

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062525\  
 Data File : VY022811.D  
 Acq On : 25 Jun 2025 09:13  
 Operator : SY/MD  
 Sample : VSTDC0050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDC0050

Quant Time: Jun 26 01:20:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.707  | 168  | 448549   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.610  | 114  | 727879   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.414 | 117  | 634524   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.340 | 152  | 316858   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.061  | 65    | 240425   | 48.025   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 96.040%  |
| 35) Dibromofluoromethane    | 7.628  | 113   | 224975   | 50.823   | ug/l | -0.01    |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 101.640% |
| 50) Toluene-d8              | 10.103 | 98    | 914056   | 52.037   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =    | 104.080% |
| 62) 4-Bromofluorobenzene    | 12.402 | 95    | 289678   | 51.300   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =    | 102.600% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.861 | 85  | 180214  | 46.985  | ug/l   | 98  |
| 3) Chloromethane             | 2.068 | 50  | 304245  | 41.540  | ug/l   | 97  |
| 4) Vinyl Chloride            | 2.202 | 62  | 422331  | 46.155  | ug/l   | 99  |
| 5) Bromomethane              | 2.592 | 94  | 321449  | 44.686  | ug/l   | 98  |
| 6) Chloroethane              | 2.733 | 64  | 288512  | 46.907  | ug/l   | 95  |
| 7) Trichlorofluoromethane    | 3.050 | 101 | 478972  | 47.274  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.452 | 74  | 115934  | 46.329  | ug/l   | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 3.812 | 101 | 225579  | 48.719  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.001 | 142 | 262810  | 52.132  | ug/l   | 99  |
| 11) Tert butyl alcohol       | 4.854 | 59  | 70733   | 212.488 | ug/l   | 97  |
| 12) 1,1-Dichloroethene       | 3.787 | 96  | 221456  | 48.777  | ug/l   | 99  |
| 13) Acrolein                 | 3.647 | 56  | 86955   | 192.639 | ug/l   | 98  |
| 14) Allyl chloride           | 4.379 | 41  | 331352  | 47.449  | ug/l   | 96  |
| 15) Acrylonitrile            | 5.055 | 53  | 237143  | 227.130 | ug/l   | 100 |
| 16) Acetone                  | 3.866 | 43  | 256030  | 270.581 | ug/l   | 99  |
| 17) Carbon Disulfide         | 4.104 | 76  | 707182  | 48.215  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.379 | 43  | 126312  | 40.309  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.110 | 73  | 584880  | 47.311  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.610 | 84  | 255294  | 42.722  | ug/l   | 95  |
| 21) trans-1,2-Dichloroethene | 5.104 | 96  | 248382  | 47.868  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.012 | 45  | 736490  | 47.489  | ug/l   | 99  |
| 23) Vinyl Acetate            | 5.958 | 43  | 2066183 | 241.229 | ug/l   | 98  |
| 24) 1,1-Dichloroethane       | 5.909 | 63  | 449244  | 47.957  | ug/l   | 99  |
| 25) 2-Butanone               | 6.884 | 43  | 325554  | 236.396 | ug/l   | 98  |
| 26) 2,2-Dichloropropane      | 6.878 | 77  | 400519  | 51.006  | ug/l   | 100 |
| 27) cis-1,2-Dichloroethene   | 6.884 | 96  | 290538  | 48.186  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.244 | 49  | 183603  | 46.620  | ug/l   | 90  |
| 29) Tetrahydrofuran          | 7.262 | 42  | 194236  | 223.363 | ug/l   | 98  |
| 30) Chloroform               | 7.415 | 83  | 458350  | 47.506  | ug/l   | 97  |
| 31) Cyclohexane              | 7.695 | 56  | 401308  | 46.670  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.616 | 97  | 411034  | 49.298  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 7.835 | 75  | 338214  | 50.407  | ug/l   | 99  |
| 37) Ethyl Acetate            | 6.982 | 43  | 136570  | 47.169  | ug/l   | 98  |
| 38) Carbon Tetrachloride     | 7.811 | 117 | 359275  | 50.748  | ug/l   | 98  |
| 39) Methylcyclohexane        | 9.103 | 83  | 443175  | 51.040  | ug/l   | 99  |
| 40) Benzene                  | 8.079 | 78  | 1029813 | 49.920  | ug/l   | 99  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062525\  
 Data File : VY022811.D  
 Acq On : 25 Jun 2025 09:13  
 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: Jun 26 01:20:38 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 24 08:29:52 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.213  | 41   | 76407    | 42.867  | ug/l # | 73       |
| 42) 1,2-Dichloroethane        | 8.152  | 62   | 276872   | 48.978  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.195  | 43   | 284360   | 47.255  | ug/l   | 98       |
| 44) Trichloroethene           | 8.866  | 130  | 265065   | 51.177  | ug/l   | 92       |
| 45) 1,2-Dichloropropane       | 9.140  | 63   | 240940   | 49.903  | ug/l   | 97       |
| 46) Dibromomethane            | 9.231  | 93   | 132491   | 48.340  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.420  | 83   | 350154   | 49.544  | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.219  | 41   | 138660   | 47.932  | ug/l   | 94       |
| 49) 1,4-Dioxane               | 9.225  | 88   | 28884    | 891.995 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone      | 9.993  | 43   | 730067   | 238.741 | ug/l   | 95       |
| 52) Toluene                   | 10.170 | 92   | 661303   | 50.813  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.390 | 75   | 319011   | 50.167  | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene   | 9.853  | 75   | 373423   | 50.646  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 10.566 | 97   | 171753   | 48.394  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.438 | 69   | 239759   | 50.213  | ug/l   | 93       |
| 57) 1,3-Dichloropropane       | 10.713 | 76   | 296576   | 47.897  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.707  | 63   | 578771   | 231.838 | ug/l   | 97       |
| 59) 2-Hexanone                | 10.755 | 43   | 512572   | 246.541 | ug/l   | 96       |
| 60) Dibromochloromethane      | 10.908 | 129  | 227181   | 49.558  | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.012 | 107  | 162586   | 48.956  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.646 | 164  | 316666   | 52.827  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.438 | 112  | 700577   | 50.248  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.511 | 131  | 235790   | 49.930  | ug/l   | 99       |
| 67) Ethyl Benzene             | 11.518 | 91   | 1257234  | 51.322  | ug/l   | 97       |
| 68) m/p-Xylenes               | 11.621 | 106  | 983789   | 103.889 | ug/l   | 100      |
| 69) o-Xylene                  | 11.950 | 106  | 459787   | 51.530  | ug/l   | 100      |
| 70) Styrene                   | 11.969 | 104  | 772857   | 51.710  | ug/l   | 99       |
| 71) Bromoform                 | 12.127 | 173  | 126376   | 48.061  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.249 | 105  | 1205651  | 51.449  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.066 | 43   | 260075   | 49.444  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.505 | 83   | 168089   | 44.506  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.554 | 75   | 260411   | 80.502  | ug/l # | 100      |
| 77) Bromobenzene              | 12.530 | 156  | 262793   | 49.475  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.591 | 91   | 1466178  | 51.821  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 12.676 | 91   | 810209   | 50.685  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.731 | 105  | 974376   | 51.507  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.298 | 75   | 61711    | 48.196  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 12.773 | 91   | 835838   | 49.780  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 12.993 | 119  | 867090   | 51.973  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.036 | 105  | 989679   | 52.254  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.170 | 105  | 1315993  | 52.426  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.286 | 119  | 1102630  | 52.785  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.286 | 146  | 536520   | 50.294  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.359 | 146  | 526174   | 49.655  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.615 | 91   | 1034111  | 52.629  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.877 | 117  | 210549   | 50.607  | ug/l   | 96       |
| 91) 1,2-Dichlorobenzene       | 13.657 | 146  | 462734   | 49.222  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.267 | 75   | 30204    | 47.159  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 14.913 | 180  | 259937   | 48.973  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.017 | 225  | 147577   | 49.168  | ug/l   | 98       |
| 95) Naphthalene               | 15.139 | 128  | 464287   | 48.371  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.322 | 180  | 221282   | 48.245  | ug/l   | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062525\  
Data File : VY022811.D  
Acq On : 25 Jun 2025 09:13  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

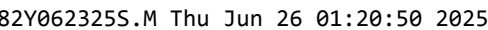
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

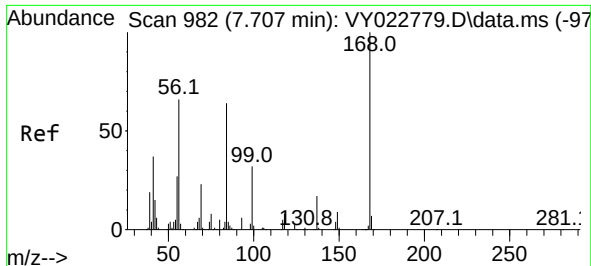
Quant Time: Jun 26 01:20:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

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

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

Quant Time: Jun 26 01:20:38 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062325S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 24 08:29:52 2025  
Response via : Initial Calibration

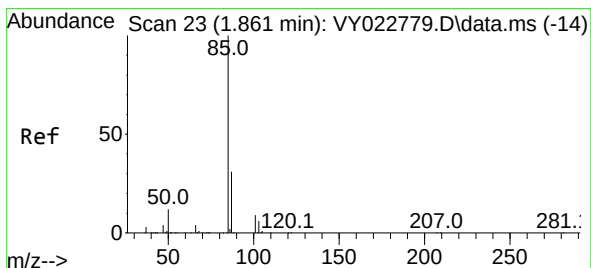
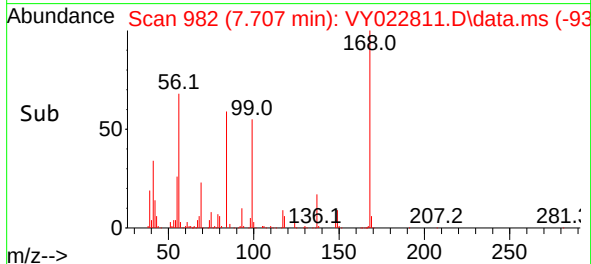
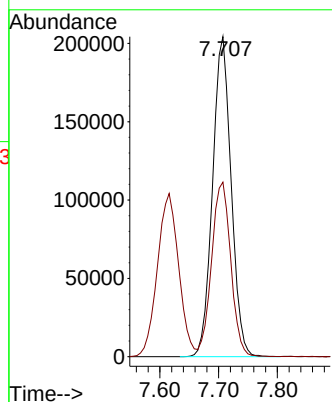
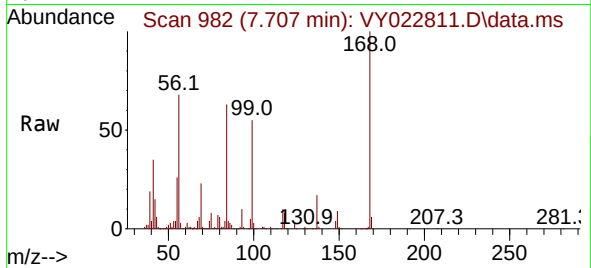




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.707 min Scan# 982  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

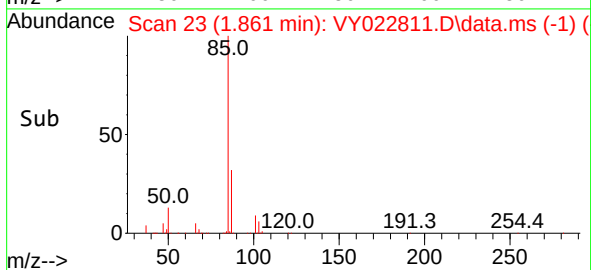
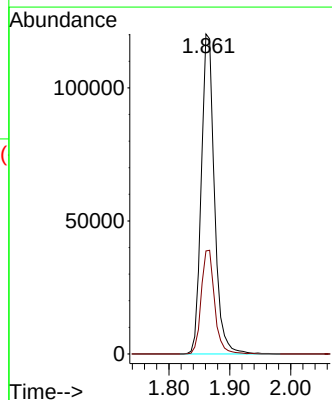
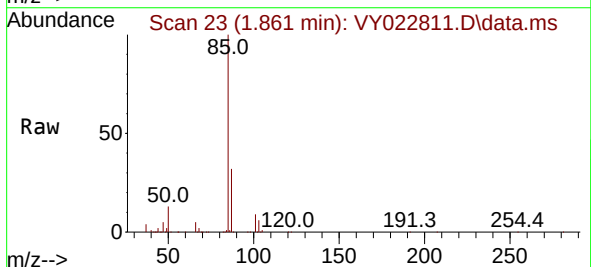
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

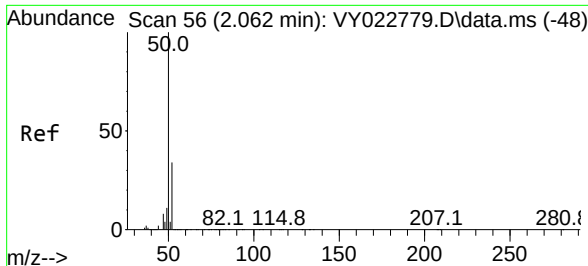
Tgt Ion:168 Resp: 448549  
Ion Ratio Lower Upper  
168 100  
99 54.5 44.3 66.5



#2  
Dichlorodifluoromethane  
Concen: 46.985 ug/l  
RT: 1.861 min Scan# 23  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 85 Resp: 180214  
Ion Ratio Lower Upper  
85 100  
87 32.2 16.7 50.0

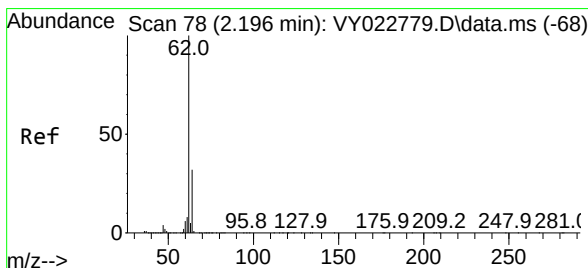
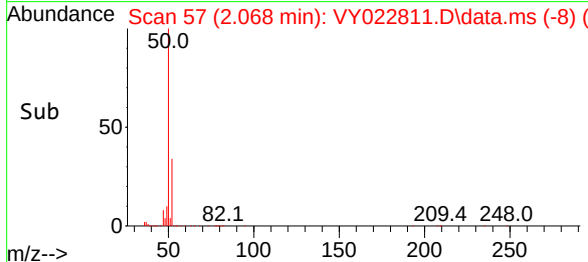
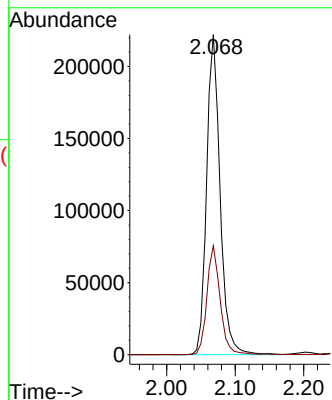
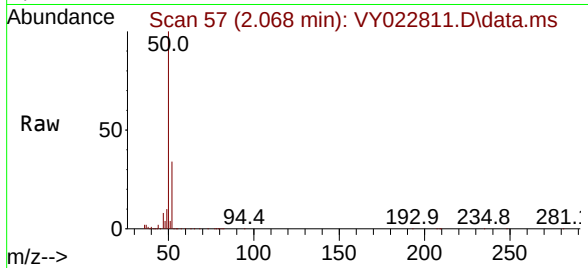




#3  
Chloromethane  
Concen: 41.540 ug/l  
RT: 2.068 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

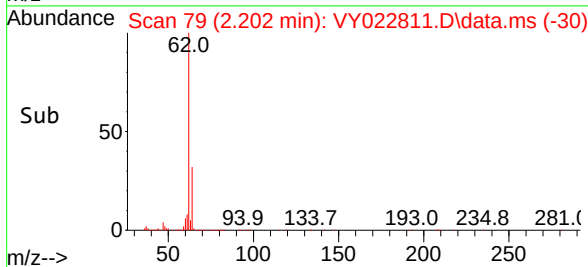
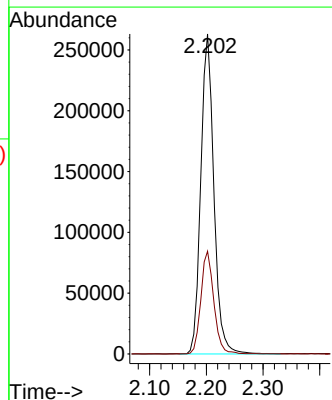
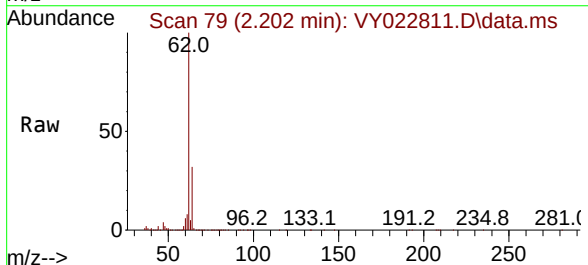
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

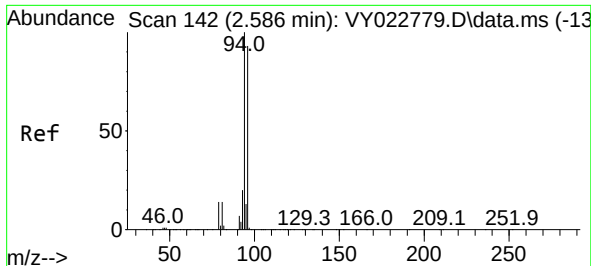
Tgt Ion: 50 Resp: 304245  
Ion Ratio Lower Upper  
50 100  
52 34.1 26.0 39.0



#4  
Vinyl Chloride  
Concen: 46.155 ug/l  
RT: 2.202 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 62 Resp: 422331  
Ion Ratio Lower Upper  
62 100  
64 32.1 25.3 37.9

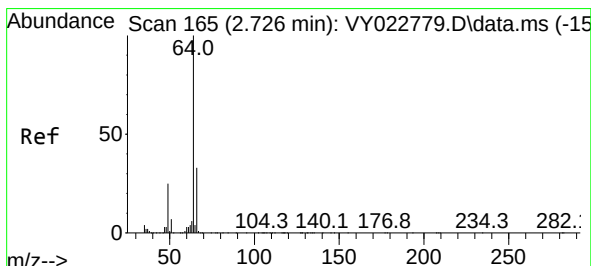
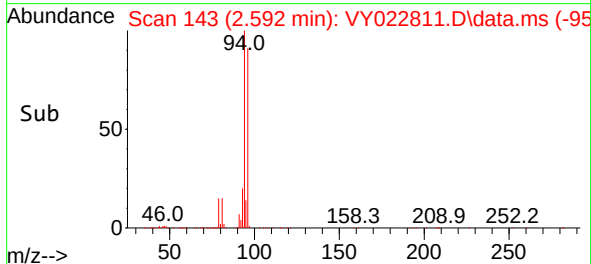
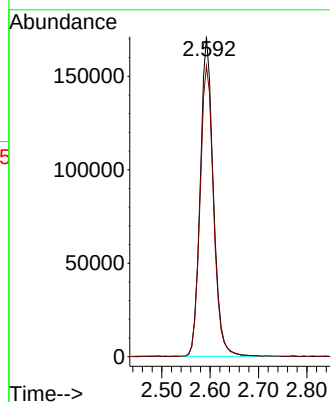
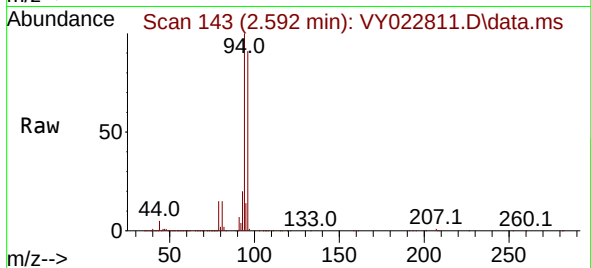




#5  
Bromomethane  
Concen: 44.686 ug/l  
RT: 2.592 min Scan# 14  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

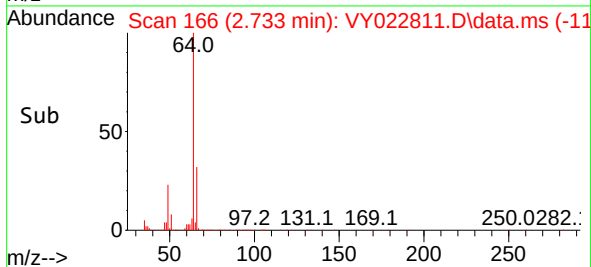
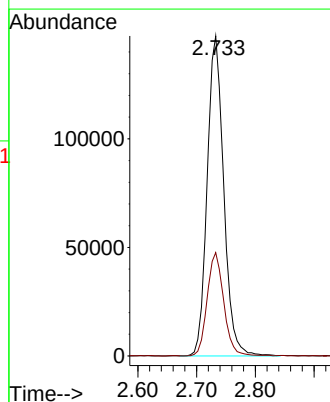
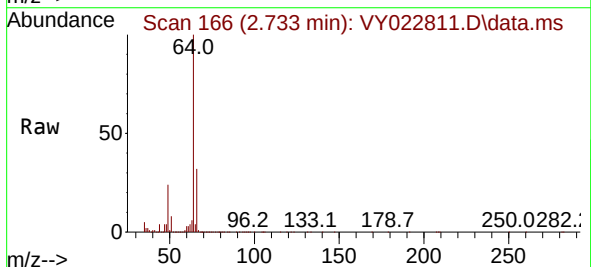
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

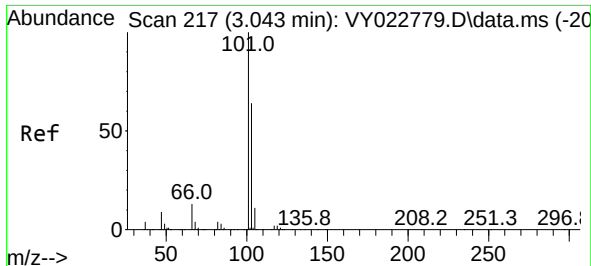
Tgt Ion: 94 Resp: 321449  
Ion Ratio Lower Upper  
94 100  
96 90.8 74.0 111.0



#6  
Chloroethane  
Concen: 46.907 ug/l  
RT: 2.733 min Scan# 166  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 64 Resp: 288512  
Ion Ratio Lower Upper  
64 100  
66 32.2 23.8 35.6

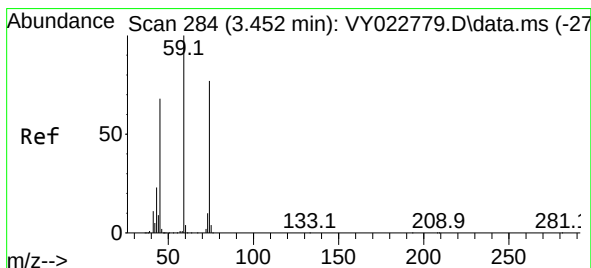
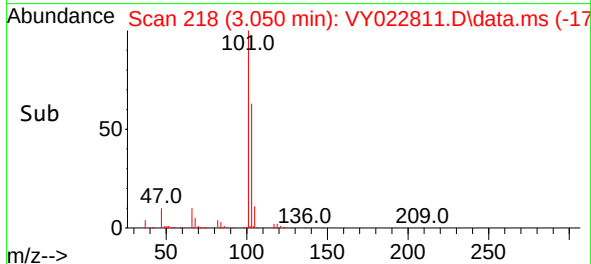
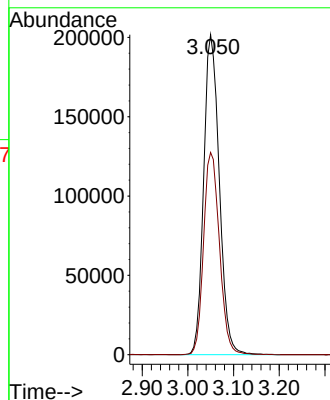
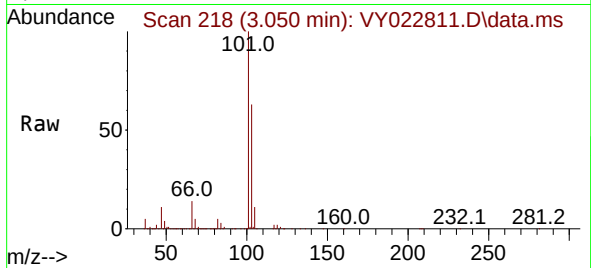




#7  
 Trichlorofluoromethane  
 Concen: 47.274 ug/l  
 RT: 3.050 min Scan# 217  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

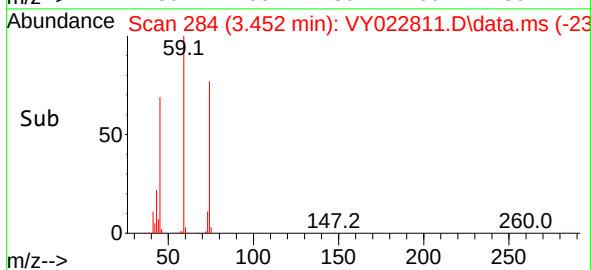
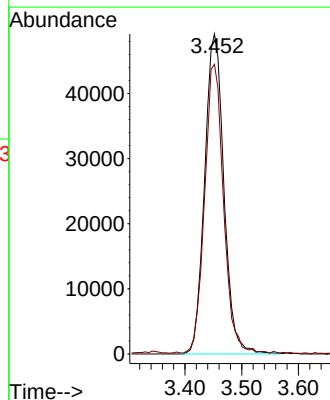
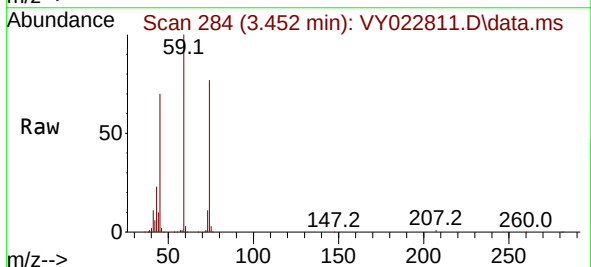
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:101 Resp: 478972  
 Ion Ratio Lower Upper  
 101 100  
 103 63.2 52.2 78.2

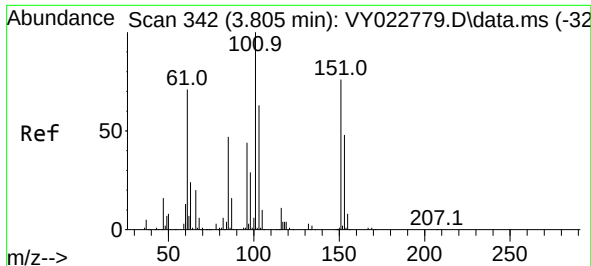


#8  
 Diethyl Ether  
 Concen: 46.329 ug/l  
 RT: 3.452 min Scan# 284  
 Delta R.T. -0.012 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion: 74 Resp: 115934  
 Ion Ratio Lower Upper  
 74 100  
 45 88.8 45.9 137.6



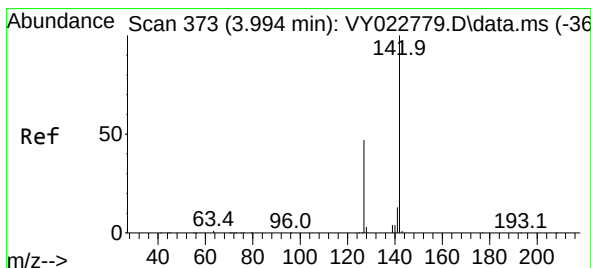
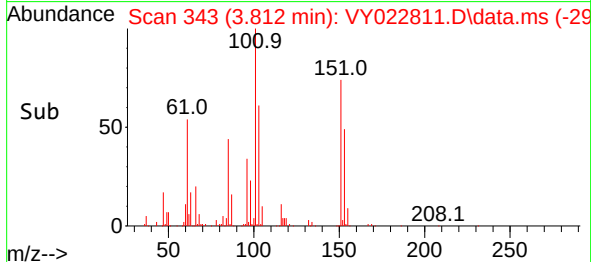
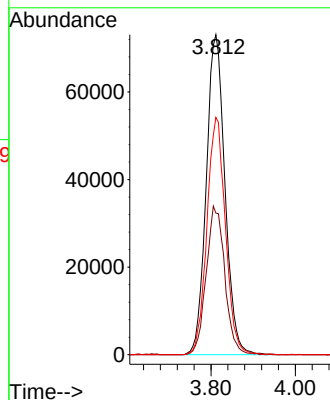
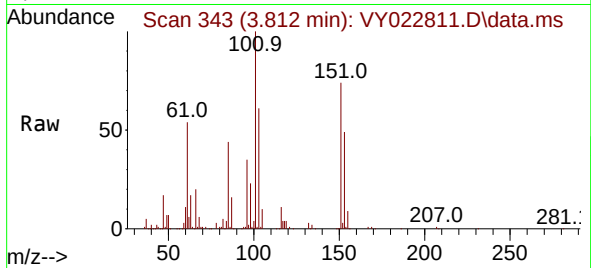




