

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY063025\  
 Data File : VY022874.D  
 Acq On : 30 Jun 2025 12:09  
 Operator : SY/MD  
 Sample : VY0630SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

Quant Time: Jul 01 03:35:03 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      | 7.707  | 168  | 473861   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 796065   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 673720   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.340 | 152  | 318118   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 246667   | 46.640   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 93.280% |
| 35) Dibromofluoromethane    | 7.634  | 113   | 232610   | 48.047   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 96.100% |
| 50) Toluene-d8              | 10.103 | 98    | 932142   | 48.522   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 97.040% |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 290126   | 46.979   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 93.960% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 81579  | 20.133  | ug/l   | 95  |
| 3) Chloromethane             | 2.068 | 50  | 168156 | 21.733  | ug/l   | 98  |
| 4) Vinyl Chloride            | 2.202 | 62  | 187583 | 19.405  | ug/l   | 100 |
| 5) Bromomethane              | 2.592 | 94  | 152651 | 20.087  | ug/l   | 98  |
| 6) Chloroethane              | 2.733 | 64  | 124906 | 19.223  | ug/l   | 97  |
| 7) Trichlorofluoromethane    | 3.050 | 101 | 199758 | 18.663  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.452 | 74  | 54671  | 20.680  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 101678 | 20.787  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.007 | 142 | 95282  | 17.891  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.866 | 59  | 28096  | 79.894  | ug/l # | 94  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 98700  | 20.578  | ug/l   | 96  |
| 13) Acrolein                 | 3.659 | 56  | 37048  | 77.691  | ug/l   | 100 |
| 14) Allyl chloride           | 4.385 | 41  | 153359 | 20.788  | ug/l   | 93  |
| 15) Acrylonitrile            | 5.055 | 53  | 101171 | 91.723  | ug/l   | 98  |
| 16) Acetone                  | 3.873 | 43  | 131012 | 131.062 | ug/l   | 97  |
| 17) Carbon Disulfide         | 4.104 | 76  | 314458 | 20.294  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.385 | 43  | 61372  | 18.539  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 245086 | 18.766  | ug/l   | 97  |
| 20) Methylene Chloride       | 4.616 | 84  | 137274 | 21.745  | ug/l   | 99  |
| 21) trans-1,2-Dichloroethene | 5.110 | 96  | 110712 | 20.197  | ug/l   | 99  |
| 22) Diisopropyl ether        | 6.019 | 45  | 335512 | 20.478  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.958 | 43  | 879611 | 97.210  | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 201549 | 20.366  | ug/l   | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 153773 | 105.696 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 173634 | 20.931  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 127099 | 19.953  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.244 | 49  | 81472  | 19.582  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 80642  | 87.781  | ug/l   | 98  |
| 30) Chloroform               | 7.421 | 83  | 202836 | 19.900  | ug/l   | 96  |
| 31) Cyclohexane              | 7.701 | 56  | 188855 | 20.790  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 177823 | 20.188  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 149601 | 20.387  | ug/l   | 100 |
| 37) Ethyl Acetate            | 6.982 | 43  | 59183  | 18.690  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 154719 | 19.982  | ug/l   | 99  |
| 39) Methylcyclohexane        | 9.109 | 83  | 199958 | 21.056  | ug/l   | 98  |
| 40) Benzene                  | 8.079 | 78  | 454171 | 20.130  | ug/l   | 99  |

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 Sample : VY0630SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

Quant Time: Jul 01 03:35:03 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         | 7.213  | 41   | 29927    | 15.352  | ug/l   | 94       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 120093   | 19.425  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 119771   | 18.199  | ug/l   | 97       |
| 44) Trichloroethene           | 8.866  | 130  | 111139   | 19.620  | ug/l   | 100      |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 106975   | 20.259  | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 56637    | 18.894  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.420  | 83   | 150271   | 19.441  | ug/l   | 95       |
| 48) Methyl methacrylate       | 9.219  | 41   | 59643    | 18.851  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 12154    | 343.190 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 303806   | 90.839  | ug/l   | 97       |
| 52) Toluene                   | 10.170 | 92   | 280772   | 19.726  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 130634   | 18.784  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 159876   | 19.826  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane     | 10.567 | 97   | 74323    | 19.148  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 91289    | 17.481  | ug/l   | 96       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 130214   | 19.228  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.707  | 63   | 234626   | 95.786  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.755 | 43   | 222895   | 98.027  | ug/l   | 97       |
| 60) Dibromochloromethane      | 10.908 | 129  | 93786    | 18.706  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 67569    | 18.603  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.646 | 164  | 116386   | 18.286  | ug/l   | 97       |
| 65) Chlorobenzene             | 11.438 | 112  | 294335   | 19.882  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.511 | 131  | 96547    | 19.255  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.518 | 91   | 523513   | 20.127  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.627 | 106  | 404642   | 40.245  | ug/l   | 99       |
| 69) o-Xylene                  | 11.950 | 106  | 187284   | 19.768  | ug/l   | 99       |
| 70) Styrene                   | 11.963 | 104  | 308353   | 19.431  | ug/l   | 100      |
| 71) Bromoform                 | 12.127 | 173  | 50967    | 18.255  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.249 | 105  | 496473   | 21.102  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.066 | 43   | 97501    | 18.463  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 77986    | 20.567  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 105507   | 32.487  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 105166   | 19.721  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.591 | 91   | 607697   | 21.394  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 337030   | 21.001  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.731 | 105  | 398274   | 20.970  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.298 | 75   | 24930    | 19.393  | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 346461   | 20.553  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.993 | 119  | 353292   | 21.092  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.036 | 105  | 396586   | 20.856  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.170 | 105  | 544778   | 21.617  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.286 | 119  | 443417   | 21.143  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 217638   | 20.321  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 213622   | 20.080  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.615 | 91   | 421238   | 21.353  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 89754    | 21.488  | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 184038   | 19.499  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.267 | 75   | 11596    | 18.034  | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 14.913 | 180  | 104685   | 19.645  | ug/l   | 97       |
| 94) Hexachlorobutadiene       | 15.017 | 225  | 61502    | 20.410  | ug/l   | 99       |
| 95) Naphthalene               | 15.139 | 128  | 164827   | 17.104  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.322 | 180  | 87329    | 18.965  | ug/l   | 98       |

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Sample : VY0630SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

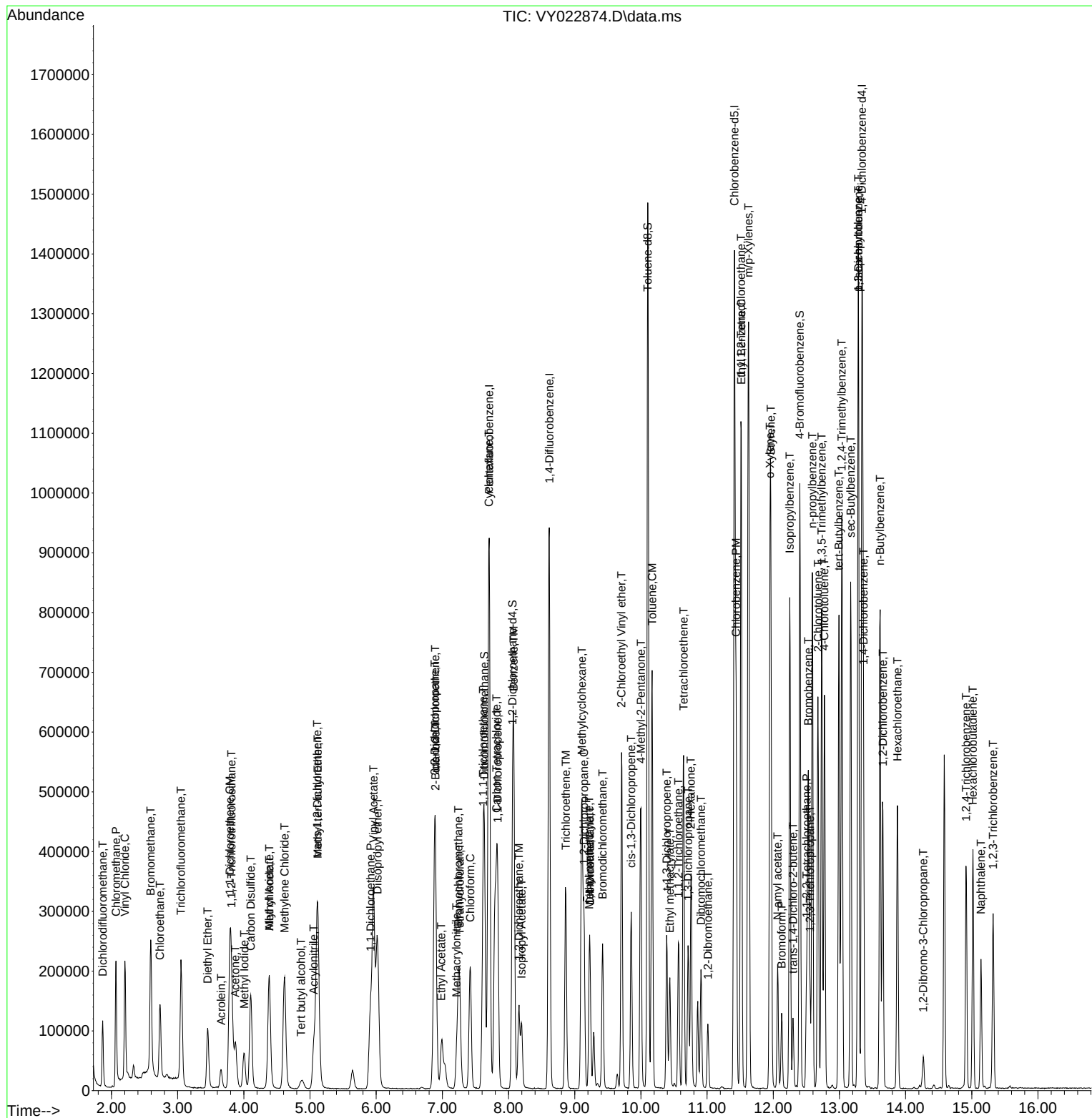
Quant Time: Jul 01 03:35:03 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

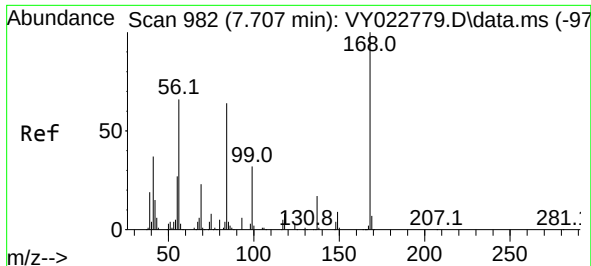
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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MSVOA\_Y  
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QLast Update : Tue Jun 24 08:29:52 2025  
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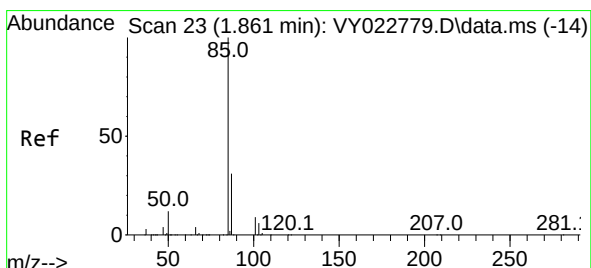
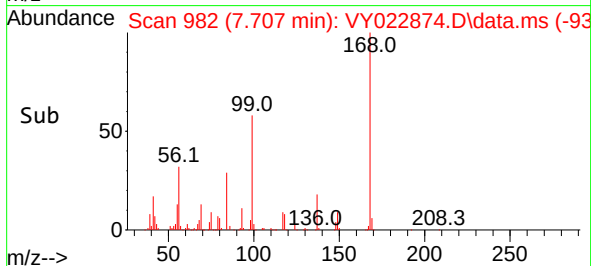
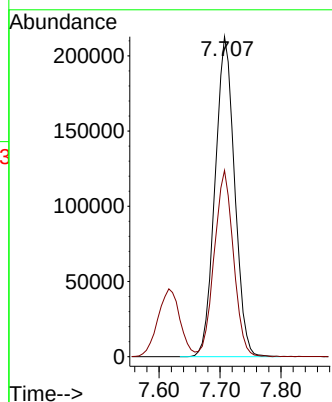
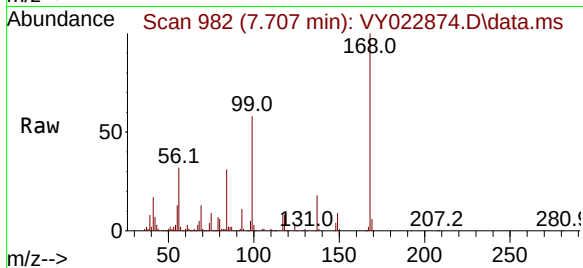




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

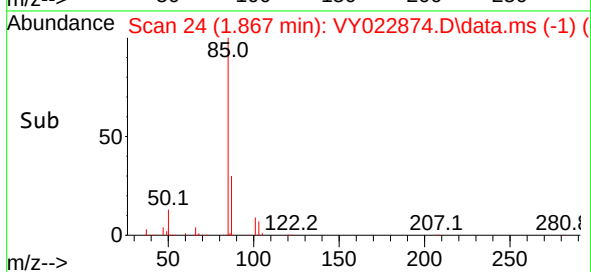
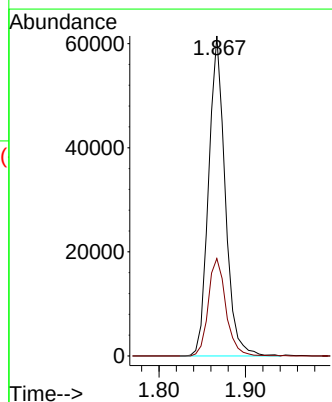
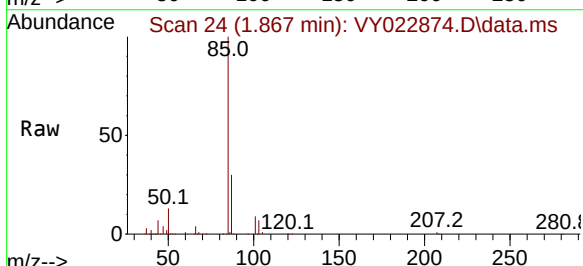
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

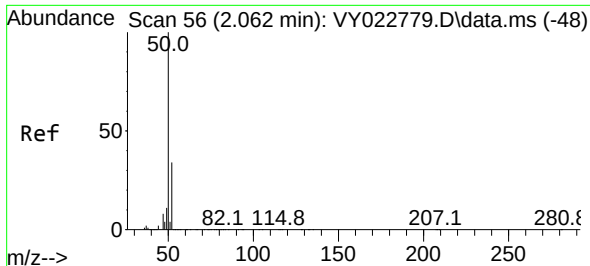
Tgt Ion:168 Resp: 473861  
Ion Ratio Lower Upper  
168 100  
99 58.1 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 20.133 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 85 Resp: 81579  
Ion Ratio Lower Upper  
85 100  
87 30.5 16.7 50.0

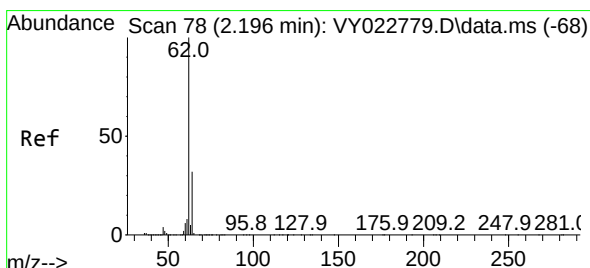
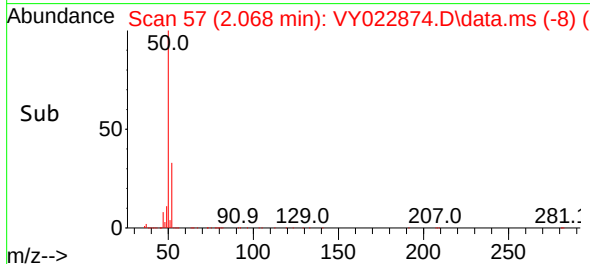
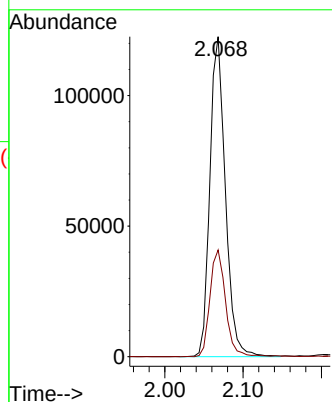
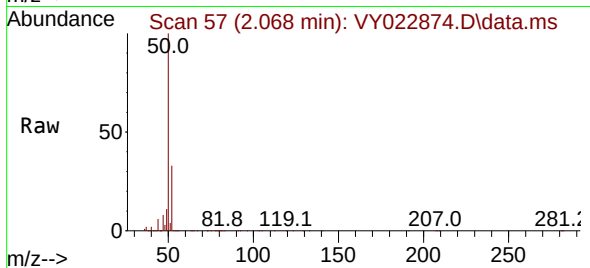




#3  
Chloromethane  
Concen: 21.733 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

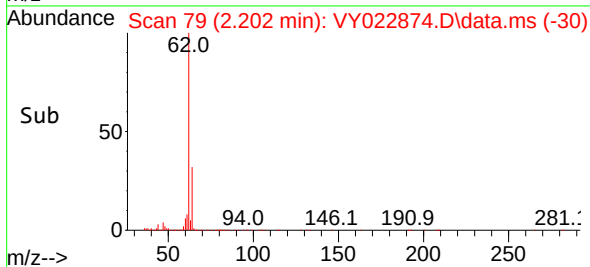
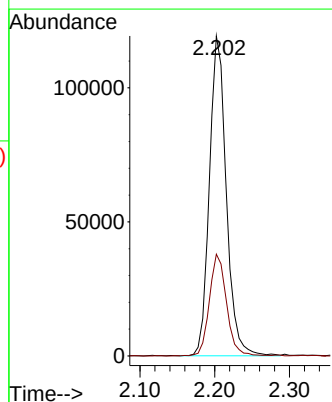
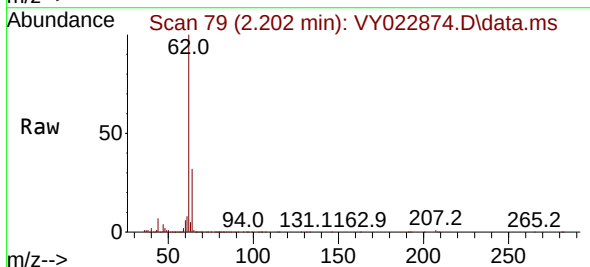
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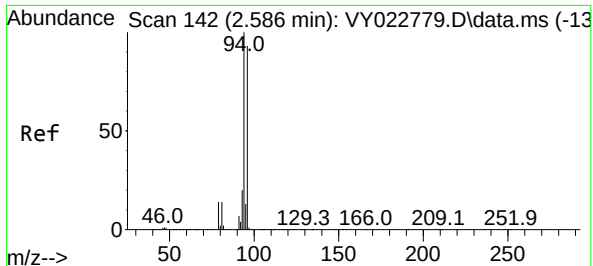
Tgt Ion: 50 Resp: 168156  
Ion Ratio Lower Upper  
50 100  
52 33.4 26.0 39.0



#4  
Vinyl Chloride  
Concen: 19.405 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
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Tgt Ion: 62 Resp: 187583  
Ion Ratio Lower Upper  
62 100  
64 31.8 25.3 37.9

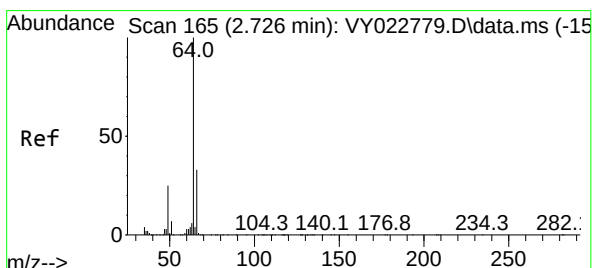
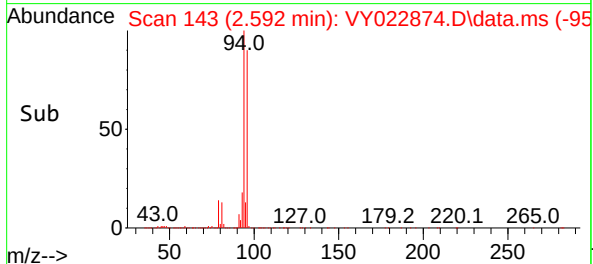
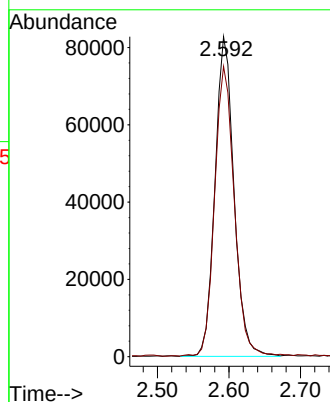
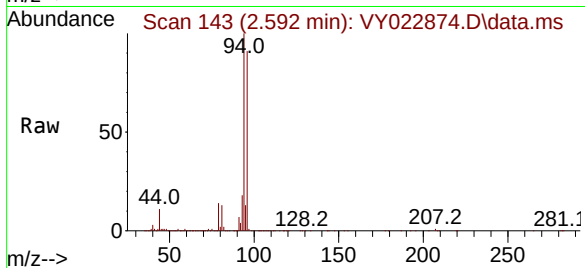




#5  
Bromomethane  
Concen: 20.087 ug/l  
RT: 2.592 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

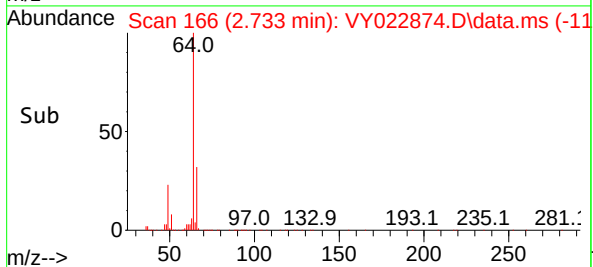
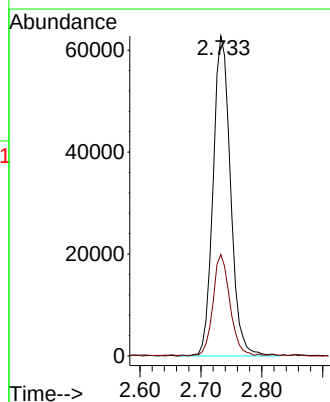
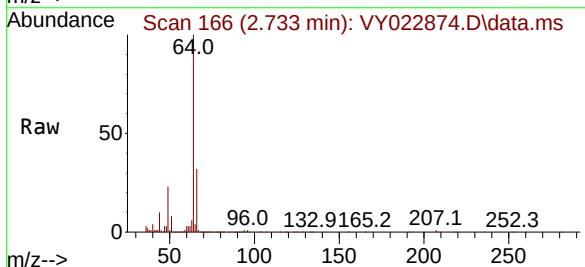
Instrument :  
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ClientSampleId :  
VY0630SBS01

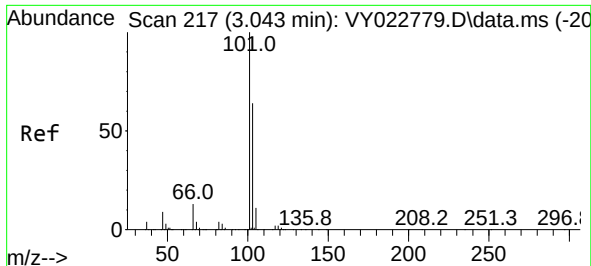
Tgt Ion: 94 Resp: 152651  
Ion Ratio Lower Upper  
94 100  
96 90.6 74.0 111.0



#6  
Chloroethane  
Concen: 19.223 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 64 Resp: 124906  
Ion Ratio Lower Upper  
64 100  
66 31.5 23.8 35.6

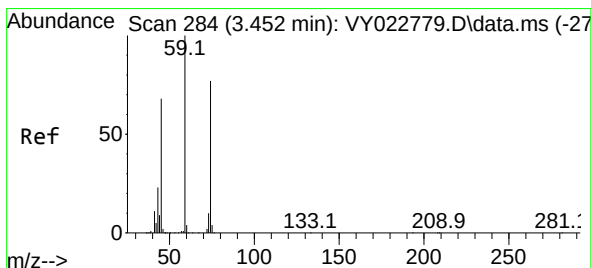
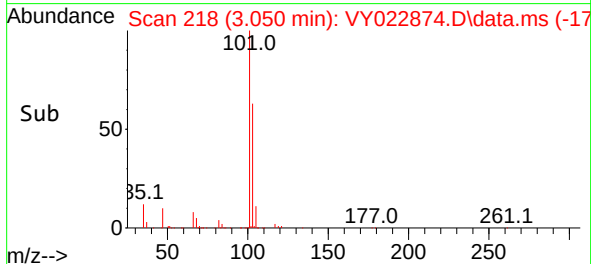
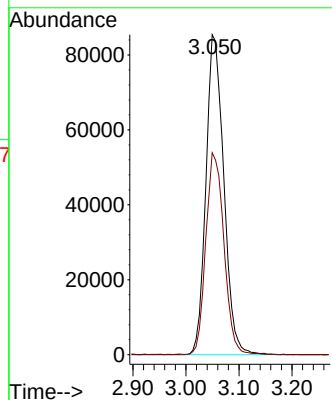
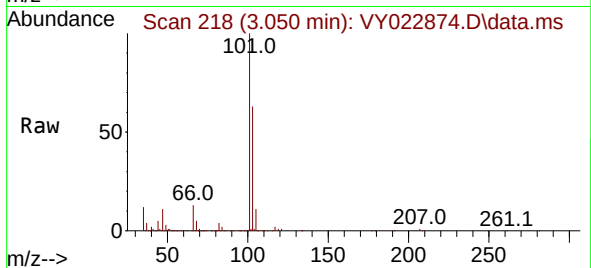




#7  
Trichlorofluoromethane  
Concen: 18.663 ug/l  
RT: 3.050 min Scan# 217  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

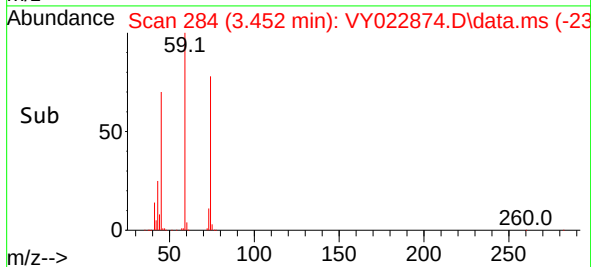
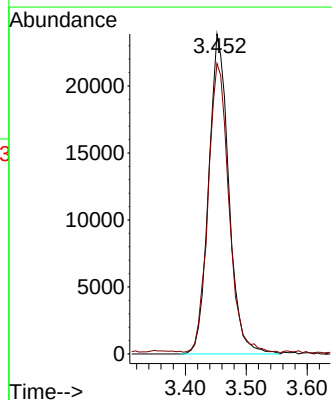
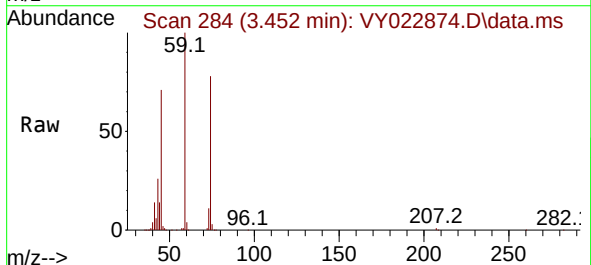
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

Tgt Ion:101 Resp: 199758  
Ion Ratio Lower Upper  
101 100  
103 63.1 52.2 78.2

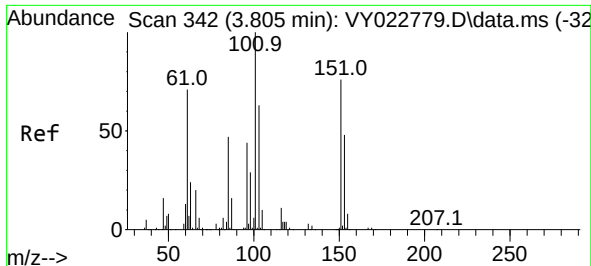


#8  
Diethyl Ether  
Concen: 20.680 ug/l  
RT: 3.452 min Scan# 284  
Delta R.T. -0.012 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 74 Resp: 54671  
Ion Ratio Lower Upper  
74 100  
45 93.6 45.9 137.6



