

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121625\  
 Data File : VW032659.D  
 Acq On : 16 Dec 2025 16:22  
 Operator : SY/MD  
 Sample : VSTDICV050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW121625

Quant Time: Dec 17 01:04:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 00:58:18 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.959  | 168  | 360242   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 624751   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 554239   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 261475   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 8.319  | 65    | 233130   | 45.113   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | =    | 90.220% |
| 35) Dibromofluoromethane    | 7.898  | 113   | 185928   | 45.796   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | =    | 91.600% |
| 50) Toluene-d8              | 10.325 | 98    | 718820   | 46.986   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | =    | 93.980% |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 266907   | 47.434   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | =    | 94.860% |

|                              |       |     |         |         |      |     |
|------------------------------|-------|-----|---------|---------|------|-----|
| Target Compounds             |       |     |         | Qvalue  |      |     |
| 2) Dichlorodifluoromethane   | 2.040 | 85  | 101140  | 48.248  | ug/l | 99  |
| 3) Chloromethane             | 2.253 | 50  | 170609  | 45.858  | ug/l | 97  |
| 4) Vinyl Chloride            | 2.399 | 62  | 226473  | 48.042  | ug/l | 99  |
| 5) Bromomethane              | 2.814 | 94  | 147019  | 47.727  | ug/l | 95  |
| 6) Chloroethane              | 2.960 | 64  | 149588  | 49.177  | ug/l | 95  |
| 7) Trichlorofluoromethane    | 3.308 | 101 | 213414  | 51.792  | ug/l | 97  |
| 8) Diethyl Ether             | 3.716 | 74  | 131380  | 50.334  | ug/l | 97  |
| 9) 1,1,2-Trichlorotrifluo... | 4.106 | 101 | 198723  | 48.436  | ug/l | 99  |
| 10) Methyl Iodide            | 4.308 | 142 | 280051  | 48.326  | ug/l | 99  |
| 11) Tert butyl alcohol       | 5.210 | 59  | 98964   | 290.081 | ug/l | 99  |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 212633  | 49.340  | ug/l | 93  |
| 13) Acrolein                 | 3.930 | 56  | 107416  | 220.345 | ug/l | 97  |
| 14) Allyl chloride           | 4.704 | 41  | 399457  | 50.978  | ug/l | 100 |
| 15) Acrylonitrile            | 5.405 | 53  | 393614  | 274.018 | ug/l | 99  |
| 16) Acetone                  | 4.161 | 43  | 479673  | 270.240 | ug/l | 98  |
| 17) Carbon Disulfide         | 4.417 | 76  | 592252  | 48.865  | ug/l | 97  |
| 18) Methyl Acetate           | 4.704 | 43  | 195165  | 57.355  | ug/l | 99  |
| 19) Methyl tert-butyl Ether  | 5.460 | 73  | 466967  | 53.066  | ug/l | 98  |
| 20) Methylene Chloride       | 4.954 | 84  | 247185  | 51.299  | ug/l | 97  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 234156  | 50.235  | ug/l | 96  |
| 22) Diisopropyl ether        | 6.338 | 45  | 814485  | 51.597  | ug/l | 98  |
| 23) Vinyl Acetate            | 6.283 | 43  | 2845075 | 271.403 | ug/l | 100 |
| 24) 1,1-Dichloroethane       | 6.246 | 63  | 463583  | 50.599  | ug/l | 99  |
| 25) 2-Butanone               | 7.191 | 43  | 581178  | 288.054 | ug/l | 98  |
| 26) 2,2-Dichloropropane      | 7.185 | 77  | 275987  | 50.321  | ug/l | 99  |
| 27) cis-1,2-Dichloroethene   | 7.191 | 96  | 276309  | 50.711  | ug/l | 99  |
| 28) Bromochloromethane       | 7.526 | 49  | 196664  | 56.723  | ug/l | 96  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 348631  | 286.899 | ug/l | 99  |
| 30) Chloroform               | 7.691 | 83  | 459642  | 50.406  | ug/l | 99  |
| 31) Cyclohexane              | 7.971 | 56  | 407646  | 47.994  | ug/l | 98  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 350267  | 50.434  | ug/l | 99  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 327899  | 52.152  | ug/l | 99  |
| 37) Ethyl Acetate            | 7.270 | 43  | 231599  | 55.467  | ug/l | 99  |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 306628  | 51.520  | ug/l | 98  |
| 39) Methylcyclohexane        | 9.343 | 83  | 423505  | 53.787  | ug/l | 96  |
| 40) Benzene                  | 8.337 | 78  | 972588  | 51.498  | ug/l | 99  |

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 Sample : VSTDICV050  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW121625

Quant Time: Dec 17 01:04:36 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 17 00:58:18 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.502  | 41   | 132135   | 57.087   | ug/l   | 96       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 317601   | 53.146   | ug/l   | 99       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 412479   | 56.744   | ug/l   | 98       |
| 44) Trichloroethene           | 9.099  | 130  | 227277   | 52.032   | ug/l   | 89       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 247292   | 51.342   | ug/l   | 96       |
| 46) Dibromomethane            | 9.465  | 93   | 143537   | 51.803   | ug/l   | 99       |
| 47) Bromodichloromethane      | 9.648  | 83   | 345578   | 52.919   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.441  | 41   | 209722   | 59.927   | ug/l   | 93       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 41992    | 1194.477 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 1186653  | 290.660  | ug/l   | 100      |
| 52) Toluene                   | 10.392 | 92   | 611878   | 52.615   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 345482   | 54.374   | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 391811   | 53.023   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 198522   | 52.846   | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 306354   | 58.724   | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 356109   | 53.512   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 717923   | 269.395  | ug/l   | 100      |
| 59) 2-Hexanone                | 10.971 | 43   | 870809   | 296.085  | ug/l   | 99       |
| 60) Dibromochloromethane      | 11.129 | 129  | 227861   | 54.738   | ug/l   | 97       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 189166   | 52.826   | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.861 | 164  | 187017   | 52.894   | ug/l   | 90       |
| 65) Chlorobenzene             | 11.660 | 112  | 684171   | 54.316   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.727 | 131  | 209647   | 54.370   | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.727 | 91   | 1198761  | 55.680   | ug/l   | 93       |
| 68) m/p-Xylenes               | 11.837 | 106  | 879189   | 107.067  | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 427196   | 56.946   | ug/l   | 99       |
| 70) Styrene                   | 12.178 | 104  | 722046   | 55.241   | ug/l   | 99       |
| 71) Bromoform                 | 12.349 | 173  | 121064   | 56.195   | ug/l # | 97       |
| 73) Isopropylbenzene          | 12.465 | 105  | 1077134  | 54.748   | ug/l   | 100      |
| 74) N-amyl acetate            | 12.269 | 43   | 374100   | 58.201   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 253688   | 54.253   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 328369   | 91.740   | ug/l   | 29       |
| 77) Bromobenzene              | 12.745 | 156  | 240769   | 53.111   | ug/l   | 97       |
| 78) n-propylbenzene           | 12.800 | 91   | 1353308  | 54.288   | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.891 | 91   | 795452   | 53.570   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 898773   | 54.796   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 86445    | 56.681   | ug/l   | 99       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 832013   | 52.765   | ug/l   | 99       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 767490   | 54.520   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 900222   | 54.018   | ug/l   | 100      |
| 85) sec-Butylbenzene          | 13.379 | 105  | 1160512  | 54.035   | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 959862   | 54.579   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 484471   | 53.098   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 481604   | 52.543   | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.818 | 91   | 973973   | 55.071   | ug/l   | 99       |
| 90) Hexachloroethane          | 14.086 | 117  | 174924   | 52.922   | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 419166   | 50.748   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.483 | 75   | 45814    | 56.936   | ug/l   | 96       |
| 93) 1,2,4-Trichlorobenzene    | 15.123 | 180  | 258175   | 52.804   | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 130258   | 57.011   | ug/l   | 96       |
| 95) Naphthalene               | 15.360 | 128  | 681960   | 59.333   | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.543 | 180  | 244097   | 55.570   | ug/l   | 96       |

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Sample : VSTDICV050  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

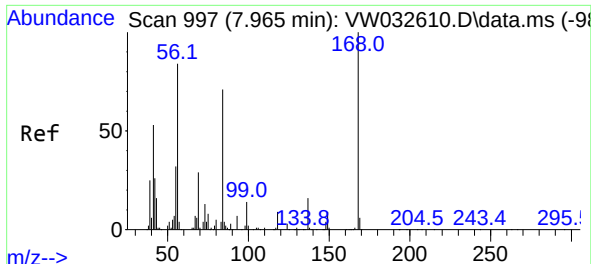
Quant Time: Dec 17 01:04:36 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 17 00:58:18 2025  
Response via : Initial Calibration

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

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W121625S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 17 00:58:18 2025  
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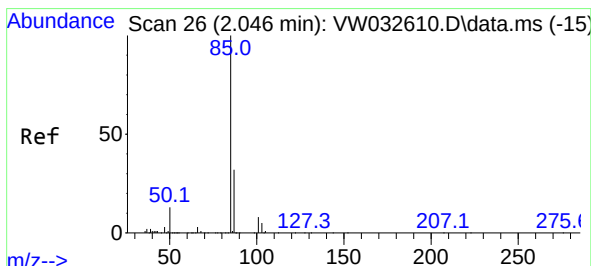
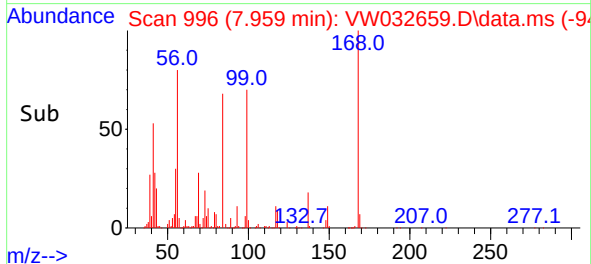
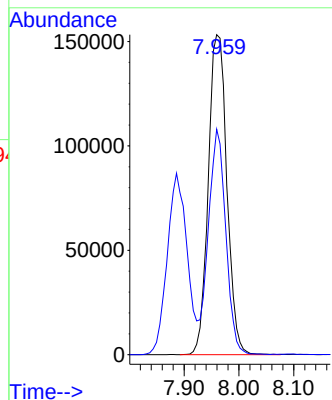
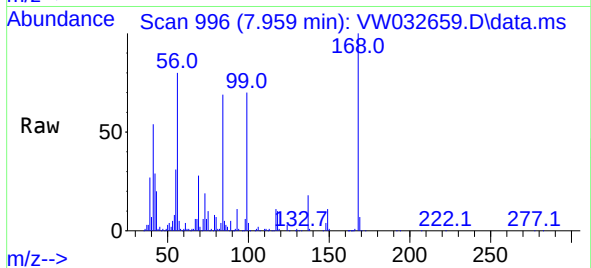




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.959 min Scan# 99  
Delta R.T. 0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

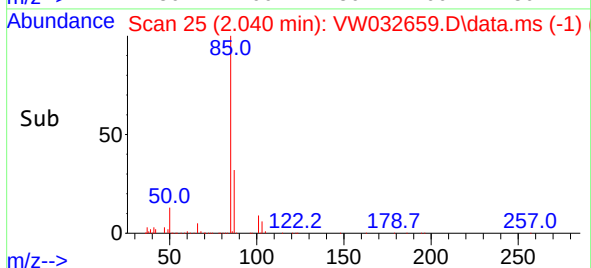
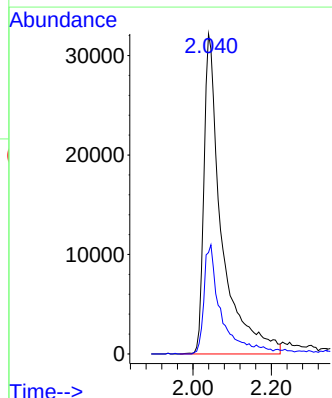
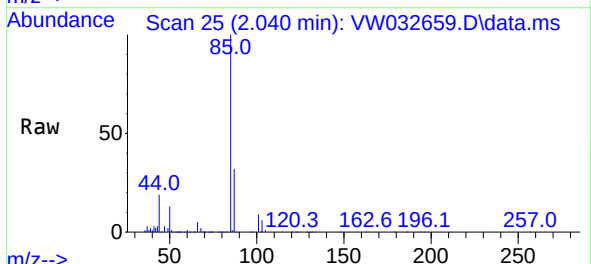
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

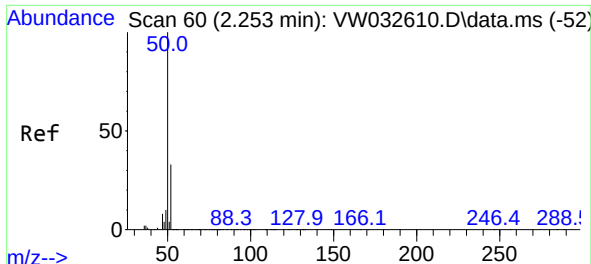
Tgt Ion:168 Resp: 360242  
Ion Ratio Lower Upper  
168 100  
99 70.3 47.8 71.8



#2  
Dichlorodifluoromethane  
Concen: 48.248 ug/l  
RT: 2.040 min Scan# 25  
Delta R.T. -0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 85 Resp: 101140  
Ion Ratio Lower Upper  
85 100  
87 31.7 16.1 48.3

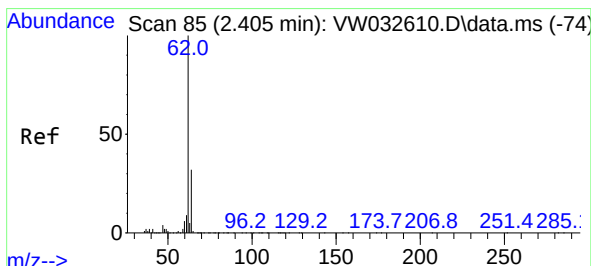
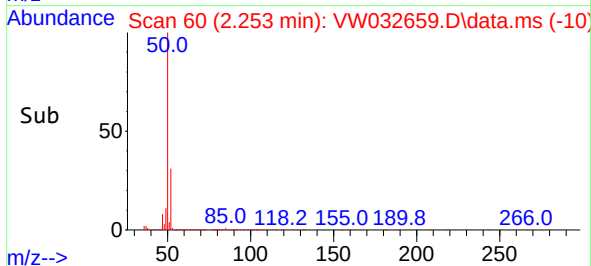
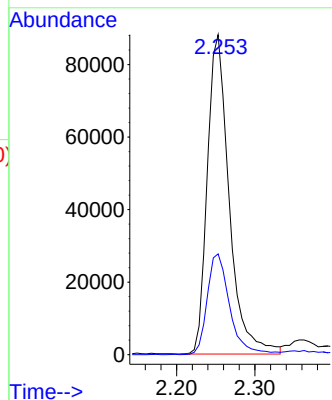
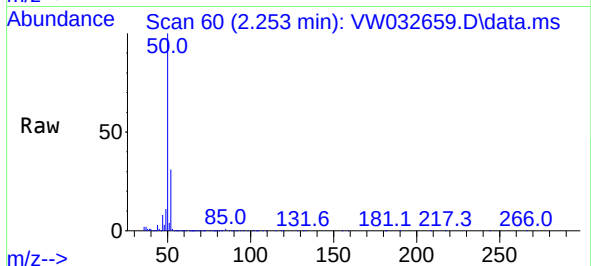




#3  
Chloromethane  
Concen: 45.858 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

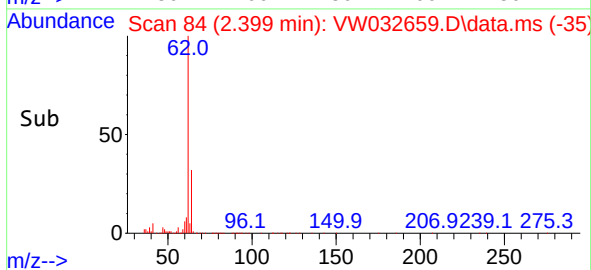
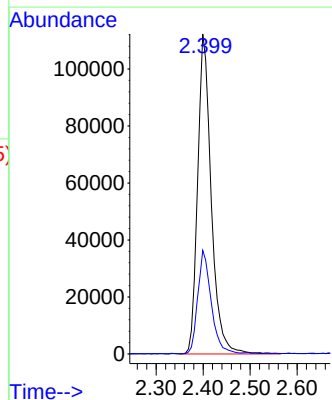
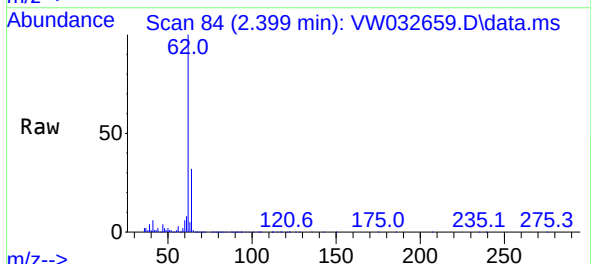
Instrument :  
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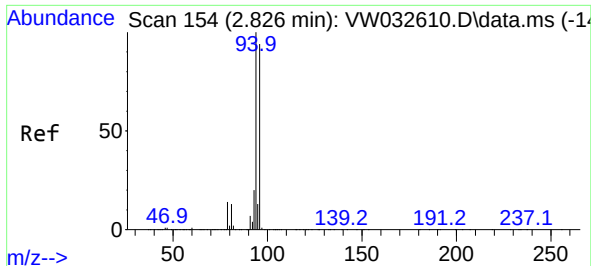
Tgt Ion: 50 Resp: 170609  
Ion Ratio Lower Upper  
50 100  
52 31.5 26.6 40.0



#4  
Vinyl Chloride  
Concen: 48.042 ug/l  
RT: 2.399 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 62 Resp: 226473  
Ion Ratio Lower Upper  
62 100  
64 32.3 25.3 37.9

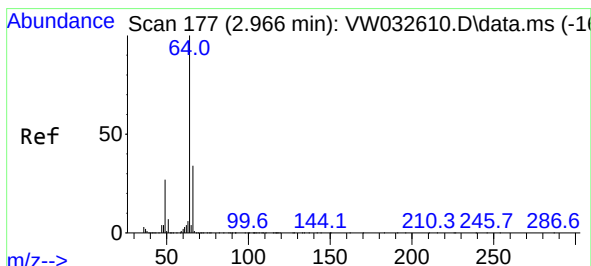
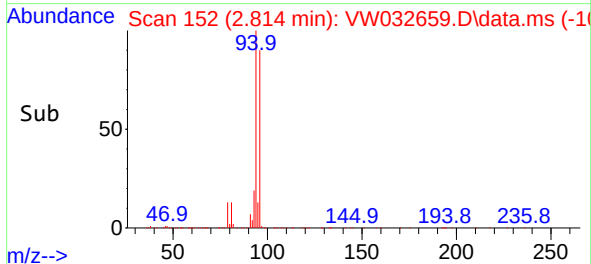
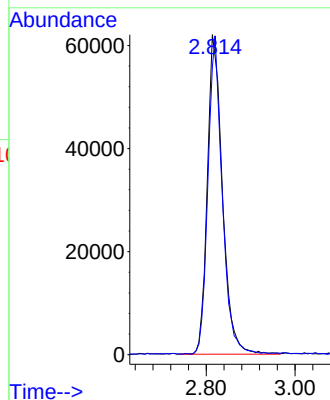
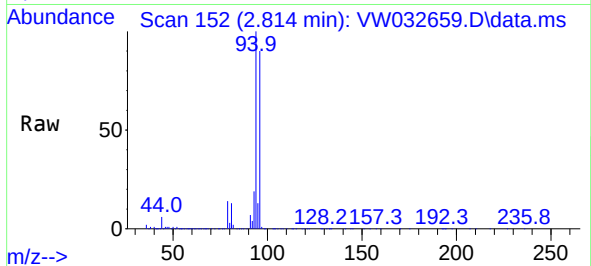




#5  
Bromomethane  
Concen: 47.727 ug/l  
RT: 2.814 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

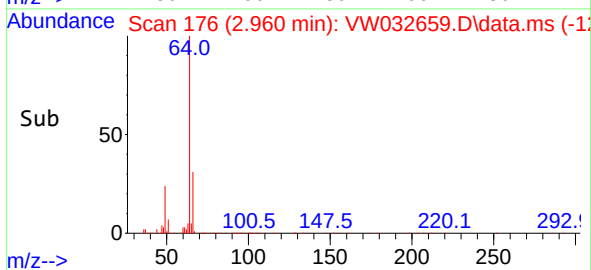
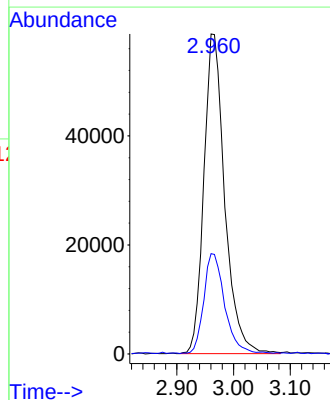
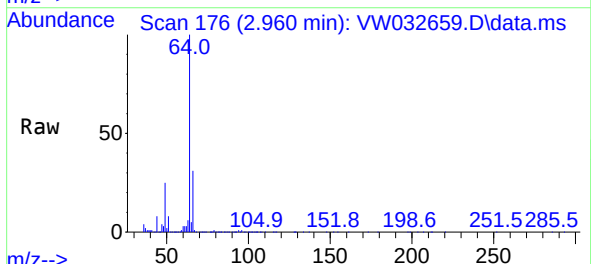
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

