

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032125\  
 Data File : VY021608.D  
 Acq On : 21 Mar 2025 18:32  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Mar 21 23:13:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.713  | 168  | 165468   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.615  | 114  | 268727   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 247363   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.346 | 152  | 132617   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 100097   | 57.234   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 114.460% |      |
| 35) Dibromofluoromethane    | 7.634  | 113   | 96767    | 54.783   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 109.560% |      |
| 50) Toluene-d8              | 10.109 | 98    | 346755   | 51.847   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | = 103.700% |      |
| 62) 4-Bromofluorobenzene    | 12.407 | 95    | 123213   | 54.159   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | = 108.320% |      |

|                              |       |     |        |         |      |     |
|------------------------------|-------|-----|--------|---------|------|-----|
| Target Compounds             |       |     |        | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 65926  | 43.417  | ug/l | 100 |
| 3) Chloromethane             | 2.068 | 50  | 105398 | 49.233  | ug/l | 99  |
| 4) Vinyl Chloride            | 2.202 | 62  | 123461 | 52.773  | ug/l | 97  |
| 5) Bromomethane              | 2.592 | 94  | 85045  | 50.298  | ug/l | 99  |
| 6) Chloroethane              | 2.732 | 64  | 88880  | 57.489  | ug/l | 97  |
| 7) Trichlorofluoromethane    | 3.055 | 101 | 171011 | 52.371  | ug/l | 99  |
| 8) Diethyl Ether             | 3.458 | 74  | 50019  | 55.274  | ug/l | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 3.811 | 101 | 94877  | 50.891  | ug/l | 99  |
| 10) Methyl Iodide            | 4.006 | 142 | 106395 | 56.142  | ug/l | 99  |
| 11) Tert butyl alcohol       | 4.854 | 59  | 31299  | 277.757 | ug/l | 98  |
| 12) 1,1-Dichloroethene       | 3.793 | 96  | 86460  | 50.867  | ug/l | 92  |
| 13) Acrolein                 | 3.653 | 56  | 3385   | 38.053  | ug/l | 91  |
| 14) Allyl chloride           | 4.384 | 41  | 144021 | 52.432  | ug/l | 100 |
| 15) Acrylonitrile            | 5.061 | 53  | 117855 | 305.943 | ug/l | 98  |
| 16) Acetone                  | 3.866 | 43  | 86773  | 227.482 | ug/l | 97  |
| 17) Carbon Disulfide         | 4.104 | 76  | 250144 | 46.959  | ug/l | 99  |
| 18) Methyl Acetate           | 4.384 | 43  | 68846  | 81.343  | ug/l | 98  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 249340 | 57.878  | ug/l | 96  |
| 20) Methylene Chloride       | 4.616 | 84  | 106804 | 53.340  | ug/l | 96  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 101130 | 53.127  | ug/l | 99  |
| 22) Diisopropyl ether        | 6.018 | 45  | 357318 | 60.361  | ug/l | 97  |
| 23) Vinyl Acetate            | 5.963 | 43  | 939968 | 278.230 | ug/l | 99  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 198056 | 56.688  | ug/l | 99  |
| 25) 2-Butanone               | 6.896 | 43  | 144091 | 273.075 | ug/l | 99  |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 143110 | 44.518  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 123050 | 56.902  | ug/l | 97  |
| 28) Bromochloromethane       | 7.244 | 49  | 89233  | 60.921  | ug/l | 100 |
| 29) Tetrahydrofuran          | 7.262 | 42  | 98893  | 303.584 | ug/l | 99  |
| 30) Chloroform               | 7.420 | 83  | 213290 | 58.791  | ug/l | 98  |
| 31) Cyclohexane              | 7.707 | 56  | 151769 | 46.336  | ug/l | 97  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 180118 | 54.222  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 136952 | 49.532  | ug/l | 100 |
| 37) Ethyl Acetate            | 6.982 | 43  | 67653  | 55.359  | ug/l | 98  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 159831 | 50.263  | ug/l | 97  |
| 39) Methylcyclohexane        | 9.109 | 83  | 159491 | 47.026  | ug/l | 99  |
| 40) Benzene                  | 8.079 | 78  | 442305 | 54.304  | ug/l | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032125\  
 Data File : VY021608.D  
 Acq On : 21 Mar 2025 18:32  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050EC

Quant Time: Mar 21 23:13:28 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 05 12:42:45 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.225  | 41   | 35592    | 53.488   | ug/l # | 94       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 130175   | 57.130   | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 131585   | 55.466   | ug/l # | 88       |
| 44) Trichloroethene           | 8.865  | 130  | 107533   | 52.246   | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 111214   | 57.371   | ug/l   | 99       |
| 46) Dibromomethane            | 9.231  | 93   | 61800    | 57.297   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.426  | 83   | 165401   | 57.744   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.219  | 41   | 63529    | 58.317   | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 12980    | 1226.058 | ug/l   | 92       |
| 51) 4-Methyl-2-Pentanone      | 9.999  | 43   | 366300   | 299.252  | ug/l   | 100      |
| 52) Toluene                   | 10.170 | 92   | 282414   | 54.998   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 138585   | 54.916   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 9.859  | 75   | 164523   | 54.911   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.572 | 97   | 81645    | 57.867   | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 107575   | 59.783   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 141158   | 57.725   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 282587   | 340.199  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.761 | 43   | 238786   | 295.026  | ug/l   | 100      |
| 60) Dibromochloromethane      | 10.914 | 129  | 113230   | 58.539   | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.017 | 107  | 76177    | 57.207   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 114323   | 56.836   | ug/l   | 98       |
| 65) Chlorobenzene             | 11.444 | 112  | 311722   | 53.365   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.517 | 131  | 113606   | 55.009   | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.517 | 91   | 539719   | 52.641   | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.627 | 106  | 413446   | 106.217  | ug/l   | 100      |
| 69) o-Xylene                  | 11.956 | 106  | 196472   | 54.767   | ug/l   | 98       |
| 70) Styrene                   | 11.968 | 104  | 340176   | 57.159   | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 65116    | 56.403   | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.255 | 105  | 515223   | 49.320   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.072 | 43   | 115322   | 50.831   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 92604    | 50.234   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 70820m   | 52.995   | ug/l   |          |
| 77) Bromobenzene              | 12.529 | 156  | 123594   | 50.571   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.596 | 91   | 620007   | 48.869   | ug/l   | 100      |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 365543   | 50.389   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 428203   | 50.439   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 26511    | 45.098   | ug/l   | 100      |
| 82) 4-Chlorotoluene           | 12.779 | 91   | 376441   | 50.111   | ug/l   | 100      |
| 83) tert-Butylbenzene         | 12.999 | 119  | 376824   | 49.756   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.041 | 105  | 429689   | 50.977   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 556991   | 49.430   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.291 | 119  | 465053   | 50.096   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.285 | 146  | 244436   | 50.245   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 238696   | 50.170   | ug/l   | 100      |
| 89) n-Butylbenzene            | 13.621 | 91   | 425141   | 49.595   | ug/l   | 100      |
| 90) Hexachloroethane          | 13.883 | 117  | 98721    | 49.848   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 219610   | 52.669   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 14175    | 51.332   | ug/l   | 94       |
| 93) 1,2,4-Trichlorobenzene    | 14.925 | 180  | 116078   | 50.969   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 72273    | 50.625   | ug/l   | 100      |
| 95) Naphthalene               | 15.145 | 128  | 199427   | 51.600   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 100593   | 52.517   | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY032125\  
Data File : VY021608.D  
Acq On : 21 Mar 2025 18:32  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 21 Sample Multiplier: 1

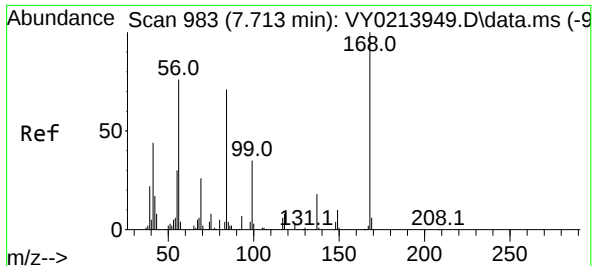
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Mar 21 23:13:28 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y030425S.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 05 12:42:45 2025  
Response via : Initial Calibration

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

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

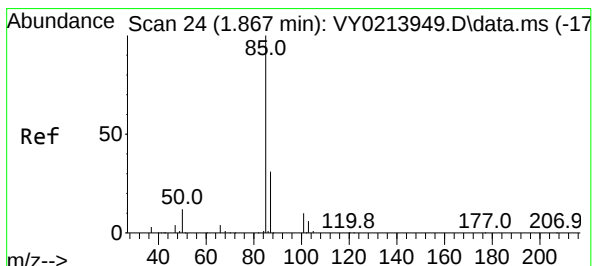
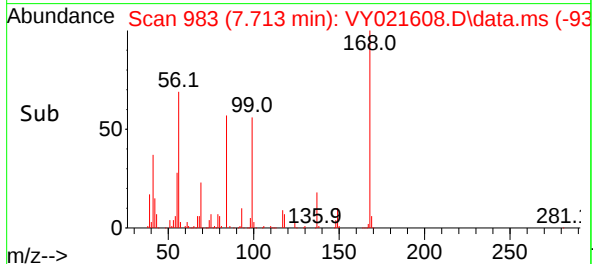
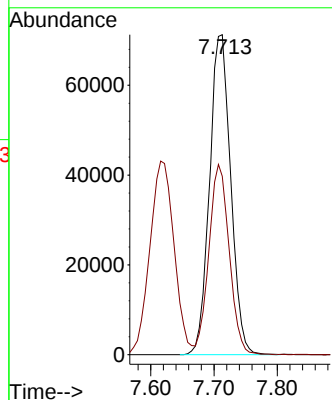
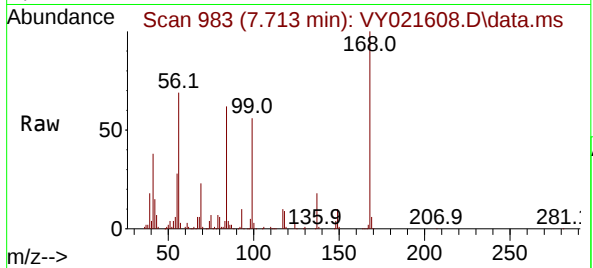




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.713 min Scan# 9  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

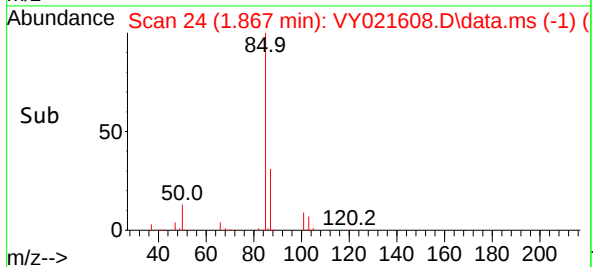
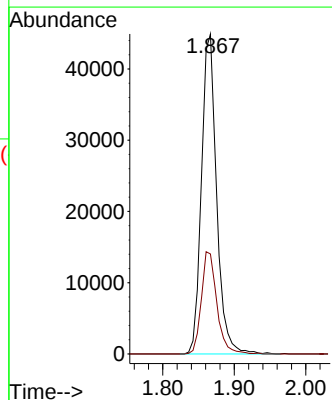
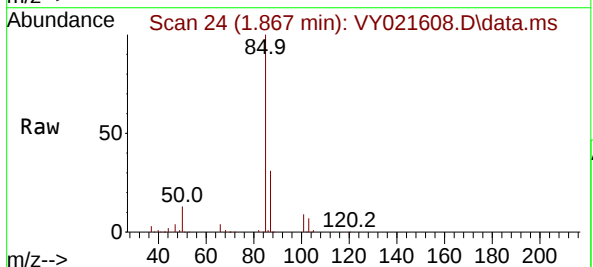
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:168 Resp: 165468  
Ion Ratio Lower Upper  
168 100  
99 55.7 46.0 69.0



#2  
Dichlorodifluoromethane  
Concen: 43.417 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 85 Resp: 65926  
Ion Ratio Lower Upper  
85 100  
87 31.3 15.7 47.0

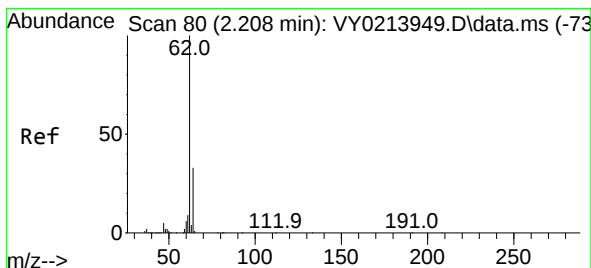
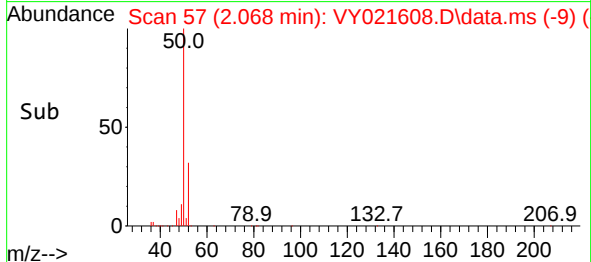
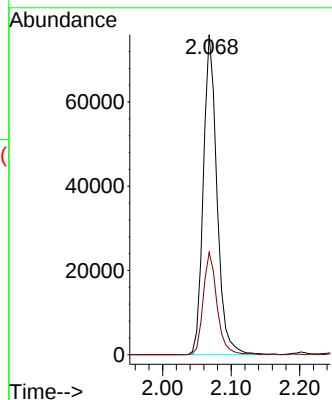
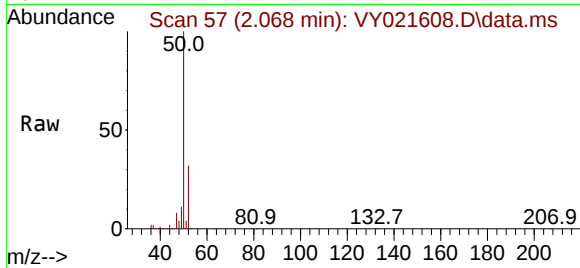




#3  
Chloromethane  
Concen: 49.233 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

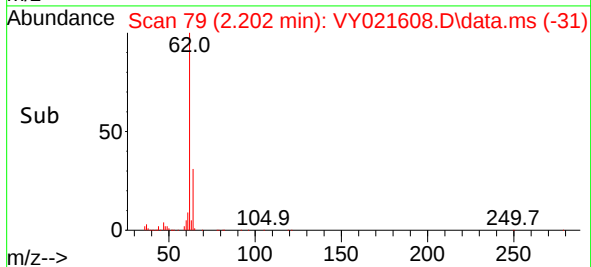
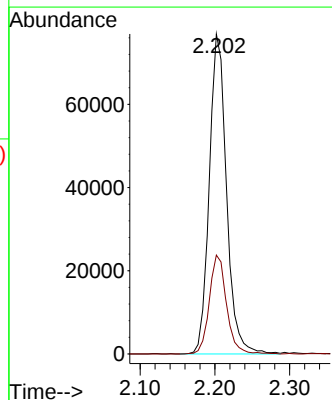
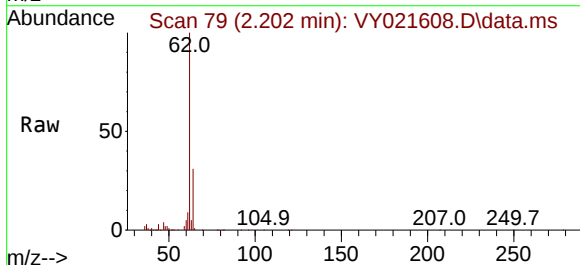
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

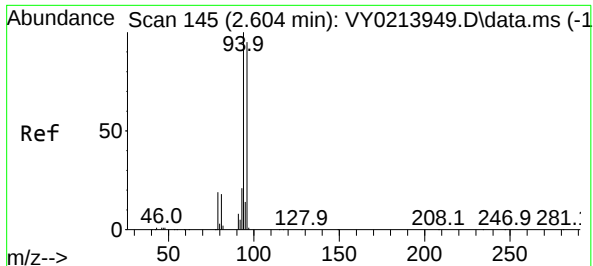
Tgt Ion: 50 Resp: 105398  
Ion Ratio Lower Upper  
50 100  
52 31.9 26.2 39.2



#4  
Vinyl Chloride  
Concen: 52.773 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 62 Resp: 123461  
Ion Ratio Lower Upper  
62 100  
64 30.9 26.2 39.2

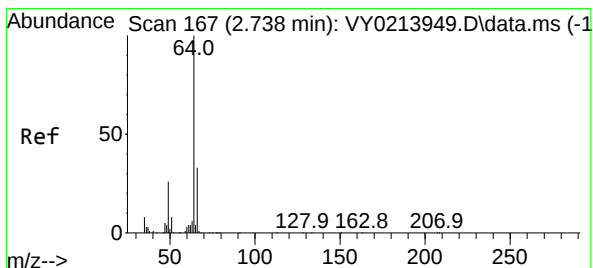
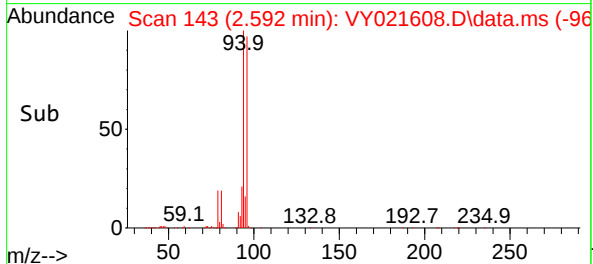
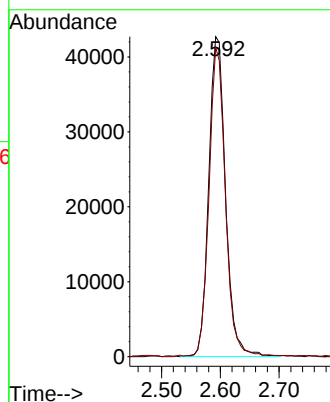
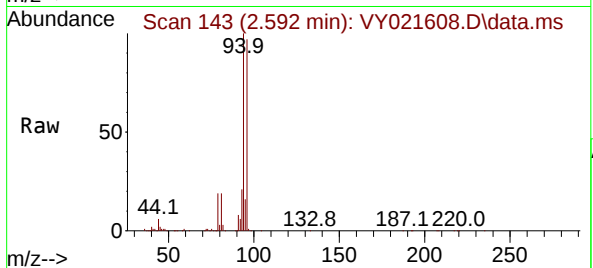




#5  
Bromomethane  
Concen: 50.298 ug/l  
RT: 2.592 min Scan# 145  
Delta R.T. -0.012 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

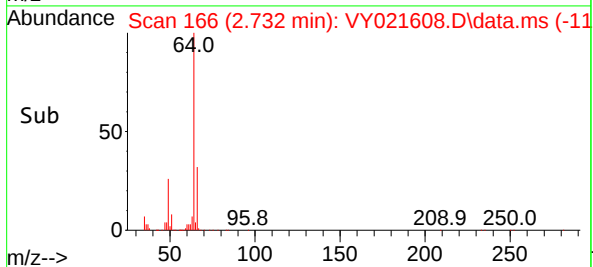
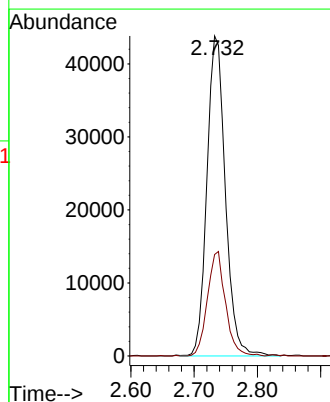
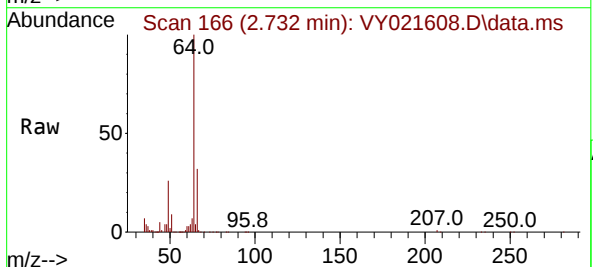
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

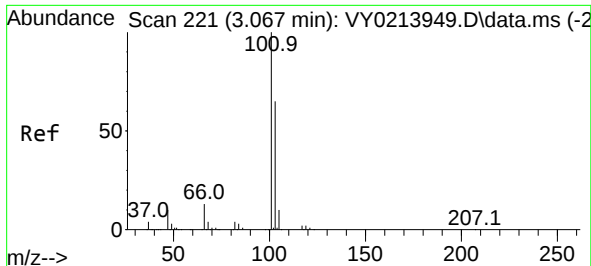
Tgt Ion: 94 Resp: 85045  
Ion Ratio Lower Upper  
94 100  
96 96.2 76.3 114.5



#6  
Chloroethane  
Concen: 57.489 ug/l  
RT: 2.732 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 64 Resp: 88880  
Ion Ratio Lower Upper  
64 100  
66 31.7 26.7 40.1

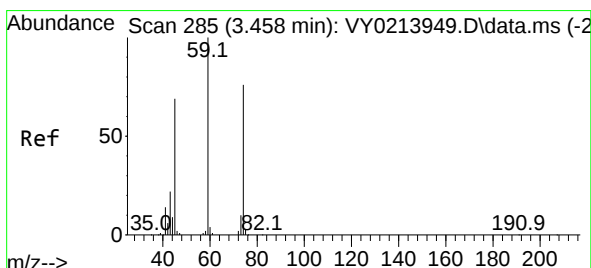
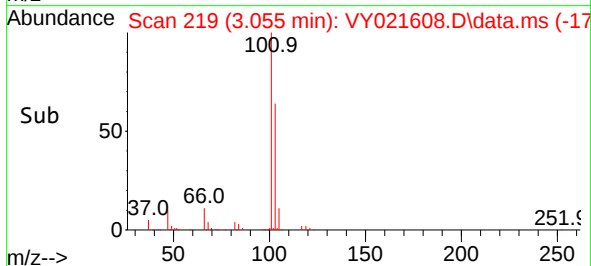
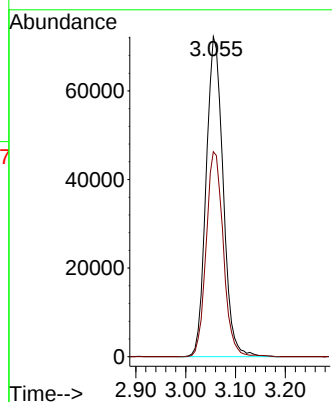
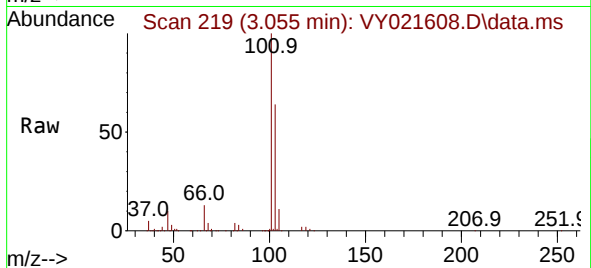




#7  
 Trichlorofluoromethane  
 Concen: 52.371 ug/l  
 RT: 3.055 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

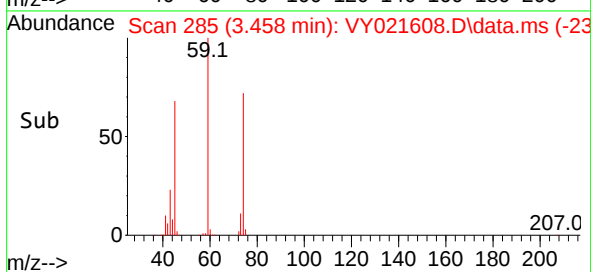
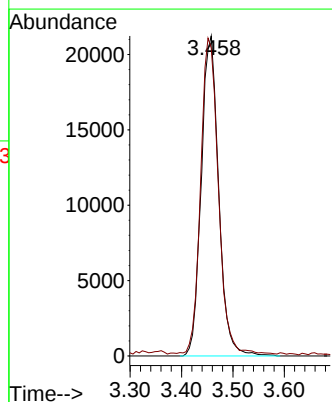
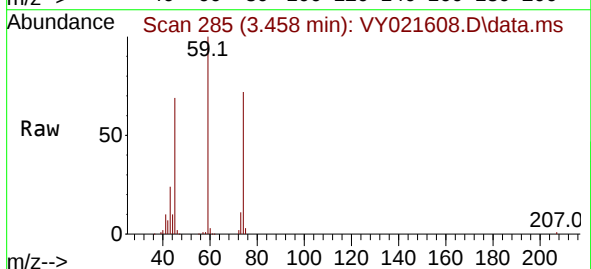
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

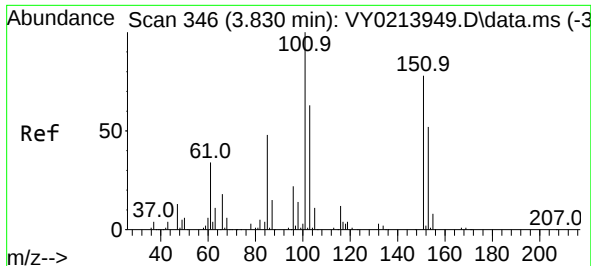
Tgt Ion:101 Resp: 171011  
 Ion Ratio Lower Upper  
 101 100  
 103 64.1 51.7 77.5



#8  
 Diethyl Ether  
 Concen: 55.274 ug/l  
 RT: 3.458 min Scan# 285  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 74 Resp: 50019  
 Ion Ratio Lower Upper  
 74 100  
 45 100.1 49.7 149.1

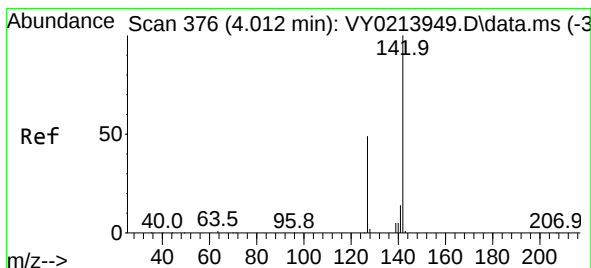
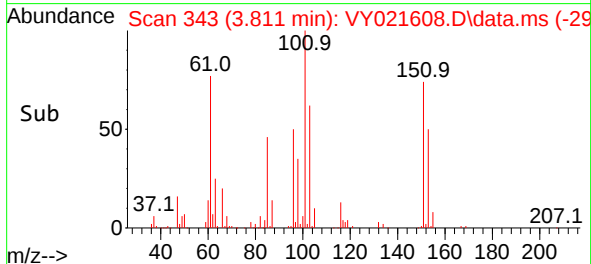
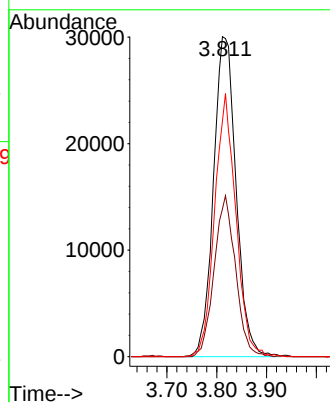
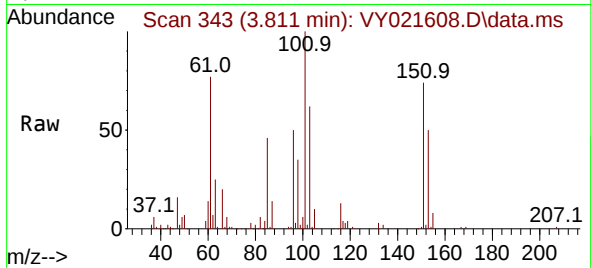