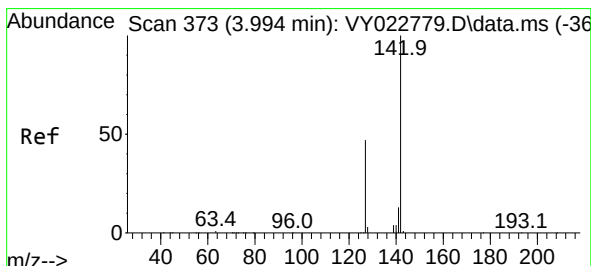
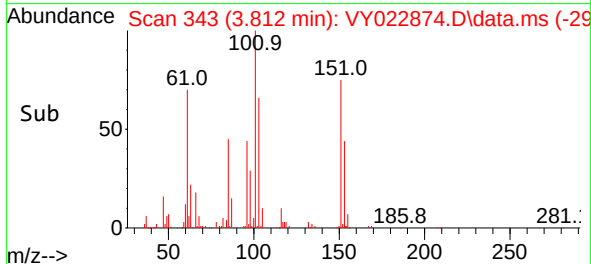
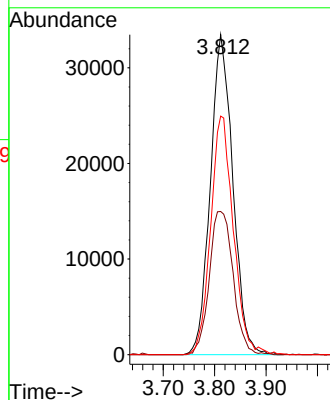
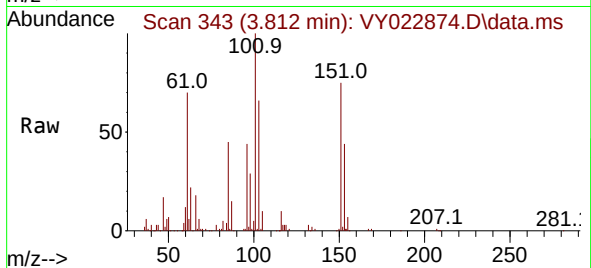




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 20.787 ug/l  
RT: 3.812 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

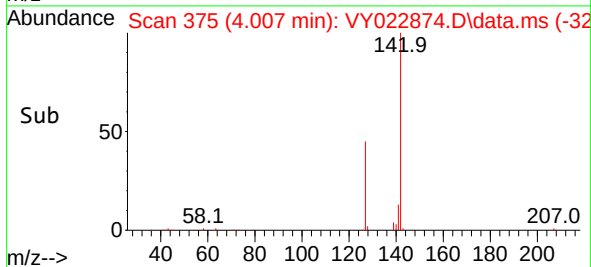
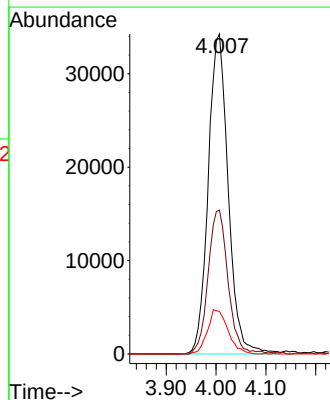
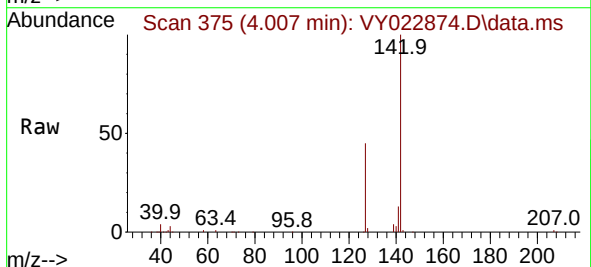
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

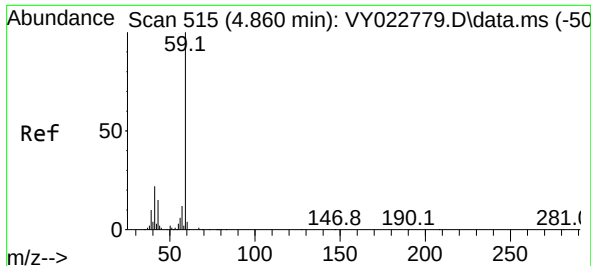
Tgt Ion:101 Resp: 101678  
Ion Ratio Lower Upper  
101 100  
85 47.5 39.3 58.9  
151 75.5 57.8 86.8



#10  
Methyl Iodide  
Concen: 17.891 ug/l  
RT: 4.007 min Scan# 375  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion:142 Resp: 95282  
Ion Ratio Lower Upper  
142 100  
127 45.0 37.1 55.7  
141 14.2 11.4 17.2

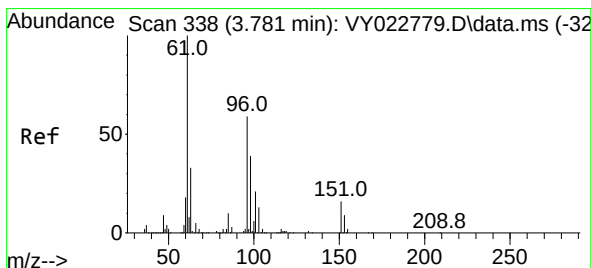
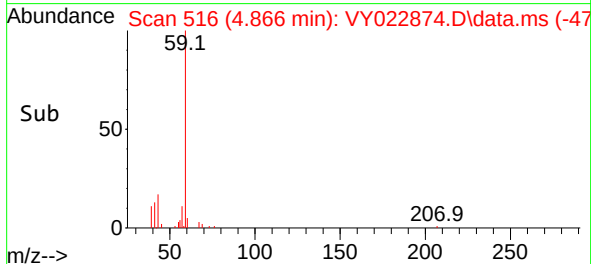
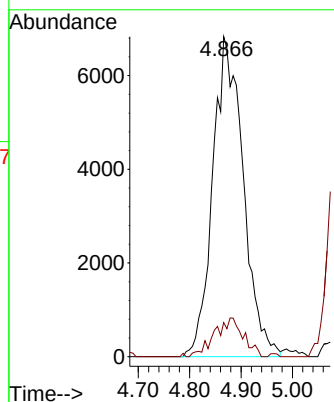
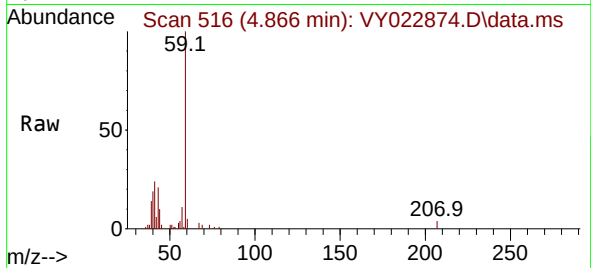




#11  
Tert butyl alcohol  
Concen: 79.894 ug/l  
RT: 4.866 min Scan# 515  
Delta R.T. -0.018 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

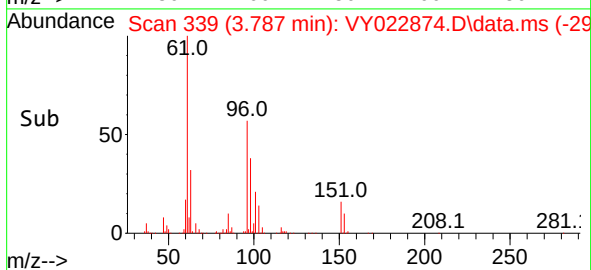
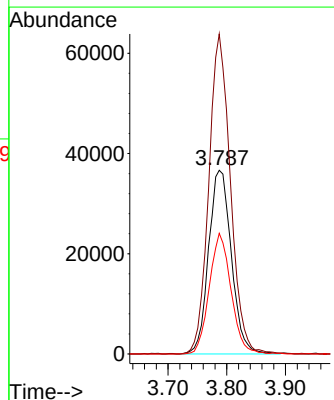
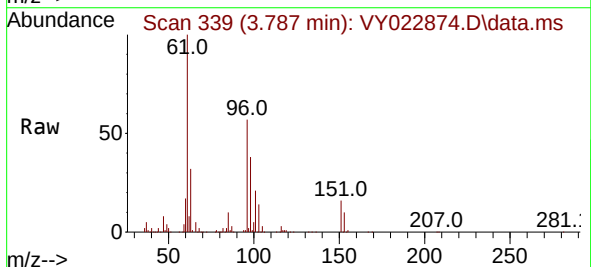
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

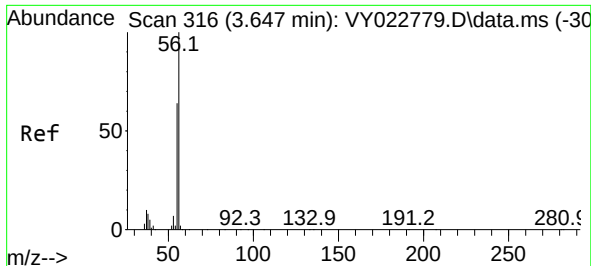
Tgt Ion: 59 Resp: 28096  
Ion Ratio Lower Upper  
59 100  
57 7.6 8.0 12.0#



#12  
1,1-Dichloroethene  
Concen: 20.578 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 96 Resp: 98700  
Ion Ratio Lower Upper  
96 100  
61 174.2 134.6 201.8  
98 65.7 50.2 75.4

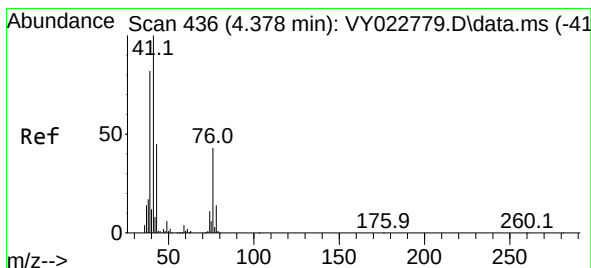
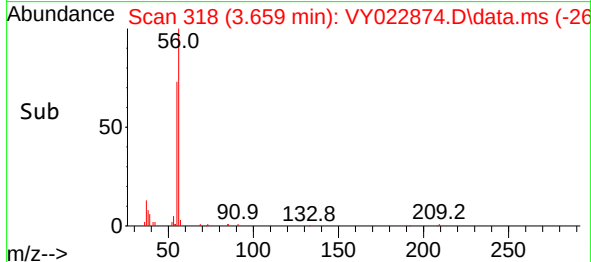
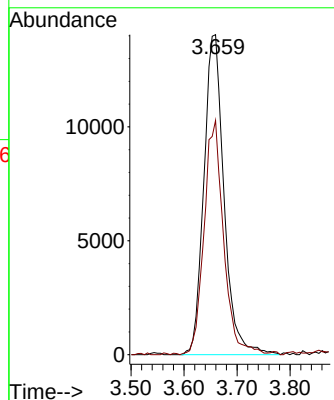
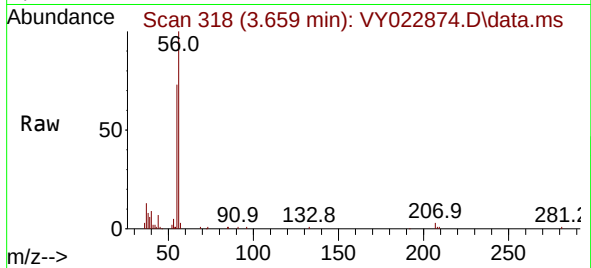




#13  
Acrolein  
Concen: 77.691 ug/l  
RT: 3.659 min Scan# 316  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

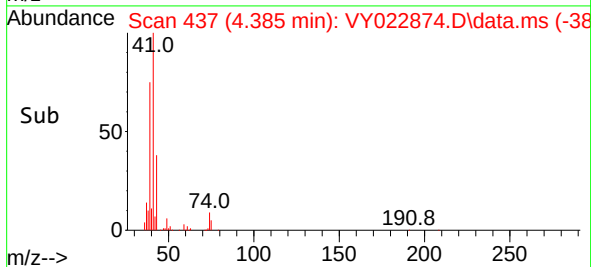
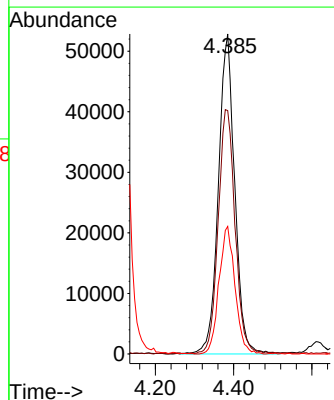
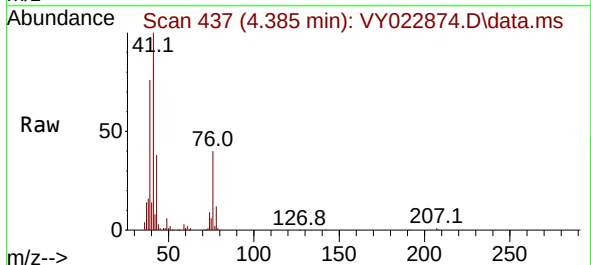
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

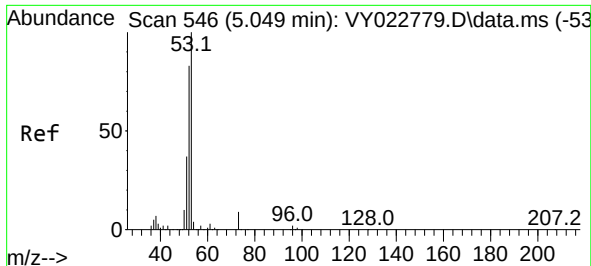
Tgt Ion: 56 Resp: 37048  
Ion Ratio Lower Upper  
56 100  
55 71.0 57.0 85.6



#14  
Allyl chloride  
Concen: 20.788 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 41 Resp: 153359  
Ion Ratio Lower Upper  
41 100  
39 78.8 69.1 103.7  
76 39.1 33.5 50.3

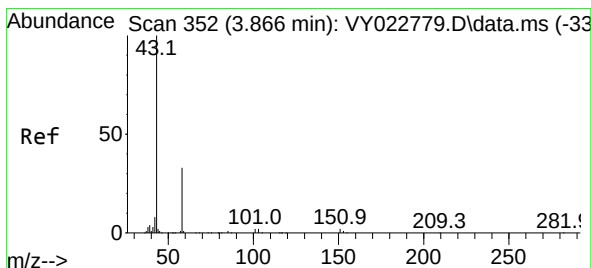
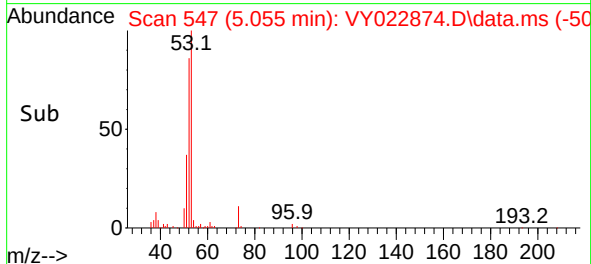
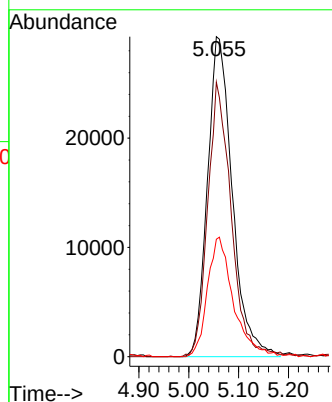
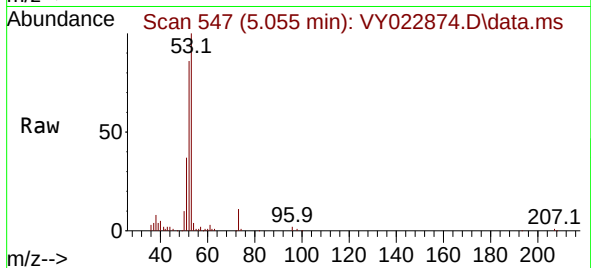




#15  
Acrylonitrile  
Concen: 91.723 ug/l  
RT: 5.055 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

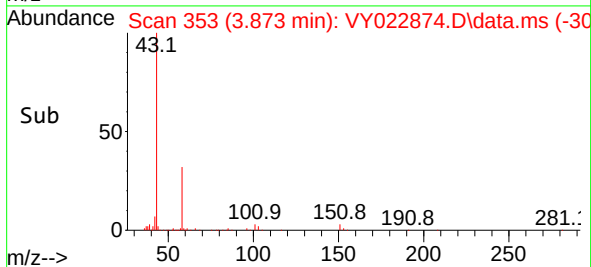
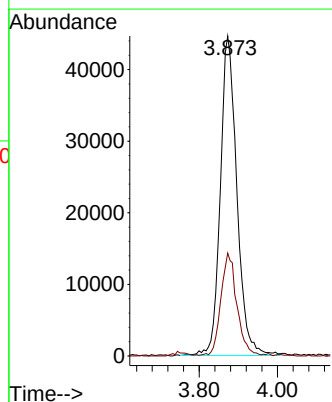
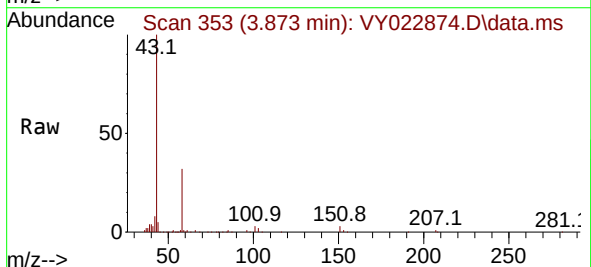
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

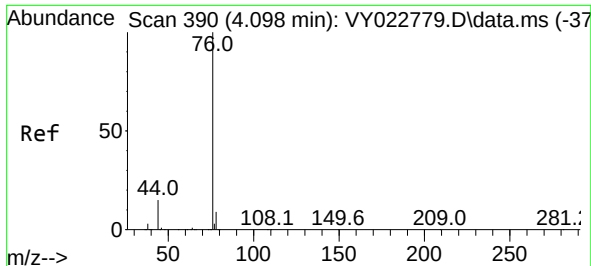
Tgt Ion: 53 Resp: 101171  
Ion Ratio Lower Upper  
53 100  
52 81.0 65.7 98.5  
51 39.0 30.1 45.1



#16  
Acetone  
Concen: 131.062 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 43 Resp: 131012  
Ion Ratio Lower Upper  
43 100  
58 31.7 24.0 36.0

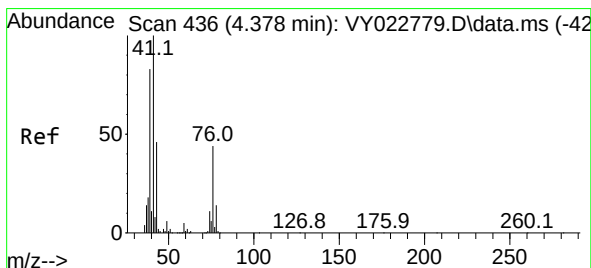
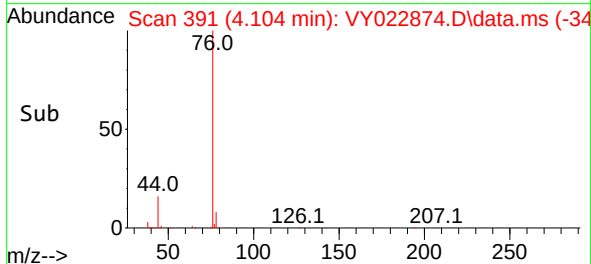
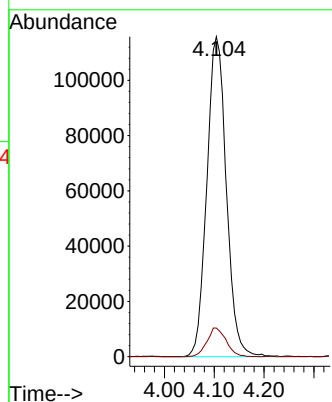
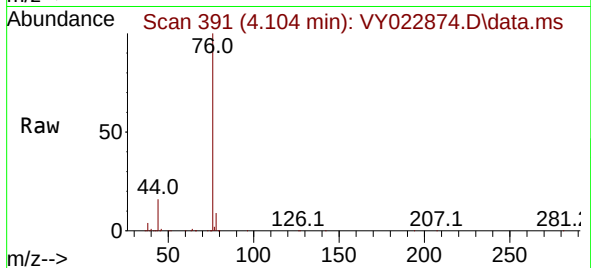




#17  
Carbon Disulfide  
Concen: 20.294 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

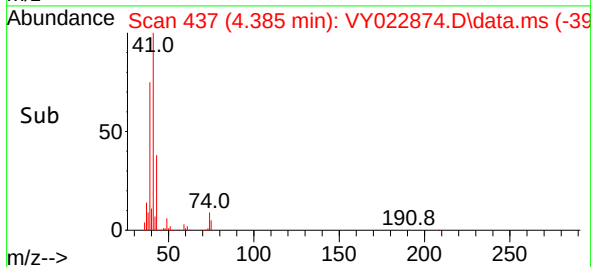
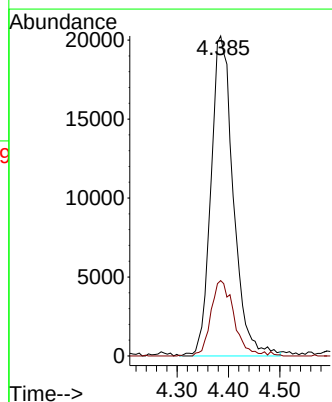
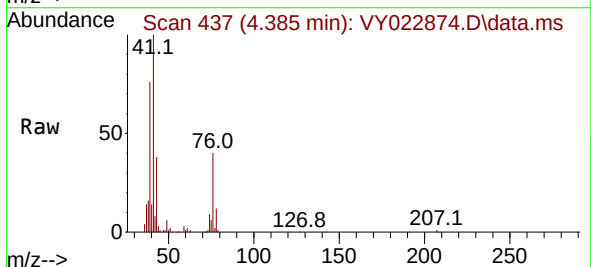
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

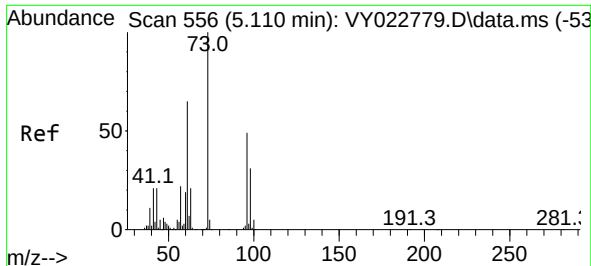
Tgt Ion: 76 Resp: 314458  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.4 11.2



#18  
Methyl Acetate  
Concen: 18.539 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 43 Resp: 61372  
Ion Ratio Lower Upper  
43 100  
74 23.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 18.766 ug/l

RT: 5.116 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

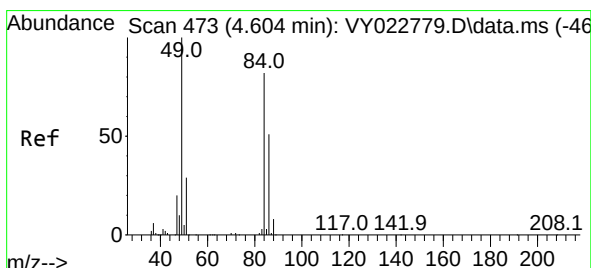
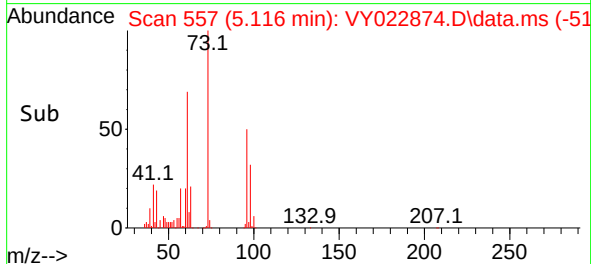
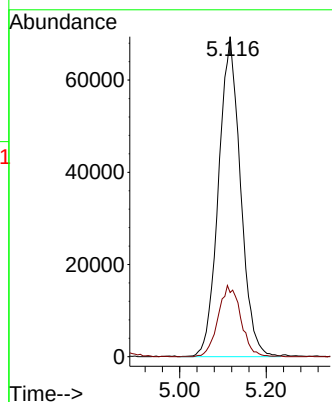
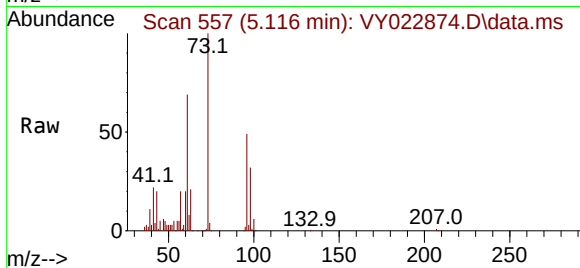
VY0630SBS01

Tgt Ion: 73 Resp: 245086

Ion Ratio Lower Upper

73 100

57 20.1 17.4 26.0



#20

Methylene Chloride

Concen: 21.745 ug/l

RT: 4.616 min Scan# 475

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Tgt Ion: 84 Resp: 137274

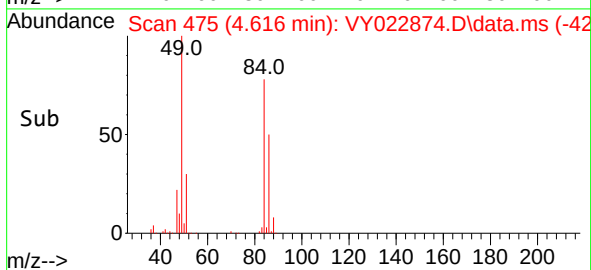
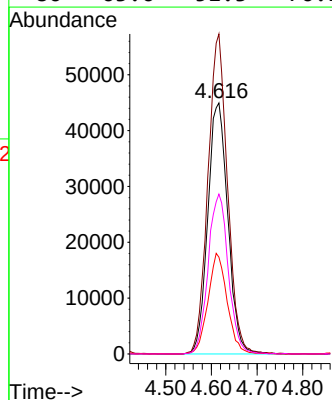
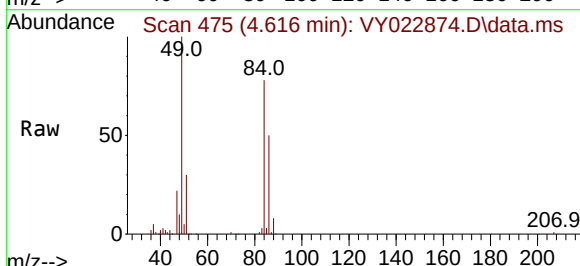
Ion Ratio Lower Upper

