

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121625\  
 Data File : VW032654.D  
 Acq On : 16 Dec 2025 14:10  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Dec 17 00:40:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 00:33:11 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 373258   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 658699   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 597814   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 285950   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.313  | 65    | 206501   | 38.566   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 77.140% |
| 35) Dibromofluoromethane    | 7.898  | 113   | 173208   | 40.464   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 80.920% |
| 50) Toluene-d8              | 10.325 | 98    | 646936   | 40.108   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 80.220% |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 242784   | 40.923   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 81.840% |

|                              |       |     |         |         |        |     |
|------------------------------|-------|-----|---------|---------|--------|-----|
| Target Compounds             |       |     |         |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.040 | 85  | 86073   | 39.629  | ug/l   | 99  |
| 3) Chloromethane             | 2.253 | 50  | 146150  | 37.913  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.399 | 62  | 199260  | 40.796  | ug/l   | 98  |
| 5) Bromomethane              | 2.820 | 94  | 133727  | 41.898  | ug/l   | 99  |
| 6) Chloroethane              | 2.966 | 64  | 135331  | 42.939  | ug/l   | 98  |
| 7) Trichlorofluoromethane    | 3.302 | 101 | 186219  | 43.616  | ug/l   | 97  |
| 8) Diethyl Ether             | 3.716 | 74  | 113439  | 41.945  | ug/l   | 99  |
| 9) 1,1,2-Trichlorotrifluo... | 4.106 | 101 | 184645  | 43.436  | ug/l   | 97  |
| 10) Methyl Iodide            | 4.301 | 142 | 255010  | 42.470  | ug/l   | 100 |
| 11) Tert butyl alcohol       | 5.216 | 59  | 67919   | 192.140 | ug/l   | 100 |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 188299  | 42.170  | ug/l   | 94  |
| 13) Acrolein                 | 3.930 | 56  | 101432  | 200.814 | ug/l   | 99  |
| 14) Allyl chloride           | 4.710 | 41  | 353696  | 43.564  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.405 | 53  | 304396  | 204.518 | ug/l   | 100 |
| 16) Acetone                  | 4.155 | 43  | 326507  | 177.534 | ug/l   | 100 |
| 17) Carbon Disulfide         | 4.417 | 76  | 536581  | 42.728  | ug/l   | 98  |
| 18) Methyl Acetate           | 4.704 | 43  | 151914  | 43.088  | ug/l   | 99  |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 391836  | 42.976  | ug/l   | 98  |
| 20) Methylene Chloride       | 4.948 | 84  | 230617  | 45.641  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 206129  | 42.680  | ug/l   | 97  |
| 22) Diisopropyl ether        | 6.338 | 45  | 730379  | 44.655  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.283 | 43  | 2373544 | 218.526 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.246 | 63  | 413215  | 43.529  | ug/l   | 100 |
| 25) 2-Butanone               | 7.191 | 43  | 423786  | 202.720 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 244004  | 42.939  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 250565  | 44.382  | ug/l   | 100 |
| 28) Bromochloromethane       | 7.526 | 49  | 207019  | 57.627  | ug/l   | 99  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 260338  | 206.769 | ug/l   | 99  |
| 30) Chloroform               | 7.691 | 83  | 409582  | 43.350  | ug/l   | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 363961  | 41.357  | ug/l   | 97  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 312268  | 43.395  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.100 | 75  | 295922  | 44.641  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.270 | 43  | 180617  | 41.028  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 273267  | 43.548  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.343 | 83  | 364414  | 43.897  | ug/l   | 92  |
| 40) Benzene                  | 8.337 | 78  | 875605  | 43.974  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121625\  
 Data File : VW032654.D  
 Acq On : 16 Dec 2025 14:10  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Quant Time: Dec 17 00:40:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 00:33:11 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 103608   | 42.455  | ug/l   | 97       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 277018   | 43.966  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 327699   | 42.758  | ug/l   | 99       |
| 44) Trichloroethene           | 9.099  | 130  | 201114   | 43.670  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 224315   | 44.172  | ug/l   | 95       |
| 46) Dibromomethane            | 9.465  | 93   | 128965   | 44.145  | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.648  | 83   | 305660   | 44.394  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.441  | 41   | 152098   | 41.221  | ug/l   | 99       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 31612    | 852.871 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 903924   | 209.997 | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 556693   | 45.403  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.605 | 75   | 295241   | 44.072  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 347562   | 44.611  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 170829   | 43.131  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 247595   | 45.015  | ug/l   | 99       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 305813   | 43.586  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 525735   | 191.928 | ug/l   | 99       |
| 59) 2-Hexanone                | 10.971 | 43   | 645703   | 208.231 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.129 | 129  | 197457   | 44.989  | ug/l   | 95       |
| 61) 1,2-Dibromoethane         | 11.233 | 107  | 168947   | 44.749  | ug/l   | 98       |
| 64) Tetrachloroethene         | 10.867 | 164  | 167674   | 43.966  | ug/l   | 92       |
| 65) Chlorobenzene             | 11.654 | 112  | 575794   | 42.380  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 184048   | 44.252  | ug/l   | 93       |
| 67) Ethyl Benzene             | 11.727 | 91   | 1072328  | 46.177  | ug/l   | 96       |
| 68) m/p-Xylenes               | 11.837 | 106  | 802123   | 90.562  | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 373466   | 46.155  | ug/l   | 97       |
| 70) Styrene                   | 12.178 | 104  | 649841   | 46.093  | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 101145   | 43.527  | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.459 | 105  | 951866   | 44.240  | ug/l   | 100      |
| 74) N-amyl acetate            | 12.270 | 43   | 297522   | 42.326  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 211399   | 41.340  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 153494m  | 23.500  | ug/l   |          |
| 77) Bromobenzene              | 12.745 | 156  | 213564   | 43.078  | ug/l   | 96       |
| 78) n-propylbenzene           | 12.800 | 91   | 1222551  | 44.845  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 709124   | 43.668  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 802037   | 44.713  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 71116    | 42.638  | ug/l   | 97       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 747177   | 43.329  | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 704318   | 45.750  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 800649   | 43.931  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.379 | 105  | 1042544  | 44.387  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 872940   | 45.388  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 435747   | 43.670  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 422282   | 42.127  | ug/l   | 97       |
| 89) n-Butylbenzene            | 13.818 | 91   | 847978   | 43.843  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.092 | 117  | 157101   | 43.461  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 399062   | 44.179  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.483 | 75   | 34411    | 39.104  | ug/l   | 99       |
| 93) 1,2,4-Trichlorobenzene    | 15.123 | 180  | 224494   | 41.986  | ug/l   | 94       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 98081    | 39.253  | ug/l   | 88       |
| 95) Naphthalene               | 15.360 | 128  | 549462   | 43.713  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 220433   | 45.887  | ug/l   | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121625\  
Data File : VW032654.D  
Acq On : 16 Dec 2025 14:10  
Operator : SY/MD  
Sample : VSTDICCC050  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

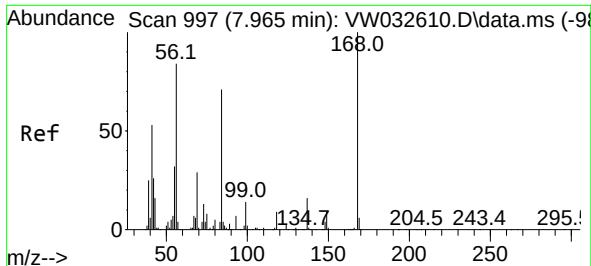
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Quant Time: Dec 17 00:40:04 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 17 00:33:11 2025  
Response via : Initial Calibration

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

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

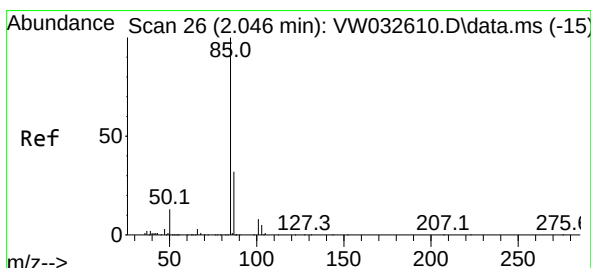
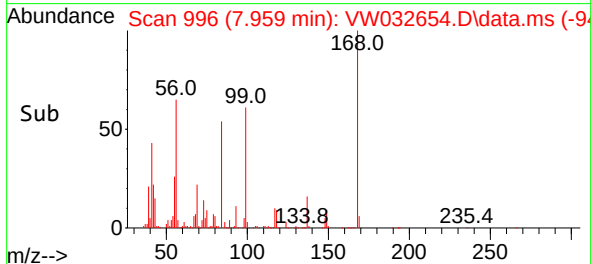
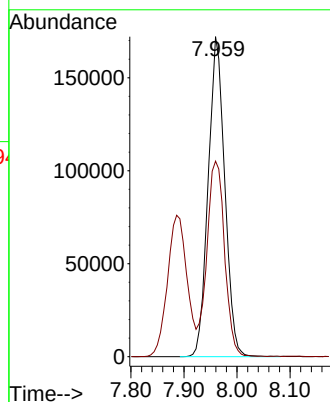
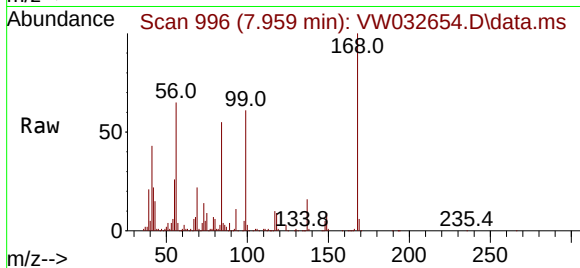




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

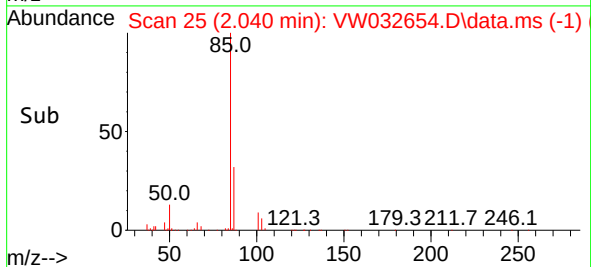
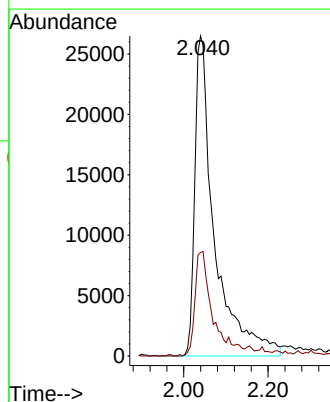
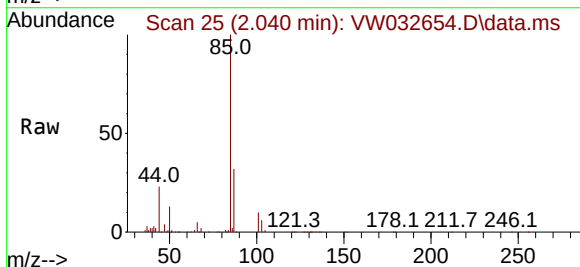
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

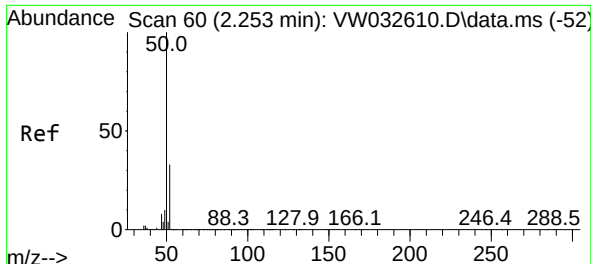
Tgt Ion:168 Resp: 373258  
Ion Ratio Lower Upper  
168 100  
99 61.0 47.8 71.8



#2  
Dichlorodifluoromethane  
Concen: 39.629 ug/l  
RT: 2.040 min Scan# 25  
Delta R.T. -0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 85 Resp: 86073  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.1 48.3

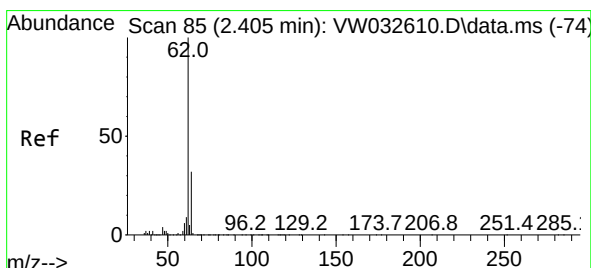
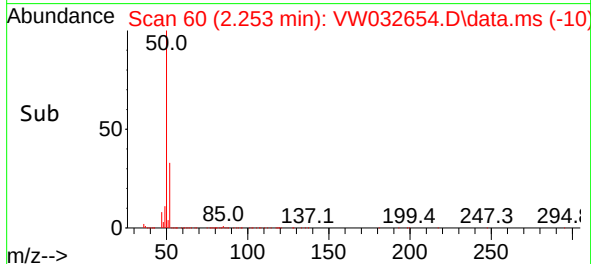
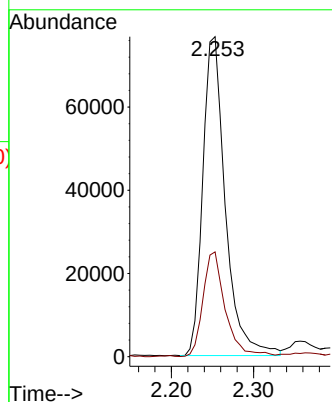
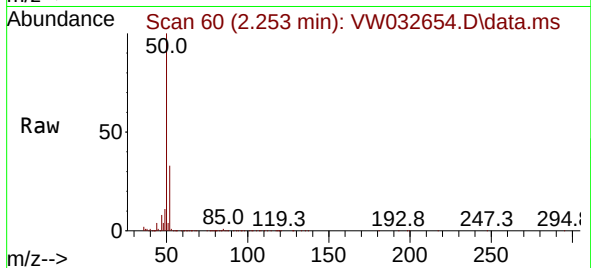




#3  
Chloromethane  
Concen: 37.913 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

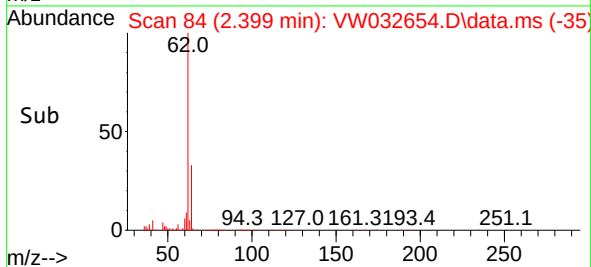
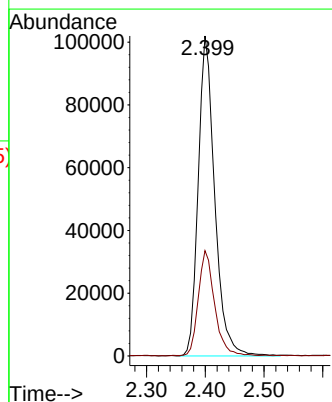
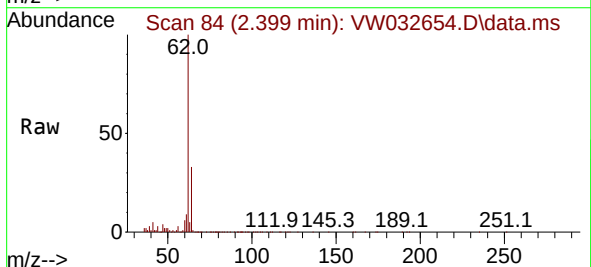
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

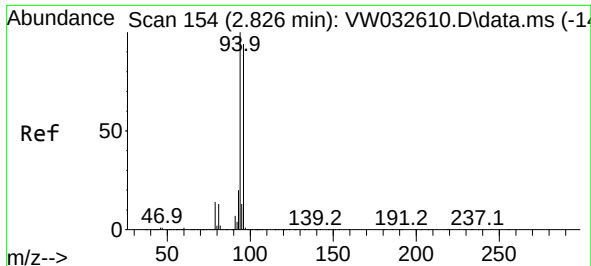
Tgt Ion: 50 Resp: 146150  
Ion Ratio Lower Upper  
50 100  
52 32.8 26.6 40.0



#4  
Vinyl Chloride  
Concen: 40.796 ug/l  
RT: 2.399 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 62 Resp: 199260  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.3 37.9

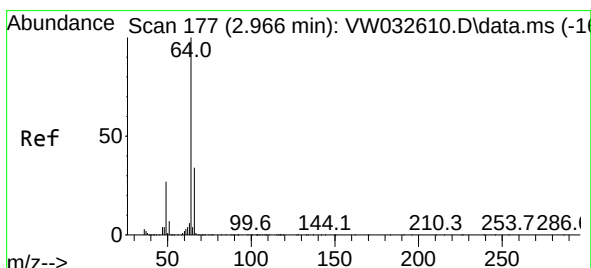
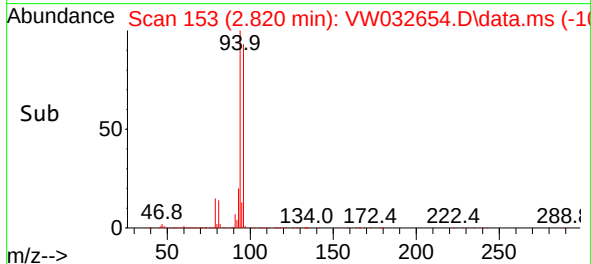
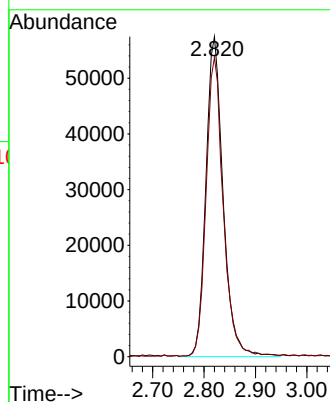
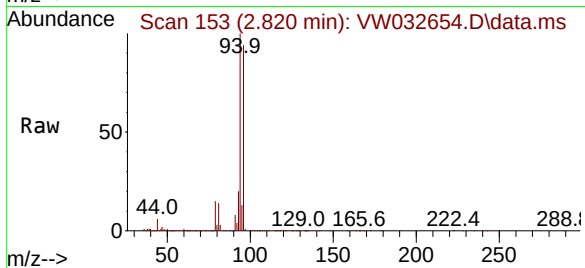




#5  
Bromomethane  
Concen: 41.898 ug/l  
RT: 2.820 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

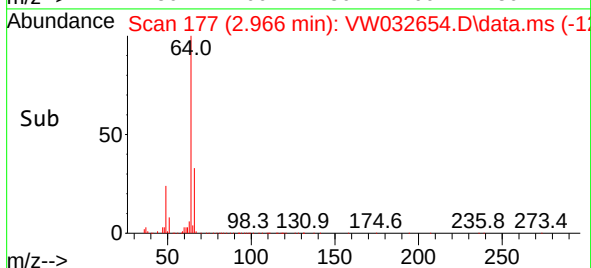
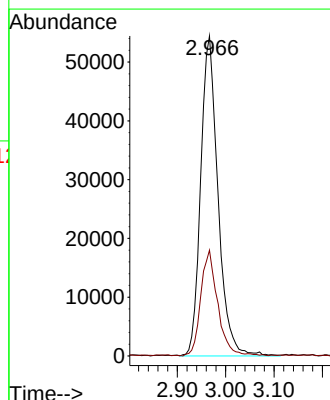
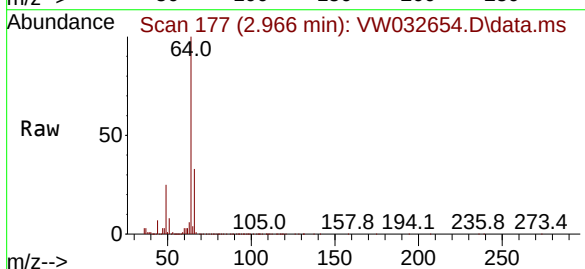
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

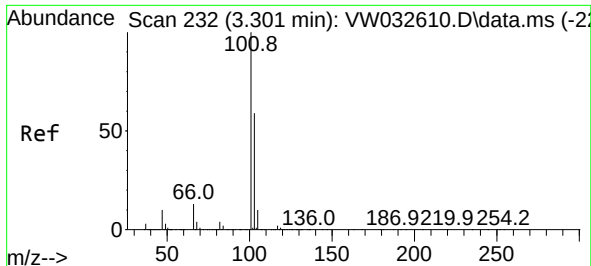
Tgt Ion: 94 Resp: 133727  
Ion Ratio Lower Upper  
94 100  
96 93.4 75.4 113.2



#6  
Chloroethane  
Concen: 42.939 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 64 Resp: 135331  
Ion Ratio Lower Upper  
64 100  
66 32.9 27.3 40.9

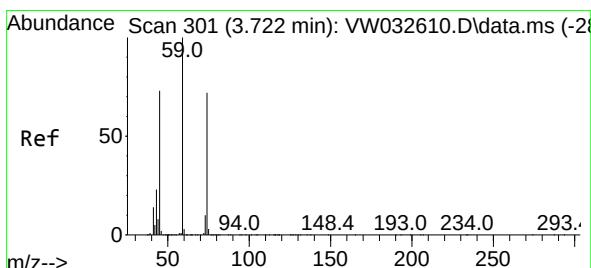
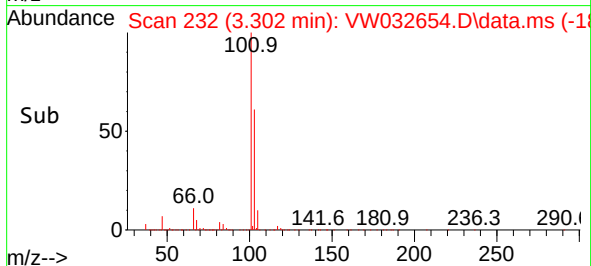
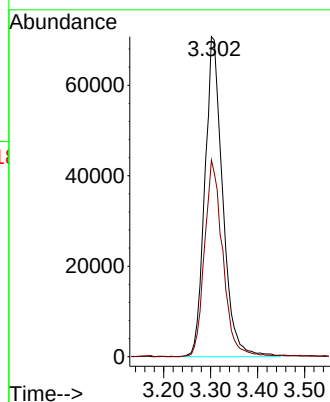
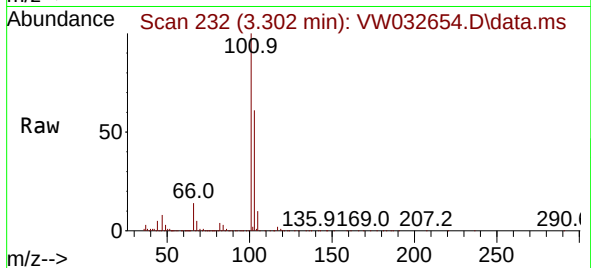




#7  
 Trichlorofluoromethane  
 Concen: 43.616 ug/l  
 RT: 3.302 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

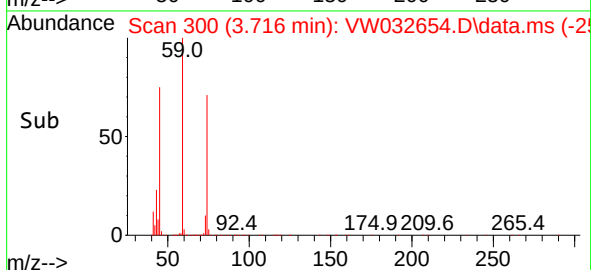
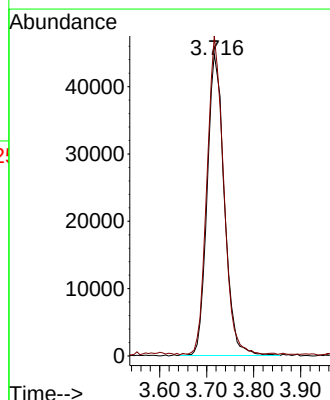
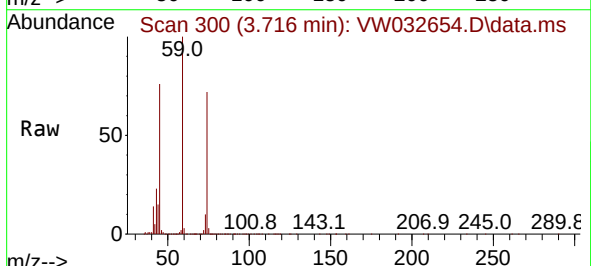
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:101 Resp: 186219  
 Ion Ratio Lower Upper  
 101 100  
 103 61.4 47.3 70.9

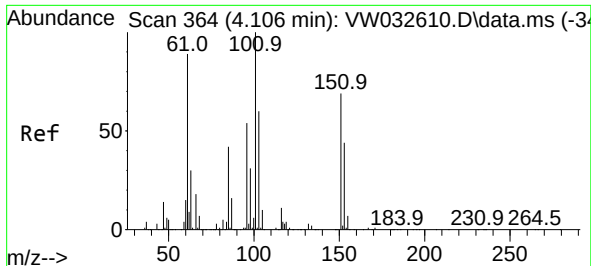


#8  
 Diethyl Ether  
 Concen: 41.945 ug/l  
 RT: 3.716 min Scan# 300  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion: 74 Resp: 113439  
 Ion Ratio Lower Upper  
 74 100  
 45 103.3 52.4 157.2



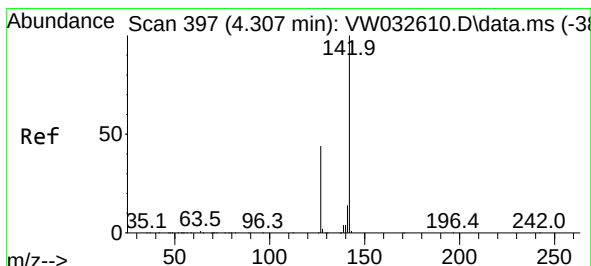
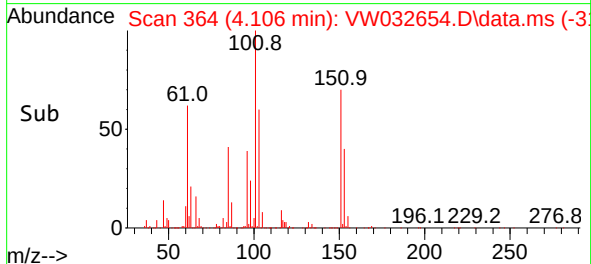
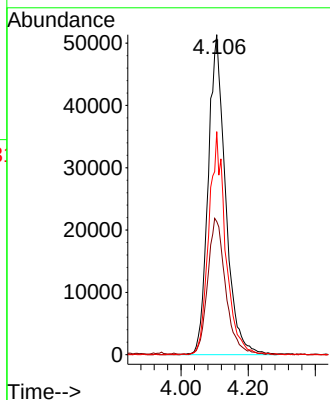
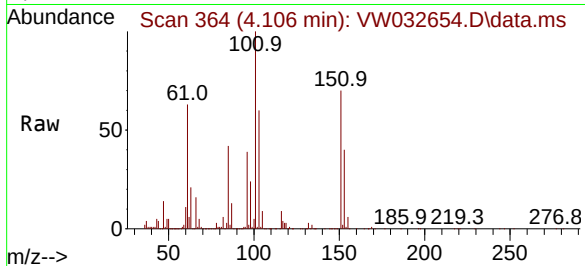




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 43.436 ug/l  
RT: 4.106 min Scan# 30  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

