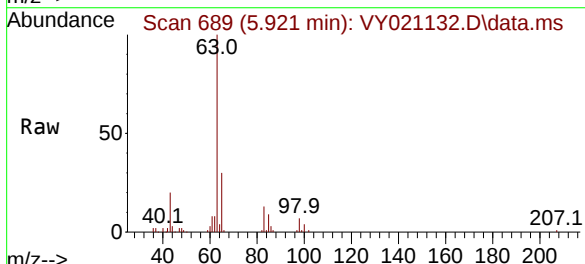
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

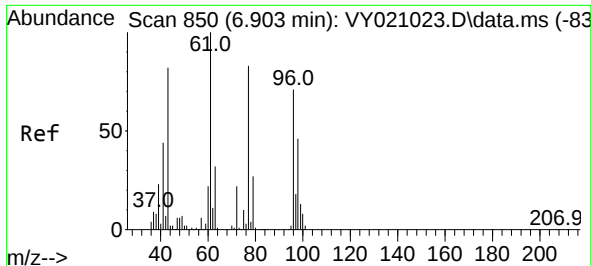
Tgt Ion: 43 Resp: 342973  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.6 13.0



#24  
 1,1-Dichloroethane  
 Concen: 19.395 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

Tgt Ion: 63 Resp: 69855  
 Ion Ratio Lower Upper  
 63 100  
 98 7.5 3.8 11.4  
 100 4.2 2.1 6.2

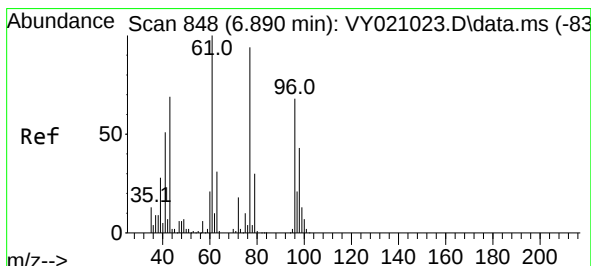
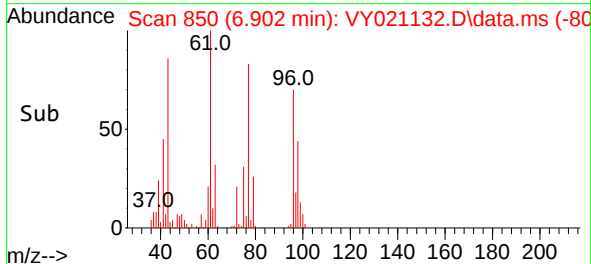
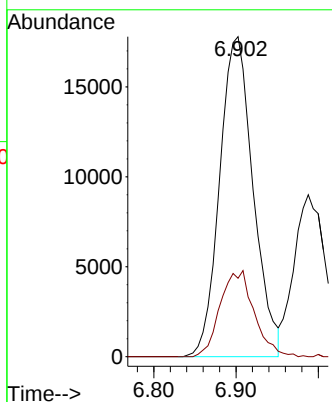
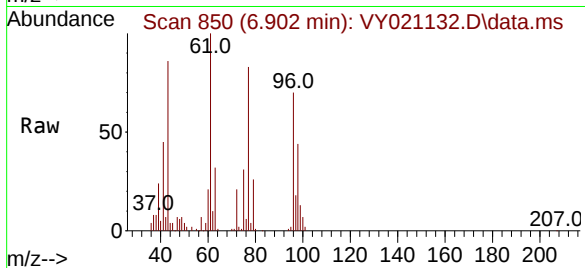




#25  
2-Butanone  
Concen: 103.683 ug/l  
RT: 6.902 min Scan# 850  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

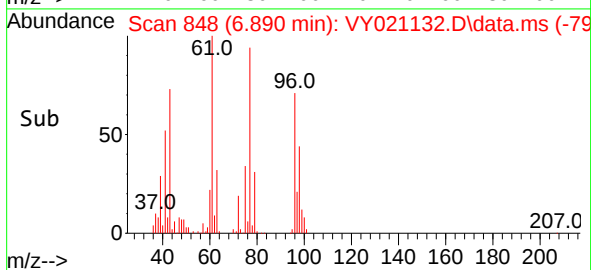
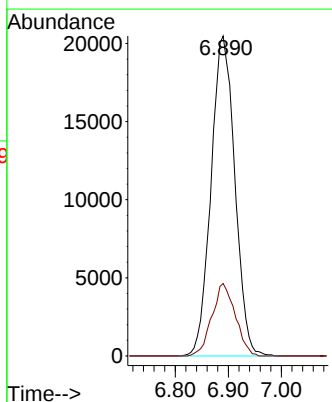
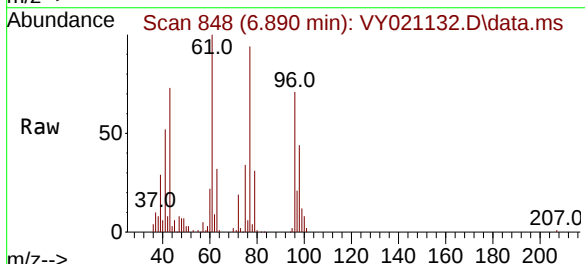
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

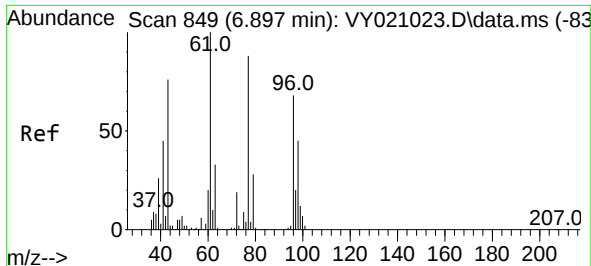
Tgt Ion: 43 Resp: 50527  
Ion Ratio Lower Upper  
43 100  
72 24.5 21.4 32.2



#26  
2,2-Dichloropropane  
Concen: 19.148 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 77 Resp: 63816  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.7 35.0

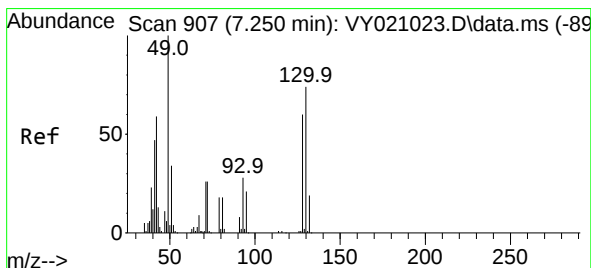
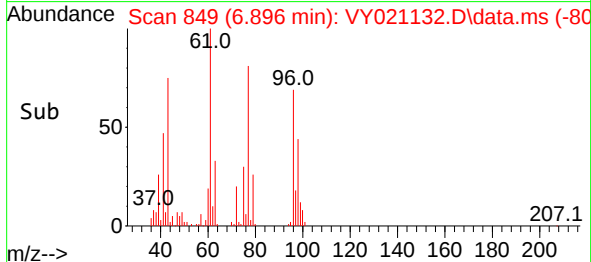
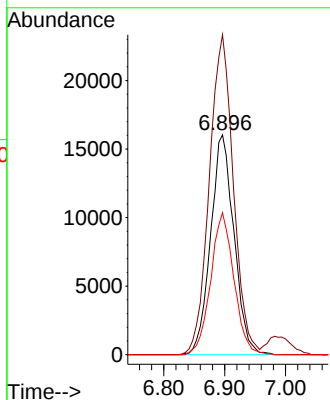
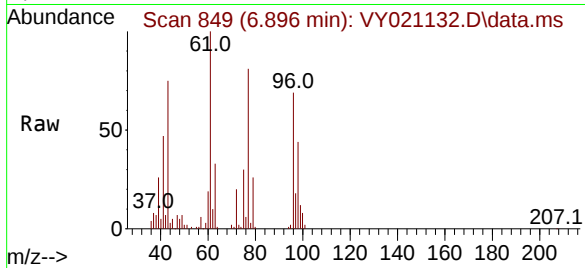




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.087 ug/l  
 RT: 6.896 min Scan# 849  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

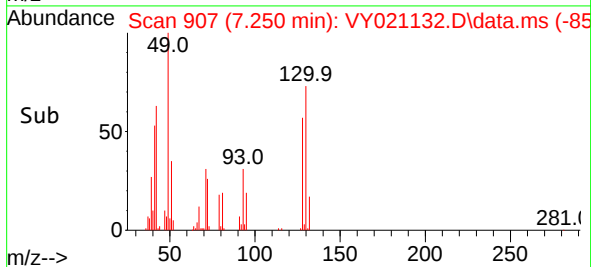
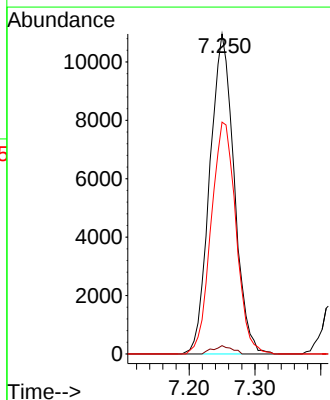
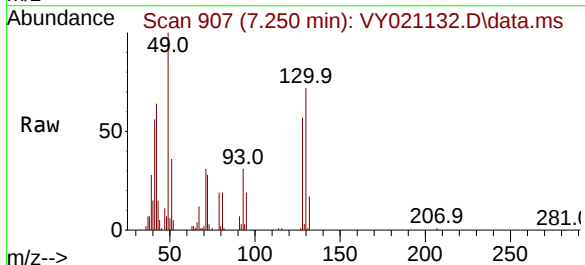
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 96 | Resp: 42796 |       |       |
| Ion Ratio   | Lower       | Upper |       |
| 96          | 100         |       |       |
| 61          | 149.4       | 0.0   | 278.8 |
| 98          | 64.1        | 0.0   | 127.0 |



#28  
 Bromochloromethane  
 Concen: 19.830 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 28243 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 2.0     | 0.0 3.8     |
| 130 73.9    | 59.8 89.8   |

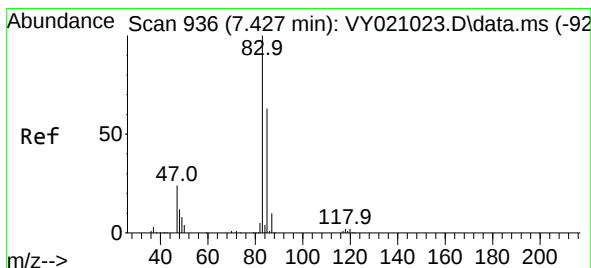
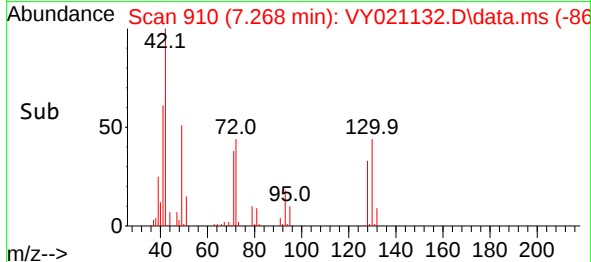
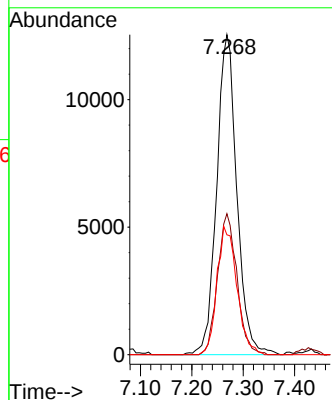
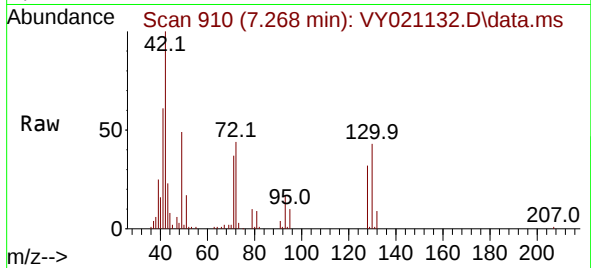




#29  
Tetrahydrofuran  
Concen: 103.608 ug/l  
RT: 7.268 min Scan# 910  
Delta R.T. 0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

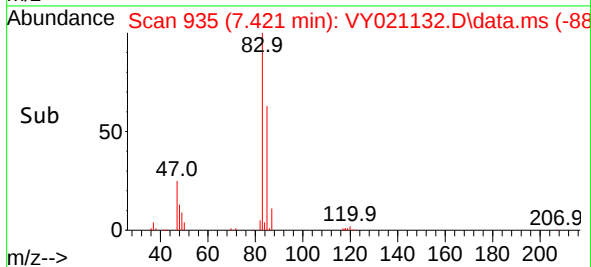
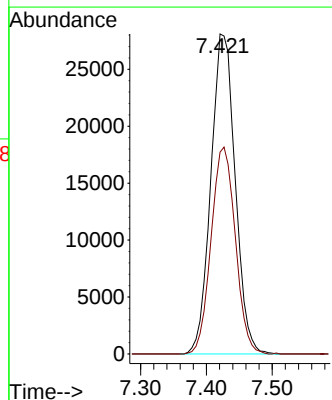
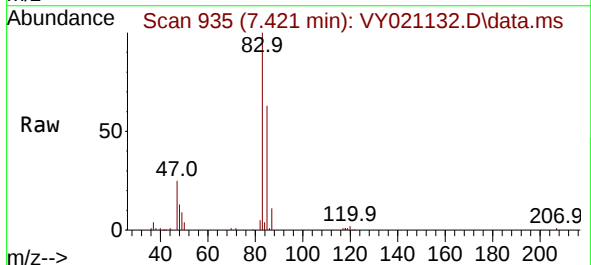
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

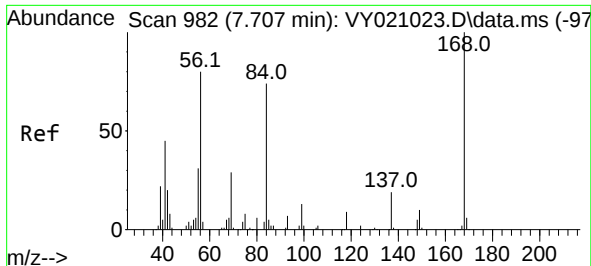
Tgt Ion: 42 Resp: 34165  
Ion Ratio Lower Upper  
42 100  
72 42.3 36.6 54.8  
71 39.5 33.8 50.6



#30  
Chloroform  
Concen: 19.557 ug/l  
RT: 7.421 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 83 Resp: 72352  
Ion Ratio Lower Upper  
83 100  
85 63.1 51.2 76.8

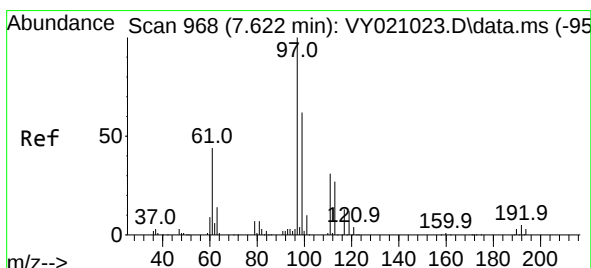
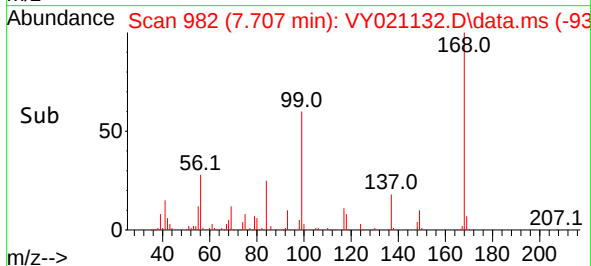
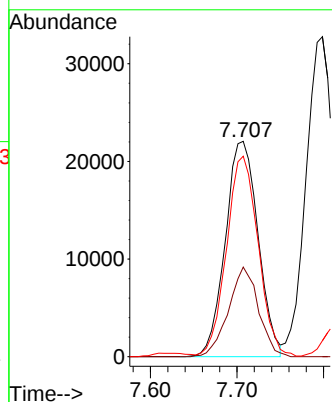
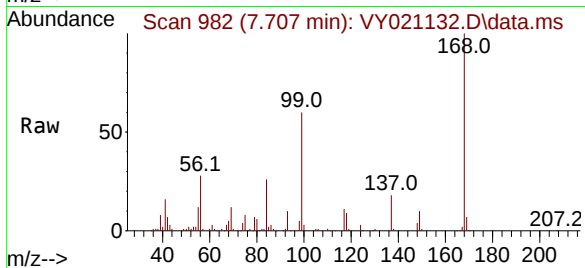




#31  
Cyclohexane  
Concen: 17.883 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

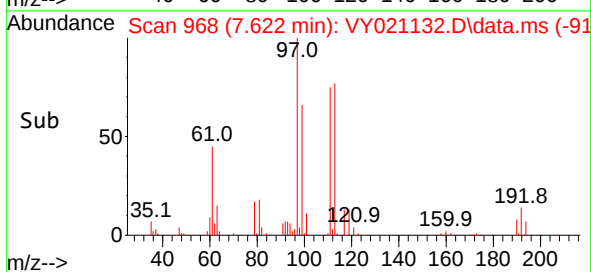
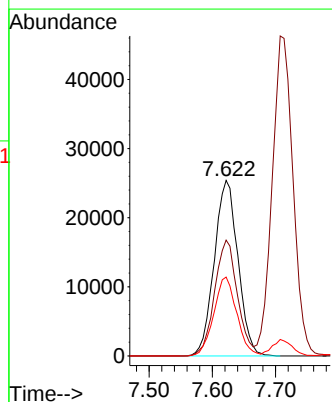
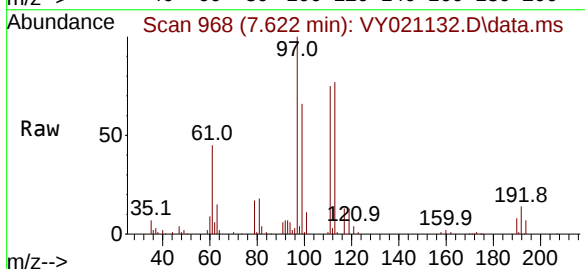
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

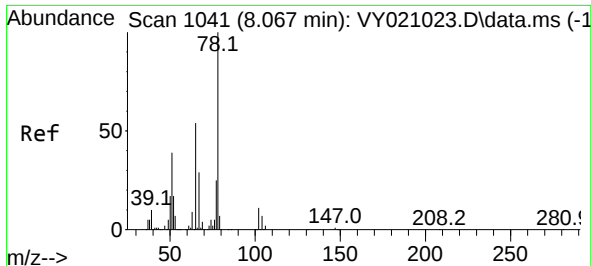
Tgt Ion: 56 Resp: 58004  
Ion Ratio Lower Upper  
56 100  
69 41.6 27.0 40.6#  
84 91.6 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 19.177 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 97 Resp: 65960  
Ion Ratio Lower Upper  
97 100  
99 63.4 51.2 76.8  
61 43.7 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 45.383 ug/l

RT: 8.067 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

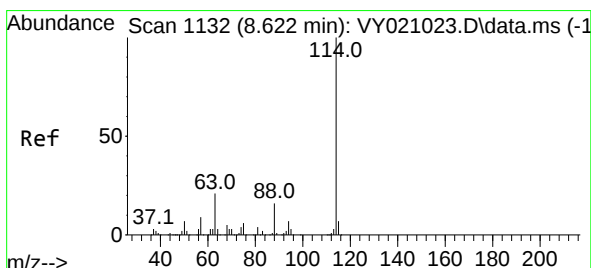
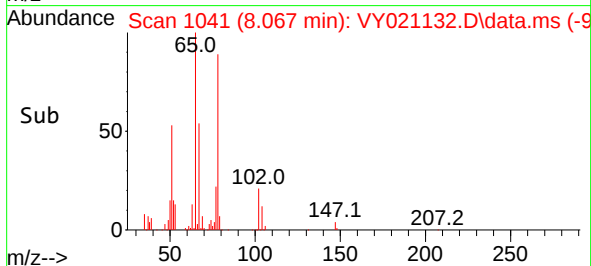
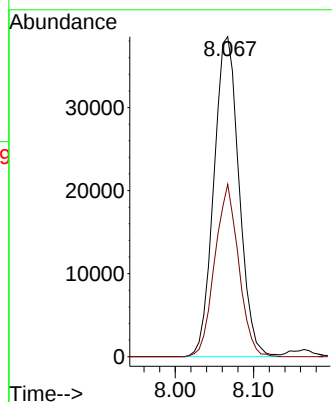
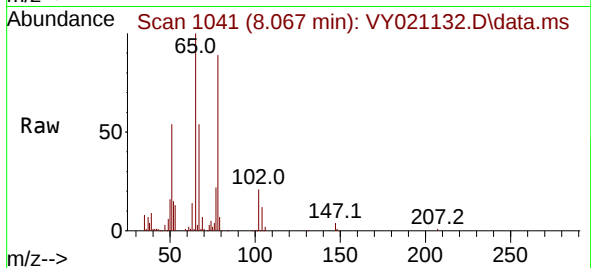
VY0207SBS01