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.719 ug/l  
RT: 3.812 min Scan# 34  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

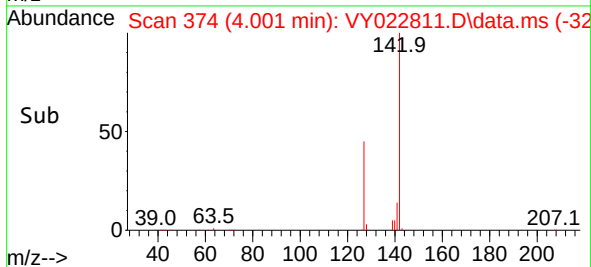
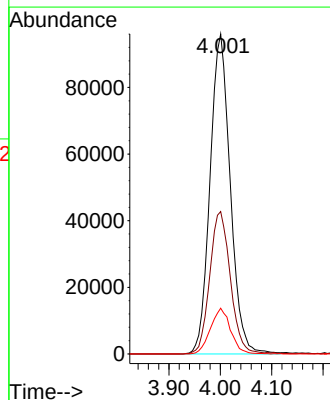
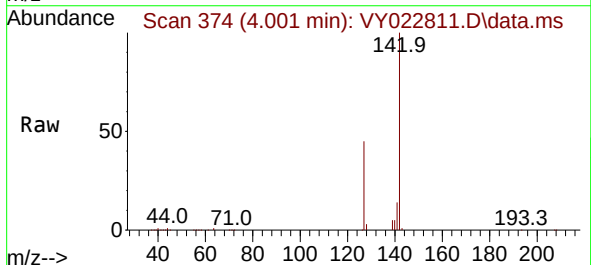
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

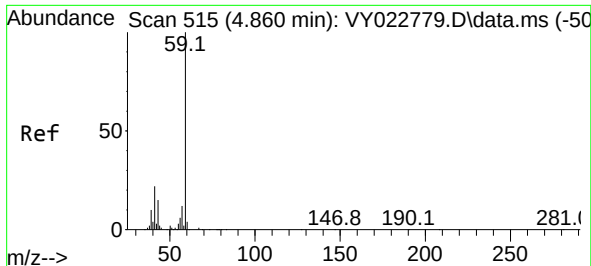
Tgt Ion:101 Resp: 225579  
Ion Ratio Lower Upper  
101 100  
85 46.3 39.3 58.9  
151 73.5 57.8 86.8



#10  
Methyl Iodide  
Concen: 52.132 ug/l  
RT: 4.001 min Scan# 374  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:142 Resp: 262810  
Ion Ratio Lower Upper  
142 100  
127 45.2 37.1 55.7  
141 14.2 11.4 17.2

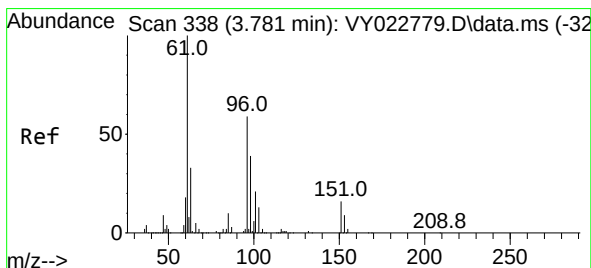
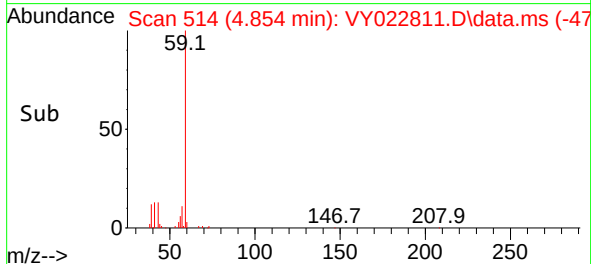
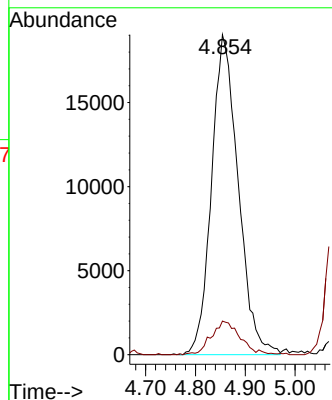
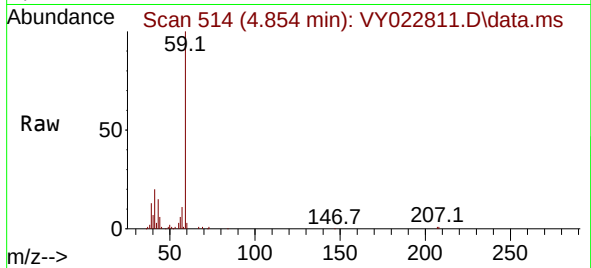




#11  
Tert butyl alcohol  
Concen: 212.488 ug/l  
RT: 4.854 min Scan# 515  
Delta R.T. -0.031 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

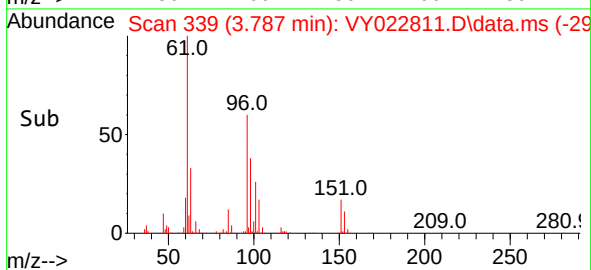
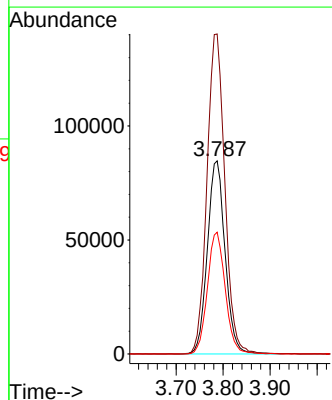
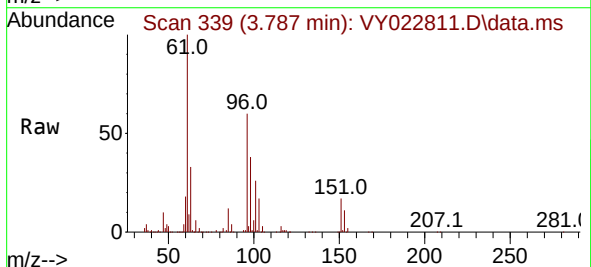
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

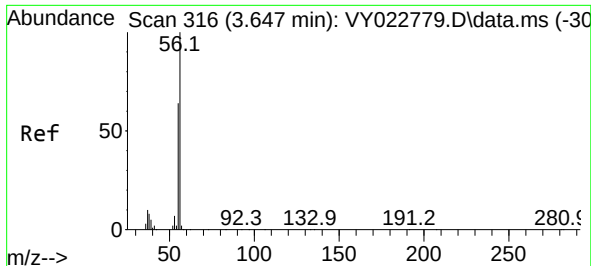
Tgt Ion: 59 Resp: 70733  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.0 12.0



#12  
1,1-Dichloroethene  
Concen: 48.777 ug/l  
RT: 3.787 min Scan# 339  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 96 Resp: 221456  
Ion Ratio Lower Upper  
96 100  
61 165.7 134.6 201.8  
98 63.1 50.2 75.4

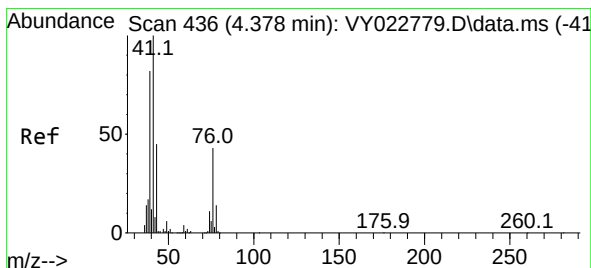
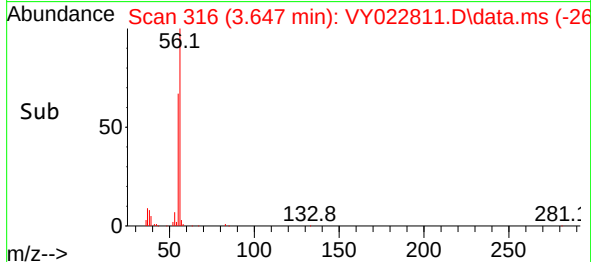
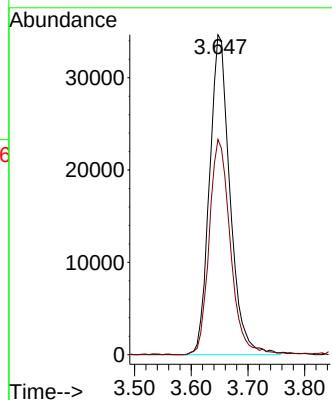
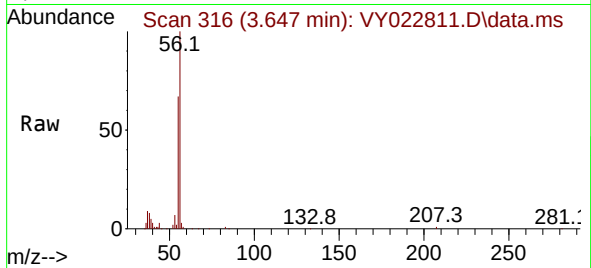




#13  
Acrolein  
Concen: 192.639 ug/l  
RT: 3.647 min Scan# 316  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

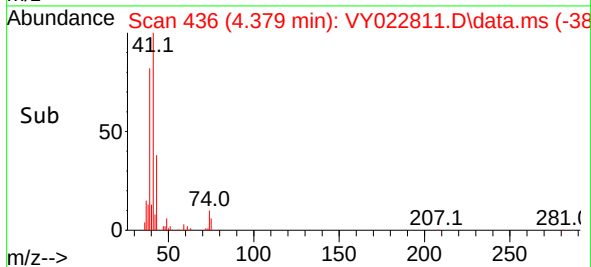
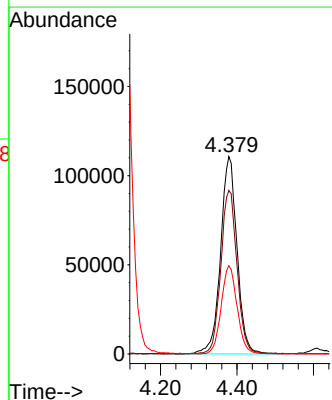
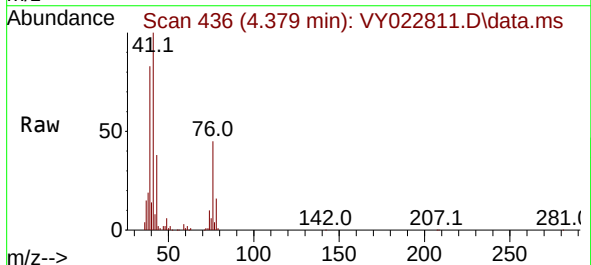
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

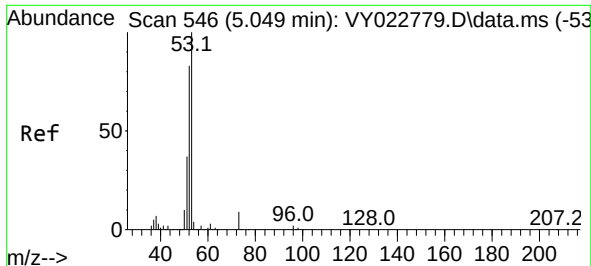
Tgt Ion: 56 Resp: 86955  
Ion Ratio Lower Upper  
56 100  
55 69.9 57.0 85.6



#14  
Allyl chloride  
Concen: 47.449 ug/l  
RT: 4.379 min Scan# 436  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 41 Resp: 331352  
Ion Ratio Lower Upper  
41 100  
39 81.9 69.1 103.7  
76 43.1 33.5 50.3

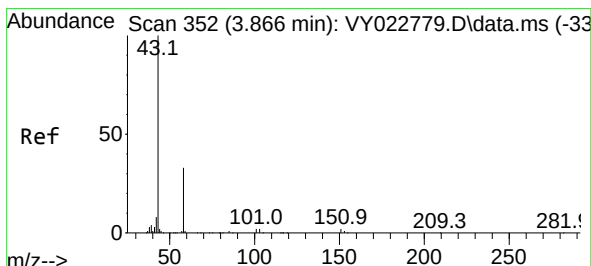
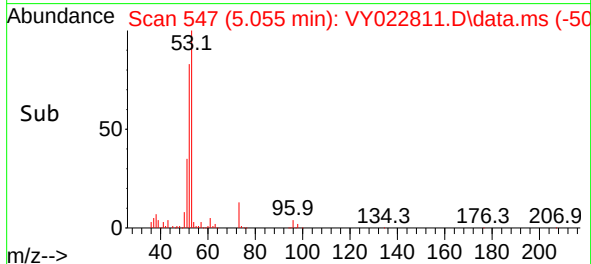
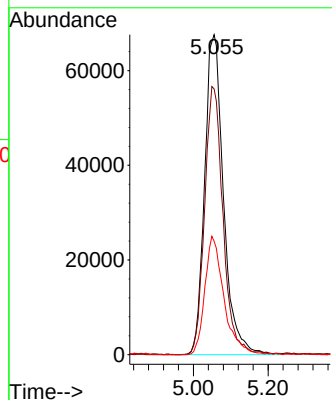
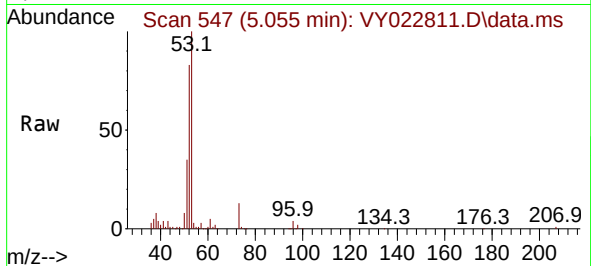




#15  
Acrylonitrile  
Concen: 227.130 ug/l  
RT: 5.055 min Scan# 54  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

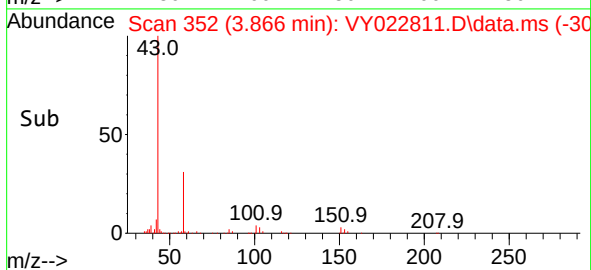
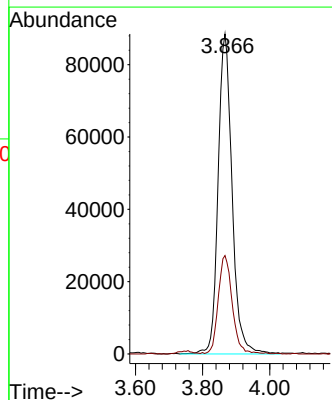
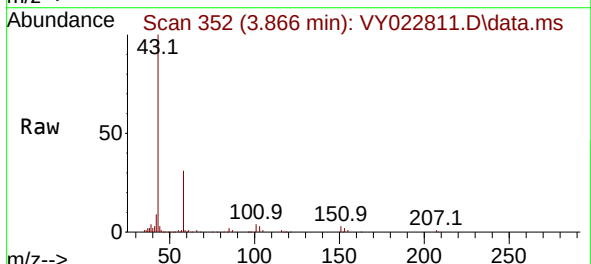
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

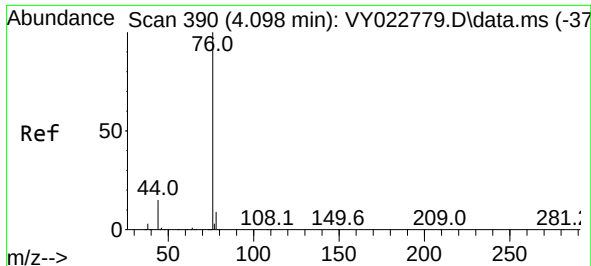
Tgt Ion: 53 Resp: 237143  
Ion Ratio Lower Upper  
53 100  
52 81.8 65.7 98.5  
51 37.5 30.1 45.1



#16  
Acetone  
Concen: 270.581 ug/l  
RT: 3.866 min Scan# 352  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 43 Resp: 256030  
Ion Ratio Lower Upper  
43 100  
58 30.6 24.0 36.0

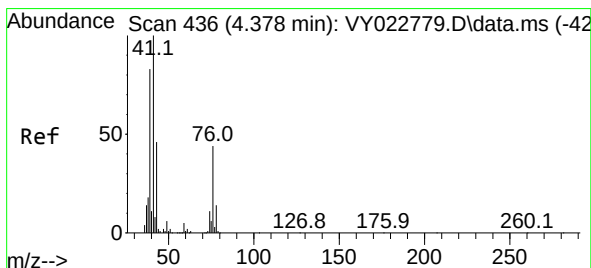
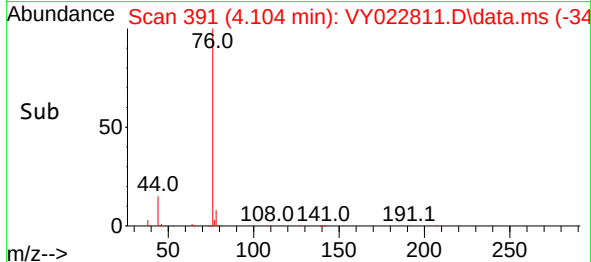
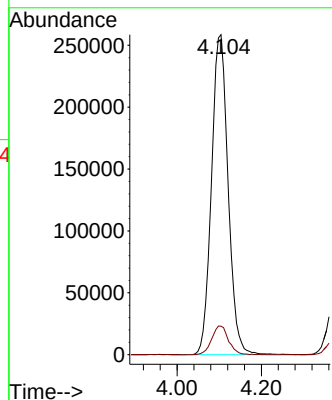
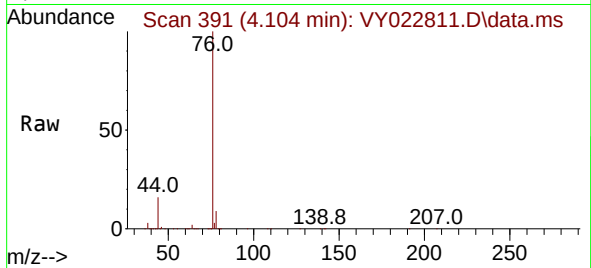




#17  
Carbon Disulfide  
Concen: 48.215 ug/l  
RT: 4.104 min Scan# 391  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

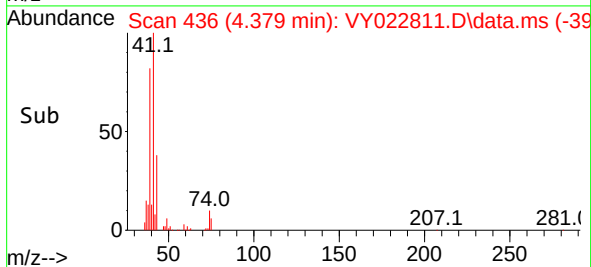
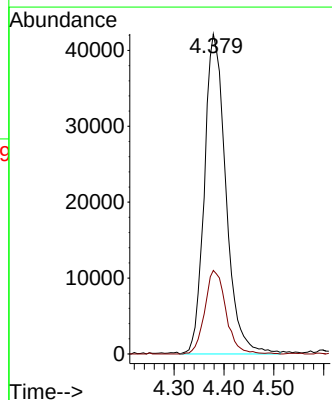
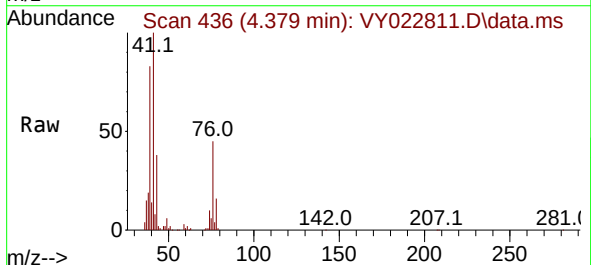
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

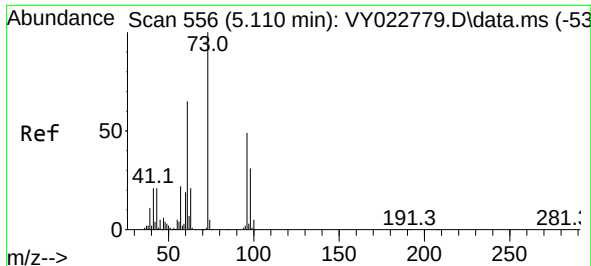
Tgt Ion: 76 Resp: 707182  
Ion Ratio Lower Upper  
76 100  
78 8.9 7.4 11.2



#18  
Methyl Acetate  
Concen: 40.309 ug/l  
RT: 4.379 min Scan# 436  
Delta R.T. -0.018 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 43 Resp: 126312  
Ion Ratio Lower Upper  
43 100  
74 25.6 19.8 29.6

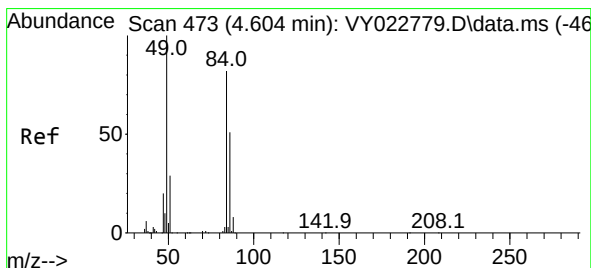
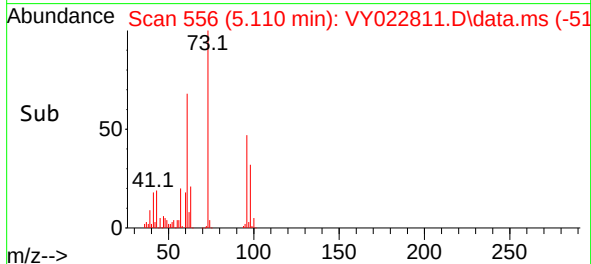
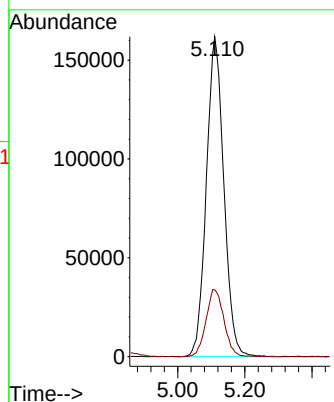
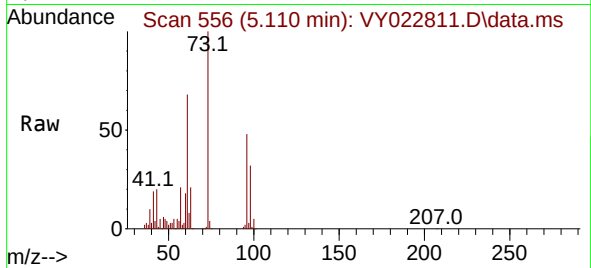




#19  
Methyl tert-butyl Ether  
Concen: 47.311 ug/l  
RT: 5.110 min Scan# 511  
Delta R.T. -0.018 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

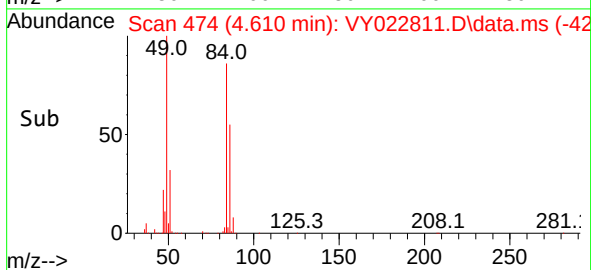
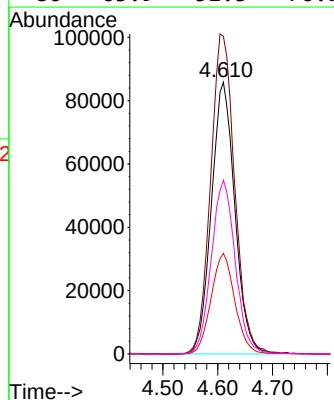
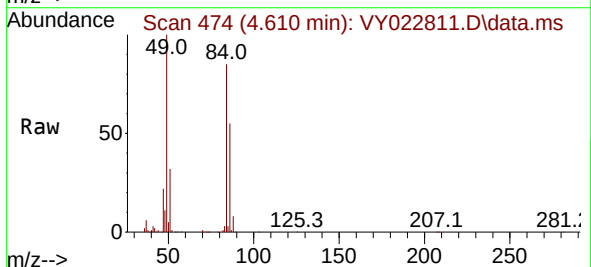
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

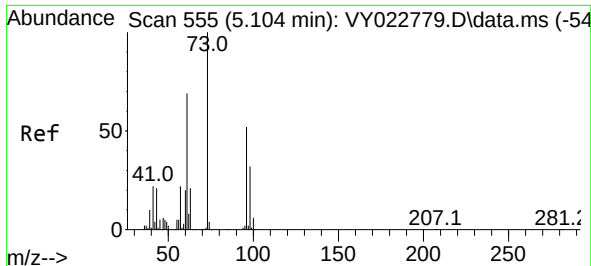
Tgt Ion: 73 Resp: 584880  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.4 26.0



#20  
Methylene Chloride  
Concen: 42.722 ug/l  
RT: 4.610 min Scan# 474  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 84 Resp: 255294  
Ion Ratio Lower Upper  
84 100  
49 116.9 101.9 152.9  
51 37.0 29.8 44.8  
86 63.9 51.3 76.9

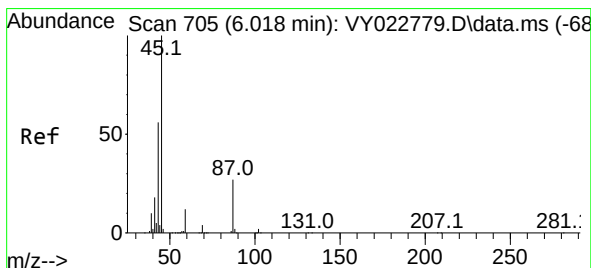
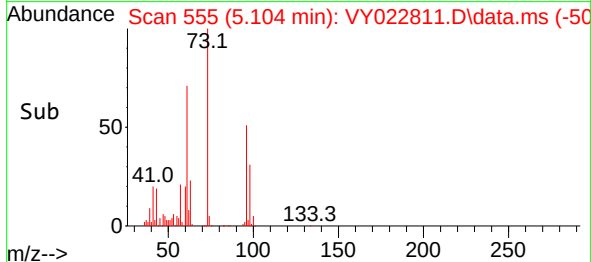
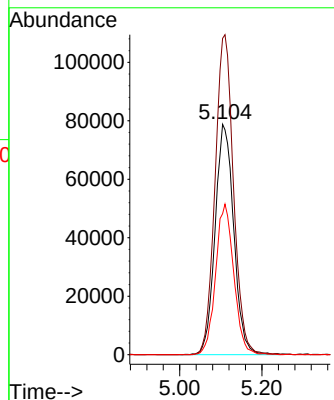
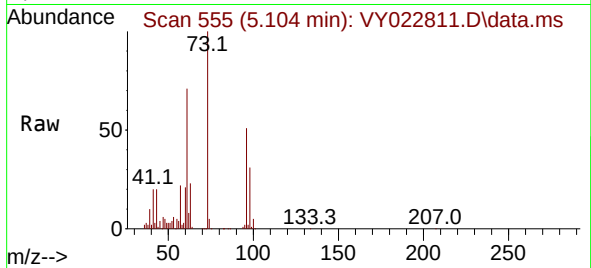