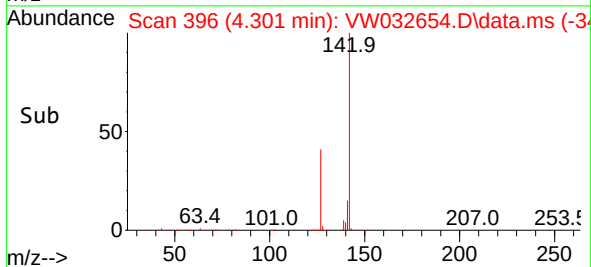
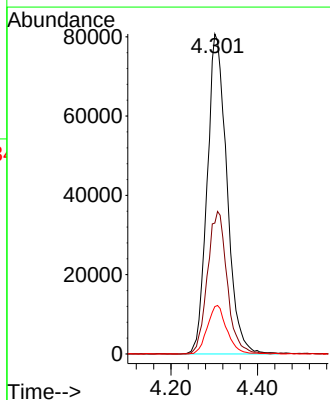
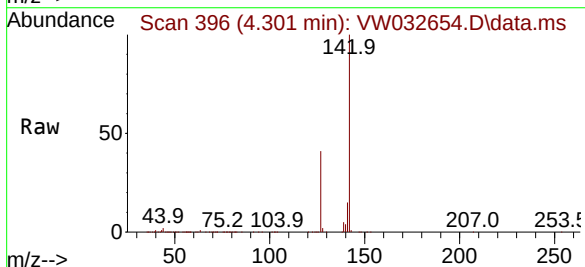
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MSVOA\_W  
ClientSampleId :  
VSTDICCC050

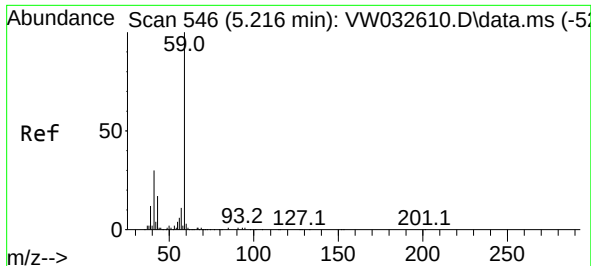
Tgt Ion:101 Resp: 184645  
Ion Ratio Lower Upper  
101 100  
85 44.0 35.4 53.2  
151 67.2 56.7 85.1



#10  
Methyl Iodide  
Concen: 42.470 ug/l  
RT: 4.301 min Scan# 396  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion:142 Resp: 255010  
Ion Ratio Lower Upper  
142 100  
127 44.8 36.0 54.0  
141 15.0 11.6 17.4

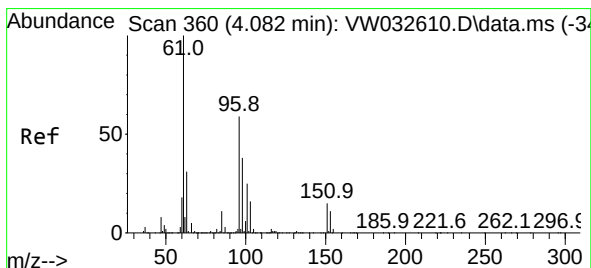
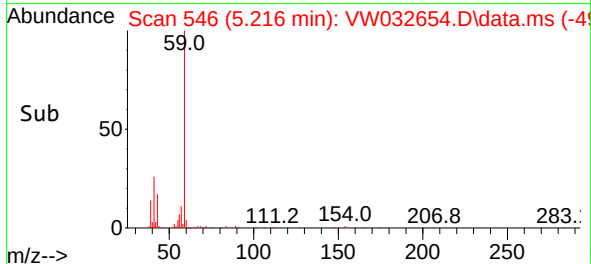
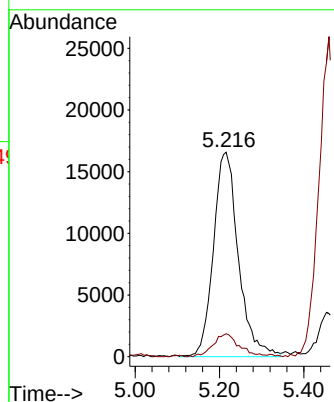
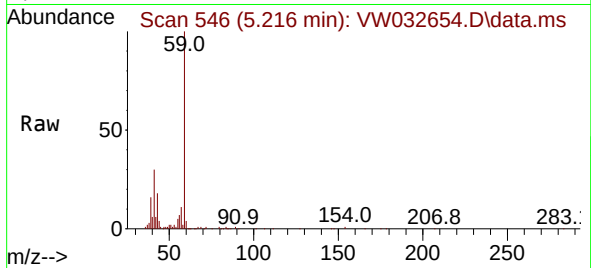




#11  
Tert butyl alcohol  
Concen: 192.140 ug/l  
RT: 5.216 min Scan# 546  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

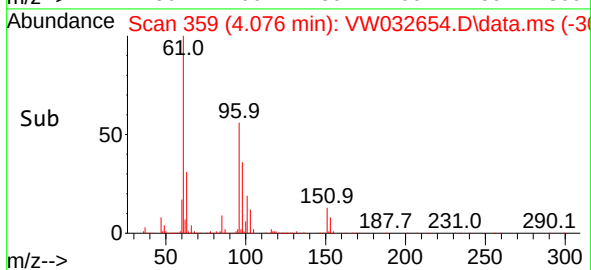
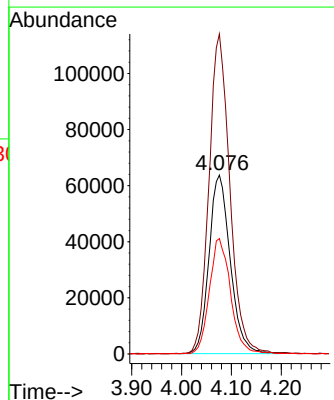
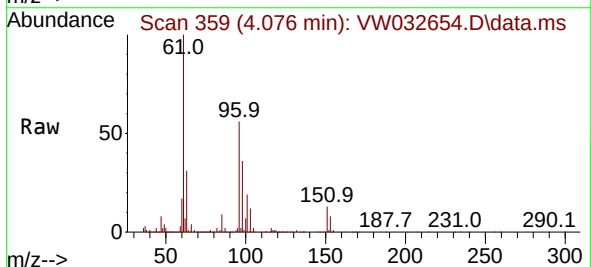
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

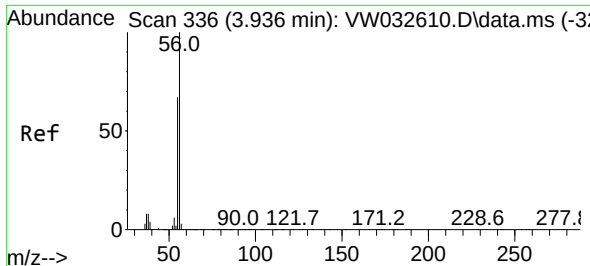
Tgt Ion: 59 Resp: 67919  
Ion Ratio Lower Upper  
59 100  
57 11.7 9.4 14.0



#12  
1,1-Dichloroethene  
Concen: 42.170 ug/l  
RT: 4.076 min Scan# 359  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 96 Resp: 188299  
Ion Ratio Lower Upper  
96 100  
61 179.1 134.6 202.0  
98 64.3 51.1 76.7

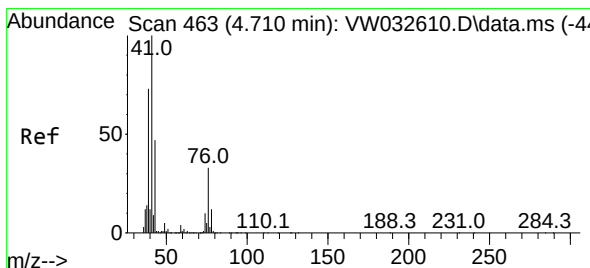
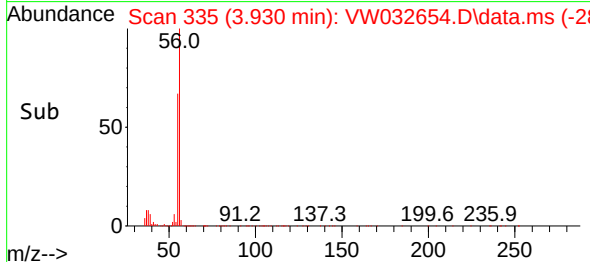
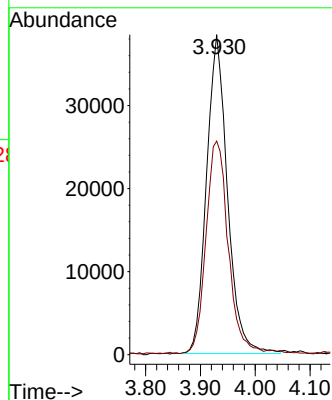
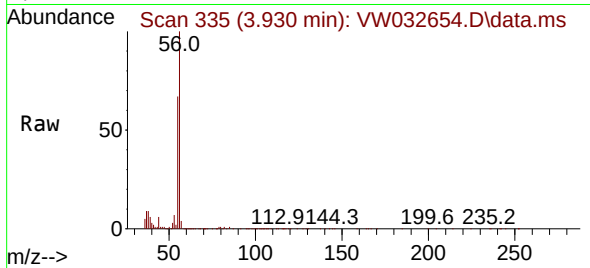




#13  
Acrolein  
Concen: 200.814 ug/l  
RT: 3.930 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

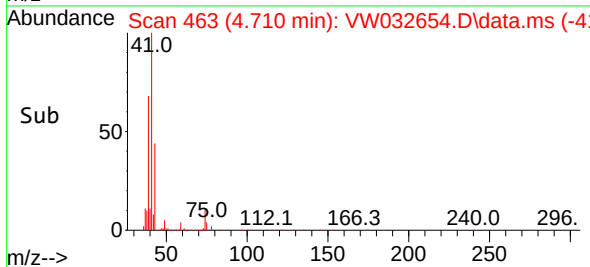
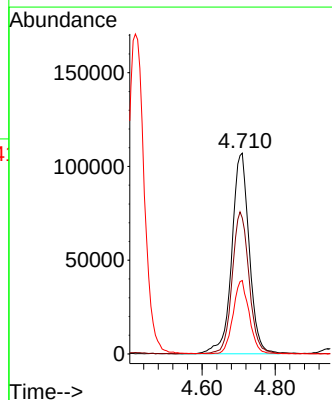
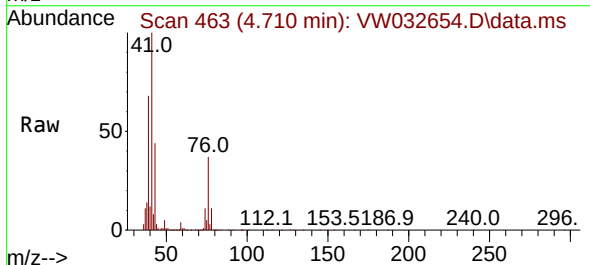
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

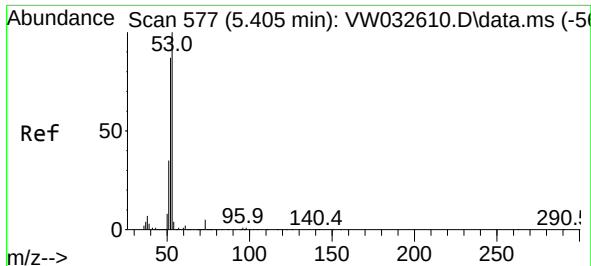
Tgt Ion: 56 Resp: 101432  
Ion Ratio Lower Upper  
56 100  
55 70.6 56.0 84.0



#14  
Allyl chloride  
Concen: 43.564 ug/l  
RT: 4.710 min Scan# 463  
Delta R.T. 0.012 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 41 Resp: 353696  
Ion Ratio Lower Upper  
41 100  
39 68.6 54.2 81.2  
76 33.8 26.3 39.5

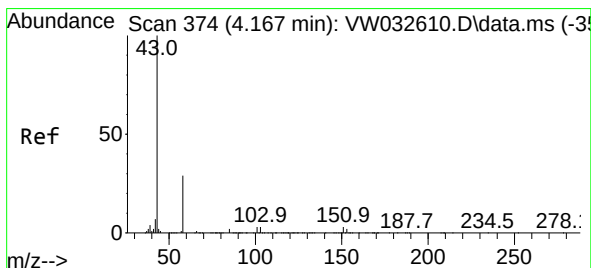
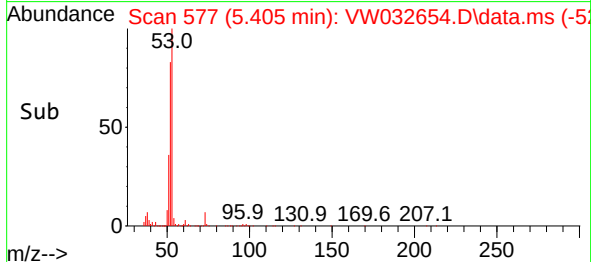
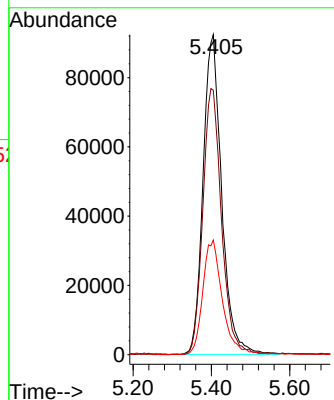
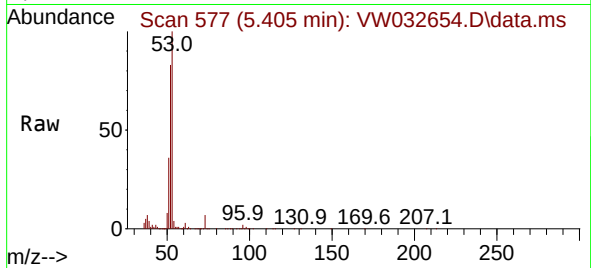




#15  
Acrylonitrile  
Concen: 204.518 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

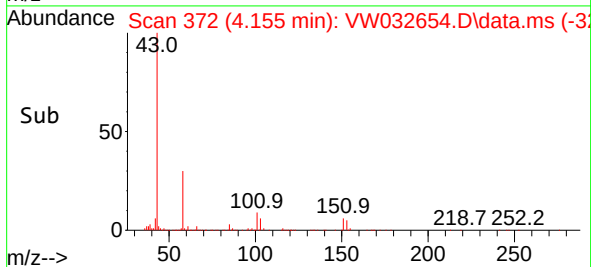
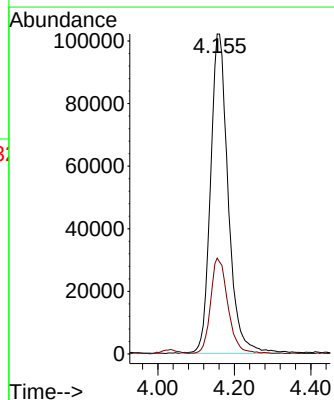
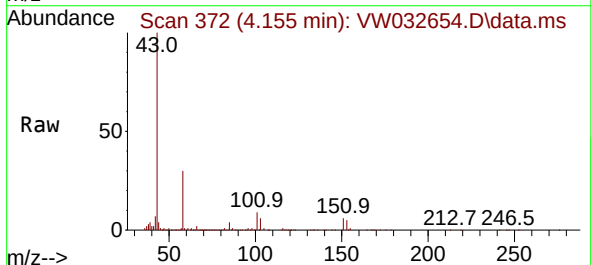
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

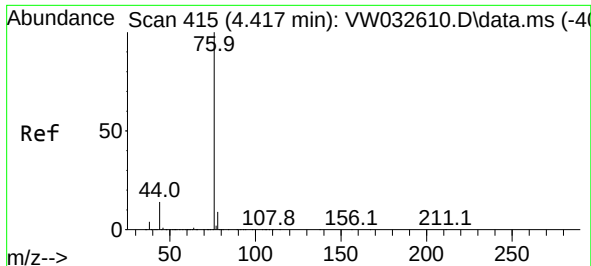
Tgt Ion: 53 Resp: 304396  
Ion Ratio Lower Upper  
53 100  
52 83.4 66.7 100.1  
51 37.4 29.8 44.6



#16  
Acetone  
Concen: 177.534 ug/l  
RT: 4.155 min Scan# 372  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 326507  
Ion Ratio Lower Upper  
43 100  
58 29.7 23.9 35.9

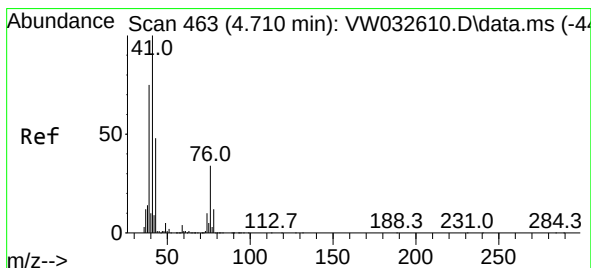
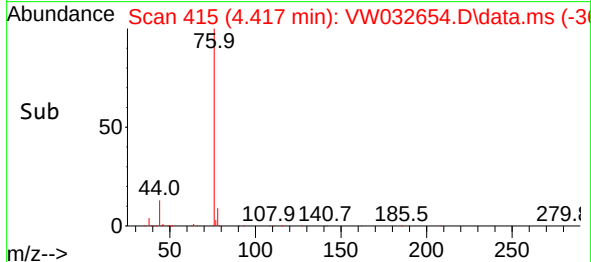
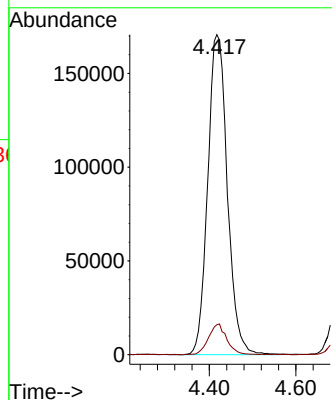
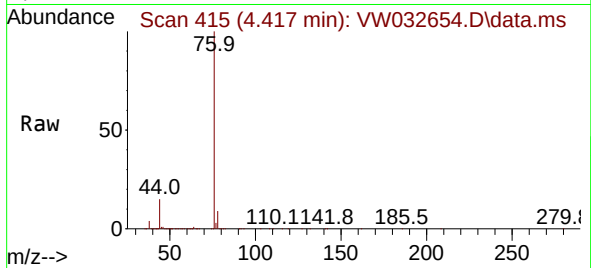




#17  
Carbon Disulfide  
Concen: 42.728 ug/l  
RT: 4.417 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

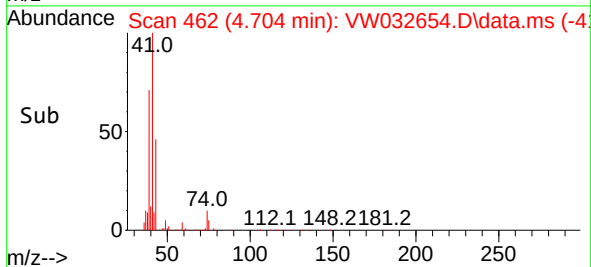
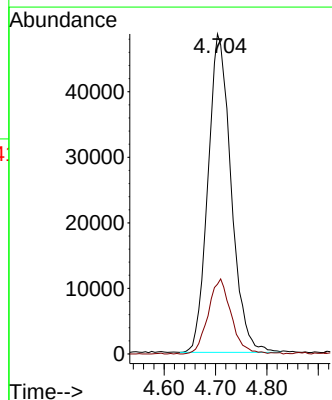
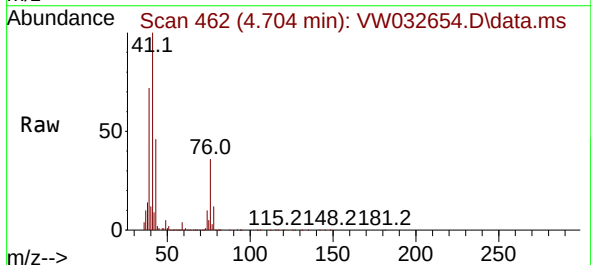
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

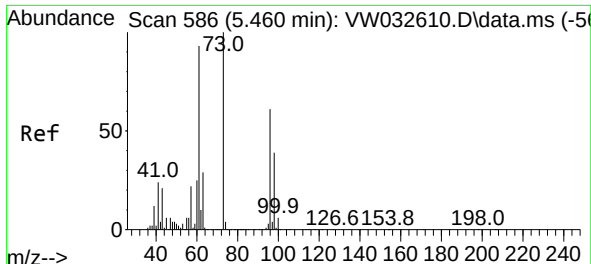
Tgt Ion: 76 Resp: 536581  
Ion Ratio Lower Upper  
76 100  
78 9.3 6.8 10.2



#18  
Methyl Acetate  
Concen: 43.088 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 151914  
Ion Ratio Lower Upper  
43 100  
74 23.4 18.2 27.4

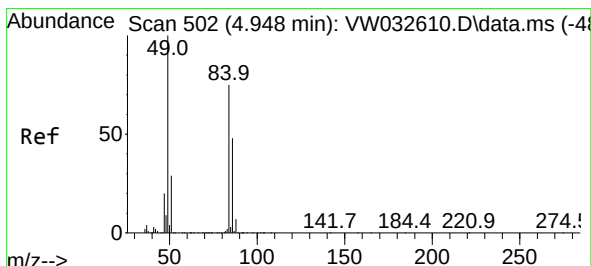
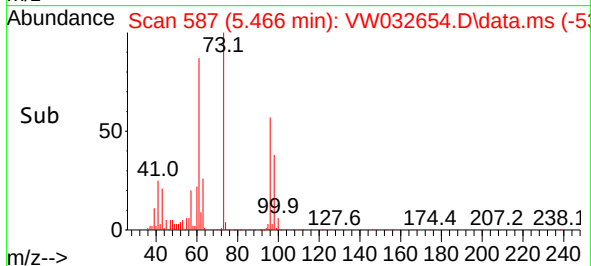
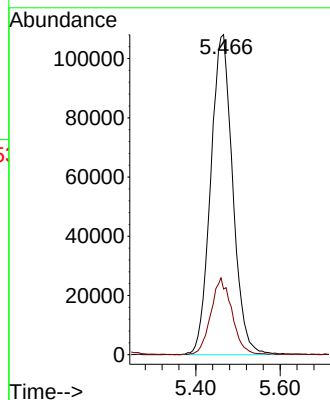
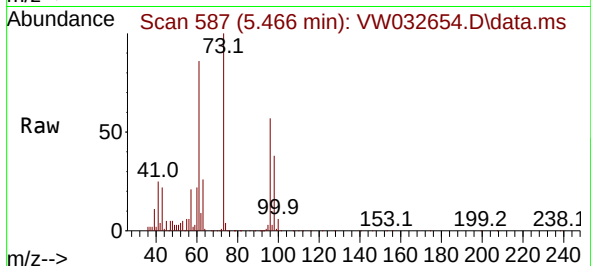




#19  
Methyl tert-butyl Ether  
Concen: 42.976 ug/l  
RT: 5.466 min Scan# 518  
Delta R.T. 0.012 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

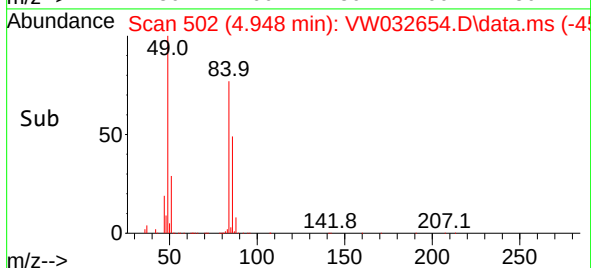
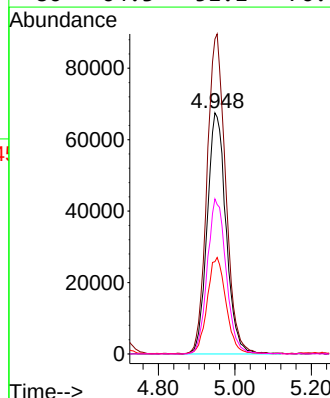
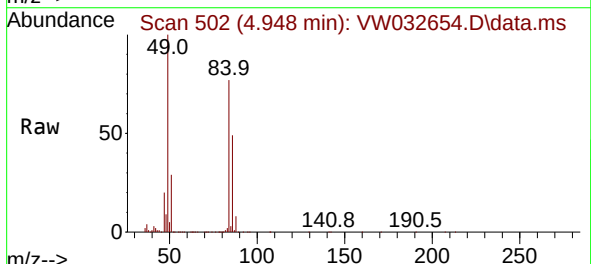
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

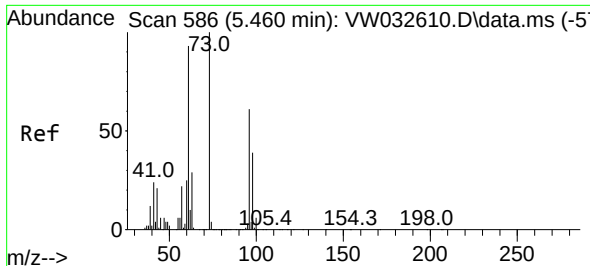
Tgt Ion: 73 Resp: 391836  
Ion Ratio Lower Upper  
73 100  
57 20.5 17.3 25.9



#20  
Methylene Chloride  
Concen: 45.641 ug/l  
RT: 4.948 min Scan# 502  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 84 Resp: 230617  
Ion Ratio Lower Upper  
84 100  
49 130.3 106.9 160.3  
51 38.3 31.4 47.2  
86 64.3 51.1 76.7

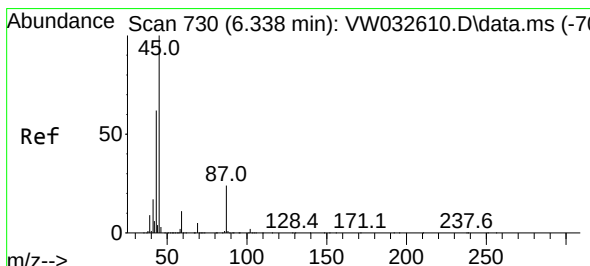
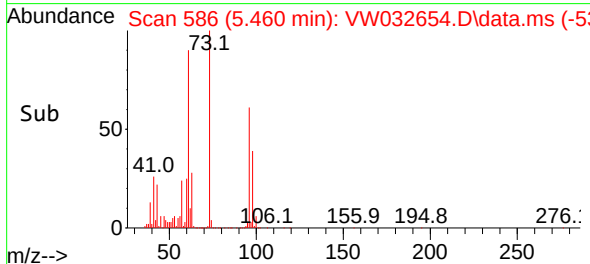
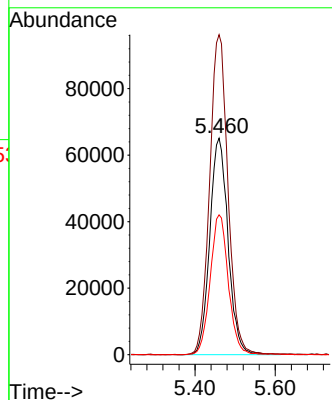
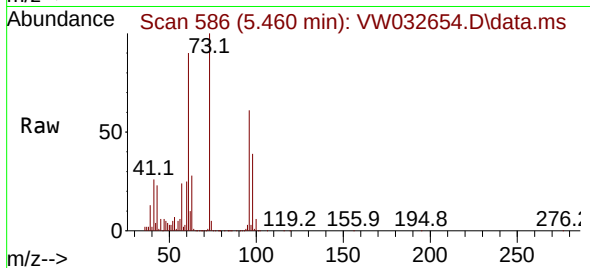




#21  
trans-1,2-Dichloroethene  
Concen: 42.680 ug/l  
RT: 5.460 min Scan# 586  
Delta R.T. 0.012 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

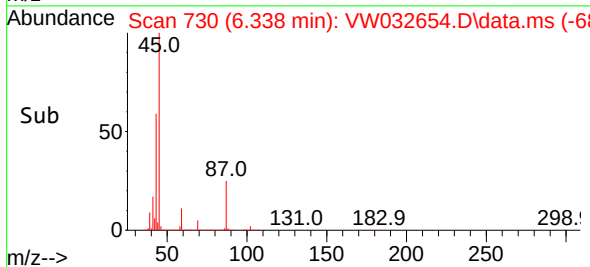
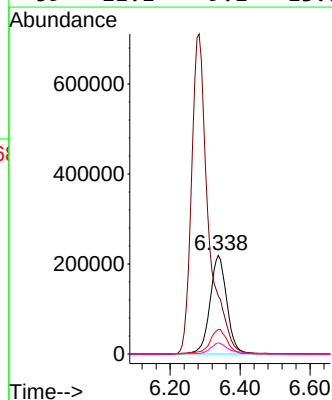
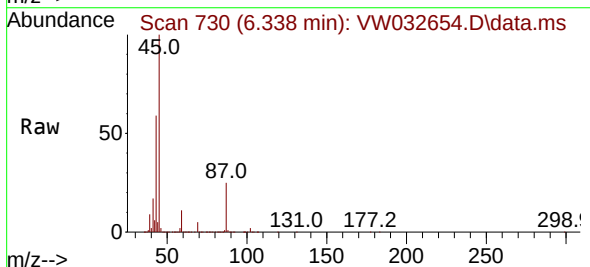
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