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 50.891 ug/l  
RT: 3.811 min Scan# 34  
Delta R.T. -0.019 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

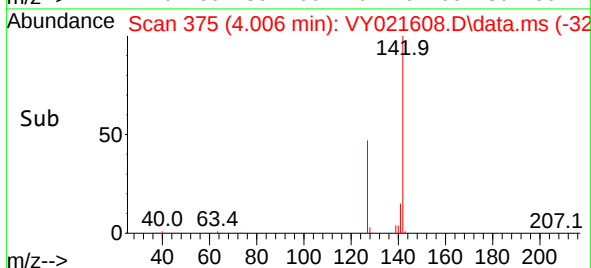
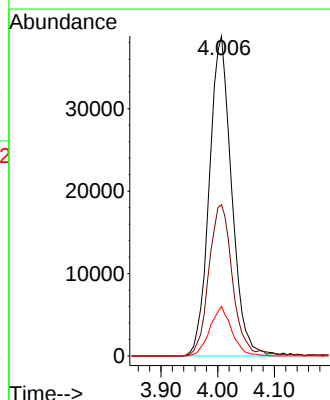
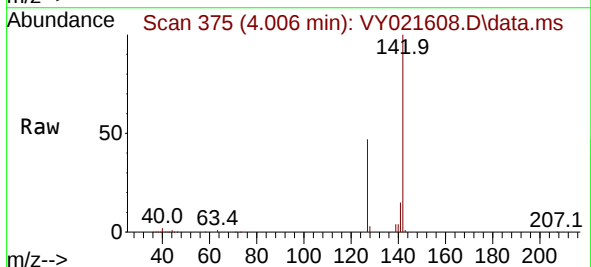
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

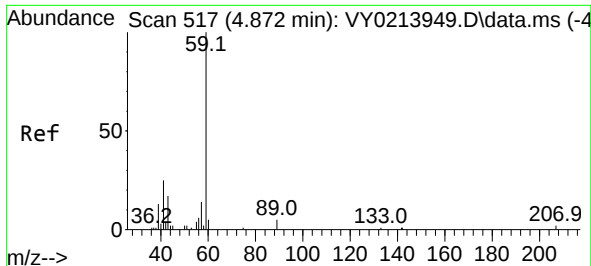
Tgt Ion:101 Resp: 94877  
Ion Ratio Lower Upper  
101 100  
85 47.4 37.1 55.7  
151 77.1 62.1 93.1



#10  
Methyl Iodide  
Concen: 56.142 ug/l  
RT: 4.006 min Scan# 375  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion:142 Resp: 106395  
Ion Ratio Lower Upper  
142 100  
127 49.8 39.1 58.7  
141 15.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 277.757 ug/l

RT: 4.854 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

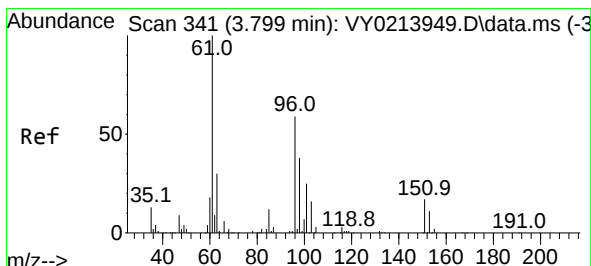
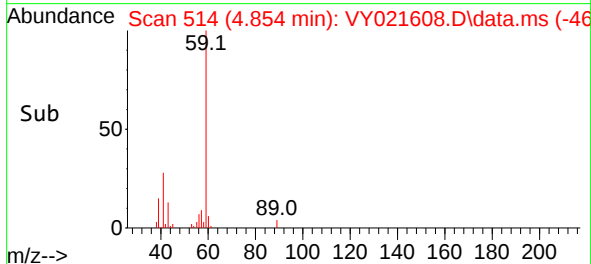
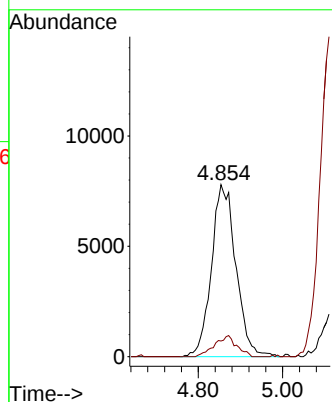
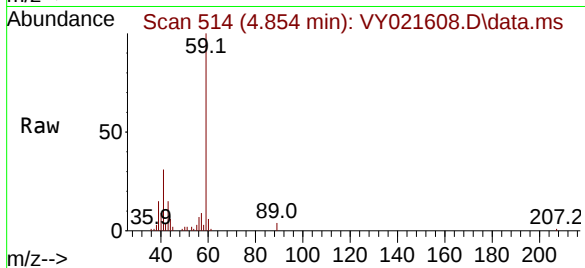
VSTDCCC050EC

Tgt Ion: 59 Resp: 31299

Ion Ratio Lower Upper

59 100

57 11.1 8.2 12.4



#12

1,1-Dichloroethene

Concen: 50.867 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

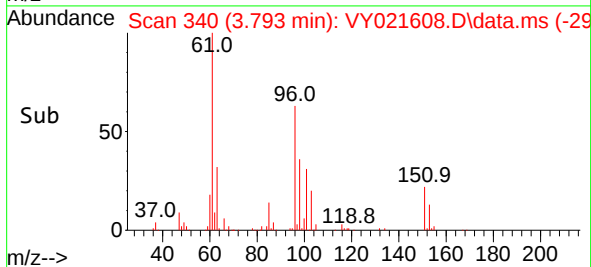
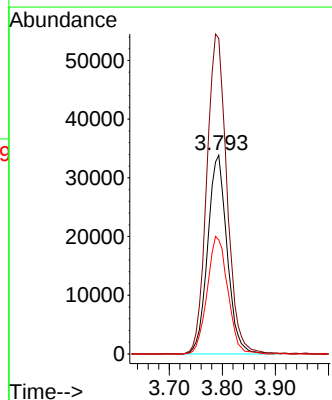
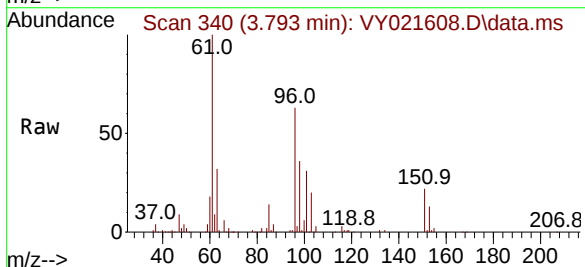
Tgt Ion: 96 Resp: 86460

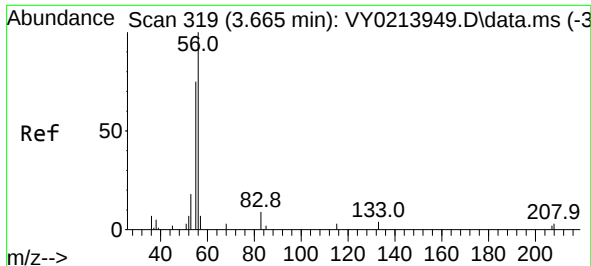
Ion Ratio Lower Upper

96 100

61 158.7 135.2 202.8

98 57.4 51.4 77.2

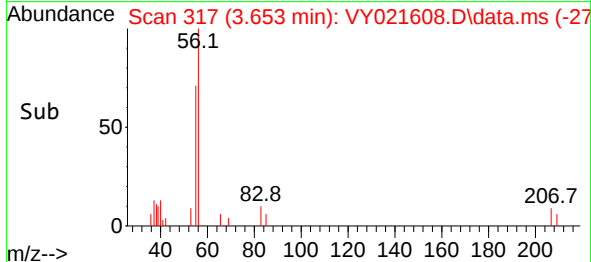
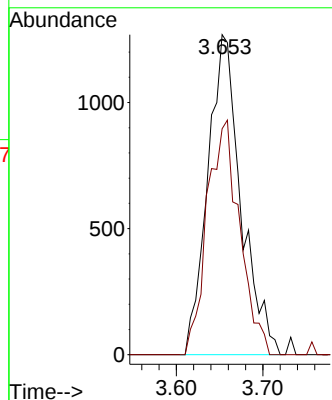
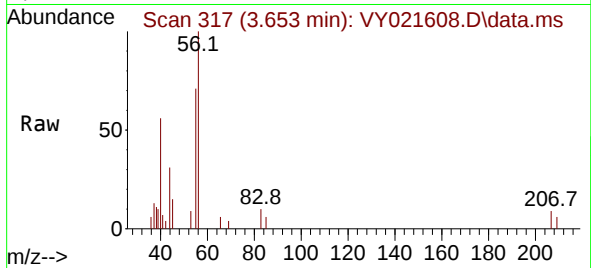




#13  
Acrolein  
Concen: 38.053 ug/l  
RT: 3.653 min Scan# 317  
Delta R.T. -0.012 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

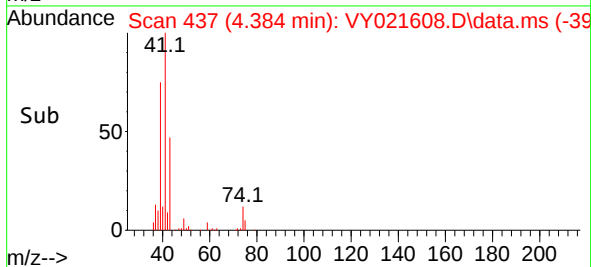
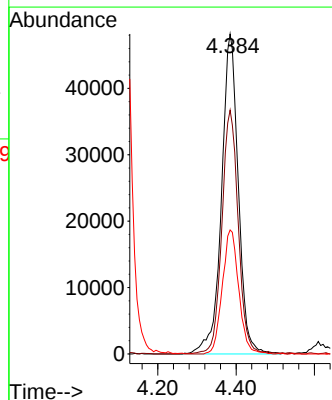
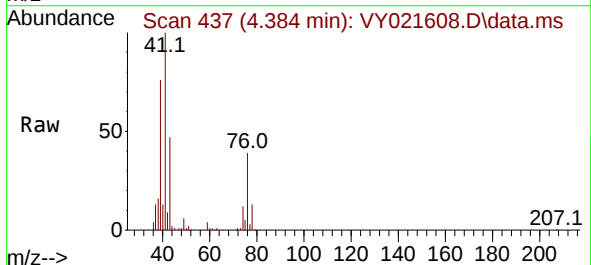
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

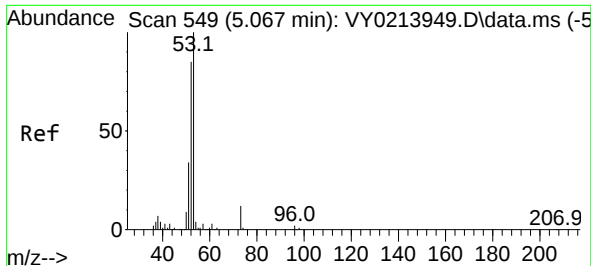
Tgt Ion: 56 Resp: 3385  
Ion Ratio Lower Upper  
56 100  
55 71.7 63.4 95.2



#14  
Allyl chloride  
Concen: 52.432 ug/l  
RT: 4.384 min Scan# 437  
Delta R.T. -0.012 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 41 Resp: 144021  
Ion Ratio Lower Upper  
41 100  
39 74.3 59.3 88.9  
76 37.8 29.8 44.8

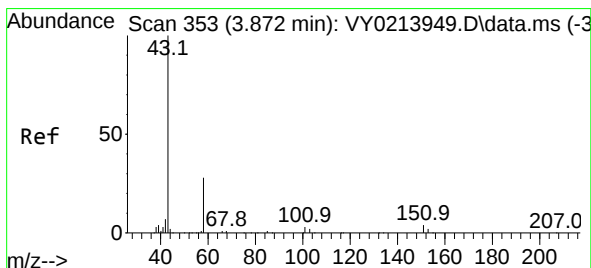
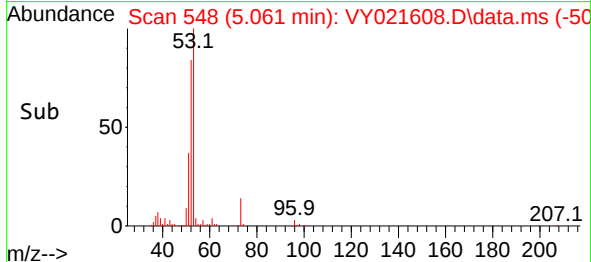
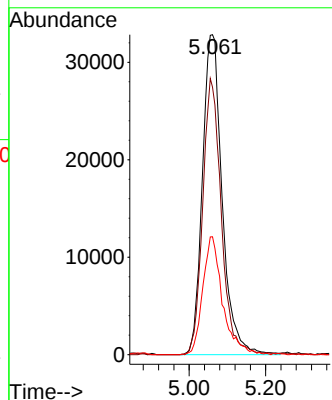
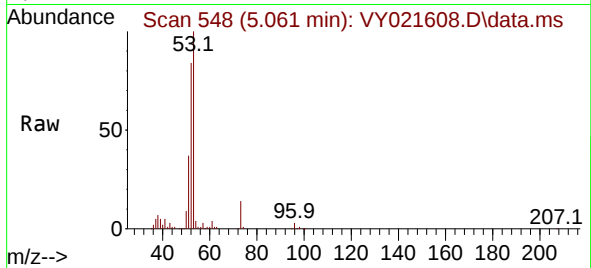




#15  
Acrylonitrile  
Concen: 305.943 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

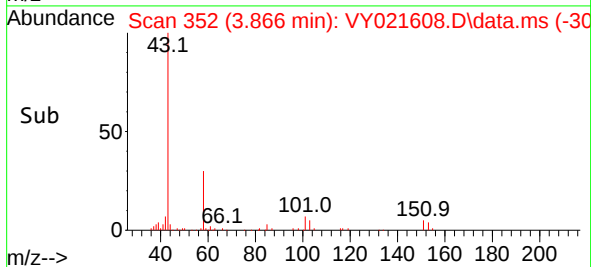
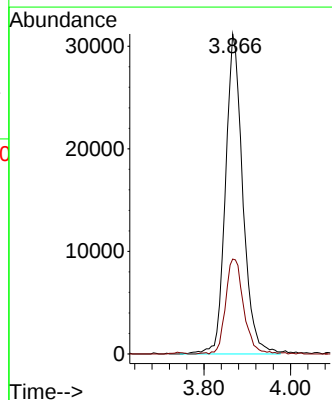
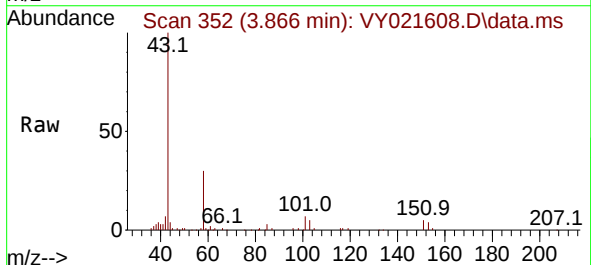
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

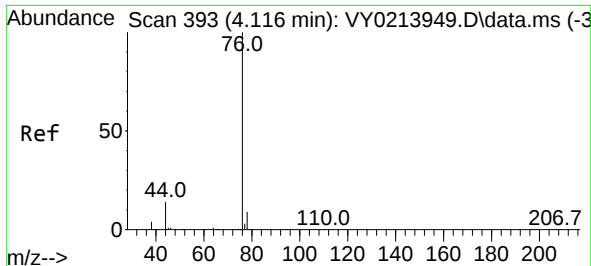
Tgt Ion: 53 Resp: 117855  
Ion Ratio Lower Upper  
53 100  
52 81.1 66.3 99.5  
51 37.1 30.3 45.5



#16  
Acetone  
Concen: 227.482 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 86773  
Ion Ratio Lower Upper  
43 100  
58 29.3 22.1 33.1

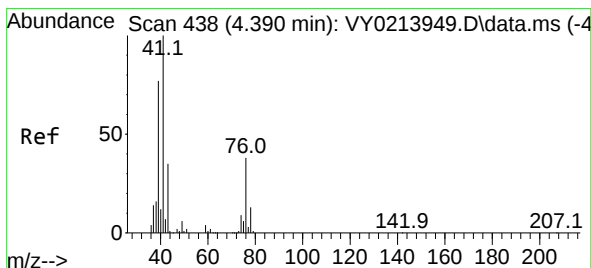
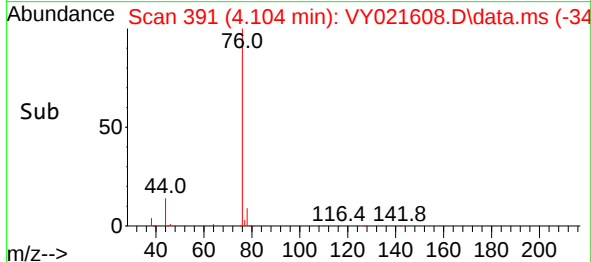
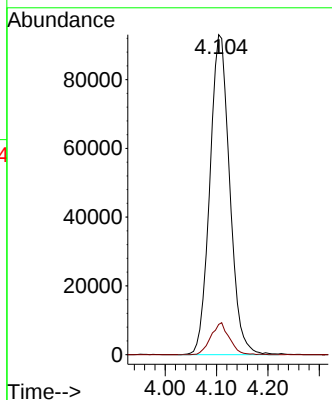
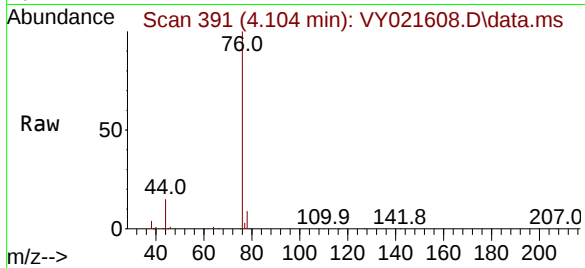




#17  
Carbon Disulfide  
Concen: 46.959 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.012 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

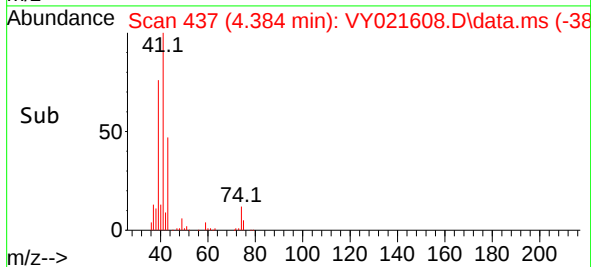
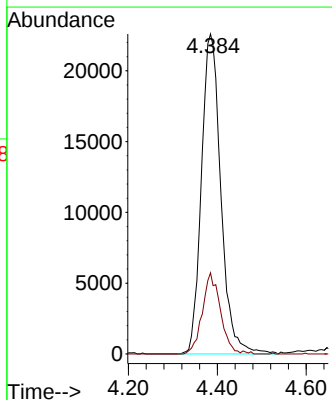
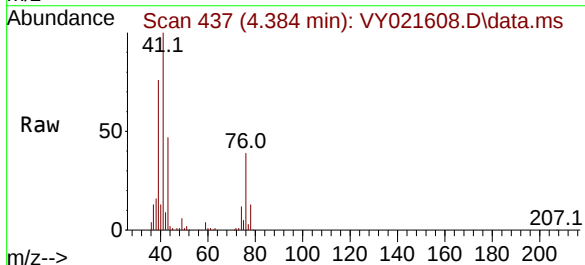
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

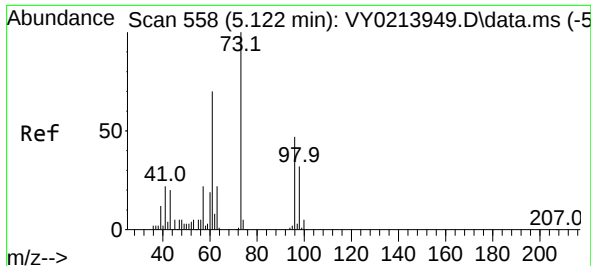
Tgt Ion: 76 Resp: 250144  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.4 11.0



#18  
Methyl Acetate  
Concen: 81.343 ug/l  
RT: 4.384 min Scan# 437  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 68846  
Ion Ratio Lower Upper  
43 100  
74 23.4 19.4 29.0

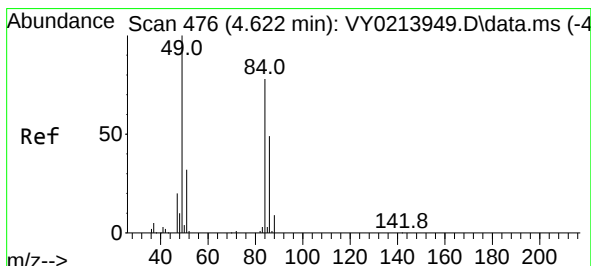
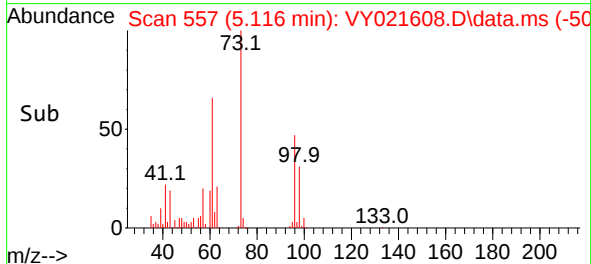
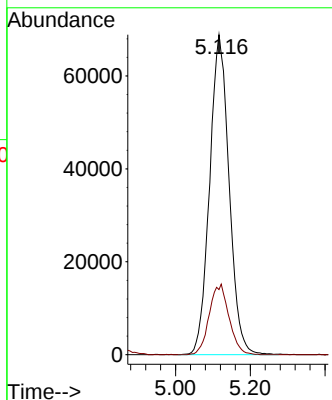
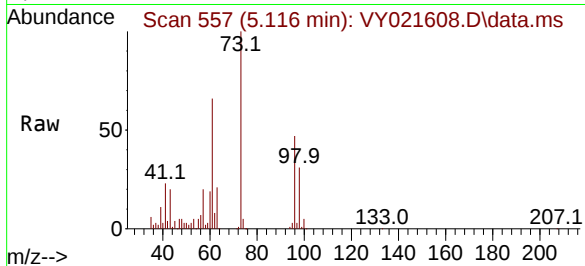




#19  
Methyl tert-butyl Ether  
Concen: 57.878 ug/l  
RT: 5.116 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

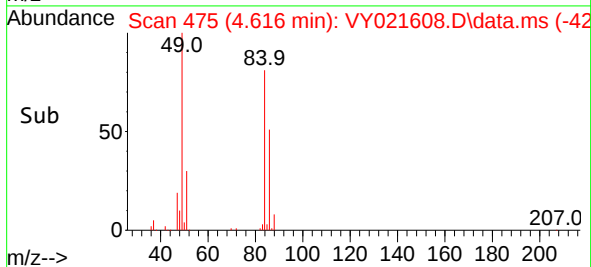
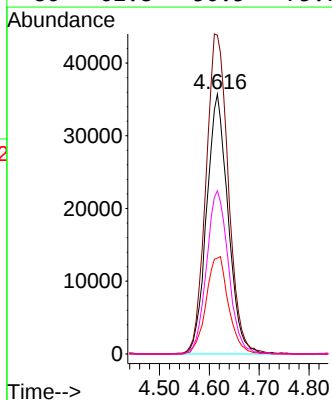
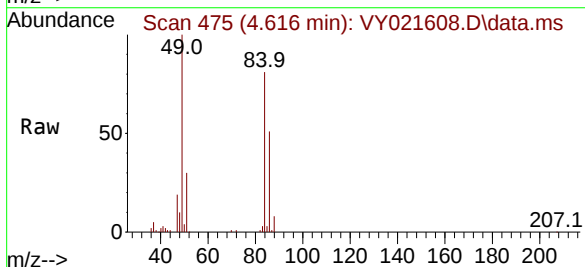
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 73 Resp: 249340  
Ion Ratio Lower Upper  
73 100  
57 20.4 17.9 26.9



#20  
Methylene Chloride  
Concen: 53.340 ug/l  
RT: 4.616 min Scan# 475  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 84 Resp: 106804  
Ion Ratio Lower Upper  
84 100  
49 122.5 102.0 153.0  
51 36.9 33.0 49.6  
86 62.8 50.5 75.7

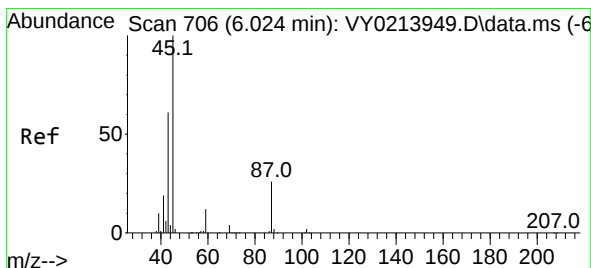
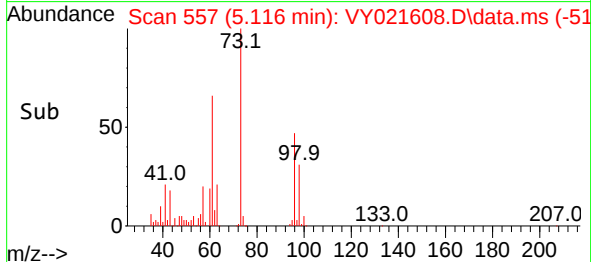
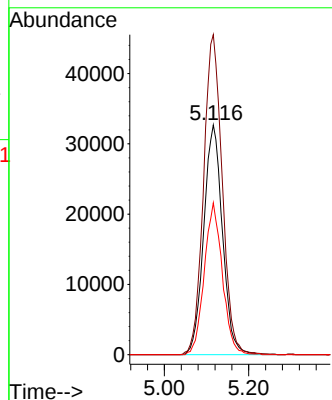
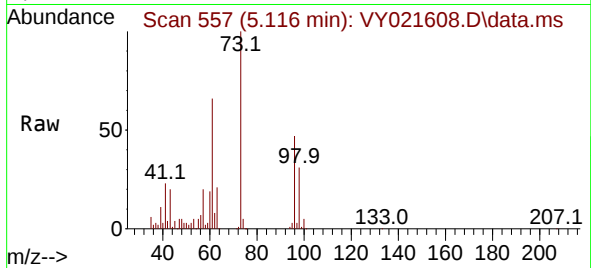




#21  
trans-1,2-Dichloroethene  
Concen: 53.127 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. -0.012 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

