

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032525\  
 Data File : VY021631.D  
 Acq On : 25 Mar 2025 12:59  
 Operator : SY/MD  
 Sample : VY0325SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBSD01

Quant Time: Mar 26 01:36:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 175250   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 281285   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 248863   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 132727   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 107798   | 58.197   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 116.400% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 101432   | 54.860   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 109.720% |      |
| 50) Toluene-d8              | 10.103 | 98    | 364657   | 52.089   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 104.180% |      |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 126684   | 53.199   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 106.400% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.861 | 85  | 31100  | 19.338  | ug/l   | 99  |
| 3) Chloromethane             | 2.068 | 50  | 43910  | 19.366  | ug/l   | 95  |
| 4) Vinyl Chloride            | 2.202 | 62  | 51454  | 20.766  | ug/l   | 97  |
| 5) Bromomethane              | 2.586 | 94  | 37484  | 20.932  | ug/l   | 91  |
| 6) Chloroethane              | 2.732 | 64  | 36530  | 22.310  | ug/l   | 100 |
| 7) Trichlorofluoromethane    | 3.050 | 101 | 80238  | 23.201  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.458 | 74  | 21092  | 22.007  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 42860  | 21.706  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.001 | 142 | 40370  | 20.113  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.854 | 59  | 14514  | 107.689 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 36318  | 20.174  | ug/l   | 98  |
| 13) Acrolein                 | 3.647 | 56  | 9218   | 97.841  | ug/l   | 90  |
| 14) Allyl chloride           | 4.379 | 41  | 60332  | 20.738  | ug/l   | 98  |
| 15) Acrylonitrile            | 5.055 | 53  | 49015  | 120.137 | ug/l   | 99  |
| 16) Acetone                  | 3.873 | 43  | 38849  | 96.161  | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.104 | 76  | 90886  | 16.110  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.385 | 43  | 22666  | 25.285  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 103456 | 22.674  | ug/l   | 100 |
| 20) Methylene Chloride       | 4.616 | 84  | 47732  | 22.508  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 40210  | 19.945  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.019 | 45  | 141865 | 22.627  | ug/l   | 96  |
| 23) Vinyl Acetate            | 5.958 | 43  | 396966 | 110.943 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 82207  | 22.216  | ug/l   | 98  |
| 25) 2-Butanone               | 6.896 | 43  | 61405  | 109.877 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 66035  | 19.395  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 49580  | 21.648  | ug/l   | 97  |
| 28) Bromochloromethane       | 7.244 | 49  | 32306  | 20.825  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 40133  | 116.324 | ug/l   | 98  |
| 30) Chloroform               | 7.421 | 83  | 89027  | 23.170  | ug/l   | 97  |
| 31) Cyclohexane              | 7.695 | 56  | 62737  | 18.085  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 78223  | 22.234  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 56866  | 19.649  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.982 | 43  | 29252  | 22.868  | ug/l   | 99  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 68454  | 20.566  | ug/l   | 95  |
| 39) Methylcyclohexane        | 9.109 | 83  | 63072  | 17.767  | ug/l   | 99  |
| 40) Benzene                  | 8.079 | 78  | 176793 | 20.737  | ug/l   | 100 |

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 Sample : VY0325SBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

Quant Time: Mar 26 01:36:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.213  | 41   | 15940    | 22.885  | ug/l # | 91       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 52127    | 21.856  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.195  | 43   | 55391    | 22.306  | ug/l # | 88       |
| 44) Trichloroethene           | 8.866  | 130  | 45720    | 21.222  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 45034    | 22.194  | ug/l   | 95       |
| 46) Dibromomethane            | 9.231  | 93   | 25166    | 22.291  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.420  | 83   | 67725    | 22.588  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.219  | 41   | 25710    | 22.547  | ug/l   | 98       |
| 49) 1,4-Dioxane               | 9.225  | 88   | 5817     | 524.929 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 151557   | 118.288 | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 112490   | 20.928  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 56575    | 21.418  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 66385    | 21.167  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 34943    | 23.661  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 41533    | 22.051  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 57380    | 22.417  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 100684   | 115.799 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 99005    | 116.862 | ug/l   | 98       |
| 60) Dibromochloromethane      | 10.914 | 129  | 47032    | 23.230  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 31432    | 22.551  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.646 | 164  | 47781    | 23.611  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.438 | 112  | 123052   | 20.939  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 45685    | 21.988  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 207154   | 20.083  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.627 | 106  | 158239   | 40.408  | ug/l   | 100      |
| 69) o-Xylene                  | 11.956 | 106  | 73614    | 20.396  | ug/l   | 98       |
| 70) Styrene                   | 11.969 | 104  | 125909   | 21.029  | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 26976    | 23.226  | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.255 | 105  | 201024   | 19.227  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 48701    | 21.448  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 40336    | 21.862  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 51564    | 38.553  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 49891    | 20.397  | ug/l   | 100      |
| 78) n-propylbenzene           | 12.597 | 91   | 244887   | 19.286  | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 143314   | 19.739  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 166063   | 19.545  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 11105    | 18.875  | ug/l   | 96       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 147962   | 19.680  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 149683   | 19.748  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 168050   | 19.920  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 224391   | 19.897  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 182252   | 19.616  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 99930    | 20.524  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 97457    | 20.467  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.615 | 91   | 165833   | 19.329  | ug/l   | 100      |
| 90) Hexachloroethane          | 13.877 | 117  | 39726    | 20.043  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 88702    | 21.256  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 6507     | 23.544  | ug/l   | 92       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 49613    | 21.766  | ug/l   | 99       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 30756    | 21.526  | ug/l   | 98       |
| 95) Naphthalene               | 15.145 | 128  | 82996    | 23.510  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 43614    | 22.751  | ug/l   | 99       |

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Operator : SY/MD  
Sample : VY0325SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

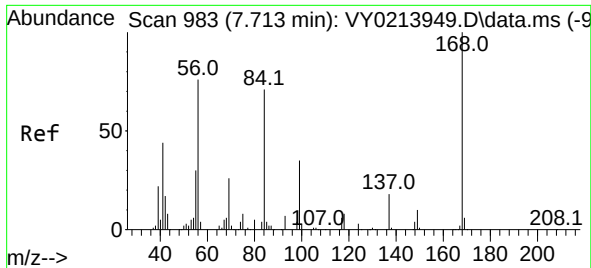
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

Quant Time: Mar 26 01:36:04 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 05 12:42:45 2025  
Response via : Initial Calibration

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

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

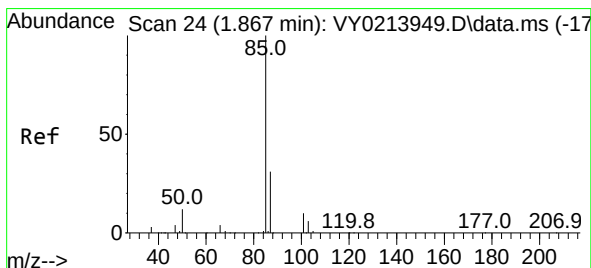
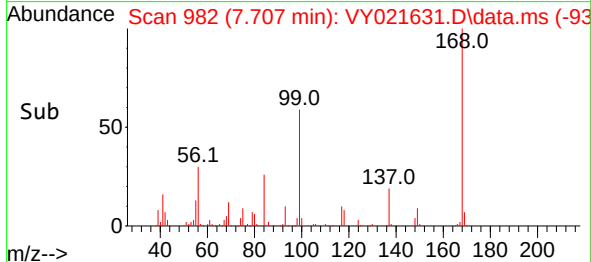
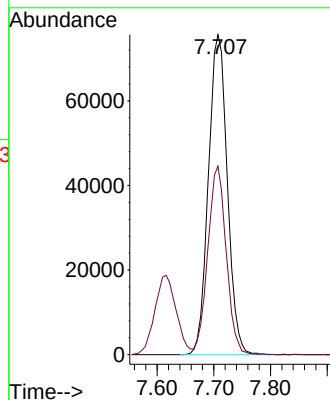
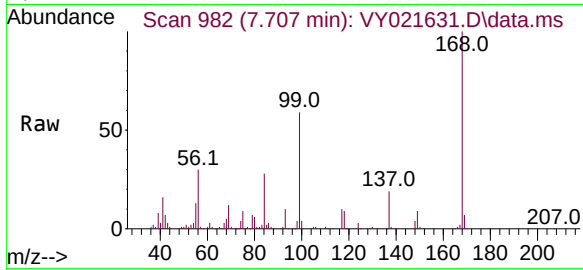




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

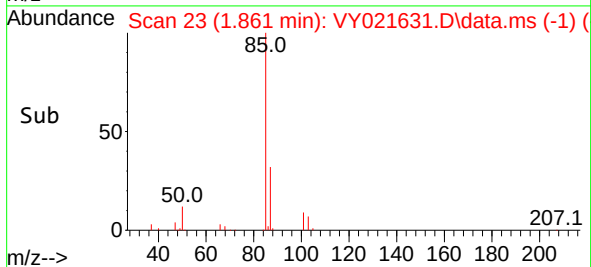
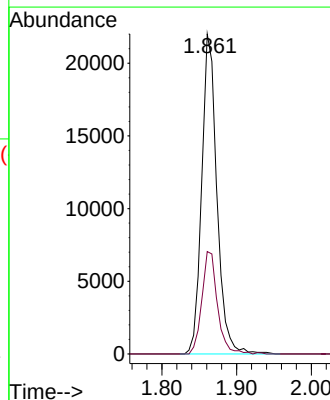
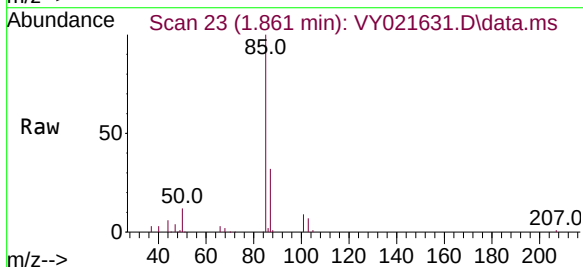
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

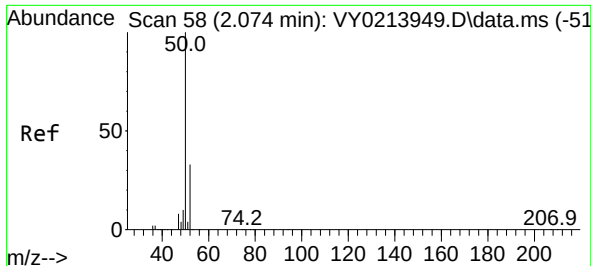
Tgt Ion:168 Resp: 175250  
Ion Ratio Lower Upper  
168 100  
99 58.9 46.0 69.0



#2  
Dichlorodifluoromethane  
Concen: 19.338 ug/l  
RT: 1.861 min Scan# 23  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 85 Resp: 31100  
Ion Ratio Lower Upper  
85 100  
87 32.0 15.7 47.0

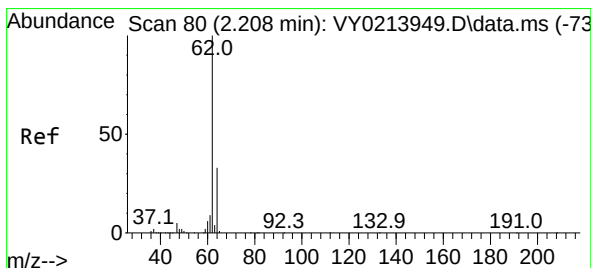
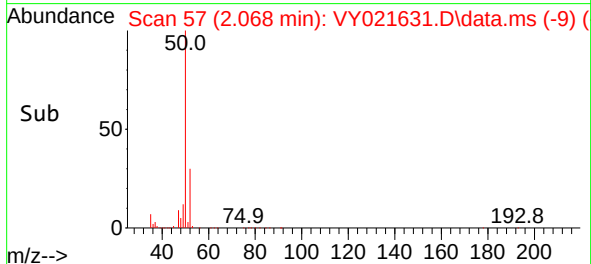
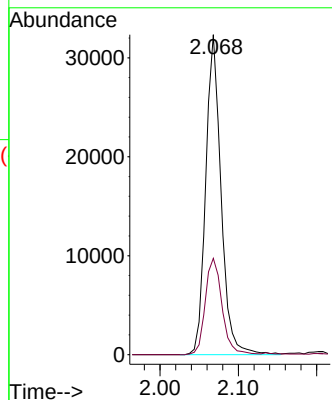
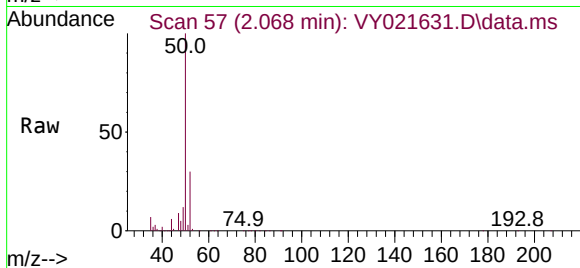




#3  
Chloromethane  
Concen: 19.366 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

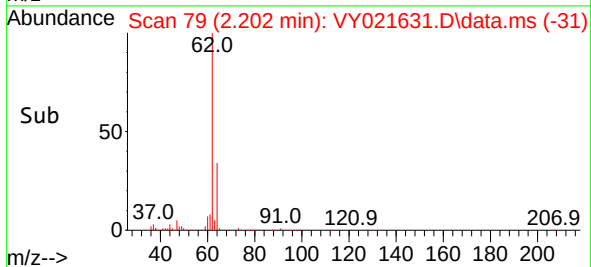
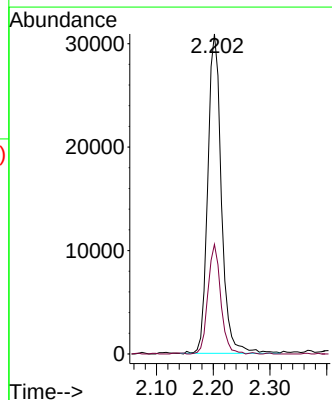
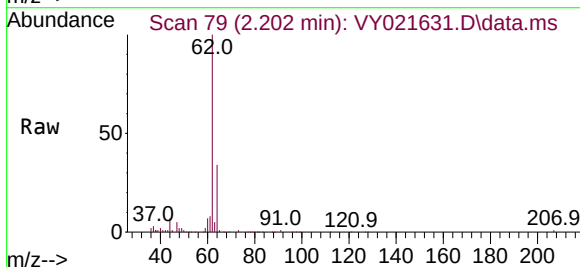
Instrument :  
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ClientSampleId :  
VY0325SBS01

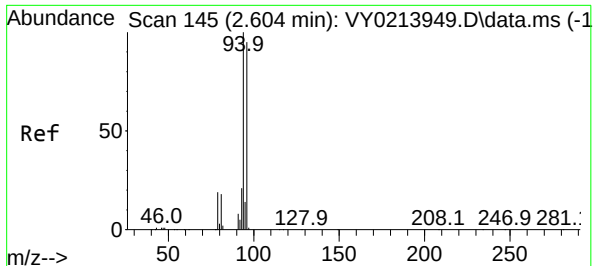
Tgt Ion: 50 Resp: 43910  
Ion Ratio Lower Upper  
50 100  
52 30.1 26.2 39.2



#4  
Vinyl Chloride  
Concen: 20.766 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 62 Resp: 51454  
Ion Ratio Lower Upper  
62 100  
64 34.3 26.2 39.2

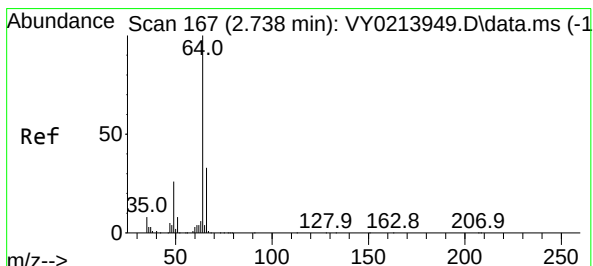
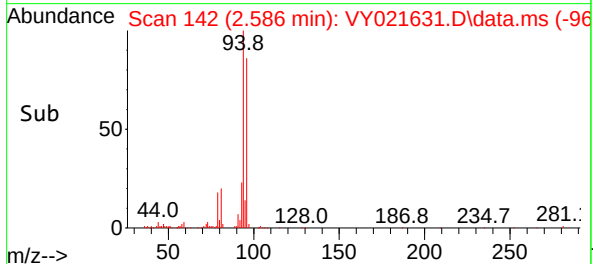
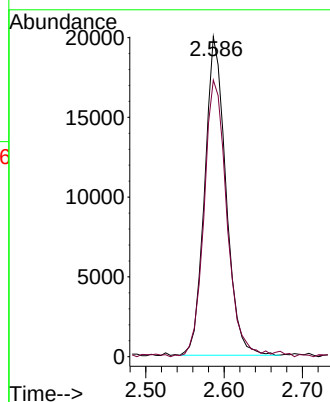
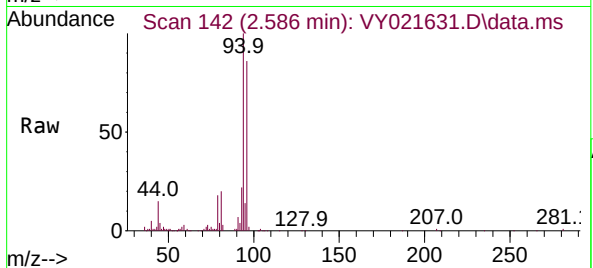




#5  
Bromomethane  
Concen: 20.932 ug/l  
RT: 2.586 min Scan# 145  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

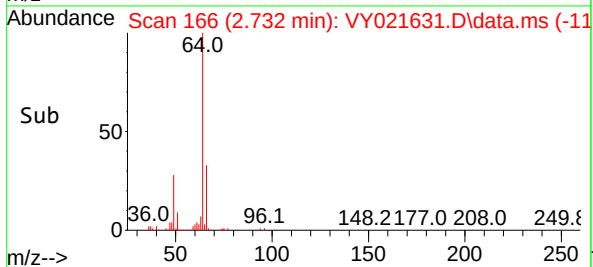
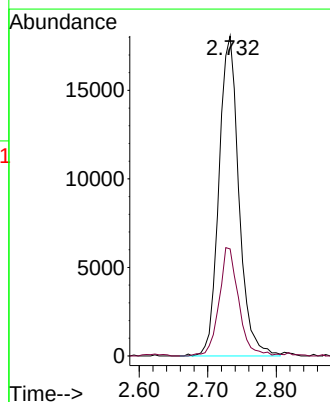
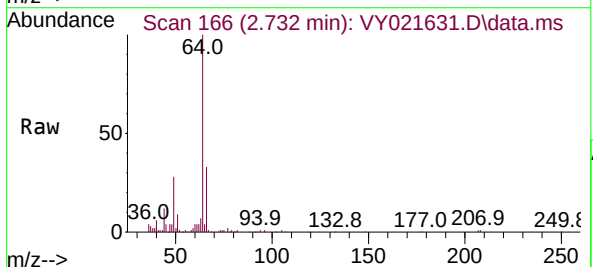
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

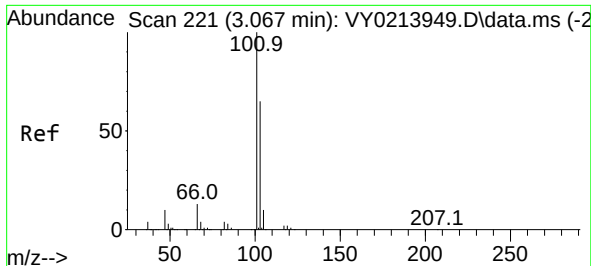
Tgt Ion: 94 Resp: 37484  
Ion Ratio Lower Upper  
94 100  
96 86.5 76.3 114.5



#6  
Chloroethane  
Concen: 22.310 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 64 Resp: 36530  
Ion Ratio Lower Upper  
64 100  
66 33.5 26.7 40.1

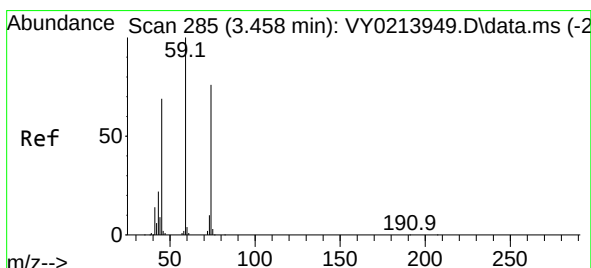
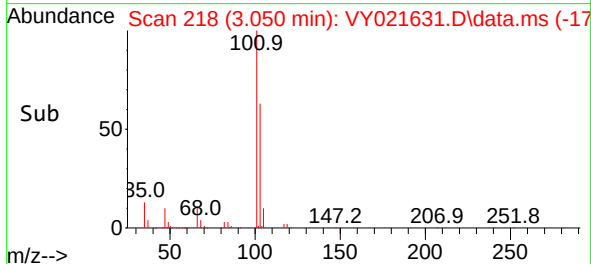
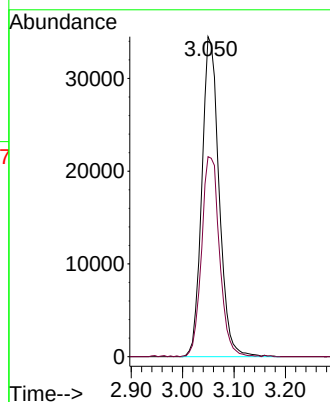
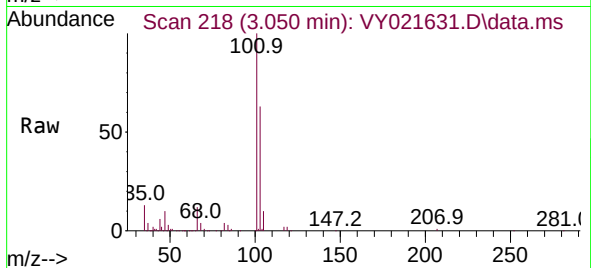




#7  
 Trichlorofluoromethane  
 Concen: 23.201 ug/l  
 RT: 3.050 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

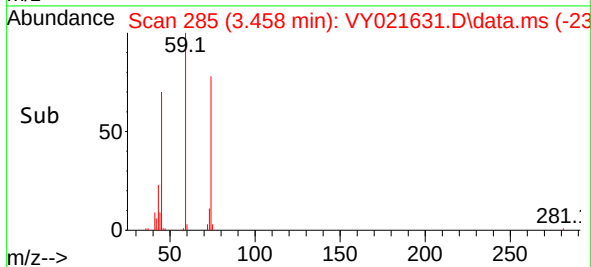
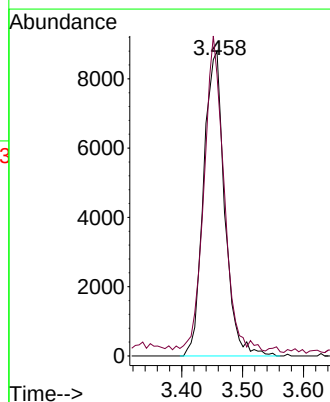
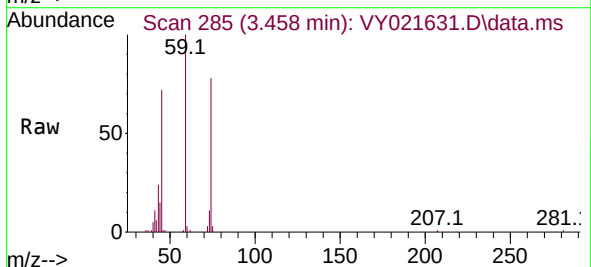
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

Tgt Ion:101 Resp: 80238  
 Ion Ratio Lower Upper  
 101 100  
 103 62.5 51.7 77.5

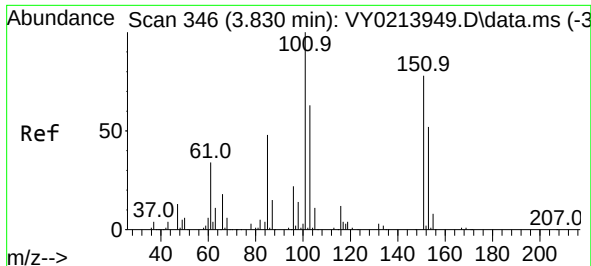


#8  
 Diethyl Ether  
 Concen: 22.007 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 74 Resp: 21092  
 Ion Ratio Lower Upper  
 74 100  
 45 98.0 49.7 149.1



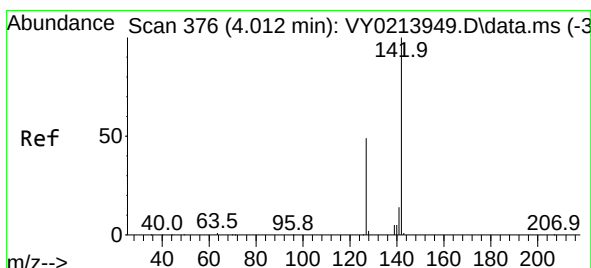
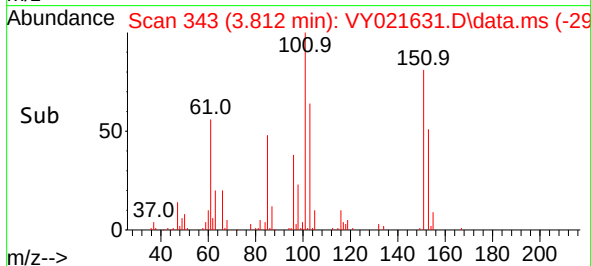
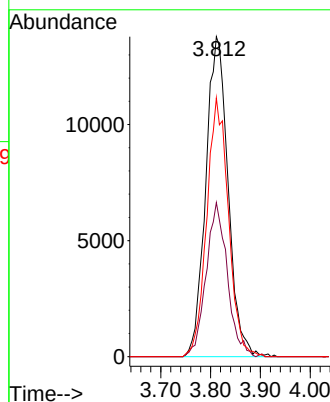
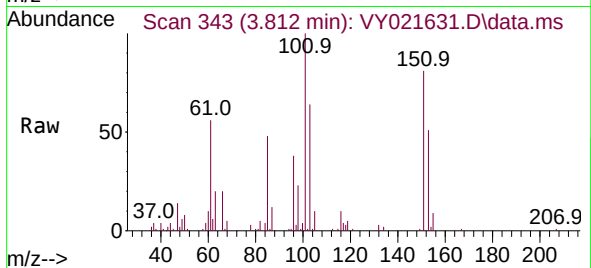




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 21.706 ug/l  
RT: 3.812 min Scan# 34  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

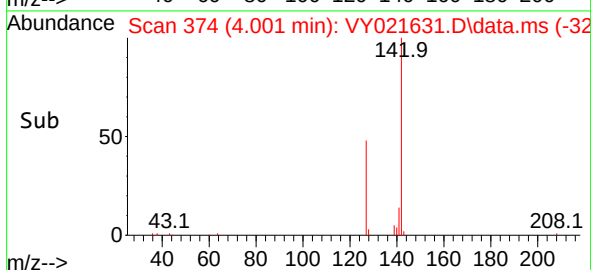
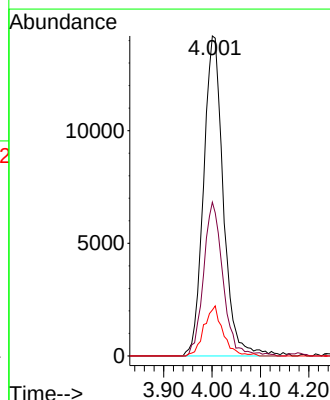
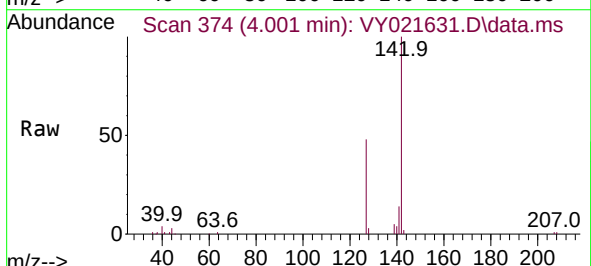
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