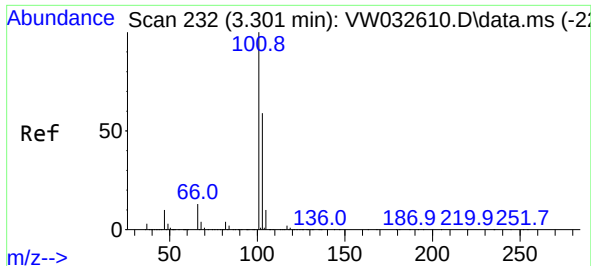
Tgt Ion: 94 Resp: 147019  
Ion Ratio Lower Upper  
94 100  
96 89.7 75.4 113.2



#6  
Chloroethane  
Concen: 49.177 ug/l  
RT: 2.960 min Scan# 176  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 64 Resp: 149588  
Ion Ratio Lower Upper  
64 100  
66 31.2 27.3 40.9

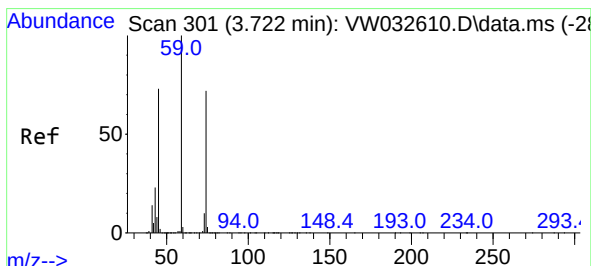
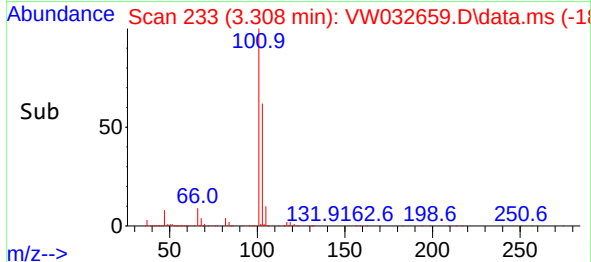
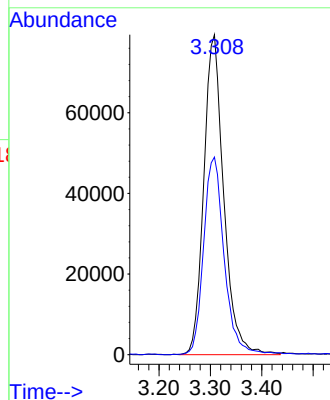
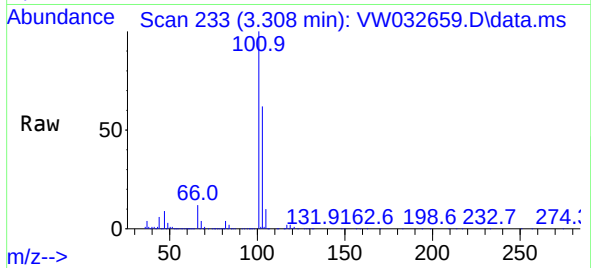




#7  
Trichlorofluoromethane  
Concen: 51.792 ug/l  
RT: 3.308 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

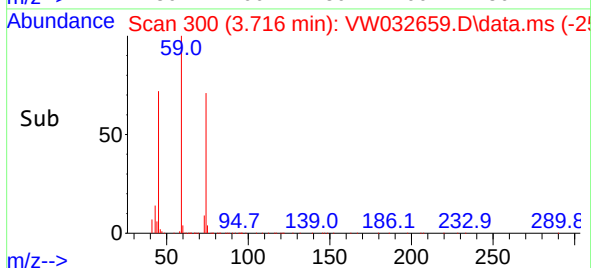
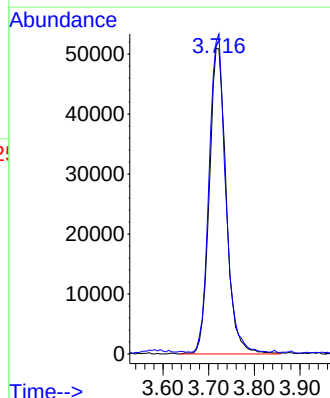
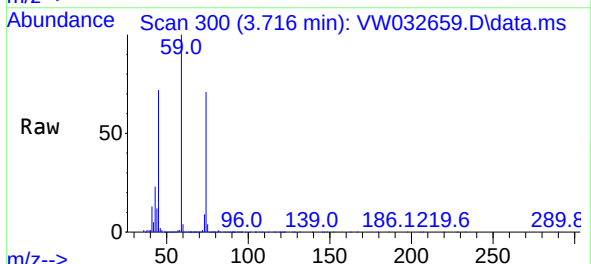
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

Tgt Ion:101 Resp: 213414  
Ion Ratio Lower Upper  
101 100  
103 61.6 47.3 70.9

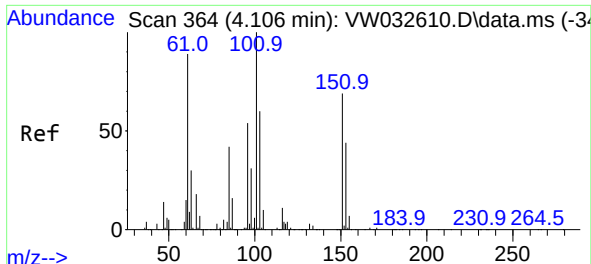


#8  
Diethyl Ether  
Concen: 50.334 ug/l  
RT: 3.716 min Scan# 300  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 74 Resp: 131380  
Ion Ratio Lower Upper  
74 100  
45 101.7 52.4 157.2



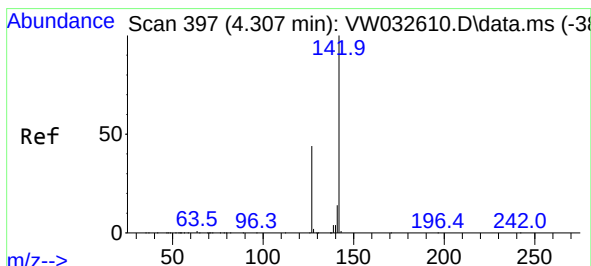
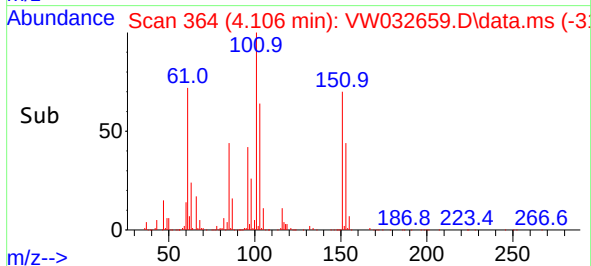
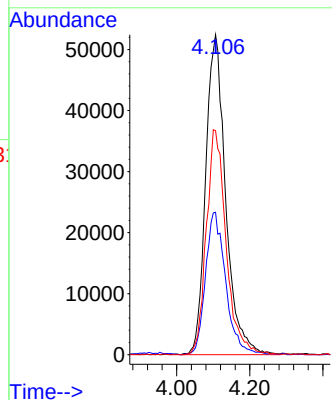
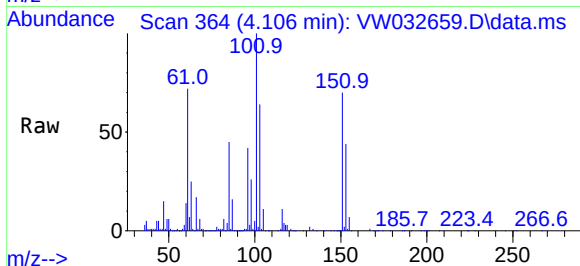




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 48.436 ug/l  
RT: 4.106 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

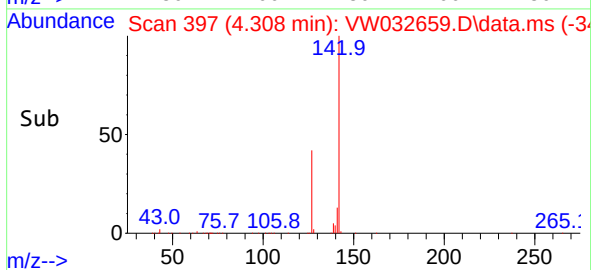
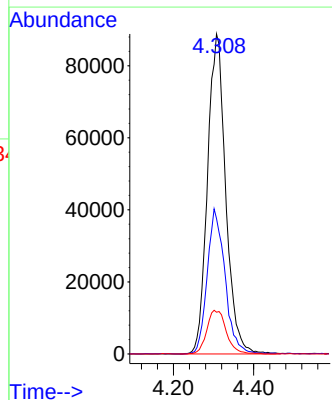
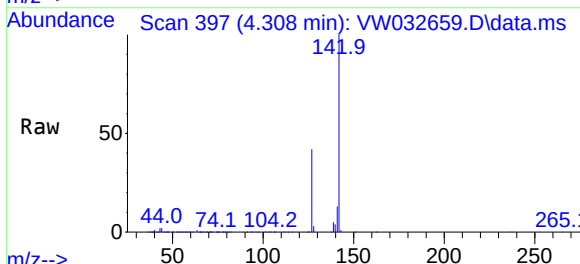
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

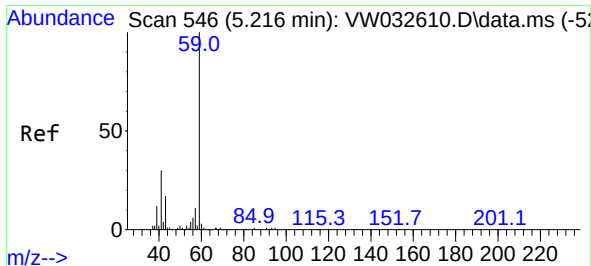
Tgt Ion:101 Resp: 198723  
Ion Ratio Lower Upper  
101 100  
85 45.0 35.4 53.2  
151 69.7 56.7 85.1



#10  
Methyl Iodide  
Concen: 48.326 ug/l  
RT: 4.308 min Scan# 397  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:142 Resp: 280051  
Ion Ratio Lower Upper  
142 100  
127 44.4 36.0 54.0  
141 14.6 11.6 17.4

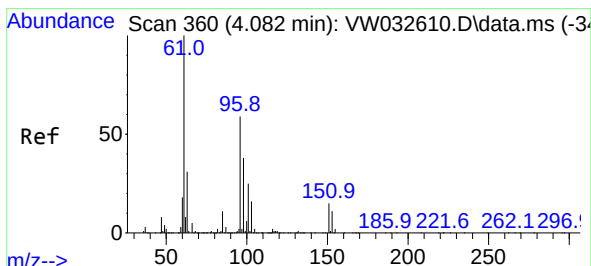
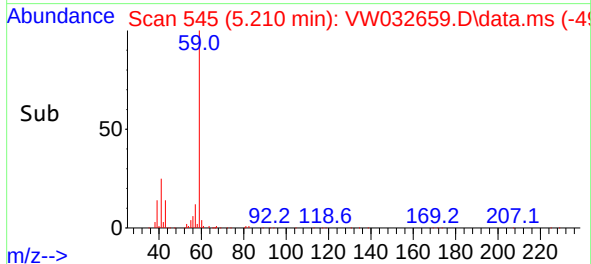
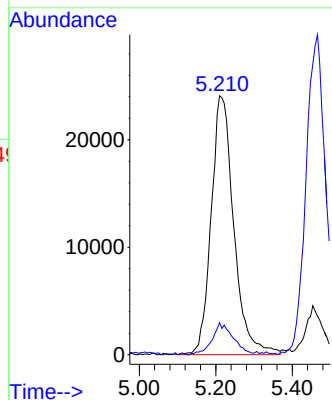
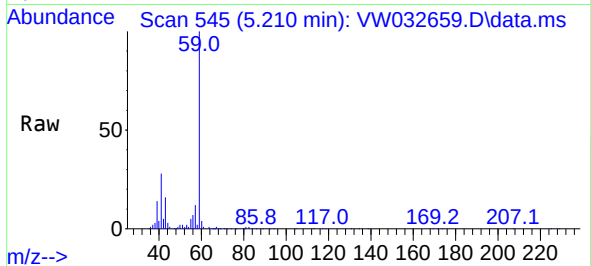




#11  
Tert butyl alcohol  
Concen: 290.081 ug/l  
RT: 5.210 min Scan# 54  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

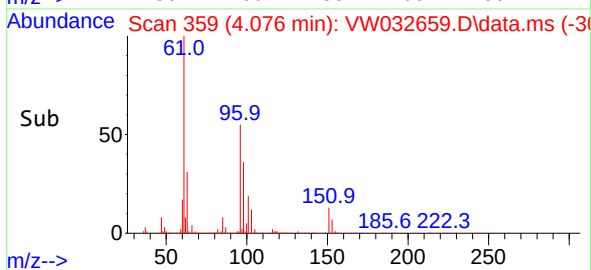
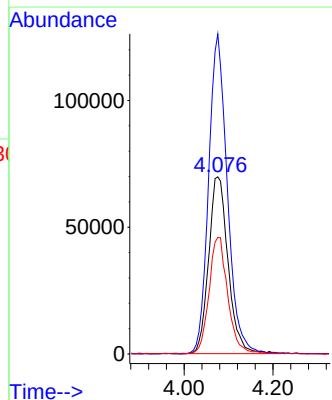
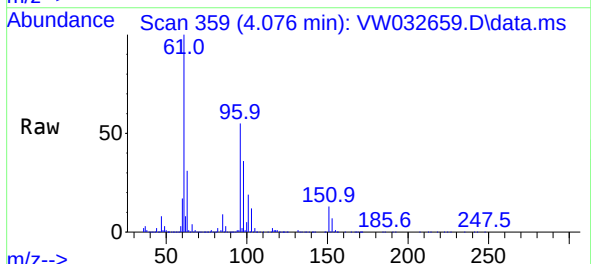
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

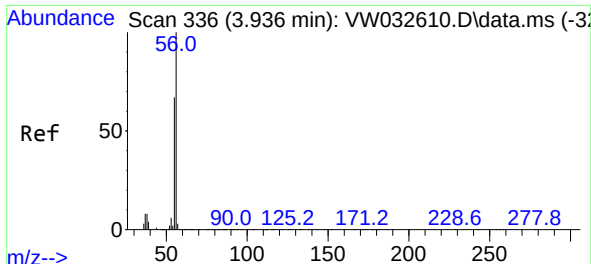
Tgt Ion: 59 Resp: 98964  
Ion Ratio Lower Upper  
59 100  
57 11.3 9.4 14.0



#12  
1,1-Dichloroethene  
Concen: 49.340 ug/l  
RT: 4.076 min Scan# 359  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 96 Resp: 212633  
Ion Ratio Lower Upper  
96 100  
61 181.0 134.6 202.0  
98 65.8 51.1 76.7

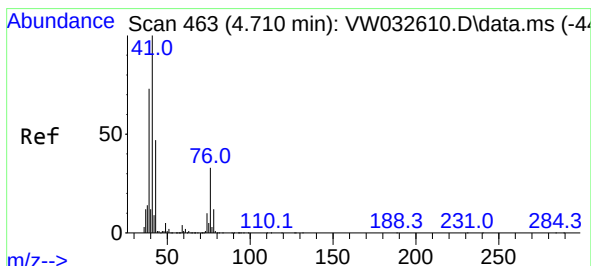
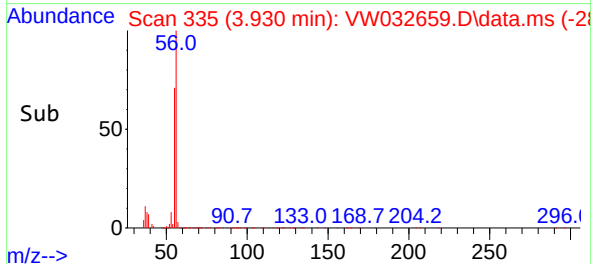
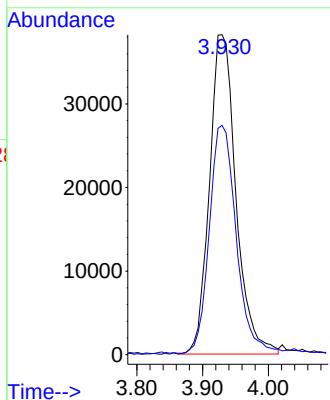
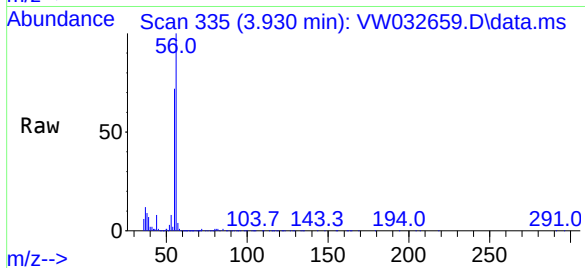




#13  
Acrolein  
Concen: 220.345 ug/l  
RT: 3.930 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

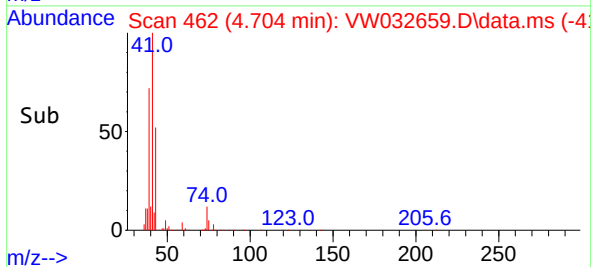
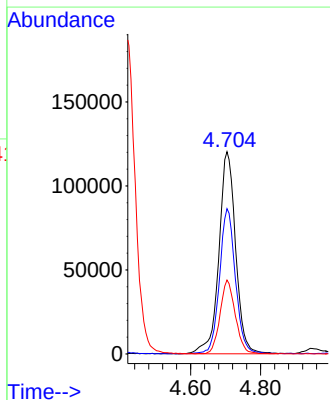
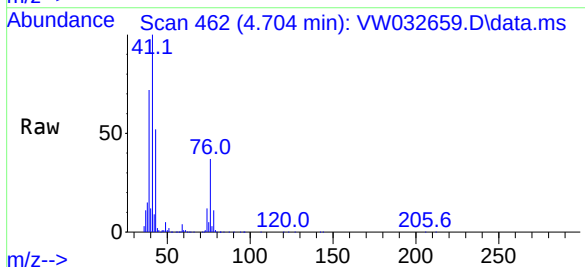
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

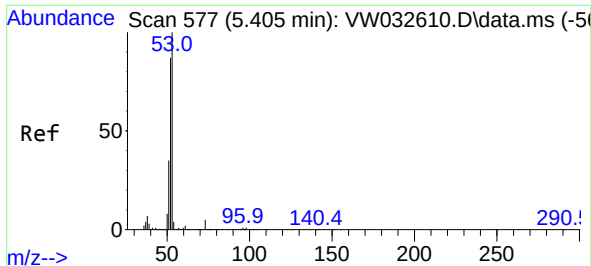
Tgt Ion: 56 Resp: 107416  
Ion Ratio Lower Upper  
56 100  
55 72.8 56.0 84.0



#14  
Allyl chloride  
Concen: 50.978 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 41 Resp: 399457  
Ion Ratio Lower Upper  
41 100  
39 67.9 54.2 81.2  
76 33.0 26.3 39.5

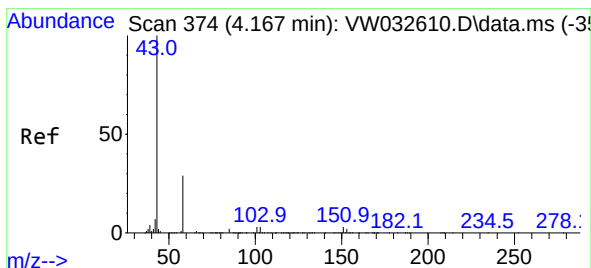
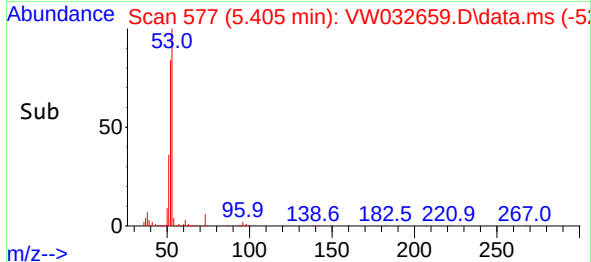
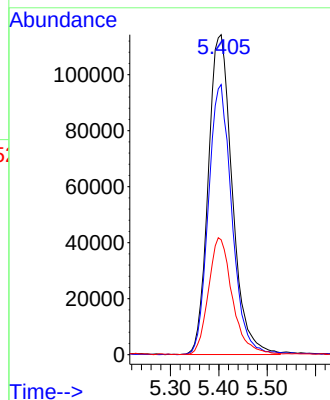
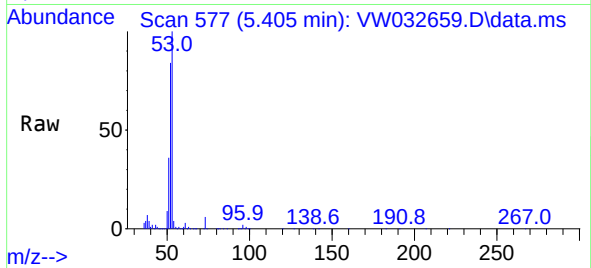




#15  
Acrylonitrile  
Concen: 274.018 ug/l  
RT: 5.405 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