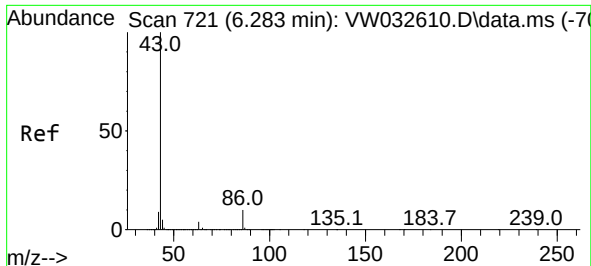
Tgt Ion: 96 Resp: 206129  
Ion Ratio Lower Upper  
96 100  
61 148.0 121.7 182.5  
98 64.7 50.6 76.0



#22  
Diisopropyl ether  
Concen: 44.655 ug/l  
RT: 6.338 min Scan# 730  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 45 Resp: 730379  
Ion Ratio Lower Upper  
45 100  
43 58.5 49.1 73.7  
87 24.8 19.7 29.5  
59 11.1 9.1 13.7

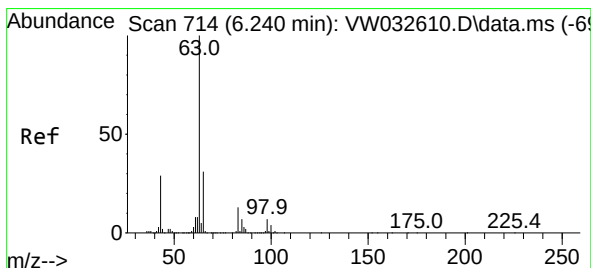
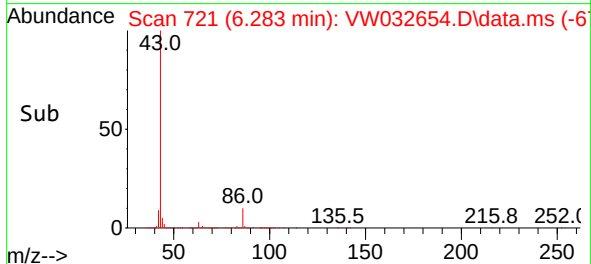
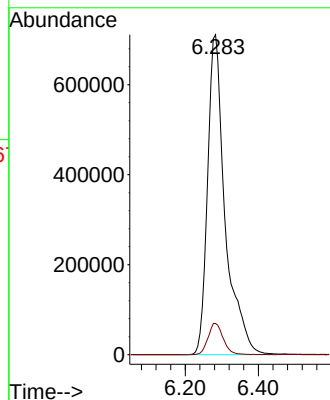
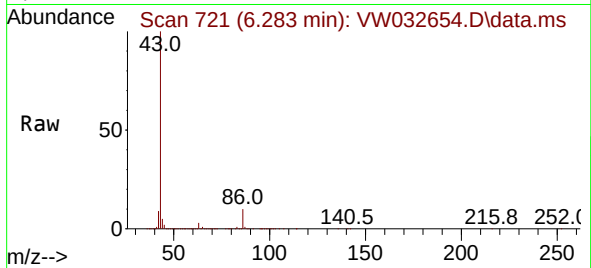




#23  
 Vinyl Acetate  
 Concen: 218.526 ug/l  
 RT: 6.283 min Scan# 715  
 Delta R.T. 0.006 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

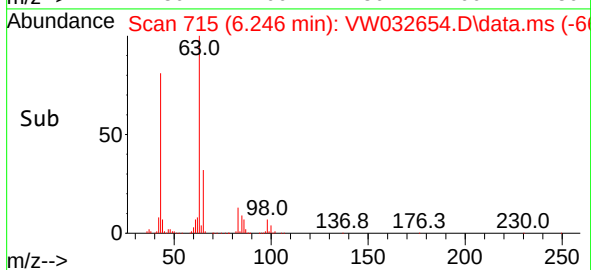
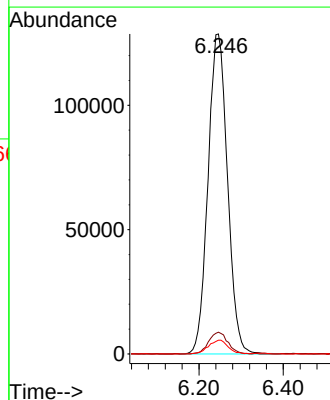
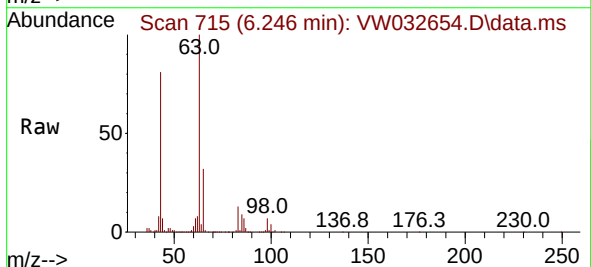
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion: 43 Resp: 2373544  
 Ion Ratio Lower Upper  
 43 100  
 86 9.7 8.0 12.0

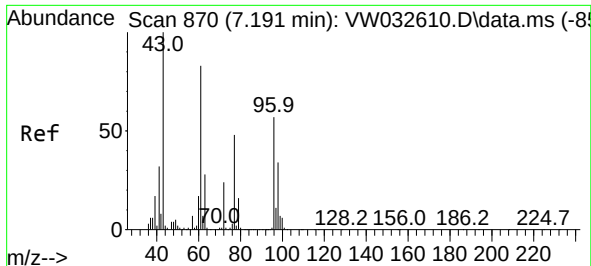


#24  
 1,1-Dichloroethane  
 Concen: 43.529 ug/l  
 RT: 6.246 min Scan# 715  
 Delta R.T. 0.006 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion: 63 Resp: 413215  
 Ion Ratio Lower Upper  
 63 100  
 98 6.8 3.5 10.4  
 100 4.3 2.1 6.5



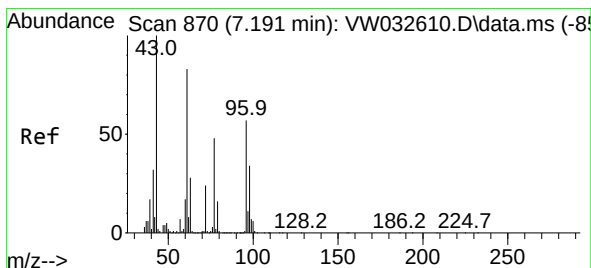
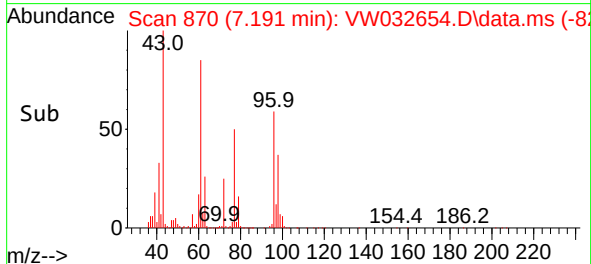
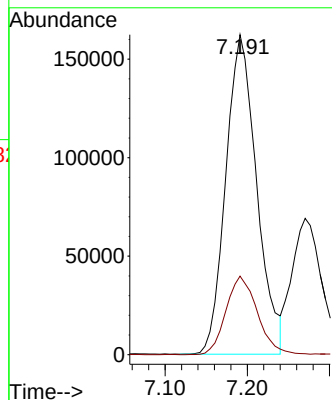
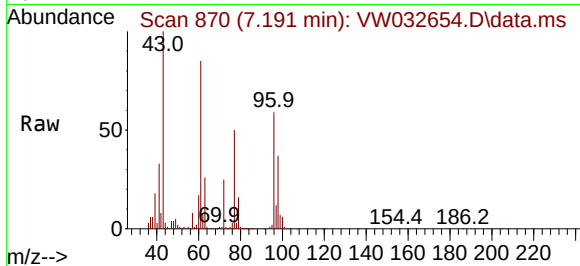




#25  
2-Butanone  
Concen: 202.720 ug/l  
RT: 7.191 min Scan# 81  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

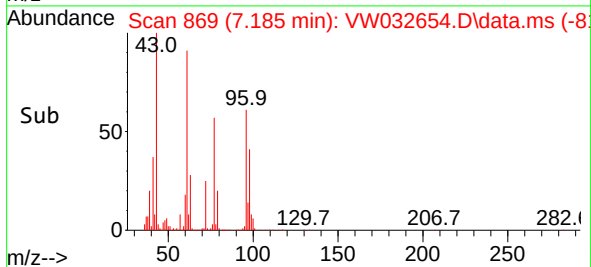
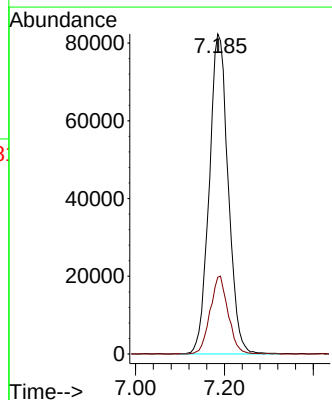
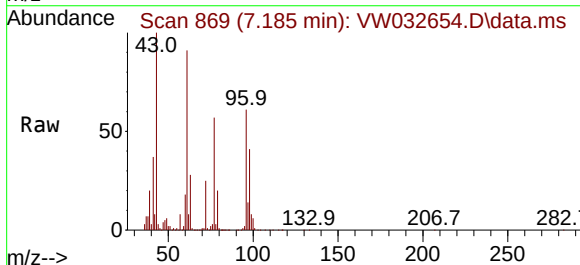
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

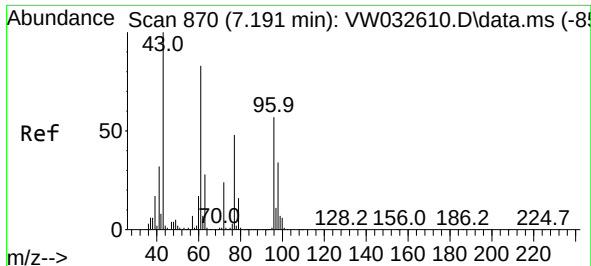
Tgt Ion: 43 Resp: 423786  
Ion Ratio Lower Upper  
43 100  
72 24.6 19.4 29.0



#26  
2,2-Dichloropropane  
Concen: 42.939 ug/l  
RT: 7.185 min Scan# 869  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 77 Resp: 244004  
Ion Ratio Lower Upper  
77 100  
97 23.1 11.3 33.9

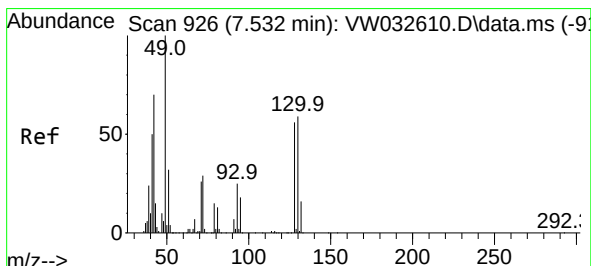
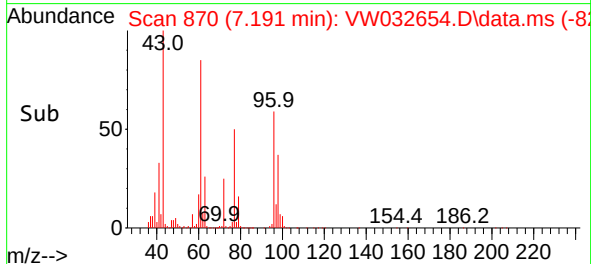
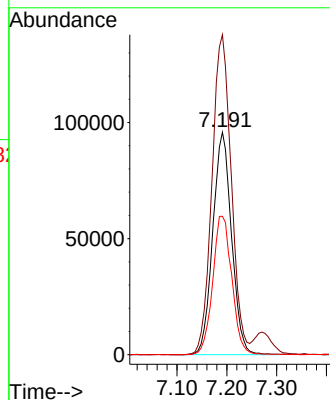
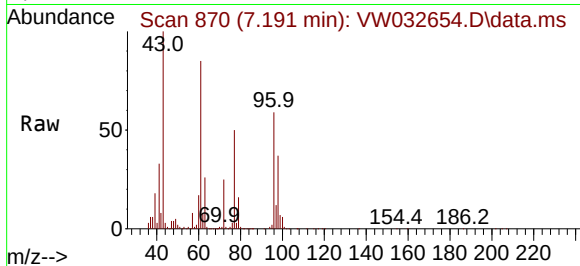




#27  
 cis-1,2-Dichloroethene  
 Concen: 44.382 ug/l  
 RT: 7.191 min Scan# 870  
 Delta R.T. 0.006 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

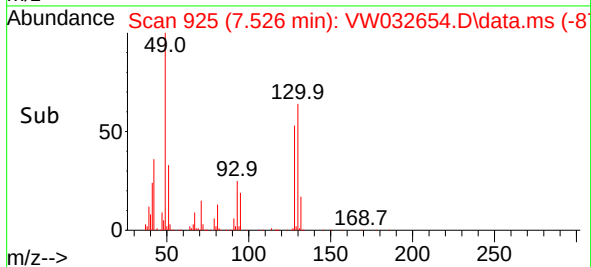
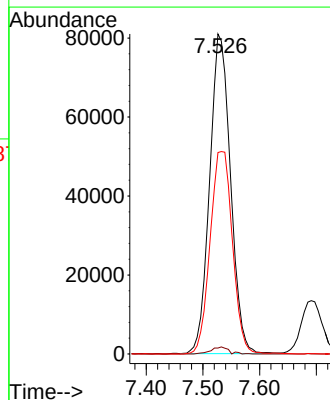
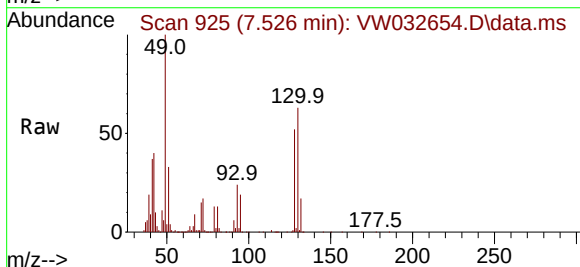
Instrument :  
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 ClientSampleId :  
 VSTDICCC050

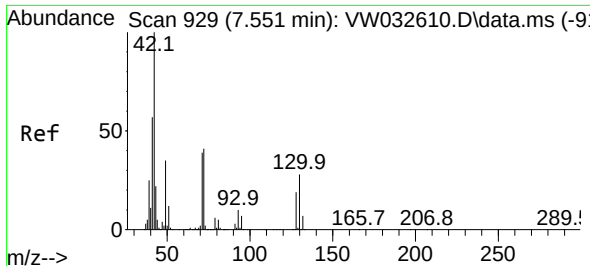
Tgt Ion: 96 Resp: 250565  
 Ion Ratio Lower Upper  
 96 100  
 61 148.1 0.0 295.8  
 98 63.4 0.0 127.2



#28  
 Bromochloromethane  
 Concen: 57.627 ug/l  
 RT: 7.526 min Scan# 925  
 Delta R.T. 0.006 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion: 49 Resp: 207019  
 Ion Ratio Lower Upper  
 49 100  
 129 1.9 0.0 3.6  
 130 67.8 53.3 79.9

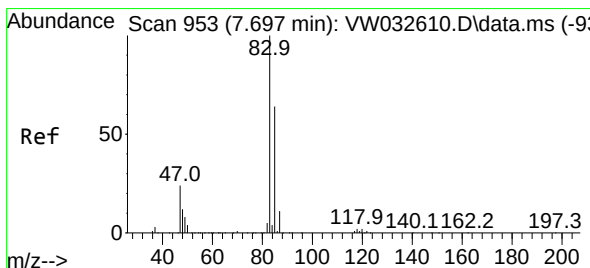
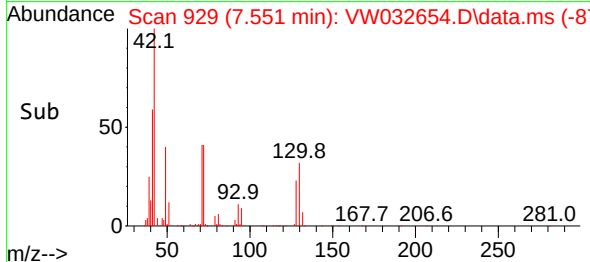
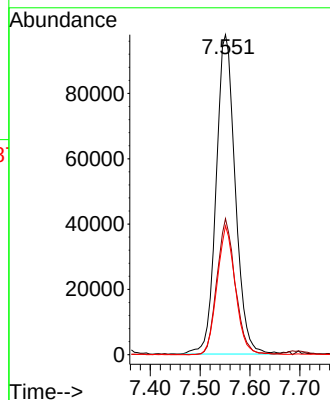
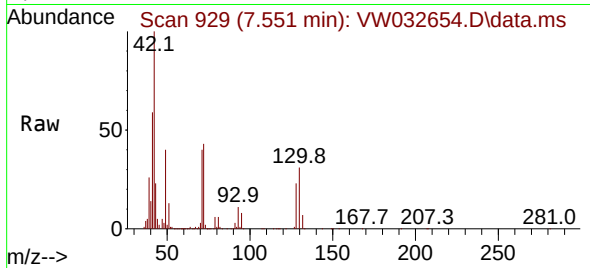




#29  
Tetrahydrofuran  
Concen: 206.769 ug/l  
RT: 7.551 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

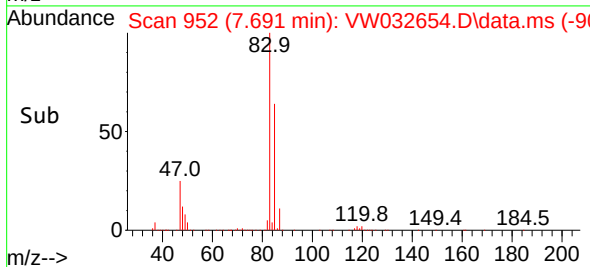
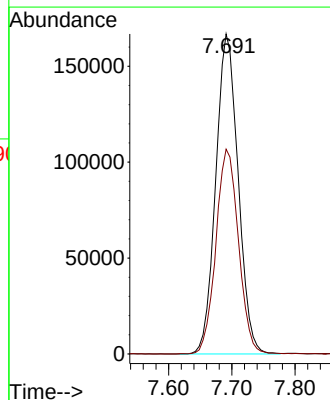
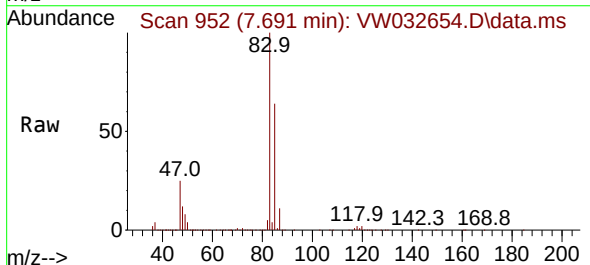
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

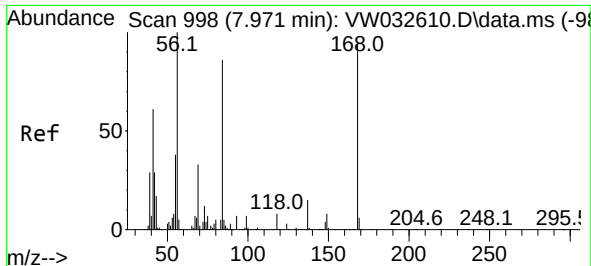
Tgt Ion: 42 Resp: 260338  
Ion Ratio Lower Upper  
42 100  
72 40.9 33.2 49.8  
71 38.6 30.7 46.1



#30  
Chloroform  
Concen: 43.350 ug/l  
RT: 7.691 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 83 Resp: 409582  
Ion Ratio Lower Upper  
83 100  
85 63.9 51.4 77.2

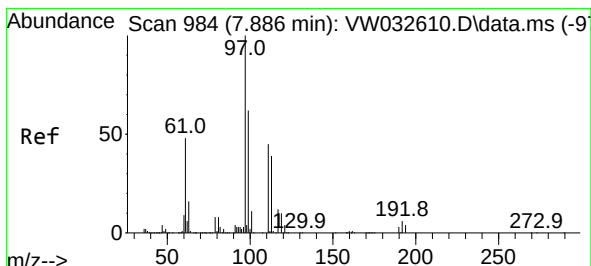
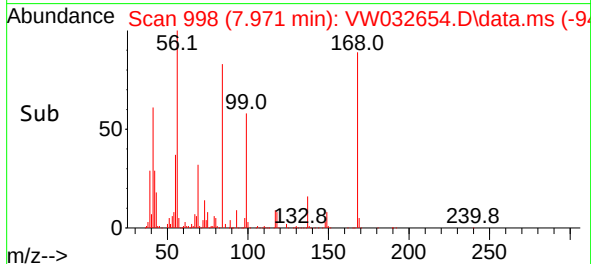
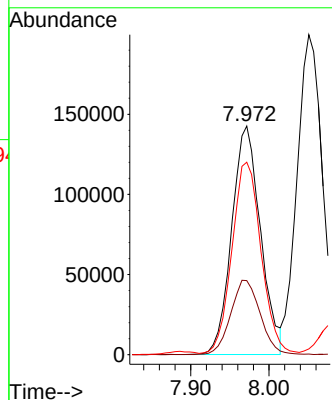
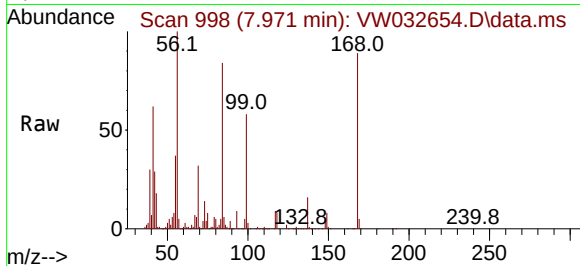




#31  
Cyclohexane  
Concen: 41.357 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

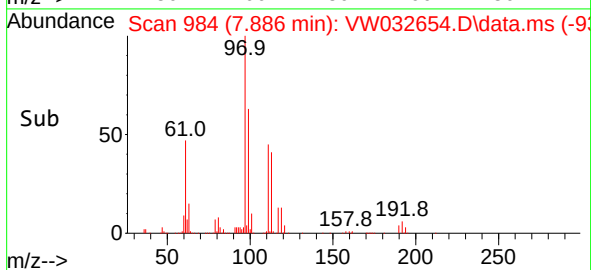
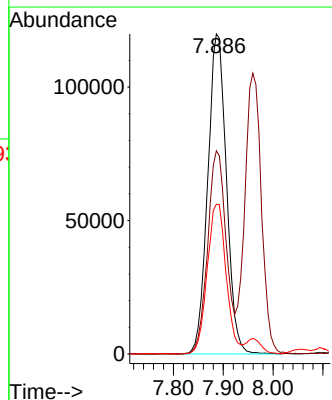
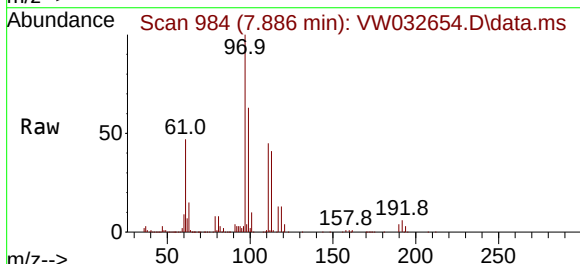
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

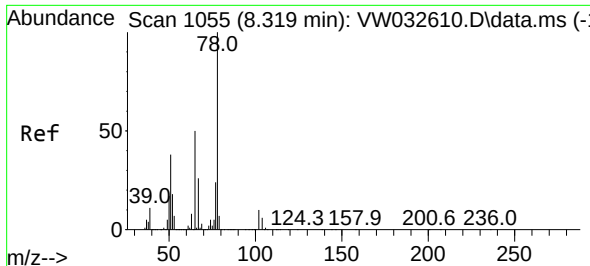
Tgt Ion: 56 Resp: 363961  
Ion Ratio Lower Upper  
56 100  
69 32.3 26.2 39.2  
84 82.7 68.9 103.3



#32  
1,1,1-Trichloroethane  
Concen: 43.395 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 97 Resp: 312268  
Ion Ratio Lower Upper  
97 100  
99 62.8 50.8 76.2  
61 47.5 37.8 56.8

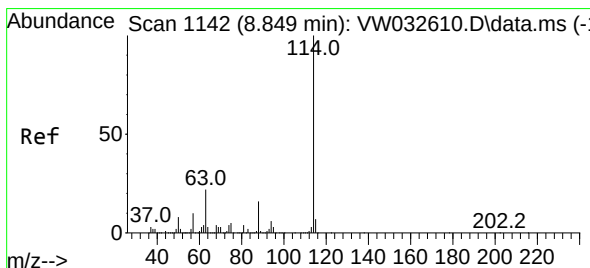
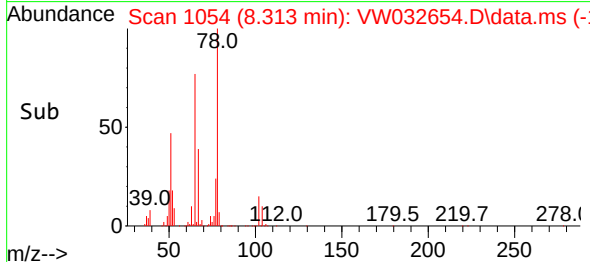
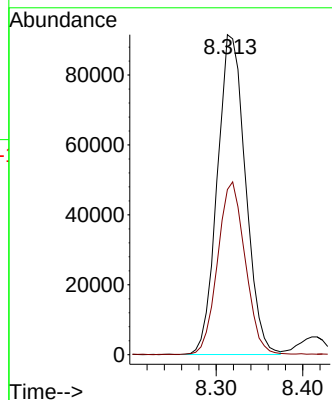
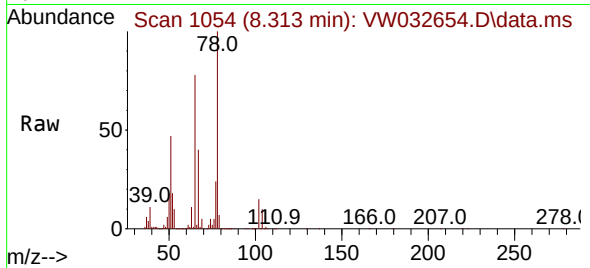




#33  
 1,2-Dichloroethane-d4  
 Concen: 38.566 ug/l  
 RT: 8.313 min Scan# 1054  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