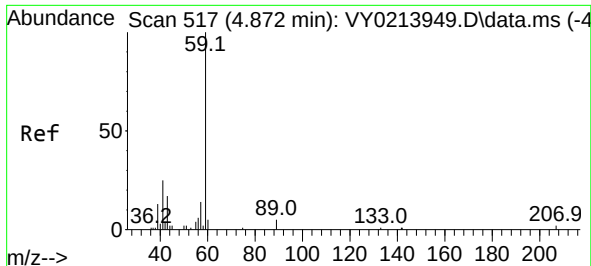
Tgt Ion:101 Resp: 42860  
Ion Ratio Lower Upper  
101 100  
85 45.7 37.1 55.7  
151 78.4 62.1 93.1



#10  
Methyl Iodide  
Concen: 20.113 ug/l  
RT: 4.001 min Scan# 374  
Delta R.T. -0.012 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:142 Resp: 40370  
Ion Ratio Lower Upper  
142 100  
127 47.4 39.1 58.7  
141 15.0 11.8 17.6

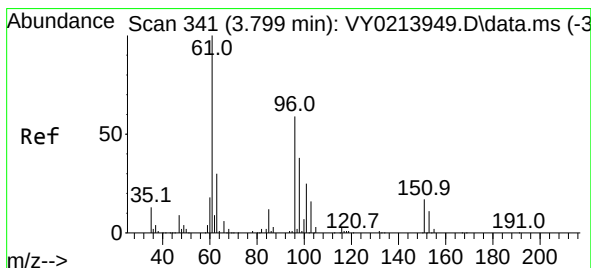
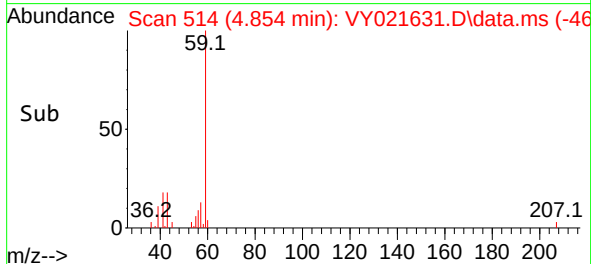
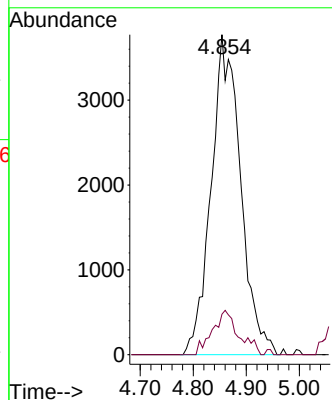
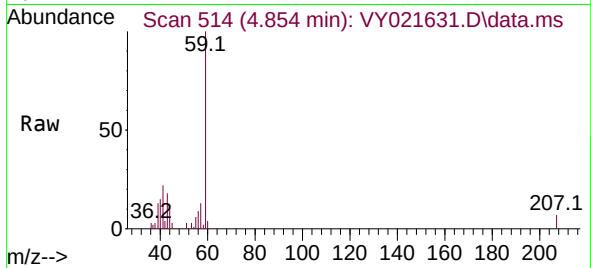




#11  
Tert butyl alcohol  
Concen: 107.689 ug/l  
RT: 4.854 min Scan# 517  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

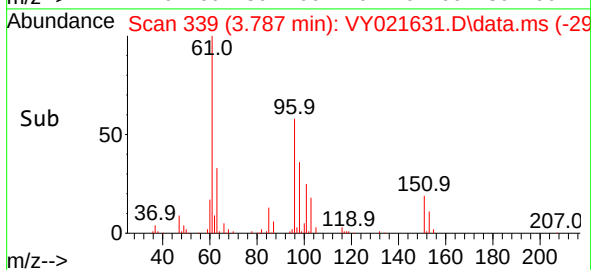
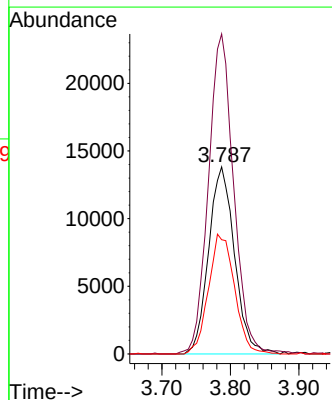
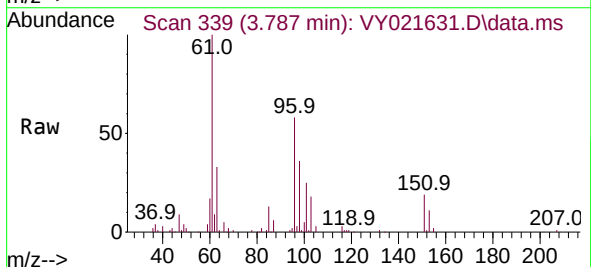
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

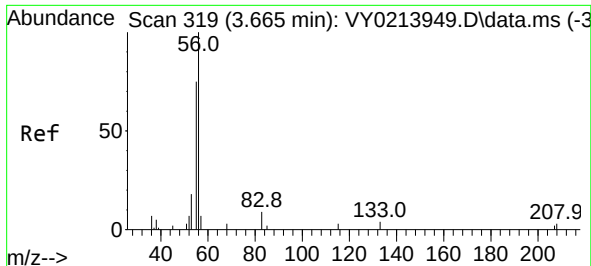
Tgt Ion: 59 Resp: 14514  
Ion Ratio Lower Upper  
59 100  
57 10.8 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 20.174 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 96 Resp: 36318  
Ion Ratio Lower Upper  
96 100  
61 170.1 135.2 202.8  
98 61.1 51.4 77.2

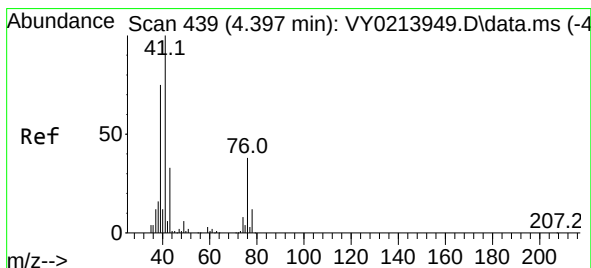
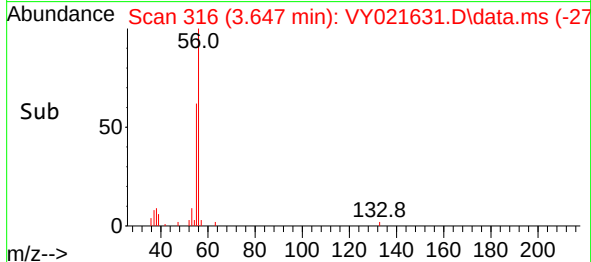
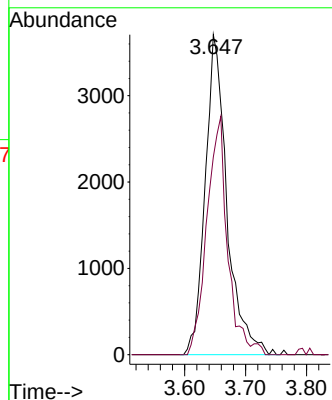
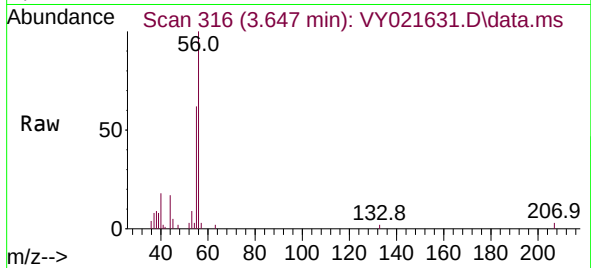




#13  
Acrolein  
Concen: 97.841 ug/l  
RT: 3.647 min Scan# 319  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

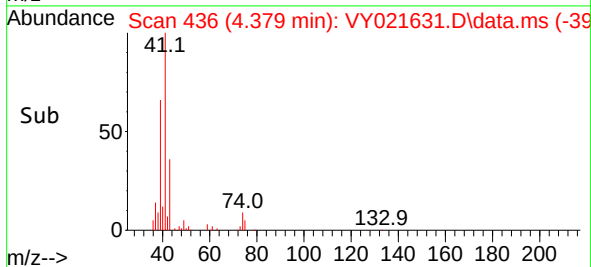
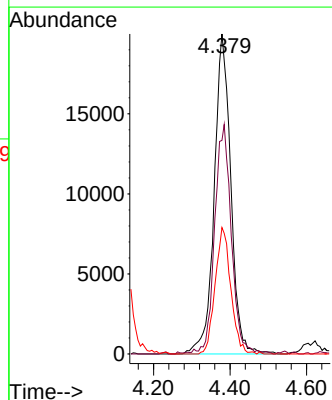
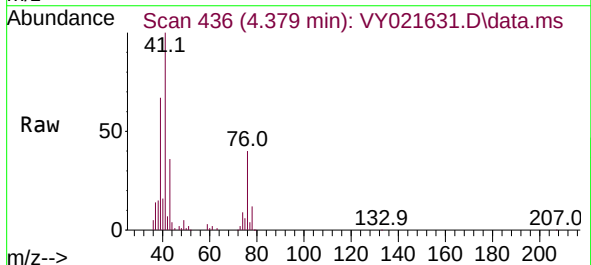
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

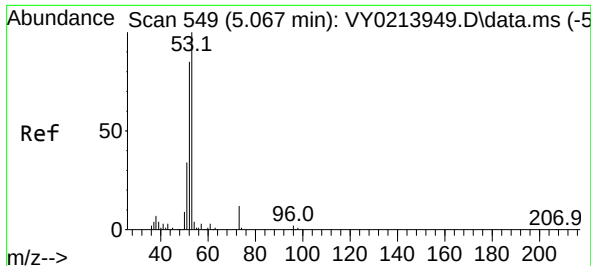
Tgt Ion: 56 Resp: 9218  
Ion Ratio Lower Upper  
56 100  
55 70.9 63.4 95.2



#14  
Allyl chloride  
Concen: 20.738 ug/l  
RT: 4.379 min Scan# 436  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 41 Resp: 60332  
Ion Ratio Lower Upper  
41 100  
39 72.1 59.3 88.9  
76 37.3 29.8 44.8

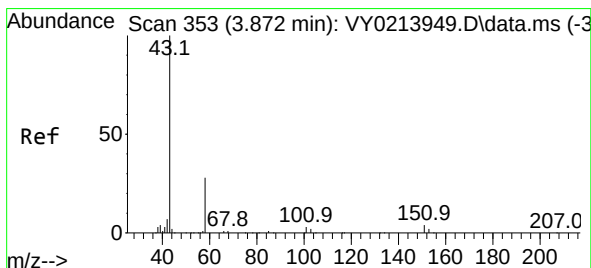
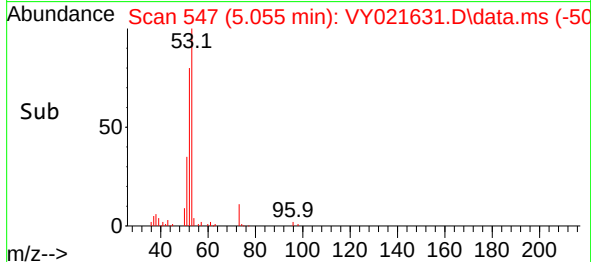
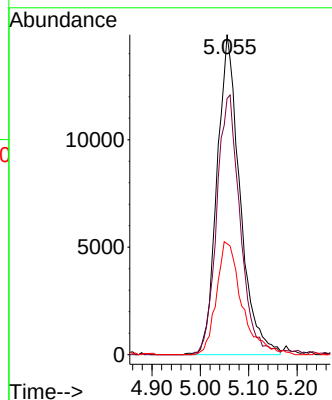
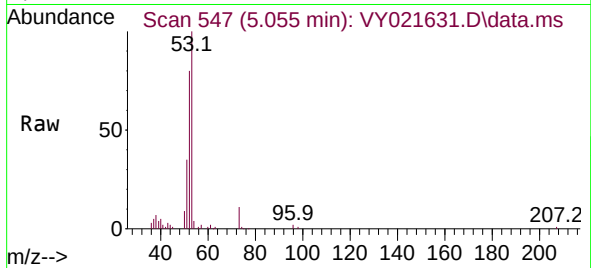




#15  
Acrylonitrile  
Concen: 120.137 ug/l  
RT: 5.055 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

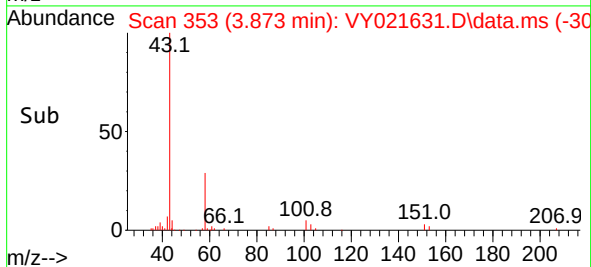
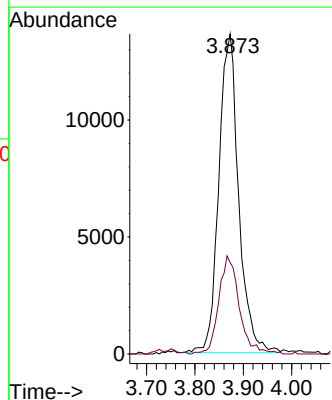
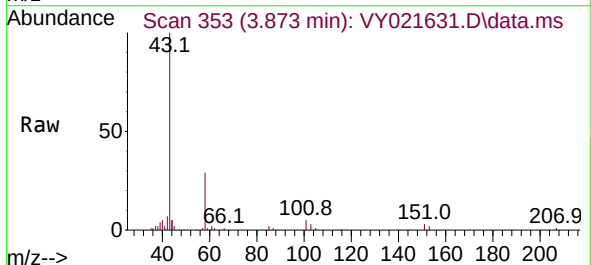
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

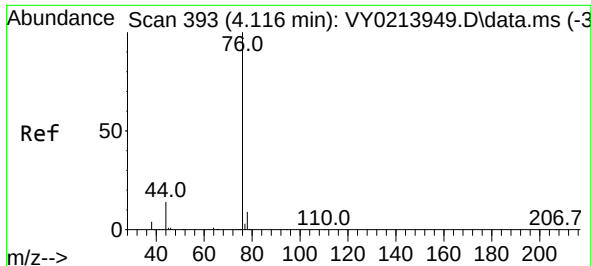
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 49015 |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 82.8     | 66.3 99.5   |
| 51 39.1     | 30.3 45.5   |



#16  
Acetone  
Concen: 96.161 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. 0.001 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 38849 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 28.2     | 22.1 33.1   |

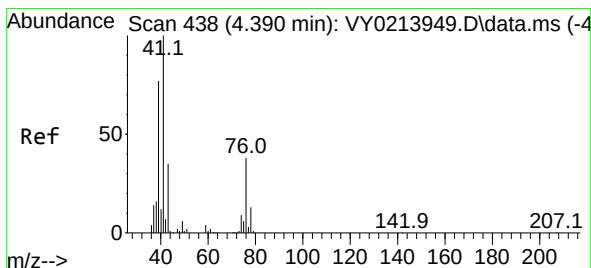
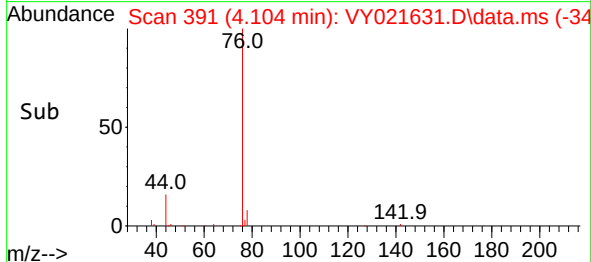
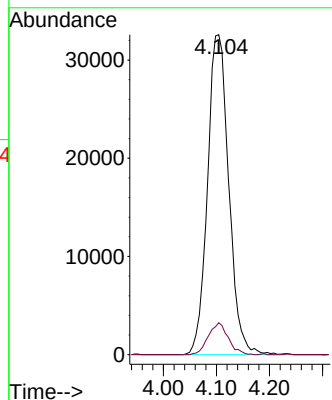
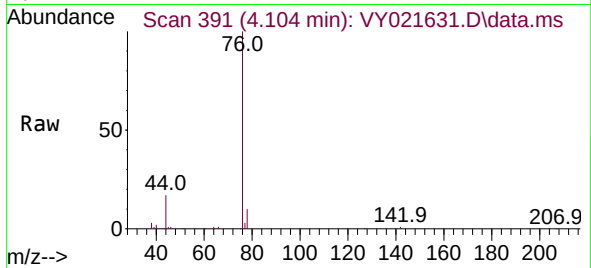




#17  
Carbon Disulfide  
Concen: 16.110 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.012 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

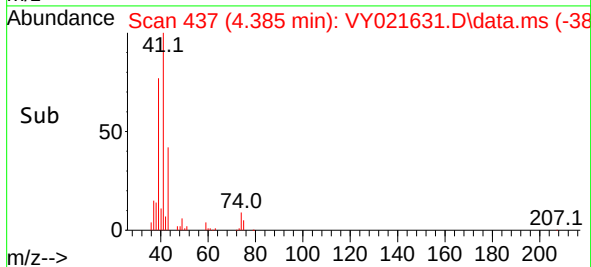
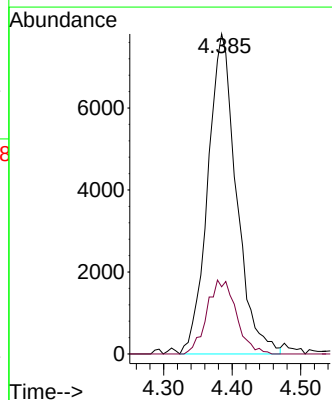
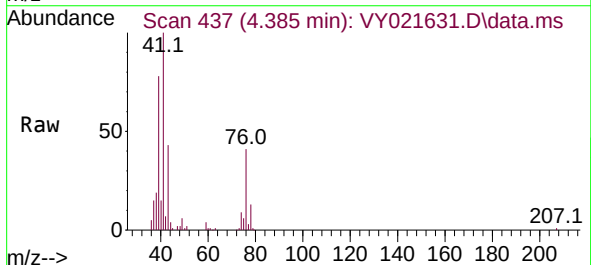
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

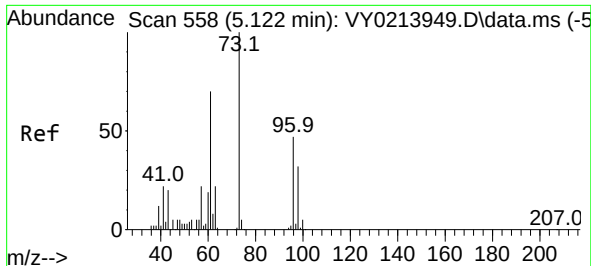
Tgt Ion: 76 Resp: 90886  
Ion Ratio Lower Upper  
76 100  
78 10.0 7.4 11.0



#18  
Methyl Acetate  
Concen: 25.285 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 43 Resp: 22666  
Ion Ratio Lower Upper  
43 100  
74 23.6 19.4 29.0

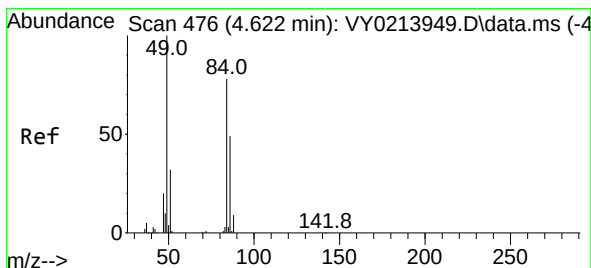
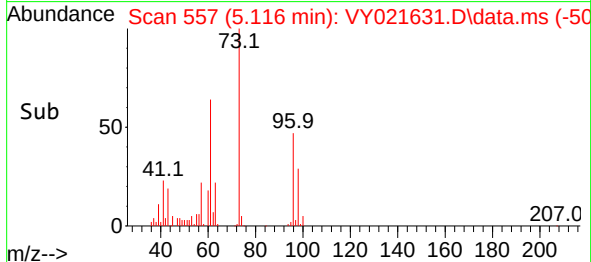
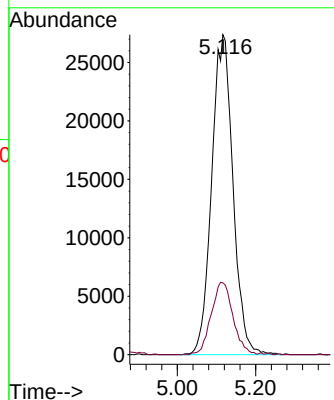
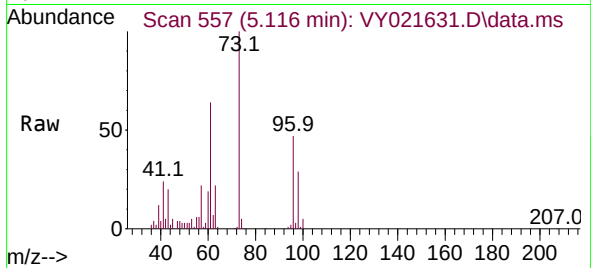




#19  
Methyl tert-butyl Ether  
Concen: 22.674 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

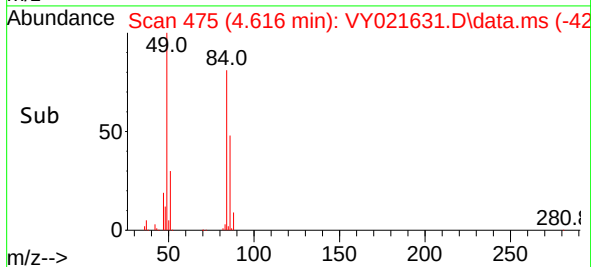
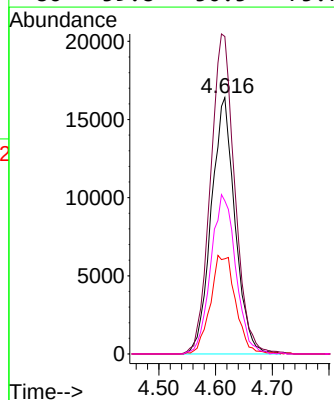
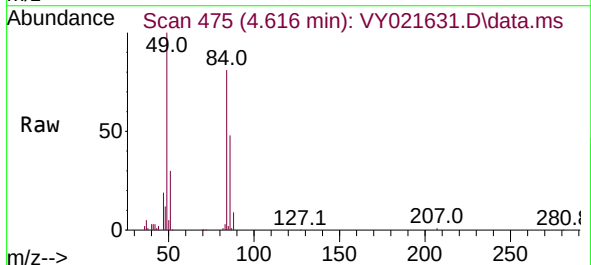
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

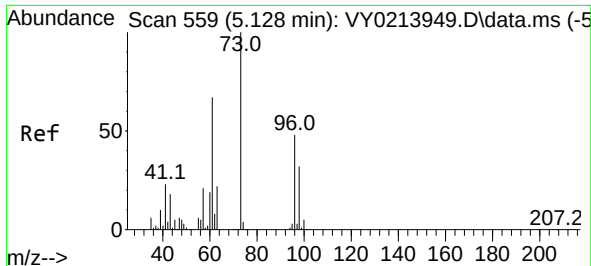
Tgt Ion: 73 Resp: 103456  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.9 26.9



#20  
Methylene Chloride  
Concen: 22.508 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 84 Resp: 47732  
Ion Ratio Lower Upper  
84 100  
49 123.9 102.0 153.0  
51 37.2 33.0 49.6  
86 59.8 50.5 75.7

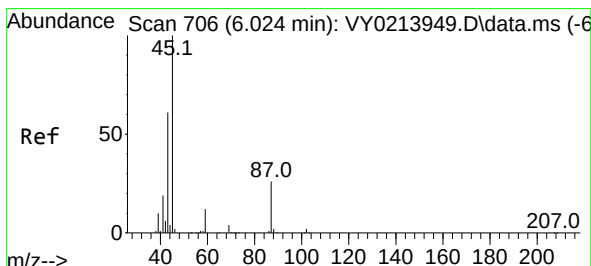
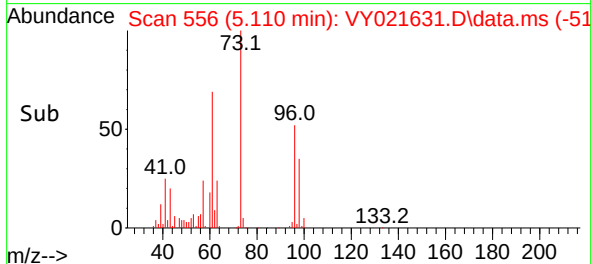
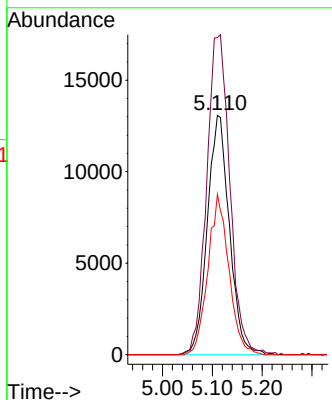
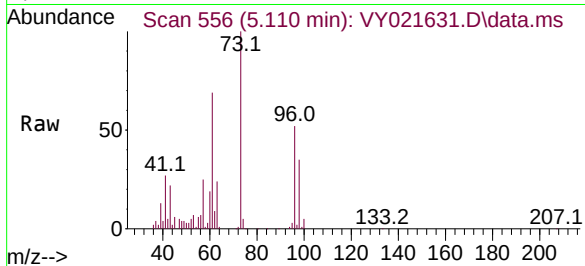




#21  
trans-1,2-Dichloroethene  
Concen: 19.945 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. -0.018 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

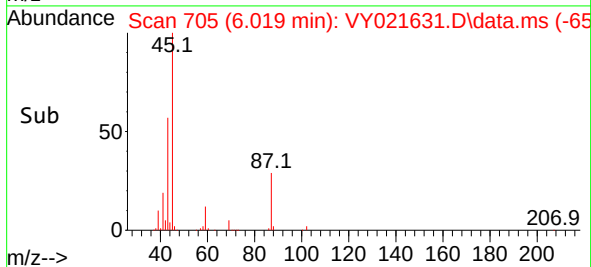
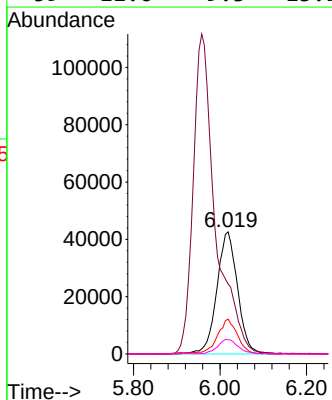
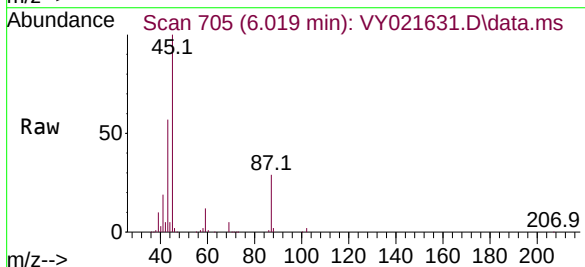
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