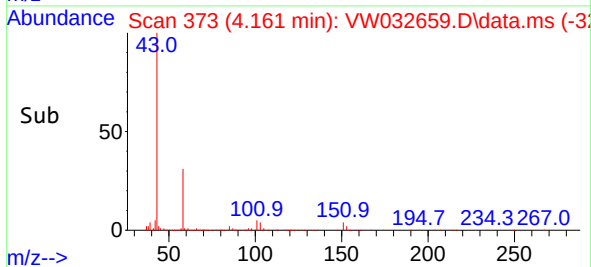
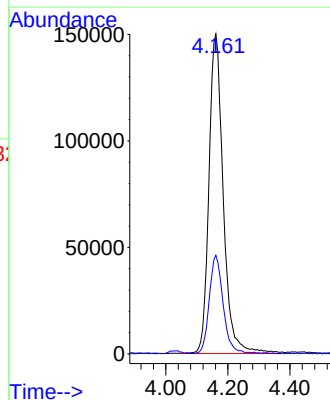
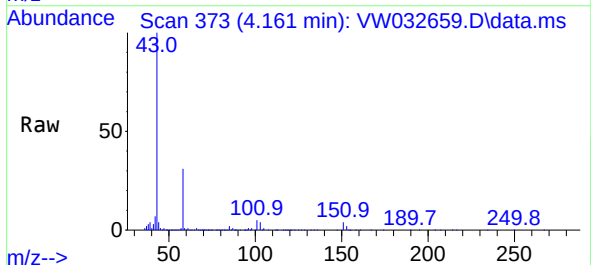
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

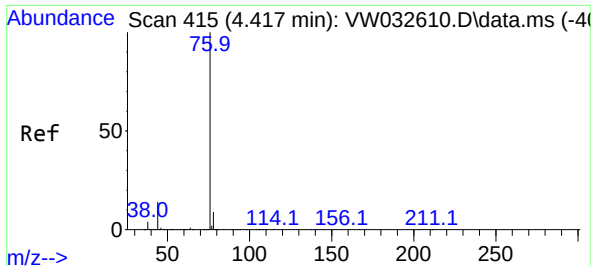
Tgt Ion: 53 Resp: 393614  
Ion Ratio Lower Upper  
53 100  
52 83.0 66.7 100.1  
51 36.4 29.8 44.6



#16  
Acetone  
Concen: 270.240 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 43 Resp: 479673  
Ion Ratio Lower Upper  
43 100  
58 30.7 23.9 35.9

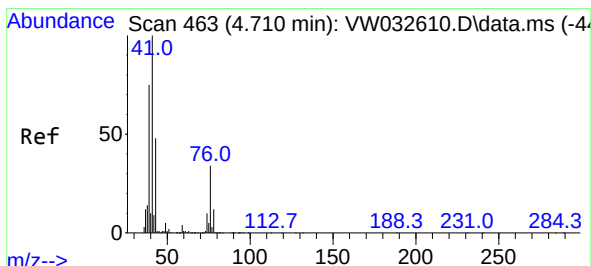
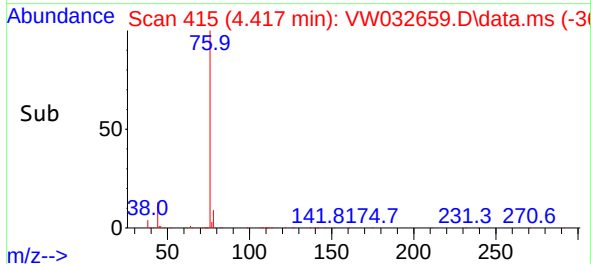
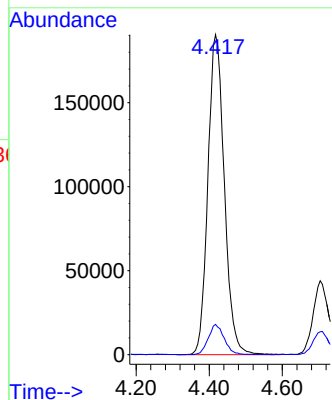
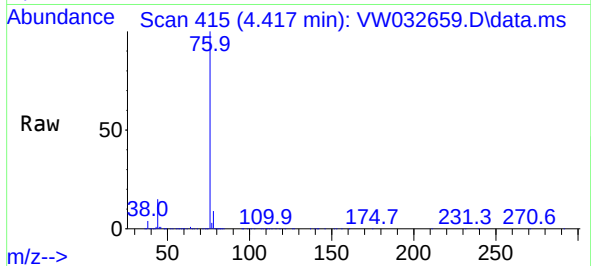




#17  
Carbon Disulfide  
Concen: 48.865 ug/l  
RT: 4.417 min Scan# 415  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

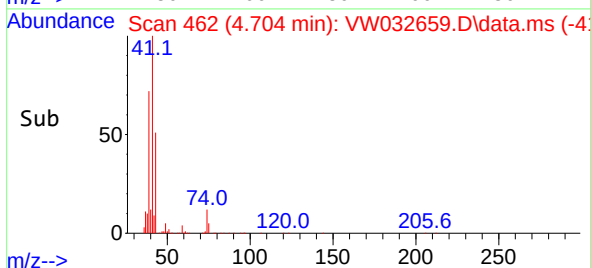
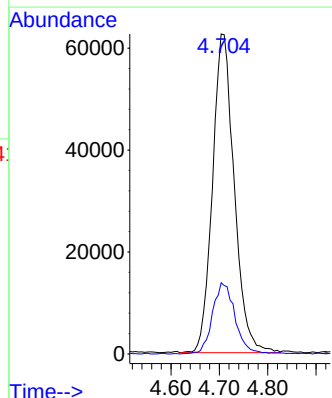
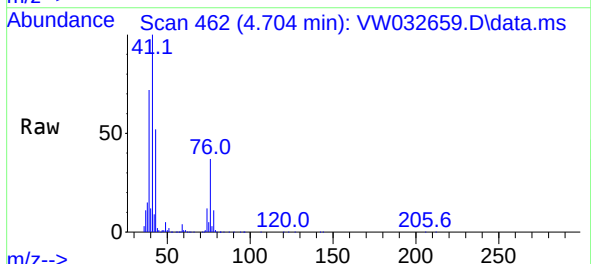
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

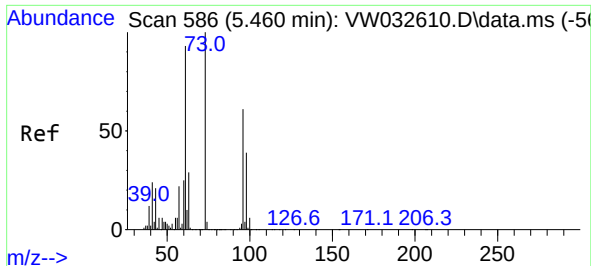
Tgt Ion: 76 Resp: 592252  
Ion Ratio Lower Upper  
76 100  
78 9.5 6.8 10.2



#18  
Methyl Acetate  
Concen: 57.355 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 43 Resp: 195165  
Ion Ratio Lower Upper  
43 100  
74 23.1 18.2 27.4

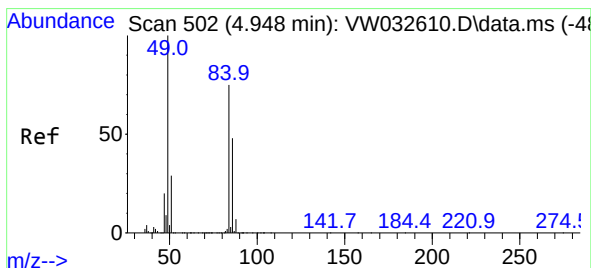
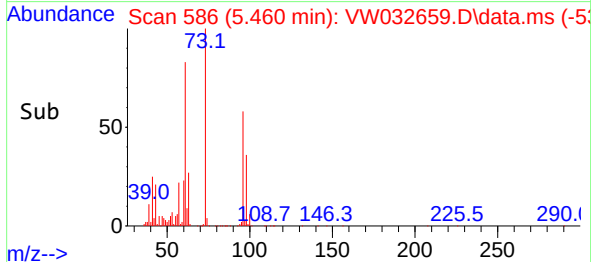
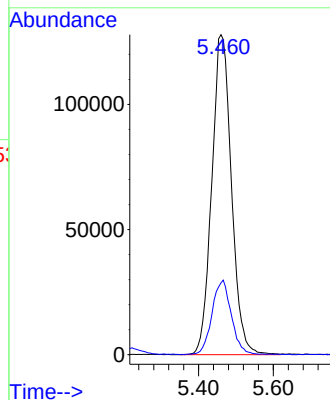
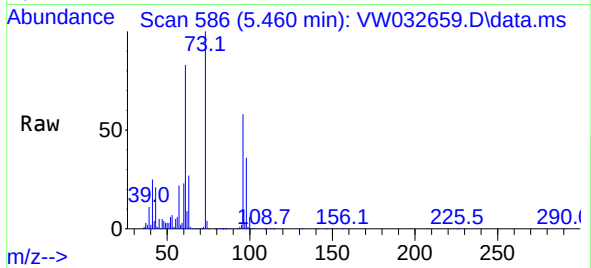




#19  
Methyl tert-butyl Ether  
Concen: 53.066 ug/l  
RT: 5.460 min Scan# 51  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

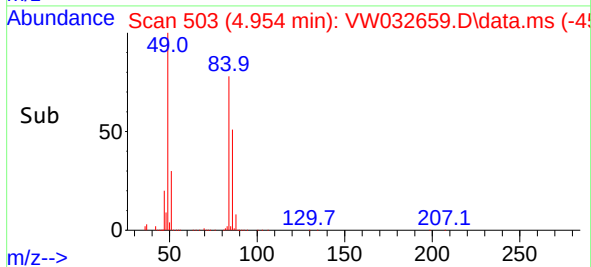
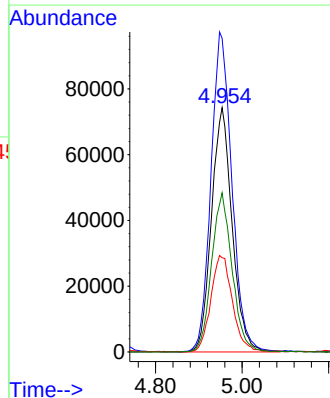
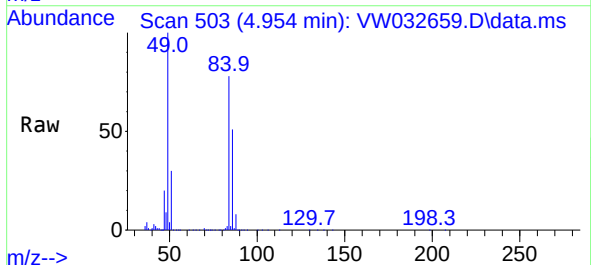
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

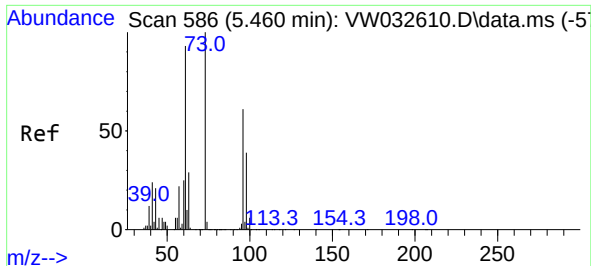
Tgt Ion: 73 Resp: 466967  
Ion Ratio Lower Upper  
73 100  
57 22.4 17.3 25.9



#20  
Methylene Chloride  
Concen: 51.299 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 84 Resp: 247185  
Ion Ratio Lower Upper  
84 100  
49 128.3 106.9 160.3  
51 38.5 31.4 47.2  
86 65.1 51.1 76.7

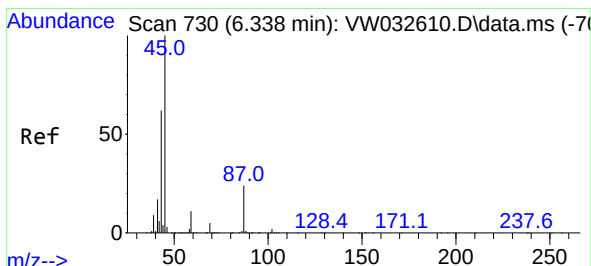
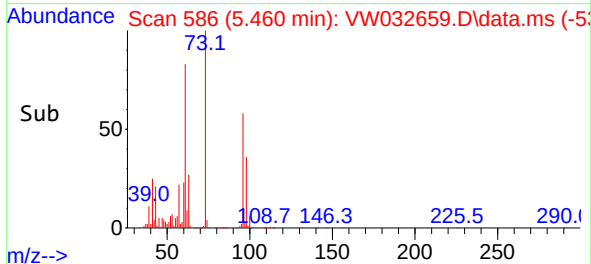
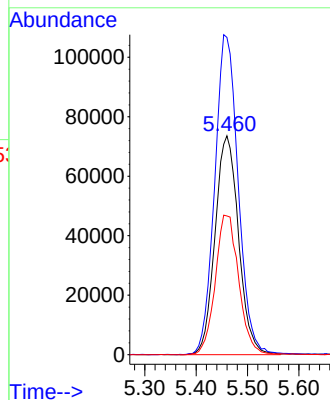
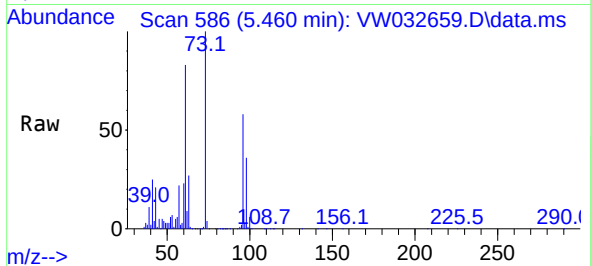




#21  
trans-1,2-Dichloroethene  
Concen: 50.235 ug/l  
RT: 5.460 min Scan# 586  
Delta R.T. 0.012 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

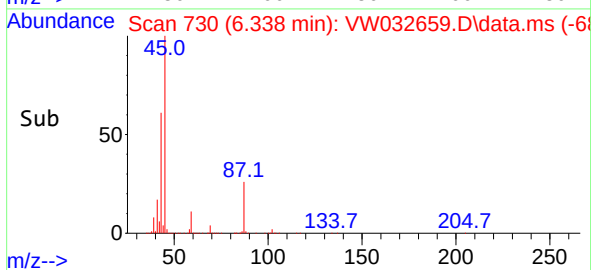
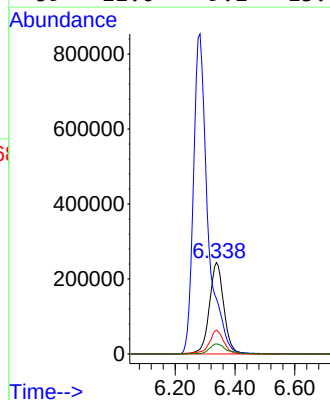
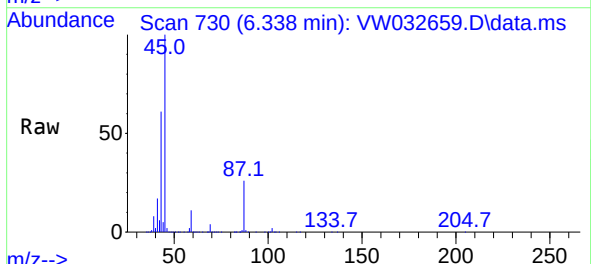
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

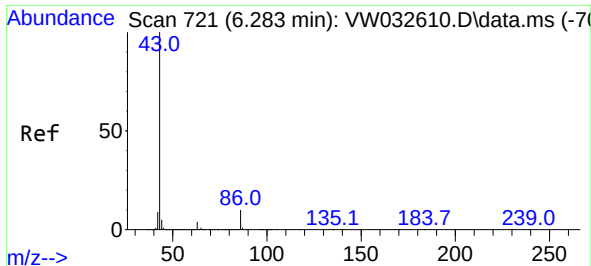
Tgt Ion: 96 Resp: 234156  
Ion Ratio Lower Upper  
96 100  
61 144.8 121.7 182.5  
98 63.4 50.6 76.0



#22  
Diisopropyl ether  
Concen: 51.597 ug/l  
RT: 6.338 min Scan# 730  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 45 Resp: 814485  
Ion Ratio Lower Upper  
45 100  
43 60.5 49.1 73.7  
87 26.1 19.7 29.5  
59 11.0 9.1 13.7

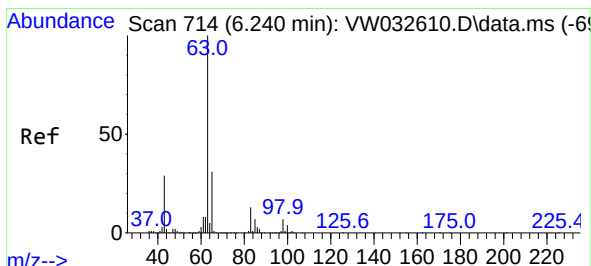
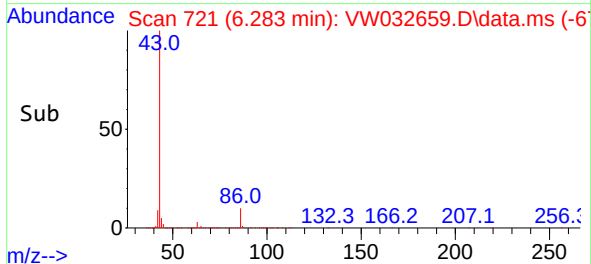
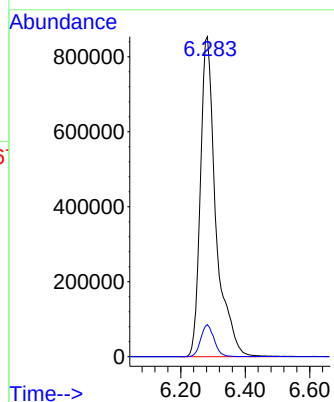
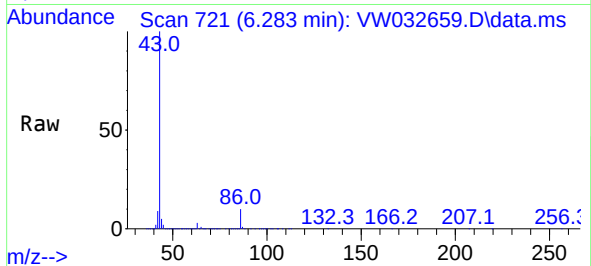




#23  
 Vinyl Acetate  
 Concen: 271.403 ug/l  
 RT: 6.283 min Scan# 714  
 Delta R.T. 0.006 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

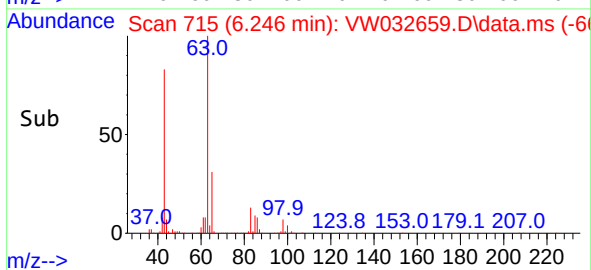
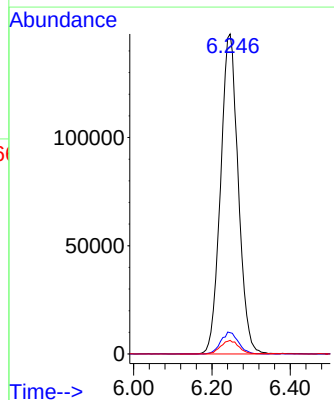
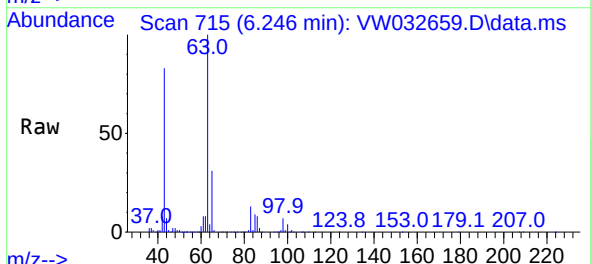
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW121625

Tgt Ion: 43 Resp: 2845075  
 Ion Ratio Lower Upper  
 43 100  
 86 10.0 8.0 12.0

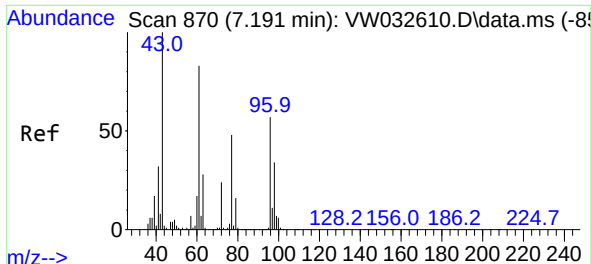


#24  
 1,1-Dichloroethane  
 Concen: 50.599 ug/l  
 RT: 6.246 min Scan# 715  
 Delta R.T. 0.006 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

Tgt Ion: 63 Resp: 463583  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 3.5 10.4  
 100 4.2 2.1 6.5







#25

2-Butanone

Concen: 288.054 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

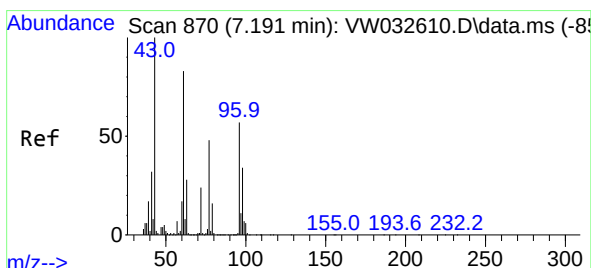
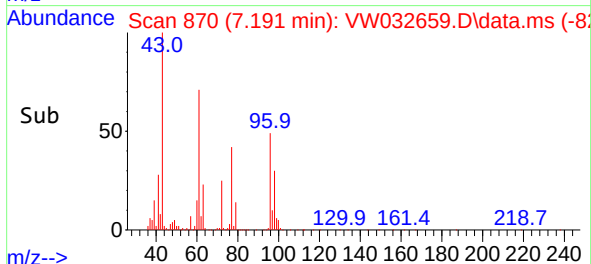
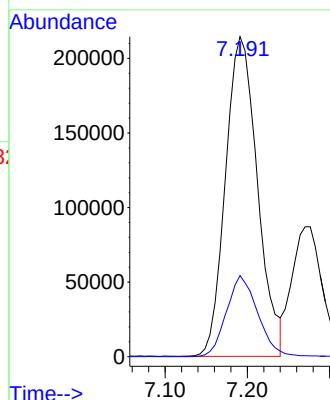
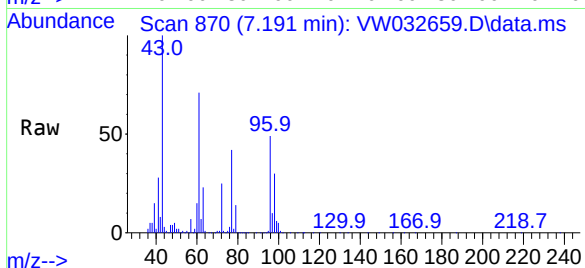
ICVW121625

