

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY050125\  
 Data File : VY022095.D  
 Acq On : 01 May 2025 08:50  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 01 12:52:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 23 02:30:30 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 300031   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.616  | 114  | 433614   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.420 | 117  | 410078   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.347 | 152  | 227184   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 129452   | 46.711   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 93.420%  |
| 35) Dibromofluoromethane    | 7.634  | 113   | 145369   | 50.745   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.500% |
| 50) Toluene-d8              | 10.109 | 98    | 550662   | 50.988   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 101.980% |
| 62) 4-Bromofluorobenzene    | 12.408 | 95    | 185315   | 50.971   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 101.940% |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.867 | 85  | 107755 | 42.149  | ug/l   | 100 |
| 3) Chloromethane             | 2.068 | 50  | 162561 | 44.656  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.202 | 62  | 203141 | 45.411  | ug/l   | 98  |
| 5) Bromomethane              | 2.592 | 94  | 153399 | 39.803  | ug/l   | 98  |
| 6) Chloroethane              | 2.733 | 64  | 136234 | 44.717  | ug/l   | 96  |
| 7) Trichlorofluoromethane    | 3.056 | 101 | 267266 | 45.309  | ug/l   | 98  |
| 8) Diethyl Ether             | 3.458 | 74  | 65627  | 42.745  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 145092 | 45.342  | ug/l   | 98  |
| 10) Methyl Iodide            | 4.001 | 142 | 166199 | 44.860  | ug/l   | 98  |
| 11) Tert butyl alcohol       | 4.879 | 59  | 36425  | 239.412 | ug/l # | 87  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 132167 | 44.312  | ug/l   | 97  |
| 13) Acrolein                 | 3.653 | 56  | 46426  | 170.015 | ug/l   | 99  |
| 14) Allyl chloride           | 4.385 | 41  | 149377 | 43.012  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.061 | 53  | 131912 | 234.690 | ug/l   | 99  |
| 16) Acetone                  | 3.873 | 43  | 93527  | 258.562 | ug/l   | 93  |
| 17) Carbon Disulfide         | 4.104 | 76  | 411563 | 43.277  | ug/l   | 100 |
| 18) Methyl Acetate           | 4.385 | 43  | 67887  | 52.440  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.116 | 73  | 309344 | 46.339  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.610 | 84  | 146445 | 41.790  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.116 | 96  | 152494 | 45.652  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.019 | 45  | 358660 | 46.406  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.958 | 43  | 972154 | 233.397 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 5.915 | 63  | 236343 | 44.117  | ug/l   | 98  |
| 25) 2-Butanone               | 6.896 | 43  | 149979 | 237.416 | ug/l   | 100 |
| 26) 2,2-Dichloropropane      | 6.884 | 77  | 216277 | 46.061  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 6.890 | 96  | 171041 | 45.794  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.238 | 49  | 102077 | 49.056  | ug/l   | 95  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 100678 | 245.385 | ug/l   | 97  |
| 30) Chloroform               | 7.421 | 83  | 275742 | 46.403  | ug/l   | 100 |
| 31) Cyclohexane              | 7.701 | 56  | 199607 | 43.571  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 244709 | 45.518  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 186977 | 48.590  | ug/l   | 100 |
| 37) Ethyl Acetate            | 6.988 | 43  | 70801  | 51.230  | ug/l   | 97  |
| 38) Carbon Tetrachloride     | 7.817 | 117 | 229097 | 49.824  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.110 | 83  | 238404 | 49.231  | ug/l   | 96  |
| 40) Benzene                  | 8.079 | 78  | 593961 | 49.378  | ug/l   | 98  |

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 Sample : VSTDCCC050  
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Quant Time: May 01 12:52:18 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Apr 23 02:30:30 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.220  | 41   | 34133    | 45.180   | ug/l # | 86       |
| 42) 1,2-Dichloroethane        | 8.158  | 62   | 150849   | 50.652   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.195  | 43   | 130927   | 49.331   | ug/l   | 99       |
| 44) Trichloroethene           | 8.866  | 130  | 166940   | 50.105   | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 131749   | 49.528   | ug/l   | 97       |
| 46) Dibromomethane            | 9.231  | 93   | 84979    | 51.032   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.427  | 83   | 209708   | 50.411   | ug/l   | 100      |
| 48) Methyl methacrylate       | 9.219  | 41   | 64491    | 52.563   | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.231  | 88   | 19493    | 1098.297 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone      | 10.000 | 43   | 381378   | 274.117  | ug/l   | 99       |
| 52) Toluene                   | 10.170 | 92   | 401133   | 51.517   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.396 | 75   | 180292   | 50.528   | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 209730   | 49.447   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane     | 10.573 | 97   | 115966   | 52.135   | ug/l   | 98       |
| 56) Ethyl methacrylate        | 10.439 | 69   | 133143   | 52.343   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.719 | 76   | 182342   | 51.135   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 9.713  | 63   | 351579   | 282.693  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.762 | 43   | 255399   | 278.311  | ug/l   | 99       |
| 60) Dibromochloromethane      | 10.914 | 129  | 160702   | 52.183   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 108715   | 51.771   | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.646 | 164  | 197335   | 51.010   | ug/l   | 99       |
| 65) Chlorobenzene             | 11.444 | 112  | 442124   | 48.212   | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.518 | 131  | 160317   | 49.657   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.518 | 91   | 742816   | 49.517   | ug/l   | 99       |
| 68) m/p-Xylenes               | 11.627 | 106  | 610976   | 102.352  | ug/l   | 99       |
| 69) o-Xylene                  | 11.957 | 106  | 277219   | 50.386   | ug/l   | 98       |
| 70) Styrene                   | 11.969 | 104  | 480407   | 52.004   | ug/l   | 99       |
| 71) Bromoform                 | 12.133 | 173  | 97556    | 51.974   | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.255 | 105  | 727842   | 47.953   | ug/l   | 99       |
| 74) N-amyl acetate            | 12.072 | 43   | 120776   | 46.314   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 120473   | 47.078   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.560 | 75   | 163011   | 83.770   | ug/l # | 100      |
| 77) Bromobenzene              | 12.536 | 156  | 186160   | 48.538   | ug/l   | 99       |
| 78) n-propylbenzene           | 12.597 | 91   | 874536   | 48.382   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.682 | 91   | 498448   | 47.417   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.737 | 105  | 613435   | 49.051   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.304 | 75   | 38218    | 47.296   | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.780 | 91   | 523473   | 47.904   | ug/l   | 98       |
| 83) tert-Butylbenzene         | 12.999 | 119  | 538982   | 48.054   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.042 | 105  | 621868   | 49.714   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.176 | 105  | 800547   | 48.777   | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.292 | 119  | 689548   | 49.477   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 371168   | 47.649   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.365 | 146  | 364925   | 47.301   | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.621 | 91   | 597694   | 47.980   | ug/l   | 99       |
| 90) Hexachloroethane          | 13.883 | 117  | 142735   | 46.615   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 324218   | 47.720   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropr... | 14.273 | 75   | 19397    | 47.643   | ug/l   | 95       |
| 93) 1,2,4-Trichlorobenzene    | 14.919 | 180  | 182261   | 47.340   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.023 | 225  | 111490   | 47.066   | ug/l   | 99       |
| 95) Naphthalene               | 15.145 | 128  | 304421   | 47.598   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.328 | 180  | 158454   | 47.678   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

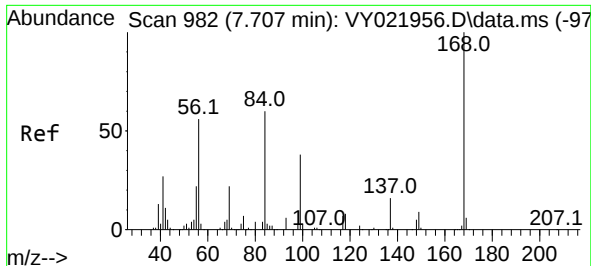
Quant Time: May 01 12:52:18 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 23 02:30:30 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y042225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Apr 23 02:30:30 2025  
Response via : Initial Calibration

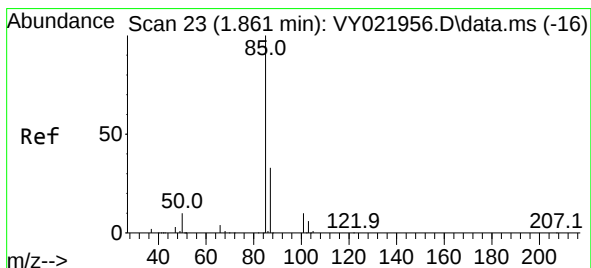
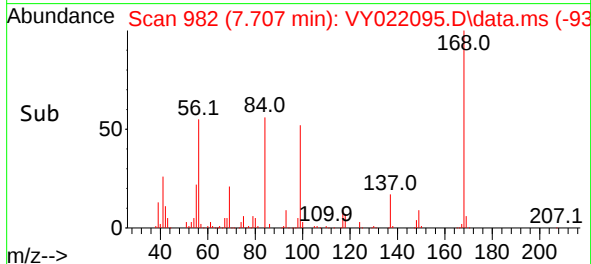
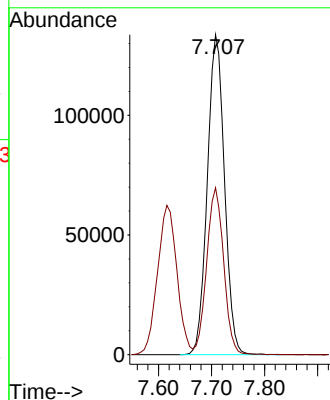
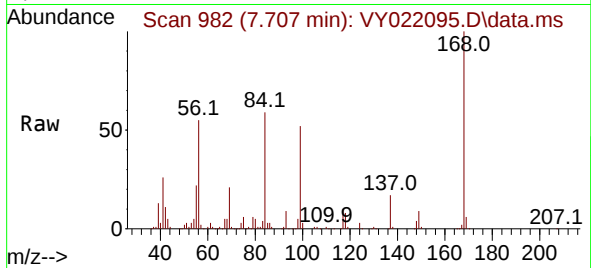




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

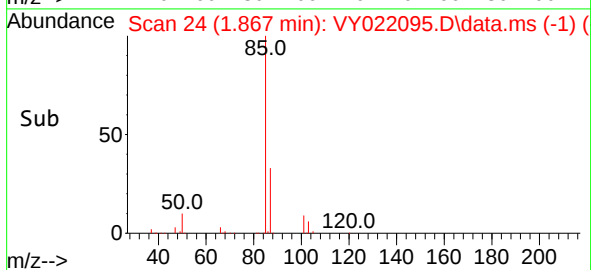
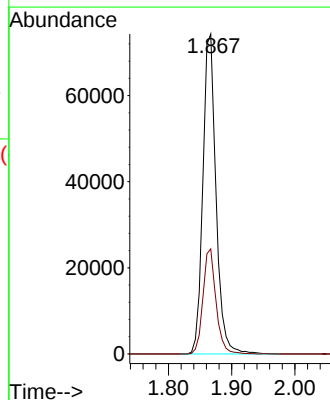
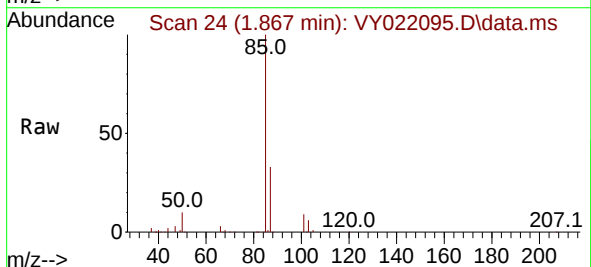
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

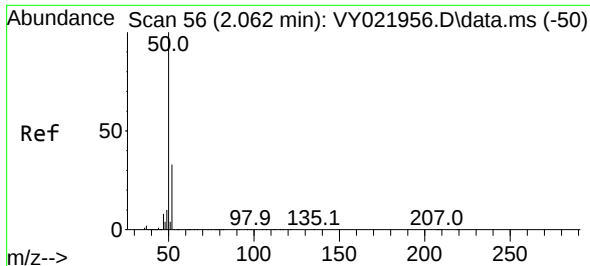
Tgt Ion:168 Resp: 300031  
Ion Ratio Lower Upper  
168 100  
99 52.1 43.1 64.7



#2  
Dichlorodifluoromethane  
Concen: 42.149 ug/l  
RT: 1.867 min Scan# 24  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 85 Resp: 107755  
Ion Ratio Lower Upper  
85 100  
87 32.8 16.6 49.7

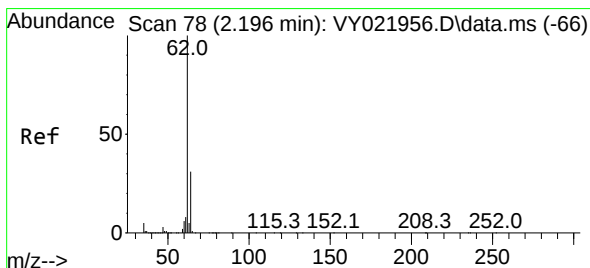
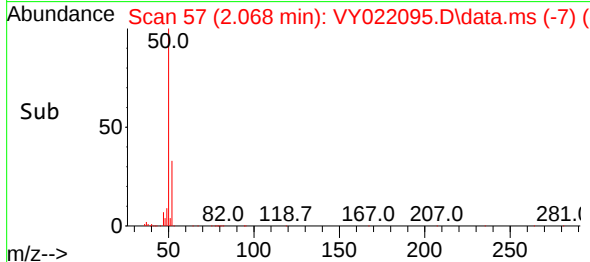
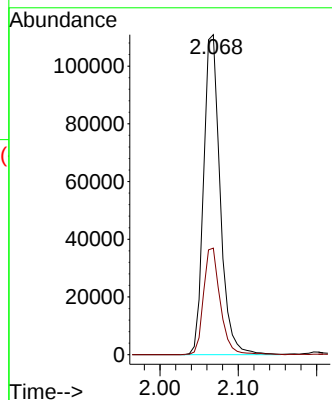
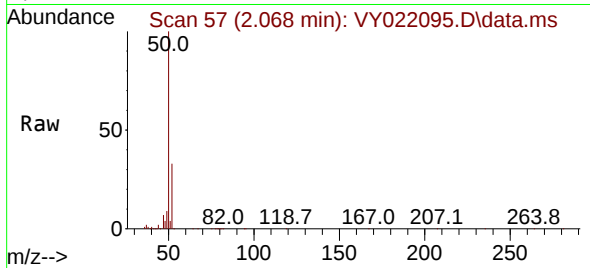




#3  
Chloromethane  
Concen: 44.656 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

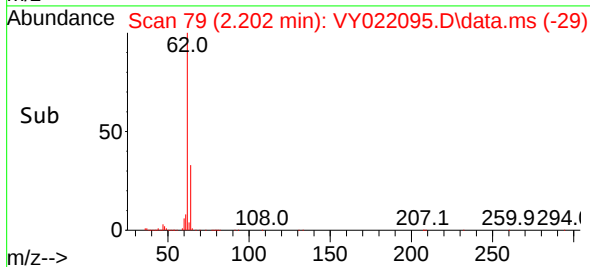
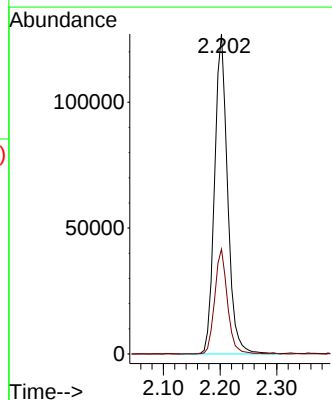
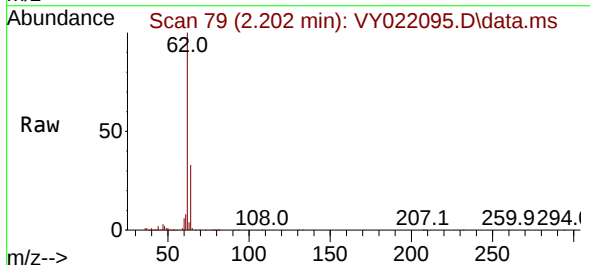
Instrument :  
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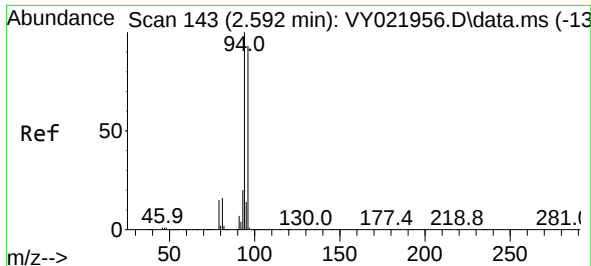
Tgt Ion: 50 Resp: 162561  
Ion Ratio Lower Upper  
50 100  
52 33.3 26.1 39.1



#4  
Vinyl Chloride  
Concen: 45.411 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 203141  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.1 37.7

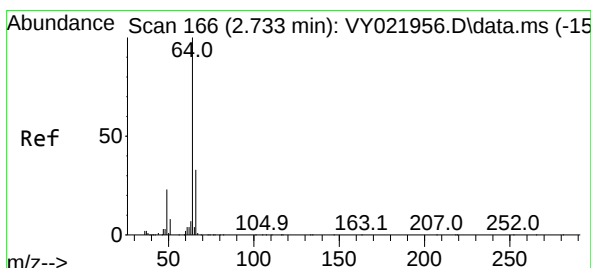
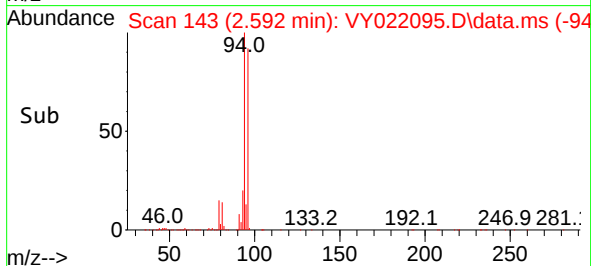
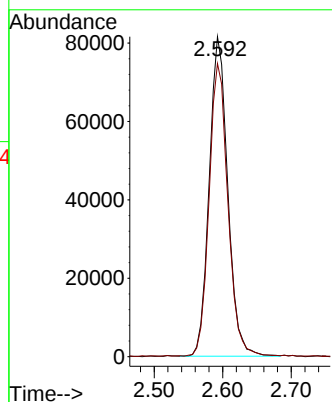
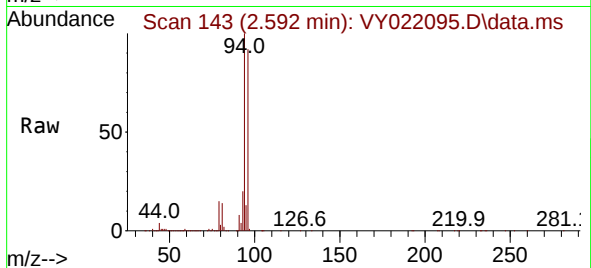




#5  
Bromomethane  
Concen: 39.803 ug/l  
RT: 2.592 min Scan# 143  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

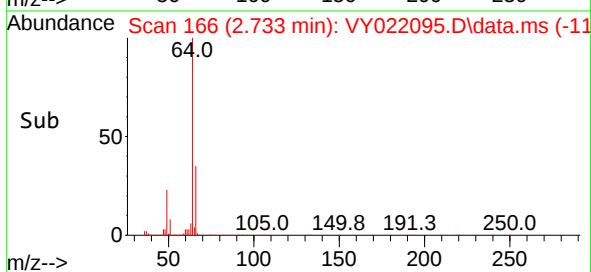
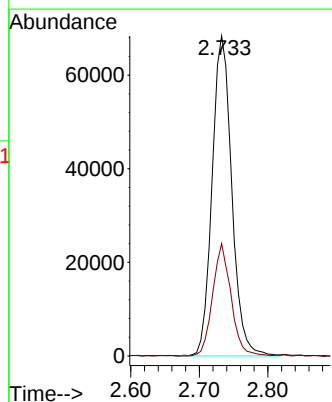
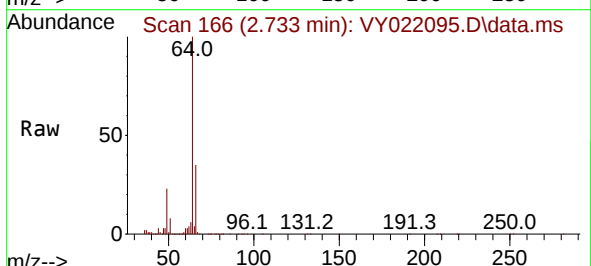
Instrument :  
MSVOA\_Y  
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VSTDCCC050

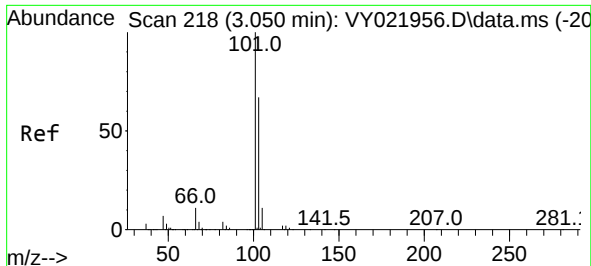
Tgt Ion: 94 Resp: 153399  
Ion Ratio Lower Upper  
94 100  
96 91.4 74.6 111.8



#6  
Chloroethane  
Concen: 44.717 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 64 Resp: 136234  
Ion Ratio Lower Upper  
64 100  
66 35.1 26.2 39.4

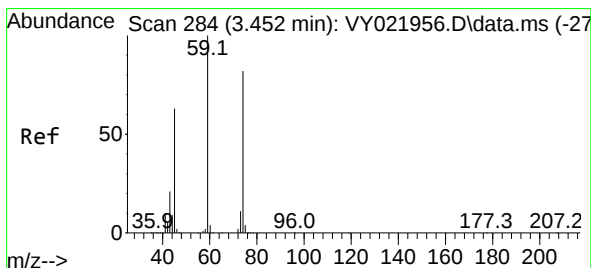
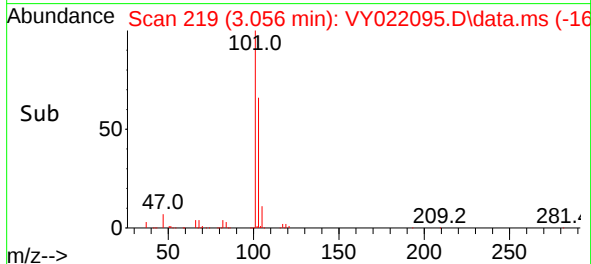
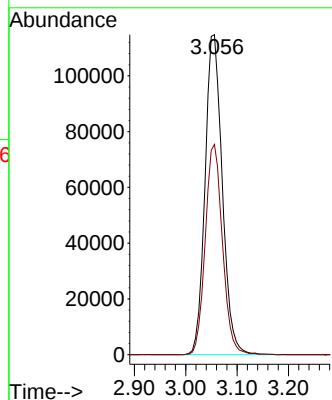
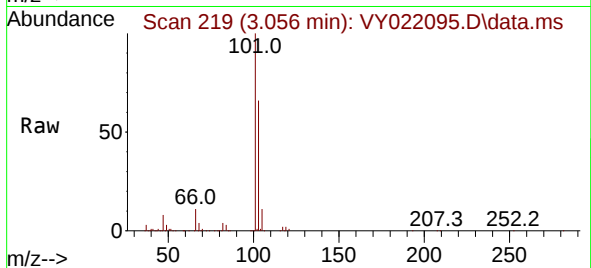




#7  
Trichlorofluoromethane  
Concen: 45.309 ug/l  
RT: 3.056 min Scan# 218  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

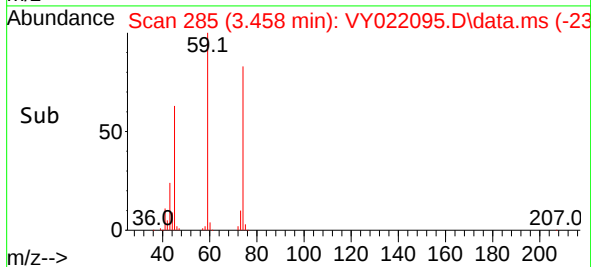
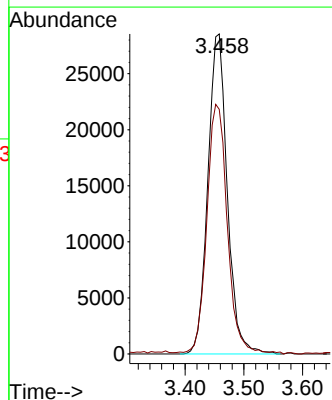
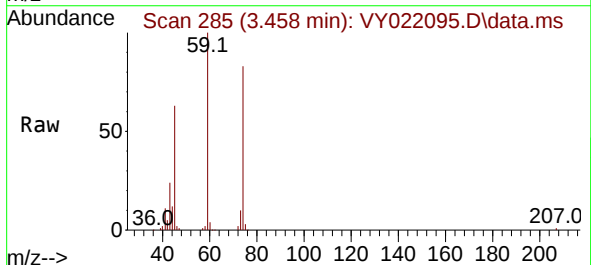
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

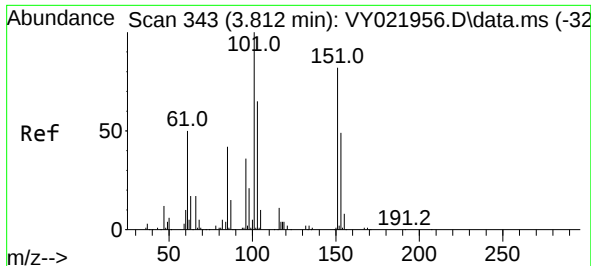
Tgt Ion:101 Resp: 267266  
Ion Ratio Lower Upper  
101 100  
103 65.7 53.6 80.4



#8  
Diethyl Ether  
Concen: 42.745 ug/l  
RT: 3.458 min Scan# 285  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 74 Resp: 65627  
Ion Ratio Lower Upper  
74 100  
45 80.8 39.1 117.5

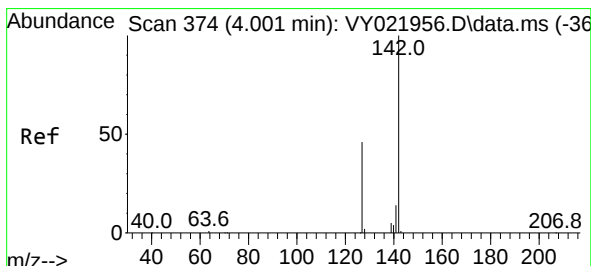
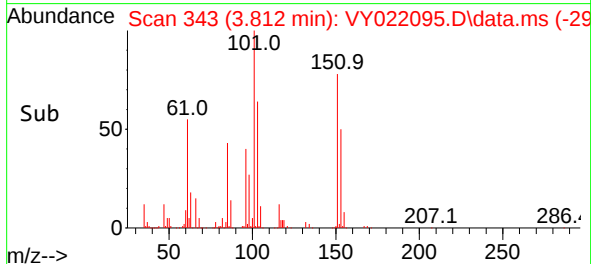
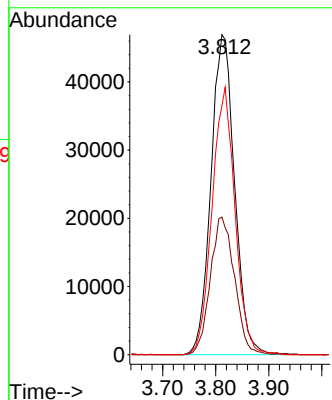
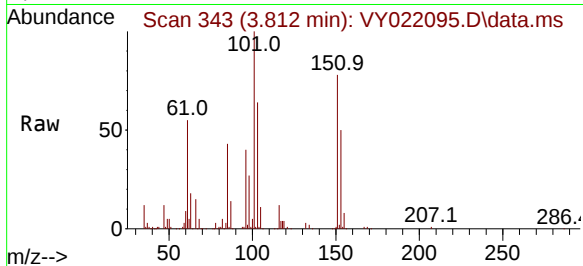