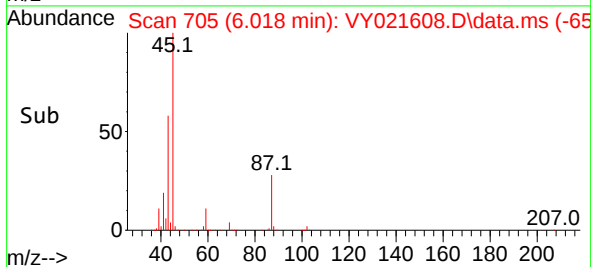
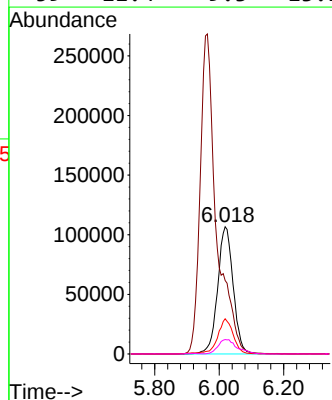
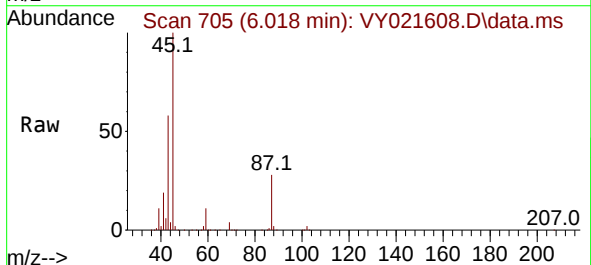
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

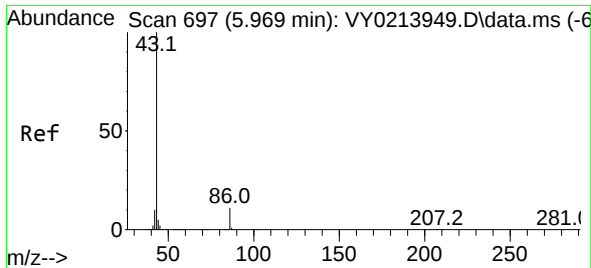
Tgt Ion: 96 Resp: 101130  
Ion Ratio Lower Upper  
96 100  
61 139.3 111.5 167.3  
98 66.1 53.8 80.8



#22  
Diisopropyl ether  
Concen: 60.361 ug/l  
RT: 6.018 min Scan# 705  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 45 Resp: 357318  
Ion Ratio Lower Upper  
45 100  
43 57.7 48.7 73.1  
87 27.6 21.5 32.3  
59 11.4 9.3 13.9

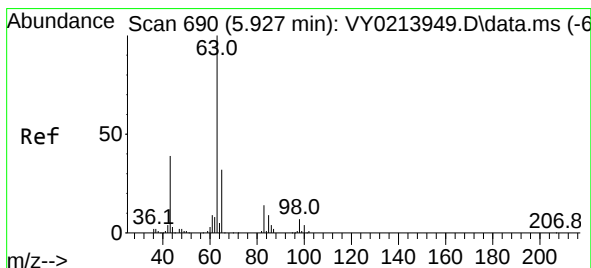
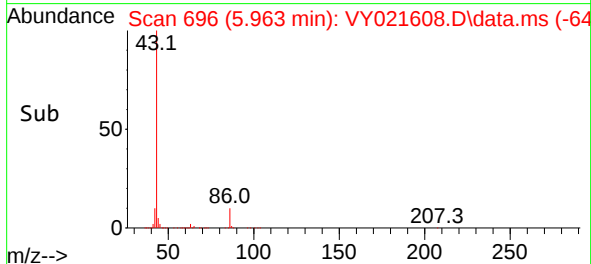
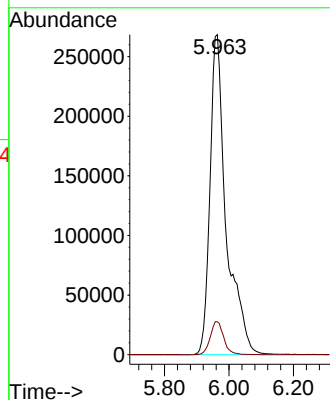
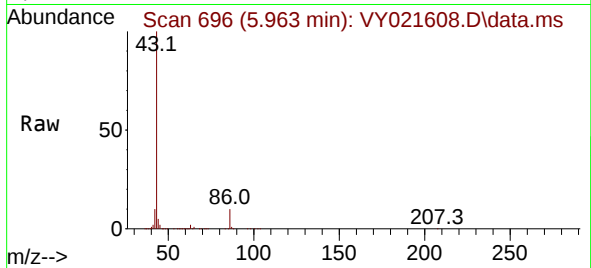




#23  
 Vinyl Acetate  
 Concen: 278.230 ug/l  
 RT: 5.963 min Scan# 61  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

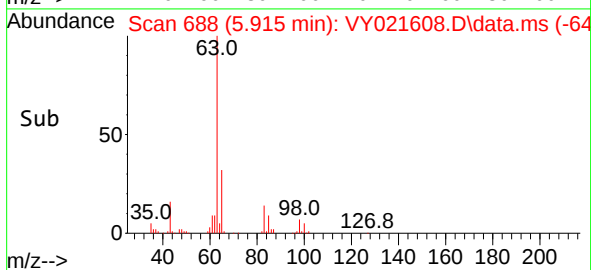
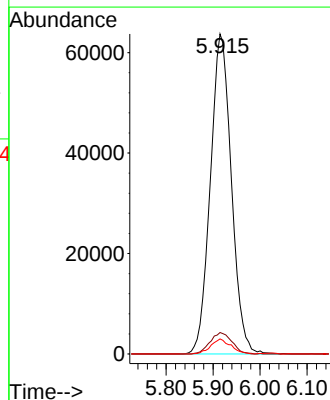
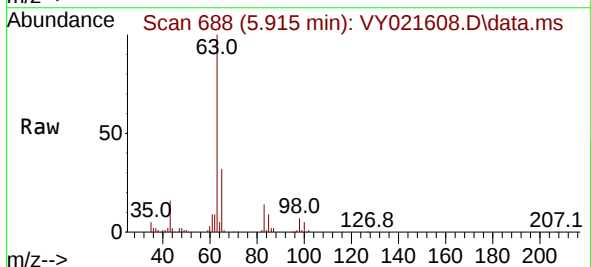
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

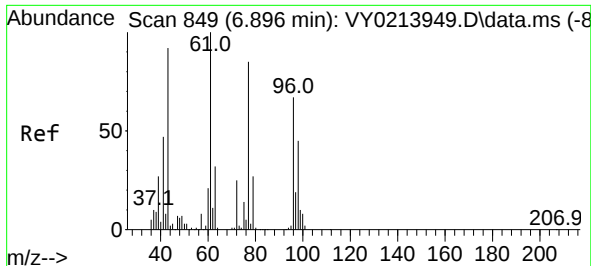
Tgt Ion: 43 Resp: 939968  
 Ion Ratio Lower Upper  
 43 100  
 86 10.3 8.5 12.7



#24  
 1,1-Dichloroethane  
 Concen: 56.688 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. -0.012 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 63 Resp: 198056  
 Ion Ratio Lower Upper  
 63 100  
 98 6.7 3.3 9.9  
 100 4.7 2.1 6.5

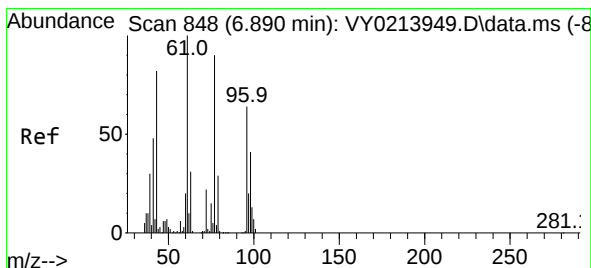
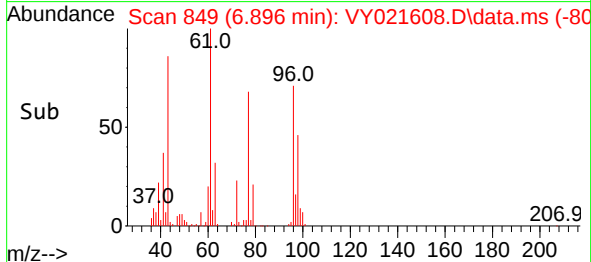
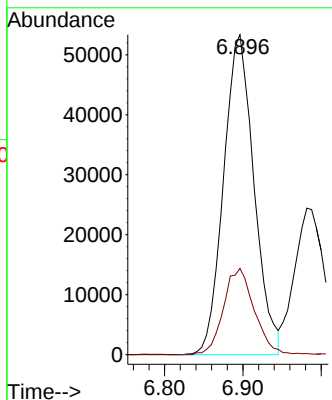
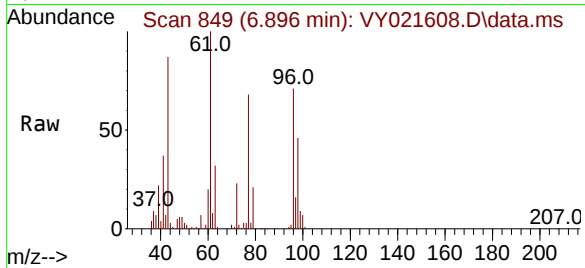




#25  
2-Butanone  
Concen: 273.075 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

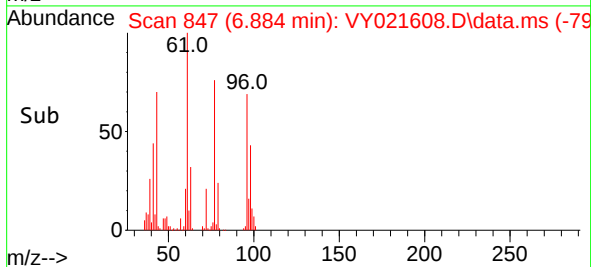
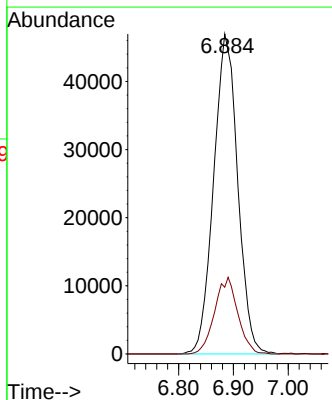
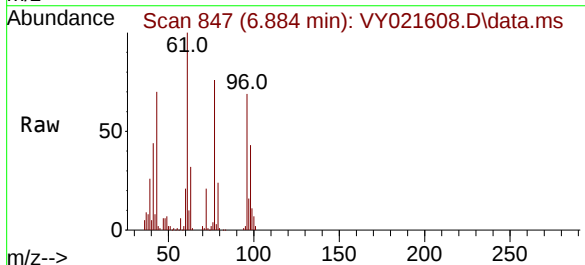
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 144091  
Ion Ratio Lower Upper  
43 100  
72 27.0 21.4 32.0



#26  
2,2-Dichloropropane  
Concen: 44.518 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 77 Resp: 143110  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.3 33.8

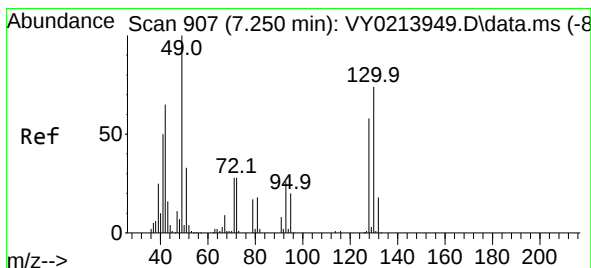
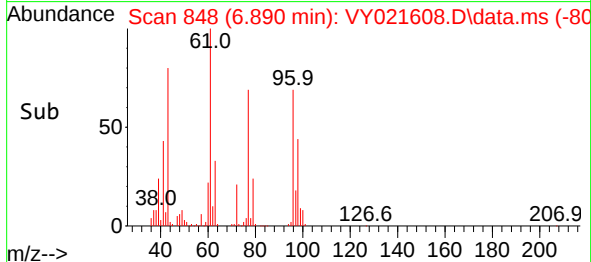
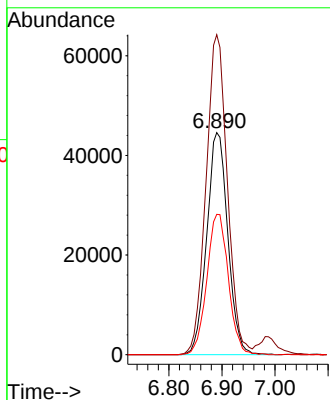
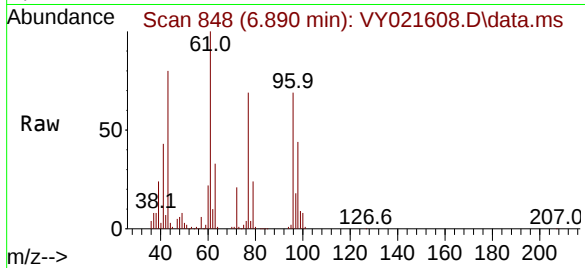




#27  
 cis-1,2-Dichloroethene  
 Concen: 56.902 ug/l  
 RT: 6.890 min Scan# 849  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

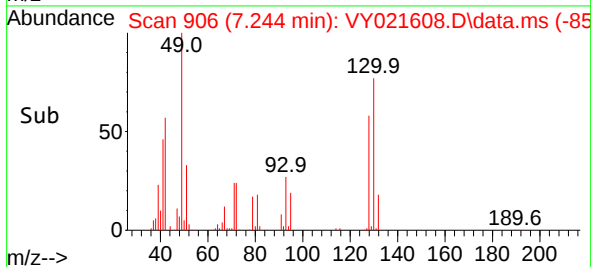
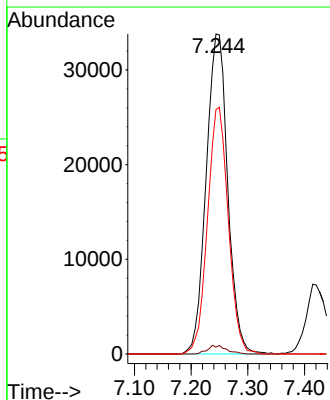
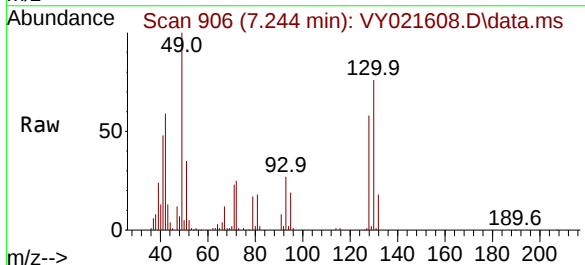
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

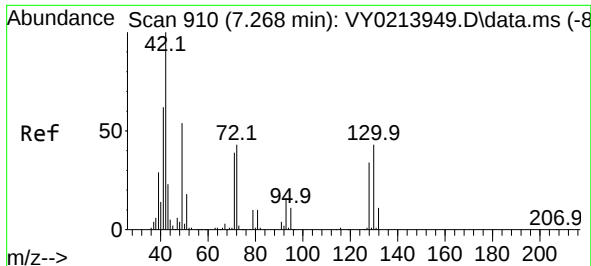
Tgt Ion: 96 Resp: 123050  
 Ion Ratio Lower Upper  
 96 100  
 61 145.6 0.0 300.8  
 98 64.6 0.0 130.0



#28  
 Bromochloromethane  
 Concen: 60.921 ug/l  
 RT: 7.244 min Scan# 906  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 49 Resp: 89233  
 Ion Ratio Lower Upper  
 49 100  
 129 2.3 0.0 4.2  
 130 74.4 59.6 89.4

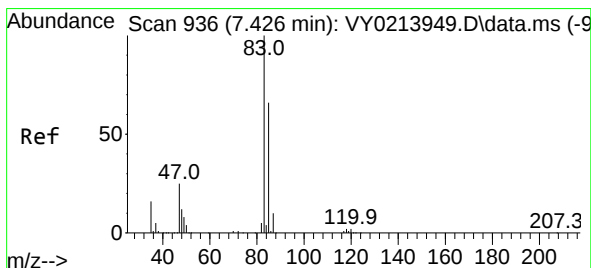
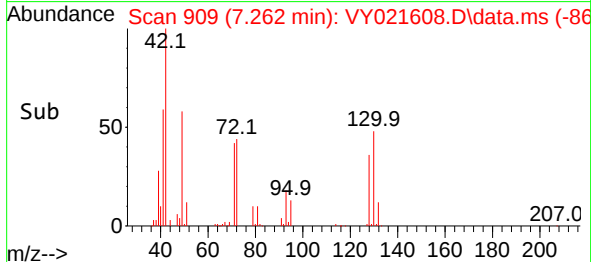
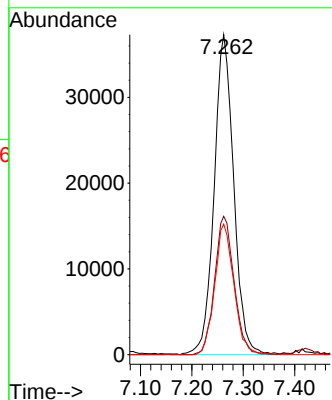
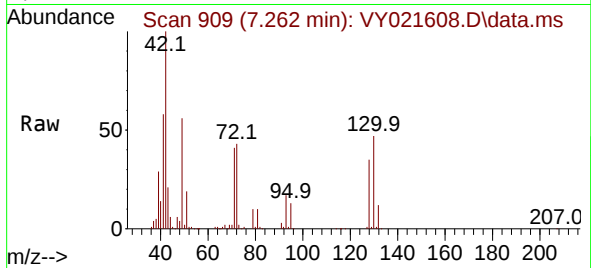




#29  
Tetrahydrofuran  
Concen: 303.584 ug/l  
RT: 7.262 min Scan# 909  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

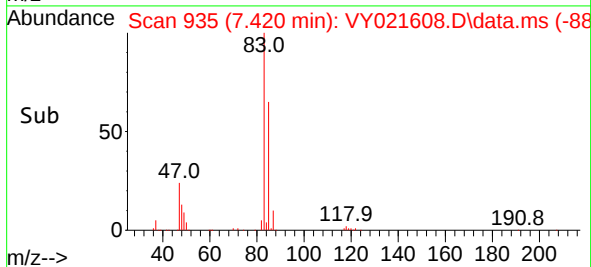
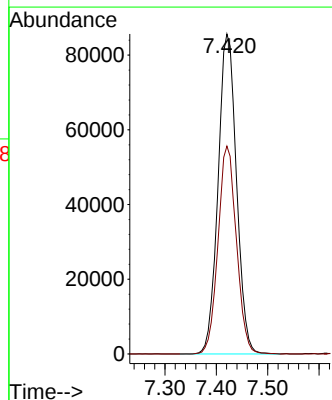
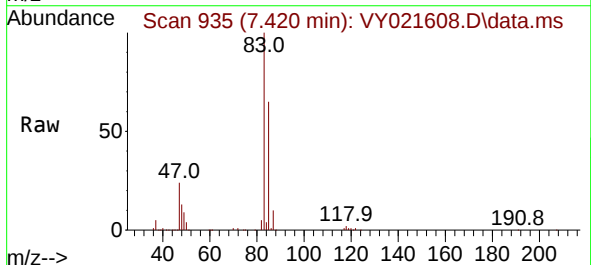
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

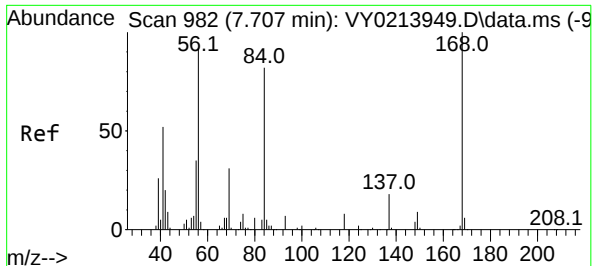
Tgt Ion: 42 Resp: 98893  
Ion Ratio Lower Upper  
42 100  
72 42.9 34.8 52.2  
71 40.1 32.6 48.8



#30  
Chloroform  
Concen: 58.791 ug/l  
RT: 7.420 min Scan# 935  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 83 Resp: 213290  
Ion Ratio Lower Upper  
83 100  
85 65.0 53.1 79.7





#31

Cyclohexane

Concen: 46.336 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

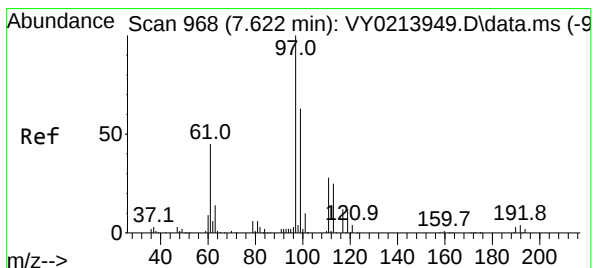
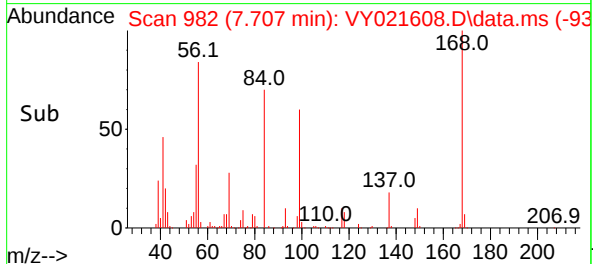
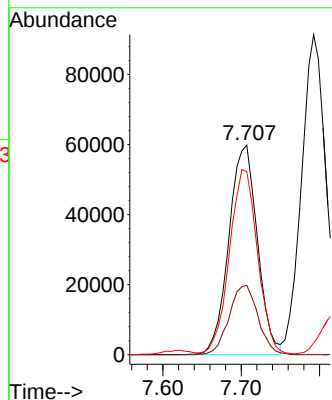
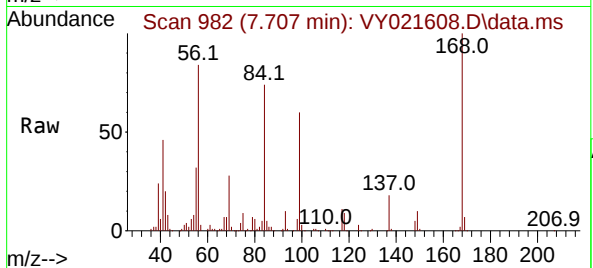
Tgt Ion: 56 Resp: 151769

Ion Ratio Lower Upper

56 100

69 33.1 27.0 40.4

84 85.2 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 54.222 ug/l

RT: 7.616 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

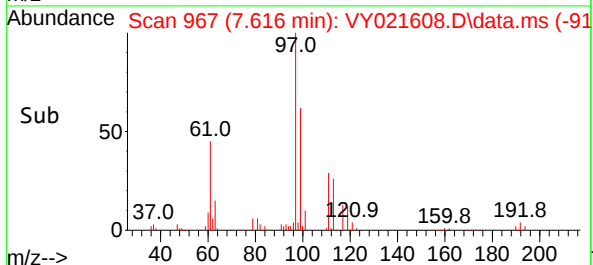
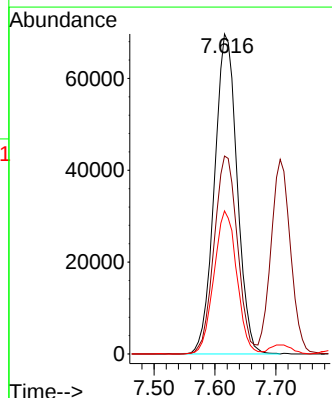
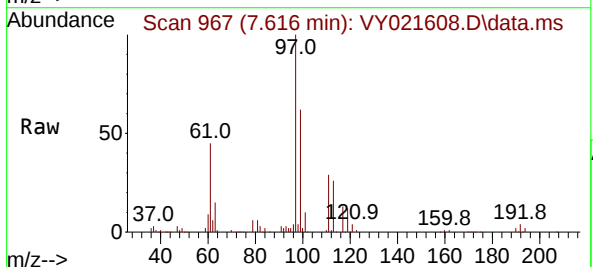
Tgt Ion: 97 Resp: 180118

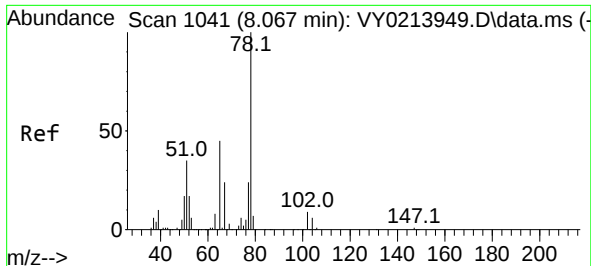
Ion Ratio Lower Upper

97 100

99 64.1 51.7 77.5

61 45.1 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 57.234 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

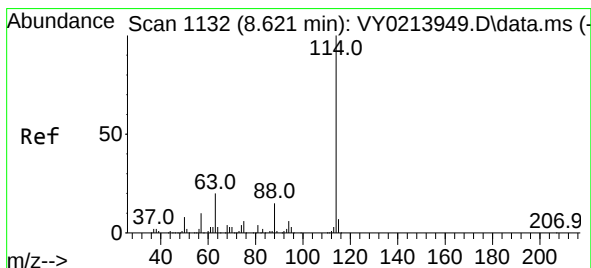
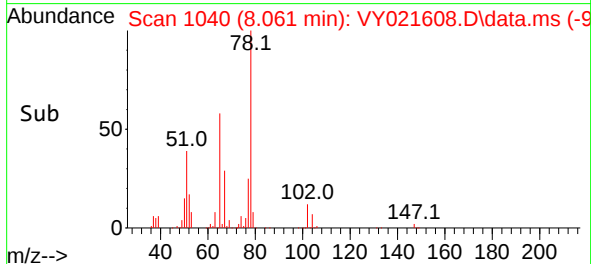
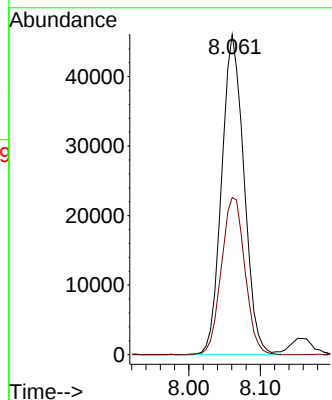
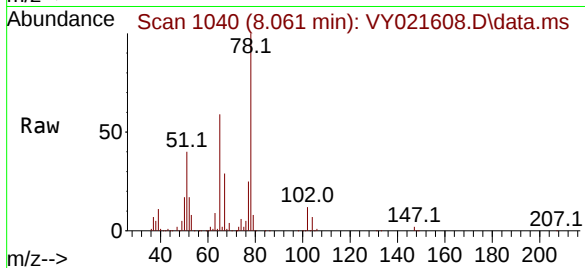
VSTDCCC050EC

