

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062725\  
 Data File : VY022855.D  
 Acq On : 27 Jun 2025 12:22  
 Operator : SY/MD  
 Sample : VY0627SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

Quant Time: Jun 27 23:15:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 392671   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 686703   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 587941   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 274040   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.067  | 65    | 227105   | 51.820   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 103.640% |      |
| 35) Dibromofluoromethane    | 7.640  | 113   | 215609   | 51.628   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 103.260% |      |
| 50) Toluene-d8              | 10.109 | 98    | 844961   | 50.988   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 101.980% |      |
| 62) 4-Bromofluorobenzene    | 12.401 | 95    | 262167   | 49.212   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 98.420%  |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 70055  | 20.864  | ug/l   | 95  |
| 3) Chloromethane             | 2.068 | 50  | 141333 | 22.043  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.208 | 62  | 152677 | 19.060  | ug/l   | 100 |
| 5) Bromomethane              | 2.598 | 94  | 142645 | 22.651  | ug/l   | 100 |
| 6) Chloroethane              | 2.739 | 64  | 100714 | 18.704  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 158982 | 17.924  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.458 | 74  | 54919  | 25.069  | ug/l   | 96  |
| 9) 1,1,2-Trichlorotrifluo... | 3.818 | 101 | 82802  | 20.428  | ug/l   | 96  |
| 10) Methyl Iodide            | 4.007 | 142 | 92048  | 20.857  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.878 | 59  | 24983  | 85.731  | ug/l   | 95  |
| 12) 1,1-Dichloroethene       | 3.799 | 96  | 85649  | 21.549  | ug/l   | 99  |
| 13) Acrolein                 | 3.659 | 56  | 36380  | 92.065  | ug/l   | 99  |
| 14) Allyl chloride           | 4.391 | 41  | 134047 | 21.927  | ug/l   | 95  |
| 15) Acrylonitrile            | 5.061 | 53  | 93060  | 101.814 | ug/l   | 100 |
| 16) Acetone                  | 3.879 | 43  | 98918  | 119.416 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.110 | 76  | 267911 | 20.865  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.385 | 43  | 48885  | 17.820  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether  | 5.122 | 73  | 232320 | 21.467  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.616 | 84  | 130076 | 24.865  | ug/l   | 96  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 98254  | 21.630  | ug/l   | 96  |
| 22) Diisopropyl ether        | 6.025 | 45  | 299731 | 22.077  | ug/l   | 98  |
| 23) Vinyl Acetate            | 5.964 | 43  | 818112 | 109.108 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.921 | 63  | 181202 | 22.096  | ug/l   | 99  |
| 25) 2-Butanone               | 6.902 | 43  | 130119 | 107.929 | ug/l   | 96  |
| 26) 2,2-Dichloropropane      | 6.890 | 77  | 151158 | 21.989  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.896 | 96  | 114570 | 21.705  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.250 | 49  | 72313  | 20.975  | ug/l   | 91  |
| 29) Tetrahydrofuran          | 7.268 | 42  | 74446  | 97.792  | ug/l   | 99  |
| 30) Chloroform               | 7.427 | 83  | 181311 | 21.466  | ug/l   | 98  |
| 31) Cyclohexane              | 7.701 | 56  | 153645 | 20.411  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.622 | 97  | 153801 | 21.071  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.841 | 75  | 126420 | 19.971  | ug/l   | 98  |
| 37) Ethyl Acetate            | 6.988 | 43  | 50797  | 18.596  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.823 | 117 | 132177 | 19.790  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.109 | 83  | 161729 | 19.743  | ug/l   | 98  |
| 40) Benzene                  | 8.085 | 78  | 404813 | 20.800  | ug/l   | 100 |

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 Sample : VY0627SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

Quant Time: Jun 27 23:15:53 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.226  | 41   | 32567    | 19.367  | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.164  | 62   | 111640   | 20.933  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.201  | 43   | 109655   | 19.315  | ug/l   | 97       |
| 44) Trichloroethene           | 8.865  | 130  | 99580    | 20.379  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.146  | 63   | 95922    | 21.059  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 52943    | 20.475  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.426  | 83   | 138992   | 20.845  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.219  | 41   | 50434    | 18.479  | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.237  | 88   | 10483    | 343.148 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 271211   | 94.008  | ug/l   | 96       |
| 52) Toluene                   | 10.170 | 92   | 251920   | 20.518  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 122104   | 20.353  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 146585   | 21.073  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 67889    | 20.276  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 87830    | 19.497  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 118722   | 20.323  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 217618   | 101.814 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.761 | 43   | 186577   | 95.123  | ug/l   | 95       |
| 60) Dibromochloromethane      | 10.914 | 129  | 86874    | 20.087  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.018 | 107  | 62775    | 20.035  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.646 | 164  | 114102   | 20.543  | ug/l   | 99       |
| 65) Chlorobenzene             | 11.444 | 112  | 270647   | 20.950  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 88384    | 20.199  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.517 | 91   | 474480   | 20.904  | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 358101   | 40.812  | ug/l   | 97       |
| 69) o-Xylene                  | 11.956 | 106  | 171183   | 20.705  | ug/l   | 100      |
| 70) Styrene                   | 11.969 | 104  | 281270   | 20.310  | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 46302    | 19.004  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 437377   | 21.581  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 91412    | 20.094  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 65438    | 20.034  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 94943    | 33.936  | ug/l # | 100      |
| 77) Bromobenzene              | 12.529 | 156  | 97490    | 21.222  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 528889   | 21.614  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 299611   | 21.672  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 350335   | 21.413  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 22438    | 20.262  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 305956   | 21.069  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.999 | 119  | 308906   | 21.409  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 351686   | 21.470  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.176 | 105  | 463189   | 21.336  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 376429   | 20.836  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 194084   | 21.036  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 193890   | 21.156  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.615 | 91   | 355371   | 20.912  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 75714    | 21.042  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 165757   | 20.387  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 10354    | 18.692  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 91806    | 19.999  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 50617    | 19.499  | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 156678   | 18.874  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 76773    | 19.354  | ug/l   | 99       |

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Acq On : 27 Jun 2025 12:22  
Operator : SY/MD  
Sample : VY0627SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

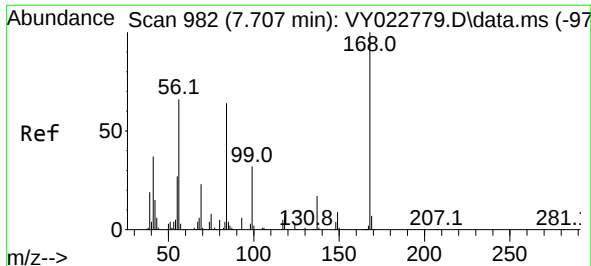
Quant Time: Jun 27 23:15:53 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

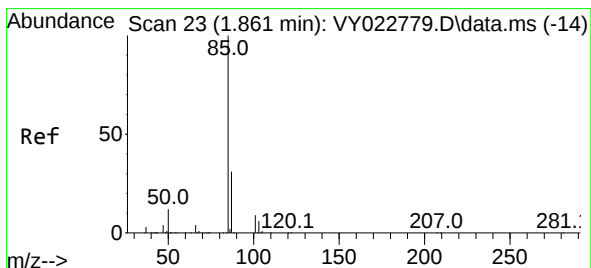
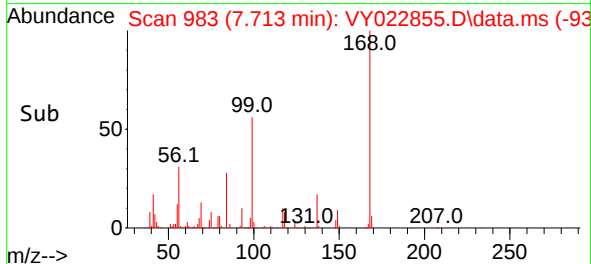
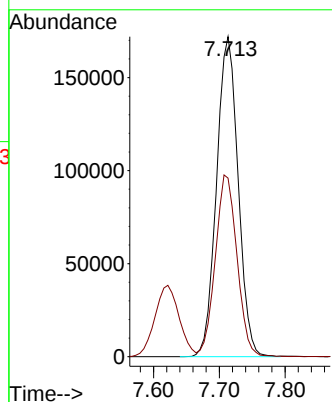
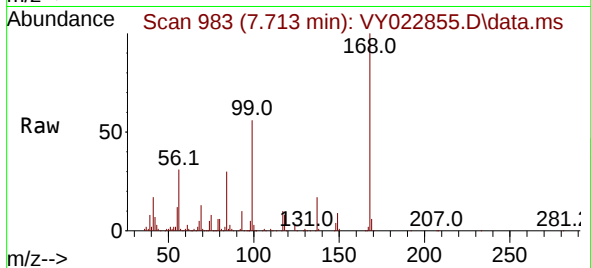




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

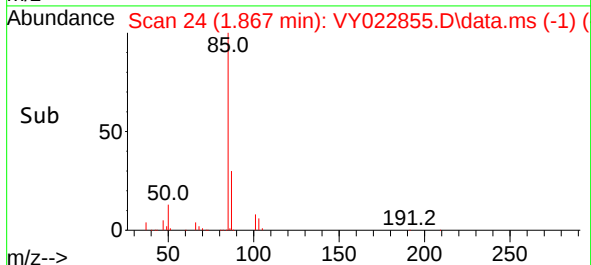
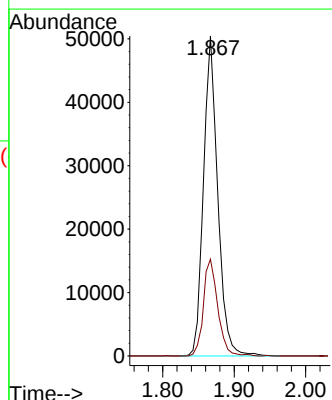
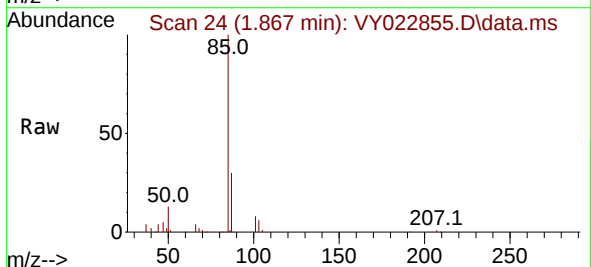
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

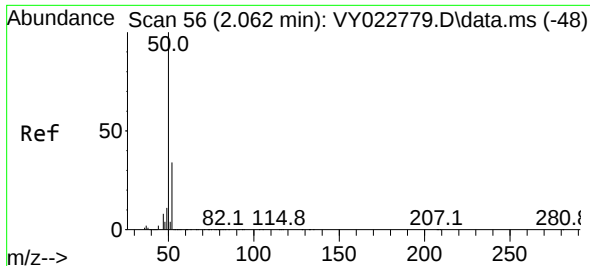
Tgt Ion:168 Resp: 392671  
Ion Ratio Lower Upper  
168 100  
99 55.6 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 20.864 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 85 Resp: 70055  
Ion Ratio Lower Upper  
85 100  
87 30.3 16.7 50.0

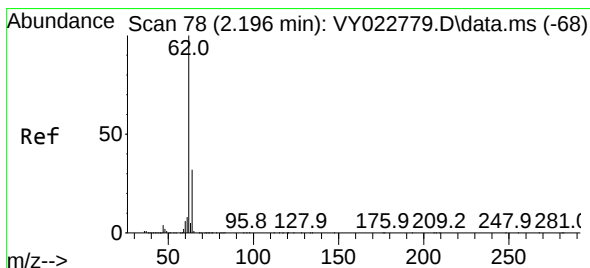
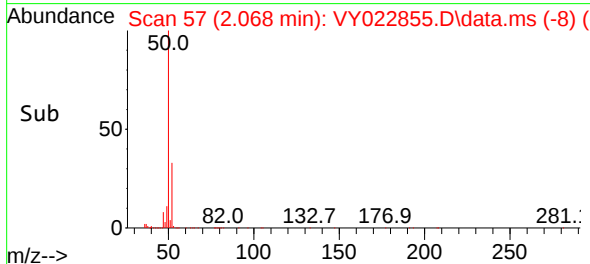
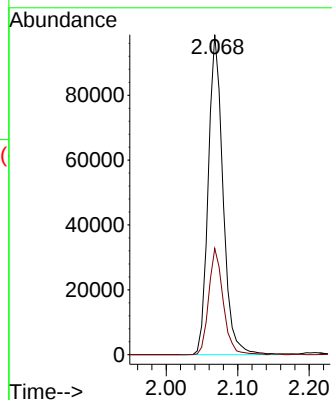
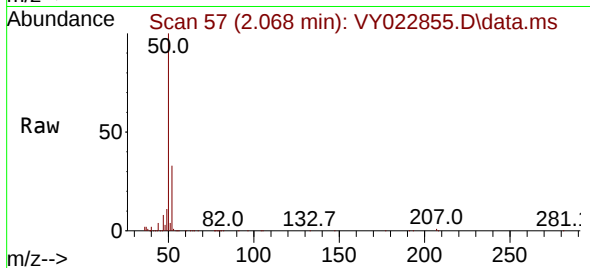




#3  
Chloromethane  
Concen: 22.043 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

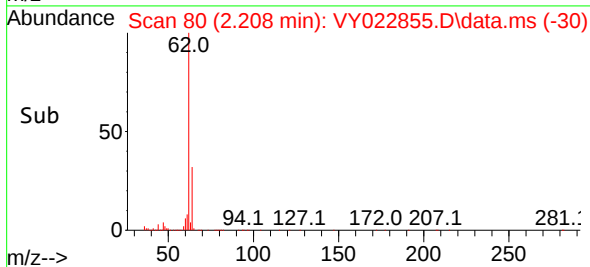
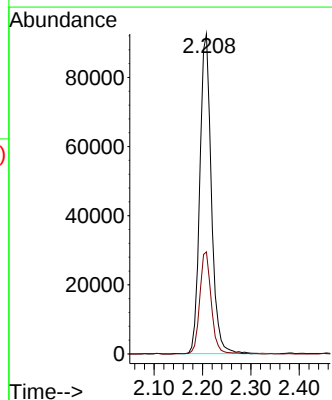
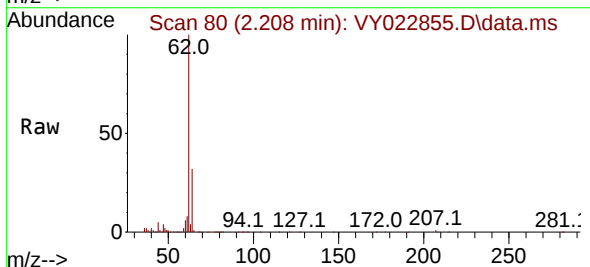
Instrument :  
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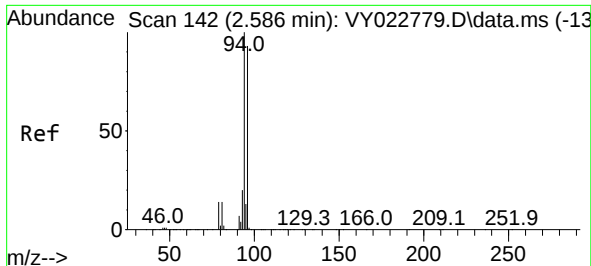
Tgt Ion: 50 Resp: 141333  
Ion Ratio Lower Upper  
50 100  
52 33.2 26.0 39.0



#4  
Vinyl Chloride  
Concen: 19.060 ug/l  
RT: 2.208 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 62 Resp: 152677  
Ion Ratio Lower Upper  
62 100  
64 31.9 25.3 37.9

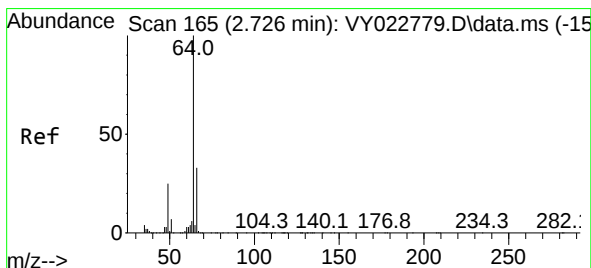
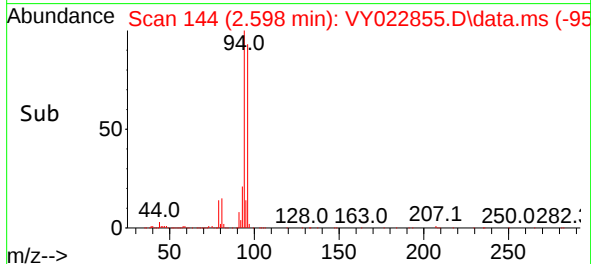
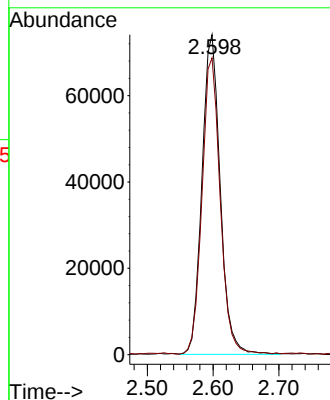
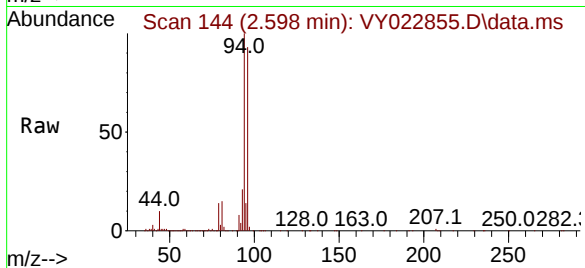




#5  
Bromomethane  
Concen: 22.651 ug/l  
RT: 2.598 min Scan# 142  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

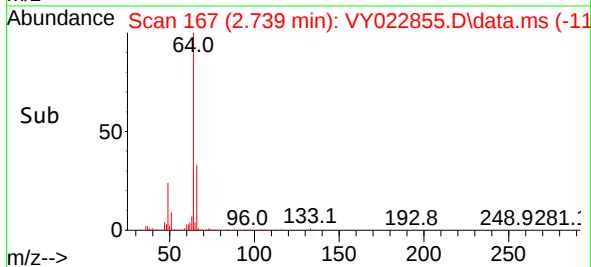
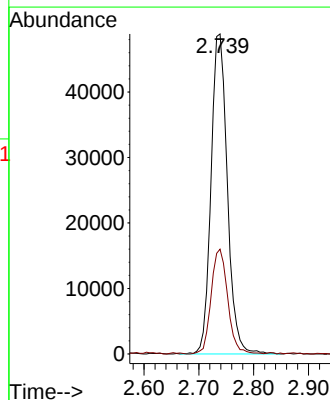
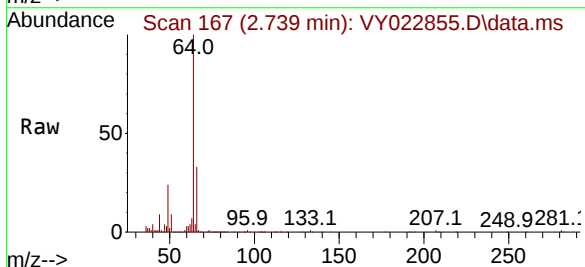
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

Tgt Ion: 94 Resp: 142645  
Ion Ratio Lower Upper  
94 100  
96 92.6 74.0 111.0



#6  
Chloroethane  
Concen: 18.704 ug/l  
RT: 2.739 min Scan# 167  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 64 Resp: 100714  
Ion Ratio Lower Upper  
64 100  
66 32.4 23.8 35.6

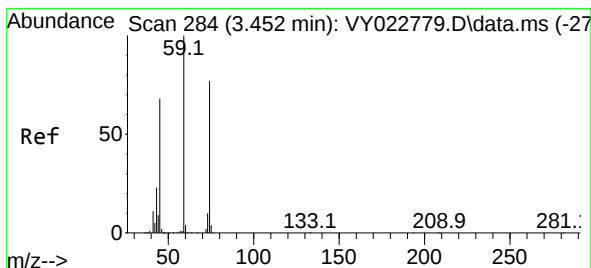
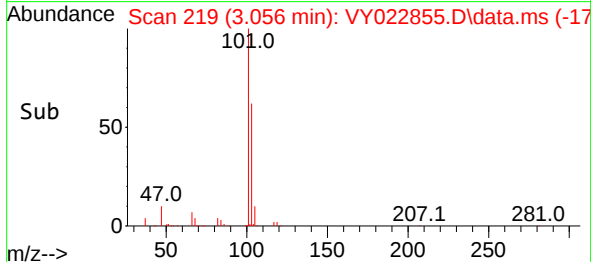
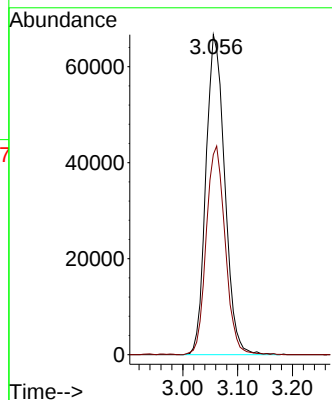
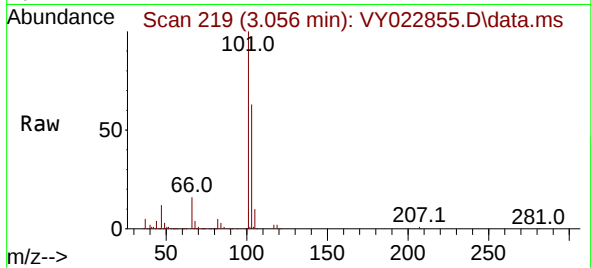




#7  
Trichlorofluoromethane  
Concen: 17.924 ug/l  
RT: 3.056 min Scan# 217  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

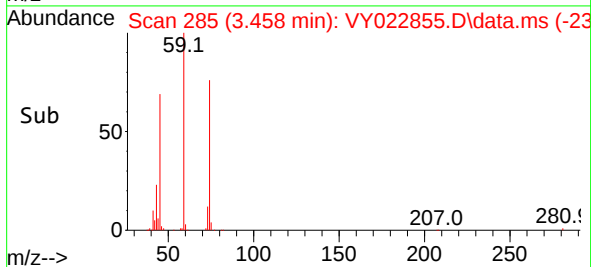
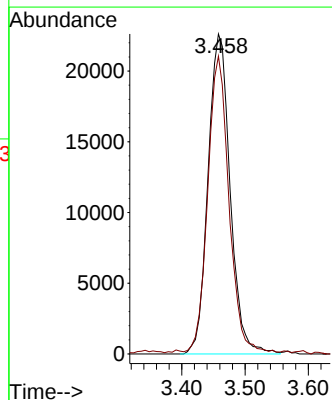
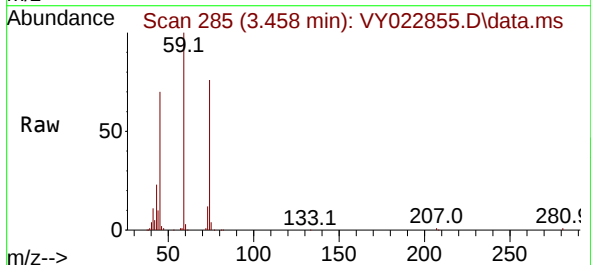
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

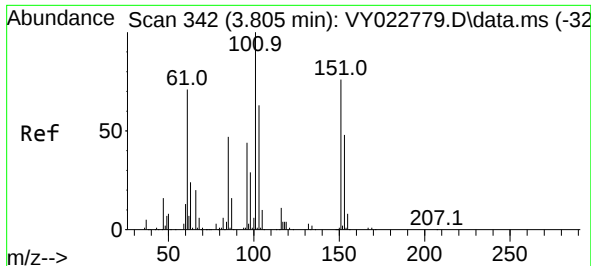
Tgt Ion:101 Resp: 158982  
Ion Ratio Lower Upper  
101 100  
103 62.5 52.2 78.2



#8  
Diethyl Ether  
Concen: 25.069 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 74 Resp: 54919  
Ion Ratio Lower Upper  
74 100  
45 88.1 45.9 137.6

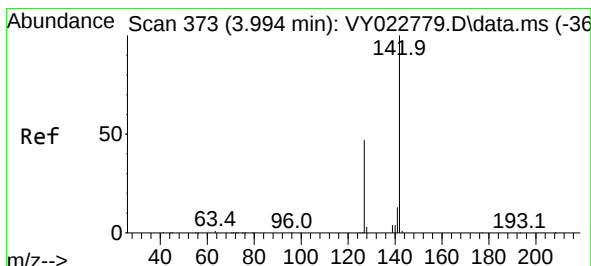
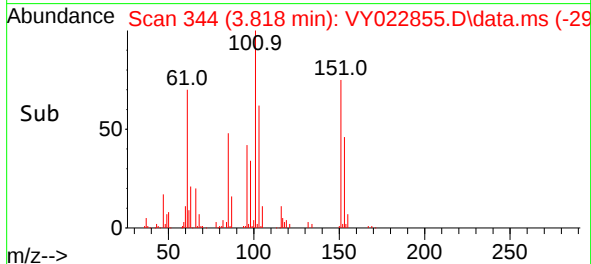
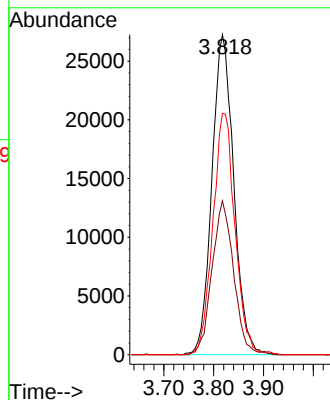
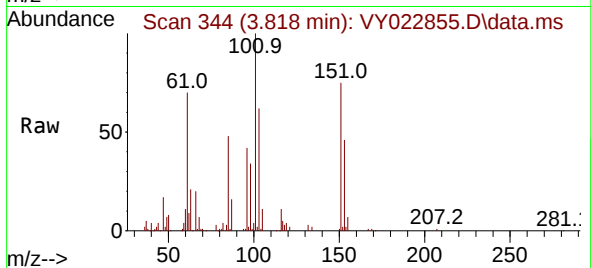




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.428 ug/l  
RT: 3.818 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

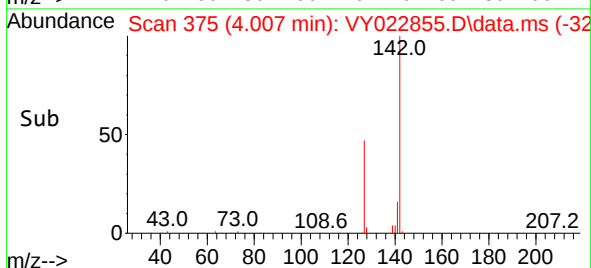
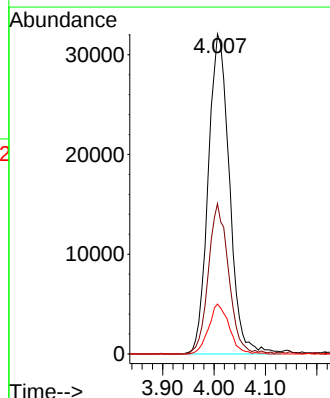
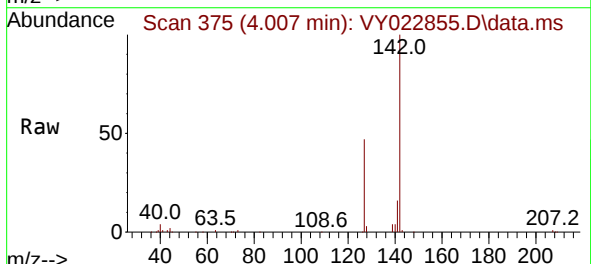
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