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 45.342 ug/l  
RT: 3.812 min Scan# 343  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

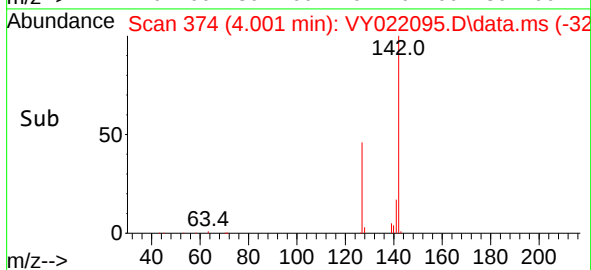
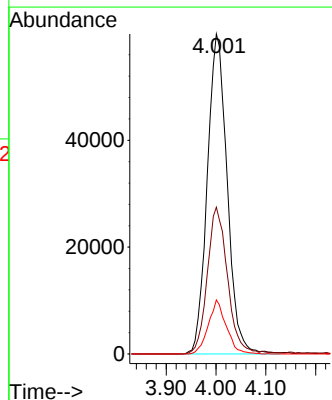
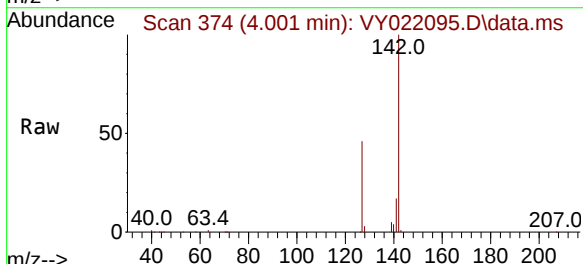
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

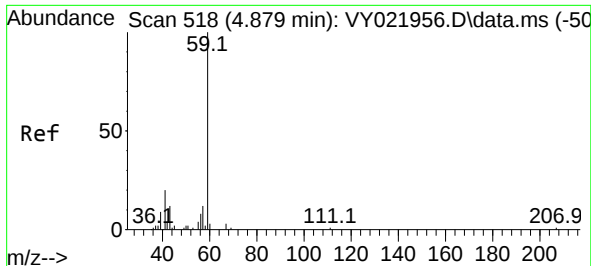
Tgt Ion:101 Resp: 145092  
Ion Ratio Lower Upper  
101 100  
85 44.1 34.6 51.8  
151 81.4 63.7 95.5



#10  
Methyl Iodide  
Concen: 44.860 ug/l  
RT: 4.001 min Scan# 374  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:142 Resp: 166199  
Ion Ratio Lower Upper  
142 100  
127 46.8 36.2 54.2  
141 15.2 11.7 17.5

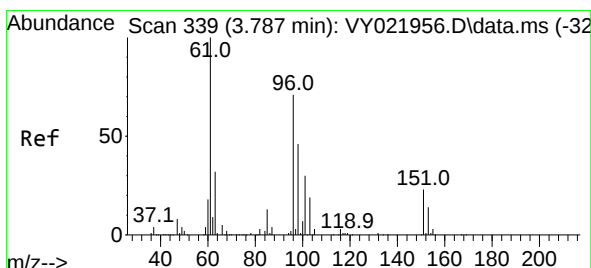
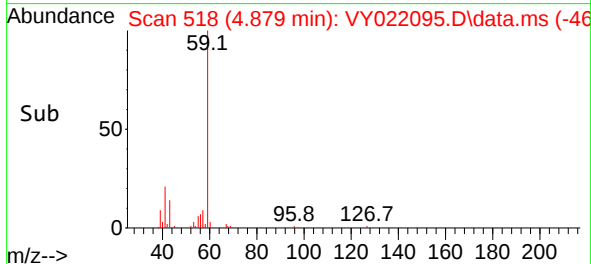
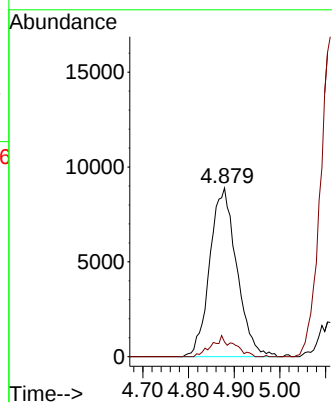
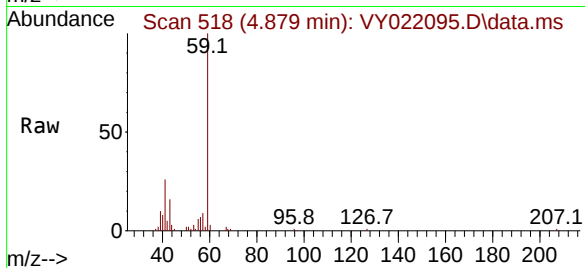




#11  
Tert butyl alcohol  
Concen: 239.412 ug/l  
RT: 4.879 min Scan# 518  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

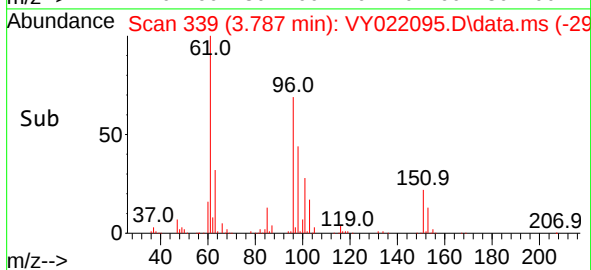
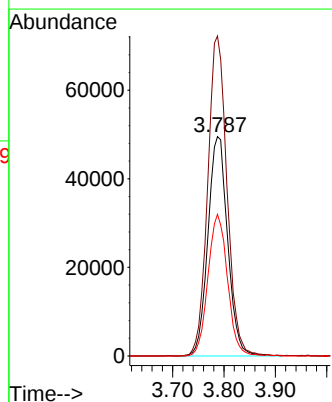
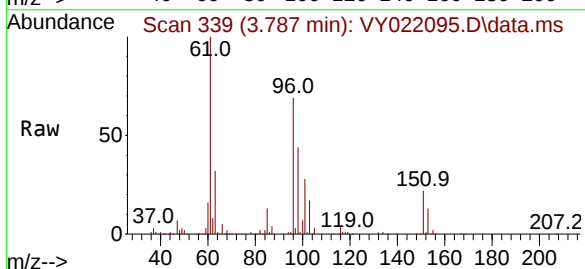
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

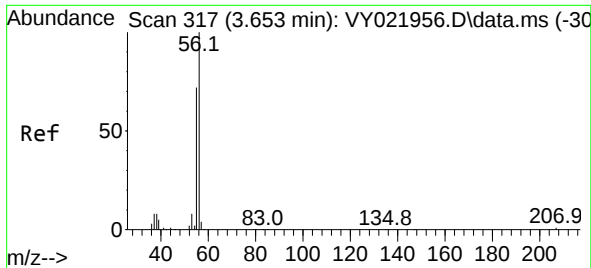
Tgt Ion: 59 Resp: 36425  
Ion Ratio Lower Upper  
59 100  
57 6.5 9.3 13.9#



#12  
1,1-Dichloroethene  
Concen: 44.312 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 96 Resp: 132167  
Ion Ratio Lower Upper  
96 100  
61 145.8 113.0 169.4  
98 64.5 51.4 77.2

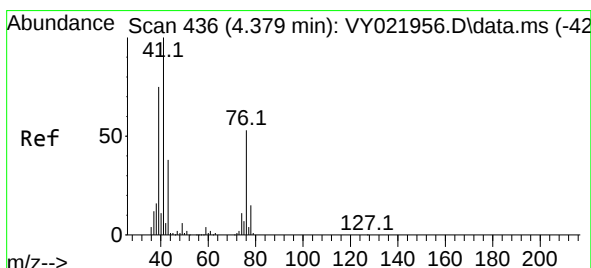
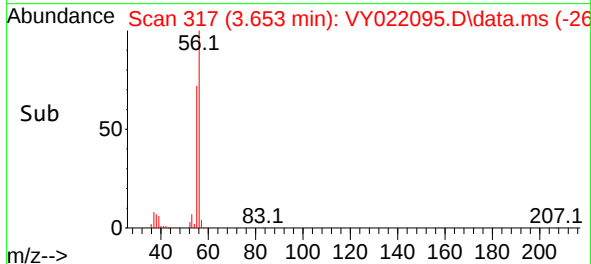
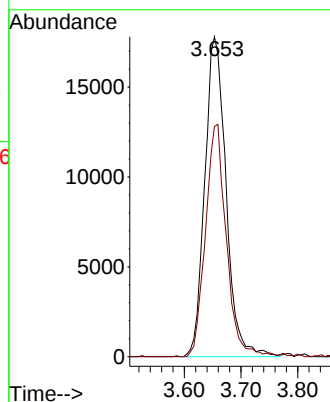
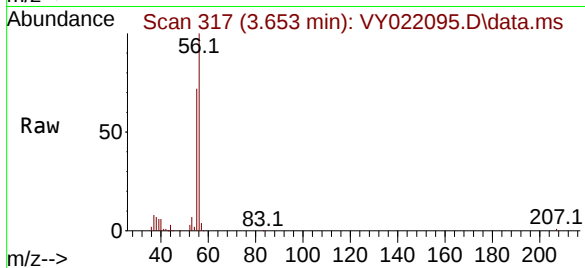




#13  
Acrolein  
Concen: 170.015 ug/l  
RT: 3.653 min Scan# 317  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

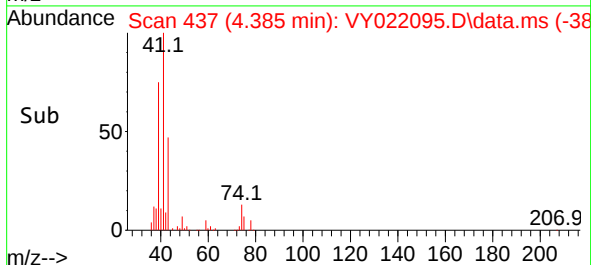
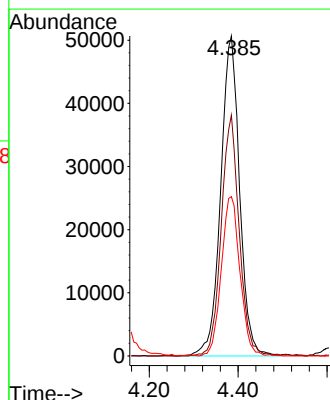
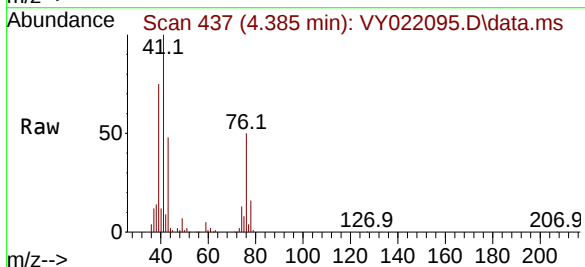
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 46426  
Ion Ratio Lower Upper  
56 100  
55 71.0 57.4 86.0



#14  
Allyl chloride  
Concen: 43.012 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 149377  
Ion Ratio Lower Upper  
41 100  
39 71.4 57.2 85.8  
76 48.9 39.7 59.5

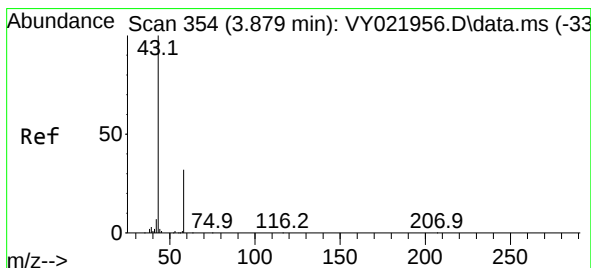
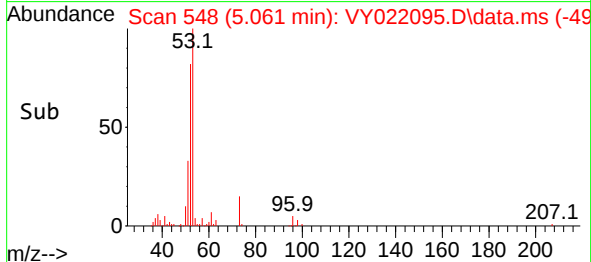
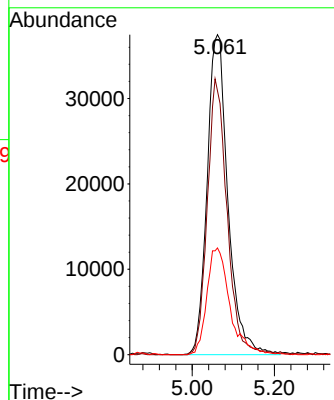
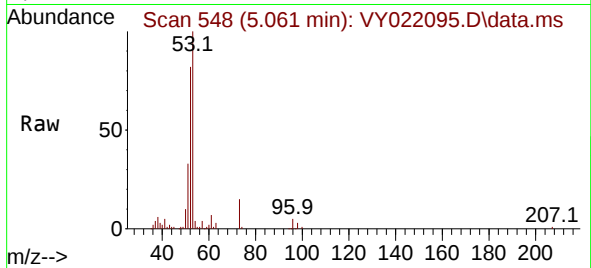




#15  
Acrylonitrile  
Concen: 234.690 ug/l  
RT: 5.061 min Scan# 54  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

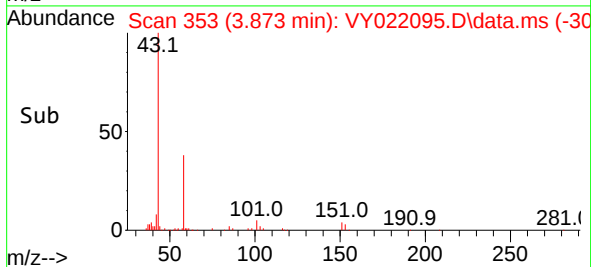
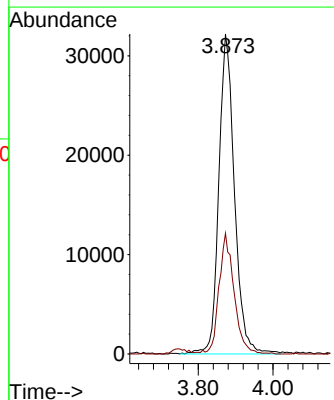
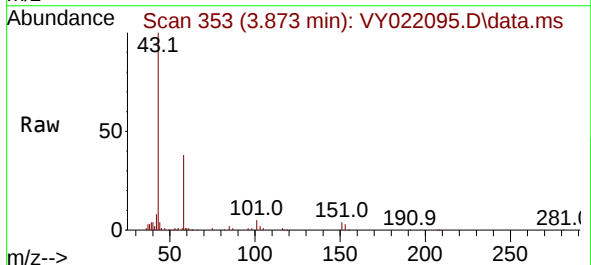
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

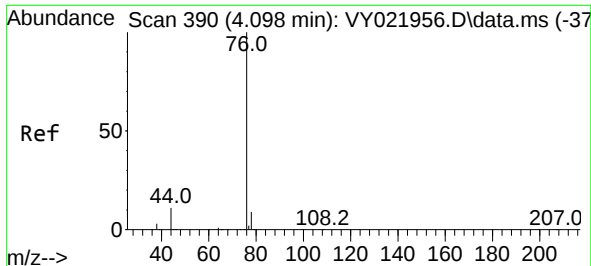
Tgt Ion: 53 Resp: 131912  
Ion Ratio Lower Upper  
53 100  
52 81.5 65.0 97.6  
51 36.9 28.9 43.3



#16  
Acetone  
Concen: 258.562 ug/l  
RT: 3.873 min Scan# 353  
Delta R.T. -0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 93527  
Ion Ratio Lower Upper  
43 100  
58 37.7 27.0 40.4

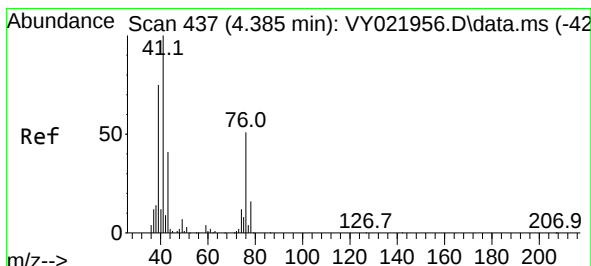
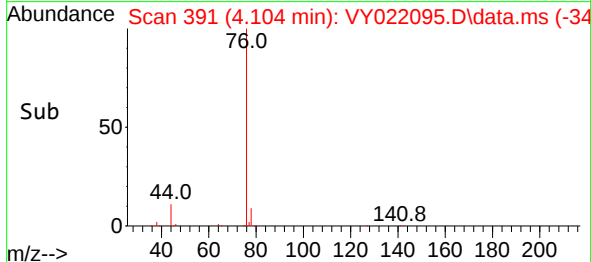
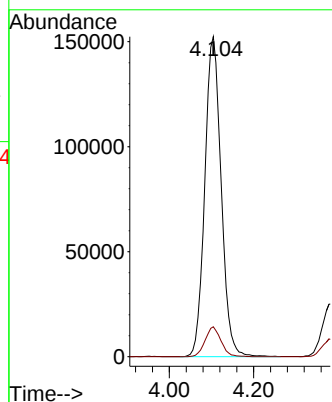
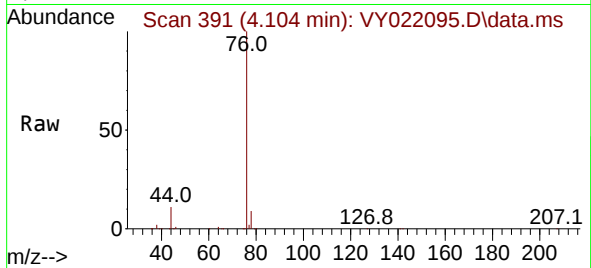




#17  
Carbon Disulfide  
Concen: 43.277 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

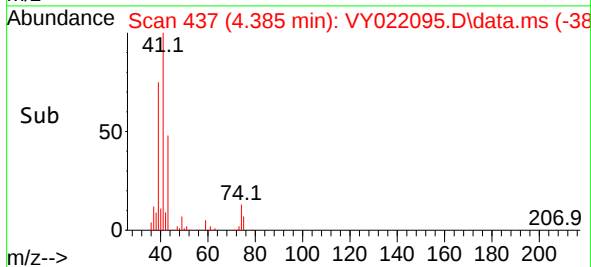
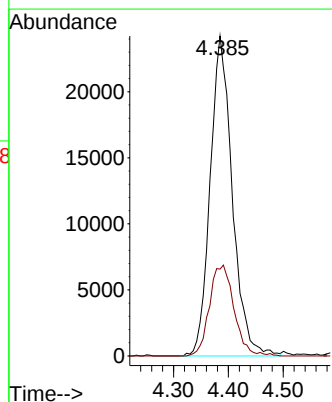
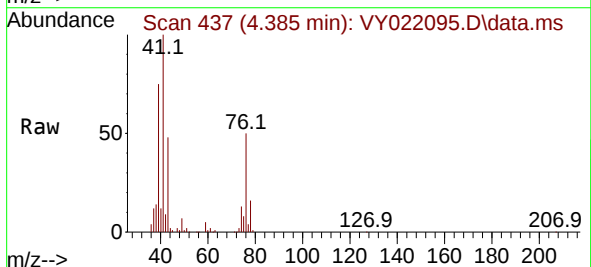
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

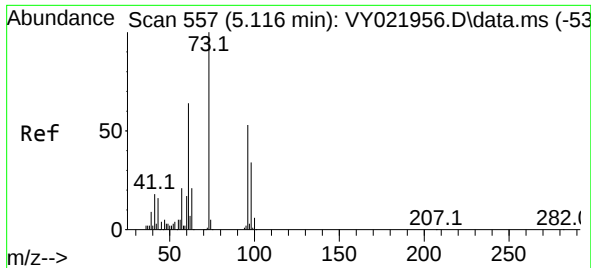
Tgt Ion: 76 Resp: 411563  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.6 11.4



#18  
Methyl Acetate  
Concen: 52.440 ug/l  
RT: 4.385 min Scan# 437  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 67887  
Ion Ratio Lower Upper  
43 100  
74 31.5 24.2 36.4

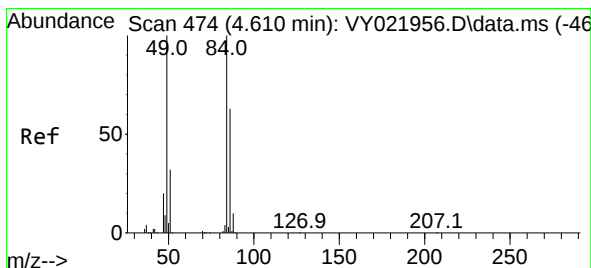
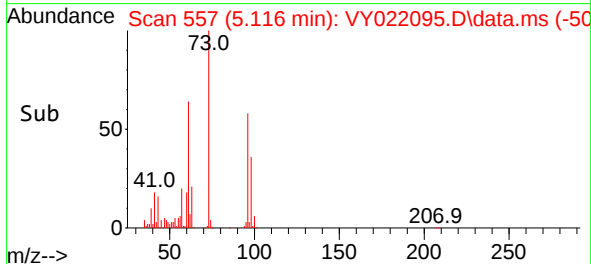
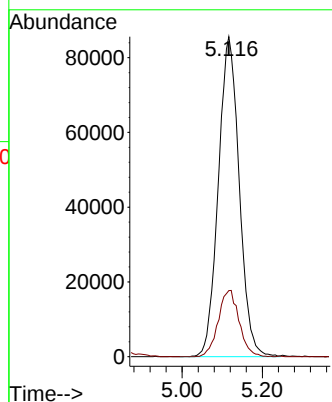
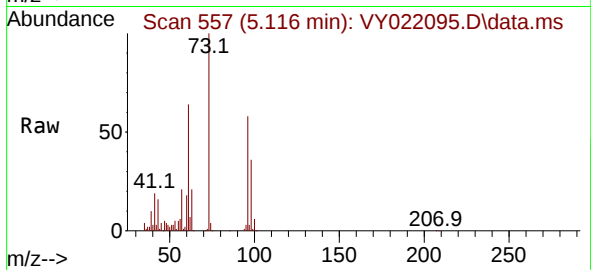




#19  
Methyl tert-butyl Ether  
Concen: 46.339 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

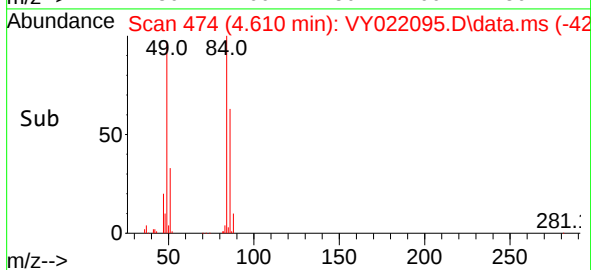
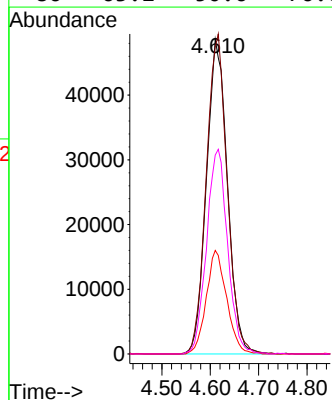
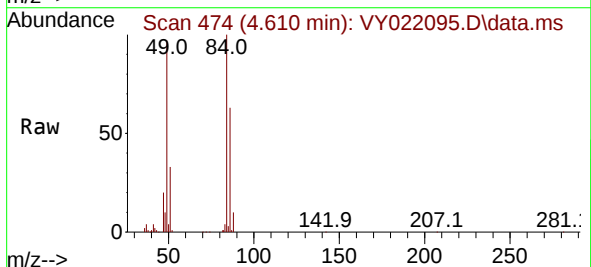
Instrument :  
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ClientSampleId :  
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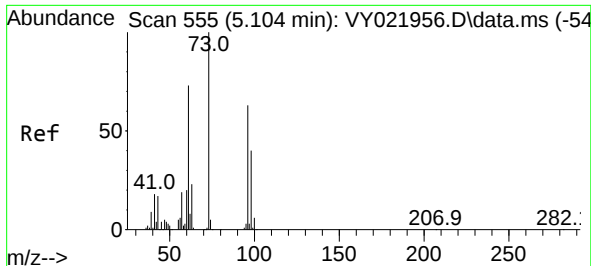
Tgt Ion: 73 Resp: 309344  
Ion Ratio Lower Upper  
73 100  
57 20.6 16.9 25.3



#20  
Methylene Chloride  
Concen: 41.790 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 84 Resp: 146445  
Ion Ratio Lower Upper  
84 100  
49 97.5 79.9 119.9  
51 32.9 25.4 38.0  
86 63.2 50.6 76.0

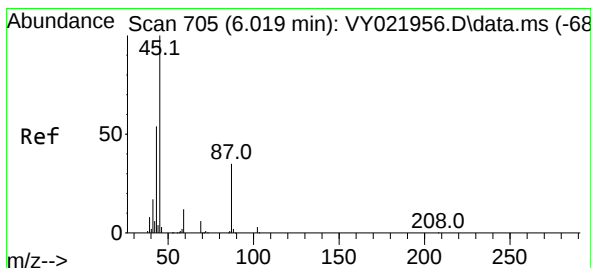
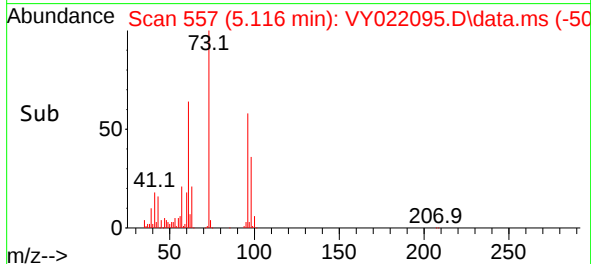
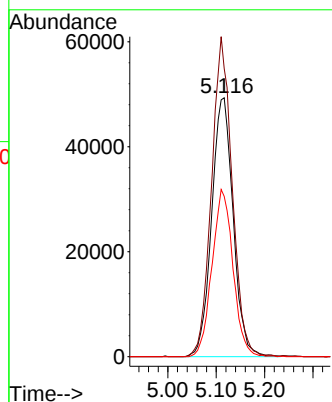
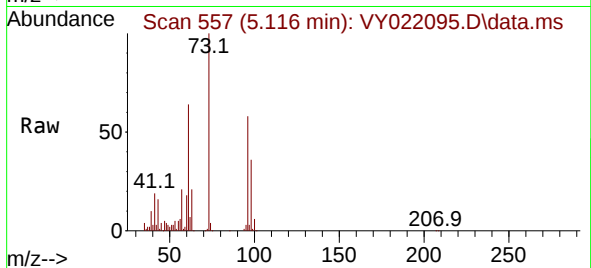




#21  
trans-1,2-Dichloroethene  
Concen: 45.652 ug/l  
RT: 5.116 min Scan# 511  
Delta R.T. 0.012 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