#21  
trans-1,2-Dichloroethene  
Concen: 47.868 ug/l  
RT: 5.104 min Scan# 511  
Delta R.T. -0.018 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

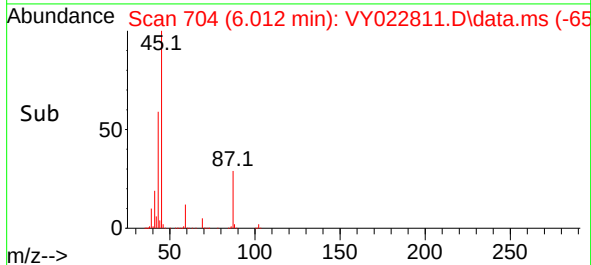
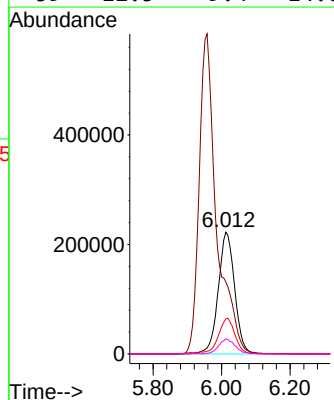
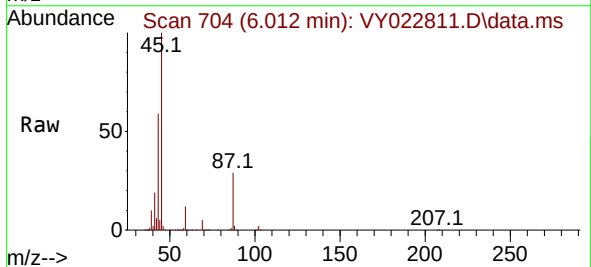
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

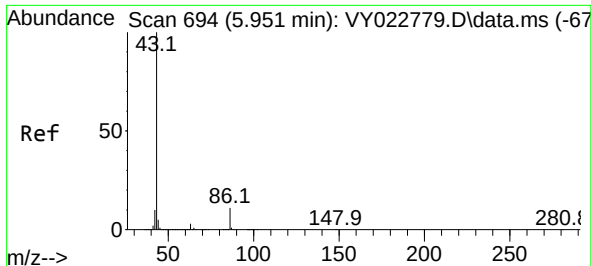
Tgt Ion: 96 Resp: 248382  
Ion Ratio Lower Upper  
96 100  
61 137.3 112.6 169.0  
98 61.2 50.6 75.8



#22  
Diisopropyl ether  
Concen: 47.489 ug/l  
RT: 6.012 min Scan# 704  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 45 Resp: 736490  
Ion Ratio Lower Upper  
45 100  
43 59.2 48.3 72.5  
87 28.7 23.0 34.6  
59 12.5 9.4 14.0

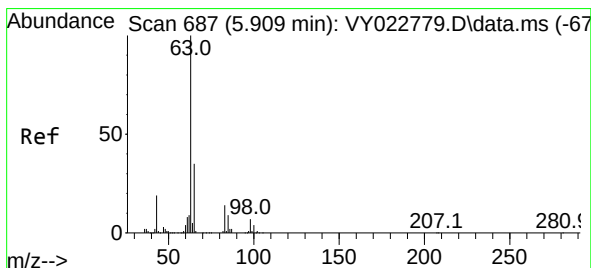
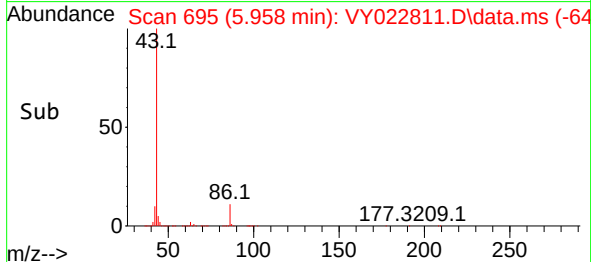
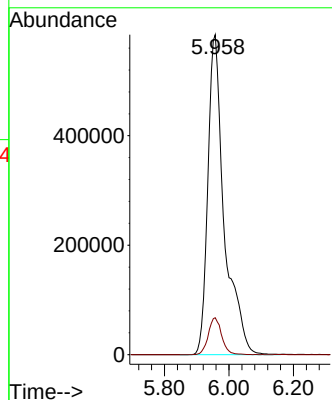
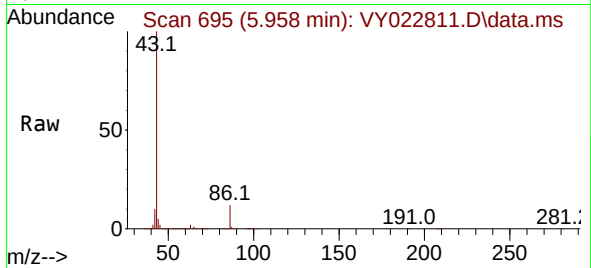




#23  
 Vinyl Acetate  
 Concen: 241.229 ug/l  
 RT: 5.958 min Scan# 694  
 Delta R.T. -0.012 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

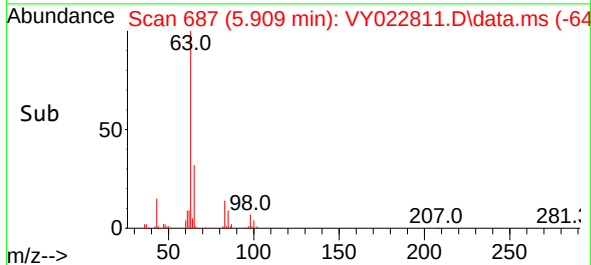
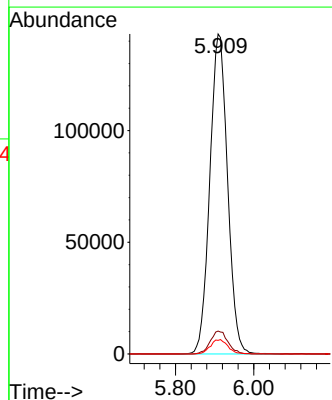
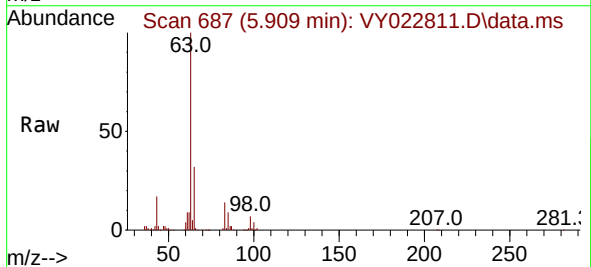
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 2066183  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 8.6 12.8

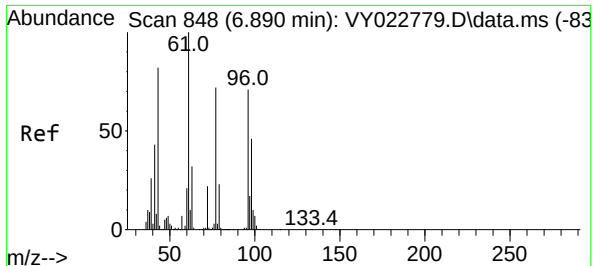


#24  
 1,1-Dichloroethane  
 Concen: 47.957 ug/l  
 RT: 5.909 min Scan# 687  
 Delta R.T. -0.012 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion: 63 Resp: 449244  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.4 10.1  
 100 4.2 2.1 6.3



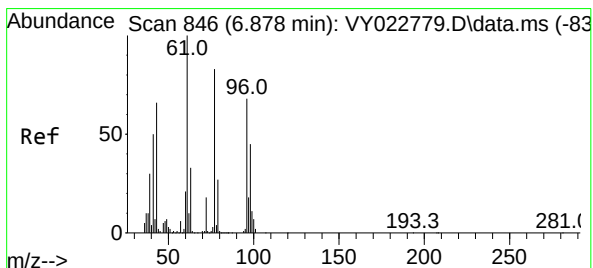
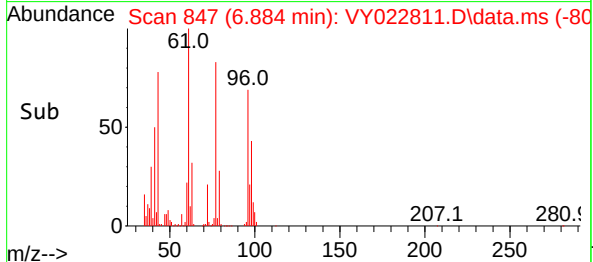
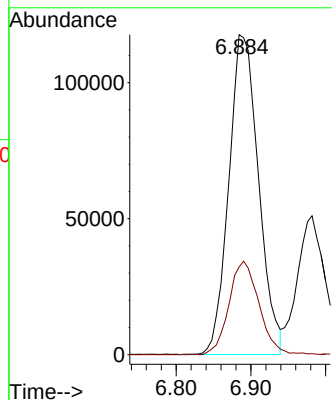
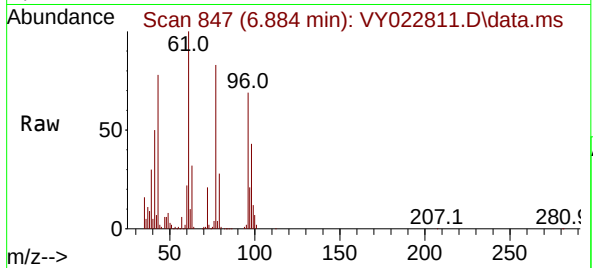




#25  
2-Butanone  
Concen: 236.396 ug/l  
RT: 6.884 min Scan# 847  
Delta R.T. -0.018 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

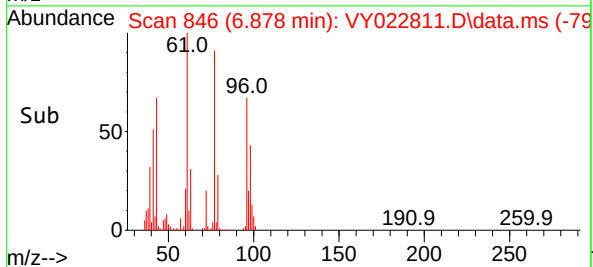
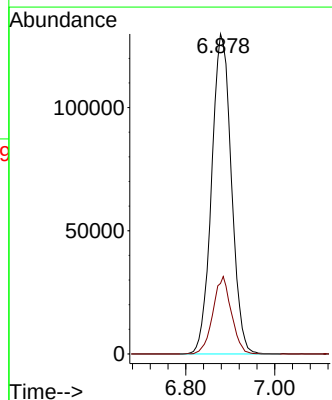
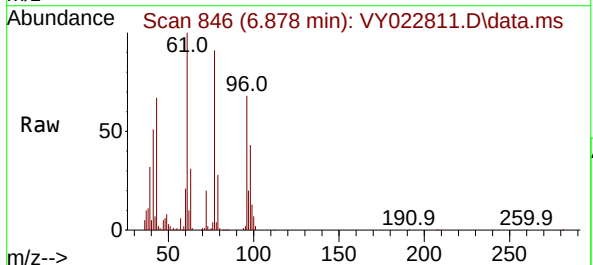
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

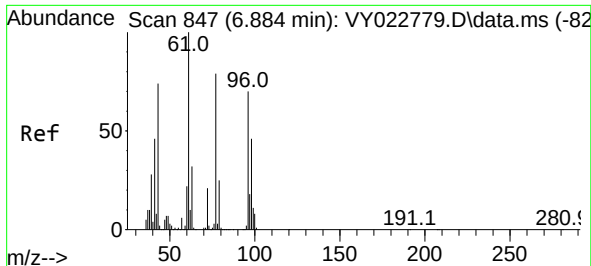
Tgt Ion: 43 Resp: 325554  
Ion Ratio Lower Upper  
43 100  
72 27.4 22.9 34.3



#26  
2,2-Dichloropropane  
Concen: 51.006 ug/l  
RT: 6.878 min Scan# 846  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 77 Resp: 400519  
Ion Ratio Lower Upper  
77 100  
97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 48.186 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

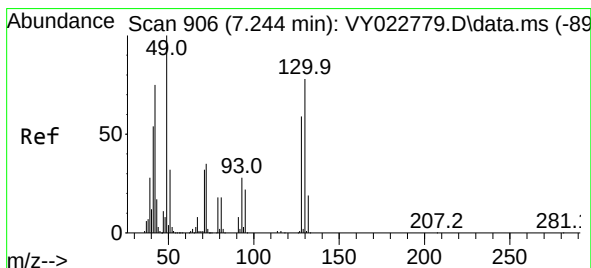
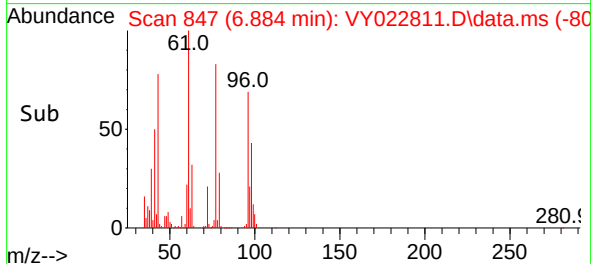
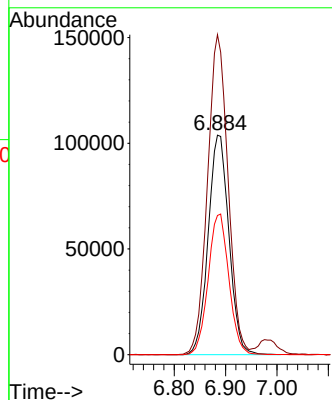
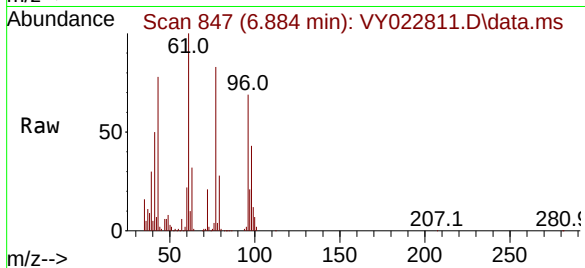
Tgt Ion: 96 Resp: 290538

Ion Ratio Lower Upper

96 100

61 144.3 0.0 290.0

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 46.620 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

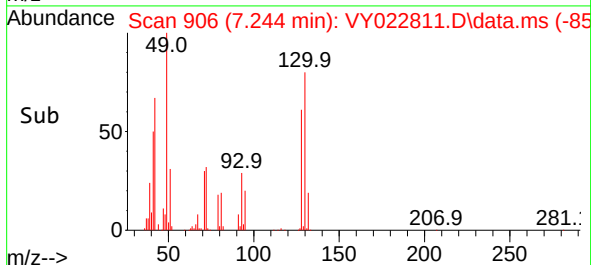
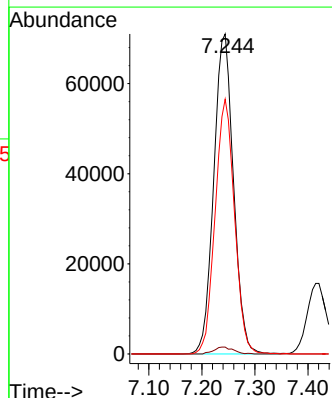
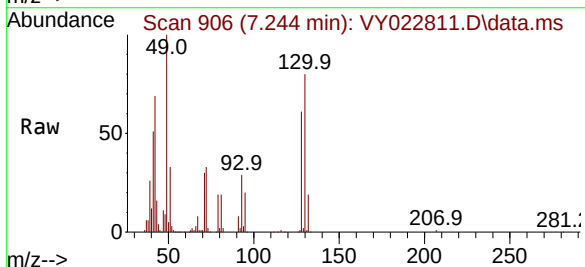
Tgt Ion: 49 Resp: 183603

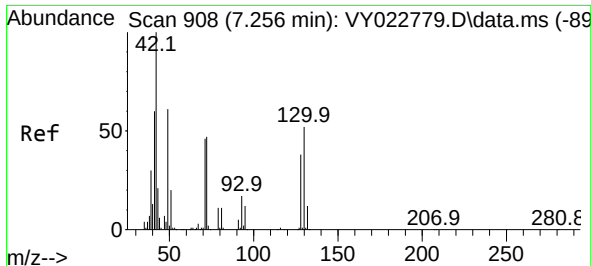
Ion Ratio Lower Upper

49 100

129 2.1 0.0 3.6

130 78.2 55.7 83.5





#29

Tetrahydrofuran

Concen: 223.363 ug/l

RT: 7.262 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

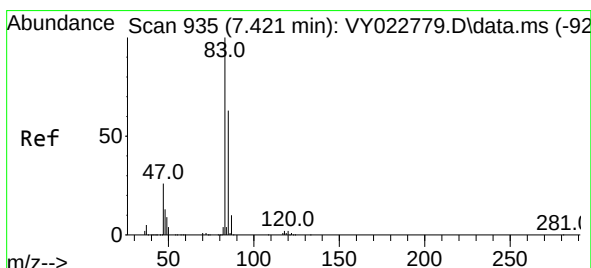
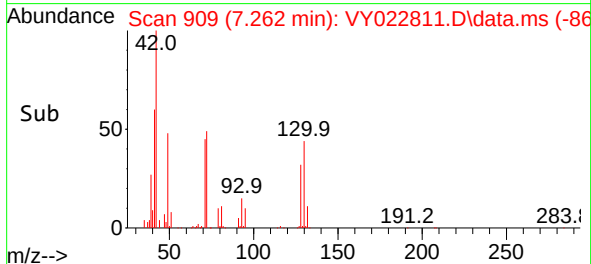
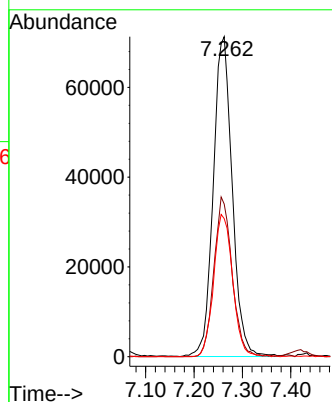
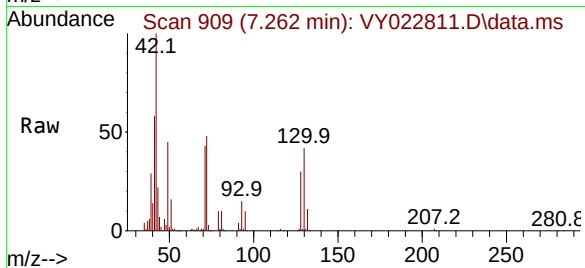
Tgt Ion: 42 Resp: 194236

Ion Ratio Lower Upper

42 100

72 48.1 37.4 56.2

71 44.5 34.2 51.2



#30

Chloroform

Concen: 47.506 ug/l

RT: 7.415 min Scan# 934

Delta R.T. -0.012 min

Lab File: VY022811.D

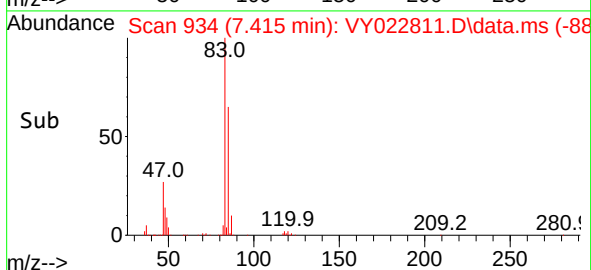
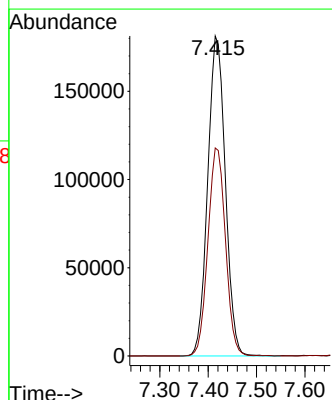
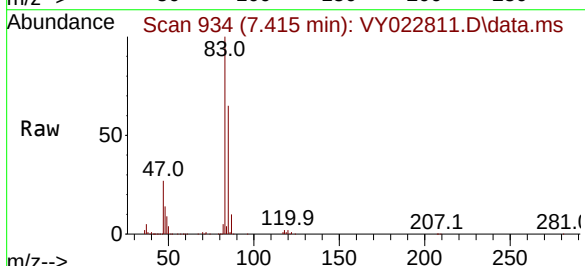
Acq: 25 Jun 2025 09:13

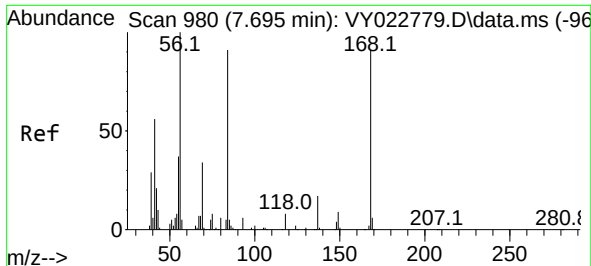
Tgt Ion: 83 Resp: 458350

Ion Ratio Lower Upper

83 100

85 65.0 54.2 81.4

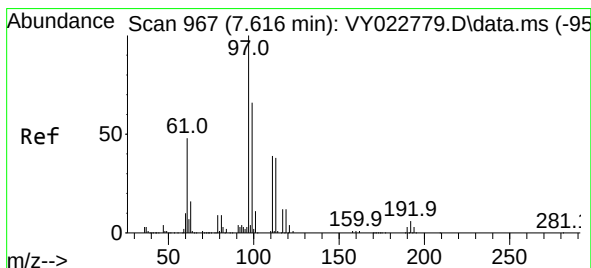
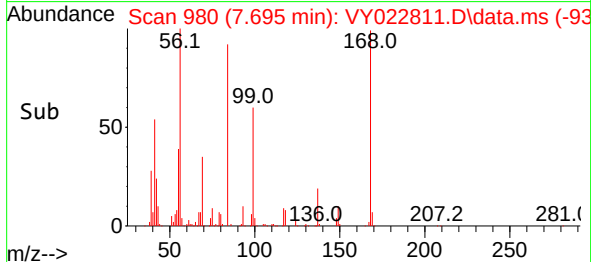
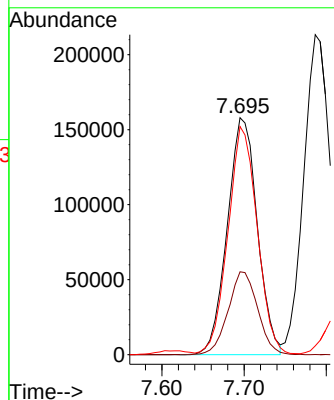
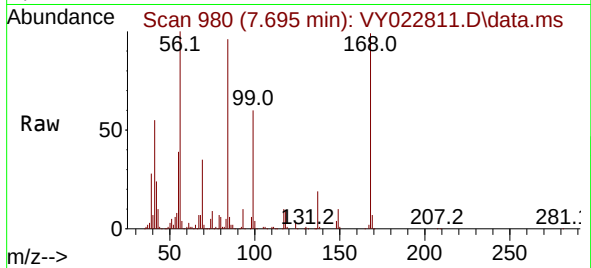




#31  
Cyclohexane  
Concen: 46.670 ug/l  
RT: 7.695 min Scan# 980  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

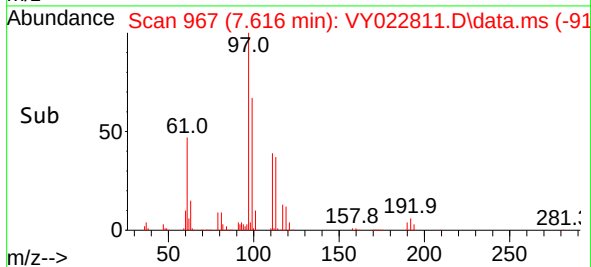
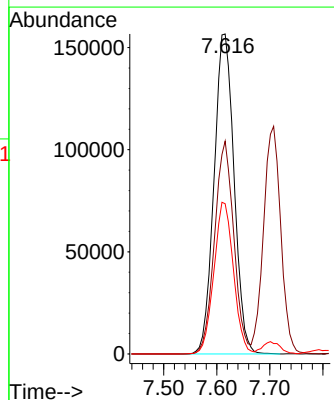
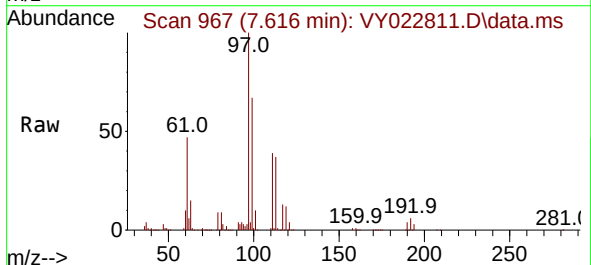
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

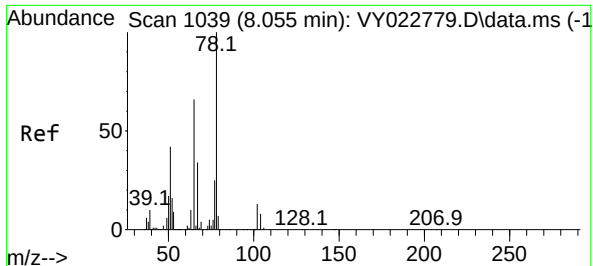
Tgt Ion: 56 Resp: 401308  
Ion Ratio Lower Upper  
56 100  
69 35.0 27.0 40.6  
84 94.6 72.6 109.0



#32  
1,1,1-Trichloroethane  
Concen: 49.298 ug/l  
RT: 7.616 min Scan# 967  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 97 Resp: 411034  
Ion Ratio Lower Upper  
97 100  
99 64.0 50.9 76.3  
61 46.4 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 48.025 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

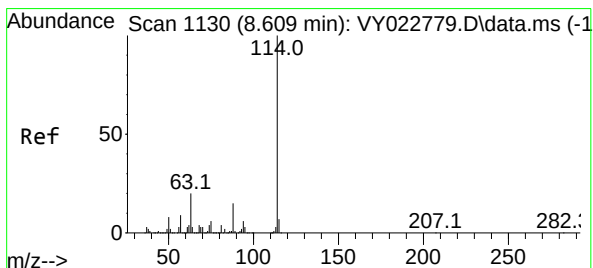
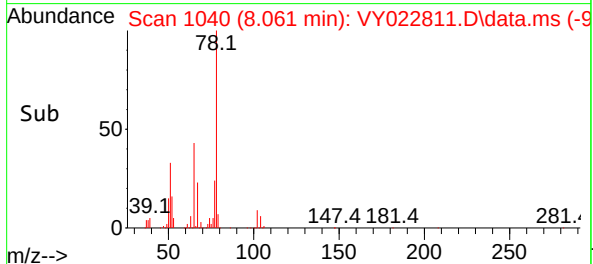
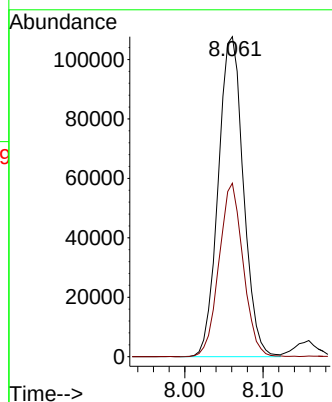
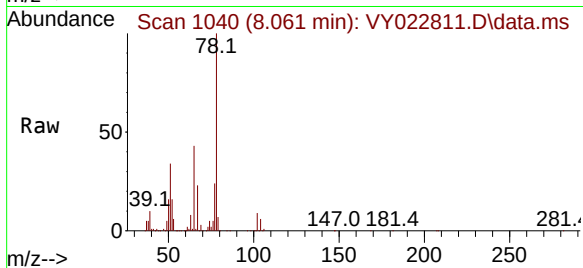
VSTDCCC050