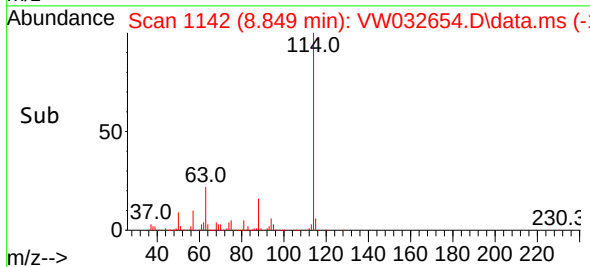
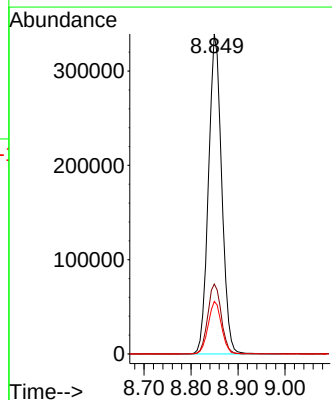
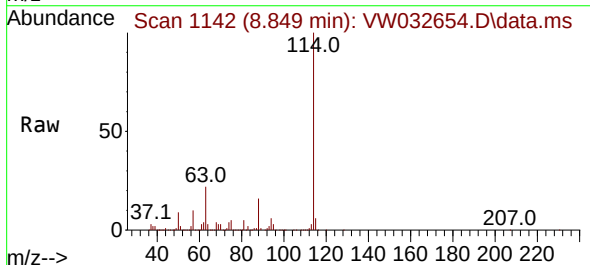
Instrument :  
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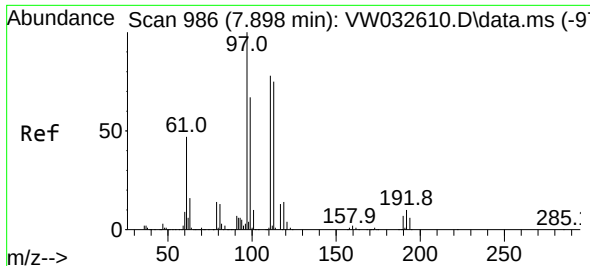
Tgt Ion: 65 Resp: 206501  
 Ion Ratio Lower Upper  
 65 100  
 67 52.8 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion: 114 Resp: 658699  
 Ion Ratio Lower Upper  
 114 100  
 63 21.8 0.0 44.6  
 88 16.4 0.0 31.8

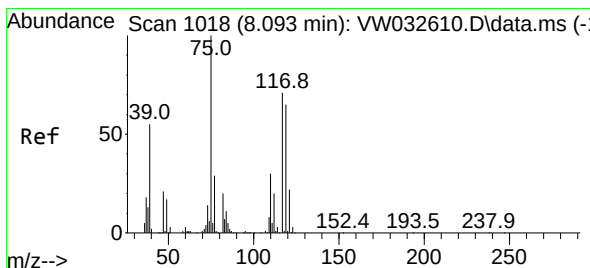
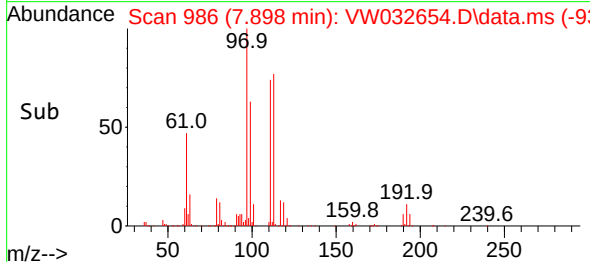
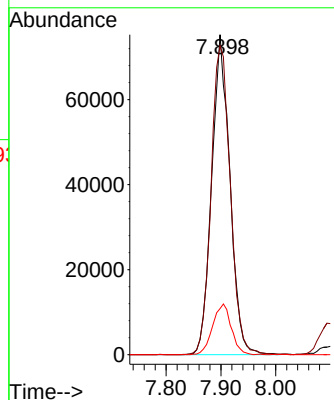
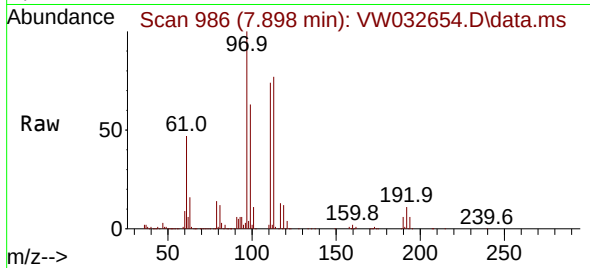




#35  
Dibromofluoromethane  
Concen: 40.464 ug/l  
RT: 7.898 min Scan# 986  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

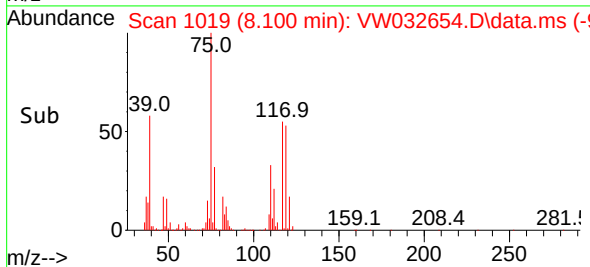
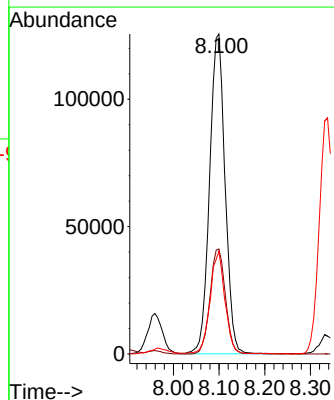
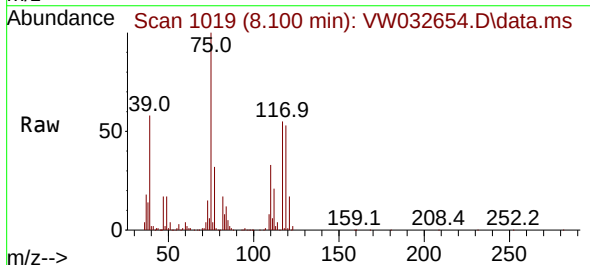
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

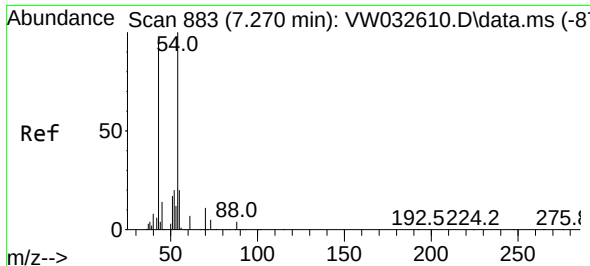
Tgt Ion:113 Resp: 173208  
Ion Ratio Lower Upper  
113 100  
111 102.3 85.2 127.8  
192 16.2 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 44.641 ug/l  
RT: 8.100 min Scan# 1019  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 295922  
Ion Ratio Lower Upper  
75 100  
110 32.7 16.3 48.9  
77 30.7 24.6 37.0

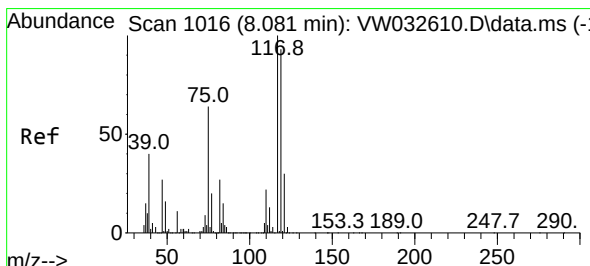
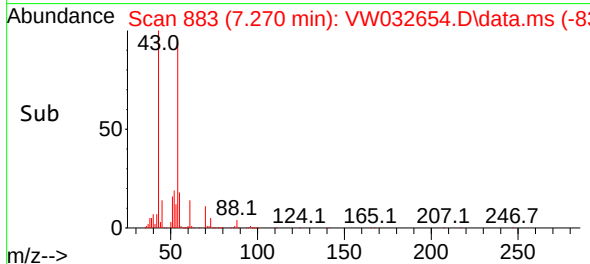
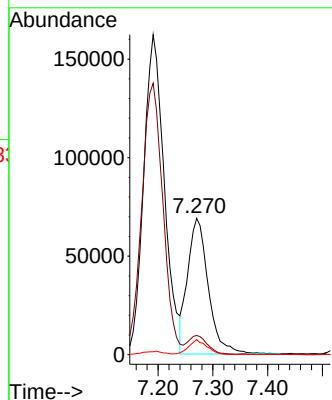
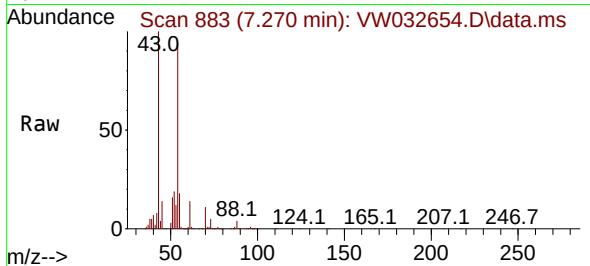




#37  
Ethyl Acetate  
Concen: 41.028 ug/l  
RT: 7.270 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

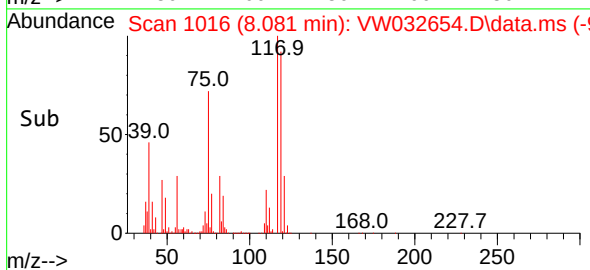
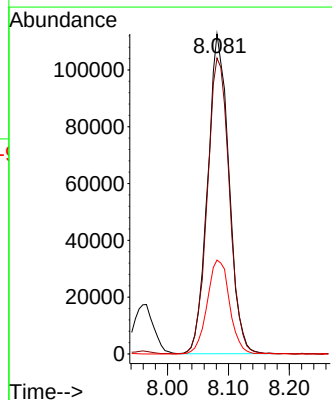
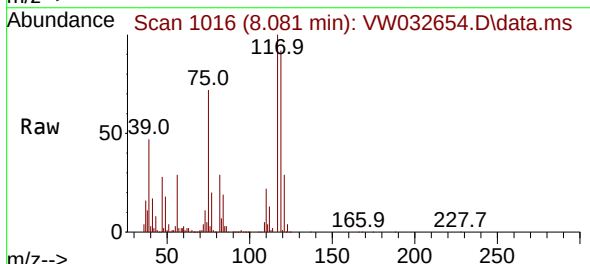
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MSVOA\_W  
ClientSampleId :  
VSTDICCC050

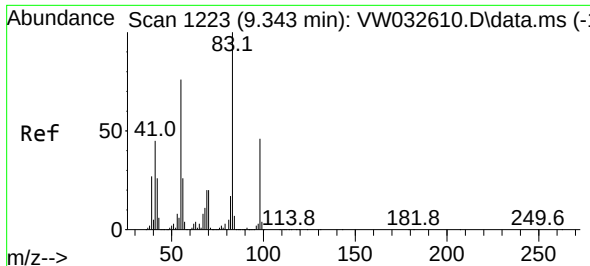
Tgt Ion: 43 Resp: 180617  
Ion Ratio Lower Upper  
43 100  
61 12.9 10.3 15.5  
70 9.6 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 43.548 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 117 Resp: 273267  
Ion Ratio Lower Upper  
117 100  
119 92.4 74.3 111.5  
121 29.4 23.6 35.4

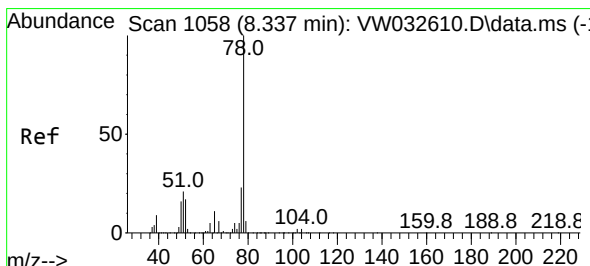
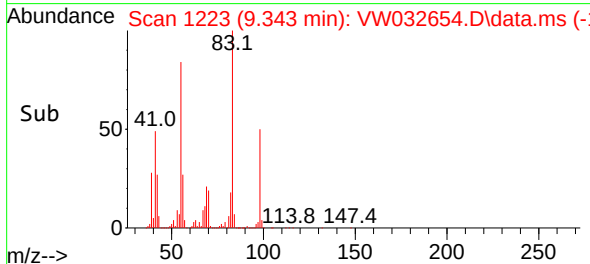
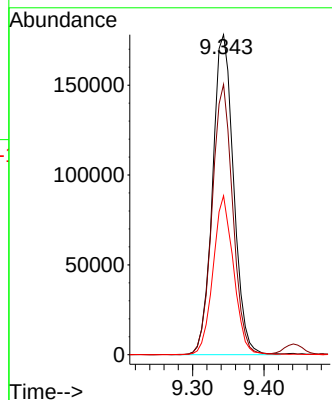
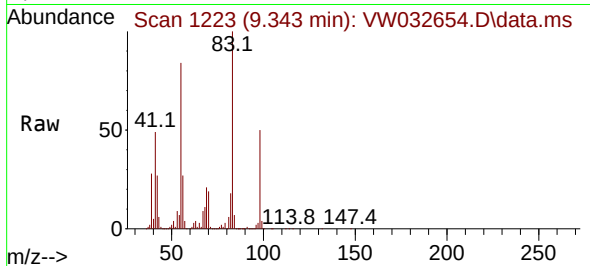




#39  
Methylcyclohexane  
Concen: 43.897 ug/l  
RT: 9.343 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

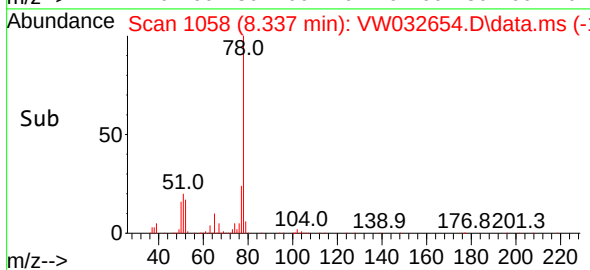
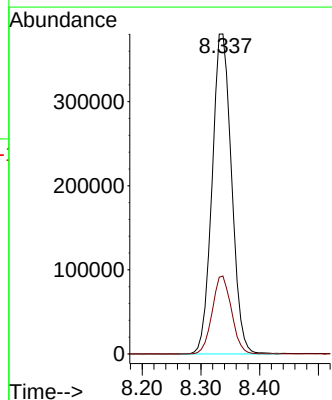
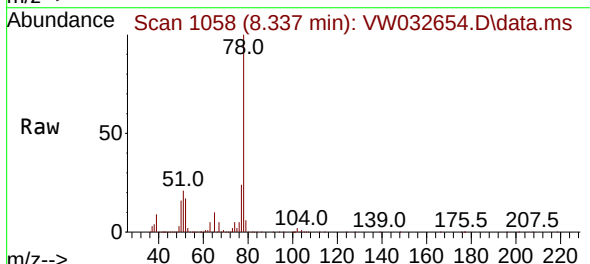
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 364414 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 84.3  | 61.2  | 91.8   |
| 98       | 49.6  | 37.0  | 55.4   |

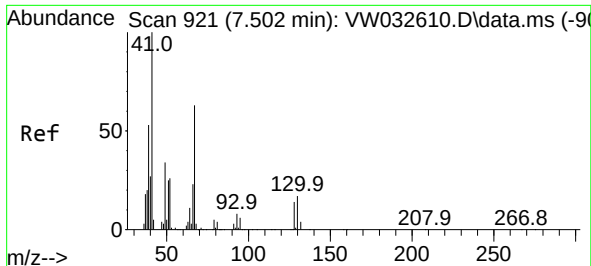


#40  
Benzene  
Concen: 43.974 ug/l  
RT: 8.337 min Scan# 1058  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 875605 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 24.3  | 18.6  | 28.0   |





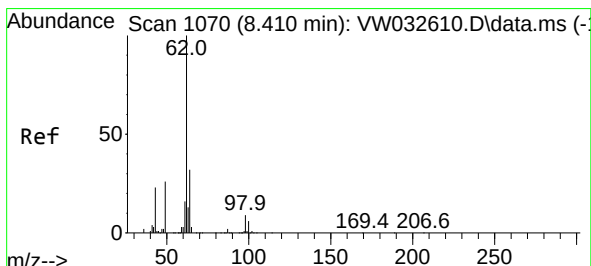
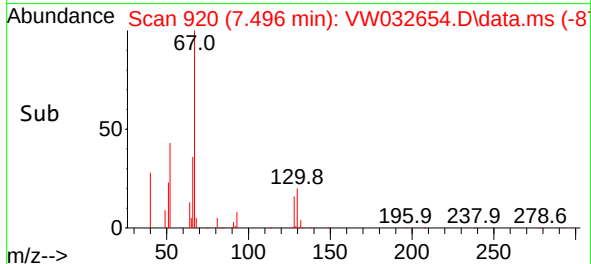
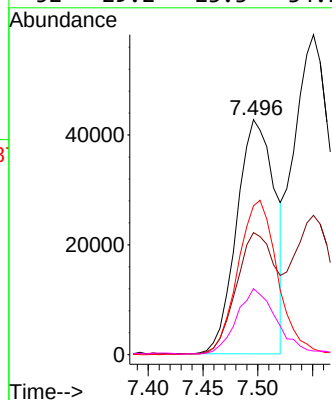
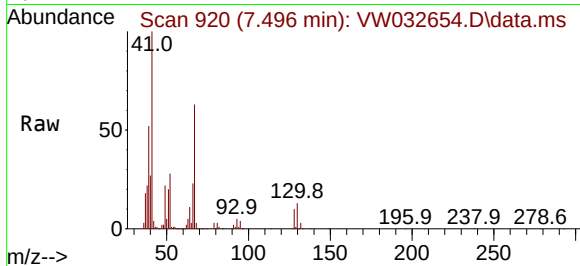


#41  
Methacrylonitrile  
Concen: 42.455 ug/l  
RT: 7.496 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

Tgt Ion: 41 Resp: 103608

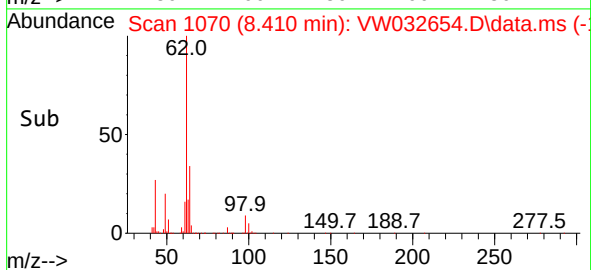
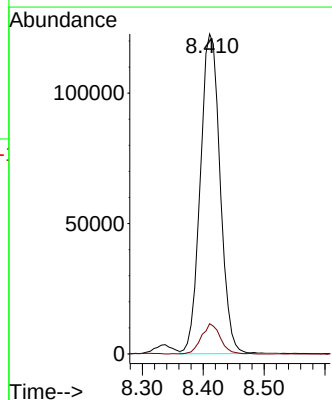
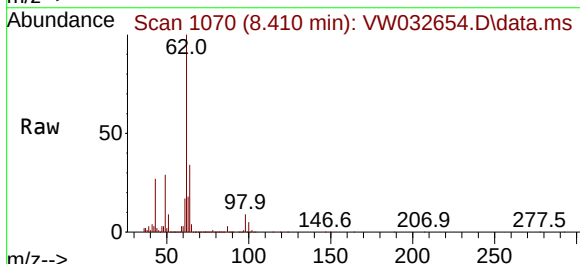
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.1  | 47.3  | 70.9  |
| 67  | 69.1  | 55.9  | 83.9  |
| 52  | 29.2  | 23.3  | 34.9  |

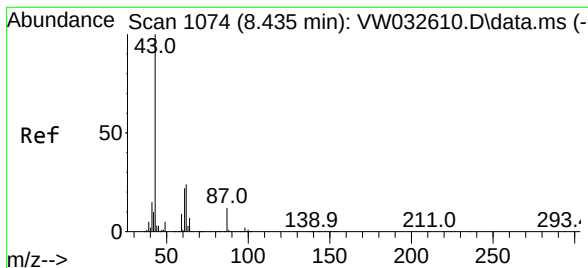


#42  
1,2-Dichloroethane  
Concen: 43.966 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 62 Resp: 277018

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.1   | 0.0   | 18.8  |





#43

Isopropyl Acetate

Concen: 42.758 ug/l

RT: 8.435 min Scan# 1074

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

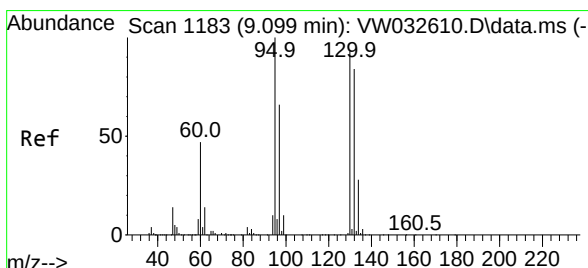
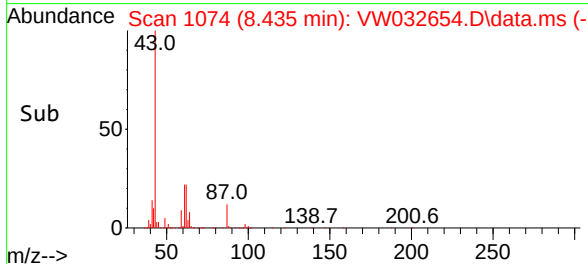
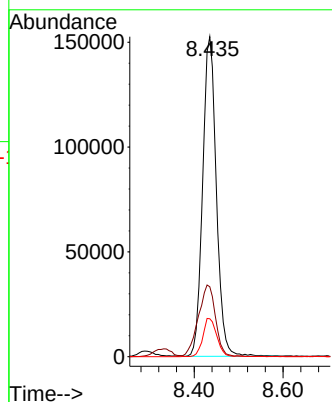
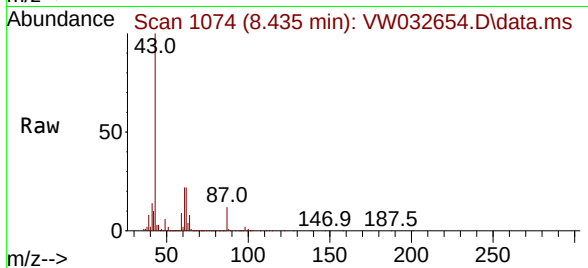
Tgt Ion: 43 Resp: 327699

Ion Ratio Lower Upper

43 100

61 27.8 22.7 34.1

87 12.1 9.6 14.4



#44

Trichloroethene

Concen: 43.670 ug/l

RT: 9.099 min Scan# 1183

Delta R.T. 0.006 min

Lab File: VW032654.D

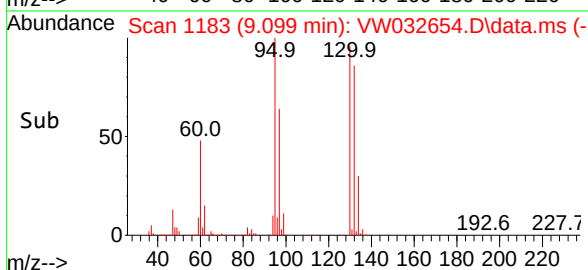
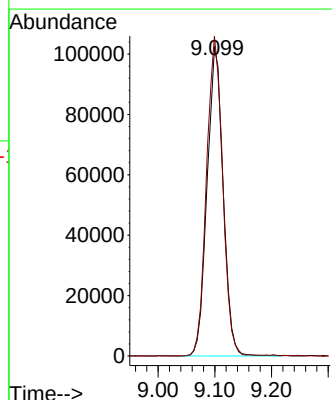
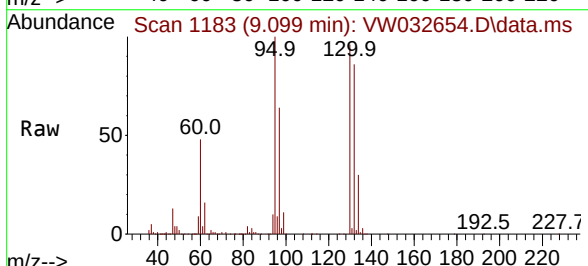
Acq: 16 Dec 2025 14:10

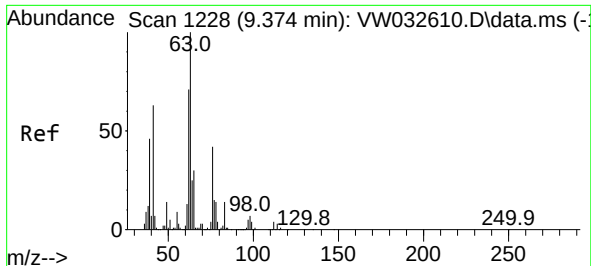
Tgt Ion:130 Resp: 201114

Ion Ratio Lower Upper

130 100

95 103.8 0.0 215.6

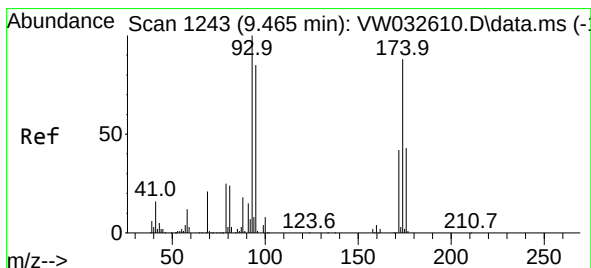
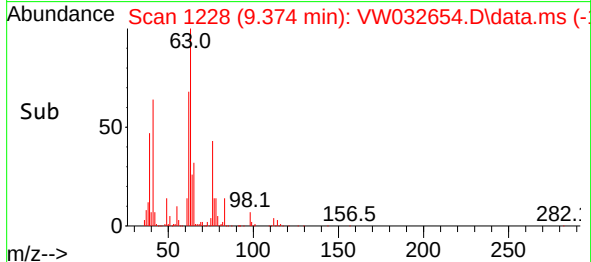
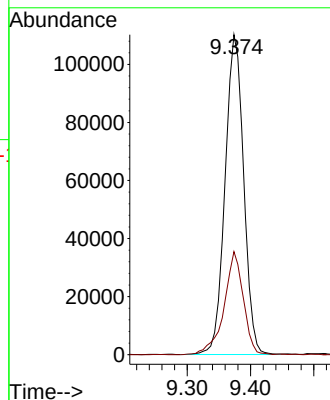
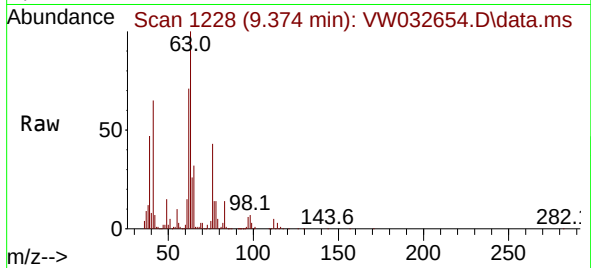




#45  
1,2-Dichloropropane  
Concen: 44.172 ug/l  
RT: 9.374 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

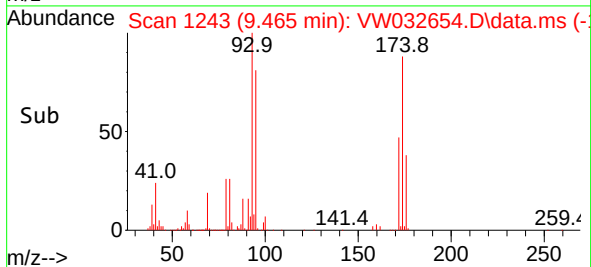
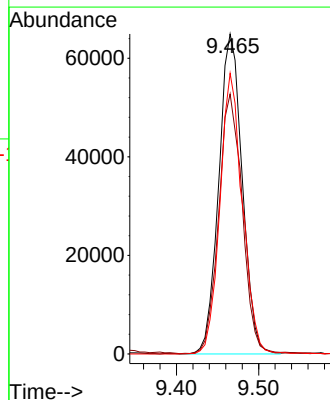
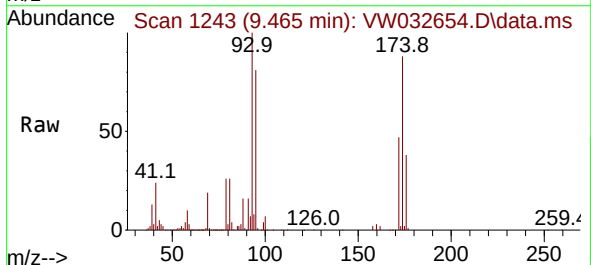
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