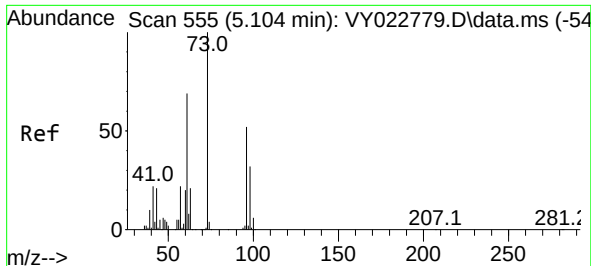
84 100

49 127.4 101.9 152.9

51 38.6 29.8 44.8

86 63.6 51.3 76.9

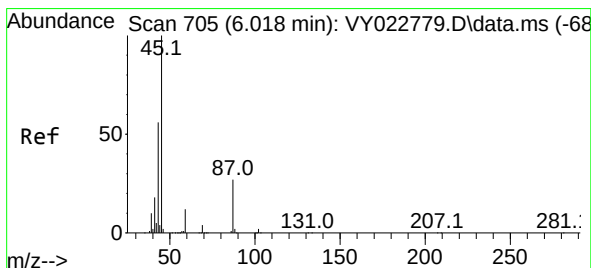
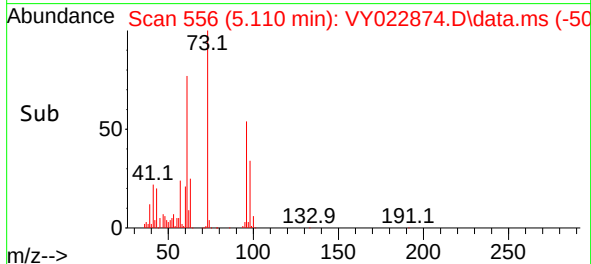
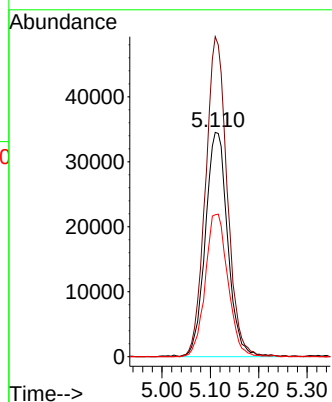
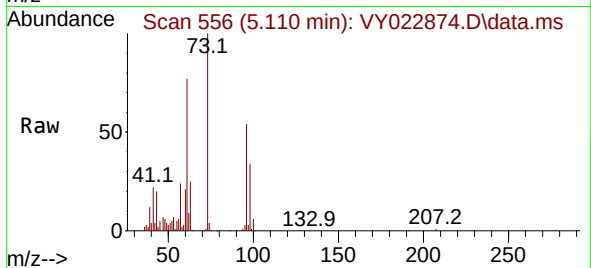




#21  
trans-1,2-Dichloroethene  
Concen: 20.197 ug/l  
RT: 5.110 min Scan# 5110  
Delta R.T. -0.012 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

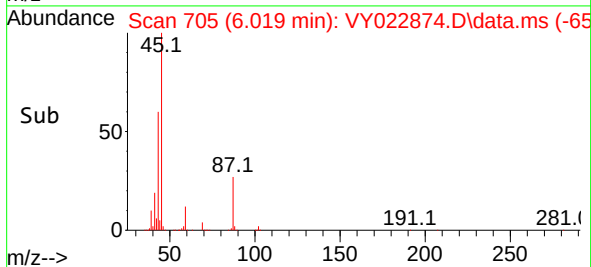
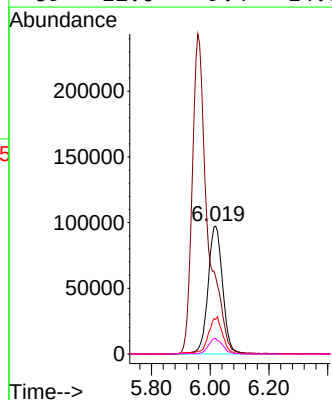
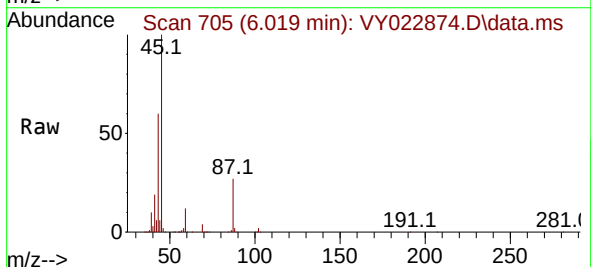
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

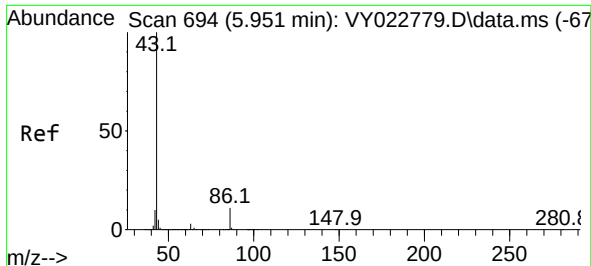
Tgt Ion: 96 Resp: 110712  
Ion Ratio Lower Upper  
96 100  
61 142.4 112.6 169.0  
98 63.3 50.6 75.8



#22  
Diisopropyl ether  
Concen: 20.478 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 45 Resp: 335512  
Ion Ratio Lower Upper  
45 100  
43 59.8 48.3 72.5  
87 27.1 23.0 34.6  
59 12.0 9.4 14.0

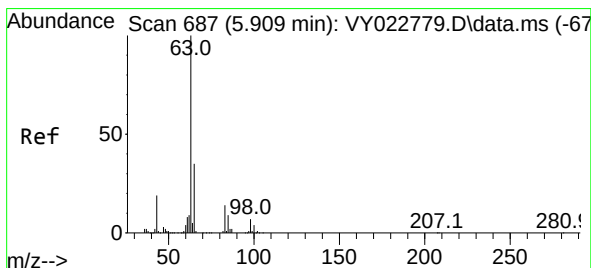
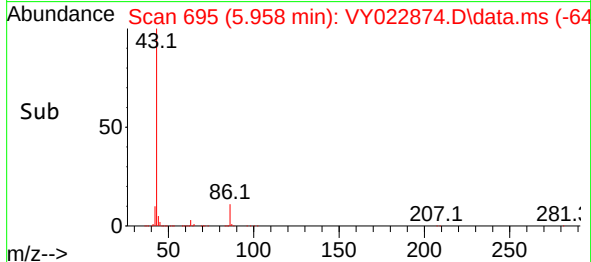
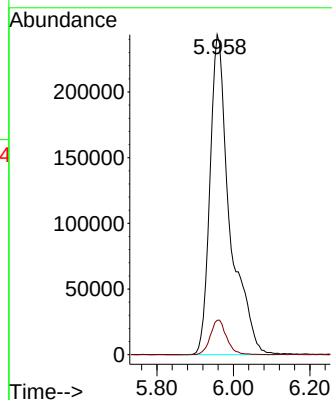
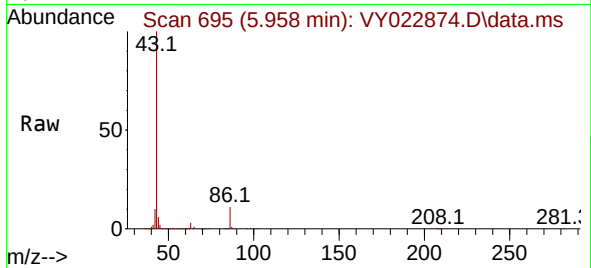




#23  
 Vinyl Acetate  
 Concen: 97.210 ug/l  
 RT: 5.958 min Scan# 694  
 Delta R.T. -0.012 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

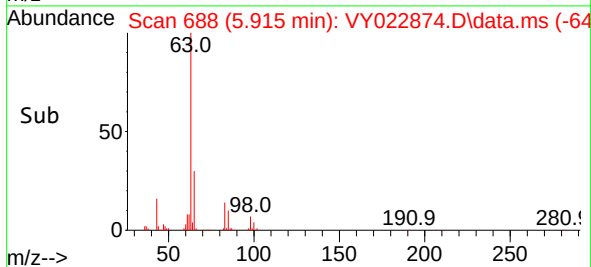
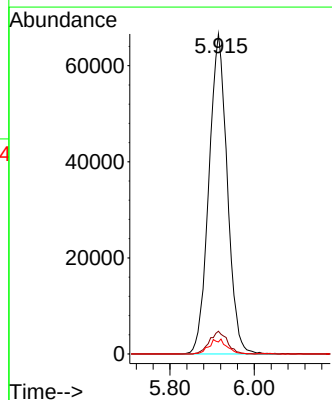
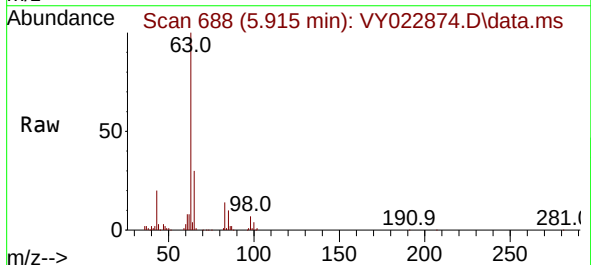
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

Tgt Ion: 43 Resp: 879611  
 Ion Ratio Lower Upper  
 43 100  
 86 10.8 8.6 12.8

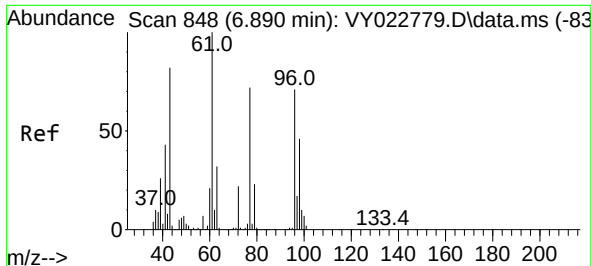


#24  
 1,1-Dichloroethane  
 Concen: 20.366 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.006 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

Tgt Ion: 63 Resp: 201549  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.4 10.1  
 100 3.7 2.1 6.3



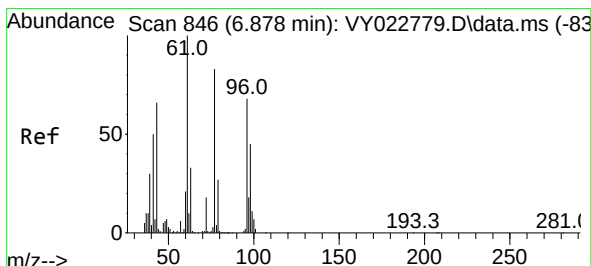
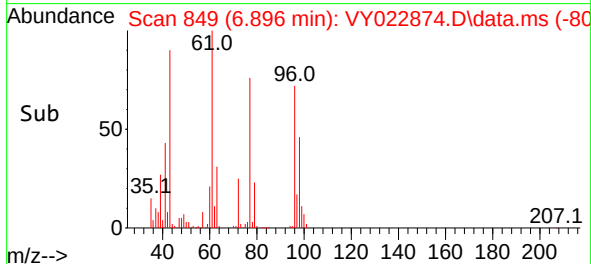
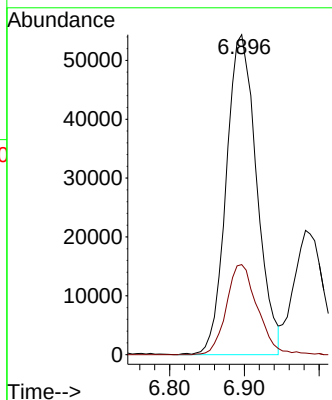
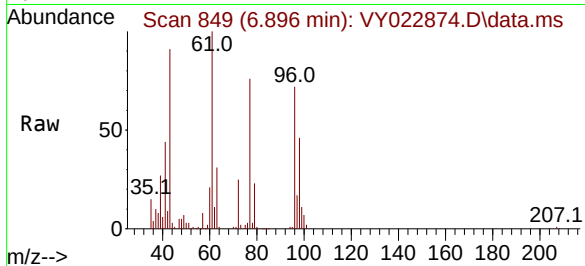




#25  
2-Butanone  
Concen: 105.696 ug/l  
RT: 6.896 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

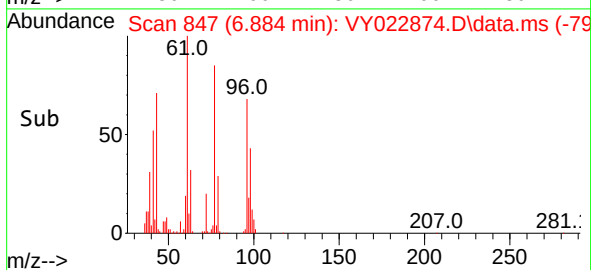
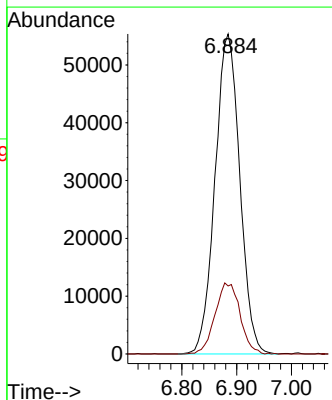
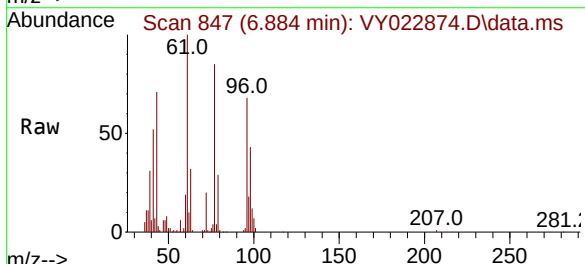
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

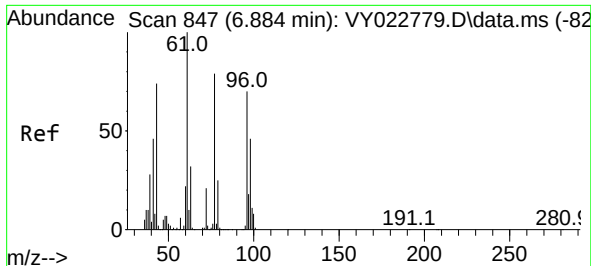
Tgt Ion: 43 Resp: 153773  
Ion Ratio Lower Upper  
43 100  
72 28.1 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 20.931 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 77 Resp: 173634  
Ion Ratio Lower Upper  
77 100  
97 22.4 11.4 34.2



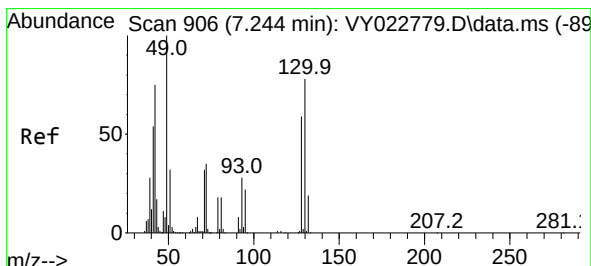
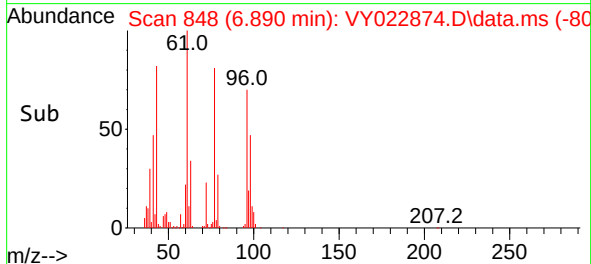
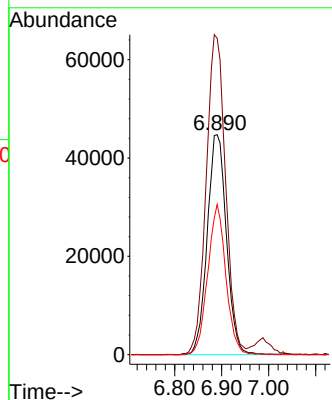
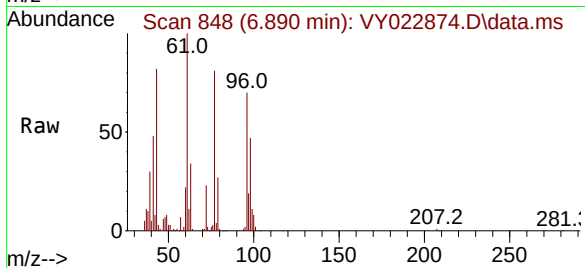


#27  
 cis-1,2-Dichloroethene  
 Concen: 19.953 ug/l  
 RT: 6.890 min Scan# 847  
 Delta R.T. -0.006 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

Tgt Ion: 96 Resp: 127099  

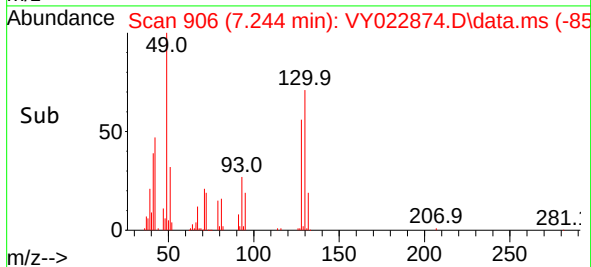
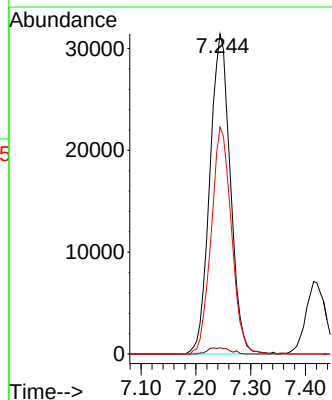
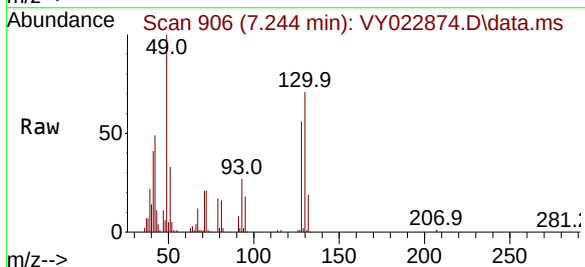
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 146.3 | 0.0   | 290.0 |
| 98  | 64.4  | 0.0   | 128.4 |

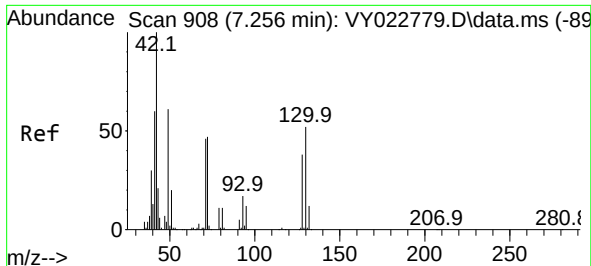


#28  
 Bromochloromethane  
 Concen: 19.582 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.006 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

Tgt Ion: 49 Resp: 81472  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 49  | 100   |       |       |
| 129 | 2.1   | 0.0   | 3.6   |
| 130 | 70.1  | 55.7  | 83.5  |

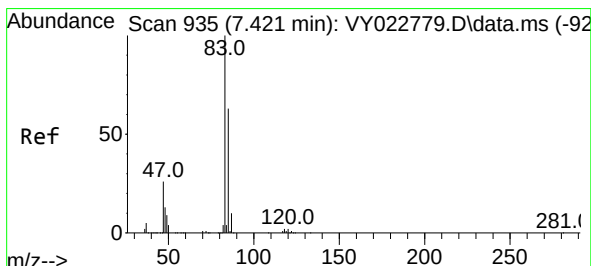
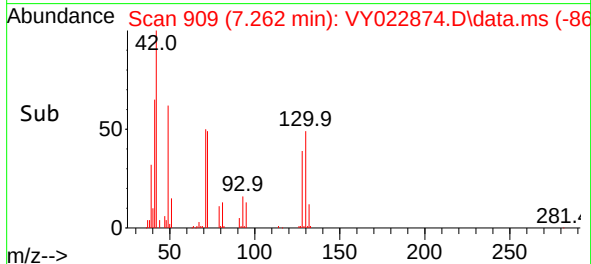
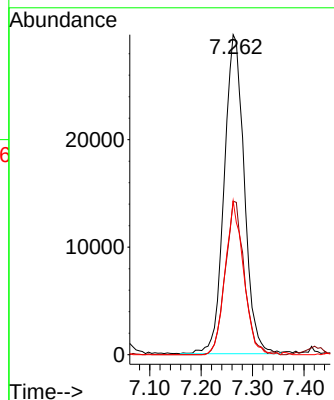
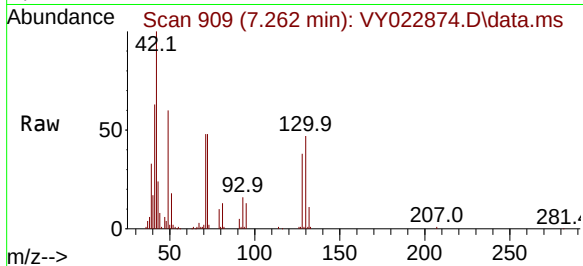




#29  
Tetrahydrofuran  
Concen: 87.781 ug/l  
RT: 7.262 min Scan# 908  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

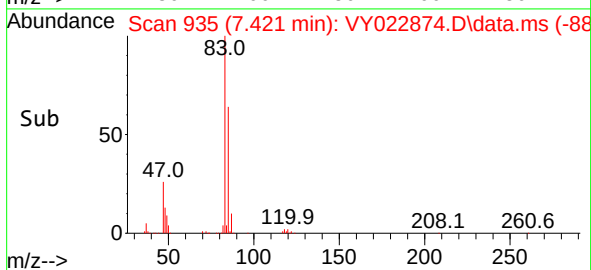
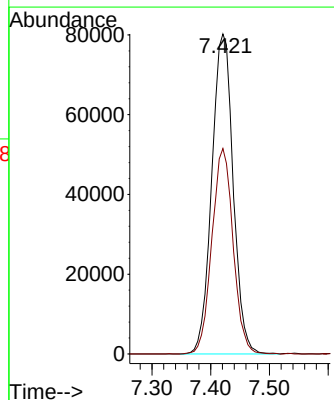
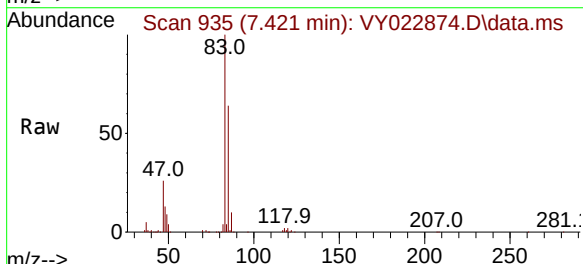
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

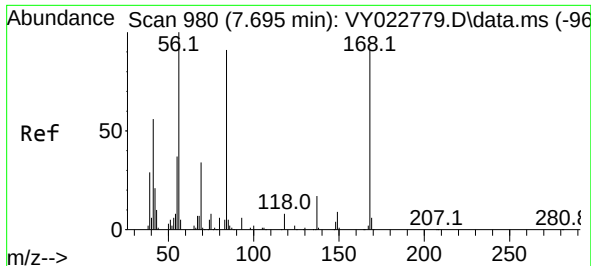
Tgt Ion: 42 Resp: 80642  
Ion Ratio Lower Upper  
42 100  
72 45.8 37.4 56.2  
71 44.2 34.2 51.2



#30  
Chloroform  
Concen: 19.900 ug/l  
RT: 7.421 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 83 Resp: 202836  
Ion Ratio Lower Upper  
83 100  
85 64.2 54.2 81.4

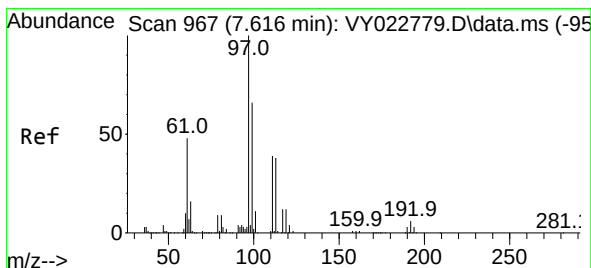
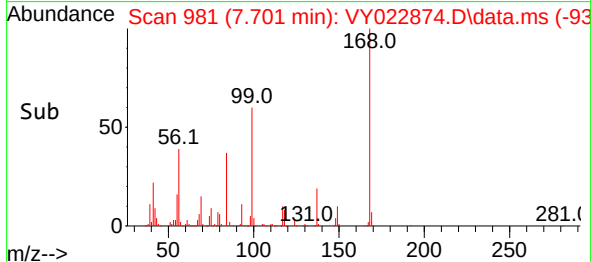
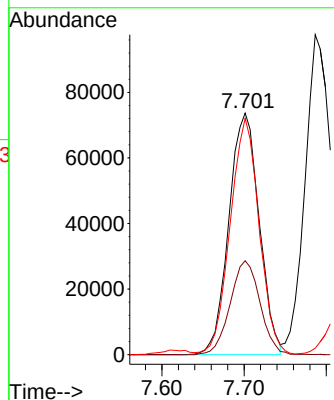
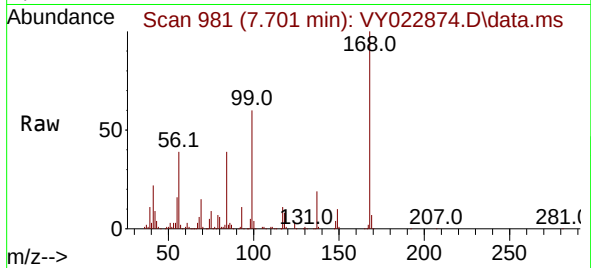




#31  
Cyclohexane  
Concen: 20.790 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

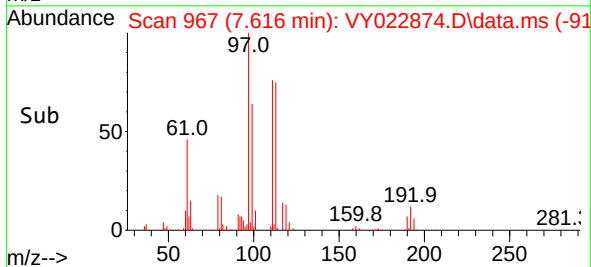
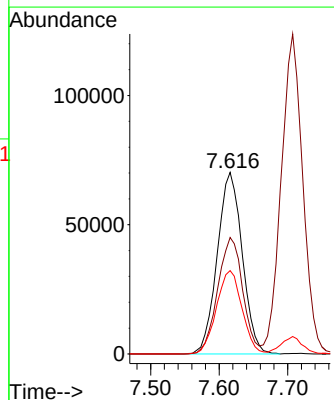
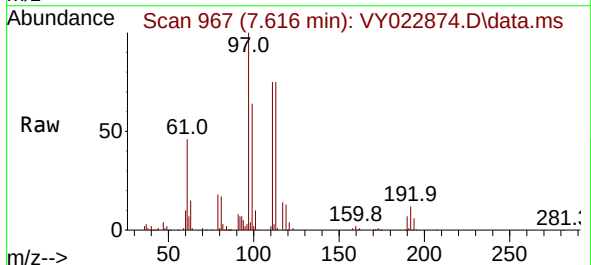
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

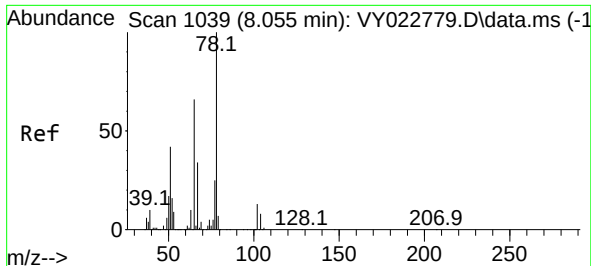
Tgt Ion: 56 Resp: 188855  
Ion Ratio Lower Upper  
56 100  
69 38.9 27.0 40.6  
84 96.3 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 20.188 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 97 Resp: 177823  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.9 76.3  
61 46.8 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 46.640 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

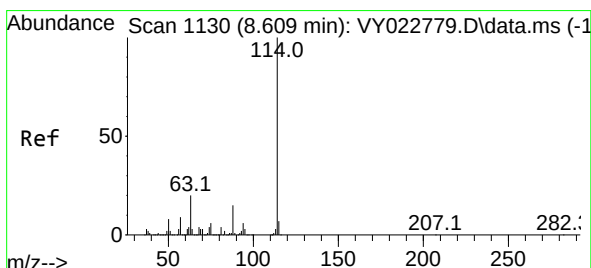
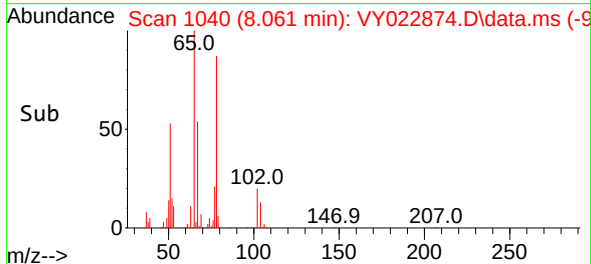
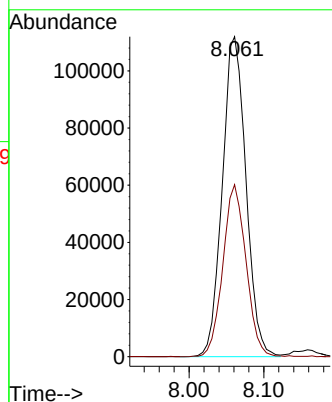
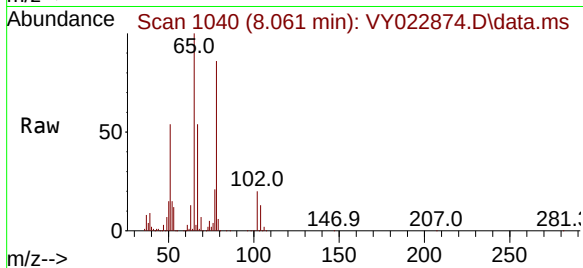
VY0630SBS01