Tgt Ion: 65 Resp: 240425

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

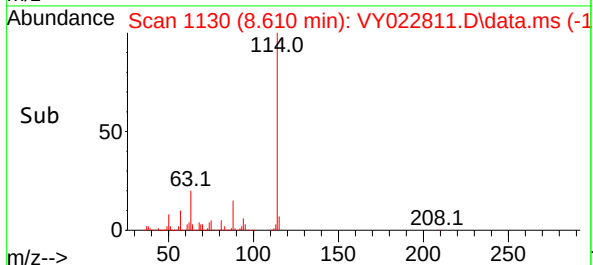
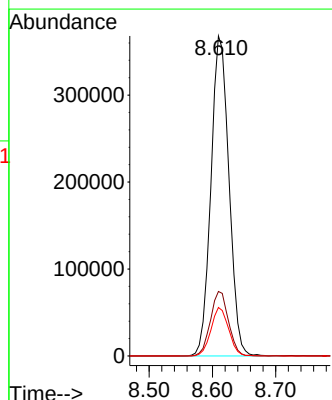
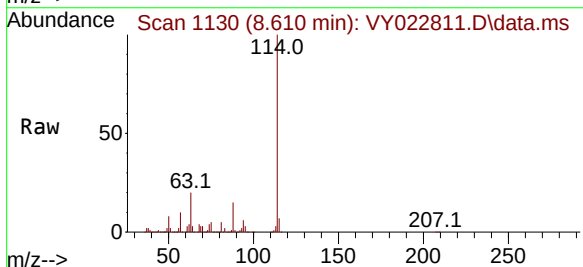
Tgt Ion: 114 Resp: 727879

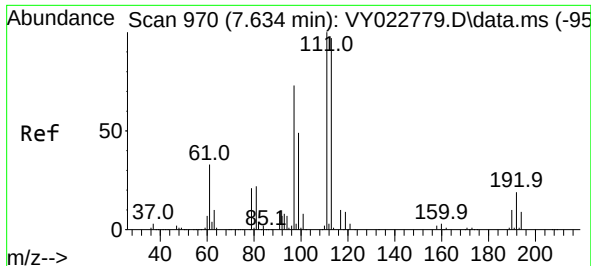
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.1 0.0 27.8

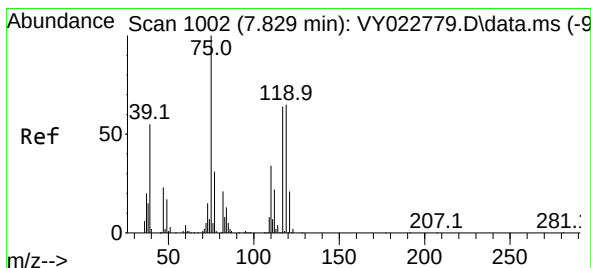
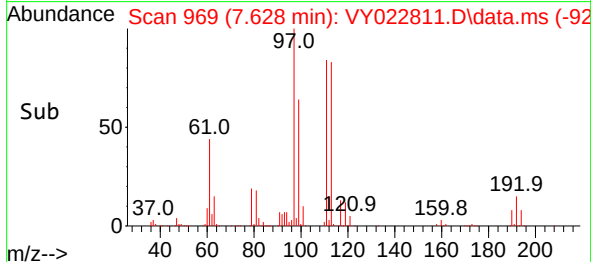
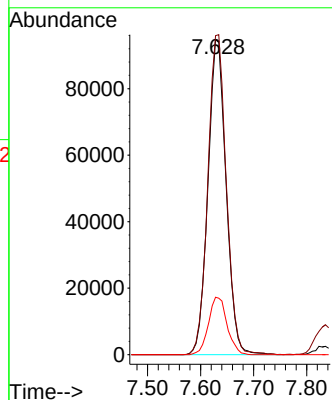
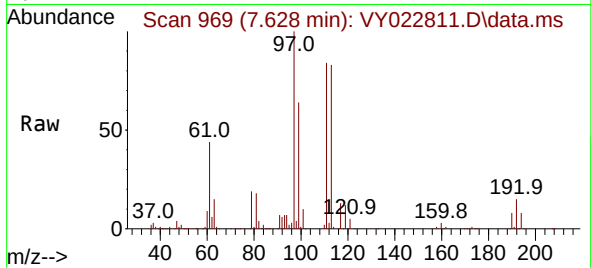




#35  
Dibromofluoromethane  
Concen: 50.823 ug/l  
RT: 7.628 min Scan# 91  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

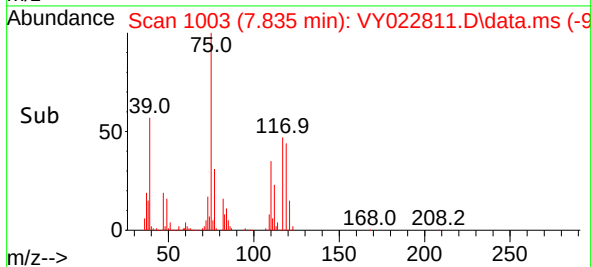
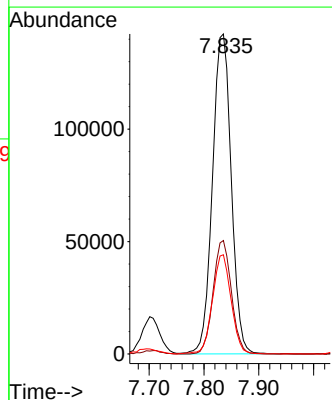
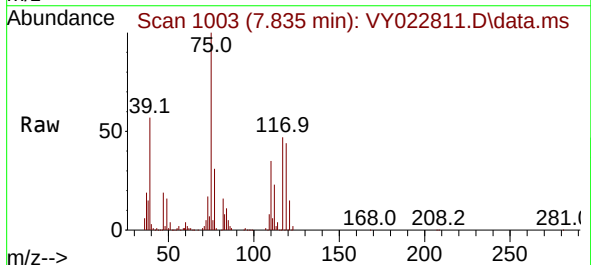
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

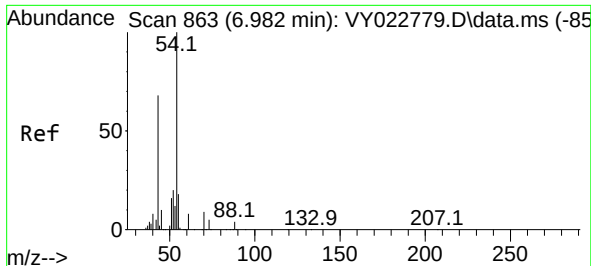
Tgt Ion:113 Resp: 224975  
Ion Ratio Lower Upper  
113 100  
111 103.5 81.1 121.7  
192 18.7 14.2 21.2



#36  
1,1-Dichloropropene  
Concen: 50.407 ug/l  
RT: 7.835 min Scan# 1003  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 75 Resp: 338214  
Ion Ratio Lower Upper  
75 100  
110 34.5 16.9 50.7  
77 30.8 24.8 37.2

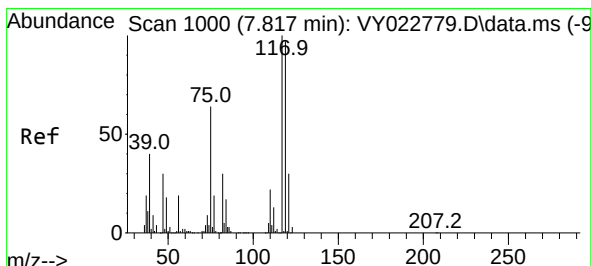
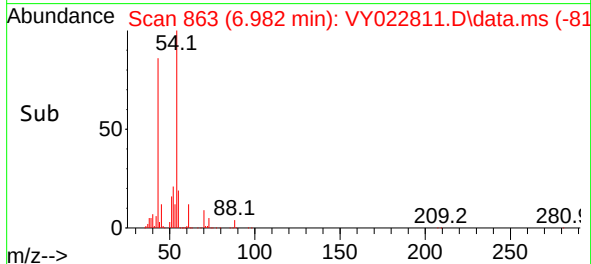
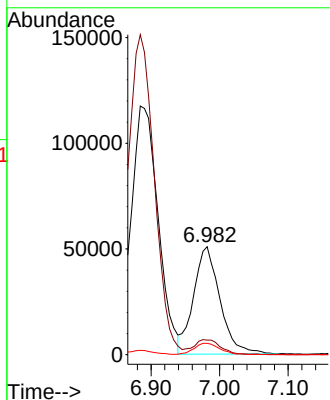
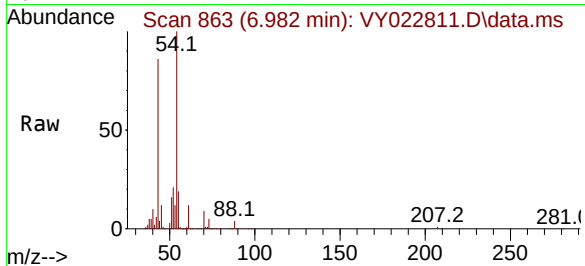




#37  
Ethyl Acetate  
Concen: 47.169 ug/l  
RT: 6.982 min Scan# 863  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

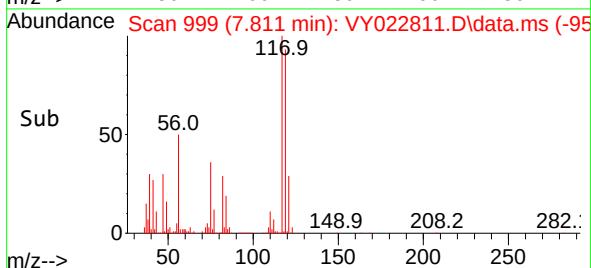
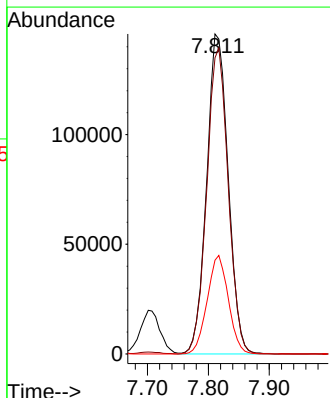
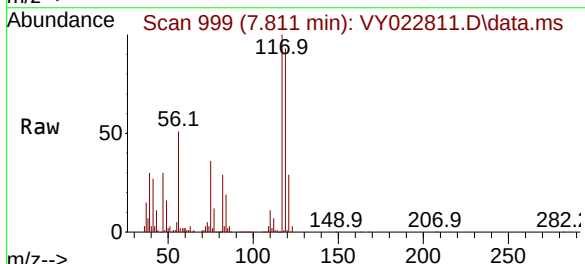
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

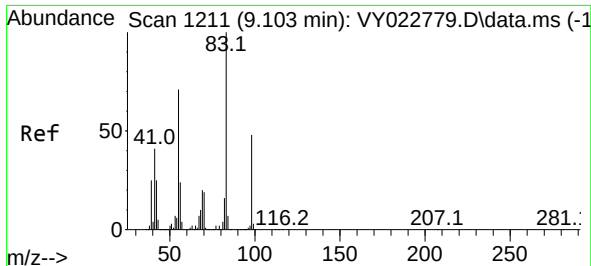
Tgt Ion: 43 Resp: 136570  
Ion Ratio Lower Upper  
43 100  
61 14.1 11.5 17.3  
70 10.5 7.2 10.8



#38  
Carbon Tetrachloride  
Concen: 50.748 ug/l  
RT: 7.811 min Scan# 999  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 117 Resp: 359275  
Ion Ratio Lower Upper  
117 100  
119 92.5 75.0 112.6  
121 29.3 25.0 37.4





#39

Methylcyclohexane

Concen: 51.040 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

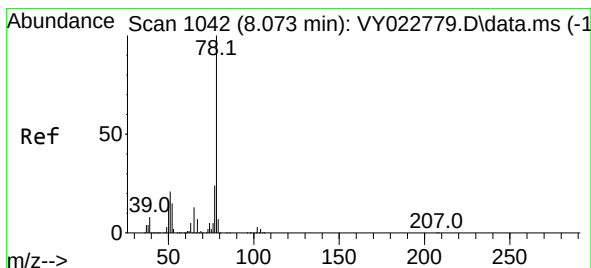
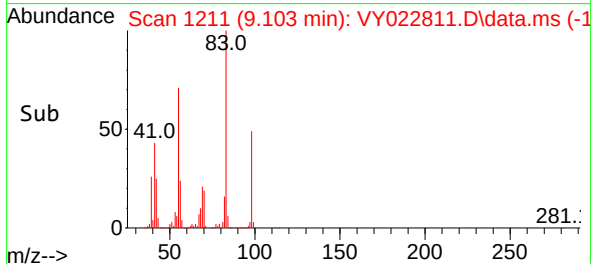
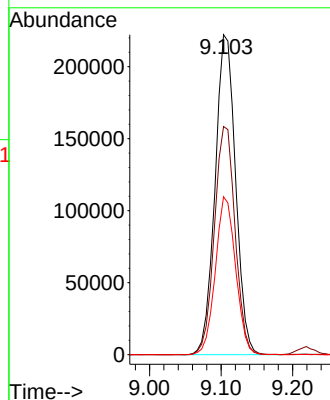
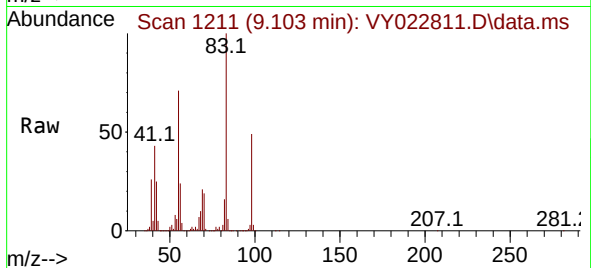
Tgt Ion: 83 Resp: 443175

Ion Ratio Lower Upper

83 100

55 71.3 58.1 87.1

98 49.4 39.0 58.6



#40

Benzene

Concen: 49.920 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022811.D

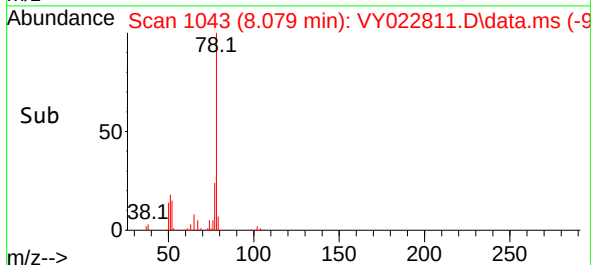
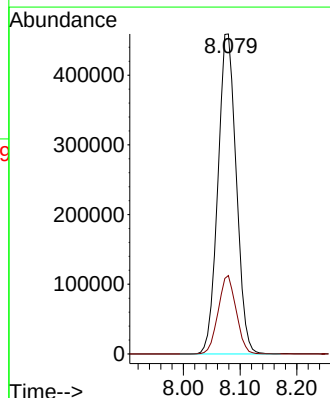
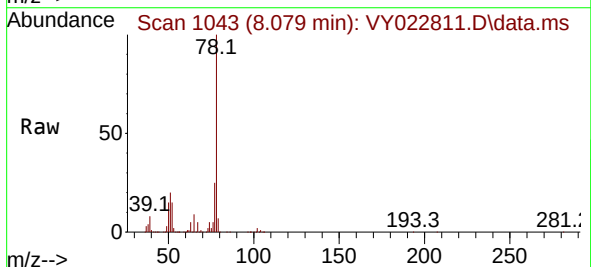
Acq: 25 Jun 2025 09:13

Tgt Ion: 78 Resp: 1029813

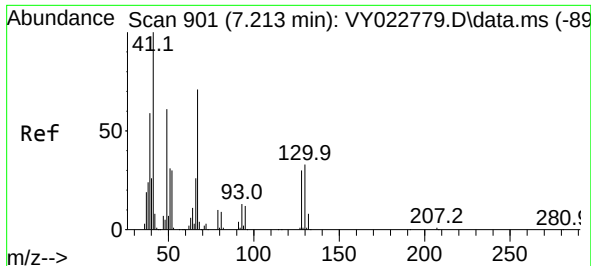
Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



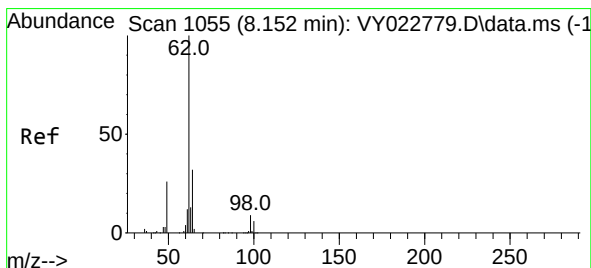
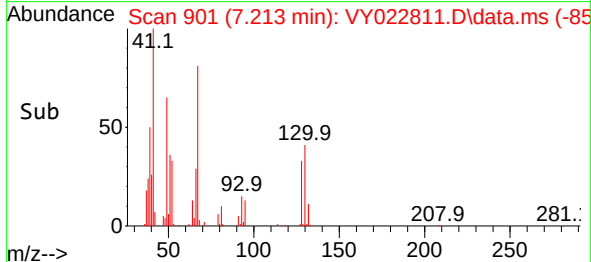
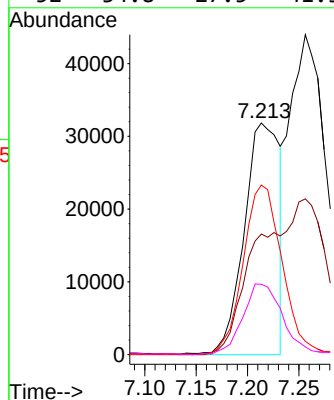
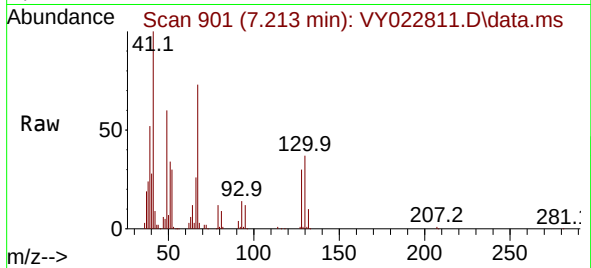




#41  
Methacrylonitrile  
Concen: 42.867 ug/l  
RT: 7.213 min Scan# 901  
Delta R.T. -0.018 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

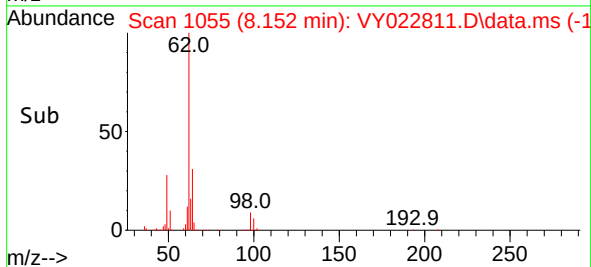
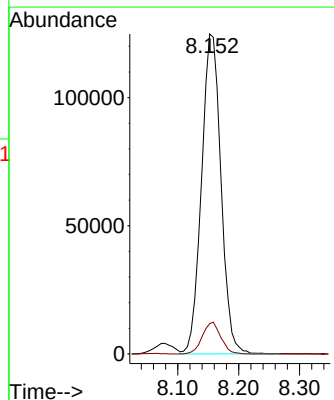
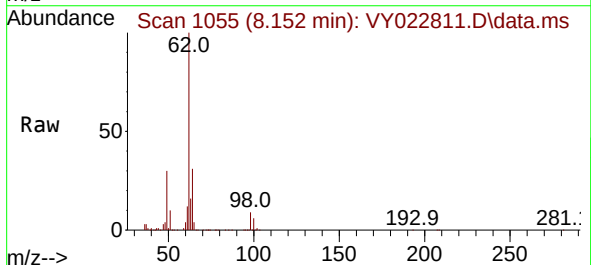
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

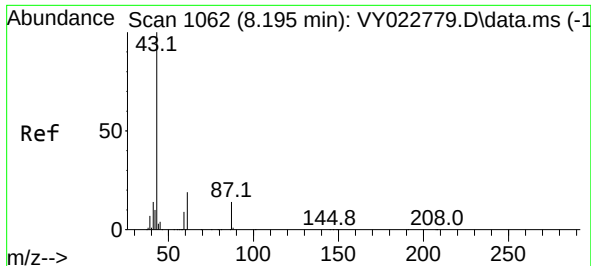
Tgt Ion: 41 Resp: 76407  
Ion Ratio Lower Upper  
41 100  
39 0.0 46.6 69.8#  
67 80.5 63.3 94.9  
52 34.8 27.5 41.3



#42  
1,2-Dichloroethane  
Concen: 48.978 ug/l  
RT: 8.152 min Scan# 1055  
Delta R.T. -0.012 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 62 Resp: 276872  
Ion Ratio Lower Upper  
62 100  
98 9.4 0.0 19.2

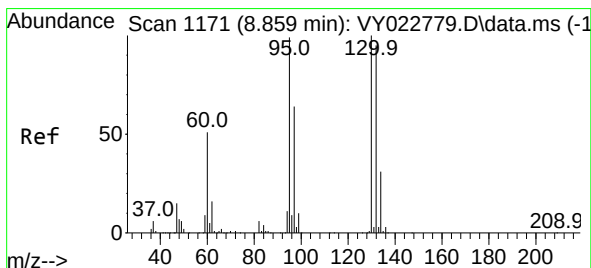
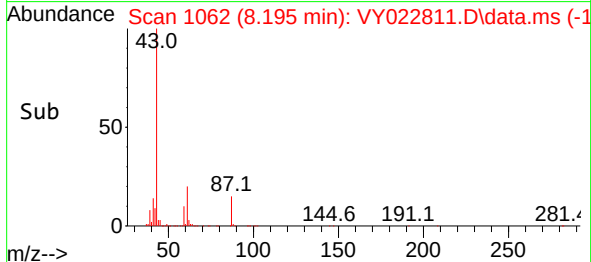
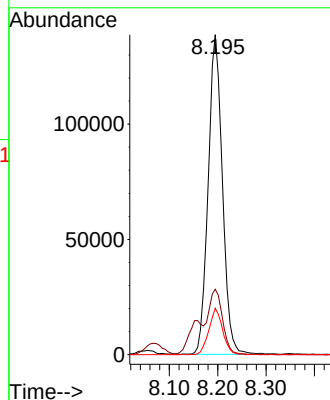
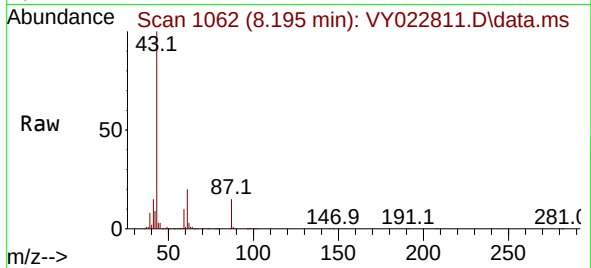




#43  
Isopropyl Acetate  
Concen: 47.255 ug/l  
RT: 8.195 min Scan# 110  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

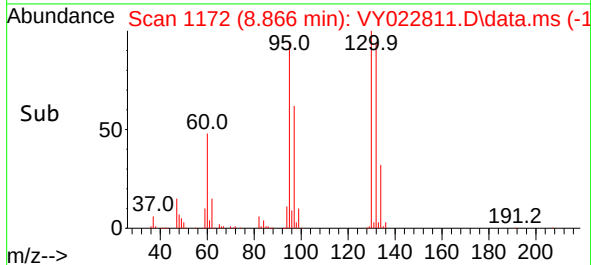
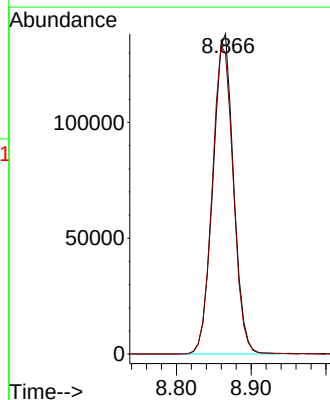
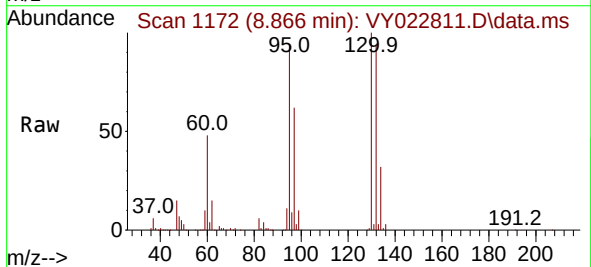
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

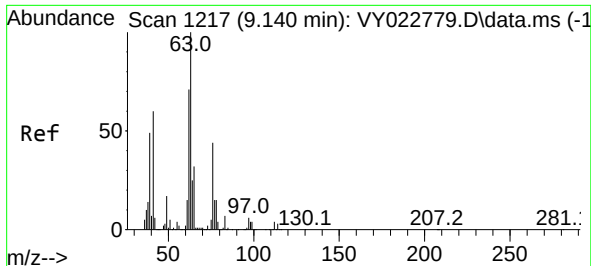
Tgt Ion: 43 Resp: 284360  
Ion Ratio Lower Upper  
43 100  
61 20.2 15.6 23.4  
87 14.0 10.2 15.4



#44  
Trichloroethene  
Concen: 51.177 ug/l  
RT: 8.866 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:130 Resp: 265065  
Ion Ratio Lower Upper  
130 100  
95 93.9 0.0 203.0





#45

1,2-Dichloropropane

Concen: 49.903 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

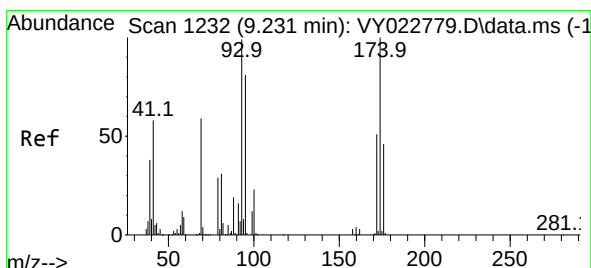
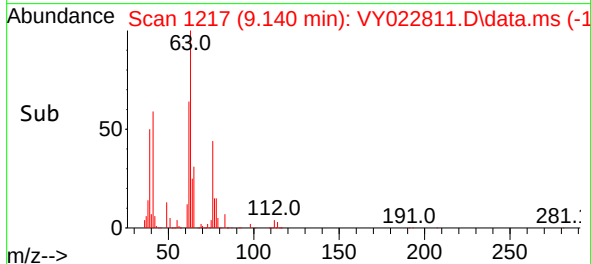
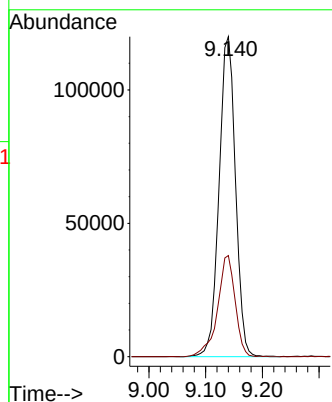
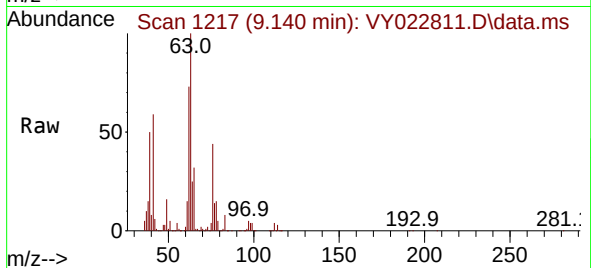
VSTDCCC050

Tgt Ion: 63 Resp: 240940

Ion Ratio Lower Upper

63 100

65 31.6 24.0 36.0



#46

Dibromomethane

Concen: 48.340 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

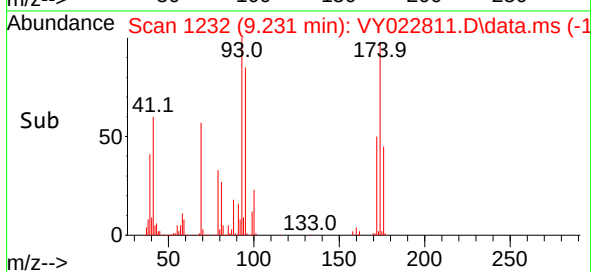
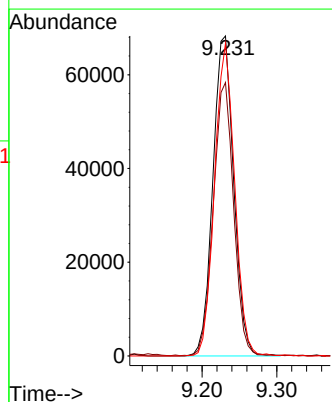
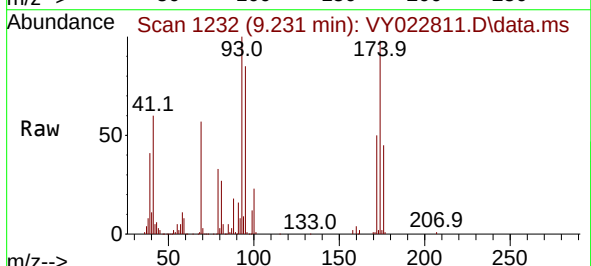
Tgt Ion: 93 Resp: 132491