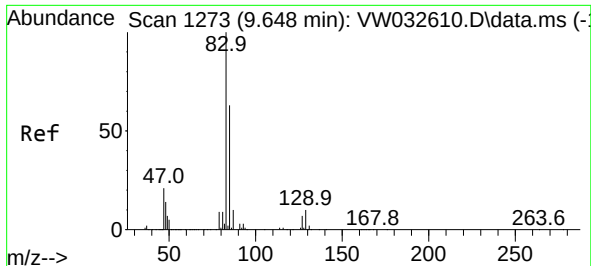
Tgt Ion: 63 Resp: 224315  
Ion Ratio Lower Upper  
63 100  
65 32.2 23.8 35.6



#46  
Dibromomethane  
Concen: 44.145 ug/l  
RT: 9.465 min Scan# 1243  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 93 Resp: 128965  
Ion Ratio Lower Upper  
93 100  
95 82.1 67.0 100.4  
174 84.1 67.6 101.4

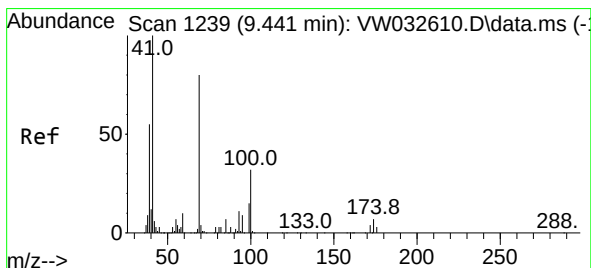
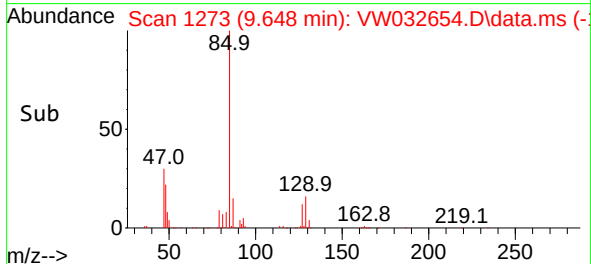
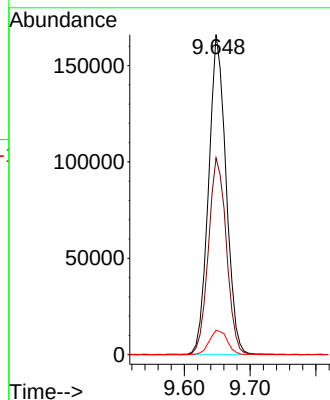
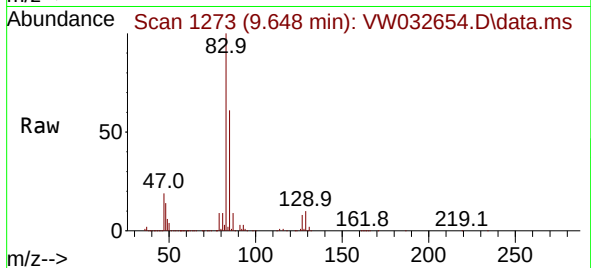




#47  
Bromodichloromethane  
Concen: 44.394 ug/l  
RT: 9.648 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

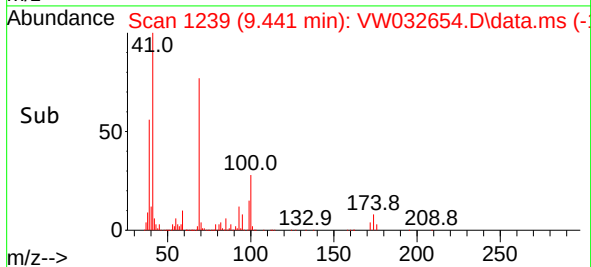
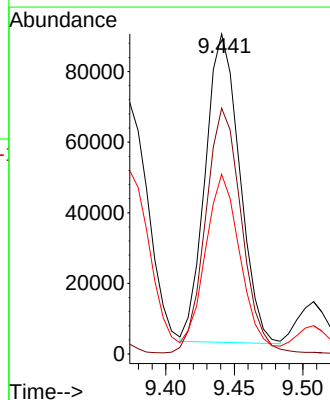
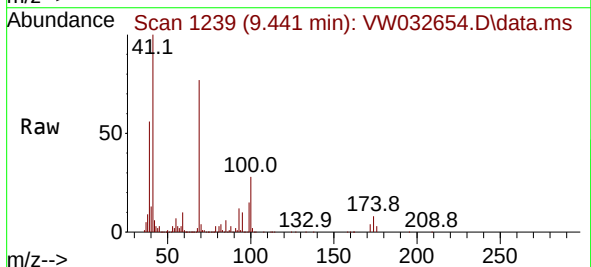
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

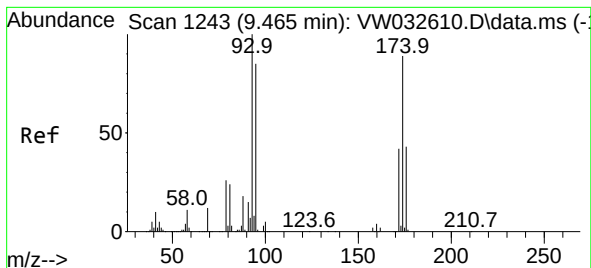
Tgt Ion: 83 Resp: 305660  
Ion Ratio Lower Upper  
83 100  
85 61.5 50.7 76.1  
127 7.6 6.0 9.0



#48  
Methyl methacrylate  
Concen: 41.221 ug/l  
RT: 9.441 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 41 Resp: 152098  
Ion Ratio Lower Upper  
41 100  
69 83.7 67.9 101.9  
39 54.7 43.8 65.8





#49

1,4-Dioxane

Concen: 852.871 ug/l

RT: 9.465 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

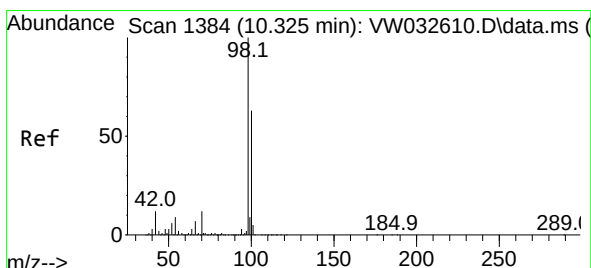
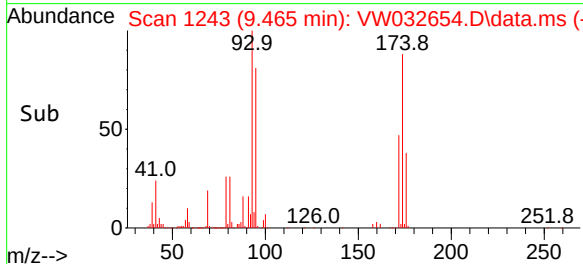
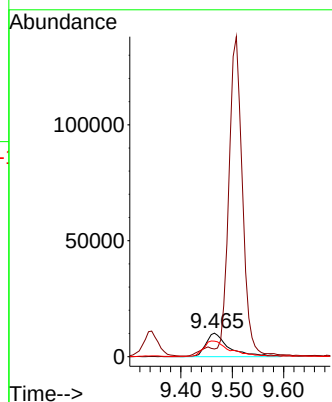
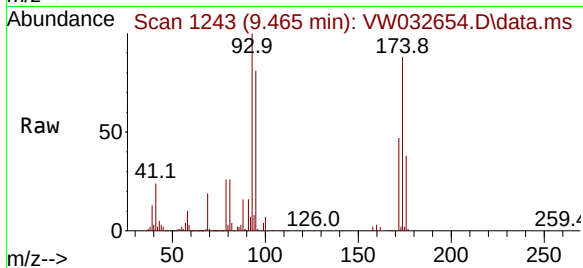
Tgt Ion: 88 Resp: 31612

Ion Ratio Lower Upper

88 100

43 24.9 0.0 0.0#

58 75.6 63.8 95.8



#50

Toluene-d8

Concen: 40.108 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VW032654.D

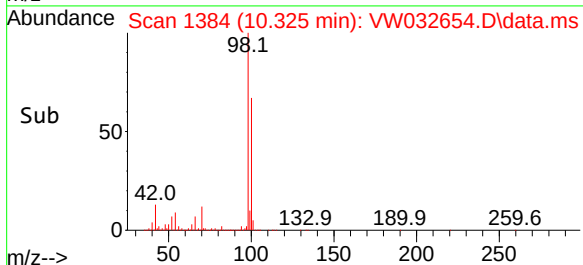
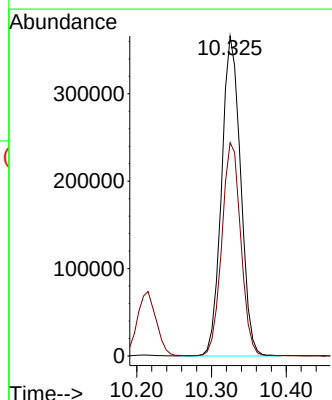
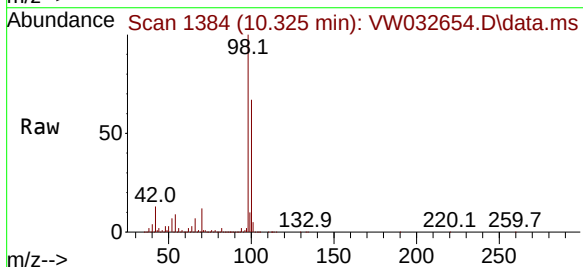
Acq: 16 Dec 2025 14:10

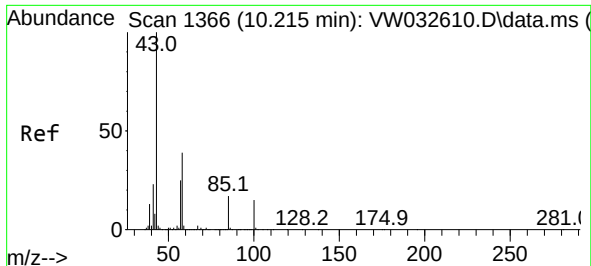
Tgt Ion: 98 Resp: 646936

Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2

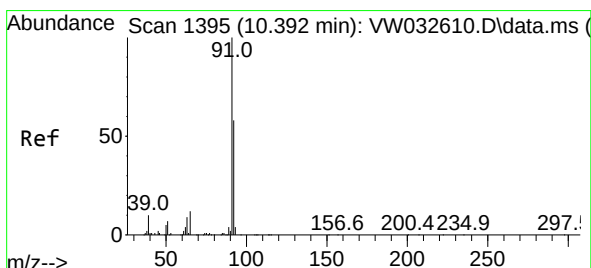
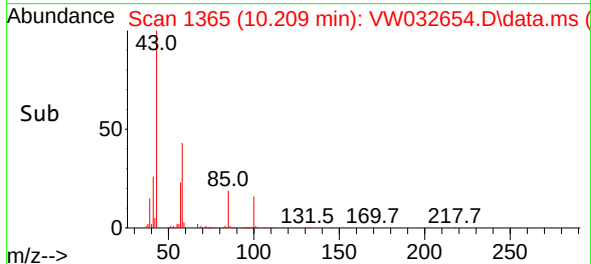
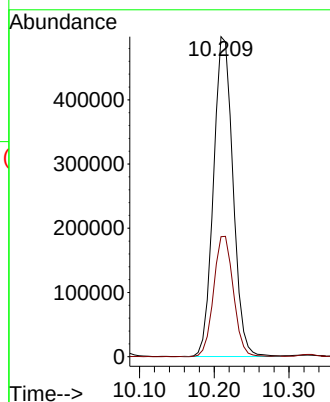
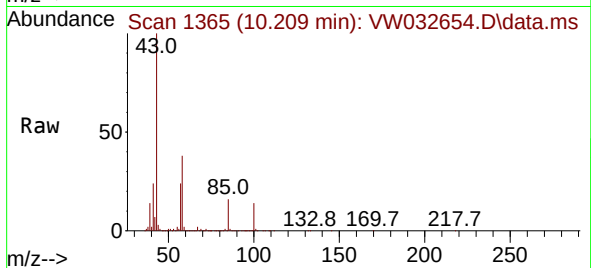




#51  
4-Methyl-2-Pentanone  
Concen: 209.997 ug/l  
RT: 10.209 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

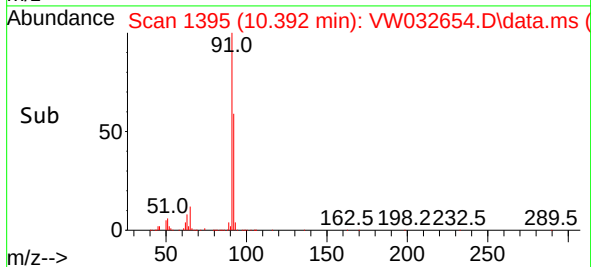
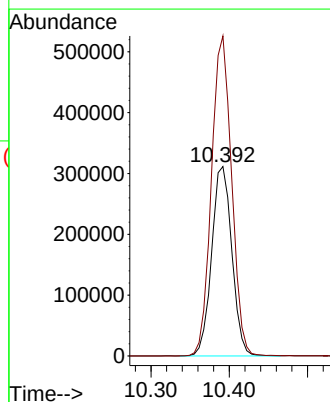
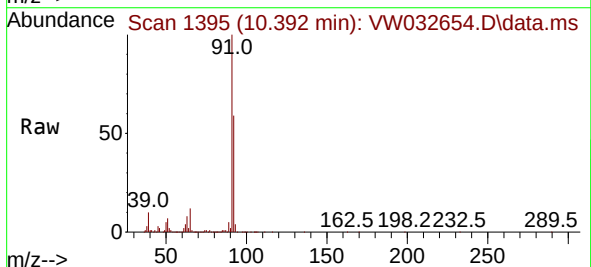
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

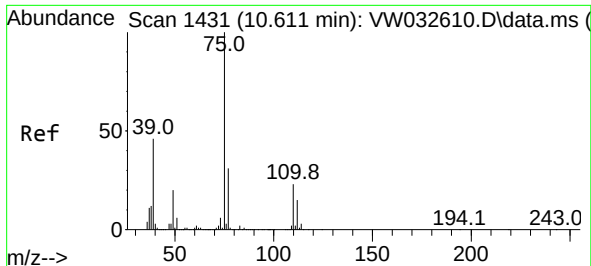
Tgt Ion: 43 Resp: 903924  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.6 45.8



#52  
Toluene  
Concen: 45.403 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 92 Resp: 556693  
Ion Ratio Lower Upper  
92 100  
91 169.2 137.6 206.4

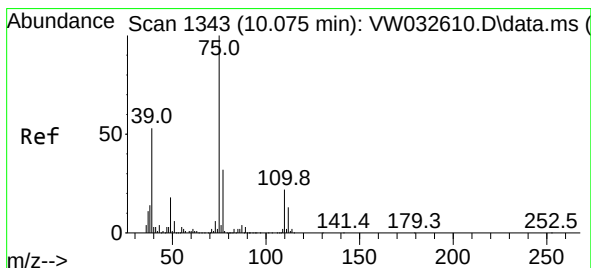
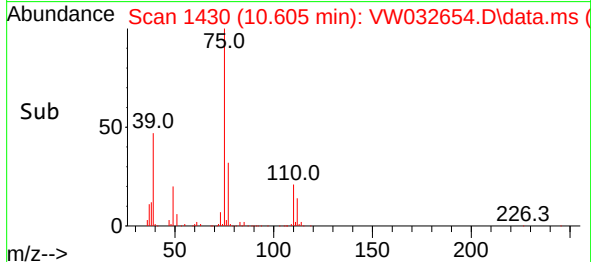
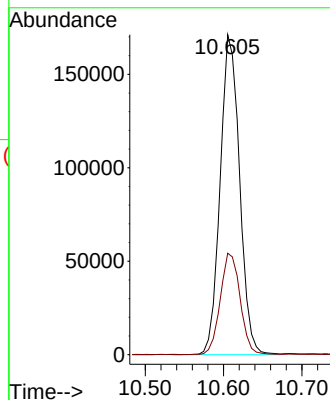
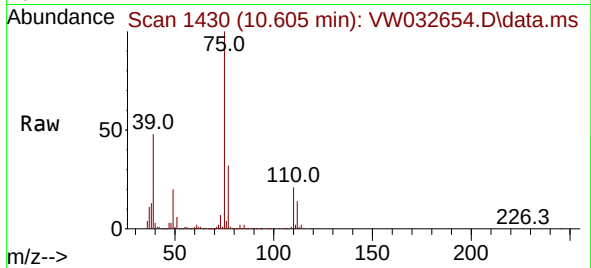




#53  
t-1,3-Dichloropropene  
Concen: 44.072 ug/l  
RT: 10.605 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

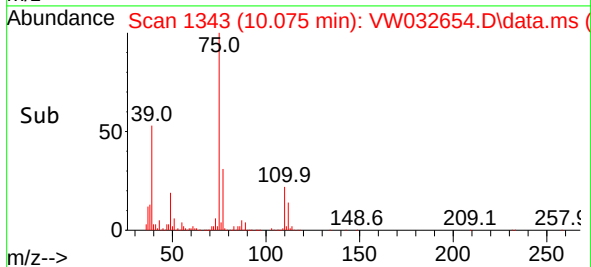
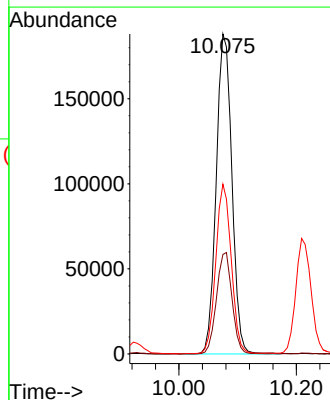
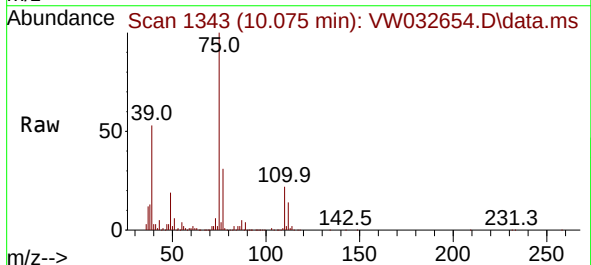
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

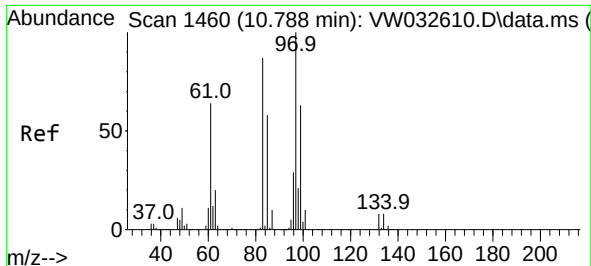
Tgt Ion: 75 Resp: 295241  
Ion Ratio Lower Upper  
75 100  
77 31.6 24.6 36.8



#54  
cis-1,3-Dichloropropene  
Concen: 44.611 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 347562  
Ion Ratio Lower Upper  
75 100  
77 31.1 26.0 39.0  
39 53.0 42.5 63.7

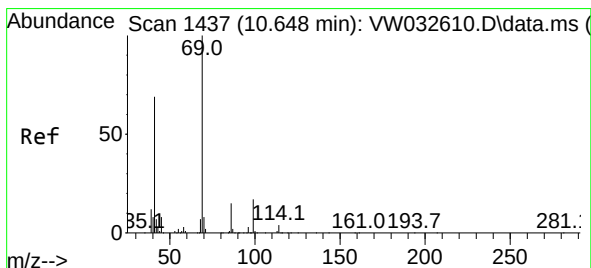
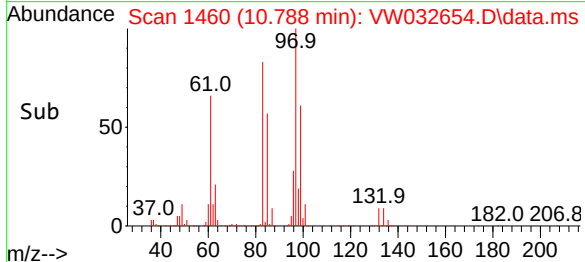
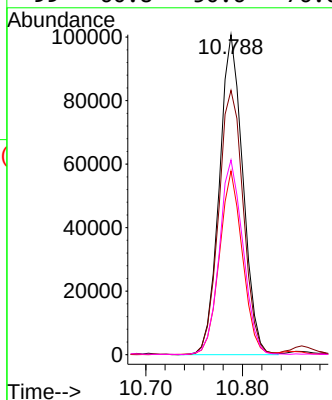
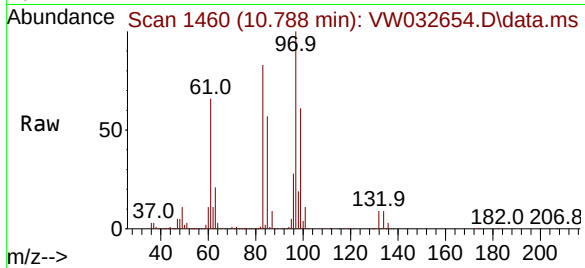




#55  
1,1,2-Trichloroethane  
Concen: 43.131 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

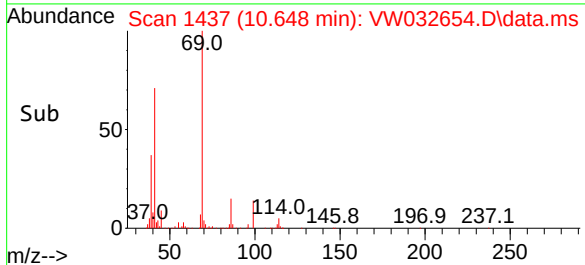
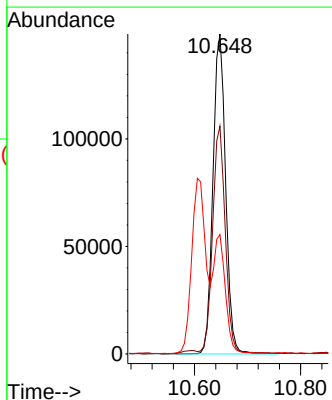
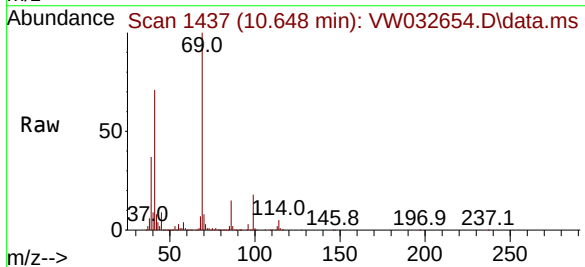
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 170829 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 82.6  | 69.3  | 103.9  |
| 85       | 57.3  | 46.1  | 69.1   |
| 99       | 60.8  | 50.6  | 76.0   |

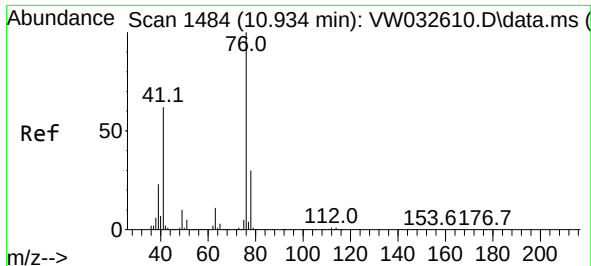


#56  
Ethyl methacrylate  
Concen: 45.015 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 247595 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 70.0  | 57.0  | 85.6   |
| 39       | 34.5  | 27.2  | 40.8   |







#57

1,3-Dichloropropane

Concen: 43.586 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

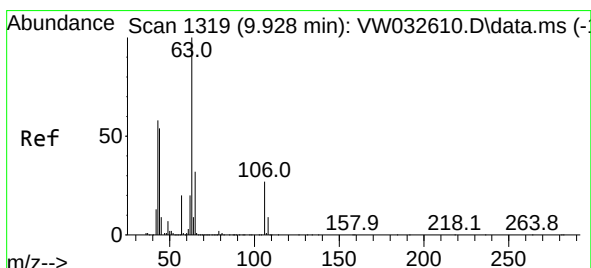
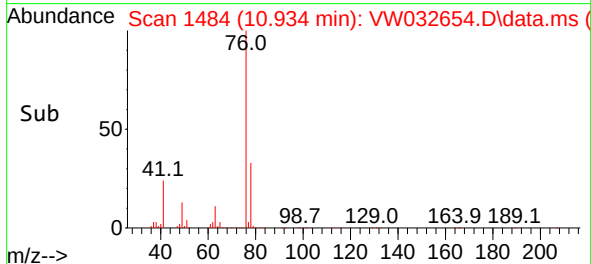
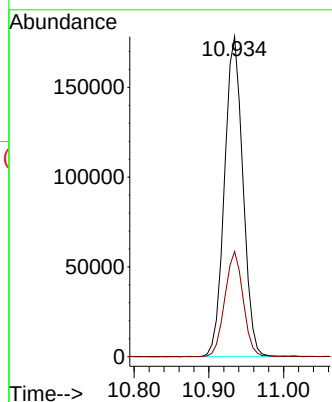
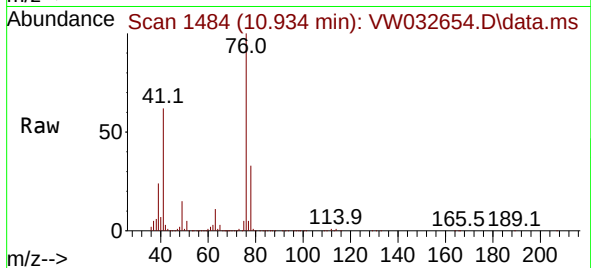
VSTDICCC050

Tgt Ion: 76 Resp: 305813

Ion Ratio Lower Upper

76 100

78 32.7 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 191.928 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. -0.001 min

Lab File: VW032654.D

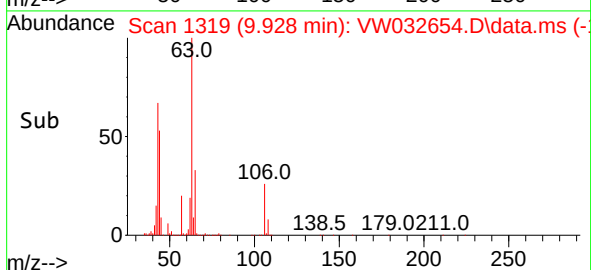
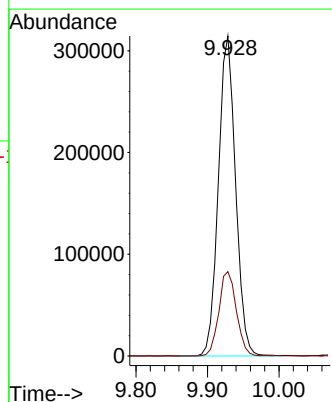
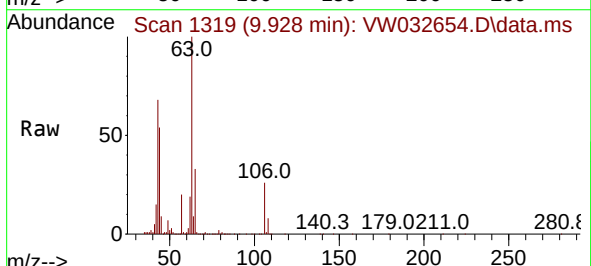
Acq: 16 Dec 2025 14:10