Tgt Ion: 43 Resp: 581178

Ion Ratio Lower Upper

43 100

72 25.4 19.4 29.0



#26

2,2-Dichloropropane

Concen: 50.321 ug/l

RT: 7.185 min Scan# 869

Delta R.T. 0.006 min

Lab File: VW032659.D

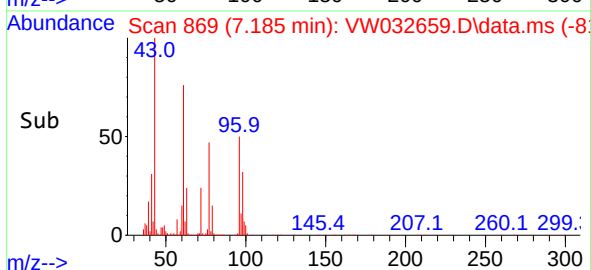
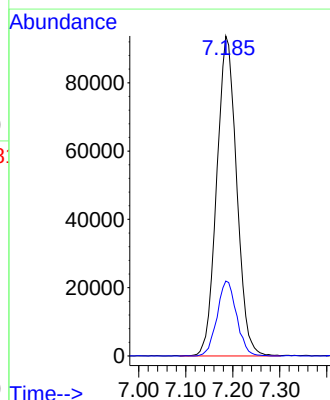
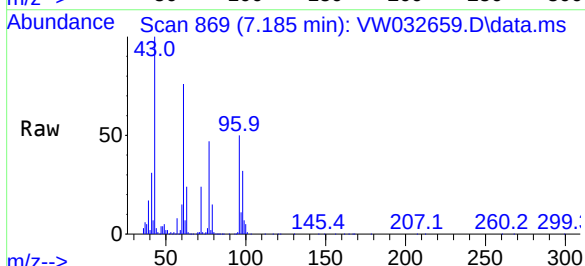
Acq: 16 Dec 2025 16:22

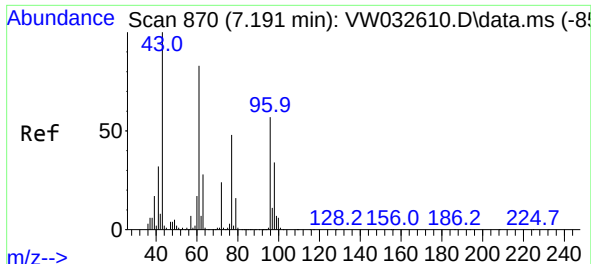
Tgt Ion: 77 Resp: 275987

Ion Ratio Lower Upper

77 100

97 22.9 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 50.711 ug/l

RT: 7.191 min Scan# 81

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

ICVW121625

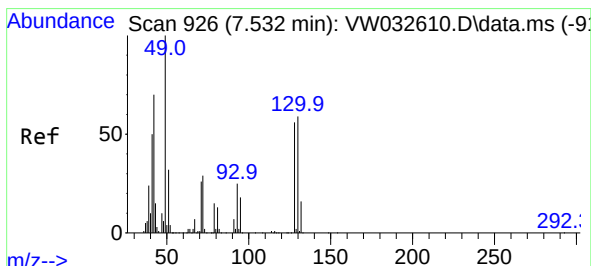
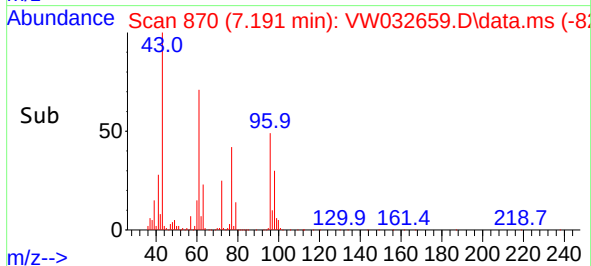
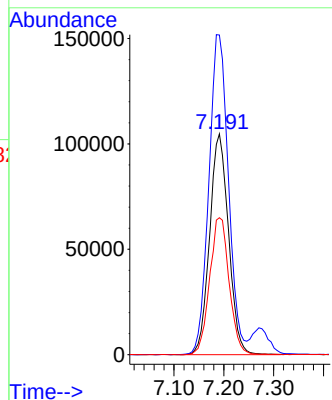
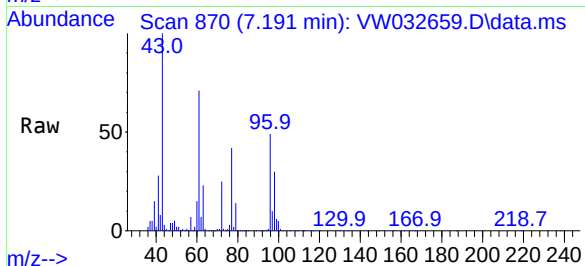
Tgt Ion: 96 Resp: 276309

Ion Ratio Lower Upper

96 100

61 150.0 0.0 295.8

98 64.0 0.0 127.2



#28

Bromochloromethane

Concen: 56.723 ug/l

RT: 7.526 min Scan# 925

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

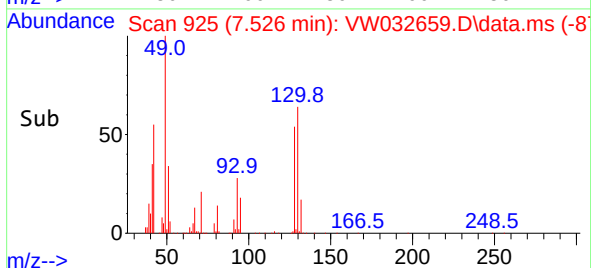
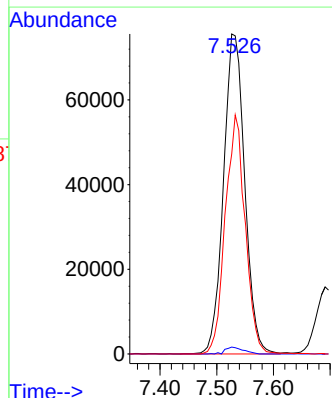
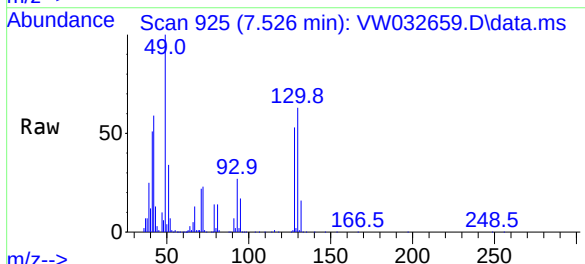
Tgt Ion: 49 Resp: 196664

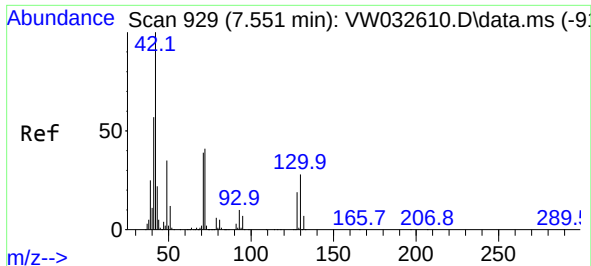
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 70.1 53.3 79.9





#29

Tetrahydrofuran

Concen: 286.899 ug/l

RT: 7.551 min Scan# 91

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

ICVW121625

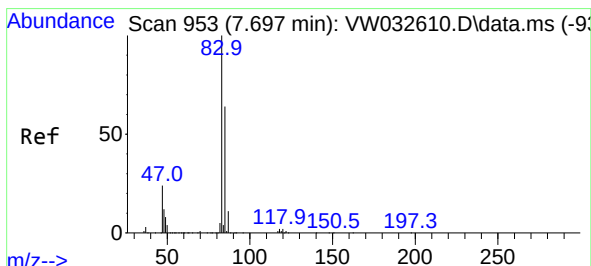
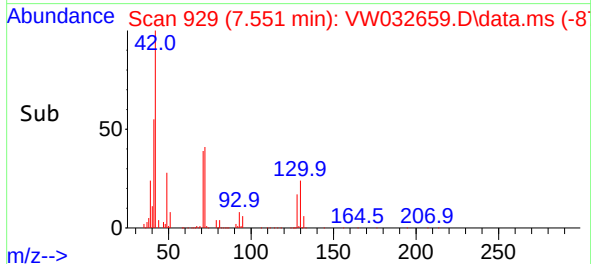
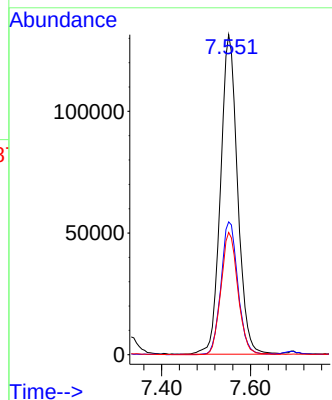
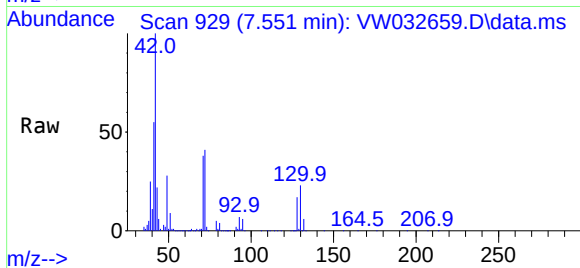
Tgt Ion: 42 Resp: 348631

Ion Ratio Lower Upper

42 100

72 41.1 33.2 49.8

71 38.1 30.7 46.1



#30

Chloroform

Concen: 50.406 ug/l

RT: 7.691 min Scan# 952

Delta R.T. -0.000 min

Lab File: VW032659.D

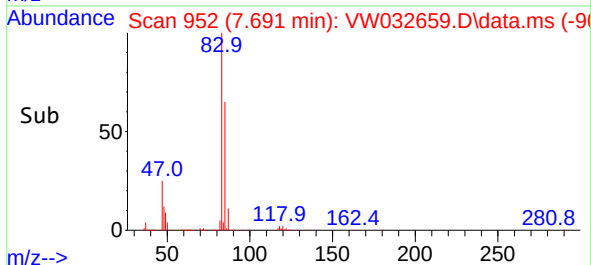
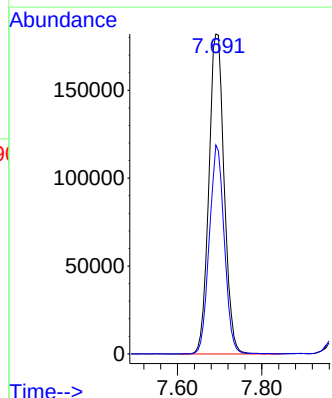
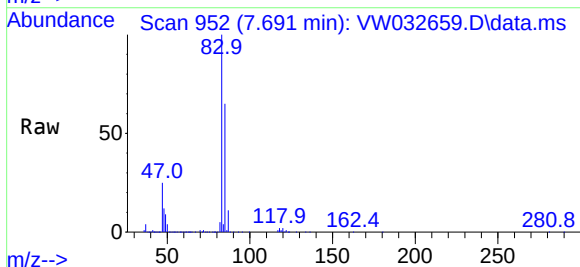
Acq: 16 Dec 2025 16:22

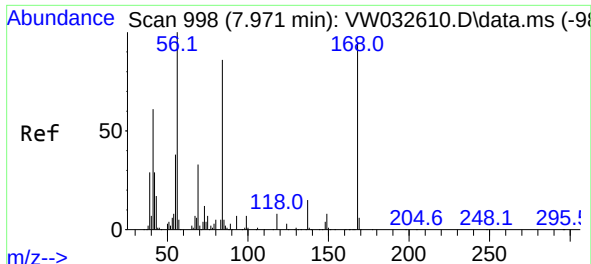
Tgt Ion: 83 Resp: 459642

Ion Ratio Lower Upper

83 100

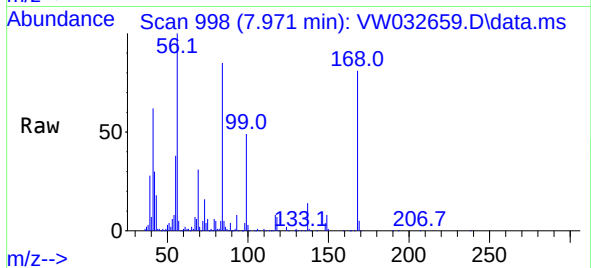
85 65.2 51.4 77.2





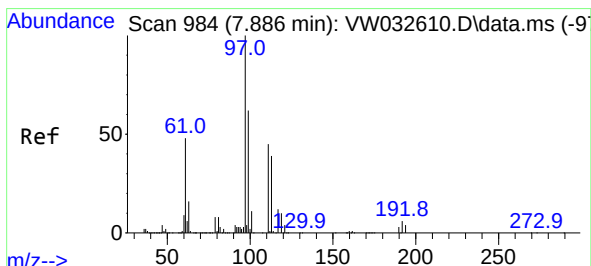
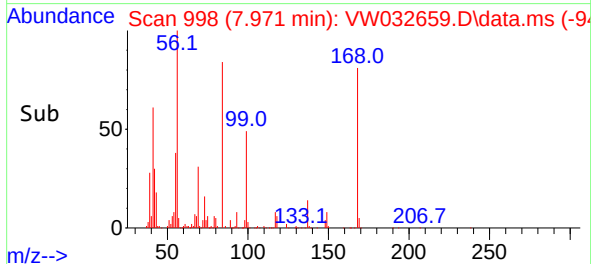
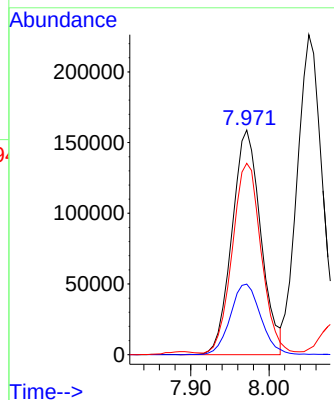
#31  
Cyclohexane  
Concen: 47.994 ug/l  
RT: 7.971 min Scan# 998  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625



Tgt Ion: 56 Resp: 407646

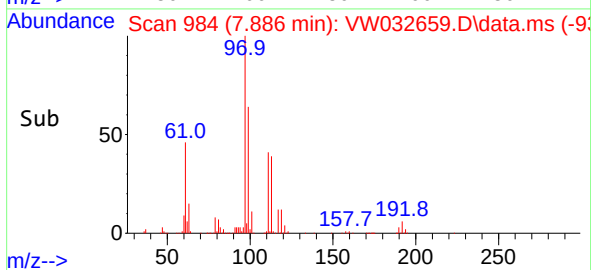
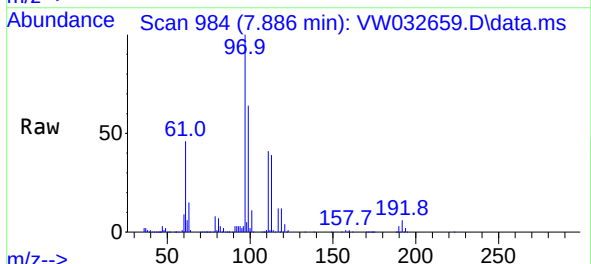
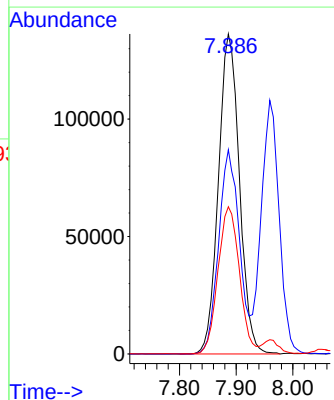
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 31.4  | 26.2  | 39.2  |
| 84  | 83.8  | 68.9  | 103.3 |

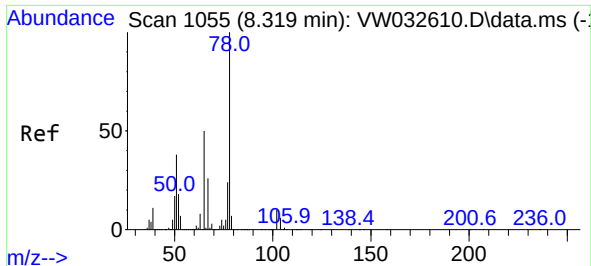


#32  
1,1,1-Trichloroethane  
Concen: 50.434 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 97 Resp: 350267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 62.6  | 50.8  | 76.2  |
| 61  | 47.0  | 37.8  | 56.8  |

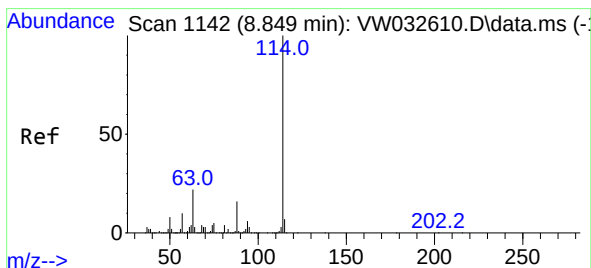
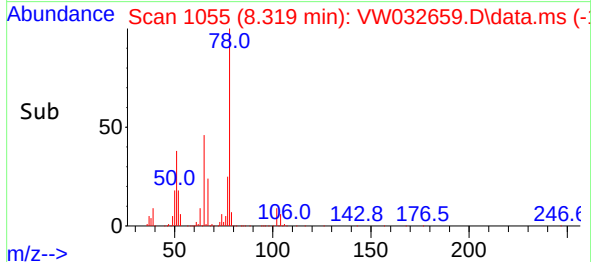
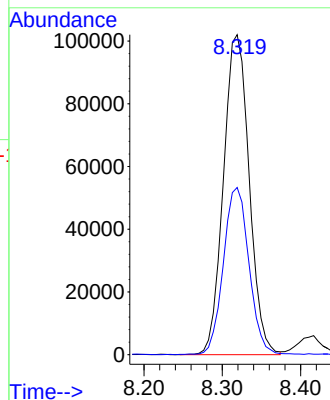
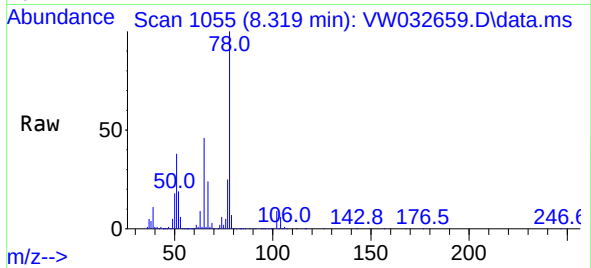




#33  
 1,2-Dichloroethane-d4  
 Concen: 45.113 ug/l  
 RT: 8.319 min Scan# 1055  
 Delta R.T. 0.006 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

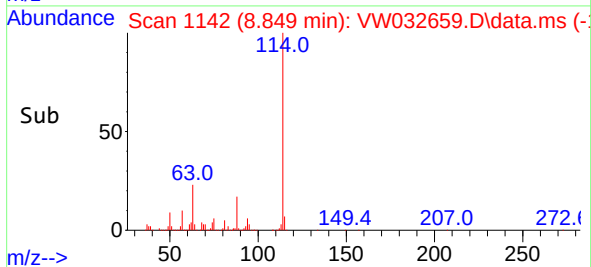
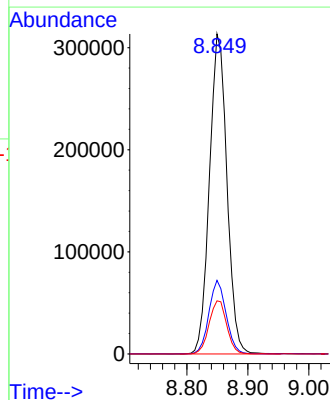
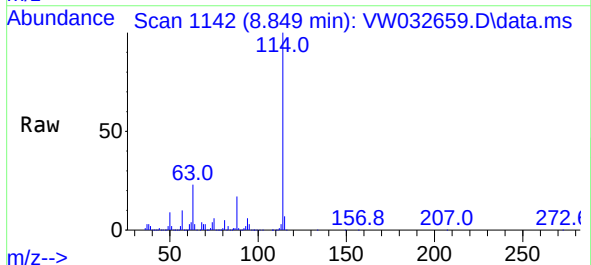
Instrument : MSVOA\_W  
 ClientSampleId : ICVVW121625

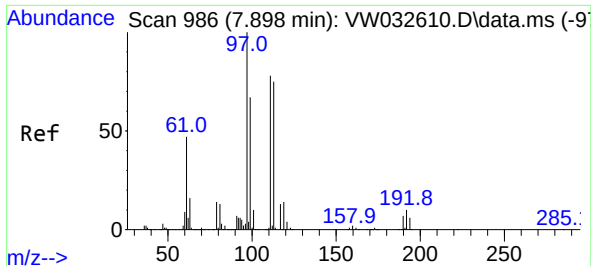
Tgt Ion: 65 Resp: 233130  
 Ion Ratio Lower Upper  
 65 100  
 67 52.1 0.0 105.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.000 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

Tgt Ion: 114 Resp: 624751  
 Ion Ratio Lower Upper  
 114 100  
 63 22.9 0.0 44.6  
 88 16.6 0.0 31.8