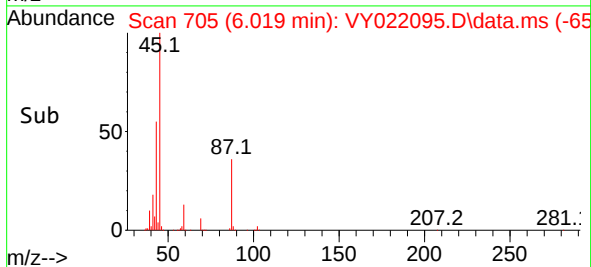
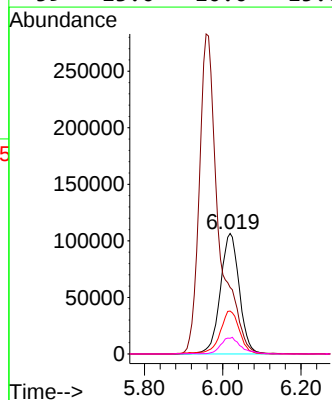
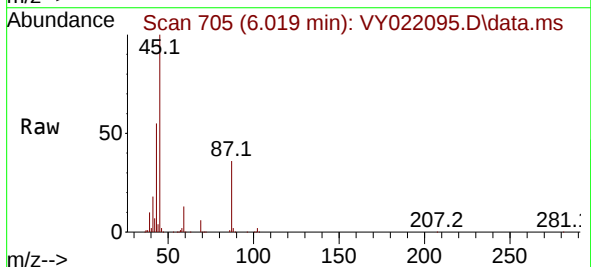
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ClientSampleId :  
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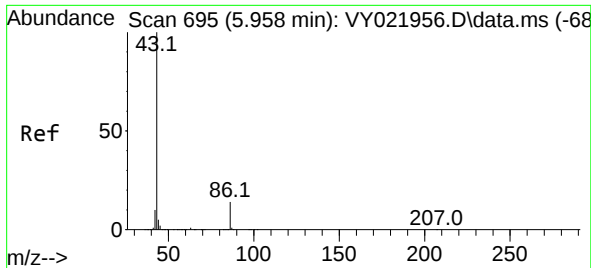
Tgt Ion: 96 Resp: 152494  
Ion Ratio Lower Upper  
96 100  
61 111.3 92.6 138.8  
98 62.0 50.2 75.4



#22  
Diisopropyl ether  
Concen: 46.406 ug/l  
RT: 6.019 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 45 Resp: 358660  
Ion Ratio Lower Upper  
45 100  
43 54.9 43.6 65.4  
87 35.5 28.2 42.4  
59 13.0 10.0 15.0

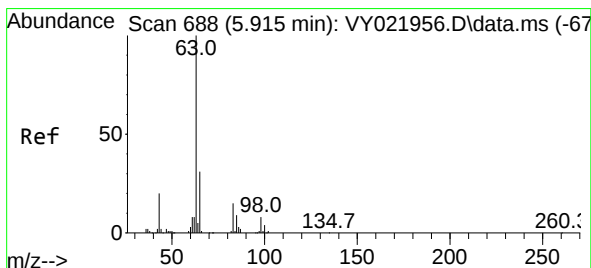
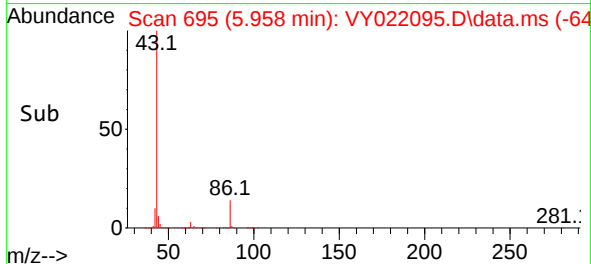
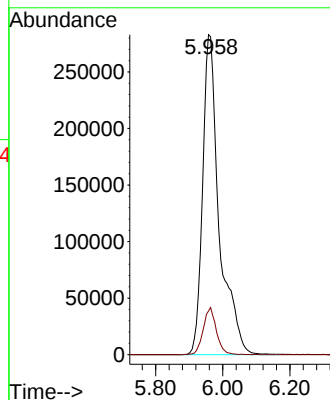
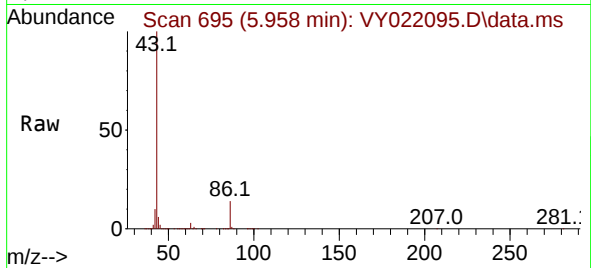




#23  
 Vinyl Acetate  
 Concen: 233.397 ug/l  
 RT: 5.958 min Scan# 695  
 Delta R.T. 0.000 min  
 Lab File: VY022095.D  
 Acq: 01 May 2025 08:50

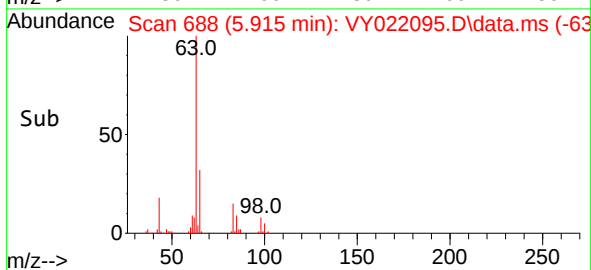
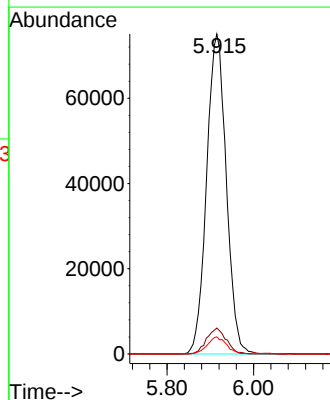
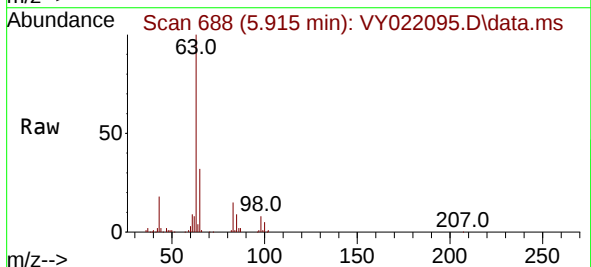
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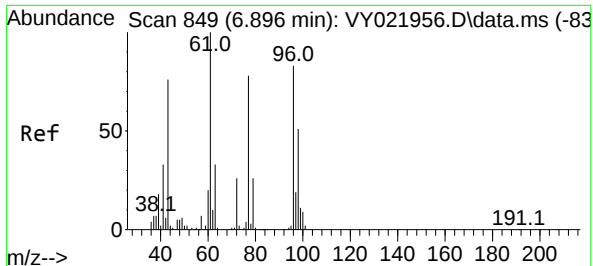
Tgt Ion: 43 Resp: 972154  
 Ion Ratio Lower Upper  
 43 100  
 86 13.7 11.1 16.7



#24  
 1,1-Dichloroethane  
 Concen: 44.117 ug/l  
 RT: 5.915 min Scan# 688  
 Delta R.T. 0.000 min  
 Lab File: VY022095.D  
 Acq: 01 May 2025 08:50

Tgt Ion: 63 Resp: 236343  
 Ion Ratio Lower Upper  
 63 100  
 98 8.1 4.0 11.9  
 100 5.4 2.0 6.0

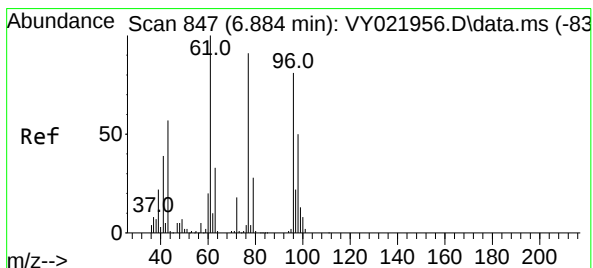
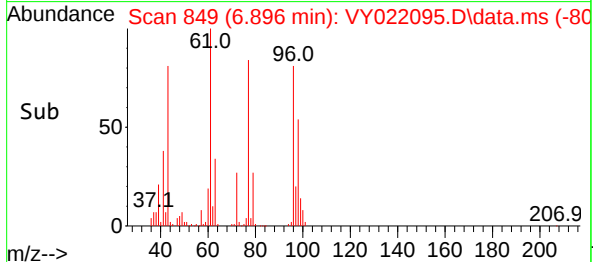
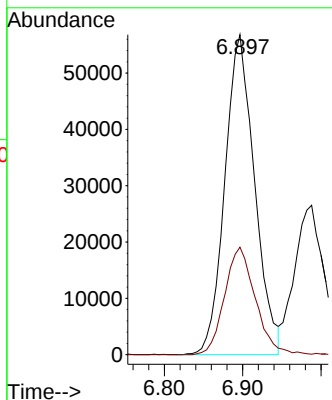
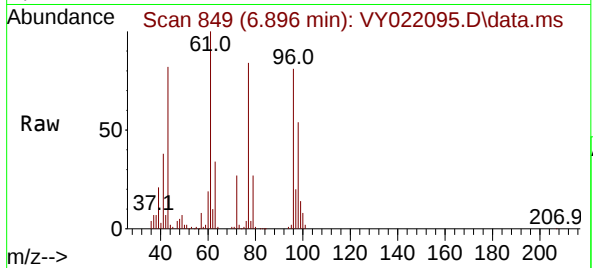




#25  
2-Butanone  
Concen: 237.416 ug/l  
RT: 6.896 min Scan# 849  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

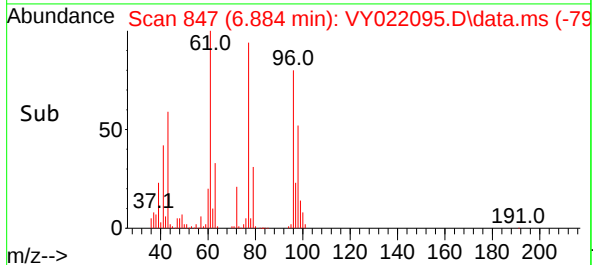
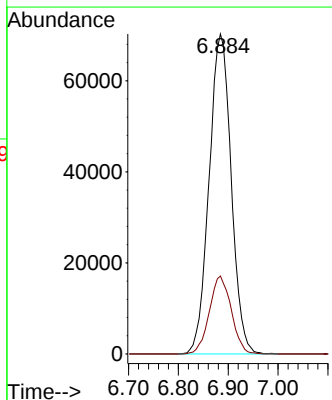
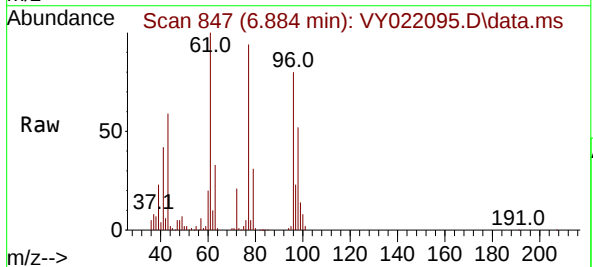
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

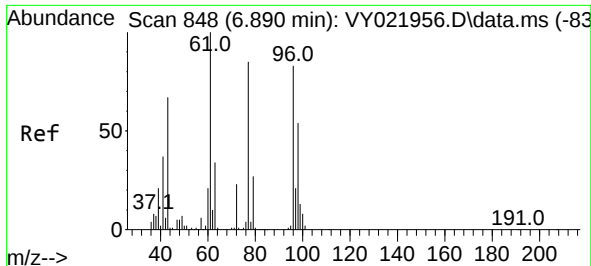
Tgt Ion: 43 Resp: 149979  
Ion Ratio Lower Upper  
43 100  
72 33.6 27.0 40.4



#26  
2,2-Dichloropropane  
Concen: 46.061 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 77 Resp: 216277  
Ion Ratio Lower Upper  
77 100  
97 24.2 12.4 37.4





#27

cis-1,2-Dichloroethene

Concen: 45.794 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

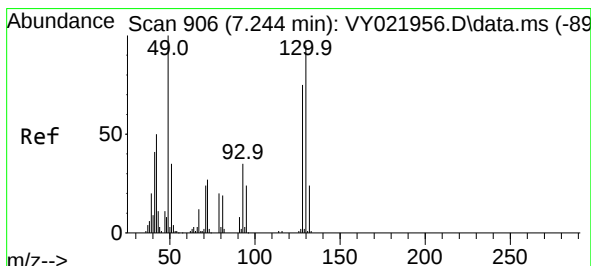
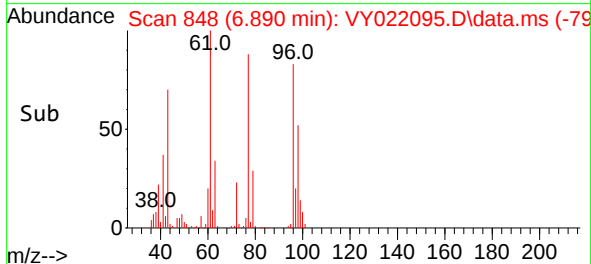
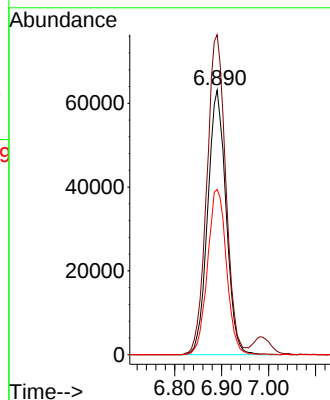
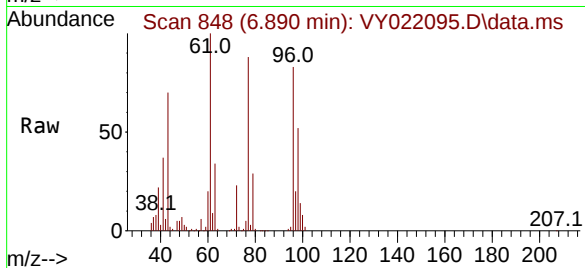
Tgt Ion: 96 Resp: 171041

Ion Ratio Lower Upper

96 100

61 125.3 0.0 251.4

98 64.4 0.0 128.4



#28

Bromochloromethane

Concen: 49.056 ug/l

RT: 7.238 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

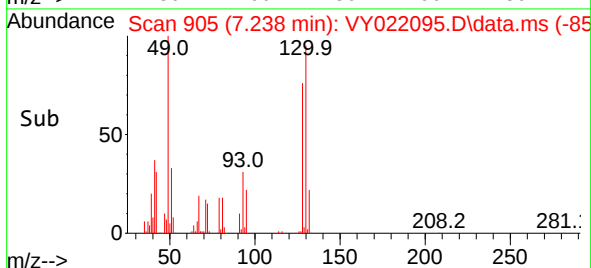
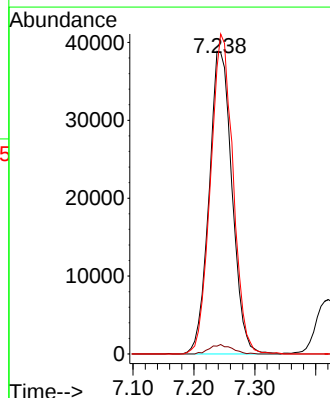
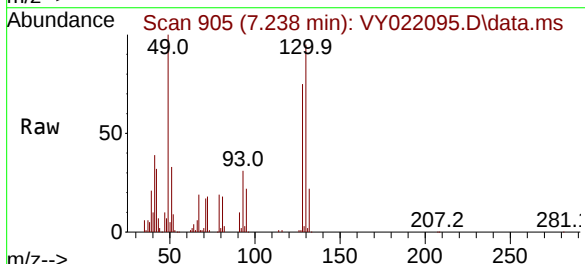
Tgt Ion: 49 Resp: 102077

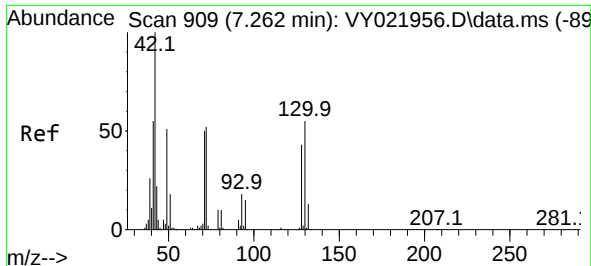
Ion Ratio Lower Upper

49 100

129 3.0 0.0 5.0

130 103.3 78.2 117.4





#29

Tetrahydrofuran

Concen: 245.385 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

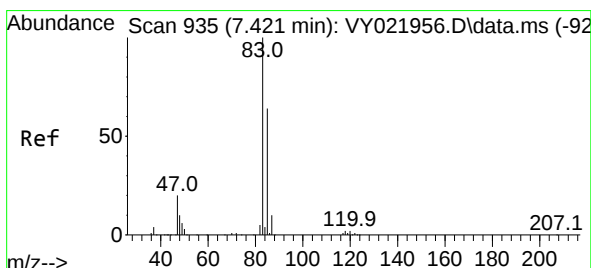
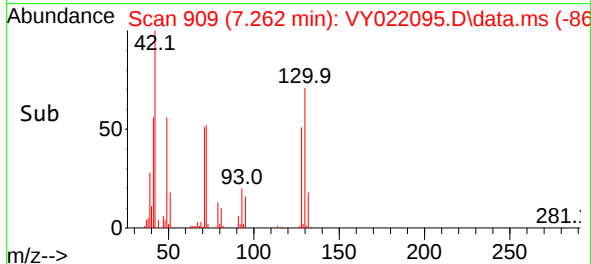
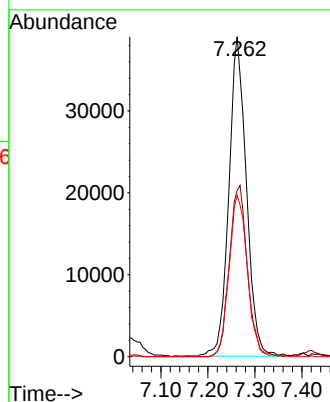
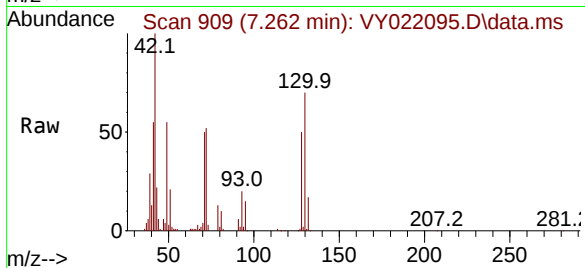
Tgt Ion: 42 Resp: 100678

Ion Ratio Lower Upper

42 100

72 55.1 42.6 63.8

71 53.0 40.6 61.0



#30

Chloroform

Concen: 46.403 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022095.D

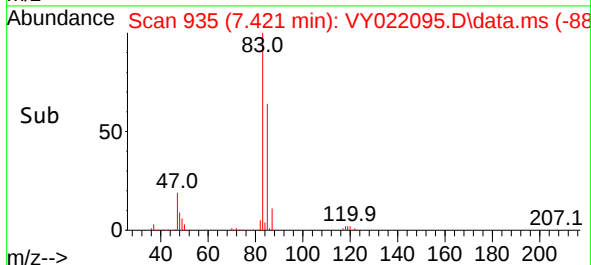
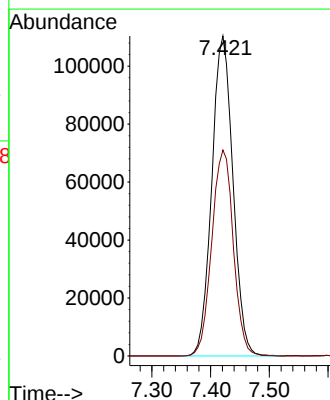
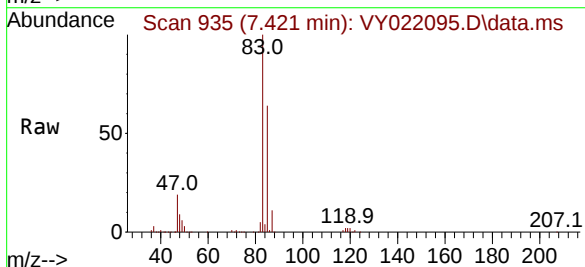
Acq: 01 May 2025 08:50

Tgt Ion: 83 Resp: 275742

Ion Ratio Lower Upper

83 100

85 64.3 51.3 76.9

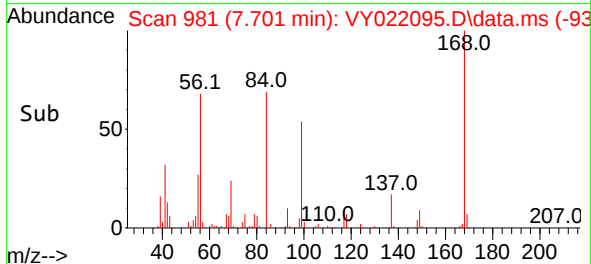
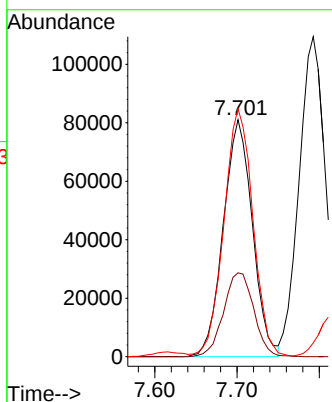
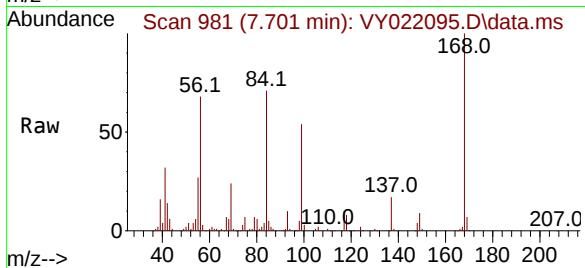




#31  
Cyclohexane  
Concen: 43.571 ug/l  
RT: 7.701 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

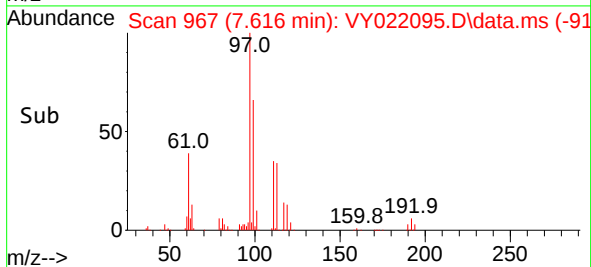
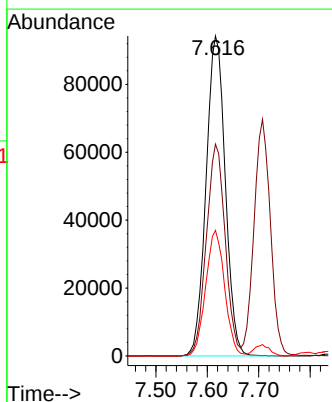
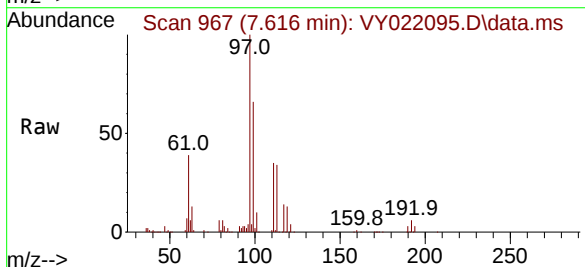
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

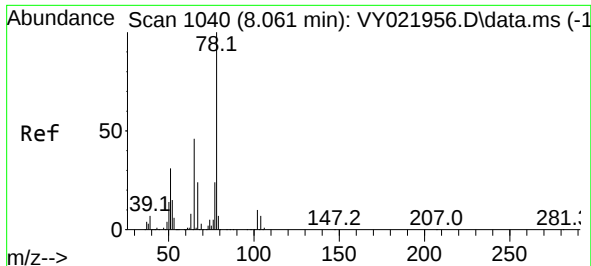
Tgt Ion: 56 Resp: 199607  
Ion Ratio Lower Upper  
56 100  
69 35.4 29.4 44.2  
84 103.2 82.2 123.4



#32  
1,1,1-Trichloroethane  
Concen: 45.518 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 97 Resp: 244709  
Ion Ratio Lower Upper  
97 100  
99 65.1 51.4 77.2  
61 38.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 46.711 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

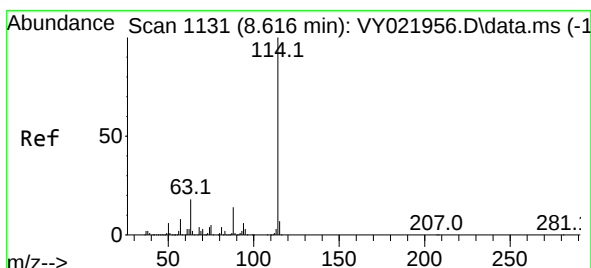
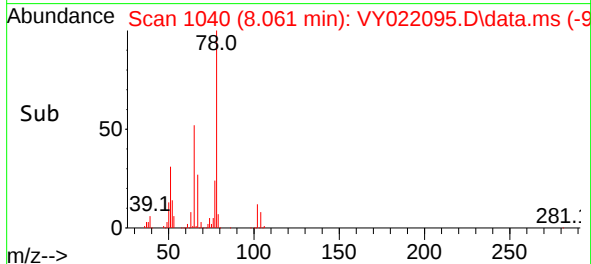
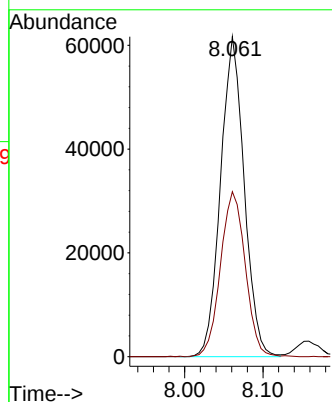
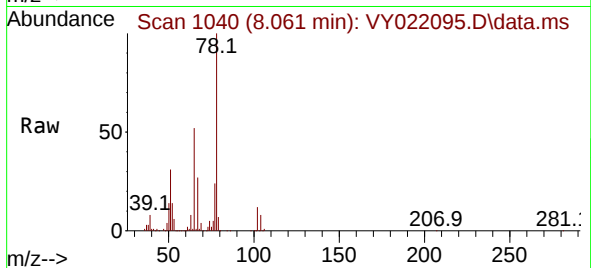
VSTDCCC050

Tgt Ion: 65 Resp: 129452

Ion Ratio Lower Upper

65 100

67 54.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

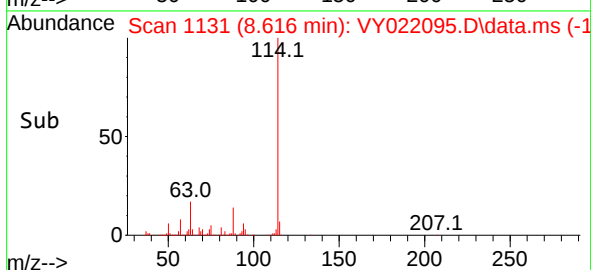
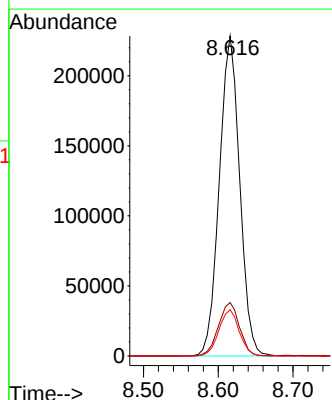
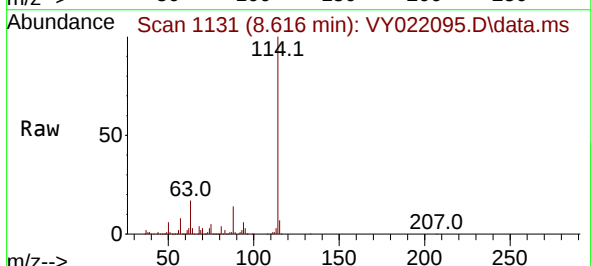
Tgt Ion: 114 Resp: 433614