Tgt Ion: 65 Resp: 246667

Ion Ratio Lower Upper

65 100

67 52.5 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: VY022874.D

Acq: 30 Jun 2025 12:09

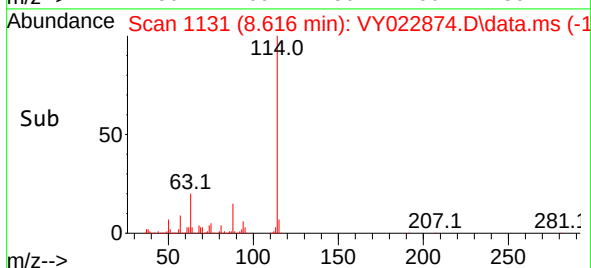
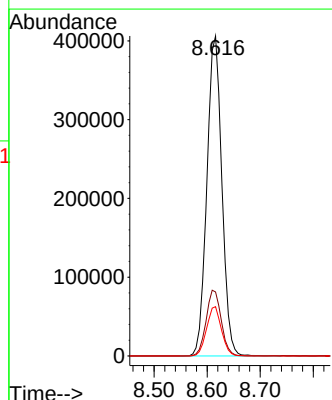
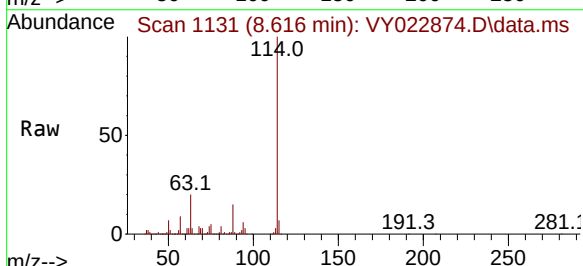
Tgt Ion:114 Resp: 796065

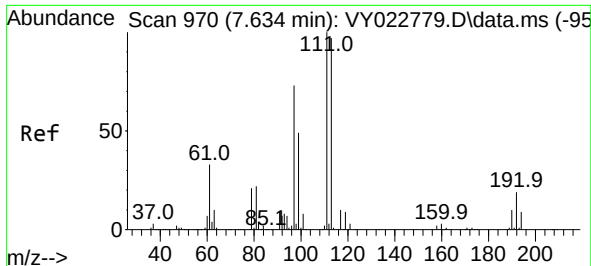
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.4 0.0 27.8

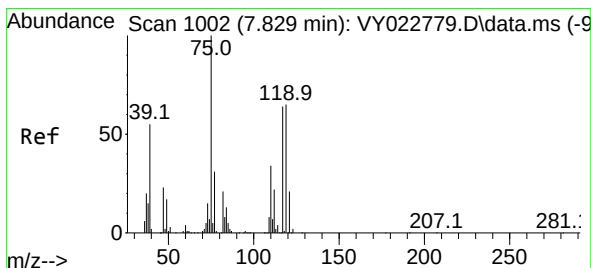
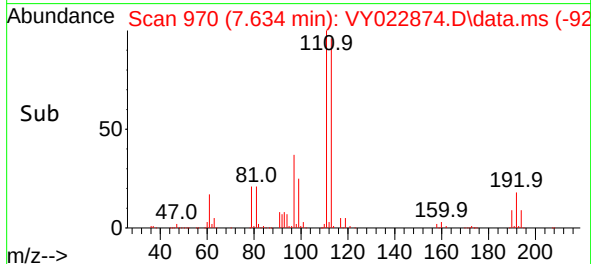
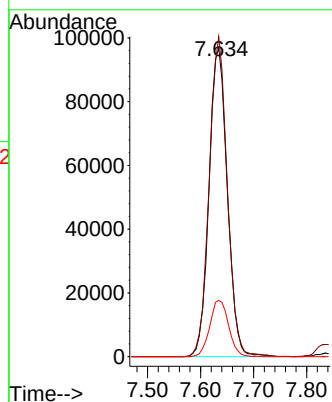
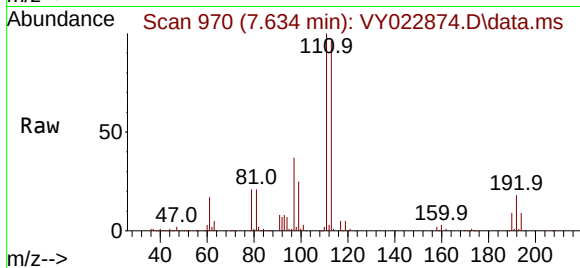




#35  
Dibromofluoromethane  
Concen: 48.047 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

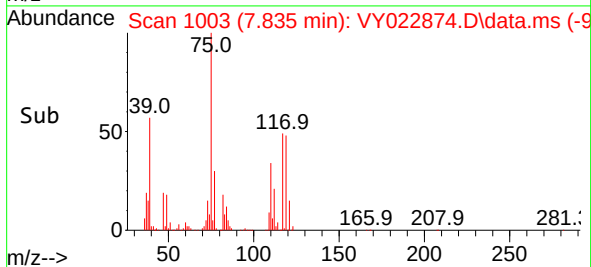
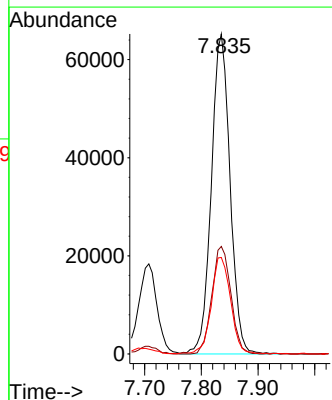
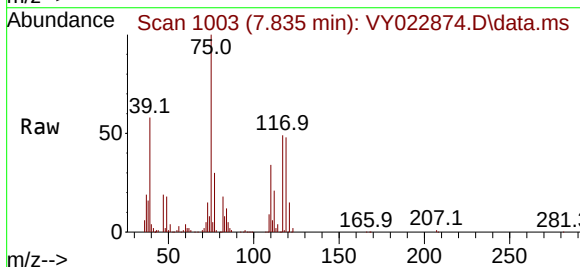
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

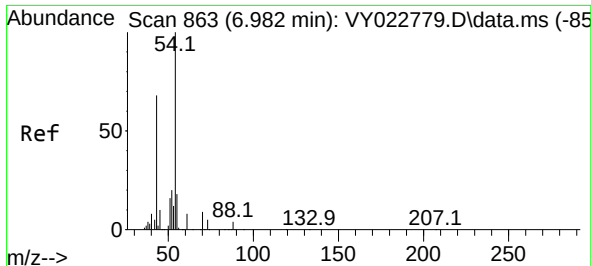
Tgt Ion:113 Resp: 232610  
Ion Ratio Lower Upper  
113 100  
111 102.1 81.1 121.7  
192 18.8 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 20.387 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 75 Resp: 149601  
Ion Ratio Lower Upper  
75 100  
110 34.0 16.9 50.7  
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 18.690 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.012 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

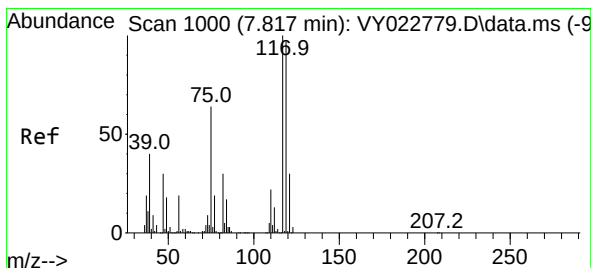
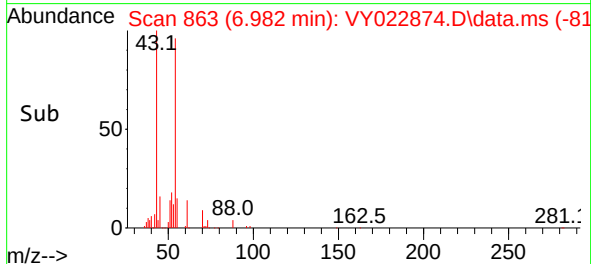
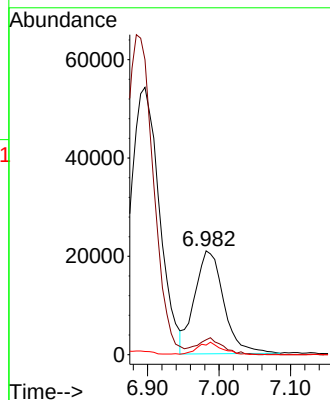
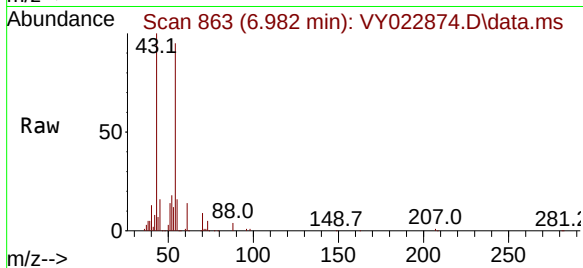
Tgt Ion: 43 Resp: 59183

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 10.3 7.2 10.8



#38

Carbon Tetrachloride

Concen: 19.982 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

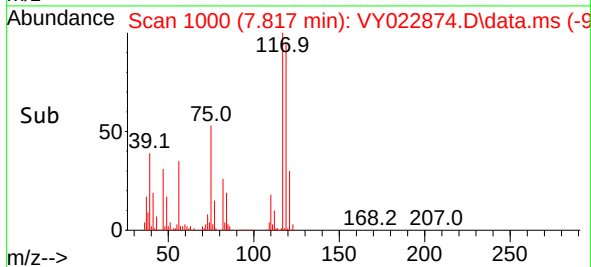
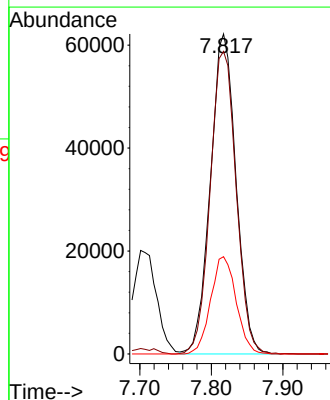
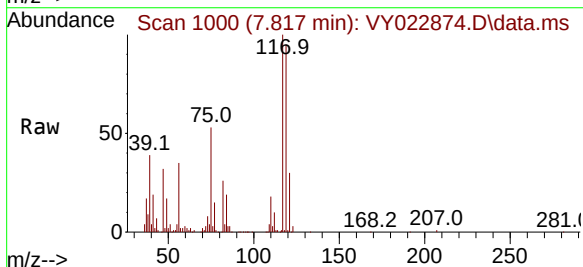
Tgt Ion: 117 Resp: 154719

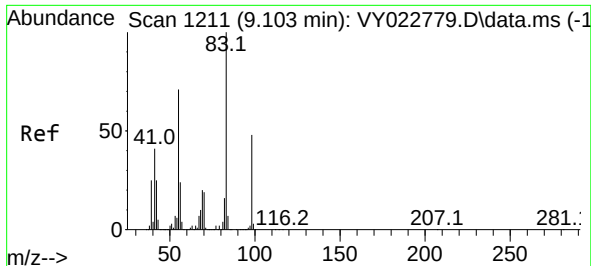
Ion Ratio Lower Upper

117 100

119 94.6 75.0 112.6

121 30.4 25.0 37.4





#39

Methylcyclohexane

Concen: 21.056 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

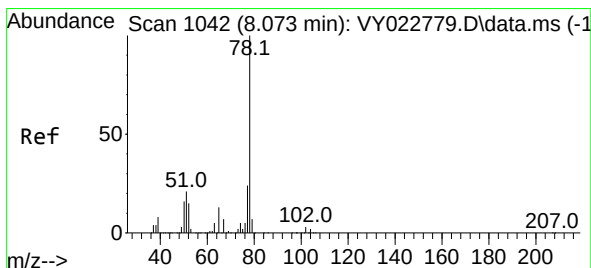
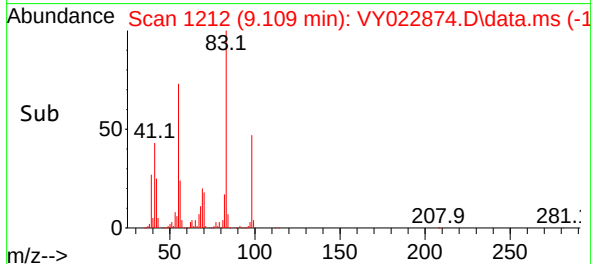
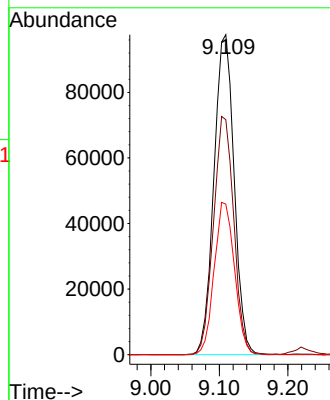
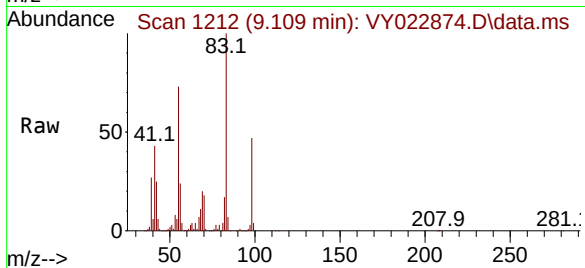
Tgt Ion: 83 Resp: 199958

Ion Ratio Lower Upper

83 100

55 73.4 58.1 87.1

98 47.1 39.0 58.6



#40

Benzene

Concen: 20.130 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022874.D

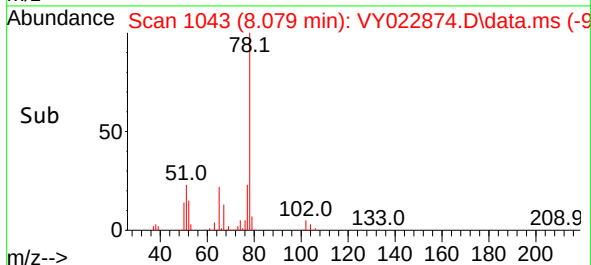
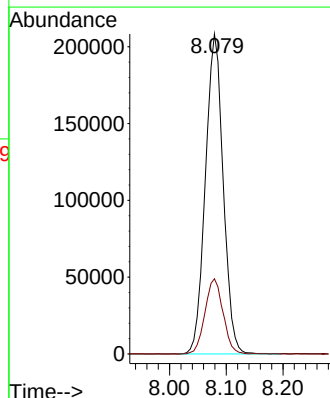
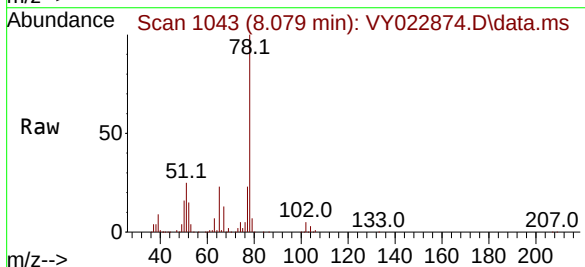
Acq: 30 Jun 2025 12:09

Tgt Ion: 78 Resp: 454171

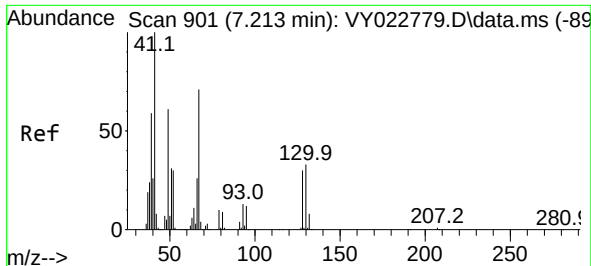
Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



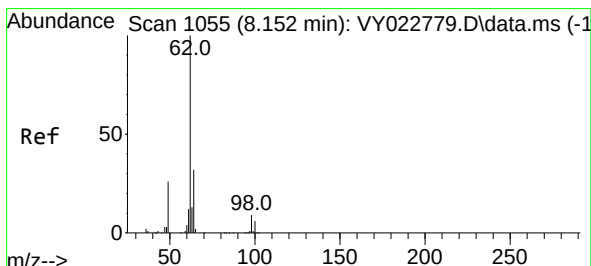
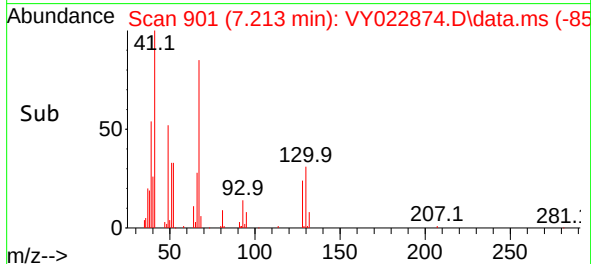
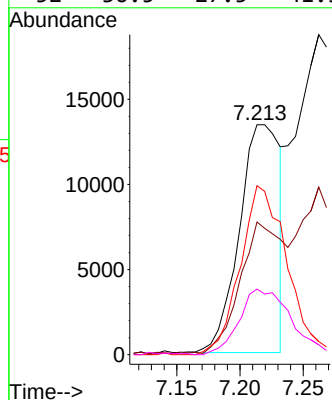
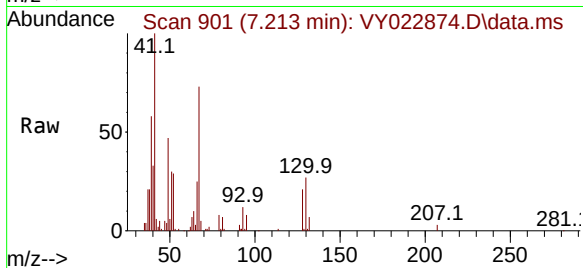




#41  
Methacrylonitrile  
Concen: 15.352 ug/l  
RT: 7.213 min Scan# 901  
Delta R.T. -0.018 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

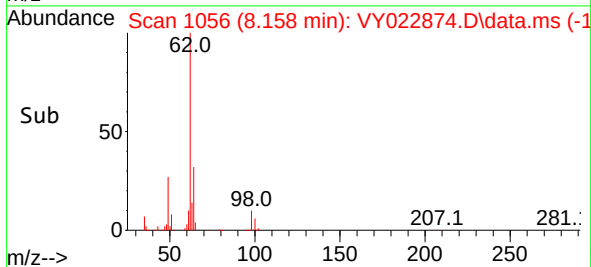
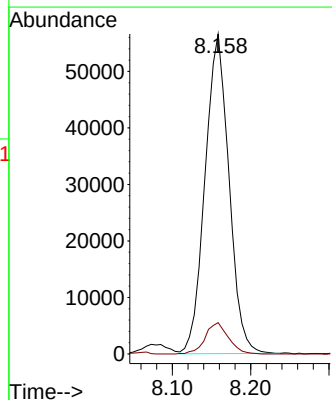
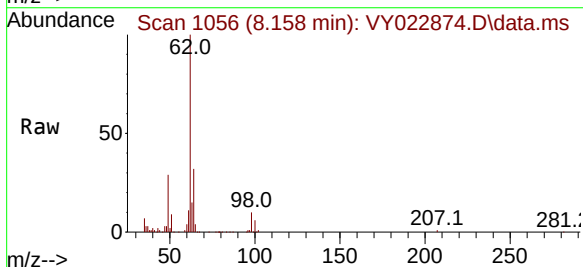
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

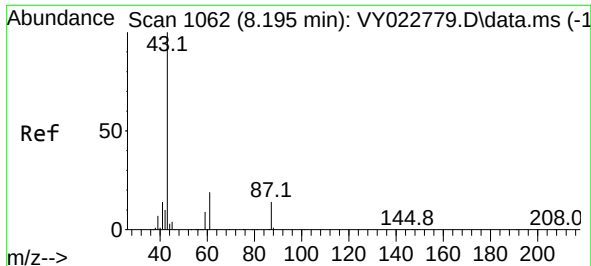
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 29927 |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 62.2     | 46.6 69.8   |
| 67 86.1     | 63.3 94.9   |
| 52 36.5     | 27.5 41.3   |



#42  
1,2-Dichloroethane  
Concen: 19.425 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

|             |              |
|-------------|--------------|
| Tgt Ion: 62 | Resp: 120093 |
| Ion Ratio   | Lower Upper  |
| 62 100      |              |
| 98 9.5      | 0.0 19.2     |

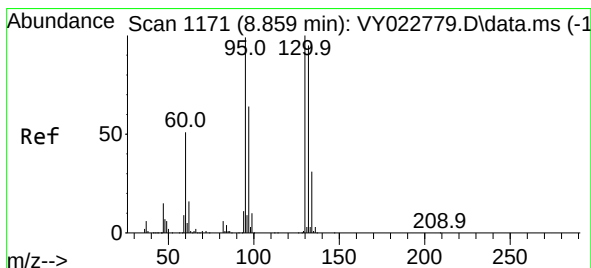
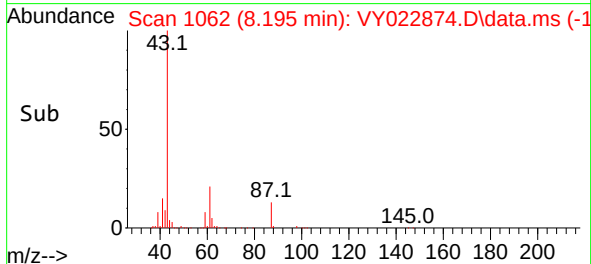
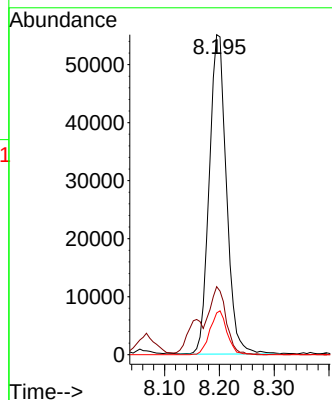
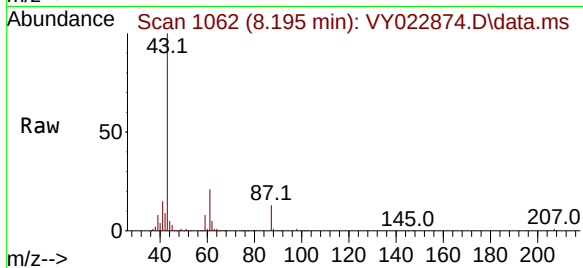




#43  
Isopropyl Acetate  
Concen: 18.199 ug/l  
RT: 8.195 min Scan# 119771  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

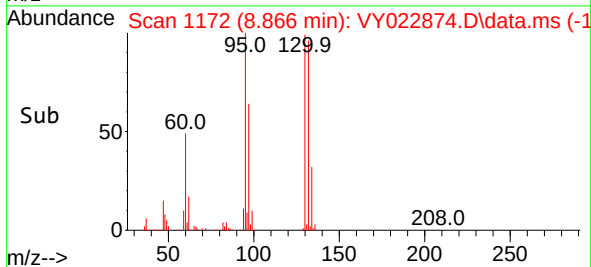
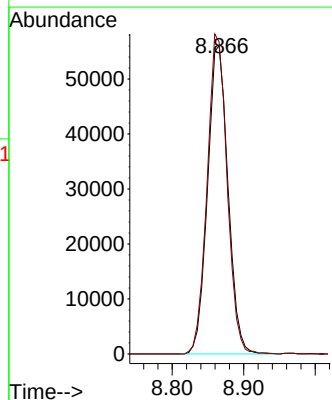
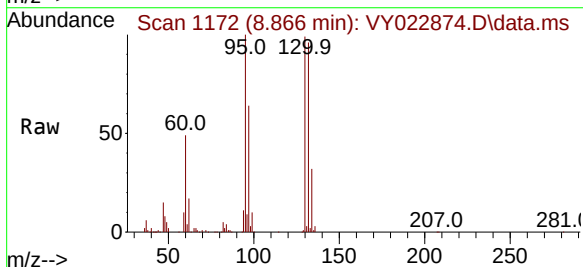
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

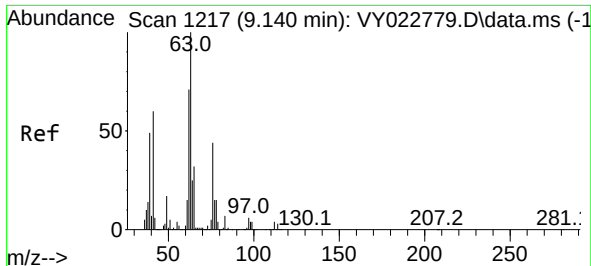
Tgt Ion: 43 Resp: 119771  
Ion Ratio Lower Upper  
43 100  
61 20.9 15.6 23.4  
87 13.5 10.2 15.4



#44  
Trichloroethene  
Concen: 19.620 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion:130 Resp: 111139  
Ion Ratio Lower Upper  
130 100  
95 101.3 0.0 203.0





#45

1,2-Dichloropropane

Concen: 20.259 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

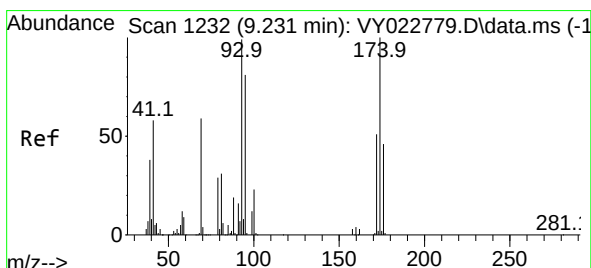
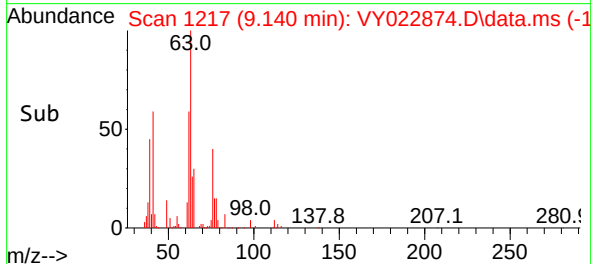
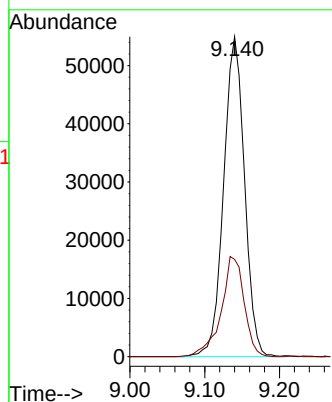
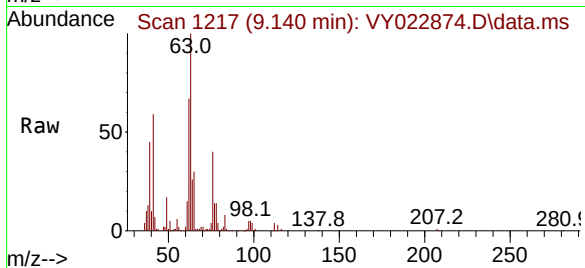
VY0630SBS01