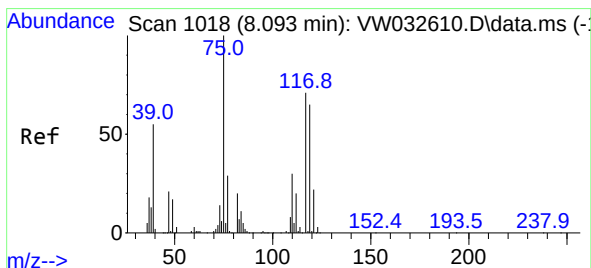
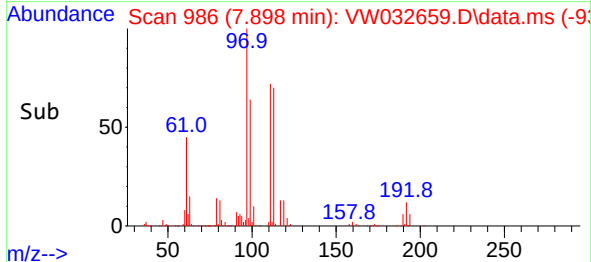
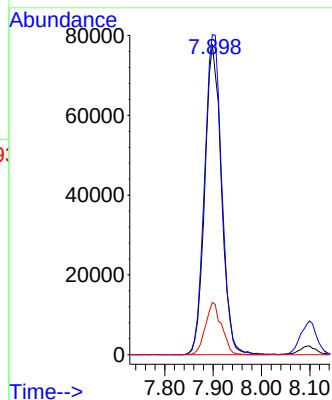
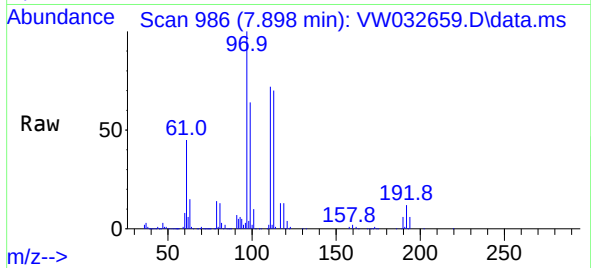




#35  
Dibromofluoromethane  
Concen: 45.796 ug/l  
RT: 7.898 min Scan# 986  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

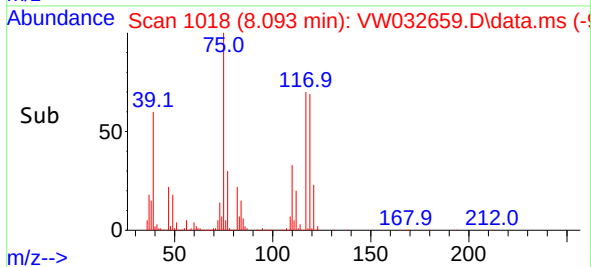
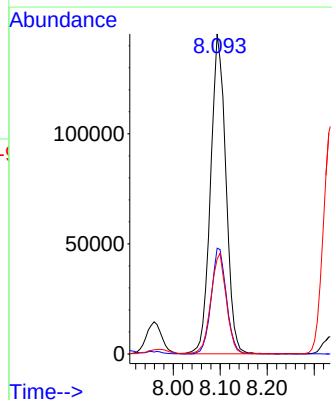
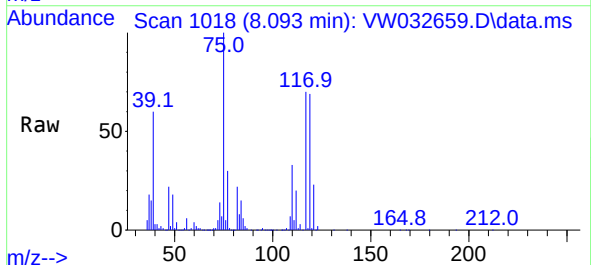
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

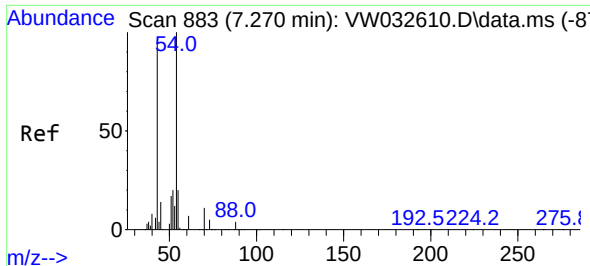
Tgt Ion:113 Resp: 185928  
Ion Ratio Lower Upper  
113 100  
111 106.4 85.2 127.8  
192 16.4 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 52.152 ug/l  
RT: 8.093 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 75 Resp: 327899  
Ion Ratio Lower Upper  
75 100  
110 32.8 16.3 48.9  
77 31.6 24.6 37.0

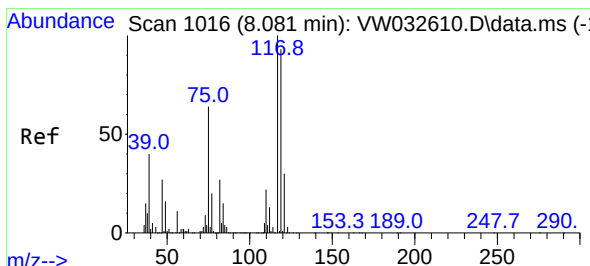
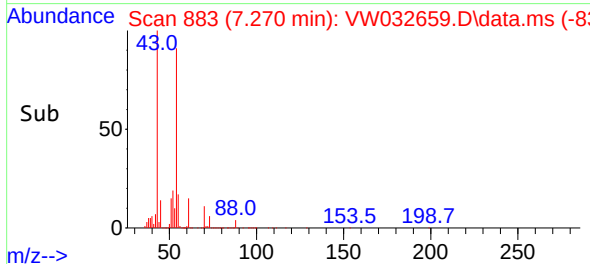
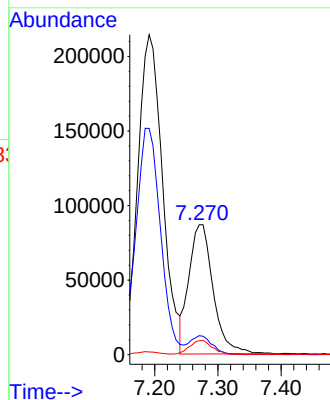
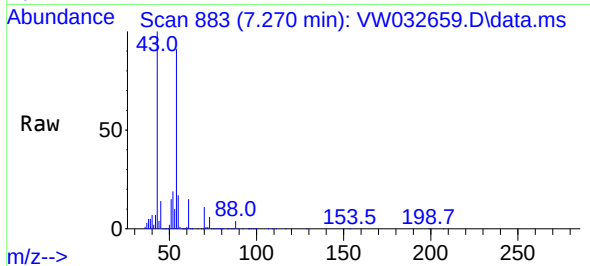




#37  
Ethyl Acetate  
Concen: 55.467 ug/l  
RT: 7.270 min Scan# 883  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

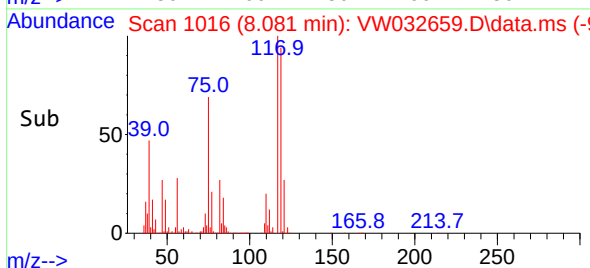
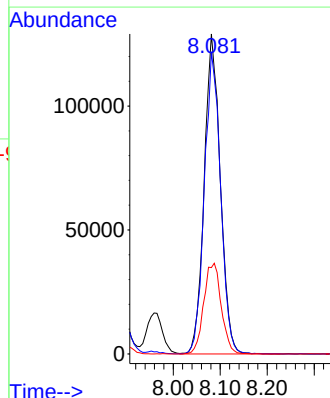
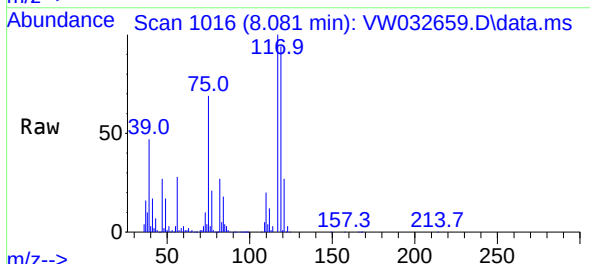
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

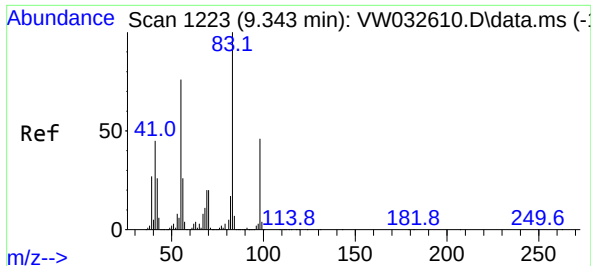
Tgt Ion: 43 Resp: 231599  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.3 15.5  
70 10.5 7.7 11.5



#38  
Carbon Tetrachloride  
Concen: 51.520 ug/l  
RT: 8.081 min Scan# 1016  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 117 Resp: 306628  
Ion Ratio Lower Upper  
117 100  
119 94.3 74.3 111.5  
121 27.0 23.6 35.4





#39

Methylcyclohexane

Concen: 53.787 ug/l

RT: 9.343 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

ICVW121625

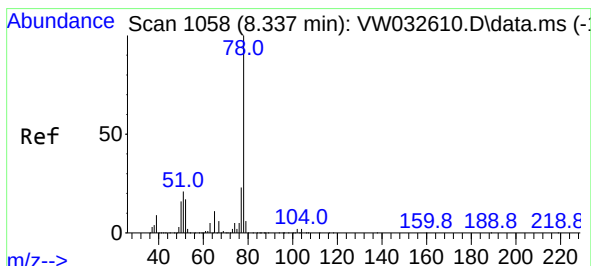
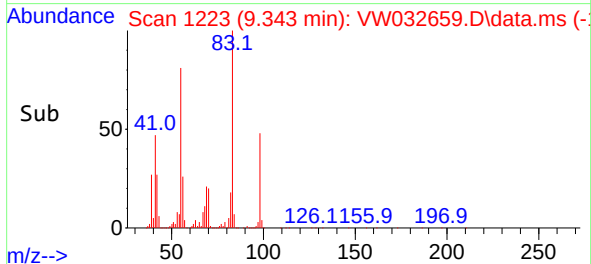
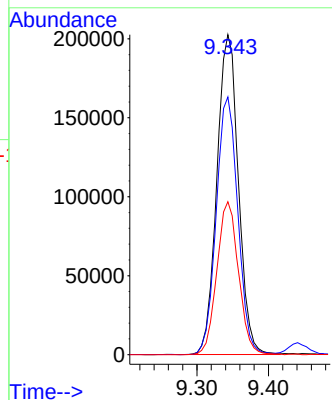
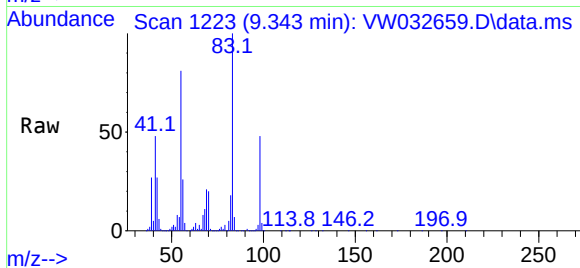
Tgt Ion: 83 Resp: 423505

Ion Ratio Lower Upper

83 100

55 80.6 61.2 91.8

98 47.8 37.0 55.4



#40

Benzene

Concen: 51.498 ug/l

RT: 8.337 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VW032659.D

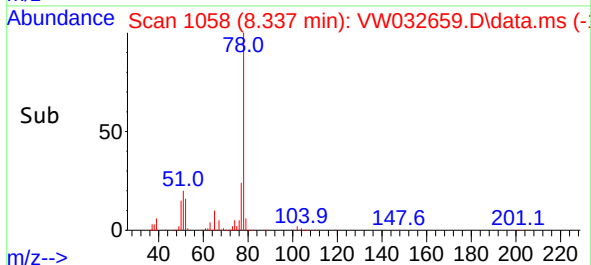
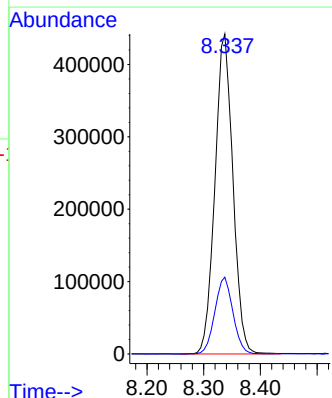
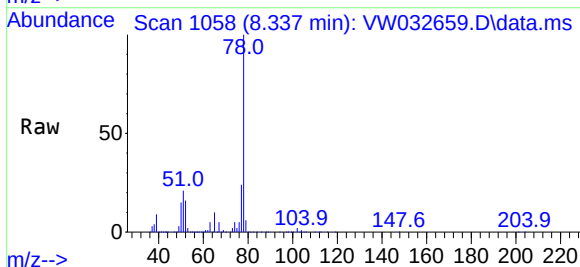
Acq: 16 Dec 2025 16:22

Tgt Ion: 78 Resp: 972588

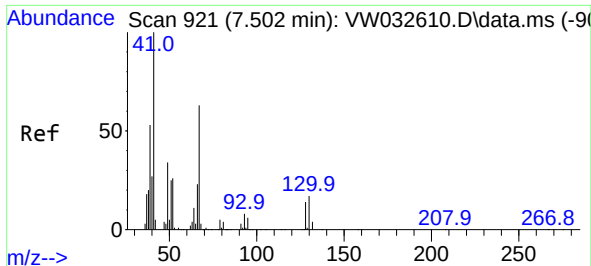
Ion Ratio Lower Upper

78 100

77 24.0 18.6 28.0





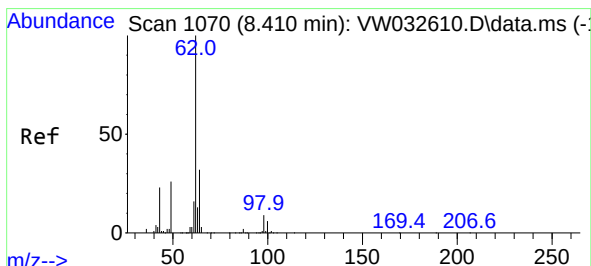
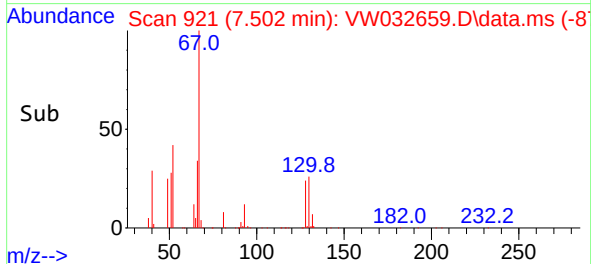
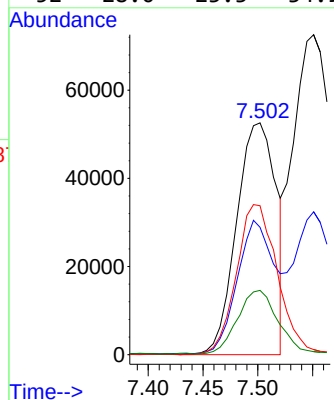
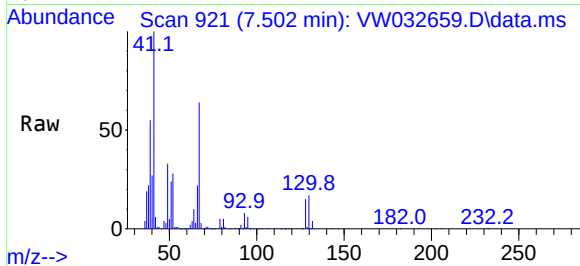


#41  
Methacrylonitrile  
Concen: 57.087 ug/l  
RT: 7.502 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

Tgt Ion: 41 Resp: 132135

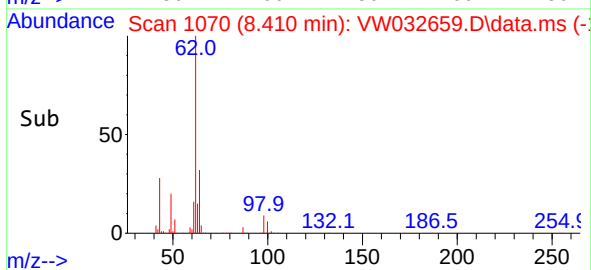
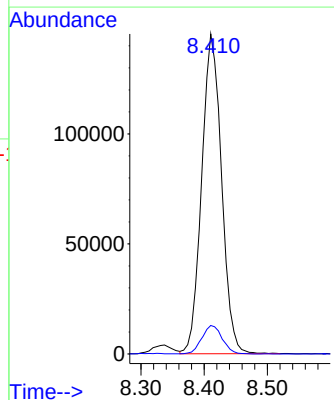
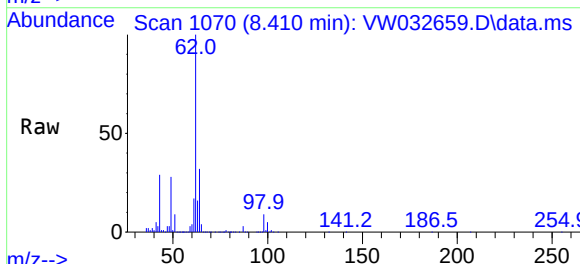
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 53.8  | 47.3  | 70.9  |
| 67  | 67.4  | 55.9  | 83.9  |
| 52  | 28.0  | 23.3  | 34.9  |

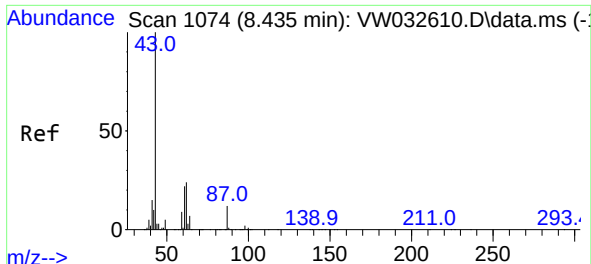


#42  
1,2-Dichloroethane  
Concen: 53.146 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 62 Resp: 317601

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 9.2   | 0.0   | 18.8  |

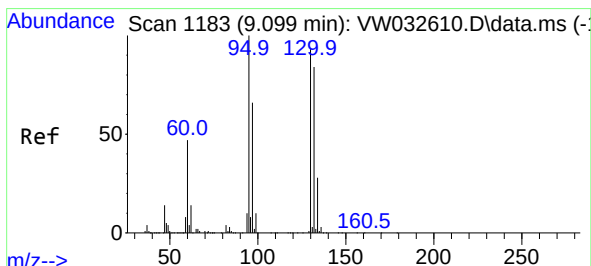
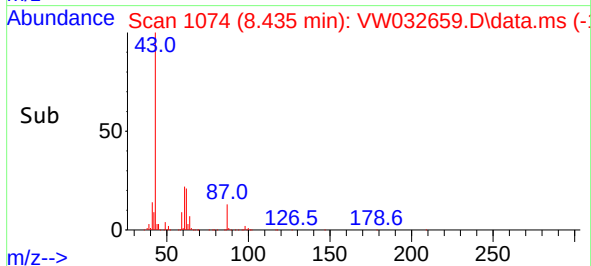
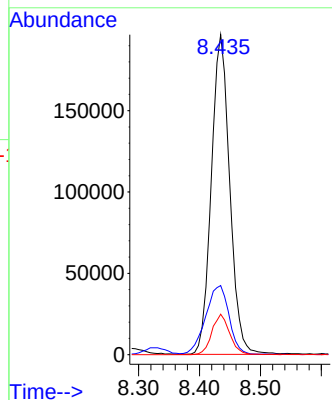
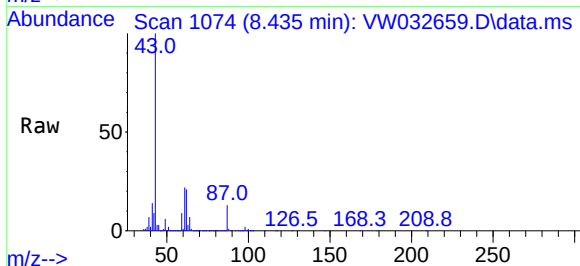




#43  
Isopropyl Acetate  
Concen: 56.744 ug/l  
RT: 8.435 min Scan# 1074  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

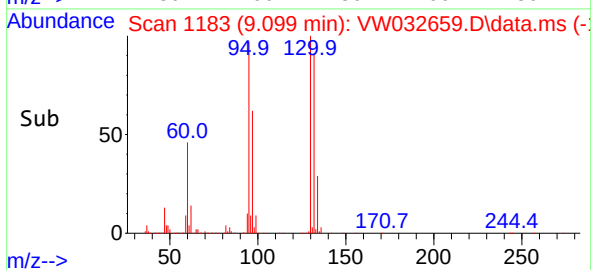
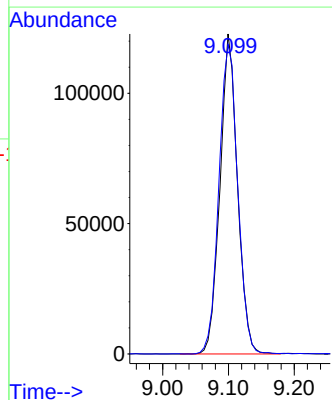
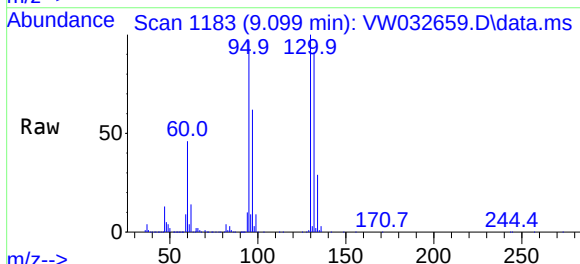
Instrument : MSVOA\_W  
ClientSampleId : ICVVW121625