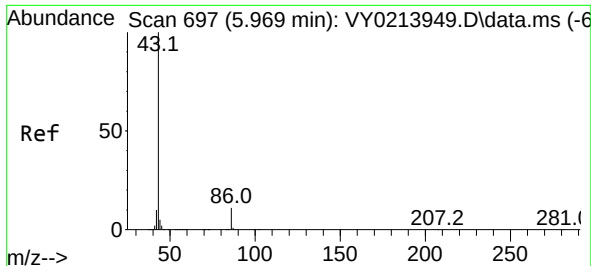
Tgt Ion: 96 Resp: 40210  
Ion Ratio Lower Upper  
96 100  
61 132.4 111.5 167.3  
98 67.0 53.8 80.8



#22  
Diisopropyl ether  
Concen: 22.627 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 45 Resp: 141865  
Ion Ratio Lower Upper  
45 100  
43 56.7 48.7 73.1  
87 28.5 21.5 32.3  
59 11.6 9.3 13.9

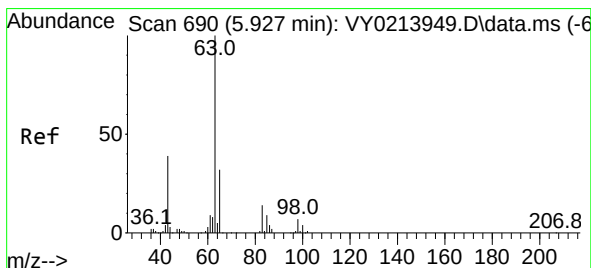
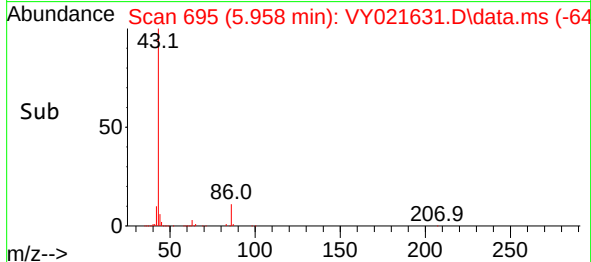
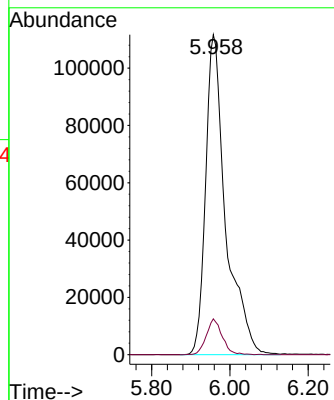
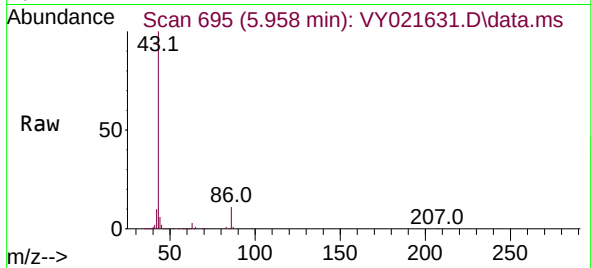




#23  
 Vinyl Acetate  
 Concen: 110.943 ug/l  
 RT: 5.958 min Scan# 61  
 Delta R.T. -0.012 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

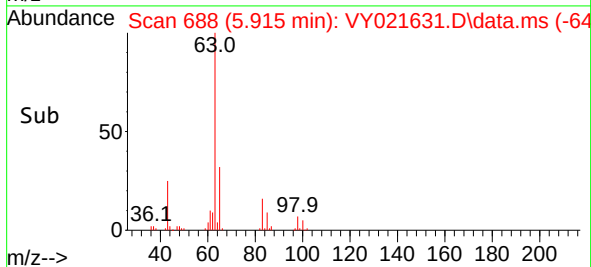
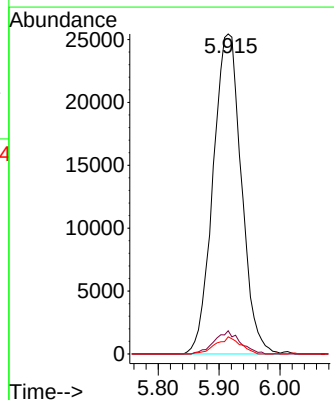
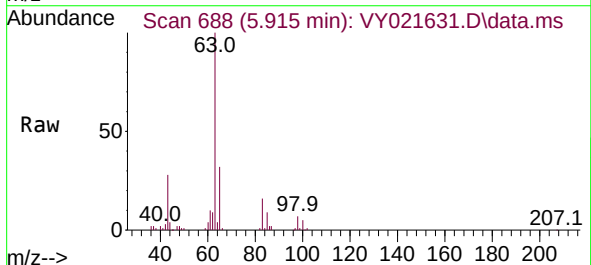
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

Tgt Ion: 43 Resp: 396966  
 Ion Ratio Lower Upper  
 43 100  
 86 11.2 8.5 12.7

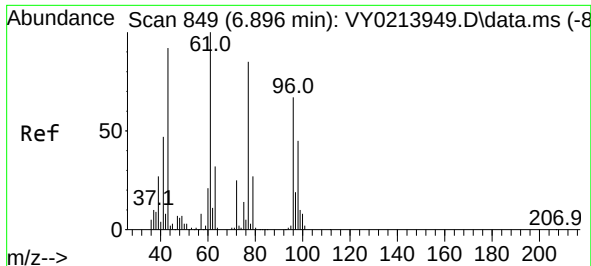


#24  
 1,1-Dichloroethane  
 Concen: 22.216 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.012 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 63 Resp: 82207  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.3 9.9  
 100 5.4 2.1 6.5



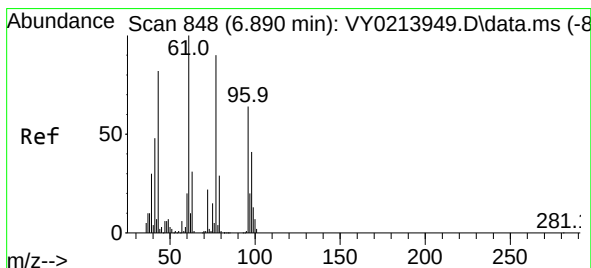
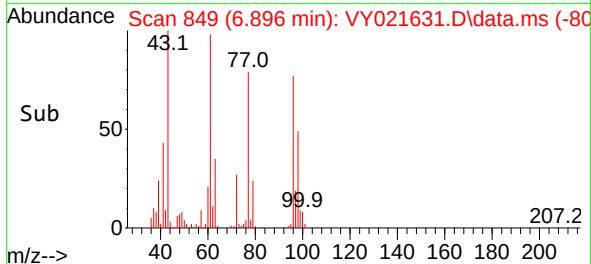
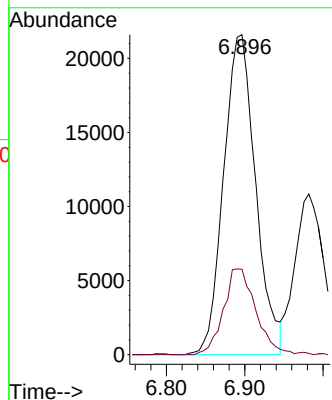
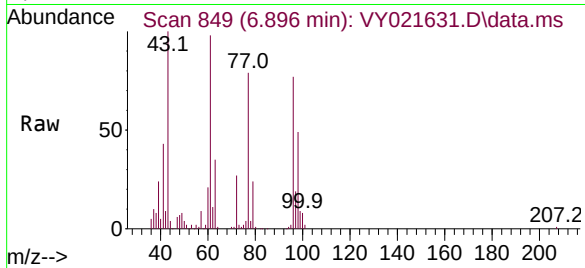




#25  
2-Butanone  
Concen: 109.877 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

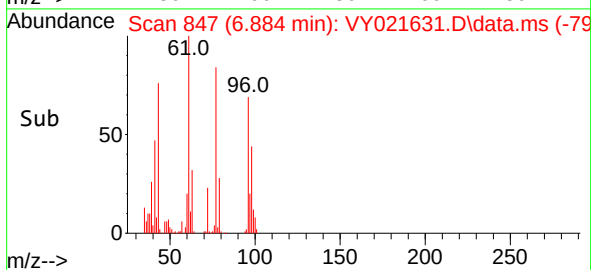
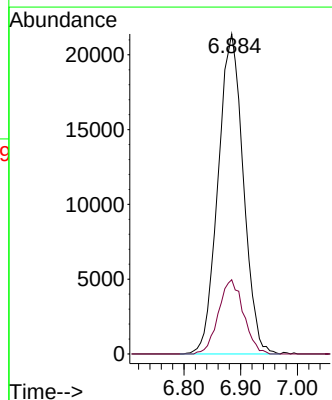
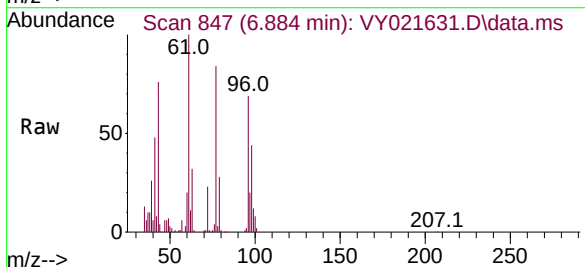
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

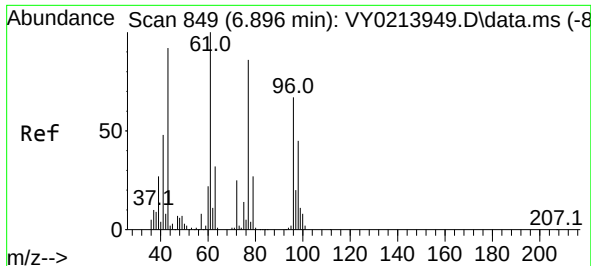
Tgt Ion: 43 Resp: 61405  
Ion Ratio Lower Upper  
43 100  
72 26.7 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 19.395 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 77 Resp: 66035  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 21.648 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

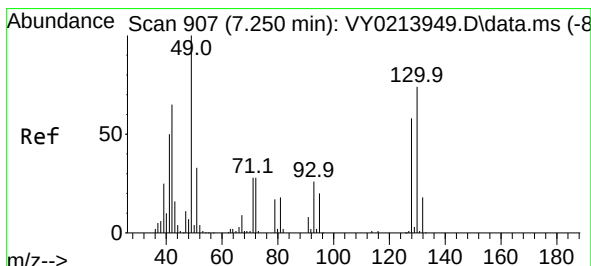
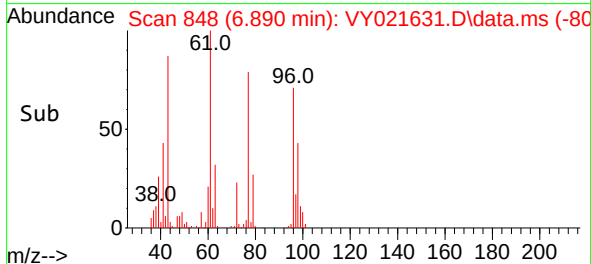
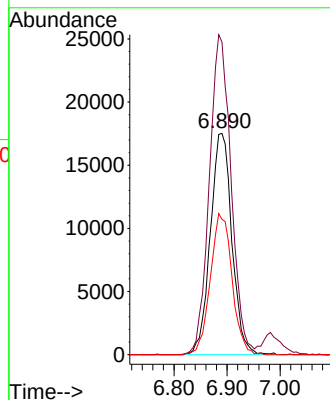
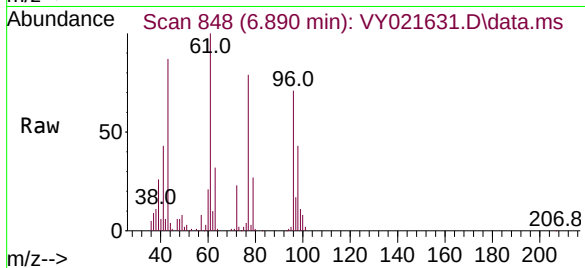
Tgt Ion: 96 Resp: 49580

Ion Ratio Lower Upper

96 100

61 145.4 0.0 300.8

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 20.825 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

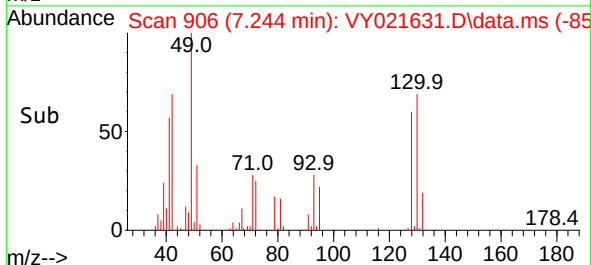
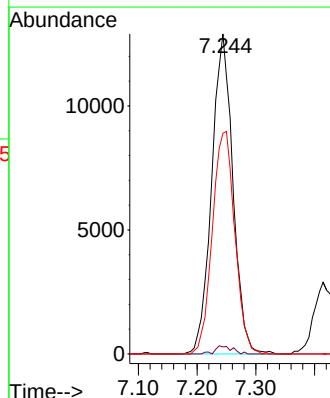
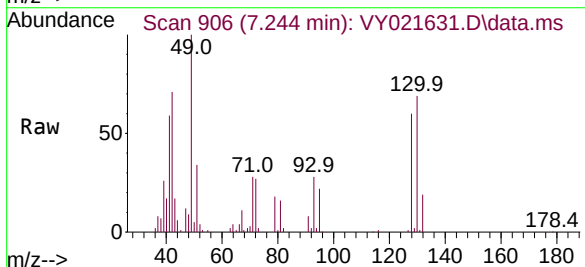
Tgt Ion: 49 Resp: 32306

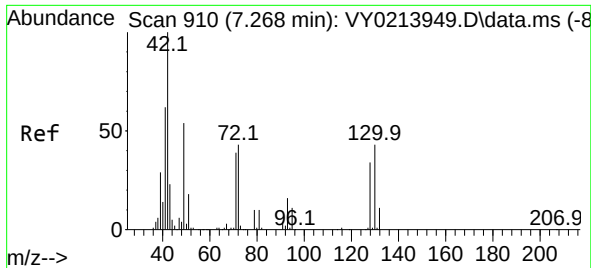
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 73.7 59.6 89.4

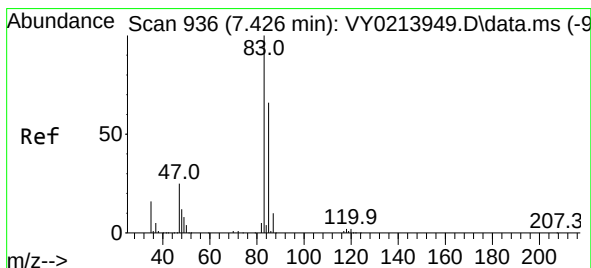
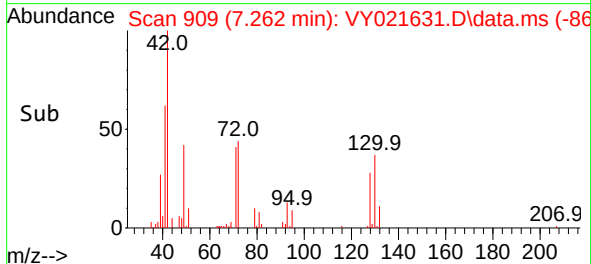
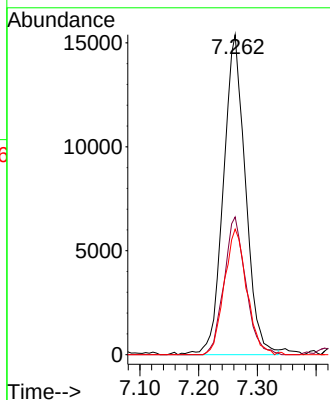
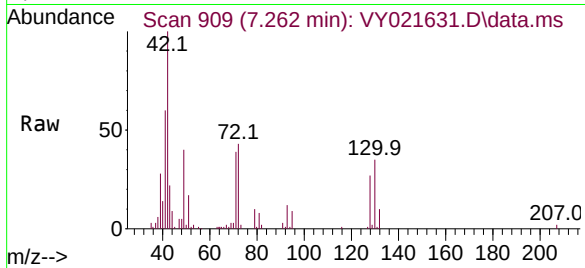




#29  
Tetrahydrofuran  
Concen: 116.324 ug/l  
RT: 7.262 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

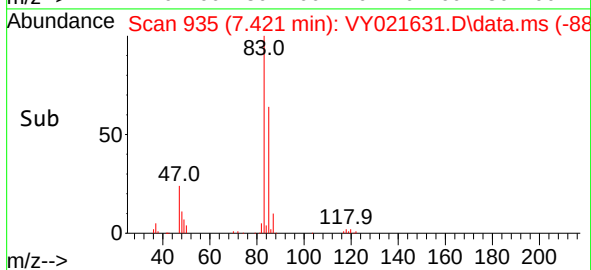
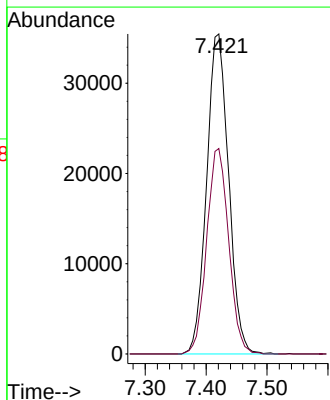
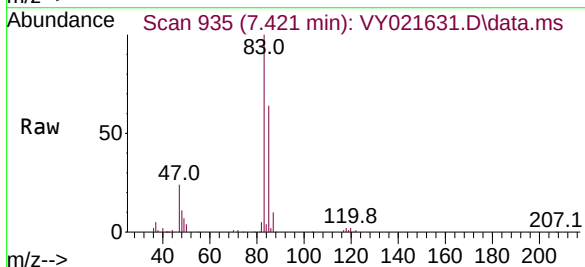
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

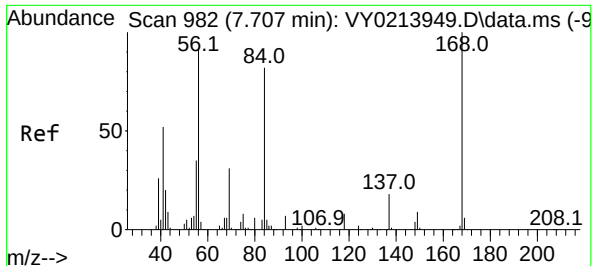
Tgt Ion: 42 Resp: 40133  
Ion Ratio Lower Upper  
42 100  
72 42.4 34.8 52.2  
71 39.9 32.6 48.8



#30  
Chloroform  
Concen: 23.170 ug/l  
RT: 7.421 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 83 Resp: 89027  
Ion Ratio Lower Upper  
83 100  
85 64.2 53.1 79.7

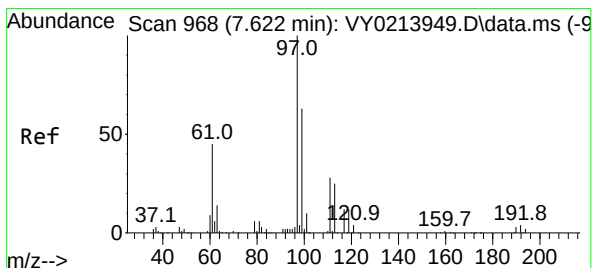
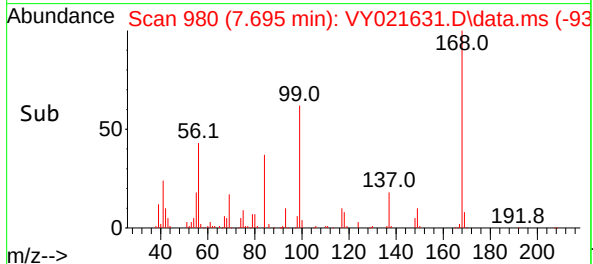
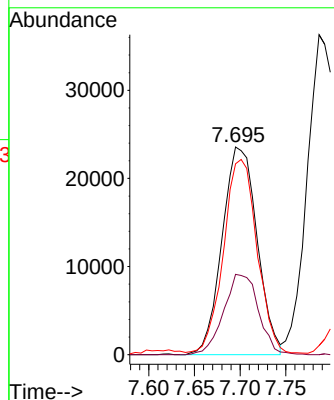
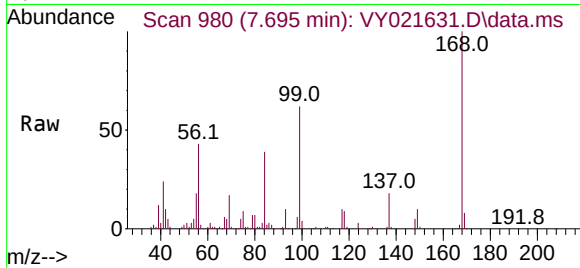




#31  
Cyclohexane  
Concen: 18.085 ug/l  
RT: 7.695 min Scan# 982  
Delta R.T. -0.012 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

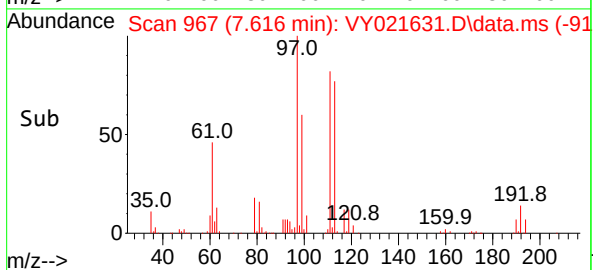
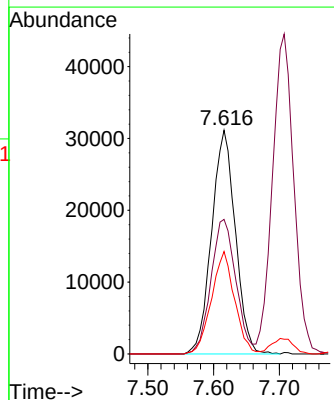
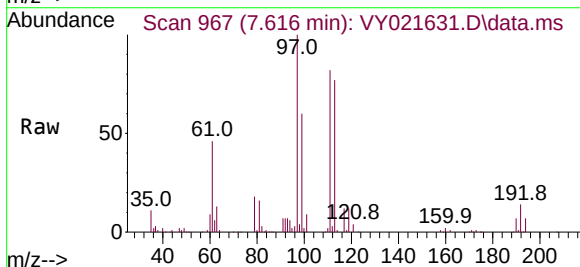
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

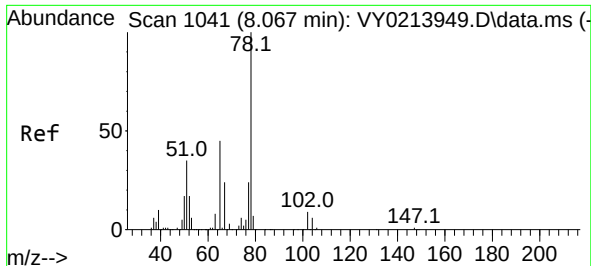
Tgt Ion: 56 Resp: 62737  
Ion Ratio Lower Upper  
56 100  
69 38.6 27.0 40.4  
84 90.2 71.1 106.7



#32  
1,1,1-Trichloroethane  
Concen: 22.234 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 97 Resp: 78223  
Ion Ratio Lower Upper  
97 100  
99 62.9 51.7 77.5  
61 44.7 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 58.197 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

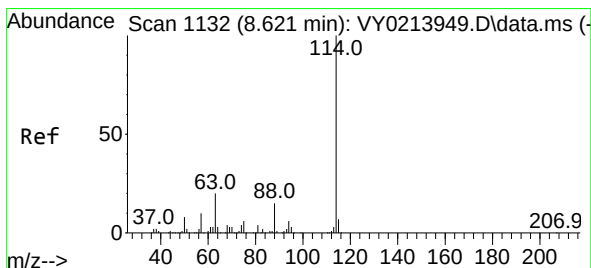
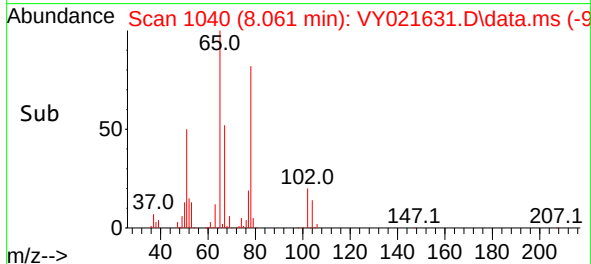
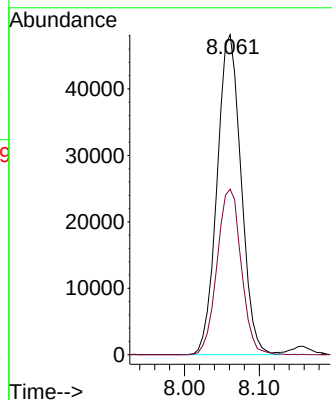
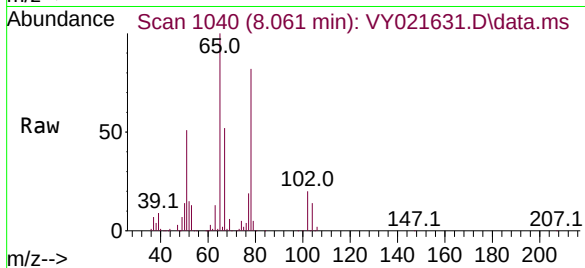
VY0325SBS01

Tgt Ion: 65 Resp: 107798

Ion Ratio Lower Upper

65 100

67 52.1 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

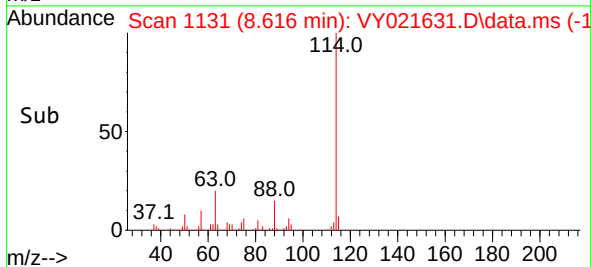
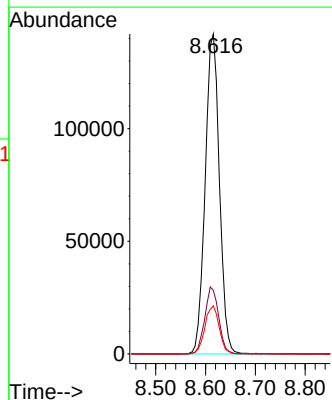
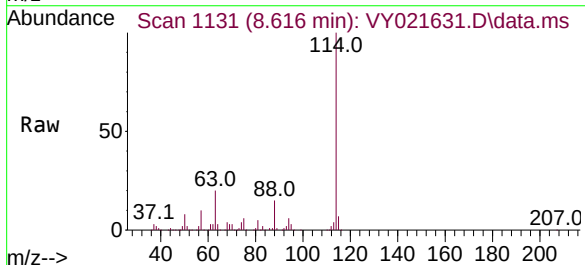
Tgt Ion: 114 Resp: 281285