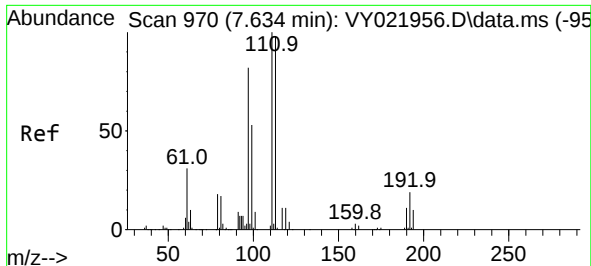
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.4

88 14.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

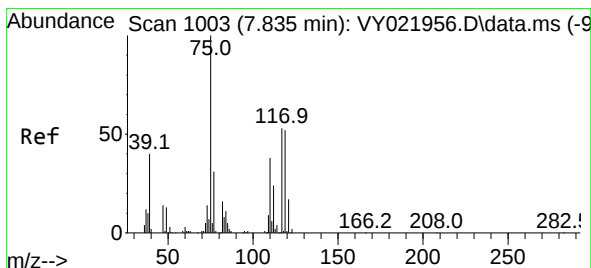
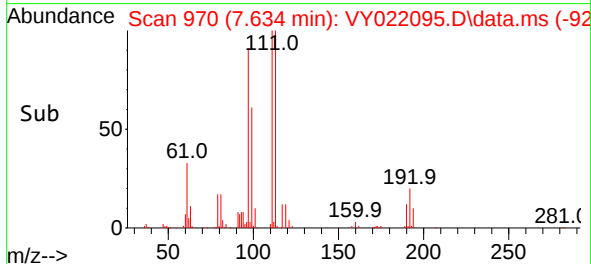
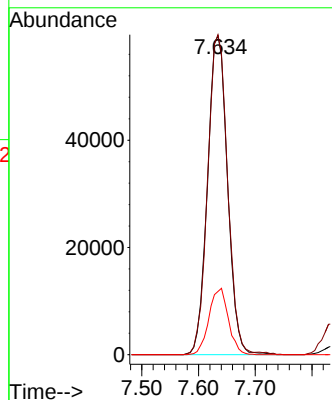
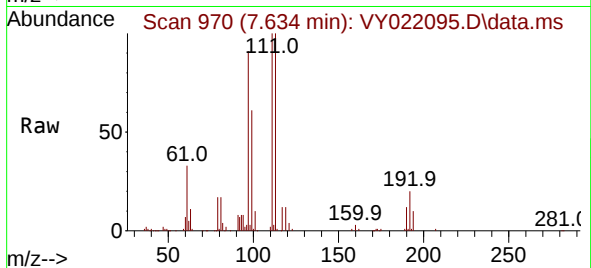
Tgt Ion:113 Resp: 145369

Ion Ratio Lower Upper

113 100

111 100.2 81.8 122.8

192 20.2 15.6 23.4



#36

1,1-Dichloropropene

Concen: 48.590 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

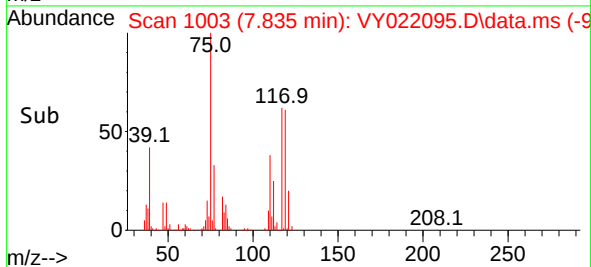
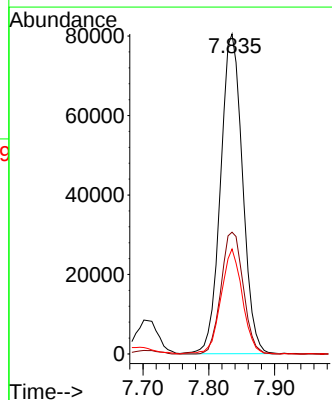
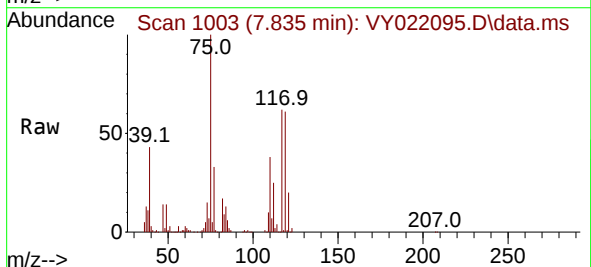
Tgt Ion: 75 Resp: 186977

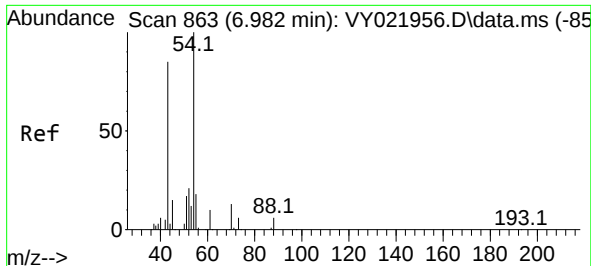
Ion Ratio Lower Upper

75 100

110 38.5 19.1 57.3

77 32.0 25.5 38.3

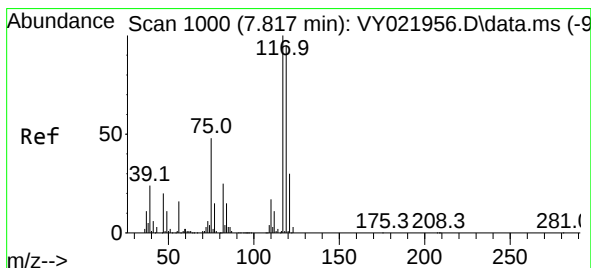
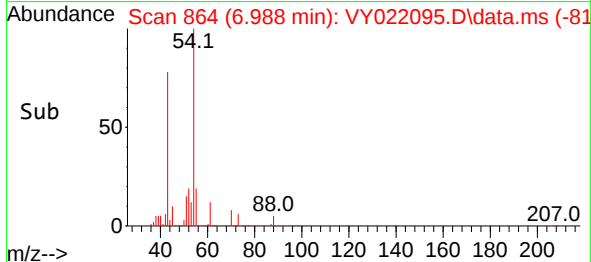
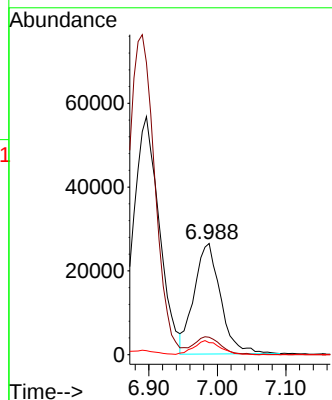
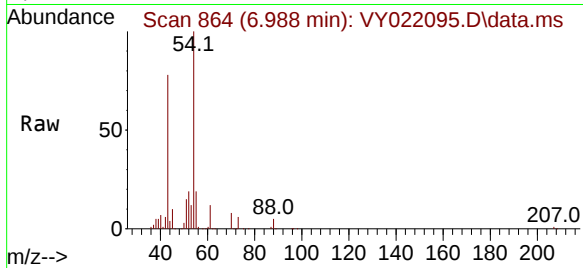




#37  
Ethyl Acetate  
Concen: 51.230 ug/l  
RT: 6.988 min Scan# 80  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

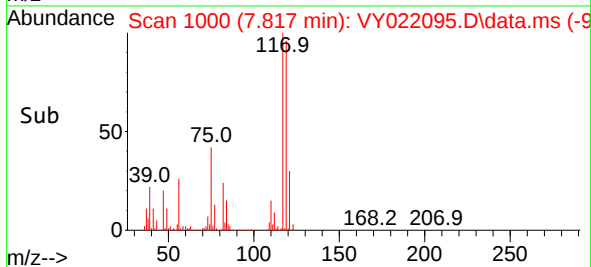
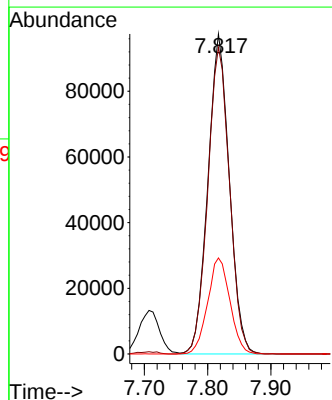
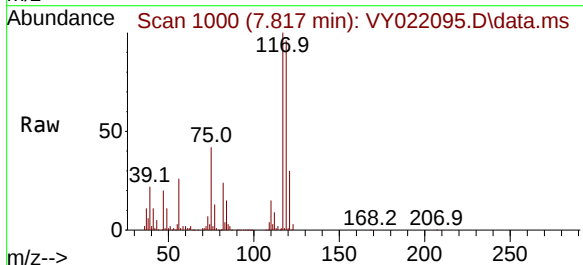
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

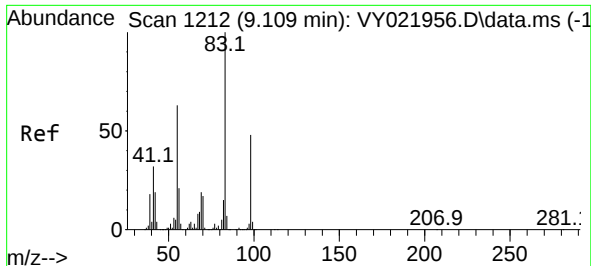
Tgt Ion: 43 Resp: 70801  
Ion Ratio Lower Upper  
43 100  
61 15.6 13.8 20.6  
70 12.5 9.2 13.8



#38  
Carbon Tetrachloride  
Concen: 49.824 ug/l  
RT: 7.817 min Scan# 1000  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 117 Resp: 229097  
Ion Ratio Lower Upper  
117 100  
119 95.8 76.2 114.4  
121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 49.231 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

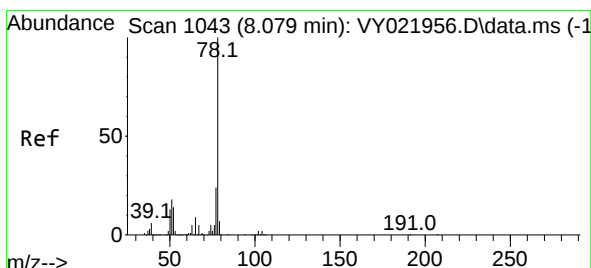
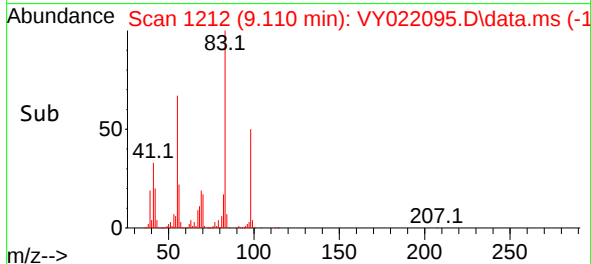
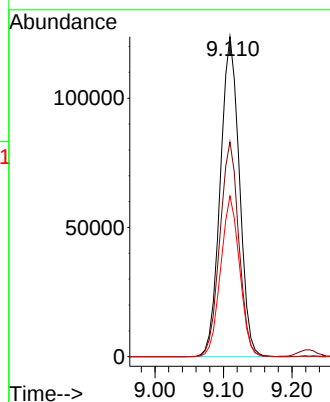
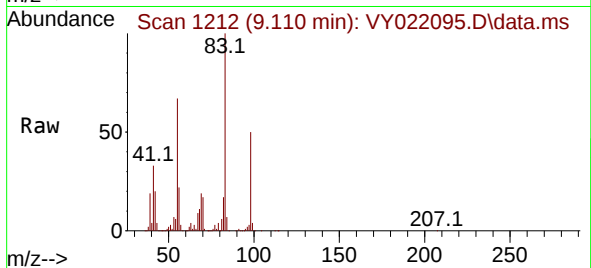
Tgt Ion: 83 Resp: 238404

Ion Ratio Lower Upper

83 100

55 67.1 50.6 75.8

98 50.2 38.6 58.0



#40

Benzene

Concen: 49.378 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022095.D

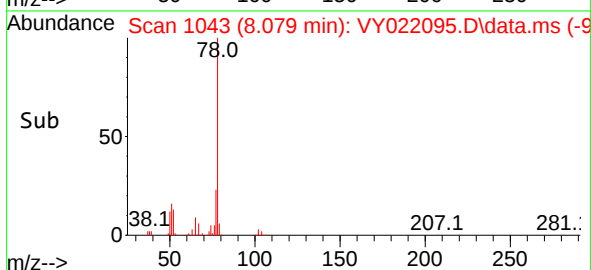
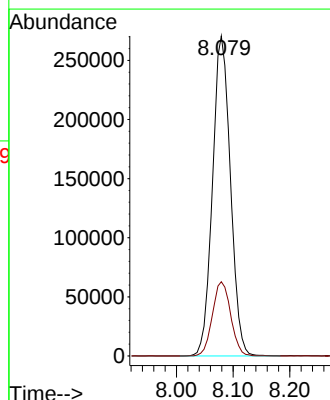
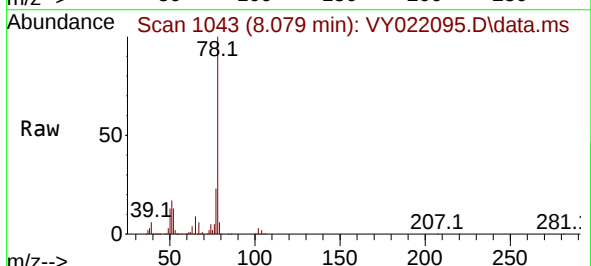
Acq: 01 May 2025 08:50

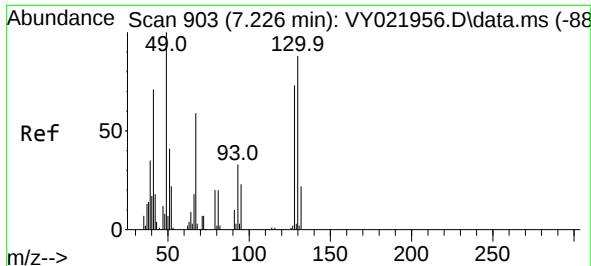
Tgt Ion: 78 Resp: 593961

Ion Ratio Lower Upper

78 100

77 23.2 19.3 28.9

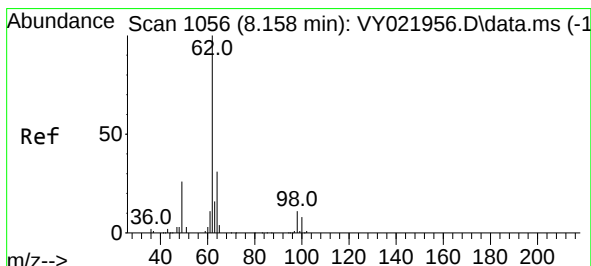
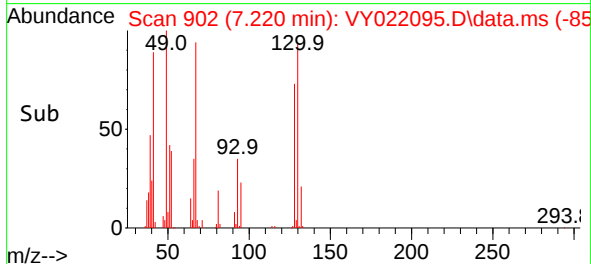
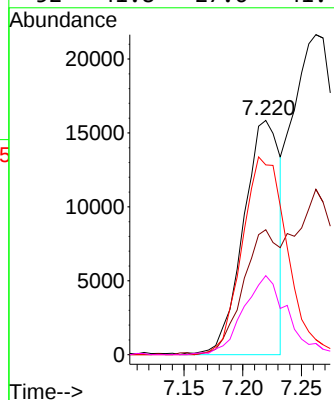
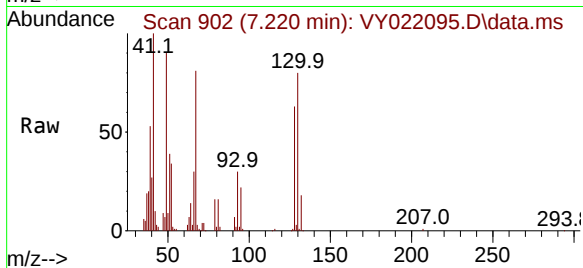




#41  
Methacrylonitrile  
Concen: 45.180 ug/l  
RT: 7.220 min Scan# 903  
Delta R.T. -0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

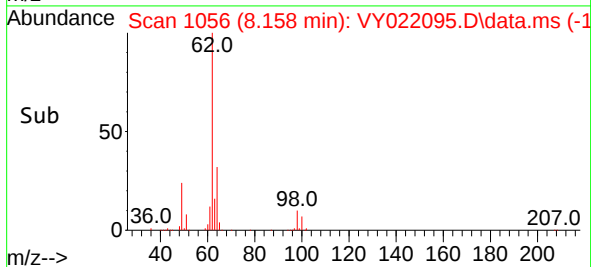
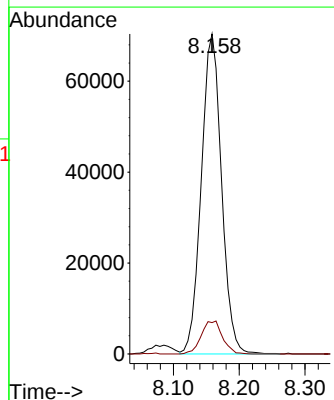
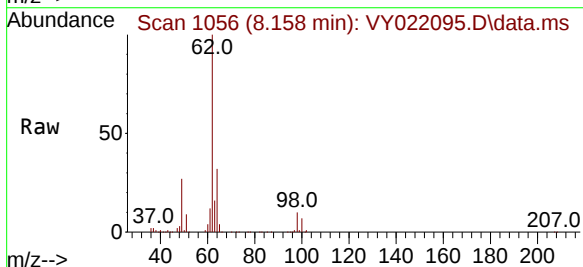
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

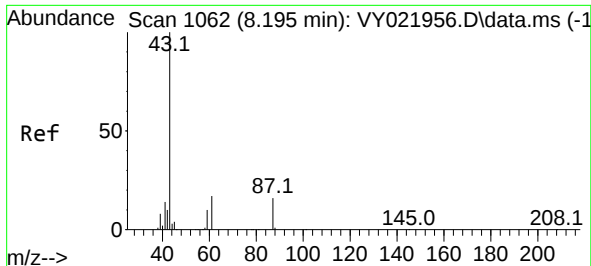
Tgt Ion: 41 Resp: 34133  
Ion Ratio Lower Upper  
41 100  
39 53.5 36.6 55.0  
67 105.7 72.2 108.4  
52 41.8 27.6 41.4#



#42  
1,2-Dichloroethane  
Concen: 50.652 ug/l  
RT: 8.158 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 62 Resp: 150849  
Ion Ratio Lower Upper  
62 100  
98 10.8 0.0 22.0

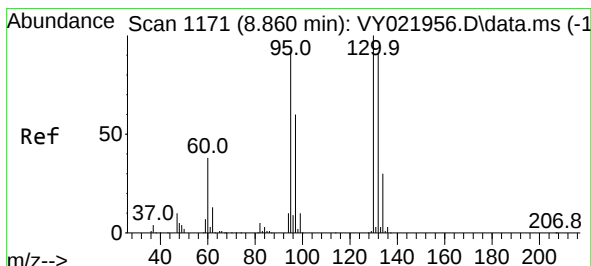
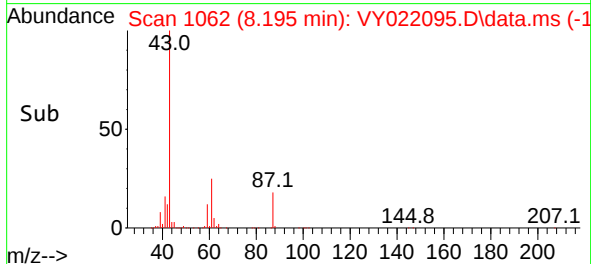
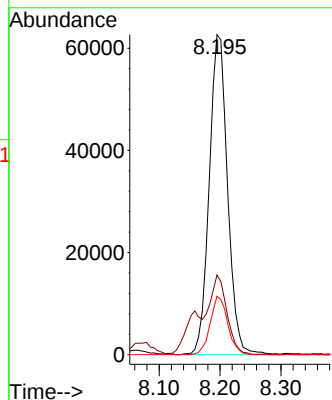
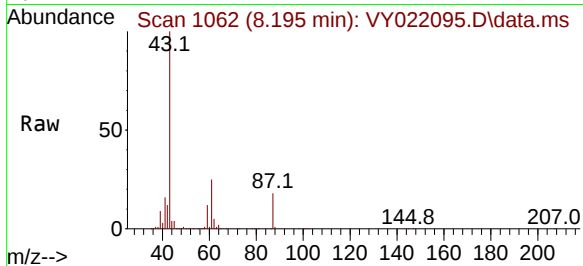




#43  
Isopropyl Acetate  
Concen: 49.331 ug/l  
RT: 8.195 min Scan# 1109  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

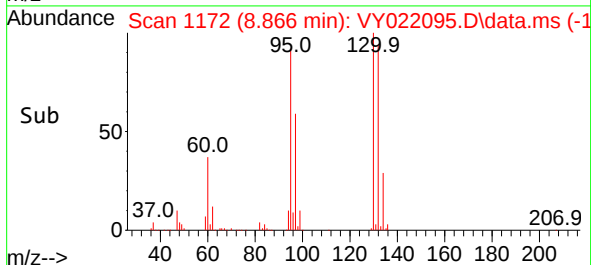
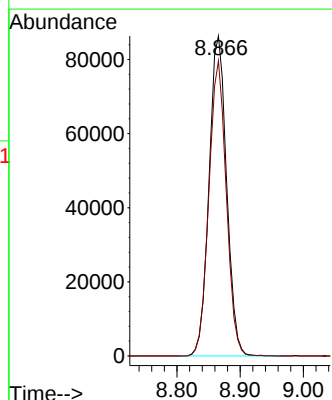
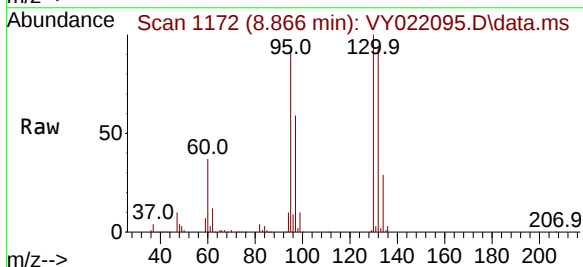
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 130927  
Ion Ratio Lower Upper  
43 100  
61 23.9 18.9 28.3  
87 17.4 13.7 20.5



#44  
Trichloroethene  
Concen: 50.105 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:130 Resp: 166940  
Ion Ratio Lower Upper  
130 100  
95 92.2 0.0 183.2





#45

1,2-Dichloropropane

Concen: 49.528 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

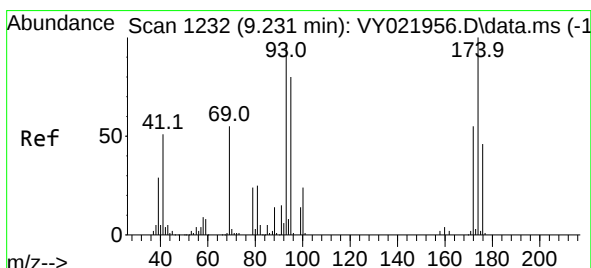
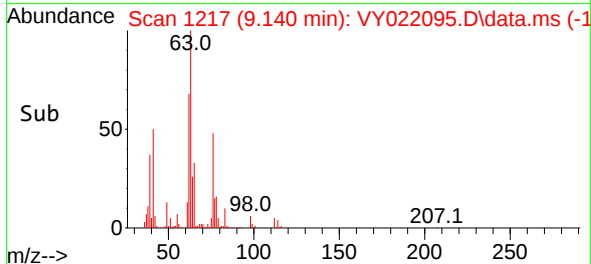
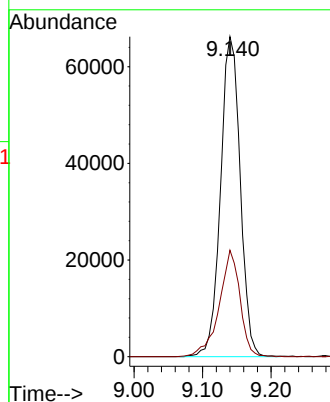
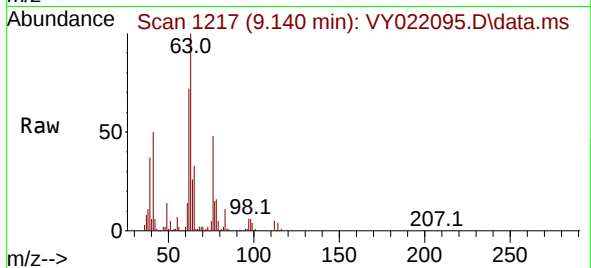
VSTDCCC050

Tgt Ion: 63 Resp: 131749

Ion Ratio Lower Upper

63 100

65 33.2 25.2 37.8



#46

Dibromomethane

Concen: 51.032 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

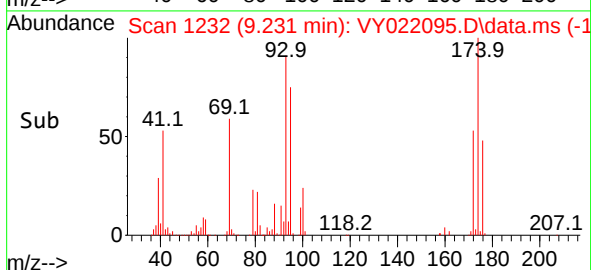
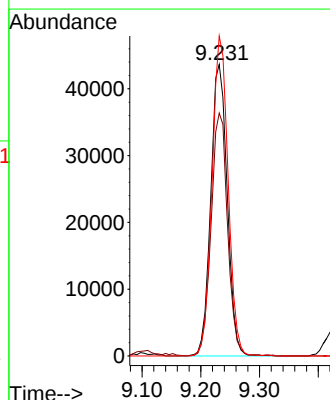
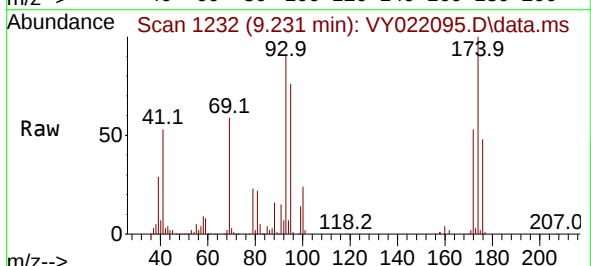
Tgt Ion: 93 Resp: 84979