Tgt Ion:101 Resp: 82802  
Ion Ratio Lower Upper  
101 100  
85 47.6 39.3 58.9  
151 76.4 57.8 86.8



#10  
Methyl Iodide  
Concen: 20.857 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion:142 Resp: 92048  
Ion Ratio Lower Upper  
142 100  
127 45.0 37.1 55.7  
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 85.731 ug/l

RT: 4.878 min Scan# 515

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

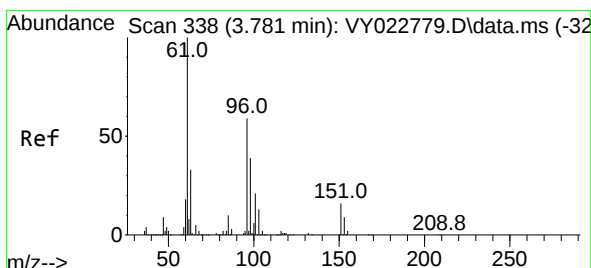
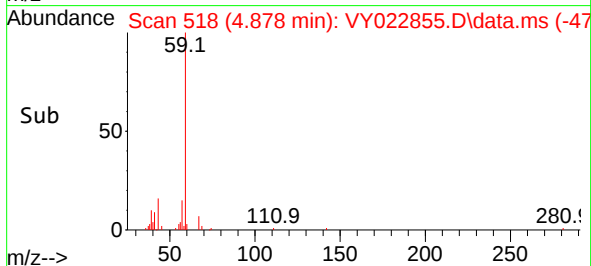
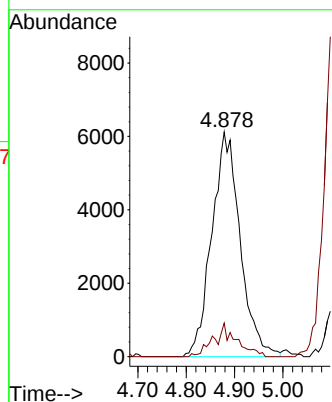
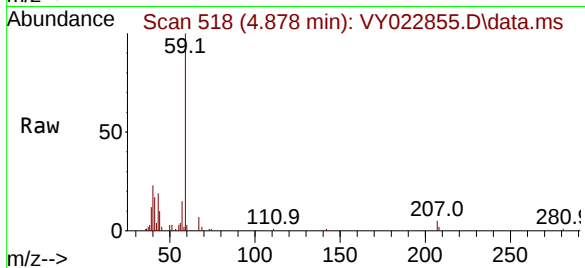
VY0627SBS01

Tgt Ion: 59 Resp: 24983

Ion Ratio Lower Upper

59 100

57 8.1 8.0 12.0



#12

1,1-Dichloroethene

Concen: 21.549 ug/l

RT: 3.799 min Scan# 341

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

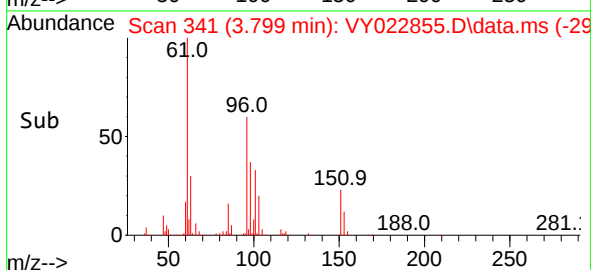
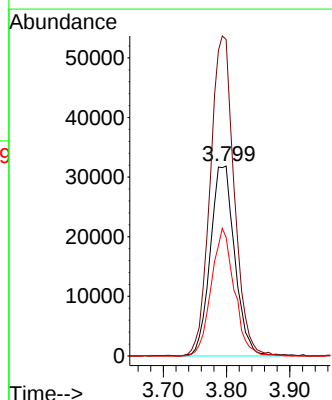
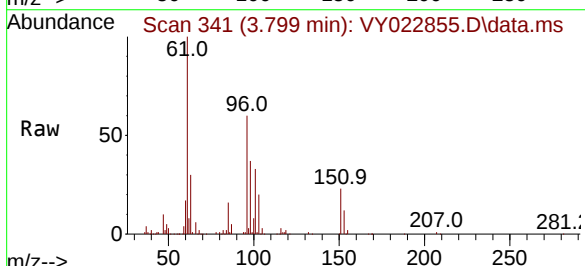
Tgt Ion: 96 Resp: 85649

Ion Ratio Lower Upper

96 100

61 166.7 134.6 201.8

98 62.5 50.2 75.4

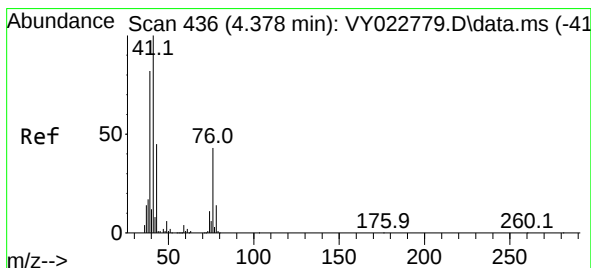
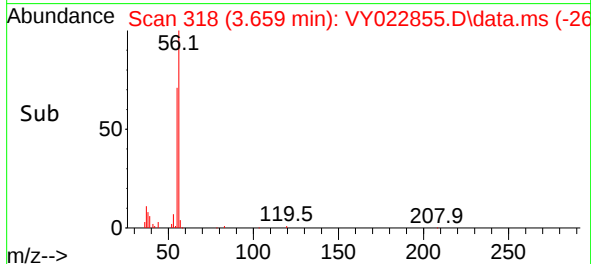
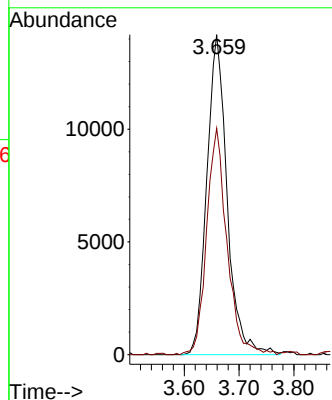
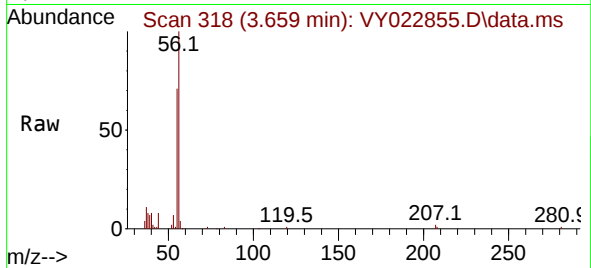




#13  
Acrolein  
Concen: 92.065 ug/l  
RT: 3.659 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

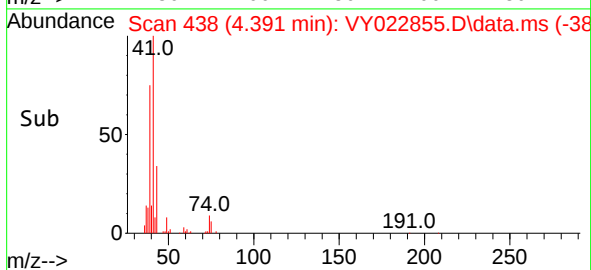
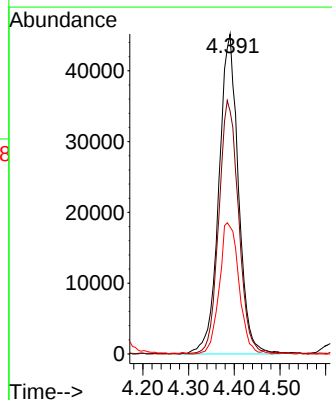
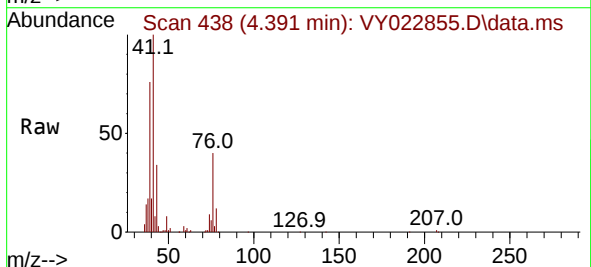
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

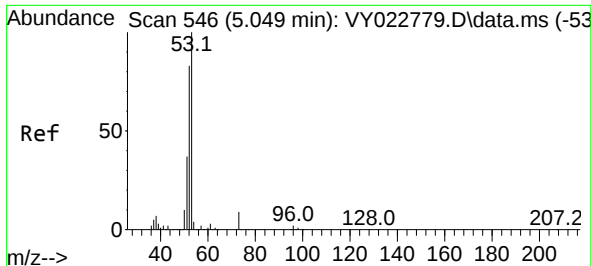
Tgt Ion: 56 Resp: 36380  
Ion Ratio Lower Upper  
56 100  
55 70.6 57.0 85.6



#14  
Allyl chloride  
Concen: 21.927 ug/l  
RT: 4.391 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 41 Resp: 134047  
Ion Ratio Lower Upper  
41 100  
39 79.4 69.1 103.7  
76 41.3 33.5 50.3

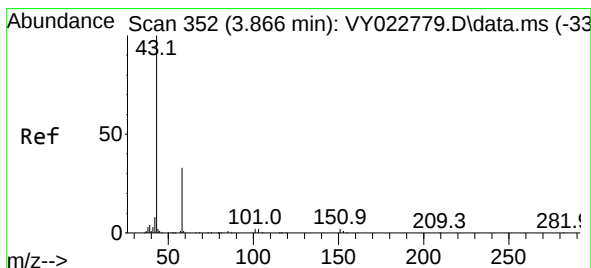
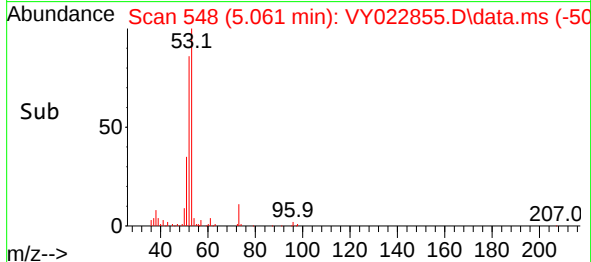
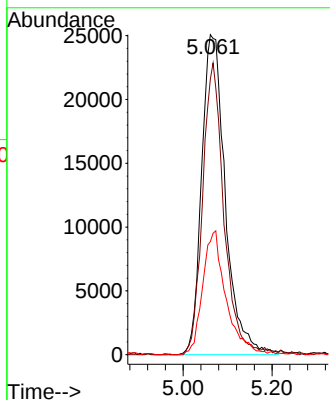
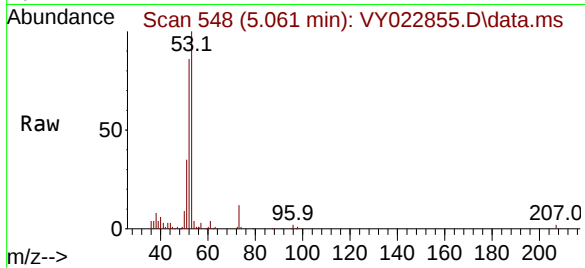




#15  
Acrylonitrile  
Concen: 101.814 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

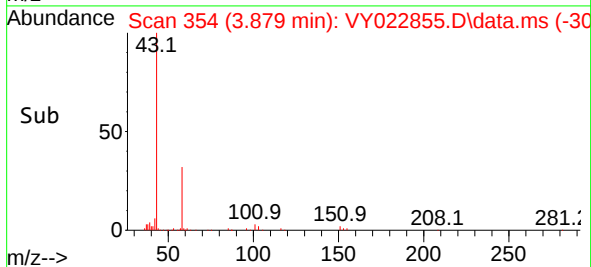
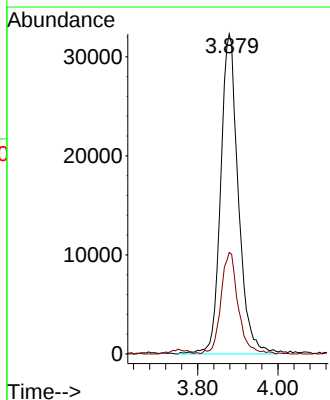
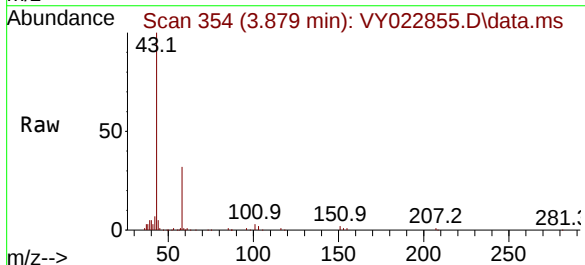
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

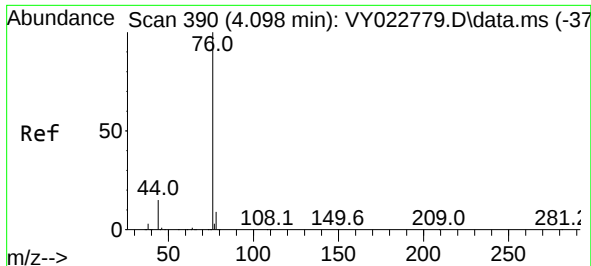
Tgt Ion: 53 Resp: 93060  
Ion Ratio Lower Upper  
53 100  
52 81.7 65.7 98.5  
51 38.0 30.1 45.1



#16  
Acetone  
Concen: 119.416 ug/l  
RT: 3.879 min Scan# 354  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 43 Resp: 98918  
Ion Ratio Lower Upper  
43 100  
58 31.3 24.0 36.0

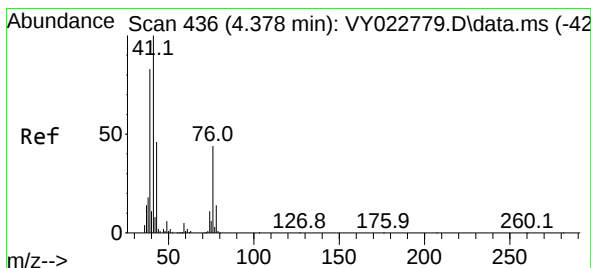
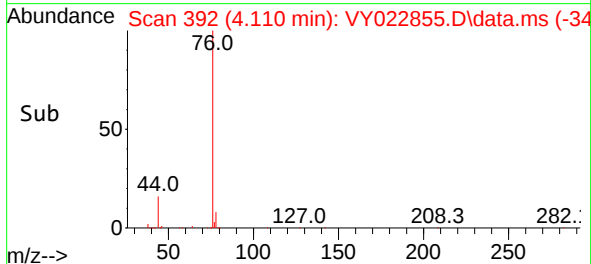
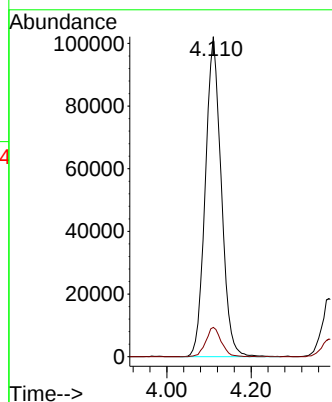
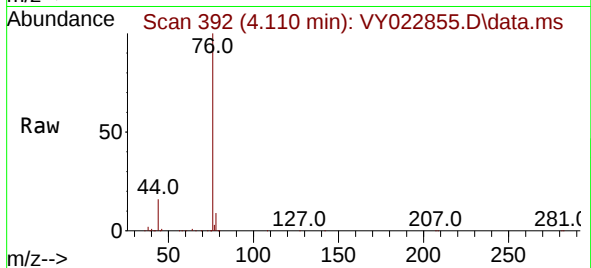




#17  
Carbon Disulfide  
Concen: 20.865 ug/l  
RT: 4.110 min Scan# 391  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

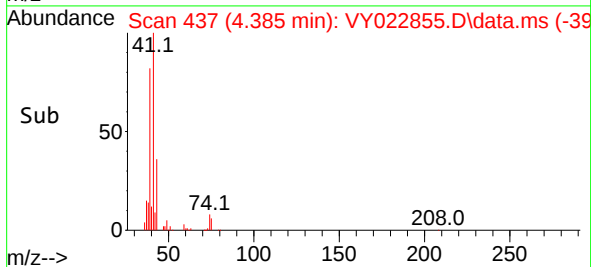
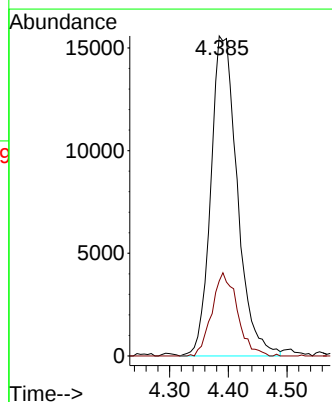
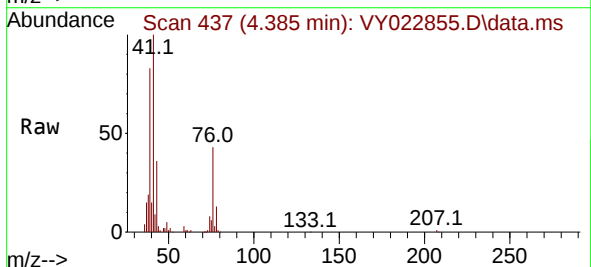
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

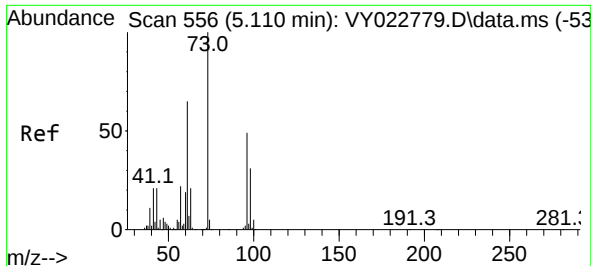
Tgt Ion: 76 Resp: 267911  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2



#18  
Methyl Acetate  
Concen: 17.820 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 43 Resp: 48885  
Ion Ratio Lower Upper  
43 100  
74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 21.467 ug/l

RT: 5.122 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

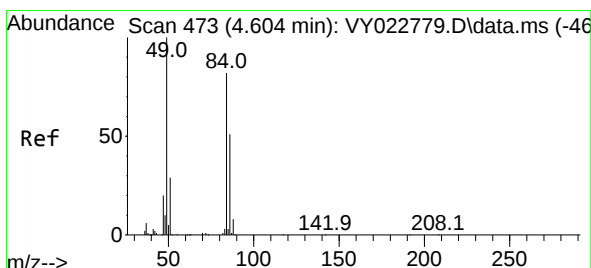
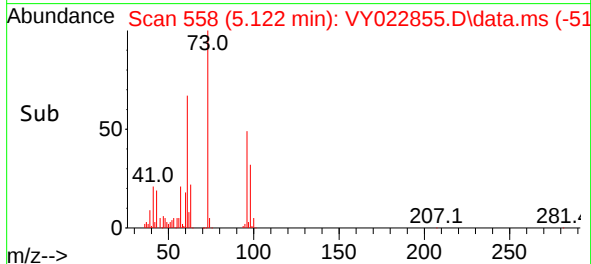
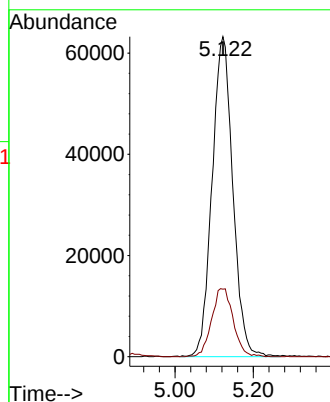
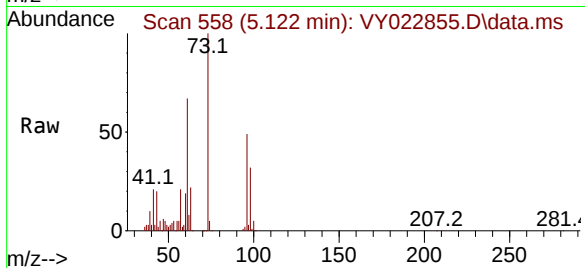
VY0627SBS01

Tgt Ion: 73 Resp: 232320

Ion Ratio Lower Upper

73 100

57 21.1 17.4 26.0



#20

Methylene Chloride

Concen: 24.865 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Tgt Ion: 84 Resp: 130076

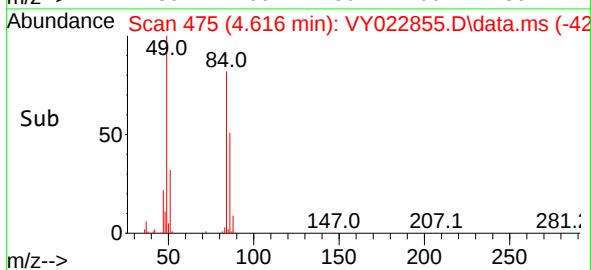
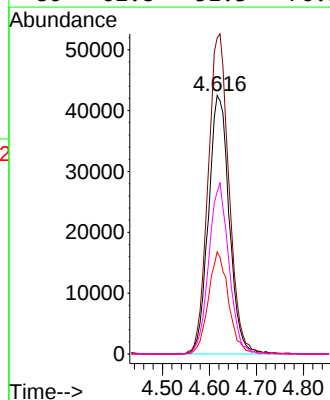
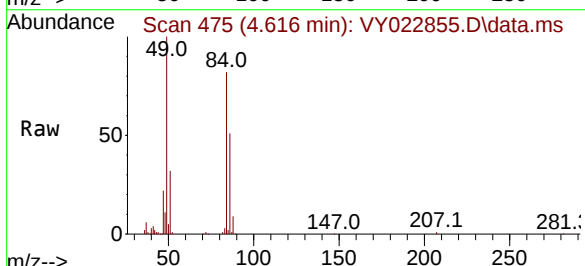
Ion Ratio Lower Upper

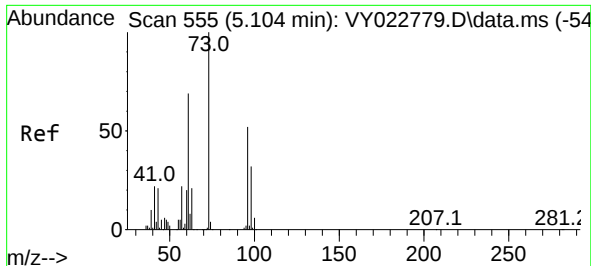
84 100

49 122.1 101.9 152.9

51 39.5 29.8 44.8

86 62.8 51.3 76.9

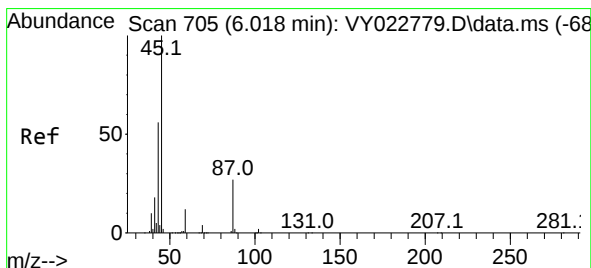
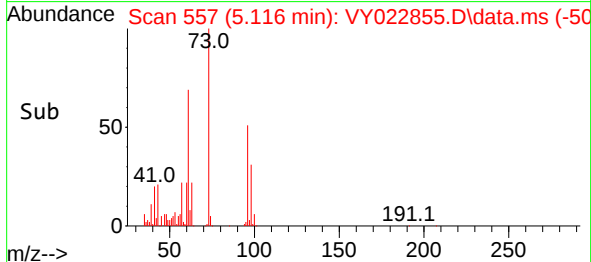
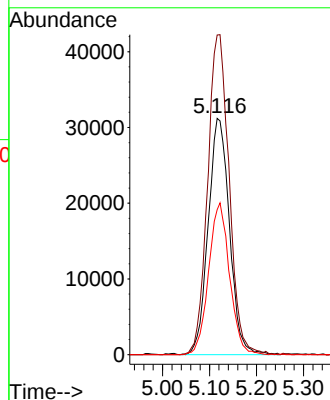
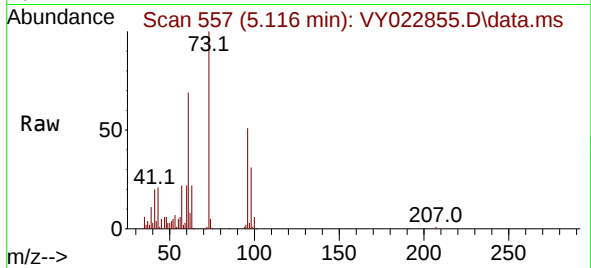




#21  
trans-1,2-Dichloroethene  
Concen: 21.630 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

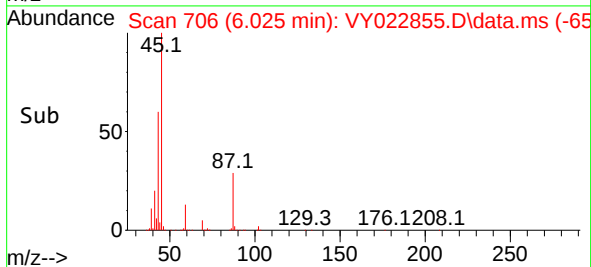
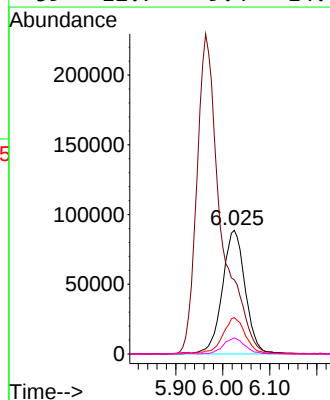
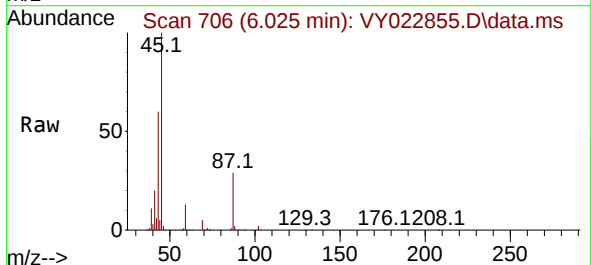
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

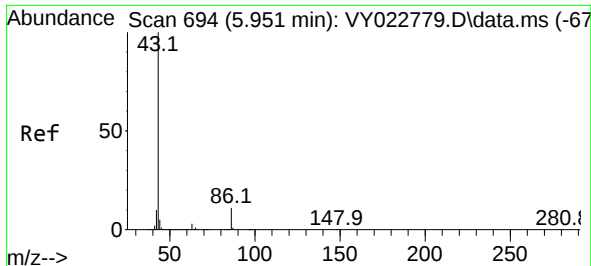
Tgt Ion: 96 Resp: 98254  
Ion Ratio Lower Upper  
96 100  
61 135.2 112.6 169.0  
98 61.3 50.6 75.8