Tgt Ion: 65 Resp: 100097

Ion Ratio Lower Upper

65 100

67 51.6 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

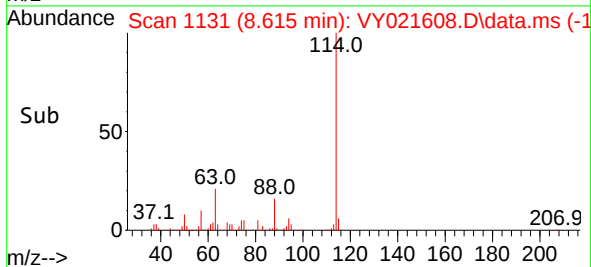
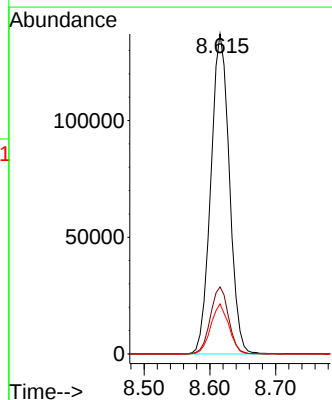
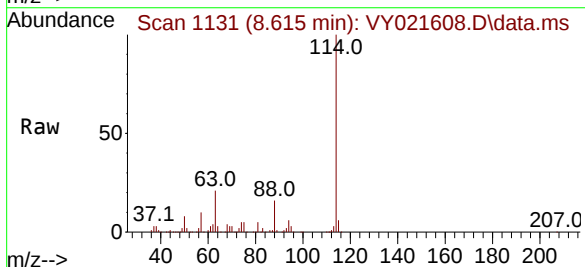
Tgt Ion: 114 Resp: 268727

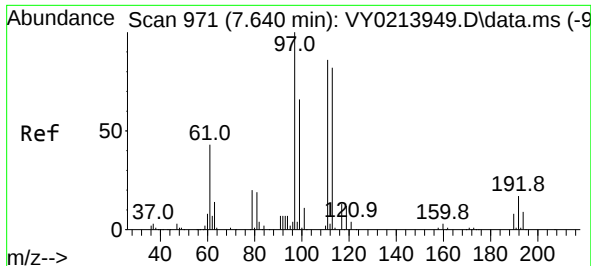
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.7 0.0 30.8

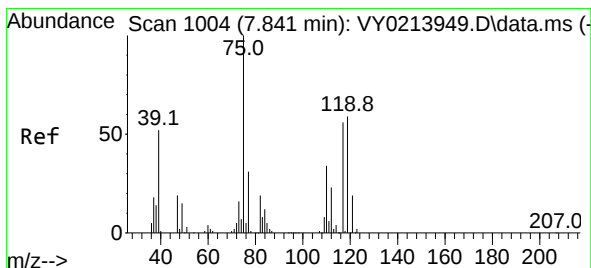
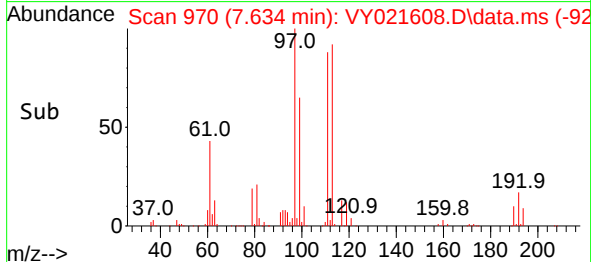
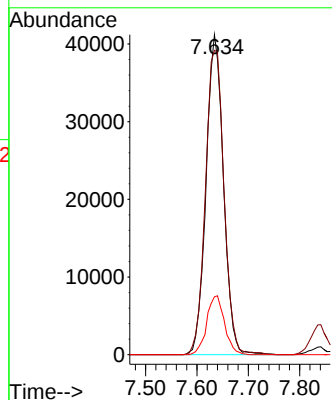
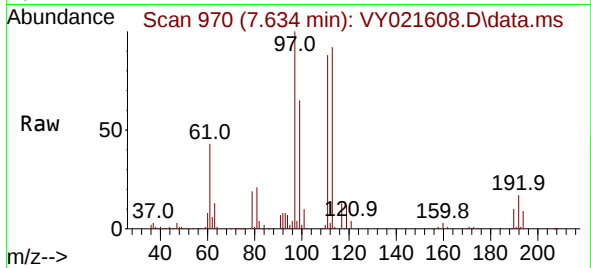




#35  
Dibromofluoromethane  
Concen: 54.783 ug/l  
RT: 7.634 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

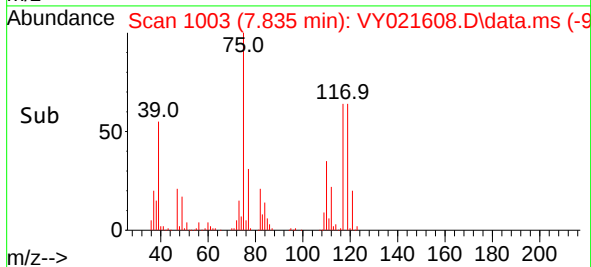
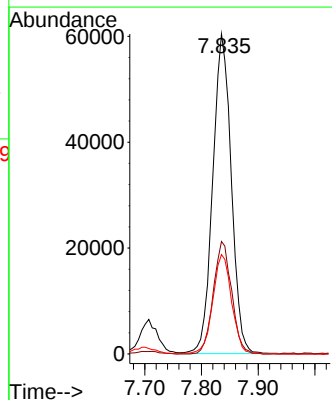
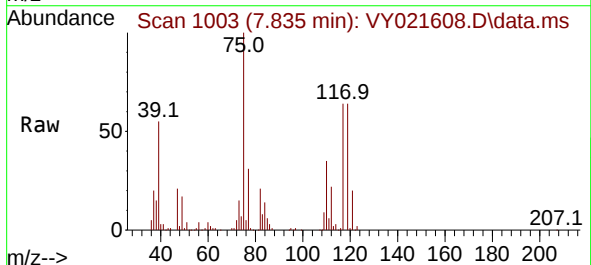
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

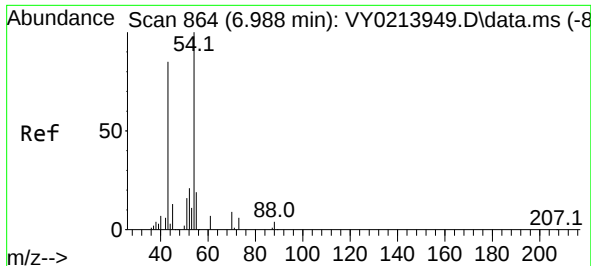
Tgt Ion:113 Resp: 96767  
Ion Ratio Lower Upper  
113 100  
111 101.9 82.0 123.0  
192 18.9 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 49.532 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 136952  
Ion Ratio Lower Upper  
75 100  
110 34.8 17.3 51.7  
77 31.7 25.4 38.2





#37

Ethyl Acetate

Concen: 55.359 ug/l

RT: 6.982 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

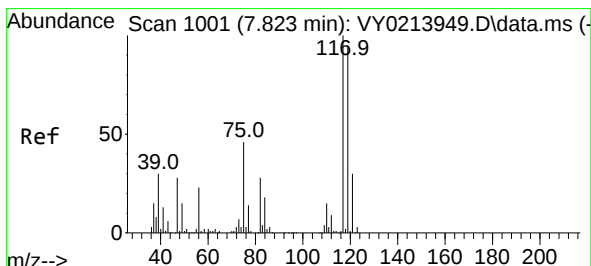
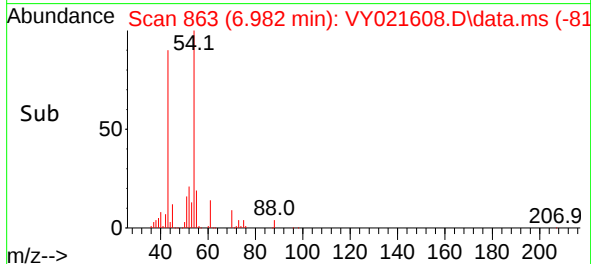
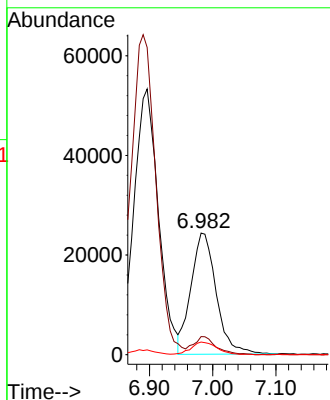
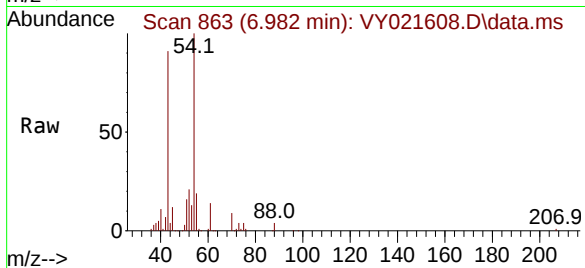
Tgt Ion: 43 Resp: 67653

Ion Ratio Lower Upper

43 100

61 13.3 11.4 17.0

70 10.7 8.2 12.2



#38

Carbon Tetrachloride

Concen: 50.263 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

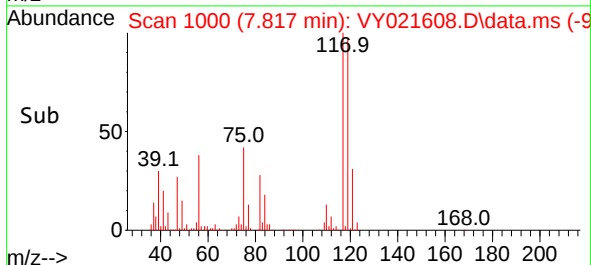
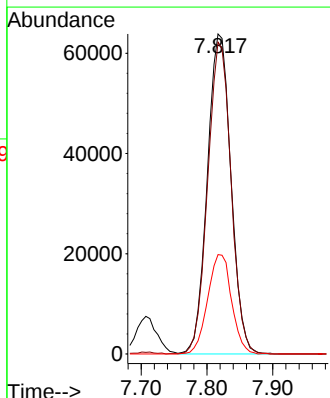
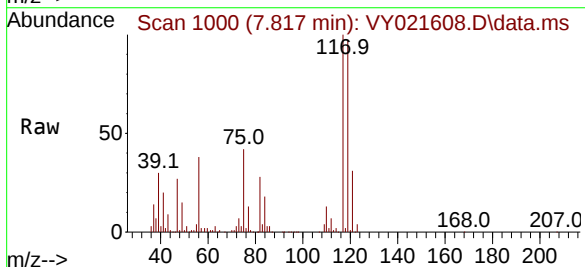
Tgt Ion: 117 Resp: 159831

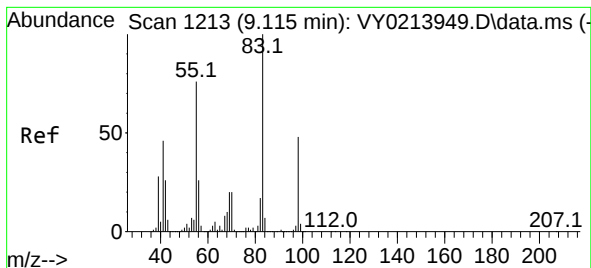
Ion Ratio Lower Upper

117 100

119 97.5 75.8 113.8

121 31.1 23.9 35.9

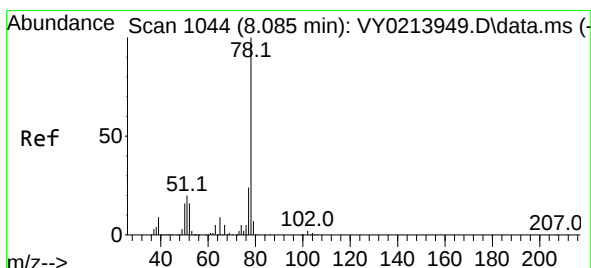
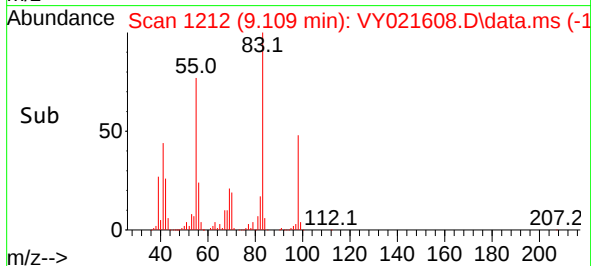
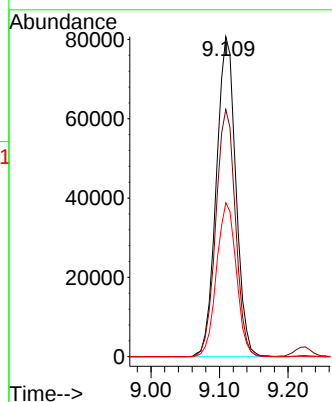
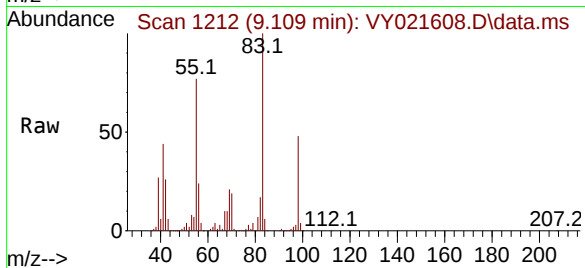




#39  
Methylcyclohexane  
Concen: 47.026 ug/l  
RT: 9.109 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

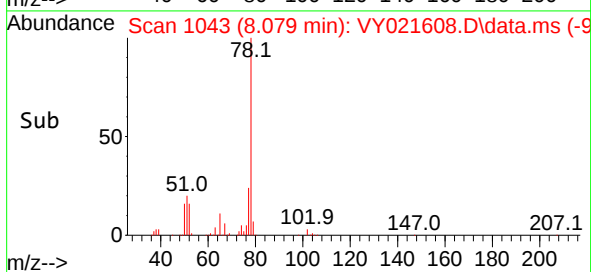
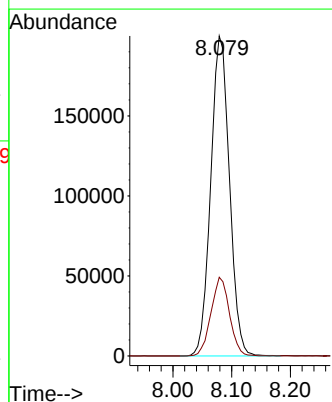
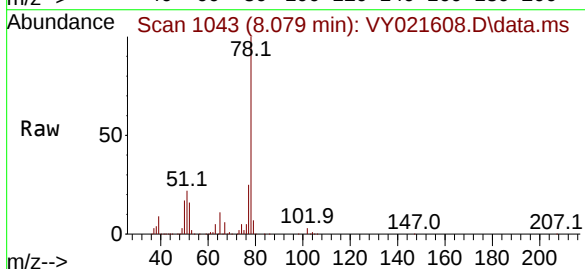
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

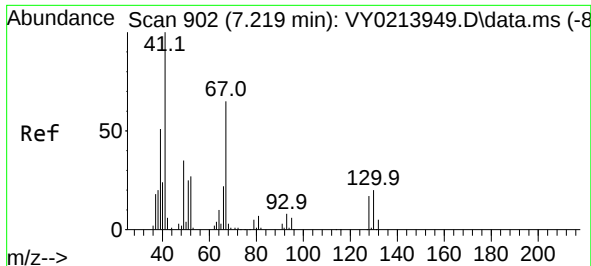
Tgt Ion: 83 Resp: 159491  
Ion Ratio Lower Upper  
83 100  
55 77.2 60.7 91.1  
98 48.1 38.6 57.8



#40  
Benzene  
Concen: 54.304 ug/l  
RT: 8.079 min Scan# 1043  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 78 Resp: 442305  
Ion Ratio Lower Upper  
78 100  
77 24.6 19.0 28.4

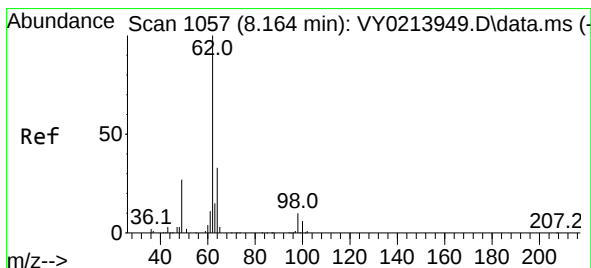
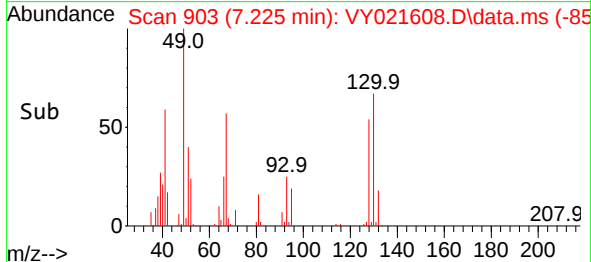
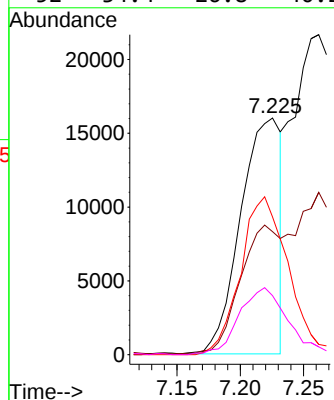
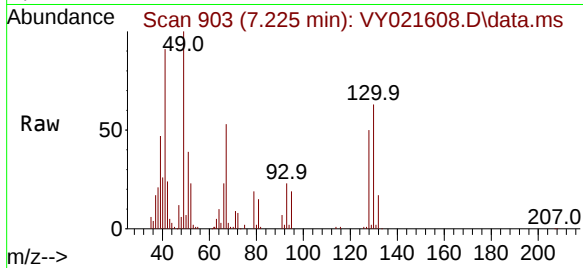




#41  
Methacrylonitrile  
Concen: 53.488 ug/l  
RT: 7.225 min Scan# 902  
Delta R.T. 0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

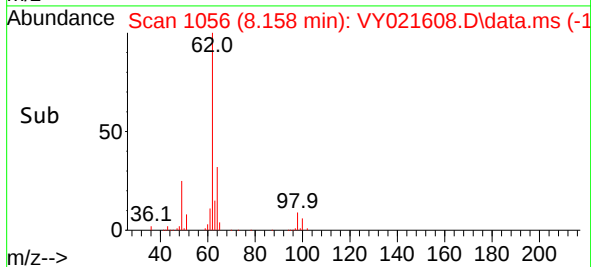
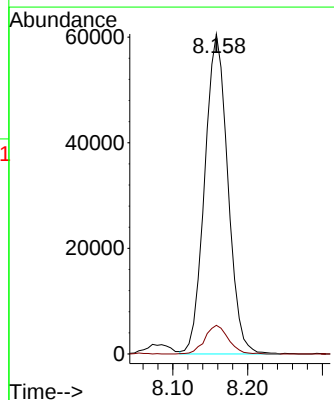
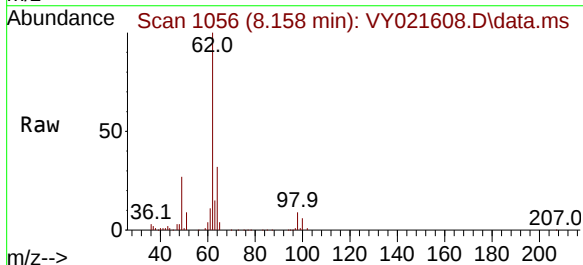
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

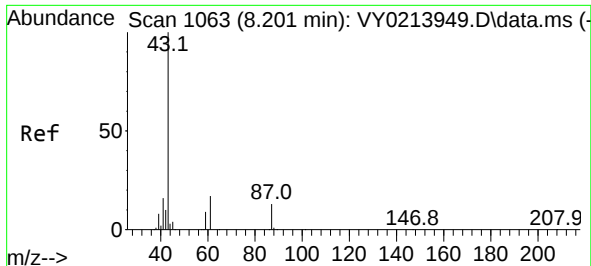
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 35592 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 53.3  | 35.0  | 52.6# |
| 67        | 79.6  | 61.2  | 91.8  |
| 52        | 34.4  | 26.8  | 40.2  |



#42  
1,2-Dichloroethane  
Concen: 57.130 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 62    | Resp: | 130175 |
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 9.1   | 0.0   | 18.2   |

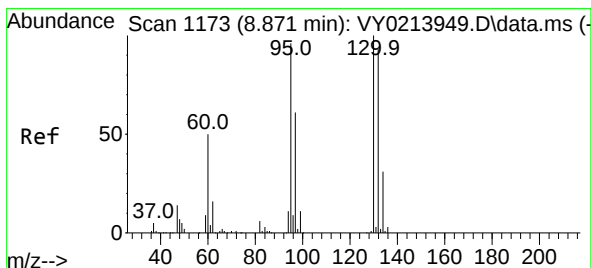
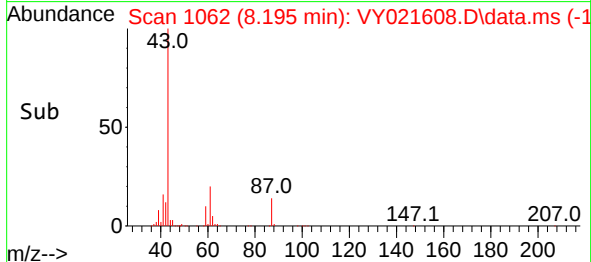
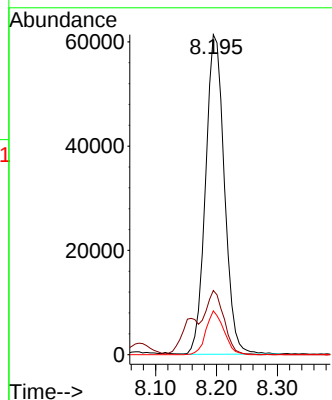
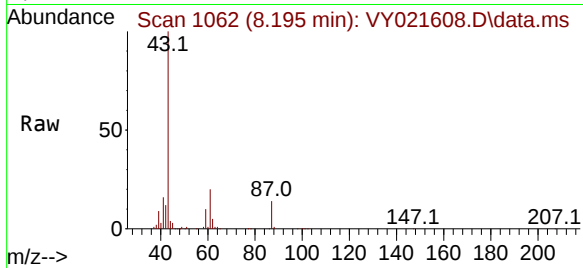




#43  
Isopropyl Acetate  
Concen: 55.466 ug/l  
RT: 8.195 min Scan# 110  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

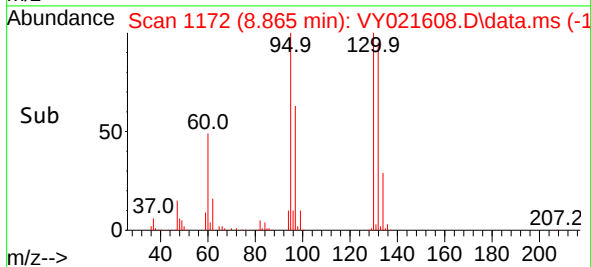
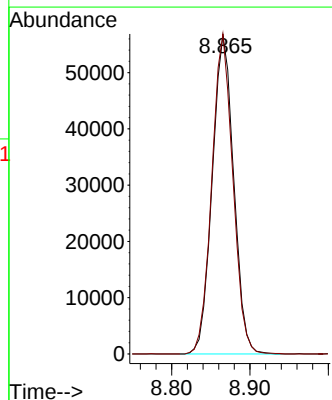
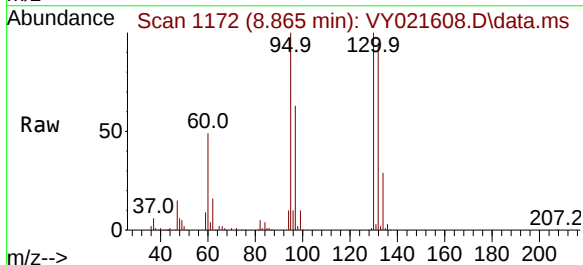
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 43 Resp: 131585  
Ion Ratio Lower Upper  
43 100  
61 20.2 23.4 35.0#  
87 13.1 10.5 15.7



#44  
Trichloroethene  
Concen: 52.246 ug/l  
RT: 8.865 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion:130 Resp: 107533  
Ion Ratio Lower Upper  
130 100  
95 100.5 0.0 191.6





#45

1,2-Dichloropropane

Concen: 57.371 ug/l

RT: 9.140 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

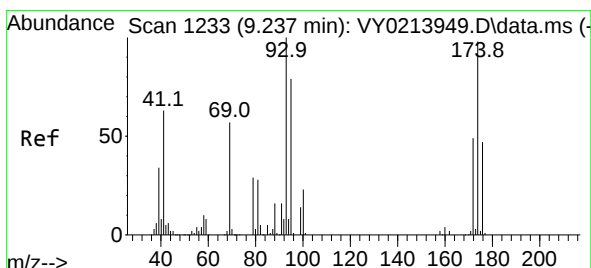
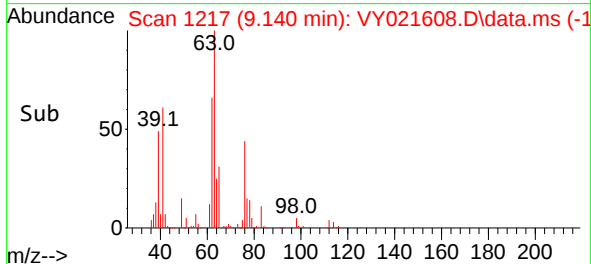
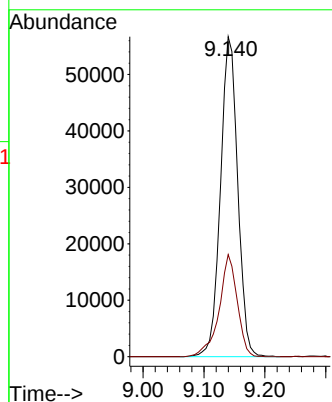
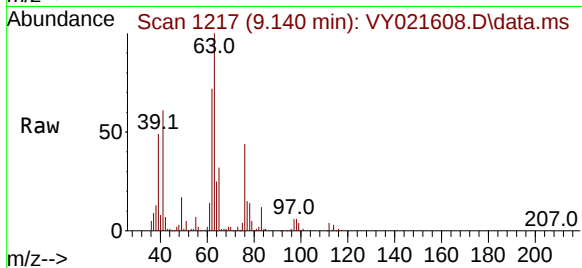
VSTDCCC050EC