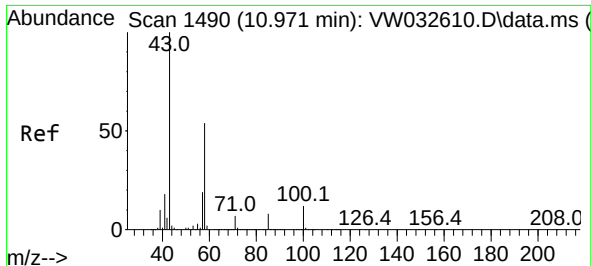
Tgt Ion: 63 Resp: 525735

Ion Ratio Lower Upper

63 100

106 26.9 21.3 31.9

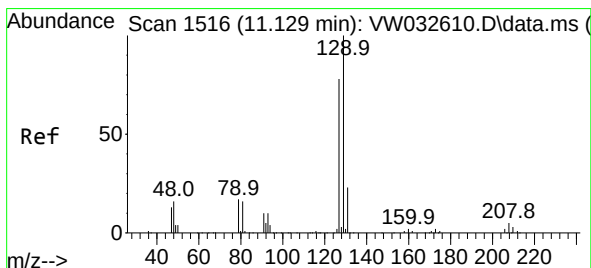
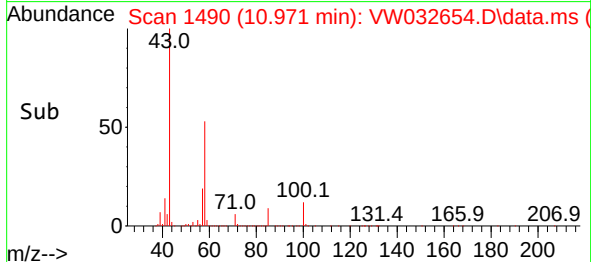
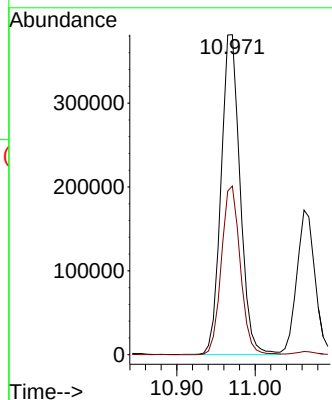
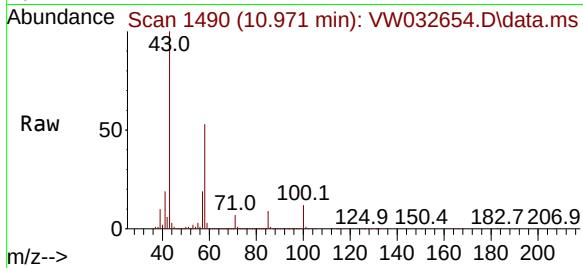




#59  
2-Hexanone  
Concen: 208.231 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

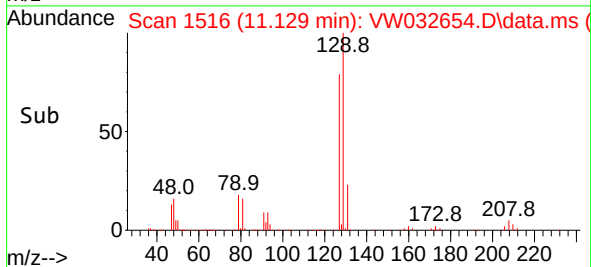
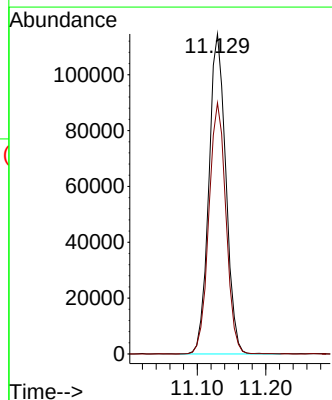
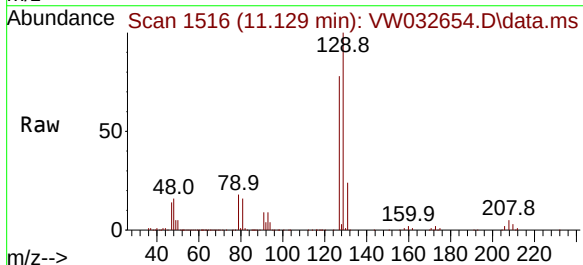
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

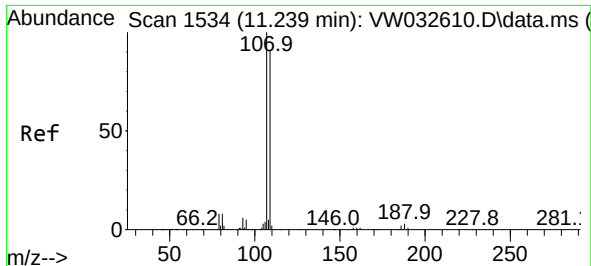
Tgt Ion: 43 Resp: 645703  
Ion Ratio Lower Upper  
43 100  
58 52.4 26.3 78.9



#60  
Dibromochloromethane  
Concen: 44.989 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion:129 Resp: 197457  
Ion Ratio Lower Upper  
129 100  
127 79.0 37.2 111.6

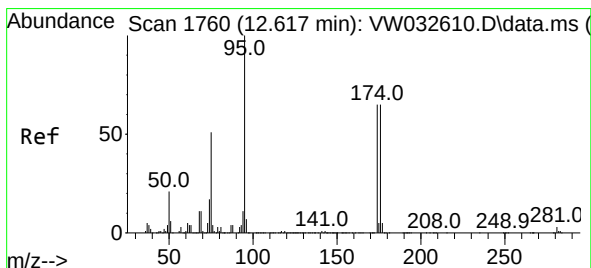
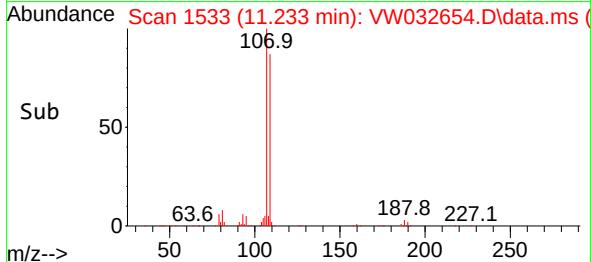
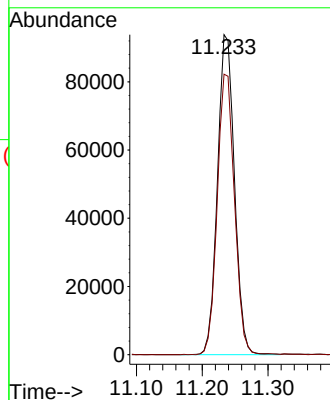
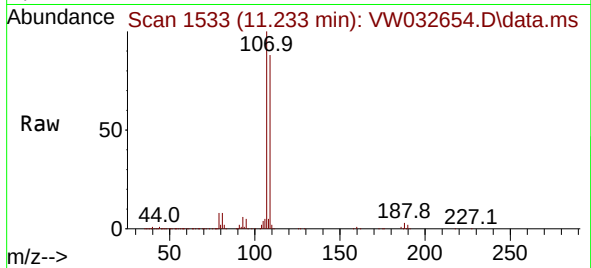




#61  
1,2-Dibromoethane  
Concen: 44.749 ug/l  
RT: 11.233 min Scan# 1533  
Delta R.T. -0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

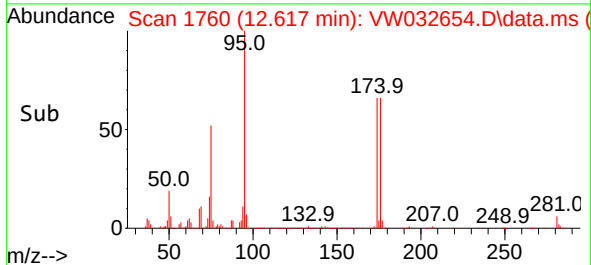
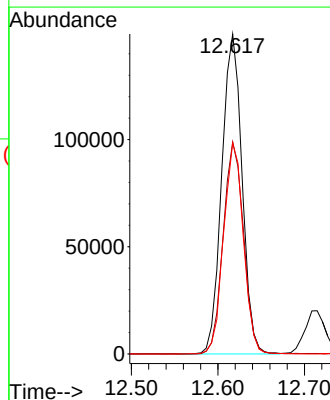
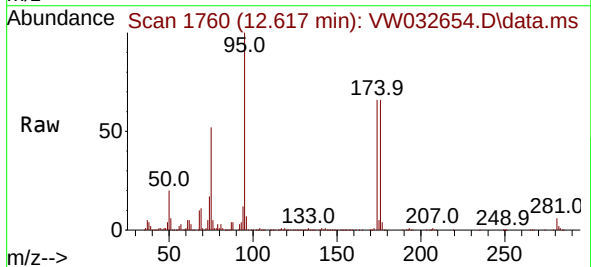
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

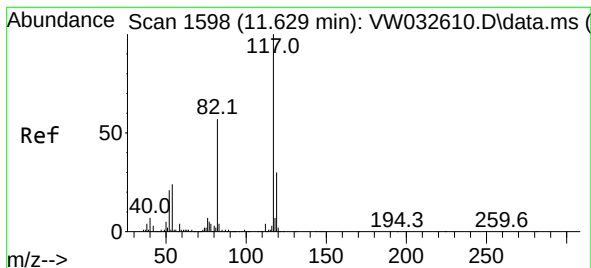
Tgt Ion:107 Resp: 168947  
Ion Ratio Lower Upper  
107 100  
109 88.9 73.0 109.4



#62  
4-Bromofluorobenzene  
Concen: 40.923 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 95 Resp: 242784  
Ion Ratio Lower Upper  
95 100  
174 66.5 0.0 135.0  
176 64.6 0.0 123.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

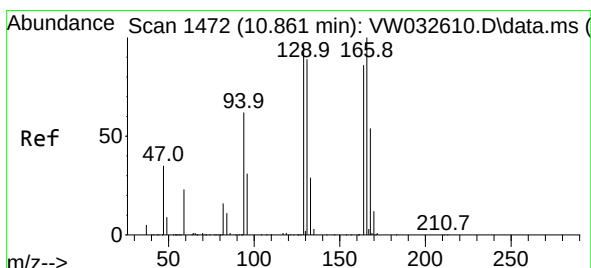
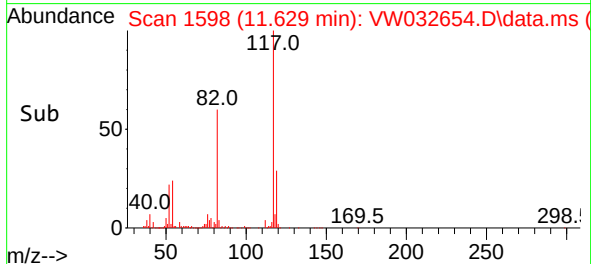
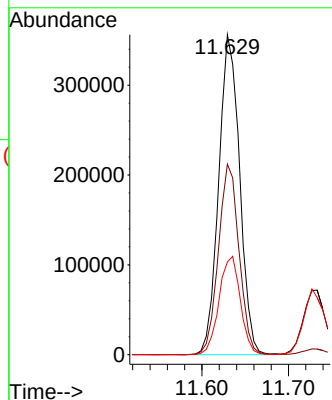
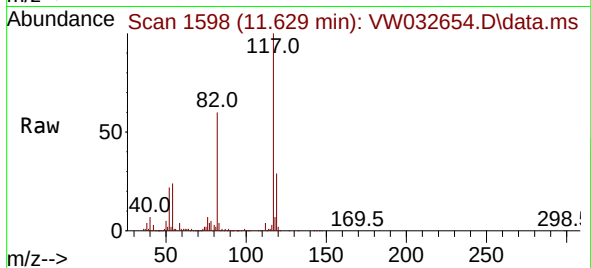
Tgt Ion:117 Resp: 597814

Ion Ratio Lower Upper

117 100

82 59.5 45.5 68.3

119 29.0 23.8 35.8



#64

Tetrachloroethene

Concen: 43.966 ug/l

RT: 10.867 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Tgt Ion:164 Resp: 167674

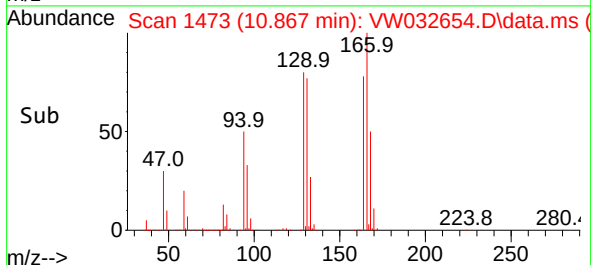
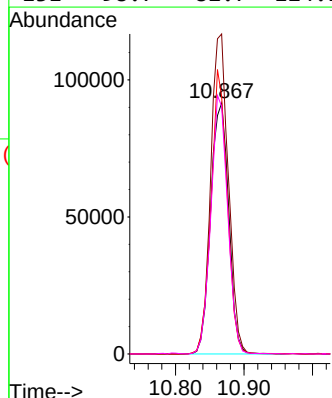
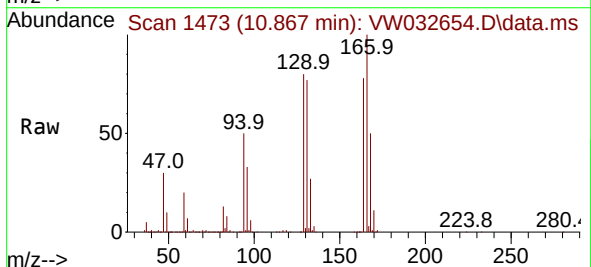
Ion Ratio Lower Upper

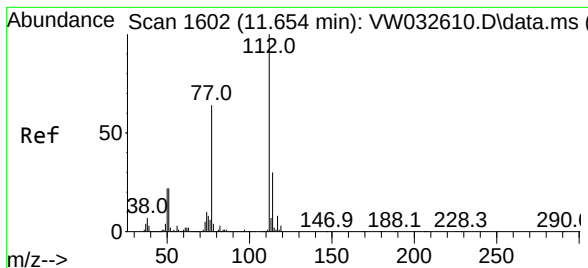
164 100

166 127.6 93.0 139.6

129 102.6 89.2 133.8

131 98.7 82.7 124.1





#65

Chlorobenzene

Concen: 42.380 ug/l

RT: 11.654 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

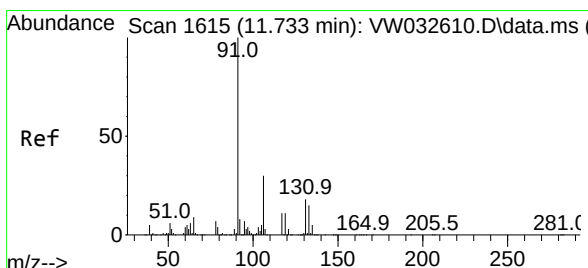
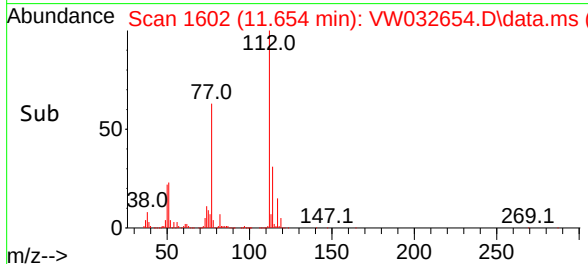
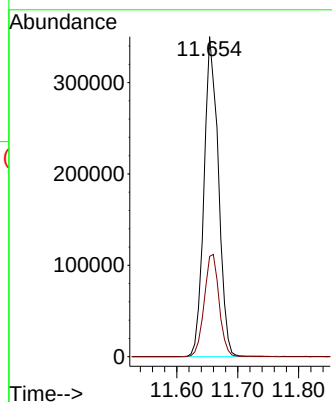
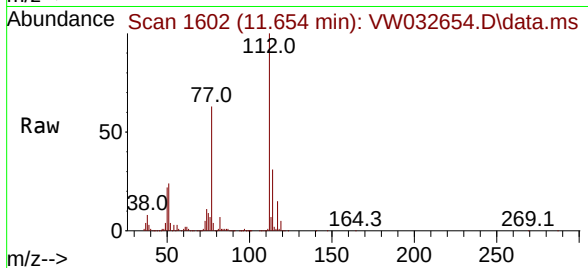
VSTDICCC050

Tgt Ion:112 Resp: 575794

Ion Ratio Lower Upper

112 100

114 31.3 23.8 35.8



#66

1,1,1,2-Tetrachloroethane

Concen: 44.252 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

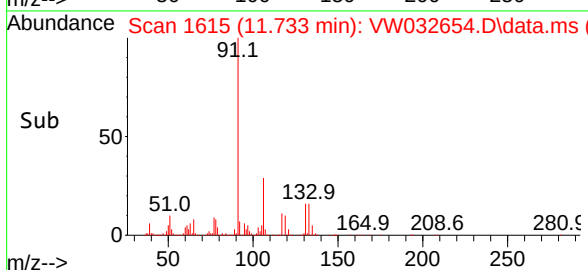
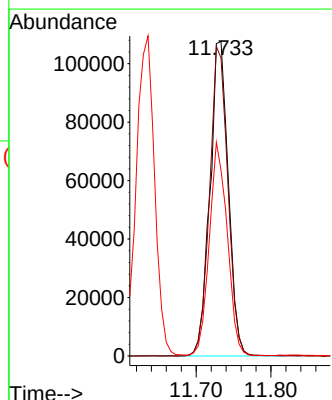
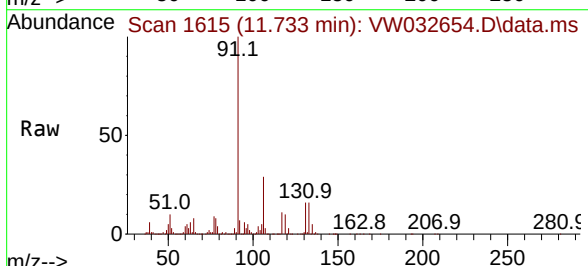
Tgt Ion:131 Resp: 184048

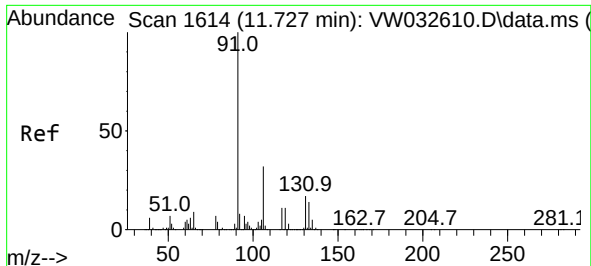
Ion Ratio Lower Upper

131 100

133 97.5 44.0 132.1

119 66.1 32.0 96.2

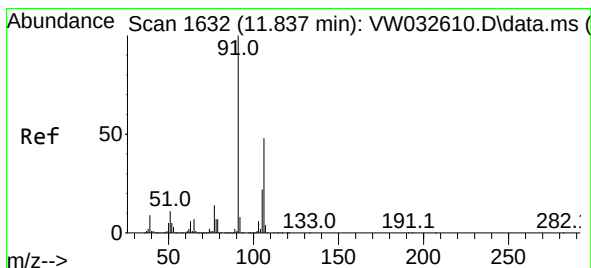
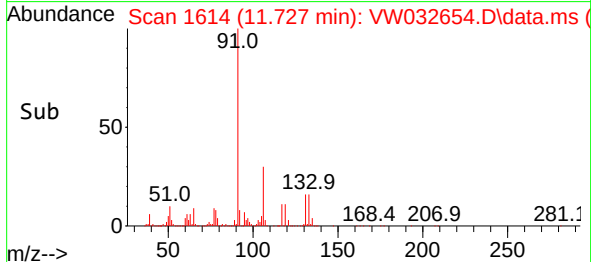
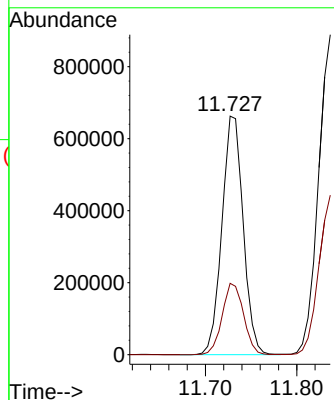
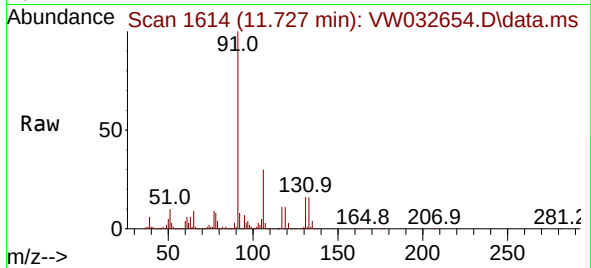




#67  
Ethyl Benzene  
Concen: 46.177 ug/l  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

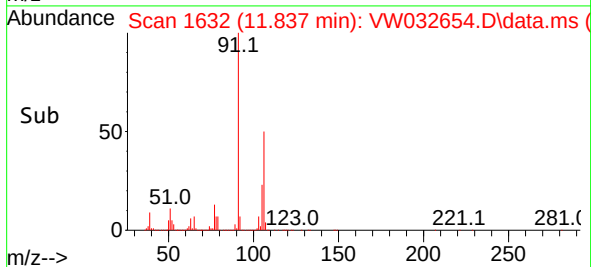
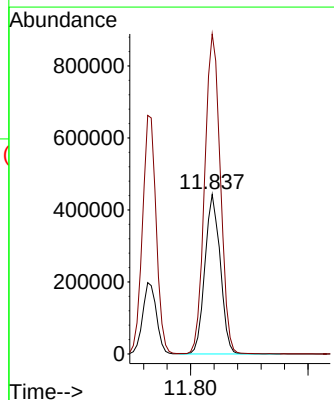
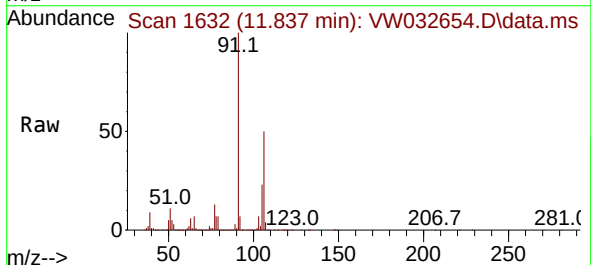
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

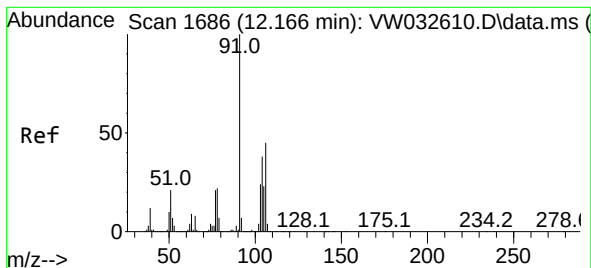
Tgt Ion: 91 Resp: 1072328  
Ion Ratio Lower Upper  
91 100  
106 29.9 25.8 38.6



#68  
m/p-Xylenes  
Concen: 90.562 ug/l  
RT: 11.837 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion:106 Resp: 802123  
Ion Ratio Lower Upper  
106 100  
91 205.2 165.6 248.4

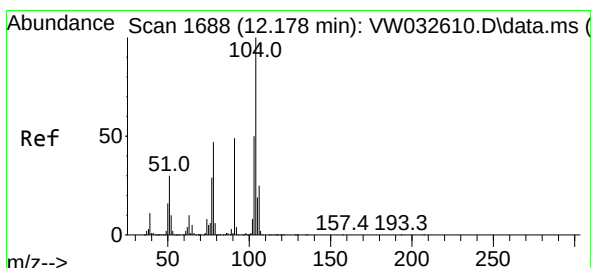
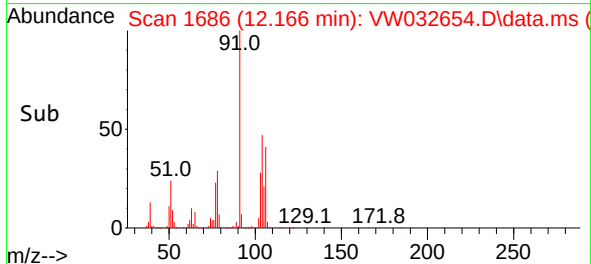
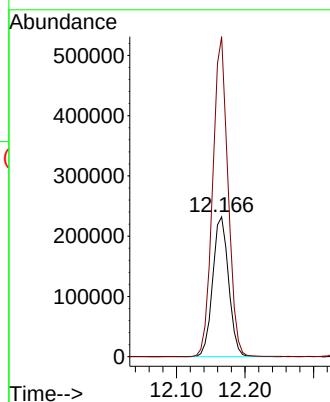
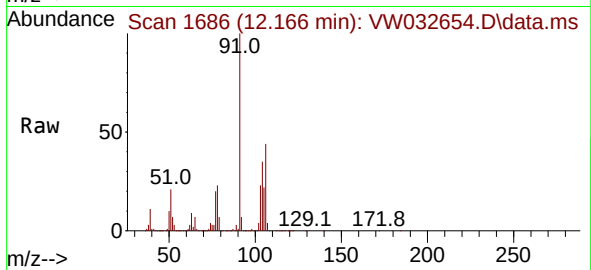




#69  
o-Xylene  
Concen: 46.155 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

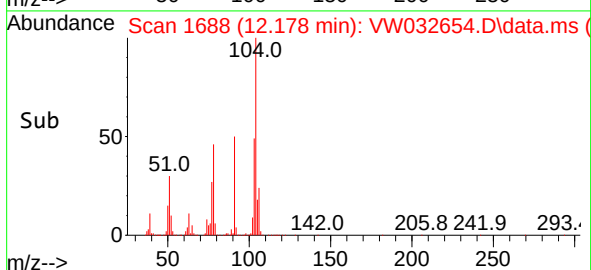
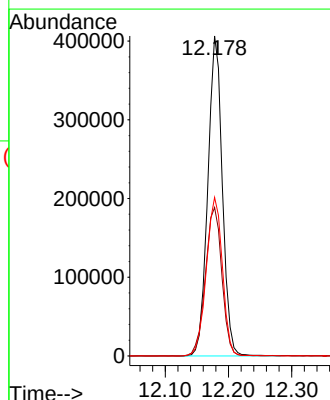
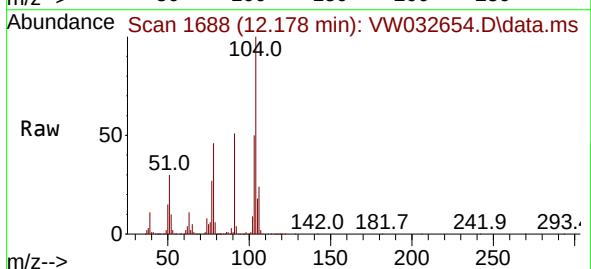
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

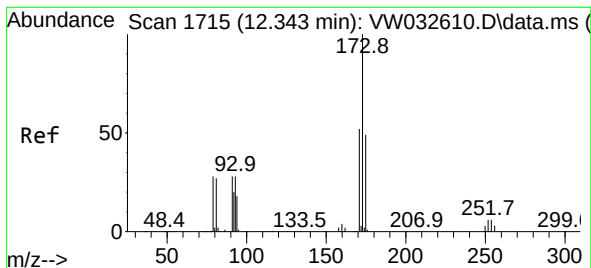
Tgt Ion:106 Resp: 373466  
Ion Ratio Lower Upper  
106 100  
91 220.5 108.3 324.8



#70  
Styrene  
Concen: 46.093 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion:104 Resp: 649841  
Ion Ratio Lower Upper  
104 100  
78 52.7 41.5 62.3  
103 55.0 43.8 65.6





#71

Bromoform

Concen: 43.527 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

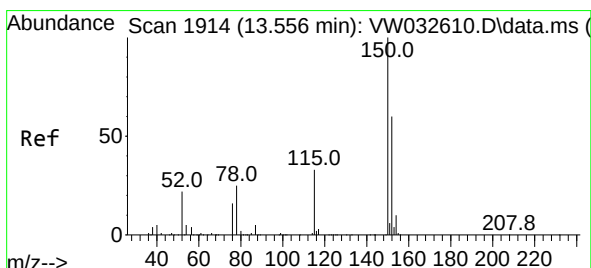
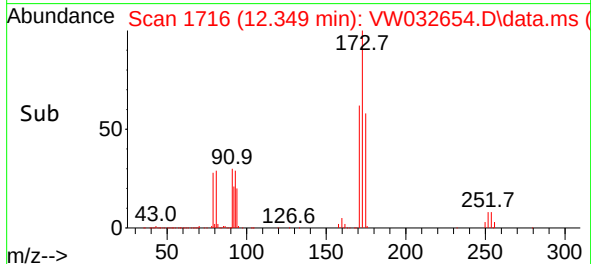
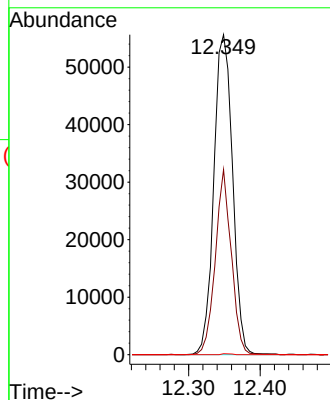
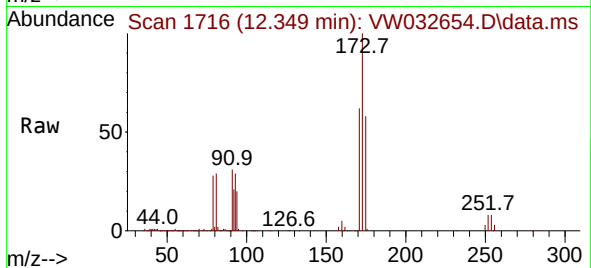
Tgt Ion:173 Resp: 101145