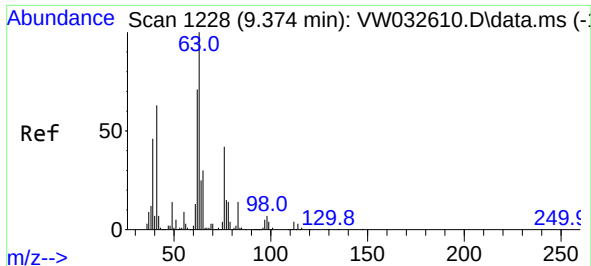
Tgt Ion: 43 Resp: 412479  
Ion Ratio Lower Upper  
43 100  
61 27.4 22.7 34.1  
87 12.2 9.6 14.4



#44  
Trichloroethene  
Concen: 52.032 ug/l  
RT: 9.099 min Scan# 1183  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:130 Resp: 227277  
Ion Ratio Lower Upper  
130 100  
95 96.7 0.0 215.6





#45

1,2-Dichloropropane

Concen: 51.342 ug/l

RT: 9.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

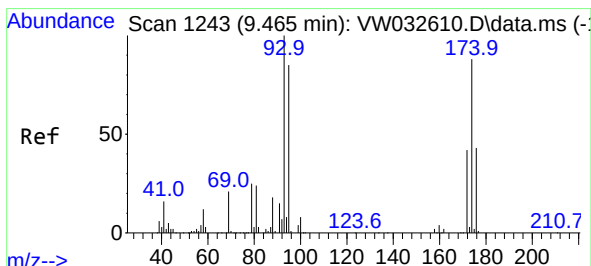
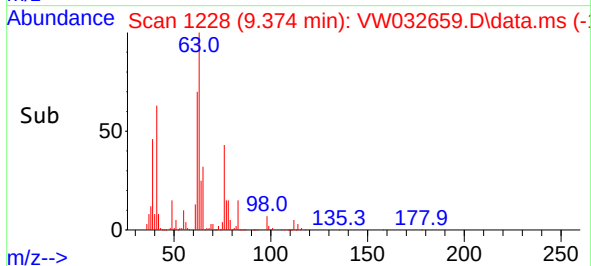
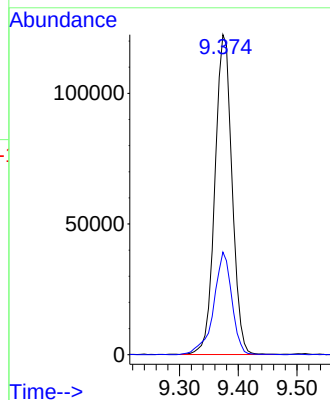
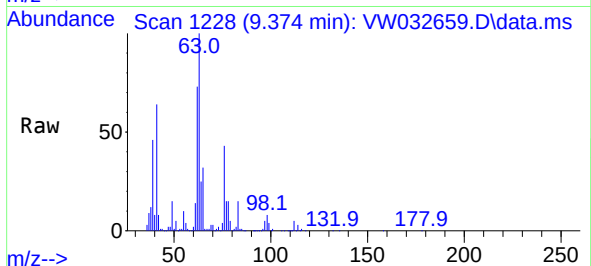
ICVW121625

Tgt Ion: 63 Resp: 247292

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 51.803 ug/l

RT: 9.465 min Scan# 1243

Delta R.T. -0.000 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

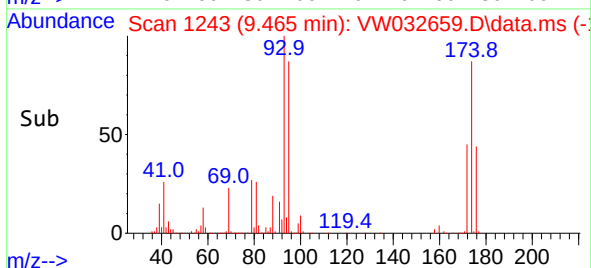
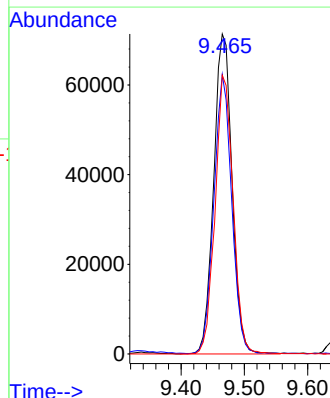
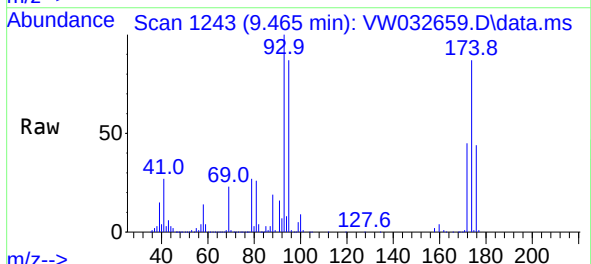
Tgt Ion: 93 Resp: 143537

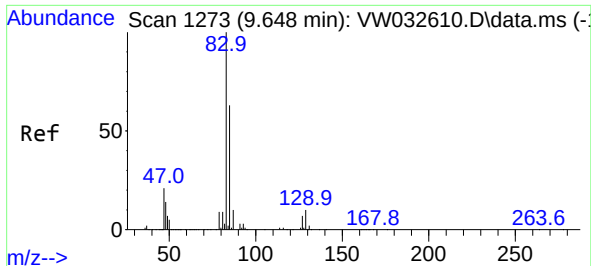
Ion Ratio Lower Upper

93 100

95 84.8 67.0 100.4

174 85.5 67.6 101.4

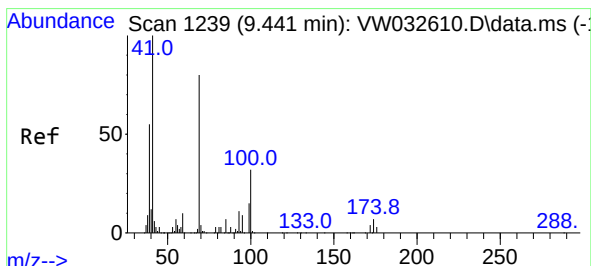
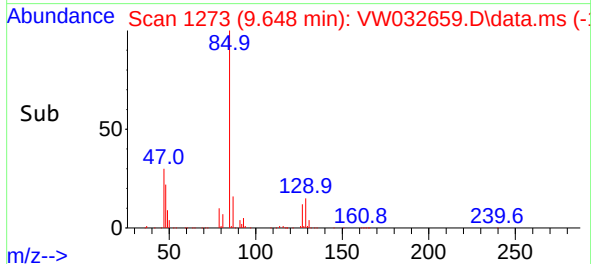
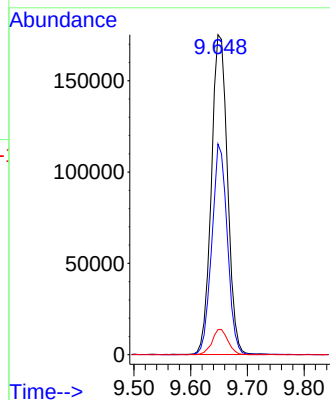
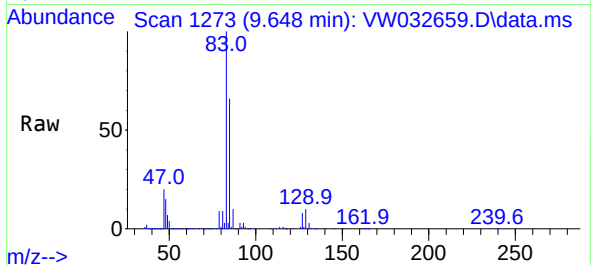




#47  
Bromodichloromethane  
Concen: 52.919 ug/l  
RT: 9.648 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

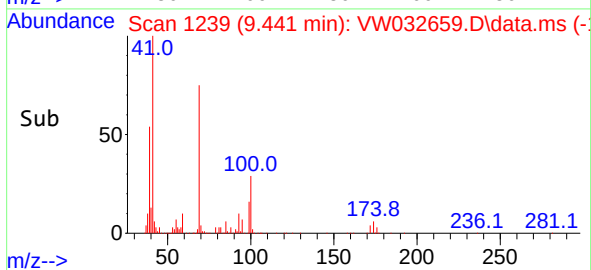
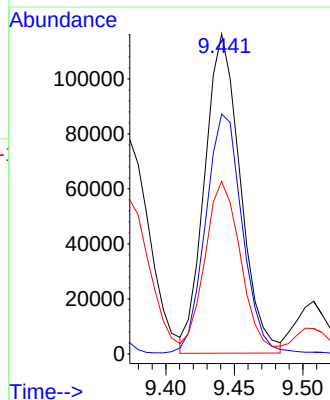
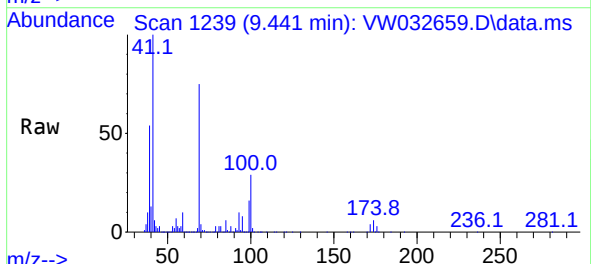
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

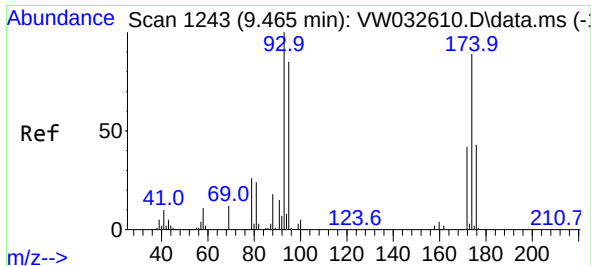
Tgt Ion: 83 Resp: 345578  
Ion Ratio Lower Upper  
83 100  
85 65.9 50.7 76.1  
127 7.9 6.0 9.0



#48  
Methyl methacrylate  
Concen: 59.927 ug/l  
RT: 9.441 min Scan# 1239  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 41 Resp: 209722  
Ion Ratio Lower Upper  
41 100  
69 78.1 67.9 101.9  
39 49.6 43.8 65.8

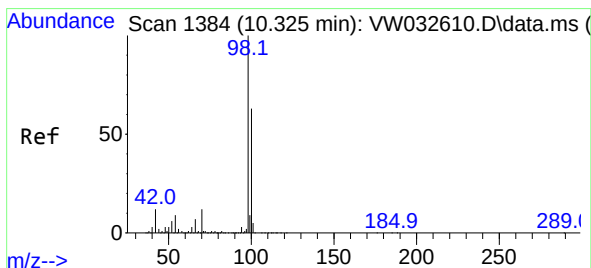
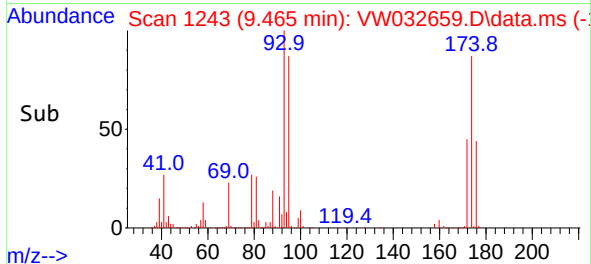
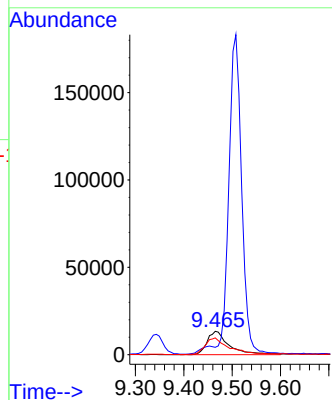
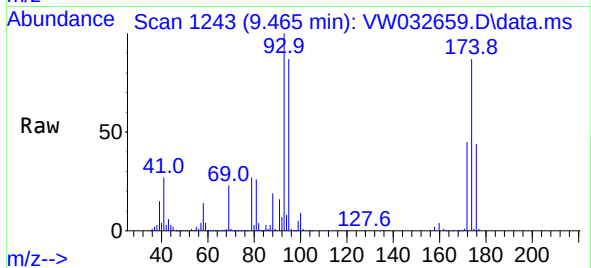




#49  
1,4-Dioxane  
Concen: 1194.477 ug/l  
RT: 9.465 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

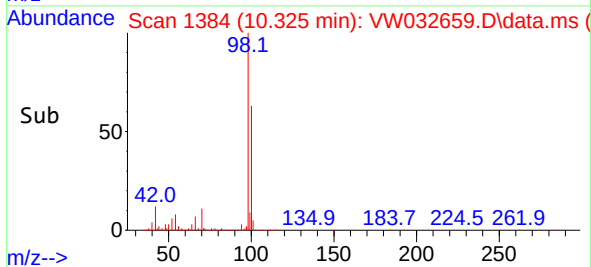
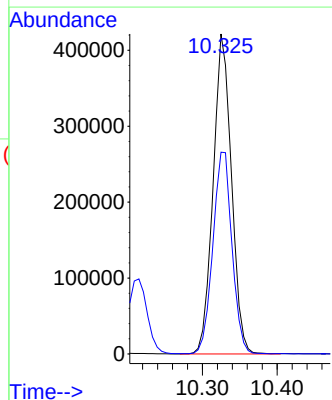
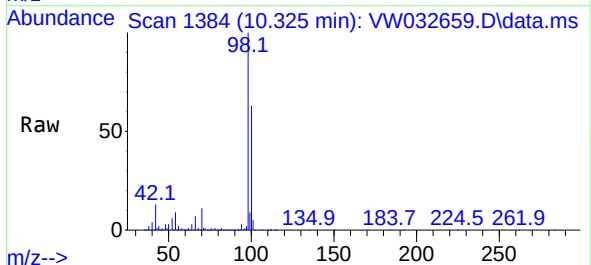
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

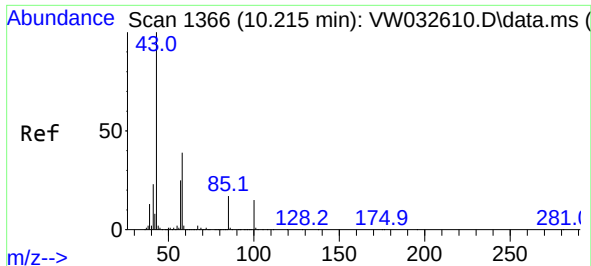
Tgt Ion: 88 Resp: 41992  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 78.6 63.8 95.8



#50  
Toluene-d8  
Concen: 46.986 ug/l  
RT: 10.325 min Scan# 1384  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 98 Resp: 718820  
Ion Ratio Lower Upper  
98 100  
100 65.7 52.2 78.2

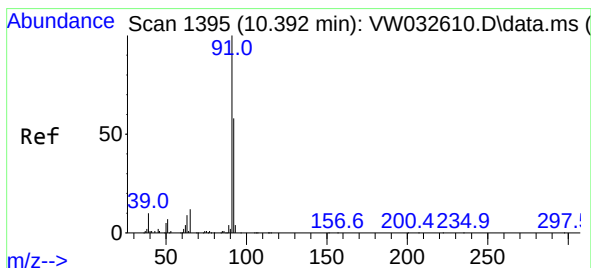
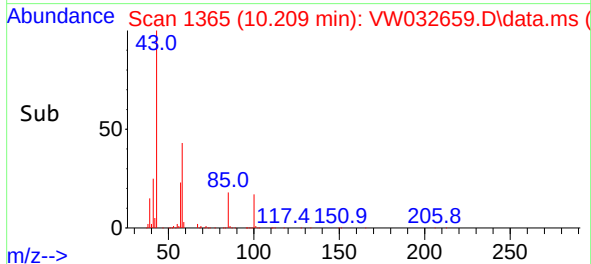
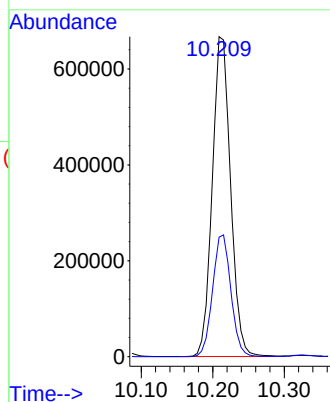
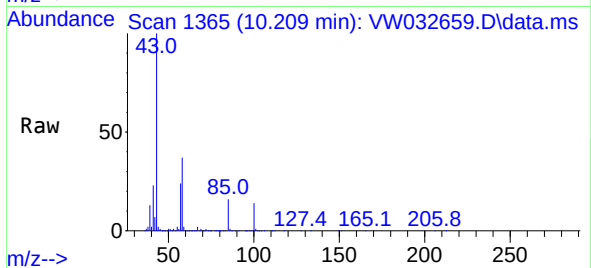




#51  
4-Methyl-2-Pentanone  
Concen: 290.660 ug/l  
RT: 10.209 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

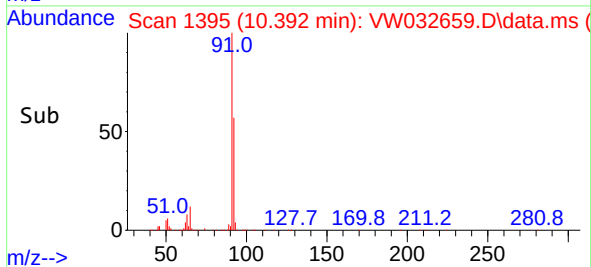
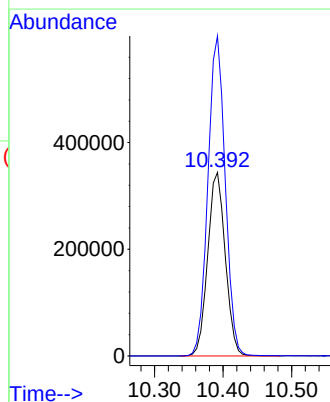
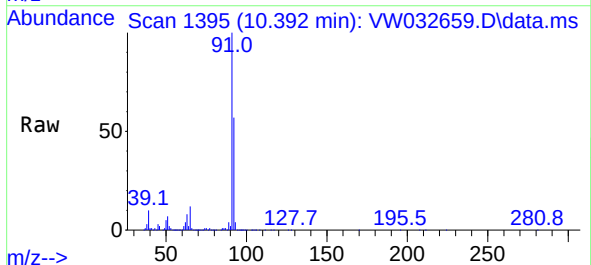
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

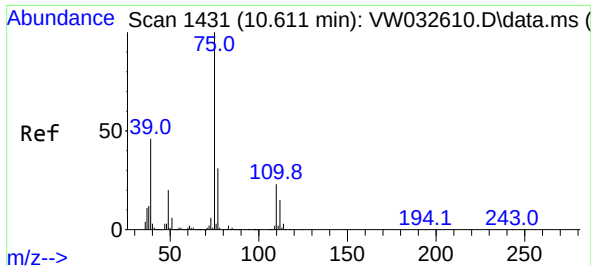
Tgt Ion: 43 Resp: 1186653  
Ion Ratio Lower Upper  
43 100  
58 38.2 30.6 45.8



#52  
Toluene  
Concen: 52.615 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 92 Resp: 611878  
Ion Ratio Lower Upper  
92 100  
91 172.2 137.6 206.4

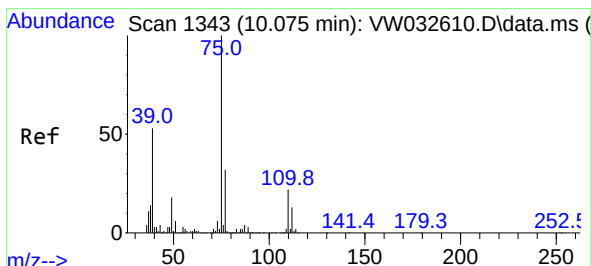
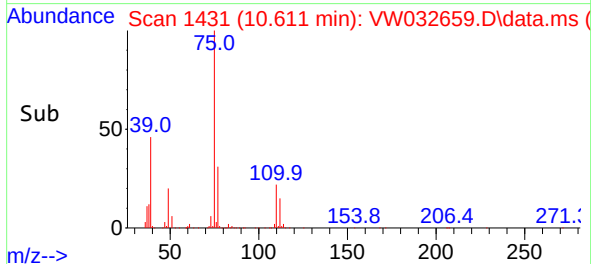
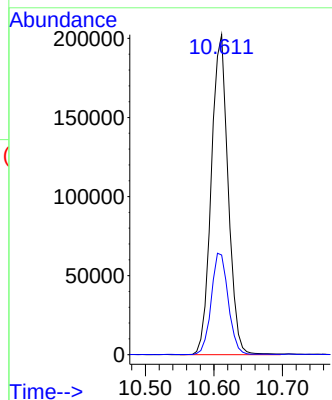
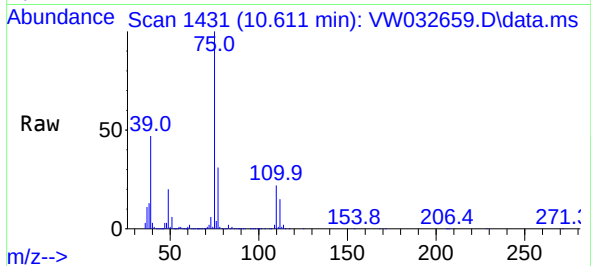




#53  
t-1,3-Dichloropropene  
Concen: 54.374 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