Tgt Ion: 63 Resp: 111214

Ion Ratio Lower Upper

63 100

65 31.9 26.0 39.0



#46

Dibromomethane

Concen: 57.297 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

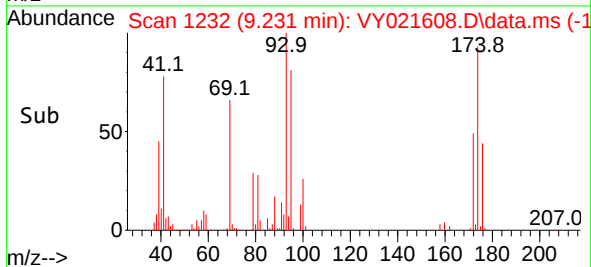
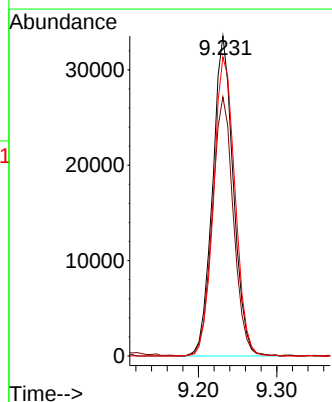
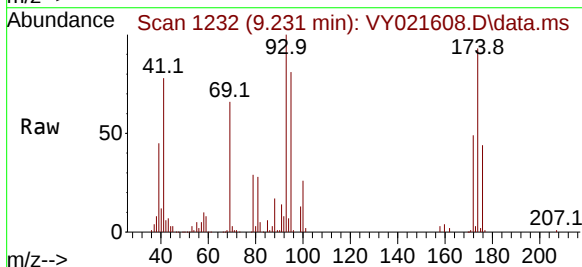
Tgt Ion: 93 Resp: 61800

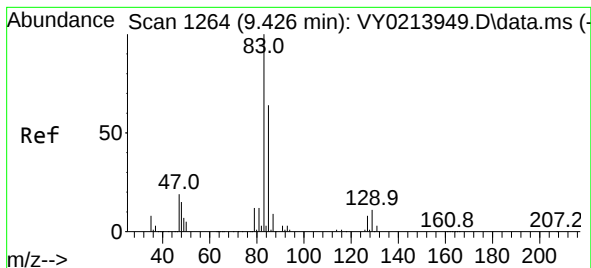
Ion Ratio Lower Upper

93 100

95 82.5 65.8 98.8

174 96.5 77.9 116.9





#47

Bromodichloromethane

Concen: 57.744 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

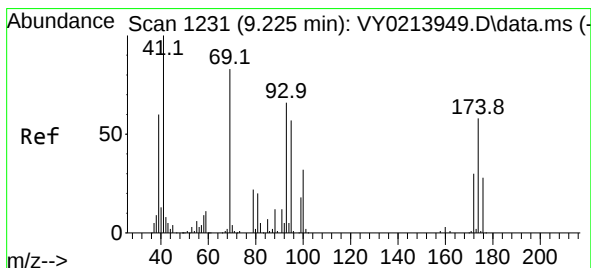
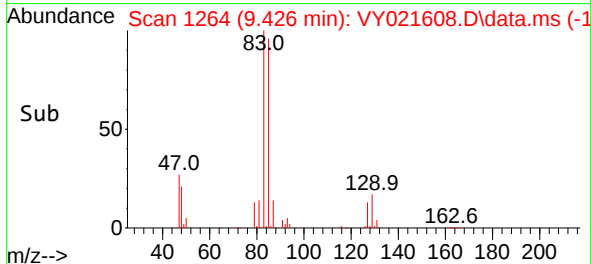
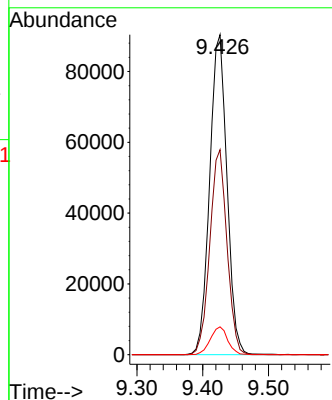
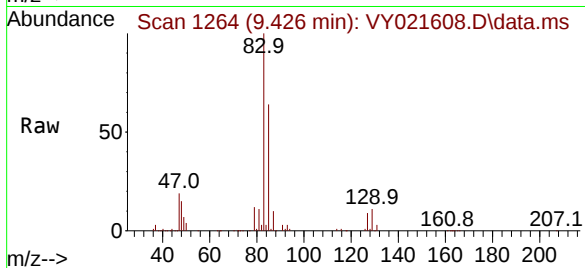
Tgt Ion: 83 Resp: 165401

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

127 8.7 6.7 10.1



#48

Methyl methacrylate

Concen: 58.317 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

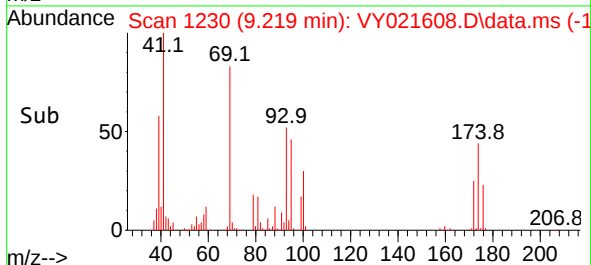
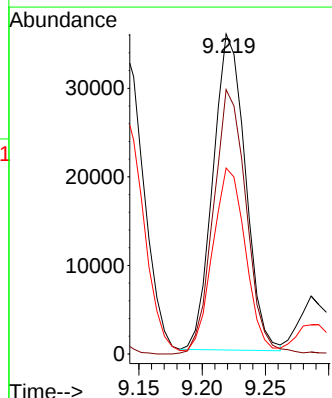
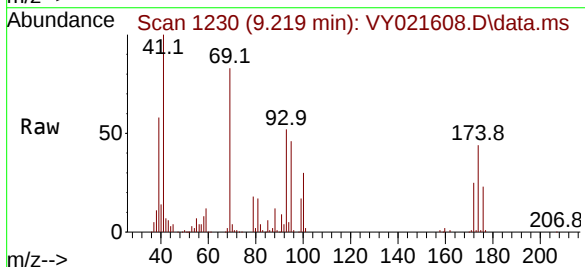
Tgt Ion: 41 Resp: 63529

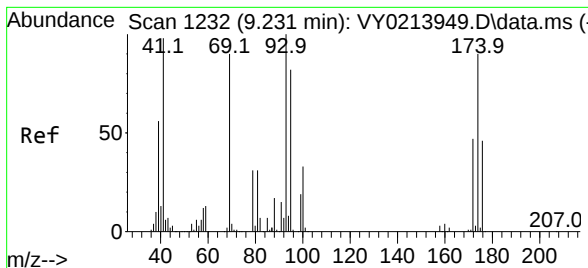
Ion Ratio Lower Upper

41 100

69 85.3 67.8 101.8

39 60.1 46.4 69.6





#49

1,4-Dioxane

Concen: 1226.058 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

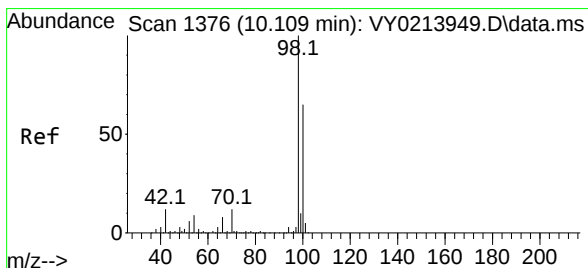
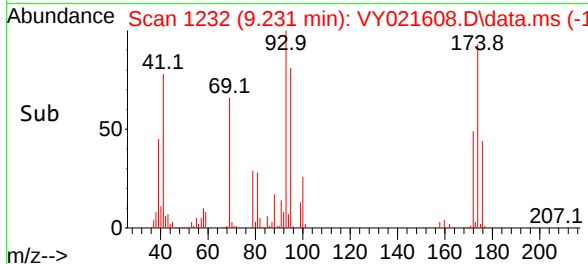
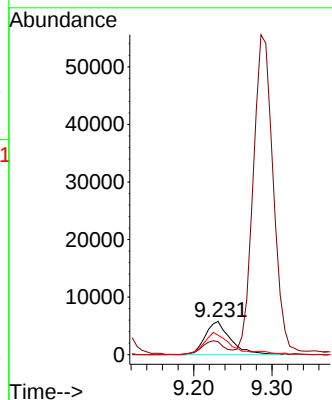
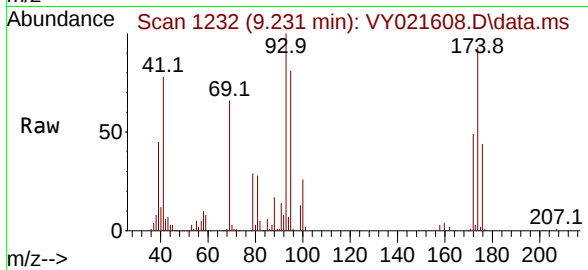
Tgt Ion: 88 Resp: 12980

Ion Ratio Lower Upper

88 100

43 35.9 25.0 37.4

58 66.4 58.4 87.6



#50

Toluene-d8

Concen: 51.847 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021608.D

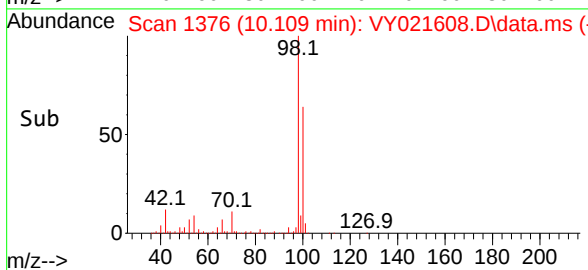
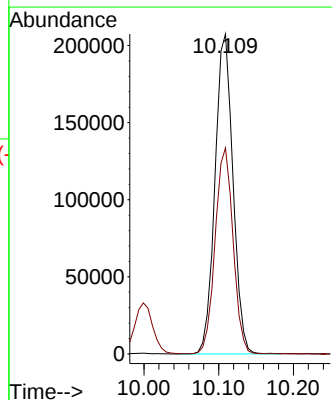
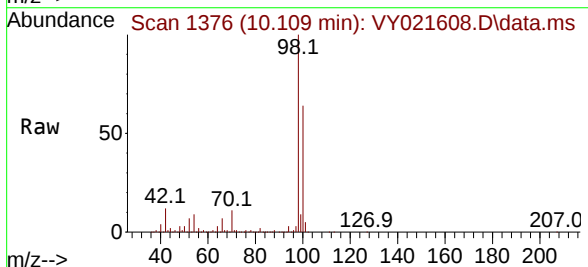
Acq: 21 Mar 2025 18:32

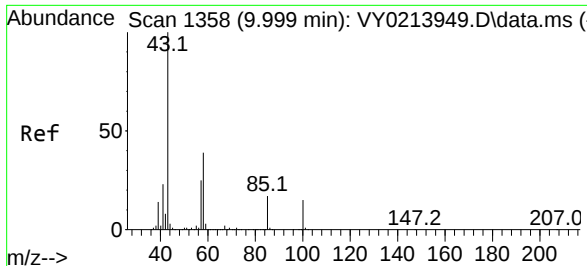
Tgt Ion: 98 Resp: 346755

Ion Ratio Lower Upper

98 100

100 64.1 52.1 78.1

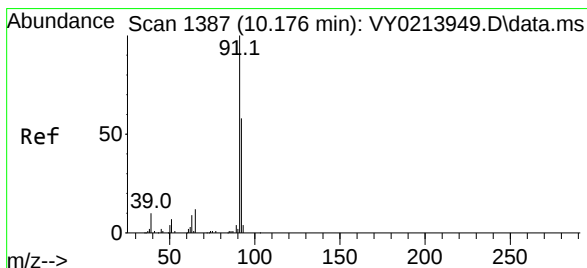
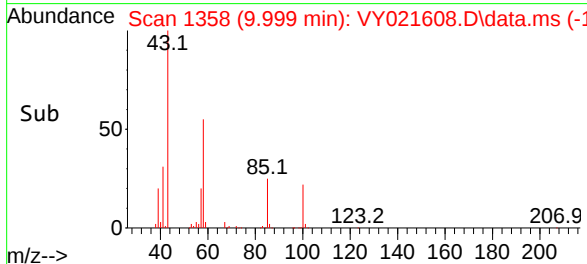
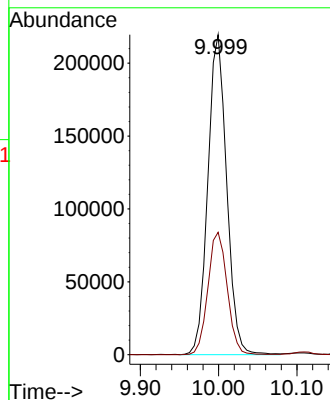
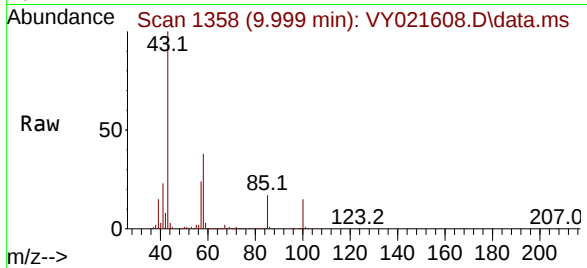




#51  
4-Methyl-2-Pentanone  
Concen: 299.252 ug/l  
RT: 9.999 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

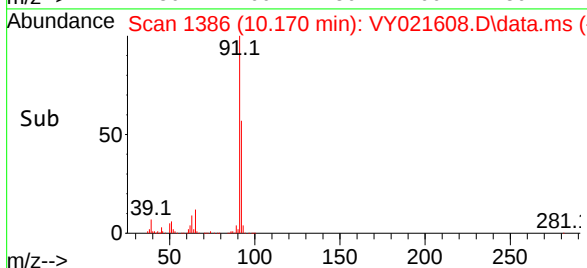
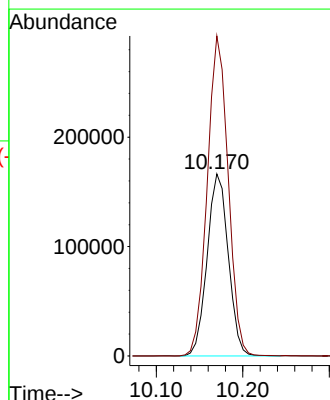
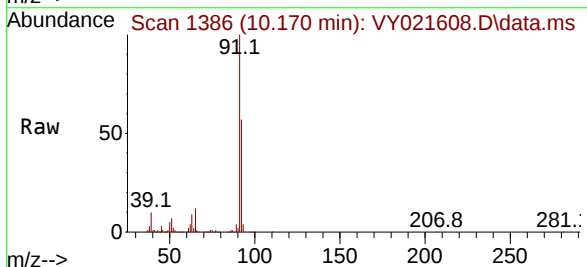
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

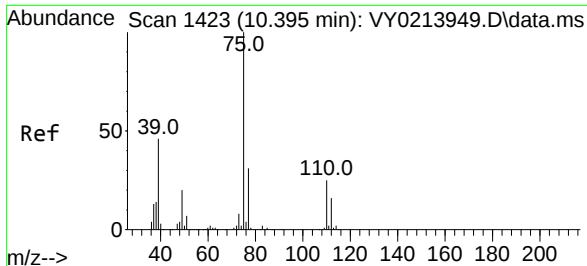
Tgt Ion: 43 Resp: 366300  
Ion Ratio Lower Upper  
43 100  
58 39.2 31.4 47.2



#52  
Toluene  
Concen: 54.998 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 92 Resp: 282414  
Ion Ratio Lower Upper  
92 100  
91 173.9 138.2 207.2

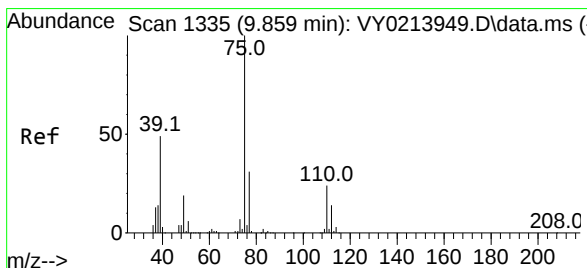
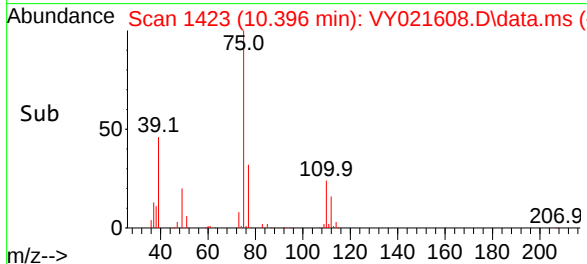
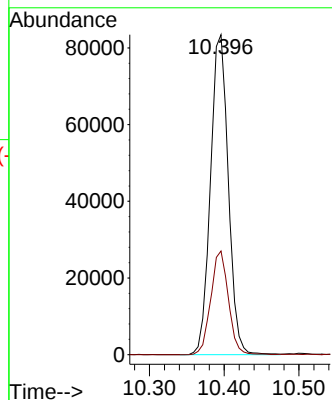
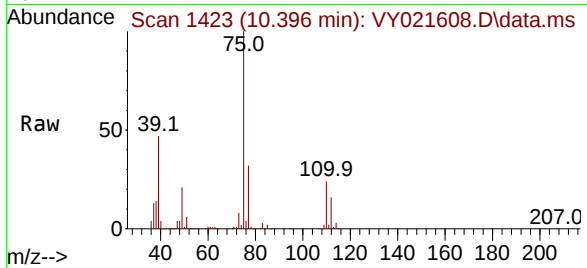




#53  
 t-1,3-Dichloropropene  
 Concen: 54.916 ug/l  
 RT: 10.396 min Scan# 1423  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

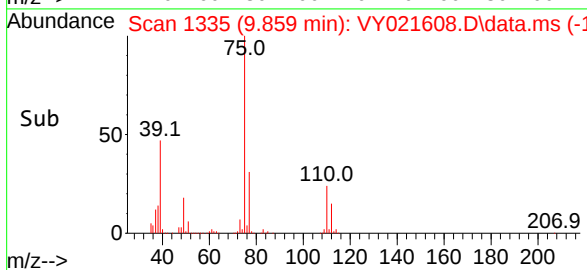
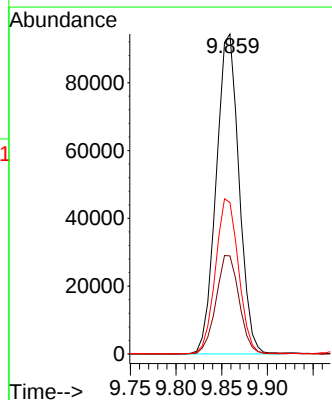
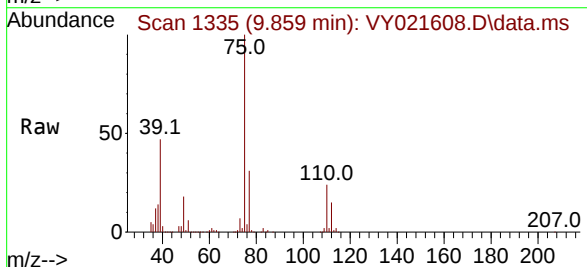
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

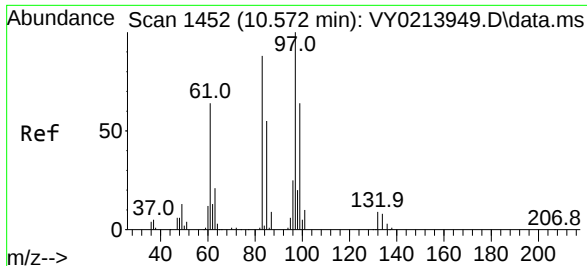
Tgt Ion: 75 Resp: 138585  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.0 37.6



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.911 ug/l  
 RT: 9.859 min Scan# 1335  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 164523  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 24.6 37.0  
 39 47.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 57.867 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 81645

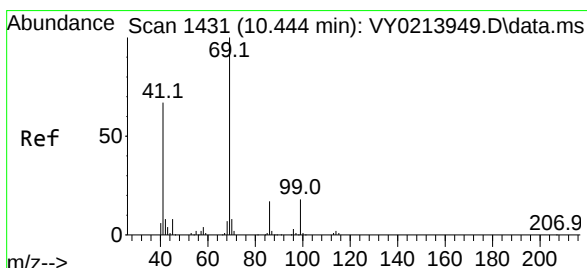
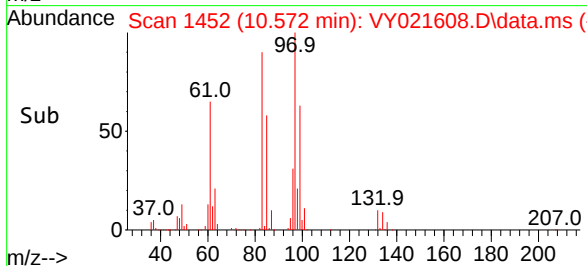
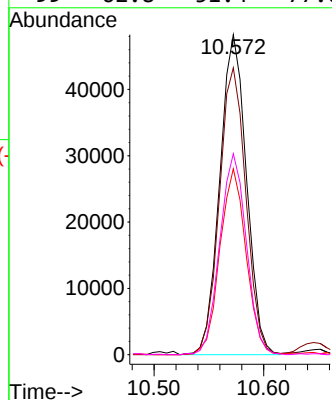
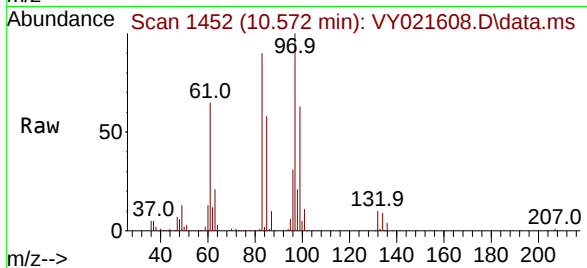
Ion Ratio Lower Upper

97 100

83 89.7 70.0 105.0

85 58.1 44.3 66.5

99 62.8 51.4 77.0



#56

Ethyl methacrylate

Concen: 59.783 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

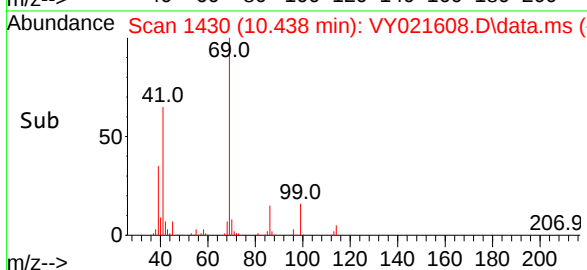
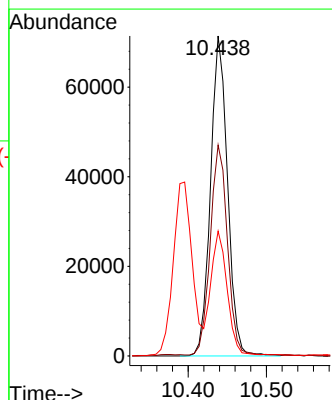
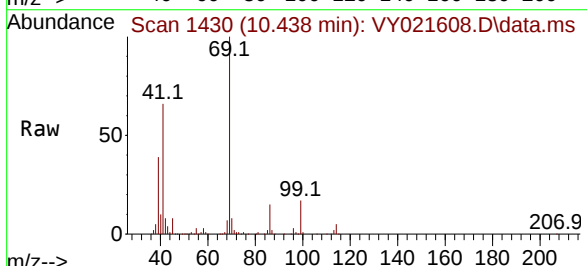
Tgt Ion: 69 Resp: 107575

Ion Ratio Lower Upper

69 100

41 67.1 53.3 79.9

39 36.4 31.0 46.6





#57

1,3-Dichloropropane

Concen: 57.725 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

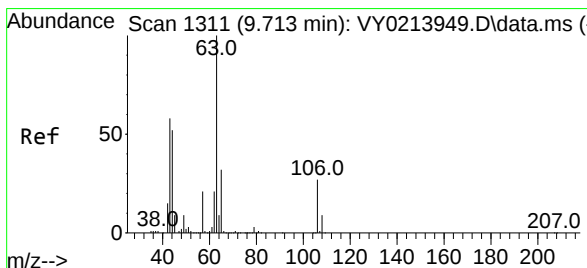
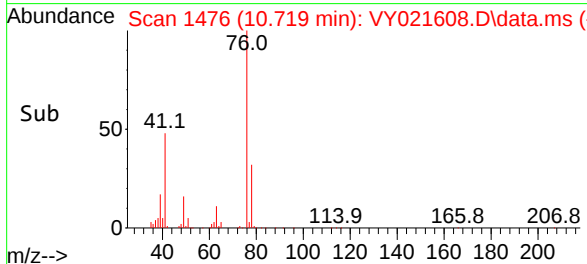
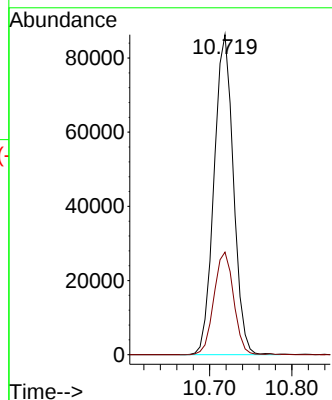
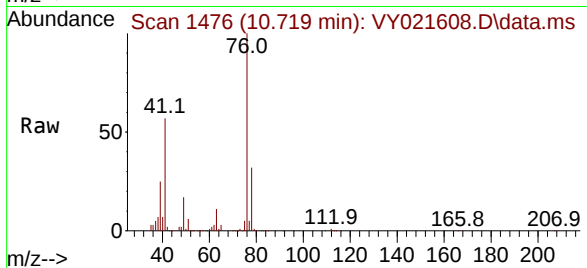
VSTDCCC050EC

Tgt Ion: 76 Resp: 141158

Ion Ratio Lower Upper

76 100

78 32.6 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 340.199 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021608.D

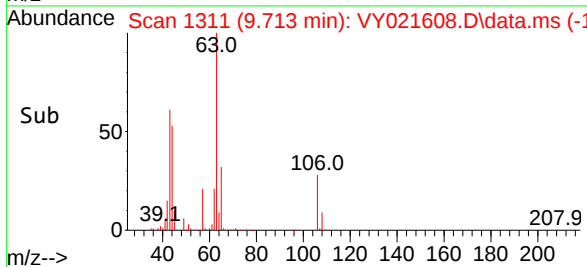
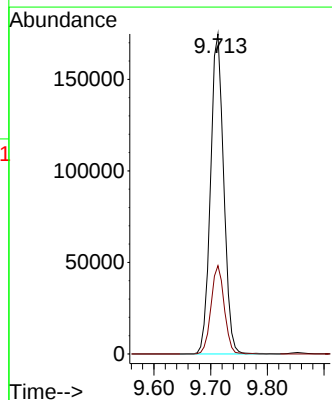
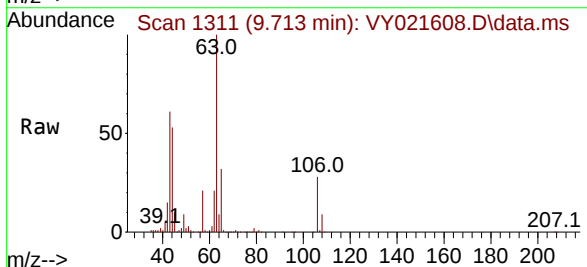
Acq: 21 Mar 2025 18:32