Tgt Ion: 63 Resp: 106975

Ion Ratio Lower Upper

63 100

65 30.4 24.0 36.0



#46

Dibromomethane

Concen: 18.894 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

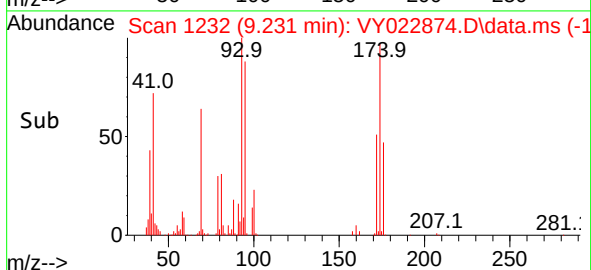
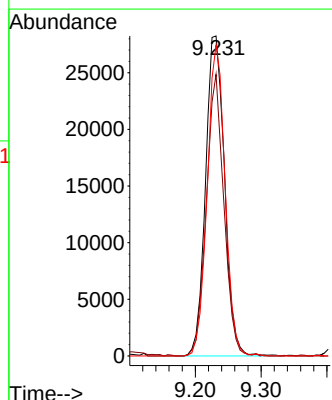
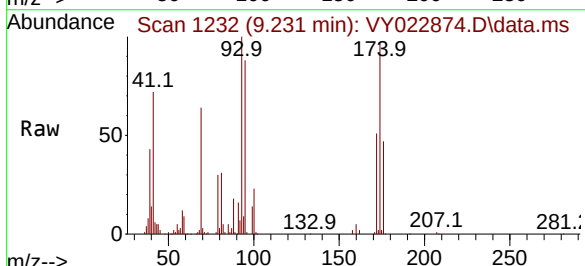
Tgt Ion: 93 Resp: 56637

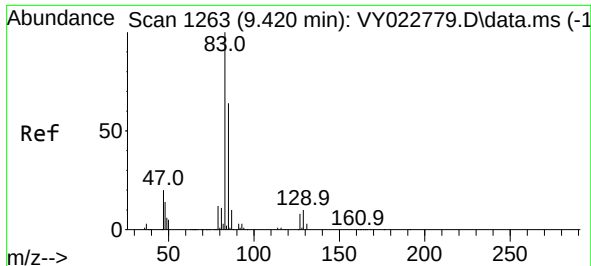
Ion Ratio Lower Upper

93 100

95 81.7 65.6 98.4

174 91.7 70.4 105.6





#47

Bromodichloromethane

Concen: 19.441 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

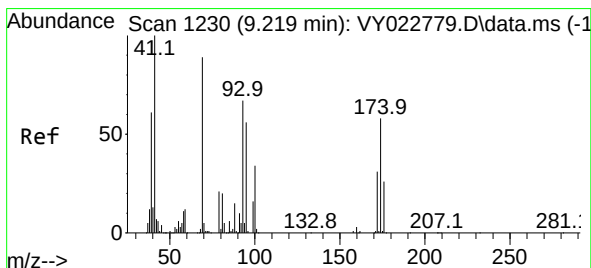
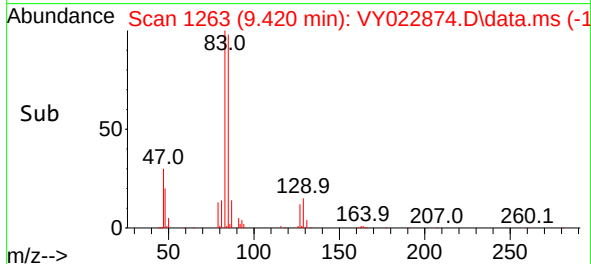
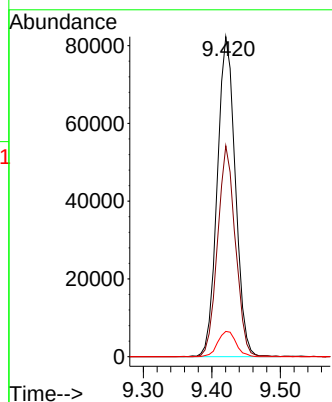
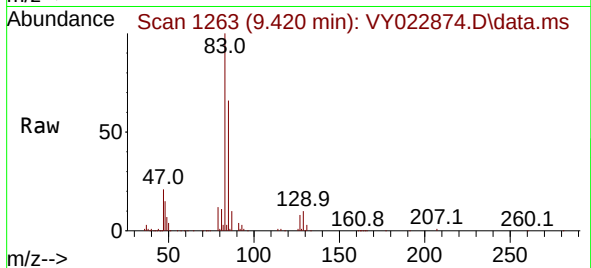
Tgt Ion: 83 Resp: 150271

Ion Ratio Lower Upper

83 100

85 65.8 49.1 73.7

127 7.9 6.2 9.4



#48

Methyl methacrylate

Concen: 18.851 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

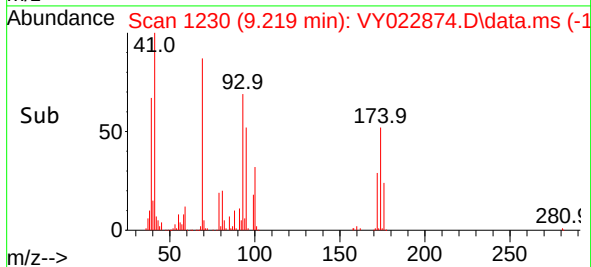
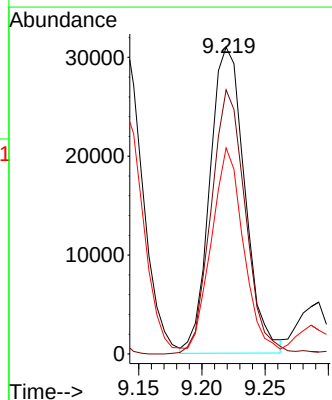
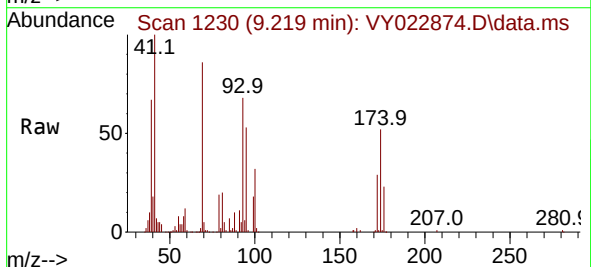
Tgt Ion: 41 Resp: 59643

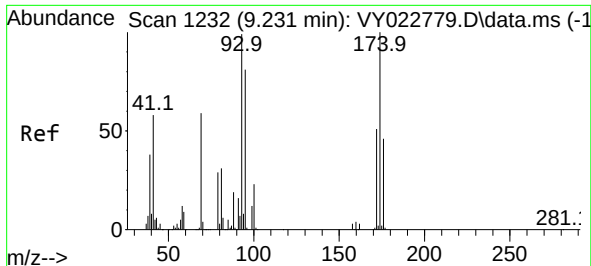
Ion Ratio Lower Upper

41 100

69 85.0 67.8 101.8

39 58.9 55.0 82.4





#49

1,4-Dioxane

Concen: 343.190 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.012 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

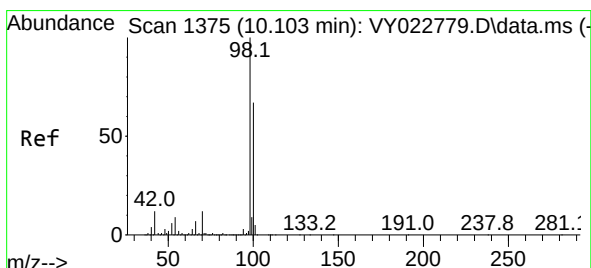
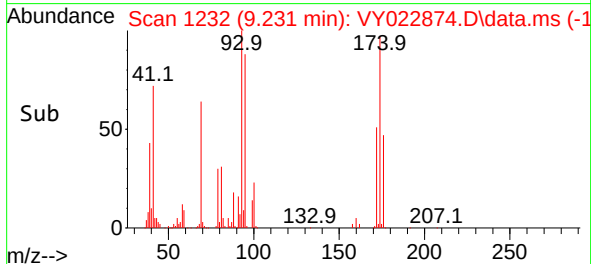
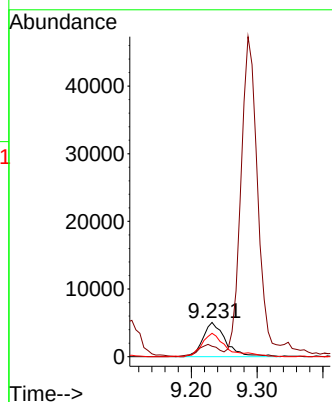
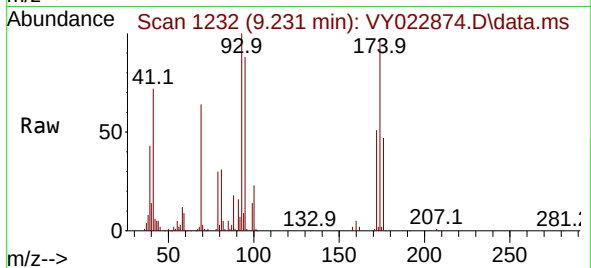
Tgt Ion: 88 Resp: 12154

Ion Ratio Lower Upper

88 100

43 32.2 25.4 38.2

58 73.5 54.9 82.3



#50

Toluene-d8

Concen: 48.522 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022874.D

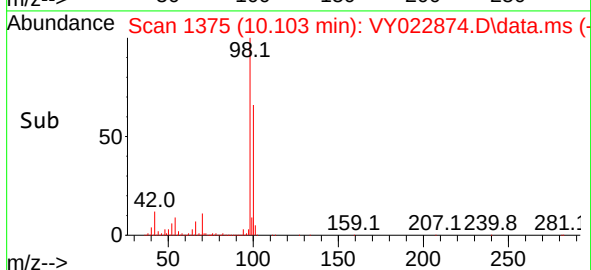
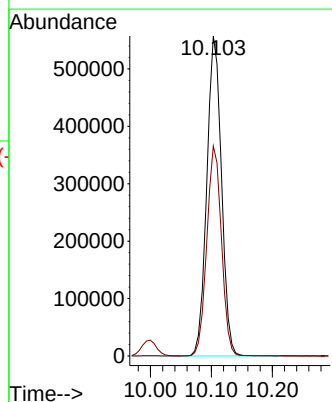
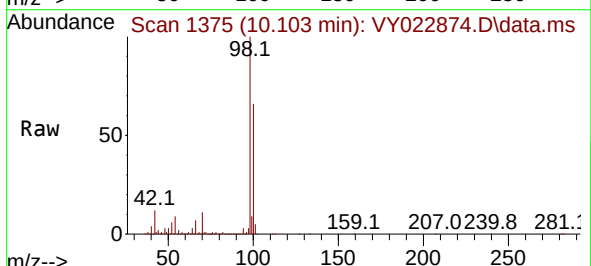
Acq: 30 Jun 2025 12:09

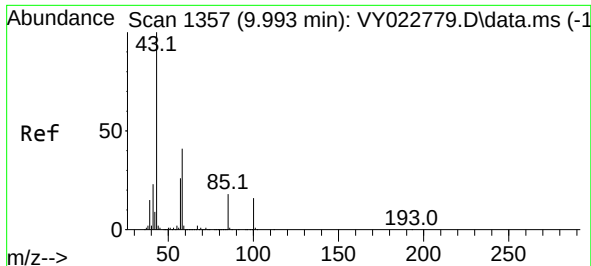
Tgt Ion: 98 Resp: 932142

Ion Ratio Lower Upper

98 100

100 65.5 51.4 77.0

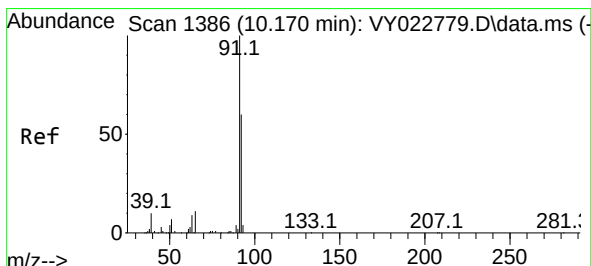
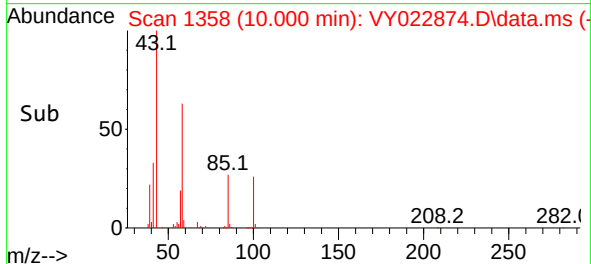
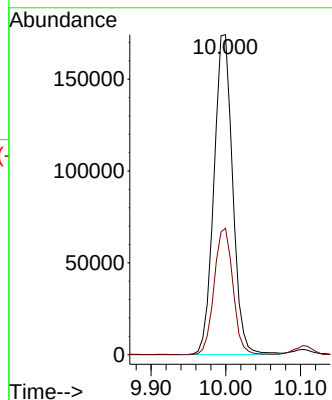
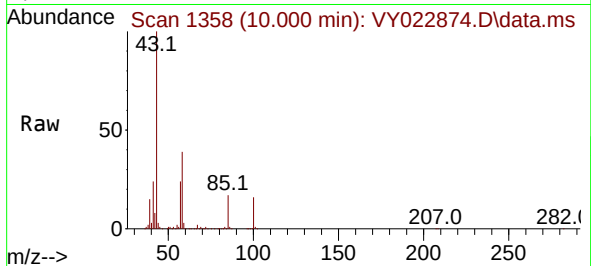




#51  
4-Methyl-2-Pentanone  
Concen: 90.839 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

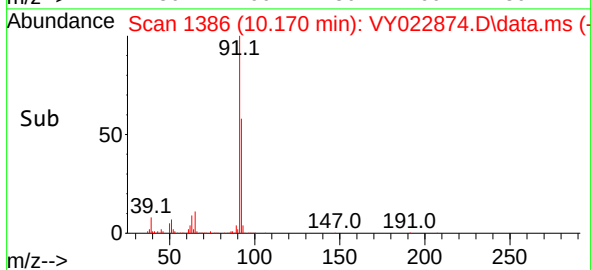
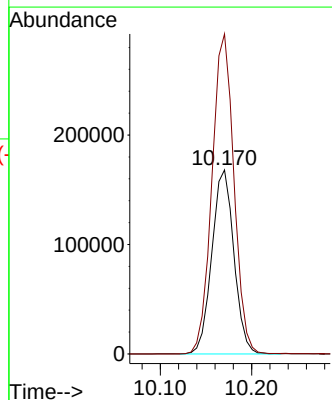
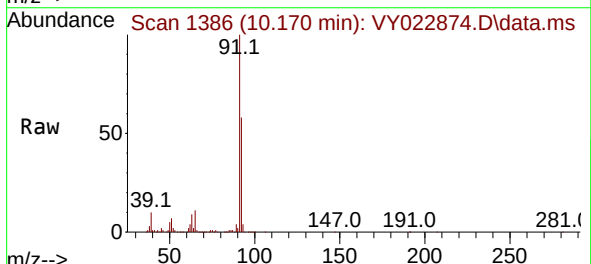
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

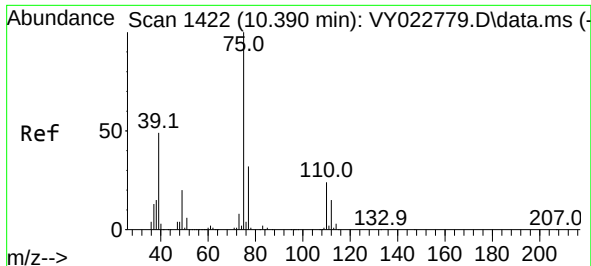
Tgt Ion: 43 Resp: 303806  
Ion Ratio Lower Upper  
43 100  
58 39.6 30.4 45.6



#52  
Toluene  
Concen: 19.726 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 92 Resp: 280772  
Ion Ratio Lower Upper  
92 100  
91 174.0 139.0 208.4

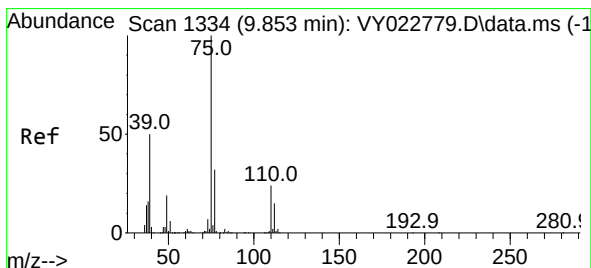
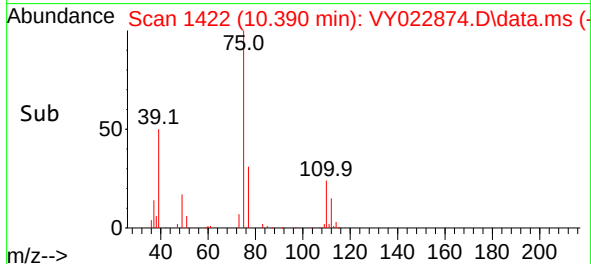
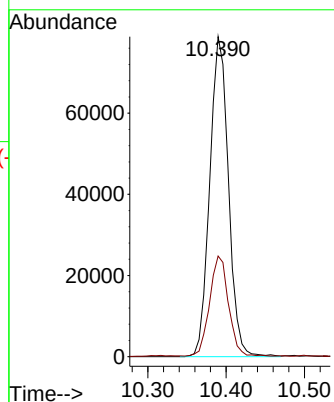
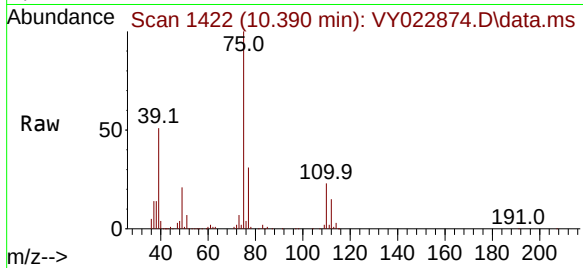




#53  
 t-1,3-Dichloropropene  
 Concen: 18.784 ug/l  
 RT: 10.390 min Scan# 1422  
 Delta R.T. -0.006 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

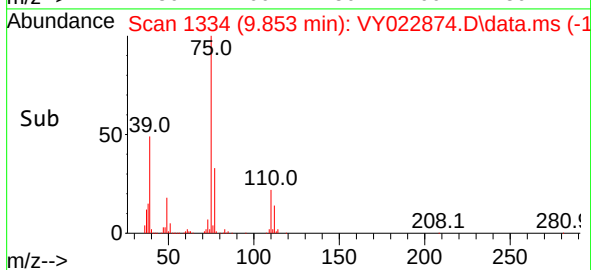
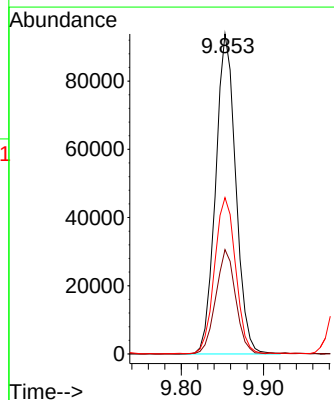
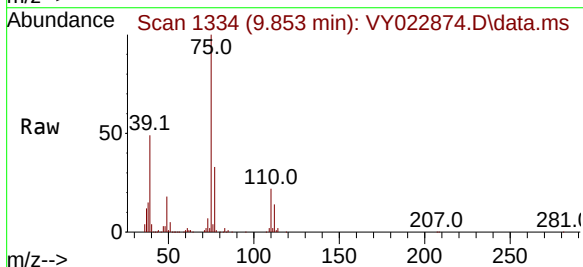
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

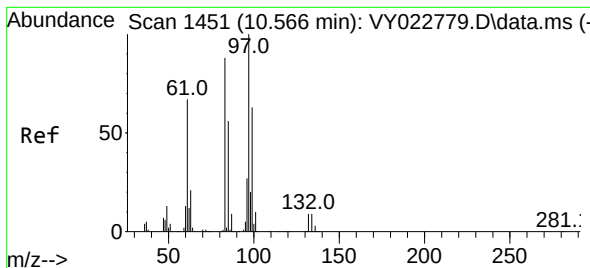
Tgt Ion: 75 Resp: 130634  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 26.5 39.7



#54  
 cis-1,3-Dichloropropene  
 Concen: 19.826 ug/l  
 RT: 9.853 min Scan# 1334  
 Delta R.T. -0.006 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

Tgt Ion: 75 Resp: 159876  
 Ion Ratio Lower Upper  
 75 100  
 77 32.6 25.3 37.9  
 39 48.7 42.7 64.1

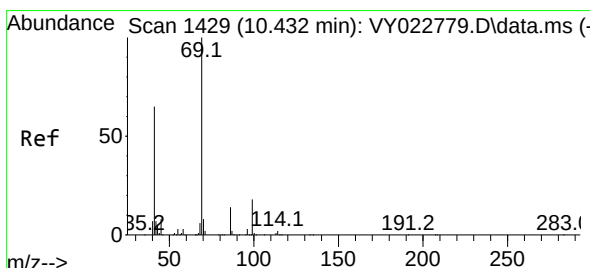
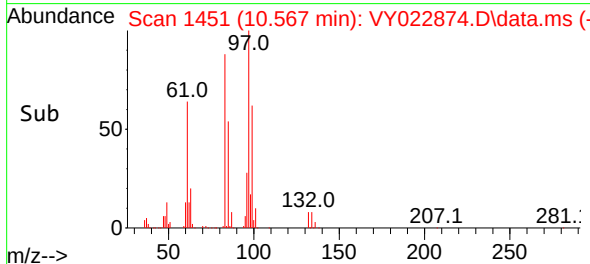
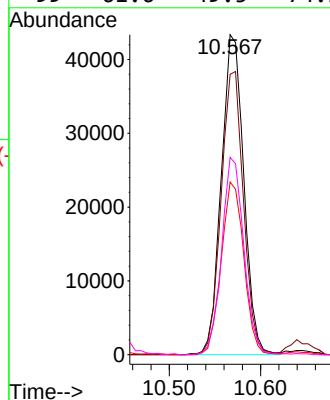
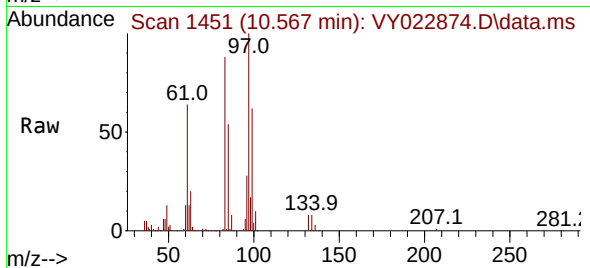




#55  
1,1,2-Trichloroethane  
Concen: 19.148 ug/l  
RT: 10.567 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

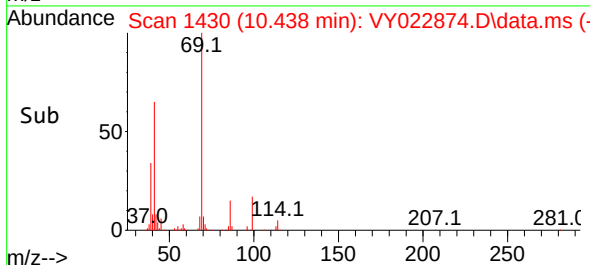
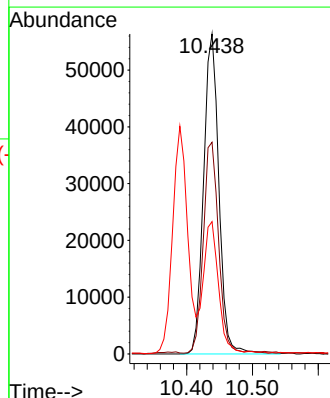
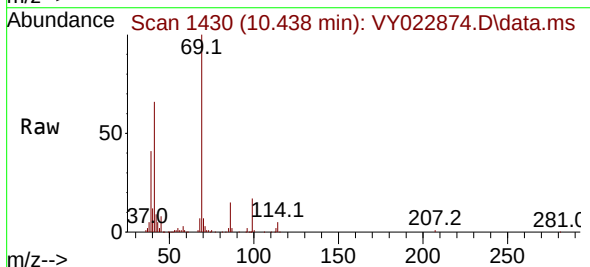
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 74323 |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 87.6     | 68.1 102.1  |
| 85 54.0     | 48.2 72.2   |
| 99 61.6     | 49.5 74.3   |

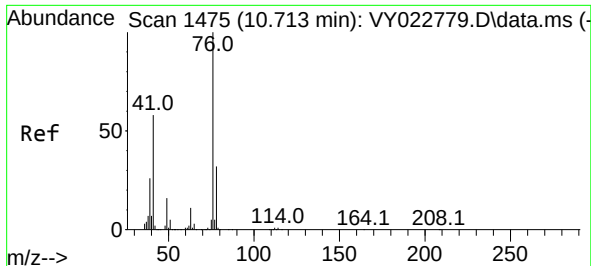


#56  
Ethyl methacrylate  
Concen: 17.481 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 91289 |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 65.5     | 52.2 78.2   |
| 39 39.8     | 36.7 55.1   |







#57

1,3-Dichloropropane

Concen: 19.228 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

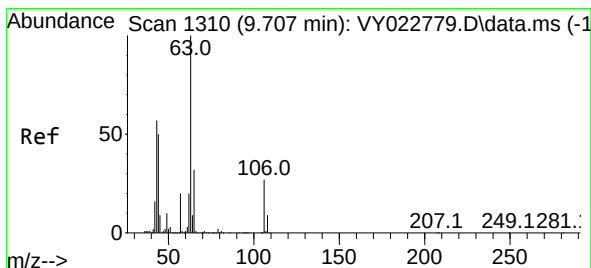
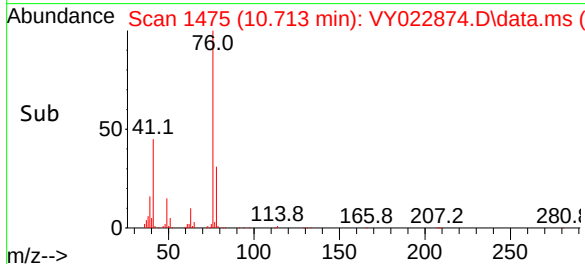
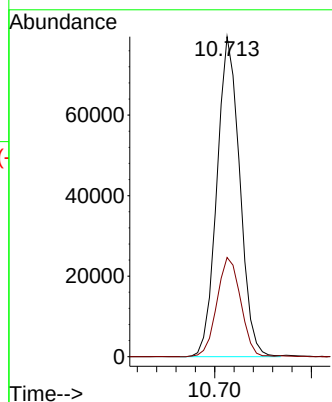
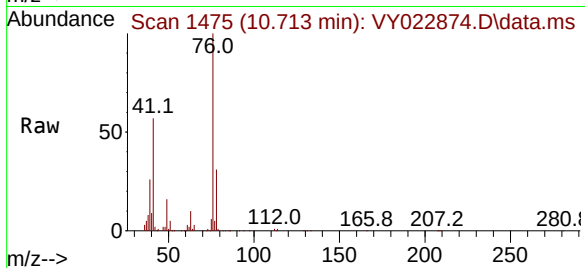
VY0630SBS01

Tgt Ion: 76 Resp: 130214

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.786 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022874.D

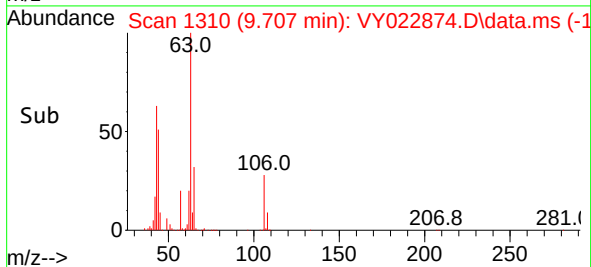
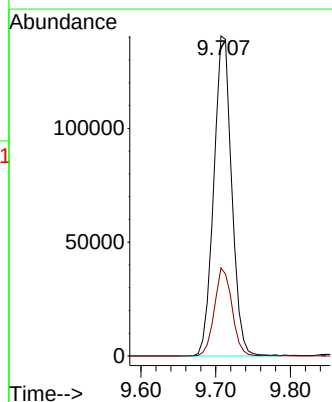
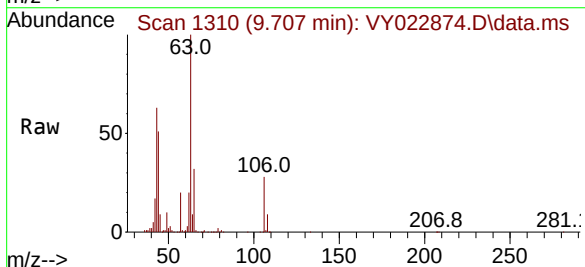
Acq: 30 Jun 2025 12:09