Tgt Ion: 65 Resp: 86302

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

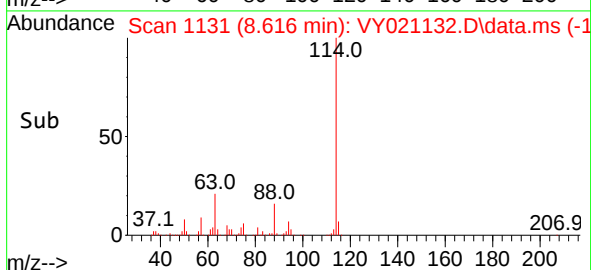
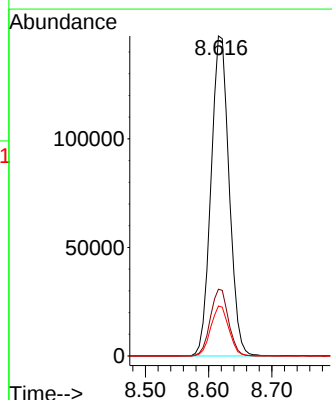
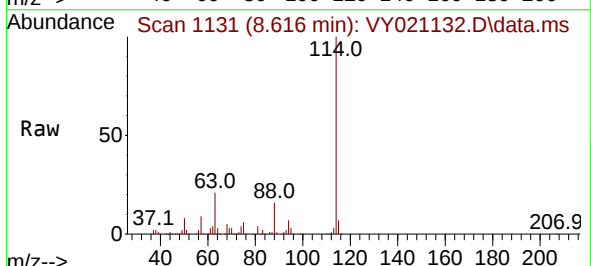
Tgt Ion: 114 Resp: 293384

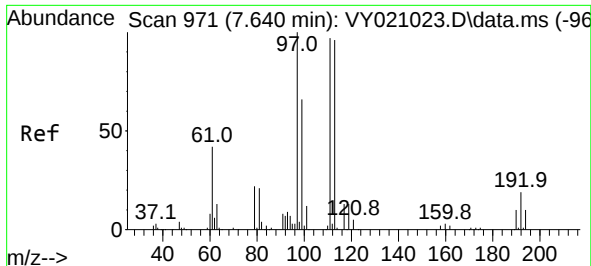
Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 15.6 0.0 29.0

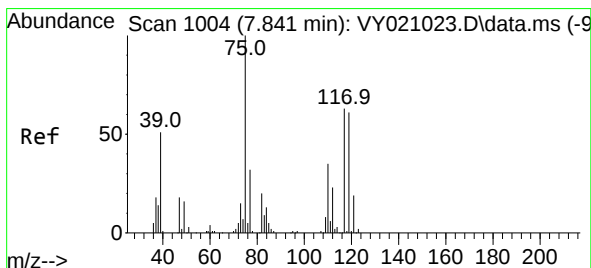
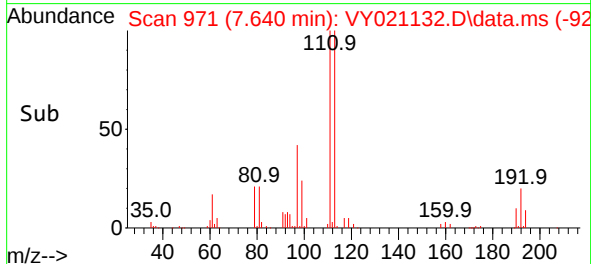
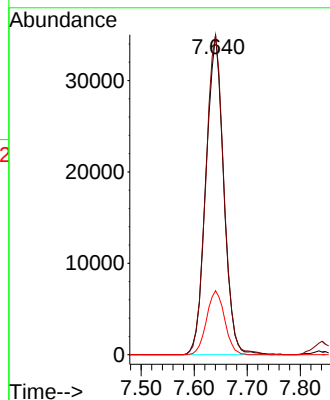
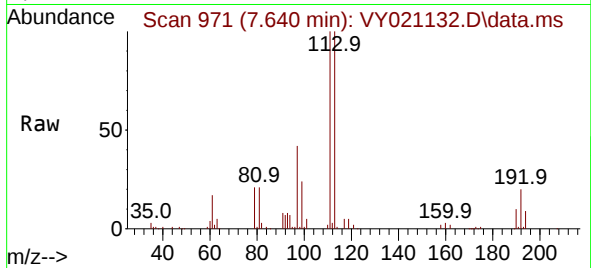




#35  
Dibromofluoromethane  
Concen: 43.198 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

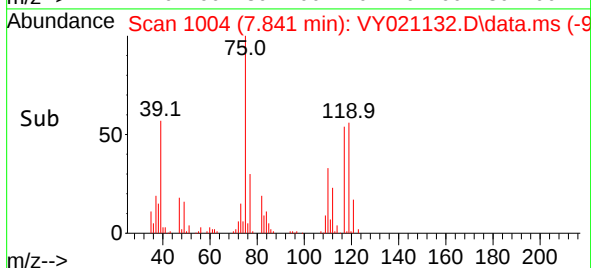
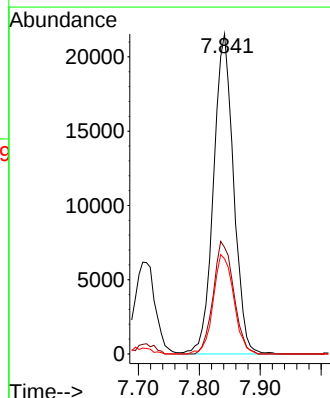
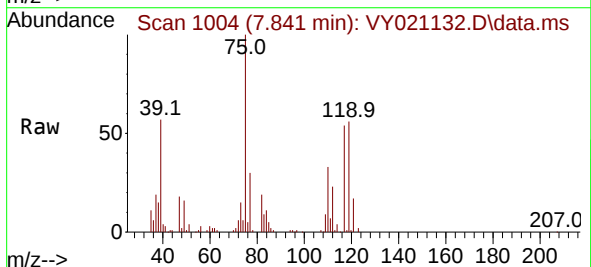
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

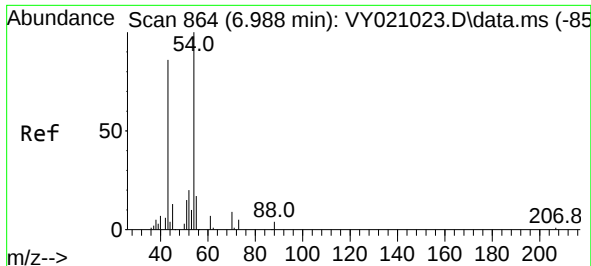
Tgt Ion:113 Resp: 81221  
Ion Ratio Lower Upper  
113 100  
111 101.8 83.8 125.6  
192 20.4 14.5 21.7



#36  
1,1-Dichloropropene  
Concen: 17.703 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 75 Resp: 49301  
Ion Ratio Lower Upper  
75 100  
110 35.8 17.4 52.3  
77 31.7 24.7 37.1

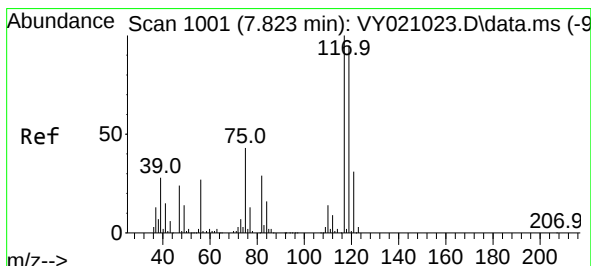
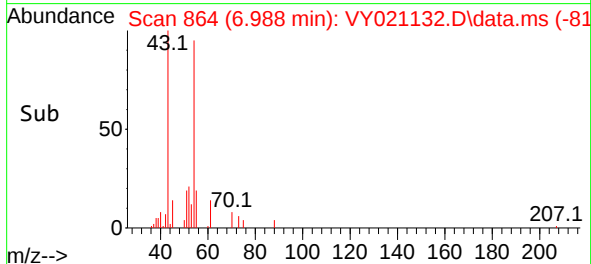
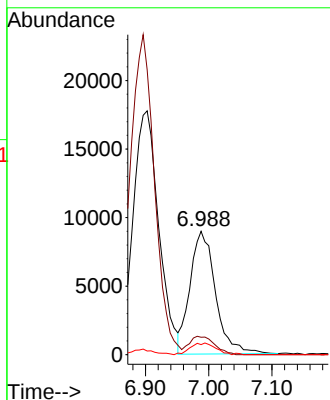
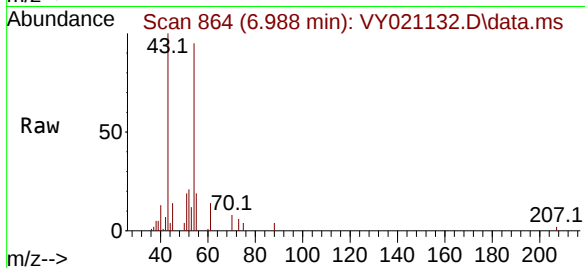




#37  
Ethyl Acetate  
Concen: 20.557 ug/l  
RT: 6.988 min Scan# 864  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

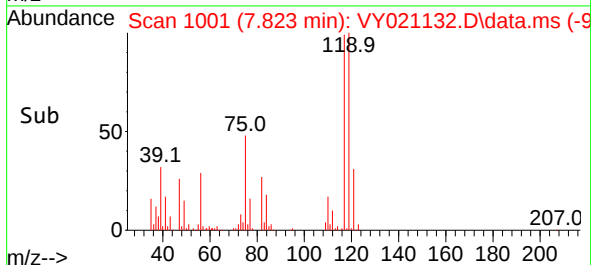
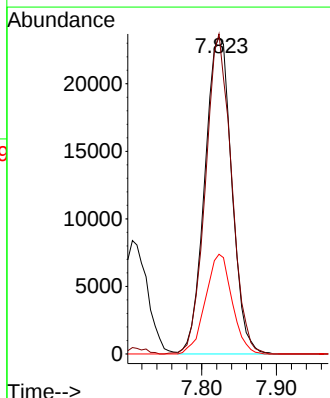
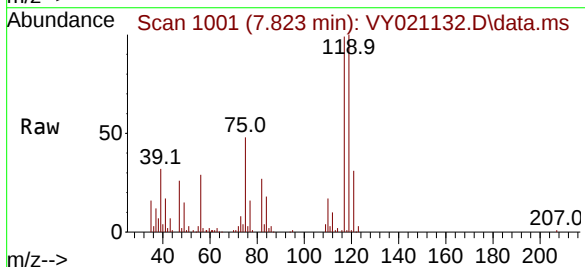
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

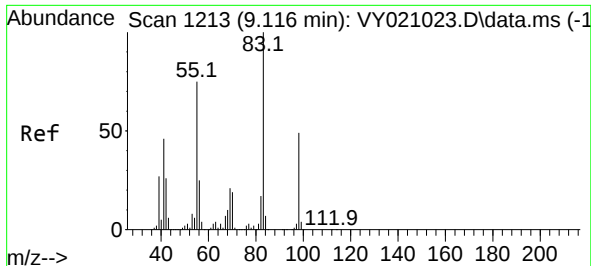
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 25115 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 14.8  | 11.0  | 16.6  |
| 70       | 9.3   | 8.1   | 12.1  |



#38  
Carbon Tetrachloride  
Concen: 18.133 ug/l  
RT: 7.823 min Scan# 1001  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 59004 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 101.0 | 76.0  | 114.0 |
| 121      | 31.5  | 24.2  | 36.2  |





#39

Methylcyclohexane

Concen: 17.501 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

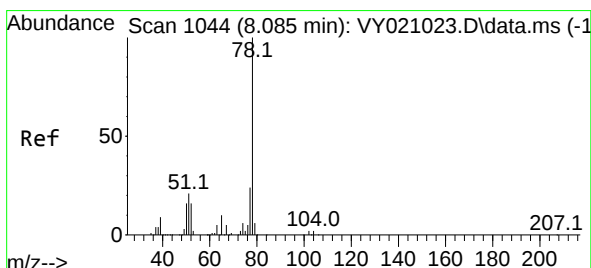
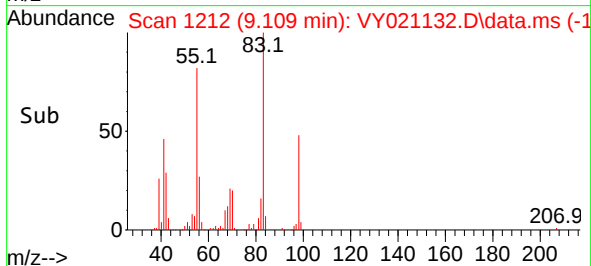
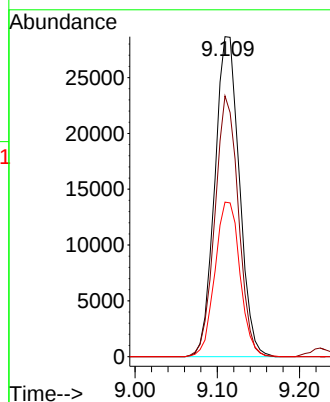
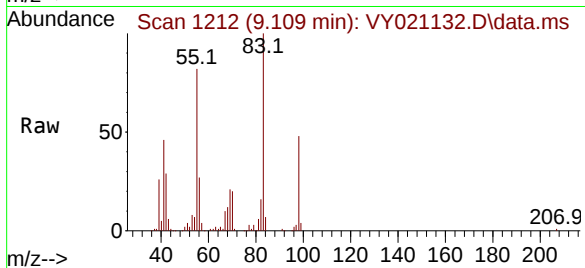
Tgt Ion: 83 Resp: 59616

Ion Ratio Lower Upper

83 100

55 81.5 59.7 89.5

98 48.3 38.0 57.0



#40

Benzene

Concen: 18.524 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY021132.D

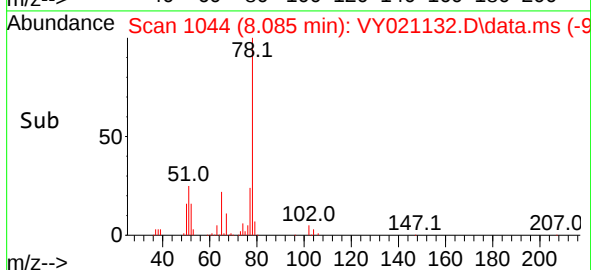
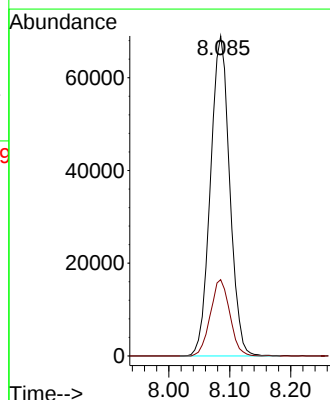
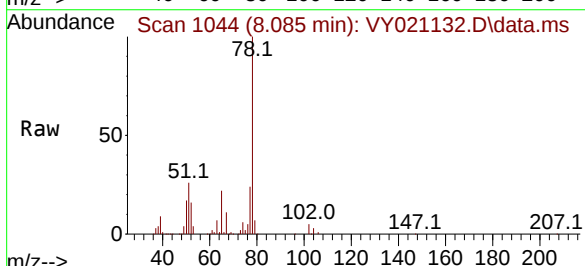
Acq: 07 Feb 2025 11:13

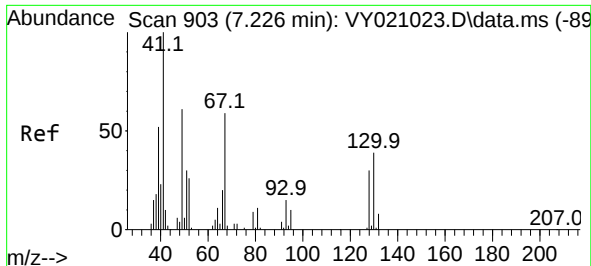
Tgt Ion: 78 Resp: 151388

Ion Ratio Lower Upper

78 100

77 23.8 18.8 28.2

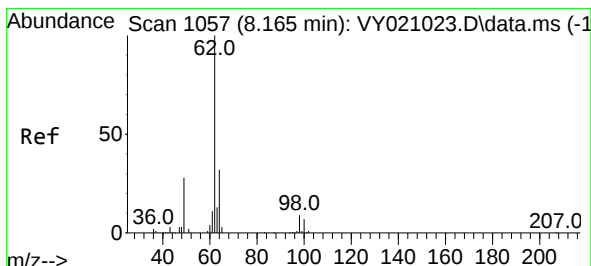
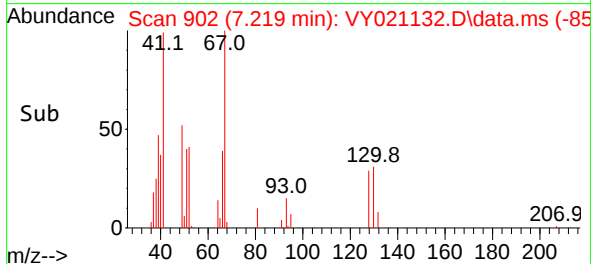
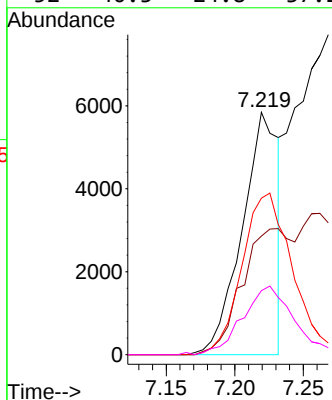
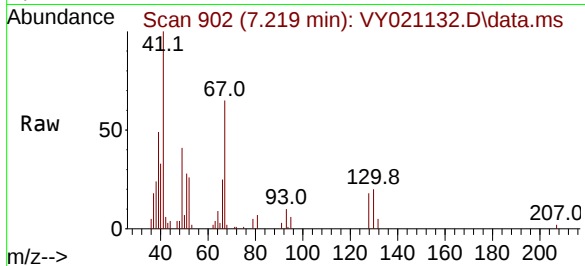




#41  
Methacrylonitrile  
Concen: 15.226 ug/l  
RT: 7.219 min Scan# 90  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

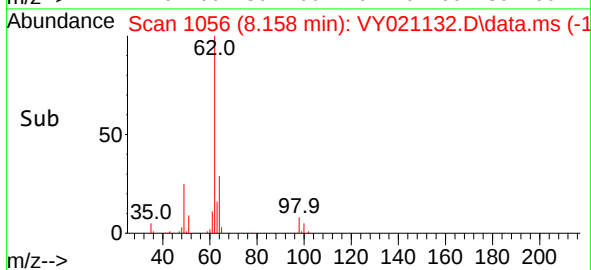
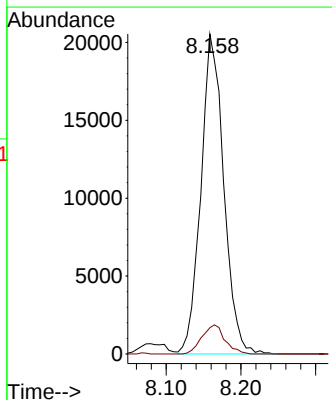
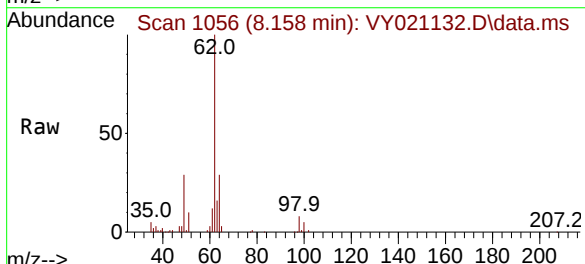
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