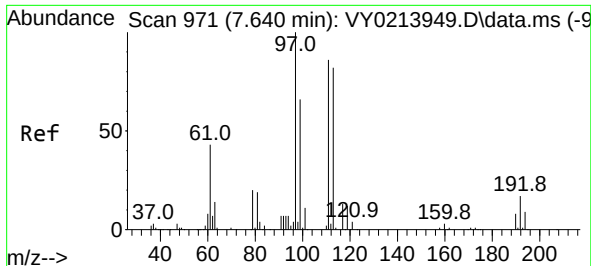
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

88 15.1 0.0 30.8



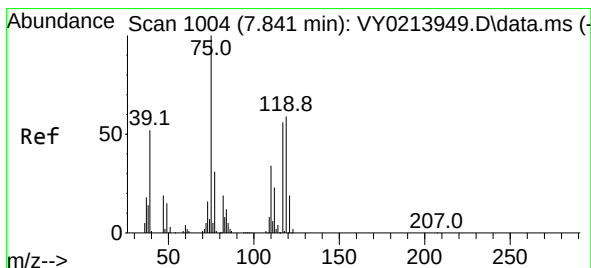
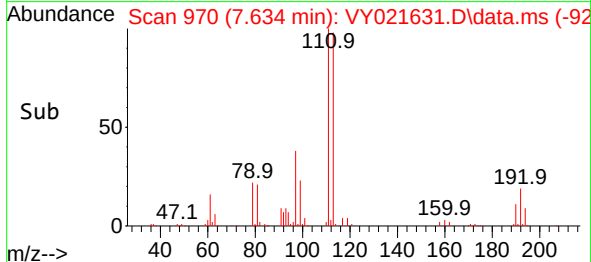
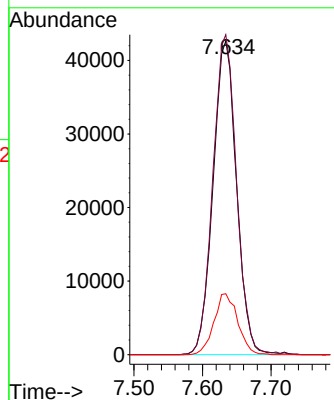
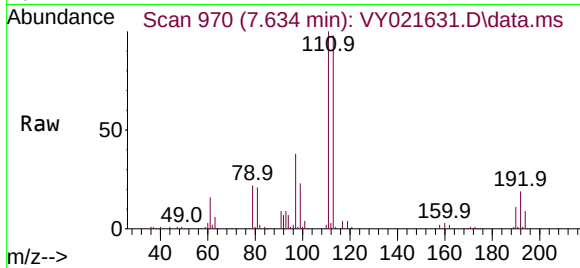


#35  
 Dibromofluoromethane  
 Concen: 54.860 ug/l  
 RT: 7.634 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

Tgt Ion:113 Resp: 101432

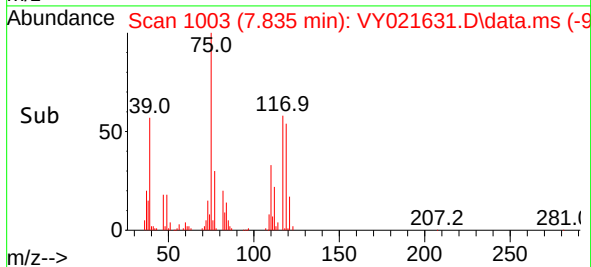
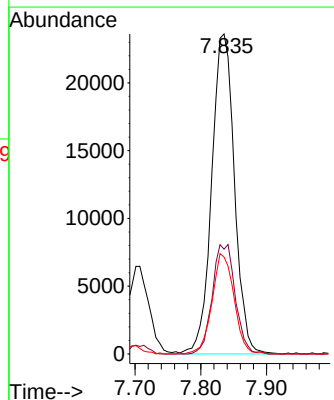
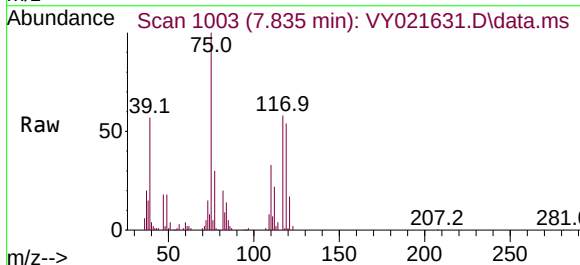
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 103.0 | 82.0  | 123.0 |
| 192 | 19.6  | 15.9  | 23.9  |

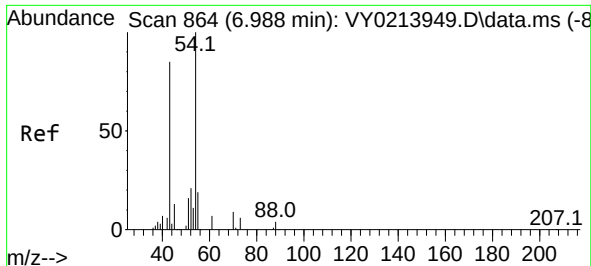


#36  
 1,1-Dichloropropene  
 Concen: 19.649 ug/l  
 RT: 7.835 min Scan# 1003  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 75 Resp: 56866

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 110 | 34.4  | 17.3  | 51.7  |
| 77  | 30.3  | 25.4  | 38.2  |





#37

Ethyl Acetate

Concen: 22.868 ug/l

RT: 6.982 min Scan# 81

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

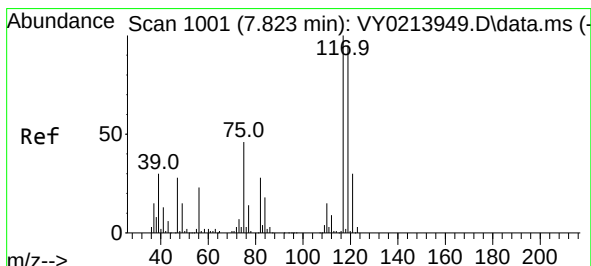
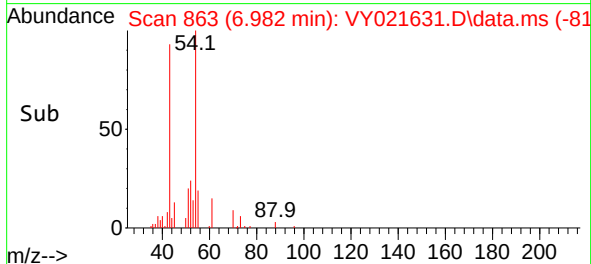
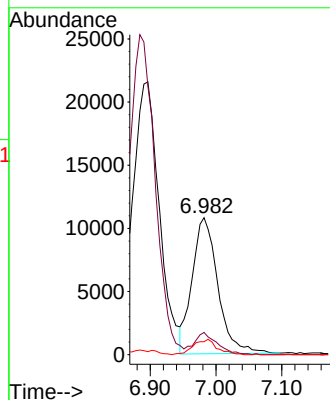
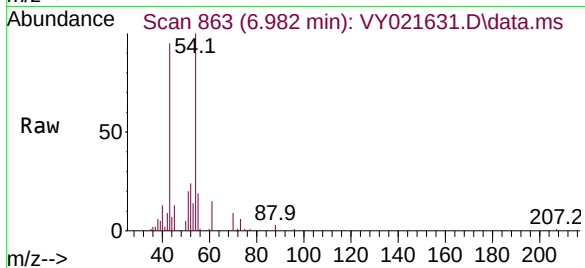
Tgt Ion: 43 Resp: 29252

Ion Ratio Lower Upper

43 100

61 14.7 11.4 17.0

70 10.3 8.2 12.2



#38

Carbon Tetrachloride

Concen: 20.566 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

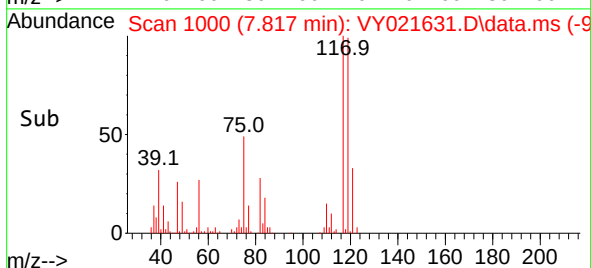
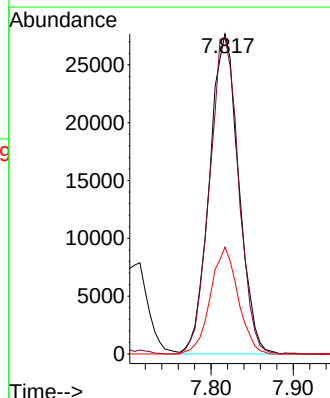
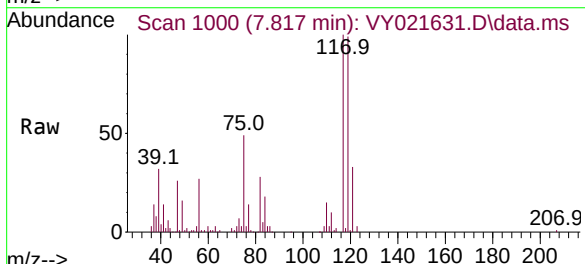
Tgt Ion: 117 Resp: 68454

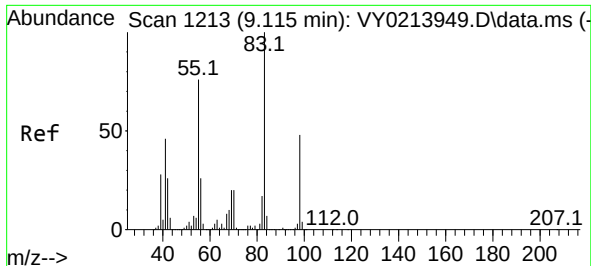
Ion Ratio Lower Upper

117 100

119 99.0 75.8 113.8

121 33.4 23.9 35.9

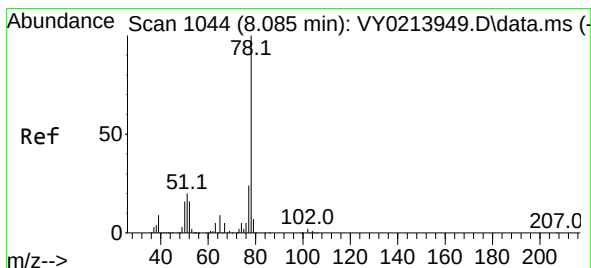
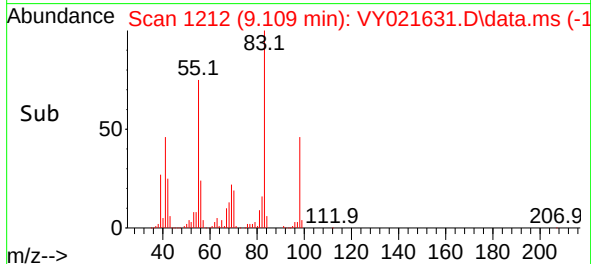
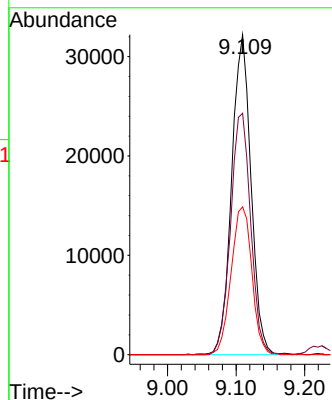
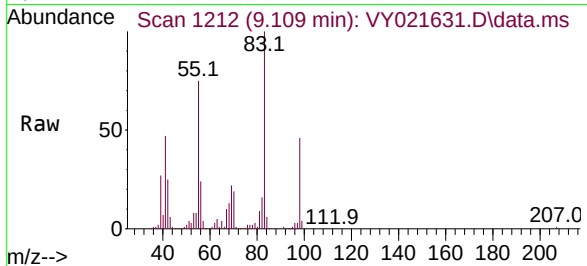




#39  
Methylcyclohexane  
Concen: 17.767 ug/l  
RT: 9.109 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

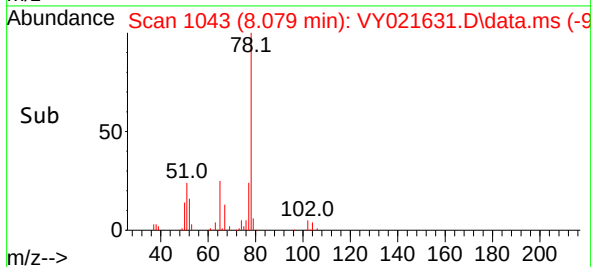
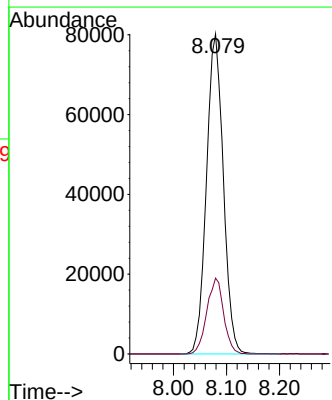
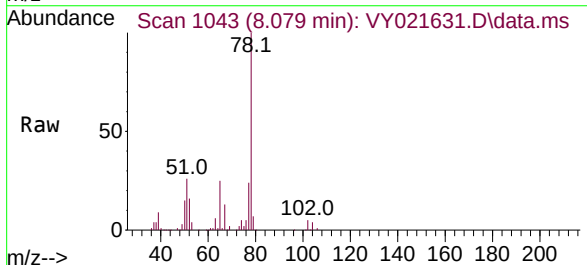
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

Tgt Ion: 83 Resp: 63072  
Ion Ratio Lower Upper  
83 100  
55 75.5 60.7 91.1  
98 46.2 38.6 57.8

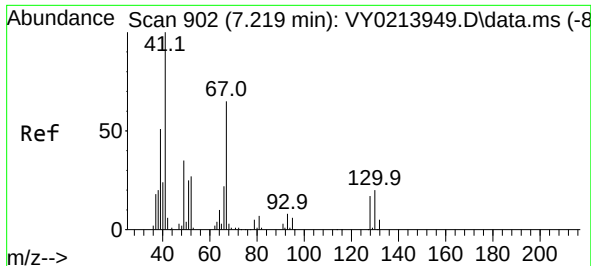


#40  
Benzene  
Concen: 20.737 ug/l  
RT: 8.079 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 78 Resp: 176793  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.4



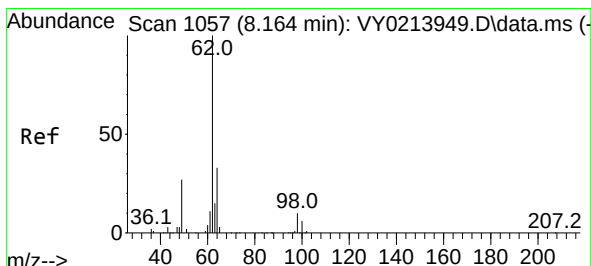
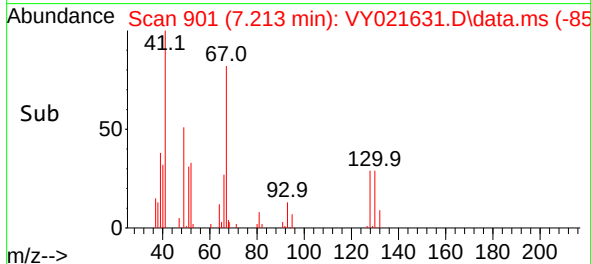
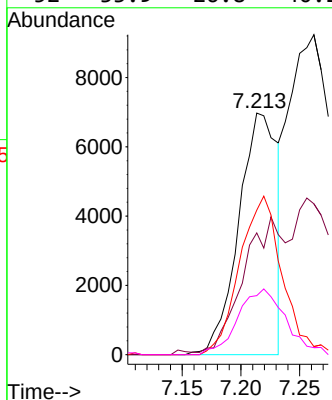
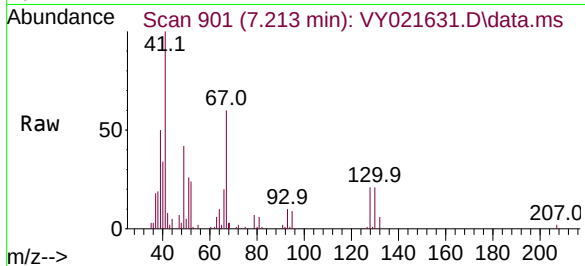




#41  
Methacrylonitrile  
Concen: 22.885 ug/l  
RT: 7.213 min Scan# 902  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

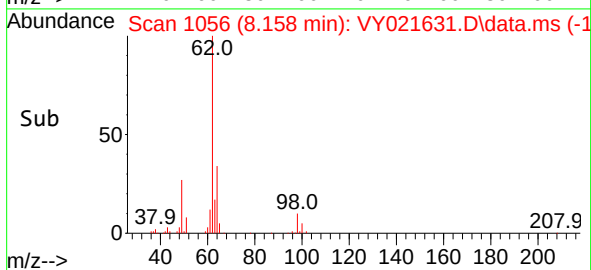
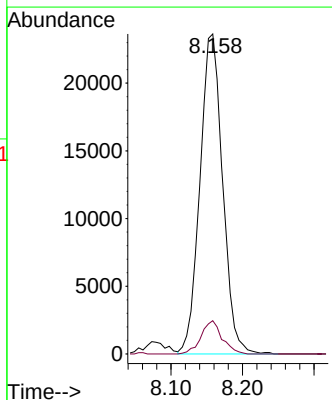
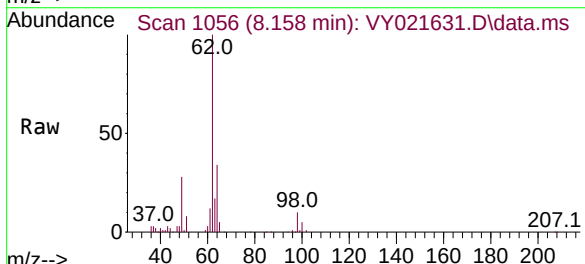
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

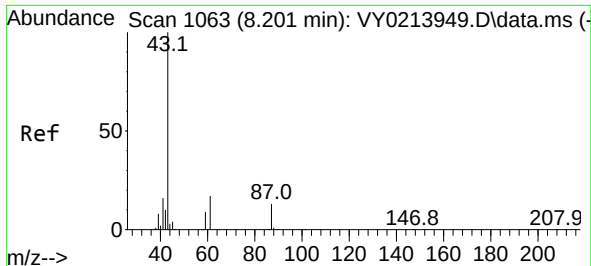
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 15940 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 59.3     | 35.0 52.6#  |
| 67 73.0     | 61.2 91.8   |
| 52 33.9     | 26.8 40.2   |



#42  
1,2-Dichloroethane  
Concen: 21.856 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 52127 |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 9.6      | 0.0 18.2    |

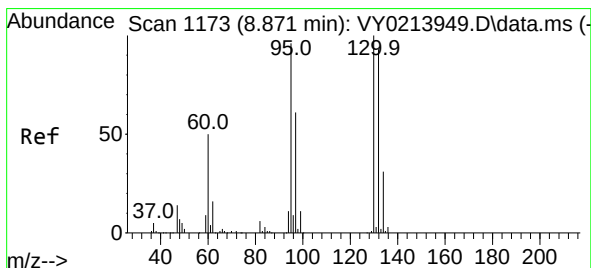
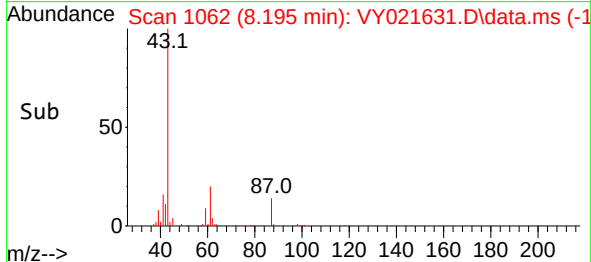
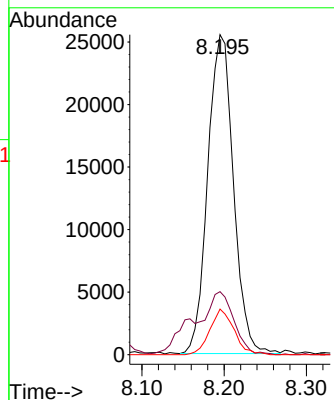
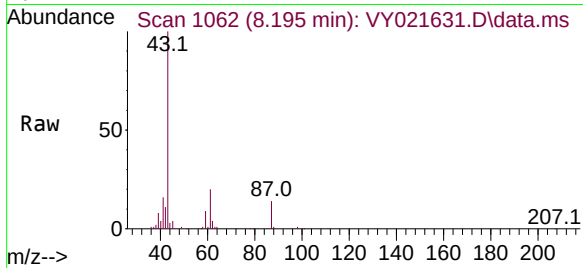




#43  
Isopropyl Acetate  
Concen: 22.306 ug/l  
RT: 8.195 min Scan# 1062  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

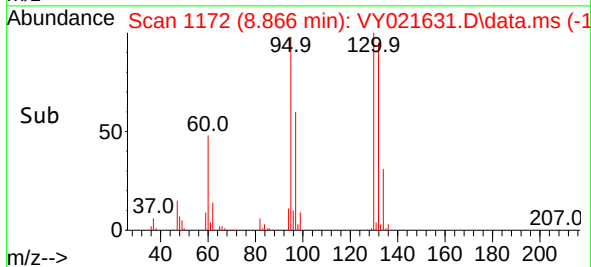
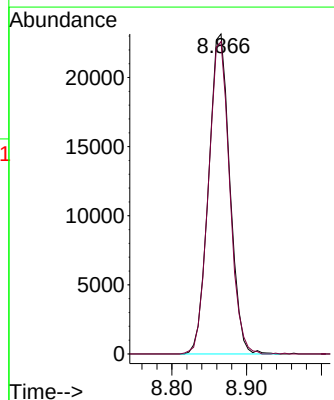
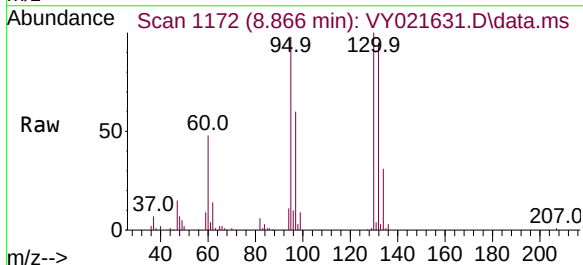
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

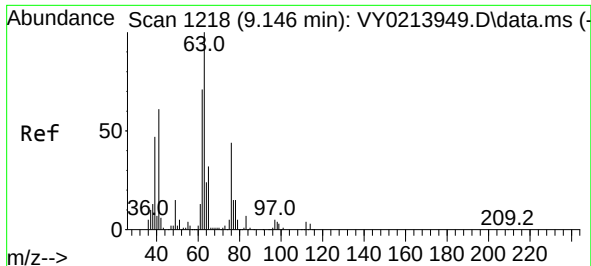
Tgt Ion: 43 Resp: 55391  
Ion Ratio Lower Upper  
43 100  
61 20.0 23.4 35.0#  
87 13.4 10.5 15.7



#44  
Trichloroethene  
Concen: 21.222 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:130 Resp: 45720  
Ion Ratio Lower Upper  
130 100  
95 97.6 0.0 191.6





#45

1,2-Dichloropropane

Concen: 22.194 ug/l

RT: 9.140 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

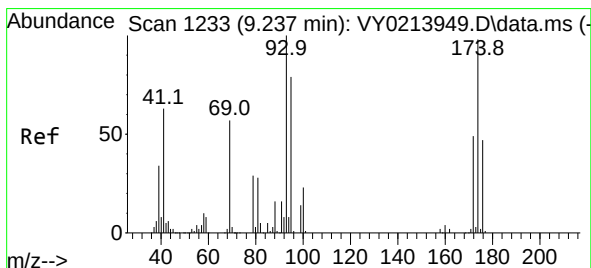
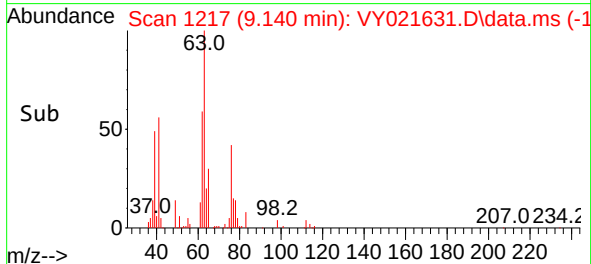
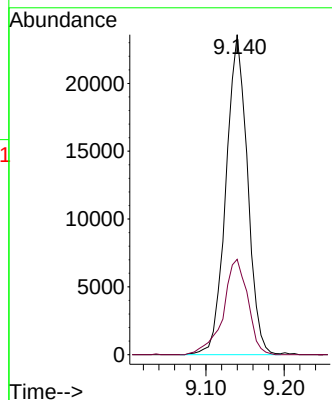
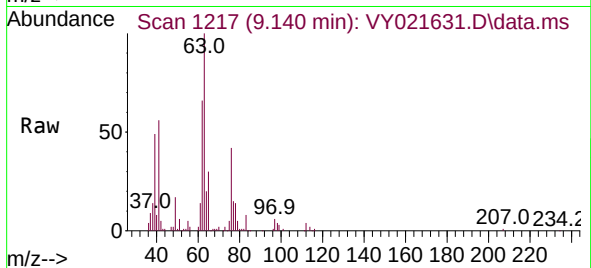
VY0325SBS01

Tgt Ion: 63 Resp: 45034

Ion Ratio Lower Upper

63 100

65 29.8 26.0 39.0



#46

Dibromomethane

Concen: 22.291 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

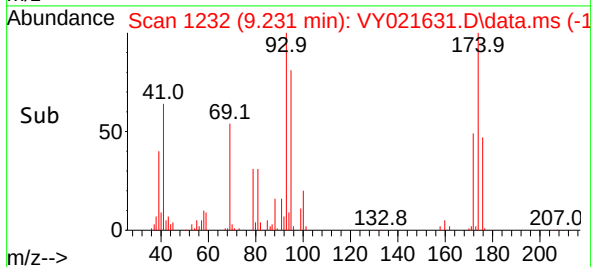
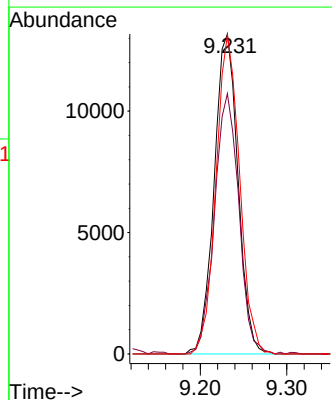
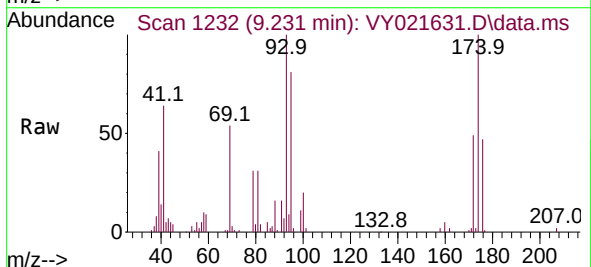
Tgt Ion: 93 Resp: 25166