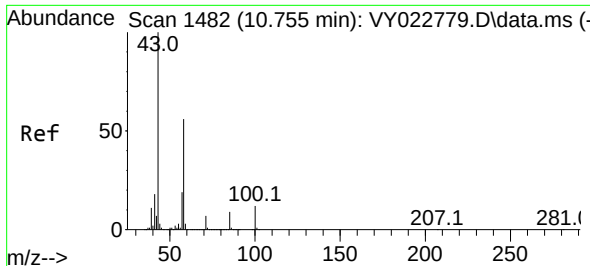
Tgt Ion: 63 Resp: 234626

Ion Ratio Lower Upper

63 100

106 27.0 21.6 32.4

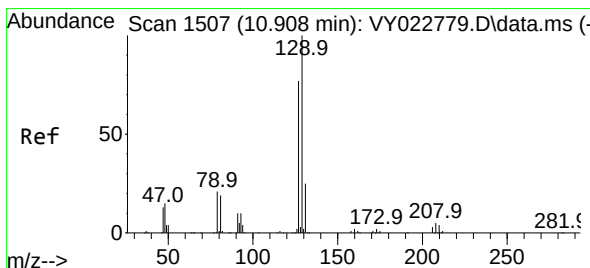
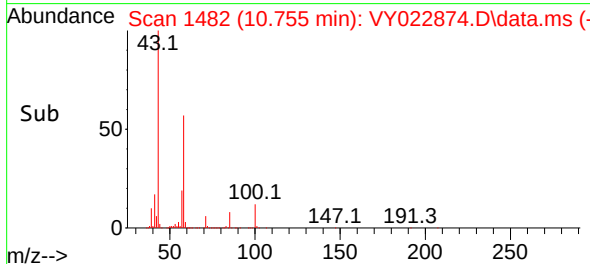
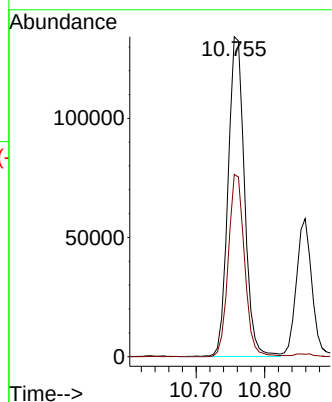
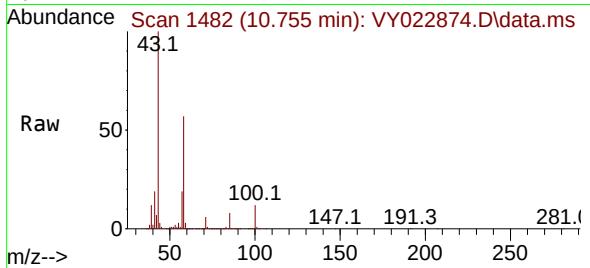




#59  
2-Hexanone  
Concen: 98.027 ug/l  
RT: 10.755 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

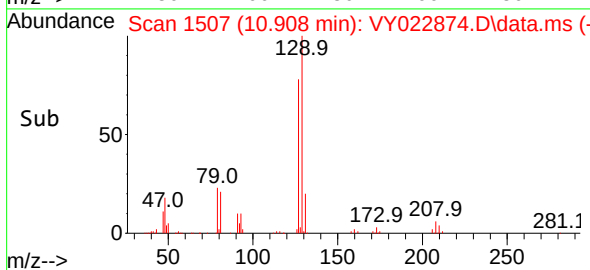
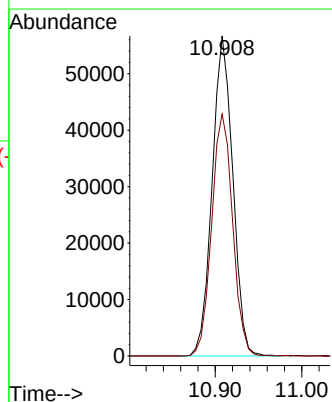
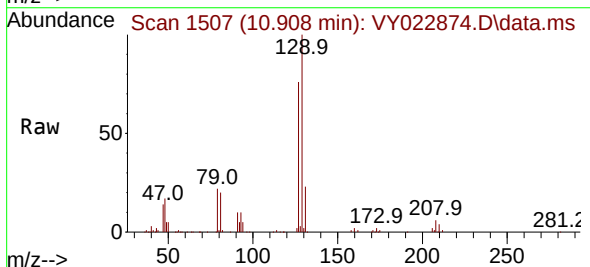
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

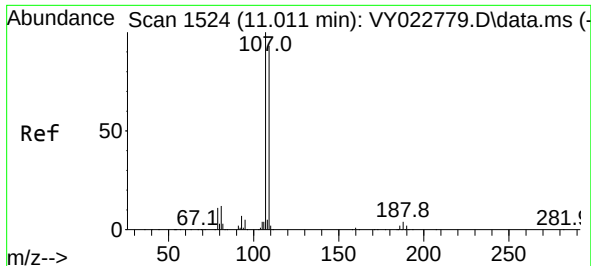
Tgt Ion: 43 Resp: 222895  
Ion Ratio Lower Upper  
43 100  
58 56.3 27.3 81.8



#60  
Dibromochloromethane  
Concen: 18.706 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 129 Resp: 93786  
Ion Ratio Lower Upper  
129 100  
127 76.7 39.1 117.2

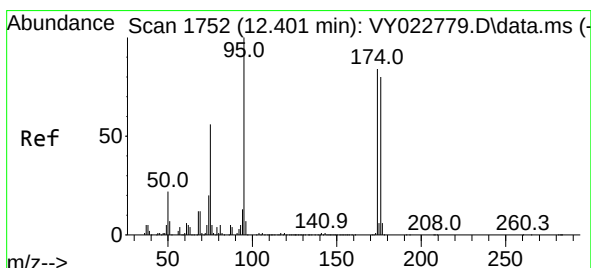
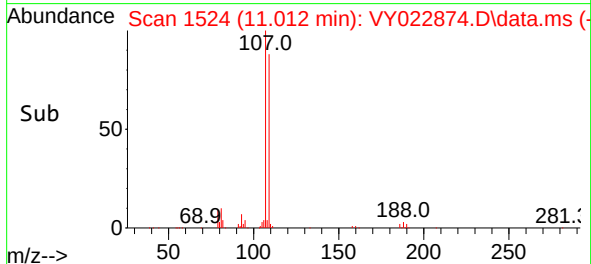
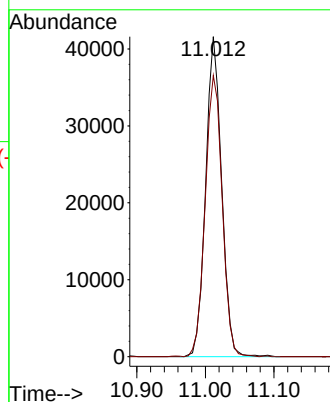
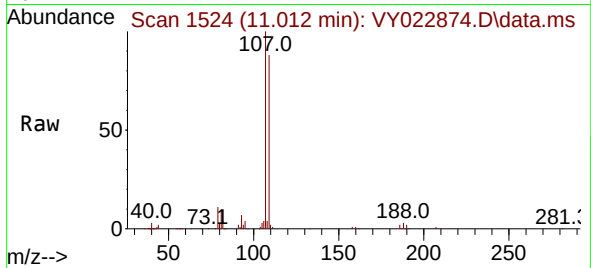




#61  
1,2-Dibromoethane  
Concen: 18.603 ug/l  
RT: 11.012 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

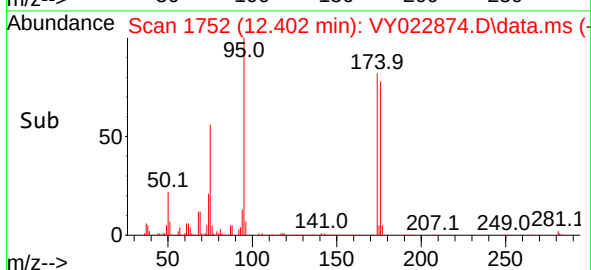
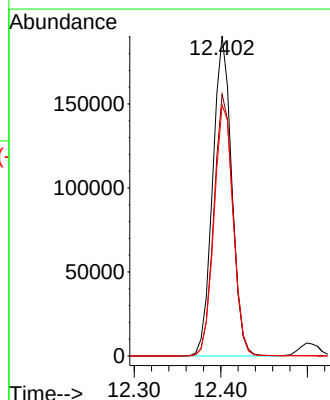
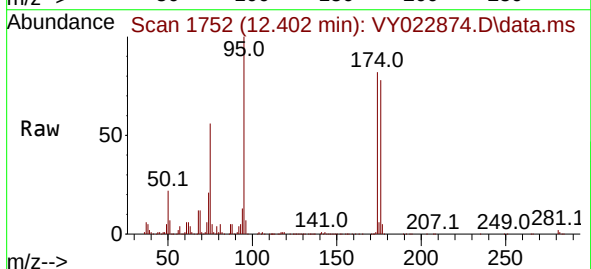
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

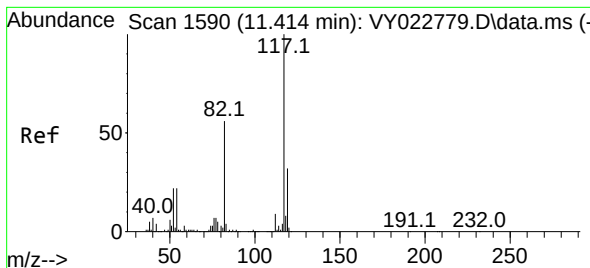
Tgt Ion:107 Resp: 67569  
Ion Ratio Lower Upper  
107 100  
109 93.4 77.7 116.5



#62  
4-Bromofluorobenzene  
Concen: 46.979 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 95 Resp: 290126  
Ion Ratio Lower Upper  
95 100  
174 82.3 0.0 170.0  
176 79.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

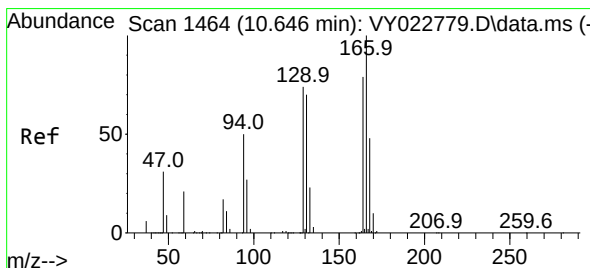
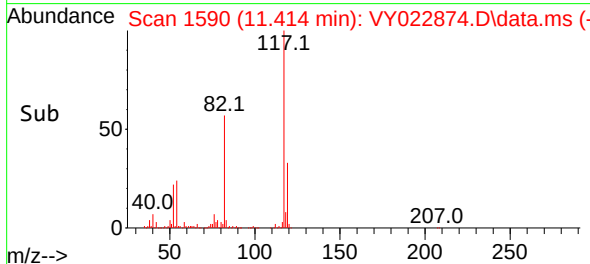
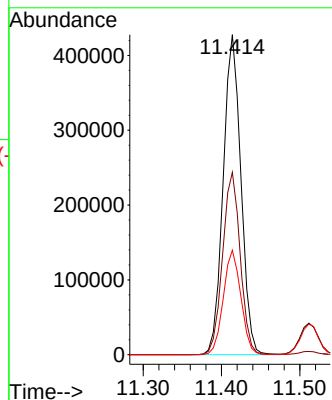
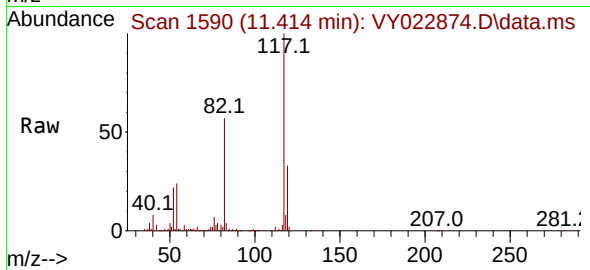
Tgt Ion:117 Resp: 673720

Ion Ratio Lower Upper

117 100

82 57.0 44.6 66.8

119 32.6 25.4 38.0



#64

Tetrachloroethene

Concen: 18.286 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Tgt Ion:164 Resp: 116386

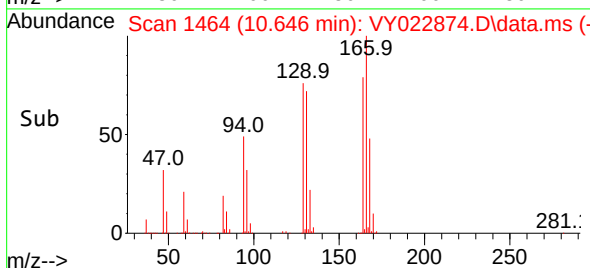
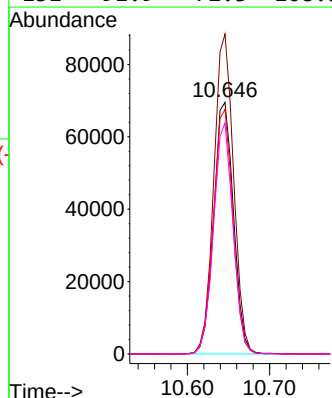
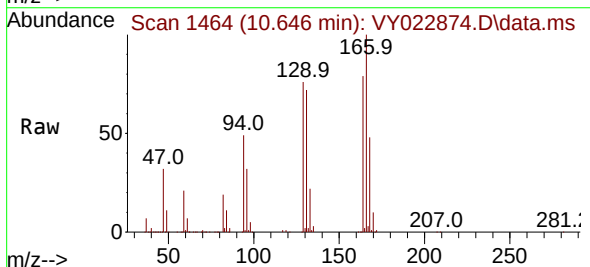
Ion Ratio Lower Upper

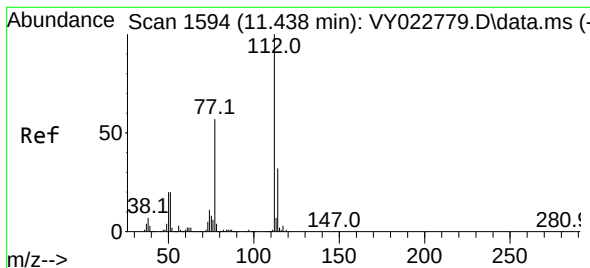
164 100

166 127.2 104.0 156.0

129 97.2 74.5 111.7

131 91.9 72.3 108.5

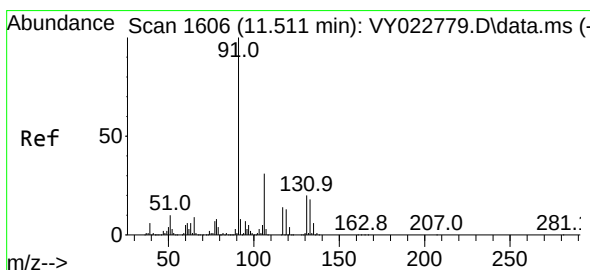
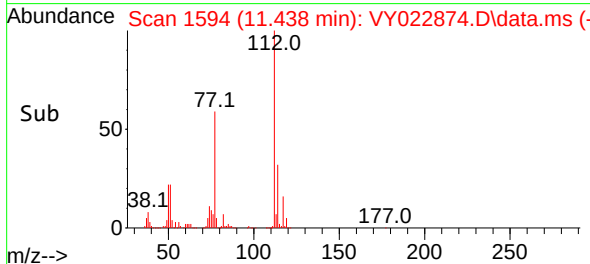
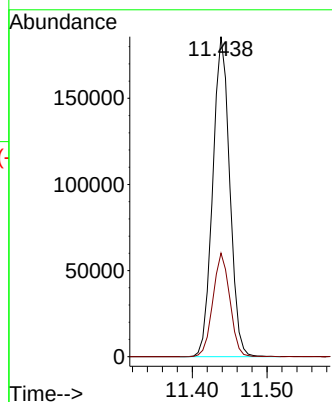
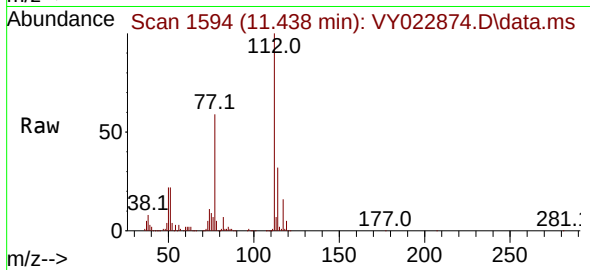




#65  
Chlorobenzene  
Concen: 19.882 ug/l  
RT: 11.438 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

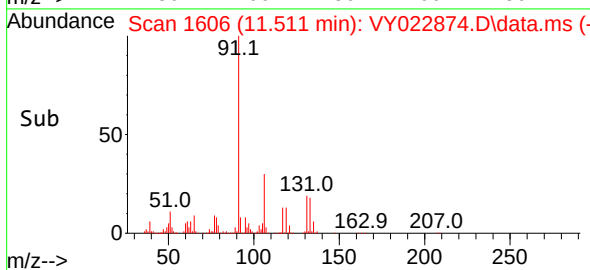
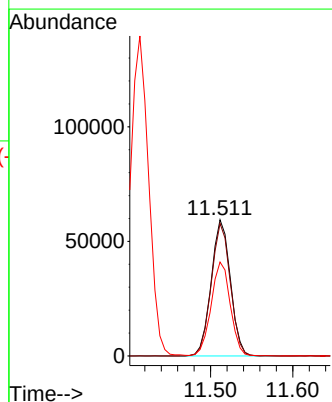
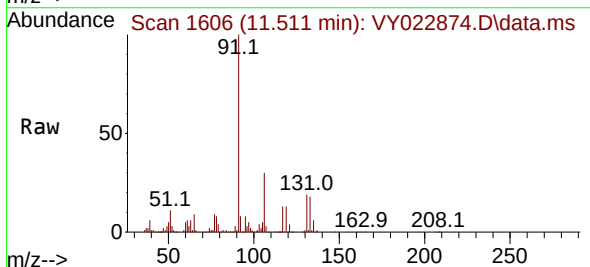
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

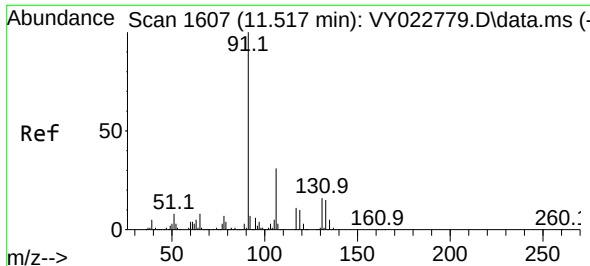
Tgt Ion:112 Resp: 294335  
Ion Ratio Lower Upper  
112 100  
114 32.3 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.255 ug/l  
RT: 11.511 min Scan# 1606  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion:131 Resp: 96547  
Ion Ratio Lower Upper  
131 100  
133 96.6 47.3 141.8  
119 68.8 33.1 99.3





#67

Ethyl Benzene

Concen: 20.127 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

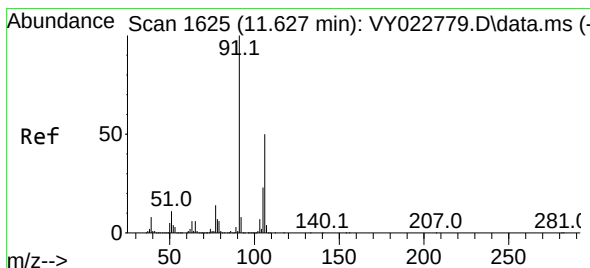
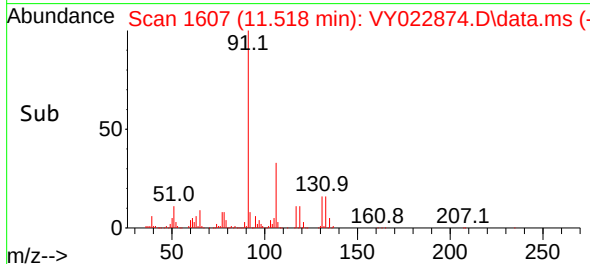
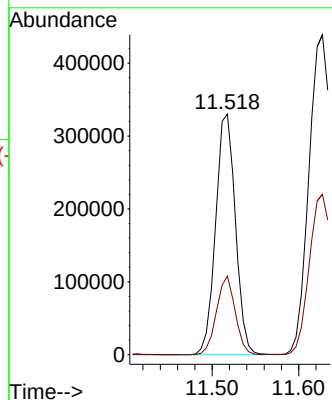
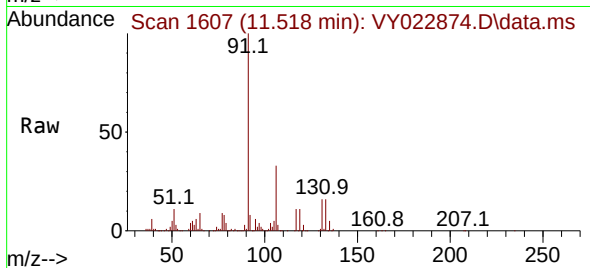
VY0630SBS01

Tgt Ion: 91 Resp: 523513

Ion Ratio Lower Upper

91 100

106 32.7 24.2 36.4



#68

m/p-Xylenes

Concen: 40.245 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022874.D

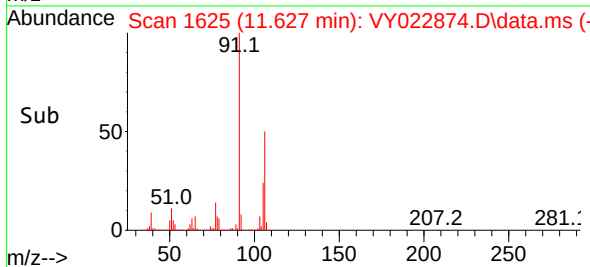
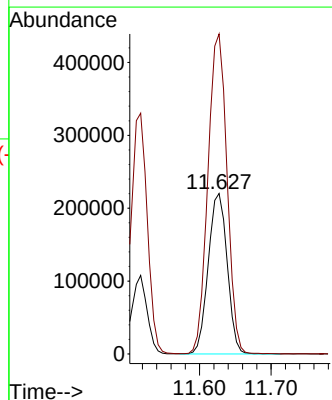
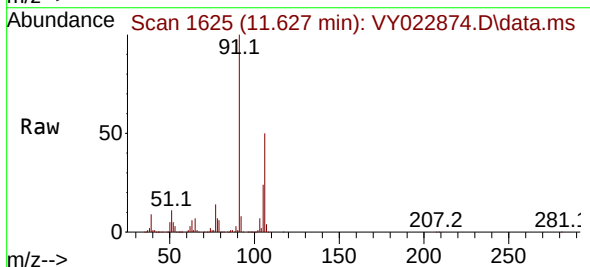
Acq: 30 Jun 2025 12:09

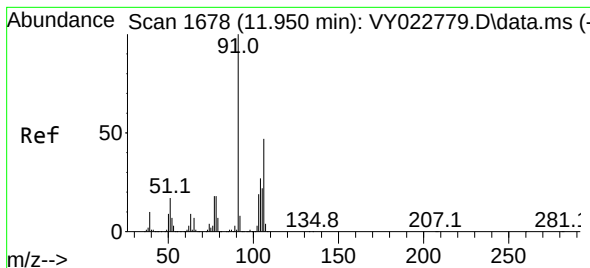
Tgt Ion:106 Resp: 404642

Ion Ratio Lower Upper

106 100

91 201.1 159.4 239.0

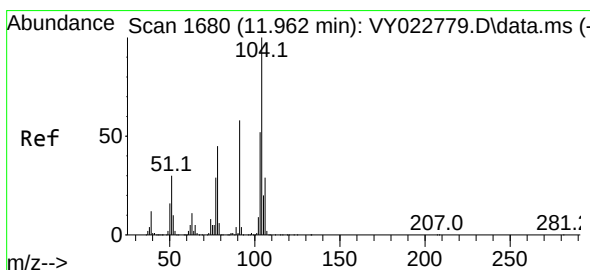
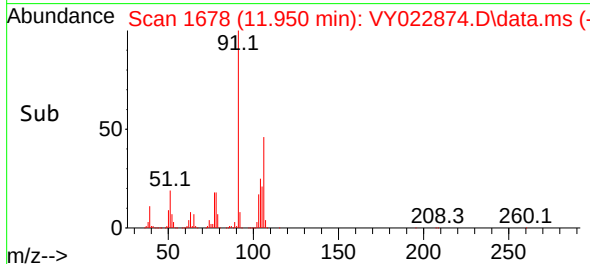
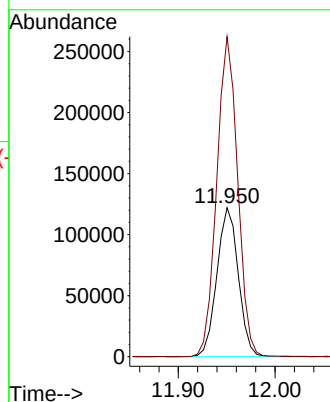
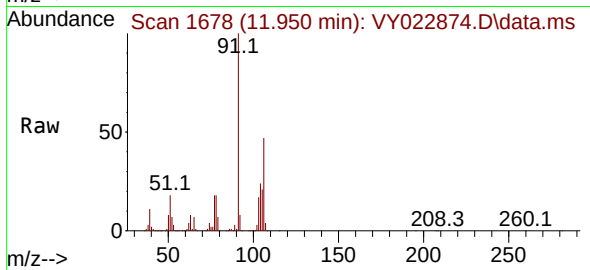




#69  
o-Xylene  
Concen: 19.768 ug/l  
RT: 11.950 min Scan# 1678  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

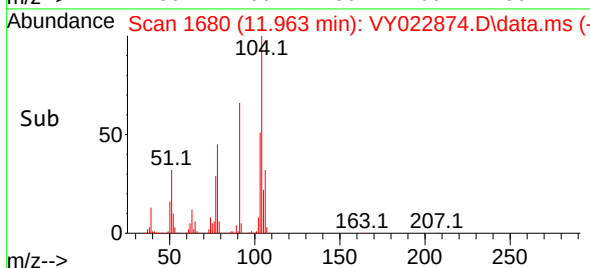
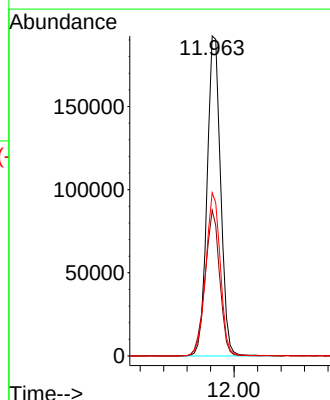
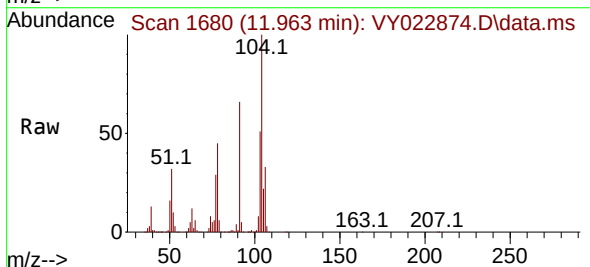
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

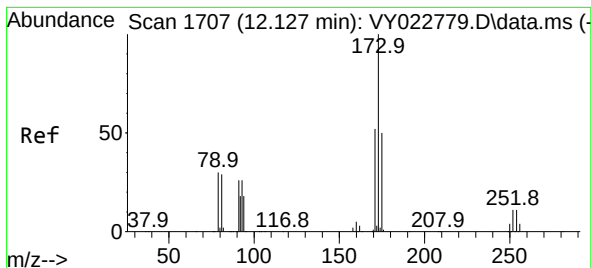
Tgt Ion:106 Resp: 187284  
Ion Ratio Lower Upper  
106 100  
91 210.5 105.8 317.3



#70  
Styrene  
Concen: 19.431 ug/l  
RT: 11.963 min Scan# 1680  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion:104 Resp: 308353  
Ion Ratio Lower Upper  
104 100  
78 49.3 39.5 59.3  
103 55.0 44.1 66.1