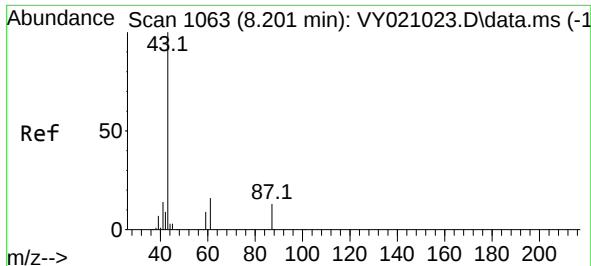
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 10762 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 73.6  | 41.9  | 62.9# |
| 67       | 93.0  | 59.8  | 89.6# |
| 52       | 40.3  | 24.8  | 37.2# |



#42  
1,2-Dichloroethane  
Concen: 19.221 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 43576 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 20.2  |

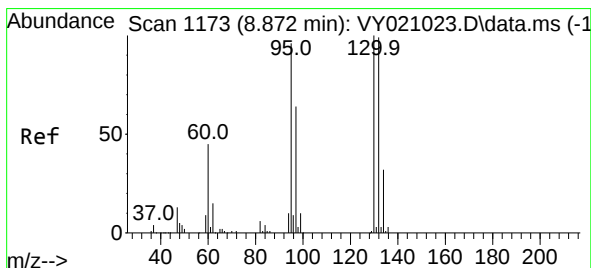
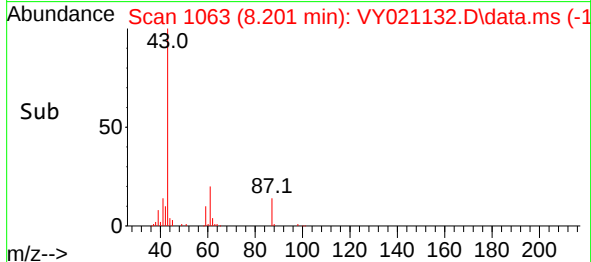
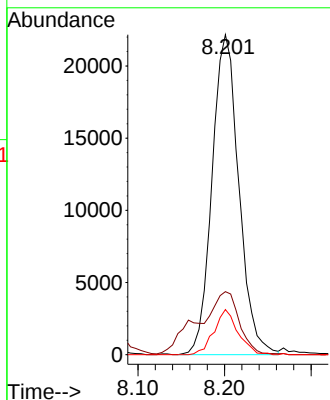
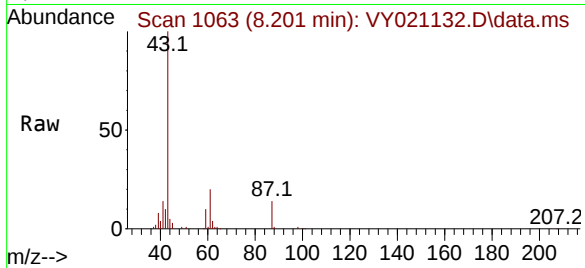




#43  
Isopropyl Acetate  
Concen: 19.638 ug/l  
RT: 8.201 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

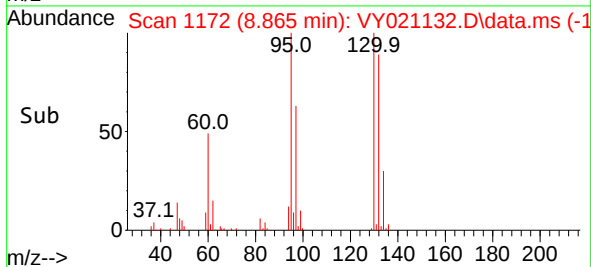
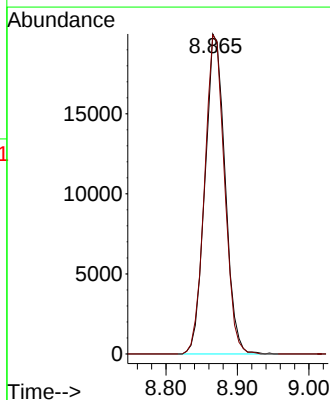
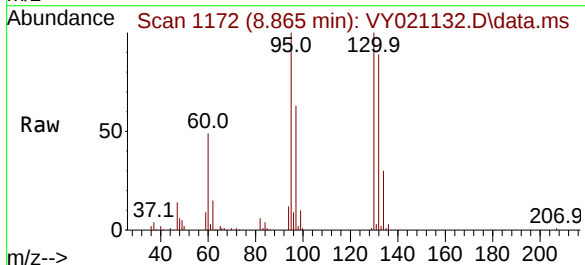
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

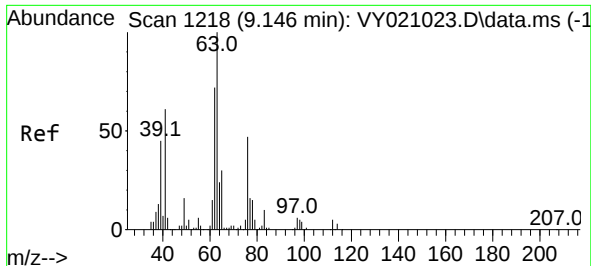
Tgt Ion: 43 Resp: 47673  
Ion Ratio Lower Upper  
43 100  
61 20.0 24.8 37.2#  
87 12.7 10.7 16.1



#44  
Trichloroethene  
Concen: 18.419 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion:130 Resp: 38891  
Ion Ratio Lower Upper  
130 100  
95 99.7 0.0 203.8





#45

1,2-Dichloropropane

Concen: 19.075 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

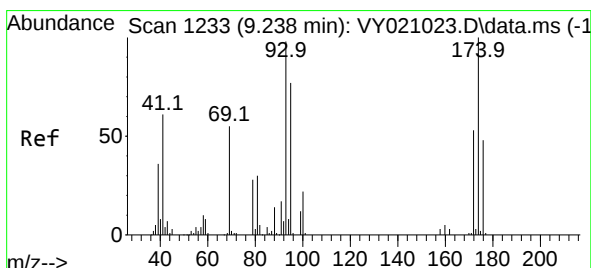
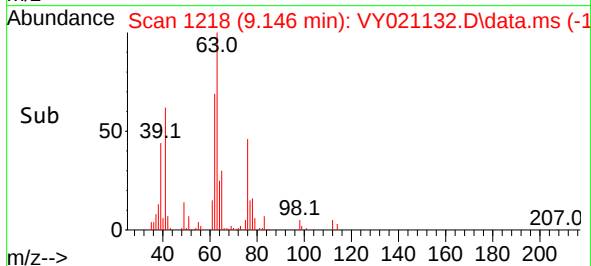
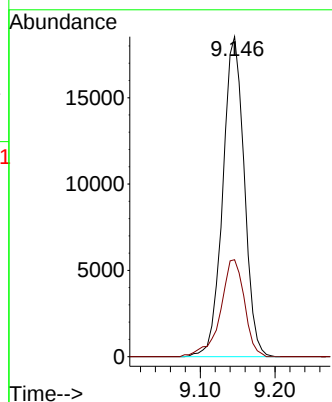
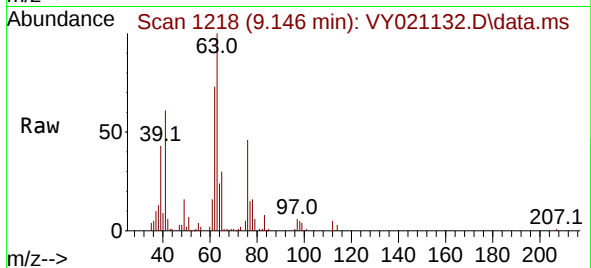
VY0207SBS01

Tgt Ion: 63 Resp: 37001

Ion Ratio Lower Upper

63 100

65 30.3 24.6 36.8



#46

Dibromomethane

Concen: 18.573 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

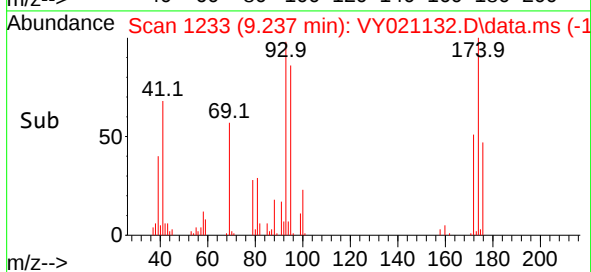
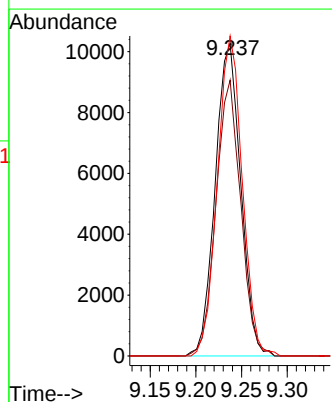
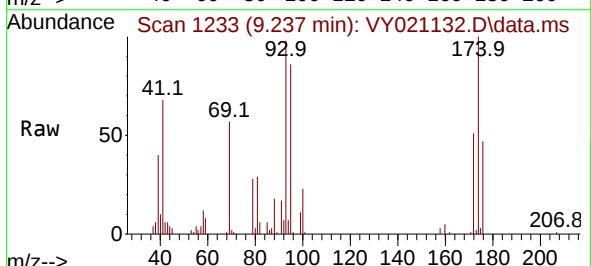
Tgt Ion: 93 Resp: 19948

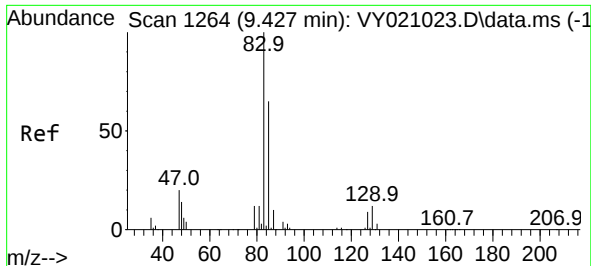
Ion Ratio Lower Upper

93 100

95 85.5 66.6 99.8

174 100.0 73.8 110.6





#47

Bromodichloromethane

Concen: 19.276 ug/l

RT: 9.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

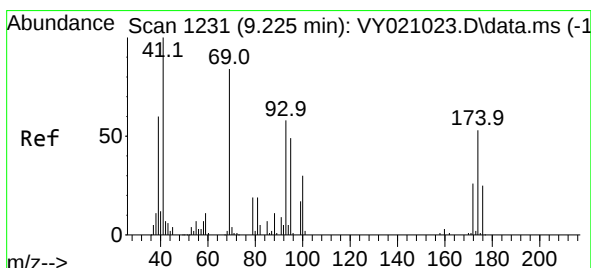
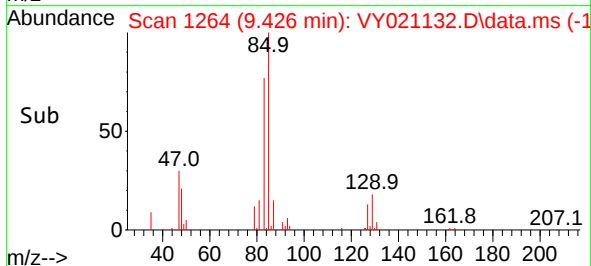
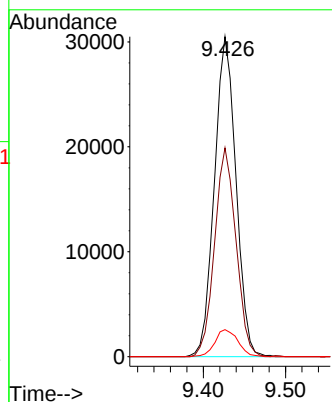
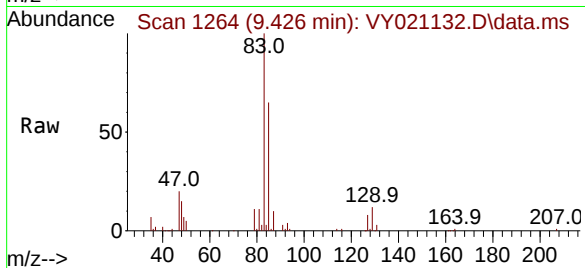
Tgt Ion: 83 Resp: 55524

Ion Ratio Lower Upper

83 100

85 65.2 53.2 79.8

127 8.4 6.4 9.6



#48

Methyl methacrylate

Concen: 19.565 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

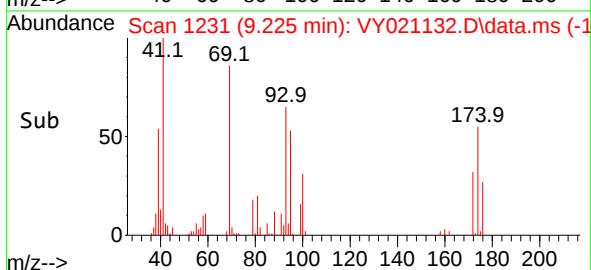
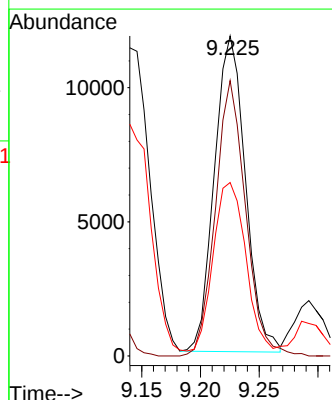
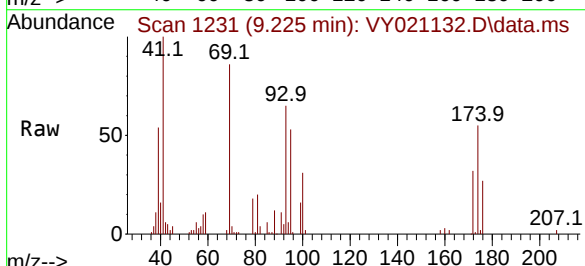
Tgt Ion: 41 Resp: 21635

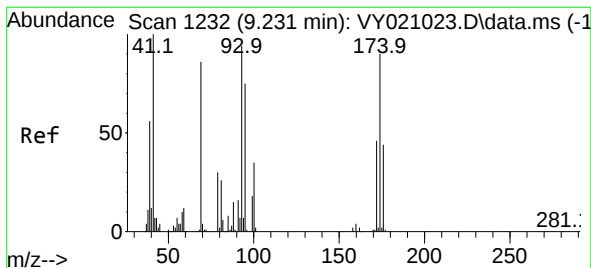
Ion Ratio Lower Upper

41 100

69 85.0 72.1 108.1

39 56.0 42.8 64.2





#49

1,4-Dioxane

Concen: 460.376 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

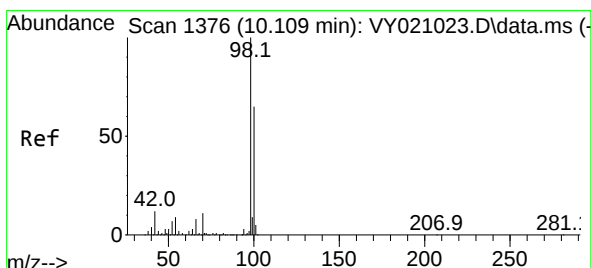
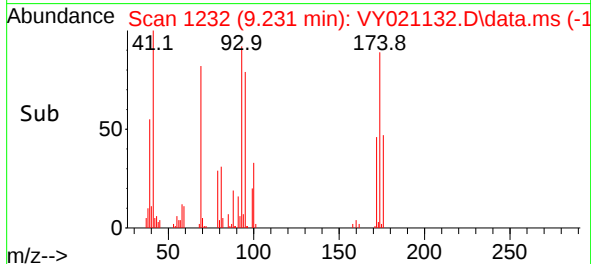
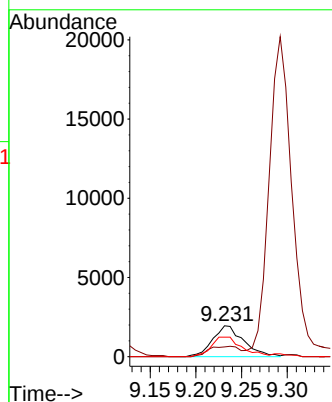
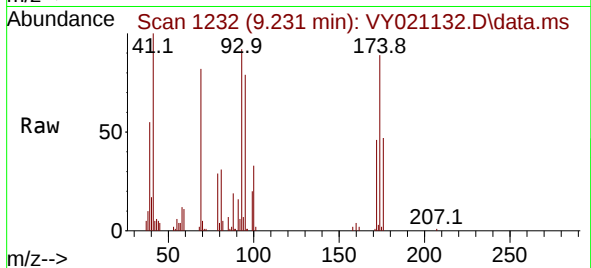
Tgt Ion: 88 Resp: 4603

Ion Ratio Lower Upper

88 100

43 32.7 28.2 42.4

58 62.5 52.2 78.2



#50

Toluene-d8

Concen: 42.984 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY021132.D

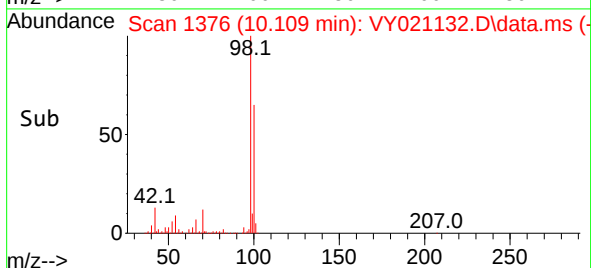
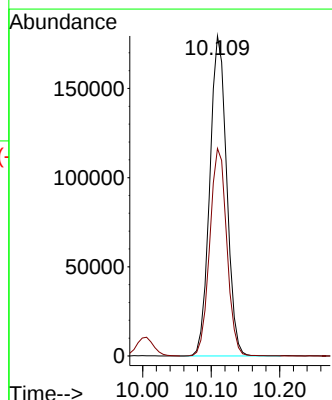
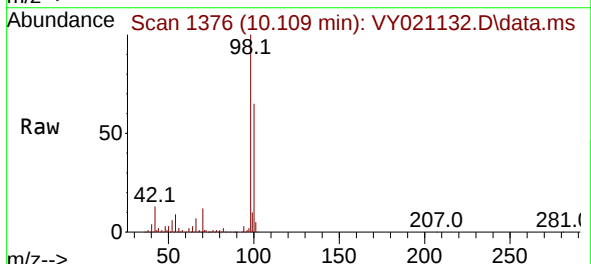
Acq: 07 Feb 2025 11:13

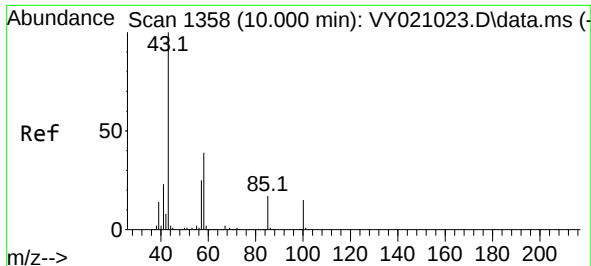
Tgt Ion: 98 Resp: 307683

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

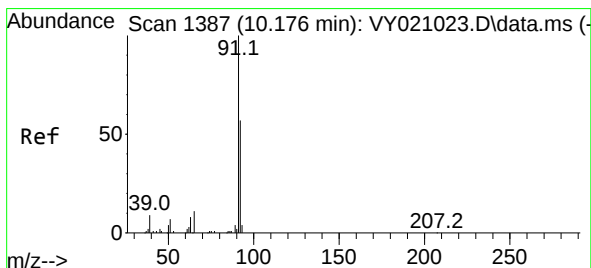
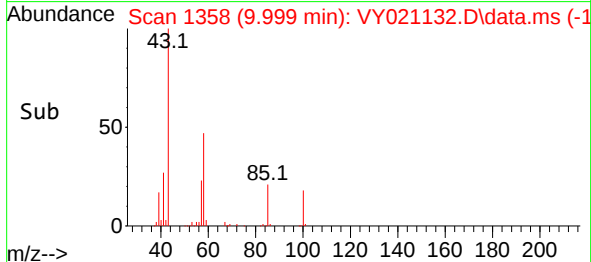
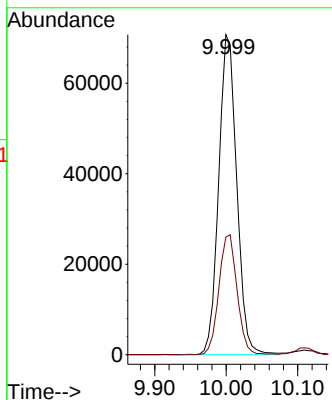
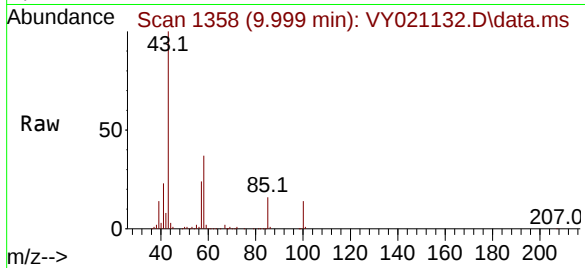