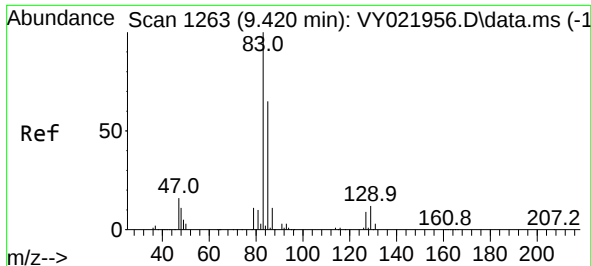
Ion Ratio Lower Upper

93 100

95 83.3 66.7 100.1

174 107.2 84.6 127.0

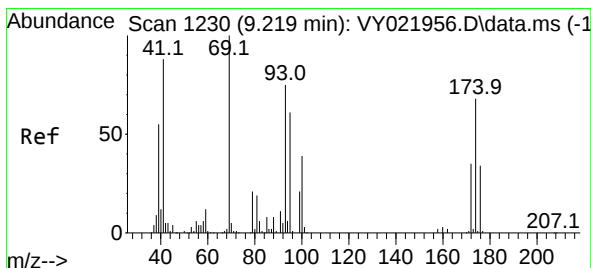
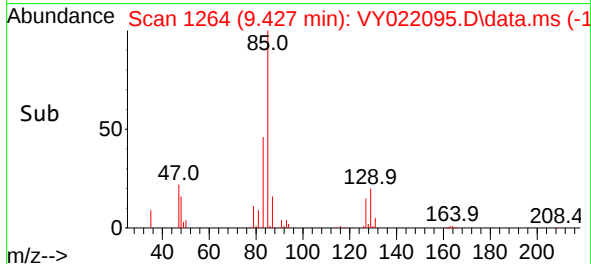
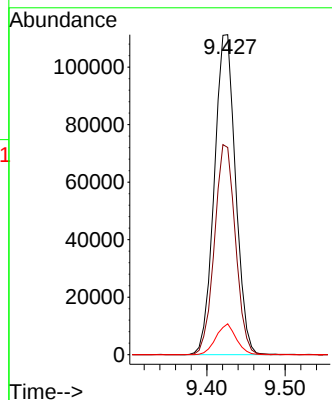
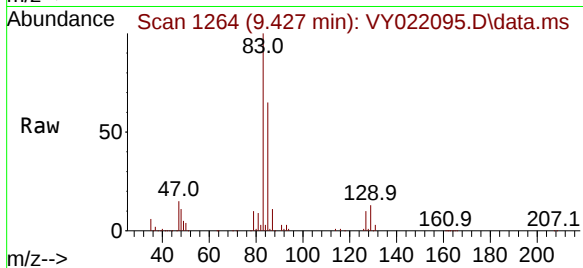




#47  
Bromodichloromethane  
Concen: 50.411 ug/l  
RT: 9.427 min Scan# 1263  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

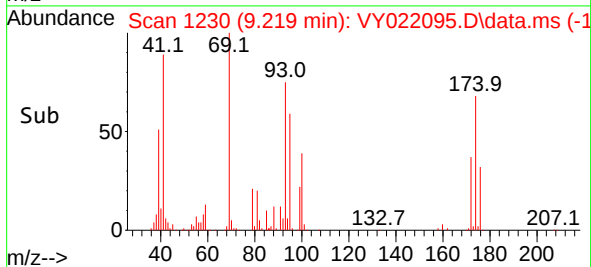
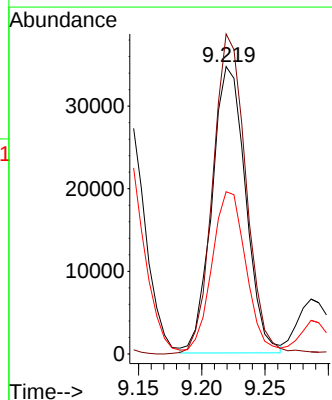
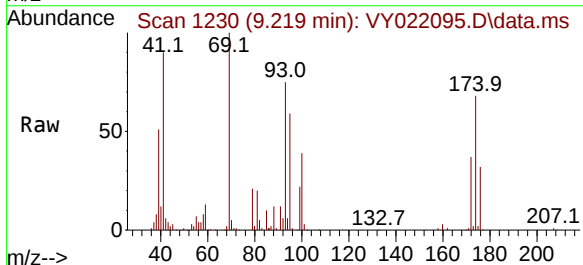
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

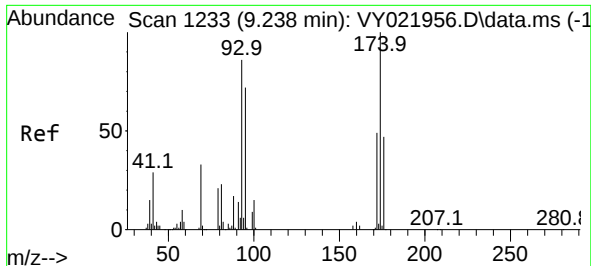
Tgt Ion: 83 Resp: 209708  
Ion Ratio Lower Upper  
83 100  
85 64.7 51.8 77.8  
127 9.7 7.0 10.6



#48  
Methyl methacrylate  
Concen: 52.563 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 41 Resp: 64491  
Ion Ratio Lower Upper  
41 100  
69 109.9 85.5 128.3  
39 54.7 46.2 69.4





#49

1,4-Dioxane

Concen: 1098.297 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

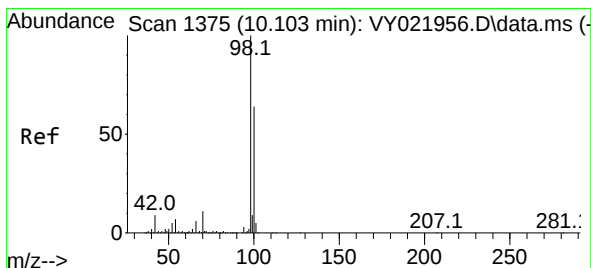
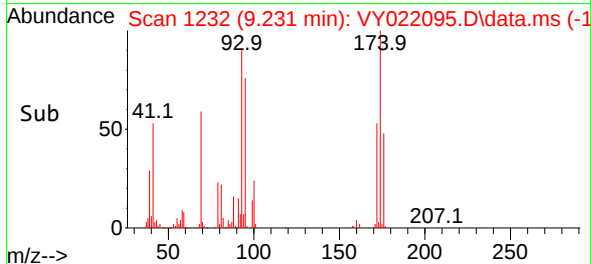
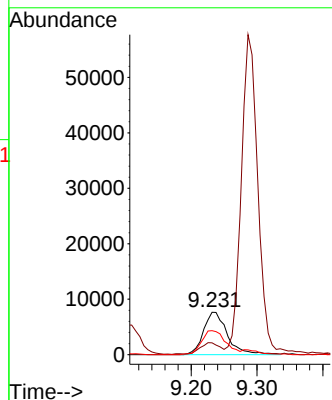
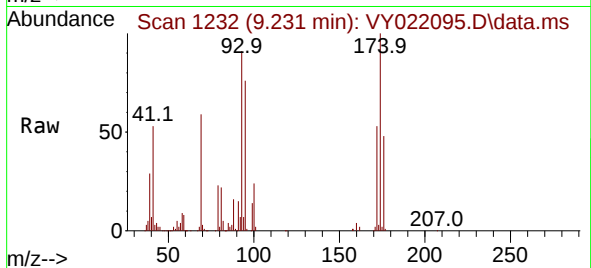
Tgt Ion: 88 Resp: 19493

Ion Ratio Lower Upper

88 100

43 21.4 21.3 31.9

58 56.4 50.5 75.7



#50

Toluene-d8

Concen: 50.988 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY022095.D

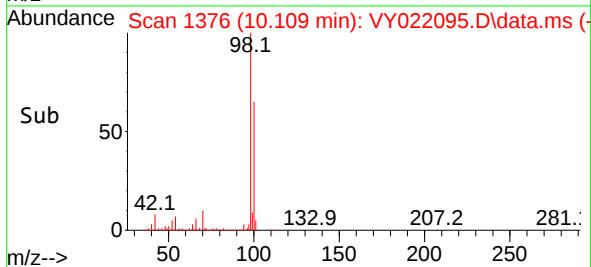
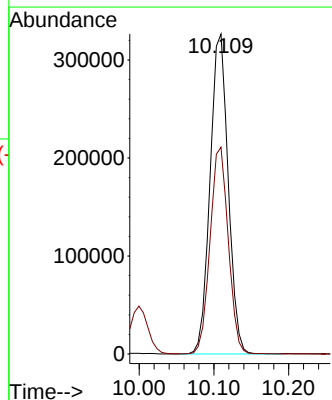
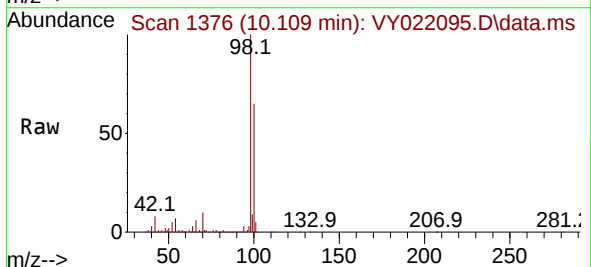
Acq: 01 May 2025 08:50

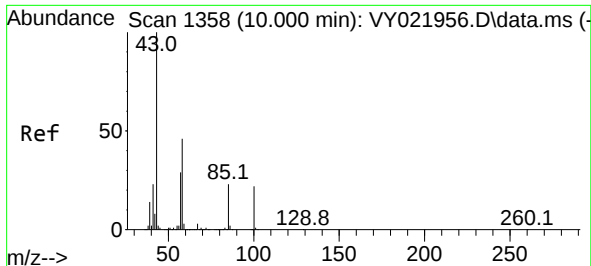
Tgt Ion: 98 Resp: 550662

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4

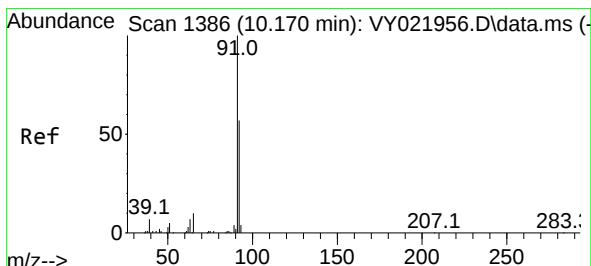
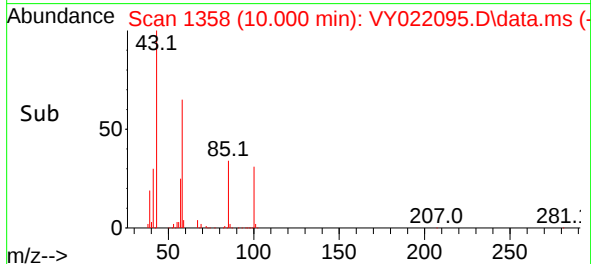
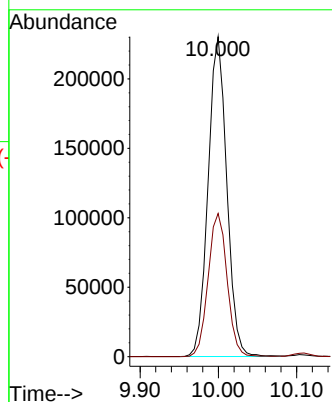
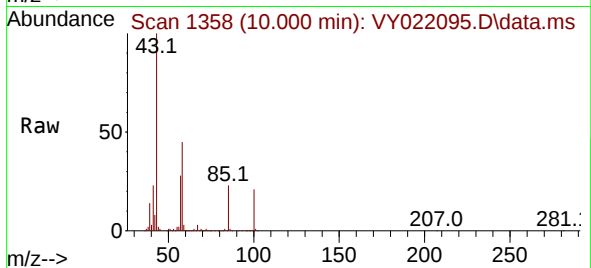




#51  
4-Methyl-2-Pentanone  
Concen: 274.117 ug/l  
RT: 10.000 min Scan# 1358  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

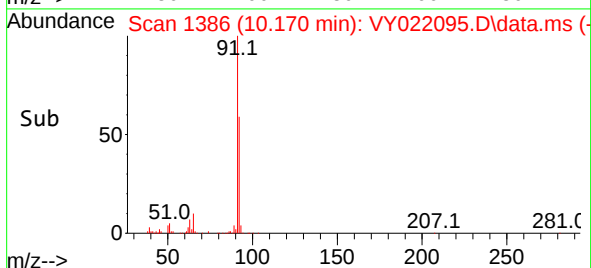
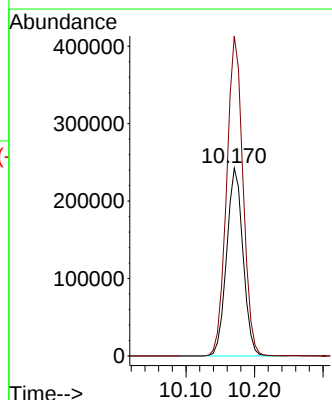
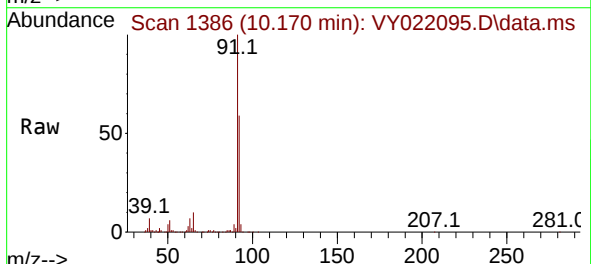
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

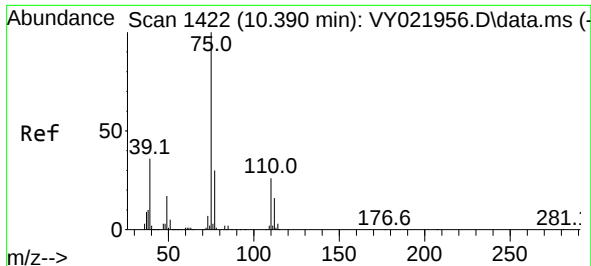
Tgt Ion: 43 Resp: 381378  
Ion Ratio Lower Upper  
43 100  
58 45.5 36.6 55.0



#52  
Toluene  
Concen: 51.517 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 92 Resp: 401133  
Ion Ratio Lower Upper  
92 100  
91 170.4 138.6 207.8

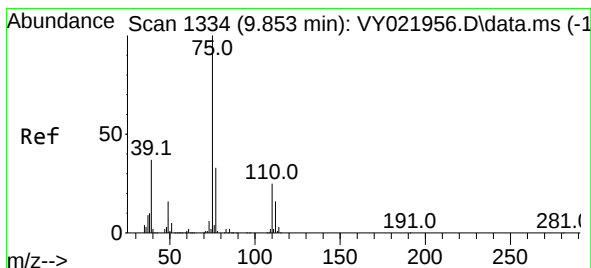
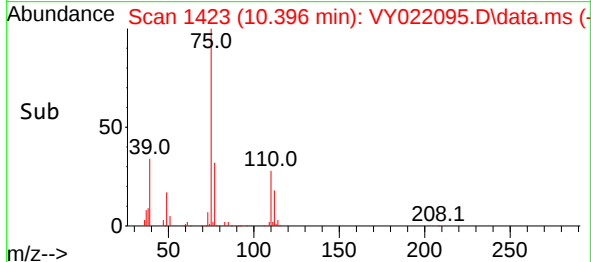
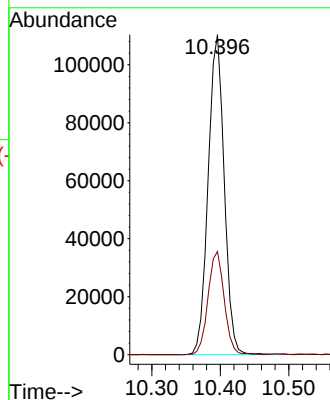
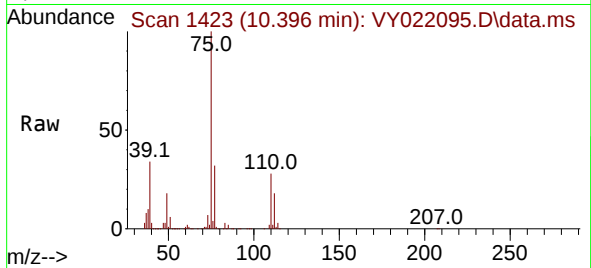




#53  
t-1,3-Dichloropropene  
Concen: 50.528 ug/l  
RT: 10.396 min Scan# 1422  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

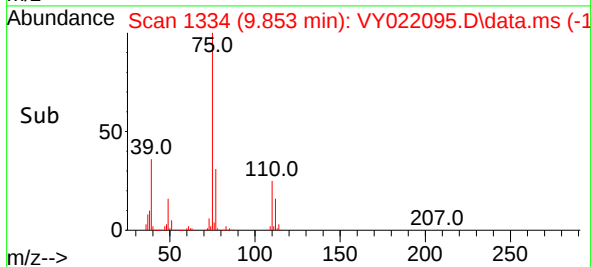
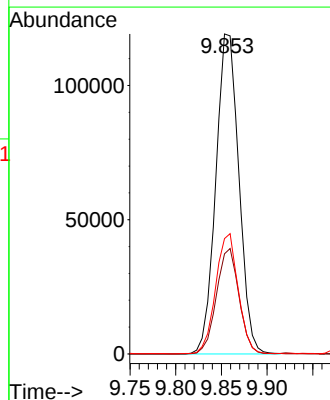
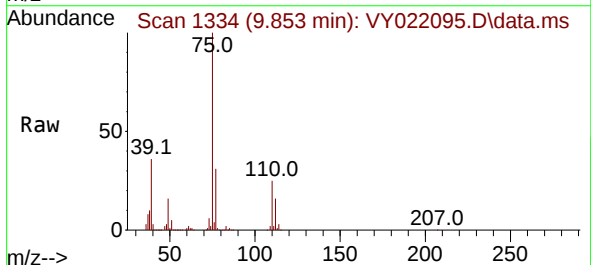
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

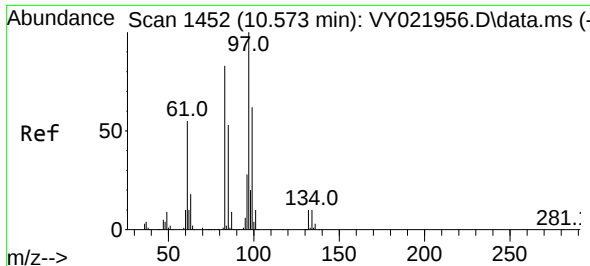
Tgt Ion: 75 Resp: 180292  
Ion Ratio Lower Upper  
75 100  
77 32.2 24.0 36.0



#54  
cis-1,3-Dichloropropene  
Concen: 49.447 ug/l  
RT: 9.853 min Scan# 1334  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 209730  
Ion Ratio Lower Upper  
75 100  
77 31.3 26.6 40.0  
39 35.9 29.6 44.4

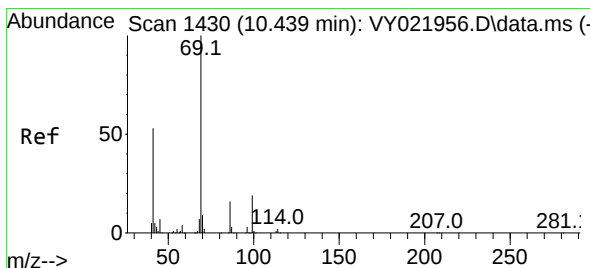
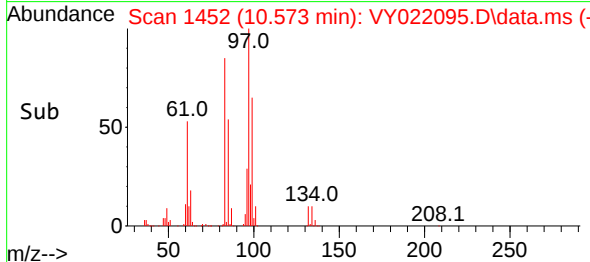
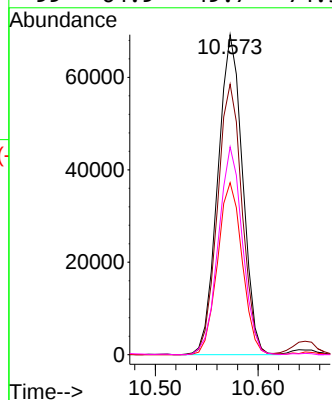
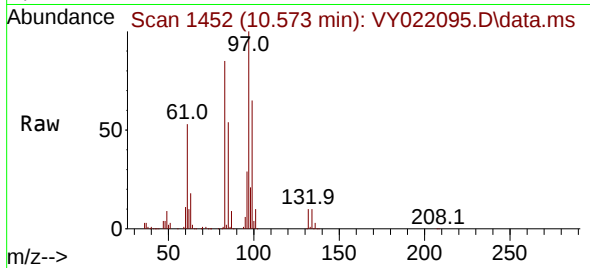




#55  
1,1,2-Trichloroethane  
Concen: 52.135 ug/l  
RT: 10.573 min Scan# 1452  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

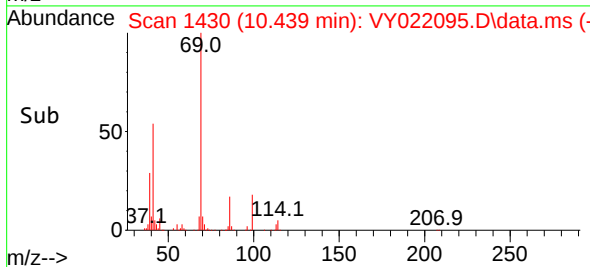
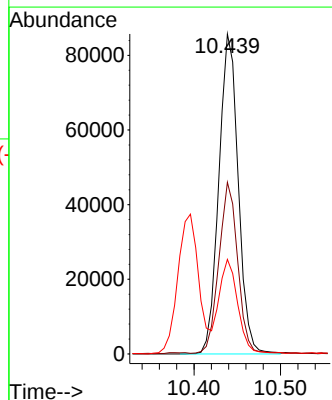
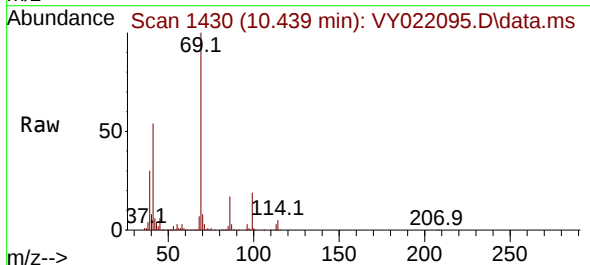
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

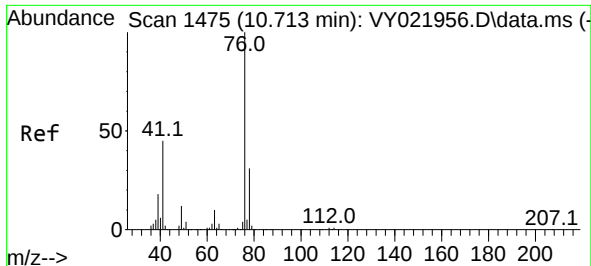
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 115966 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.6  | 66.7  | 100.1  |
| 85       | 53.7  | 42.6  | 64.0   |
| 99       | 64.9  | 49.7  | 74.5   |



#56  
Ethyl methacrylate  
Concen: 52.343 ug/l  
RT: 10.439 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 133143 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 52.0  | 40.7  | 61.1   |
| 39       | 27.9  | 23.3  | 34.9   |





#57

1,3-Dichloropropane

Concen: 51.135 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

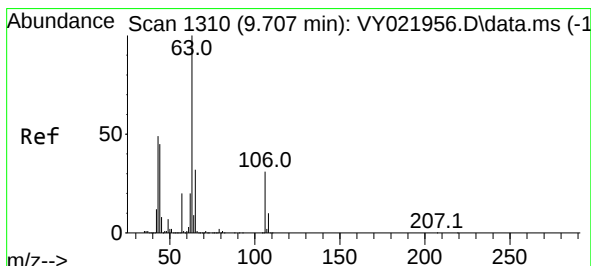
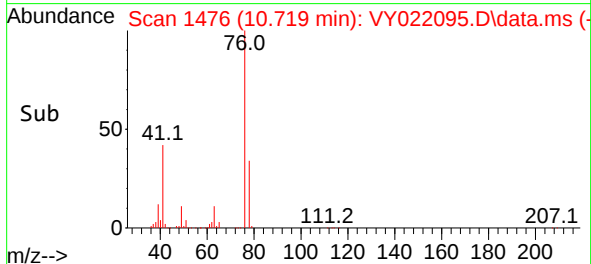
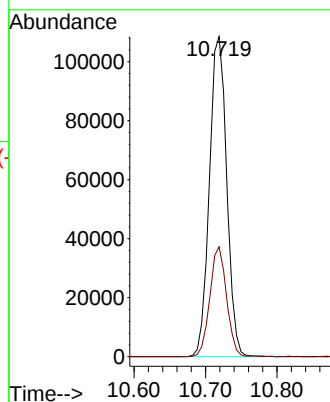
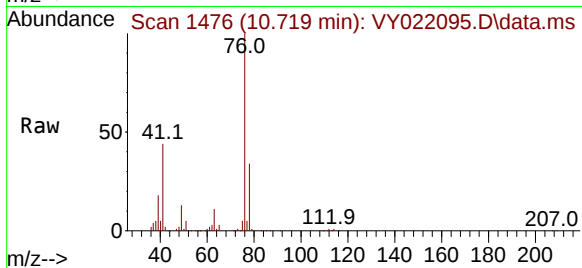
VSTDCCC050

Tgt Ion: 76 Resp: 182342

Ion Ratio Lower Upper

76 100

78 33.2 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 282.693 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022095.D

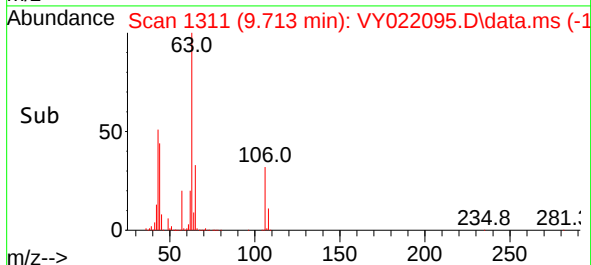
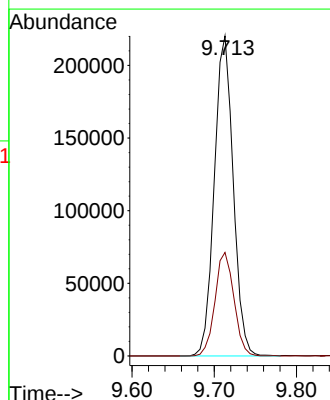
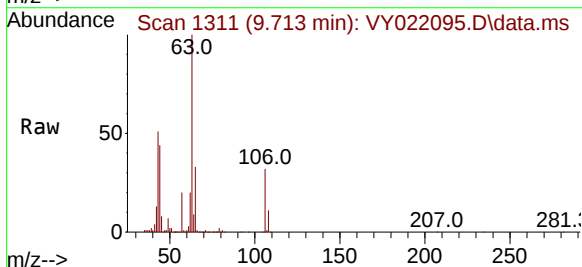
Acq: 01 May 2025 08:50

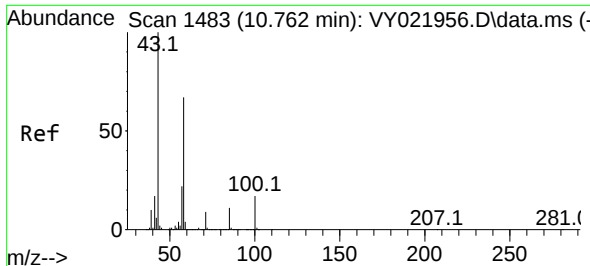
Tgt Ion: 63 Resp: 351579

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9

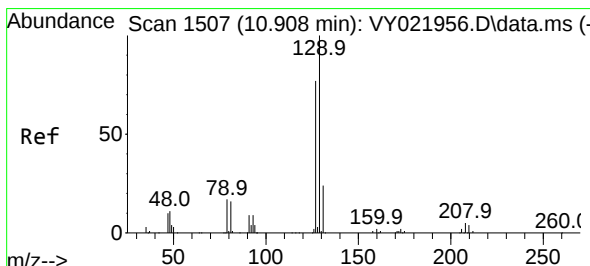
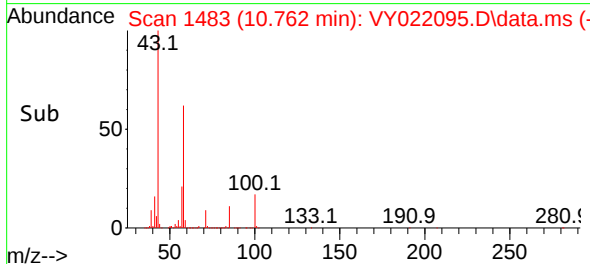
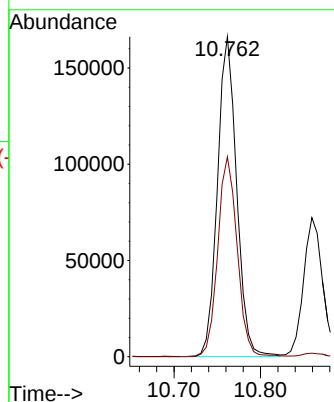
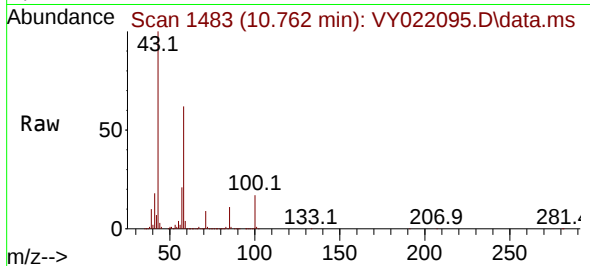