Tgt Ion: 63 Resp: 282587

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1

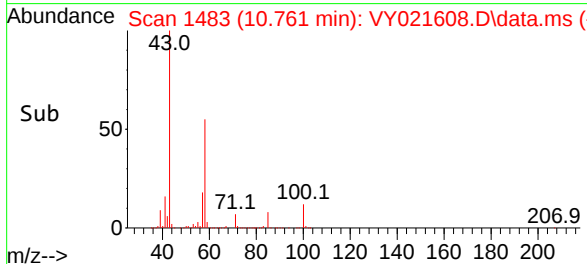
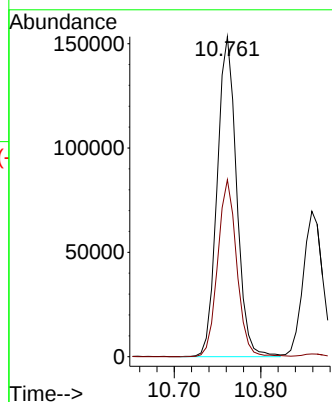
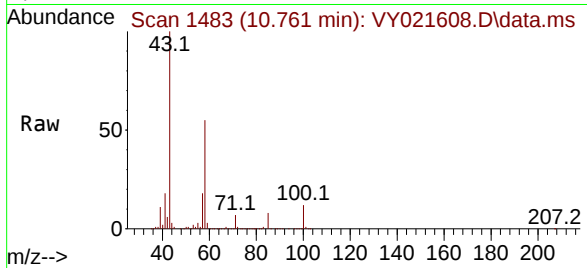




#59  
2-Hexanone  
Concen: 295.026 ug/l  
RT: 10.761 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

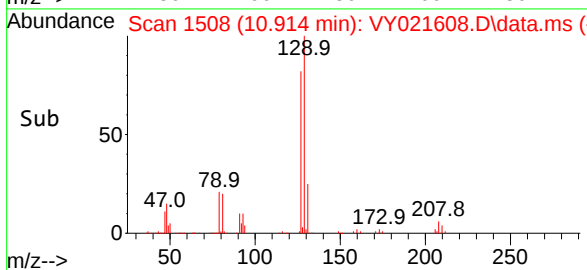
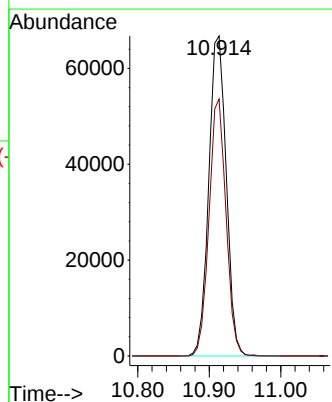
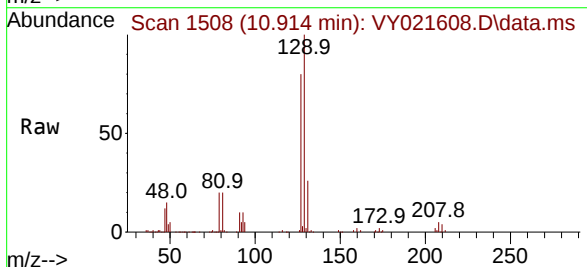
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

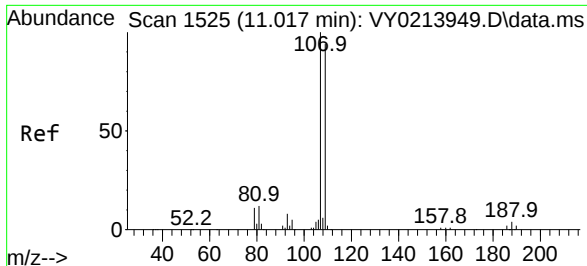
Tgt Ion: 43 Resp: 238786  
Ion Ratio Lower Upper  
43 100  
58 54.2 27.3 81.8



#60  
Dibromochloromethane  
Concen: 58.539 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 129 Resp: 113230  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.1 117.3

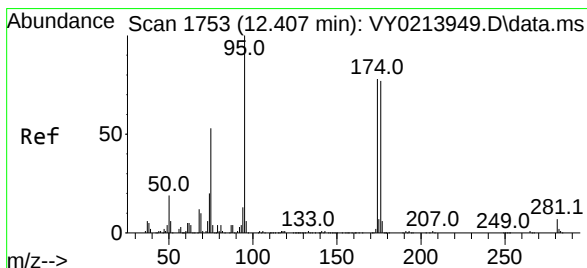
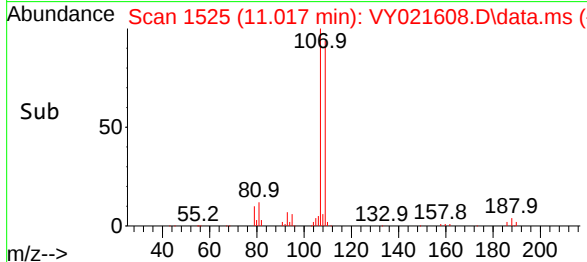
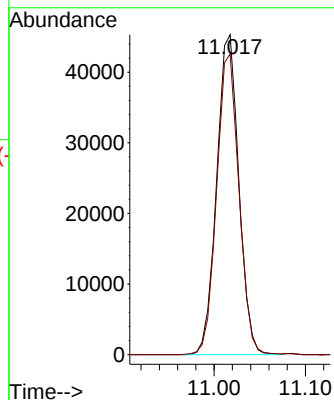
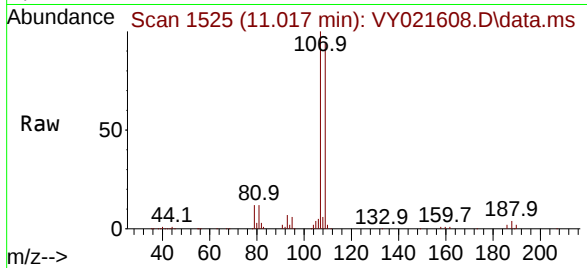




#61  
1,2-Dibromoethane  
Concen: 57.207 ug/l  
RT: 11.017 min Scan# 1525  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

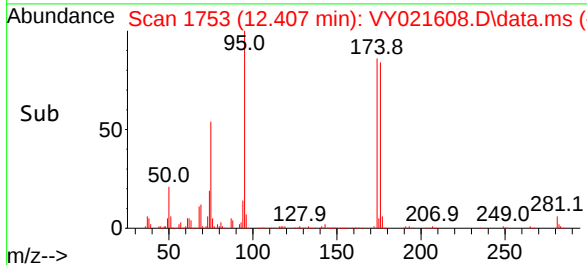
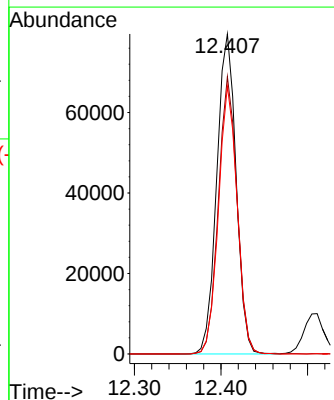
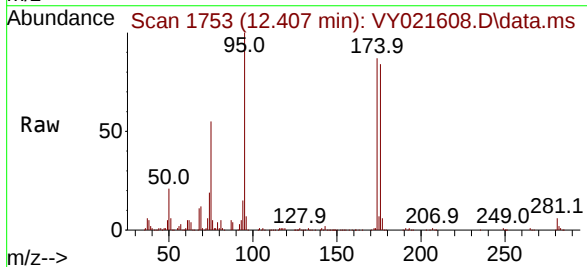
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

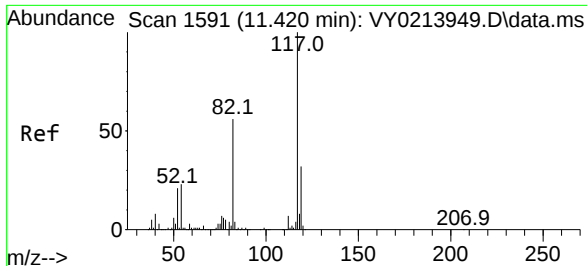
Tgt Ion:107 Resp: 76177  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 54.159 ug/l  
RT: 12.407 min Scan# 1753  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 95 Resp: 123213  
Ion Ratio Lower Upper  
95 100  
174 83.9 0.0 165.0  
176 80.9 0.0 160.0

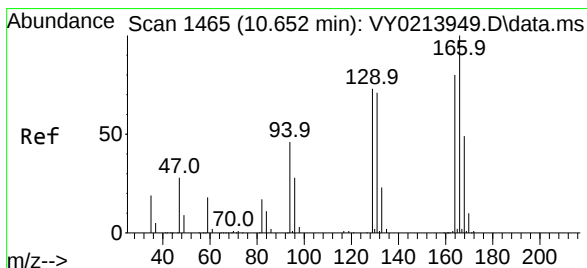
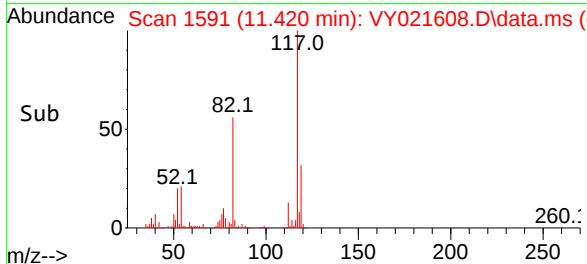
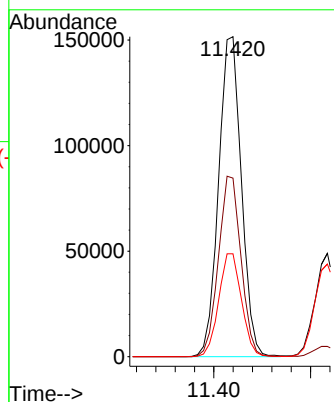
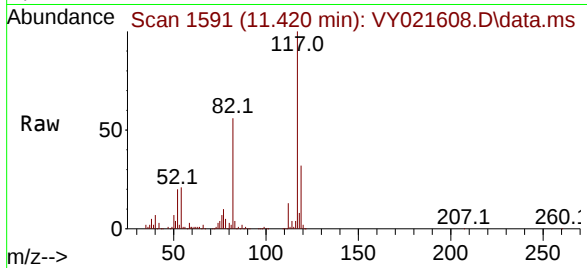




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

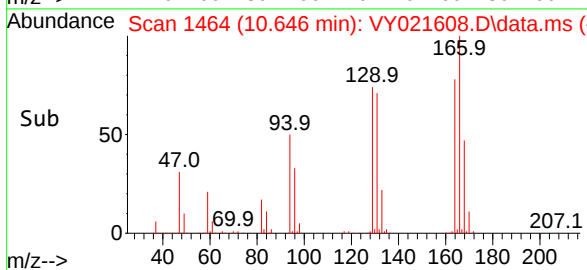
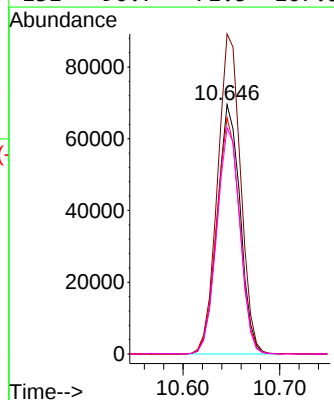
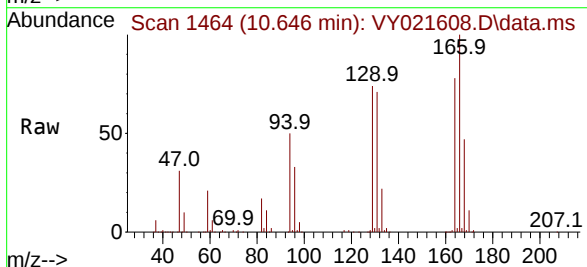
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

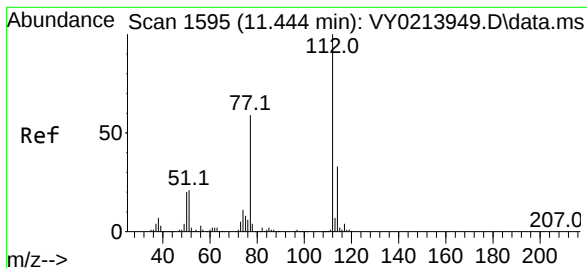
Tgt Ion:117 Resp: 247363  
Ion Ratio Lower Upper  
117 100  
82 55.8 44.6 67.0  
119 32.2 25.4 38.0



#64  
Tetrachloroethene  
Concen: 56.836 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion:164 Resp: 114323  
Ion Ratio Lower Upper  
164 100  
166 128.4 100.4 150.6  
129 94.7 73.8 110.8  
131 90.7 71.5 107.3





#65

Chlorobenzene

Concen: 53.365 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

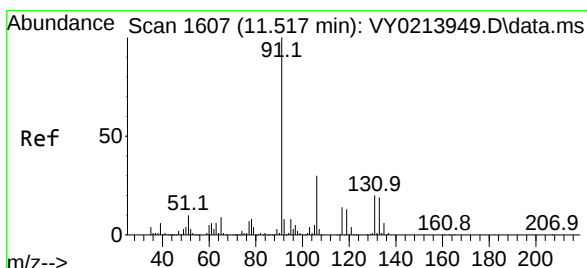
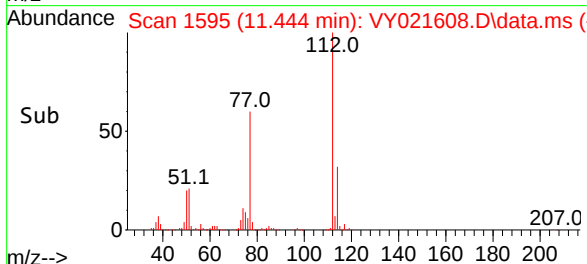
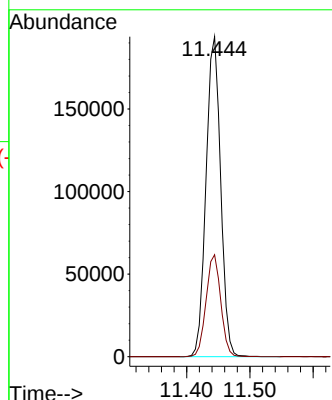
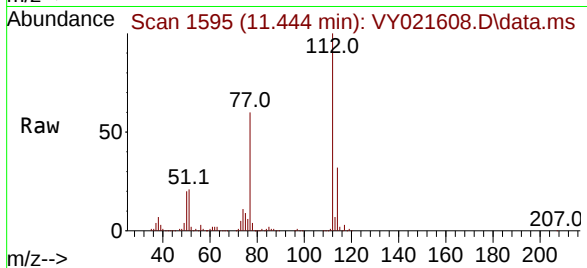
VSTDCCC050EC

Tgt Ion:112 Resp: 311722

Ion Ratio Lower Upper

112 100

114 31.8 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 55.009 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

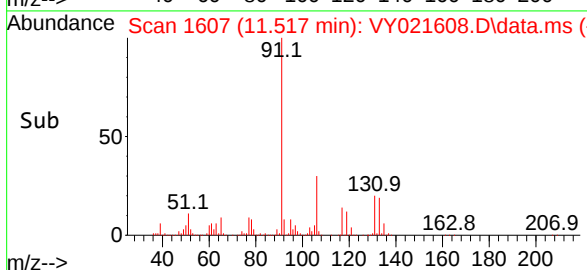
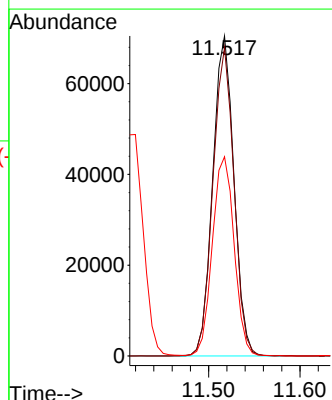
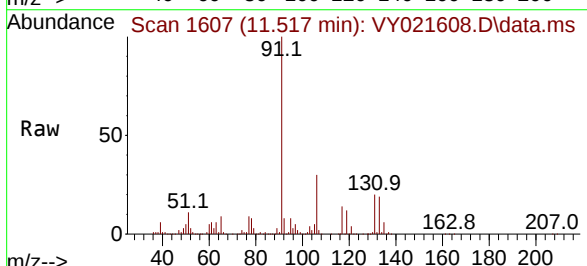
Tgt Ion:131 Resp: 113606

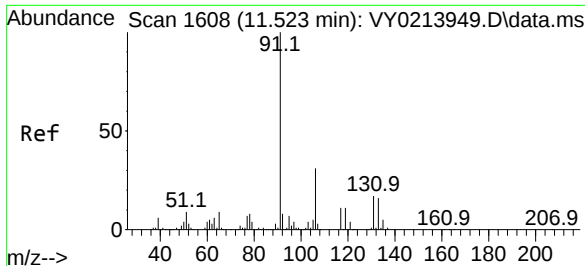
Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

119 64.1 32.3 96.9

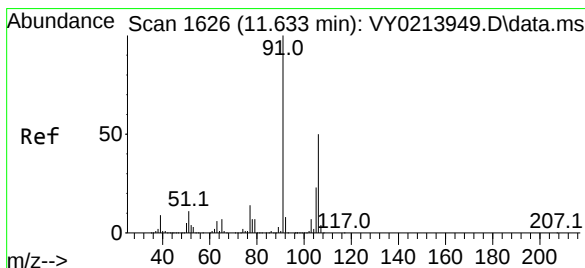
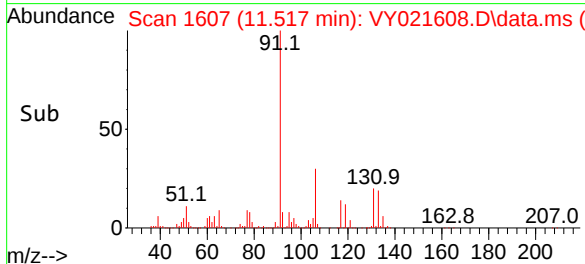
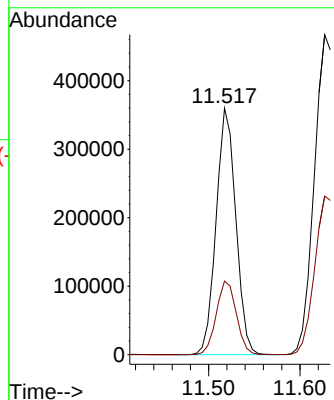
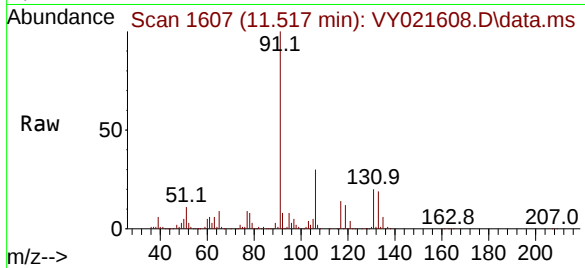




#67  
Ethyl Benzene  
Concen: 52.641 ug/l  
RT: 11.517 min Scan# 1607  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

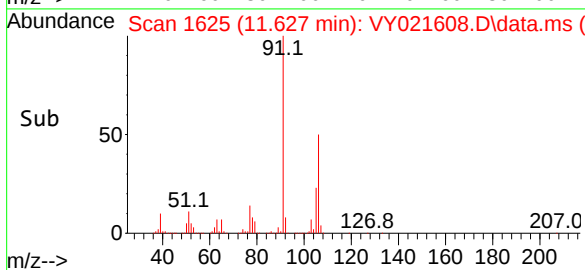
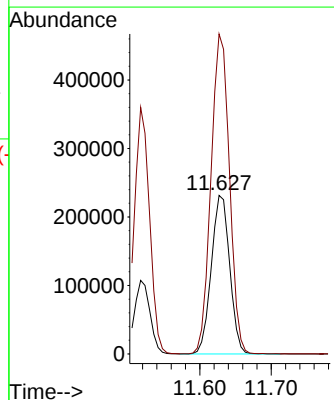
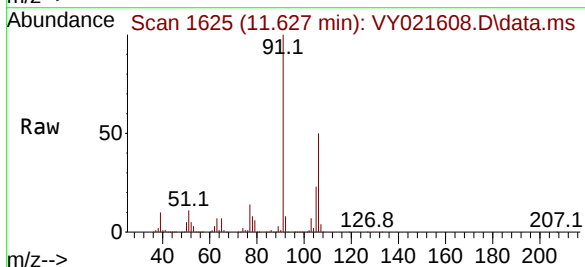
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

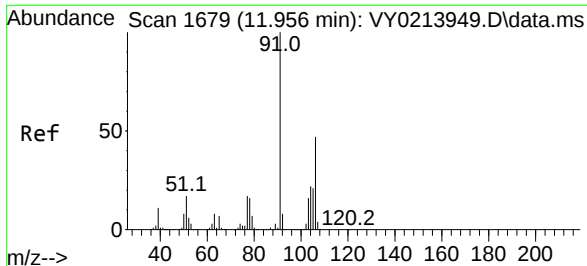
Tgt Ion: 91 Resp: 539719  
Ion Ratio Lower Upper  
91 100  
106 29.8 24.6 36.8



#68  
m/p-Xylenes  
Concen: 106.217 ug/l  
RT: 11.627 min Scan# 1625  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 106 Resp: 413446  
Ion Ratio Lower Upper  
106 100  
91 202.2 161.7 242.5





#69

o-Xylene

Concen: 54.767 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

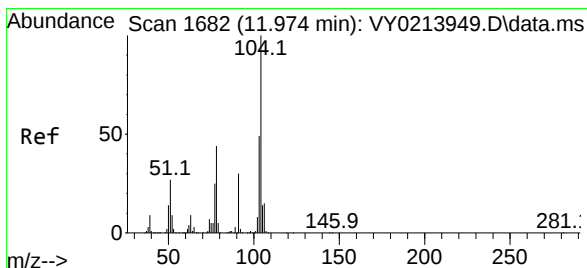
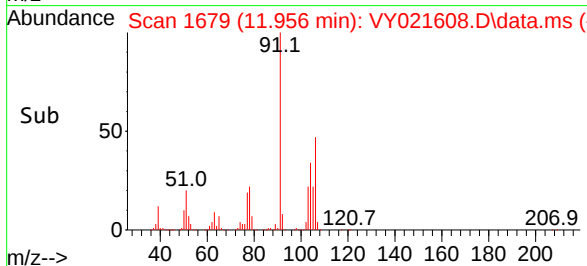
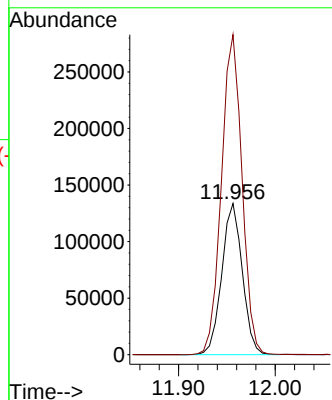
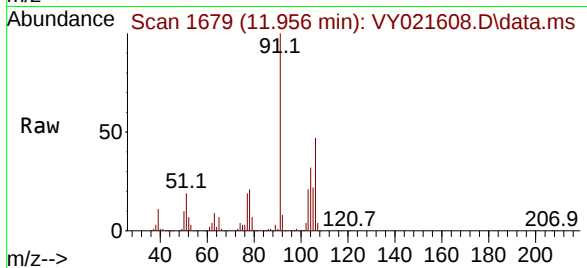
VSTDCCC050EC

Tgt Ion:106 Resp: 196472

Ion Ratio Lower Upper

106 100

91 212.7 107.6 322.8



#70

Styrene

Concen: 57.159 ug/l

RT: 11.968 min Scan# 1681

Delta R.T. -0.006 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

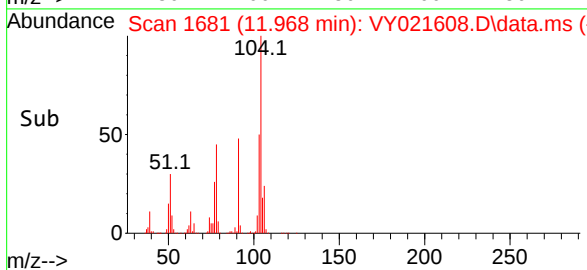
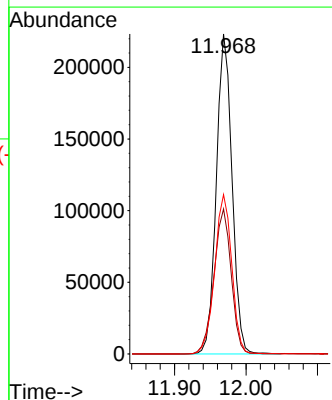
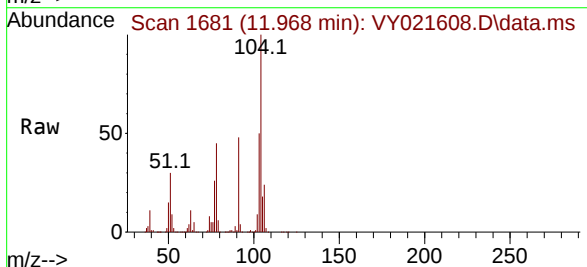
Tgt Ion:104 Resp: 340176

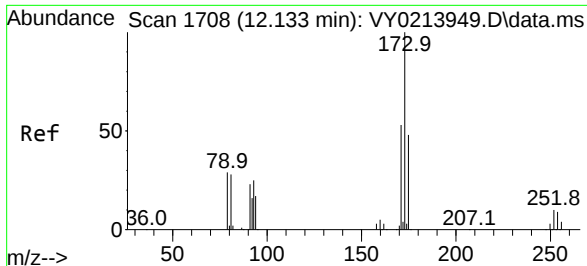
Ion Ratio Lower Upper

104 100

78 50.0 40.7 61.1

103 54.3 44.1 66.1

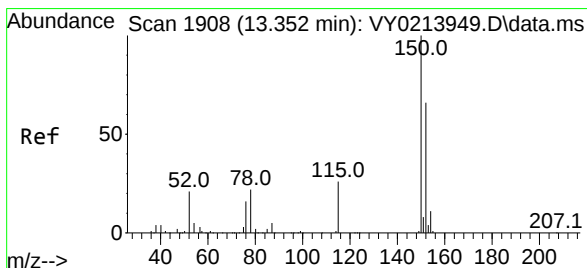
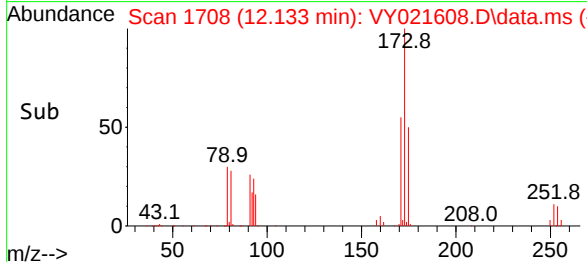
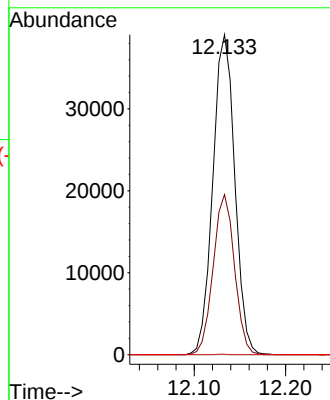
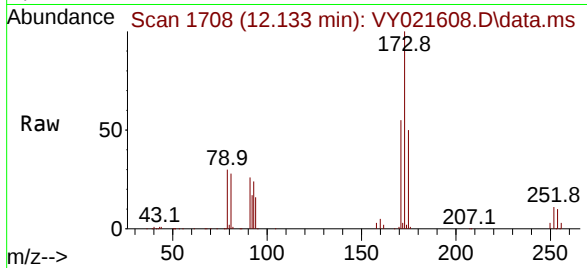