#51  
4-Methyl-2-Pentanone  
Concen: 101.556 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

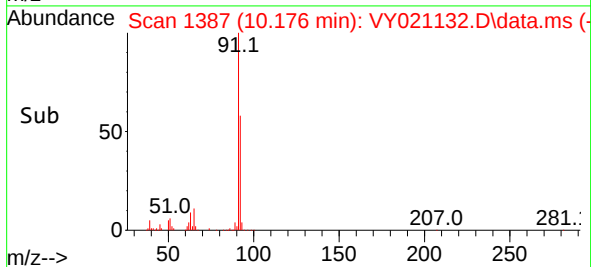
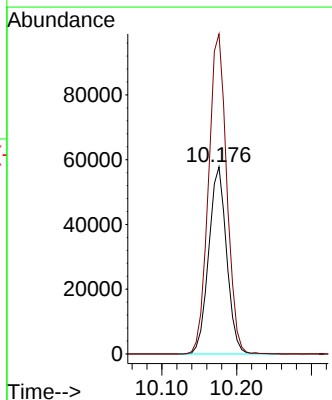
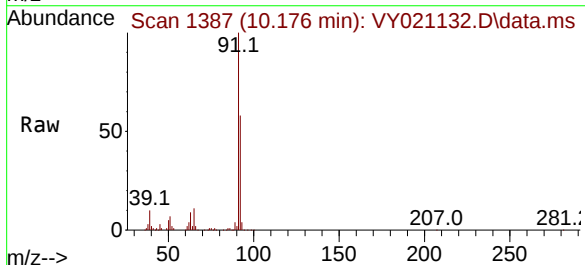
Instrument : MSVOA\_Y  
ClientSampleId : VY0207SBS01

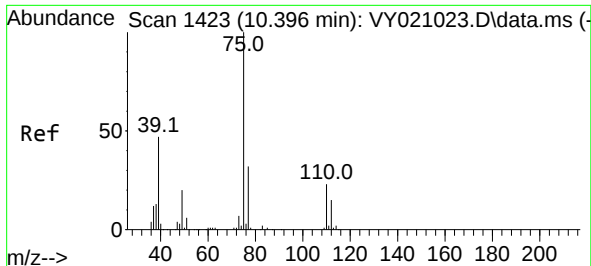
Tgt Ion: 43 Resp: 123974  
Ion Ratio Lower Upper  
43 100  
58 37.9 32.2 48.2



#52  
Toluene  
Concen: 18.755 ug/l  
RT: 10.176 min Scan# 1387  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 92 Resp: 96246  
Ion Ratio Lower Upper  
92 100  
91 174.6 137.6 206.4

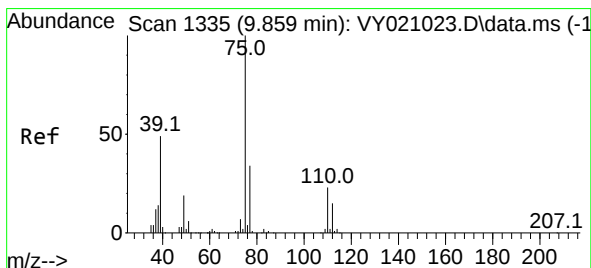
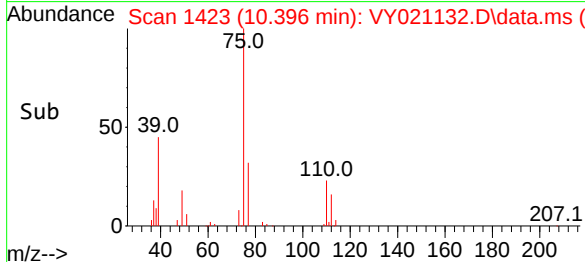
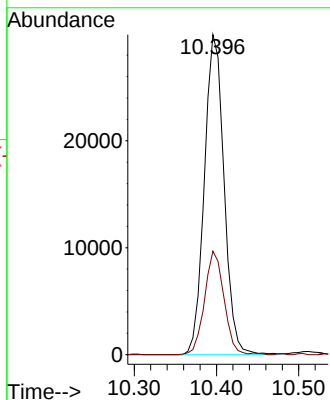
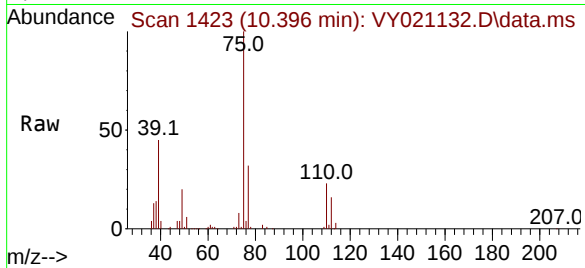




#53  
 t-1,3-Dichloropropene  
 Concen: 19.298 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

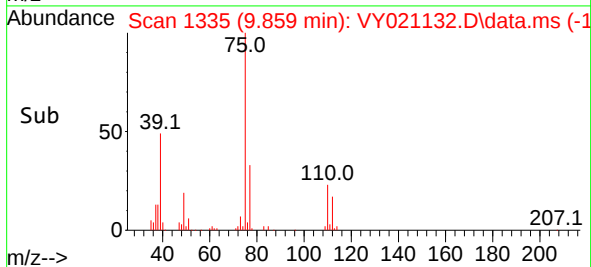
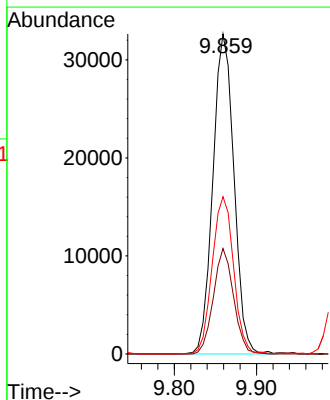
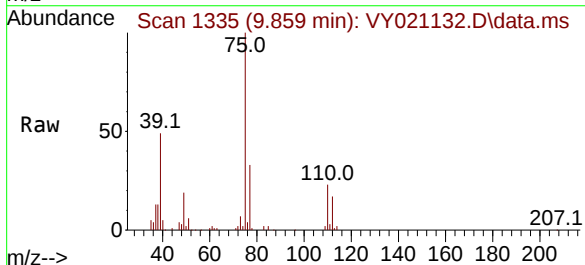
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

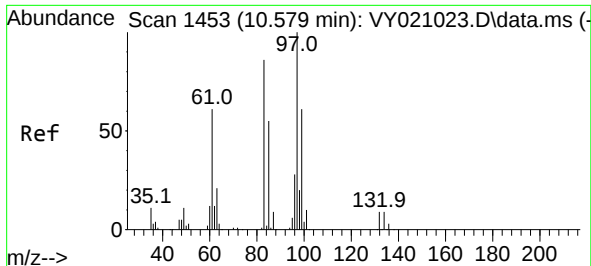
Tgt Ion: 75 Resp: 49912  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 24.6 36.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.998 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

Tgt Ion: 75 Resp: 58181  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 24.6 36.8  
 39 49.2 33.6 50.4

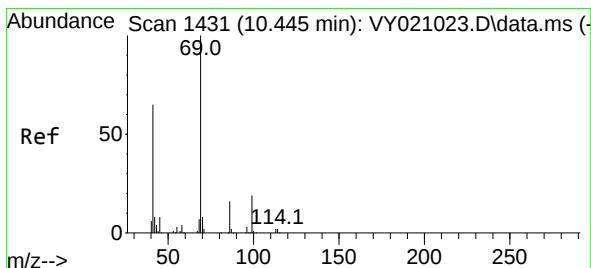
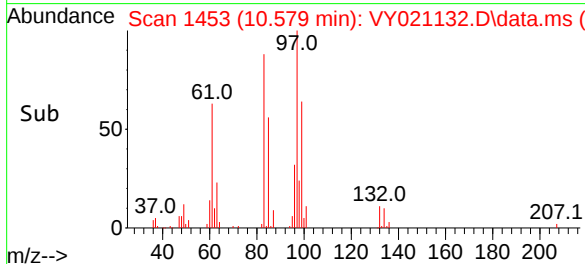
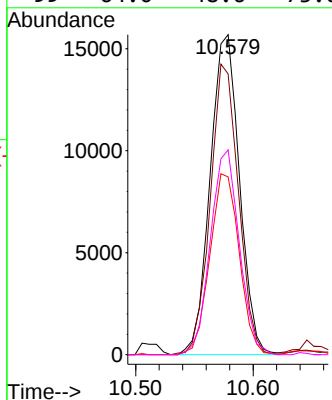
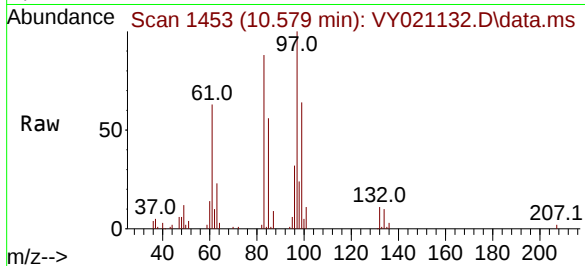




#55  
1,1,2-Trichloroethane  
Concen: 19.626 ug/l  
RT: 10.579 min Scan# 1453  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

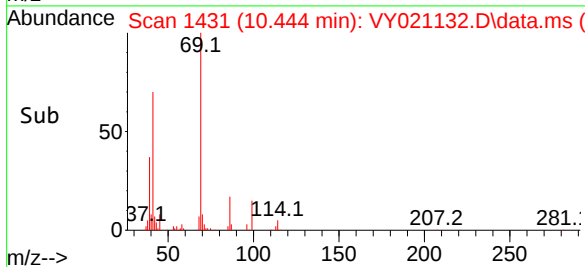
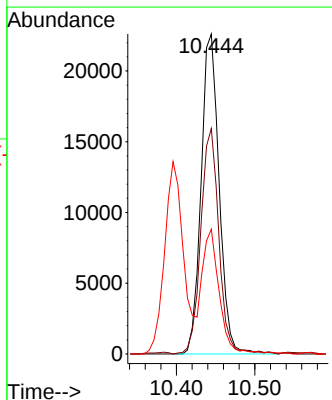
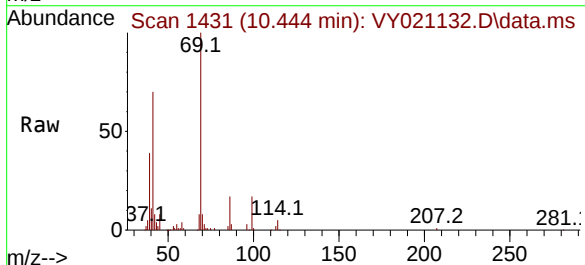
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

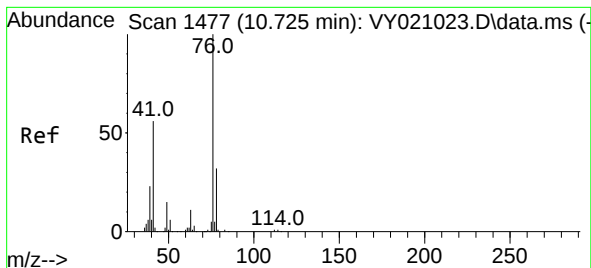
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 27296 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.2  | 69.4  | 104.2 |
| 85       | 55.5  | 43.9  | 65.9  |
| 99       | 64.0  | 48.6  | 73.0  |



#56  
Ethyl methacrylate  
Concen: 19.444 ug/l  
RT: 10.444 min Scan# 1431  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 36177 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 70.0  | 49.2  | 73.8  |
| 39       | 35.4  | 26.8  | 40.2  |





#57

1,3-Dichloropropane

Concen: 19.624 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

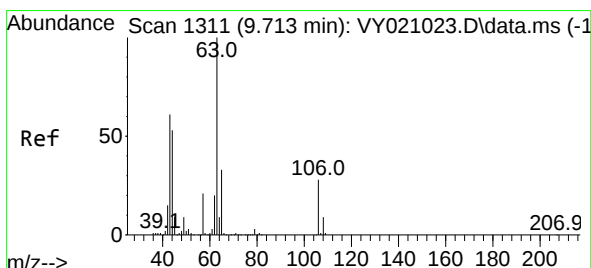
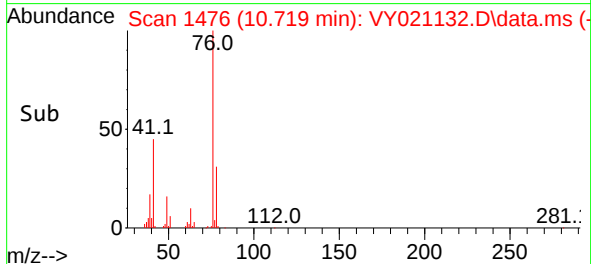
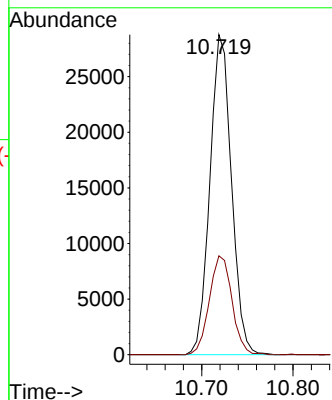
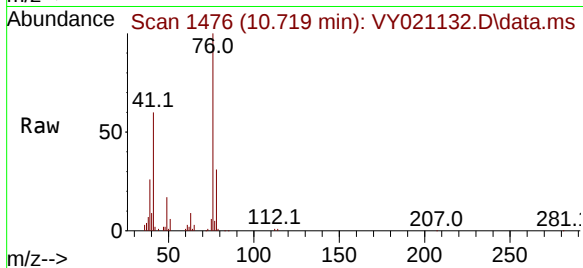
VY0207SBS01

Tgt Ion: 76 Resp: 47240

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 97.284 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY021132.D

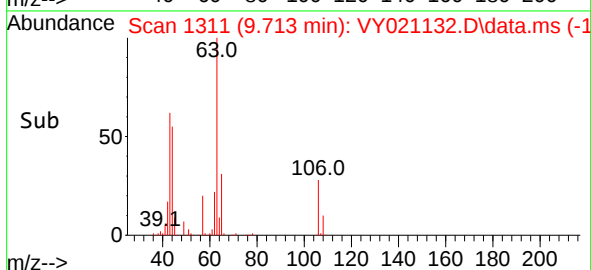
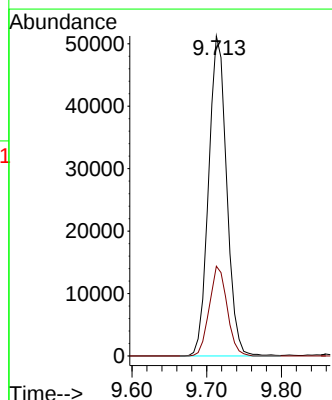
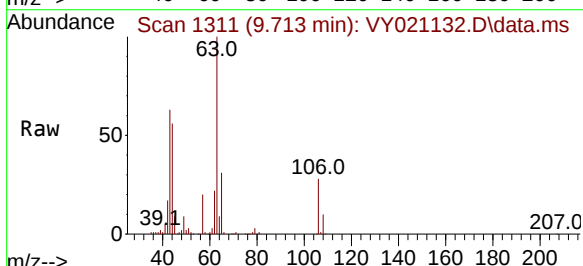
Acq: 07 Feb 2025 11:13

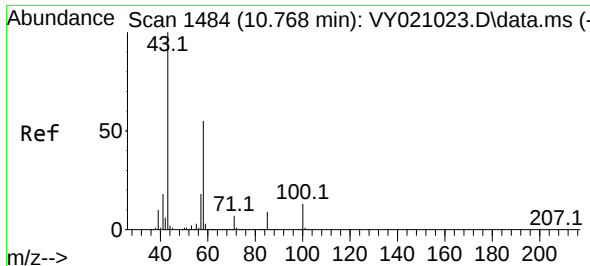
Tgt Ion: 63 Resp: 86112

Ion Ratio Lower Upper

63 100

106 27.6 22.4 33.6

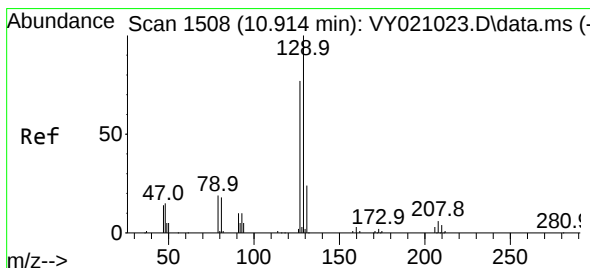
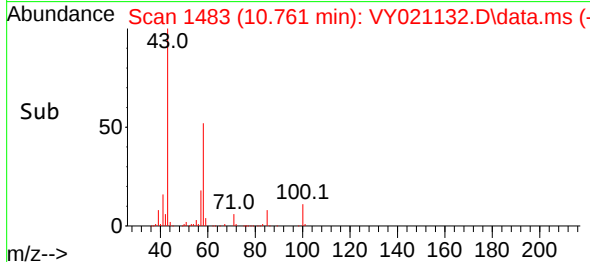
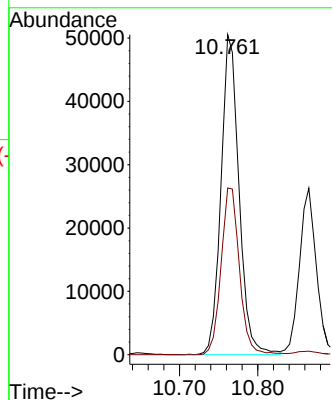
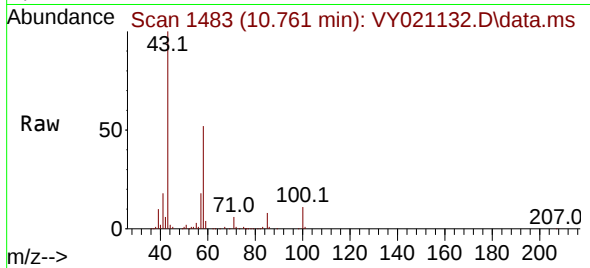




#59  
2-Hexanone  
Concen: 102.856 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

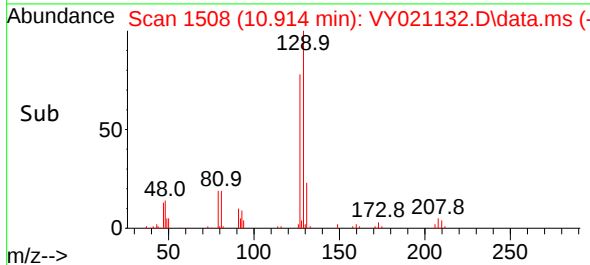
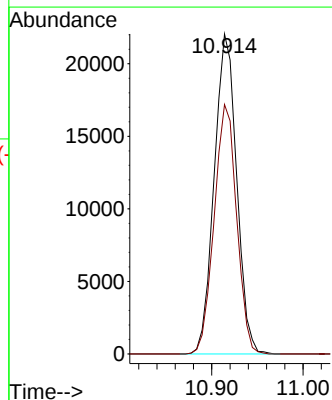
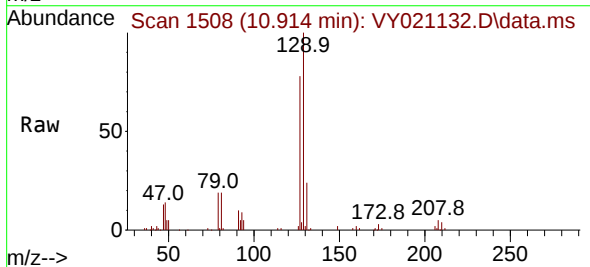
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