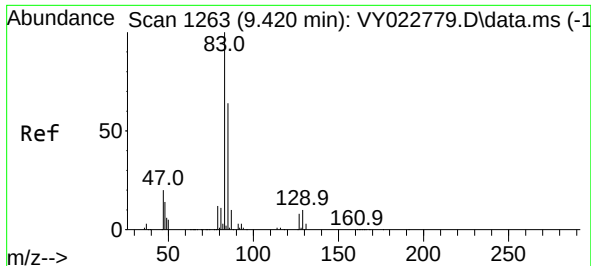
Ion Ratio Lower Upper

93 100

95 83.1 65.6 98.4

174 94.2 70.4 105.6

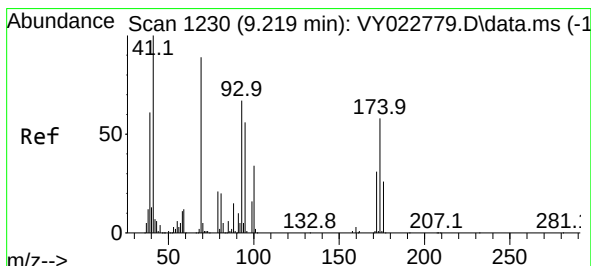
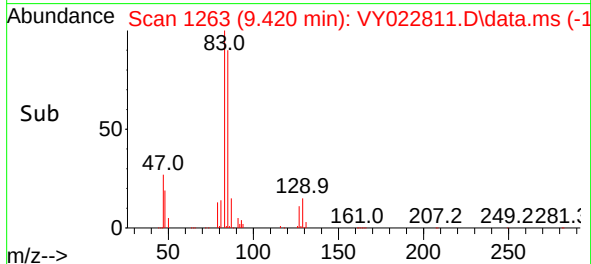
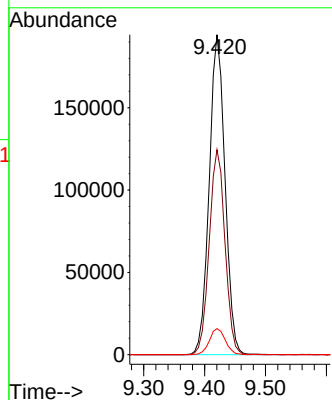
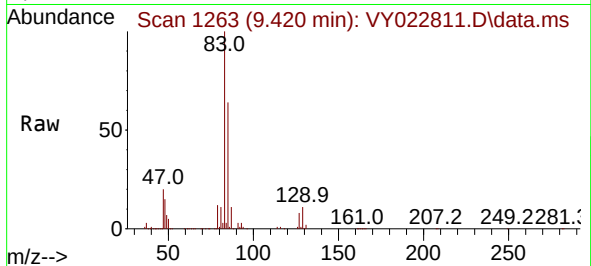




#47  
Bromodichloromethane  
Concen: 49.544 ug/l  
RT: 9.420 min Scan# 1263  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

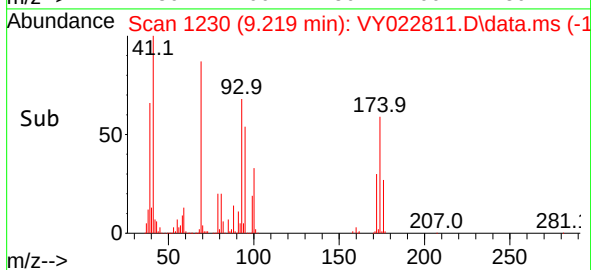
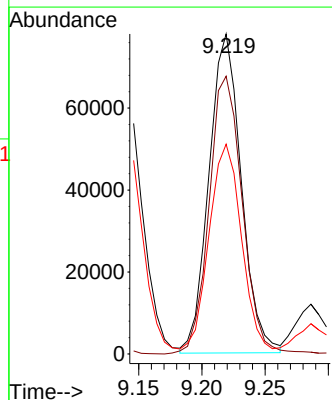
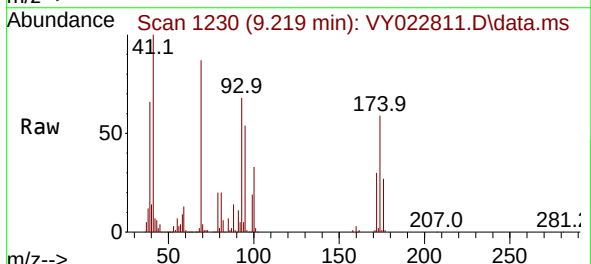
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

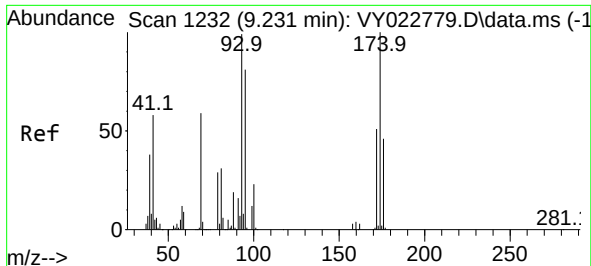
Tgt Ion: 83 Resp: 350154  
Ion Ratio Lower Upper  
83 100  
85 64.1 49.1 73.7  
127 8.2 6.2 9.4



#48  
Methyl methacrylate  
Concen: 47.932 ug/l  
RT: 9.219 min Scan# 1230  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 41 Resp: 138660  
Ion Ratio Lower Upper  
41 100  
69 89.3 67.8 101.8  
39 63.4 55.0 82.4





#49

1,4-Dioxane

Concen: 891.995 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. -0.018 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

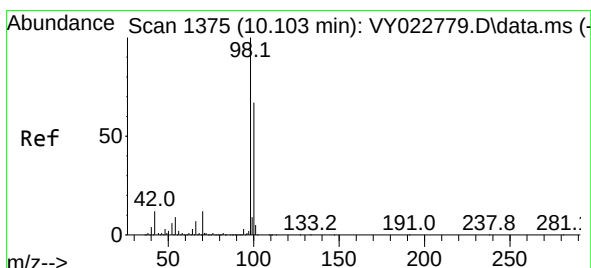
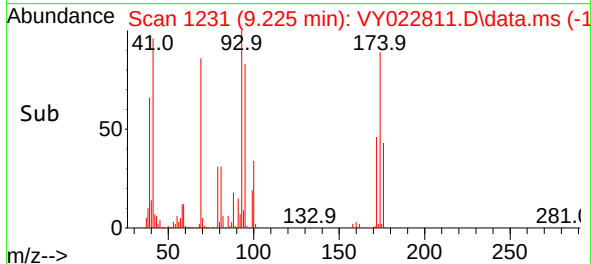
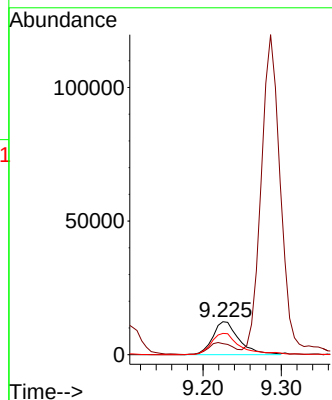
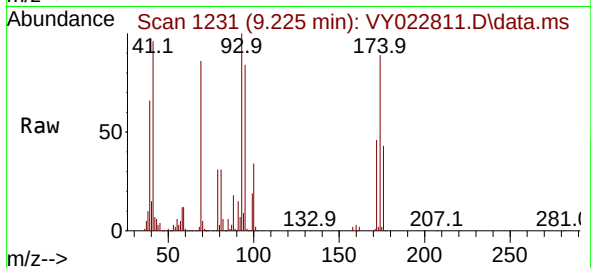
Tgt Ion: 88 Resp: 28884

Ion Ratio Lower Upper

88 100

43 34.5 25.4 38.2

58 71.5 54.9 82.3



#50

Toluene-d8

Concen: 52.037 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022811.D

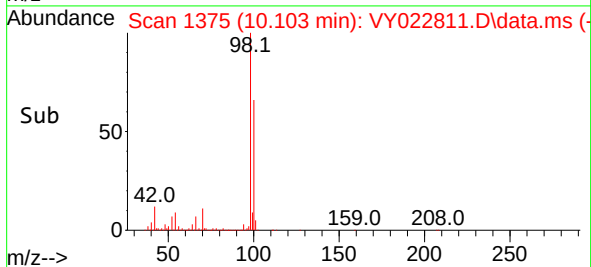
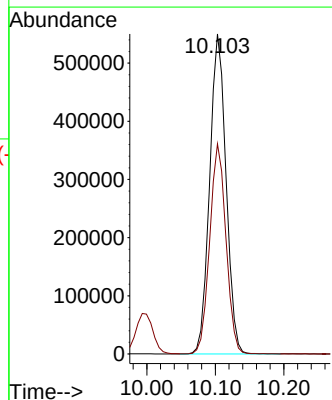
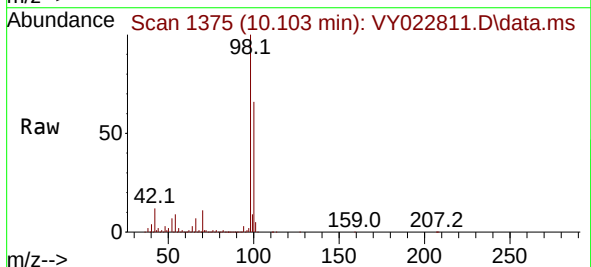
Acq: 25 Jun 2025 09:13

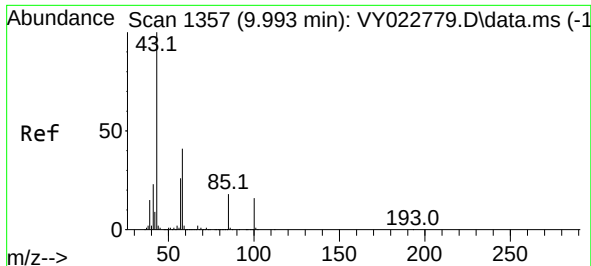
Tgt Ion: 98 Resp: 914056

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

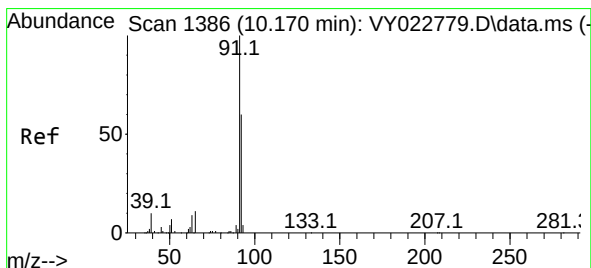
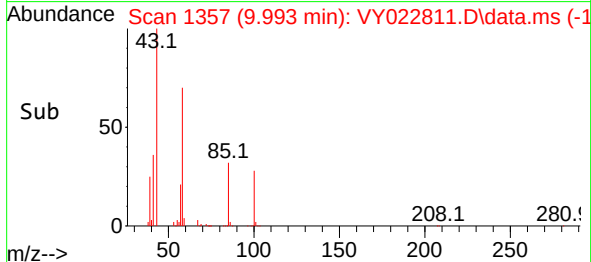
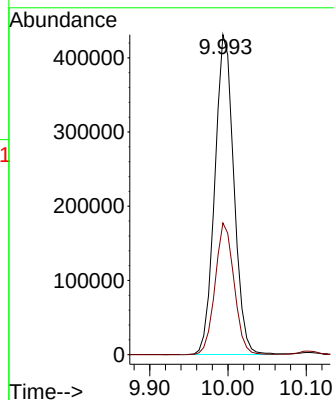
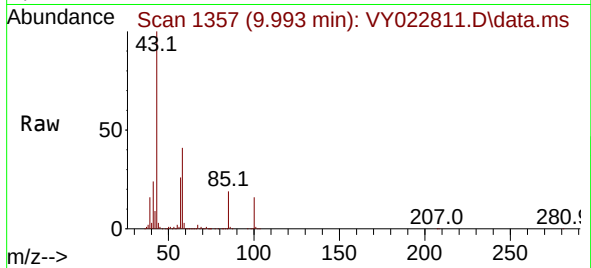




#51  
4-Methyl-2-Pentanone  
Concen: 238.741 ug/l  
RT: 9.993 min Scan# 1357  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

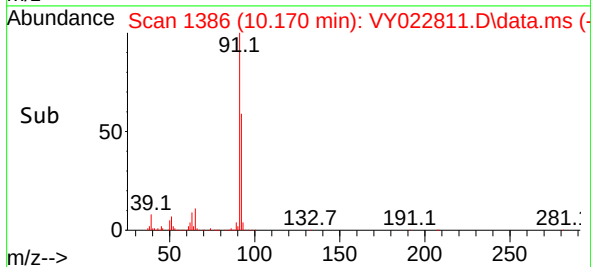
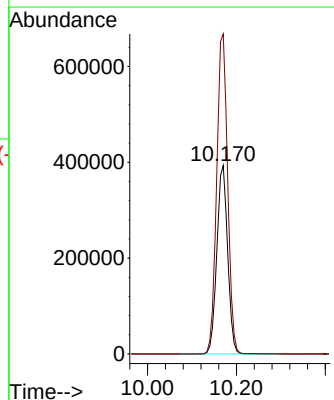
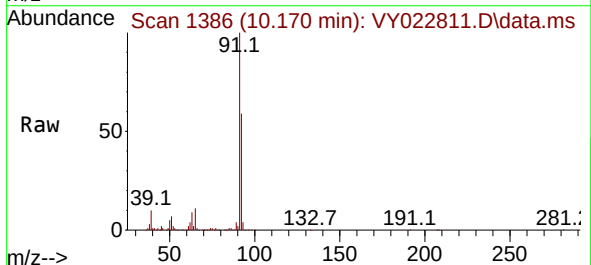
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

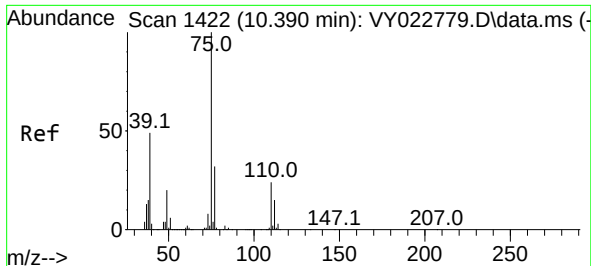
Tgt Ion: 43 Resp: 730067  
Ion Ratio Lower Upper  
43 100  
58 41.0 30.4 45.6



#52  
Toluene  
Concen: 50.813 ug/l  
RT: 10.170 min Scan# 1386  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 92 Resp: 661303  
Ion Ratio Lower Upper  
92 100  
91 172.4 139.0 208.4

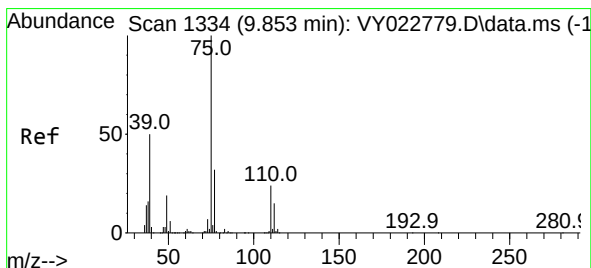
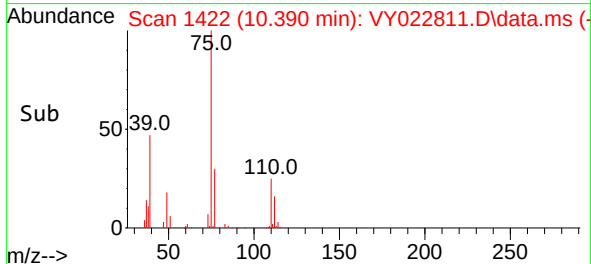
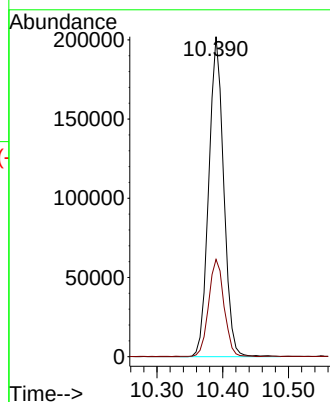
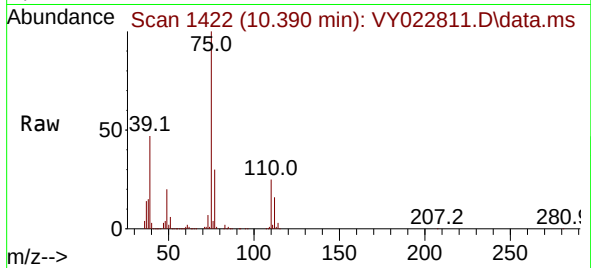




#53  
t-1,3-Dichloropropene  
Concen: 50.167 ug/l  
RT: 10.390 min Scan# 1422  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

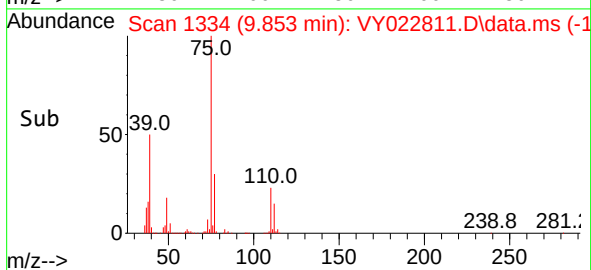
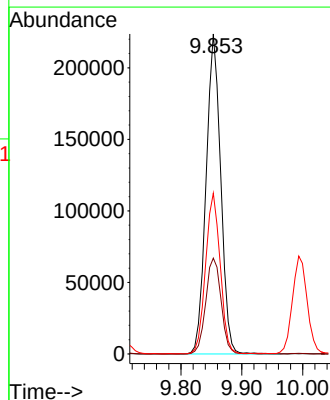
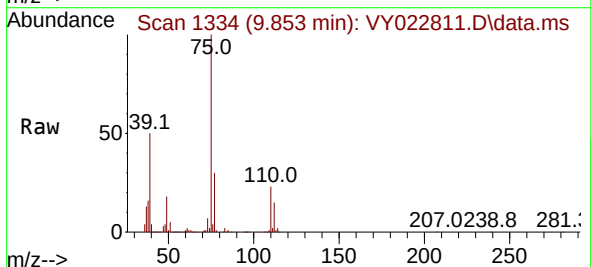
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

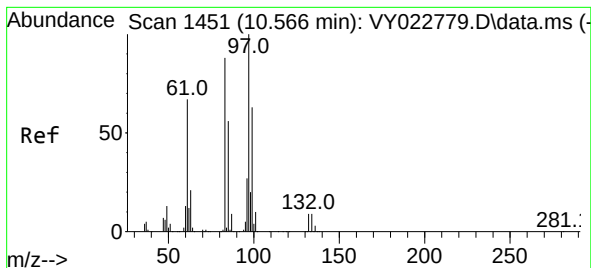
Tgt Ion: 75 Resp: 319011  
Ion Ratio Lower Upper  
75 100  
77 30.3 26.5 39.7



#54  
cis-1,3-Dichloropropene  
Concen: 50.646 ug/l  
RT: 9.853 min Scan# 1334  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 75 Resp: 373423  
Ion Ratio Lower Upper  
75 100  
77 29.9 25.3 37.9  
39 50.1 42.7 64.1



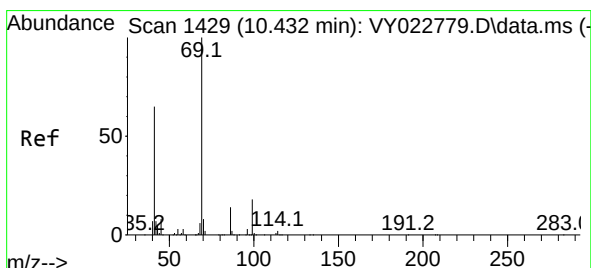
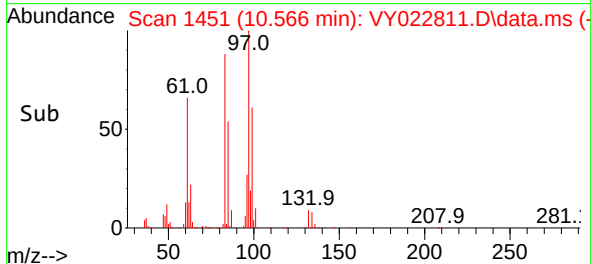
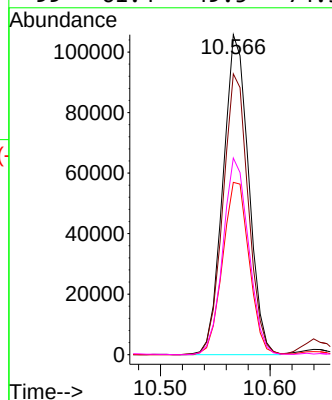
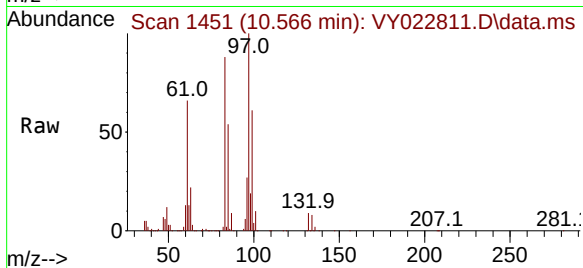


#55  
1,1,2-Trichloroethane  
Concen: 48.394 ug/l  
RT: 10.566 min Scan# 1451  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 97 Resp: 171753

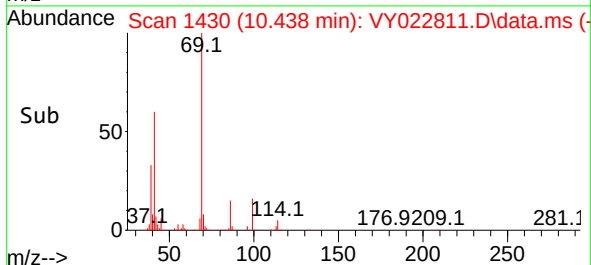
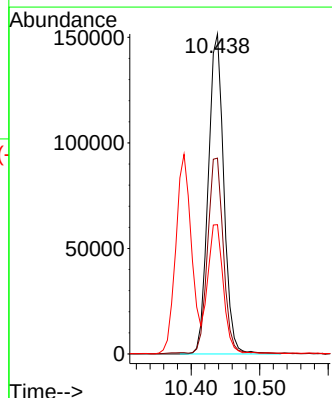
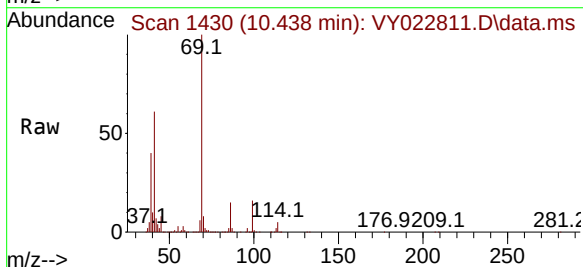
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 87.8  | 68.1  | 102.1 |
| 85  | 53.9  | 48.2  | 72.2  |
| 99  | 61.4  | 49.5  | 74.3  |



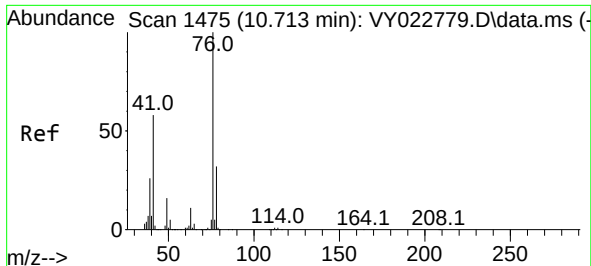
#56  
Ethyl methacrylate  
Concen: 50.213 ug/l  
RT: 10.438 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 69 Resp: 239759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 61.4  | 52.2  | 78.2  |
| 39  | 39.9  | 36.7  | 55.1  |







#57

1,3-Dichloropropane

Concen: 47.897 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

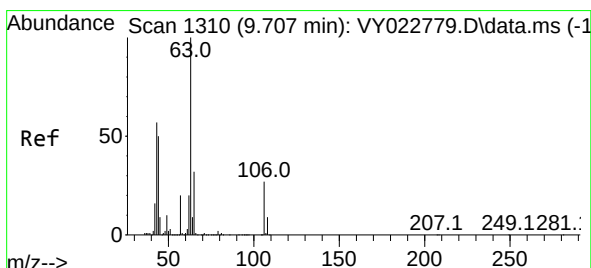
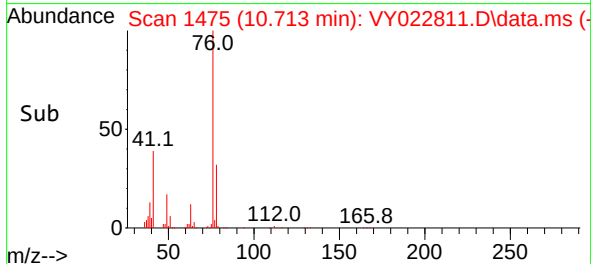
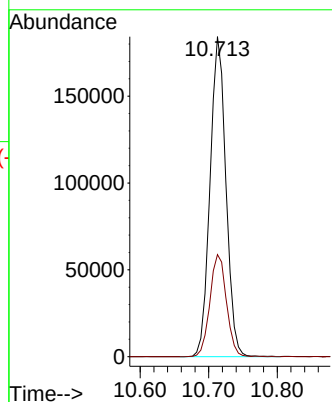
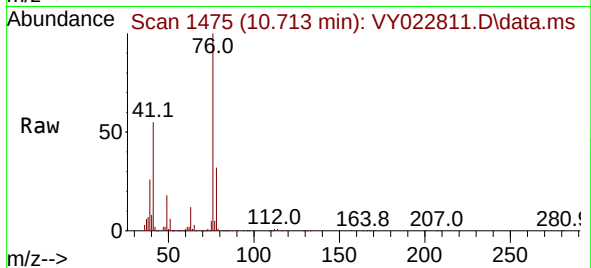
VSTDCCC050

Tgt Ion: 76 Resp: 296576

Ion Ratio Lower Upper

76 100

78 33.2 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 231.838 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY022811.D

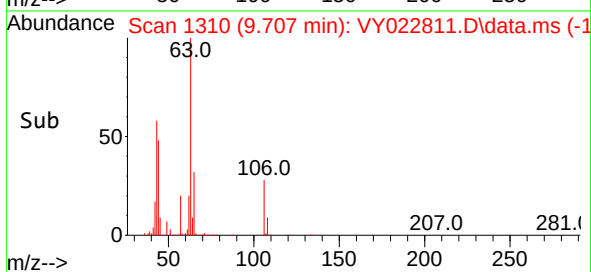
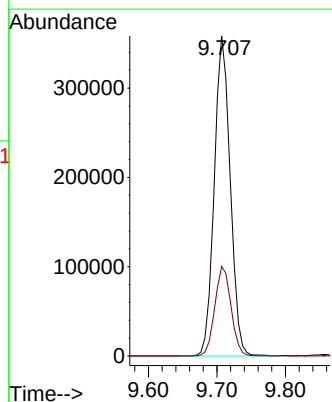
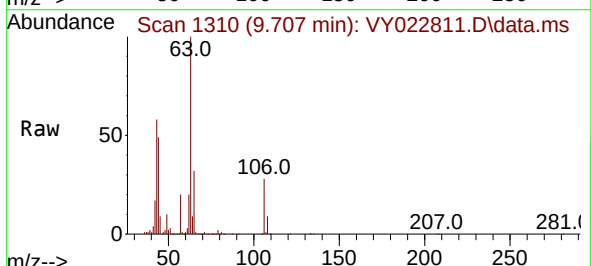
Acq: 25 Jun 2025 09:13