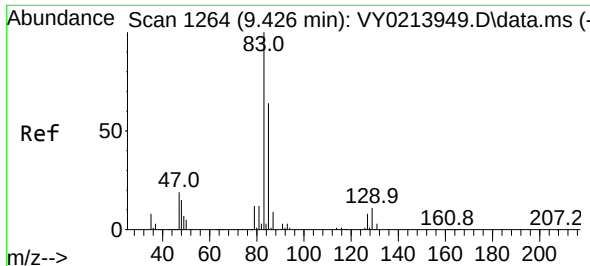
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 99.0 77.9 116.9

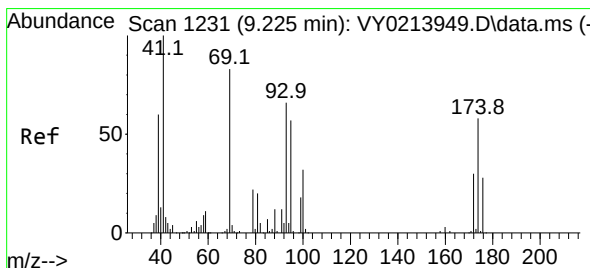
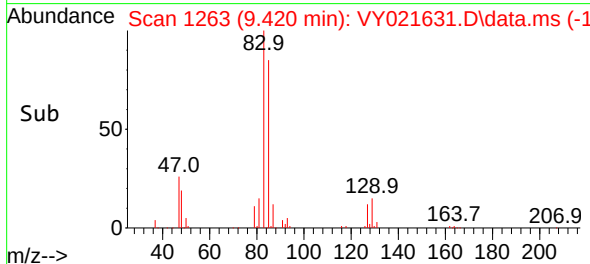
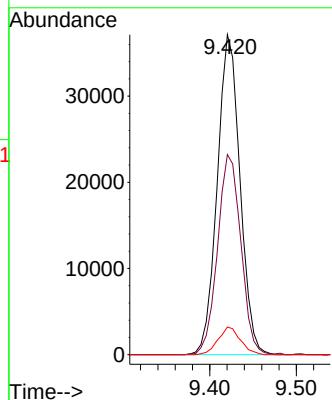
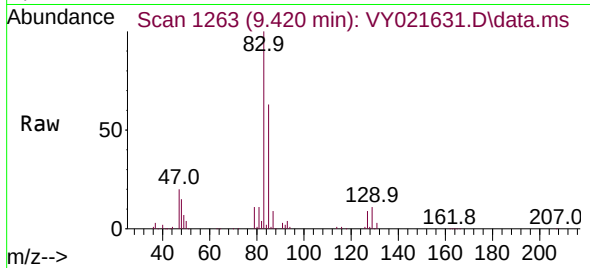




#47  
Bromodichloromethane  
Concen: 22.588 ug/l  
RT: 9.420 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

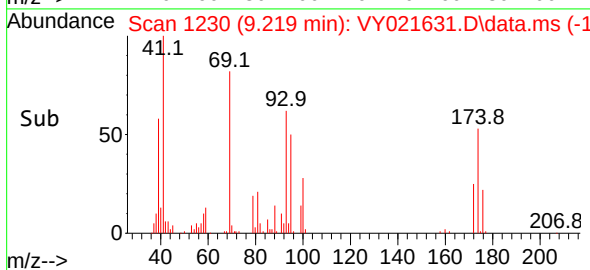
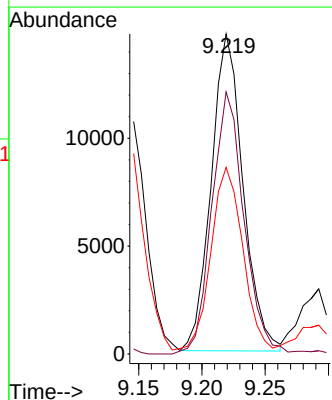
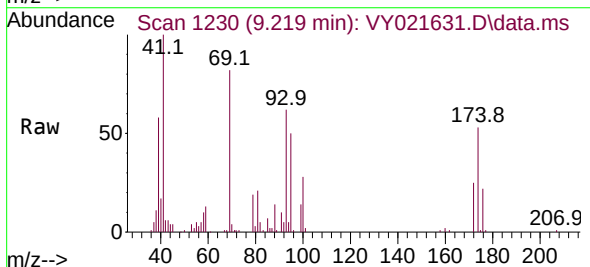
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

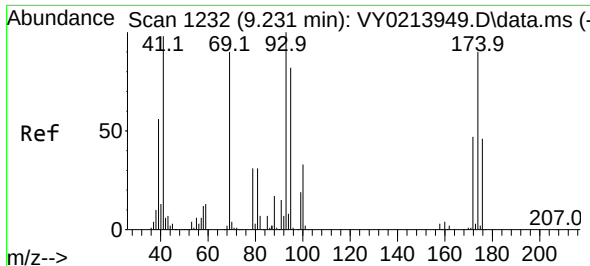
Tgt Ion: 83 Resp: 67725  
Ion Ratio Lower Upper  
83 100  
85 62.5 51.1 76.7  
127 8.7 6.7 10.1



#48  
Methyl methacrylate  
Concen: 22.547 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 41 Resp: 25710  
Ion Ratio Lower Upper  
41 100  
69 83.6 67.8 101.8  
39 59.3 46.4 69.6





#49

1,4-Dioxane

Concen: 524.929 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

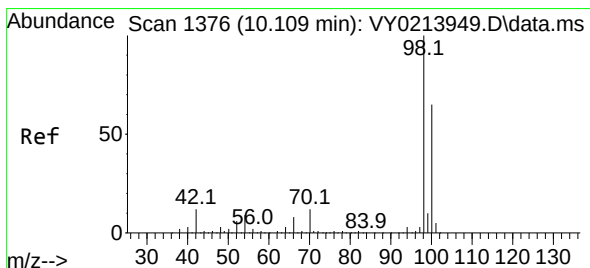
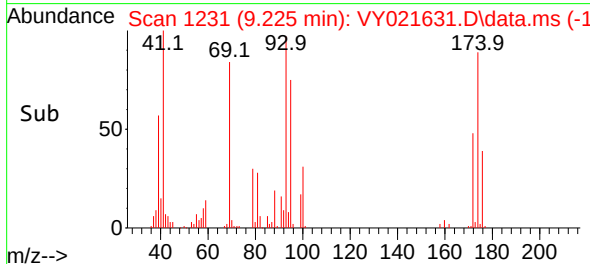
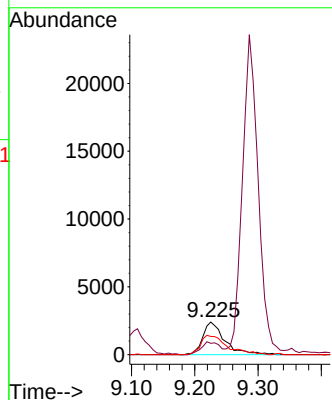
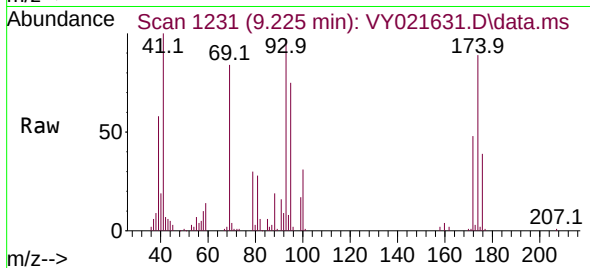
Tgt Ion: 88 Resp: 5817

Ion Ratio Lower Upper

88 100

43 34.7 25.0 37.4

58 71.2 58.4 87.6



#50

Toluene-d8

Concen: 52.089 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY021631.D

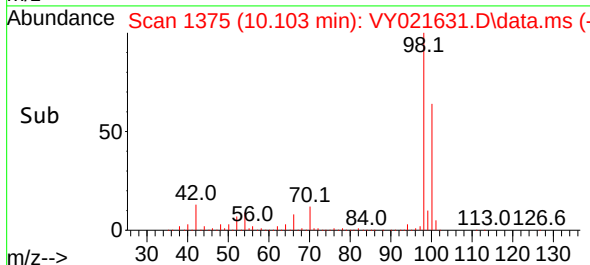
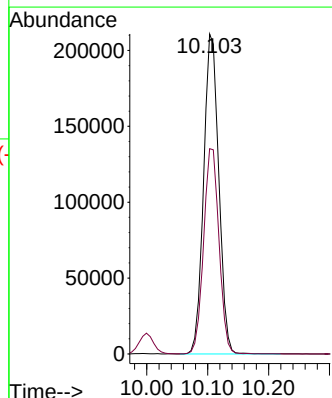
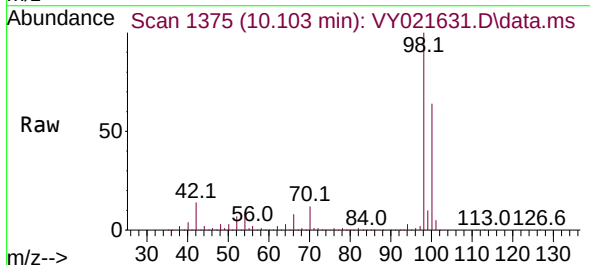
Acq: 25 Mar 2025 12:59

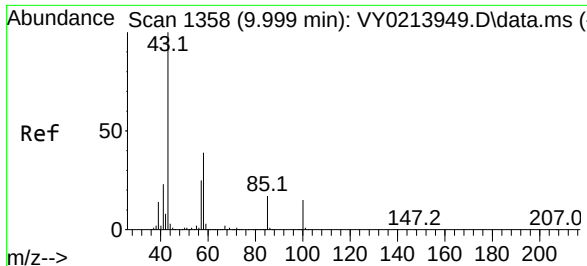
Tgt Ion: 98 Resp: 364657

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

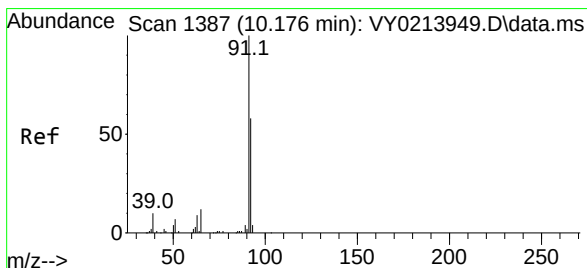
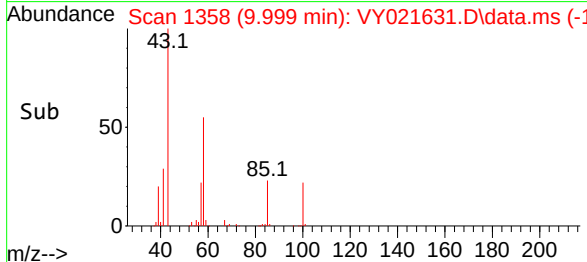
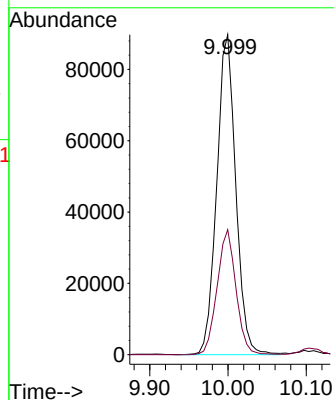
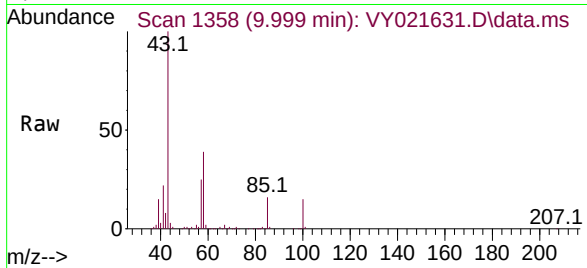




#51  
4-Methyl-2-Pentanone  
Concen: 118.288 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

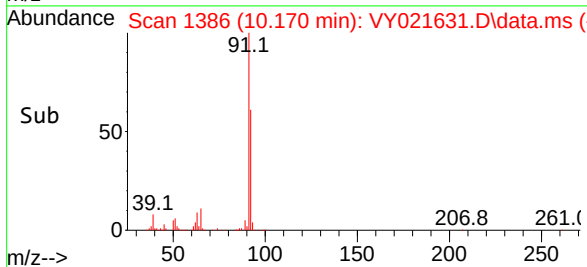
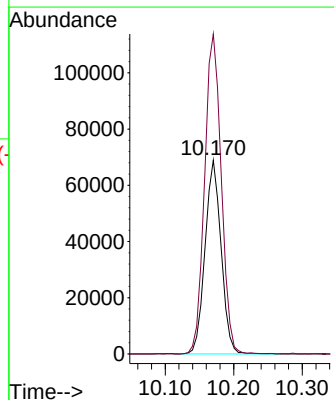
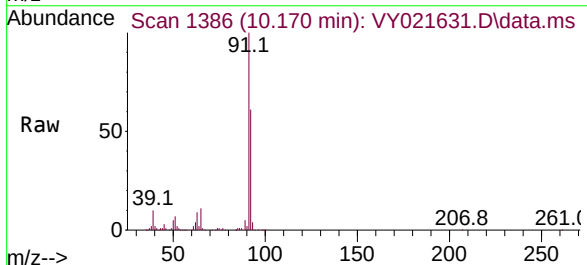
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

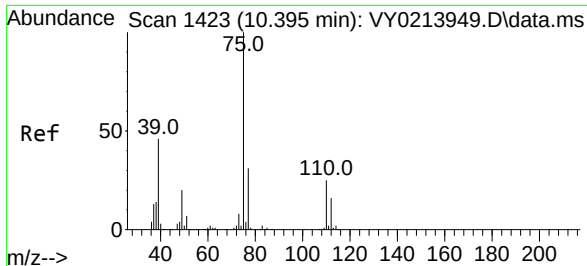
Tgt Ion: 43 Resp: 151557  
Ion Ratio Lower Upper  
43 100  
58 38.8 31.4 47.2



#52  
Toluene  
Concen: 20.928 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 92 Resp: 112490  
Ion Ratio Lower Upper  
92 100  
91 171.4 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 21.418 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

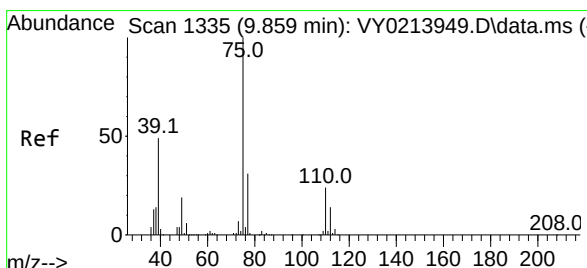
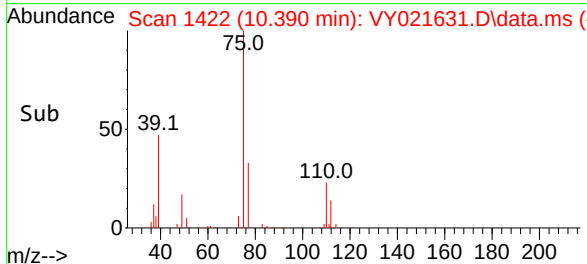
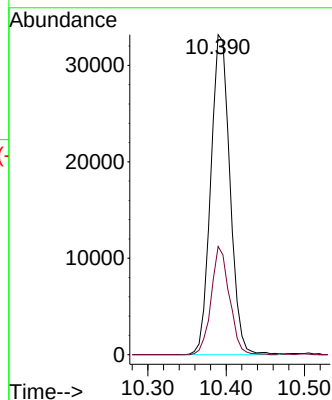
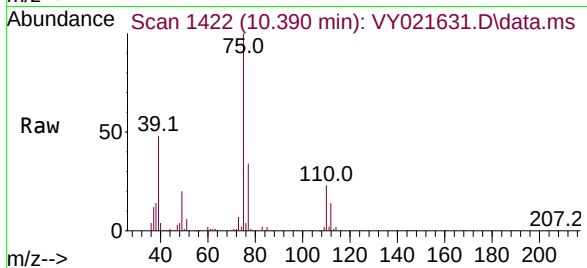
VY0325SBS01

Tgt Ion: 75 Resp: 56575

Ion Ratio Lower Upper

75 100

77 33.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 21.167 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

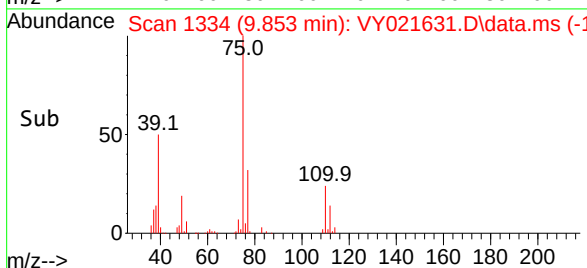
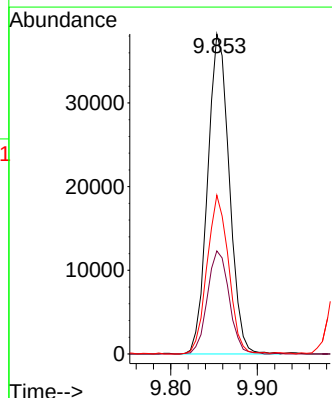
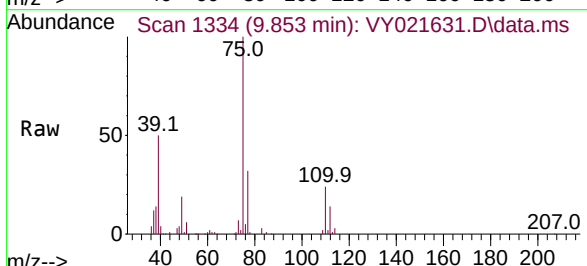
Tgt Ion: 75 Resp: 66385

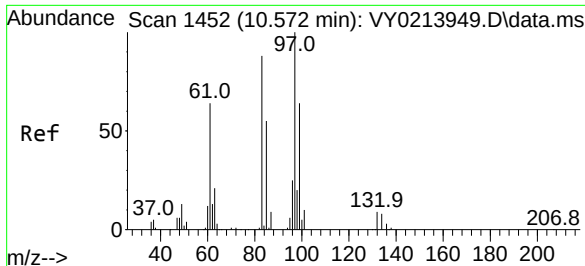
Ion Ratio Lower Upper

75 100

77 32.2 24.6 37.0

39 49.6 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 23.661 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

Tgt Ion: 97 Resp: 34943

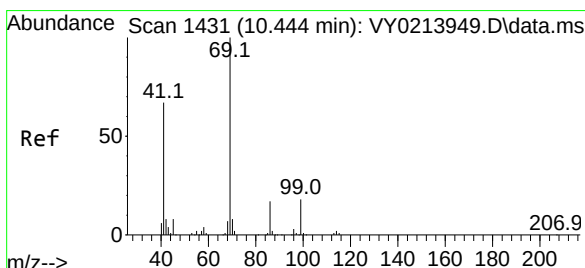
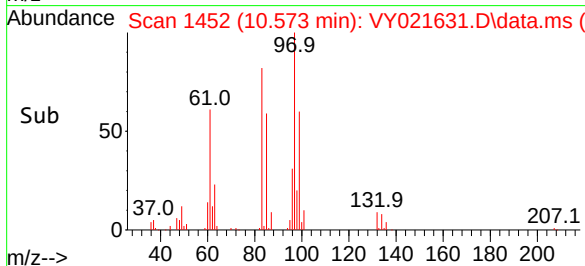
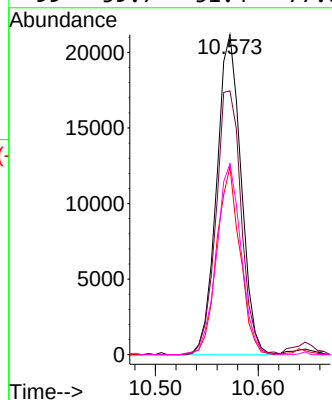
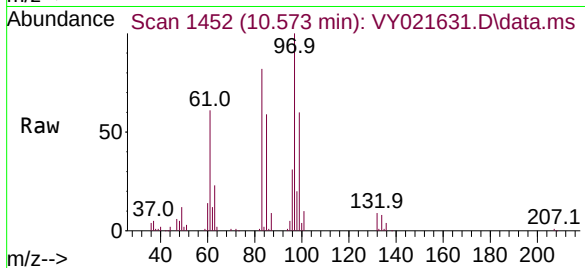
Ion Ratio Lower Upper

97 100

83 82.5 70.0 105.0

85 58.7 44.3 66.5

99 59.7 51.4 77.0



#56

Ethyl methacrylate

Concen: 22.051 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

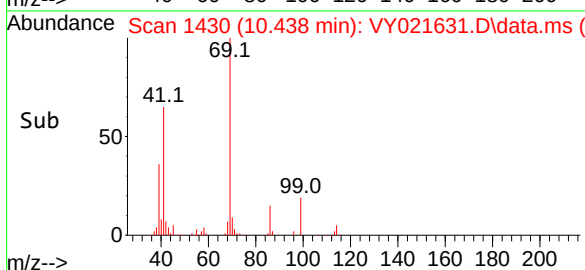
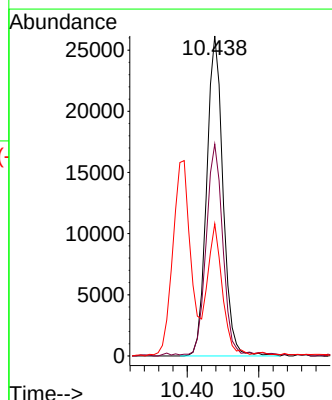
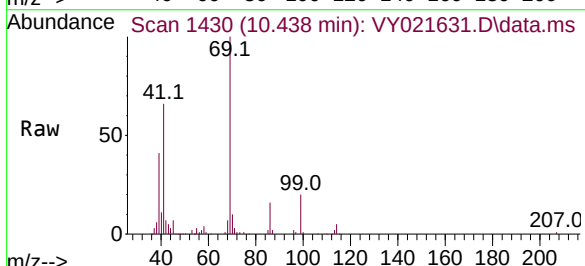
Tgt Ion: 69 Resp: 41533

Ion Ratio Lower Upper

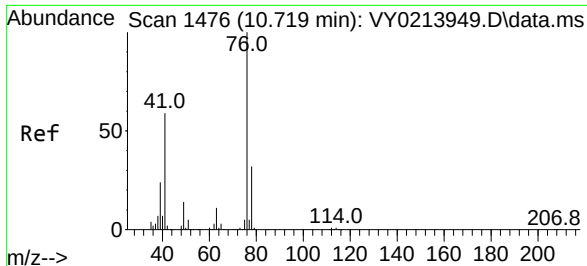
69 100

41 66.1 53.3 79.9

39 35.7 31.0 46.6







#57

1,3-Dichloropropane

Concen: 22.417 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

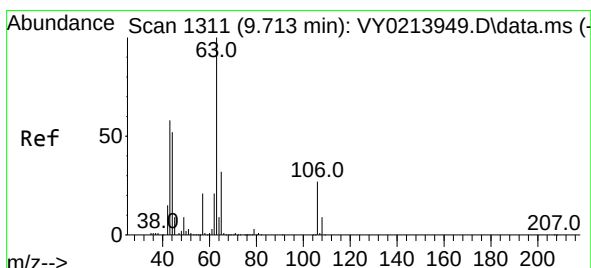
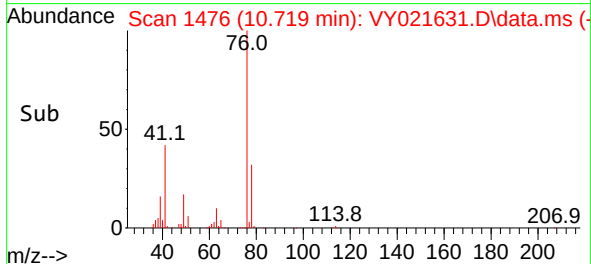
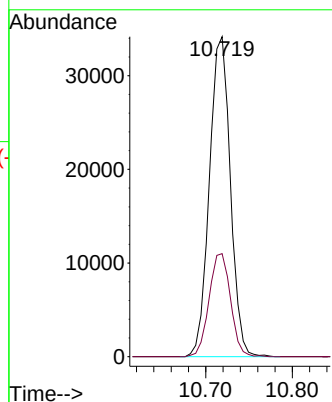
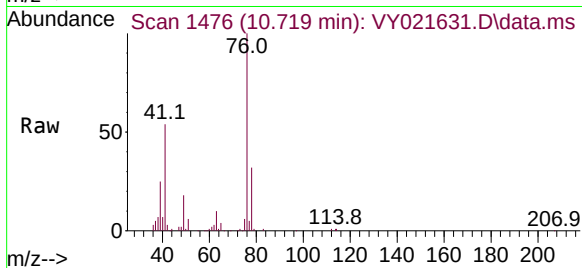
VY0325SBS01

Tgt Ion: 76 Resp: 57380

Ion Ratio Lower Upper

76 100

78 33.0 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 115.799 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021631.D

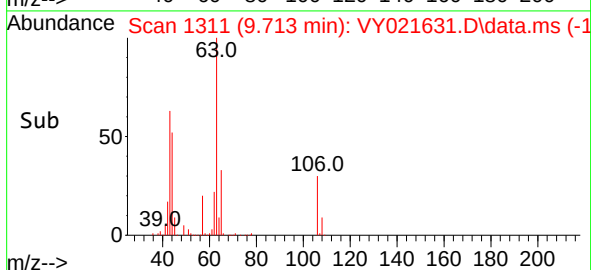
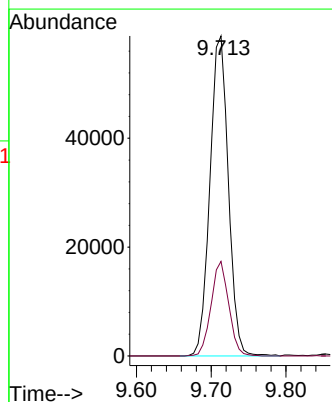
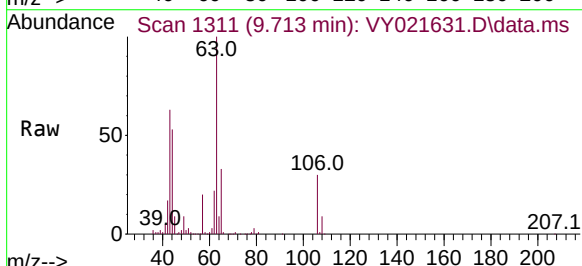
Acq: 25 Mar 2025 12:59