Ion Ratio Lower Upper

173 100

175 49.6 24.9 74.7

254 0.2 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

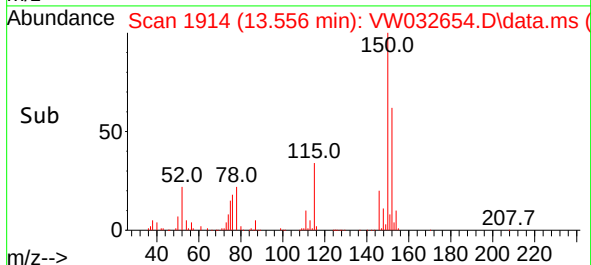
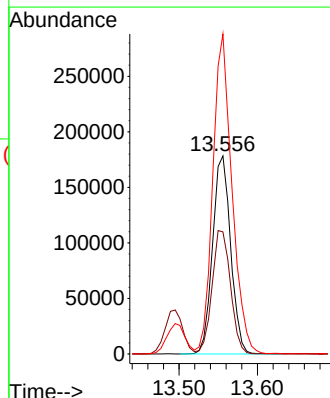
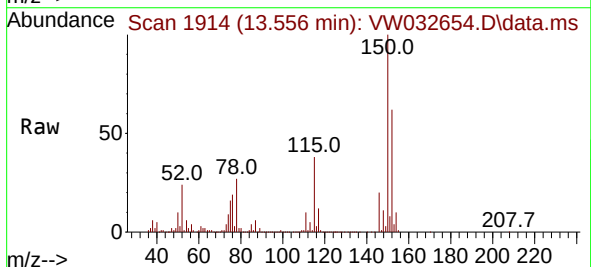
Tgt Ion:152 Resp: 285950

Ion Ratio Lower Upper

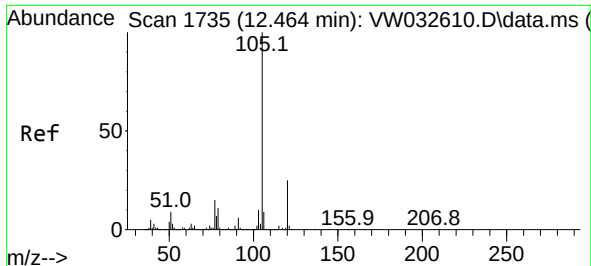
152 100

115 63.3 33.8 101.3

150 170.6 0.0 369.4



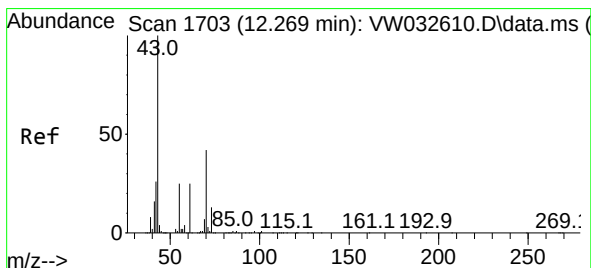
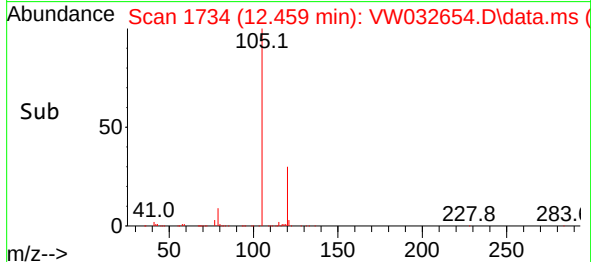
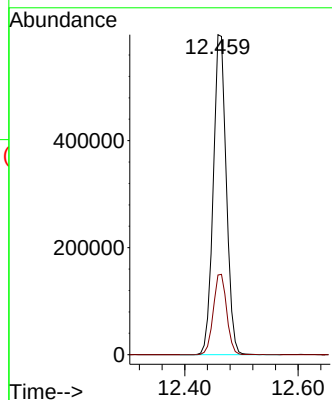
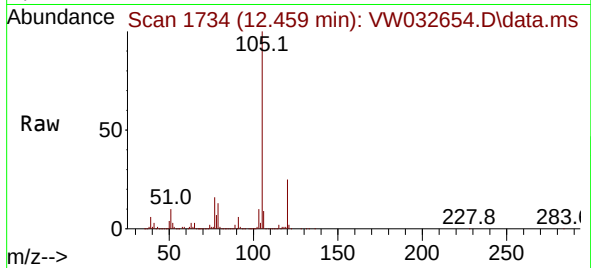




#73  
Isopropylbenzene  
Concen: 44.240 ug/l  
RT: 12.459 min Scan# 1734  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

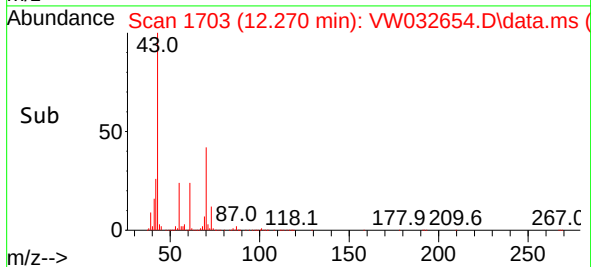
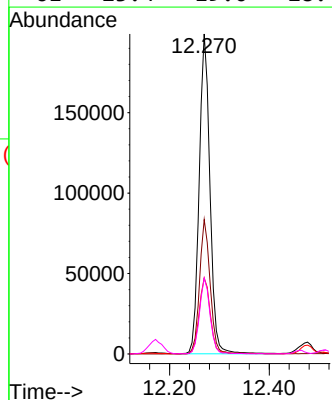
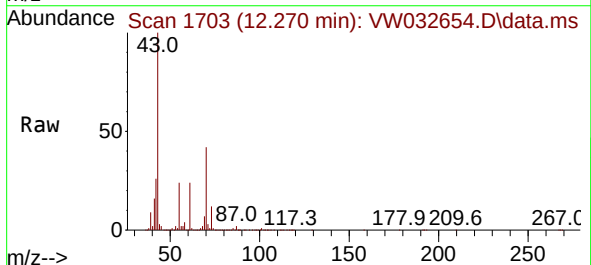
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

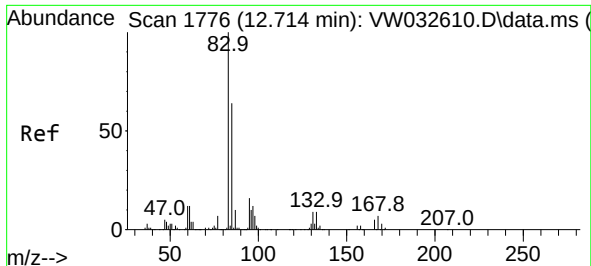
Tgt Ion:105 Resp: 951866  
Ion Ratio Lower Upper  
105 100  
120 25.8 13.0 39.0



#74  
N-ethyl acetate  
Concen: 42.326 ug/l  
RT: 12.270 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 43 Resp: 297522  
Ion Ratio Lower Upper  
43 100  
70 41.2 32.4 48.6  
55 24.7 19.8 29.6  
61 23.4 19.0 28.4

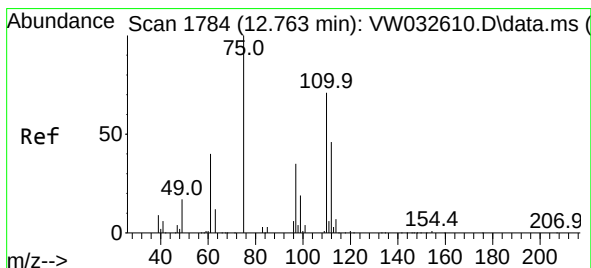
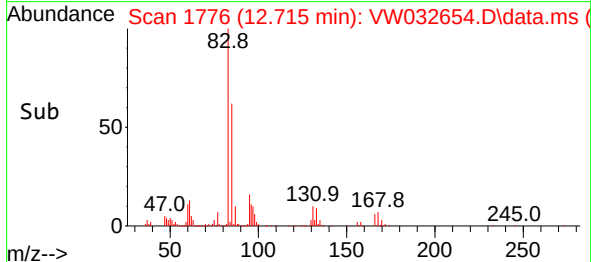
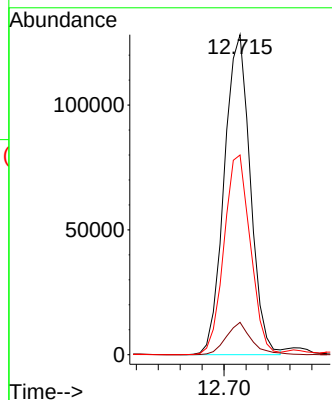
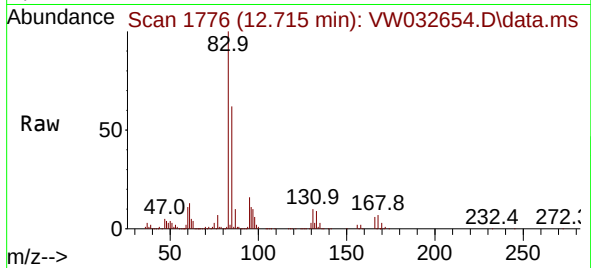




#75  
1,1,2-Tetrachloroethane  
Concen: 41.340 ug/l  
RT: 12.715 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

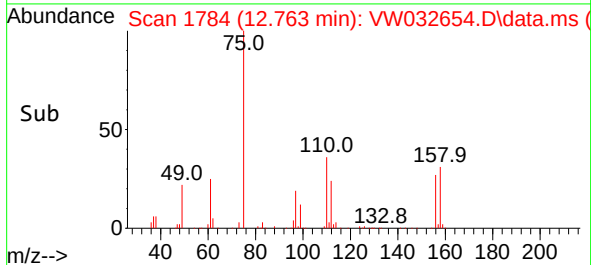
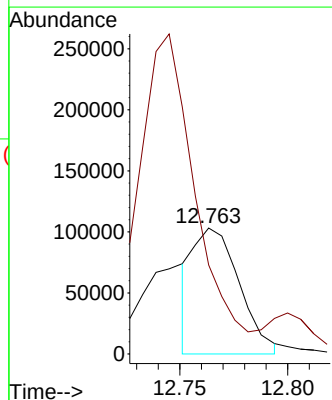
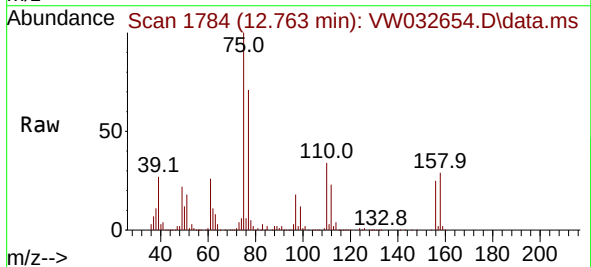
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

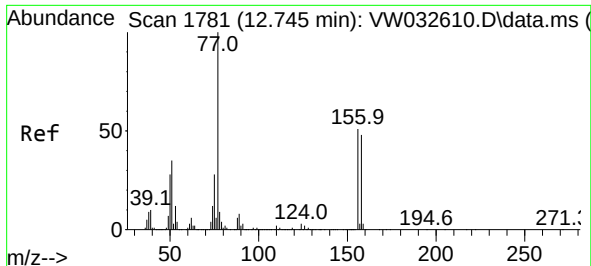
Tgt Ion: 83 Resp: 211399  
Ion Ratio Lower Upper  
83 100  
131 9.8 5.0 14.9  
85 63.5 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 23.500 ug/l m  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 153494  
Ion Ratio Lower Upper  
75 100  
77 312.0 154.0 462.0

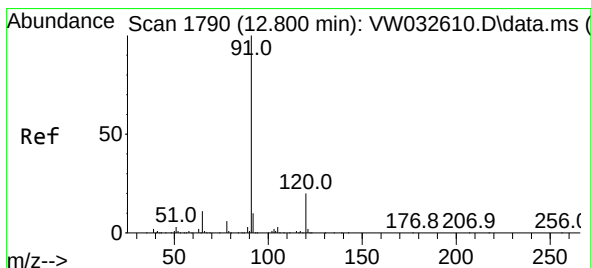
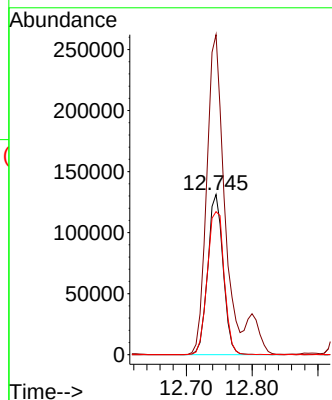
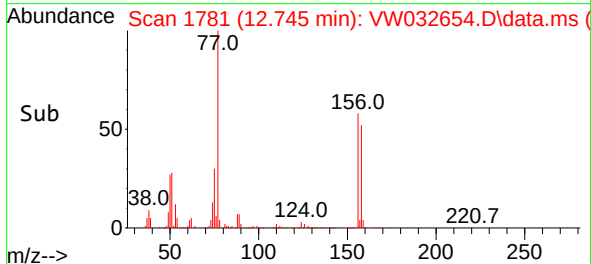
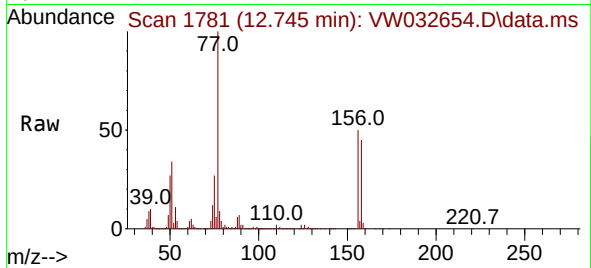




#77  
Bromobenzene  
Concen: 43.078 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

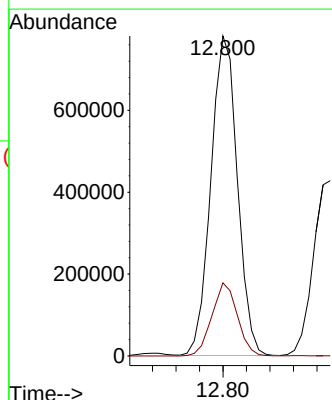
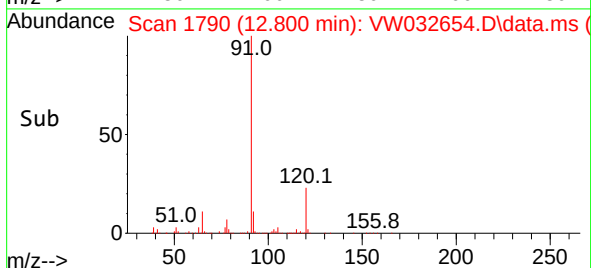
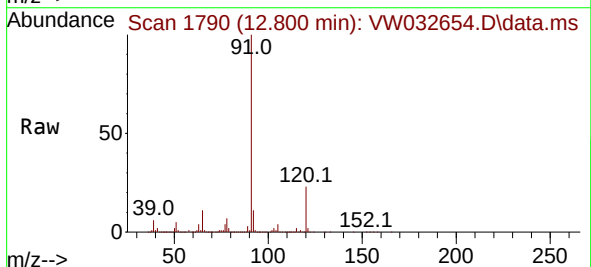
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

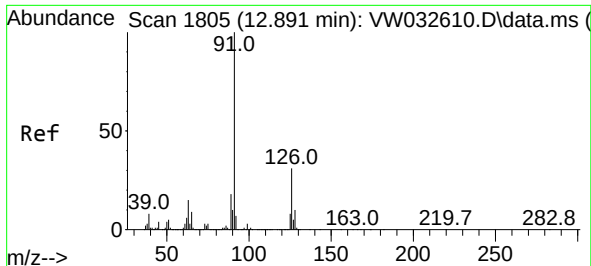
Tgt Ion:156 Resp: 213564  
Ion Ratio Lower Upper  
156 100  
77 224.2 116.7 350.1  
158 98.5 49.9 149.7



#78  
n-propylbenzene  
Concen: 44.845 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 91 Resp: 1222551  
Ion Ratio Lower Upper  
91 100  
120 22.0 10.9 32.6

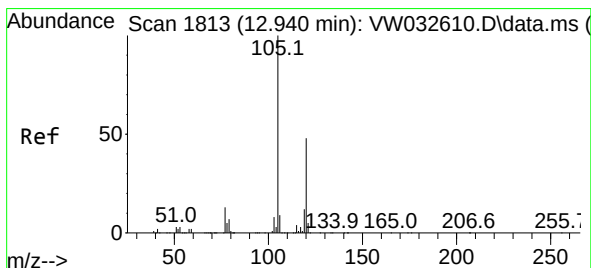
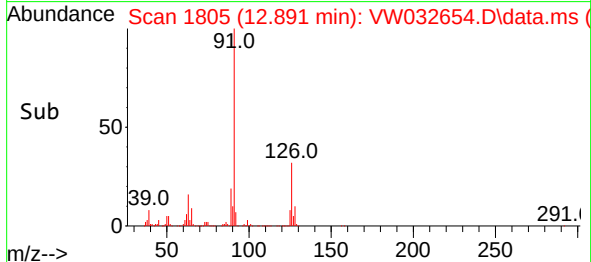
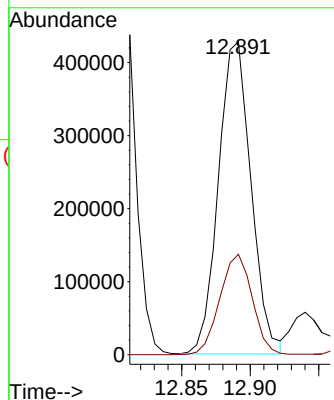
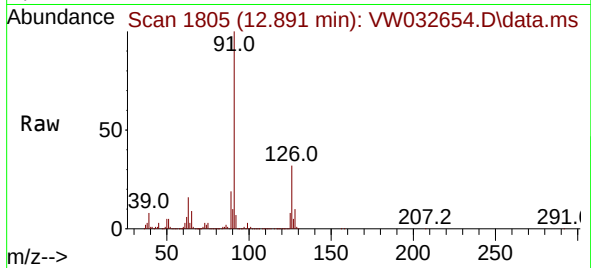




#79  
2-Chlorotoluene  
Concen: 43.668 ug/l  
RT: 12.891 min Scan# 1805  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

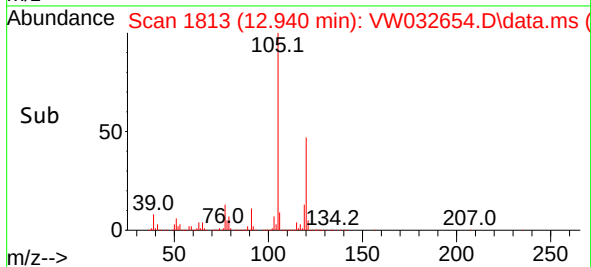
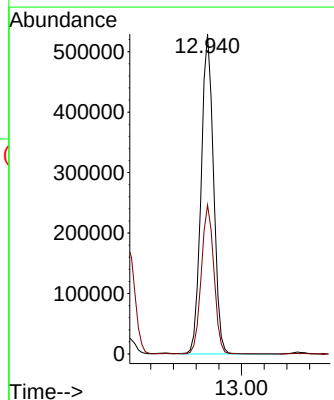
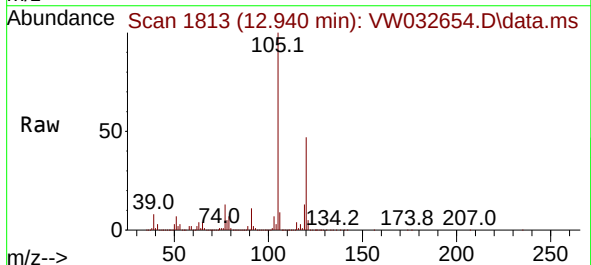
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

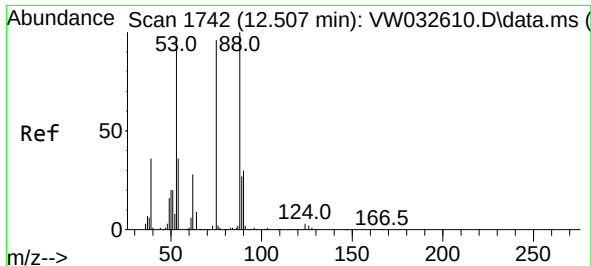
Tgt Ion: 91 Resp: 709124  
Ion Ratio Lower Upper  
91 100  
126 32.0 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 44.713 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 105 Resp: 802037  
Ion Ratio Lower Upper  
105 100  
120 47.2 24.3 72.8

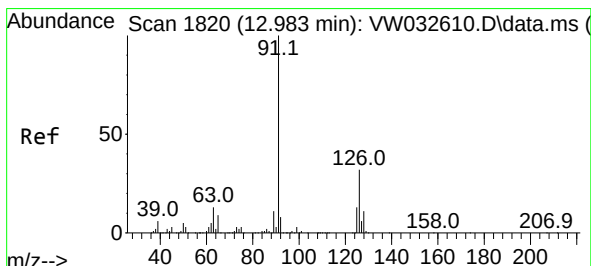
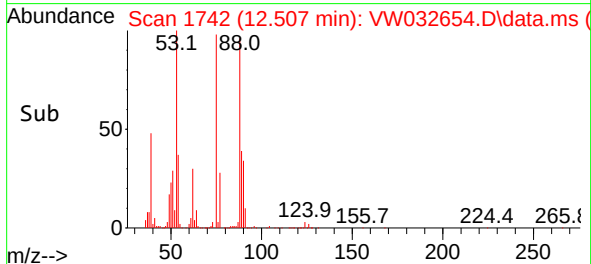
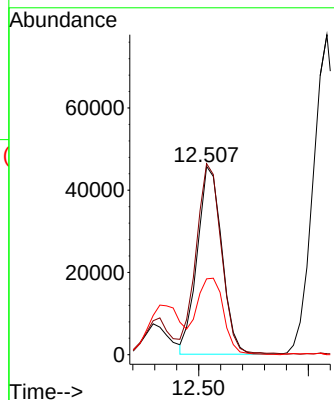
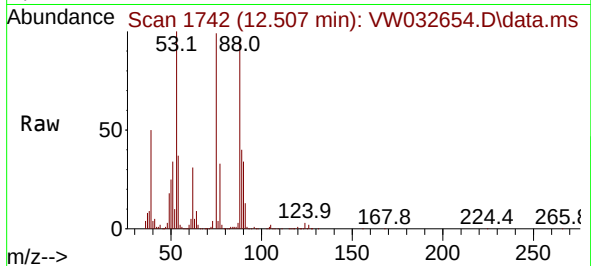




#81  
trans-1,4-Dichloro-2-butene  
Concen: 42.638 ug/l  
RT: 12.507 min Scan# 1742  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

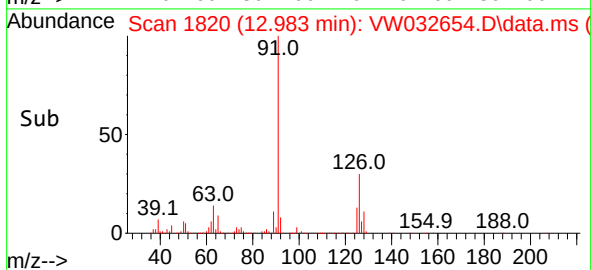
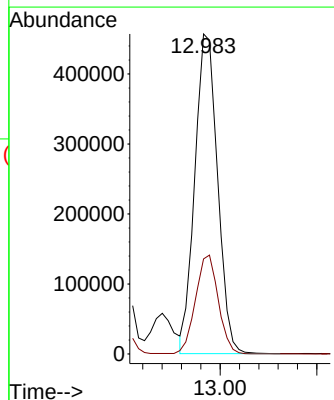
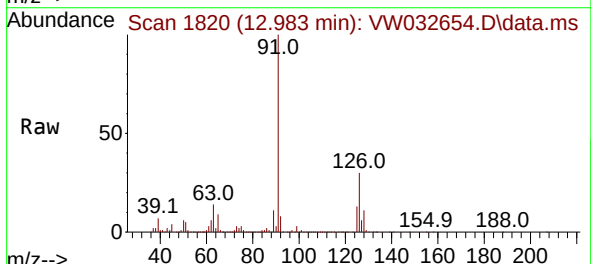
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICCC050

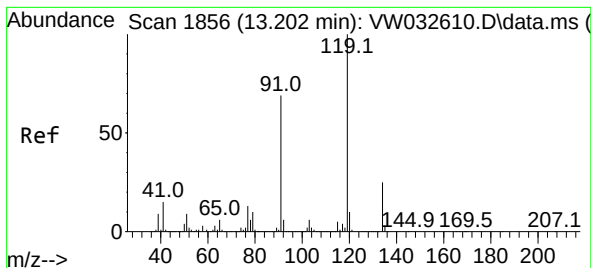
Tgt Ion: 75 Resp: 71116  
Ion Ratio Lower Upper  
75 100  
53 104.3 86.1 129.1  
89 44.4 37.4 56.2



#82  
4-Chlorotoluene  
Concen: 43.329 ug/l  
RT: 12.983 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 91 Resp: 747177  
Ion Ratio Lower Upper  
91 100  
126 30.9 15.8 47.4





#83

tert-Butylbenzene

Concen: 45.750 ug/l

RT: 13.202 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

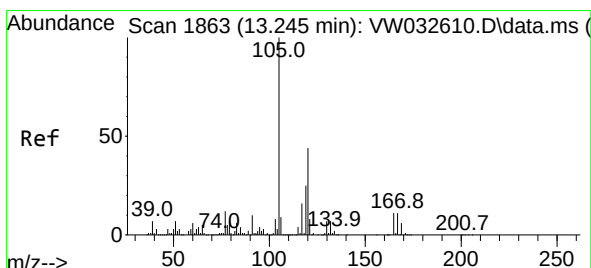
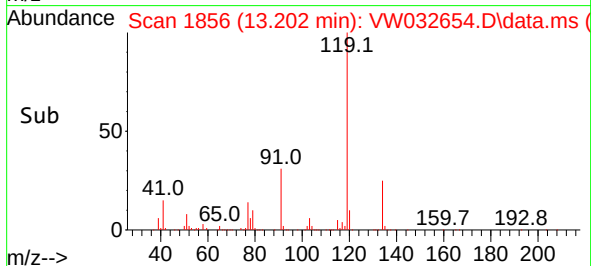
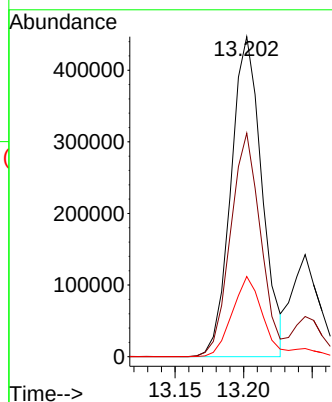
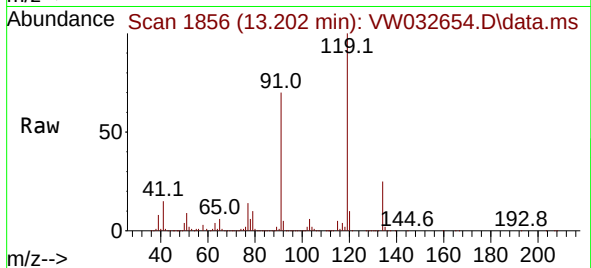
Tgt Ion:119 Resp: 704318