#22  
Diisopropyl ether  
Concen: 22.077 ug/l  
RT: 6.025 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 45 Resp: 299731  
Ion Ratio Lower Upper  
45 100  
43 58.8 48.3 72.5  
87 29.2 23.0 34.6  
59 12.7 9.4 14.0

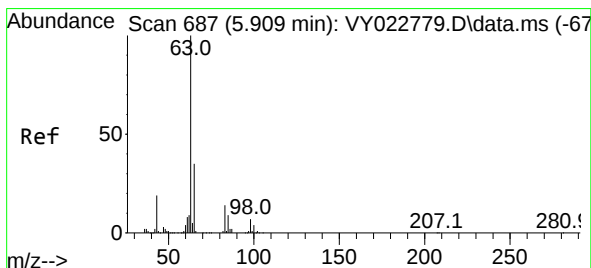
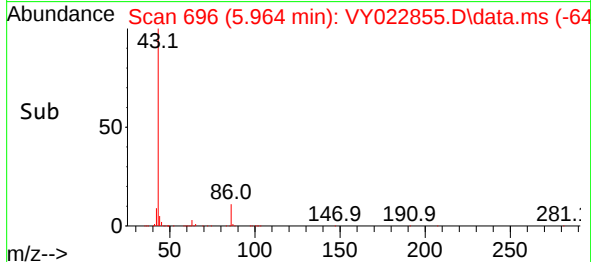
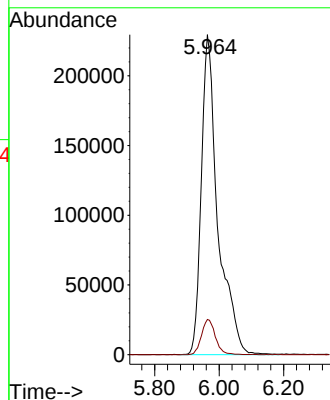
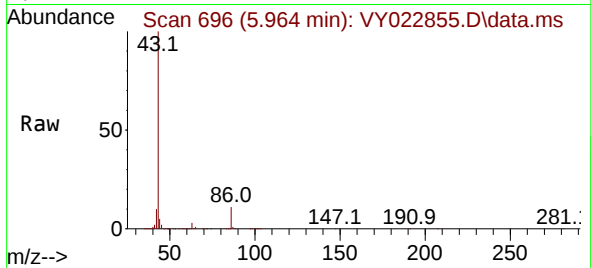




#23  
 Vinyl Acetate  
 Concen: 109.108 ug/l  
 RT: 5.964 min Scan# 694  
 Delta R.T. -0.006 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

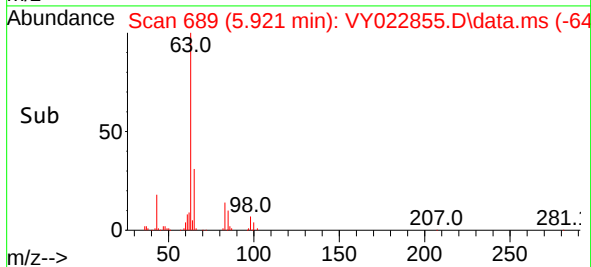
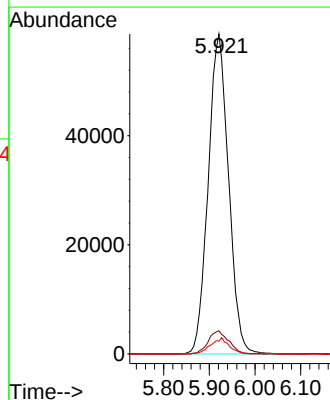
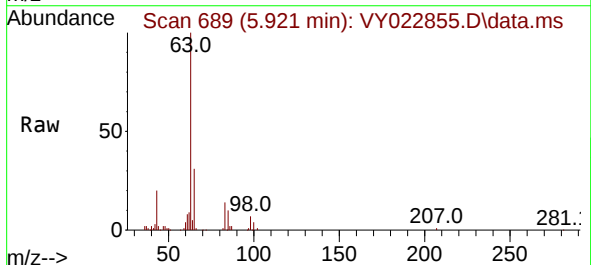
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

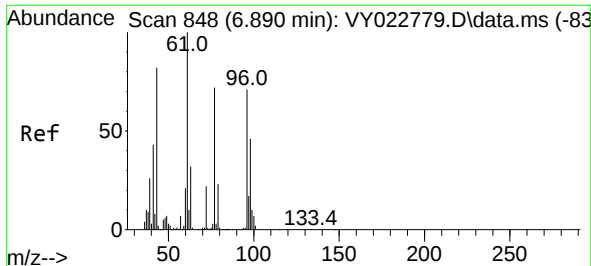
Tgt Ion: 43 Resp: 818112  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 8.6 12.8



#24  
 1,1-Dichloroethane  
 Concen: 22.096 ug/l  
 RT: 5.921 min Scan# 689  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion: 63 Resp: 181202  
 Ion Ratio Lower Upper  
 63 100  
 98 7.2 3.4 10.1  
 100 4.0 2.1 6.3

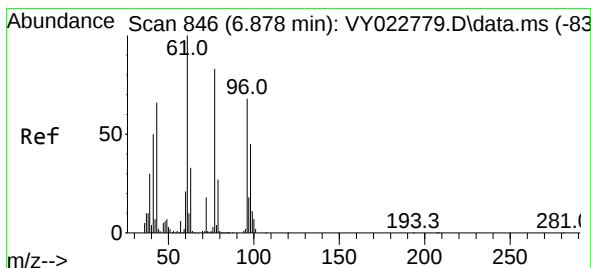
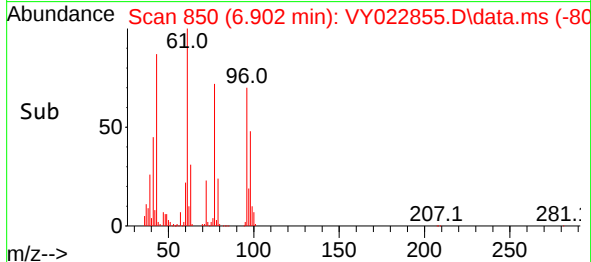
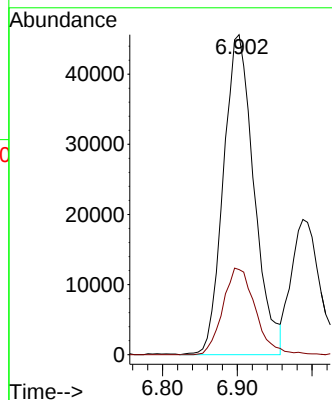
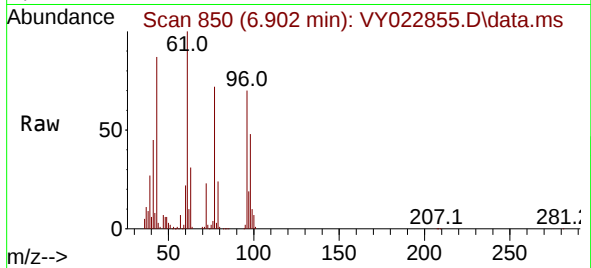




#25  
2-Butanone  
Concen: 107.929 ug/l  
RT: 6.902 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

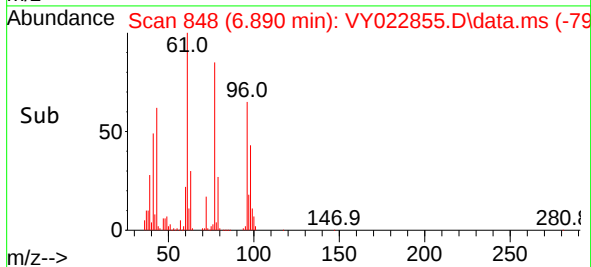
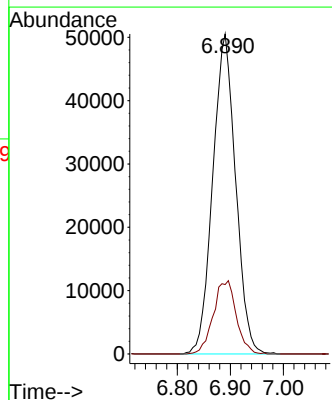
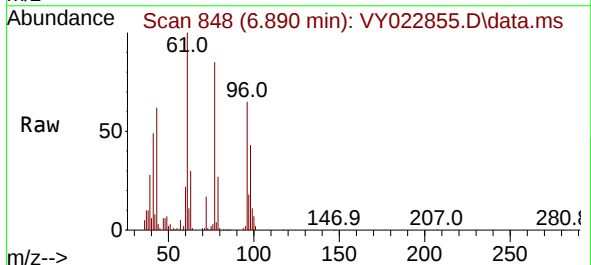
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

Tgt Ion: 43 Resp: 130119  
Ion Ratio Lower Upper  
43 100  
72 26.6 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 21.989 ug/l  
RT: 6.890 min Scan# 848  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 77 Resp: 151158  
Ion Ratio Lower Upper  
77 100  
97 23.0 11.4 34.2

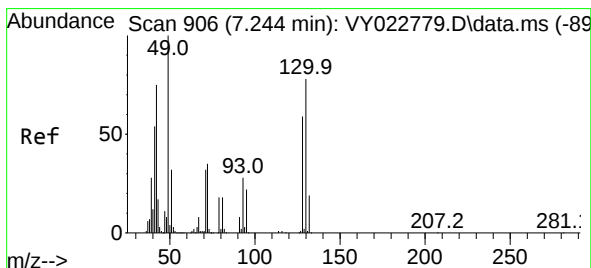
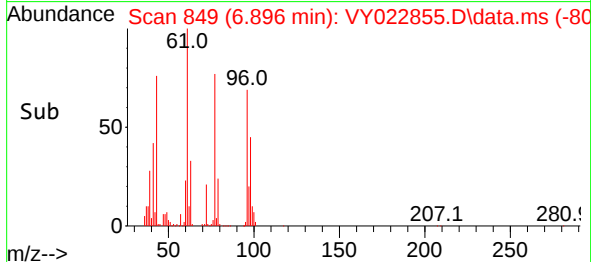
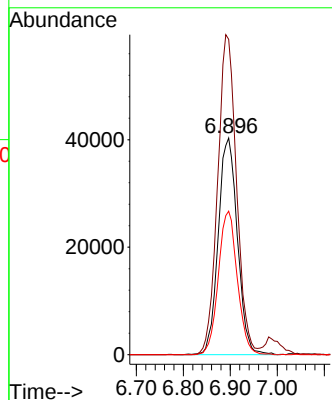
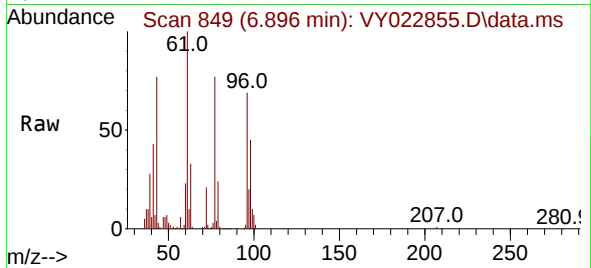




#27  
 cis-1,2-Dichloroethene  
 Concen: 21.705 ug/l  
 RT: 6.896 min Scan# 847  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

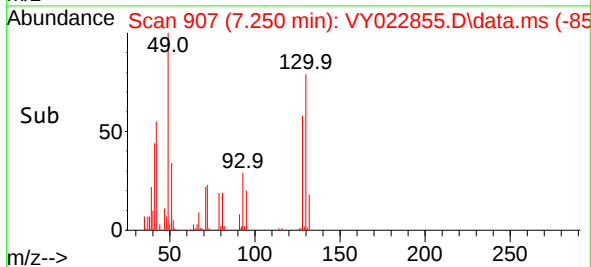
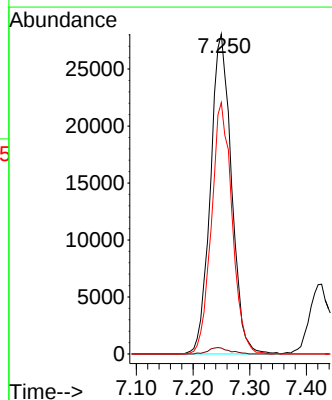
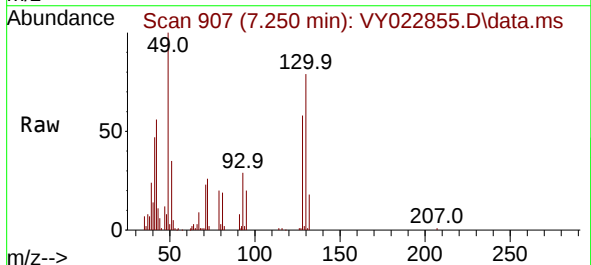
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

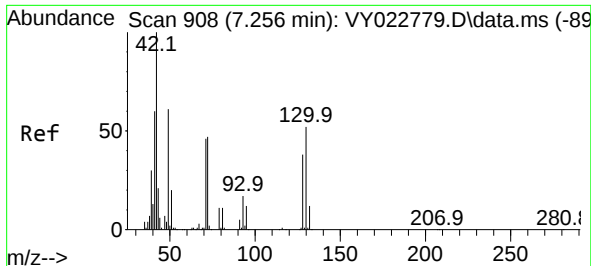
Tgt Ion: 96 Resp: 114570  
 Ion Ratio Lower Upper  
 96 100  
 61 145.3 0.0 290.0  
 98 65.5 0.0 128.4



#28  
 Bromochloromethane  
 Concen: 20.975 ug/l  
 RT: 7.250 min Scan# 907  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion: 49 Resp: 72313  
 Ion Ratio Lower Upper  
 49 100  
 129 2.0 0.0 3.6  
 130 76.9 55.7 83.5





#29

Tetrahydrofuran

Concen: 97.792 ug/l

RT: 7.268 min Scan# 910

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

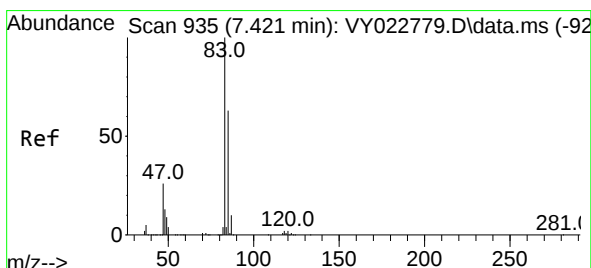
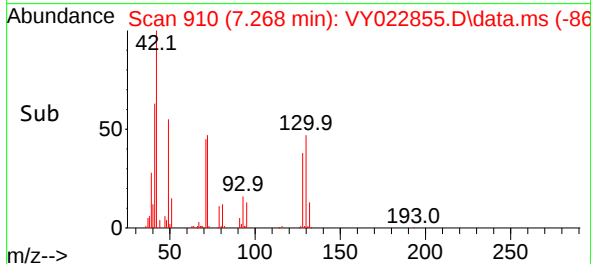
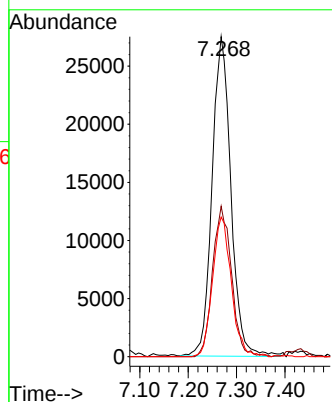
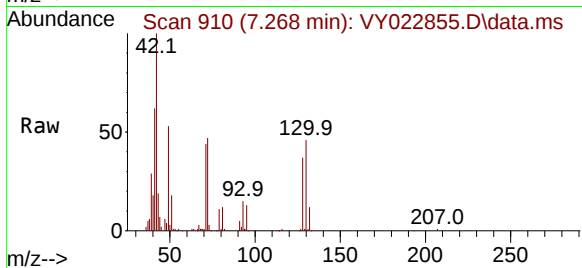
Tgt Ion: 42 Resp: 74446

Ion Ratio Lower Upper

42 100

72 47.2 37.4 56.2

71 43.6 34.2 51.2



#30

Chloroform

Concen: 21.466 ug/l

RT: 7.427 min Scan# 936

Delta R.T. -0.000 min

Lab File: VY022855.D

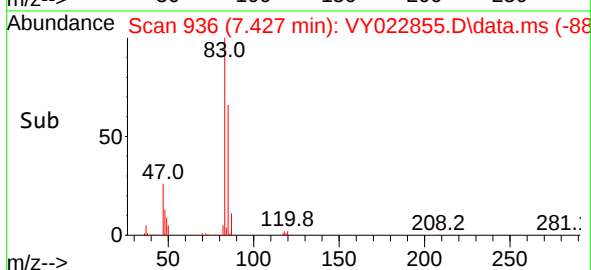
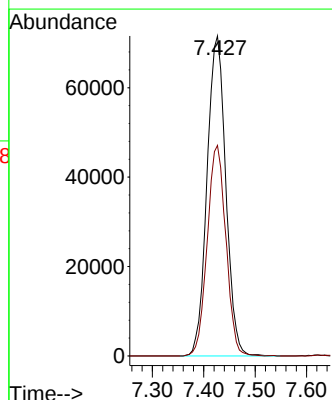
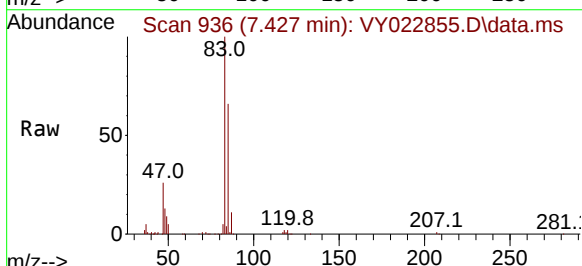
Acq: 27 Jun 2025 12:22

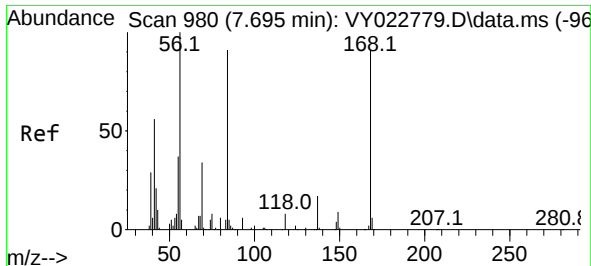
Tgt Ion: 83 Resp: 181311

Ion Ratio Lower Upper

83 100

85 65.8 54.2 81.4

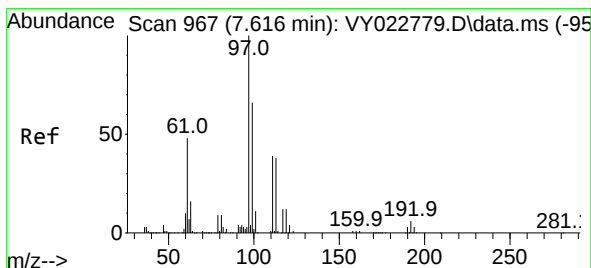
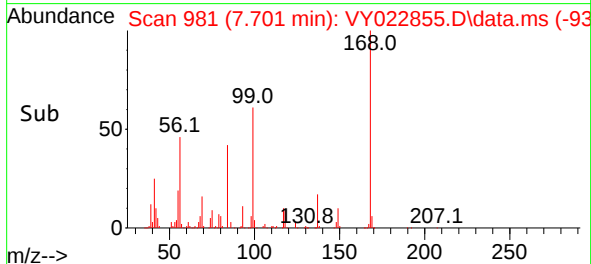
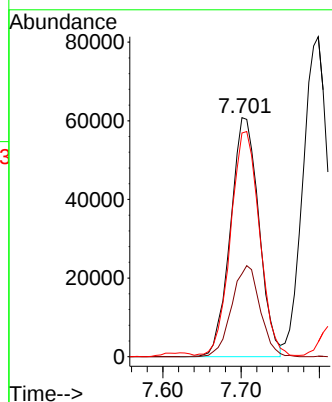
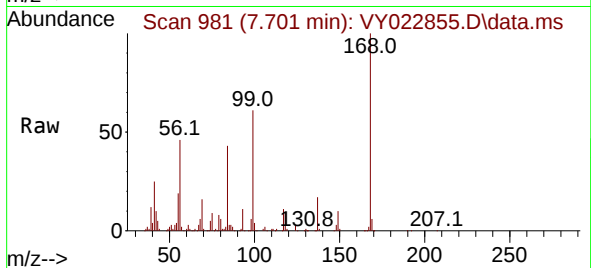




#31  
Cyclohexane  
Concen: 20.411 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

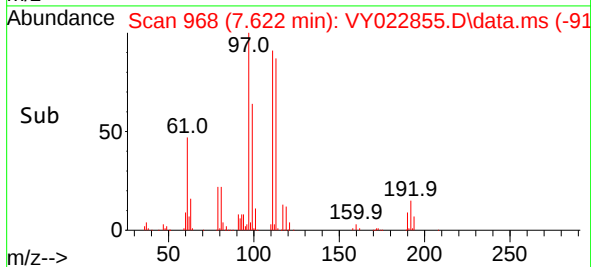
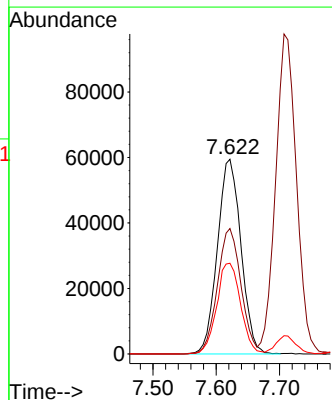
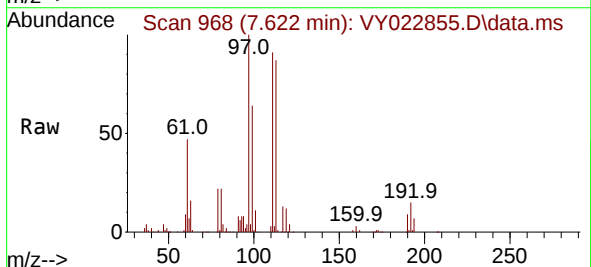
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

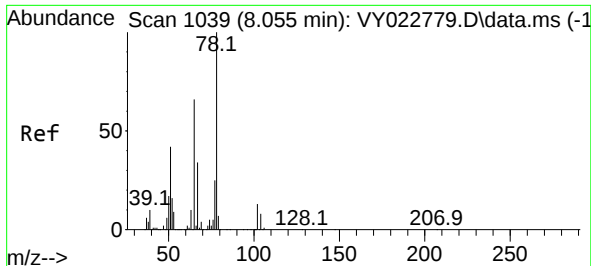
Tgt Ion: 56 Resp: 153645  
Ion Ratio Lower Upper  
56 100  
69 34.7 27.0 40.6  
84 92.0 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 21.071 ug/l  
RT: 7.622 min Scan# 968  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 97 Resp: 153801  
Ion Ratio Lower Upper  
97 100  
99 64.1 50.9 76.3  
61 47.2 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 51.820 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

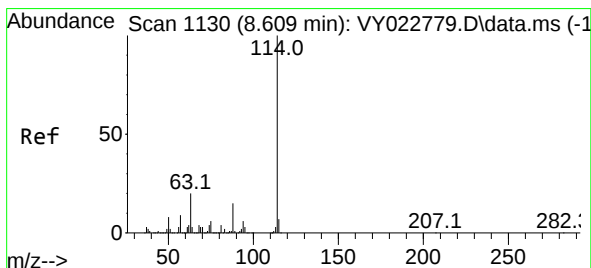
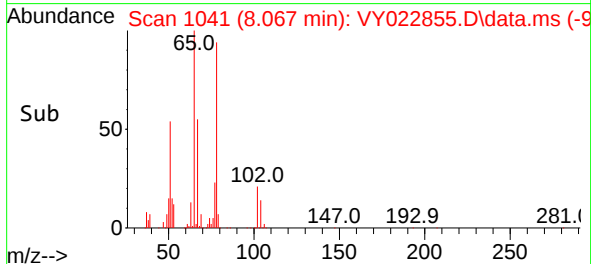
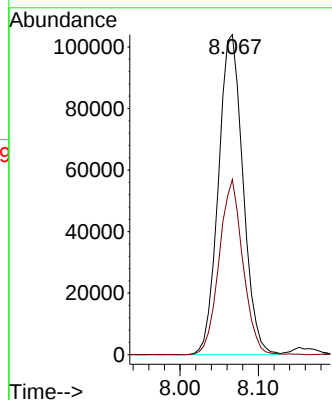
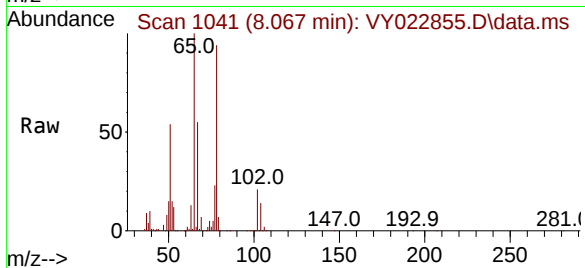
VY0627SBS01

Tgt Ion: 65 Resp: 227105

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

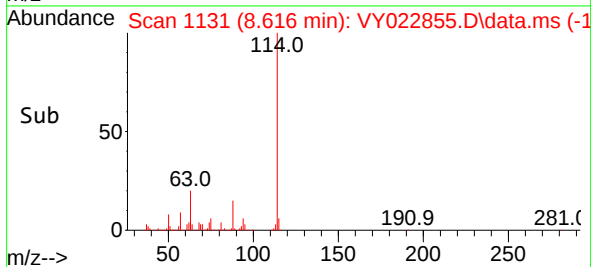
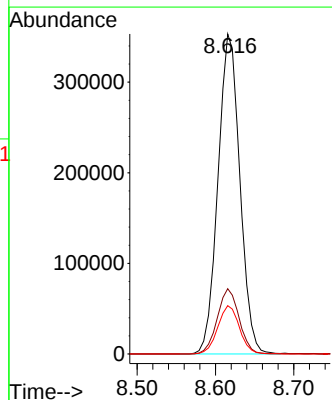
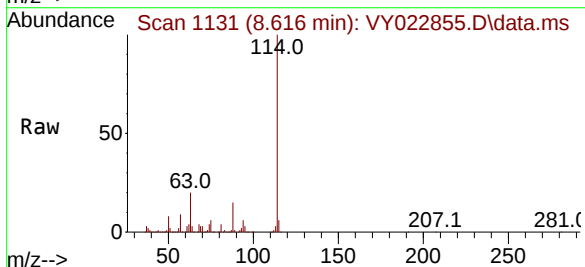
Tgt Ion: 114 Resp: 686703

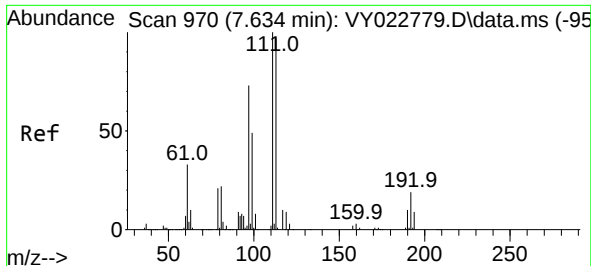
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 15.1 0.0 27.8