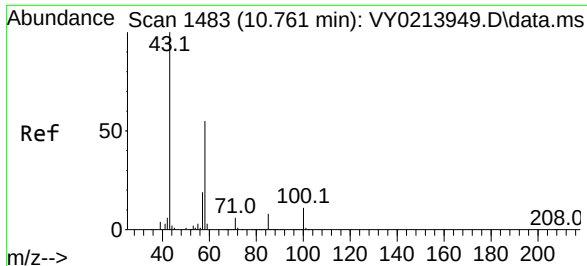
Tgt Ion: 63 Resp: 100684

Ion Ratio Lower Upper

63 100

106 28.3 22.1 33.1





#59

2-Hexanone

Concen: 116.862 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

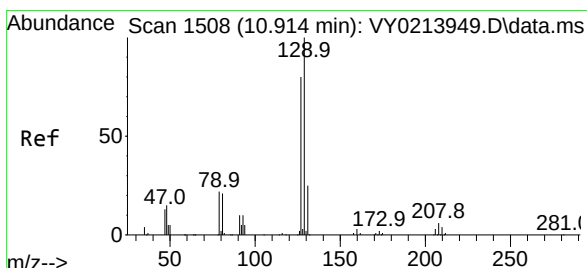
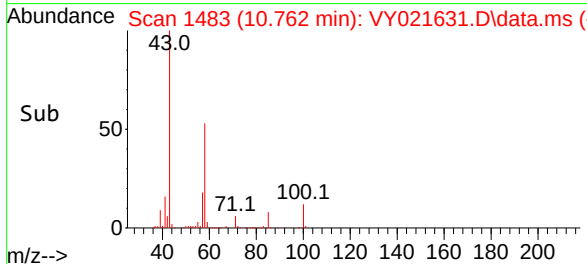
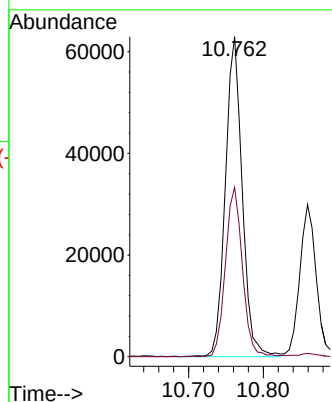
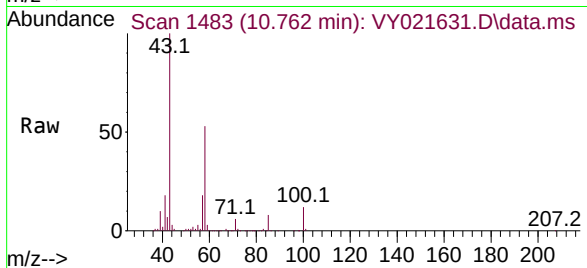
VY0325SBS01

Tgt Ion: 43 Resp: 99005

Ion Ratio Lower Upper

43 100

58 53.4 27.3 81.8



#60

Dibromochloromethane

Concen: 23.230 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY021631.D

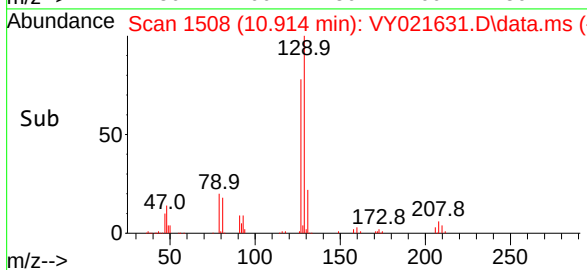
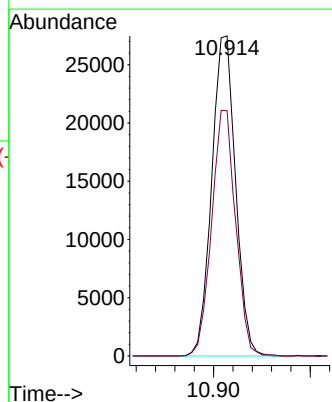
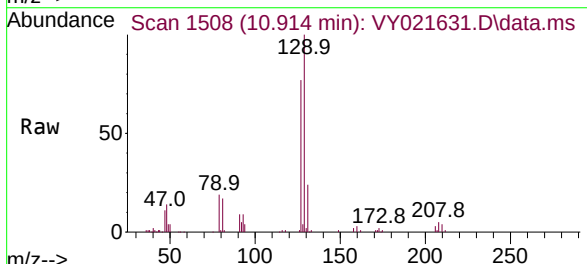
Acq: 25 Mar 2025 12:59

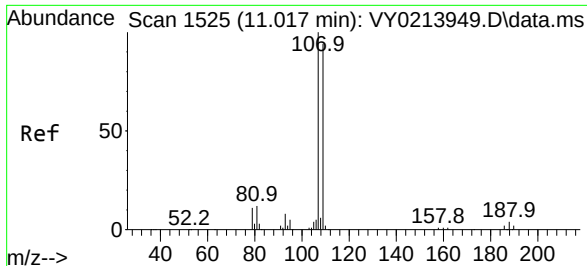
Tgt Ion:129 Resp: 47032

Ion Ratio Lower Upper

129 100

127 77.1 39.1 117.3

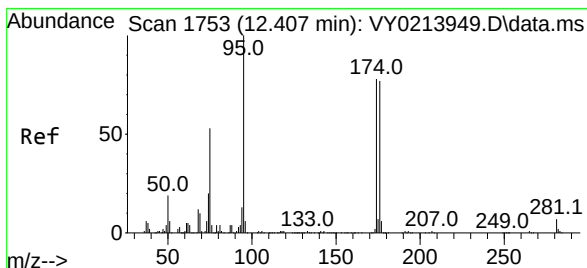
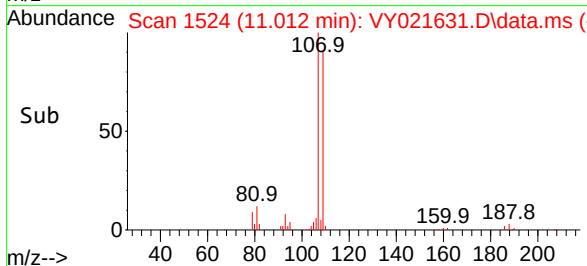
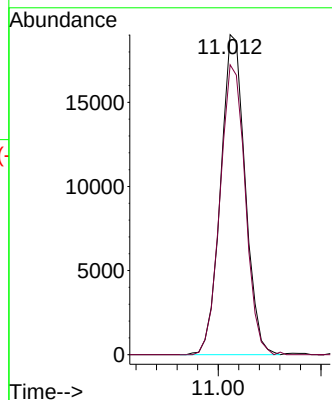
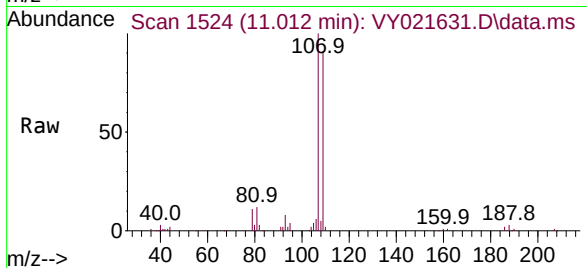




#61  
 1,2-Dibromoethane  
 Concen: 22.551 ug/l  
 RT: 11.012 min Scan# 1524  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

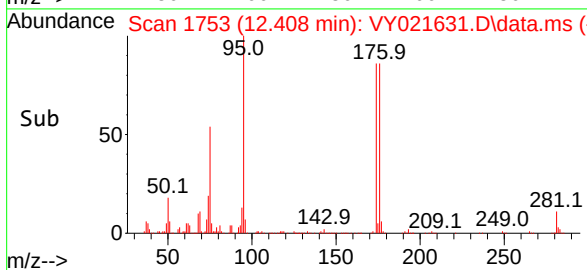
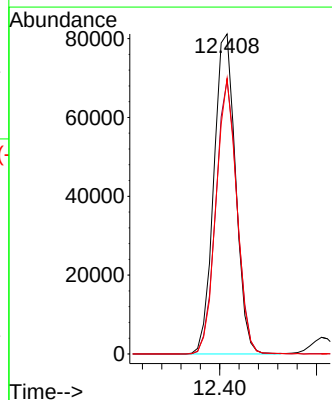
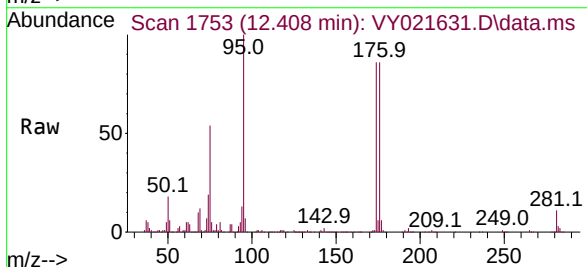
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

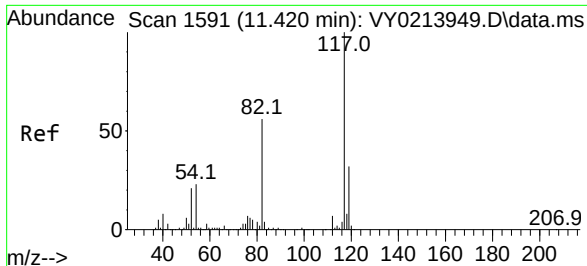
Tgt Ion:107 Resp: 31432  
 Ion Ratio Lower Upper  
 107 100  
 109 93.0 75.8 113.8



#62  
 4-Bromofluorobenzene  
 Concen: 53.199 ug/l  
 RT: 12.408 min Scan# 1753  
 Delta R.T. 0.000 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 95 Resp: 126684  
 Ion Ratio Lower Upper  
 95 100  
 174 83.1 0.0 165.0  
 176 82.1 0.0 160.0

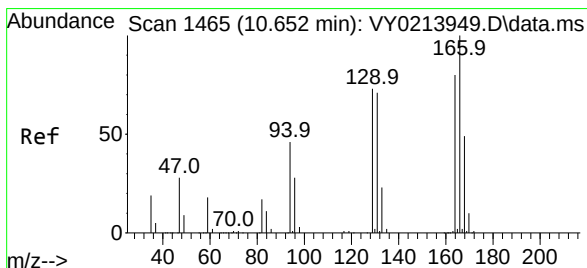
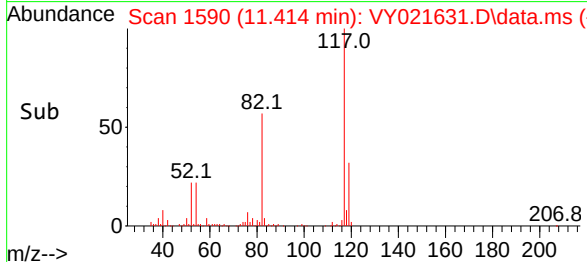
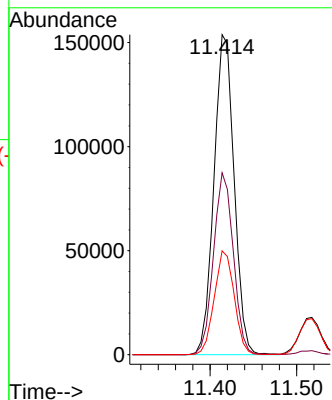
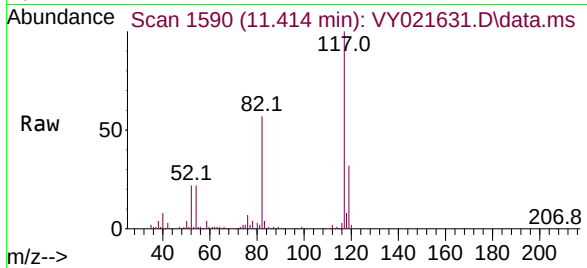




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

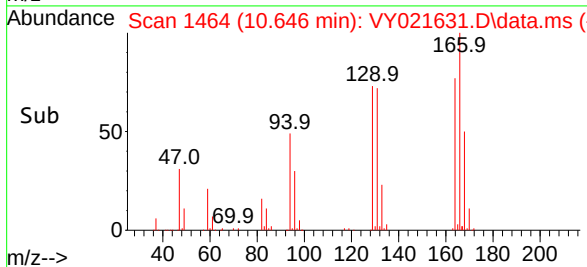
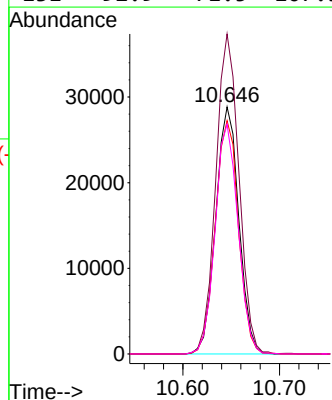
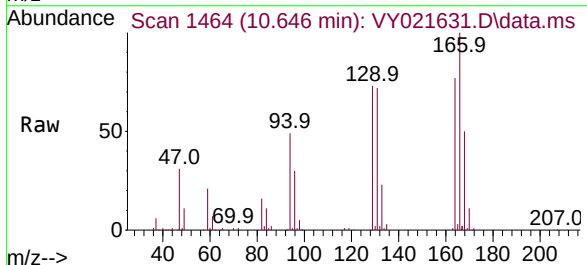
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

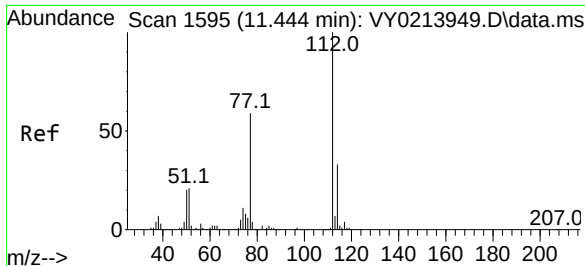
Tgt Ion:117 Resp: 248863  
Ion Ratio Lower Upper  
117 100  
82 56.8 44.6 67.0  
119 32.5 25.4 38.0



#64  
Tetrachloroethene  
Concen: 23.611 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:164 Resp: 47781  
Ion Ratio Lower Upper  
164 100  
166 129.5 100.4 150.6  
129 94.4 73.8 110.8  
131 92.9 71.5 107.3

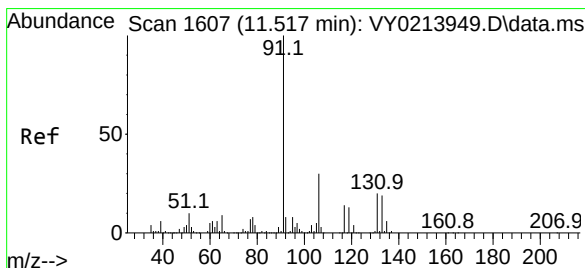
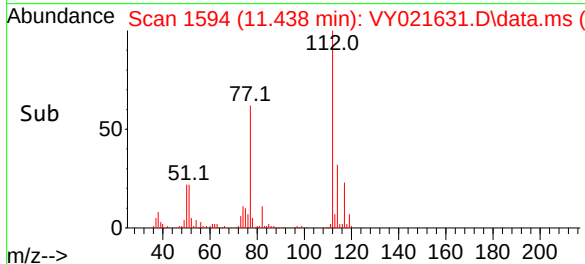
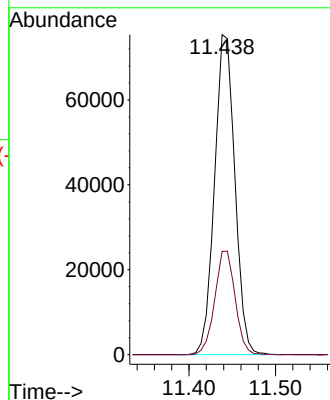
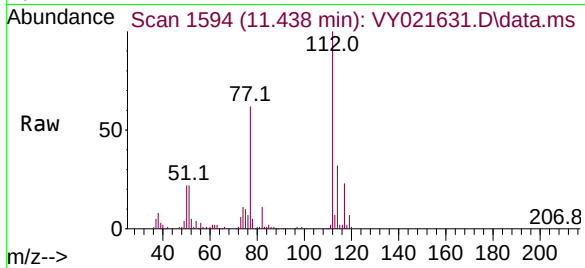




#65  
Chlorobenzene  
Concen: 20.939 ug/l  
RT: 11.438 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

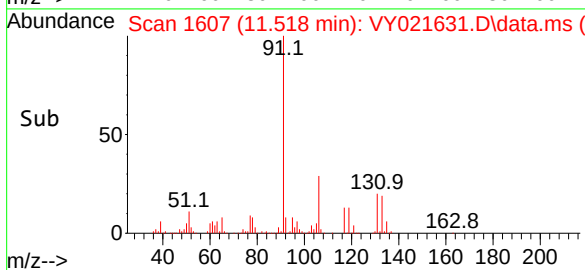
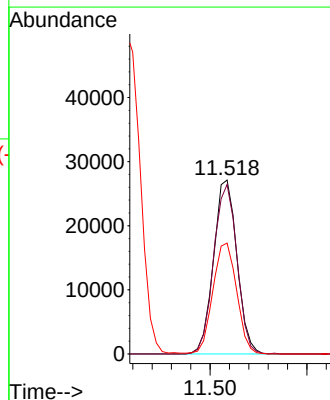
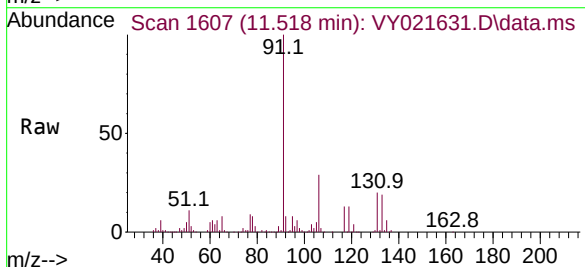
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

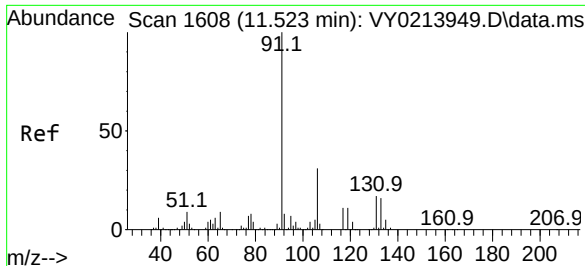
Tgt Ion:112 Resp: 123052  
Ion Ratio Lower Upper  
112 100  
114 32.3 26.1 39.1



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.988 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:131 Resp: 45685  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.6 142.9  
119 64.7 32.3 96.9

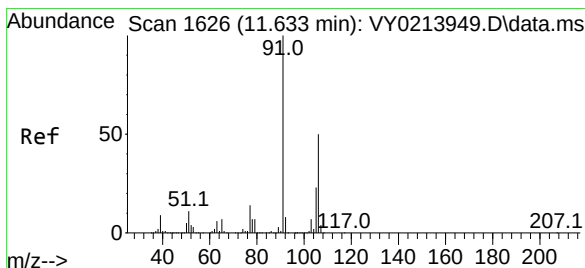
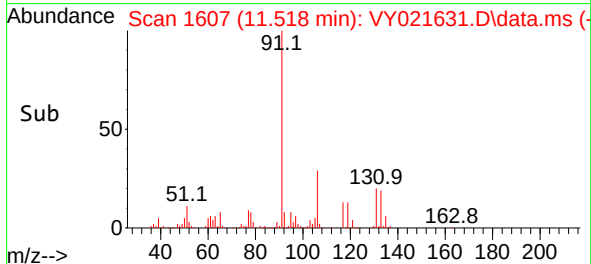
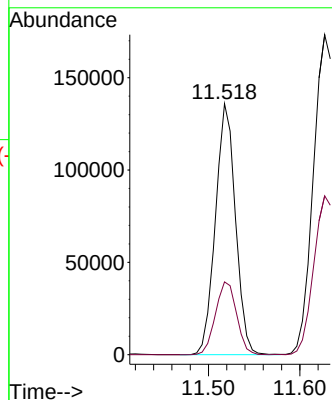
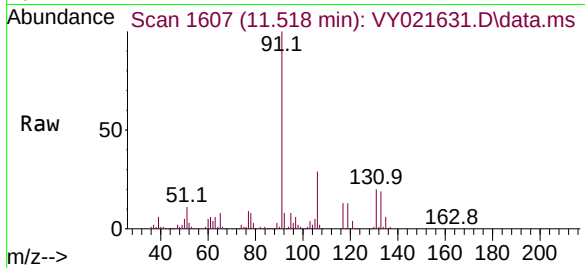




#67  
Ethyl Benzene  
Concen: 20.083 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

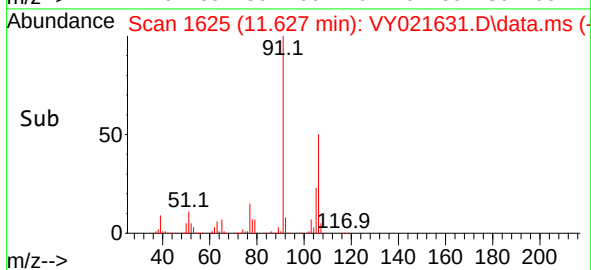
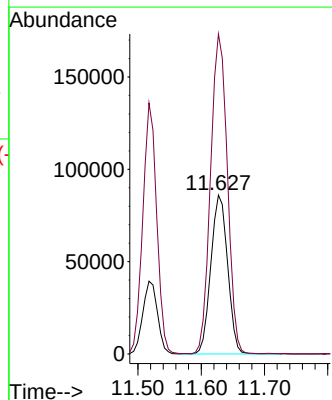
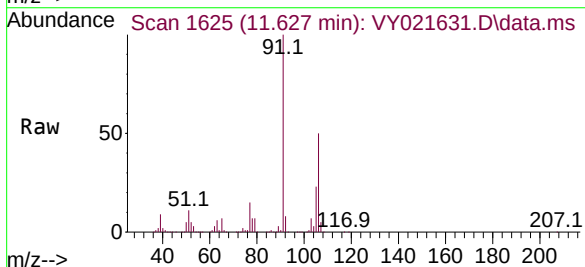
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

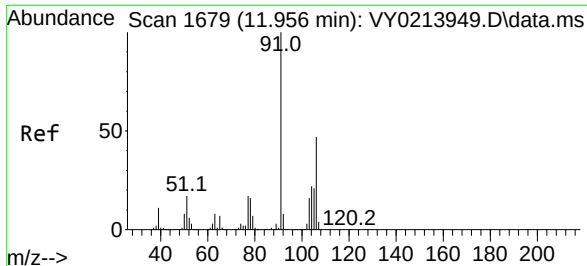
Tgt Ion: 91 Resp: 207154  
Ion Ratio Lower Upper  
91 100  
106 29.0 24.6 36.8



#68  
m/p-Xylenes  
Concen: 40.408 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 106 Resp: 158239  
Ion Ratio Lower Upper  
106 100  
91 201.4 161.7 242.5

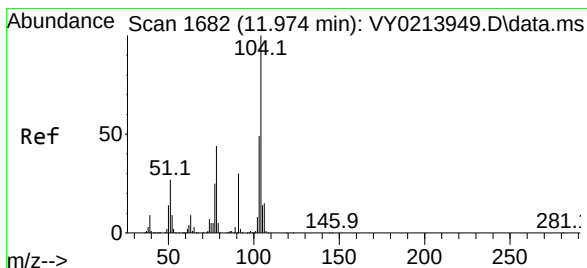
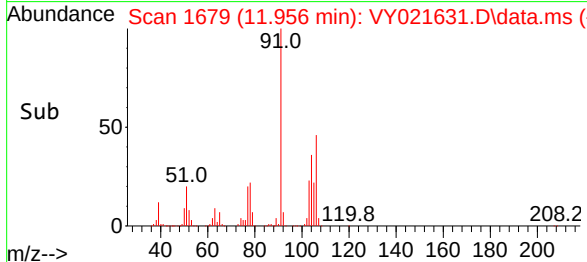
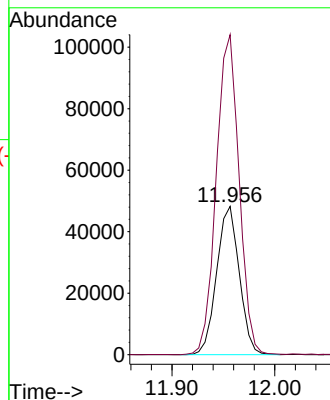
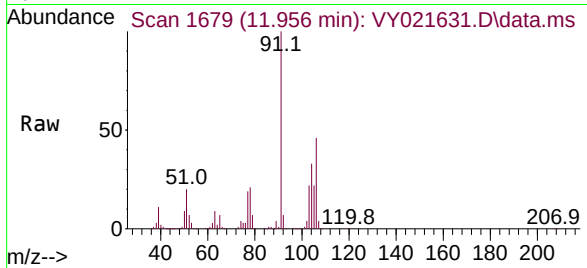




#69  
o-Xylene  
Concen: 20.396 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

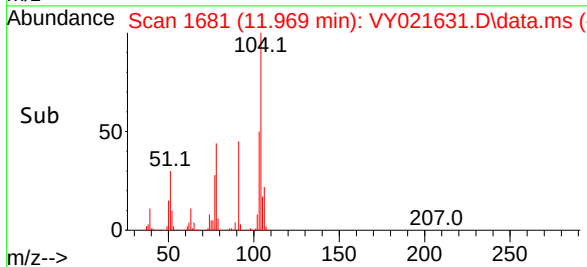
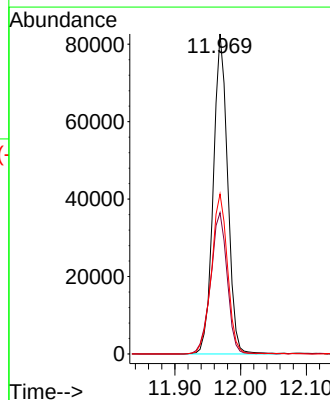
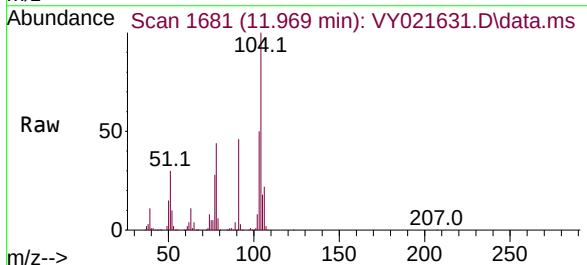
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

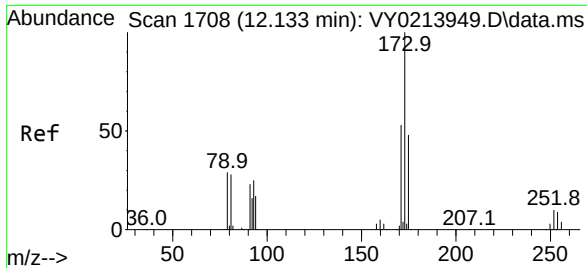
Tgt Ion:106 Resp: 73614  
Ion Ratio Lower Upper  
106 100  
91 218.2 107.6 322.8



#70  
Styrene  
Concen: 21.029 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:104 Resp: 125909  
Ion Ratio Lower Upper  
104 100  
78 50.2 40.7 61.1  
103 55.8 44.1 66.1