Ion Ratio Lower Upper

119 100

91 67.6 34.3 102.8

134 24.4 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 43.931 ug/l

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW032654.D

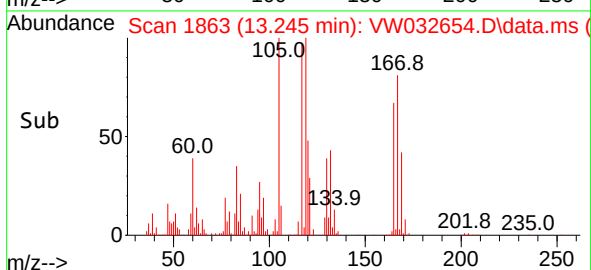
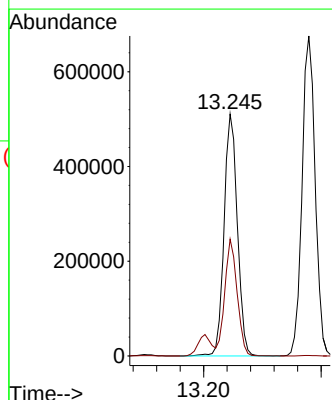
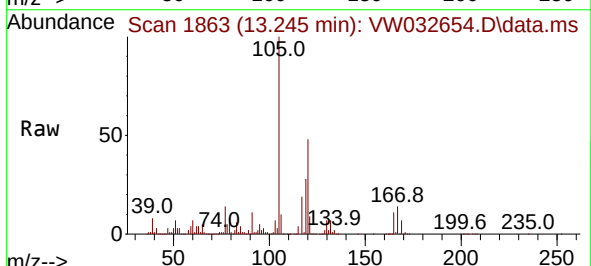
Acq: 16 Dec 2025 14:10

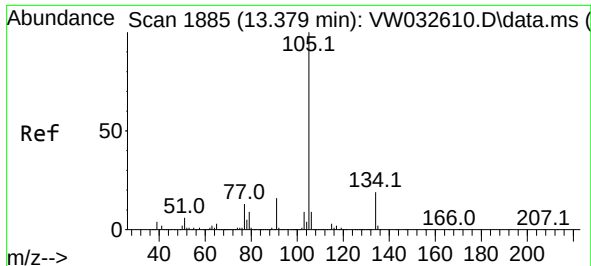
Tgt Ion:105 Resp: 800649

Ion Ratio Lower Upper

105 100

120 45.0 22.4 67.0

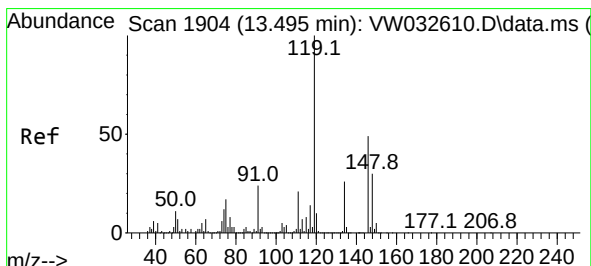
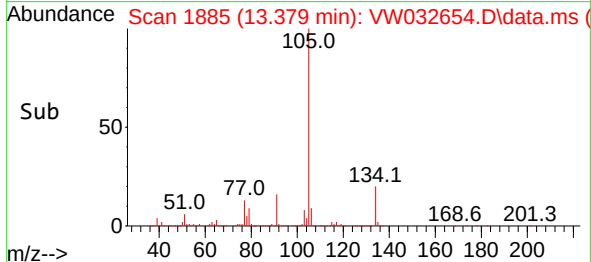
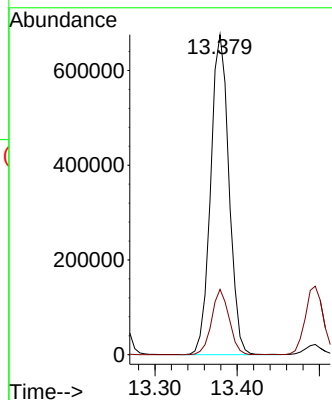
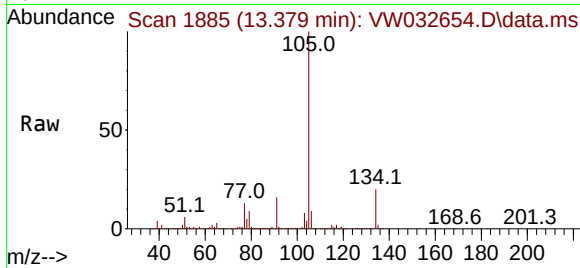




#85  
 sec-Butylbenzene  
 Concen: 44.387 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

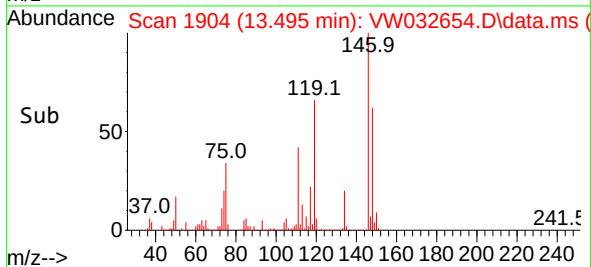
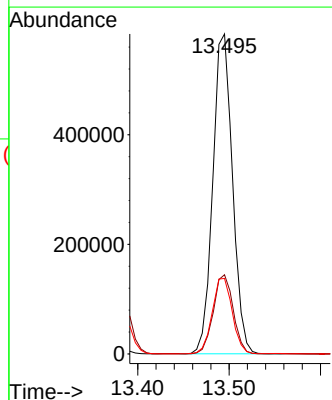
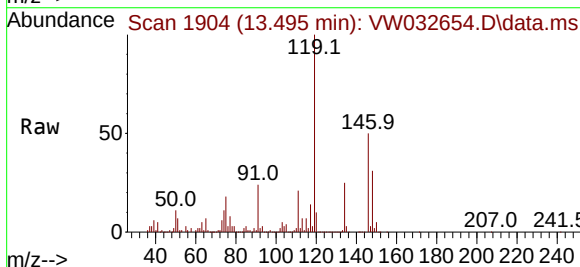
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

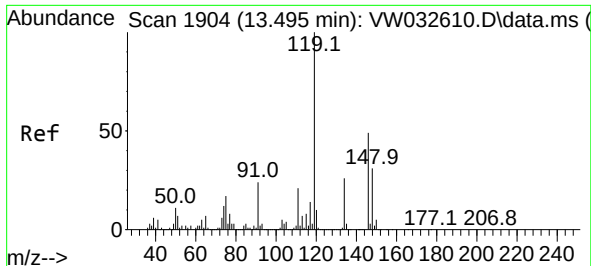
Tgt Ion:105 Resp: 1042544  
 Ion Ratio Lower Upper  
 105 100  
 134 19.5 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 45.388 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion:119 Resp: 872940  
 Ion Ratio Lower Upper  
 119 100  
 134 25.1 13.0 39.0  
 91 24.1 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 43.670 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

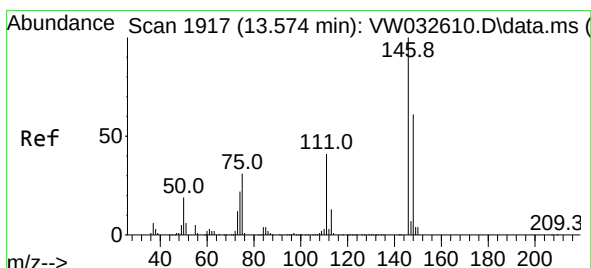
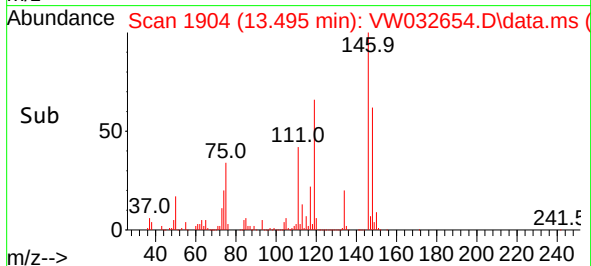
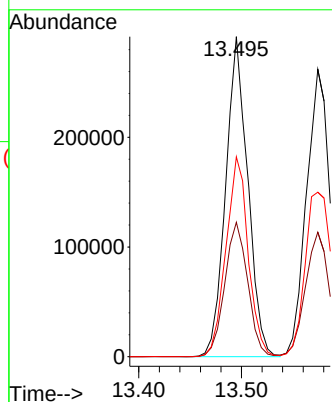
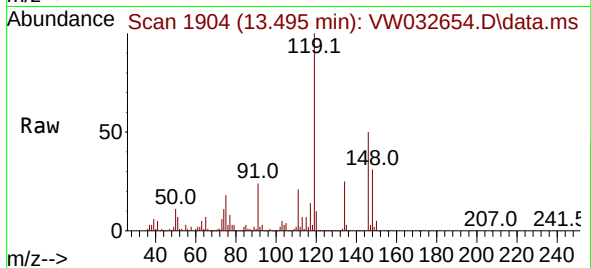
Tgt Ion:146 Resp: 435747

Ion Ratio Lower Upper

146 100

111 43.4 21.6 64.6

148 63.0 31.1 93.3



#88

1,4-Dichlorobenzene

Concen: 42.127 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

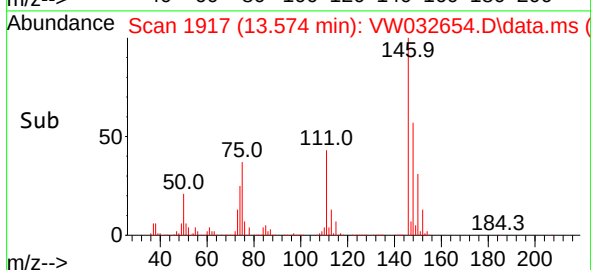
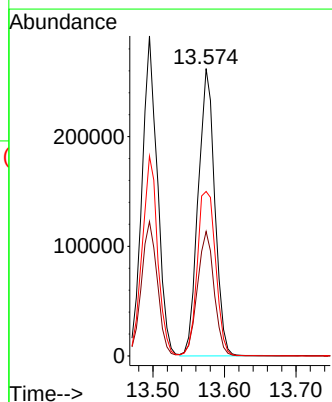
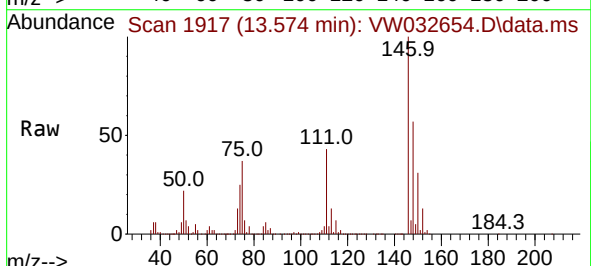
Tgt Ion:146 Resp: 422282

Ion Ratio Lower Upper

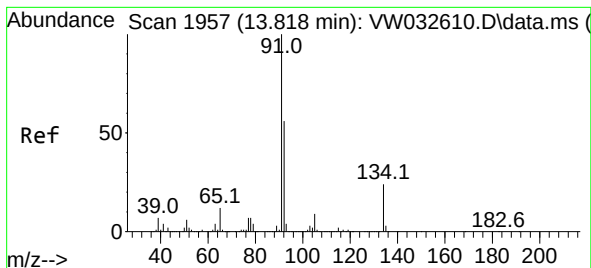
146 100

111 43.6 20.9 62.8

148 63.7 30.4 91.2







#89

n-Butylbenzene

Concen: 43.843 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

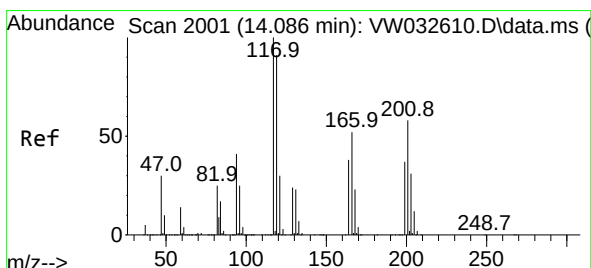
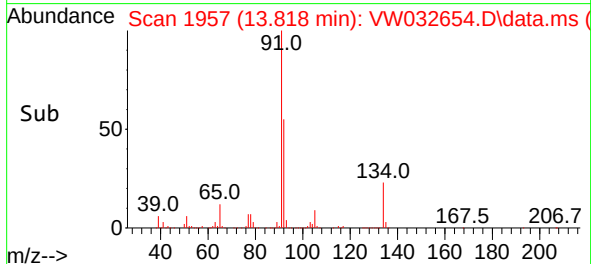
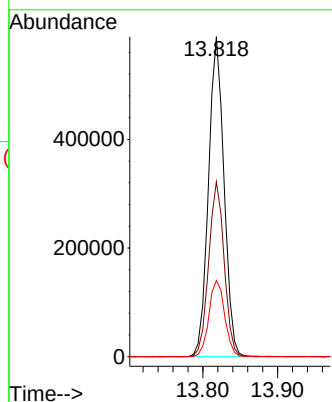
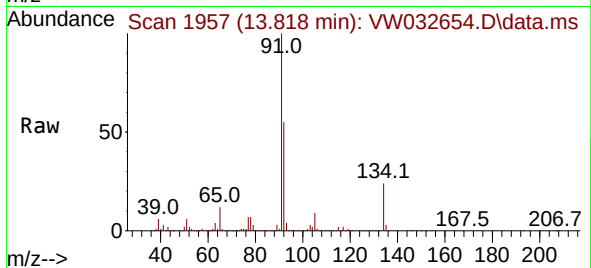
Tgt Ion: 91 Resp: 847978

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.0

134 24.2 11.8 35.4



#90

Hexachloroethane

Concen: 43.461 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW032654.D

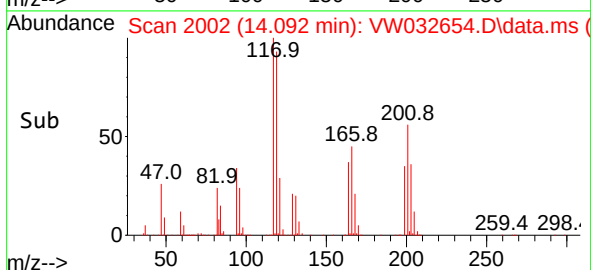
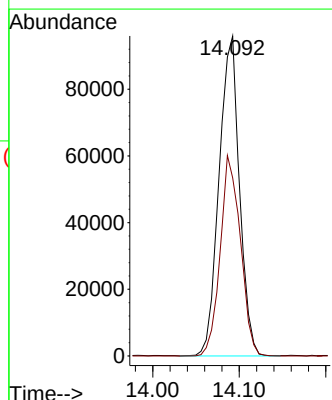
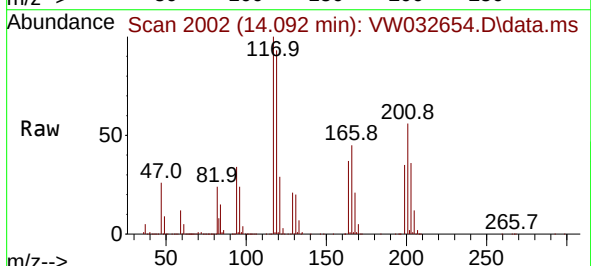
Acq: 16 Dec 2025 14:10

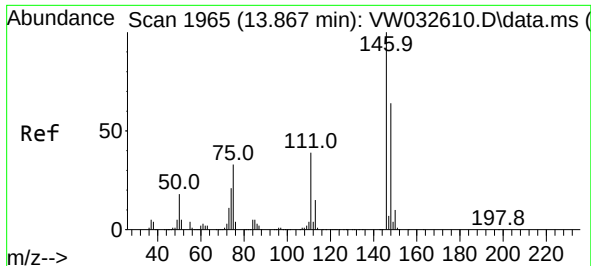
Tgt Ion: 117 Resp: 157101

Ion Ratio Lower Upper

117 100

201 61.9 30.4 91.2

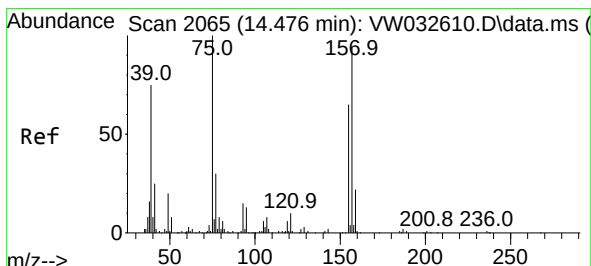
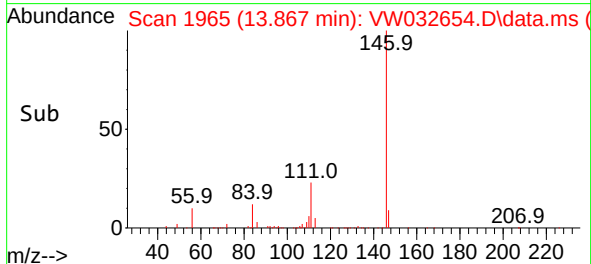
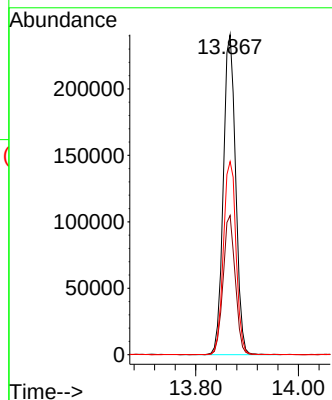
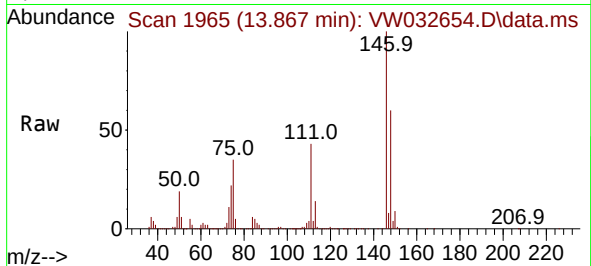




#91  
1,2-Dichlorobenzene  
Concen: 44.179 ug/l  
RT: 13.867 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

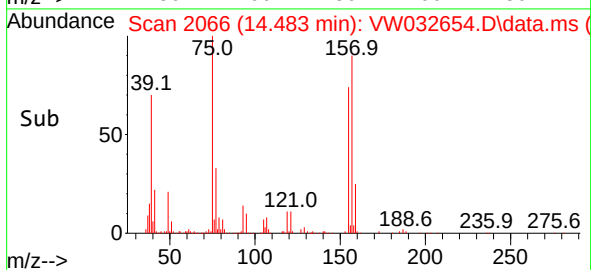
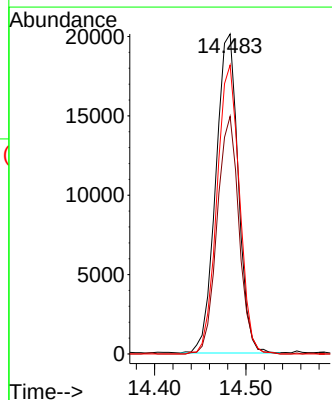
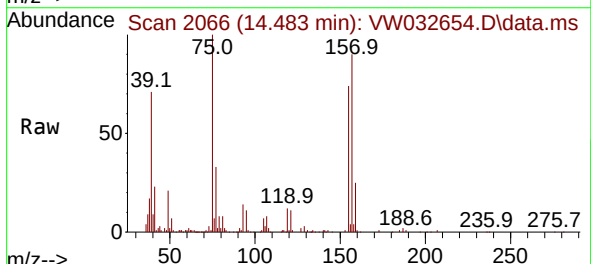
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MSVOA\_W  
ClientSampleId :  
VSTDICCC050

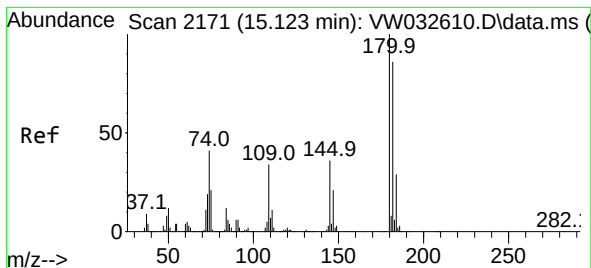
Tgt Ion:146 Resp: 399062  
Ion Ratio Lower Upper  
146 100  
111 42.8 21.5 64.5  
148 62.1 32.4 97.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 39.104 ug/l  
RT: 14.483 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VW032654.D  
Acq: 16 Dec 2025 14:10

Tgt Ion: 75 Resp: 34411  
Ion Ratio Lower Upper  
75 100  
155 72.3 35.3 105.9  
157 90.2 44.8 134.4





#93

1,2,4-Trichlorobenzene

Concen: 41.986 ug/l

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICCC050

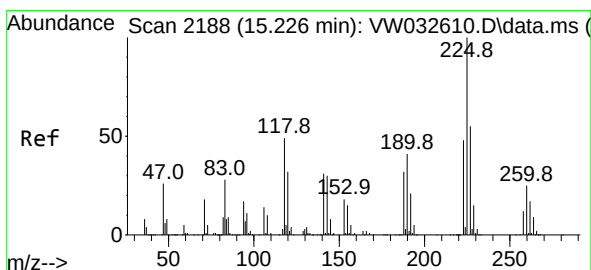
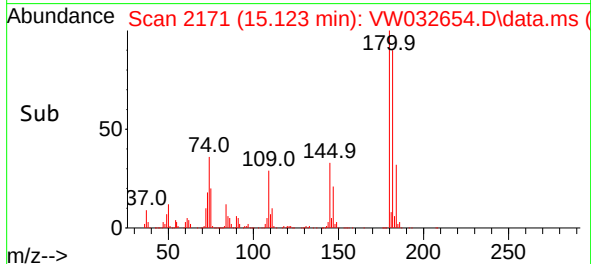
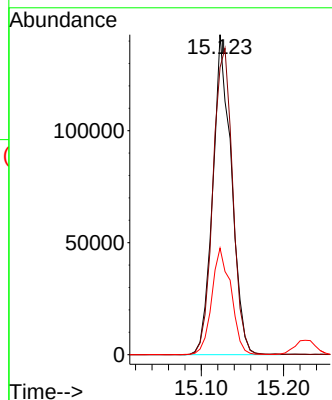
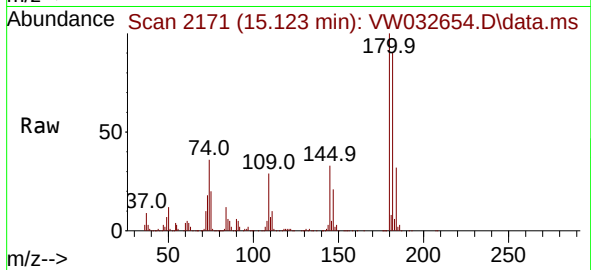
Tgt Ion:180 Resp: 224494

Ion Ratio Lower Upper

180 100

182 101.2 46.9 140.6

145 34.6 17.1 51.3



#94

Hexachlorobutadiene

Concen: 39.253 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VW032654.D

Acq: 16 Dec 2025 14:10

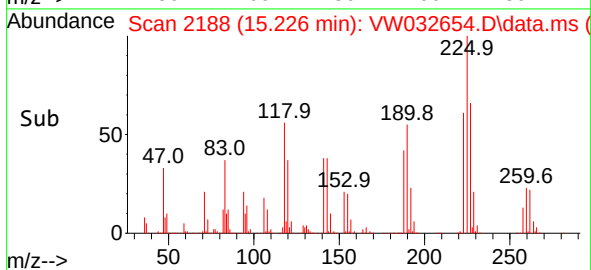
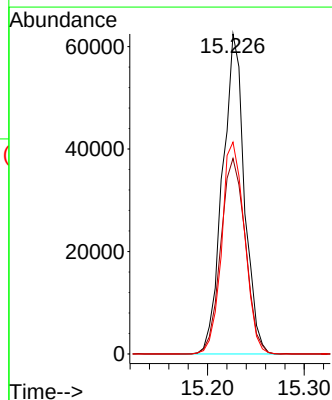
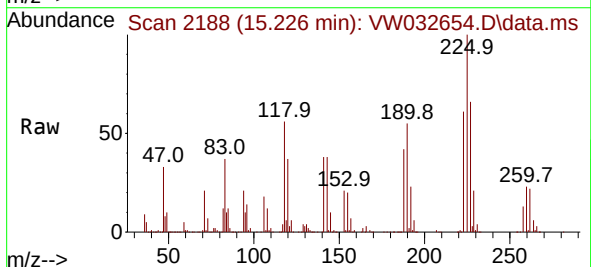
Tgt Ion:225 Resp: 98081

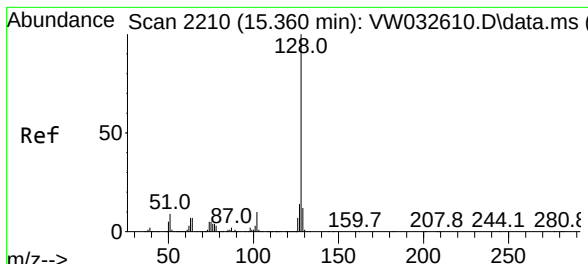
Ion Ratio Lower Upper

225 100

223 68.4 30.3 90.8

227 68.9 29.1 87.4



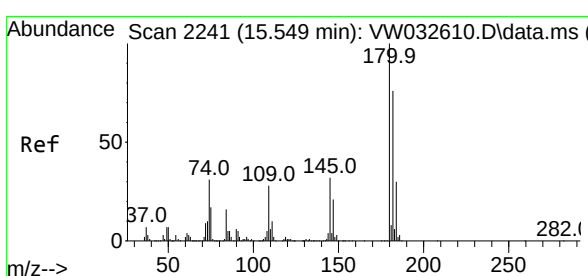
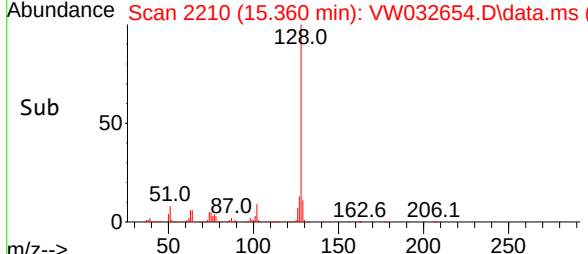
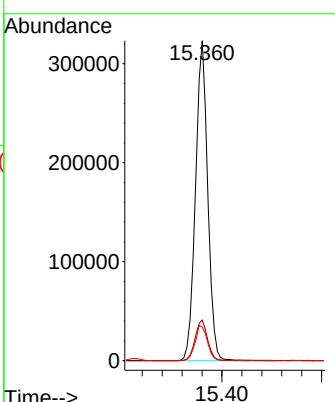
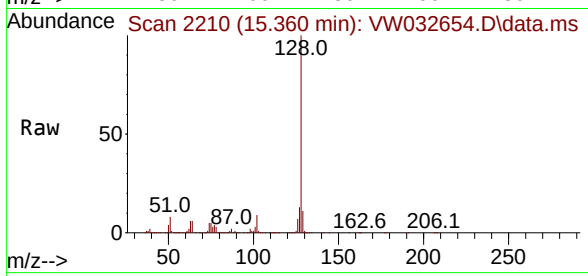


#95  
 Naphthalene  
 Concen: 43.713 ug/l  
 RT: 15.360 min Scan# 2210  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICCC050

Tgt Ion:128 Resp: 549462

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.5  | 15.7  |
| 129 | 11.0  | 9.0   | 13.6  |



#96  
 1,2,3-Trichlorobenzene  
 Concen: 45.887 ug/l  
 RT: 15.549 min Scan# 2241  
 Delta R.T. -0.000 min  
 Lab File: VW032654.D  
 Acq: 16 Dec 2025 14:10

Tgt Ion:180 Resp: 220433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 94.6  | 45.9  | 137.6 |
| 145 | 34.1  | 17.0  | 51.0  |