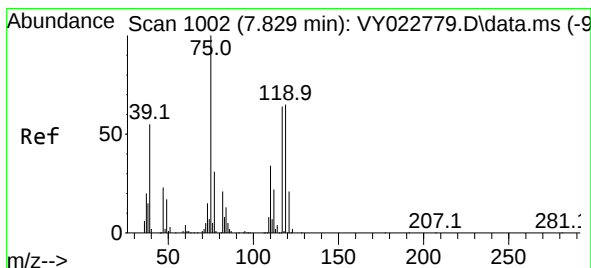
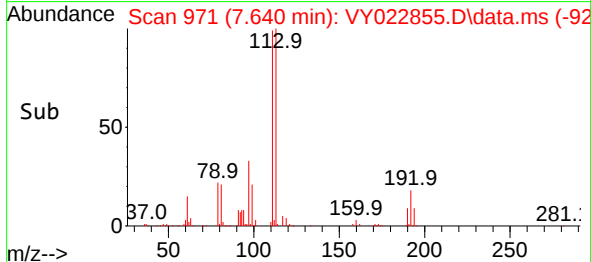
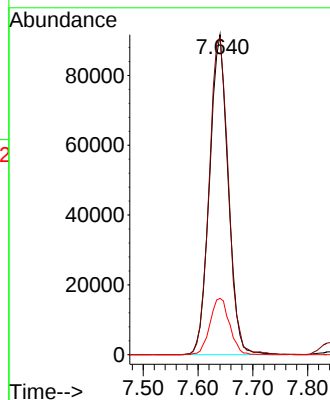
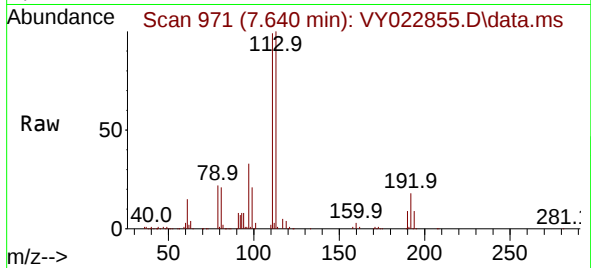




#35  
Dibromofluoromethane  
Concen: 51.628 ug/l  
RT: 7.640 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

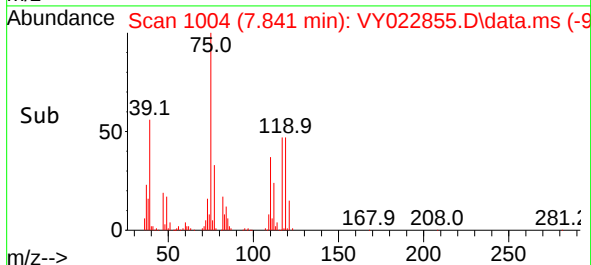
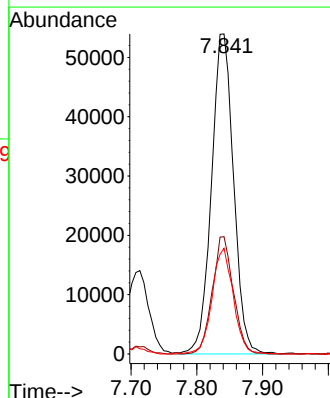
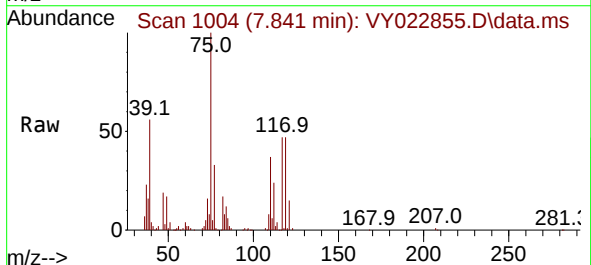
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

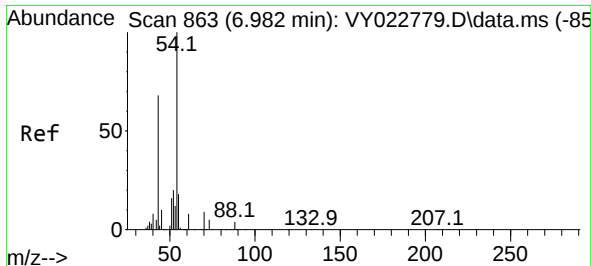
Tgt Ion:113 Resp: 215609  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.1 121.7  
192 18.6 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 19.971 ug/l  
RT: 7.841 min Scan# 1004  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 75 Resp: 126420  
Ion Ratio Lower Upper  
75 100  
110 34.9 16.9 50.7  
77 31.8 24.8 37.2





#37

Ethyl Acetate

Concen: 18.596 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

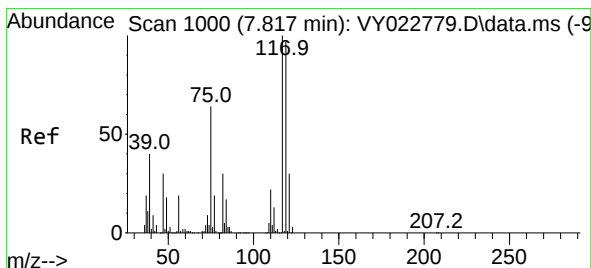
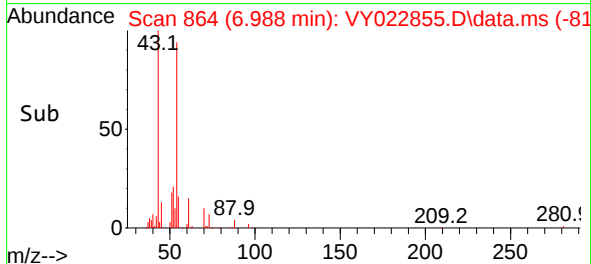
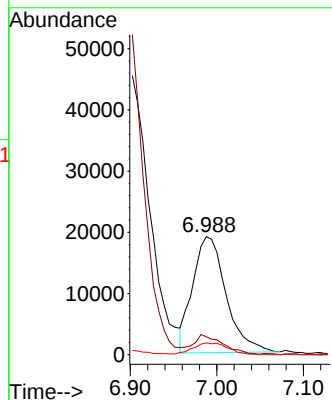
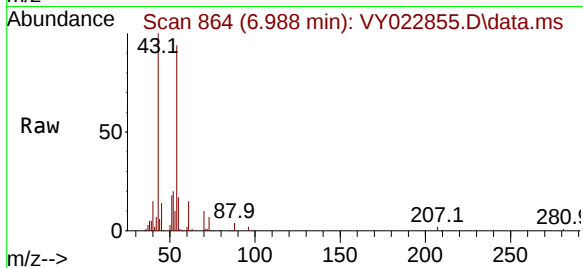
Tgt Ion: 43 Resp: 50797

Ion Ratio Lower Upper

43 100

61 15.0 11.5 17.3

70 10.5 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.790 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

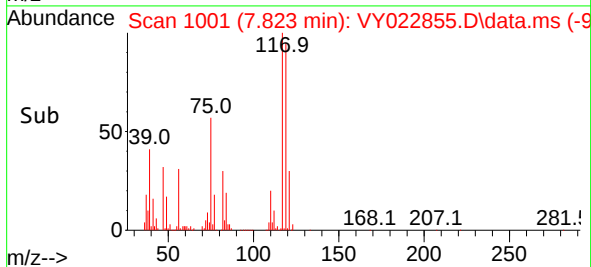
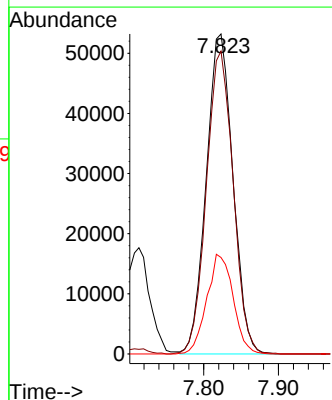
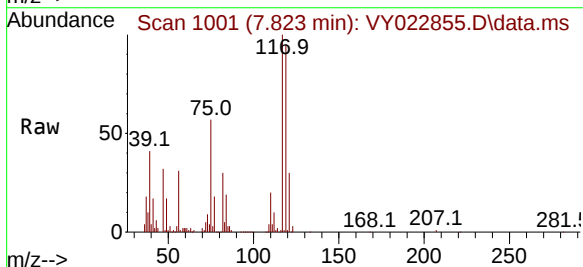
Tgt Ion: 117 Resp: 132177

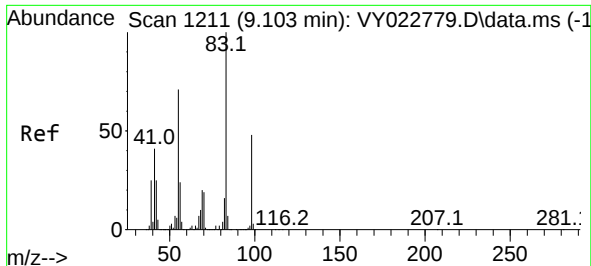
Ion Ratio Lower Upper

117 100

119 94.6 75.0 112.6

121 30.1 25.0 37.4





#39

Methylcyclohexane

Concen: 19.743 ug/l

RT: 9.109 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

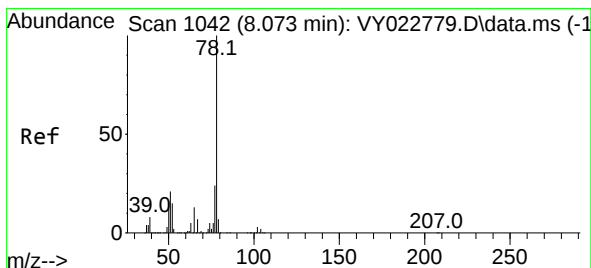
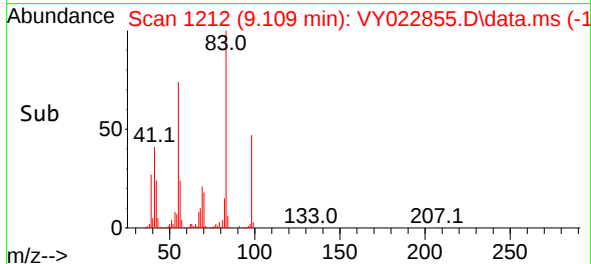
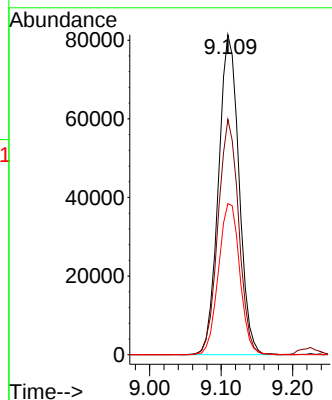
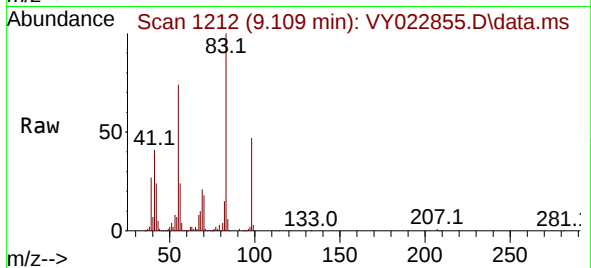
Tgt Ion: 83 Resp: 161729

Ion Ratio Lower Upper

83 100

55 73.5 58.1 87.1

98 47.2 39.0 58.6



#40

Benzene

Concen: 20.800 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VY022855.D

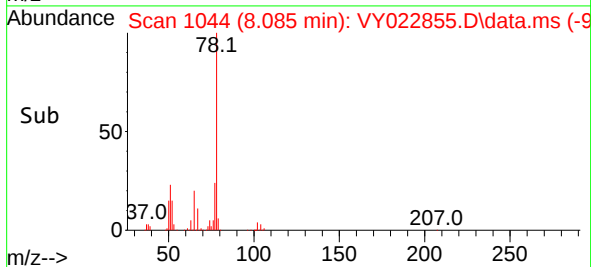
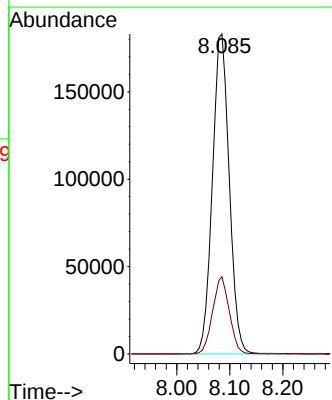
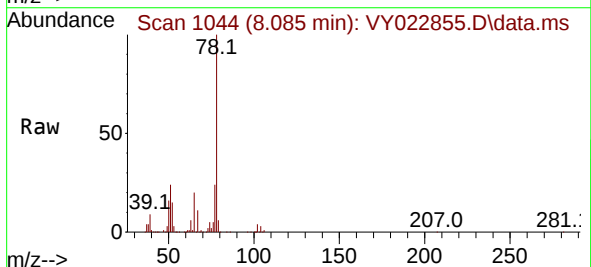
Acq: 27 Jun 2025 12:22

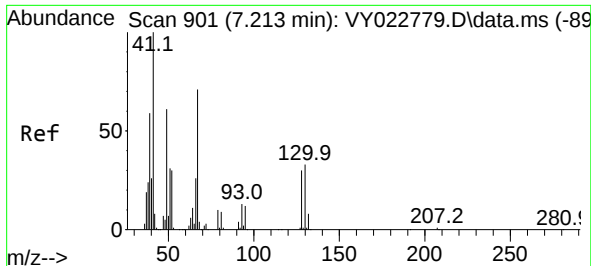
Tgt Ion: 78 Resp: 404813

Ion Ratio Lower Upper

78 100

77 24.2 19.3 28.9



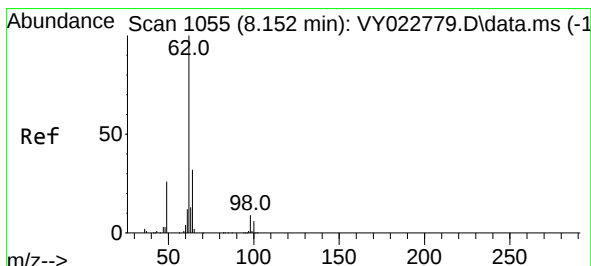
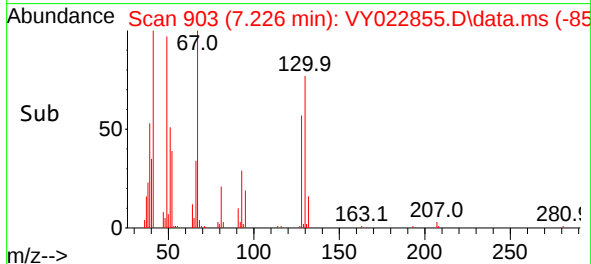
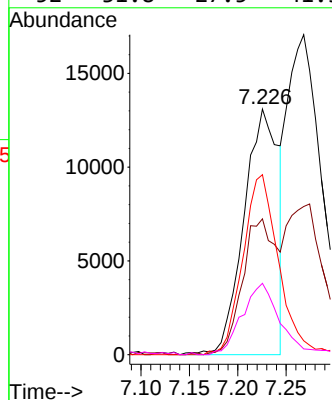
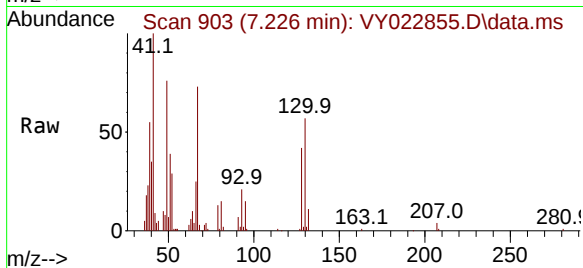


#41  
Methacrylonitrile  
Concen: 19.367 ug/l  
RT: 7.226 min Scan# 901  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

Tgt Ion: 41 Resp: 32567

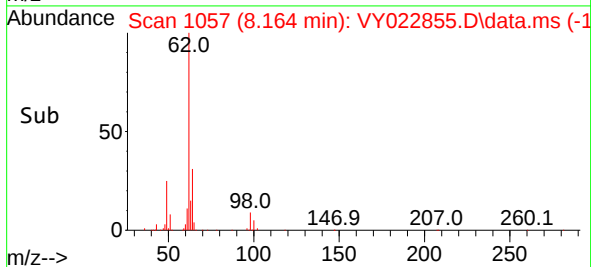
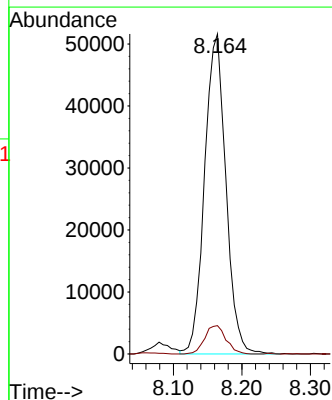
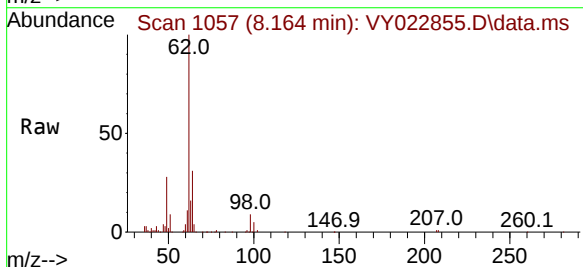
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 54.9  | 46.6  | 69.8  |
| 67  | 76.1  | 63.3  | 94.9  |
| 52  | 31.8  | 27.5  | 41.3  |

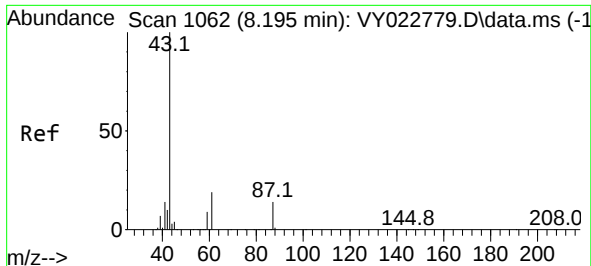


#42  
1,2-Dichloroethane  
Concen: 20.933 ug/l  
RT: 8.164 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 62 Resp: 111640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.9   | 0.0   | 19.2  |

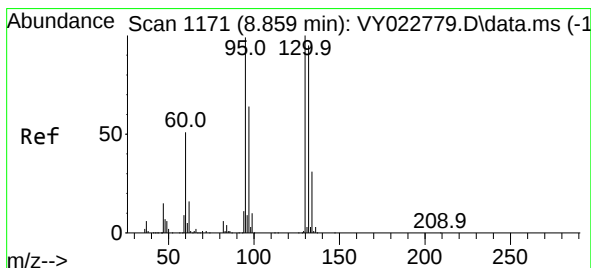
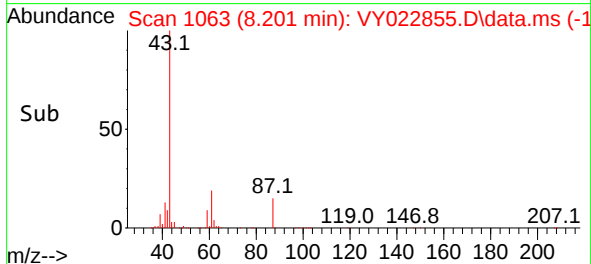
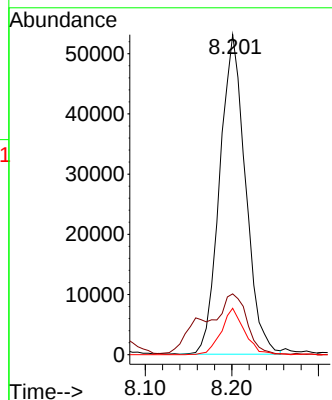
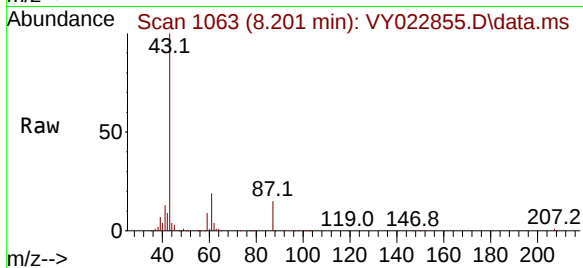




#43  
Isopropyl Acetate  
Concen: 19.315 ug/l  
RT: 8.201 min Scan# 1063  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

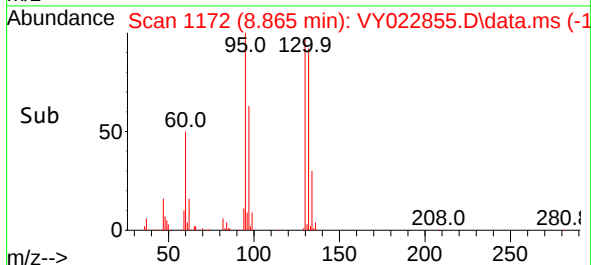
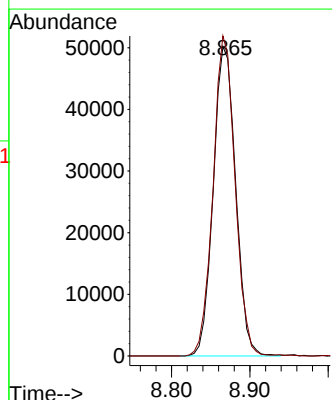
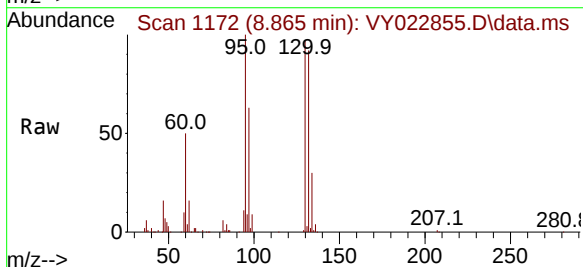
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

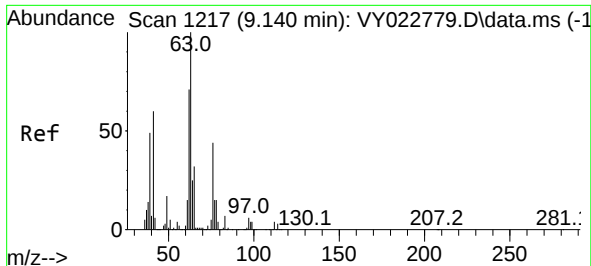
Tgt Ion: 43 Resp: 109655  
Ion Ratio Lower Upper  
43 100  
61 17.7 15.6 23.4  
87 13.2 10.2 15.4



#44  
Trichloroethene  
Concen: 20.379 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion:130 Resp: 99580  
Ion Ratio Lower Upper  
130 100  
95 103.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 21.059 ug/l

RT: 9.146 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

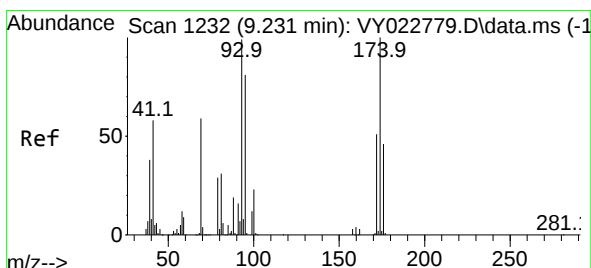
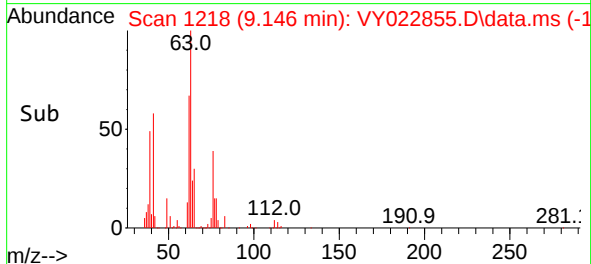
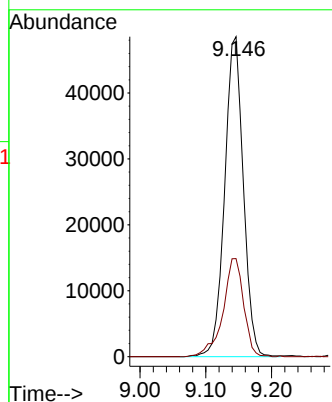
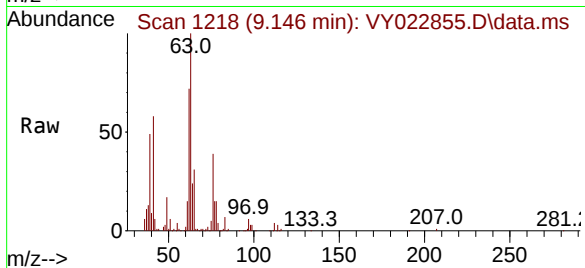
VY0627SBSD01

Tgt Ion: 63 Resp: 95922

Ion Ratio Lower Upper

63 100

65 30.6 24.0 36.0



#46

Dibromomethane

Concen: 20.475 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

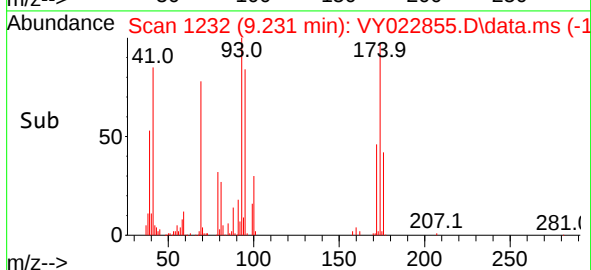
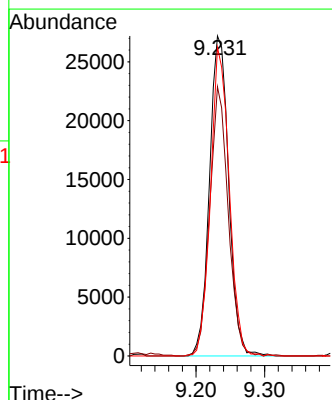
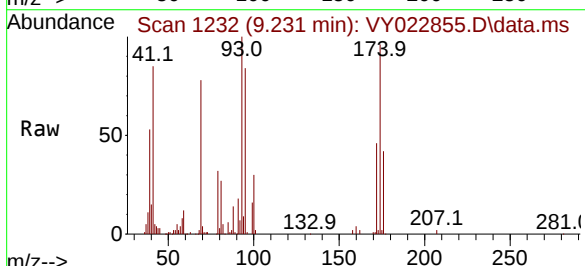
Tgt Ion: 93 Resp: 52943