#59  
2-Hexanone  
Concen: 278.311 ug/l  
RT: 10.762 min Scan# 1483  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

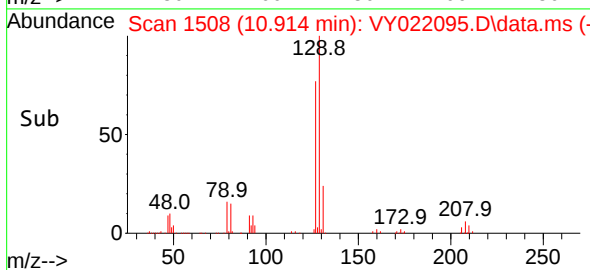
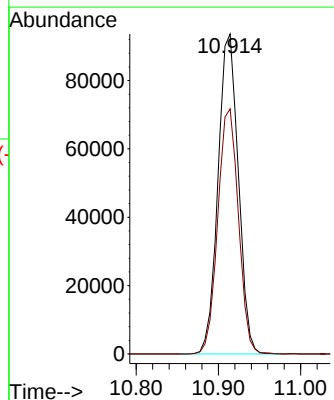
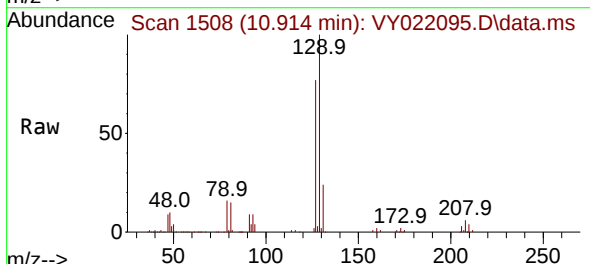
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

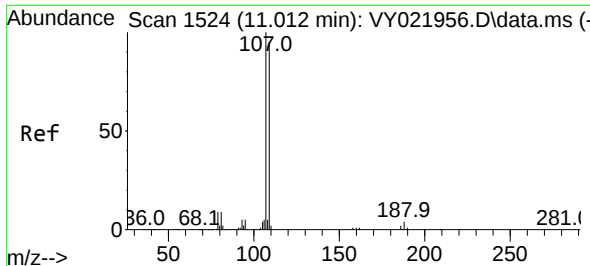
Tgt Ion: 43 Resp: 255399  
Ion Ratio Lower Upper  
43 100  
58 63.3 32.0 96.0



#60  
Dibromochloromethane  
Concen: 52.183 ug/l  
RT: 10.914 min Scan# 1508  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 129 Resp: 160702  
Ion Ratio Lower Upper  
129 100  
127 77.8 38.5 115.3

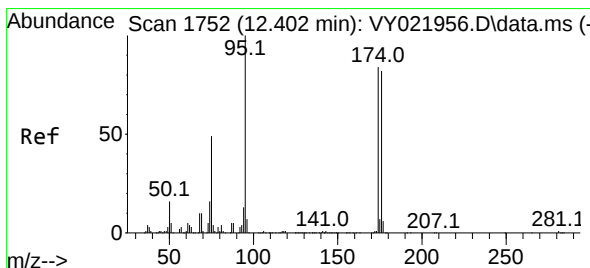
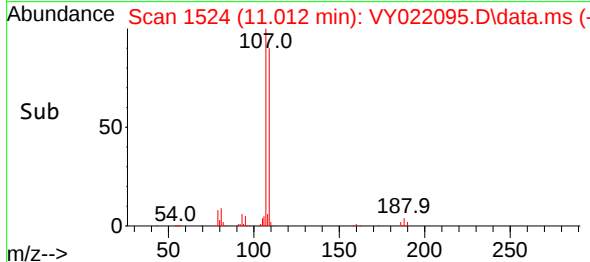
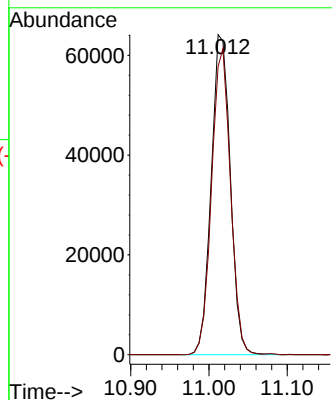
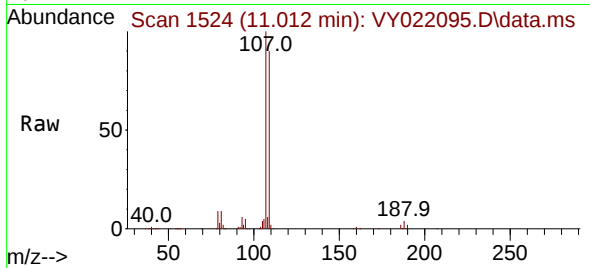




#61  
1,2-Dibromoethane  
Concen: 51.771 ug/l  
RT: 11.012 min Scan# 1524  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

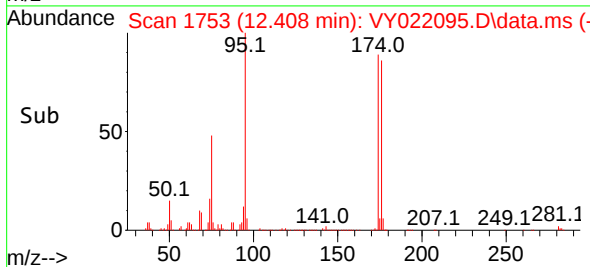
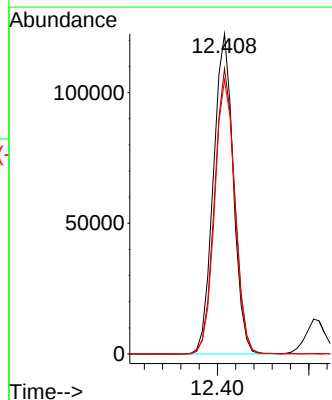
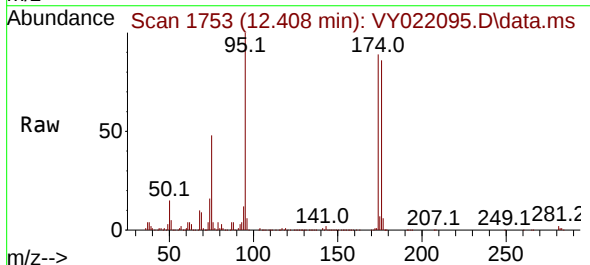
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

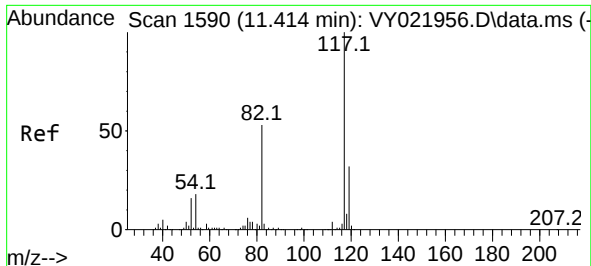
Tgt Ion:107 Resp: 108715  
Ion Ratio Lower Upper  
107 100  
109 94.7 75.8 113.8



#62  
4-Bromofluorobenzene  
Concen: 50.971 ug/l  
RT: 12.408 min Scan# 1753  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 95 Resp: 185315  
Ion Ratio Lower Upper  
95 100  
174 90.7 0.0 179.0  
176 87.0 0.0 171.8

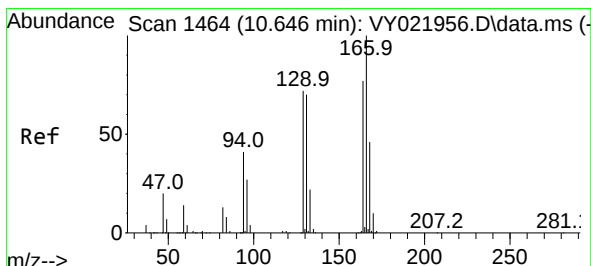
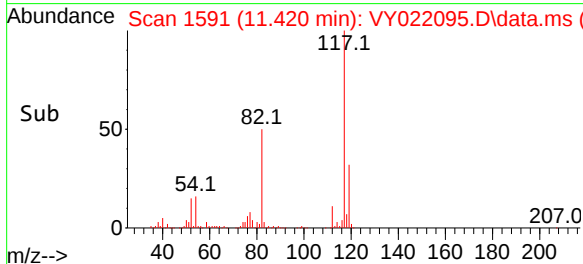
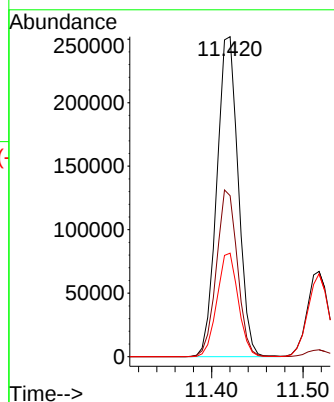
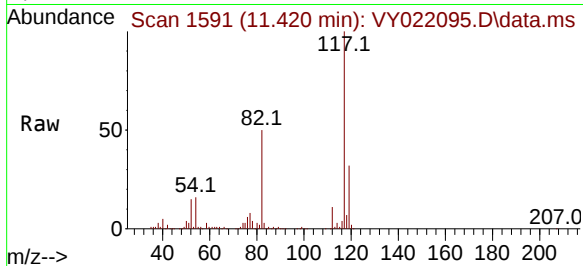




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.420 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

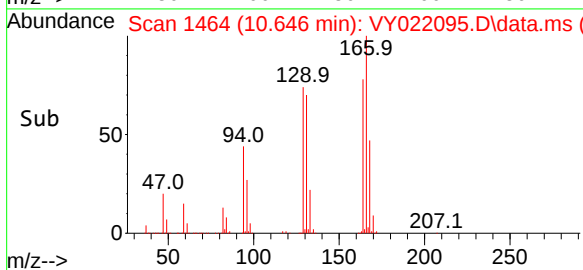
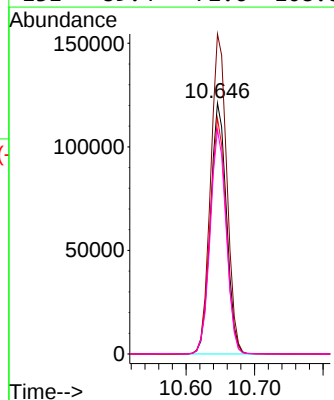
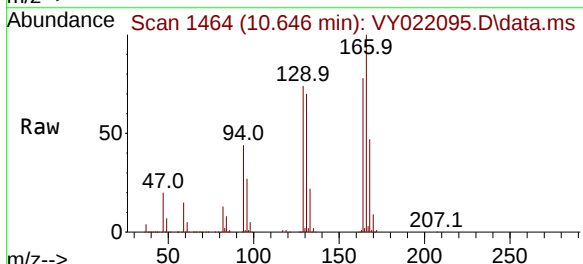
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

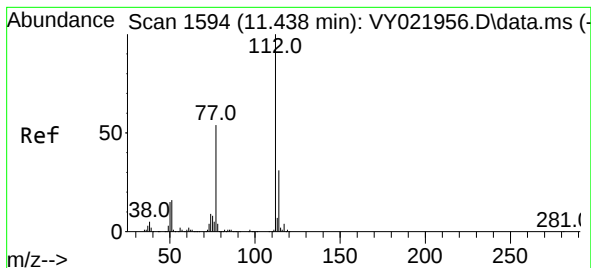
Tgt Ion:117 Resp: 410078  
Ion Ratio Lower Upper  
117 100  
82 50.3 42.1 63.1  
119 32.4 25.7 38.5



#64  
Tetrachloroethene  
Concen: 51.010 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:164 Resp: 197335  
Ion Ratio Lower Upper  
164 100  
166 127.6 103.6 155.4  
129 94.0 74.2 111.4  
131 89.4 72.6 108.8

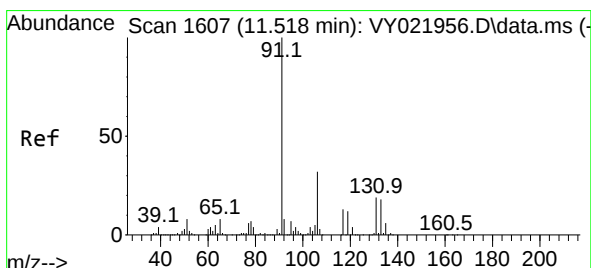
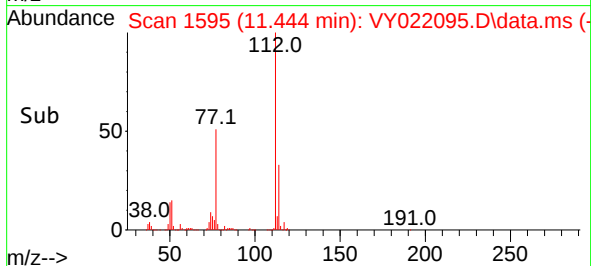
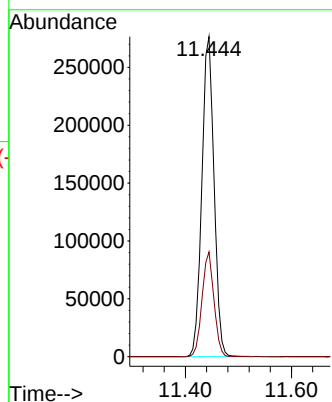
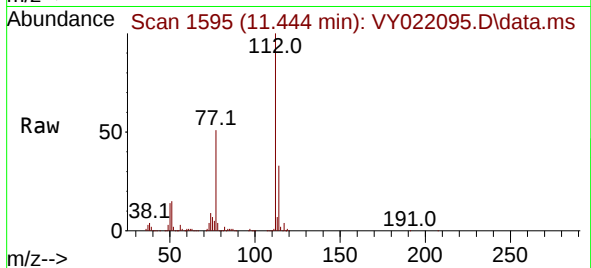




#65  
Chlorobenzene  
Concen: 48.212 ug/l  
RT: 11.444 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

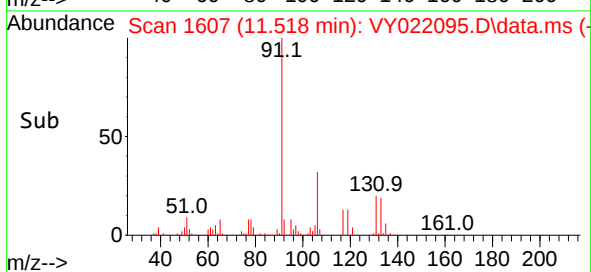
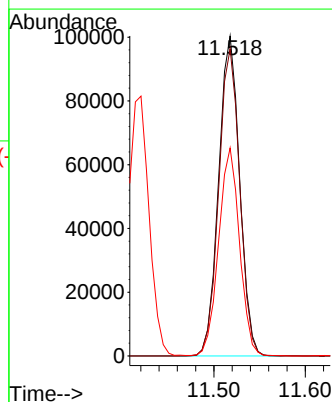
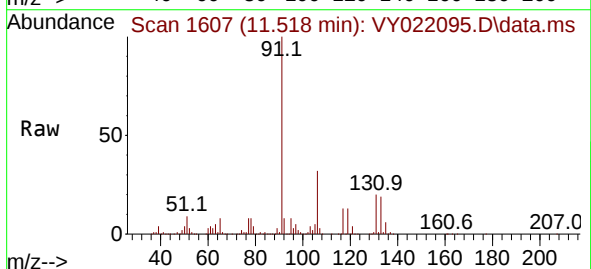
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

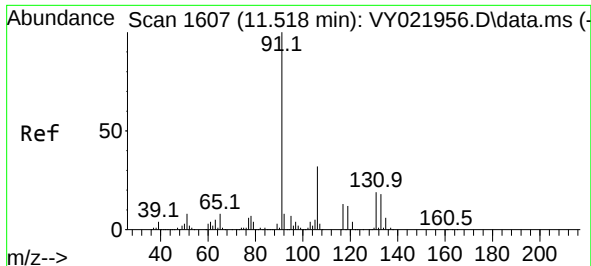
Tgt Ion:112 Resp: 442124  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.0 37.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.657 ug/l  
RT: 11.518 min Scan# 1607  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:131 Resp: 160317  
Ion Ratio Lower Upper  
131 100  
133 96.0 47.8 143.3  
119 64.8 32.4 97.0





#67

Ethyl Benzene

Concen: 49.517 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

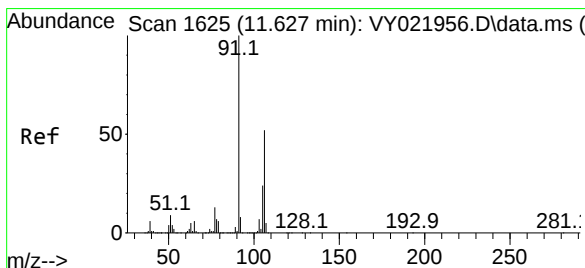
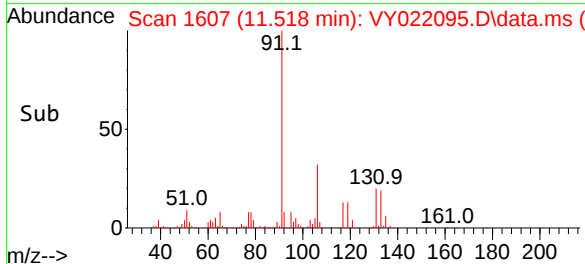
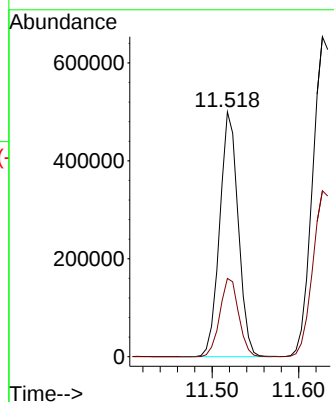
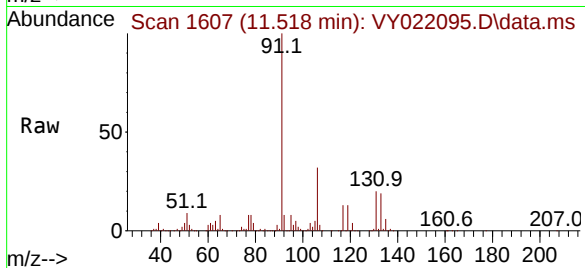
VSTDCCC050

Tgt Ion: 91 Resp: 742816

Ion Ratio Lower Upper

91 100

106 31.9 25.9 38.9



#68

m/p-Xylenes

Concen: 102.352 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022095.D

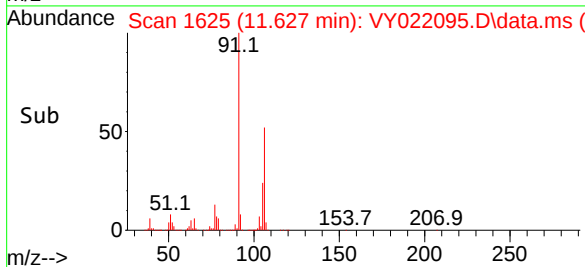
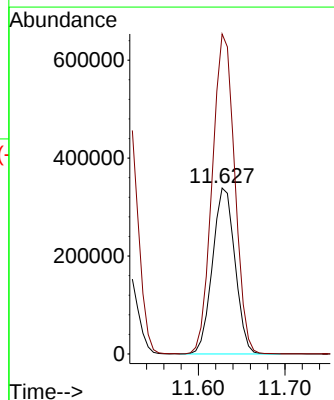
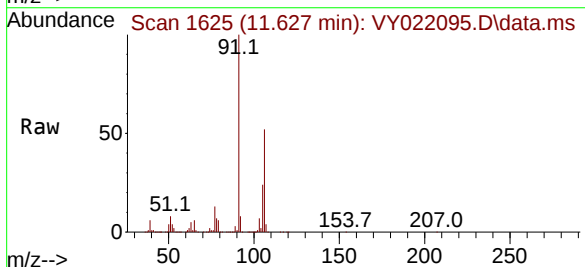
Acq: 01 May 2025 08:50

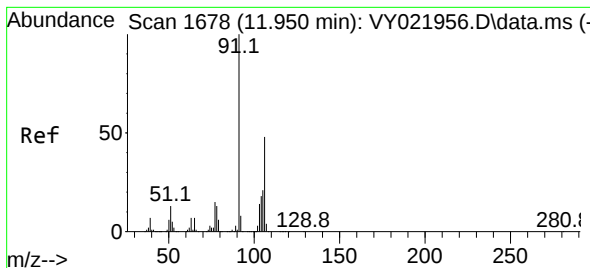
Tgt Ion: 106 Resp: 610976

Ion Ratio Lower Upper

106 100

91 193.1 156.2 234.2





#69

o-Xylene

Concen: 50.386 ug/l

RT: 11.957 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

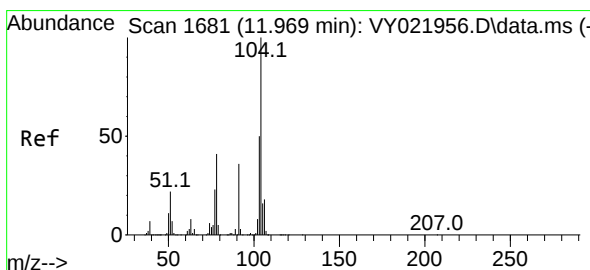
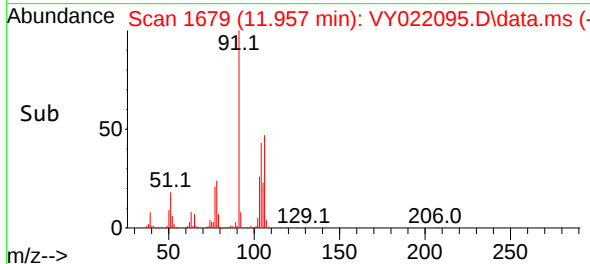
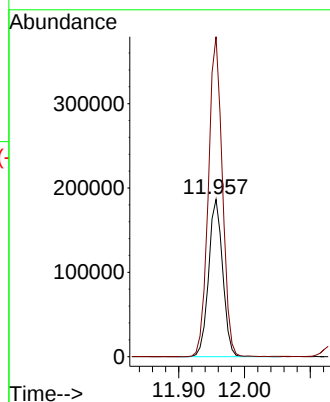
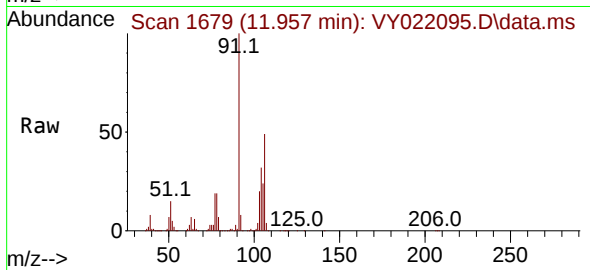
VSTDCCC050

Tgt Ion:106 Resp: 277219

Ion Ratio Lower Upper

106 100

91 202.9 103.0 308.9



#70

Styrene

Concen: 52.004 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

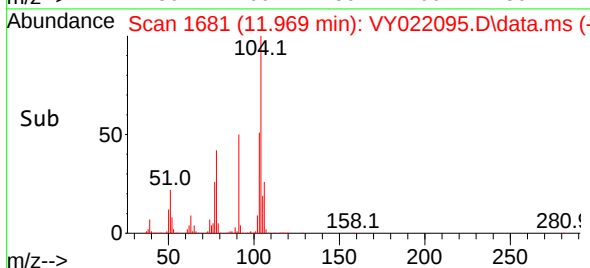
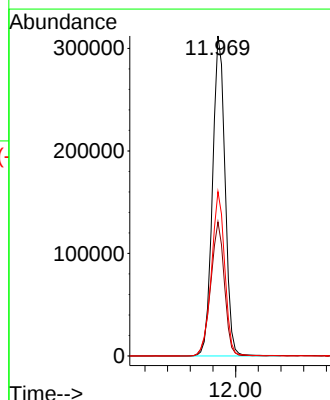
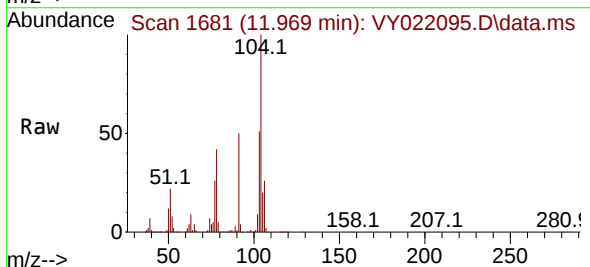
Tgt Ion:104 Resp: 480407

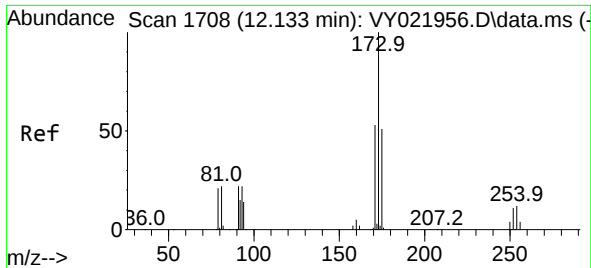
Ion Ratio Lower Upper

104 100

78 45.3 36.6 54.8

103 54.2 43.8 65.8

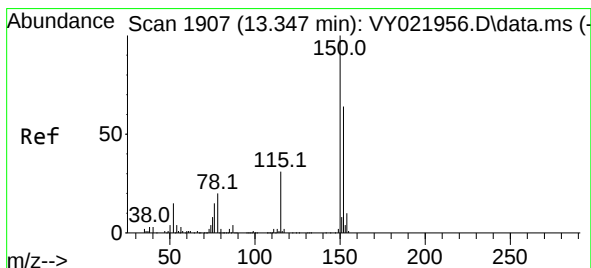
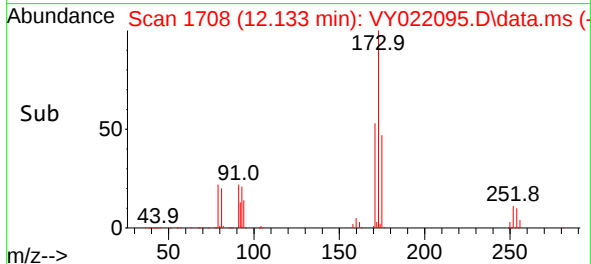
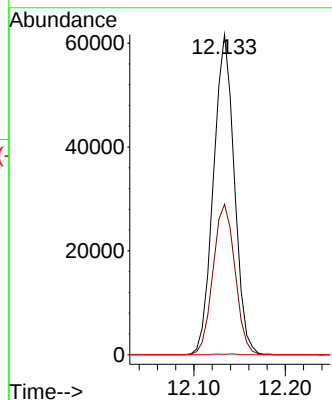
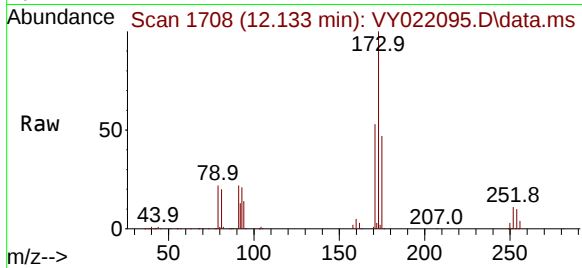