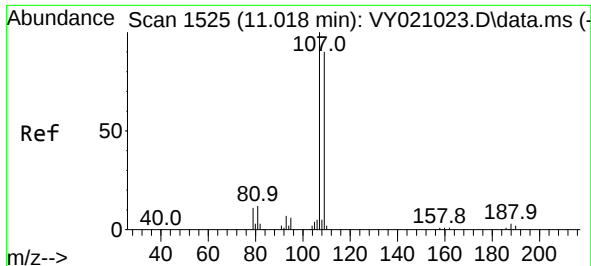
Tgt Ion: 43 Resp: 80844  
Ion Ratio Lower Upper  
43 100  
58 53.2 28.1 84.3



#60  
Dibromochloromethane  
Concen: 19.249 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion:129 Resp: 37596  
Ion Ratio Lower Upper  
129 100  
127 78.1 39.2 117.6

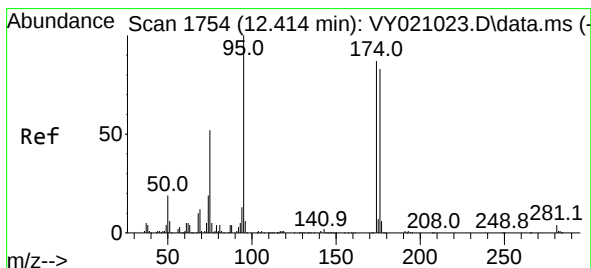
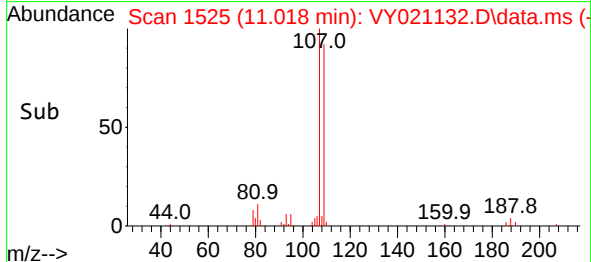
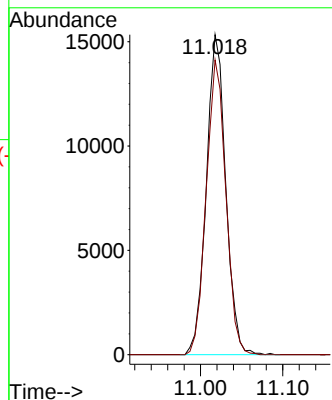
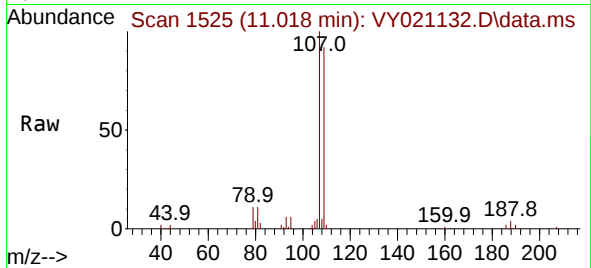




#61  
1,2-Dibromoethane  
Concen: 19.324 ug/l  
RT: 11.018 min Scan# 1525  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

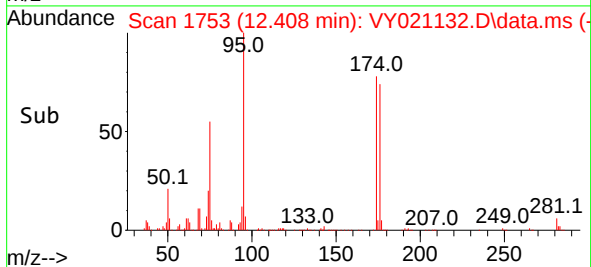
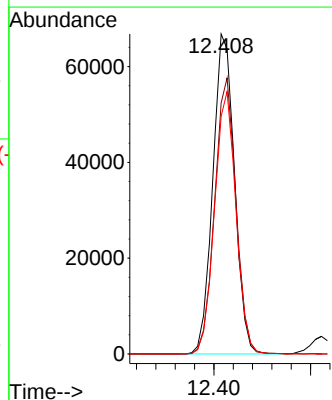
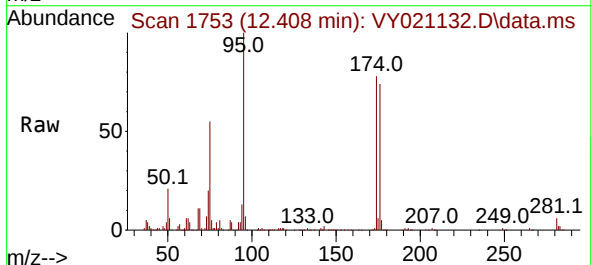
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

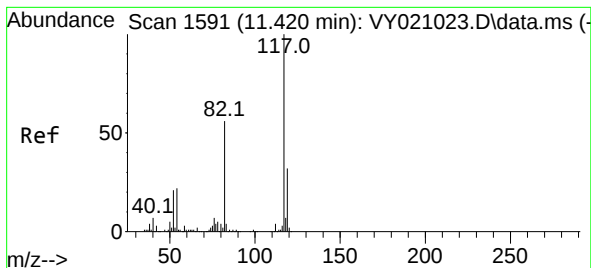
Tgt Ion:107 Resp: 25174  
Ion Ratio Lower Upper  
107 100  
109 93.0 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 44.386 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 95 Resp: 103797  
Ion Ratio Lower Upper  
95 100  
174 85.0 0.0 160.0  
176 81.0 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

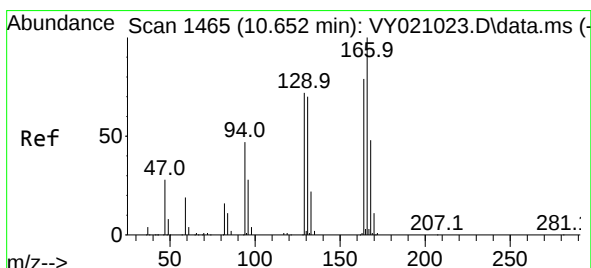
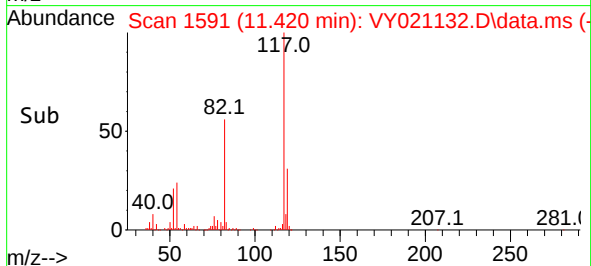
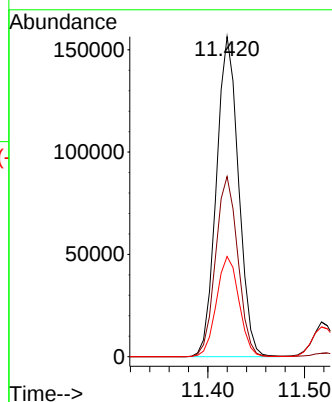
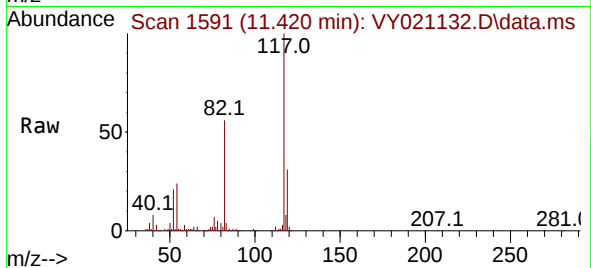
Tgt Ion:117 Resp: 248895

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.3 26.5 39.7



#64

Tetrachloroethene

Concen: 18.253 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Tgt Ion:164 Resp: 33725

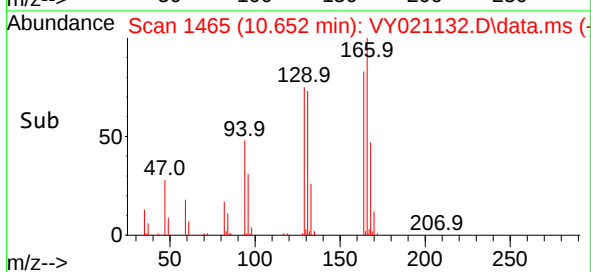
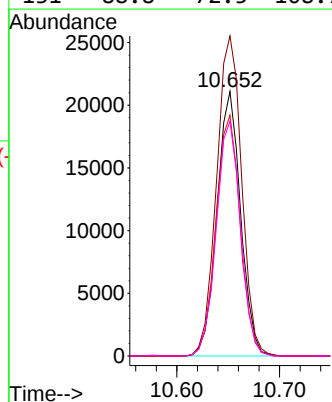
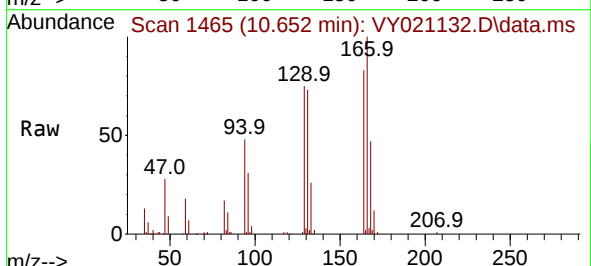
Ion Ratio Lower Upper

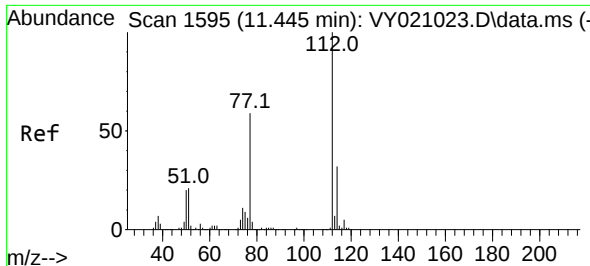
164 100

166 121.0 98.8 148.2

129 91.0 78.9 118.3

131 88.8 72.5 108.7

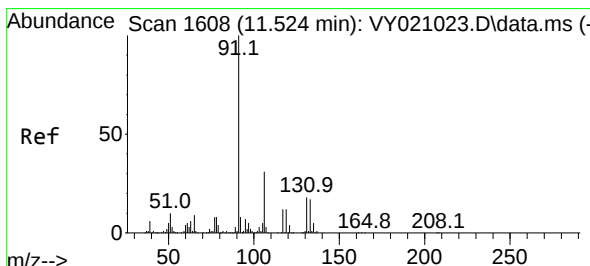
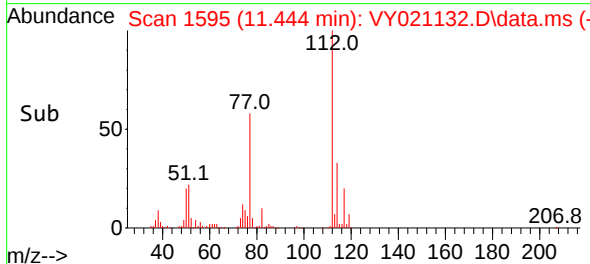
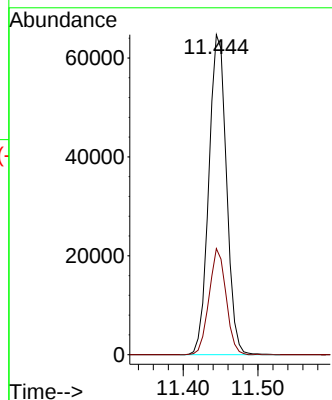
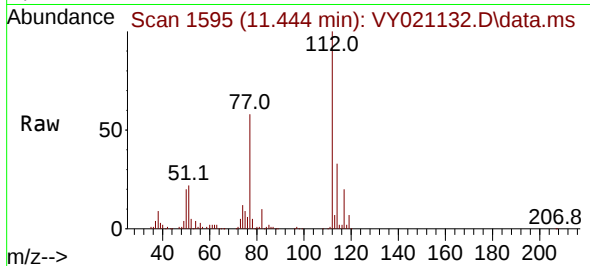




#65  
Chlorobenzene  
Concen: 19.122 ug/l  
RT: 11.444 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

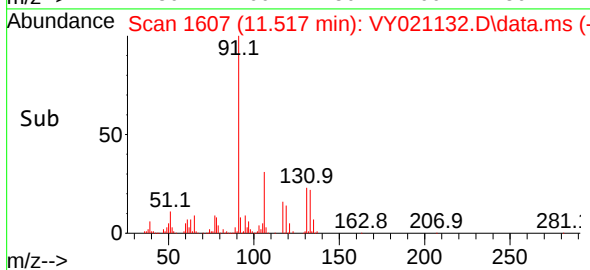
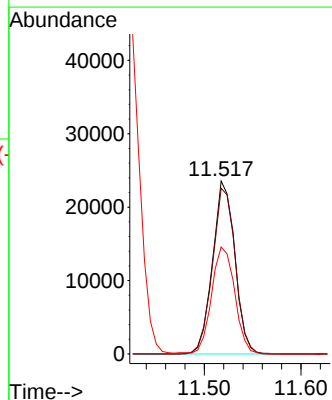
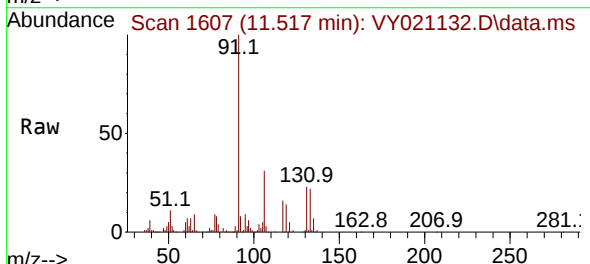
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

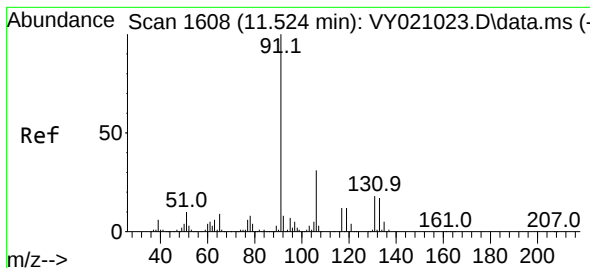
Tgt Ion:112 Resp: 105975  
Ion Ratio Lower Upper  
112 100  
114 33.1 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.129 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion:131 Resp: 37674  
Ion Ratio Lower Upper  
131 100  
133 98.3 47.0 141.0  
119 64.5 33.3 99.9

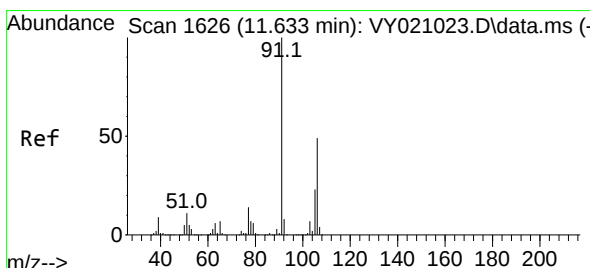
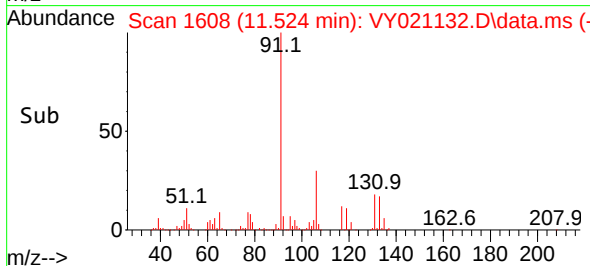
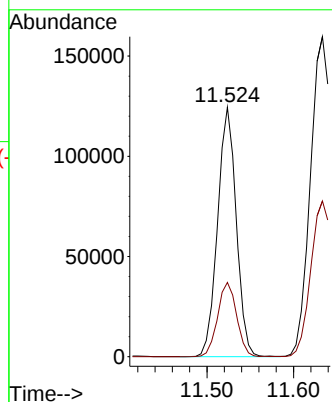
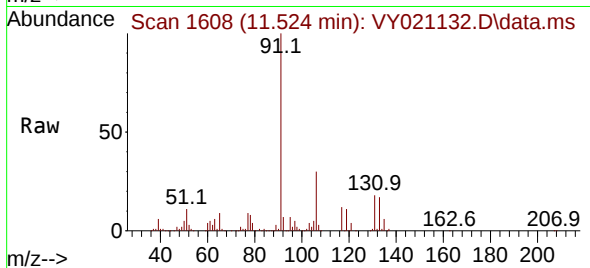




#67  
Ethyl Benzene  
Concen: 18.995 ug/l  
RT: 11.524 min Scan# 1608  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

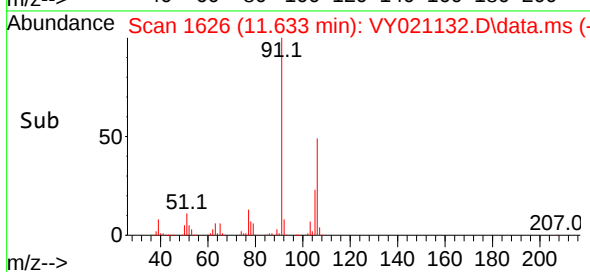
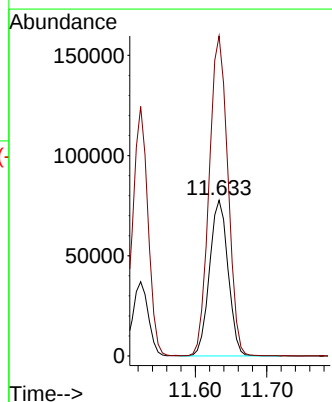
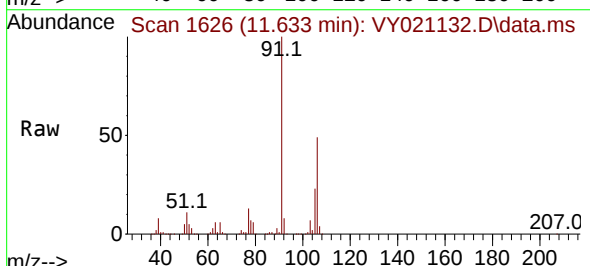
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

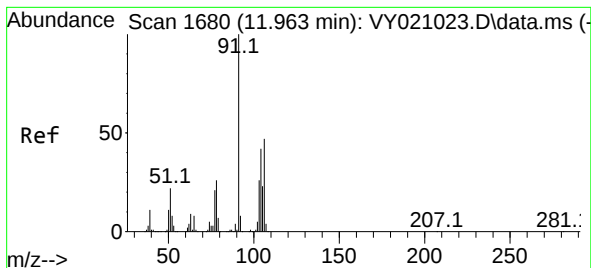
Tgt Ion: 91 Resp: 186196  
Ion Ratio Lower Upper  
91 100  
106 29.8 25.0 37.4



#68  
m/p-Xylenes  
Concen: 38.213 ug/l  
RT: 11.633 min Scan# 1626  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion:106 Resp: 140132  
Ion Ratio Lower Upper  
106 100  
91 207.5 160.7 241.1