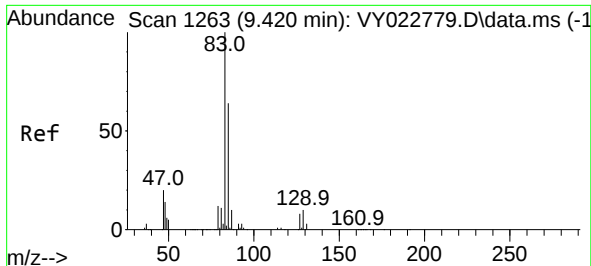
Ion Ratio Lower Upper

93 100

95 81.4 65.6 98.4

174 93.8 70.4 105.6

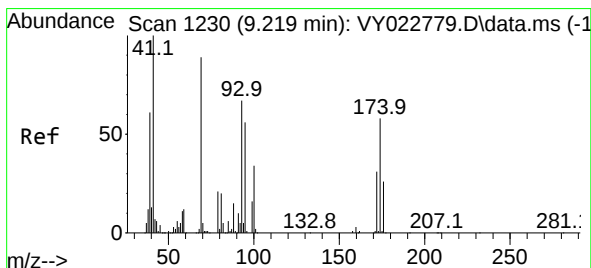
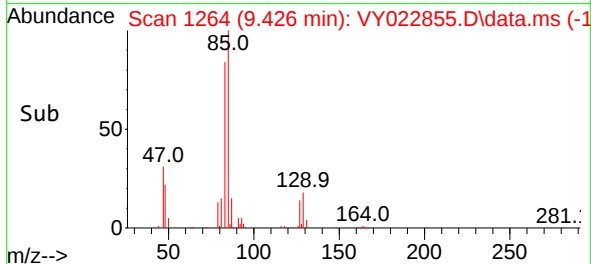
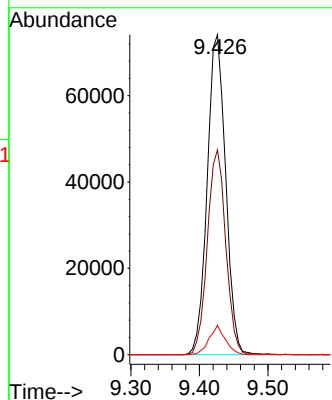
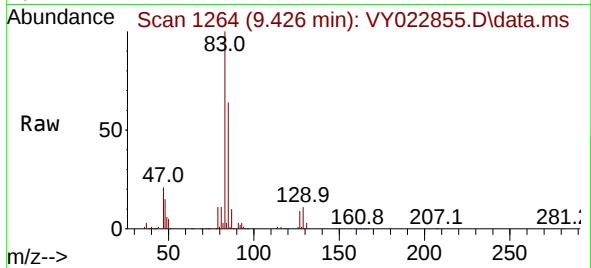




#47  
Bromodichloromethane  
Concen: 20.845 ug/l  
RT: 9.426 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

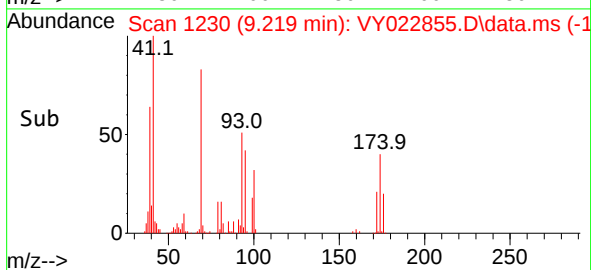
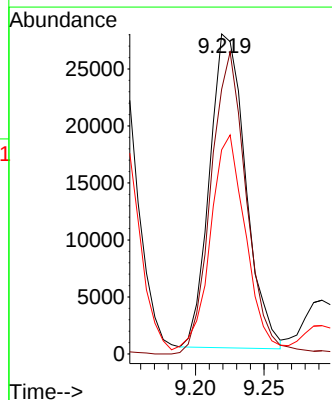
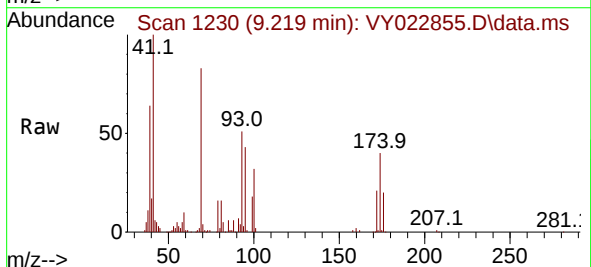
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

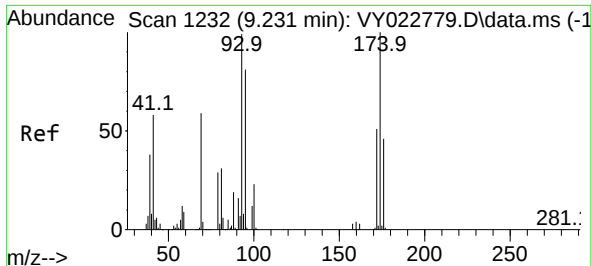
Tgt Ion: 83 Resp: 138992  
Ion Ratio Lower Upper  
83 100  
85 64.0 49.1 73.7  
127 9.1 6.2 9.4



#48  
Methyl methacrylate  
Concen: 18.479 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 41 Resp: 50434  
Ion Ratio Lower Upper  
41 100  
69 94.8 67.8 101.8  
39 66.1 55.0 82.4





#49

1,4-Dioxane

Concen: 343.148 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

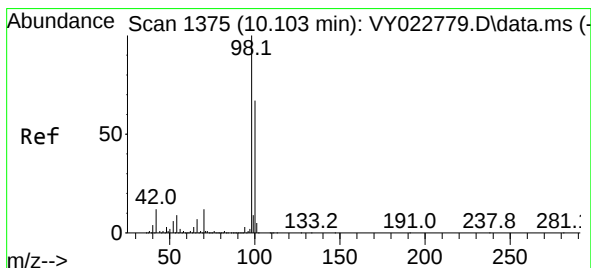
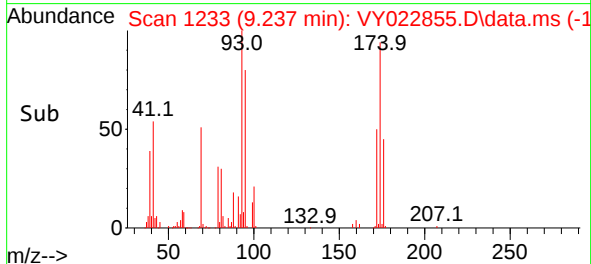
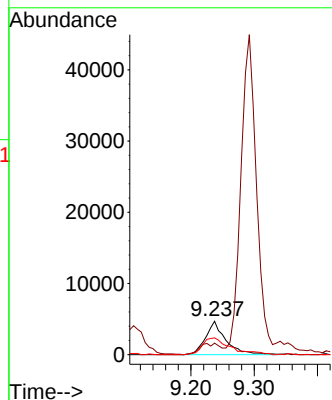
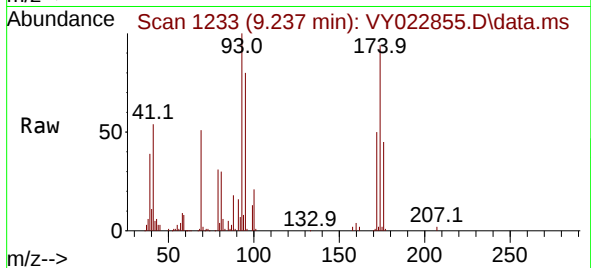
Tgt Ion: 88 Resp: 10483

Ion Ratio Lower Upper

88 100

43 33.7 25.4 38.2

58 68.7 54.9 82.3



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022855.D

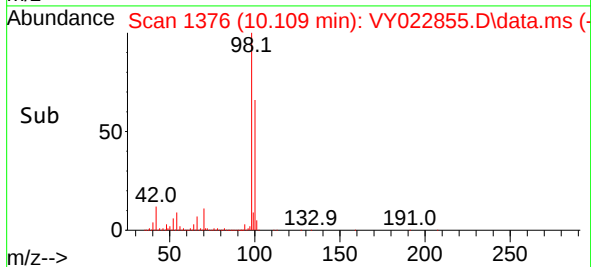
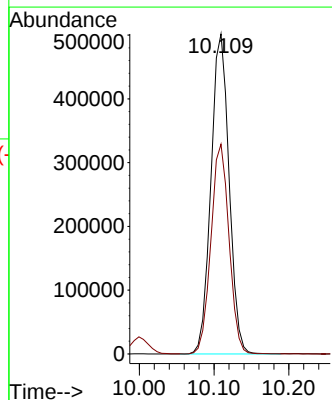
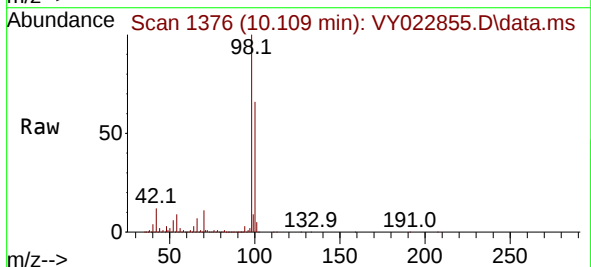
Acq: 27 Jun 2025 12:22

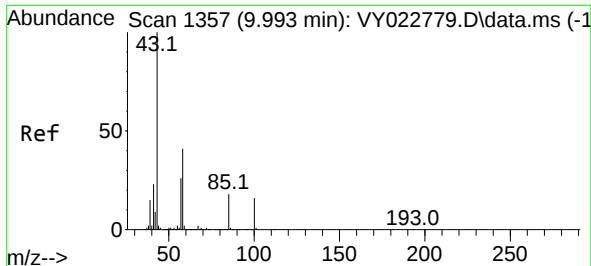
Tgt Ion: 98 Resp: 844961

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

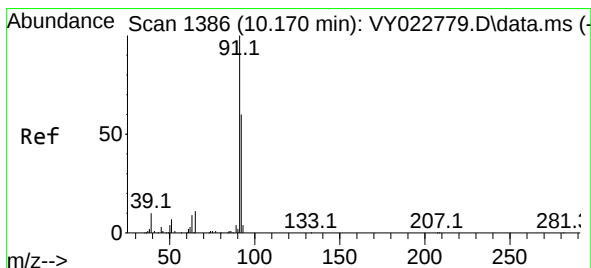
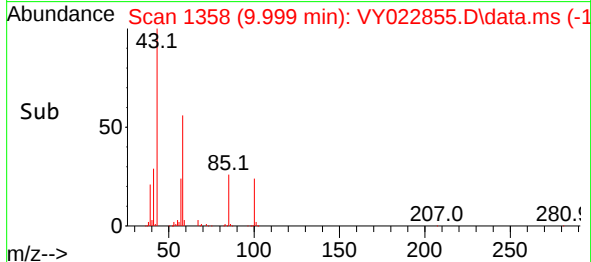
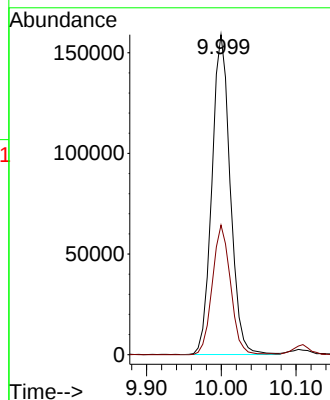
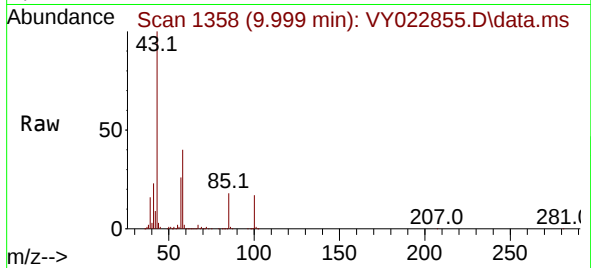




#51  
4-Methyl-2-Pentanone  
Concen: 94.008 ug/l  
RT: 9.999 min Scan# 1357  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

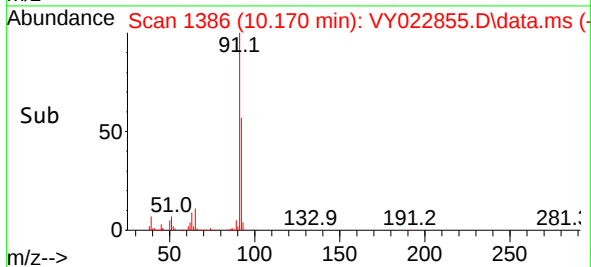
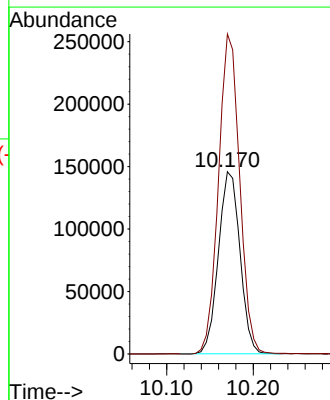
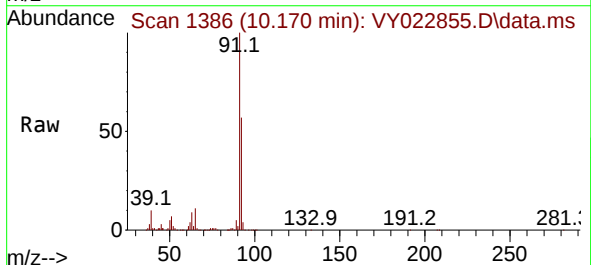
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

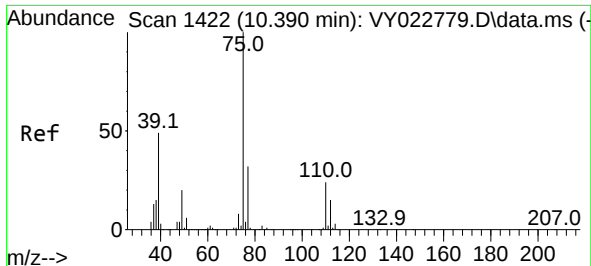
Tgt Ion: 43 Resp: 271211  
Ion Ratio Lower Upper  
43 100  
58 40.5 30.4 45.6



#52  
Toluene  
Concen: 20.518 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 92 Resp: 251920  
Ion Ratio Lower Upper  
92 100  
91 172.8 139.0 208.4

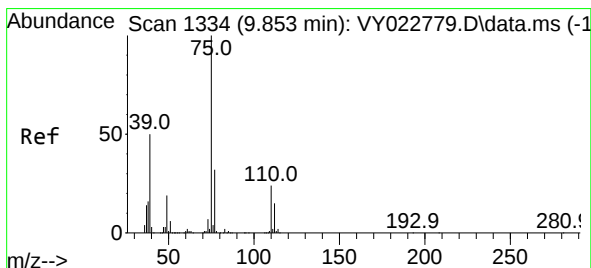
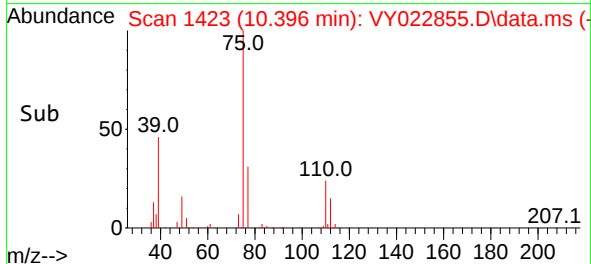
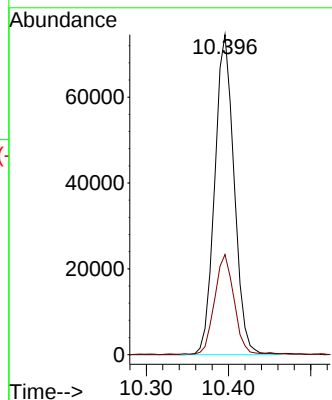
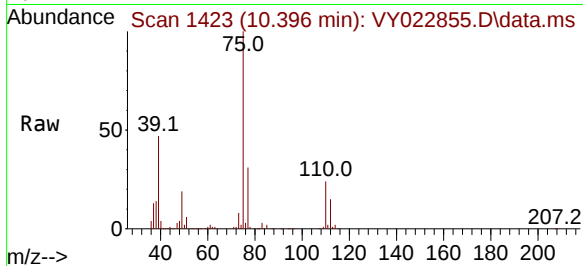




#53  
 t-1,3-Dichloropropene  
 Concen: 20.353 ug/l  
 RT: 10.396 min Scan# 1422  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

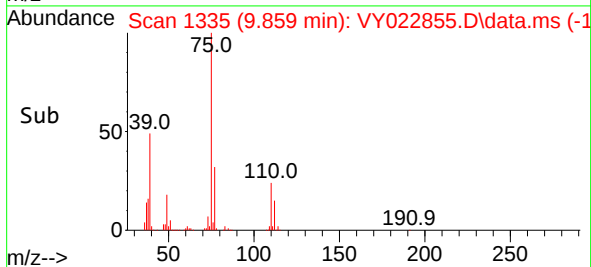
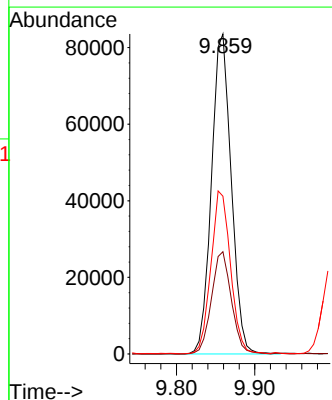
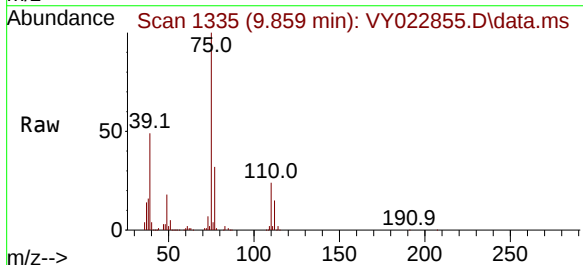
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

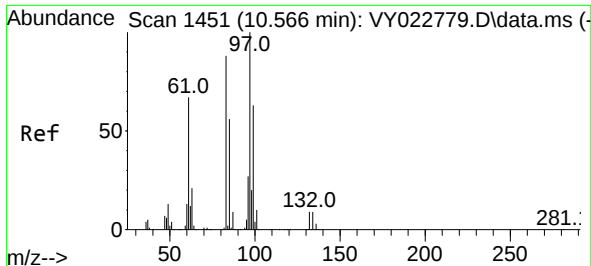
Tgt Ion: 75 Resp: 122104  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.5 39.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.073 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion: 75 Resp: 146585  
 Ion Ratio Lower Upper  
 75 100  
 77 31.9 25.3 37.9  
 39 49.2 42.7 64.1

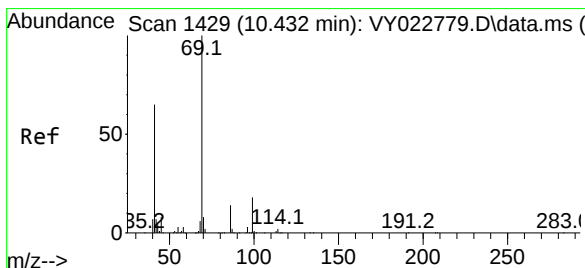
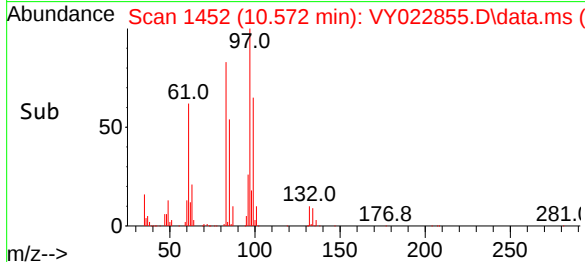
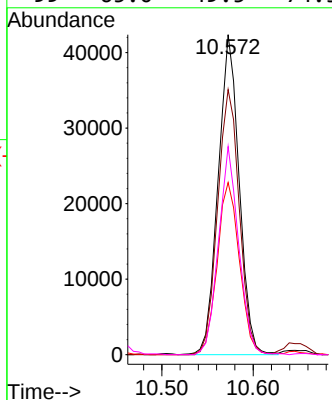
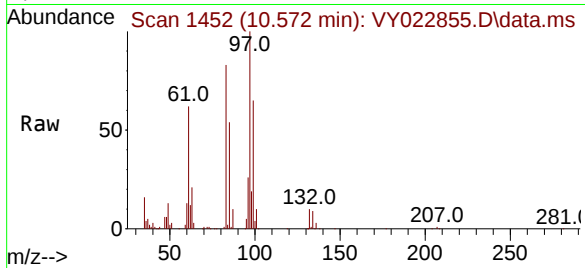




#55  
1,1,2-Trichloroethane  
Concen: 20.276 ug/l  
RT: 10.572 min Scan# 1451  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

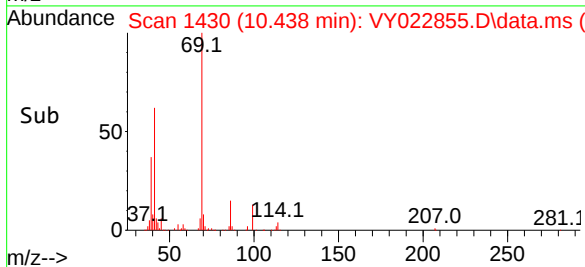
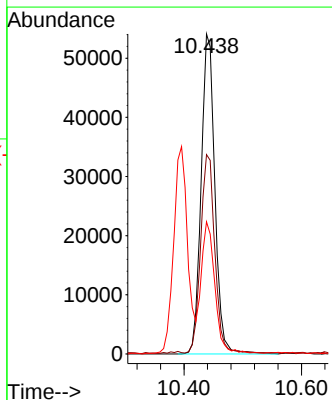
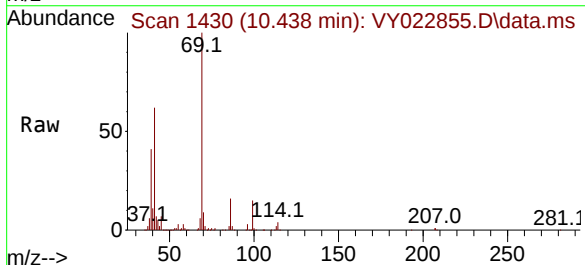
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

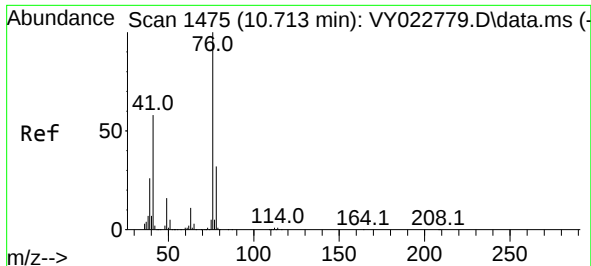
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 67889 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 82.8     | 68.1 102.1  |
| 85 53.8     | 48.2 72.2   |
| 99 65.0     | 49.5 74.3   |



#56  
Ethyl methacrylate  
Concen: 19.497 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 87830 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 63.8     | 52.2 78.2   |
| 39 40.6     | 36.7 55.1   |





#57

1,3-Dichloropropane

Concen: 20.323 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

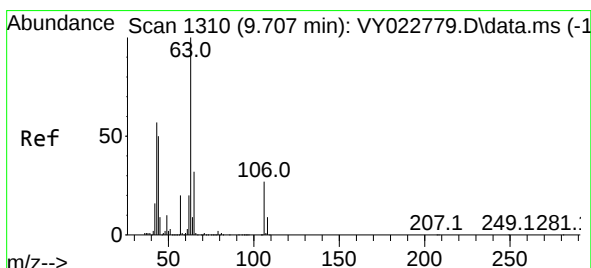
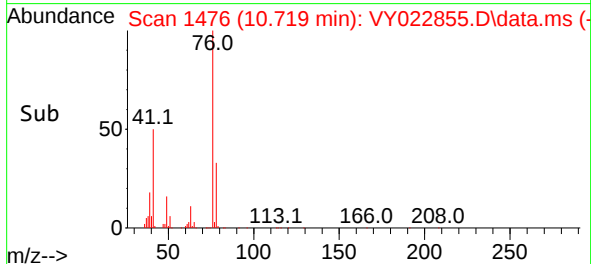
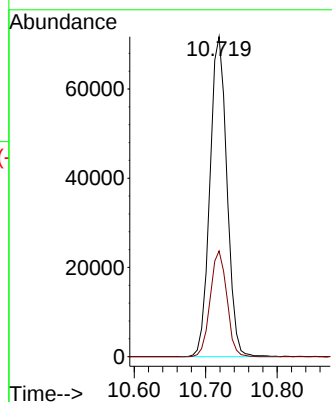
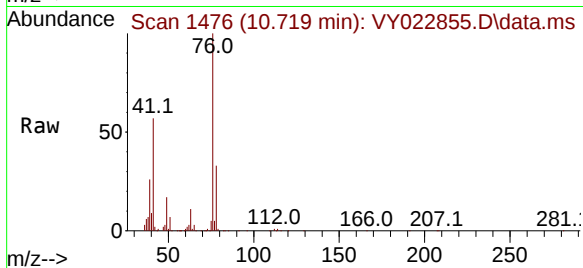
VY0627SBSD01

Tgt Ion: 76 Resp: 118722

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.814 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022855.D

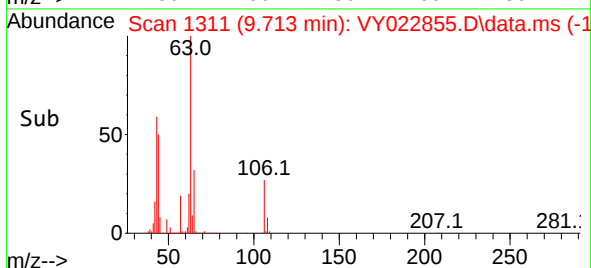
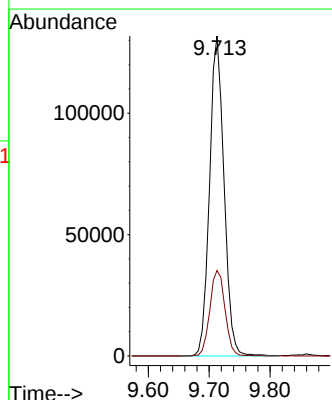
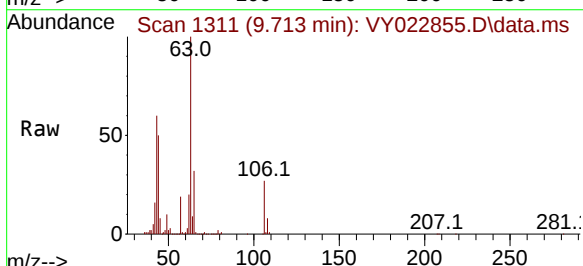
Acq: 27 Jun 2025 12:22

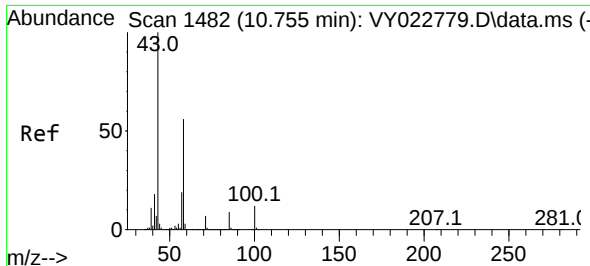
Tgt Ion: 63 Resp: 217618

Ion Ratio Lower Upper

63 100

106 27.9 21.6 32.4

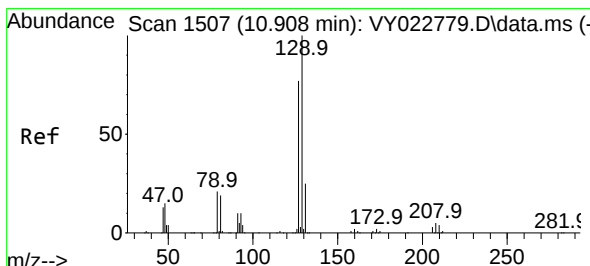
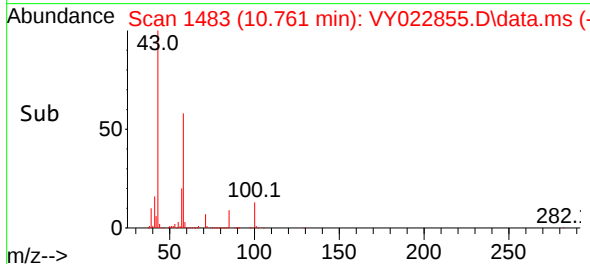
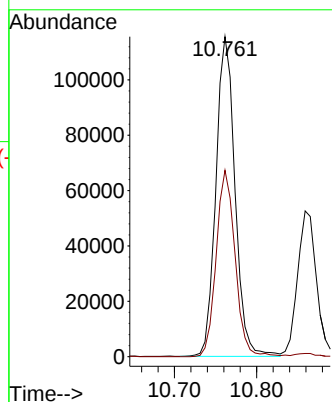
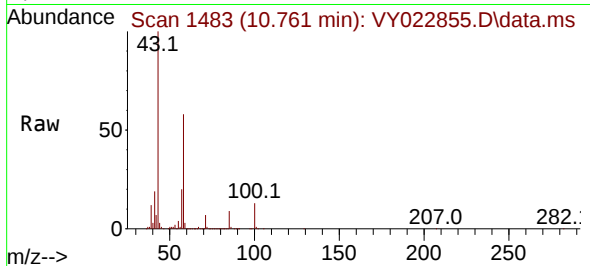