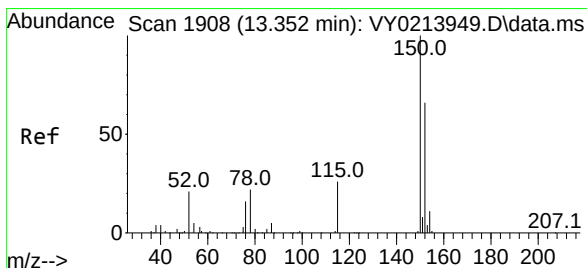
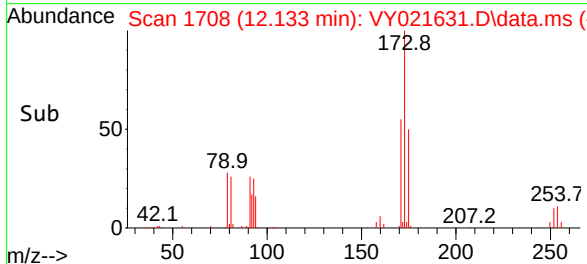
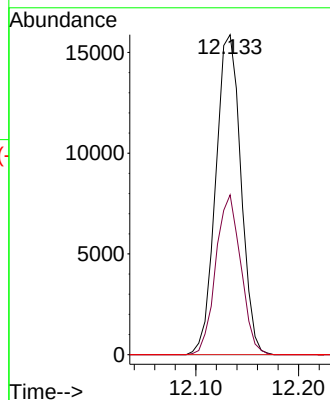
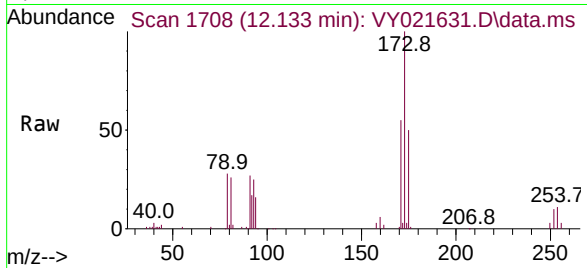




#71  
Bromoform  
Concen: 23.226 ug/l  
RT: 12.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

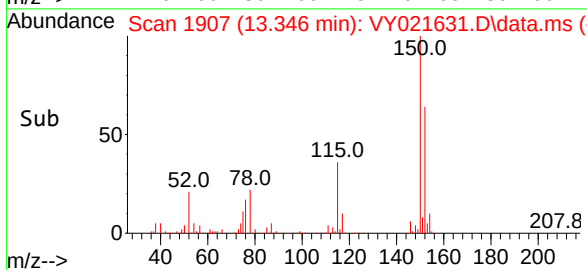
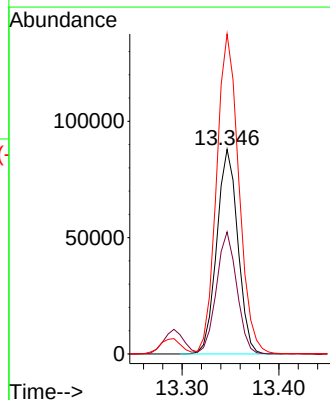
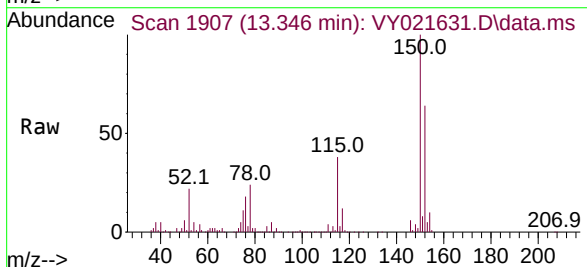
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

Tgt Ion:173 Resp: 26976  
Ion Ratio Lower Upper  
173 100  
175 49.7 23.9 71.7  
254 0.0 0.1 0.1#

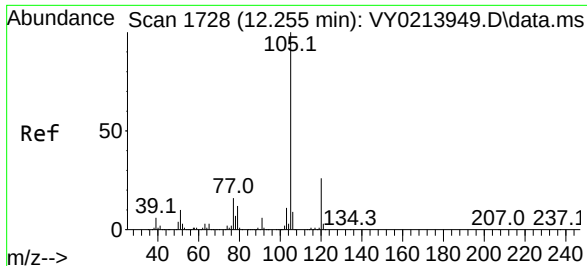


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion:152 Resp: 132727  
Ion Ratio Lower Upper  
152 100  
115 57.5 29.0 87.0  
150 166.0 0.0 347.2



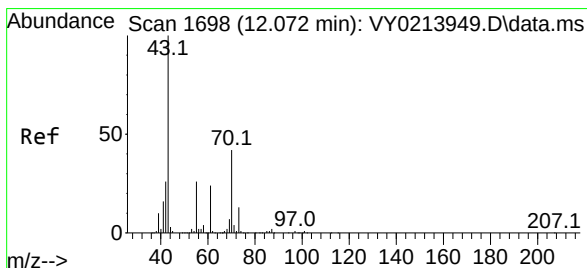
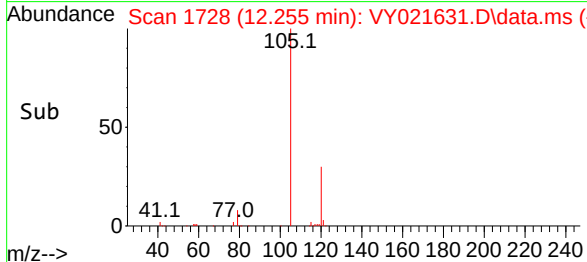
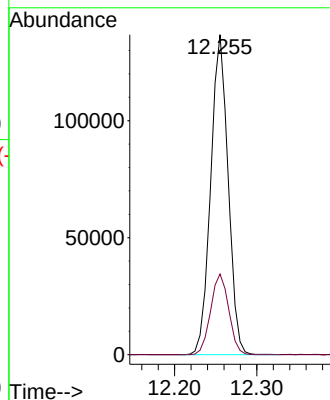
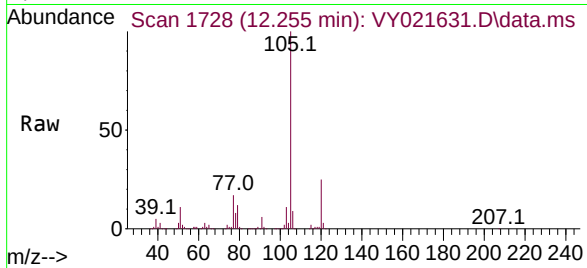




#73  
Isopropylbenzene  
Concen: 19.227 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

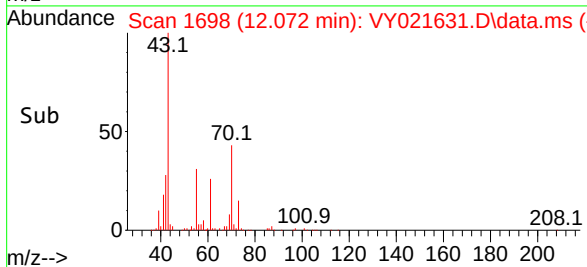
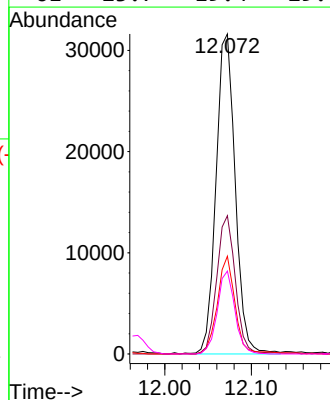
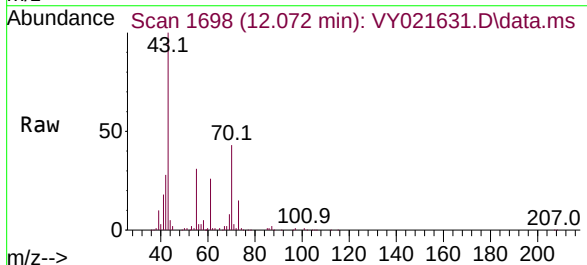
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBSD01

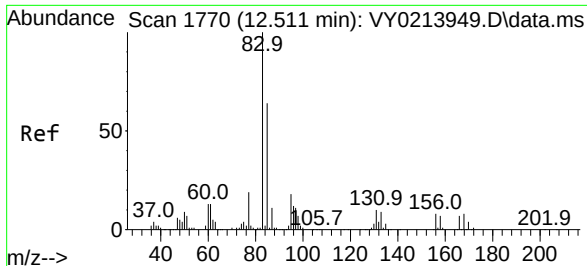
Tgt Ion:105 Resp: 201024  
Ion Ratio Lower Upper  
105 100  
120 26.1 13.1 39.3



#74  
N-ethyl acetate  
Concen: 21.448 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 43 Resp: 48701  
Ion Ratio Lower Upper  
43 100  
70 42.3 34.6 51.8  
55 28.5 21.1 31.7  
61 23.7 19.4 29.0

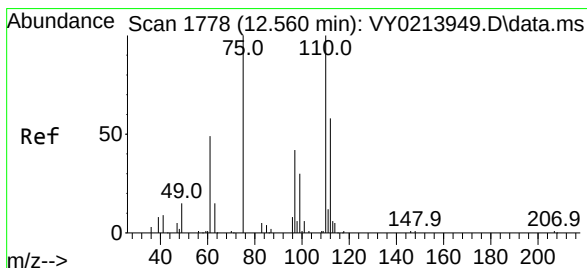
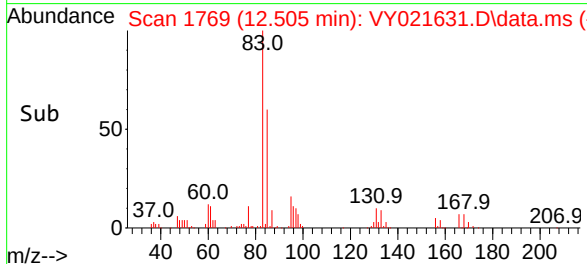
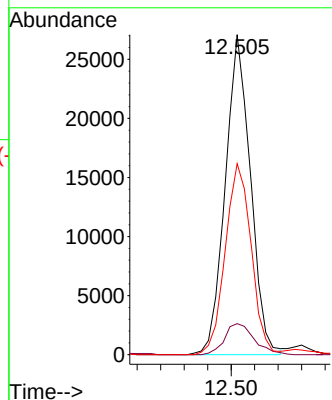
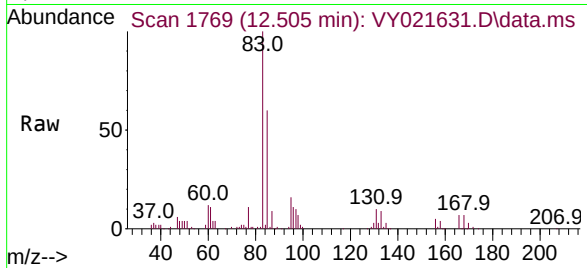




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 21.862 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

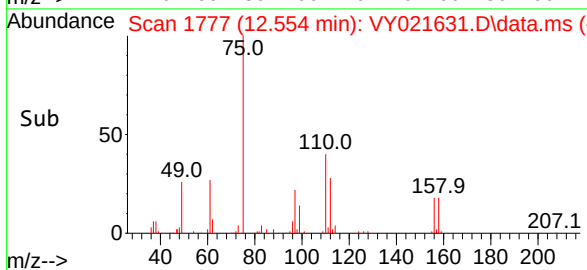
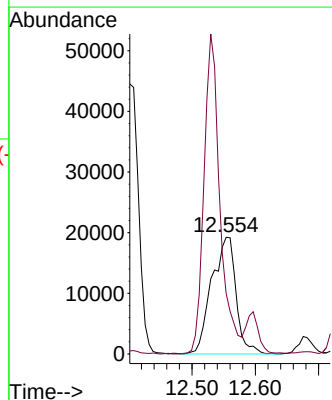
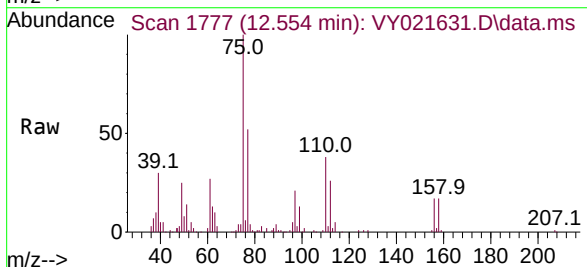
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

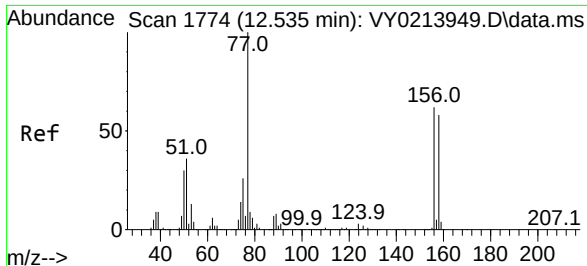
Tgt Ion: 83 Resp: 40336  
 Ion Ratio Lower Upper  
 83 100  
 131 11.4 5.3 16.1  
 85 61.5 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 38.553 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 75 Resp: 51564  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

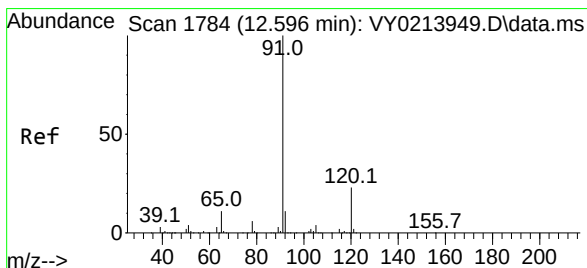
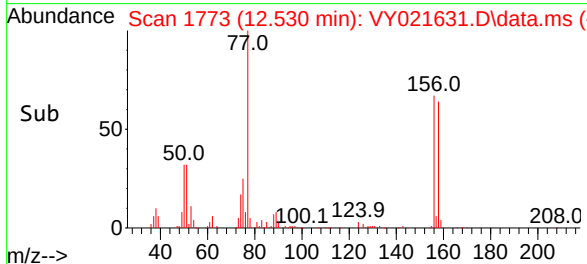
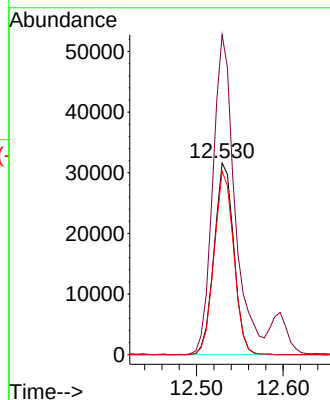
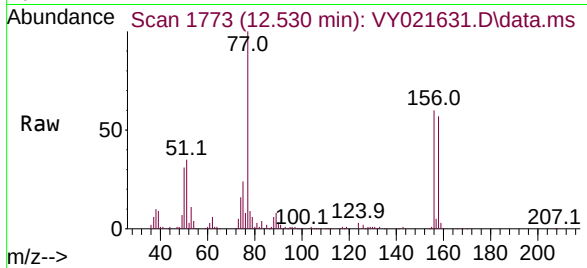




#77  
Bromobenzene  
Concen: 20.397 ug/l  
RT: 12.530 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

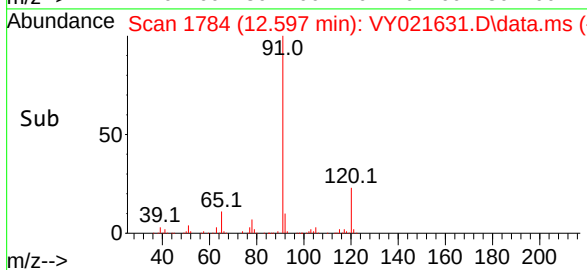
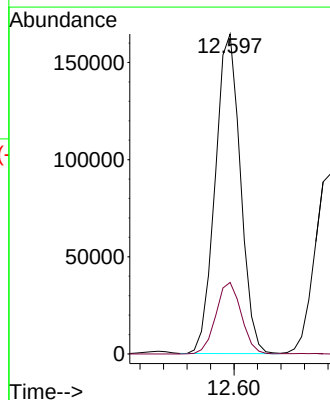
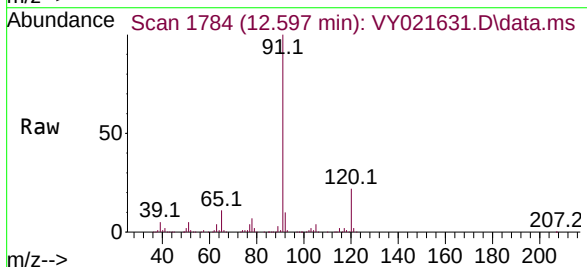
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

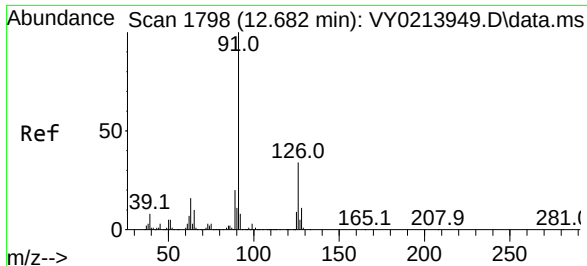
Tgt Ion:156 Resp: 49891  
Ion Ratio Lower Upper  
156 100  
77 186.9 93.6 280.8  
158 95.6 48.3 144.8



#78  
n-propylbenzene  
Concen: 19.286 ug/l  
RT: 12.597 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Tgt Ion: 91 Resp: 244887  
Ion Ratio Lower Upper  
91 100  
120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.739 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

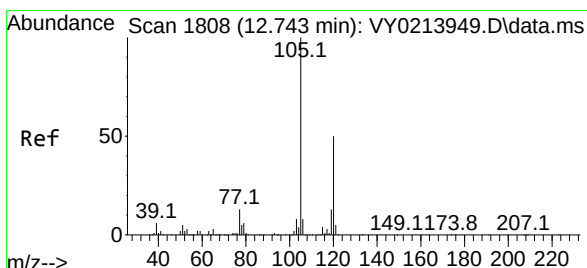
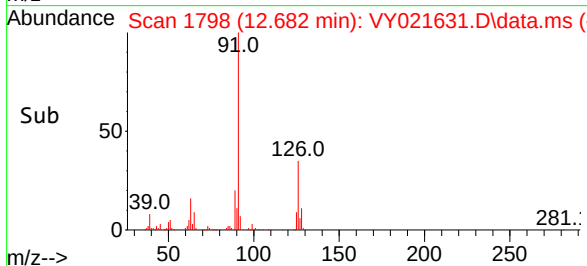
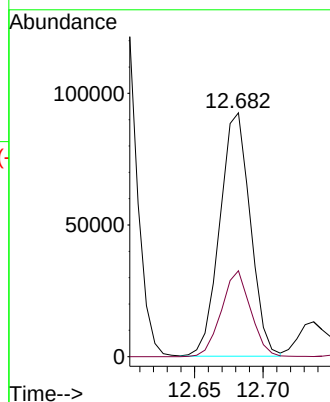
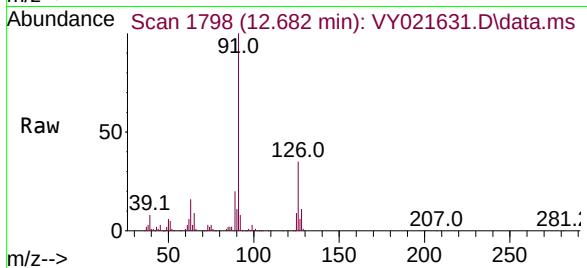
VY0325SBS01

Tgt Ion: 91 Resp: 143314

Ion Ratio Lower Upper

91 100

126 33.9 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.545 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VY021631.D

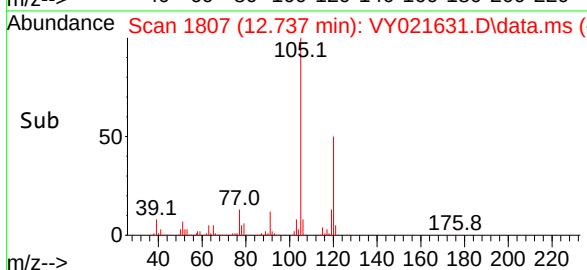
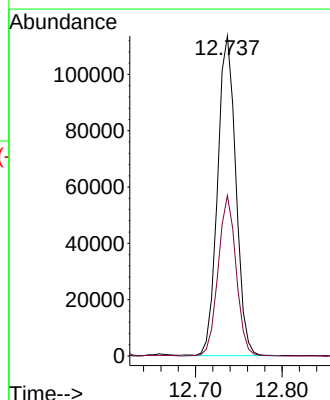
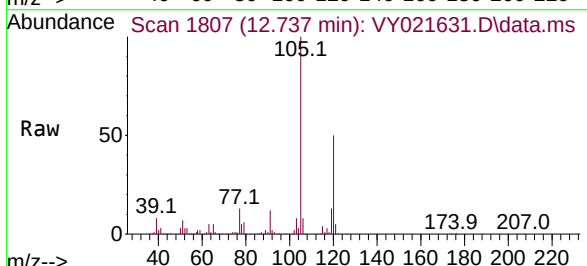
Acq: 25 Mar 2025 12:59

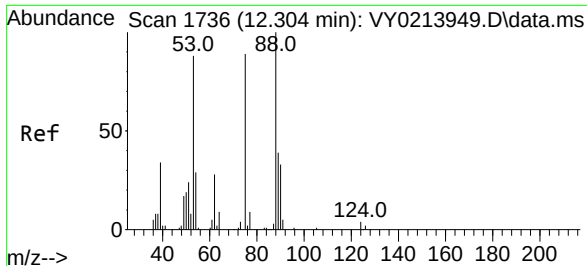
Tgt Ion: 105 Resp: 166063

Ion Ratio Lower Upper

105 100

120 49.4 24.6 73.6

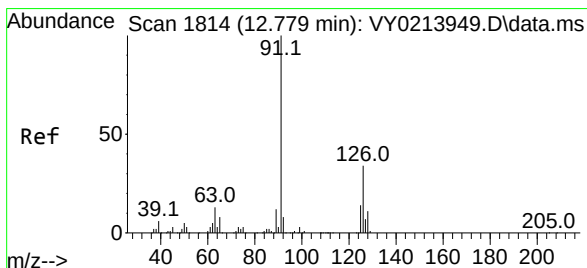
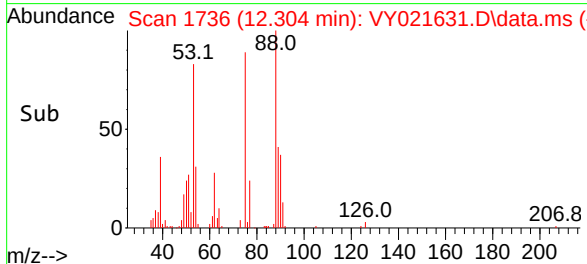
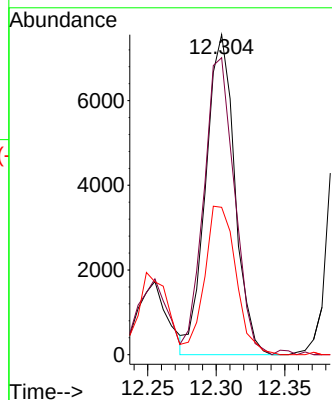
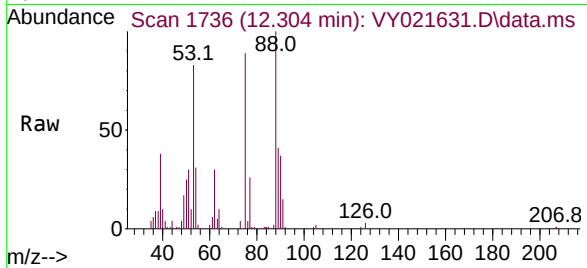




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 18.875 ug/l  
 RT: 12.304 min Scan# 1736  
 Delta R.T. 0.000 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

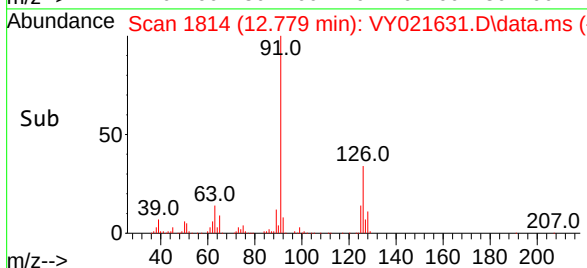
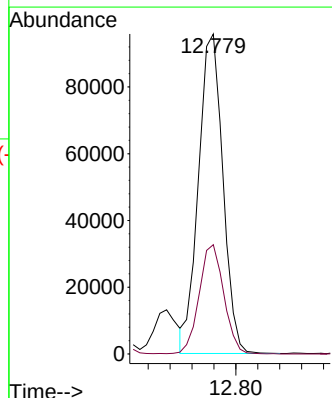
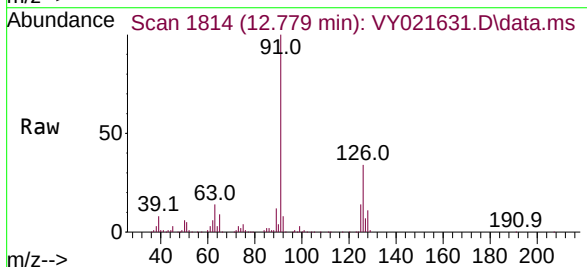
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

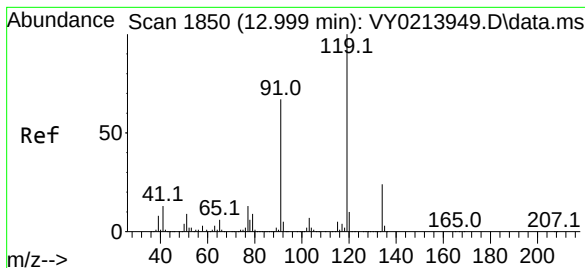
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 11105 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 98.5  | 81.0  | 121.4 |
| 89       | 50.4  | 36.9  | 55.3  |



#82  
 4-Chlorotoluene  
 Concen: 19.680 ug/l  
 RT: 12.779 min Scan# 1814  
 Delta R.T. 0.000 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 147962 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.6  | 17.0  | 51.0   |





#83

tert-Butylbenzene

Concen: 19.748 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

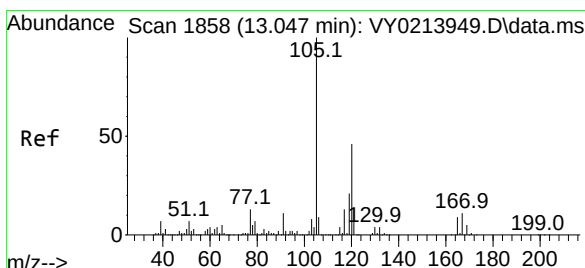
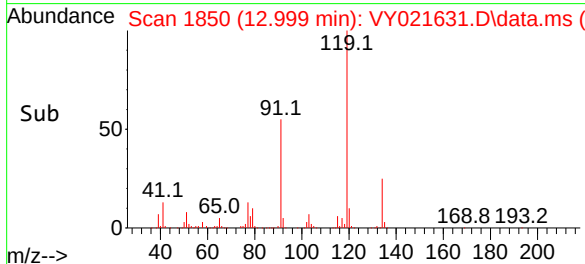
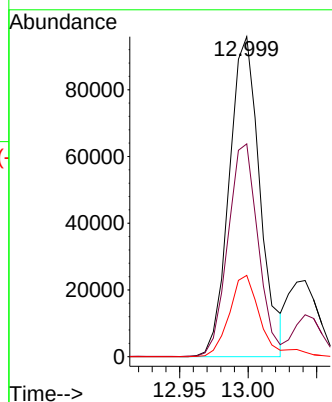
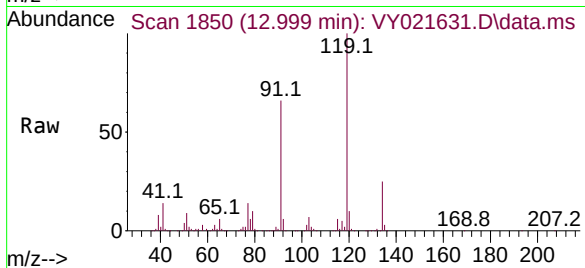
Tgt Ion:119 Resp: 149683