#69

o-Xylene

Concen: 19.303 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

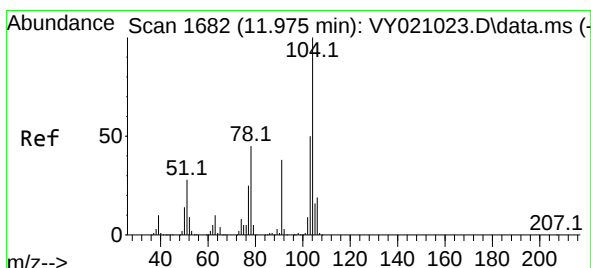
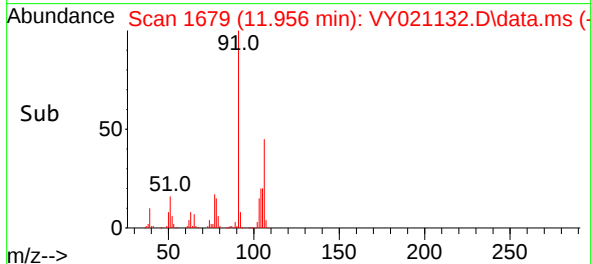
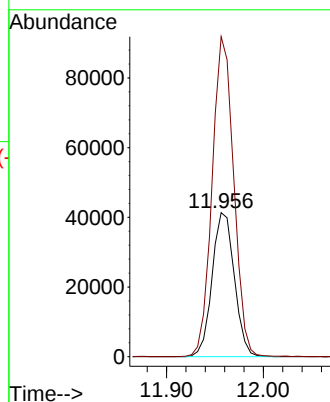
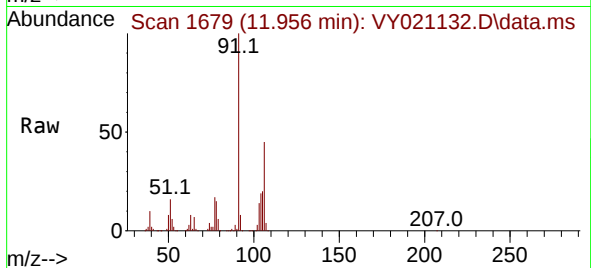
VY0207SBS01

Tgt Ion:106 Resp: 65995

Ion Ratio Lower Upper

106 100

91 216.3 106.5 319.5



#70

Styrene

Concen: 19.631 ug/l

RT: 11.975 min Scan# 1682

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

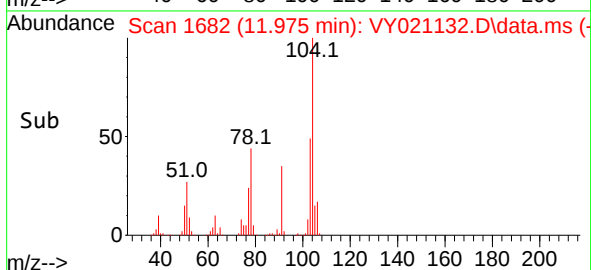
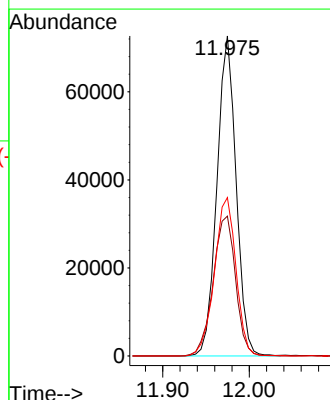
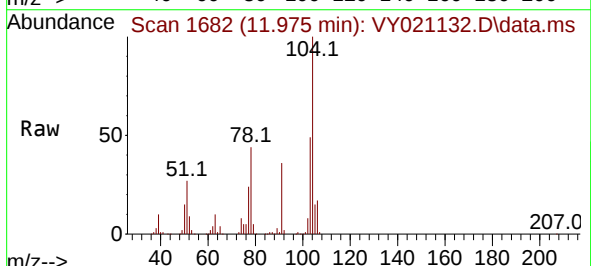
Tgt Ion:104 Resp: 111864

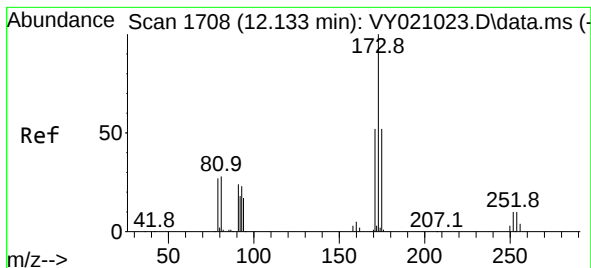
Ion Ratio Lower Upper

104 100

78 51.2 39.2 58.8

103 55.6 43.8 65.6





#71

Bromoform

Concen: 20.376 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

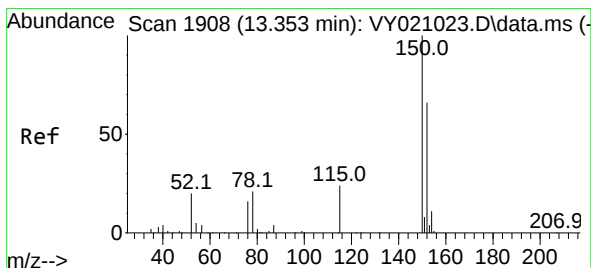
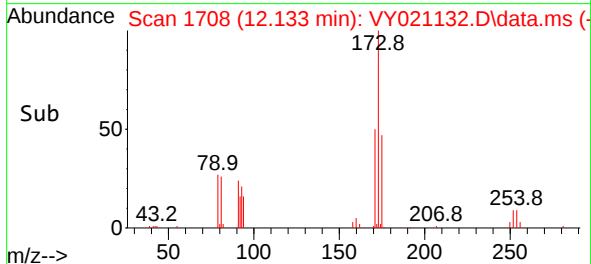
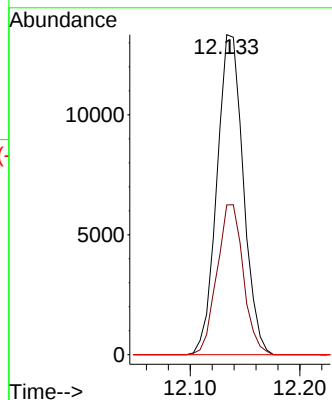
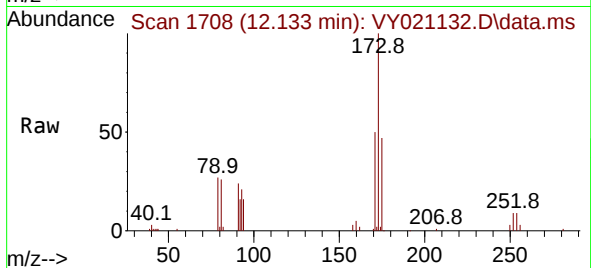
Tgt Ion:173 Resp: 22337

Ion Ratio Lower Upper

173 100

175 46.9 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

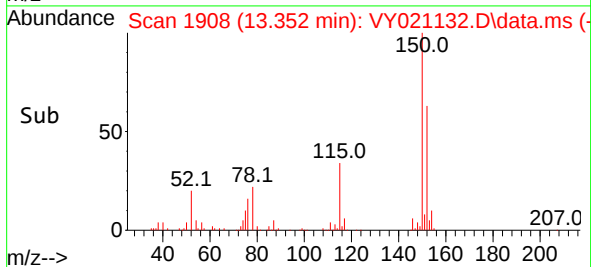
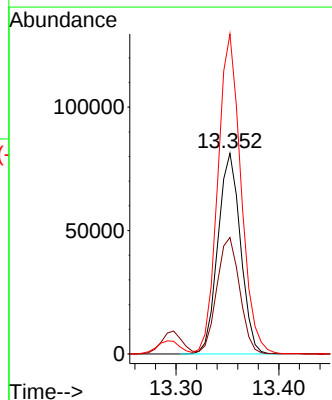
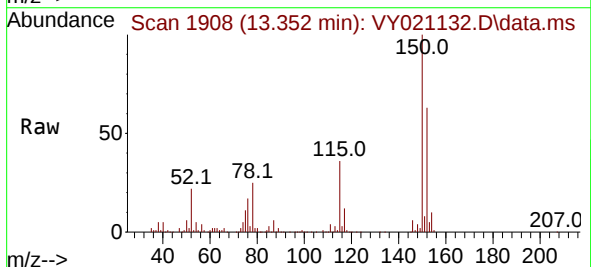
Tgt Ion:152 Resp: 123887

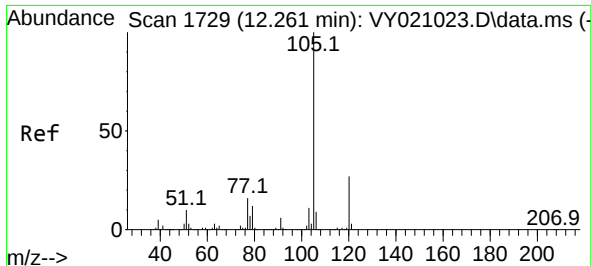
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 163.8 0.0 344.6

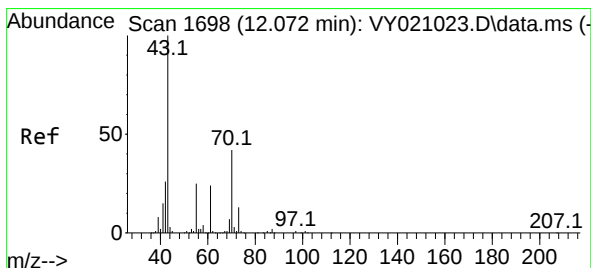
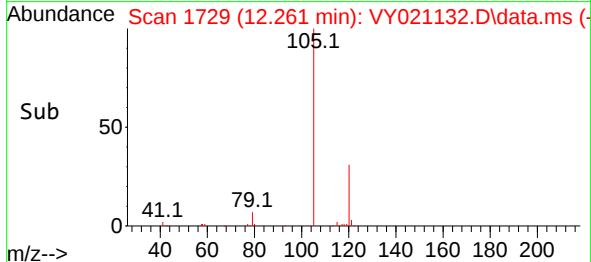
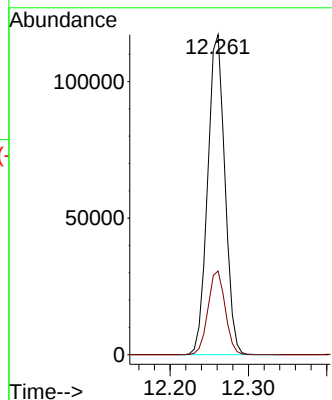
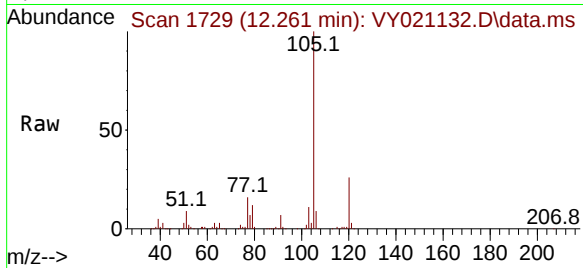




#73  
Isopropylbenzene  
Concen: 18.466 ug/l  
RT: 12.261 min Scan# 1729  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

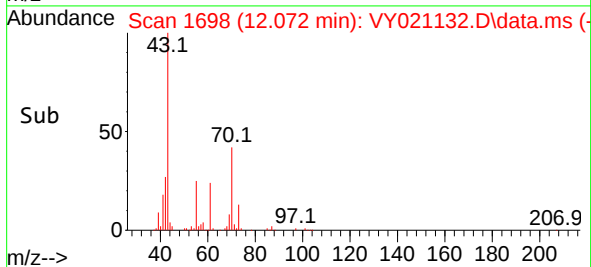
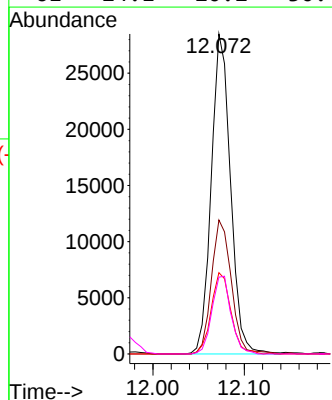
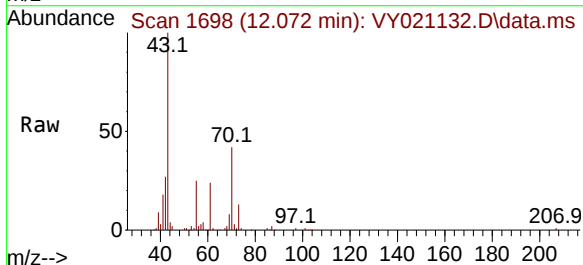
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

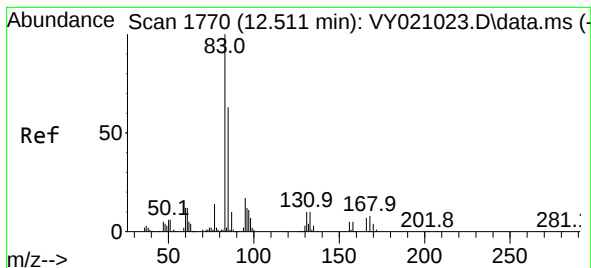
Tgt Ion:105 Resp: 178698  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.0 39.0



#74  
N-ethyl acetate  
Concen: 19.697 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 43 Resp: 41674  
Ion Ratio Lower Upper  
43 100  
70 43.0 36.6 55.0  
55 25.9 22.2 33.4  
61 24.1 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.242 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

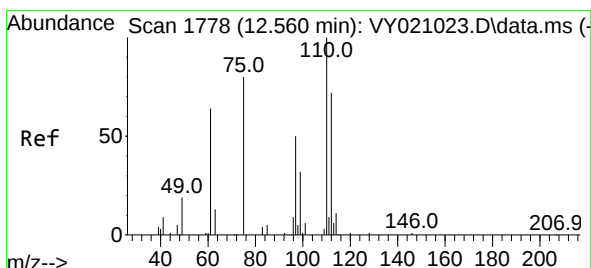
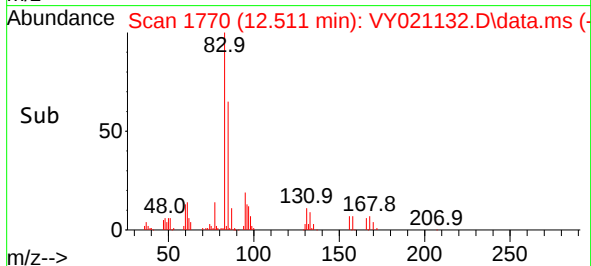
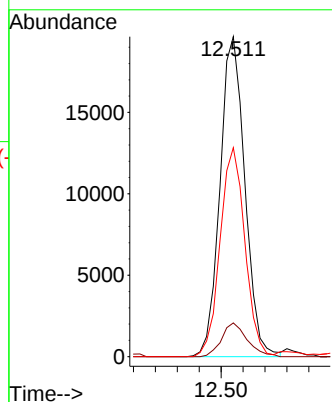
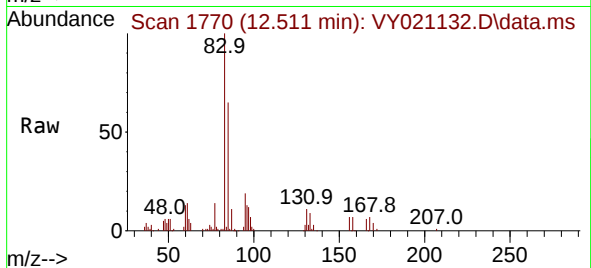
Tgt Ion: 83 Resp: 30969

Ion Ratio Lower Upper

83 100

131 10.9 4.9 14.6

85 65.1 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 37.498 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY021132.D

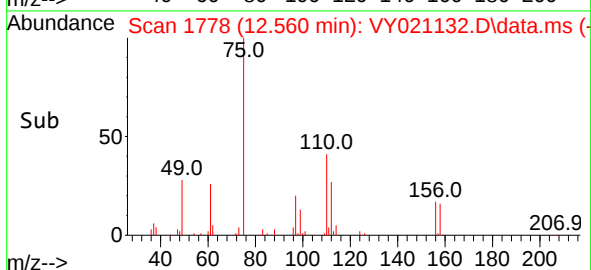
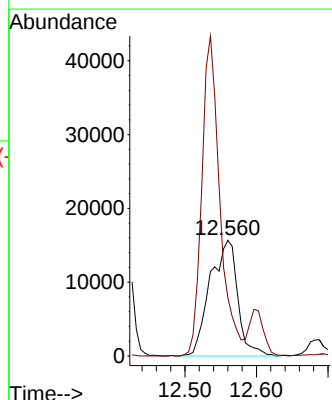
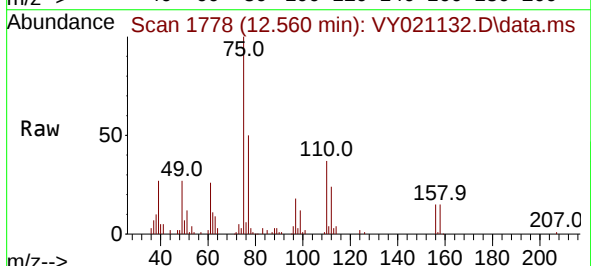
Acq: 07 Feb 2025 11:13

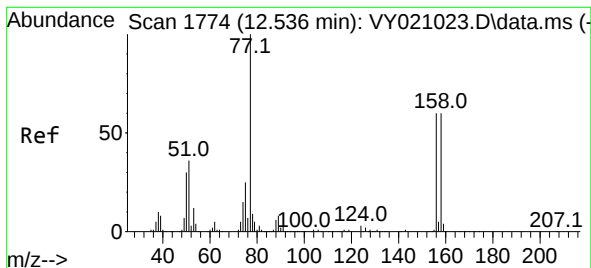
Tgt Ion: 75 Resp: 42140

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.528 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

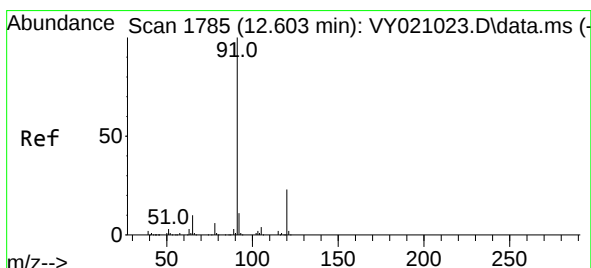
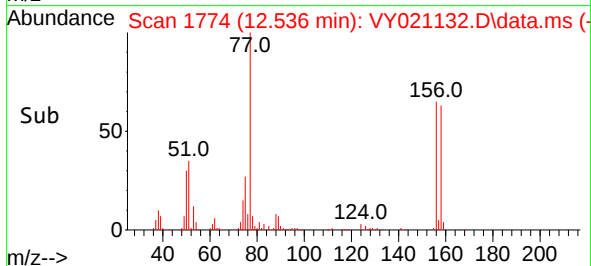
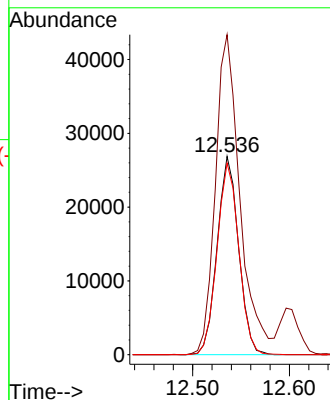
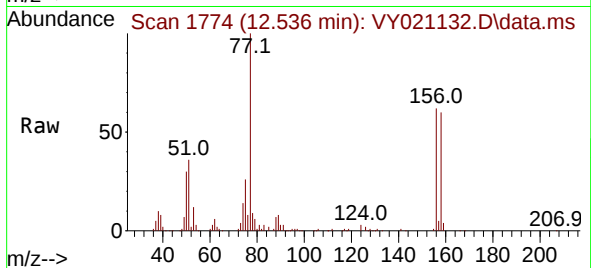
Tgt Ion:156 Resp: 41376