#59  
2-Hexanone  
Concen: 95.123 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

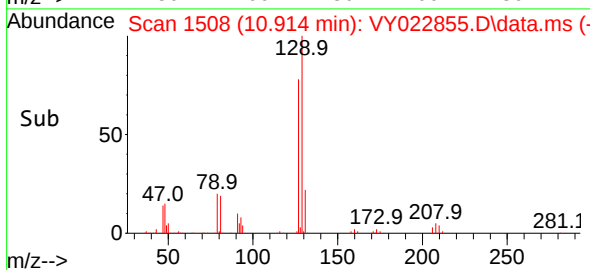
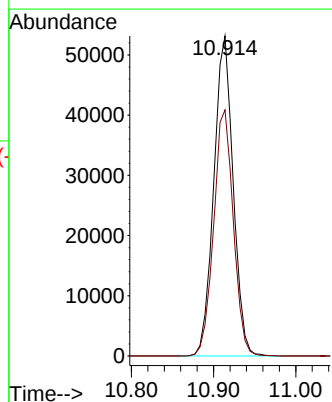
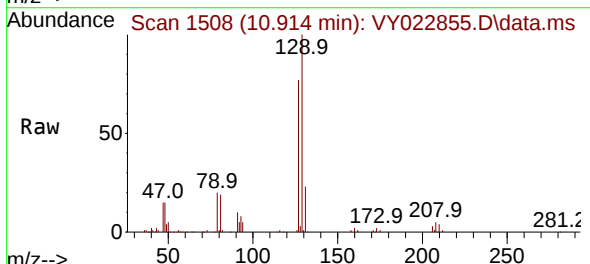
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

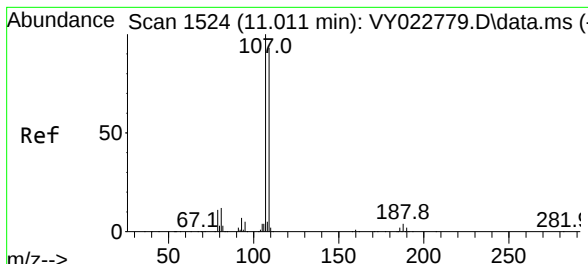
Tgt Ion: 43 Resp: 186577  
Ion Ratio Lower Upper  
43 100  
58 57.7 27.3 81.8



#60  
Dibromochloromethane  
Concen: 20.087 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 129 Resp: 86874  
Ion Ratio Lower Upper  
129 100  
127 78.2 39.1 117.2



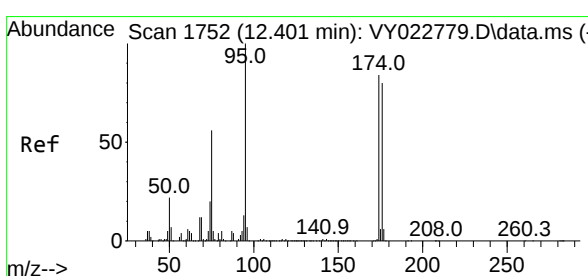
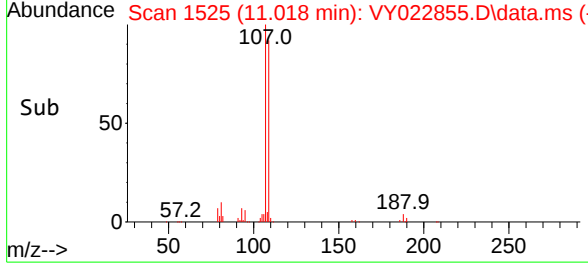
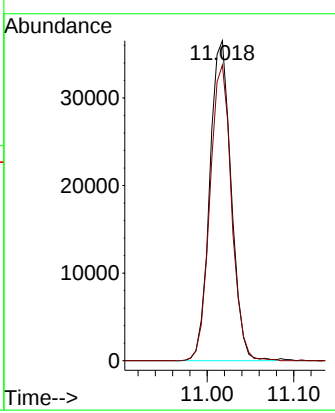
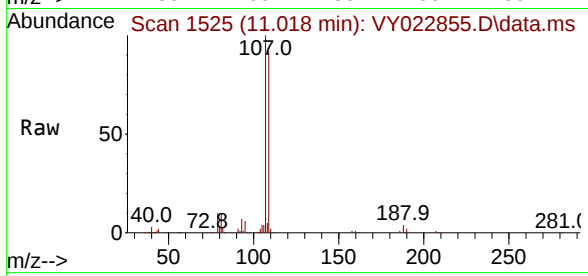


#61  
 1,2-Dibromoethane  
 Concen: 20.035 ug/l  
 RT: 11.018 min Scan# 1525  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

Tgt Ion: 107 Resp: 62775

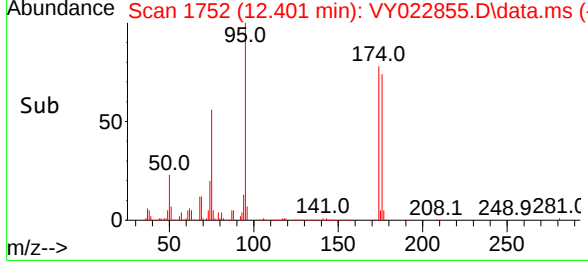
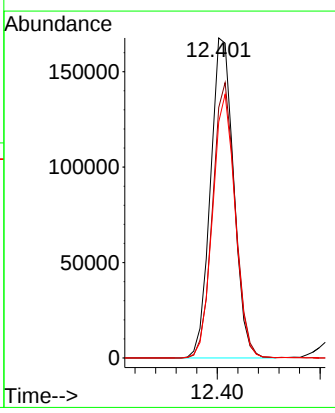
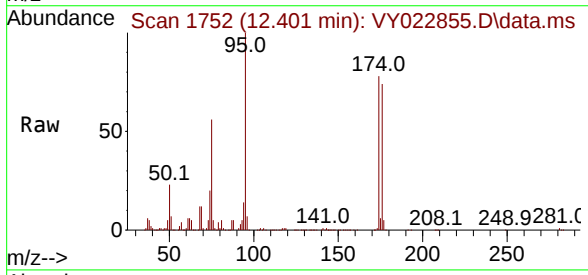
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 109 | 93.0  | 77.7  | 116.5 |

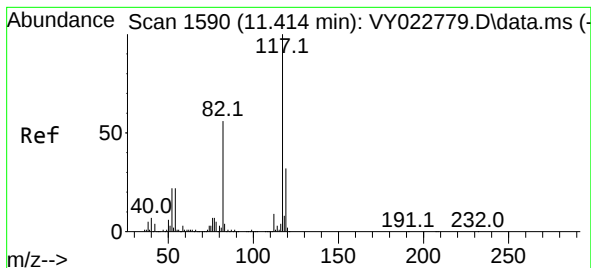


#62  
 4-Bromofluorobenzene  
 Concen: 49.212 ug/l  
 RT: 12.401 min Scan# 1752  
 Delta R.T. -0.006 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion: 95 Resp: 262167

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 84.2  | 0.0   | 170.0 |
| 176 | 80.5  | 0.0   | 166.2 |





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

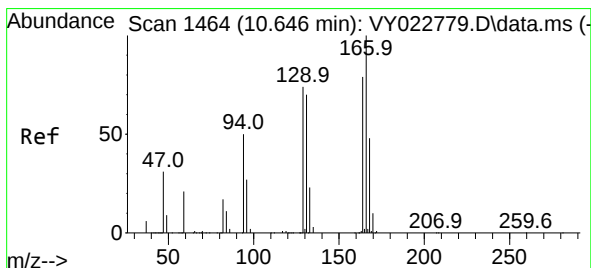
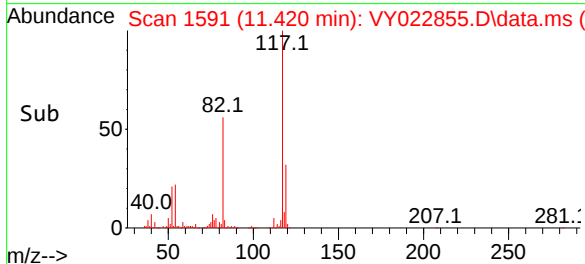
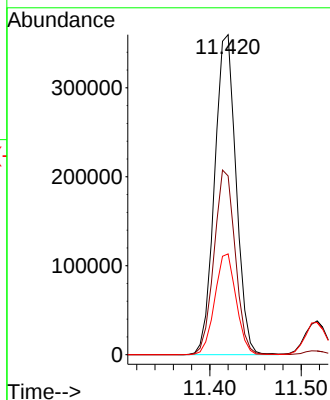
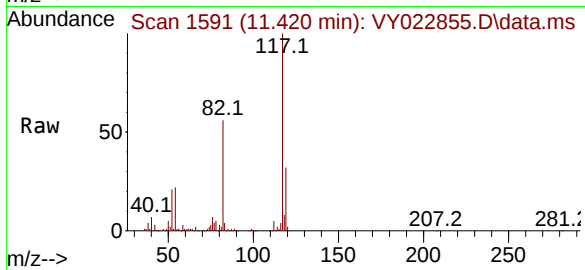
Tgt Ion:117 Resp: 587941

Ion Ratio Lower Upper

117 100

82 55.9 44.6 66.8

119 31.5 25.4 38.0



#64

Tetrachloroethene

Concen: 20.543 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Tgt Ion:164 Resp: 114102

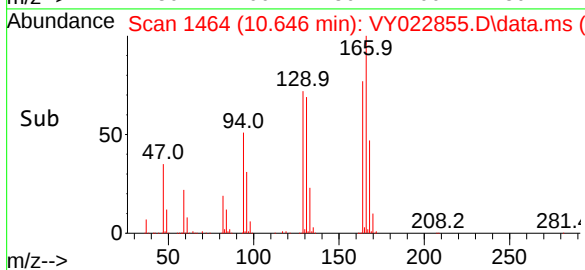
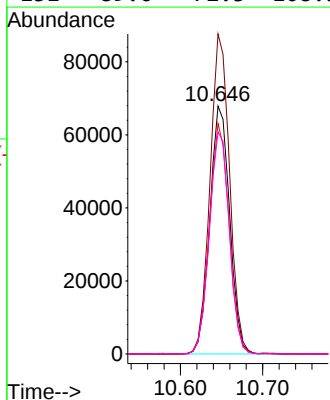
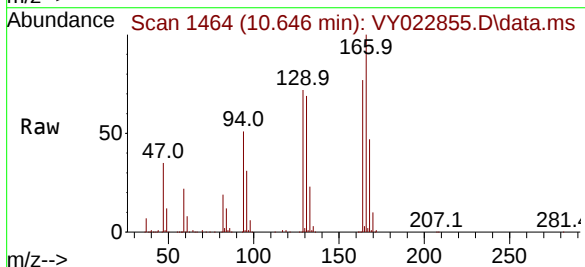
Ion Ratio Lower Upper

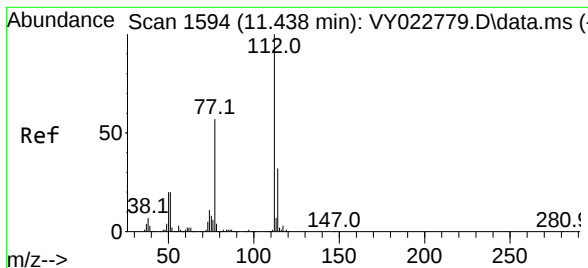
164 100

166 129.1 104.0 156.0

129 93.0 74.5 111.7

131 89.6 72.3 108.5





#65

Chlorobenzene

Concen: 20.950 ug/l

RT: 11.444 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

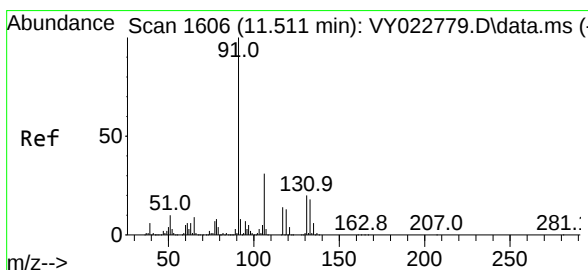
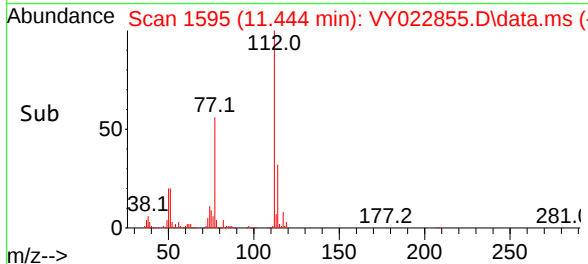
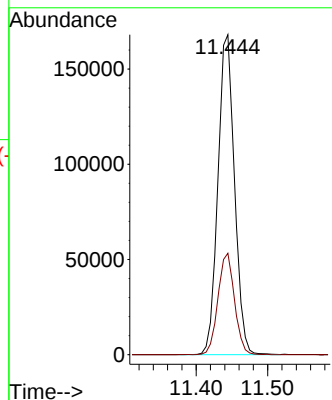
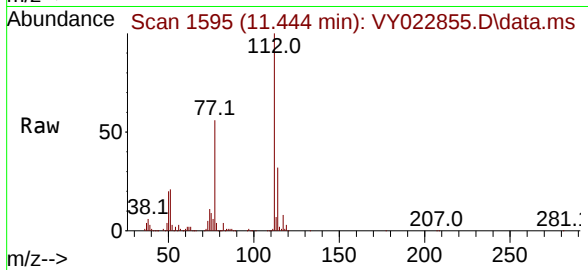
VY0627SBSD01

Tgt Ion:112 Resp: 270647

Ion Ratio Lower Upper

112 100

114 31.7 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.199 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

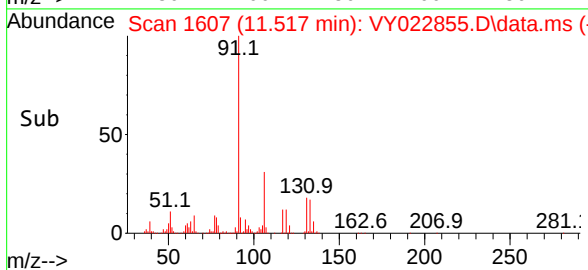
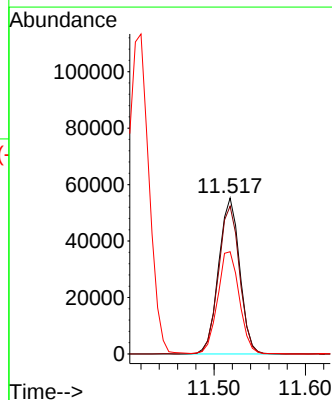
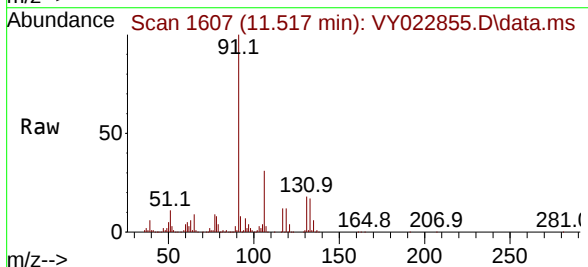
Tgt Ion:131 Resp: 88384

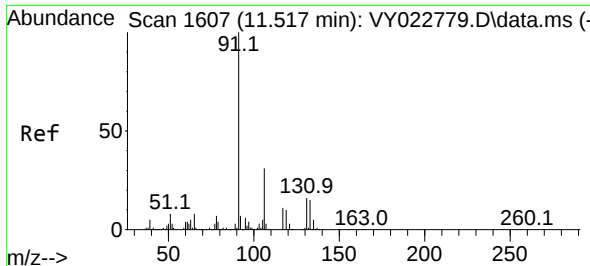
Ion Ratio Lower Upper

131 100

133 95.5 47.3 141.8

119 67.9 33.1 99.3





#67

Ethyl Benzene

Concen: 20.904 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

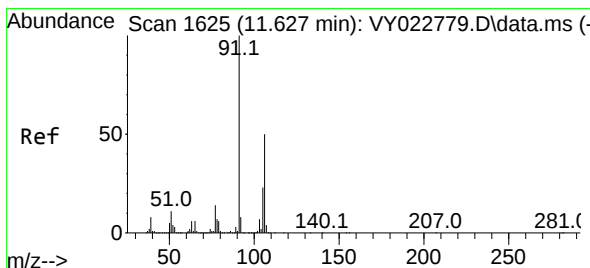
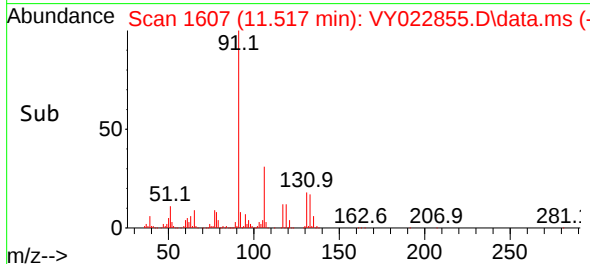
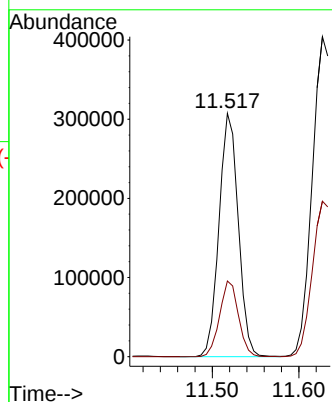
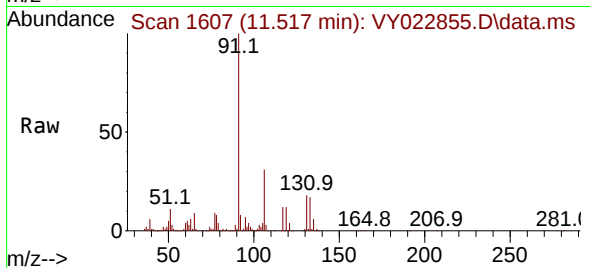
VY0627SBSD01

Tgt Ion: 91 Resp: 474480

Ion Ratio Lower Upper

91 100

106 31.1 24.2 36.4



#68

m/p-Xylenes

Concen: 40.812 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022855.D

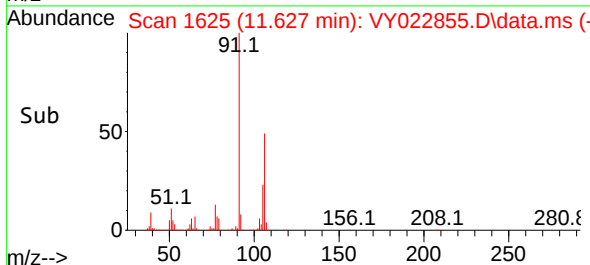
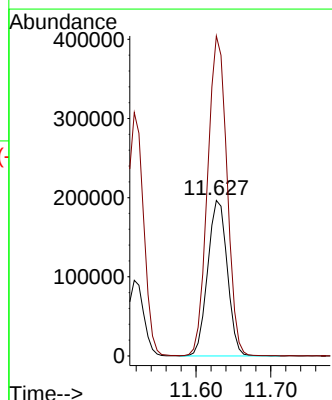
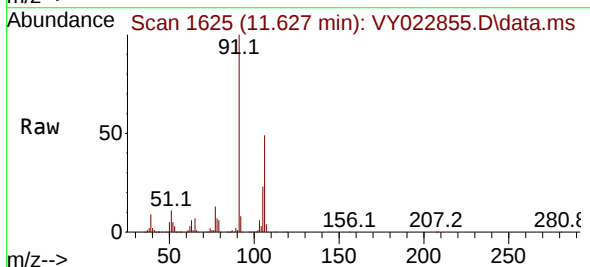
Acq: 27 Jun 2025 12:22

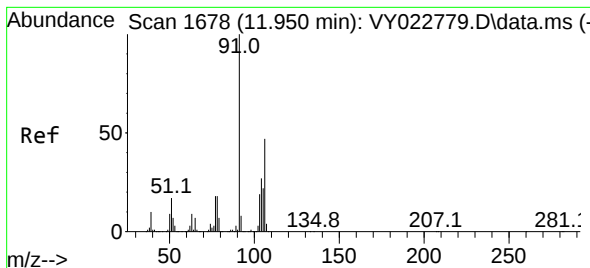
Tgt Ion:106 Resp: 358101

Ion Ratio Lower Upper

106 100

91 203.7 159.4 239.0

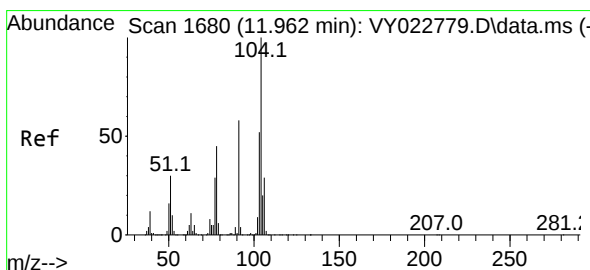
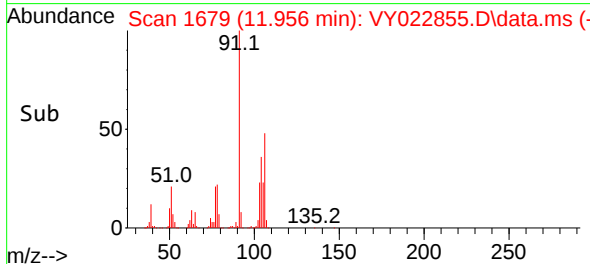
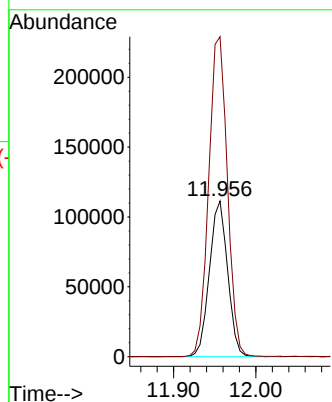
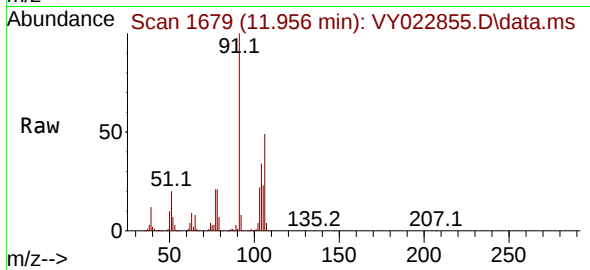




#69  
o-Xylene  
Concen: 20.705 ug/l  
RT: 11.956 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

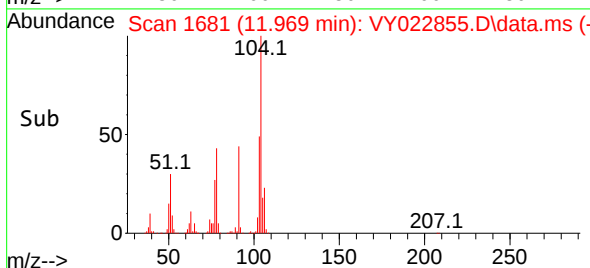
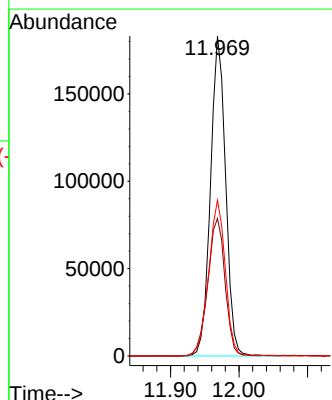
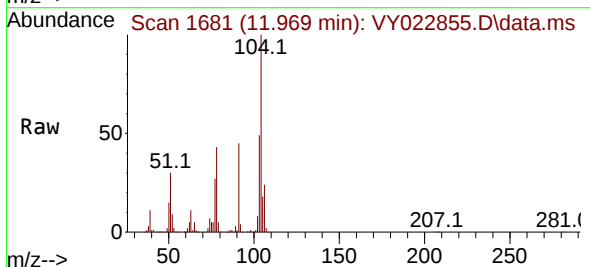
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

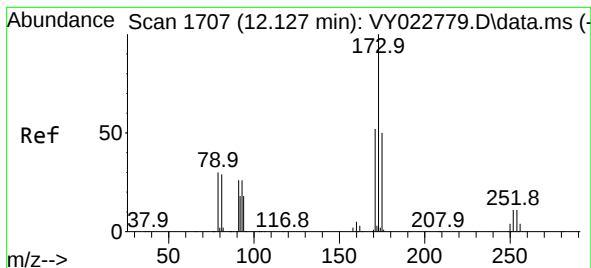
Tgt Ion:106 Resp: 171183  
Ion Ratio Lower Upper  
106 100  
91 211.5 105.8 317.3



#70  
Styrene  
Concen: 20.310 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion:104 Resp: 281270  
Ion Ratio Lower Upper  
104 100  
78 48.8 39.5 59.3  
103 53.8 44.1 66.1





#71

Bromoform

Concen: 19.004 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

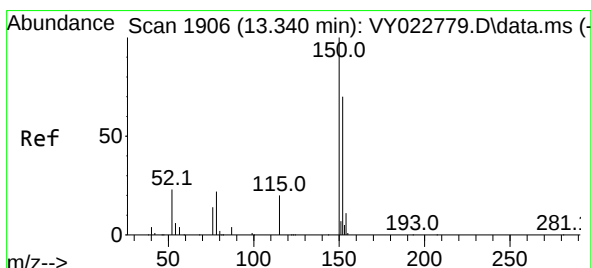
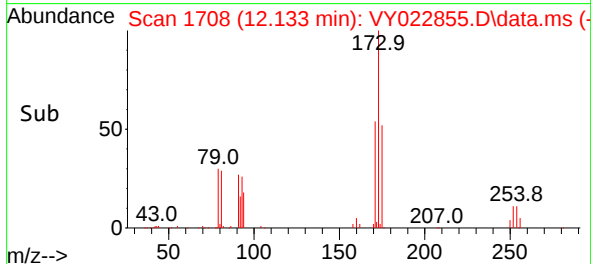
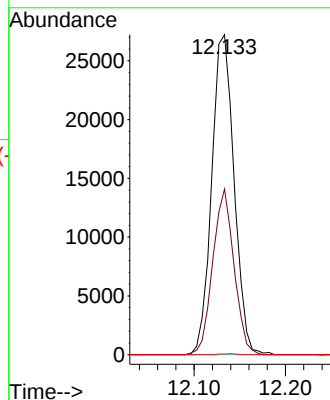
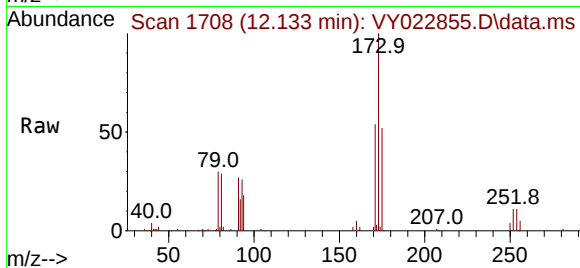
Tgt Ion:173 Resp: 46302