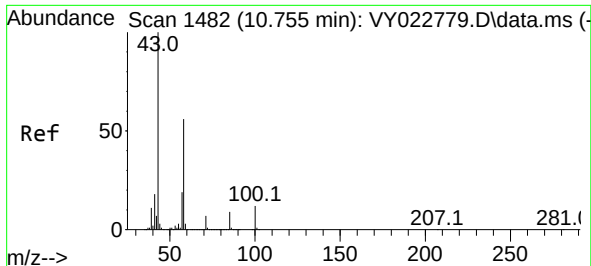
Tgt Ion: 63 Resp: 578771

Ion Ratio Lower Upper

63 100

106 28.3 21.6 32.4

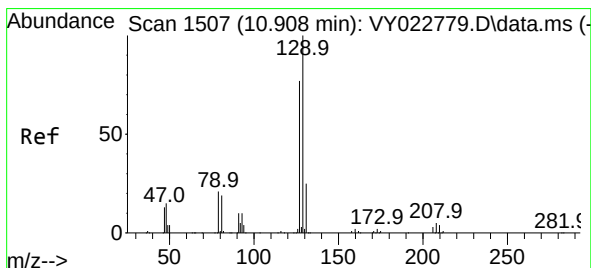
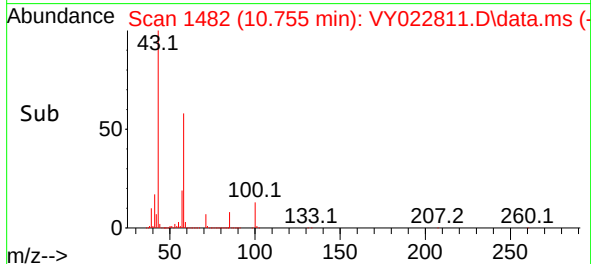
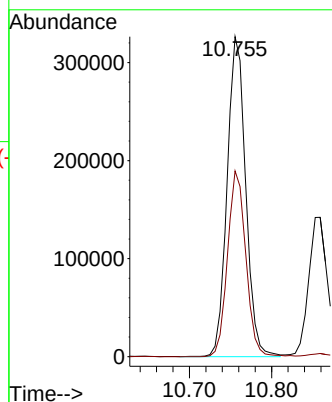
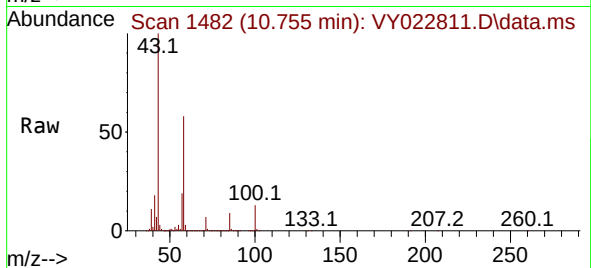




#59  
2-Hexanone  
Concen: 246.541 ug/l  
RT: 10.755 min Scan# 1482  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

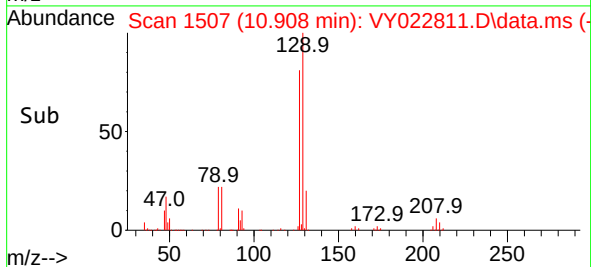
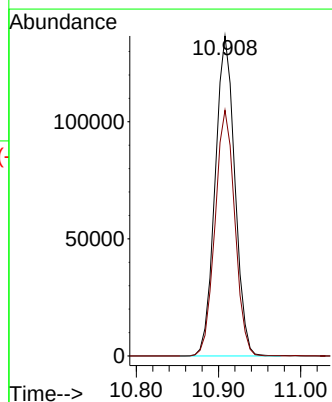
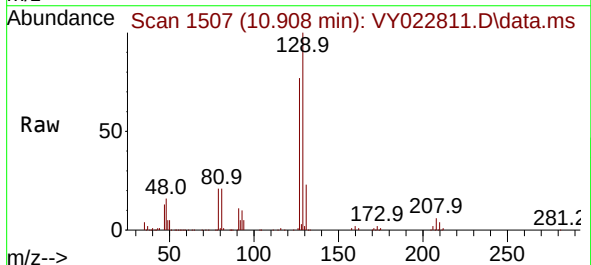
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

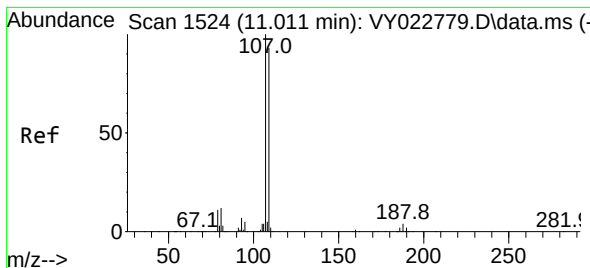
Tgt Ion: 43 Resp: 512572  
Ion Ratio Lower Upper  
43 100  
58 57.4 27.3 81.8



#60  
Dibromochloromethane  
Concen: 49.558 ug/l  
RT: 10.908 min Scan# 1507  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 129 Resp: 227181  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.1 117.2

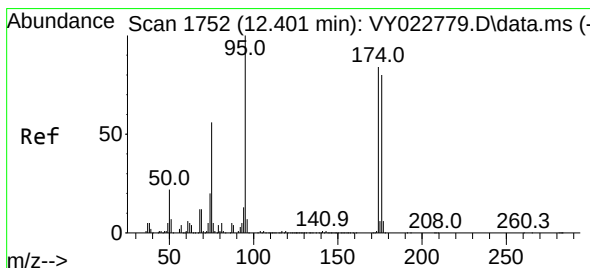
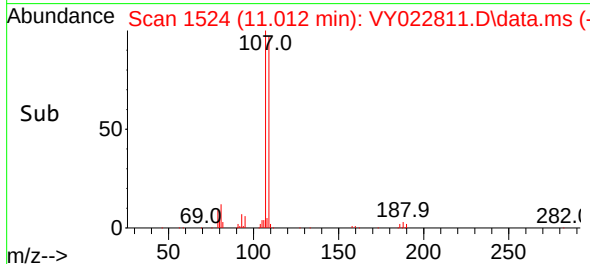
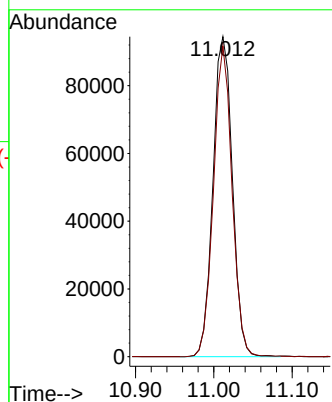
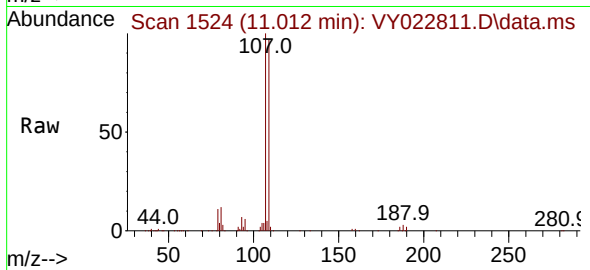




#61  
1,2-Dibromoethane  
Concen: 48.956 ug/l  
RT: 11.012 min Scan# 1524  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

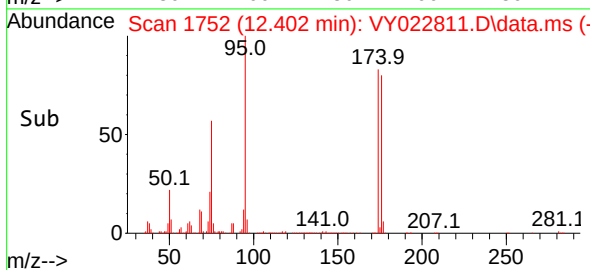
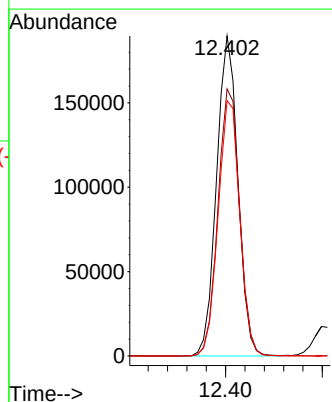
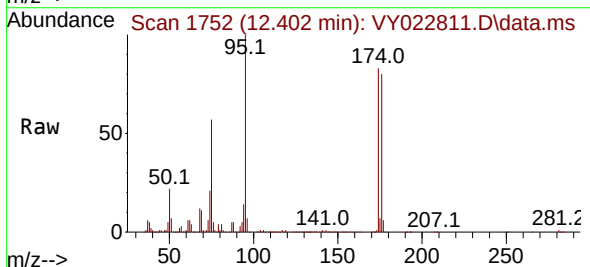
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

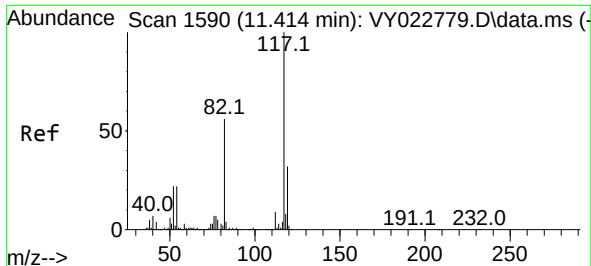
Tgt Ion:107 Resp: 162586  
Ion Ratio Lower Upper  
107 100  
109 93.4 77.7 116.5



#62  
4-Bromofluorobenzene  
Concen: 51.300 ug/l  
RT: 12.402 min Scan# 1752  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 95 Resp: 289678  
Ion Ratio Lower Upper  
95 100  
174 84.6 0.0 170.0  
176 81.0 0.0 166.2

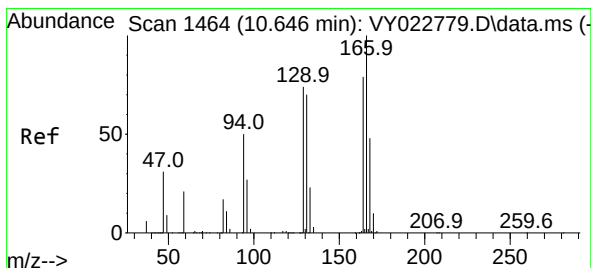
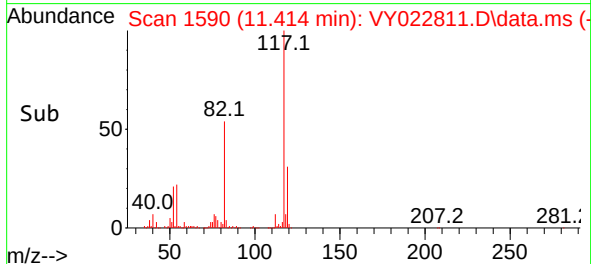
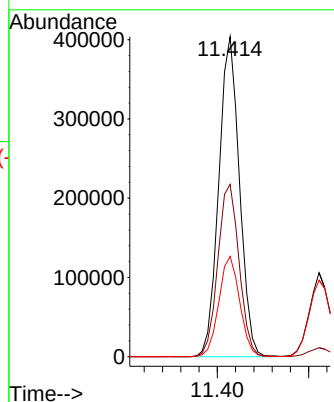
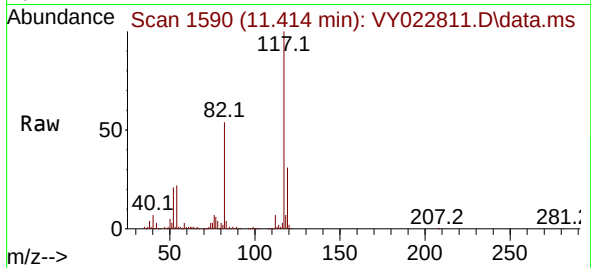




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.414 min Scan# 117  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

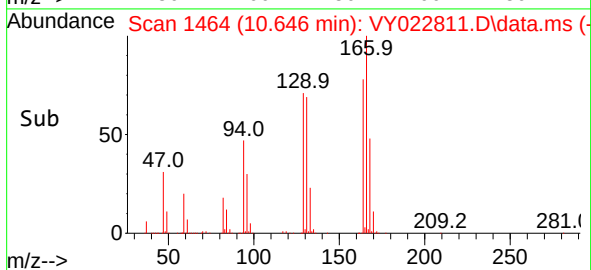
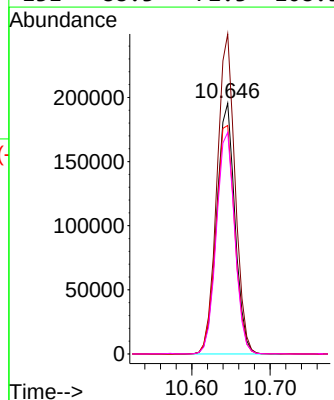
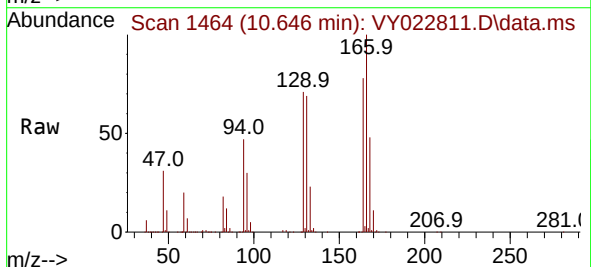
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

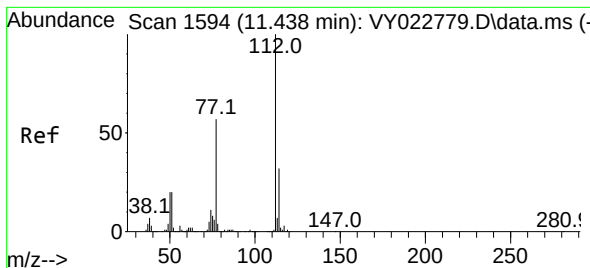
Tgt Ion:117 Resp: 634524  
Ion Ratio Lower Upper  
117 100  
82 53.8 44.6 66.8  
119 31.4 25.4 38.0



#64  
Tetrachloroethene  
Concen: 52.827 ug/l  
RT: 10.646 min Scan# 1464  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:164 Resp: 316666  
Ion Ratio Lower Upper  
164 100  
166 127.6 104.0 156.0  
129 91.1 74.5 111.7  
131 88.3 72.3 108.5

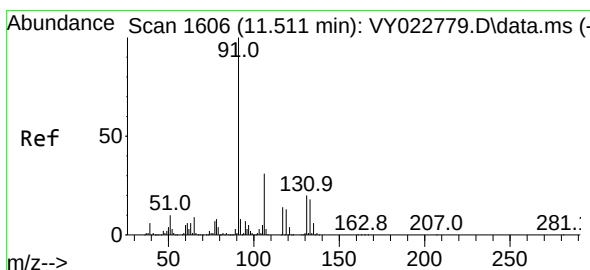
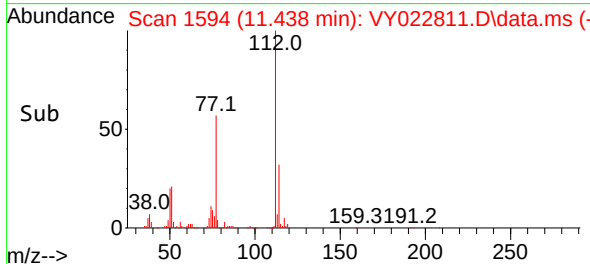
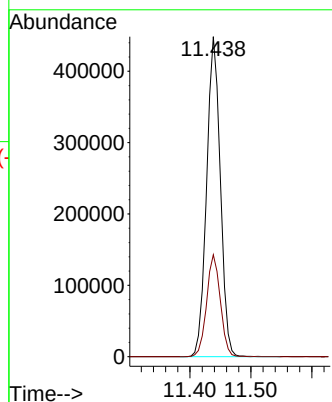
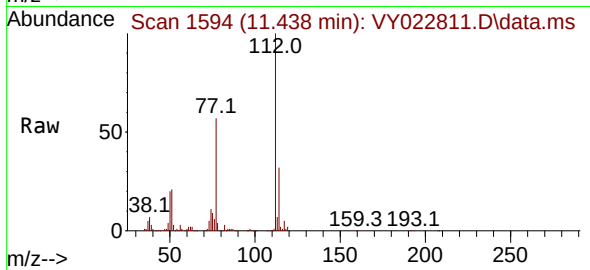




#65  
Chlorobenzene  
Concen: 50.248 ug/l  
RT: 11.438 min Scan# 1594  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

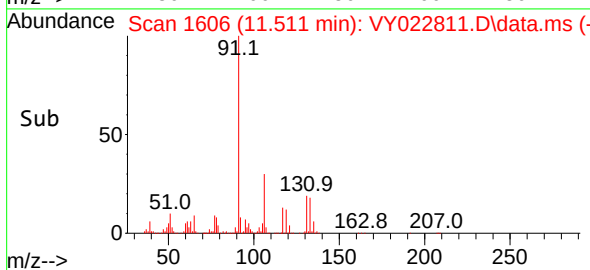
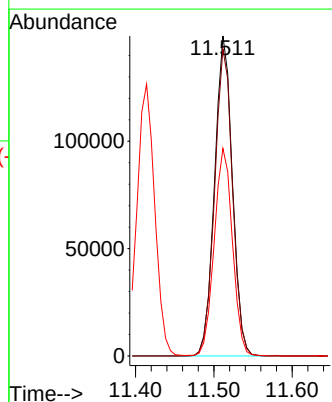
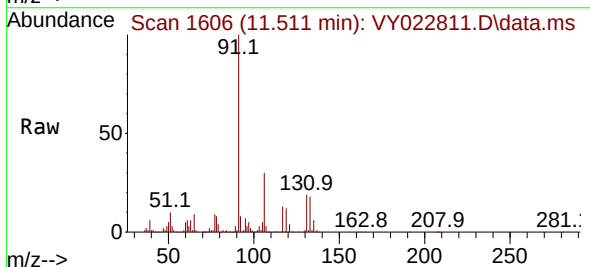
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

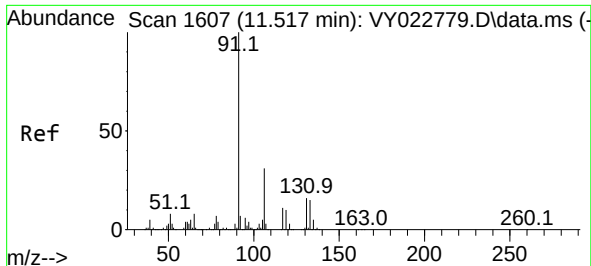
Tgt Ion:112 Resp: 700577  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.930 ug/l  
RT: 11.511 min Scan# 1606  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:131 Resp: 235790  
Ion Ratio Lower Upper  
131 100  
133 96.4 47.3 141.8  
119 66.4 33.1 99.3





#67

Ethyl Benzene

Concen: 51.322 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

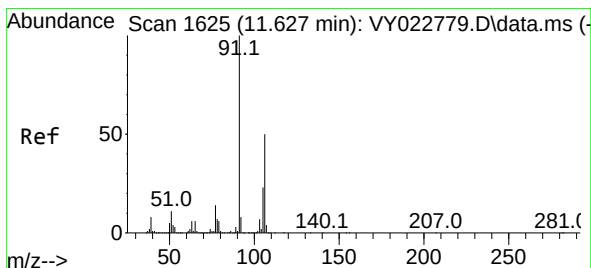
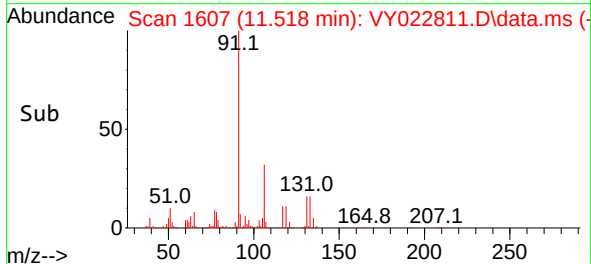
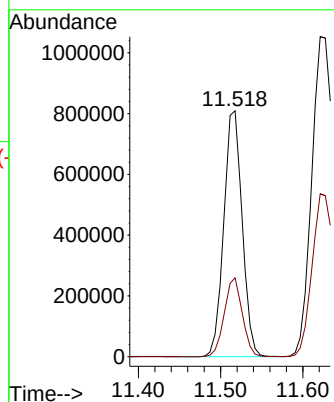
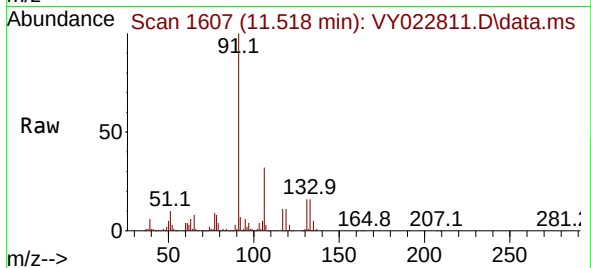
VSTDCCC050

Tgt Ion: 91 Resp: 1257234

Ion Ratio Lower Upper

91 100

106 32.1 24.2 36.4



#68

m/p-Xylenes

Concen: 103.889 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY022811.D

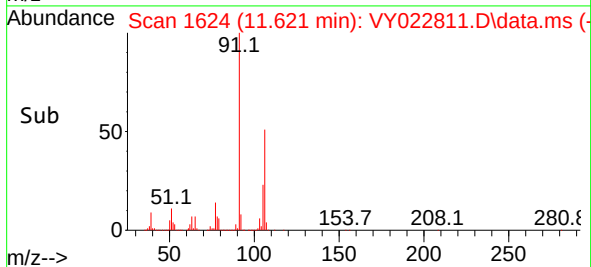
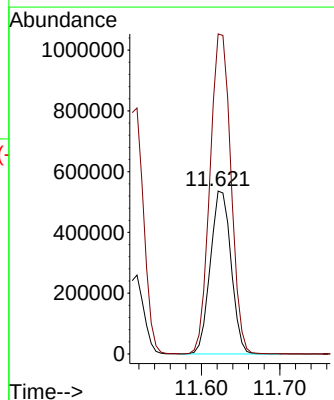
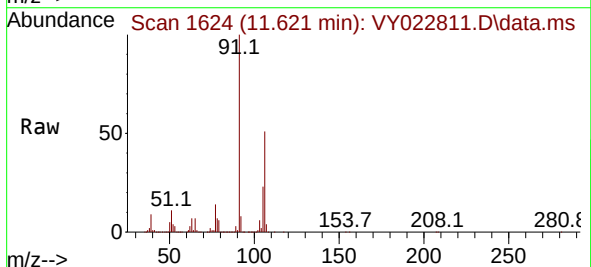
Acq: 25 Jun 2025 09:13

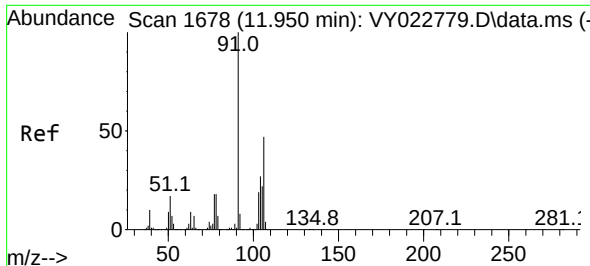
Tgt Ion:106 Resp: 983789

Ion Ratio Lower Upper

106 100

91 199.1 159.4 239.0

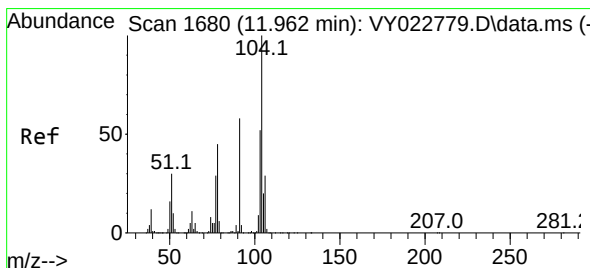
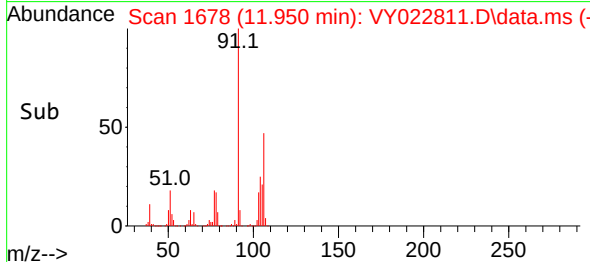
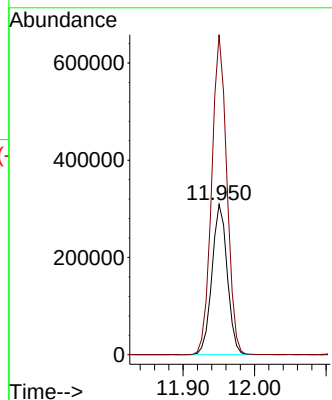
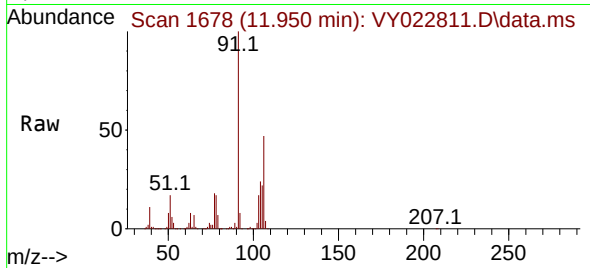




#69  
o-Xylene  
Concen: 51.530 ug/l  
RT: 11.950 min Scan# 1678  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

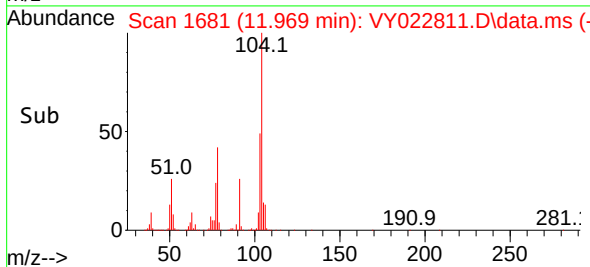
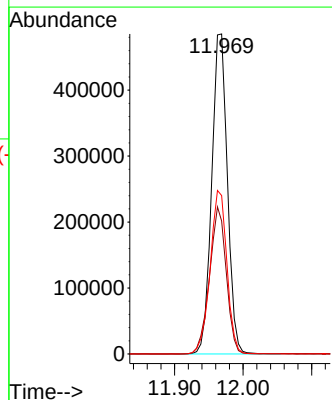
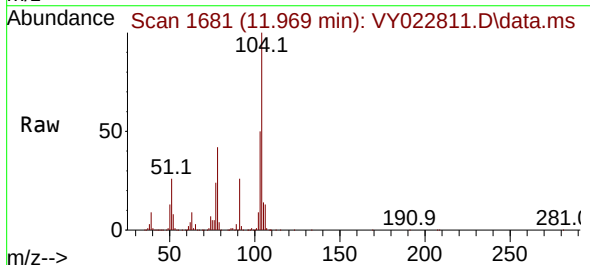
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

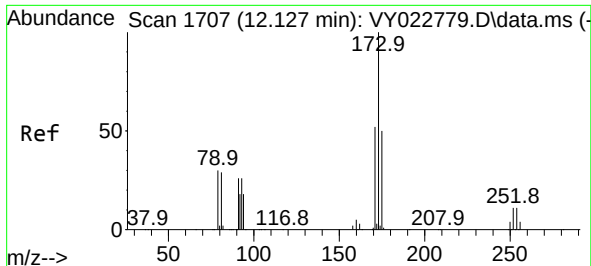
Tgt Ion:106 Resp: 459787  
Ion Ratio Lower Upper  
106 100  
91 210.8 105.8 317.3



#70  
Styrene  
Concen: 51.710 ug/l  
RT: 11.969 min Scan# 1681  
Delta R.T. -0.000 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:104 Resp: 772857  
Ion Ratio Lower Upper  
104 100  
78 49.0 39.5 59.3  
103 54.6 44.1 66.1