#71  
Bromoform  
Concen: 56.403 ug/l  
RT: 12.133 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

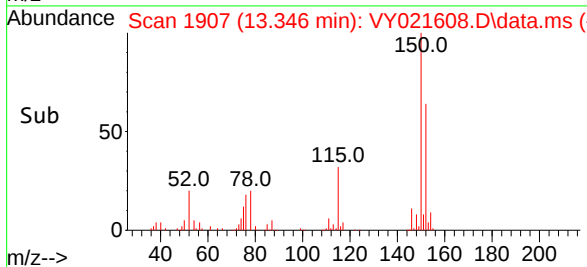
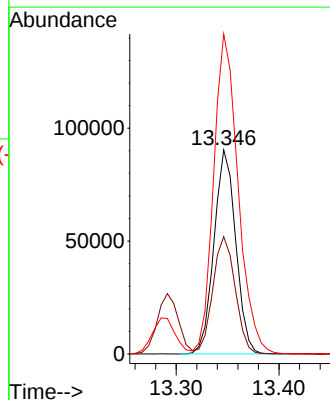
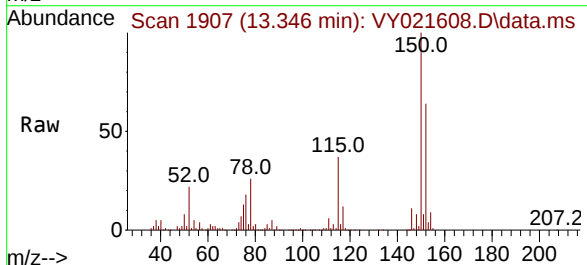
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:173 Resp: 65116  
Ion Ratio Lower Upper  
173 100  
175 48.6 23.9 71.7  
254 0.1 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.346 min Scan# 1907  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion:152 Resp: 132617  
Ion Ratio Lower Upper  
152 100  
115 59.3 29.0 87.0  
150 176.5 0.0 347.2

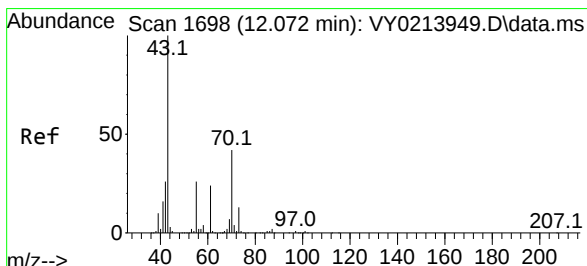
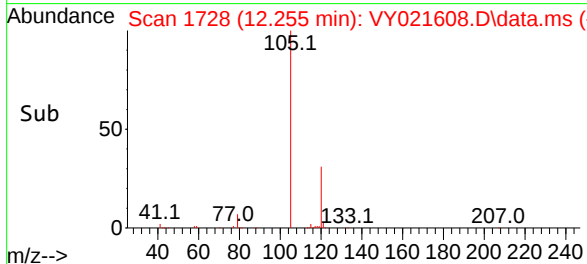
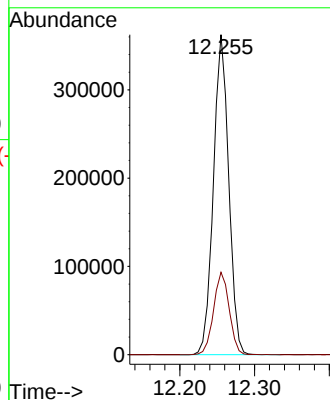
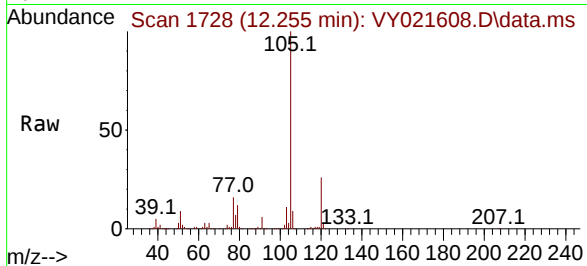




#73  
Isopropylbenzene  
Concen: 49.320 ug/l  
RT: 12.255 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

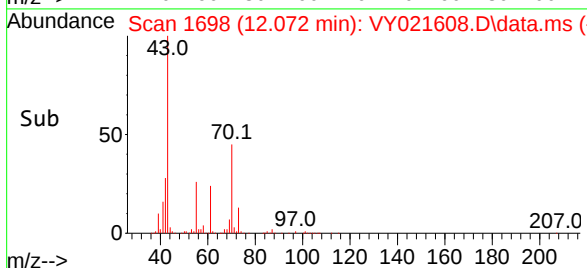
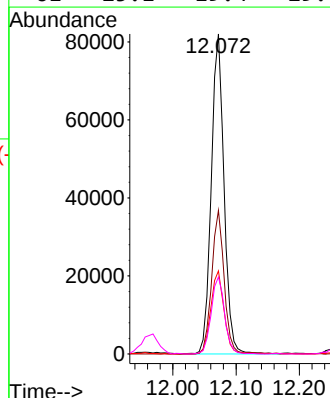
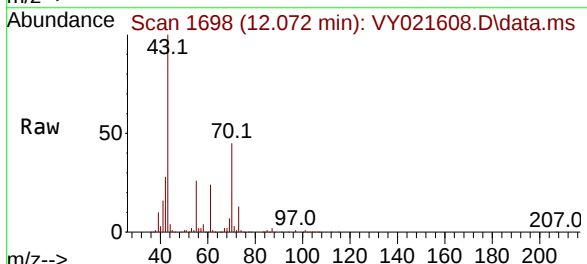
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

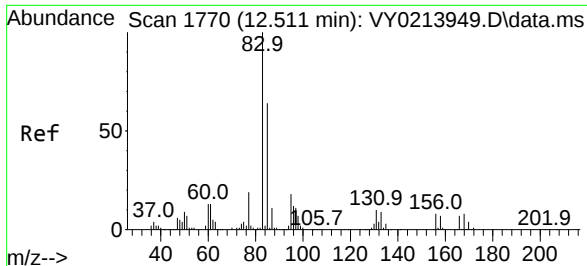
Tgt Ion:105 Resp: 515223  
Ion Ratio Lower Upper  
105 100  
120 26.4 13.1 39.3



#74  
N-ethyl acetate  
Concen: 50.831 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 43 Resp: 115322  
Ion Ratio Lower Upper  
43 100  
70 43.6 34.6 51.8  
55 27.1 21.1 31.7  
61 25.1 19.4 29.0

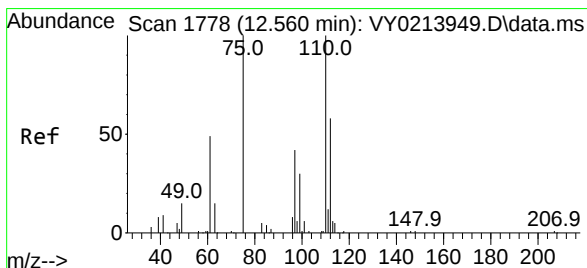
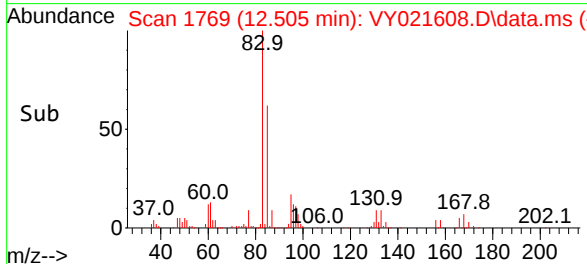
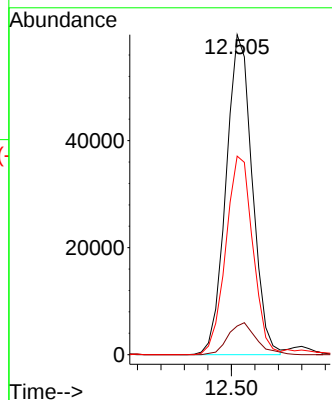
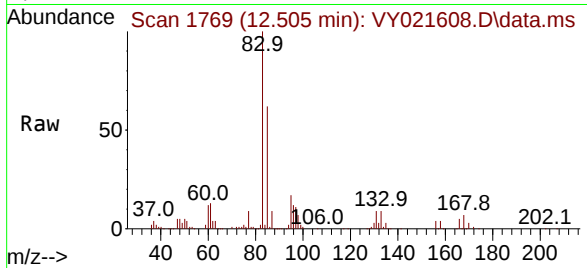




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 50.234 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

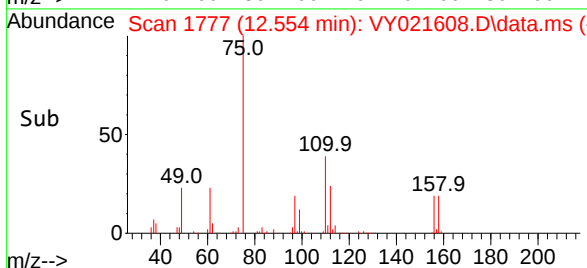
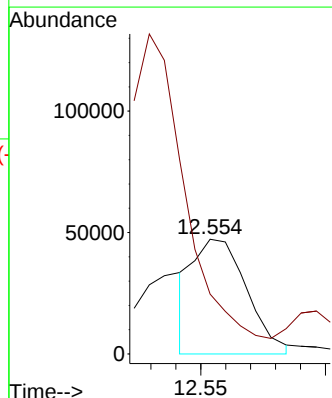
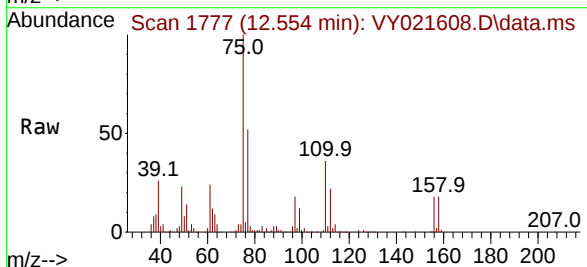
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

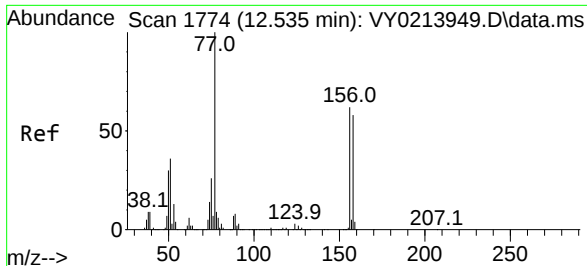
Tgt Ion: 83 Resp: 92604  
 Ion Ratio Lower Upper  
 83 100  
 131 10.8 5.3 16.1  
 85 64.1 31.9 95.5



#76  
 1,2,3-Trichloropropane  
 Concen: 52.995 ug/l m  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 70820  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

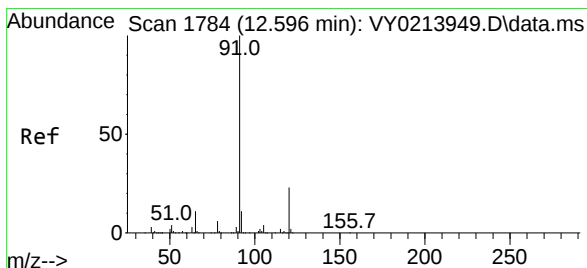
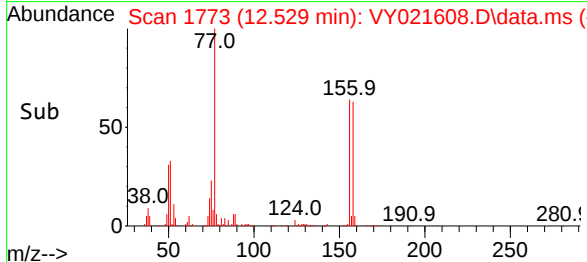
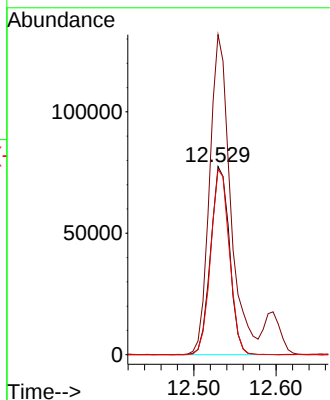
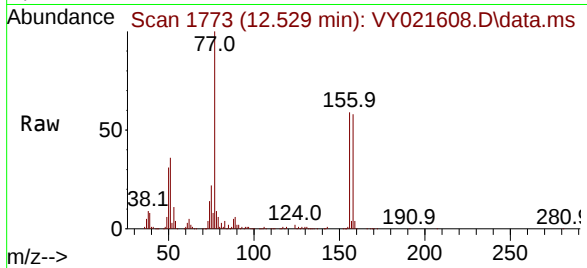




#77  
Bromobenzene  
Concen: 50.571 ug/l  
RT: 12.529 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

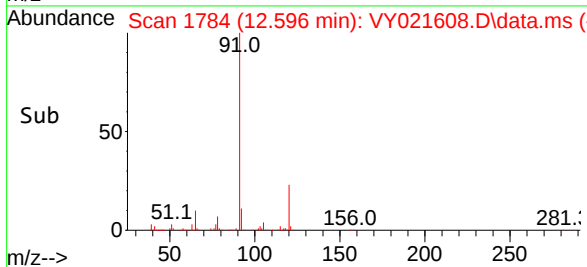
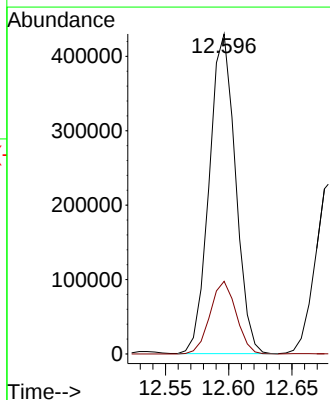
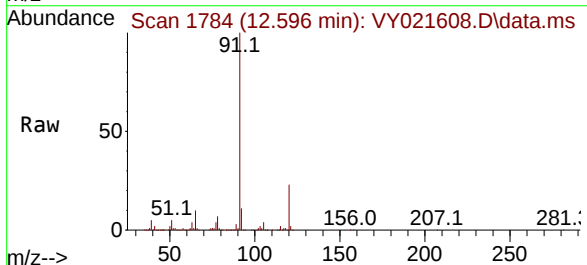
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

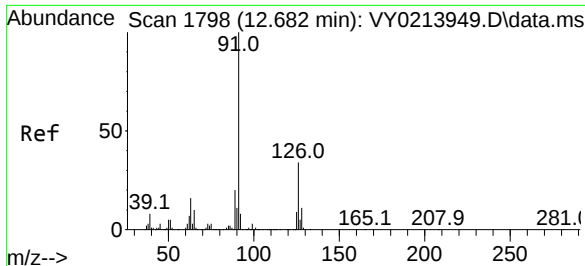
Tgt Ion:156 Resp: 123594  
Ion Ratio Lower Upper  
156 100  
77 188.0 93.6 280.8  
158 97.6 48.3 144.8



#78  
n-propylbenzene  
Concen: 48.869 ug/l  
RT: 12.596 min Scan# 1784  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 91 Resp: 620007  
Ion Ratio Lower Upper  
91 100  
120 22.5 11.3 33.8

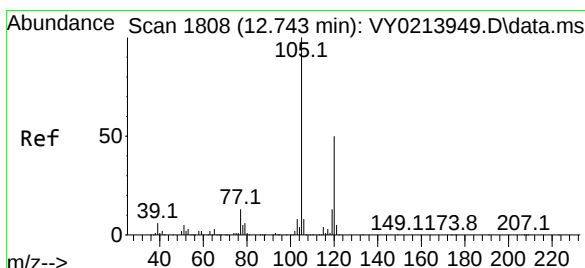
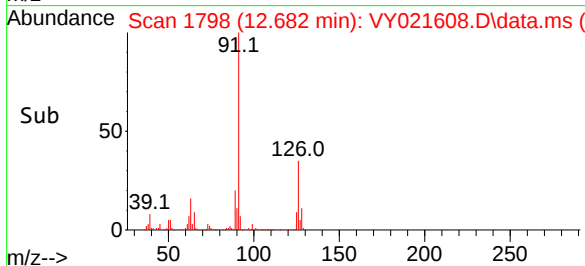
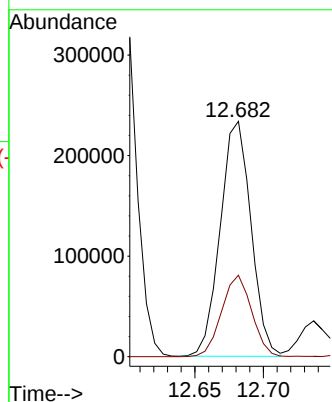
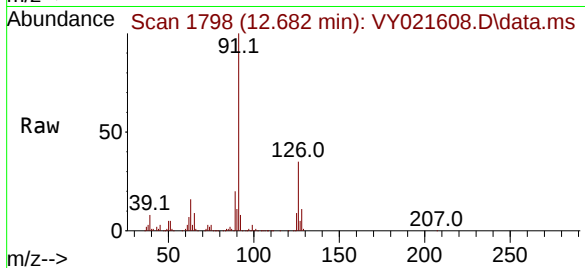




#79  
2-Chlorotoluene  
Concen: 50.389 ug/l  
RT: 12.682 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

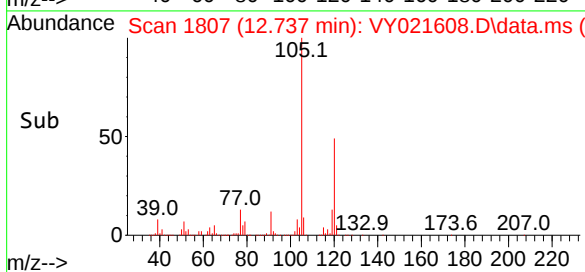
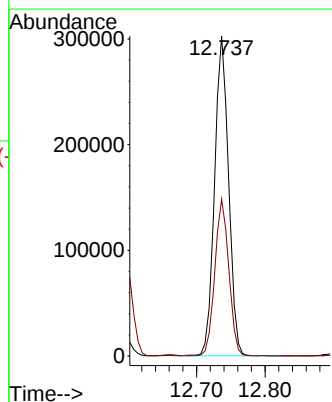
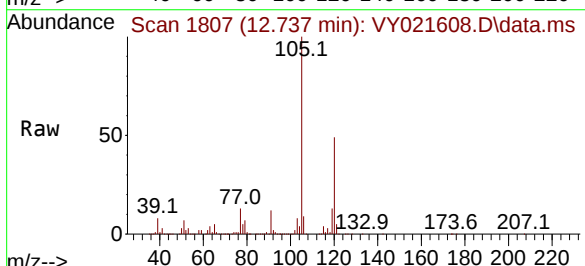
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

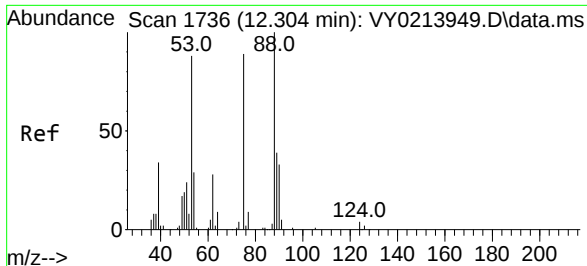
Tgt Ion: 91 Resp: 365543  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.2 51.6



#80  
1,3,5-Trimethylbenzene  
Concen: 50.439 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion: 105 Resp: 428203  
Ion Ratio Lower Upper  
105 100  
120 49.0 24.6 73.6

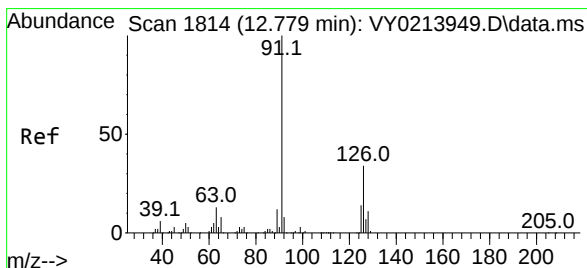
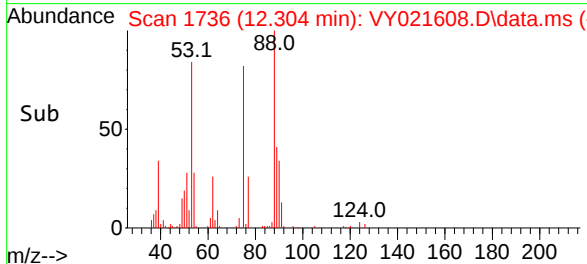
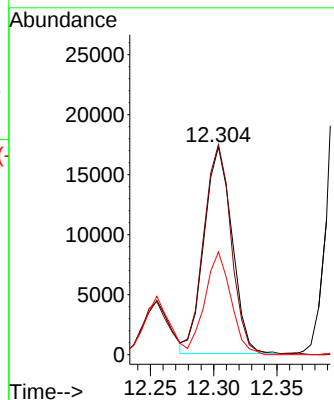
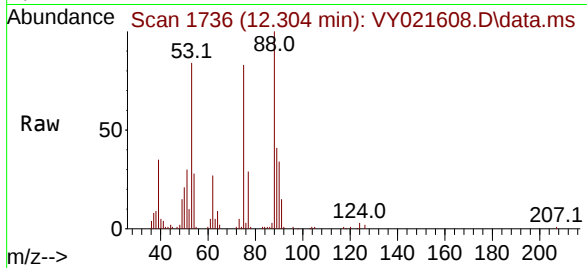




#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.098 ug/l  
RT: 12.304 min Scan# 1736  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

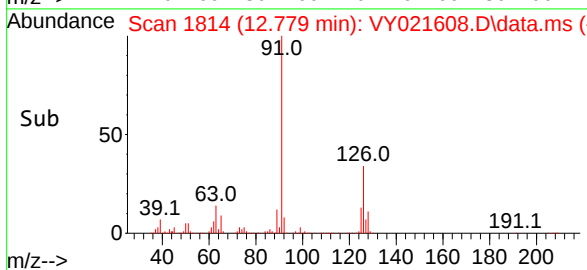
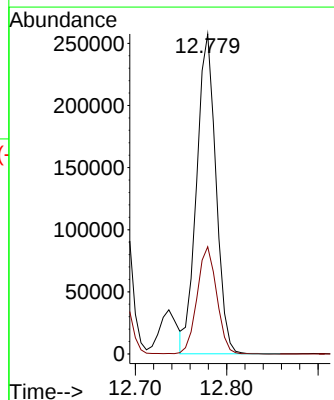
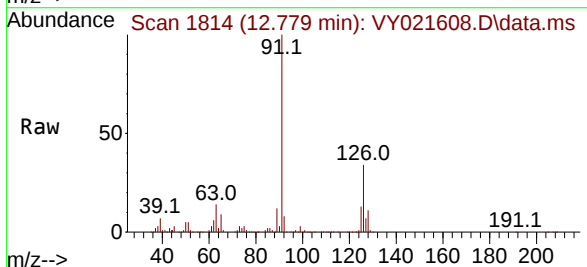
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

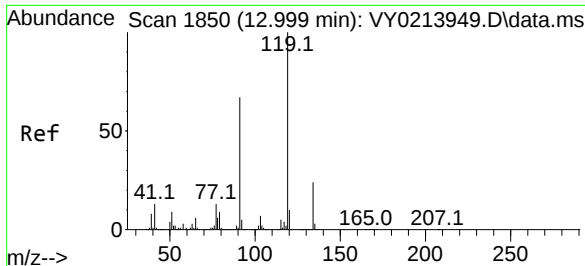
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 26511 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 101.4 | 81.0  | 121.4 |
| 89       | 46.1  | 36.9  | 55.3  |



#82  
4-Chlorotoluene  
Concen: 50.111 ug/l  
RT: 12.779 min Scan# 1814  
Delta R.T. 0.000 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 91    | Resp: | 376441 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 126      | 34.2  | 17.0  | 51.0   |

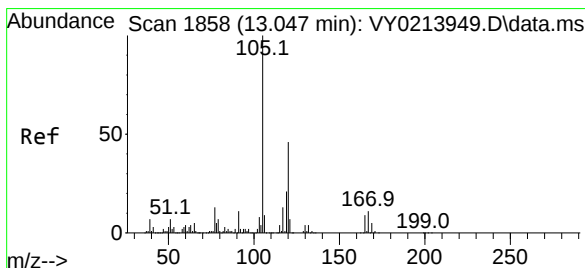
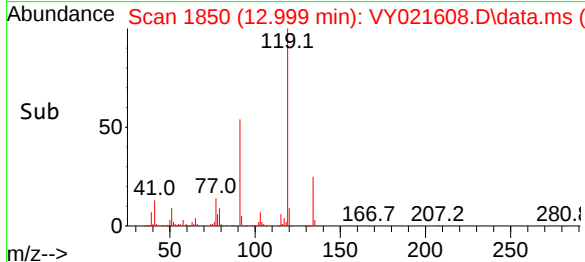
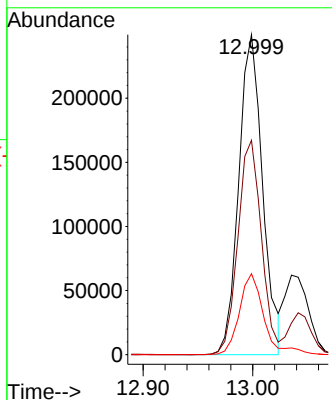
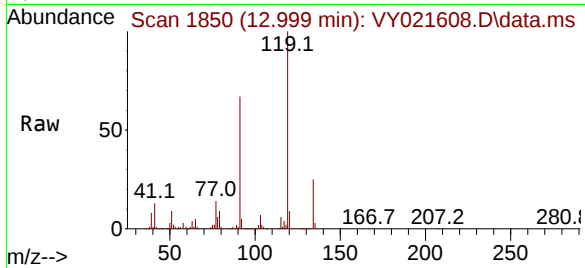




#83  
 tert-Butylbenzene  
 Concen: 49.756 ug/l  
 RT: 12.999 min Scan# 1850  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