#71  
Bromoform  
Concen: 51.974 ug/l  
RT: 12.133 min Scan# 1708  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

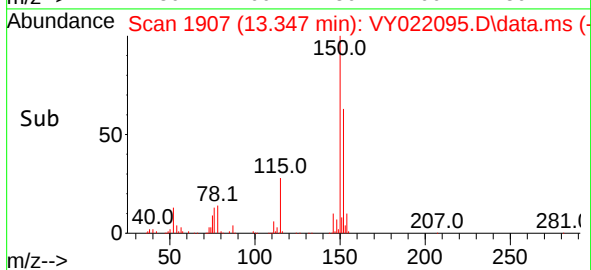
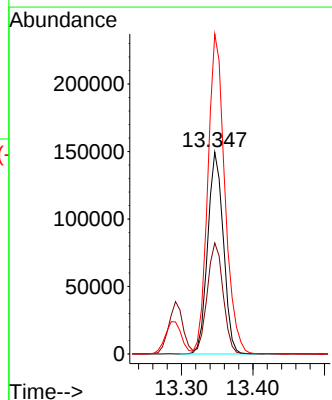
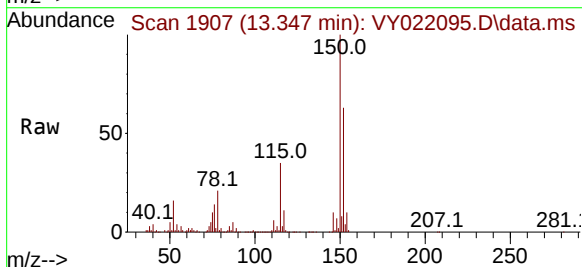
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

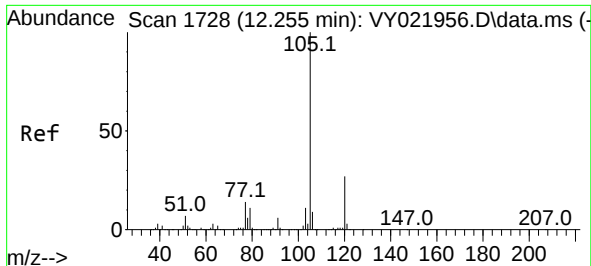
Tgt Ion:173 Resp: 97556  
Ion Ratio Lower Upper  
173 100  
175 49.6 24.3 72.8  
254 0.2 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.347 min Scan# 1907  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:152 Resp: 227184  
Ion Ratio Lower Upper  
152 100  
115 56.0 28.0 84.0  
150 172.1 0.0 345.6

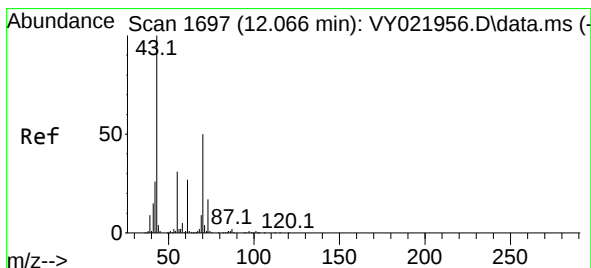
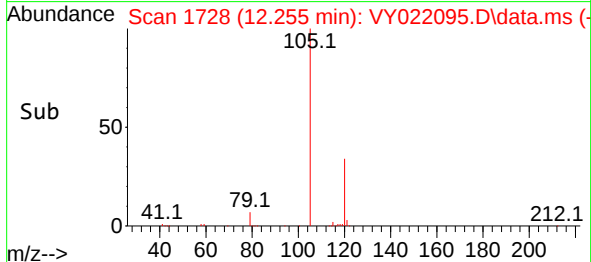
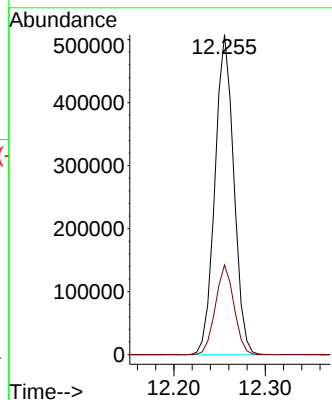
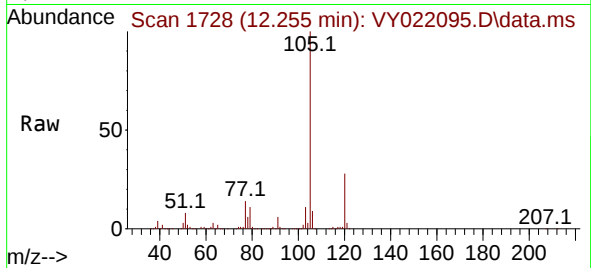




#73  
Isopropylbenzene  
Concen: 47.953 ug/l  
RT: 12.255 min Scan# 1728  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

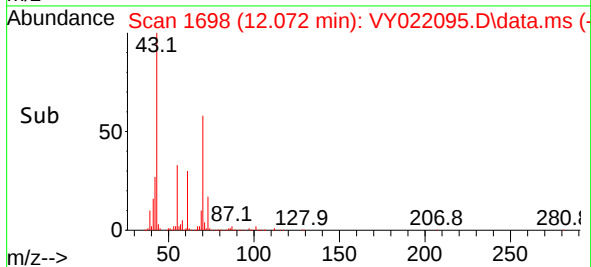
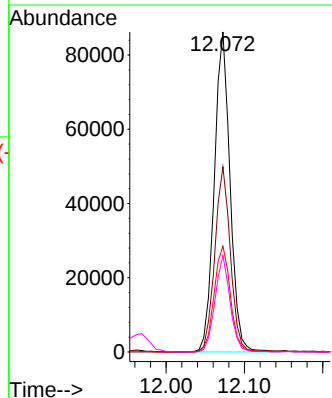
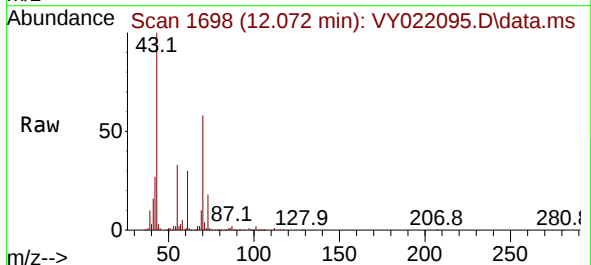
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

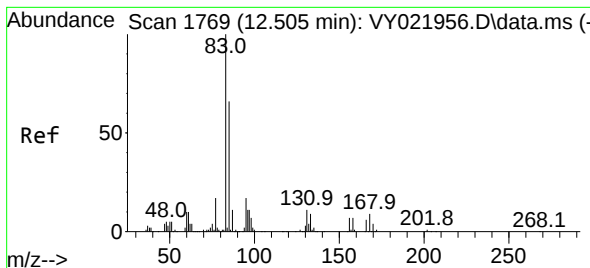
Tgt Ion:105 Resp: 727842  
Ion Ratio Lower Upper  
105 100  
120 27.6 13.5 40.5



#74  
N-ethyl acetate  
Concen: 46.314 ug/l  
RT: 12.072 min Scan# 1698  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 43 Resp: 120776  
Ion Ratio Lower Upper  
43 100  
70 56.9 43.2 64.8  
55 34.3 25.7 38.5  
61 28.7 23.0 34.6

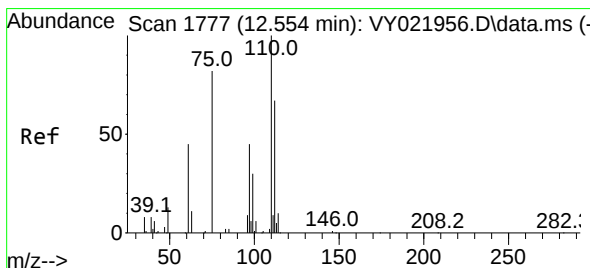
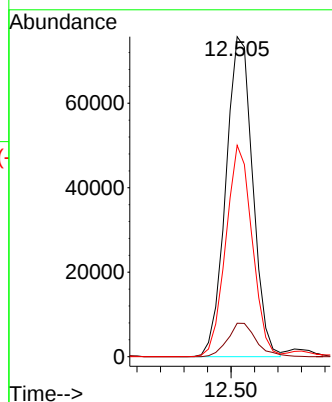
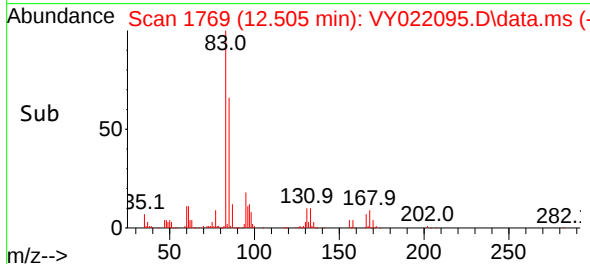
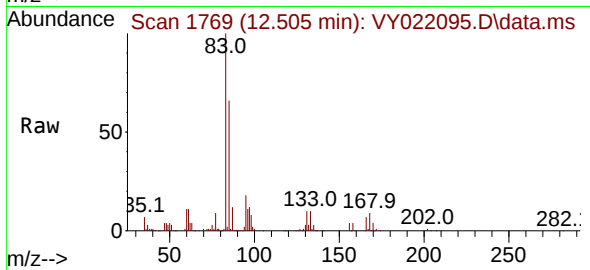




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 47.078 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. 0.000 min  
 Lab File: VY022095.D  
 Acq: 01 May 2025 08:50

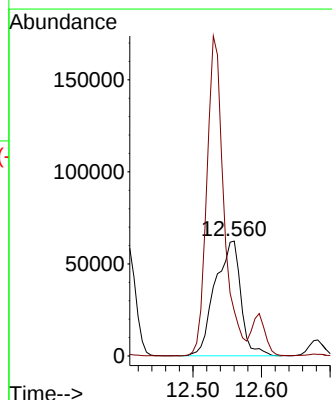
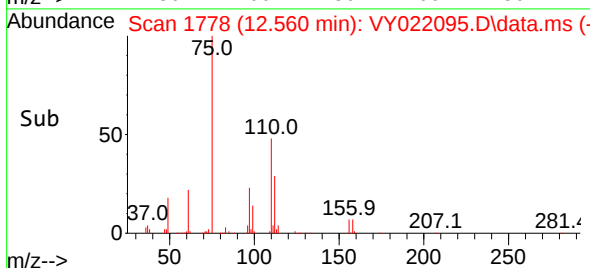
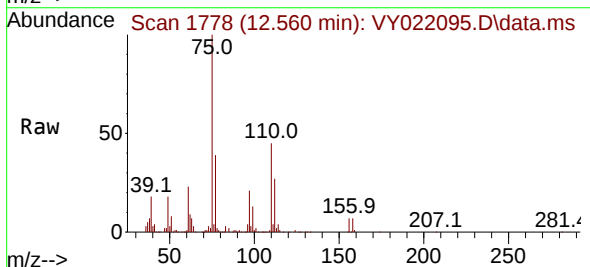
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

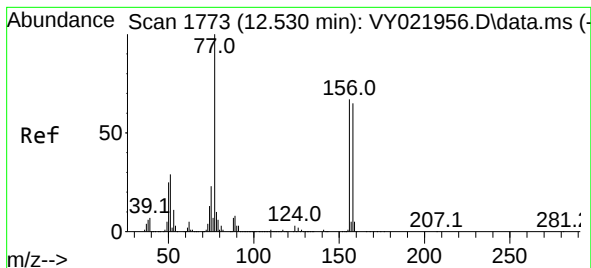
Tgt Ion: 83 Resp: 120473  
 Ion Ratio Lower Upper  
 83 100  
 131 11.1 5.5 16.4  
 85 64.8 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 83.770 ug/l  
 RT: 12.560 min Scan# 1778  
 Delta R.T. 0.006 min  
 Lab File: VY022095.D  
 Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 163011  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.538 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

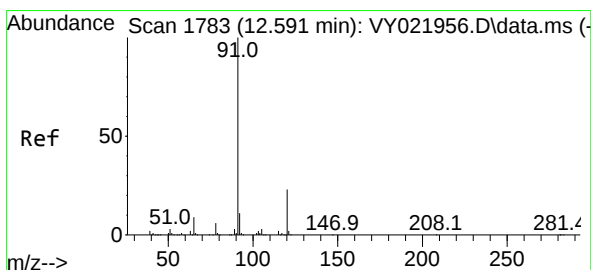
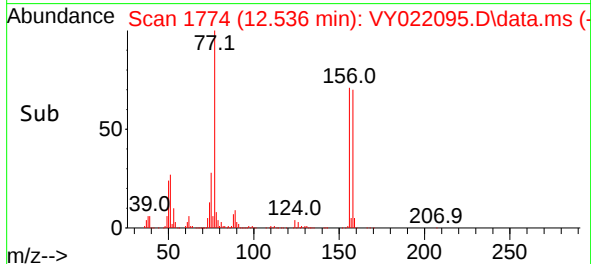
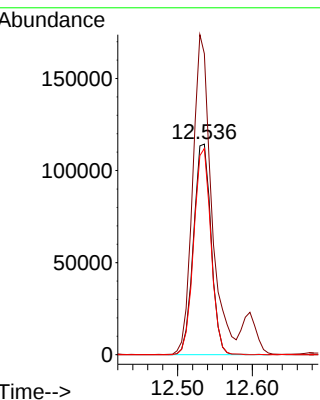
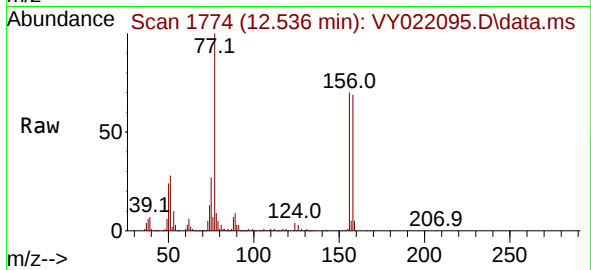
Tgt Ion:156 Resp: 186160

Ion Ratio Lower Upper

156 100

77 162.8 82.7 248.1

158 96.0 48.1 144.4



#78

n-propylbenzene

Concen: 48.382 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY022095.D

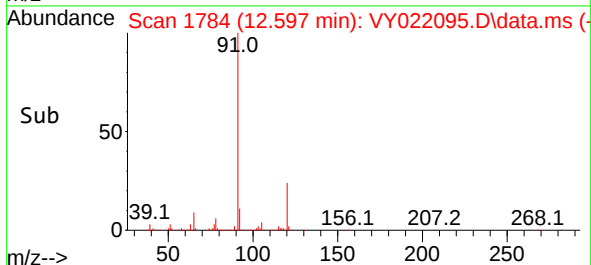
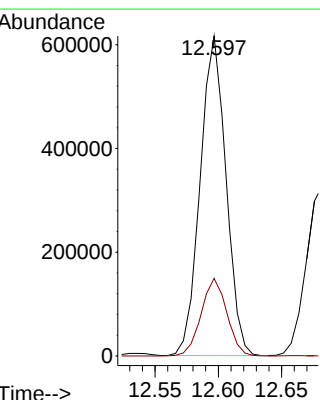
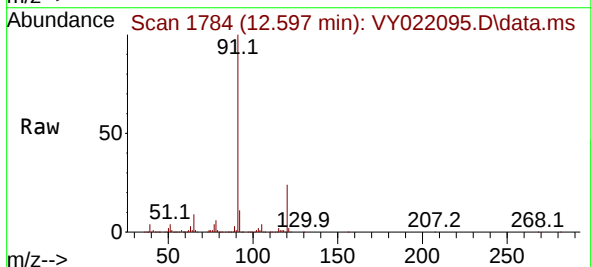
Acq: 01 May 2025 08:50

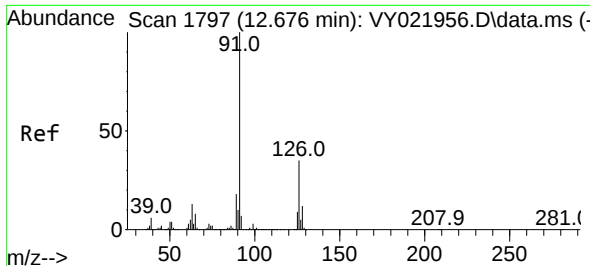
Tgt Ion: 91 Resp: 874536

Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

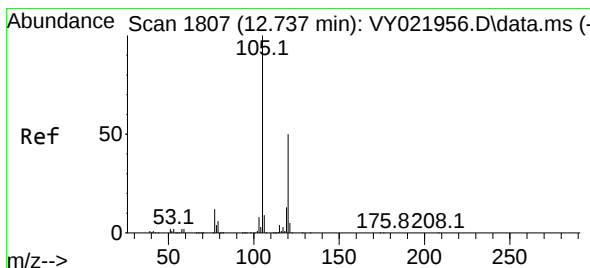
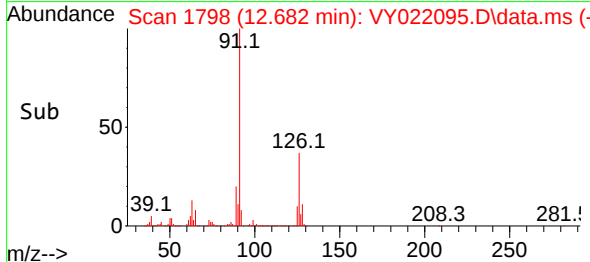
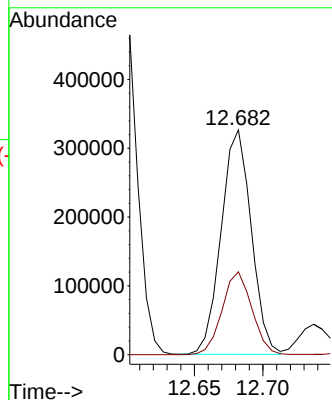
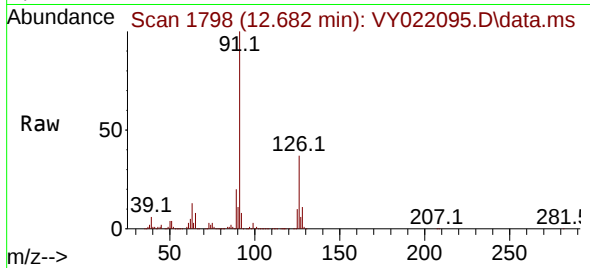




#79  
2-Chlorotoluene  
Concen: 47.417 ug/l  
RT: 12.682 min Scan# 1797  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

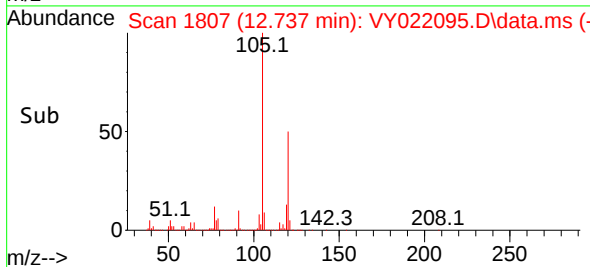
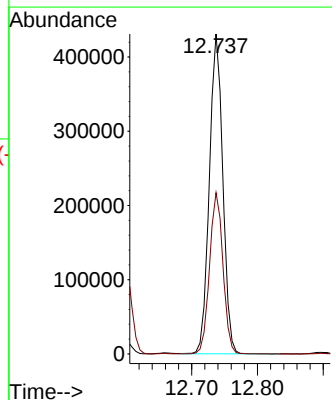
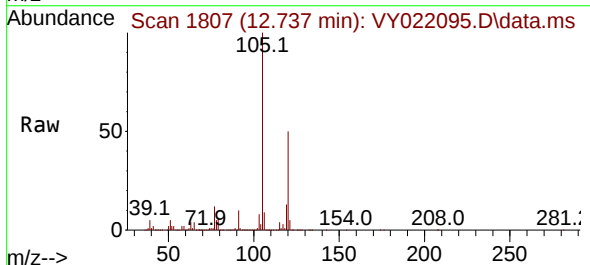
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

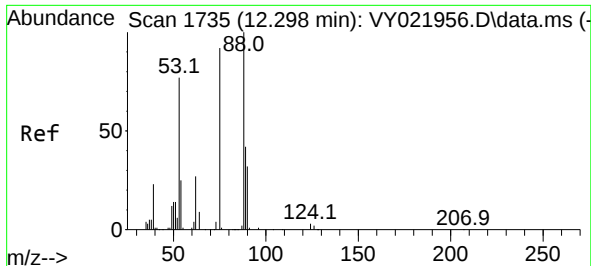
Tgt Ion: 91 Resp: 498448  
Ion Ratio Lower Upper  
91 100  
126 36.5 17.9 53.8



#80  
1,3,5-Trimethylbenzene  
Concen: 49.051 ug/l  
RT: 12.737 min Scan# 1807  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 105 Resp: 613435  
Ion Ratio Lower Upper  
105 100  
120 50.4 25.0 75.0

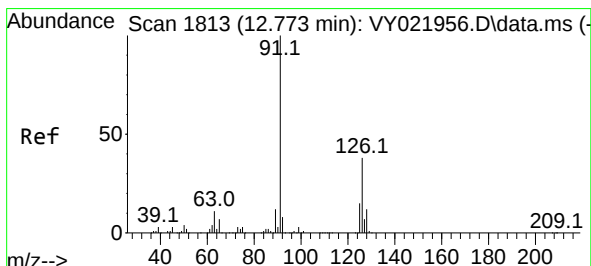
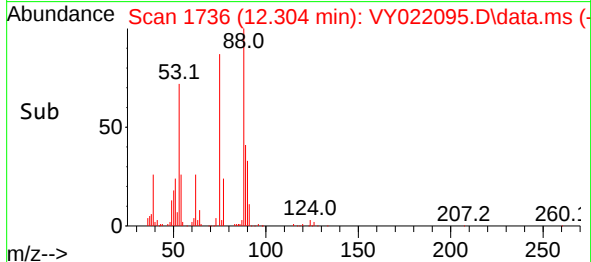
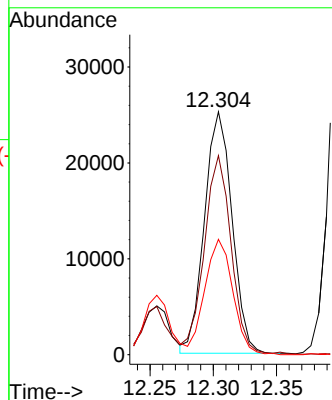
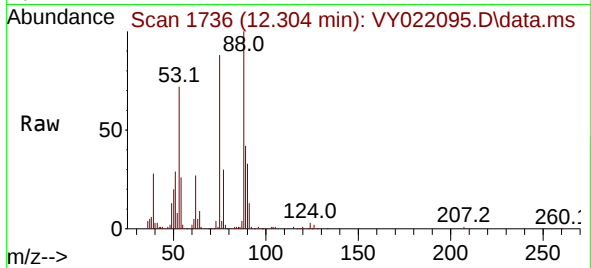




#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.296 ug/l  
RT: 12.304 min Scan# 1735  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

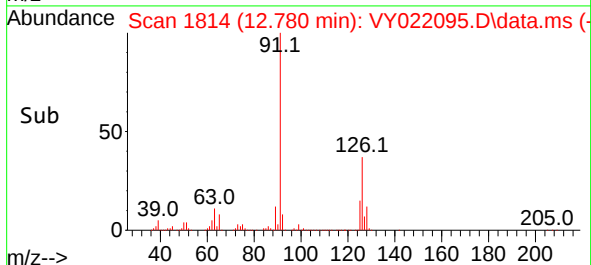
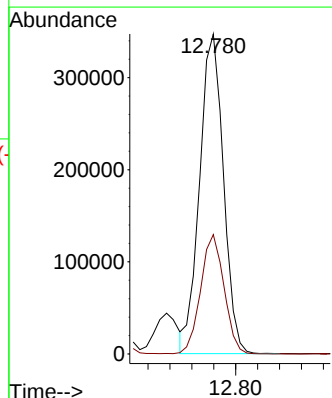
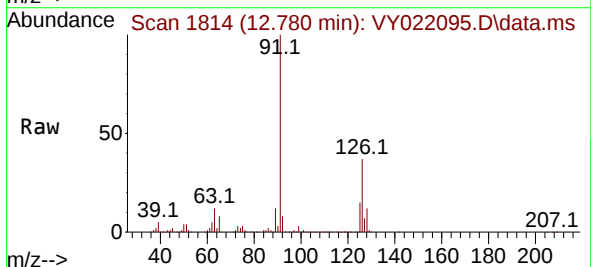
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

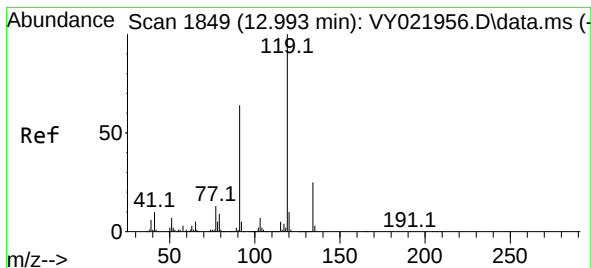
Tgt Ion: 75 Resp: 38218  
Ion Ratio Lower Upper  
75 100  
53 80.9 66.0 99.0  
89 48.3 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 47.904 ug/l  
RT: 12.780 min Scan# 1814  
Delta R.T. 0.006 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 91 Resp: 523473  
Ion Ratio Lower Upper  
91 100  
126 36.8 17.9 53.8





#83

tert-Butylbenzene

Concen: 48.054 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

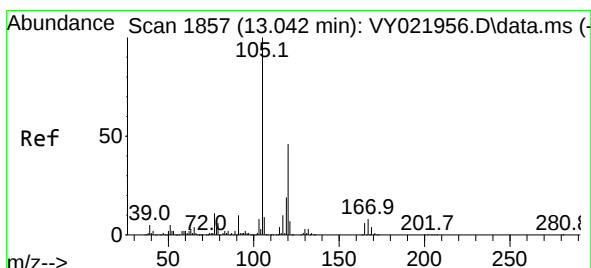
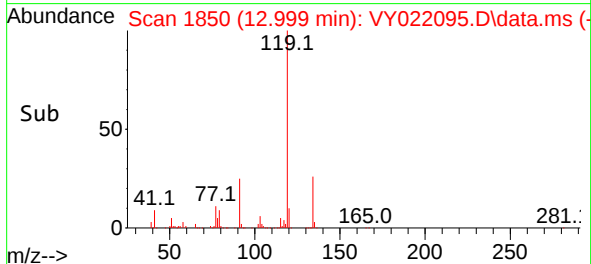
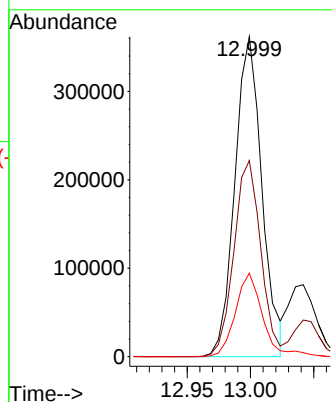
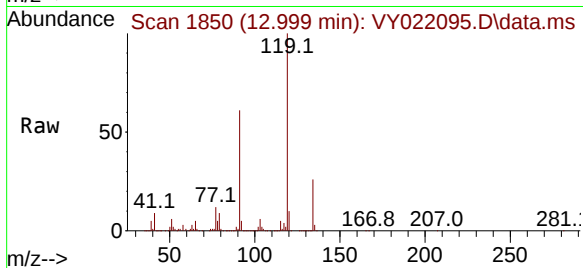
Tgt Ion:119 Resp: 538982