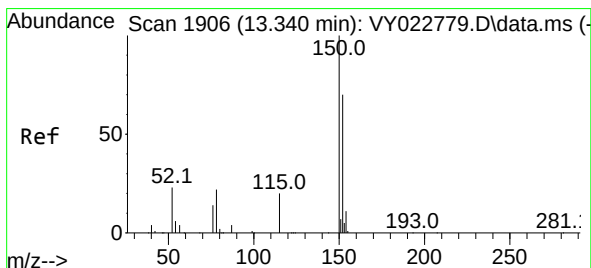
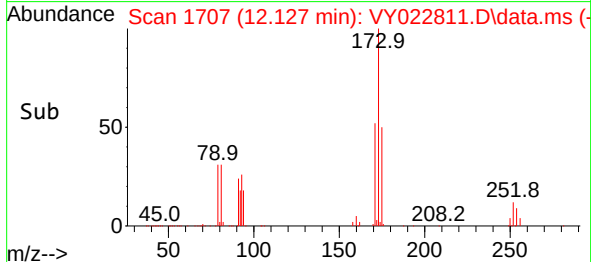
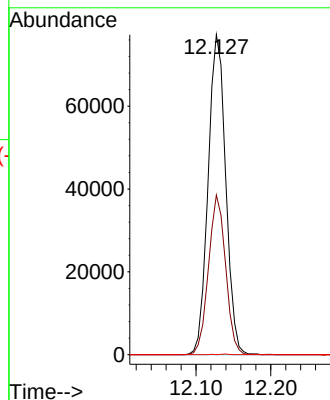
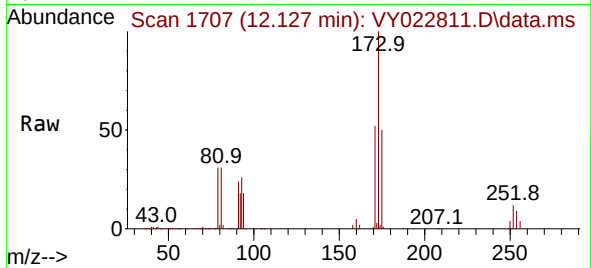




#71  
Bromoform  
Concen: 48.061 ug/l  
RT: 12.127 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

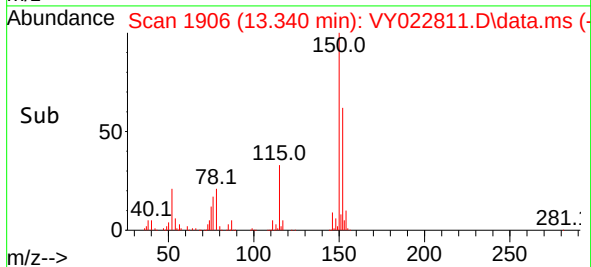
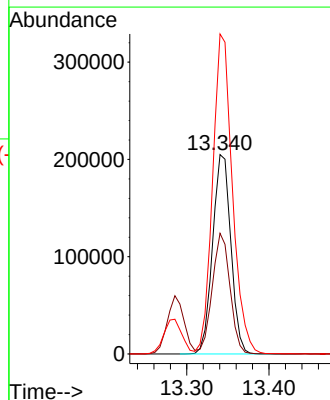
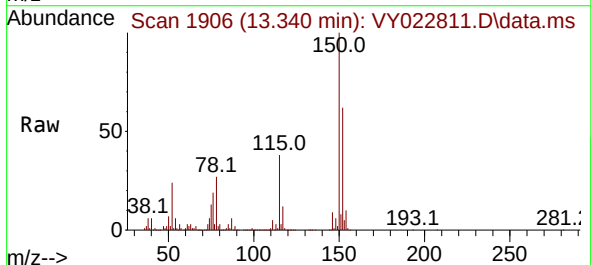
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tgt Ion:173 Resp: 126376  
Ion Ratio Lower Upper  
173 100  
175 48.5 23.8 71.5  
254 0.1 0.0 0.0#

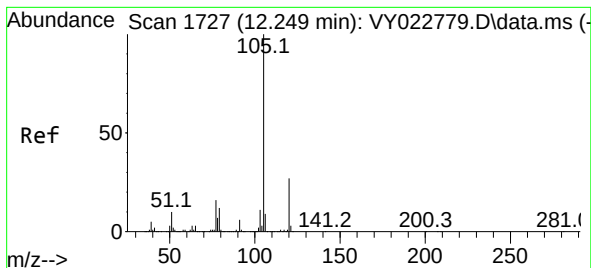


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.340 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion:152 Resp: 316858  
Ion Ratio Lower Upper  
152 100  
115 58.9 28.9 86.7  
150 173.9 0.0 349.6







#73

Isopropylbenzene

Concen: 51.449 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

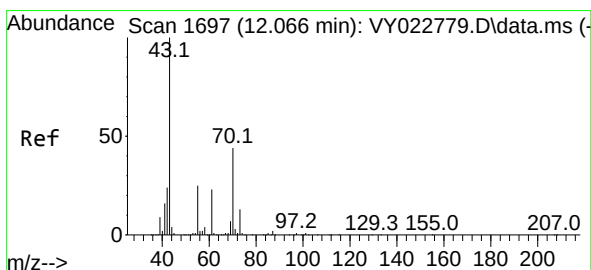
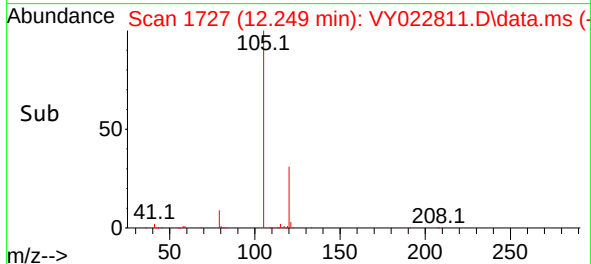
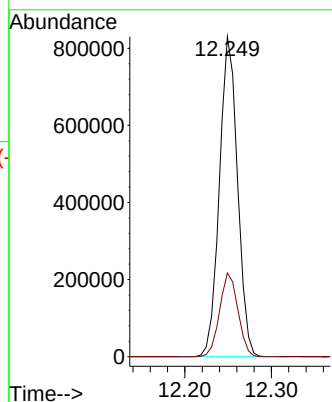
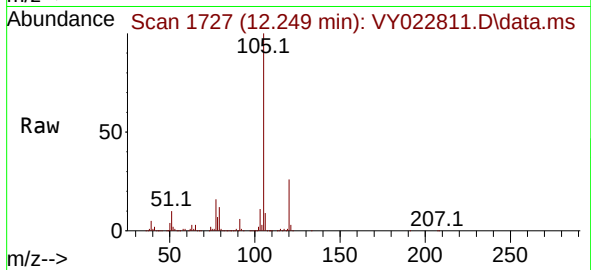
VSTDCCC050

Tgt Ion:105 Resp: 1205651

Ion Ratio Lower Upper

105 100

120 26.4 13.0 38.9



#74

N-ethyl acetate

Concen: 49.444 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Tgt Ion: 43 Resp: 260075

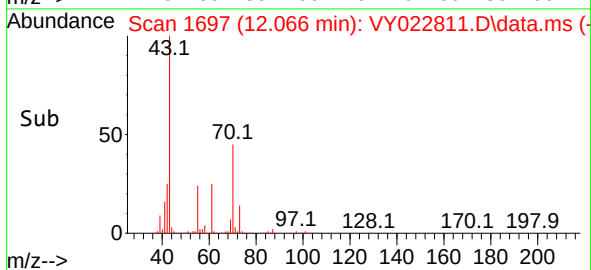
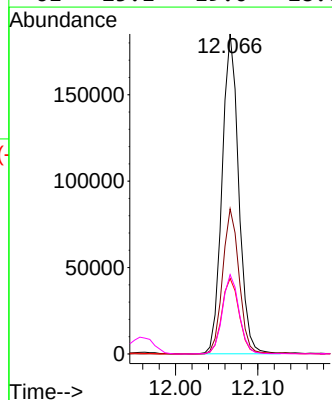
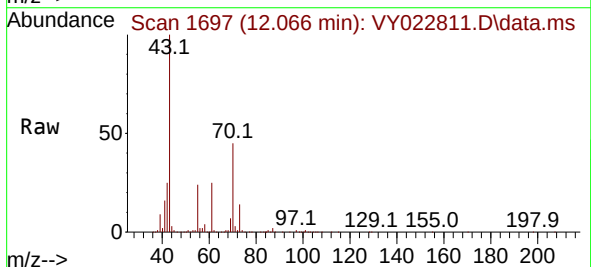
Ion Ratio Lower Upper

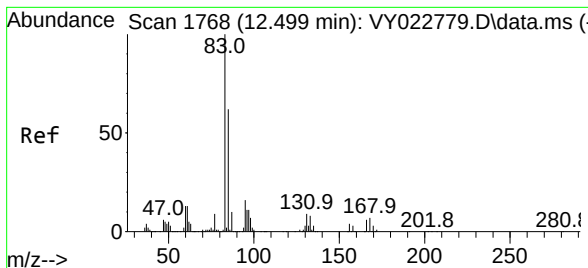
43 100

70 45.0 34.2 51.2

55 24.7 18.2 27.4

61 25.1 19.0 28.6

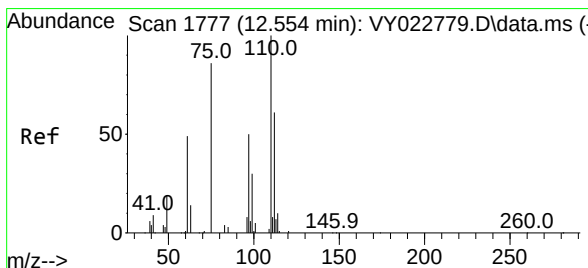
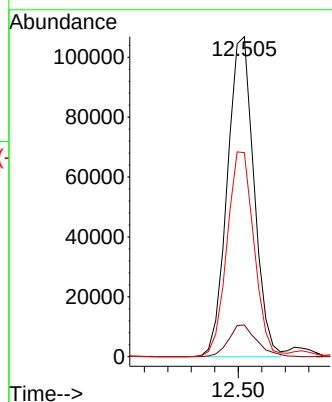
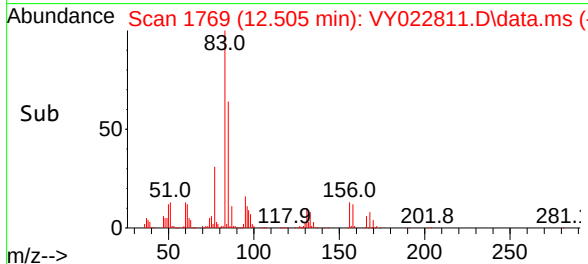
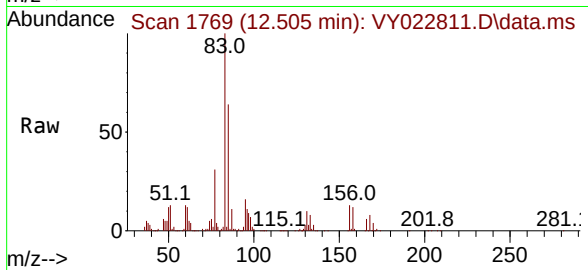




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 44.506 ug/l  
 RT: 12.505 min Scan# 1769  
 Delta R.T. -0.000 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

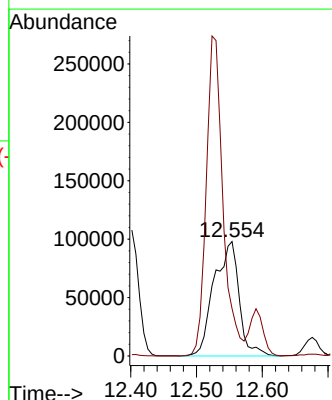
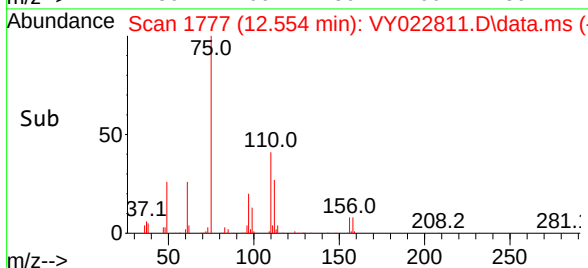
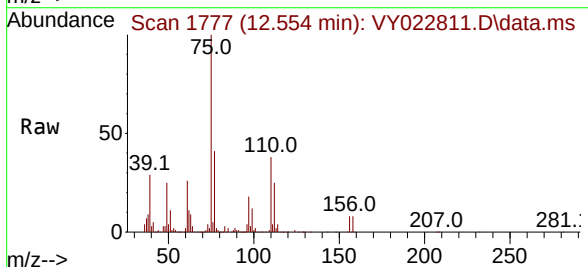
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

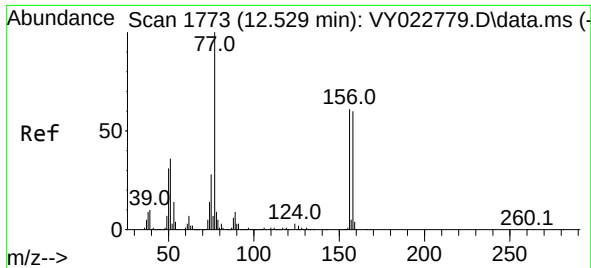
Tgt Ion: 83 Resp: 168089  
 Ion Ratio Lower Upper  
 83 100  
 131 10.5 4.9 14.7  
 85 65.2 32.6 97.8



#76  
 1,2,3-Trichloropropane  
 Concen: 80.502 ug/l  
 RT: 12.554 min Scan# 1777  
 Delta R.T. -0.000 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion: 75 Resp: 260411  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 0.0 0.0

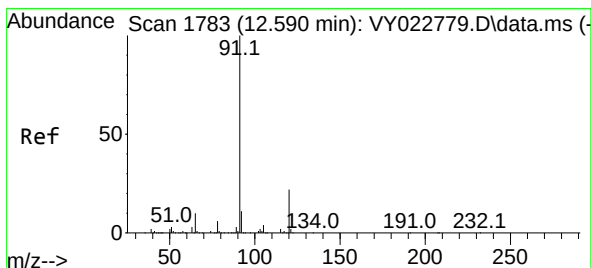
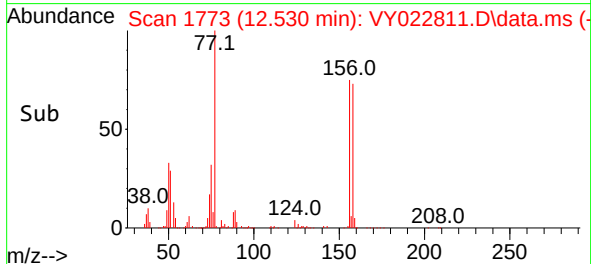
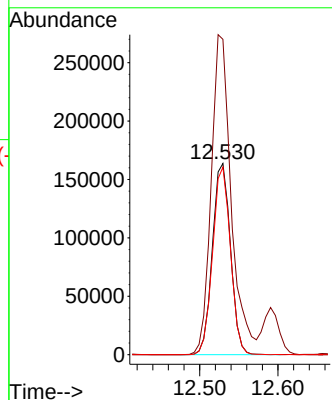
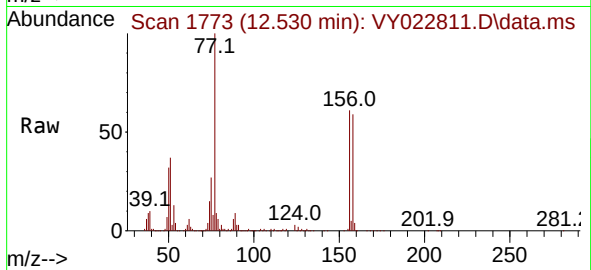




#77  
Bromobenzene  
Concen: 49.475 ug/l  
RT: 12.530 min Scan# 1773  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

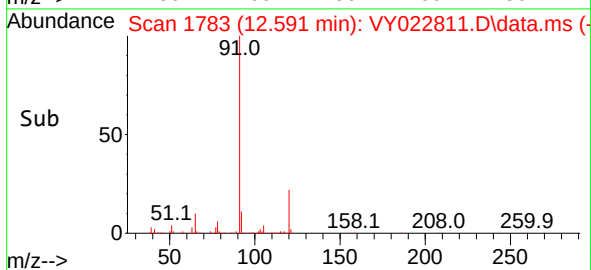
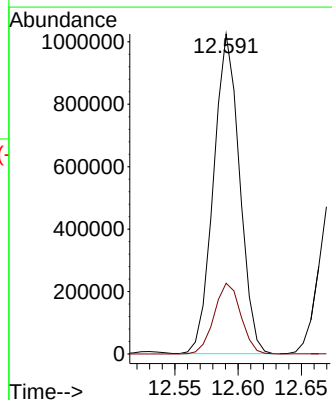
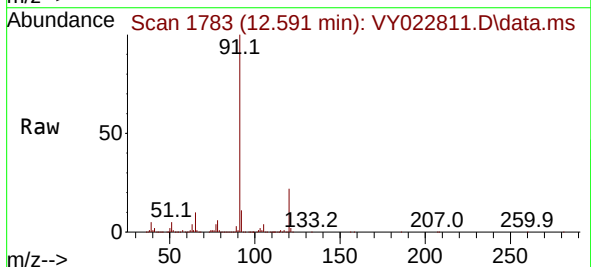
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

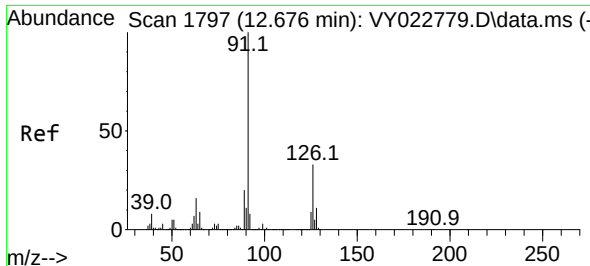
Tgt Ion:156 Resp: 262793  
Ion Ratio Lower Upper  
156 100  
77 185.1 94.0 282.1  
158 96.7 48.2 144.6



#78  
n-propylbenzene  
Concen: 51.821 ug/l  
RT: 12.591 min Scan# 1783  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 91 Resp: 1466178  
Ion Ratio Lower Upper  
91 100  
120 22.6 10.8 32.4

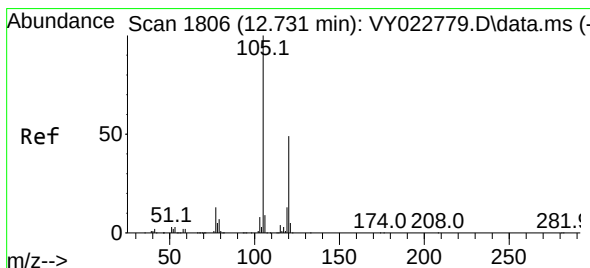
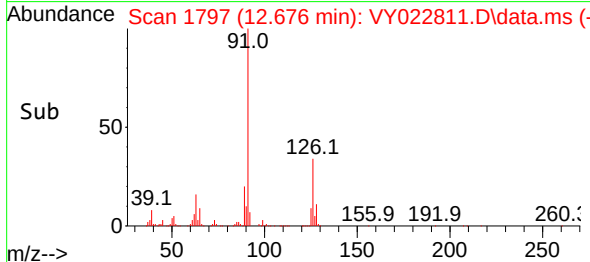
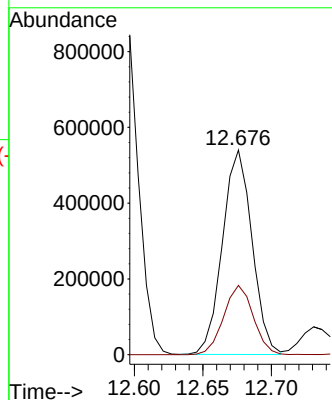
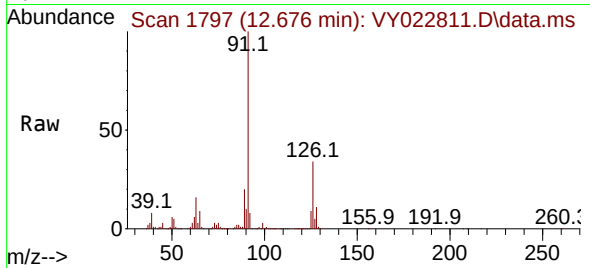




#79  
2-Chlorotoluene  
Concen: 50.685 ug/l  
RT: 12.676 min Scan# 1797  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

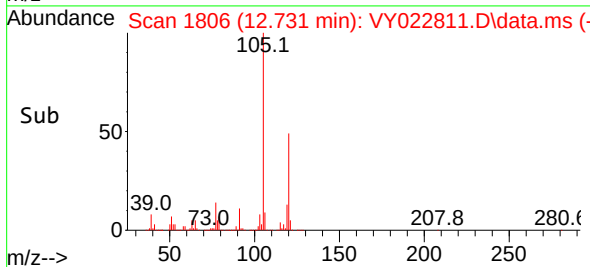
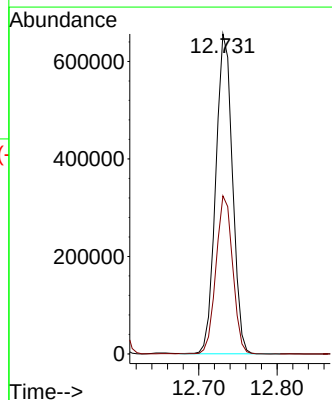
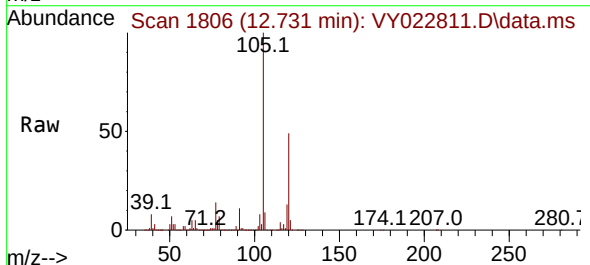
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

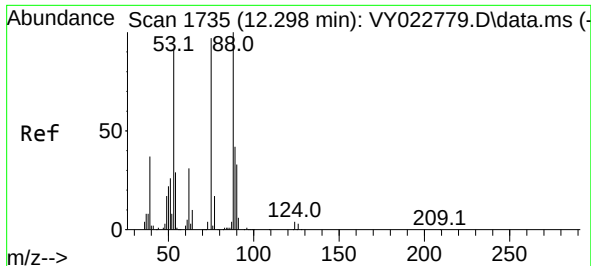
Tgt Ion: 91 Resp: 810209  
Ion Ratio Lower Upper  
91 100  
126 33.9 17.0 51.0



#80  
1,3,5-Trimethylbenzene  
Concen: 51.507 ug/l  
RT: 12.731 min Scan# 1806  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 105 Resp: 974376  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.1 72.4

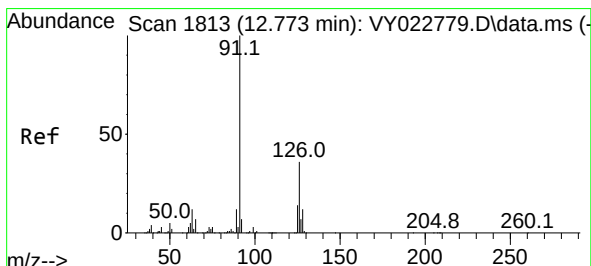
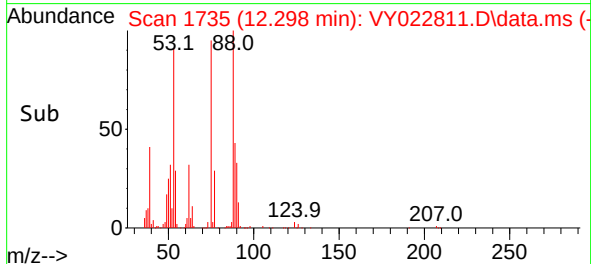
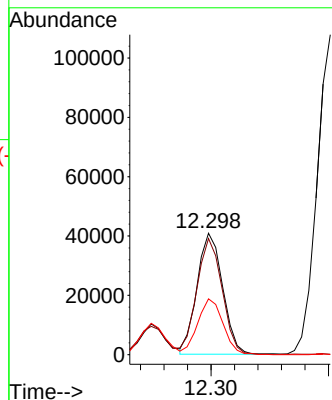
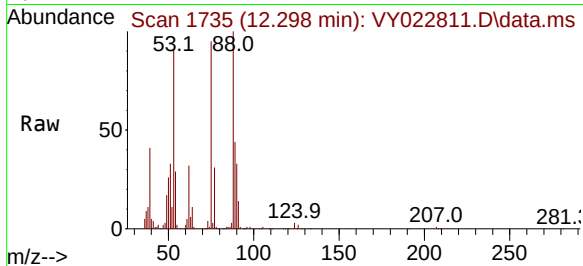




#81  
trans-1,4-Dichloro-2-butene  
Concen: 48.196 ug/l  
RT: 12.298 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

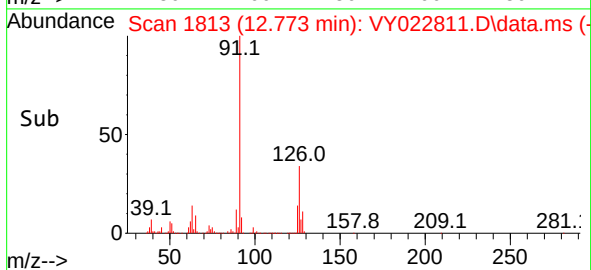
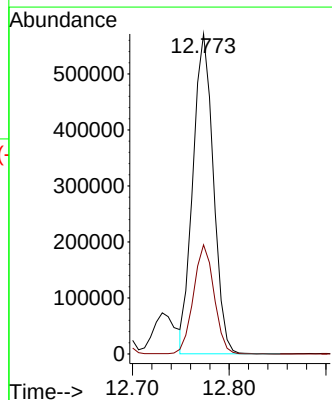
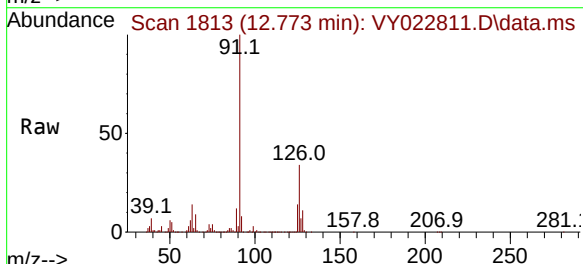
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

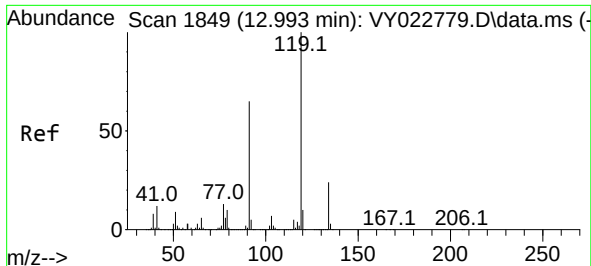
Tgt Ion: 75 Resp: 61711  
Ion Ratio Lower Upper  
75 100  
53 95.7 78.5 117.7  
89 45.8 35.7 53.5



#82  
4-Chlorotoluene  
Concen: 49.780 ug/l  
RT: 12.773 min Scan# 1813  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 91 Resp: 835838  
Ion Ratio Lower Upper  
91 100  
126 34.6 17.0 50.9

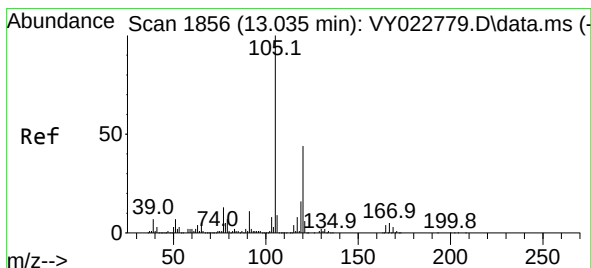
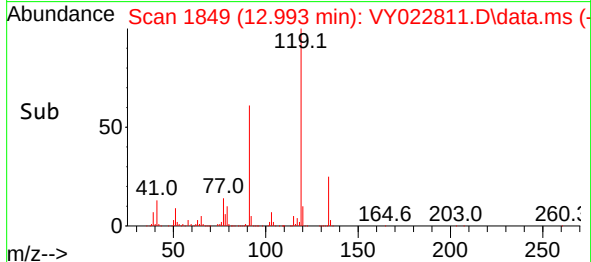
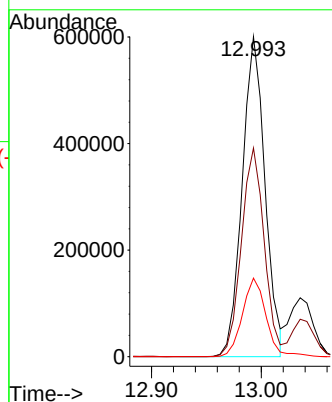
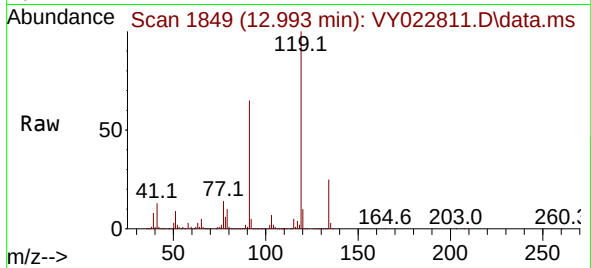