Ion Ratio Lower Upper

156 100

77 183.6 97.3 291.8

158 98.0 48.4 145.0



#78

n-propylbenzene

Concen: 18.850 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VY021132.D

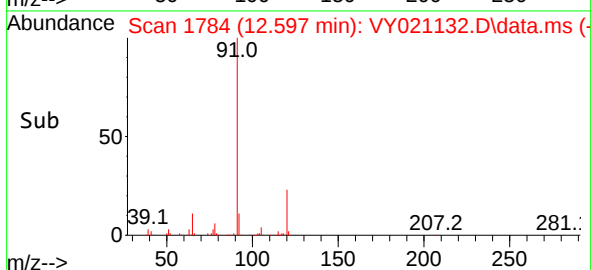
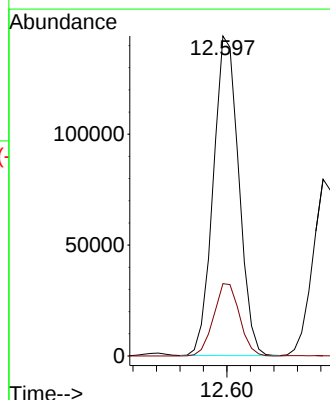
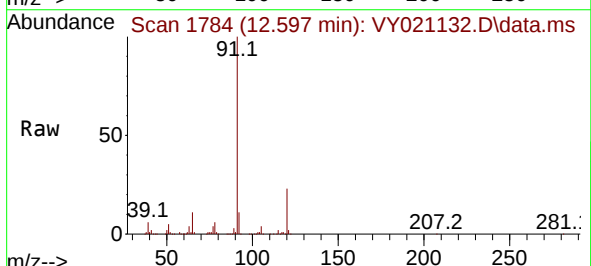
Acq: 07 Feb 2025 11:13

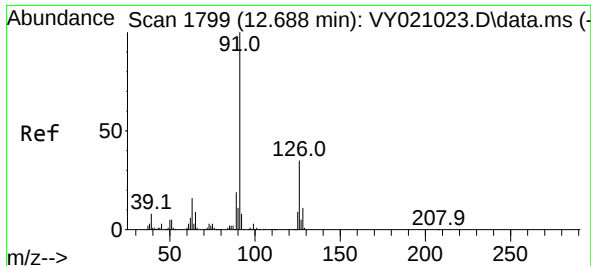
Tgt Ion: 91 Resp: 217301

Ion Ratio Lower Upper

91 100

120 22.9 11.0 33.0

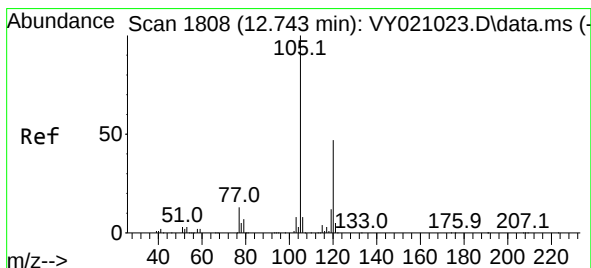
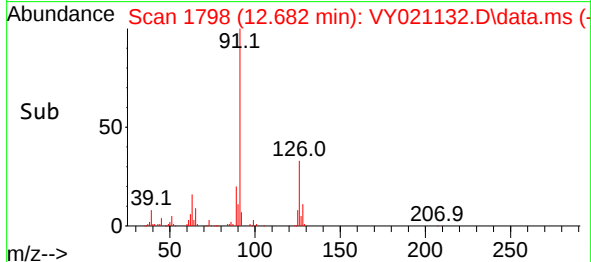
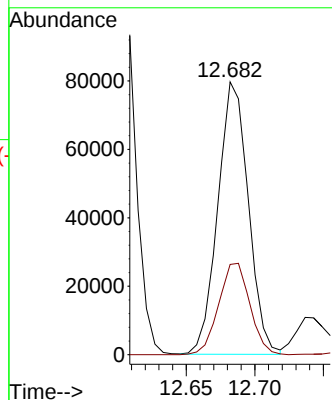
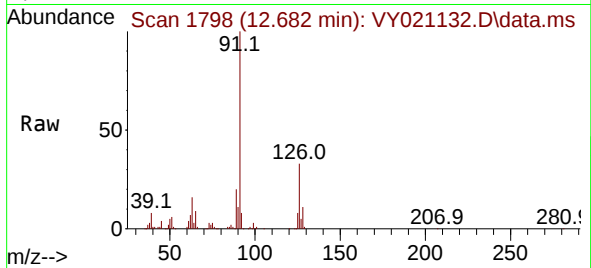




#79  
2-Chlorotoluene  
Concen: 18.697 ug/l  
RT: 12.682 min Scan# 1799  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

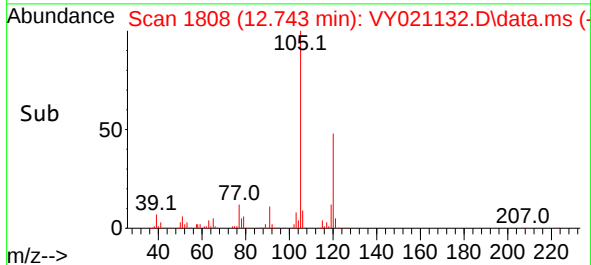
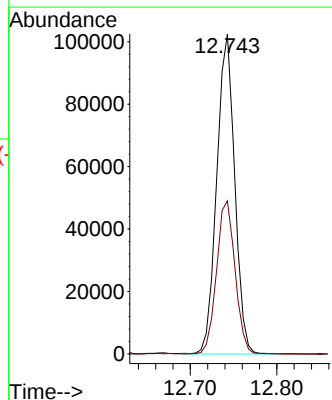
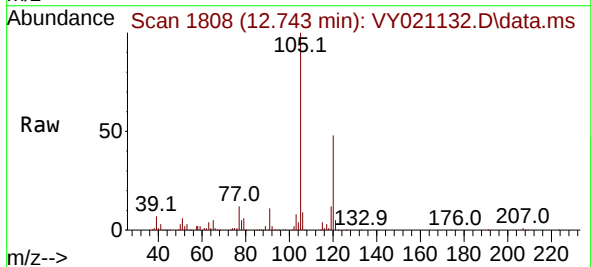
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

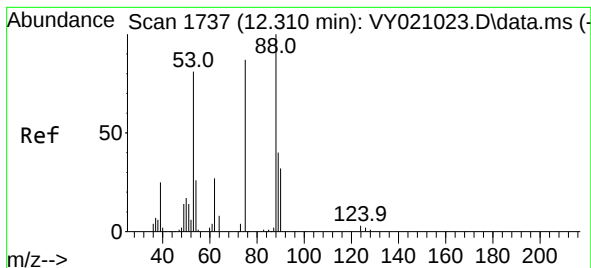
Tgt Ion: 91 Resp: 123446  
Ion Ratio Lower Upper  
91 100  
126 34.3 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 18.805 ug/l  
RT: 12.743 min Scan# 1808  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 105 Resp: 147542  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.3 72.8

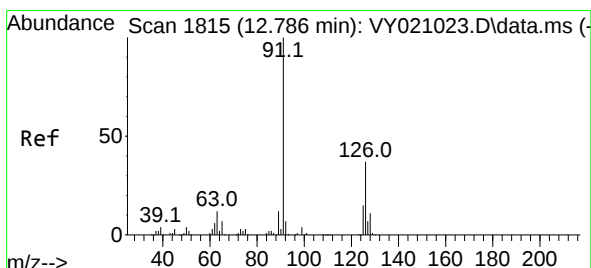
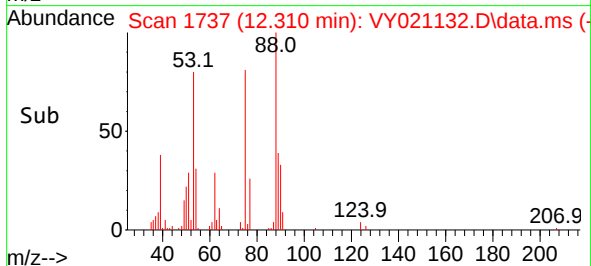
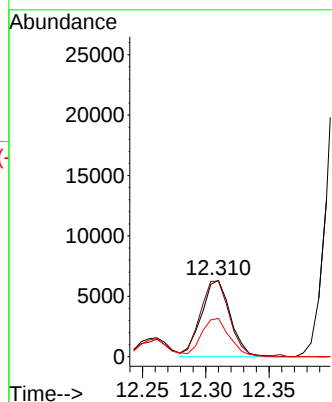
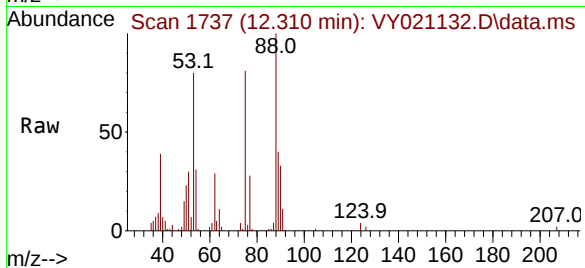




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.231 ug/l  
RT: 12.310 min Scan# 1737  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

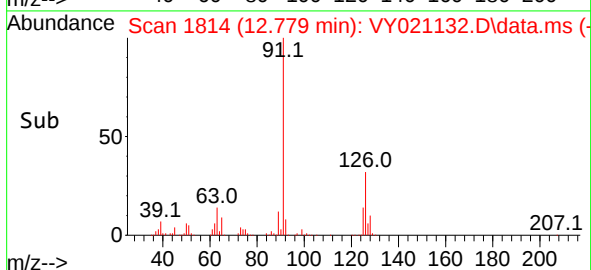
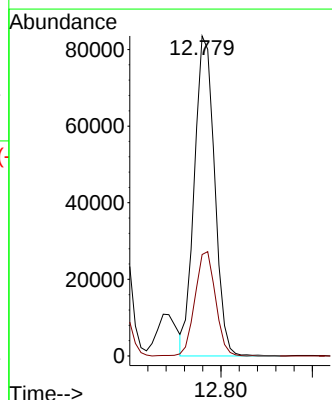
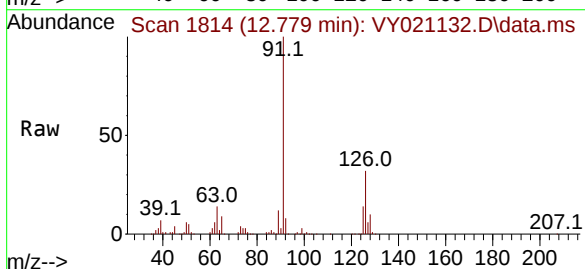
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

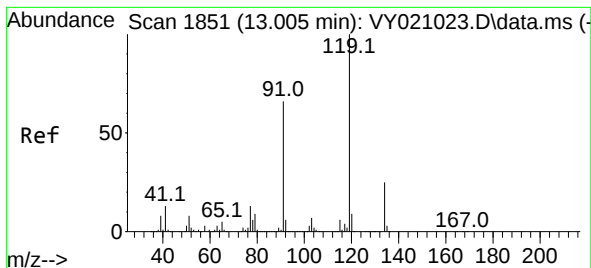
Tgt Ion: 75 Resp: 10041  
Ion Ratio Lower Upper  
75 100  
53 98.0 74.0 111.0  
89 48.3 36.5 54.7



#82  
4-Chlorotoluene  
Concen: 19.077 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. -0.006 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion: 91 Resp: 128335  
Ion Ratio Lower Upper  
91 100  
126 33.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 19.215 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

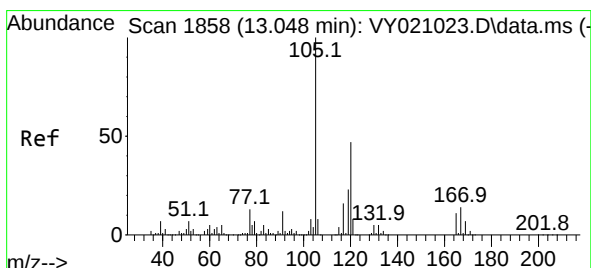
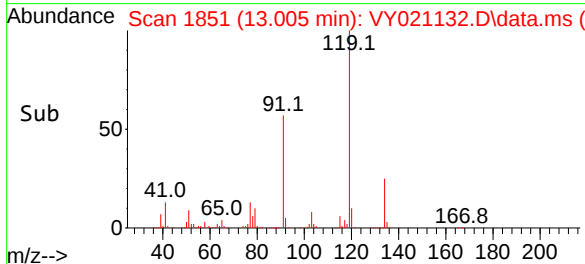
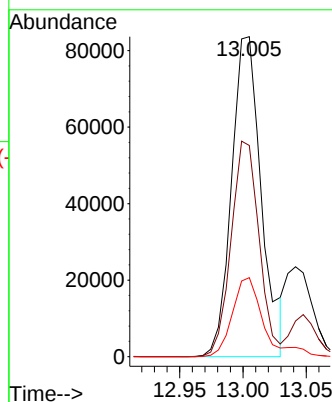
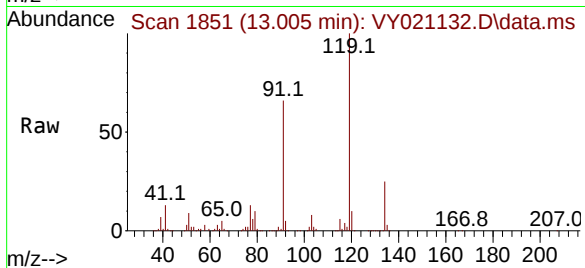
Tgt Ion:119 Resp: 137035

Ion Ratio Lower Upper

119 100

91 63.5 31.5 94.5

134 25.8 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 19.236 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VY021132.D

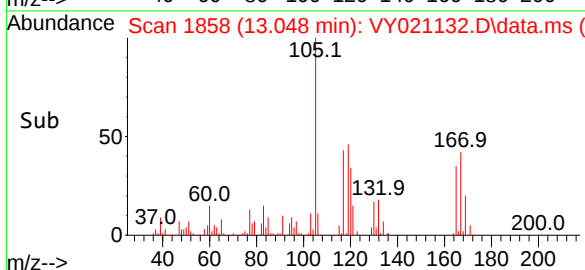
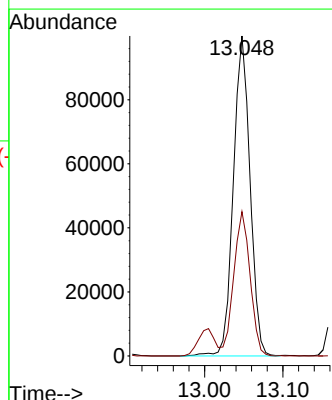
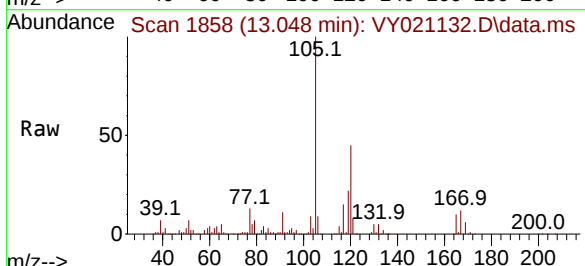
Acq: 07 Feb 2025 11:13

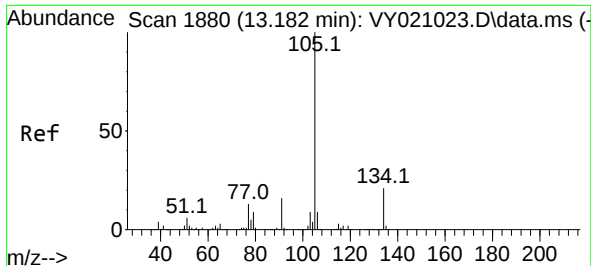
Tgt Ion:105 Resp: 147568

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3

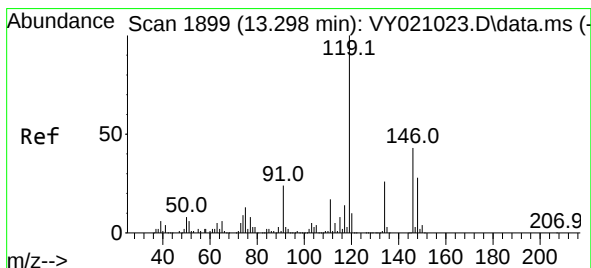
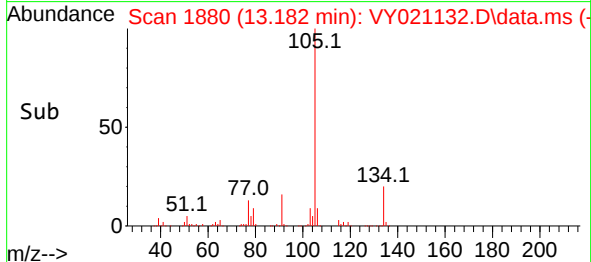
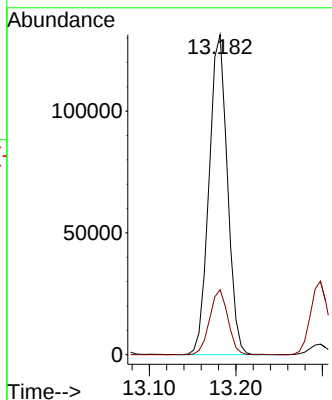
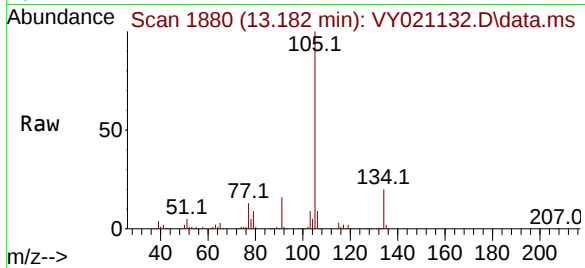




#85  
 sec-Butylbenzene  
 Concen: 18.836 ug/l  
 RT: 13.182 min Scan# 1880  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

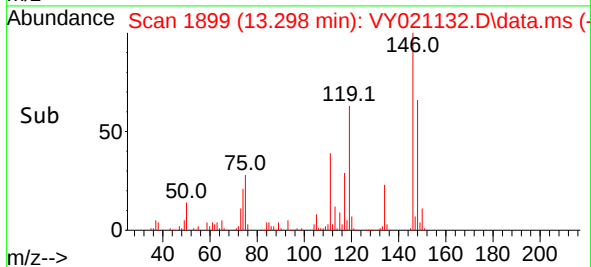
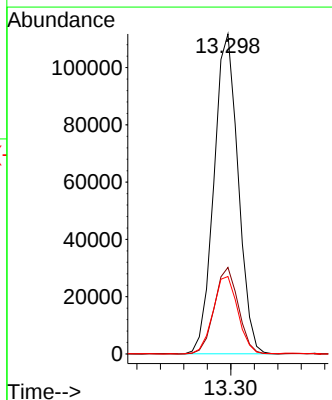
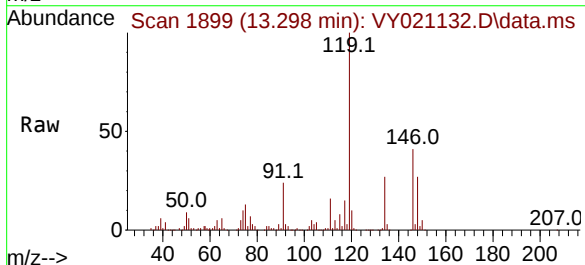
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0207SBS01

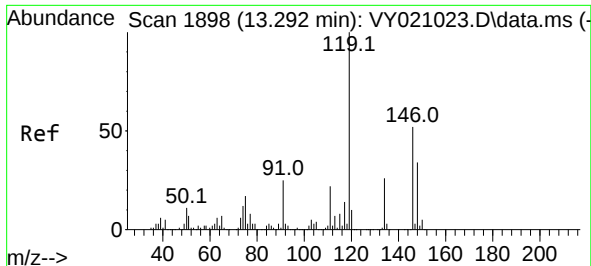
Tgt Ion:105 Resp: 193366  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 18.777 ug/l  
 RT: 13.298 min Scan# 1899  
 Delta R.T. -0.000 min  
 Lab File: VY021132.D  
 Acq: 07 Feb 2025 11:13

Tgt Ion:119 Resp: 160120  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.1 39.1  
 91 24.9 11.7 35.0