Ion Ratio Lower Upper

119 100

91 60.9 30.3 90.9

134 26.4 12.9 38.7



#84

1,2,4-Trimethylbenzene

Concen: 49.714 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022095.D

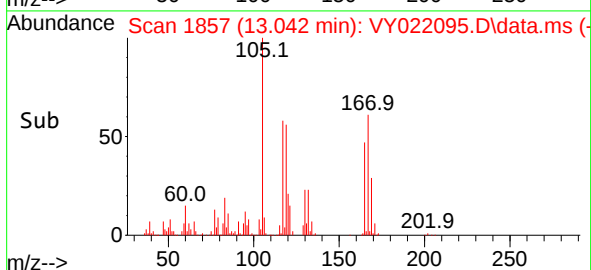
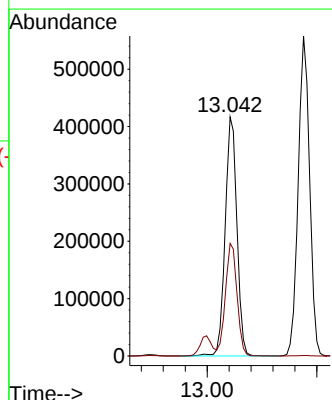
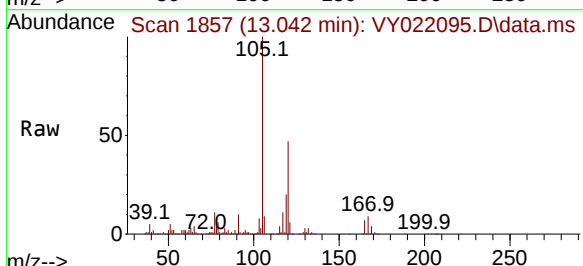
Acq: 01 May 2025 08:50

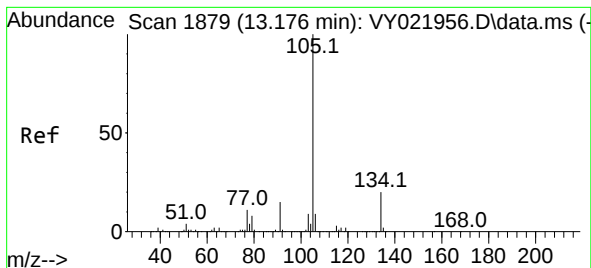
Tgt Ion:105 Resp: 621868

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 48.777 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

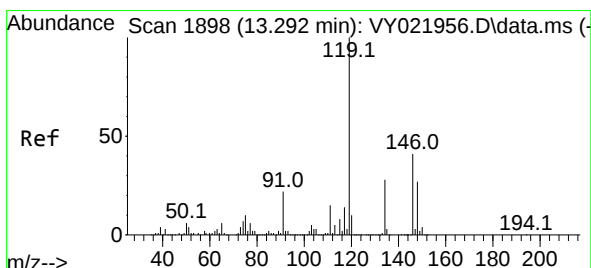
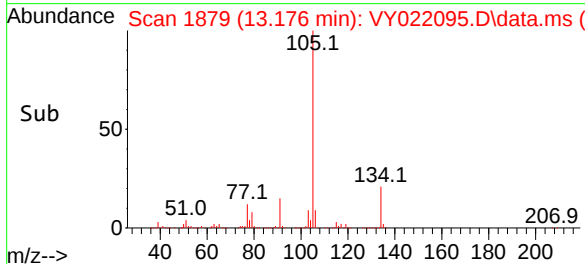
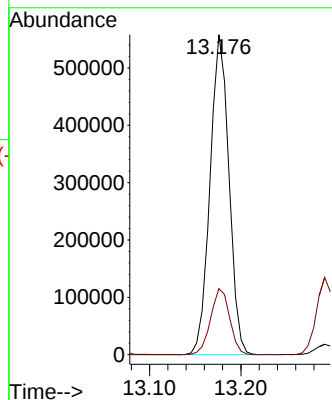
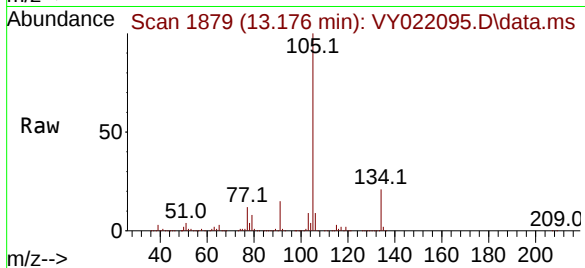
VSTDCCC050

Tgt Ion:105 Resp: 800547

Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.9



#86

p-Isopropyltoluene

Concen: 49.477 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

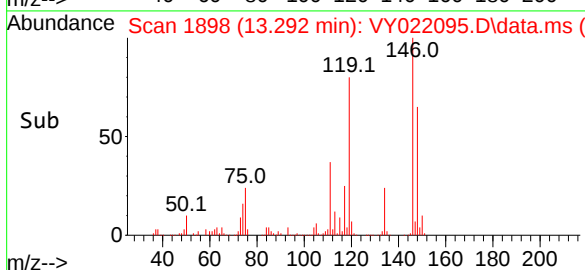
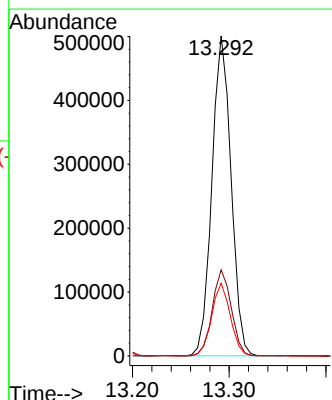
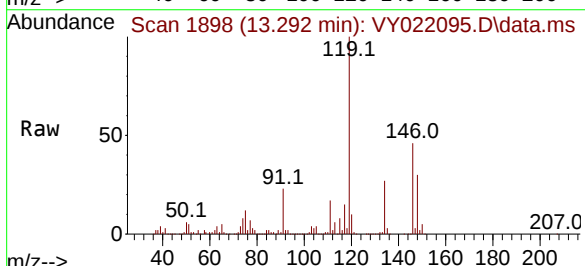
Tgt Ion:119 Resp: 689548

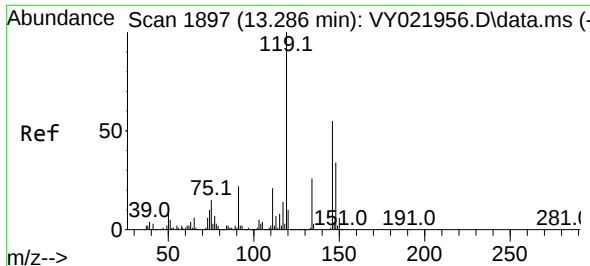
Ion Ratio Lower Upper

119 100

134 26.8 13.6 40.7

91 22.1 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 47.649 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

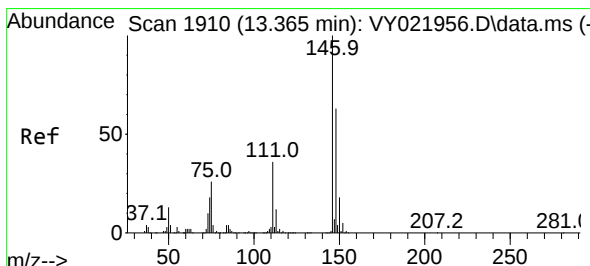
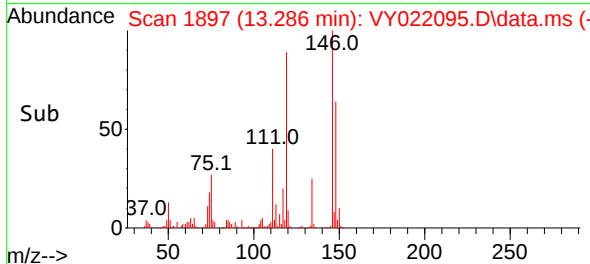
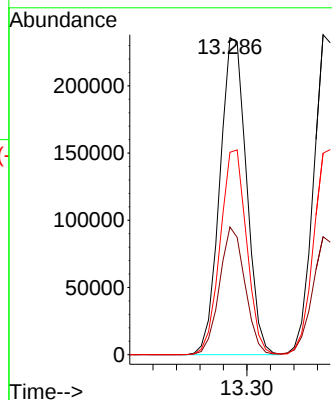
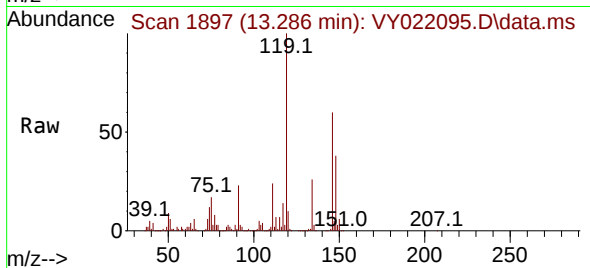
Tgt Ion:146 Resp: 371168

Ion Ratio Lower Upper

146 100

111 38.7 19.1 57.5

148 64.1 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 47.301 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

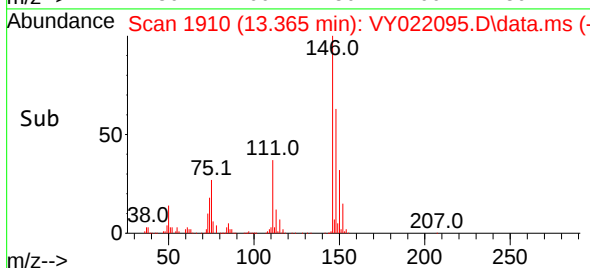
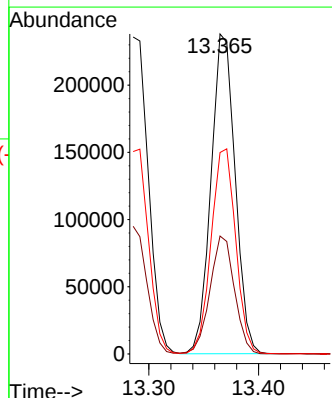
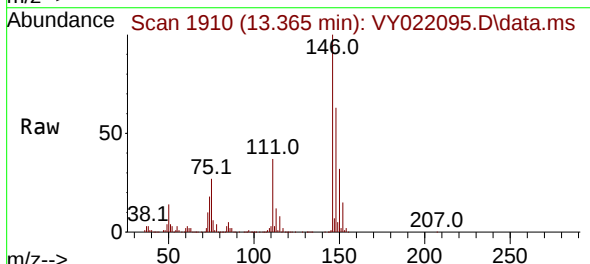
Tgt Ion:146 Resp: 364925

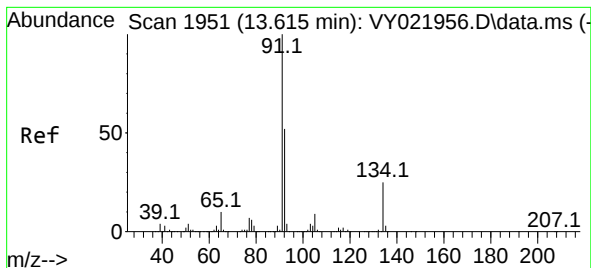
Ion Ratio Lower Upper

146 100

111 37.4 19.2 57.6

148 65.3 32.0 96.0





#89

n-Butylbenzene

Concen: 47.980 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

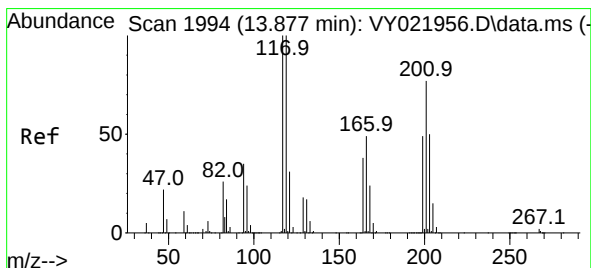
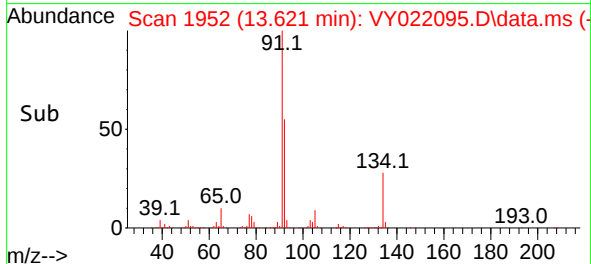
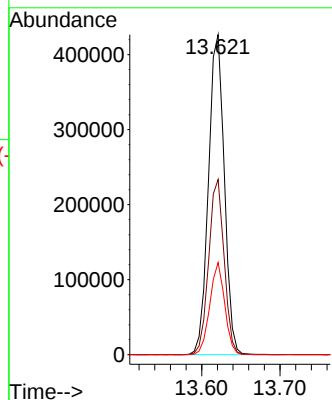
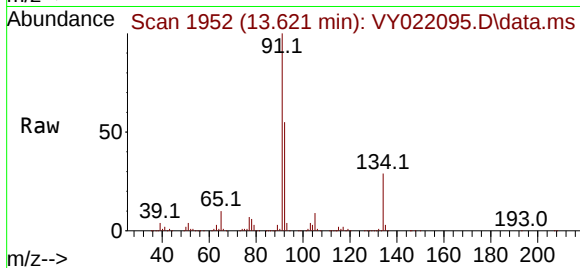
Tgt Ion: 91 Resp: 597694

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 27.1 13.4 40.1



#90

Hexachloroethane

Concen: 46.615 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022095.D

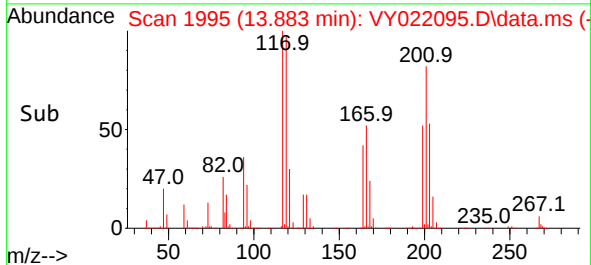
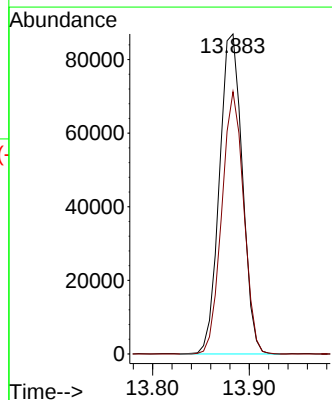
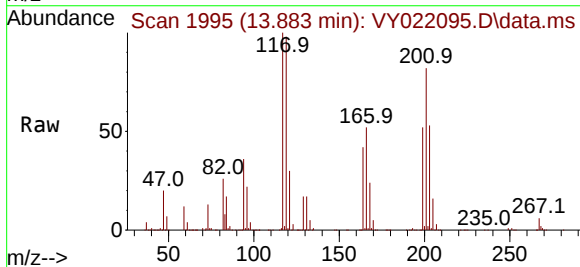
Acq: 01 May 2025 08:50

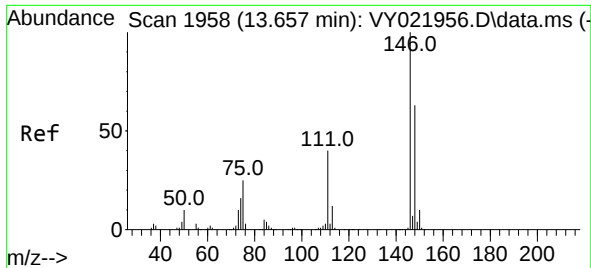
Tgt Ion: 117 Resp: 142735

Ion Ratio Lower Upper

117 100

201 78.4 38.7 116.1

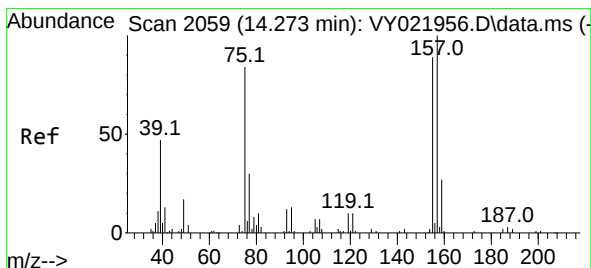
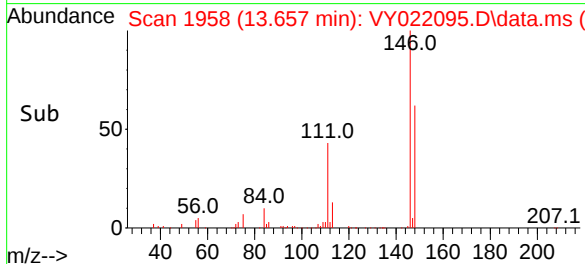
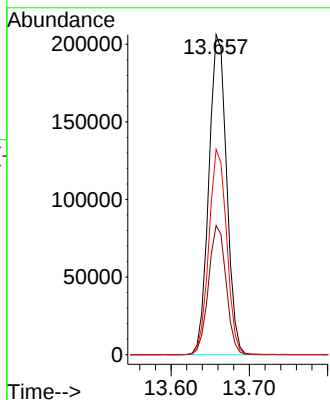
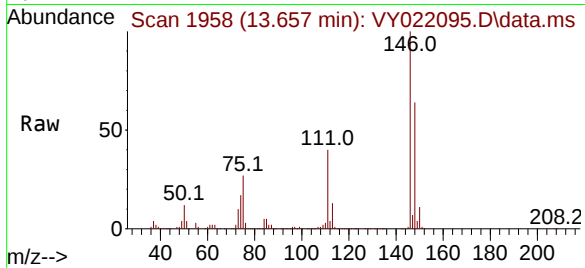




#91  
1,2-Dichlorobenzene  
Concen: 47.720 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

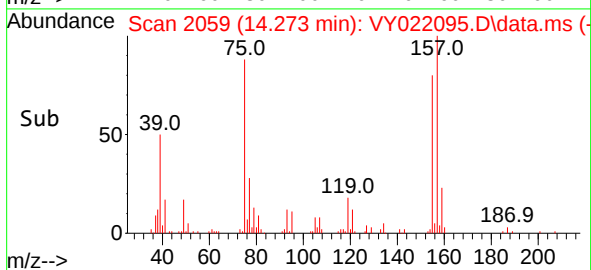
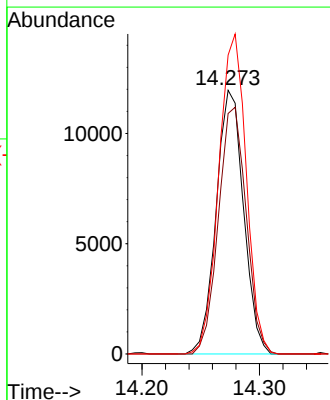
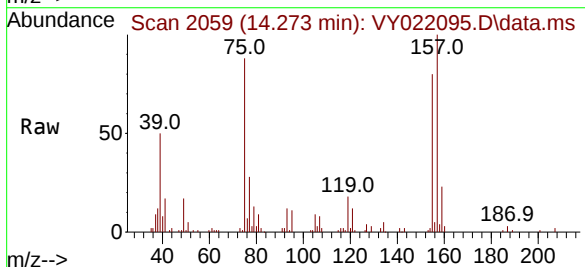
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

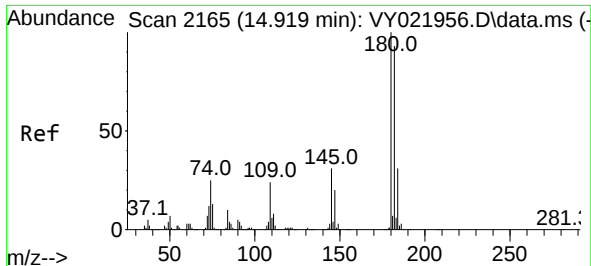
Tgt Ion:146 Resp: 324218  
Ion Ratio Lower Upper  
146 100  
111 40.0 19.7 59.1  
148 64.2 32.1 96.3



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.643 ug/l  
RT: 14.273 min Scan# 2059  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion: 75 Resp: 19397  
Ion Ratio Lower Upper  
75 100  
155 94.8 50.7 152.3  
157 121.5 62.6 187.8

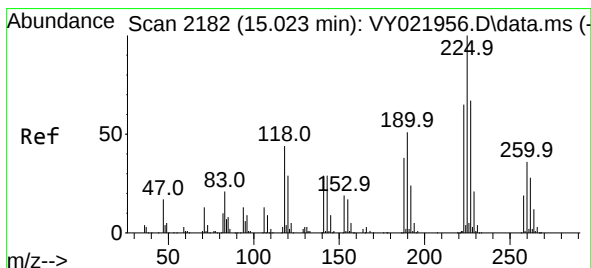
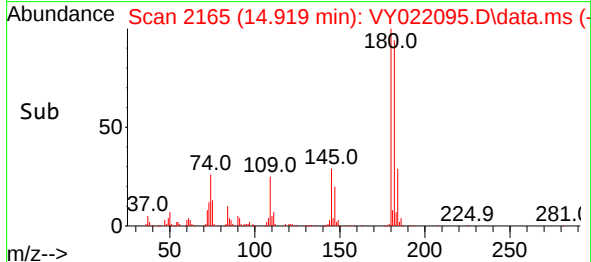
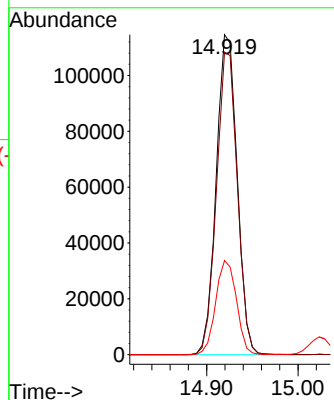
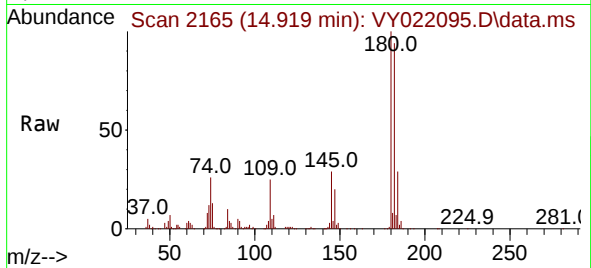




#93  
1,2,4-Trichlorobenzene  
Concen: 47.340 ug/l  
RT: 14.919 min Scan# 2165  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

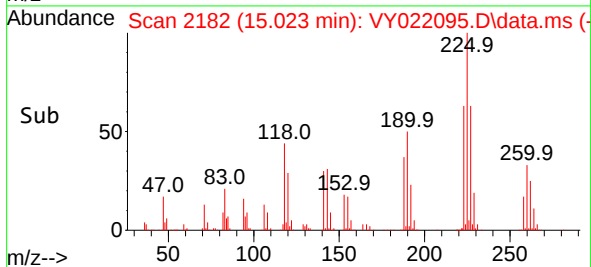
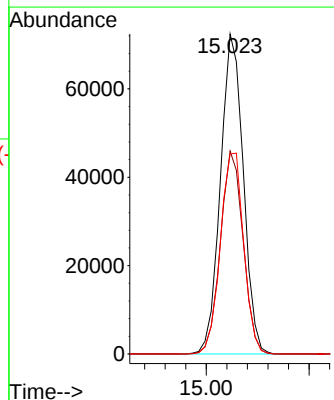
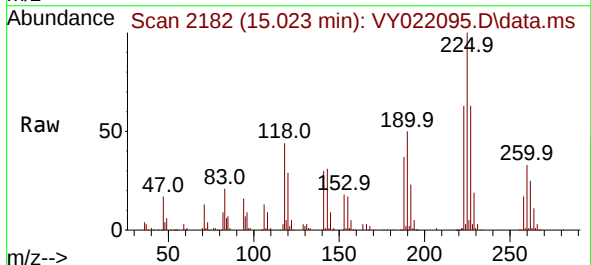
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

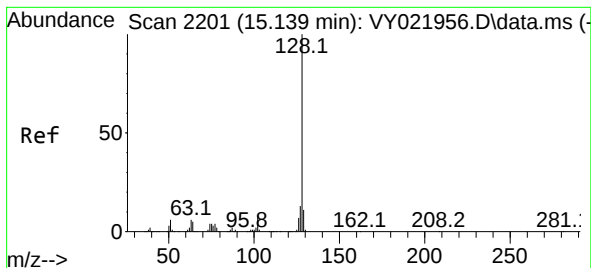
Tgt Ion:180 Resp: 182261  
Ion Ratio Lower Upper  
180 100  
182 94.4 47.1 141.4  
145 29.3 15.0 45.0



#94  
Hexachlorobutadiene  
Concen: 47.066 ug/l  
RT: 15.023 min Scan# 2182  
Delta R.T. 0.000 min  
Lab File: VY022095.D  
Acq: 01 May 2025 08:50

Tgt Ion:225 Resp: 111490  
Ion Ratio Lower Upper  
225 100  
223 63.0 31.9 95.5  
227 64.2 32.3 96.9





#95

Naphthalene

Concen: 47.598 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

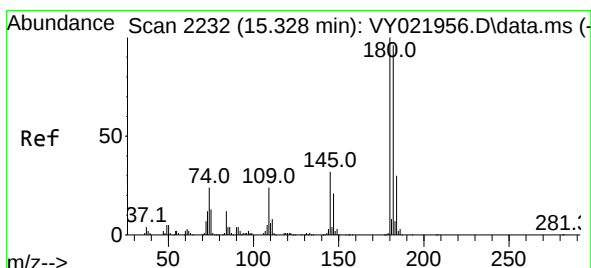
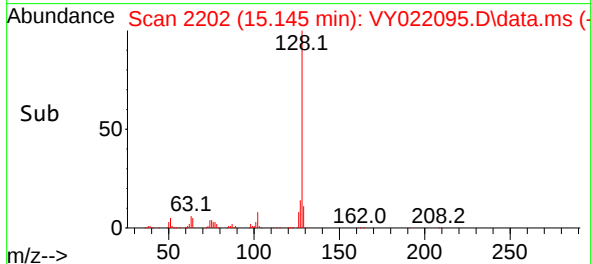
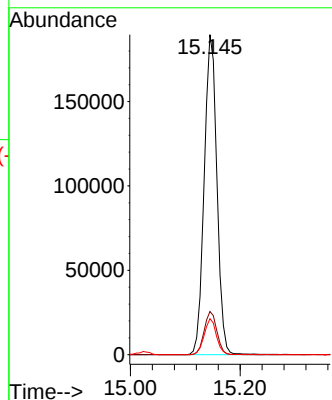
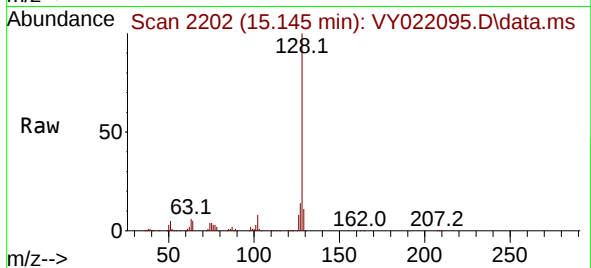
Tgt Ion:128 Resp: 304421

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.9 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 47.678 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022095.D

Acq: 01 May 2025 08:50

Tgt Ion:180 Resp: 158454

Ion Ratio Lower Upper

180 100

182 93.6 48.1 144.4

145 31.4 16.0 48.0