#71

Bromoform

Concen: 18.255 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

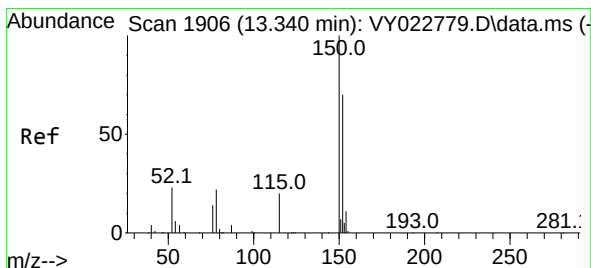
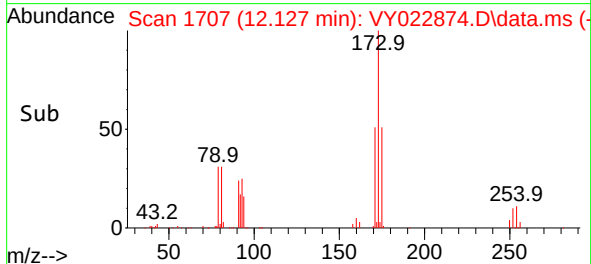
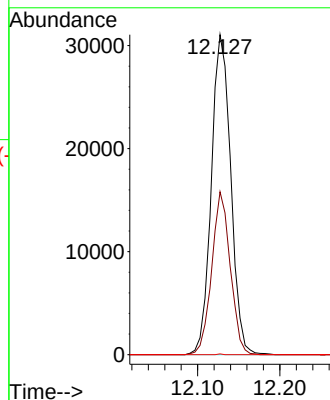
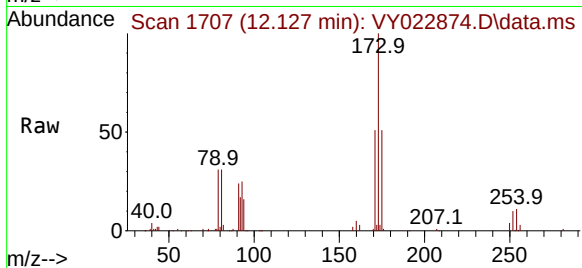
Tgt Ion:173 Resp: 50967

Ion Ratio Lower Upper

173 100

175 48.5 23.8 71.5

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

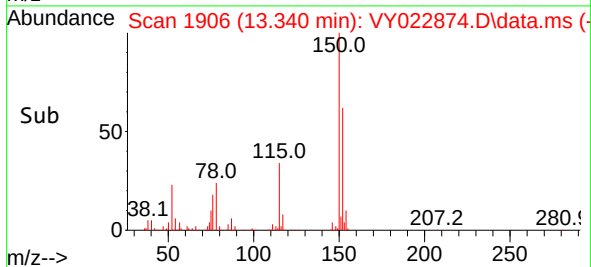
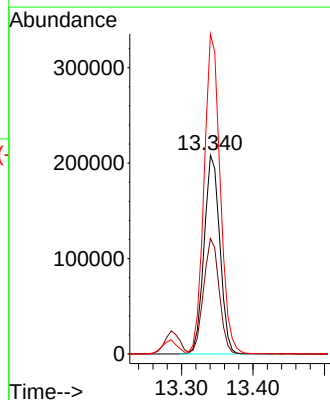
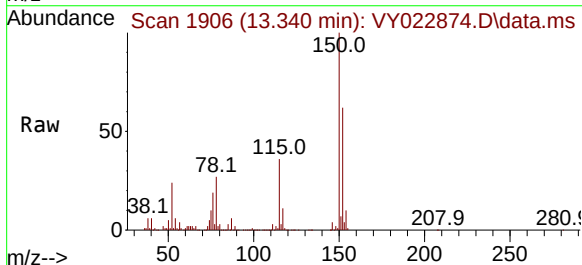
Tgt Ion:152 Resp: 318118

Ion Ratio Lower Upper

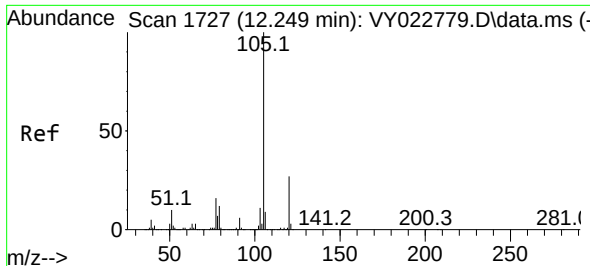
152 100

115 57.7 28.9 86.7

150 164.9 0.0 349.6



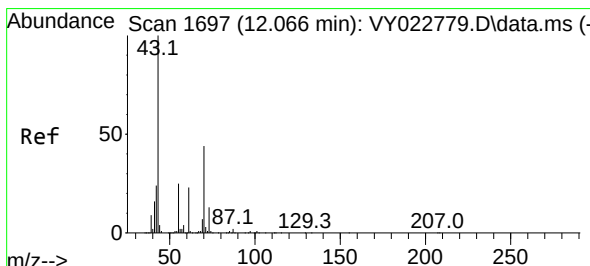
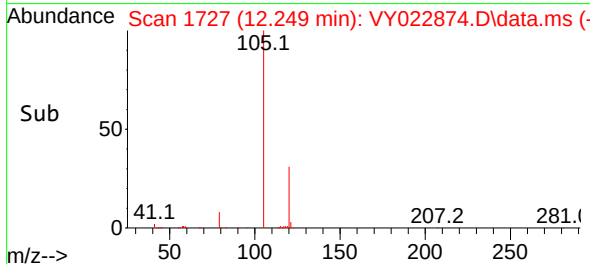
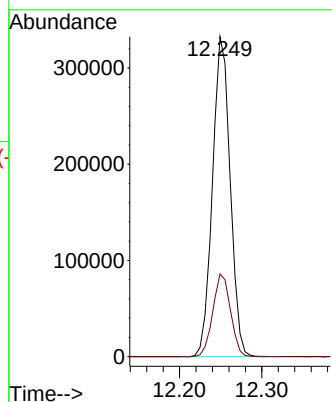
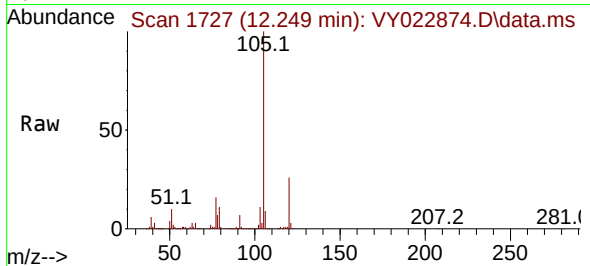




#73  
Isopropylbenzene  
Concen: 21.102 ug/l  
RT: 12.249 min Scan# 1727  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

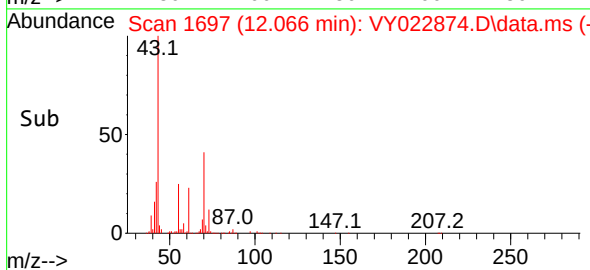
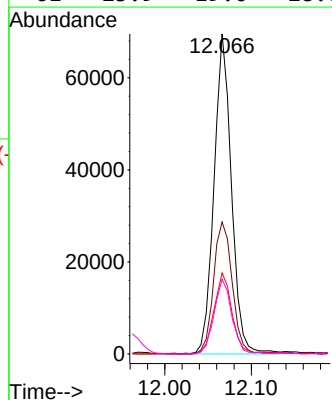
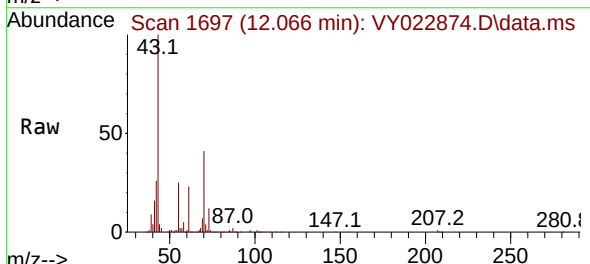
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

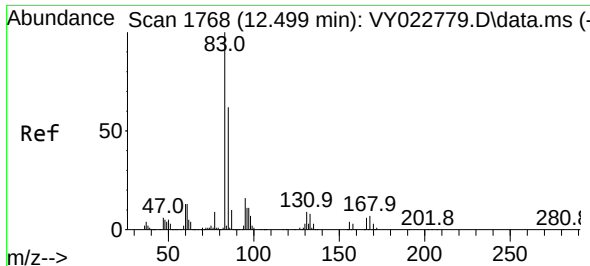
Tgt Ion:105 Resp: 496473  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.0 38.9



#74  
N-ethyl acetate  
Concen: 18.463 ug/l  
RT: 12.066 min Scan# 1697  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 43 Resp: 97501  
Ion Ratio Lower Upper  
43 100  
70 44.8 34.2 51.2  
55 25.8 18.2 27.4  
61 23.9 19.0 28.6

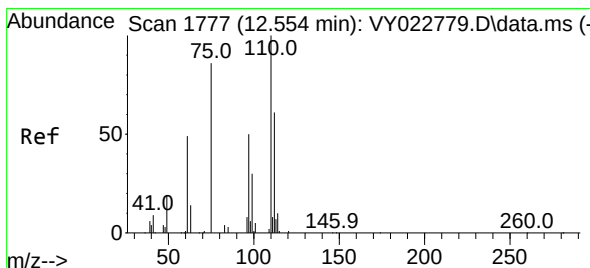
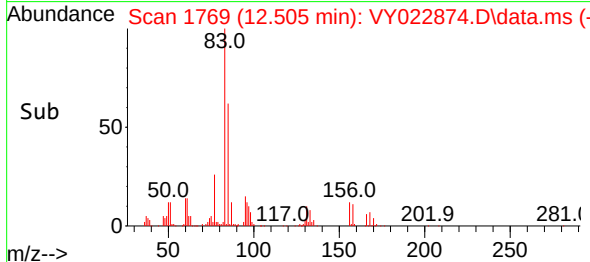
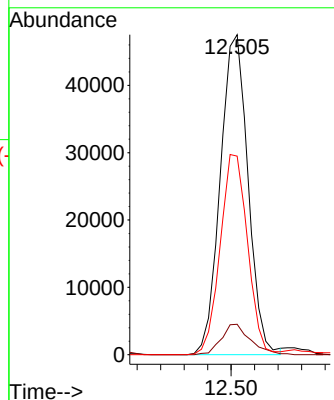
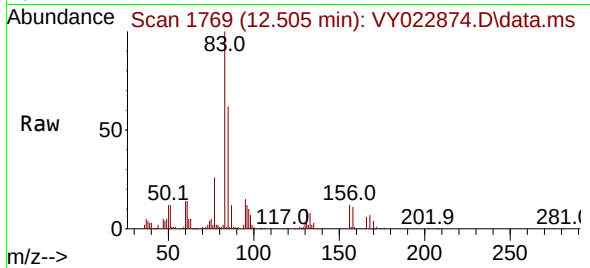




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 20.567 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

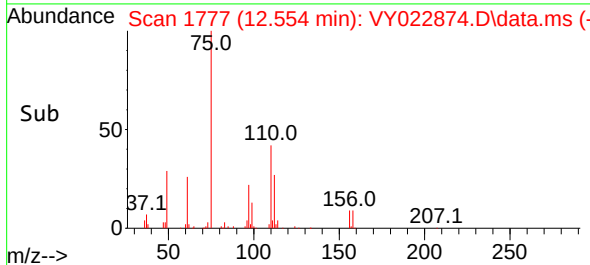
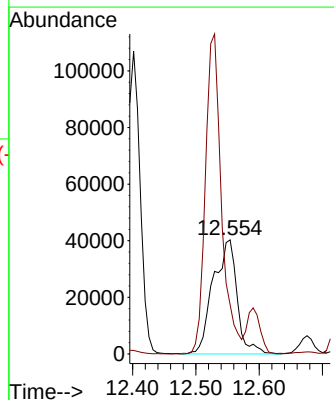
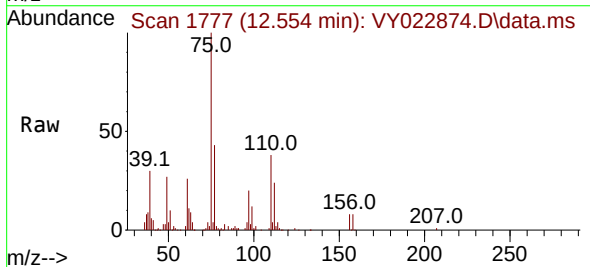
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0630SBS01

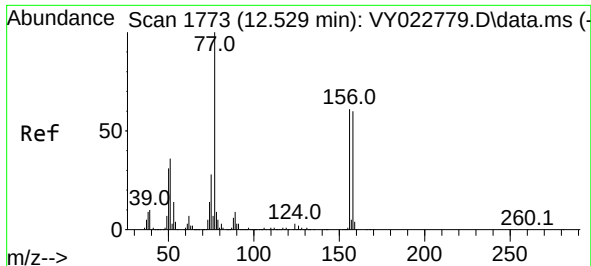
Tgt Ion: 83 Resp: 77986  
 Ion Ratio Lower Upper  
 83 100  
 131 9.9 4.9 14.7  
 85 61.9 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 32.487 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.000 min  
 Lab File: VY022874.D  
 Acq: 30 Jun 2025 12:09

Tgt Ion: 75 Resp: 105507  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

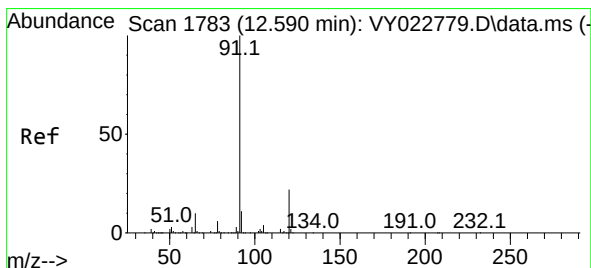
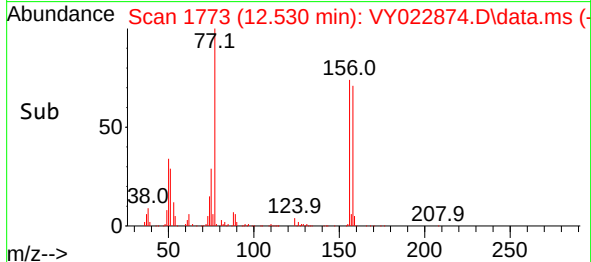
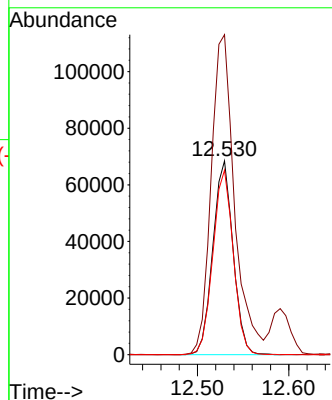
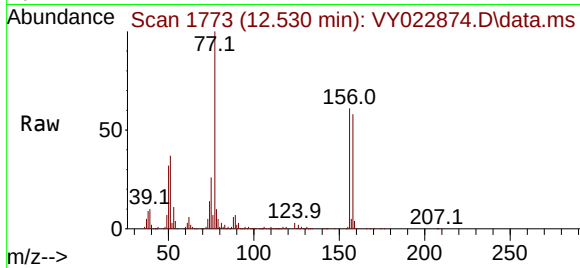




#77  
Bromobenzene  
Concen: 19.721 ug/l  
RT: 12.530 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

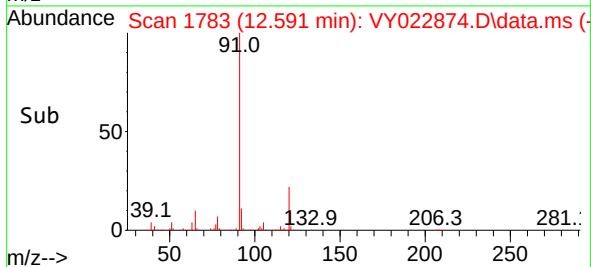
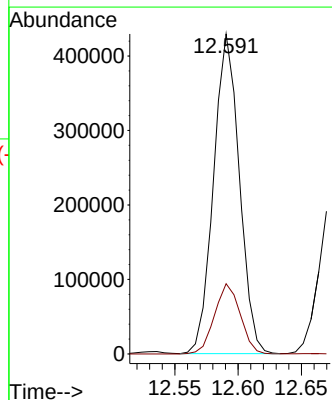
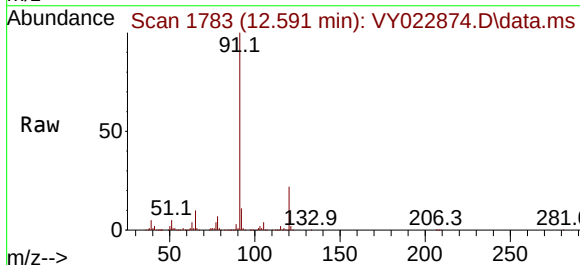
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

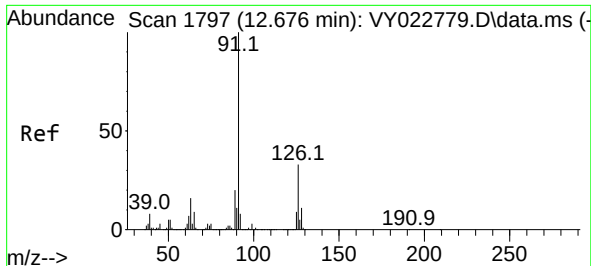
Tgt Ion:156 Resp: 105166  
Ion Ratio Lower Upper  
156 100  
77 190.8 94.0 282.1  
158 96.0 48.2 144.6



#78  
n-propylbenzene  
Concen: 21.394 ug/l  
RT: 12.591 min Scan# 1783  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 91 Resp: 607697  
Ion Ratio Lower Upper  
91 100  
120 21.9 10.8 32.4

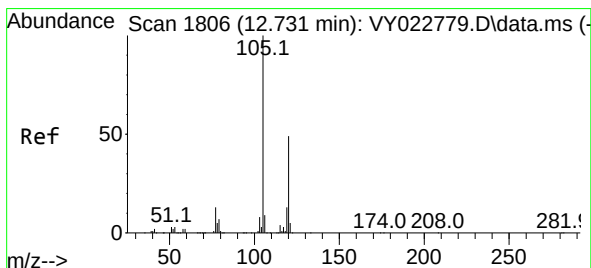
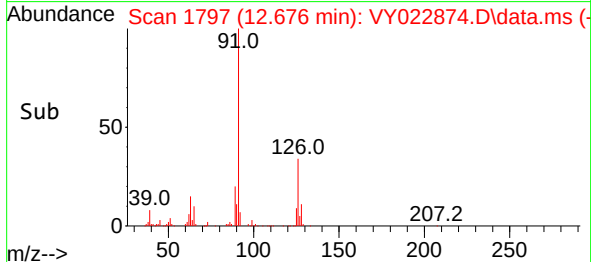
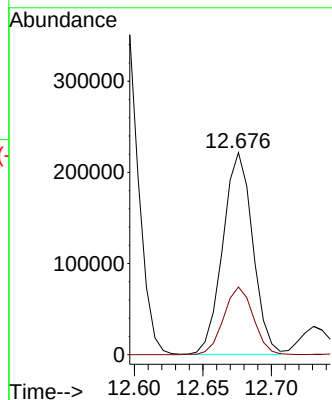
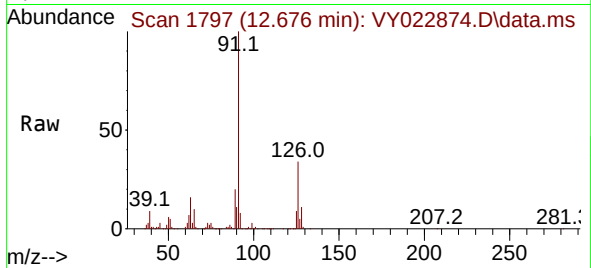




#79  
2-Chlorotoluene  
Concen: 21.001 ug/l  
RT: 12.676 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

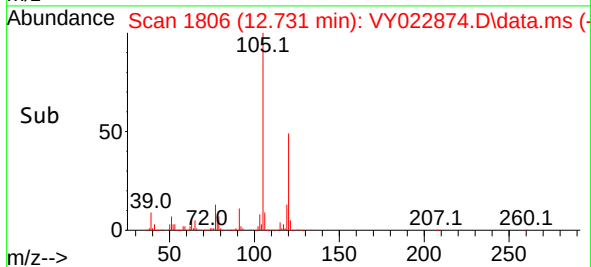
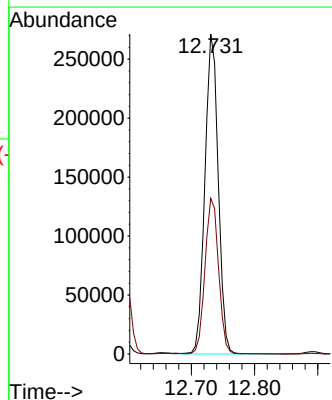
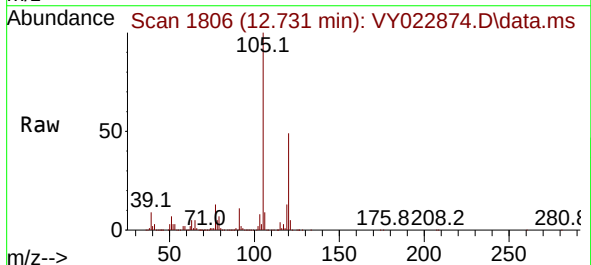
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

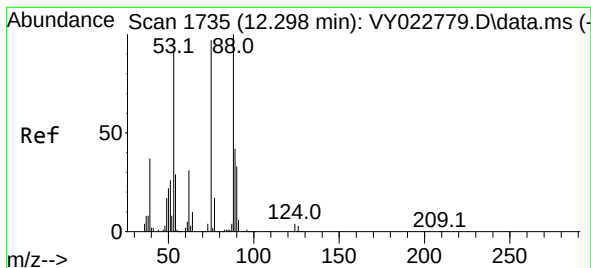
Tgt Ion: 91 Resp: 337030  
Ion Ratio Lower Upper  
91 100  
126 33.2 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 20.970 ug/l  
RT: 12.731 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 105 Resp: 398274  
Ion Ratio Lower Upper  
105 100  
120 49.3 24.1 72.4

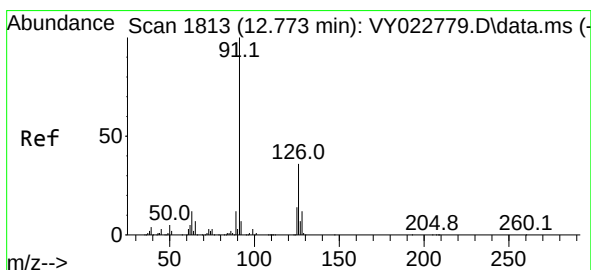
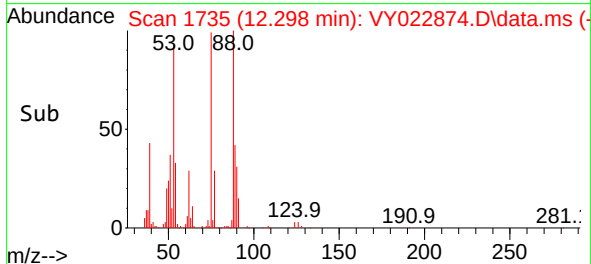
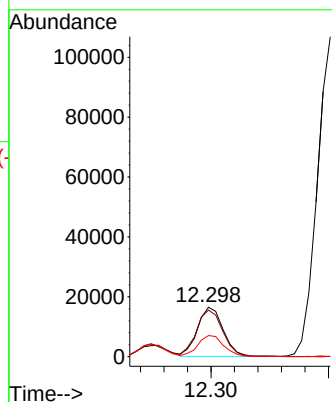
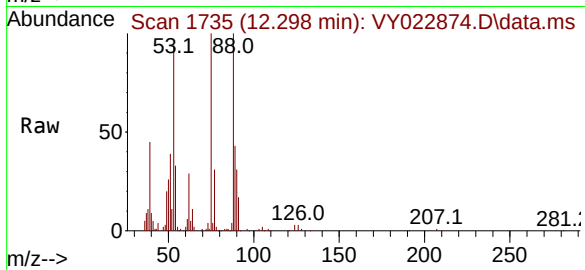




#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.393 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

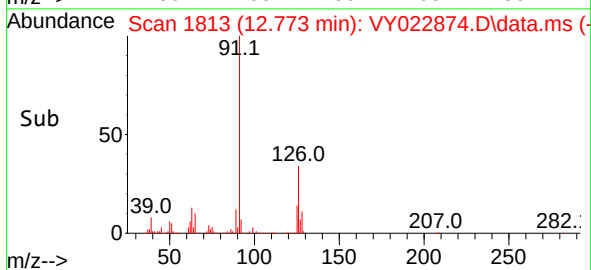
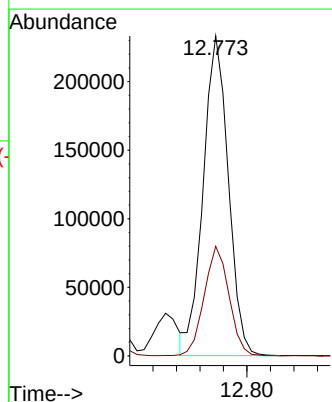
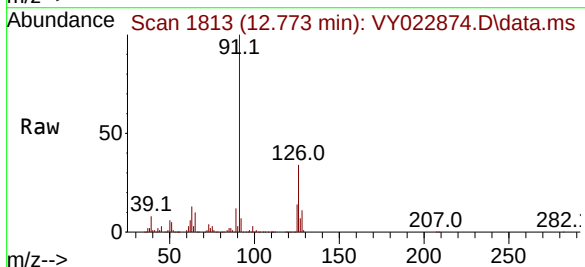
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

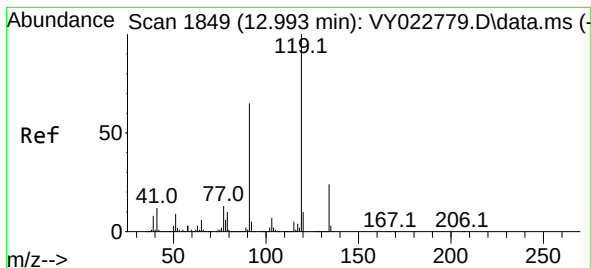
Tgt Ion: 75 Resp: 24930  
Ion Ratio Lower Upper  
75 100  
53 98.5 78.5 117.7  
89 44.1 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 20.553 ug/l  
RT: 12.773 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 91 Resp: 346461  
Ion Ratio Lower Upper  
91 100  
126 34.1 17.0 50.9





#83

tert-Butylbenzene

Concen: 21.092 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

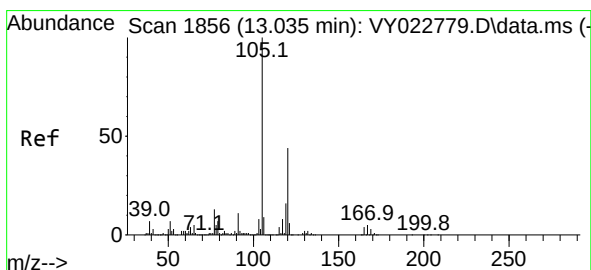
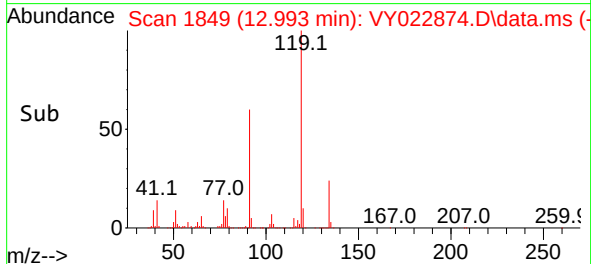
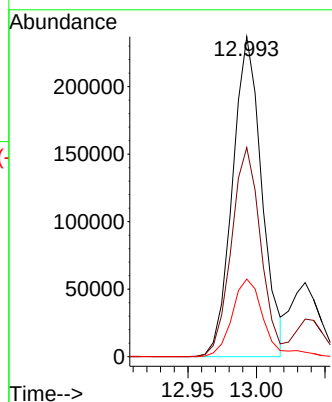
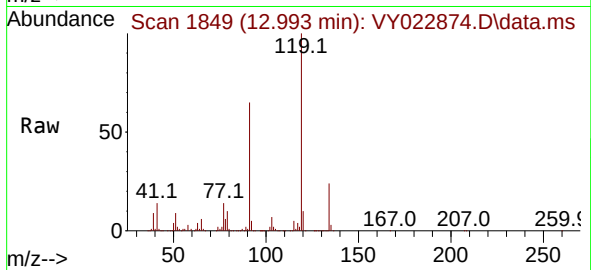
Tgt Ion:119 Resp: 353292