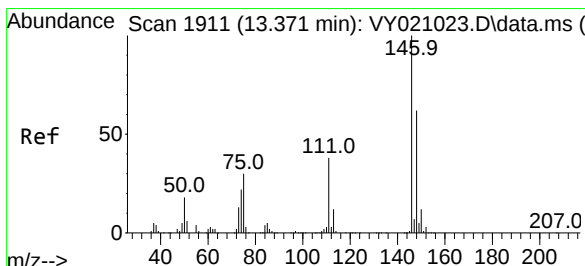
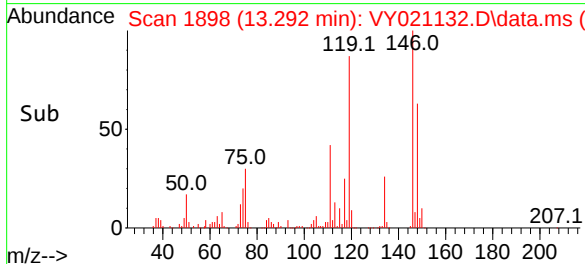
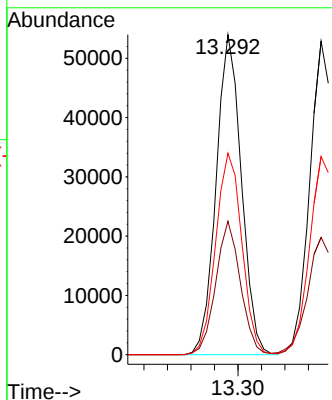
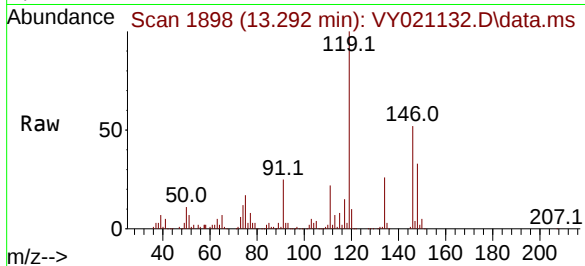




#87  
1,3-Dichlorobenzene  
Concen: 18.714 ug/l  
RT: 13.292 min Scan# 1898  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

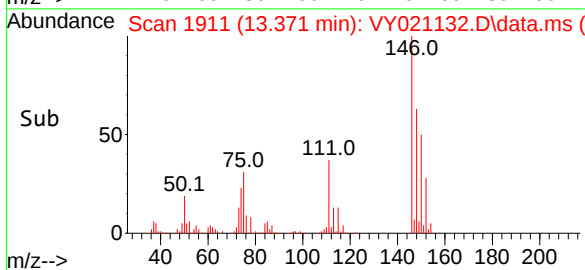
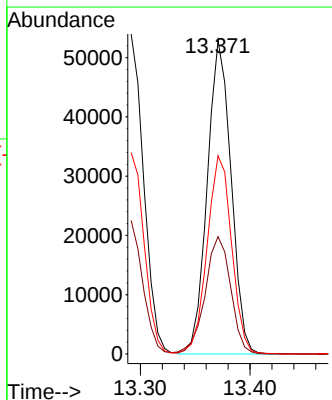
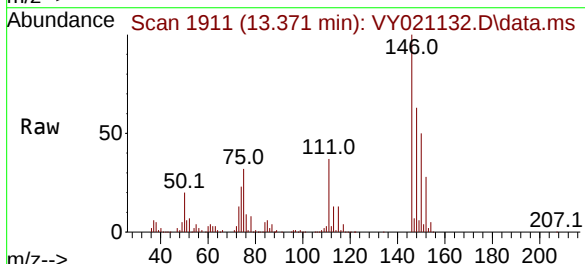
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

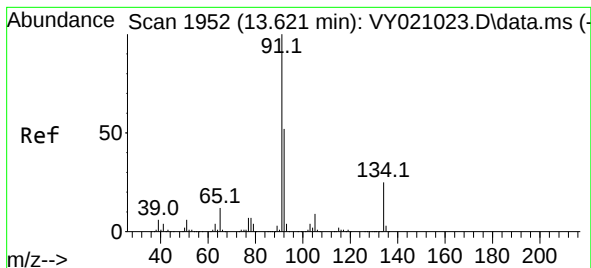
Tgt Ion:146 Resp: 80694  
Ion Ratio Lower Upper  
146 100  
111 40.8 20.2 60.5  
148 65.3 31.9 95.9



#88  
1,4-Dichlorobenzene  
Concen: 18.825 ug/l  
RT: 13.371 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Tgt Ion:146 Resp: 79923  
Ion Ratio Lower Upper  
146 100  
111 40.1 19.3 57.9  
148 65.1 31.6 94.7





#89

n-Butylbenzene

Concen: 19.064 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

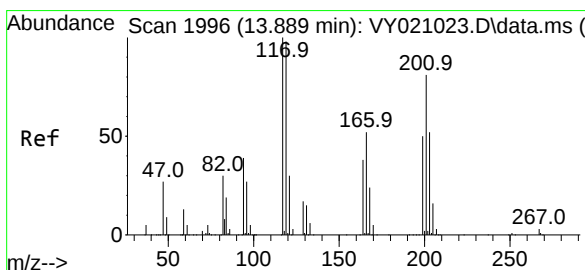
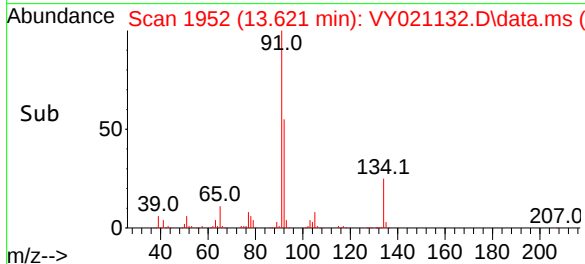
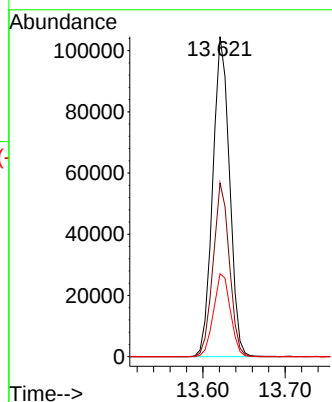
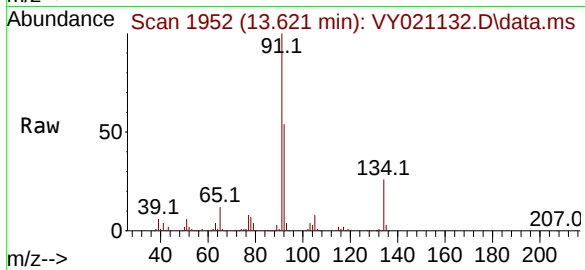
Tgt Ion: 91 Resp: 148310

Ion Ratio Lower Upper

91 100

92 52.5 26.4 79.2

134 26.1 12.3 36.8



#90

Hexachloroethane

Concen: 18.569 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.006 min

Lab File: VY021132.D

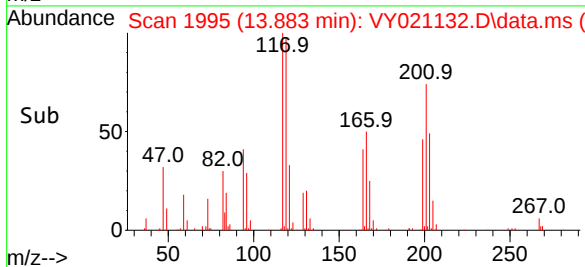
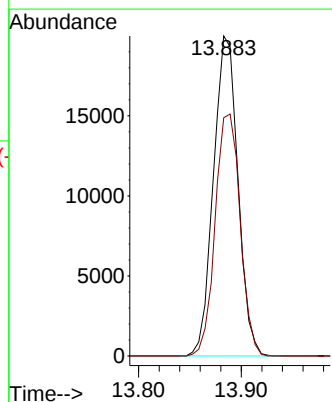
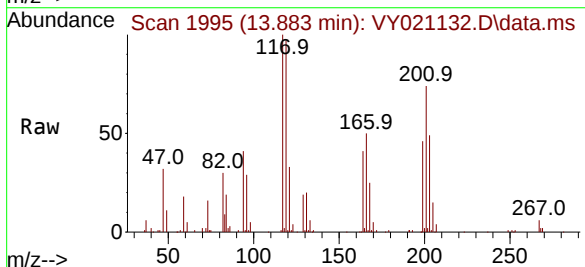
Acq: 07 Feb 2025 11:13

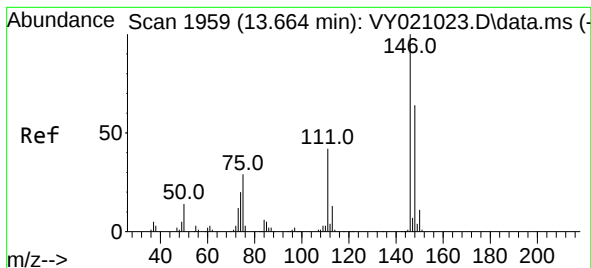
Tgt Ion: 117 Resp: 33034

Ion Ratio Lower Upper

117 100

201 77.0 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 19.404 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

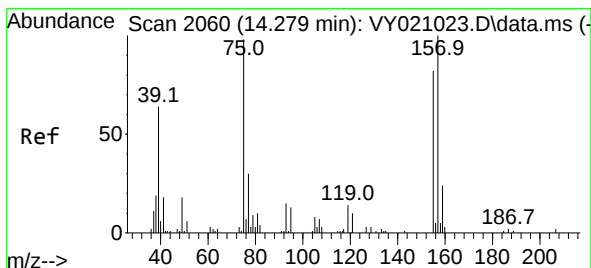
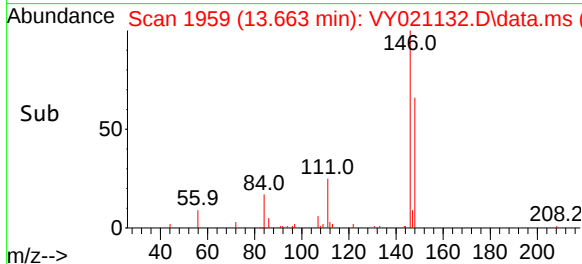
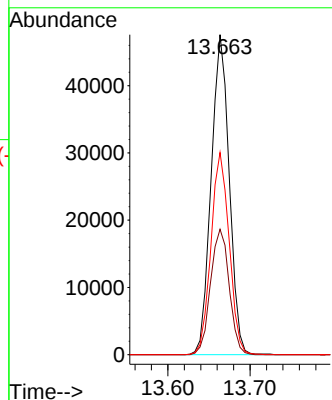
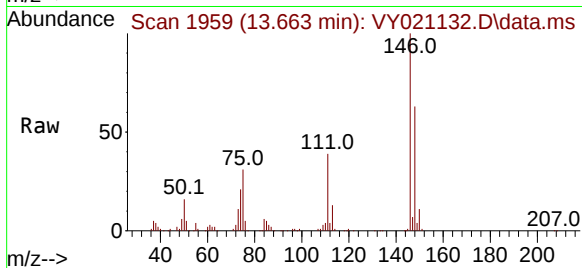
Tgt Ion:146 Resp: 72622

Ion Ratio Lower Upper

146 100

111 40.4 20.5 61.6

148 63.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.864 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

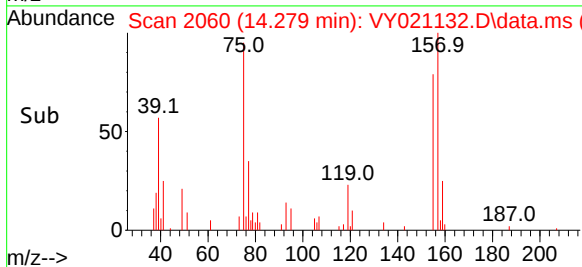
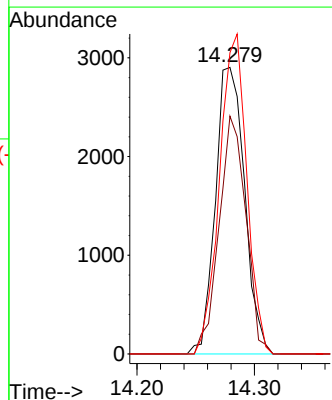
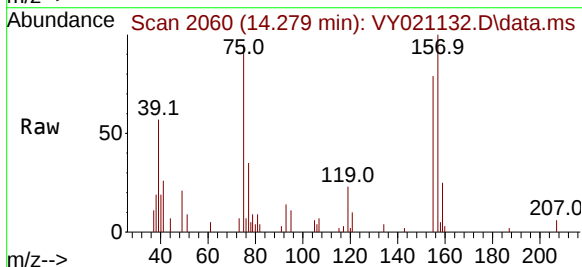
Tgt Ion: 75 Resp: 5018

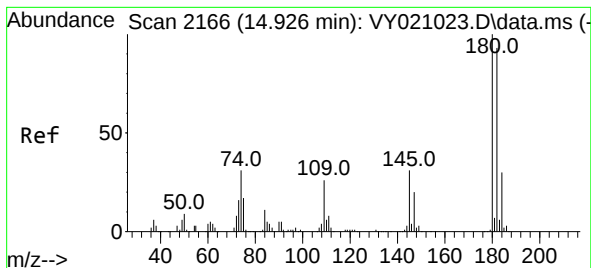
Ion Ratio Lower Upper

75 100

155 76.4 42.1 126.3

157 104.3 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.629 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

Instrument :

MSVOA\_Y

ClientSampleId :

VY0207SBS01

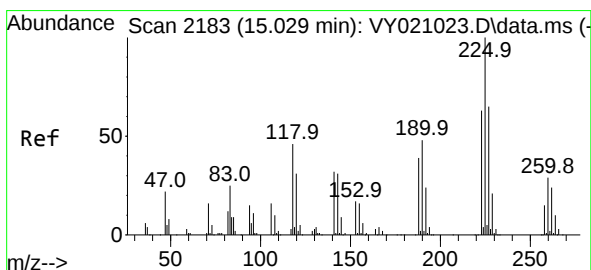
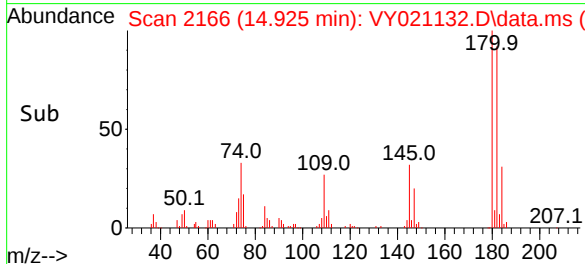
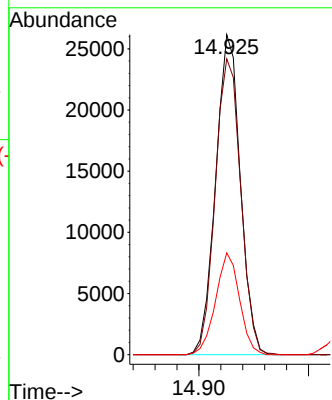
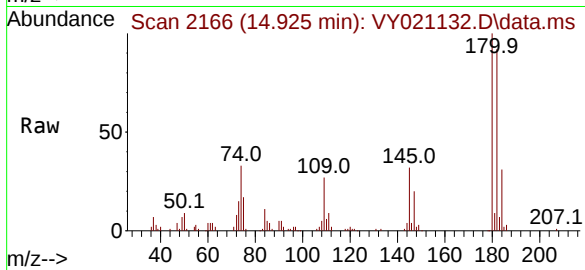
Tgt Ion:180 Resp: 40892

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 30.8 15.9 47.7



#94

Hexachlorobutadiene

Concen: 19.485 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY021132.D

Acq: 07 Feb 2025 11:13

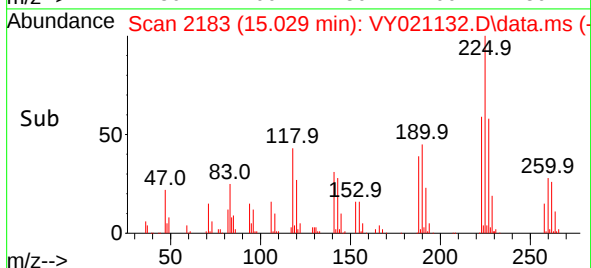
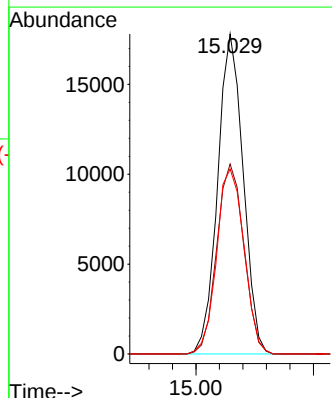
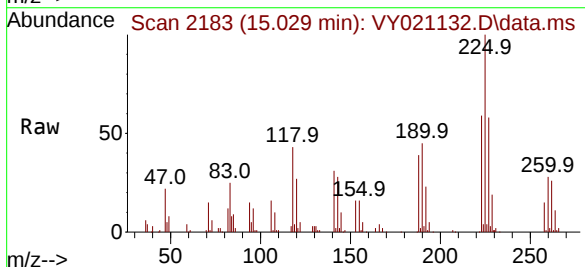
Tgt Ion:225 Resp: 26899

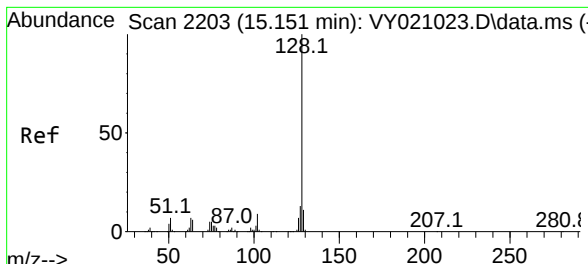
Ion Ratio Lower Upper

225 100

223 62.7 31.4 94.3

227 62.0 32.3 96.8

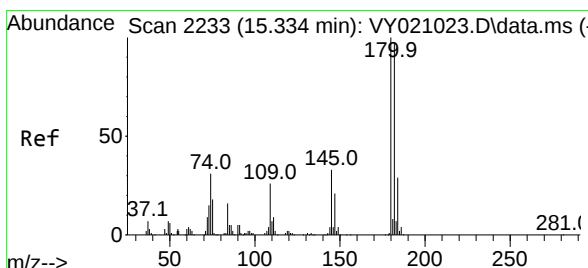
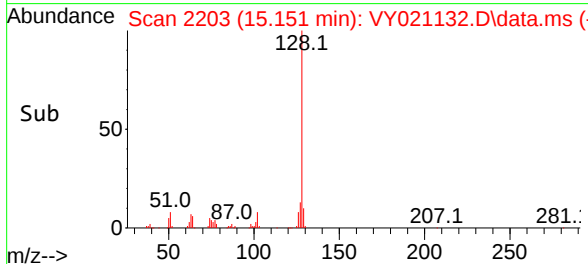
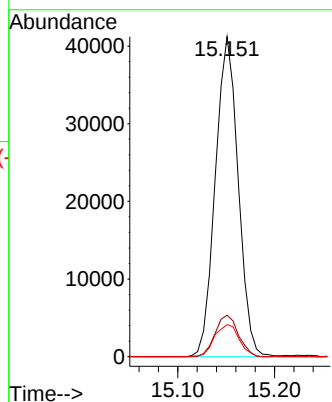
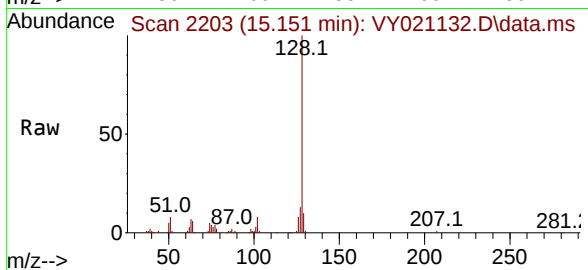




#95  
Naphthalene  
Concen: 20.296 ug/l  
RT: 15.151 min Scan# 2115  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0207SBS01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 67643 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 127       | 13.1  | 10.2  | 15.4  |
| 129       | 10.8  | 8.6   | 12.8  |



#96  
1,2,3-Trichlorobenzene  
Concen: 20.056 ug/l  
RT: 15.334 min Scan# 2233  
Delta R.T. -0.000 min  
Lab File: VY021132.D  
Acq: 07 Feb 2025 11:13

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 34771 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.6  | 46.3  | 138.8 |
| 145       | 32.3  | 16.1  | 48.2  |