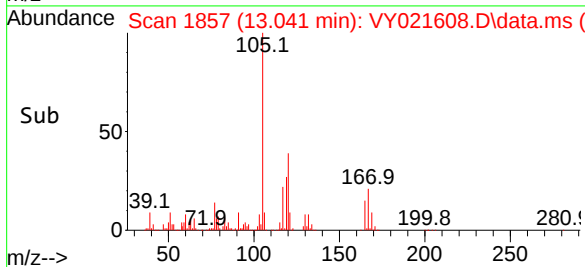
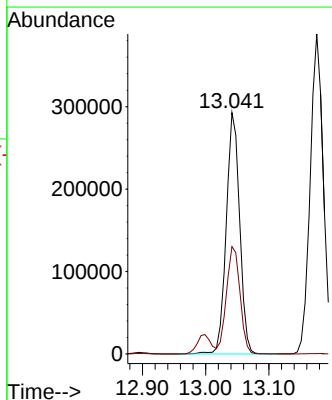
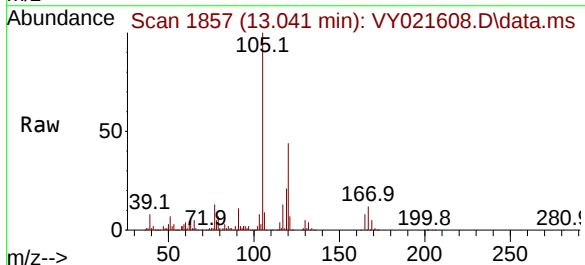
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

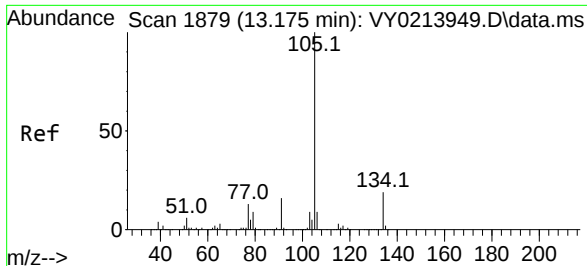
Tgt Ion:119 Resp: 376824  
 Ion Ratio Lower Upper  
 119 100  
 91 66.2 33.2 99.6  
 134 26.1 13.5 40.5



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.977 ug/l  
 RT: 13.041 min Scan# 1857  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion:105 Resp: 429689  
 Ion Ratio Lower Upper  
 105 100  
 120 45.1 22.7 68.1

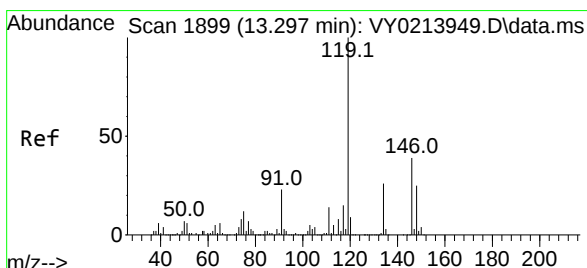
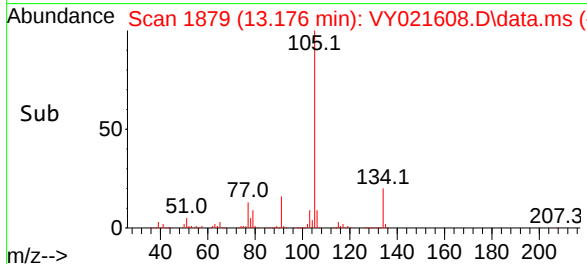
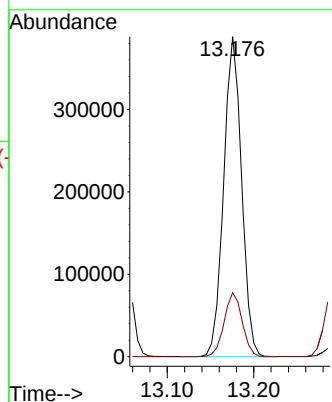
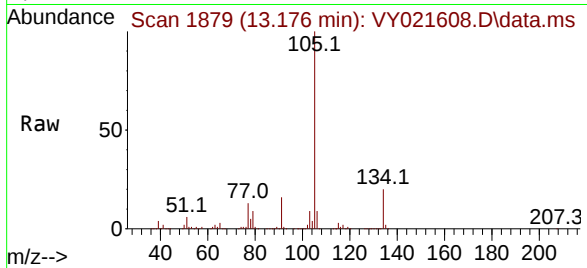




#85  
 sec-Butylbenzene  
 Concen: 49.430 ug/l  
 RT: 13.176 min Scan# 1879  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

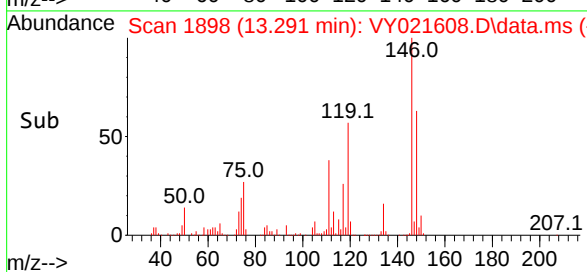
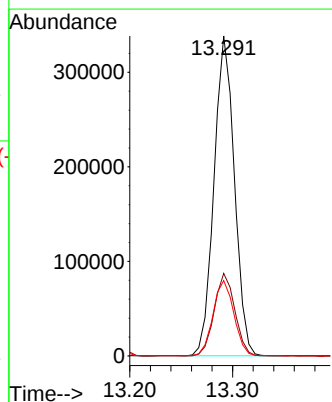
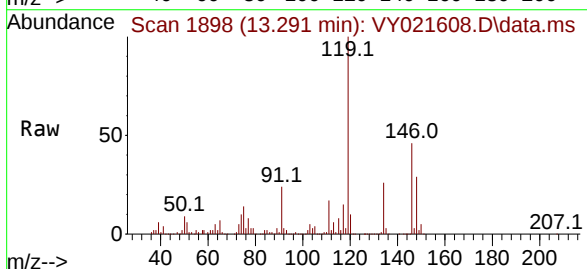
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

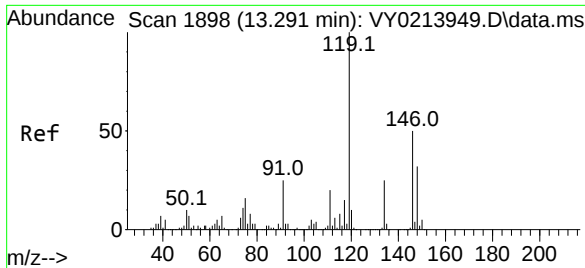
Tgt Ion:105 Resp: 556991  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 9.9 29.7



#86  
 p-Isopropyltoluene  
 Concen: 50.096 ug/l  
 RT: 13.291 min Scan# 1898  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion:119 Resp: 465053  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 24.3 12.2 36.6

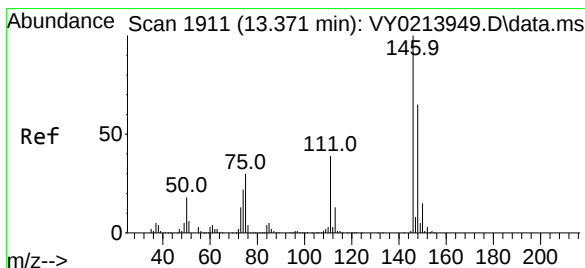
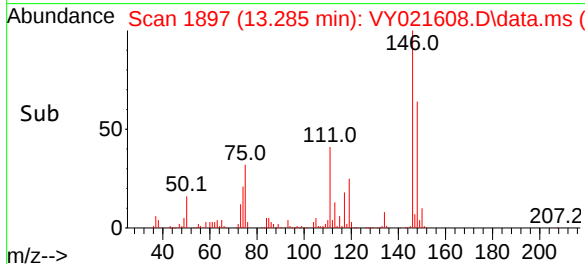
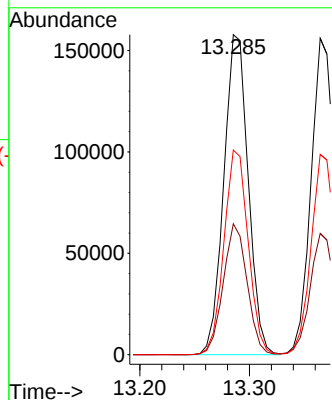
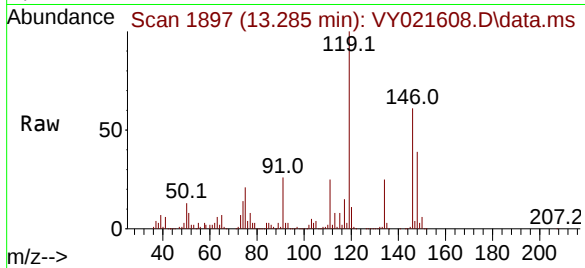




#87  
 1,3-Dichlorobenzene  
 Concen: 50.245 ug/l  
 RT: 13.285 min Scan# 1897  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

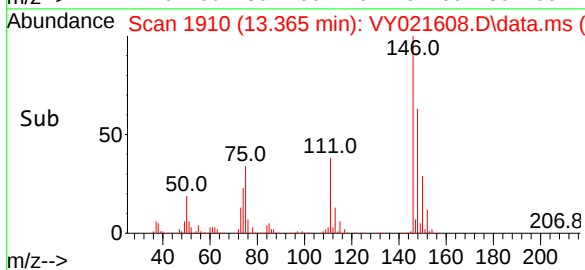
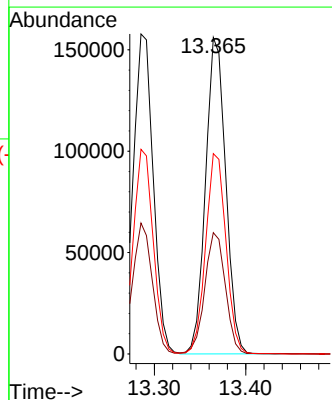
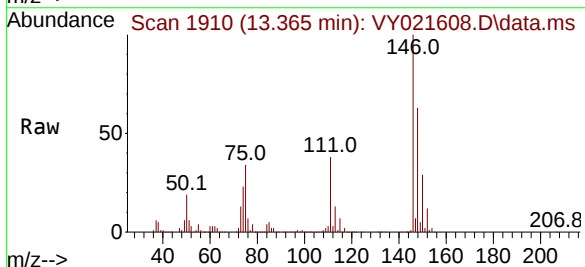
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

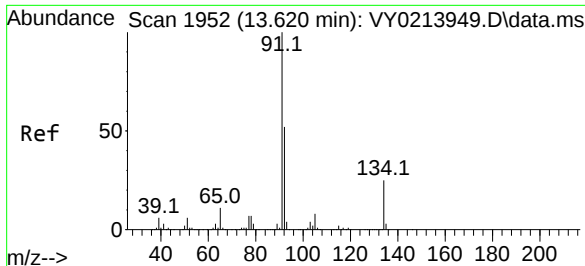
Tgt Ion:146 Resp: 244436  
 Ion Ratio Lower Upper  
 146 100  
 111 40.0 20.0 60.0  
 148 63.5 31.8 95.3



#88  
 1,4-Dichlorobenzene  
 Concen: 50.170 ug/l  
 RT: 13.365 min Scan# 1910  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion:146 Resp: 238696  
 Ion Ratio Lower Upper  
 146 100  
 111 39.1 19.6 58.8  
 148 64.1 32.3 96.8





#89

n-Butylbenzene

Concen: 49.595 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY021608.D

Acq: 21 Mar 2025 18:32

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050EC

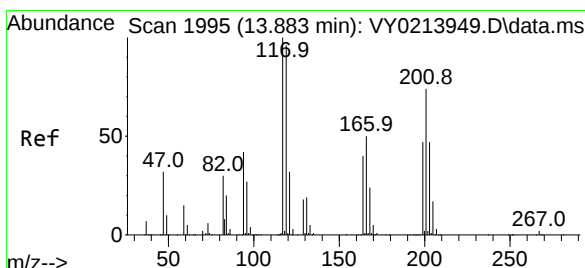
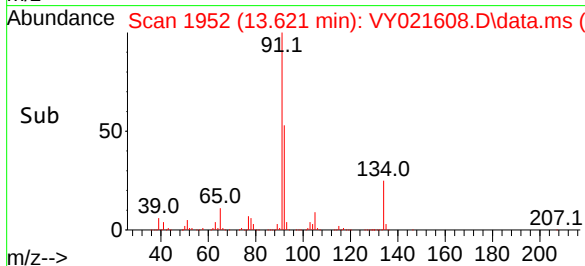
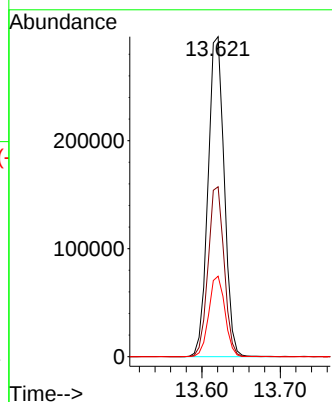
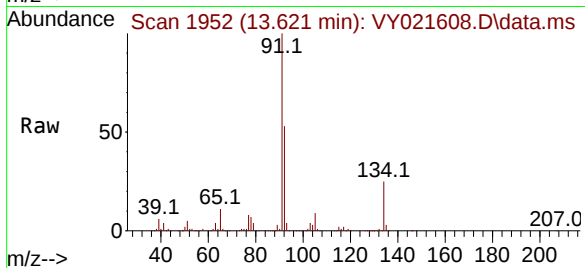
Tgt Ion: 91 Resp: 425141

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.3

134 25.1 12.6 37.8



#90

Hexachloroethane

Concen: 49.848 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY021608.D

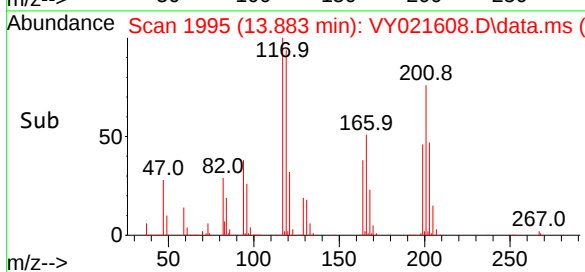
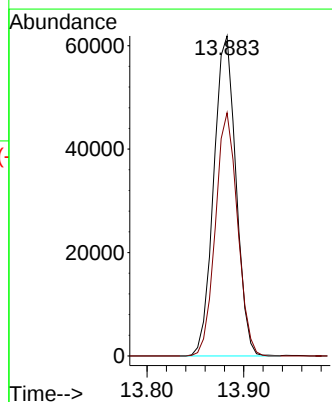
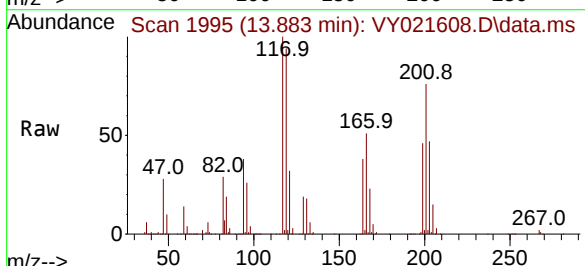
Acq: 21 Mar 2025 18:32

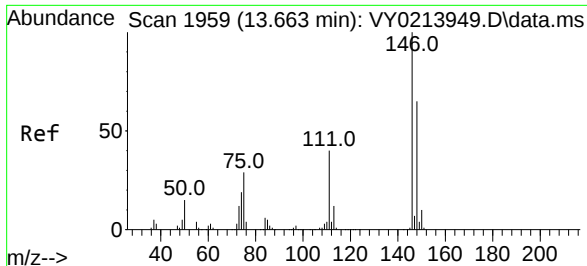
Tgt Ion: 117 Resp: 98721

Ion Ratio Lower Upper

117 100

201 75.4 37.4 112.2

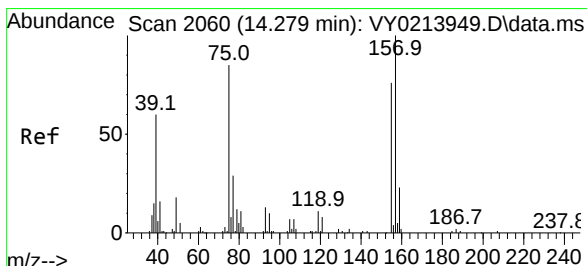
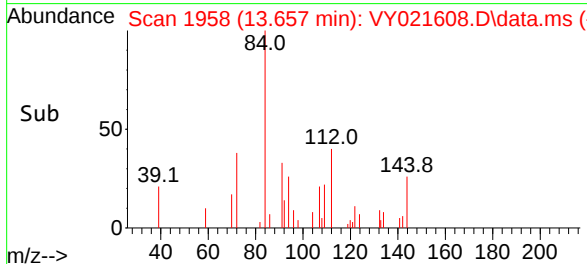
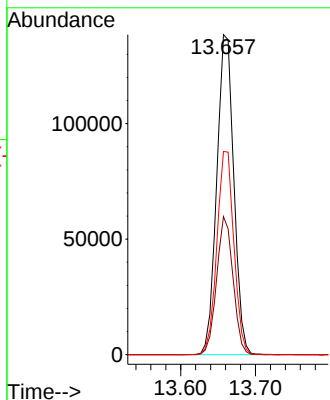
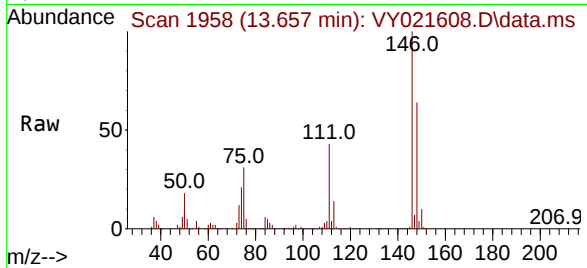




#91  
 1,2-Dichlorobenzene  
 Concen: 52.669 ug/l  
 RT: 13.657 min Scan# 1958  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

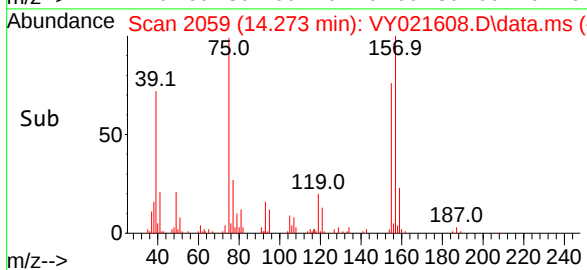
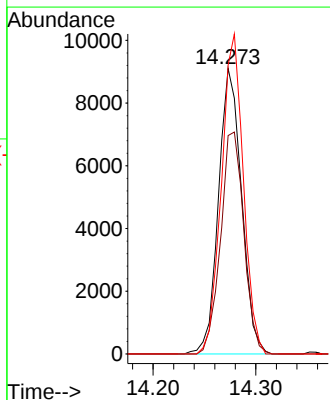
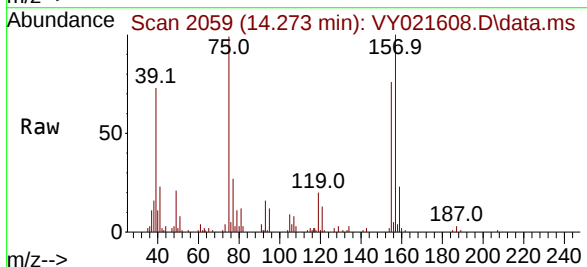
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

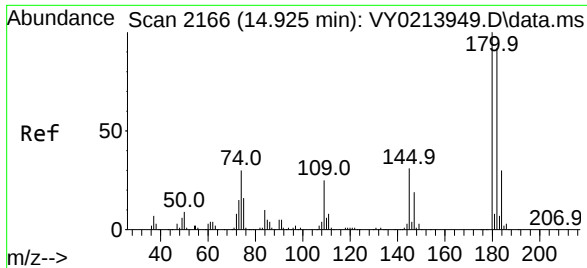
Tgt Ion:146 Resp: 219610  
 Ion Ratio Lower Upper  
 146 100  
 111 41.4 20.7 62.1  
 148 63.4 32.1 96.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 51.332 ug/l  
 RT: 14.273 min Scan# 2059  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion: 75 Resp: 14175  
 Ion Ratio Lower Upper  
 75 100  
 155 78.2 43.5 130.5  
 157 106.4 54.4 163.2

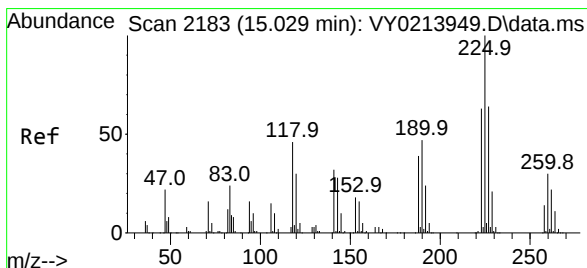
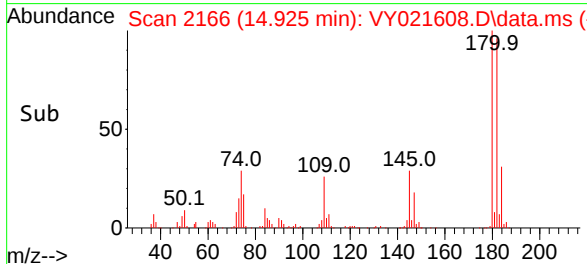
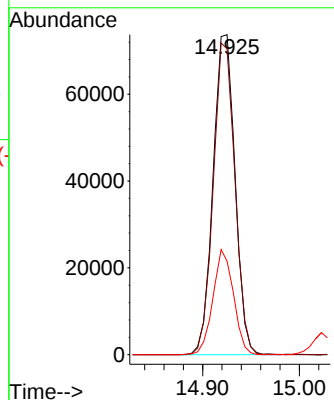
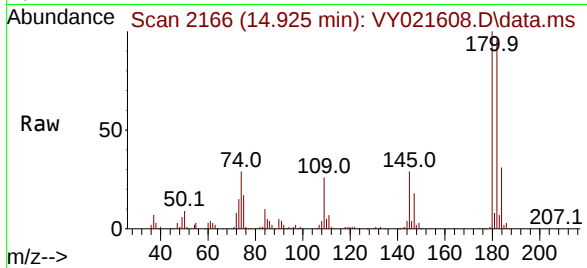




#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.969 ug/l  
 RT: 14.925 min Scan# 2166  
 Delta R.T. 0.000 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

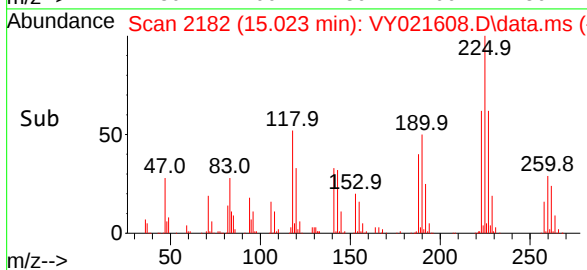
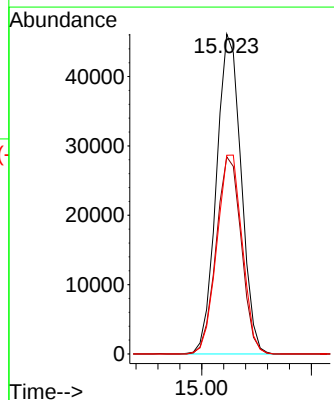
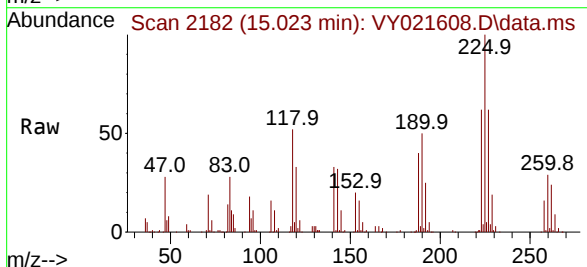
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

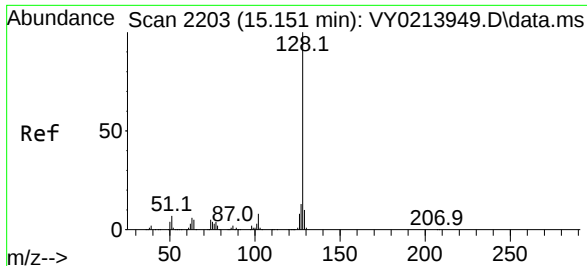
Tgt Ion:180 Resp: 116078  
 Ion Ratio Lower Upper  
 180 100  
 182 96.2 46.7 140.0  
 145 30.8 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 50.625 ug/l  
 RT: 15.023 min Scan# 2182  
 Delta R.T. -0.006 min  
 Lab File: VY021608.D  
 Acq: 21 Mar 2025 18:32

Tgt Ion:225 Resp: 72273  
 Ion Ratio Lower Upper  
 225 100  
 223 62.7 31.4 94.2  
 227 63.8 31.8 95.4

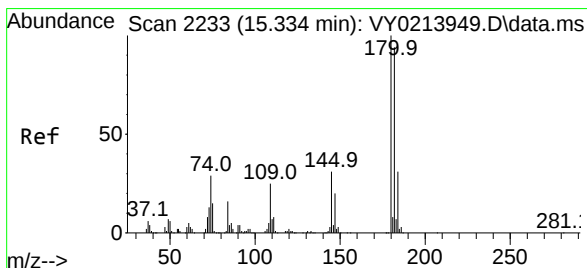
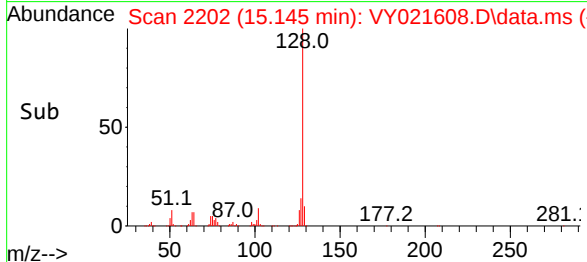
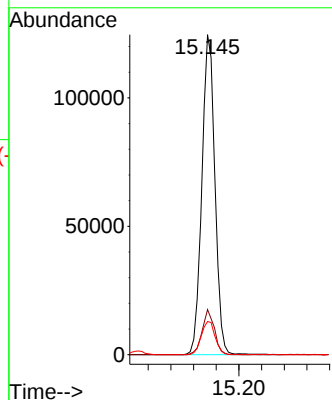
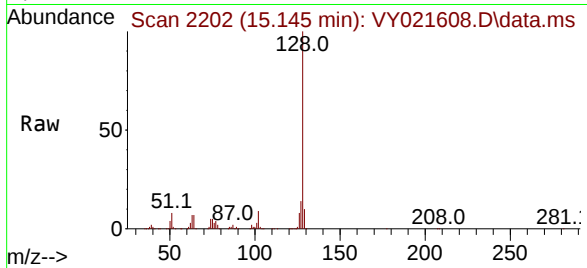




#95  
Naphthalene  
Concen: 51.600 ug/l  
RT: 15.145 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 199427  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.6 15.8  
129 11.0 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 52.517 ug/l  
RT: 15.328 min Scan# 2232  
Delta R.T. -0.006 min  
Lab File: VY021608.D  
Acq: 21 Mar 2025 18:32

Tgt Ion:180 Resp: 100593  
Ion Ratio Lower Upper  
180 100  
182 95.5 47.2 141.6  
145 33.6 16.4 49.1