Ion Ratio Lower Upper

119 100

91 65.1 32.1 96.3

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.856 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY022874.D

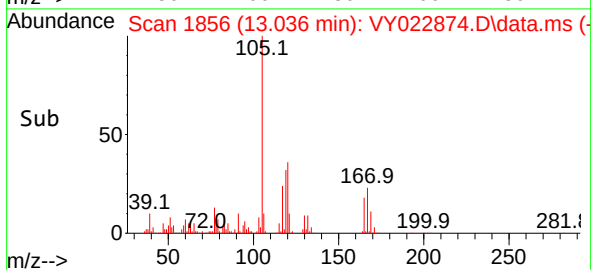
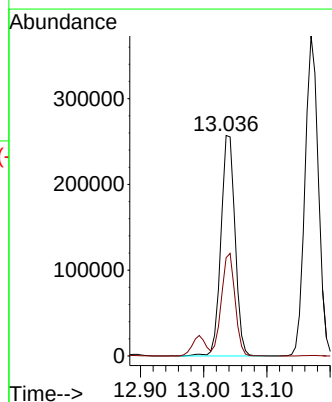
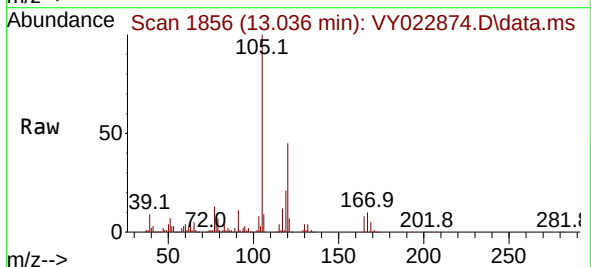
Acq: 30 Jun 2025 12:09

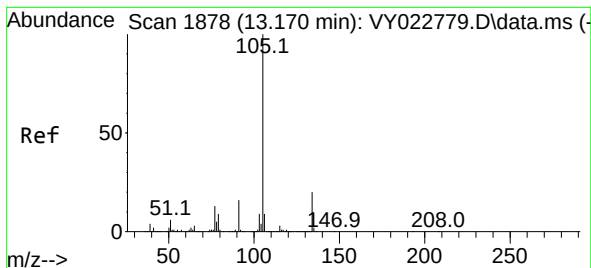
Tgt Ion:105 Resp: 396586

Ion Ratio Lower Upper

105 100

120 44.8 22.7 68.1





#85

sec-Butylbenzene

Concen: 21.617 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

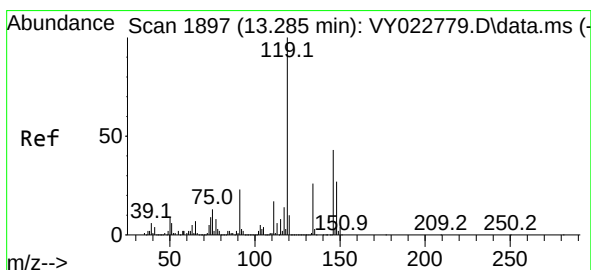
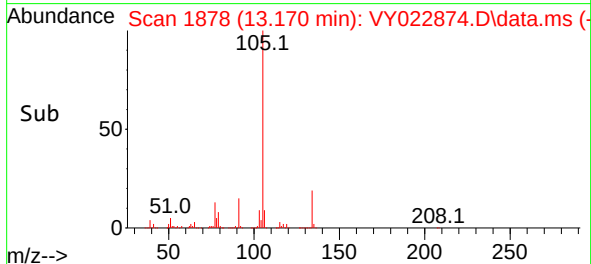
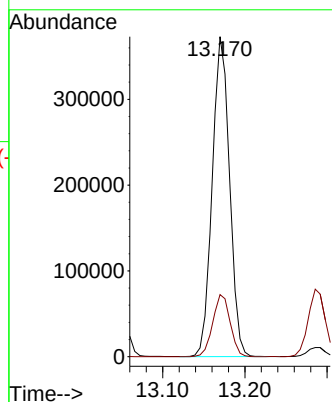
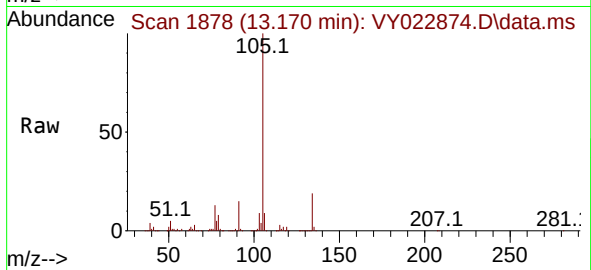
VY0630SBS01

Tgt Ion:105 Resp: 544778

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.143 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

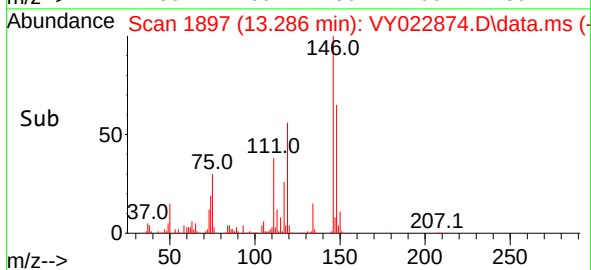
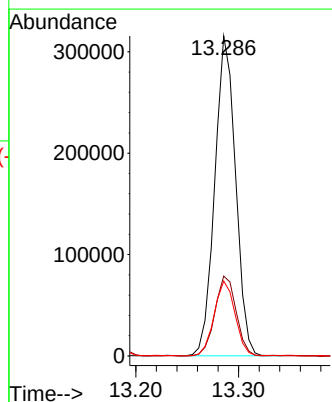
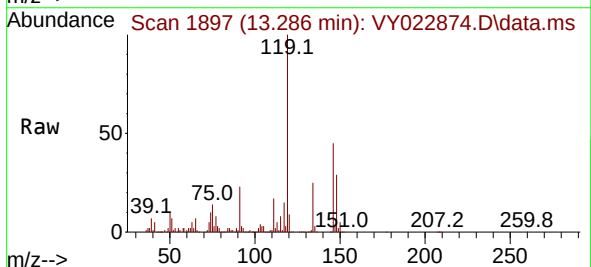
Tgt Ion:119 Resp: 443417

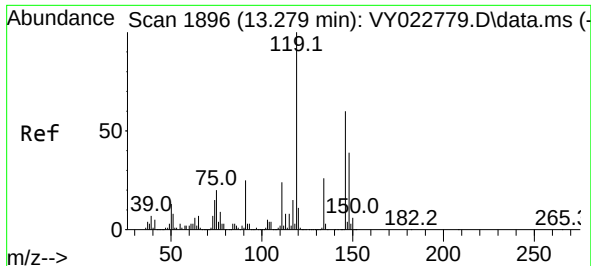
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 23.4 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 20.321 ug/l

RT: 13.286 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

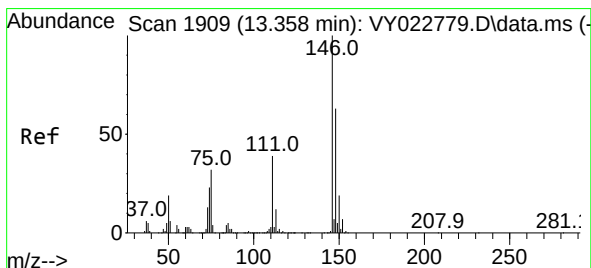
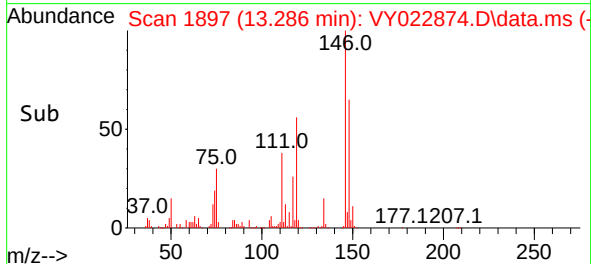
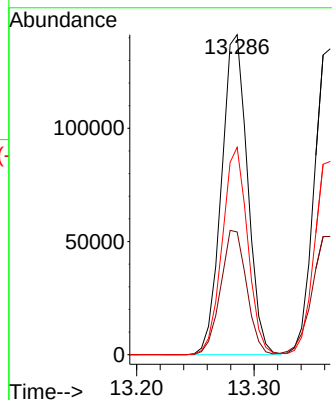
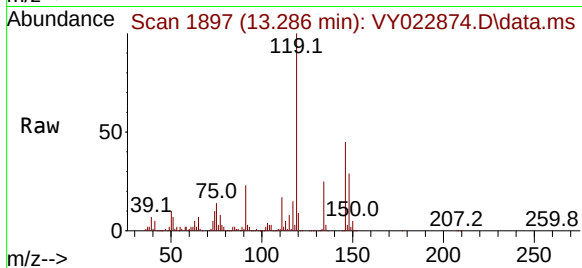
Tgt Ion:146 Resp: 217638

Ion Ratio Lower Upper

146 100

111 38.9 20.1 60.2

148 63.3 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 20.080 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

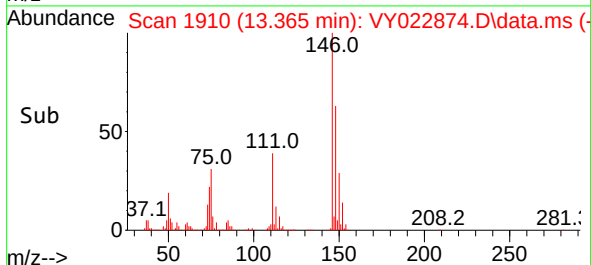
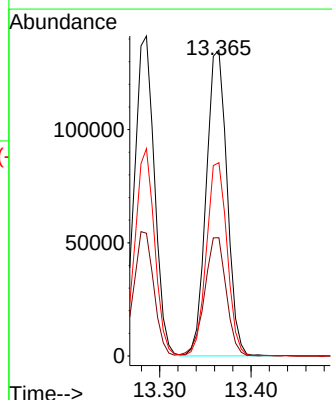
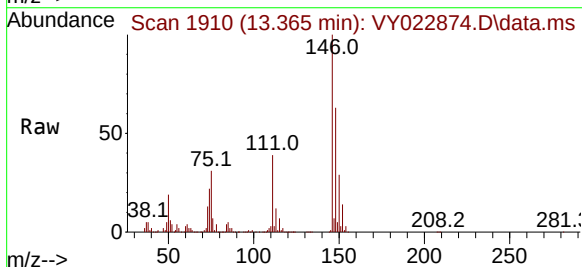
Tgt Ion:146 Resp: 213622

Ion Ratio Lower Upper

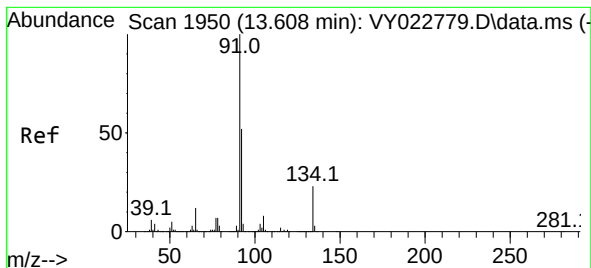
146 100

111 40.2 19.4 58.2

148 62.5 31.6 94.8







#89

n-Butylbenzene

Concen: 21.353 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

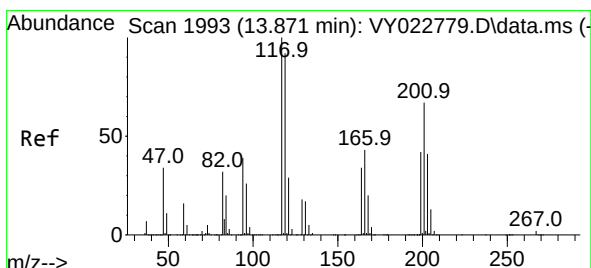
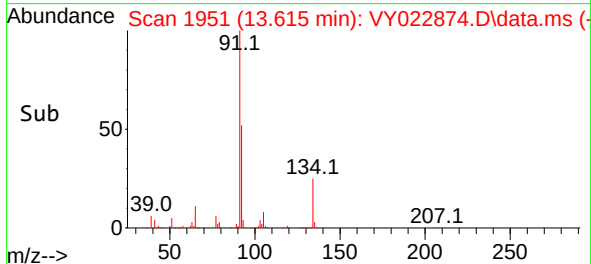
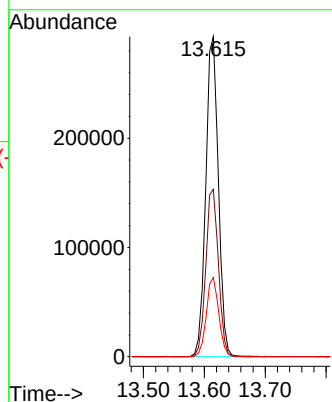
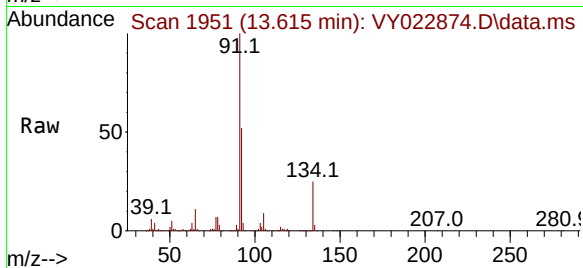
Tgt Ion: 91 Resp: 421238

Ion Ratio Lower Upper

91 100

92 52.6 25.9 77.8

134 24.5 12.0 36.1



#90

Hexachloroethane

Concen: 21.488 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022874.D

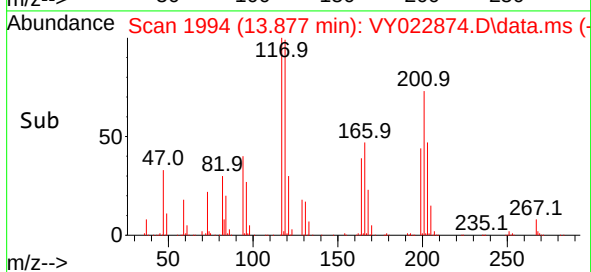
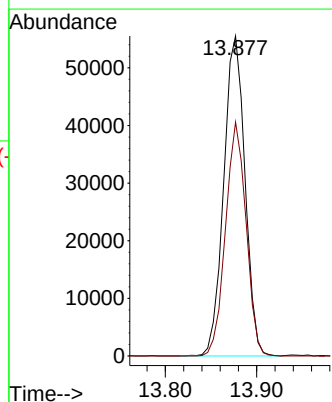
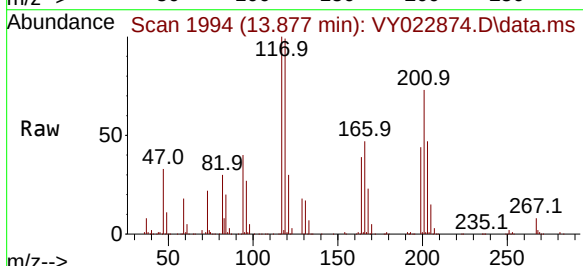
Acq: 30 Jun 2025 12:09

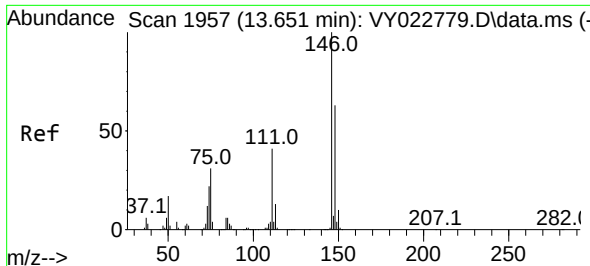
Tgt Ion: 117 Resp: 89754

Ion Ratio Lower Upper

117 100

201 70.6 34.0 102.0

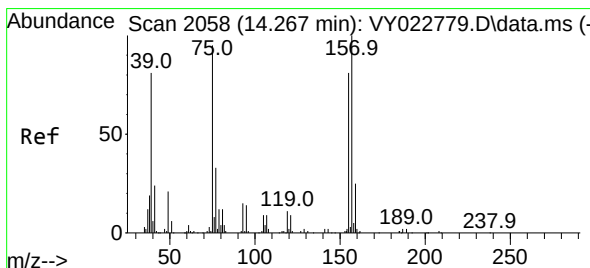
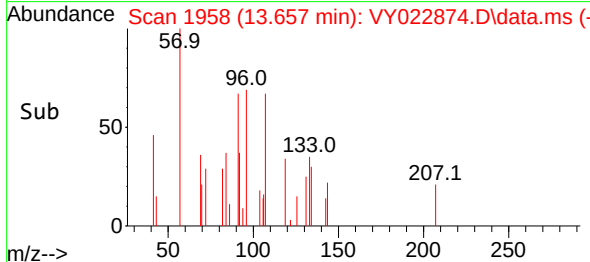
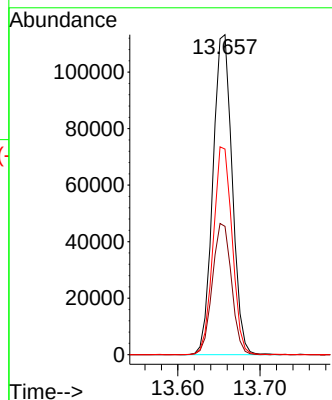
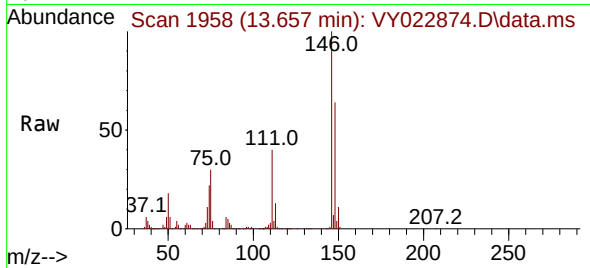




#91  
1,2-Dichlorobenzene  
Concen: 19.499 ug/l  
RT: 13.657 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

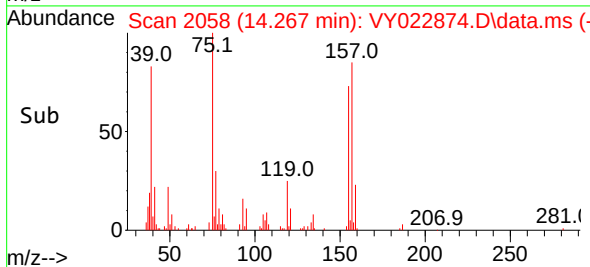
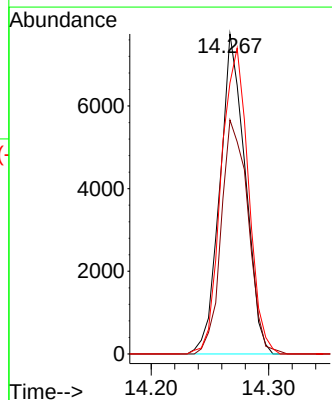
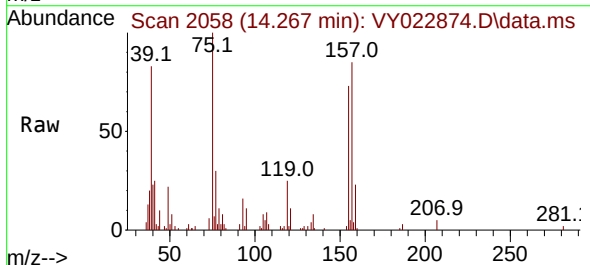
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0630SBS01

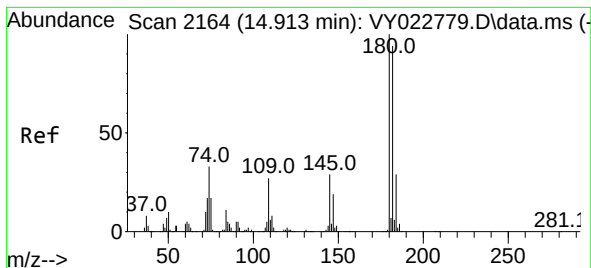
Tgt Ion:146 Resp: 184038  
Ion Ratio Lower Upper  
146 100  
111 40.7 20.2 60.6  
148 63.7 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 18.034 ug/l  
RT: 14.267 min Scan# 2058  
Delta R.T. -0.006 min  
Lab File: VY022874.D  
Acq: 30 Jun 2025 12:09

Tgt Ion: 75 Resp: 11596  
Ion Ratio Lower Upper  
75 100  
155 77.6 39.9 119.6  
157 102.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 19.645 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

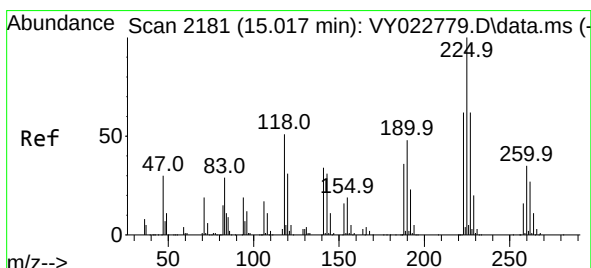
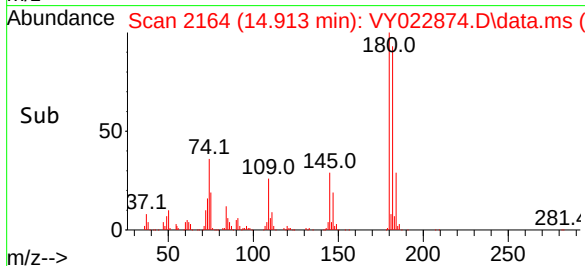
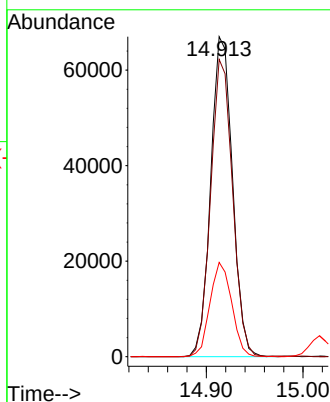
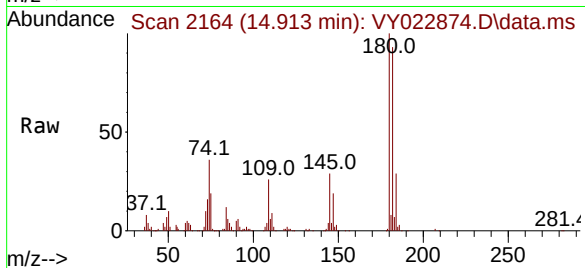
Tgt Ion:180 Resp: 104685

Ion Ratio Lower Upper

180 100

182 93.3 48.4 145.3

145 29.5 15.5 46.5



#94

Hexachlorobutadiene

Concen: 20.410 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

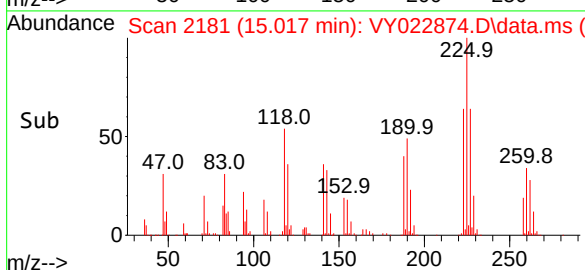
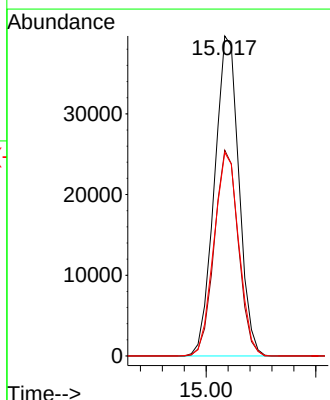
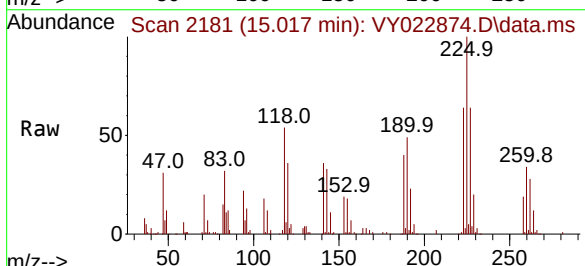
Tgt Ion:225 Resp: 61502

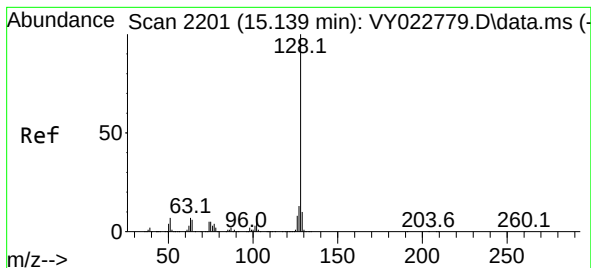
Ion Ratio Lower Upper

225 100

223 62.9 32.5 97.4

227 64.5 32.3 96.9





#95

Naphthalene

Concen: 17.104 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Instrument :

MSVOA\_Y

ClientSampleId :

VY0630SBS01

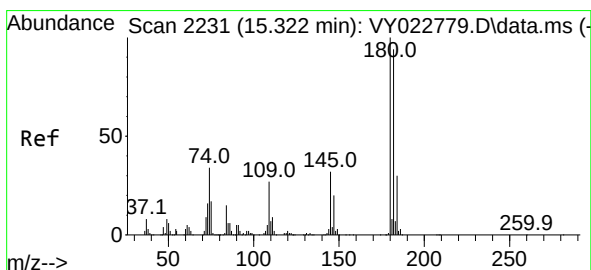
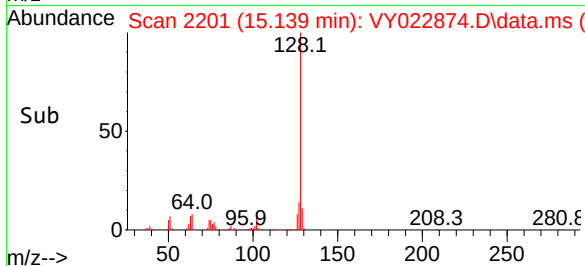
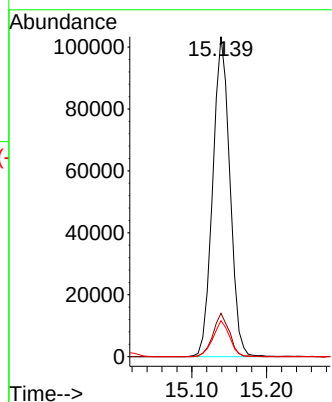
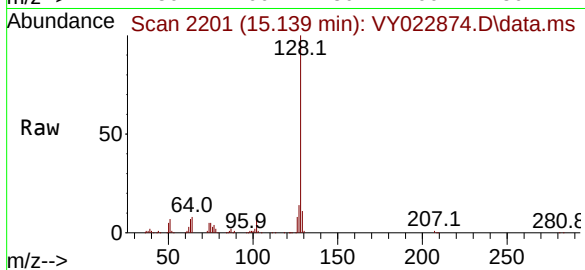
Tgt Ion:128 Resp: 164827

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 18.965 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022874.D

Acq: 30 Jun 2025 12:09

Tgt Ion:180 Resp: 87329

Ion Ratio Lower Upper

180 100

182 92.1 47.1 141.3

145 31.8 15.2 45.6