Ion Ratio Lower Upper

173 100

175 49.1 23.8 71.5

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

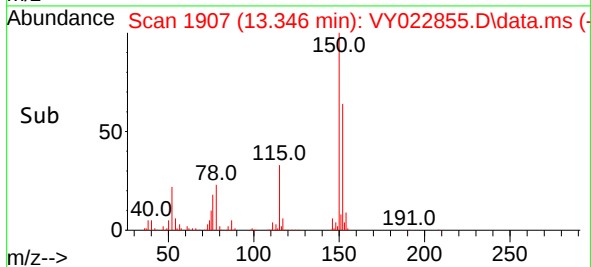
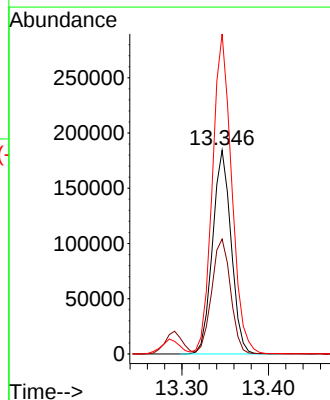
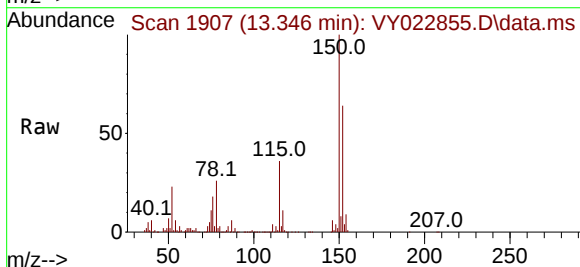
Tgt Ion:152 Resp: 274040

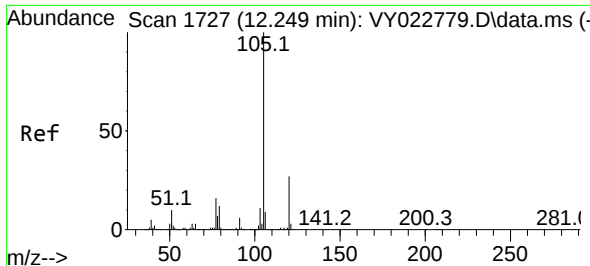
Ion Ratio Lower Upper

152 100

115 57.6 28.9 86.7

150 163.6 0.0 349.6

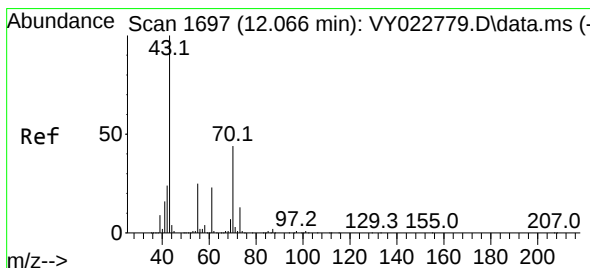
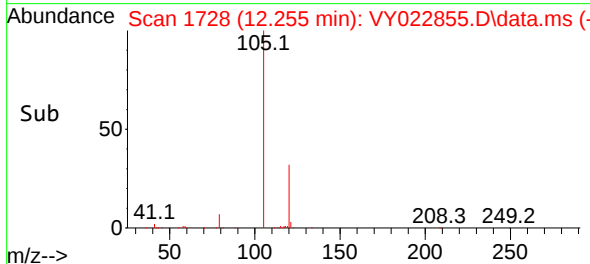
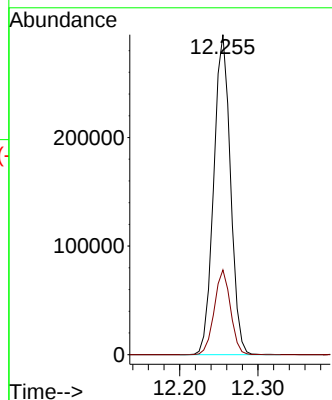
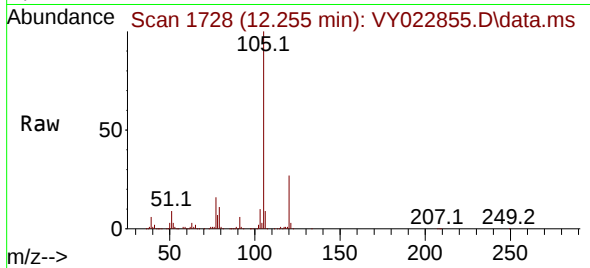




#73  
Isopropylbenzene  
Concen: 21.581 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

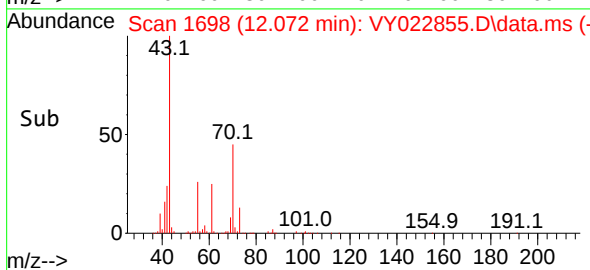
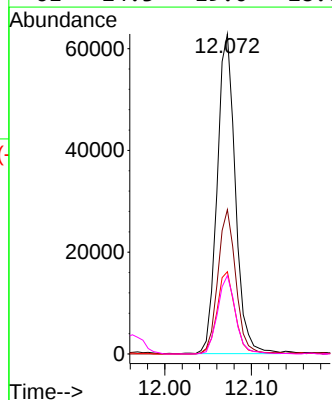
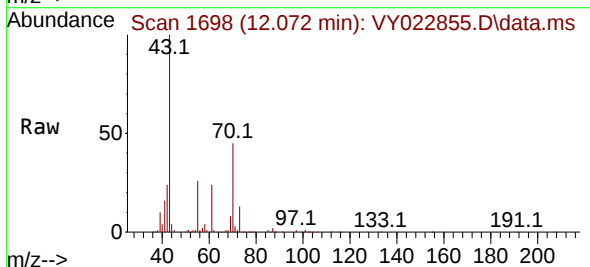
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBS01

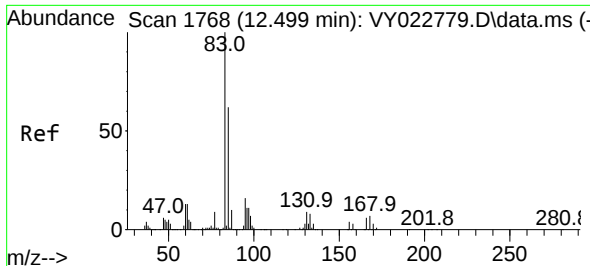
Tgt Ion:105 Resp: 437377  
Ion Ratio Lower Upper  
105 100  
120 25.6 13.0 38.9



#74  
N-ethyl acetate  
Concen: 20.094 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 43 Resp: 91412  
Ion Ratio Lower Upper  
43 100  
70 44.5 34.2 51.2  
55 26.0 18.2 27.4  
61 24.3 19.0 28.6

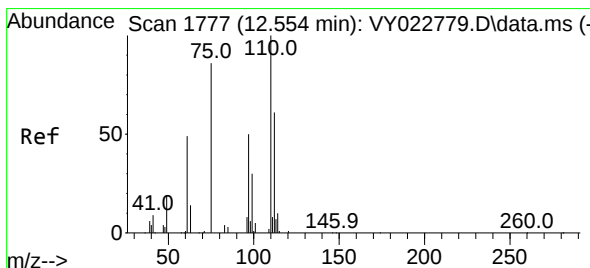
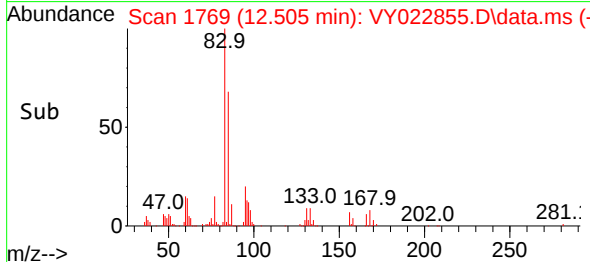
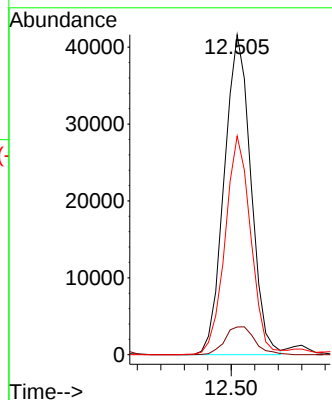
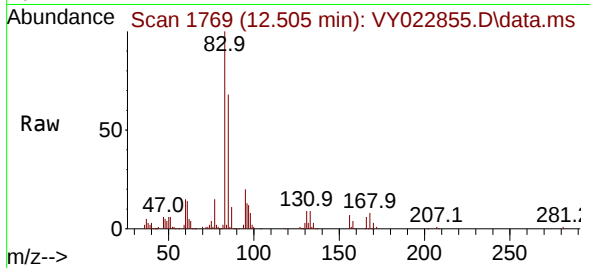




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.034 ug/l  
RT: 12.505 min Scan# 1769  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

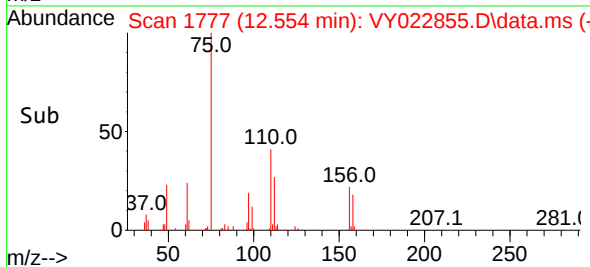
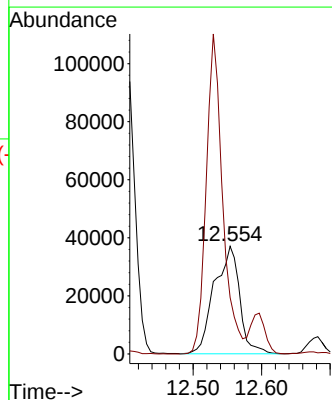
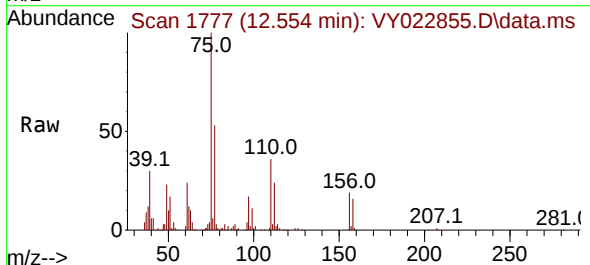
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

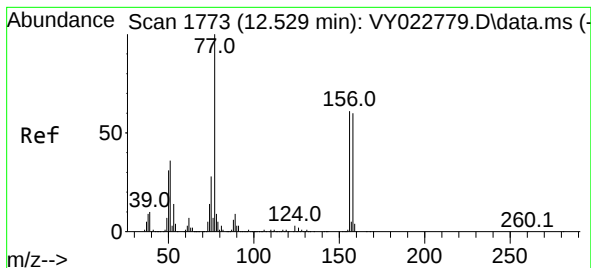
Tgt Ion: 83 Resp: 65438  
Ion Ratio Lower Upper  
83 100  
131 9.8 4.9 14.7  
85 66.2 32.6 97.8



#76  
1,2,3-Trichloropropane  
Concen: 33.936 ug/l  
RT: 12.554 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 75 Resp: 94943  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.222 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

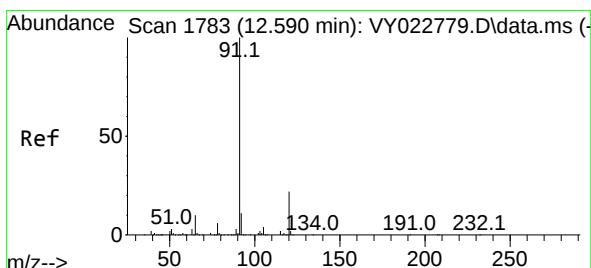
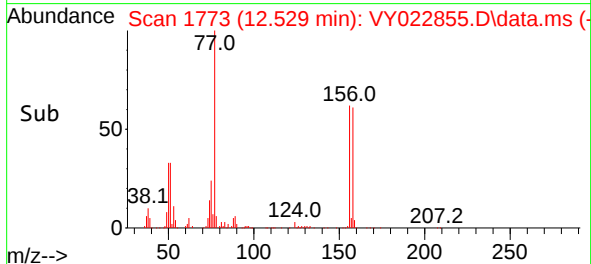
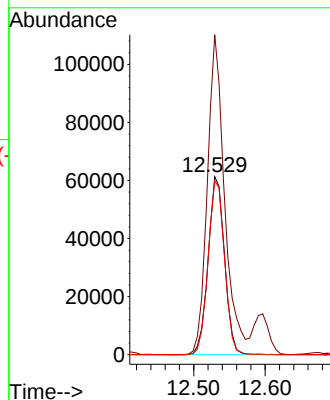
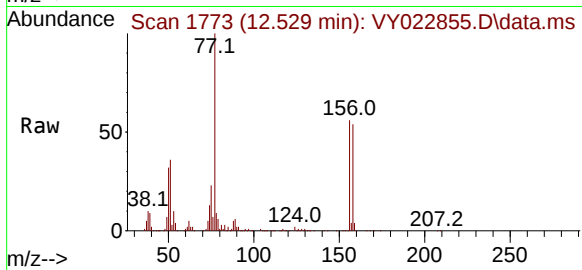
Tgt Ion:156 Resp: 97490

Ion Ratio Lower Upper

156 100

77 188.7 94.0 282.1

158 98.0 48.2 144.6



#78

n-propylbenzene

Concen: 21.614 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY022855.D

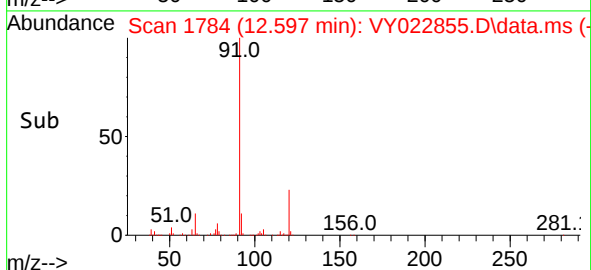
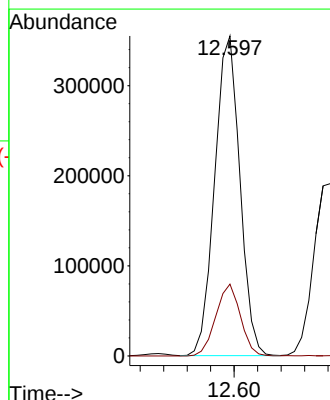
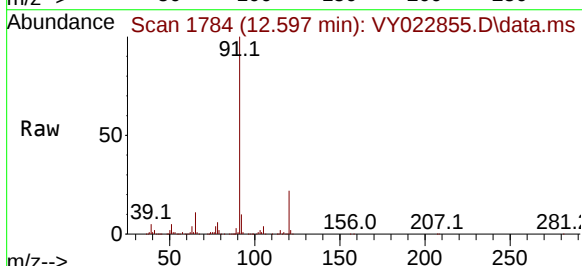
Acq: 27 Jun 2025 12:22

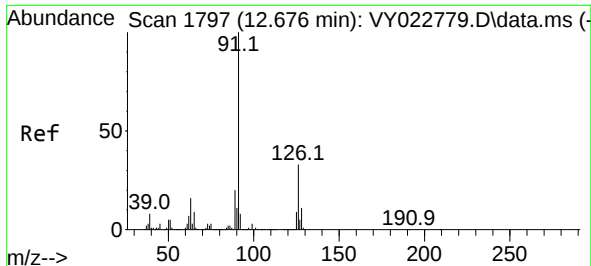
Tgt Ion: 91 Resp: 528889

Ion Ratio Lower Upper

91 100

120 21.9 10.8 32.4





#79

2-Chlorotoluene

Concen: 21.672 ug/l

RT: 12.682 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

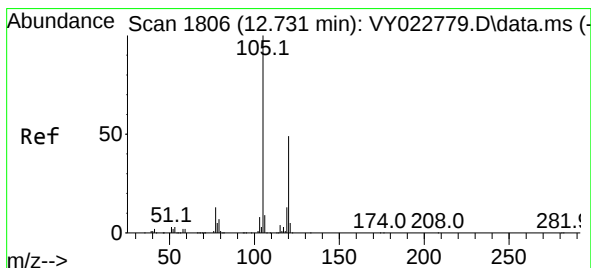
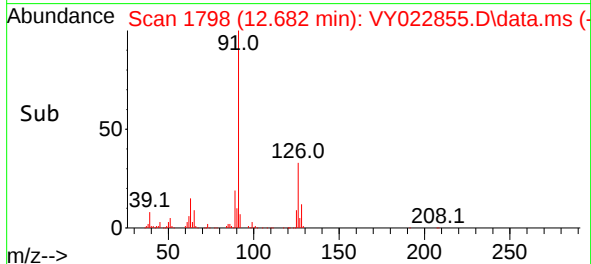
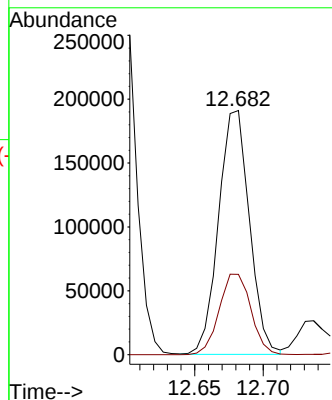
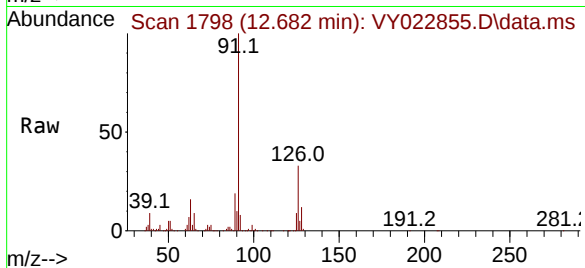
VY0627SBS01

Tgt Ion: 91 Resp: 299611

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 21.413 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022855.D

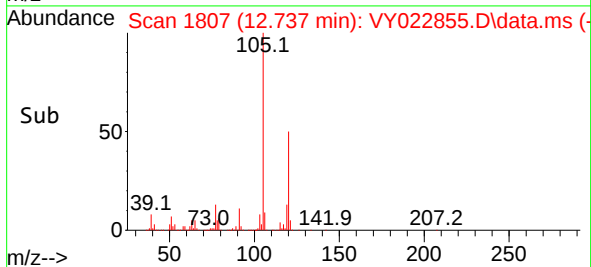
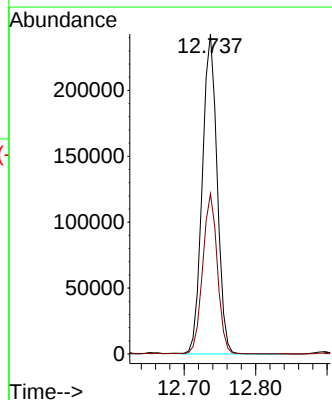
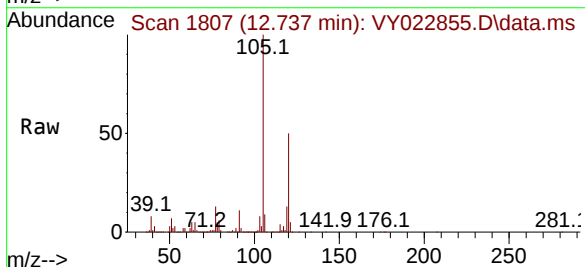
Acq: 27 Jun 2025 12:22

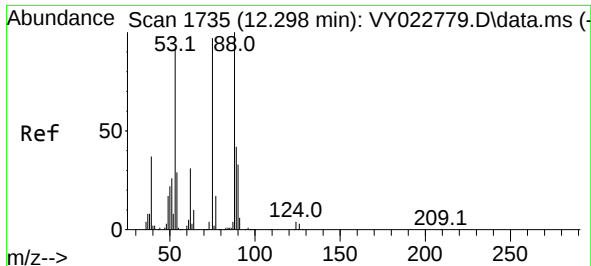
Tgt Ion: 105 Resp: 350335

Ion Ratio Lower Upper

105 100

120 49.6 24.1 72.4

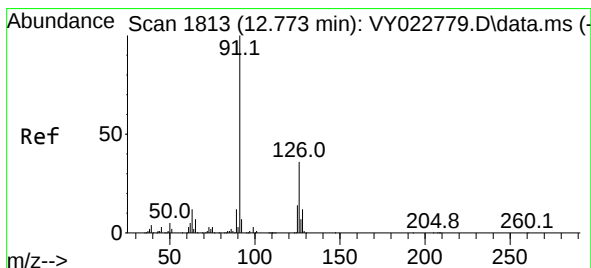
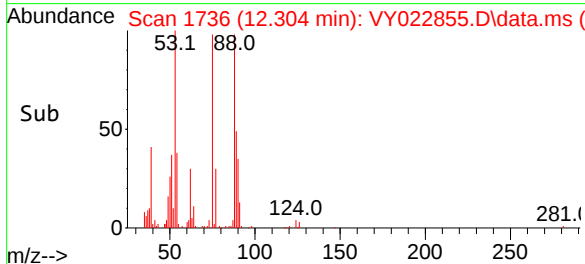
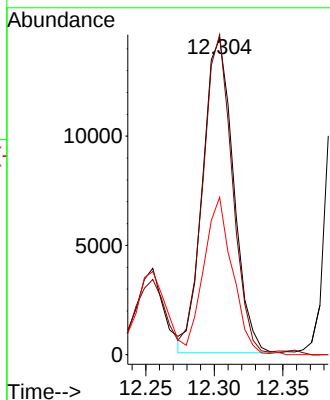
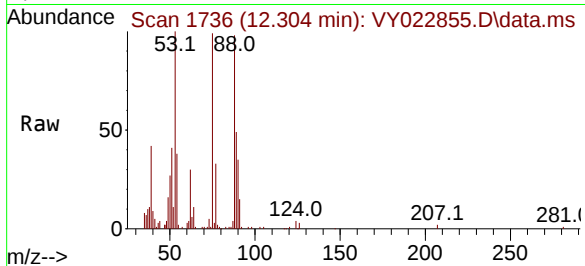




#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.262 ug/l  
RT: 12.304 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

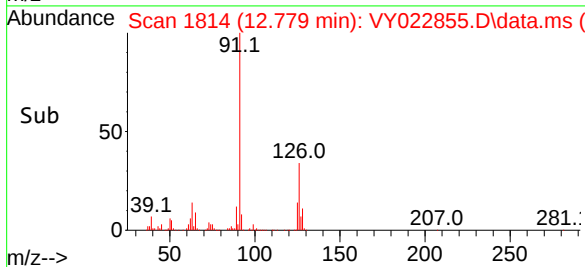
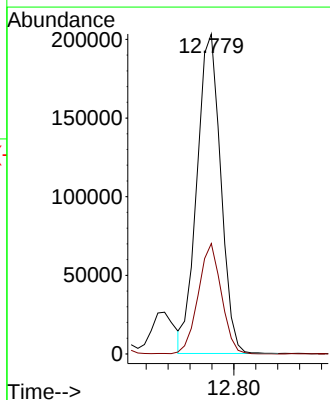
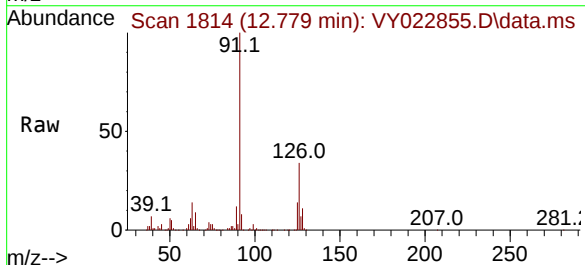
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0627SBSD01

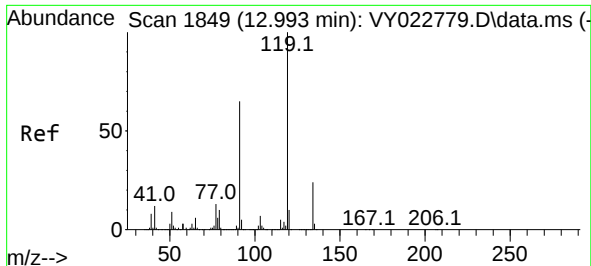
Tgt Ion: 75 Resp: 22438  
Ion Ratio Lower Upper  
75 100  
53 96.2 78.5 117.7  
89 46.7 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 21.069 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. -0.000 min  
Lab File: VY022855.D  
Acq: 27 Jun 2025 12:22

Tgt Ion: 91 Resp: 305956  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.0 50.9

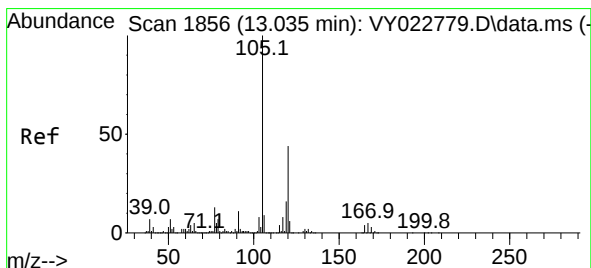
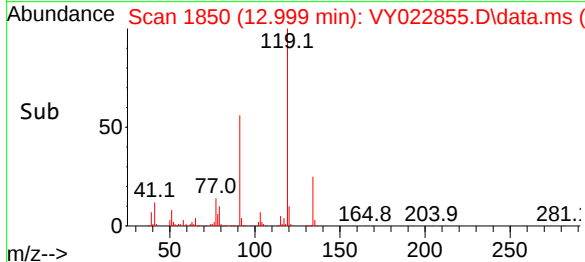
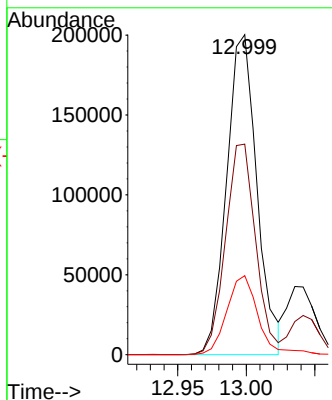
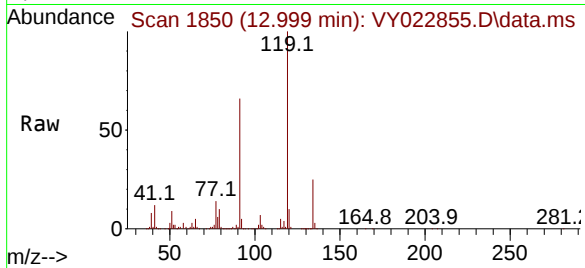