#83  
 tert-Butylbenzene  
 Concen: 51.973 ug/l  
 RT: 12.993 min Scan# 1849  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

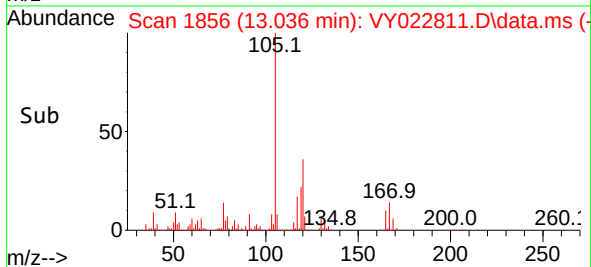
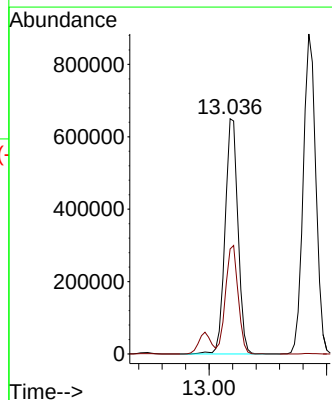
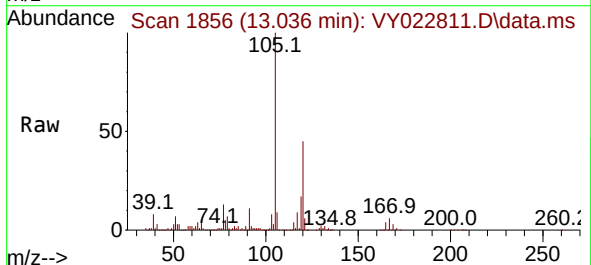
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

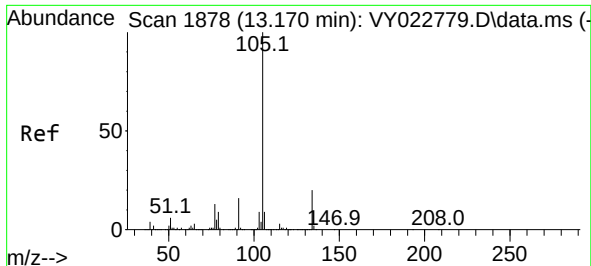
Tgt Ion:119 Resp: 867090  
 Ion Ratio Lower Upper  
 119 100  
 91 65.2 32.1 96.3  
 134 25.5 13.0 38.9



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.254 ug/l  
 RT: 13.036 min Scan# 1856  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion:105 Resp: 989679  
 Ion Ratio Lower Upper  
 105 100  
 120 45.0 22.7 68.1

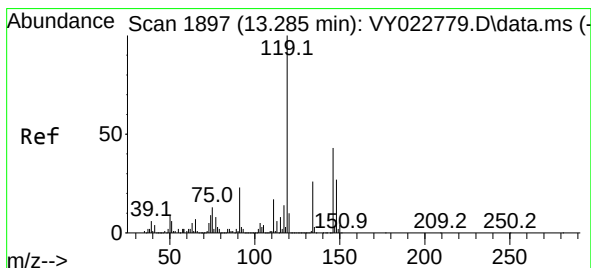
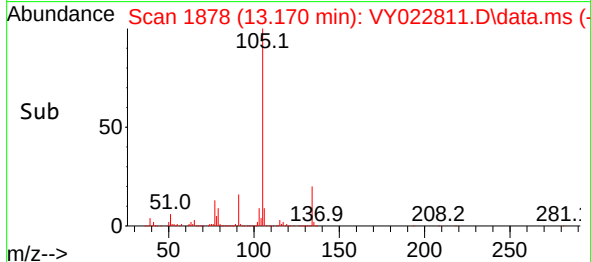
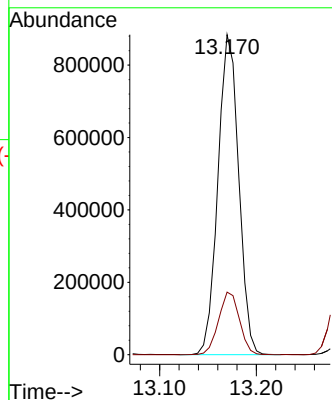
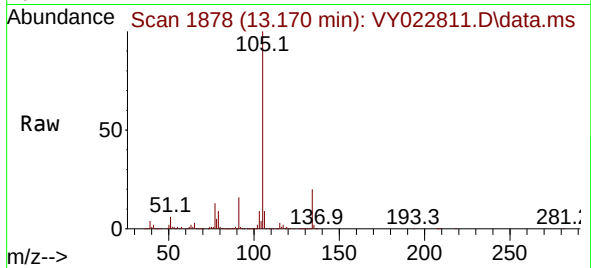




#85  
 sec-Butylbenzene  
 Concen: 52.426 ug/l  
 RT: 13.170 min Scan# 1878  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

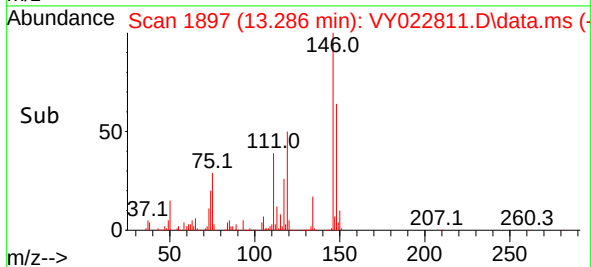
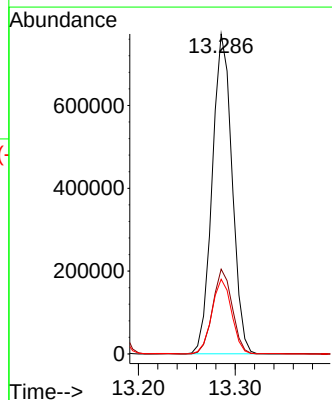
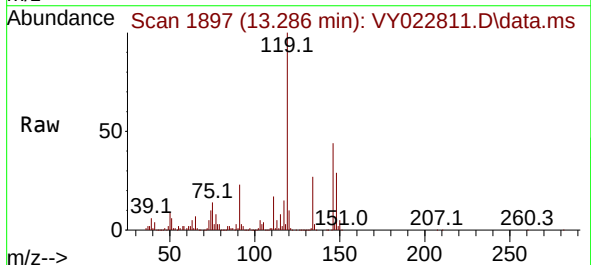
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

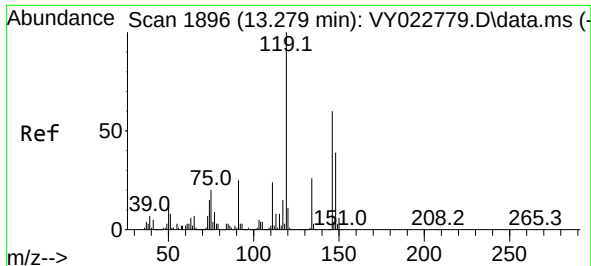
Tgt Ion:105 Resp: 1315993  
 Ion Ratio Lower Upper  
 105 100  
 134 19.7 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 52.785 ug/l  
 RT: 13.286 min Scan# 1897  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion:119 Resp: 1102630  
 Ion Ratio Lower Upper  
 119 100  
 134 26.0 13.1 39.1  
 91 23.2 11.6 34.8

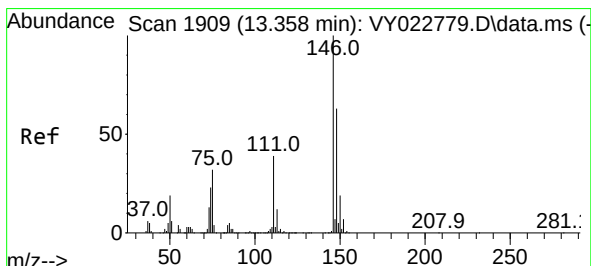
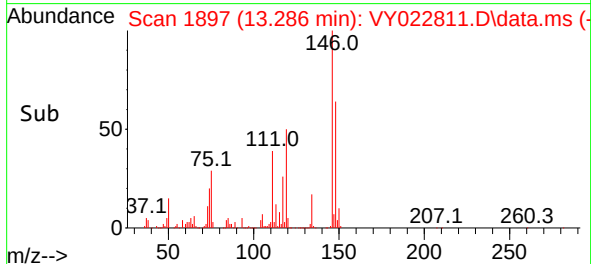
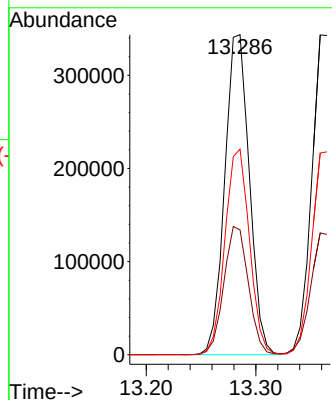
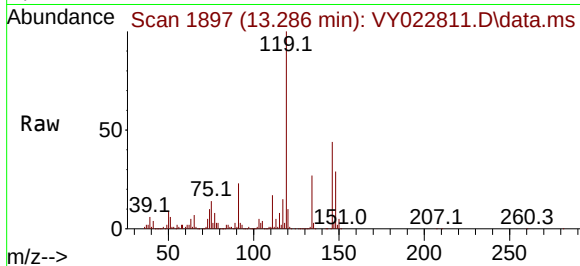




#87  
 1,3-Dichlorobenzene  
 Concen: 50.294 ug/l  
 RT: 13.286 min Scan# 1897  
 Delta R.T. -0.006 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

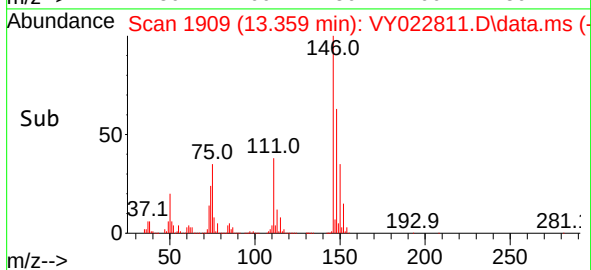
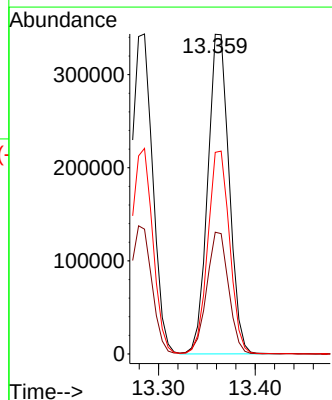
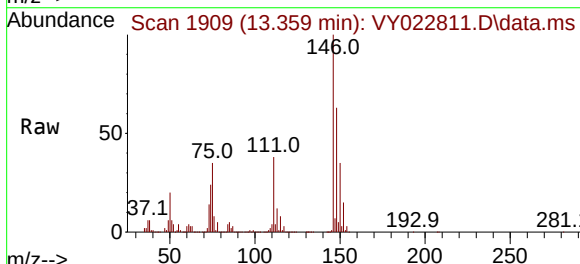
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion:146 Resp: 536520  
 Ion Ratio Lower Upper  
 146 100  
 111 40.1 20.1 60.2  
 148 63.9 32.1 96.3

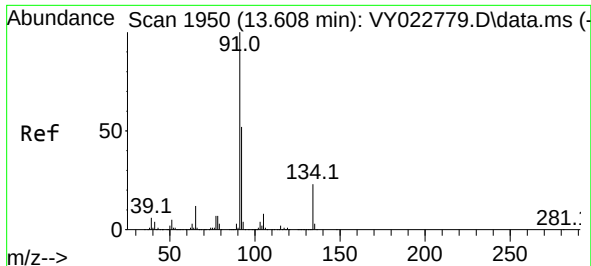


#88  
 1,4-Dichlorobenzene  
 Concen: 49.655 ug/l  
 RT: 13.359 min Scan# 1909  
 Delta R.T. -0.012 min  
 Lab File: VY022811.D  
 Acq: 25 Jun 2025 09:13

Tgt Ion:146 Resp: 526174  
 Ion Ratio Lower Upper  
 146 100  
 111 38.9 19.4 58.2  
 148 64.8 31.6 94.8







#89

n-Butylbenzene

Concen: 52.629 ug/l

RT: 13.615 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

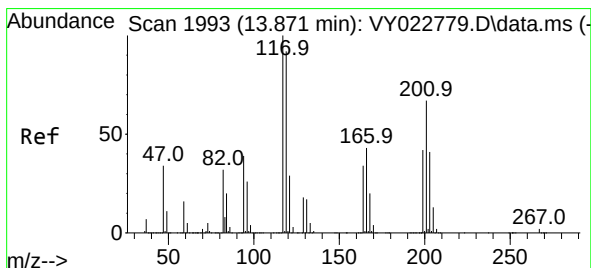
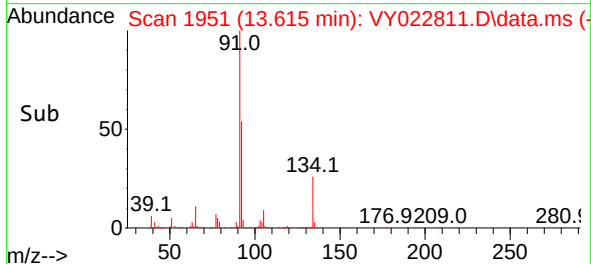
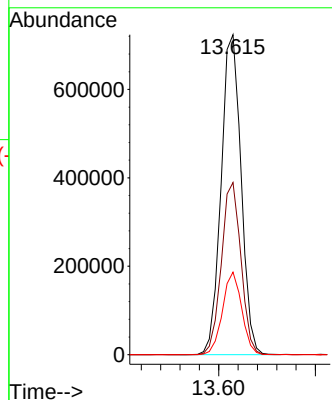
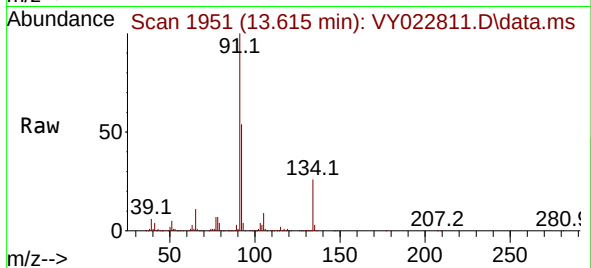
Tgt Ion: 91 Resp: 1034111

Ion Ratio Lower Upper

91 100

92 52.9 25.9 77.8

134 24.9 12.0 36.1



#90

Hexachloroethane

Concen: 50.607 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY022811.D

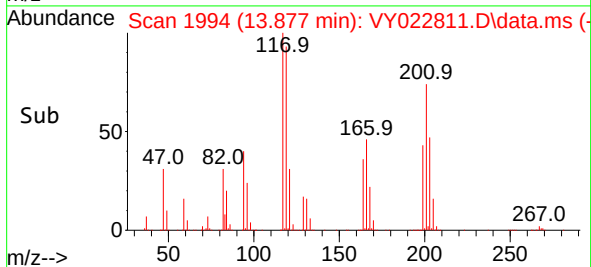
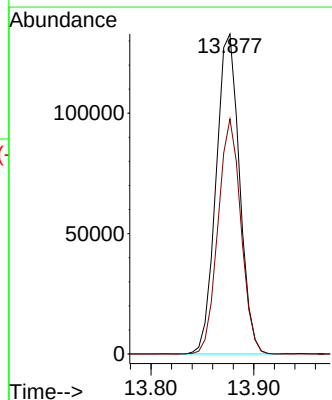
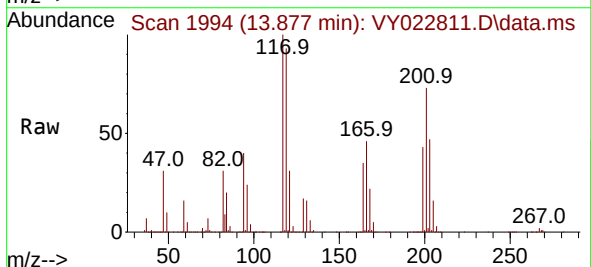
Acq: 25 Jun 2025 09:13

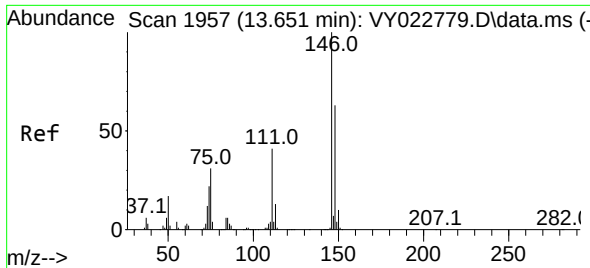
Tgt Ion: 117 Resp: 210549

Ion Ratio Lower Upper

117 100

201 71.6 34.0 102.0

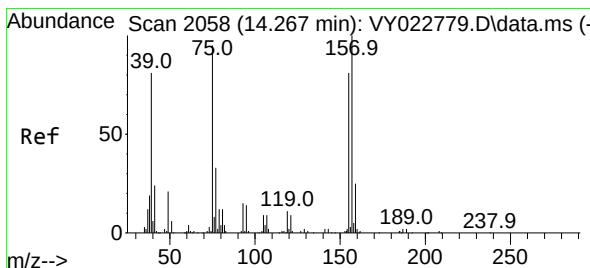
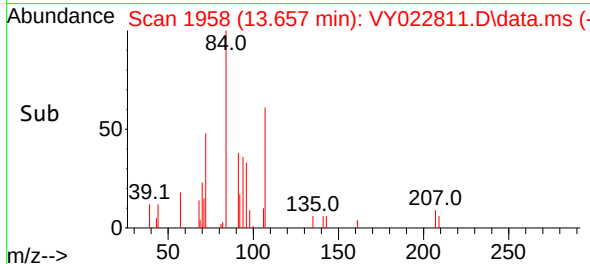
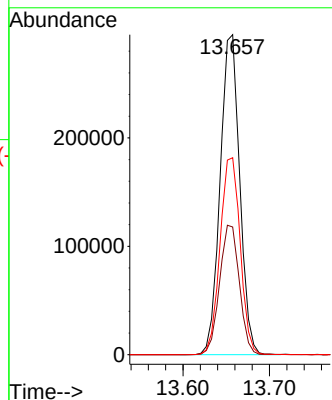
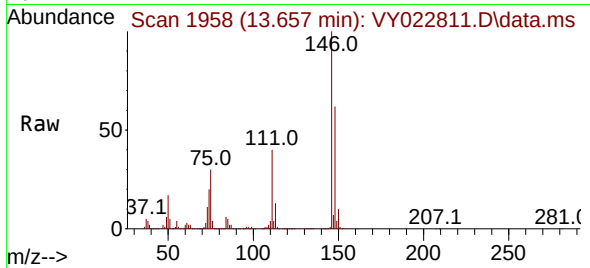




#91  
1,2-Dichlorobenzene  
Concen: 49.222 ug/l  
RT: 13.657 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

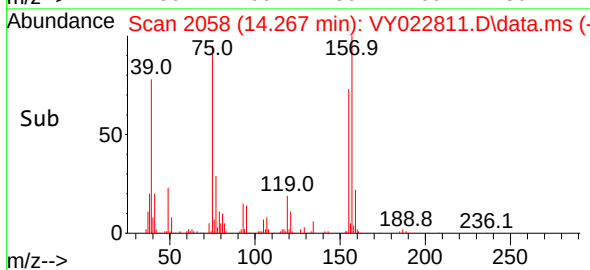
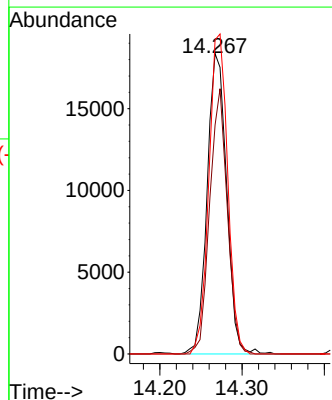
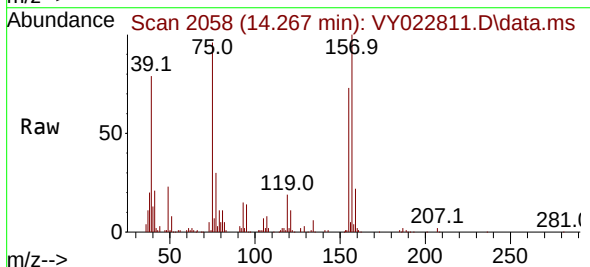
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

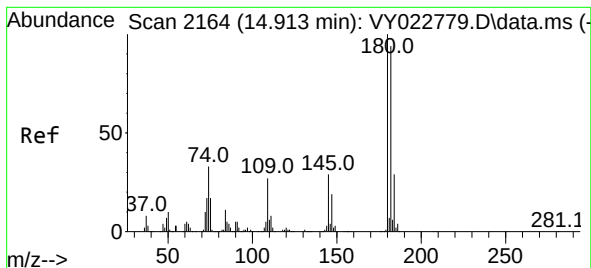
Tgt Ion:146 Resp: 462734  
Ion Ratio Lower Upper  
146 100  
111 41.0 20.2 60.6  
148 63.5 31.4 94.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 47.159 ug/l  
RT: 14.267 min Scan# 2058  
Delta R.T. -0.006 min  
Lab File: VY022811.D  
Acq: 25 Jun 2025 09:13

Tgt Ion: 75 Resp: 30204  
Ion Ratio Lower Upper  
75 100  
155 79.9 39.9 119.6  
157 102.9 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 48.973 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

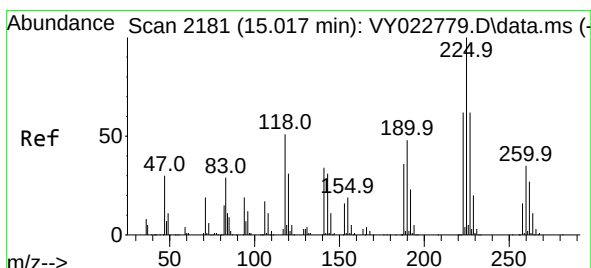
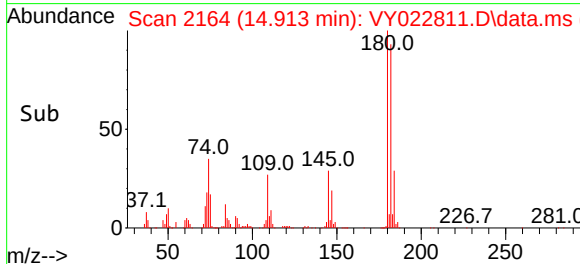
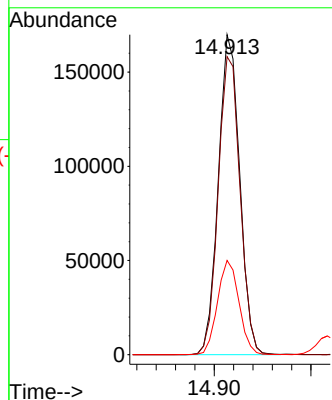
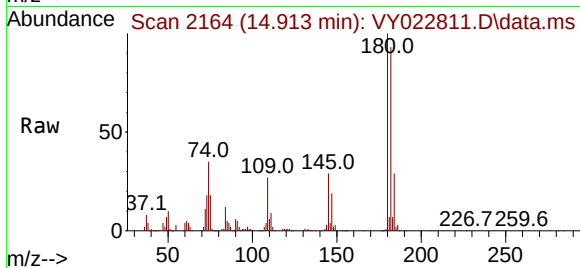
Tgt Ion:180 Resp: 259937

Ion Ratio Lower Upper

180 100

182 95.4 48.4 145.3

145 29.8 15.5 46.5



#94

Hexachlorobutadiene

Concen: 49.168 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

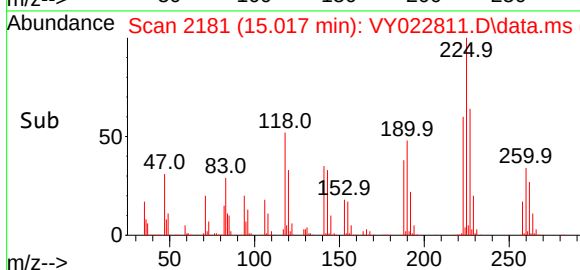
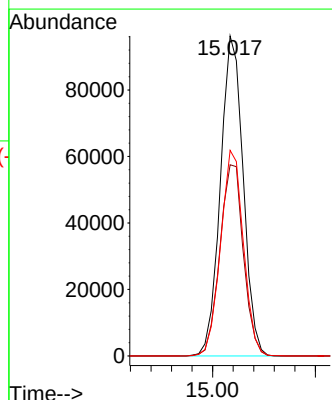
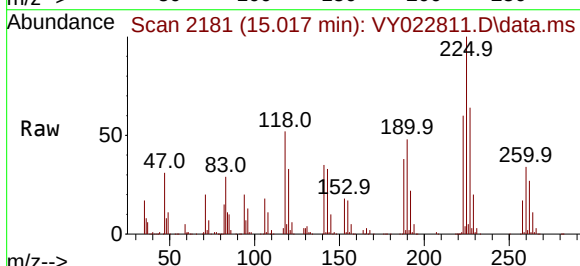
Tgt Ion:225 Resp: 147577

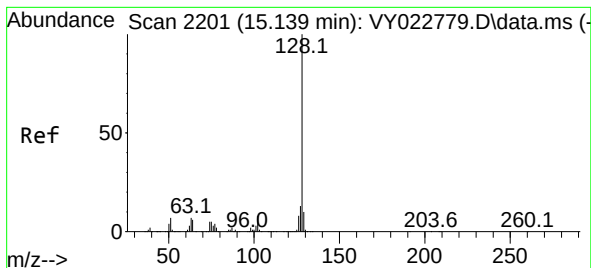
Ion Ratio Lower Upper

225 100

223 62.0 32.5 97.4

227 64.4 32.3 96.9





#95

Naphthalene

Concen: 48.371 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

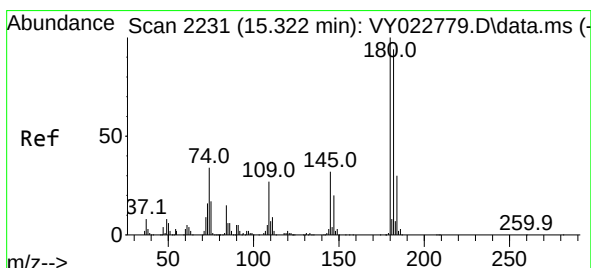
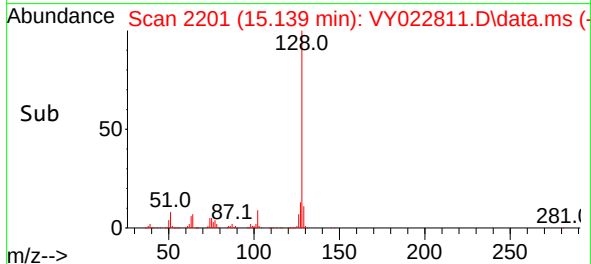
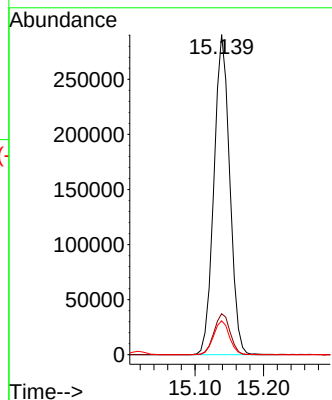
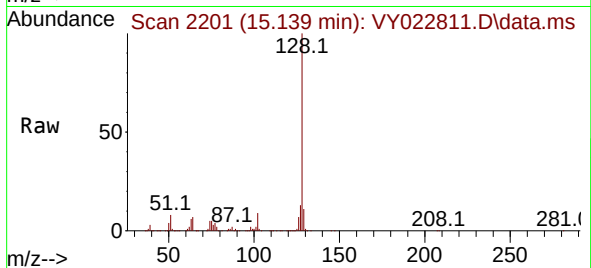
Tgt Ion:128 Resp: 464287

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.7 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 48.245 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY022811.D

Acq: 25 Jun 2025 09:13

Tgt Ion:180 Resp: 221282

Ion Ratio Lower Upper

180 100

182 93.8 47.1 141.3

145 31.3 15.2 45.6