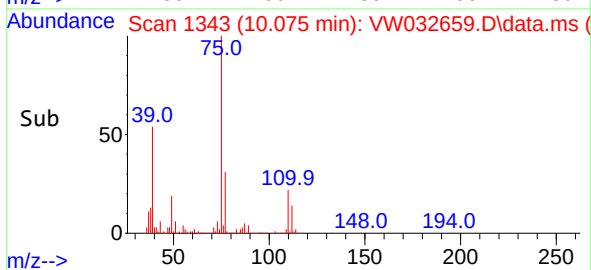
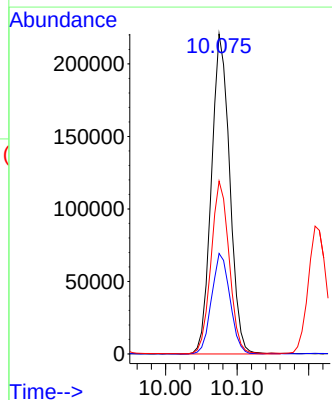
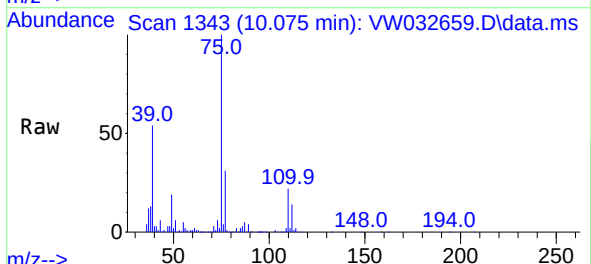
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

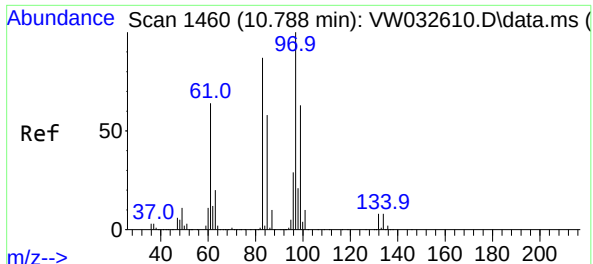
Tgt Ion: 75 Resp: 345482  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.6 36.8



#54  
cis-1,3-Dichloropropene  
Concen: 53.023 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

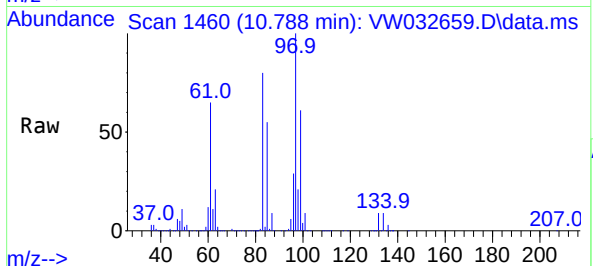
Tgt Ion: 75 Resp: 391811  
Ion Ratio Lower Upper  
75 100  
77 31.4 26.0 39.0  
39 54.0 42.5 63.7





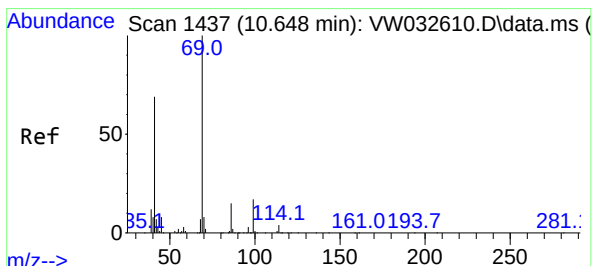
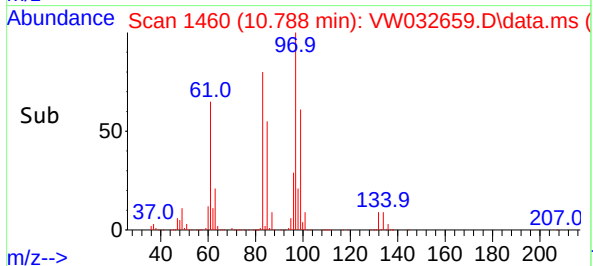
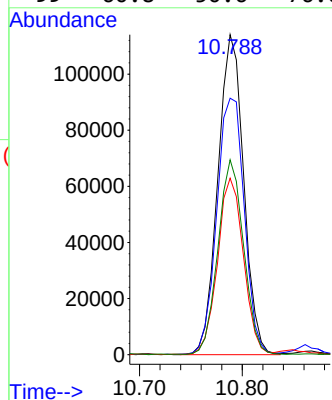
#55  
1,1,2-Trichloroethane  
Concen: 52.846 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625



Tgt Ion: 97 Resp: 198522

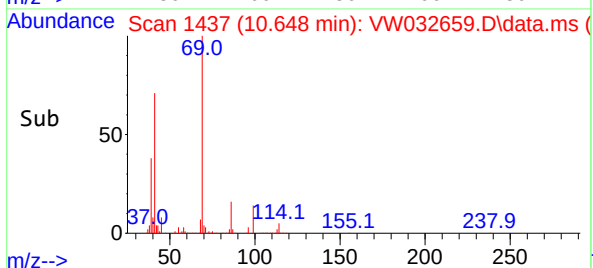
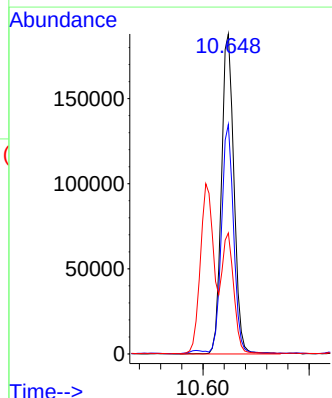
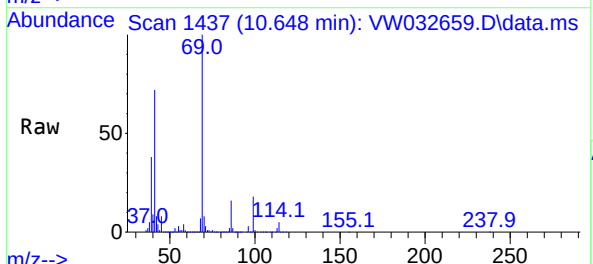
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 80.0  | 69.3  | 103.9 |
| 85  | 55.0  | 46.1  | 69.1  |
| 99  | 60.8  | 50.6  | 76.0  |



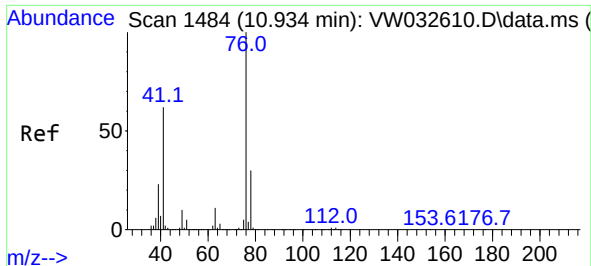
#56  
Ethyl methacrylate  
Concen: 58.724 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 69 Resp: 306354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 69.7  | 57.0  | 85.6  |
| 39  | 34.7  | 27.2  | 40.8  |



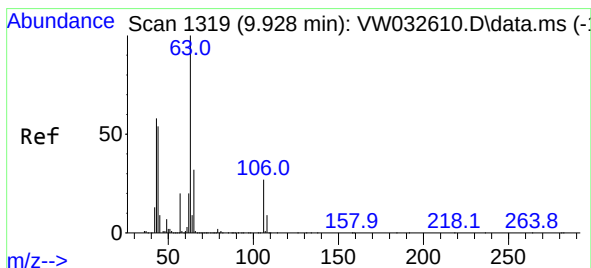
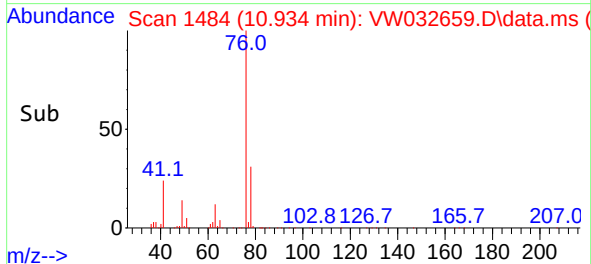
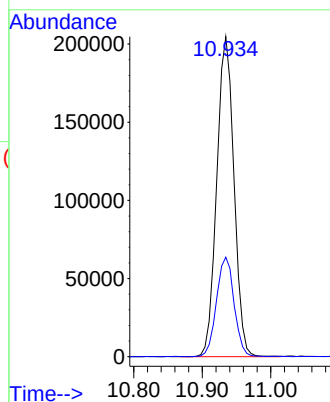
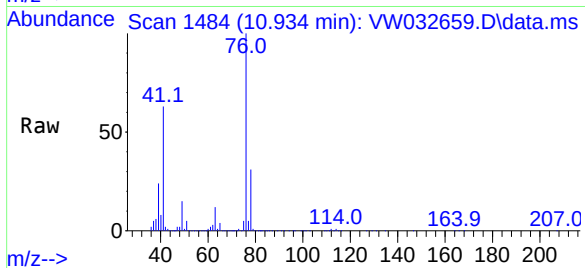




#57  
1,3-Dichloropropane  
Concen: 53.512 ug/l  
RT: 10.934 min Scan# 1484  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

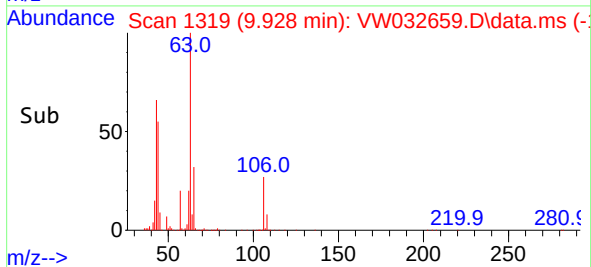
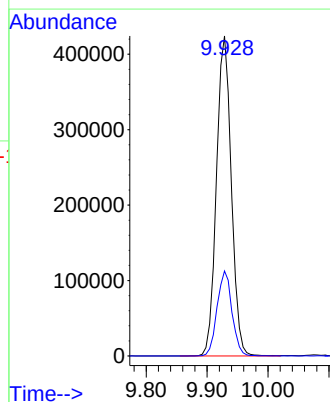
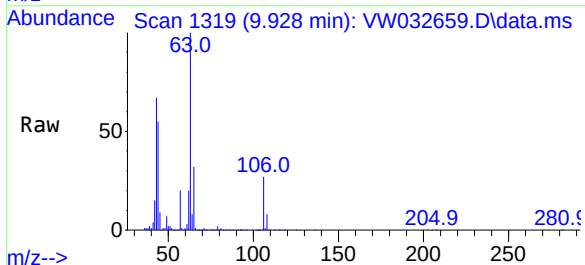
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

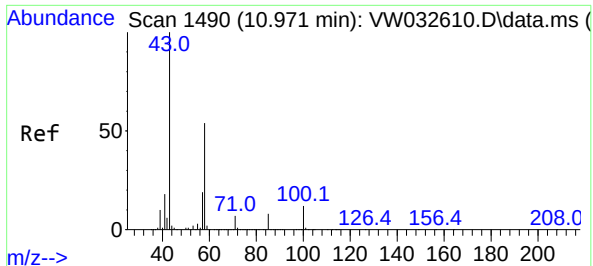
Tgt Ion: 76 Resp: 356109  
Ion Ratio Lower Upper  
76 100  
78 31.8 25.2 37.8



#58  
2-Chloroethyl Vinyl ether  
Concen: 269.395 ug/l  
RT: 9.928 min Scan# 1319  
Delta R.T. -0.001 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 63 Resp: 717923  
Ion Ratio Lower Upper  
63 100  
106 26.7 21.3 31.9

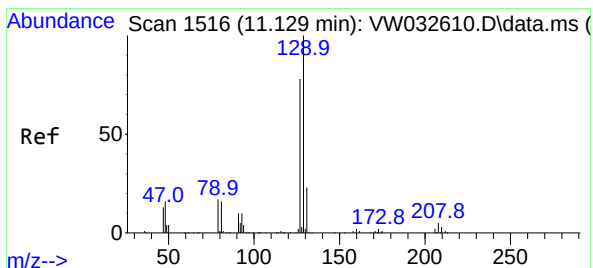
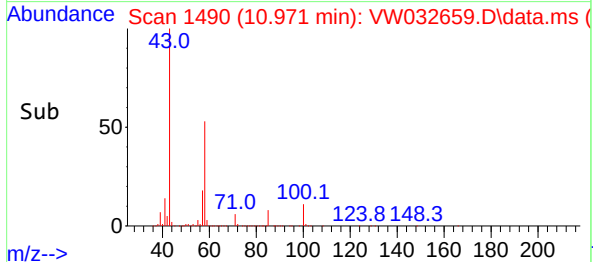
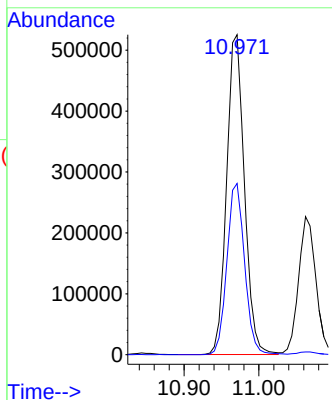
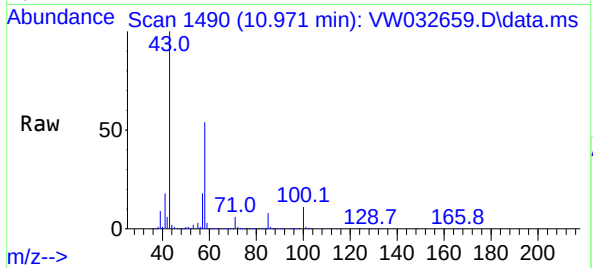




#59  
2-Hexanone  
Concen: 296.085 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

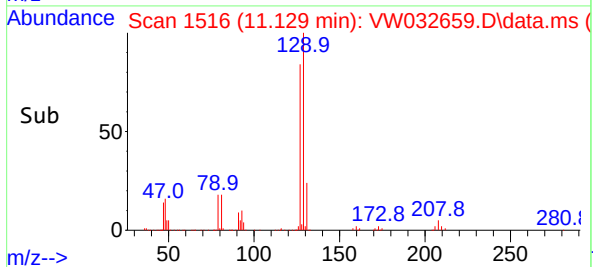
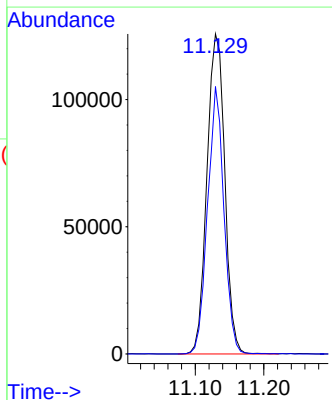
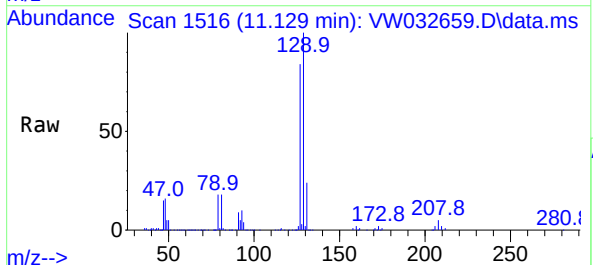
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

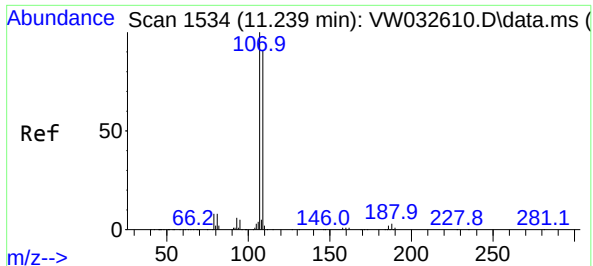
Tgt Ion: 43 Resp: 870809  
Ion Ratio Lower Upper  
43 100  
58 53.3 26.3 78.9



#60  
Dibromochloromethane  
Concen: 54.738 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:129 Resp: 227861  
Ion Ratio Lower Upper  
129 100  
127 76.6 37.2 111.6

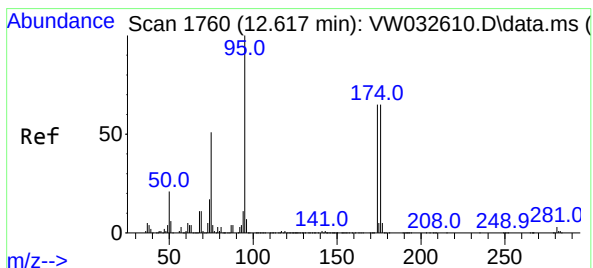
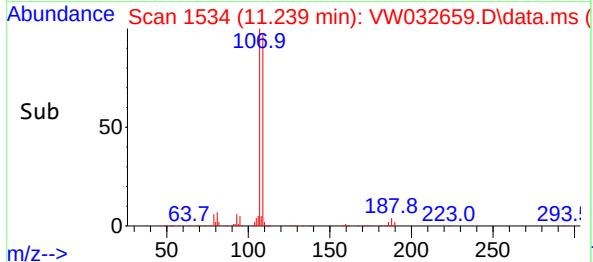
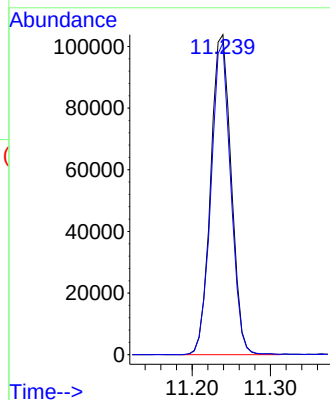
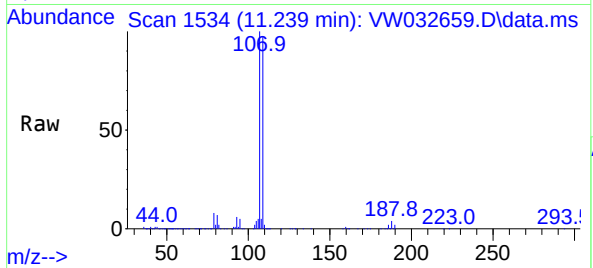




#61  
1,2-Dibromoethane  
Concen: 52.826 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

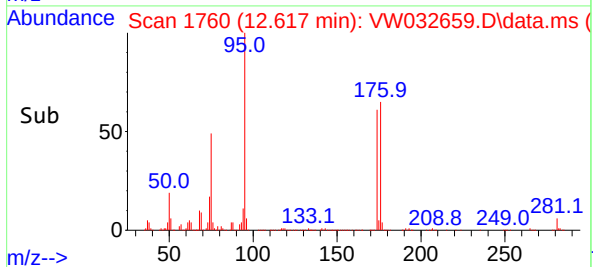
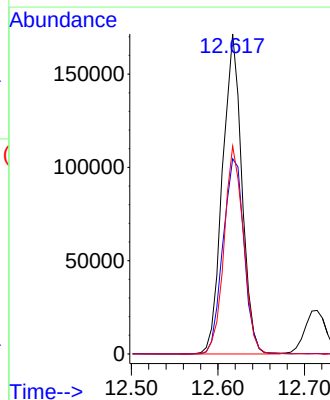
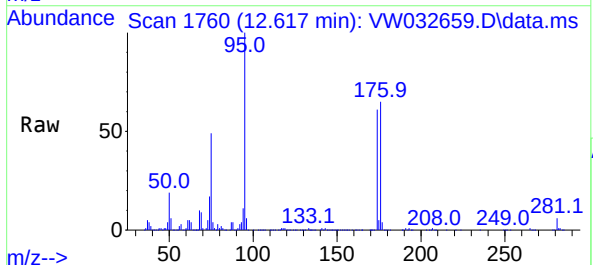
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

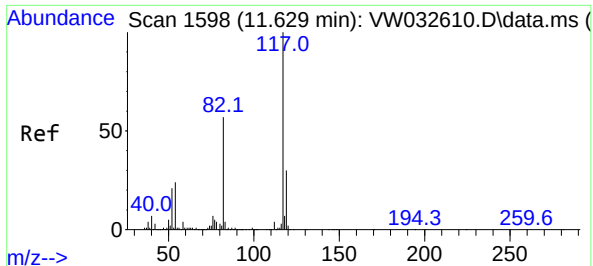
Tgt Ion:107 Resp: 189166  
Ion Ratio Lower Upper  
107 100  
109 93.7 73.0 109.4



#62  
4-Bromofluorobenzene  
Concen: 47.434 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 95 Resp: 266907  
Ion Ratio Lower Upper  
95 100  
174 66.5 0.0 135.0  
176 64.7 0.0 123.4

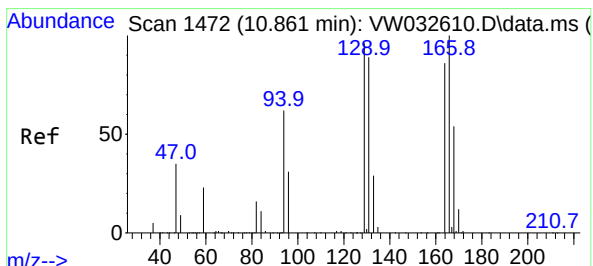
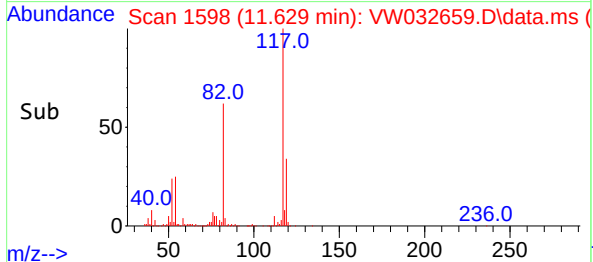
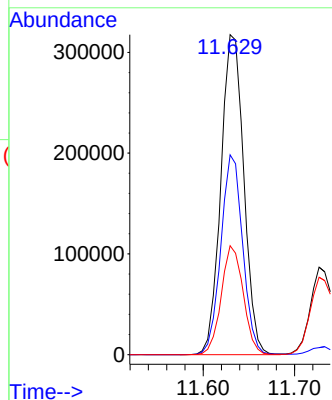
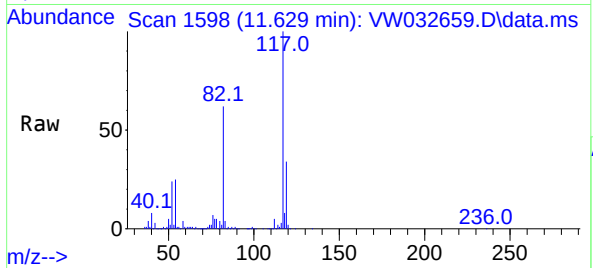