Ion Ratio Lower Upper

119 100

91 65.2 33.2 99.6

134 26.0 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 19.920 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY021631.D

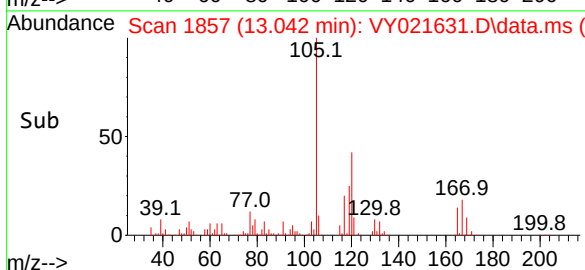
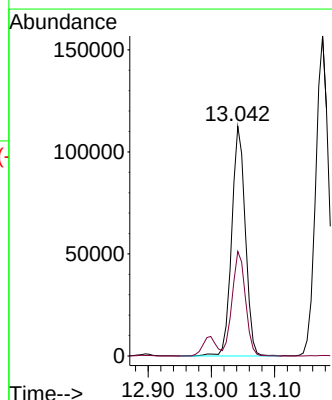
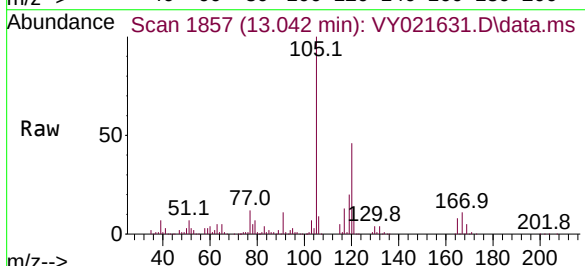
Acq: 25 Mar 2025 12:59

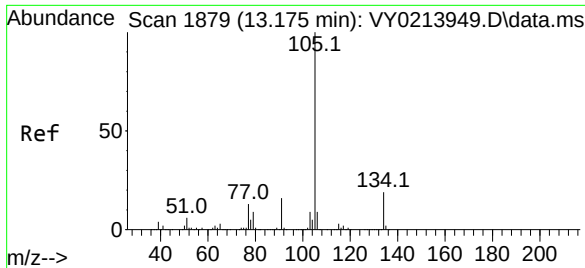
Tgt Ion:105 Resp: 168050

Ion Ratio Lower Upper

105 100

120 44.4 22.7 68.1

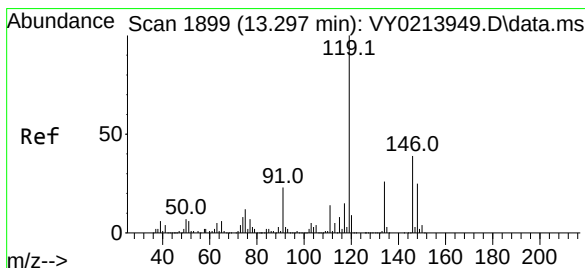
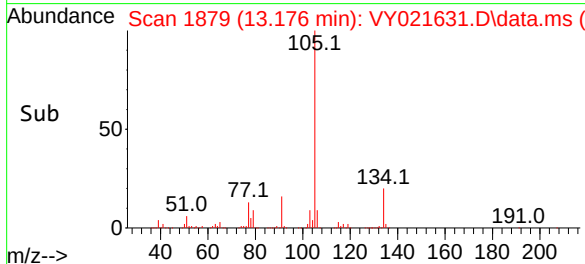
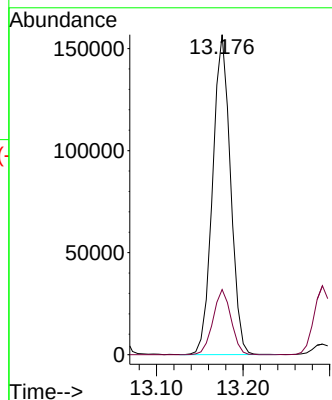
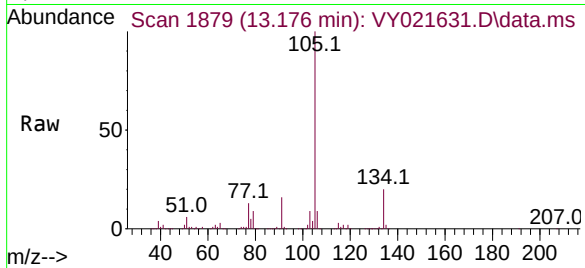




#85  
 sec-Butylbenzene  
 Concen: 19.897 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

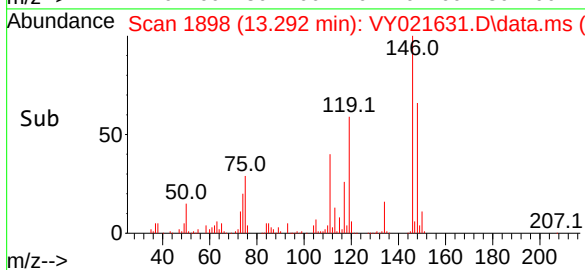
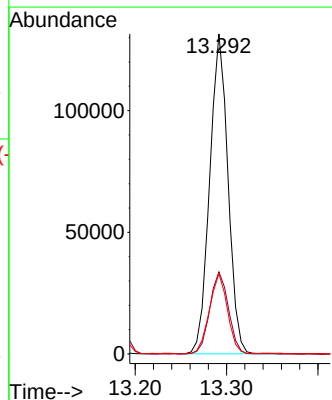
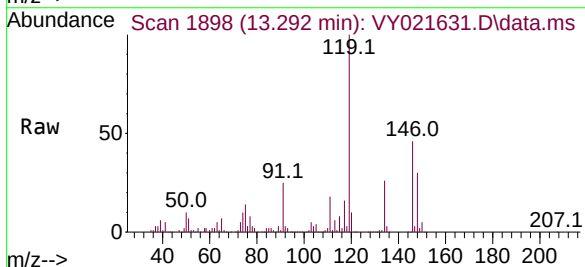
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

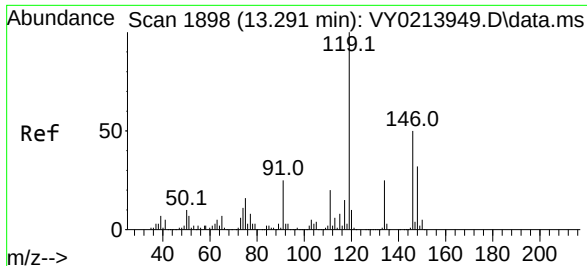
Tgt Ion:105 Resp: 224391  
 Ion Ratio Lower Upper  
 105 100  
 134 20.5 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 19.616 ug/l  
 RT: 13.292 min Scan# 1898  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion:119 Resp: 182252  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.1 39.1  
 91 24.6 12.2 36.6

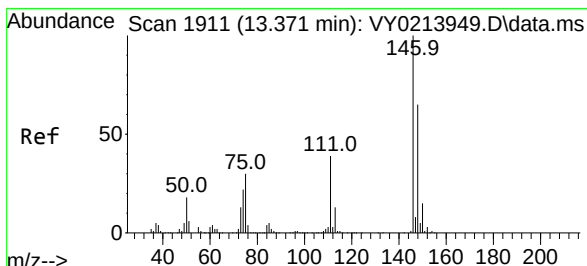
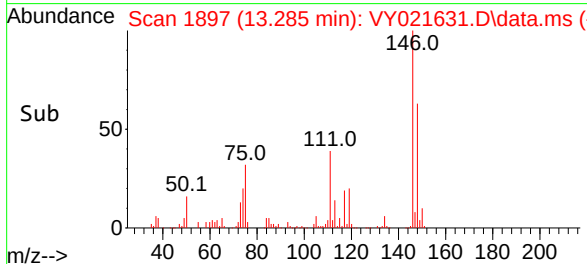
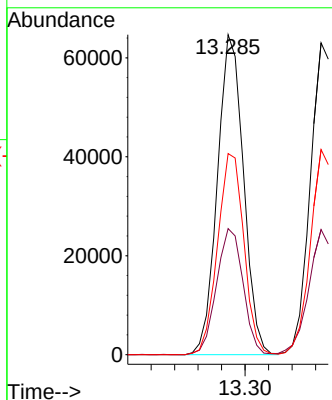
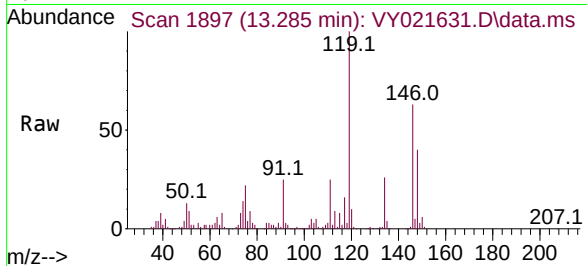




#87  
 1,3-Dichlorobenzene  
 Concen: 20.524 ug/l  
 RT: 13.285 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

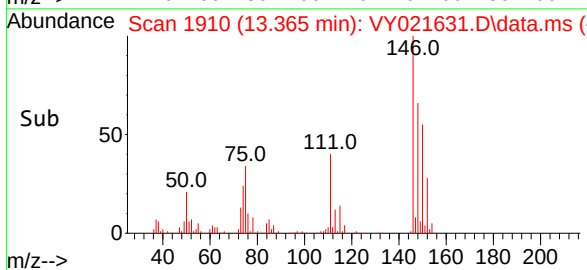
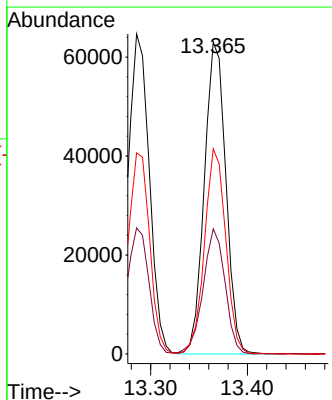
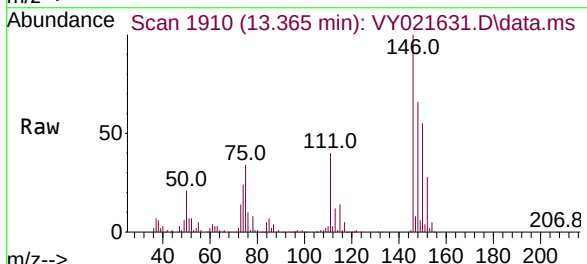
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBS01

Tgt Ion:146 Resp: 99930  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.0 60.0  
 148 63.3 31.8 95.3

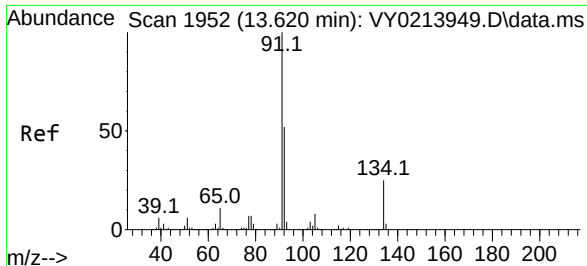


#88  
 1,4-Dichlorobenzene  
 Concen: 20.467 ug/l  
 RT: 13.365 min Scan# 1910  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion:146 Resp: 97457  
 Ion Ratio Lower Upper  
 146 100  
 111 41.0 19.6 58.8  
 148 65.1 32.3 96.8







#89

n-Butylbenzene

Concen: 19.329 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY021631.D

Acq: 25 Mar 2025 12:59

Instrument :

MSVOA\_Y

ClientSampleId :

VY0325SBS01

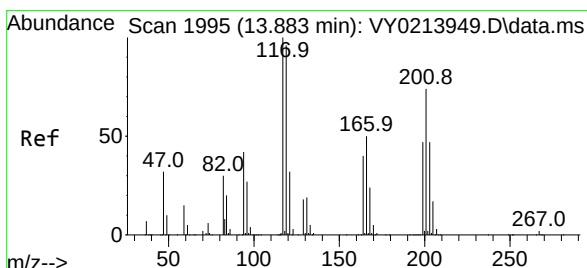
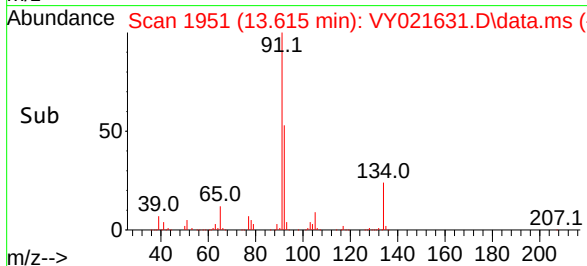
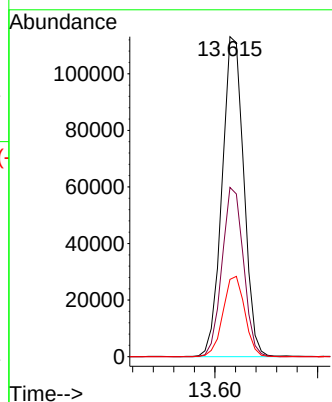
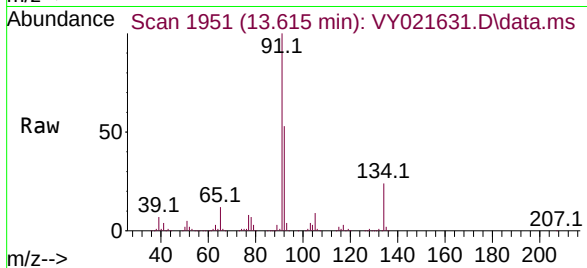
Tgt Ion: 91 Resp: 165833

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.3

134 25.2 12.6 37.8



#90

Hexachloroethane

Concen: 20.043 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY021631.D

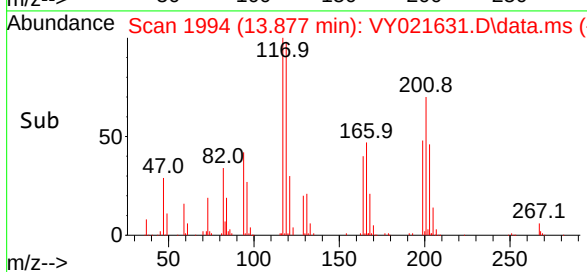
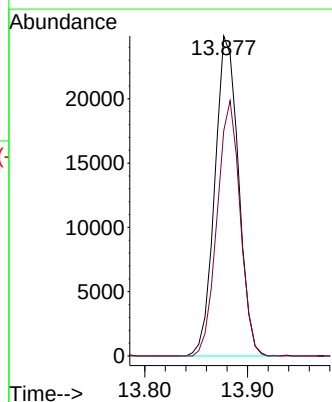
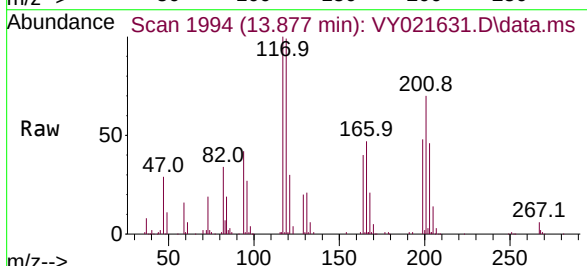
Acq: 25 Mar 2025 12:59

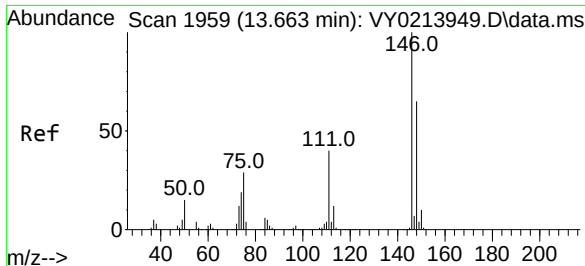
Tgt Ion: 117 Resp: 39726

Ion Ratio Lower Upper

117 100

201 77.5 37.4 112.2

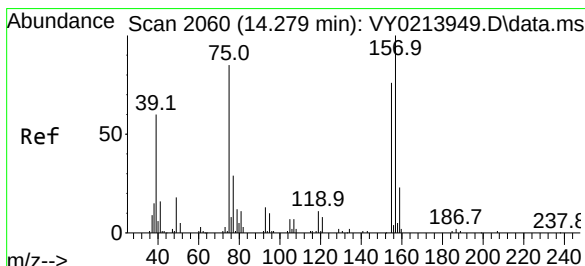
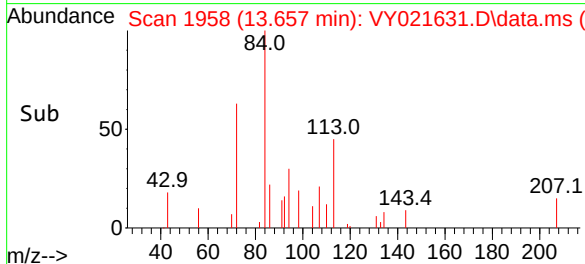
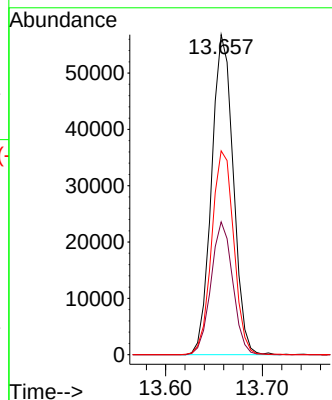
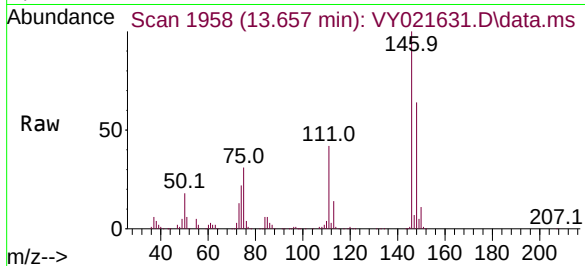




#91  
 1,2-Dichlorobenzene  
 Concen: 21.256 ug/l  
 RT: 13.657 min Scan# 1958  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

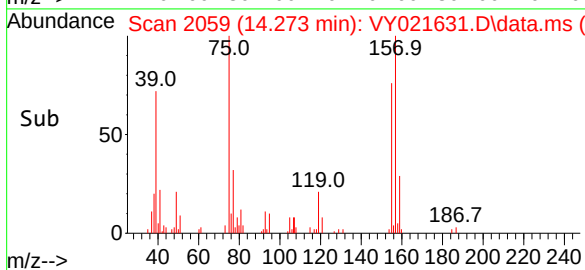
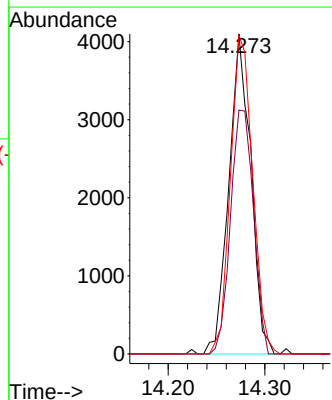
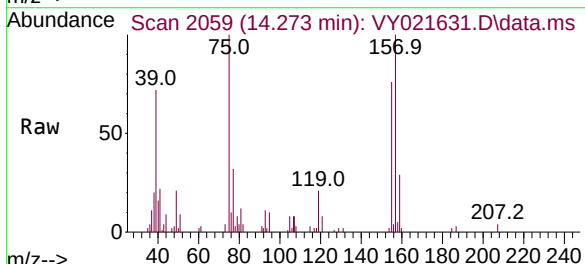
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBSD01

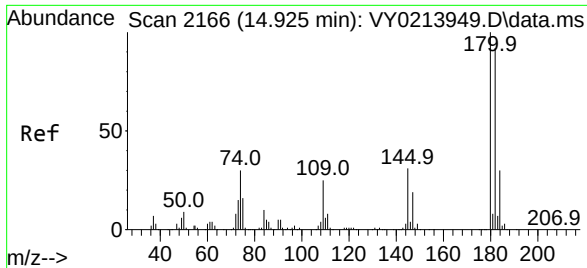
Tgt Ion:146 Resp: 88702  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.7 62.1  
 148 64.8 32.1 96.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 23.544 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion: 75 Resp: 6507  
 Ion Ratio Lower Upper  
 75 100  
 155 79.1 43.5 130.5  
 157 100.0 54.4 163.2

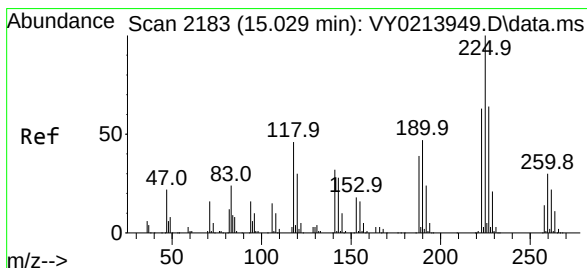
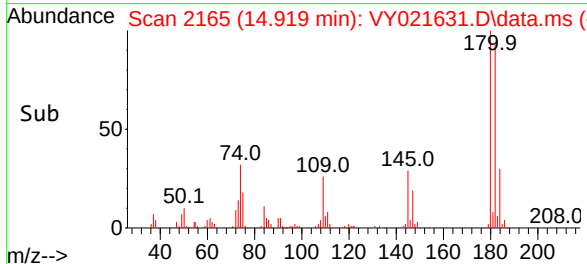
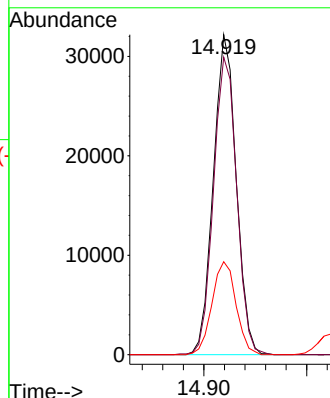
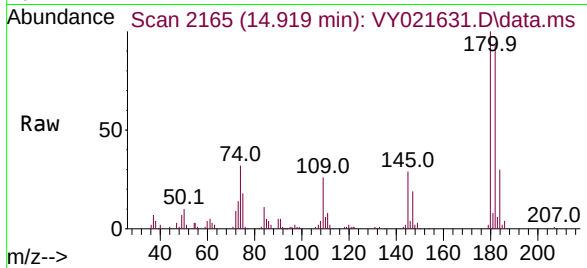




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.766 ug/l  
 RT: 14.919 min Scan# 2165  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

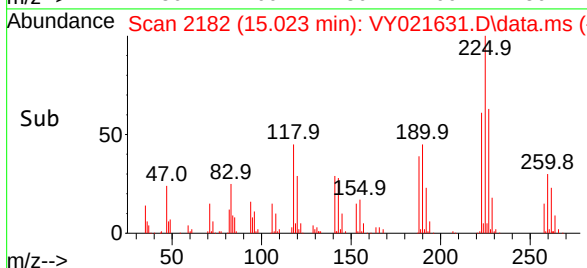
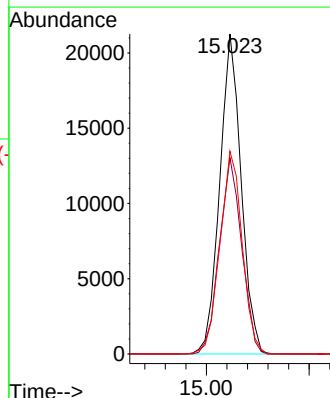
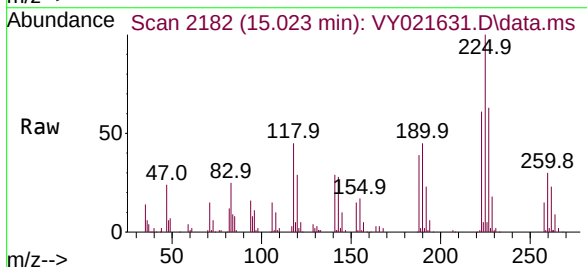
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0325SBSD01

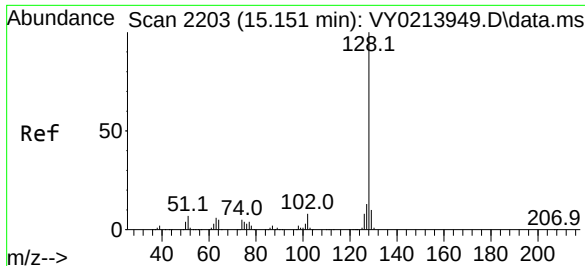
Tgt Ion:180 Resp: 49613  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 46.7 140.0  
 145 30.5 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 21.526 ug/l  
 RT: 15.023 min Scan# 2182  
 Delta R.T. -0.006 min  
 Lab File: VY021631.D  
 Acq: 25 Mar 2025 12:59

Tgt Ion:225 Resp: 30756  
 Ion Ratio Lower Upper  
 225 100  
 223 63.7 31.4 94.2  
 227 65.6 31.8 95.4

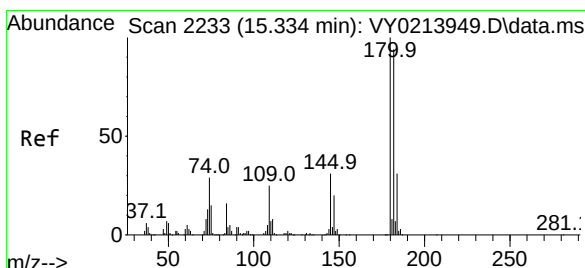
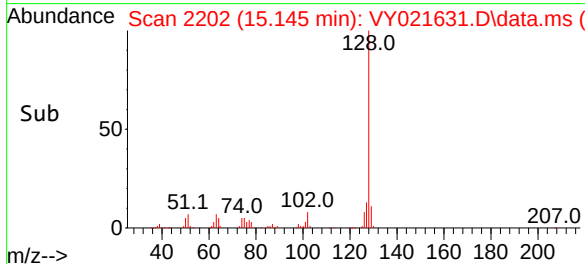
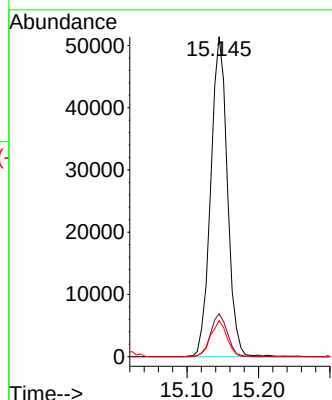
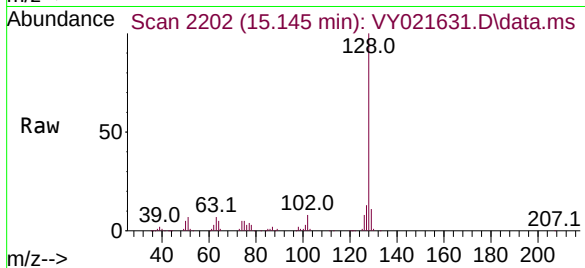




#95  
Naphthalene  
Concen: 23.510 ug/l  
RT: 15.145 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0325SBS01

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 82996     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.5  | 10.6 15.8 |
| 129         | 11.1  | 8.6 13.0  |



#96  
1,2,3-Trichlorobenzene  
Concen: 22.751 ug/l  
RT: 15.328 min Scan# 2232  
Delta R.T. -0.006 min  
Lab File: VY021631.D  
Acq: 25 Mar 2025 12:59

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 43614      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 95.9  | 47.2 141.6 |
| 145         | 32.1  | 16.4 49.1  |