#83  
 tert-Butylbenzene  
 Concen: 21.409 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

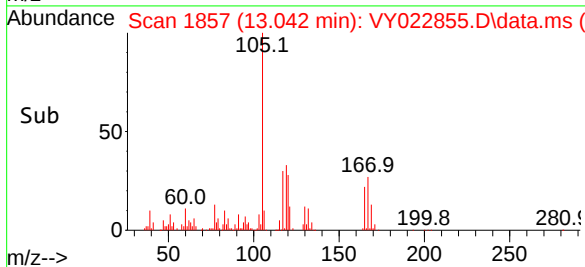
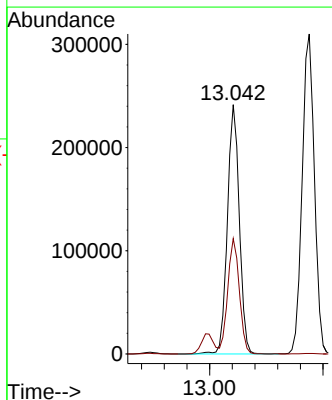
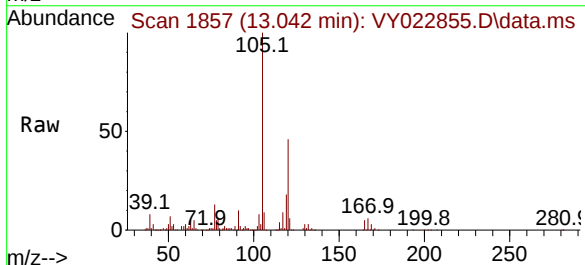
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBSD01

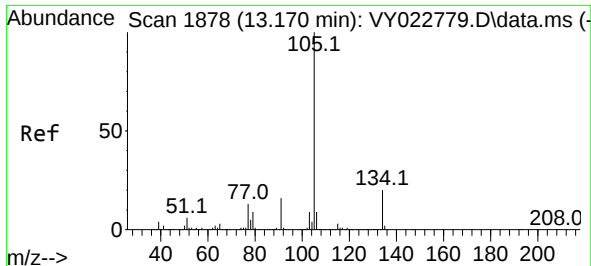
Tgt Ion:119 Resp: 308906  
 Ion Ratio Lower Upper  
 119 100  
 91 65.5 32.1 96.3  
 134 25.6 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.470 ug/l  
 RT: 13.042 min Scan# 1857  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion:105 Resp: 351686  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.7 68.1

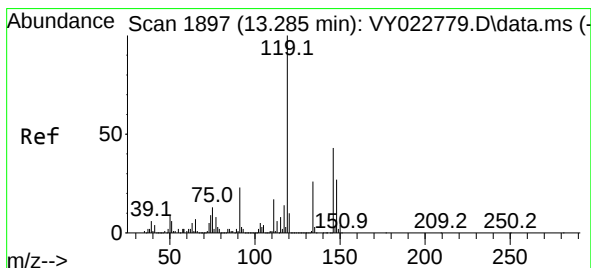
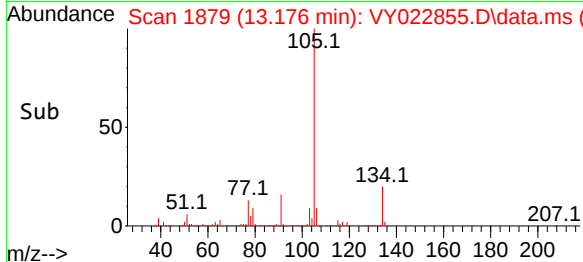
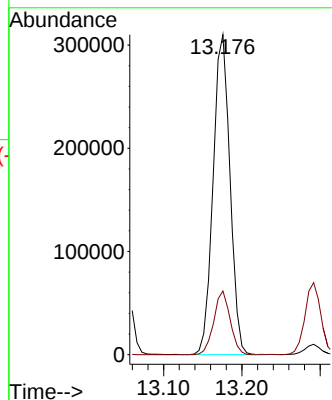
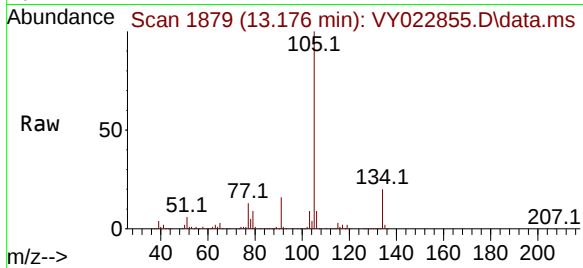




#85  
 sec-Butylbenzene  
 Concen: 21.336 ug/l  
 RT: 13.176 min Scan# 1878  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

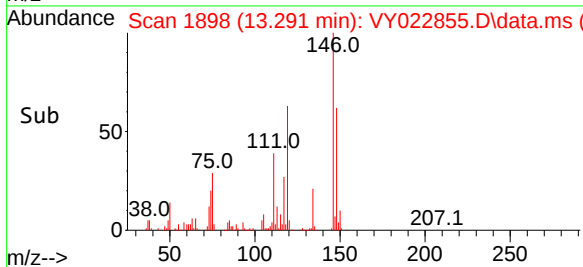
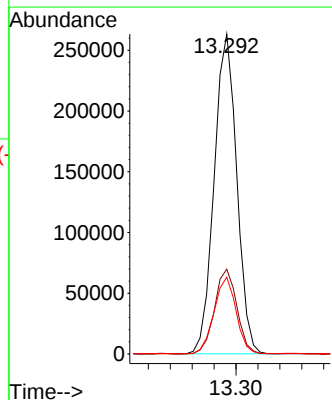
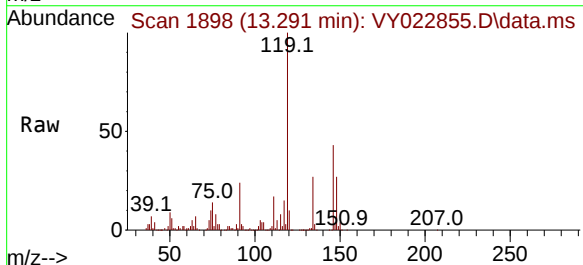
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0627SBS01

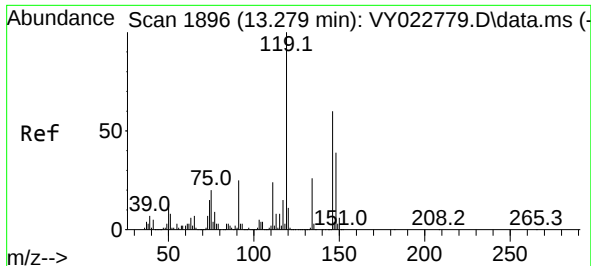
Tgt Ion:105 Resp: 463189  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 20.836 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. -0.000 min  
 Lab File: VY022855.D  
 Acq: 27 Jun 2025 12:22

Tgt Ion:119 Resp: 376429  
 Ion Ratio Lower Upper  
 119 100  
 134 26.3 13.1 39.1  
 91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 21.036 ug/l

RT: 13.285 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

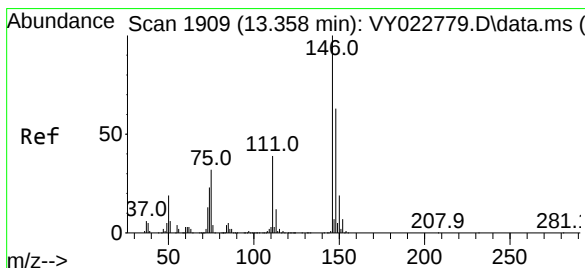
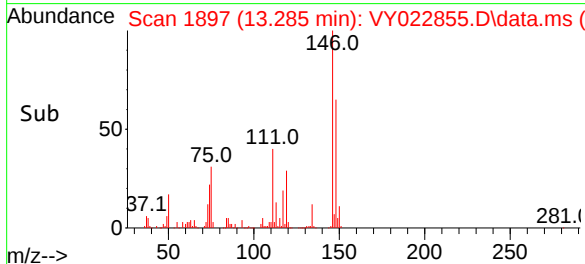
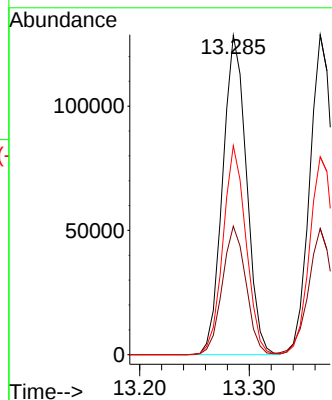
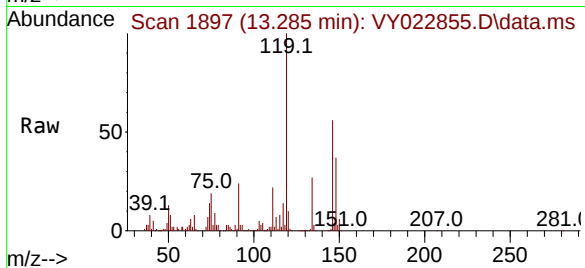
Tgt Ion:146 Resp: 194084

Ion Ratio Lower Upper

146 100

111 39.9 20.1 60.2

148 63.2 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 21.156 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

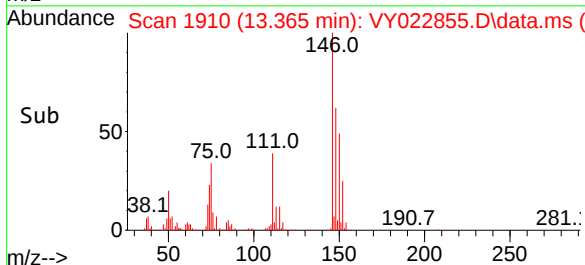
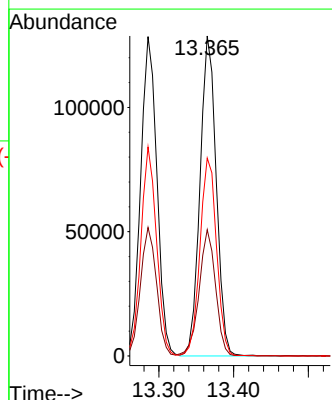
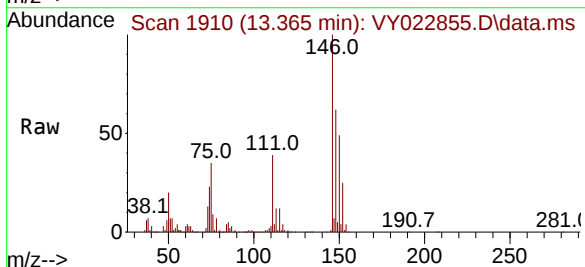
Tgt Ion:146 Resp: 193890

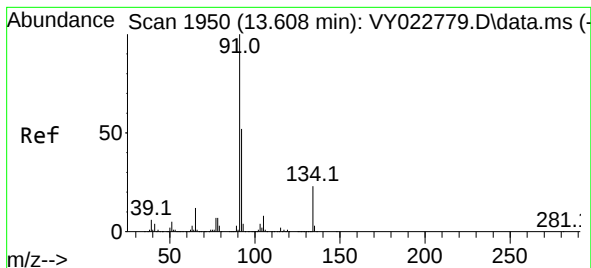
Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 20.912 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

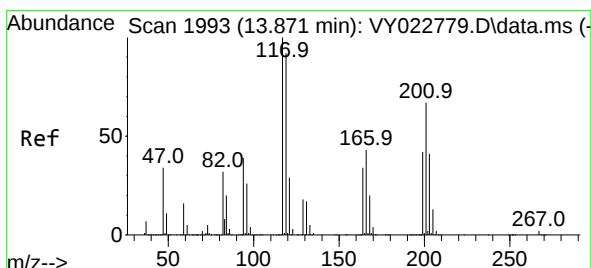
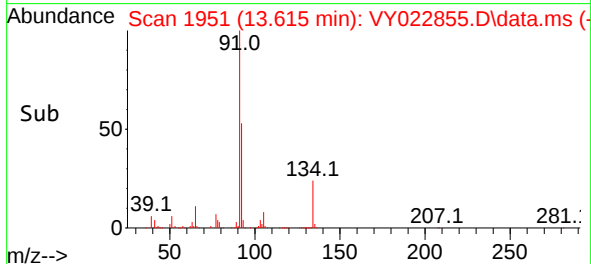
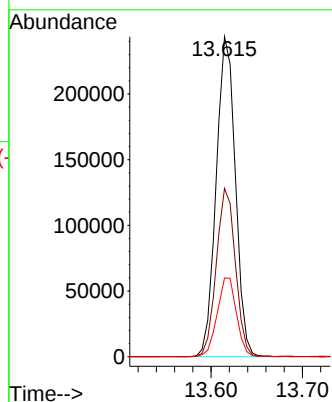
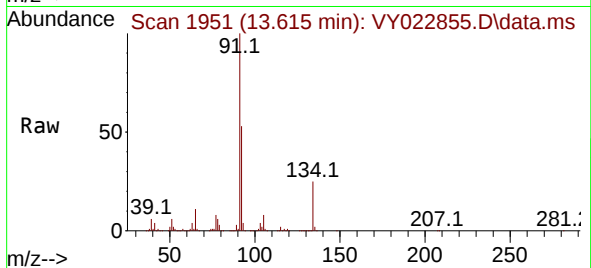
Tgt Ion: 91 Resp: 355371

Ion Ratio Lower Upper

91 100

92 52.4 25.9 77.8

134 24.8 12.0 36.1



#90

Hexachloroethane

Concen: 21.042 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022855.D

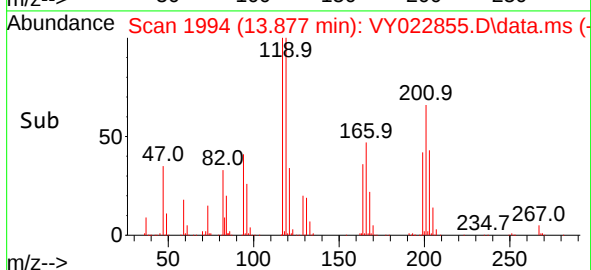
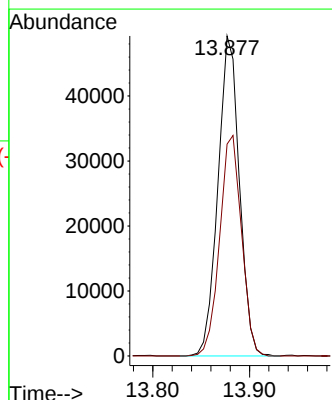
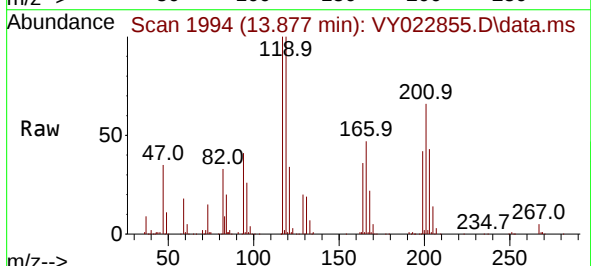
Acq: 27 Jun 2025 12:22

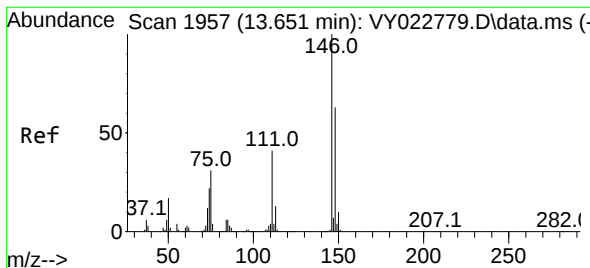
Tgt Ion: 117 Resp: 75714

Ion Ratio Lower Upper

117 100

201 70.4 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 20.387 ug/l

RT: 13.657 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

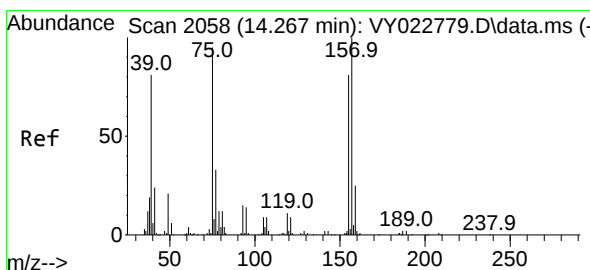
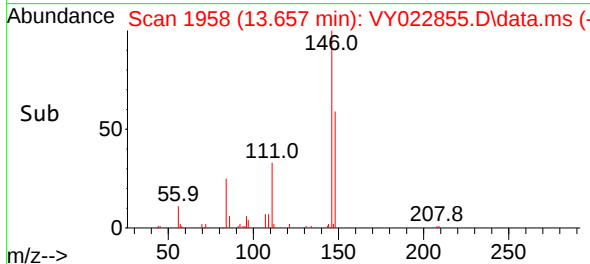
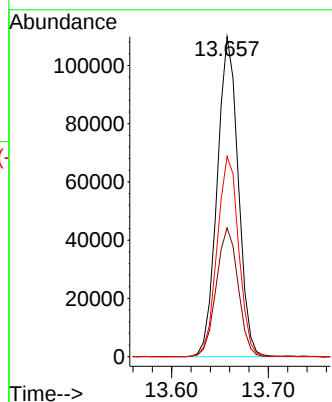
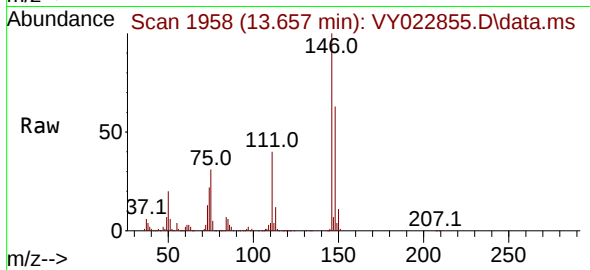
Tgt Ion:146 Resp: 165757

Ion Ratio Lower Upper

146 100

111 41.7 20.2 60.6

148 64.1 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.692 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

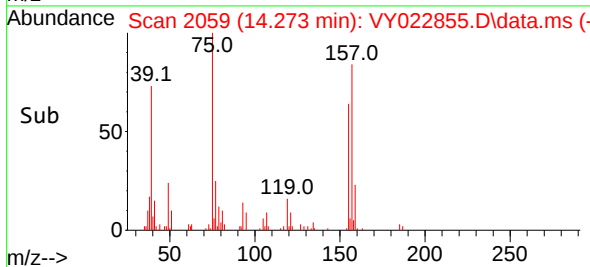
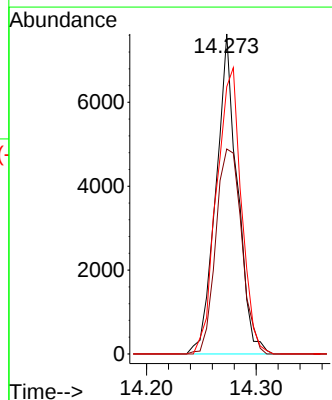
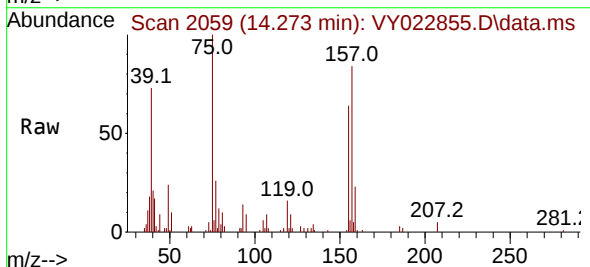
Tgt Ion: 75 Resp: 10354

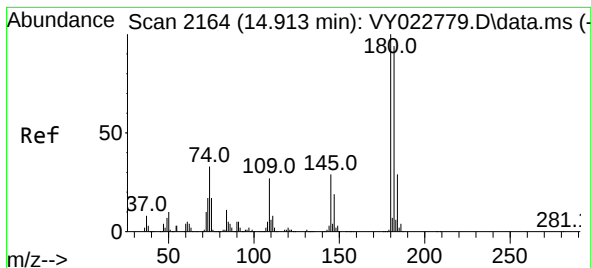
Ion Ratio Lower Upper

75 100

155 77.6 39.9 119.6

157 103.4 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.999 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBS01

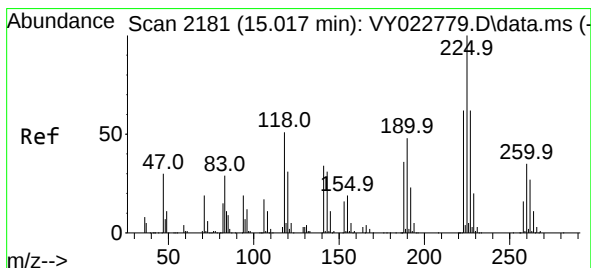
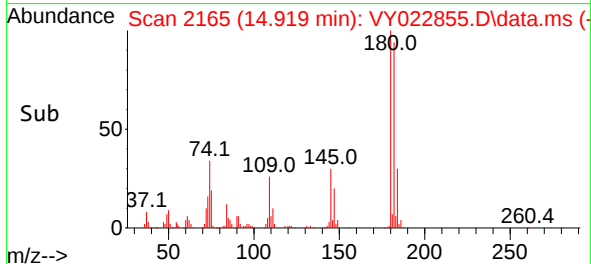
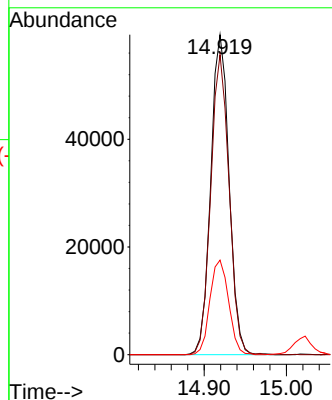
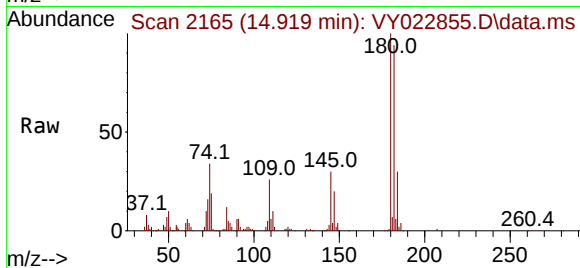
Tgt Ion:180 Resp: 91806

Ion Ratio Lower Upper

180 100

182 93.7 48.4 145.3

145 30.2 15.5 46.5



#94

Hexachlorobutadiene

Concen: 19.499 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

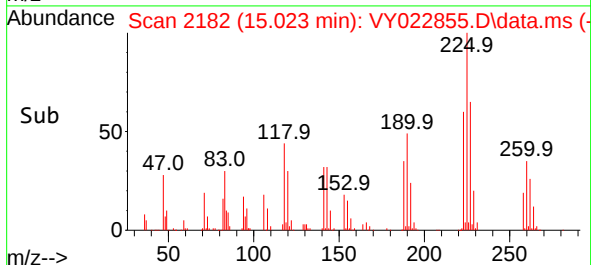
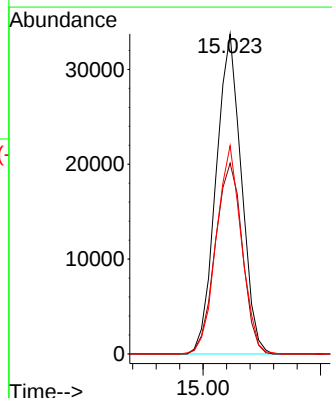
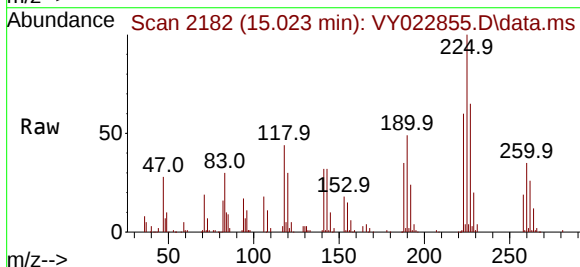
Tgt Ion:225 Resp: 50617

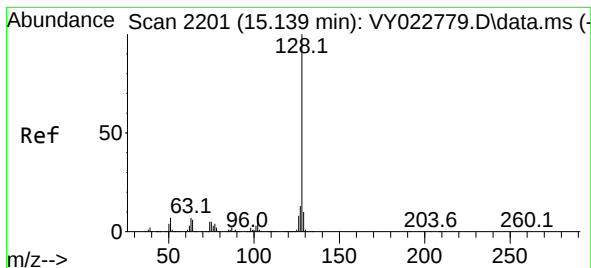
Ion Ratio Lower Upper

225 100

223 63.5 32.5 97.4

227 64.8 32.3 96.9





#95

Naphthalene

Concen: 18.874 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Instrument :

MSVOA\_Y

ClientSampleId :

VY0627SBSD01

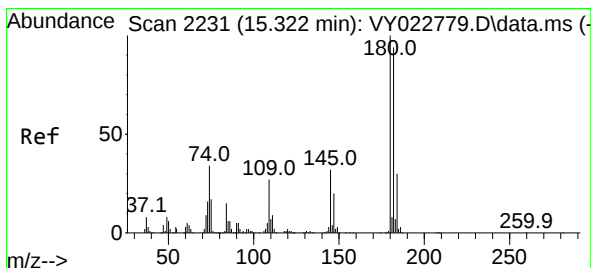
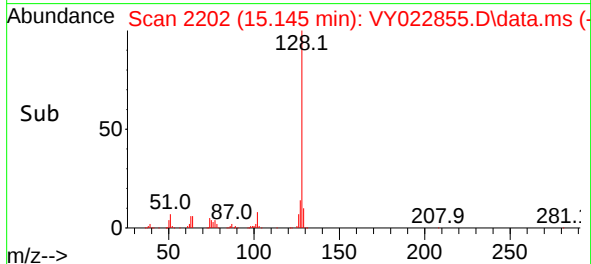
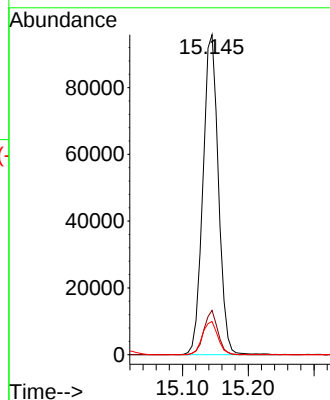
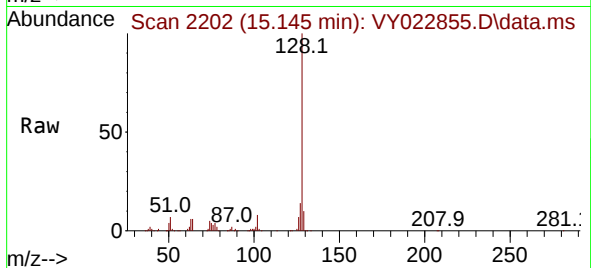
Tgt Ion:128 Resp: 156678

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

129 10.5 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 19.354 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022855.D

Acq: 27 Jun 2025 12:22

Tgt Ion:180 Resp: 76773

Ion Ratio Lower Upper

180 100

182 94.3 47.1 141.3

145 31.5 15.2 45.6