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

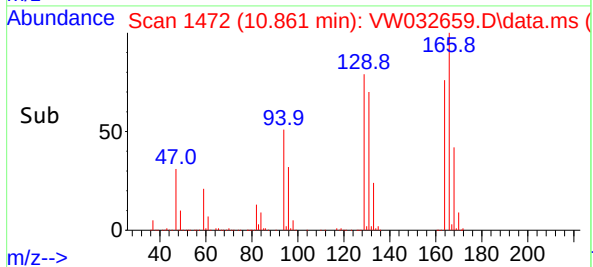
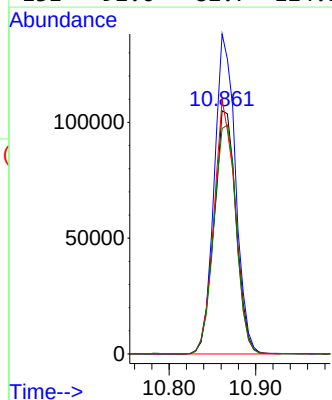
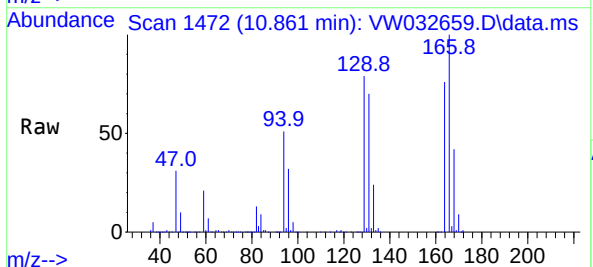
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

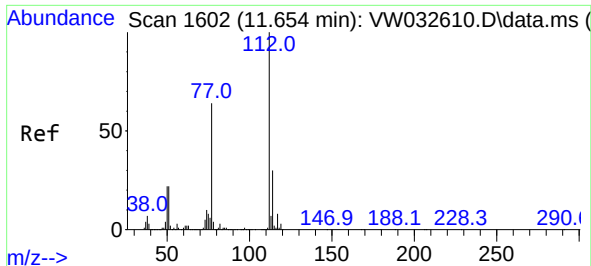
Tgt Ion:117 Resp: 554239  
Ion Ratio Lower Upper  
117 100  
82 62.4 45.5 68.3  
119 34.1 23.8 35.8



#64  
Tetrachloroethene  
Concen: 52.894 ug/l  
RT: 10.861 min Scan# 1472  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:164 Resp: 187017  
Ion Ratio Lower Upper  
164 100  
166 131.6 93.0 139.6  
129 104.6 89.2 133.8  
131 92.6 82.7 124.1

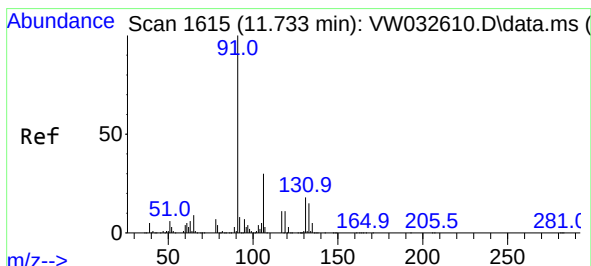
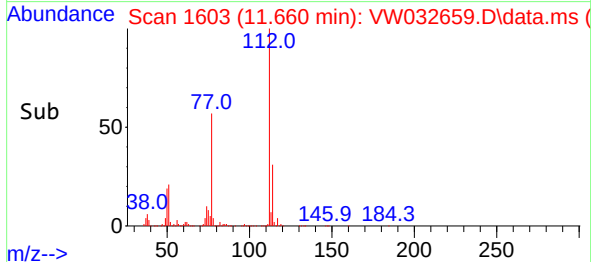
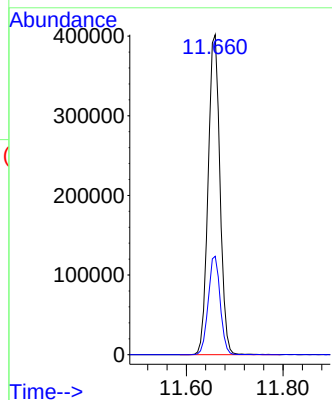
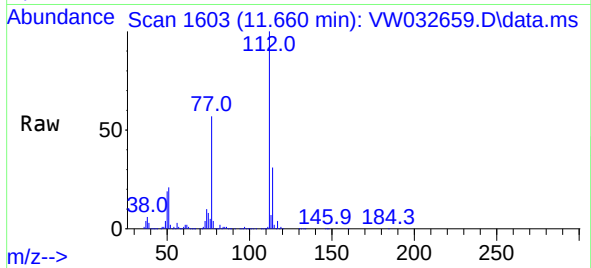




#65  
Chlorobenzene  
Concen: 54.316 ug/l  
RT: 11.660 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

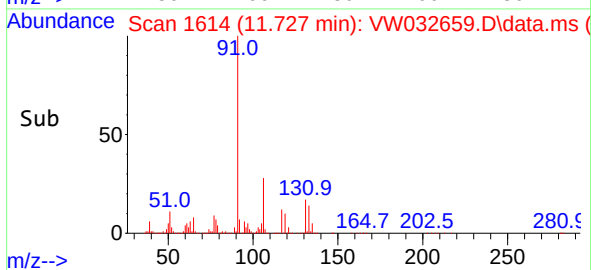
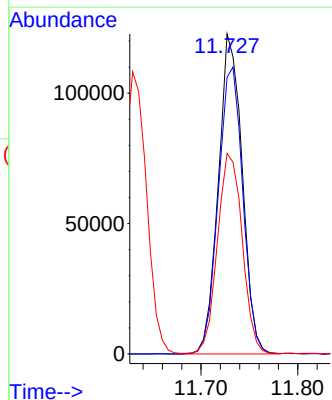
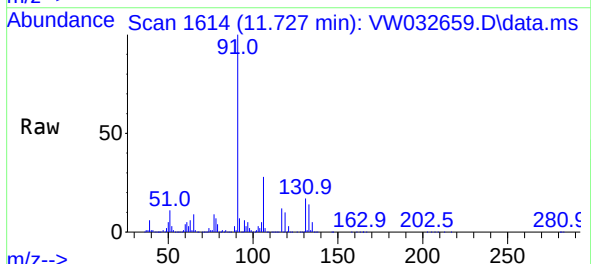
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

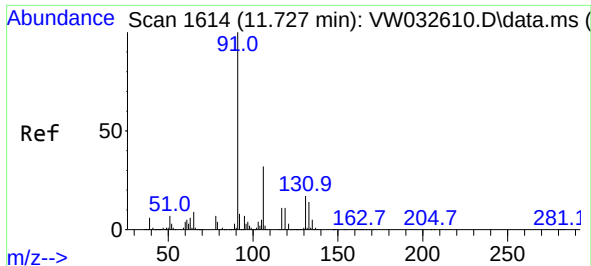
Tgt Ion:112 Resp: 684171  
Ion Ratio Lower Upper  
112 100  
114 30.7 23.8 35.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.370 ug/l  
RT: 11.727 min Scan# 1614  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:131 Resp: 209647  
Ion Ratio Lower Upper  
131 100  
133 92.6 44.0 132.1  
119 65.3 32.0 96.2





#67

Ethyl Benzene

Concen: 55.680 ug/l

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

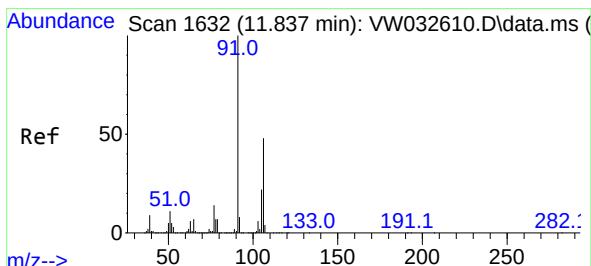
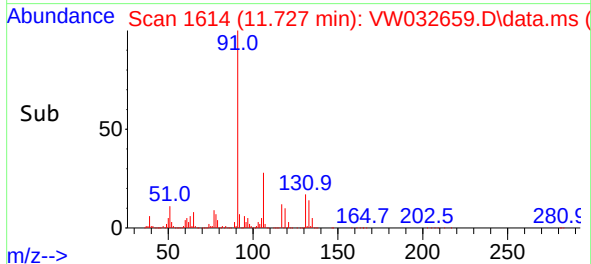
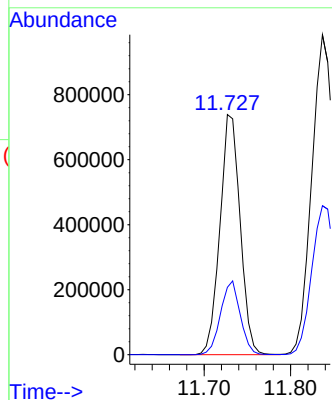
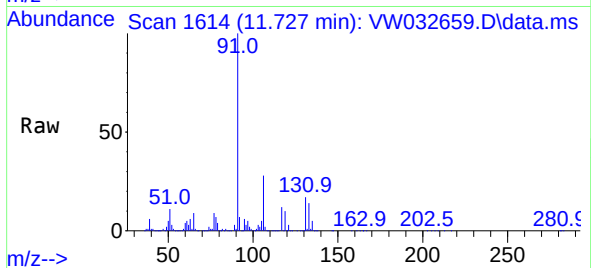
ICVW121625

Tgt Ion: 91 Resp: 1198761

Ion Ratio Lower Upper

91 100

106 28.1 25.8 38.6



#68

m/p-Xylenes

Concen: 107.067 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW032659.D

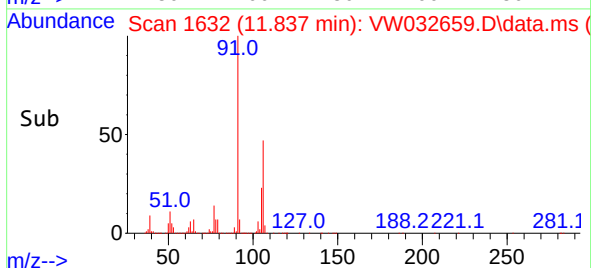
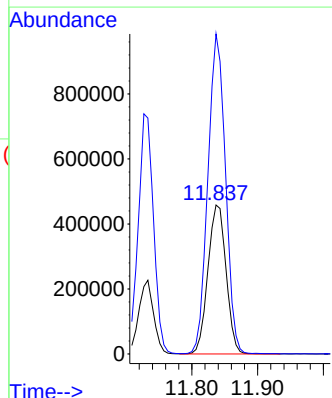
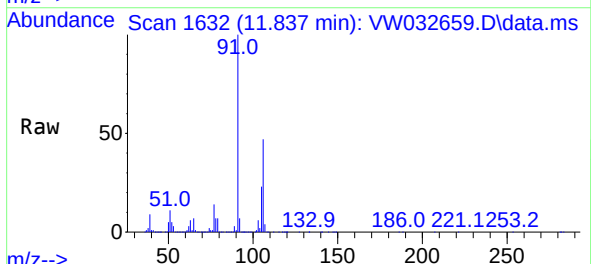
Acq: 16 Dec 2025 16:22

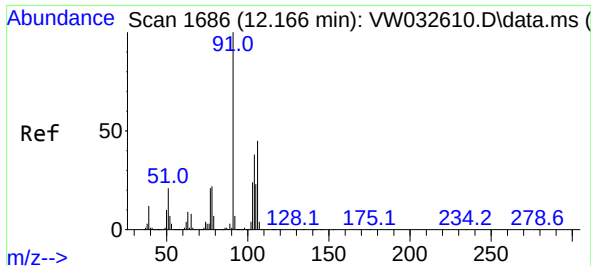
Tgt Ion:106 Resp: 879189

Ion Ratio Lower Upper

106 100

91 208.5 165.6 248.4

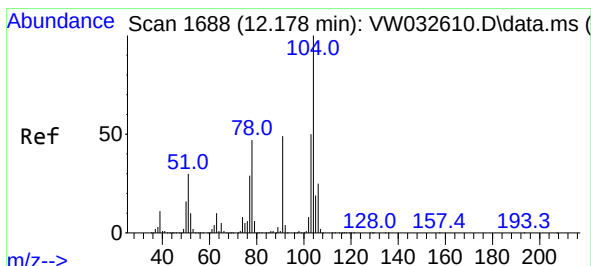
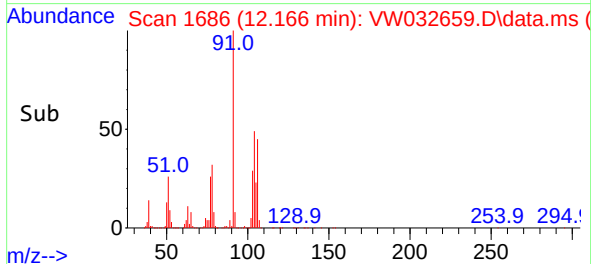
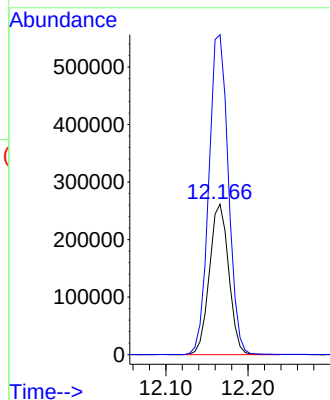
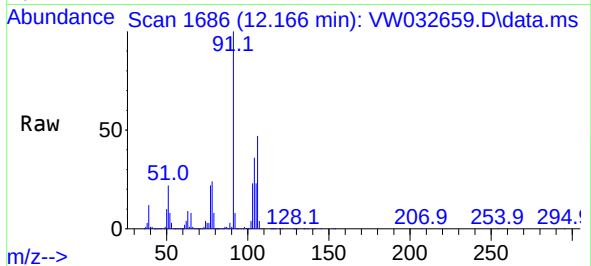




#69  
o-Xylene  
Concen: 56.946 ug/l  
RT: 12.166 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

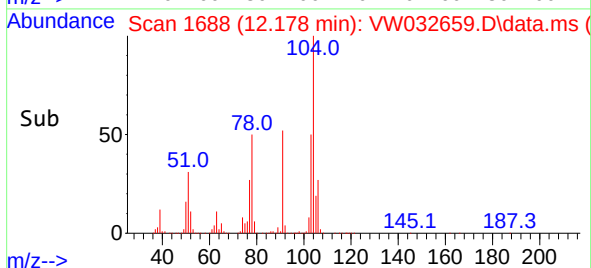
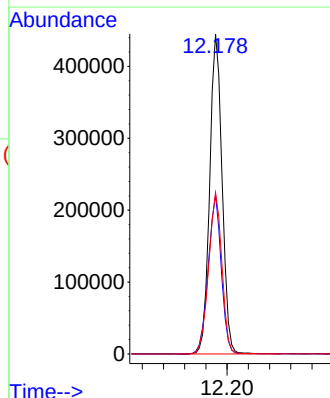
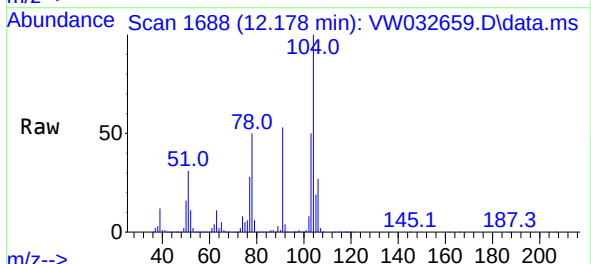
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

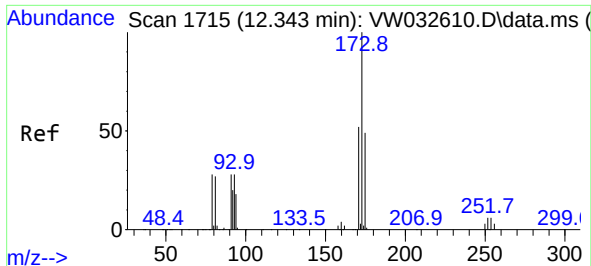
Tgt Ion:106 Resp: 427196  
Ion Ratio Lower Upper  
106 100  
91 214.6 108.3 324.8



#70  
Styrene  
Concen: 55.241 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:104 Resp: 722046  
Ion Ratio Lower Upper  
104 100  
78 52.4 41.5 62.3  
103 53.9 43.8 65.6

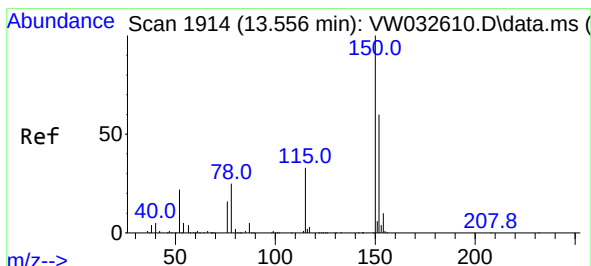
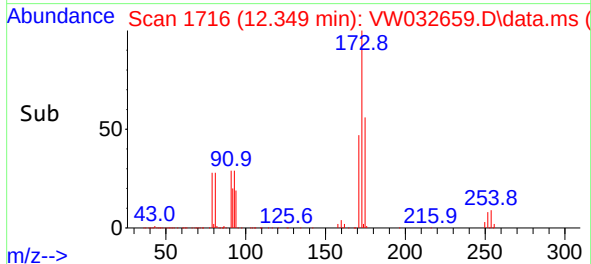
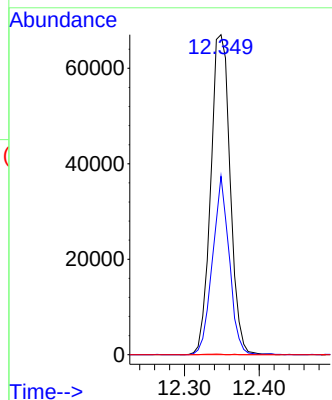
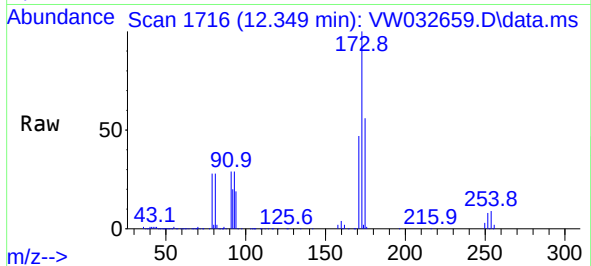




#71  
Bromoform  
Concen: 56.195 ug/l  
RT: 12.349 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

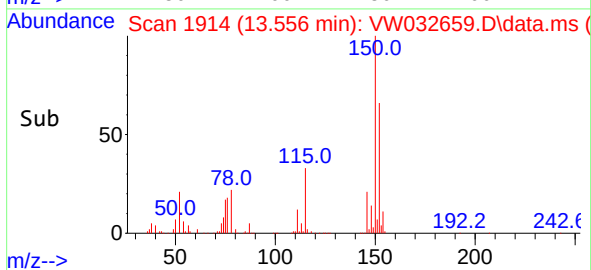
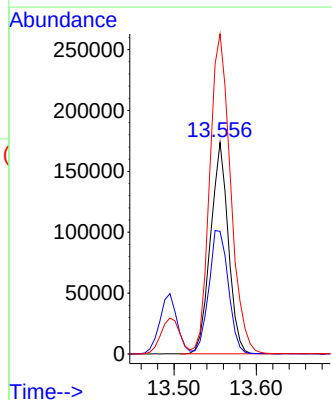
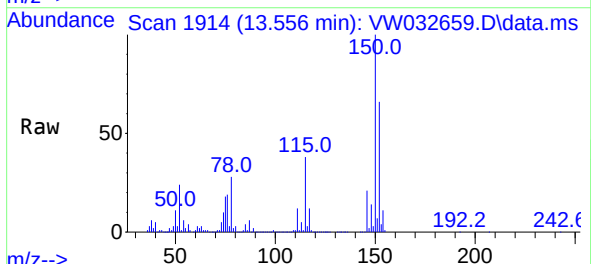
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

Tgt Ion:173 Resp: 121064  
Ion Ratio Lower Upper  
173 100  
175 48.0 24.9 74.7  
254 0.2 0.0 0.0#

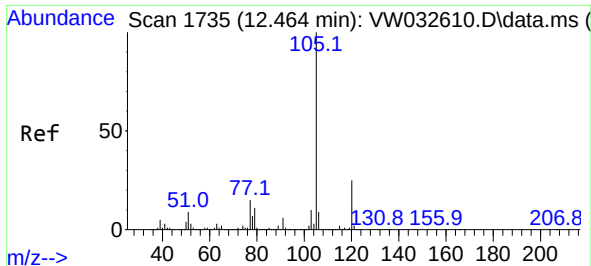


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.556 min Scan# 1914  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:152 Resp: 261475  
Ion Ratio Lower Upper  
152 100  
115 63.9 33.8 101.3  
150 176.6 0.0 369.4



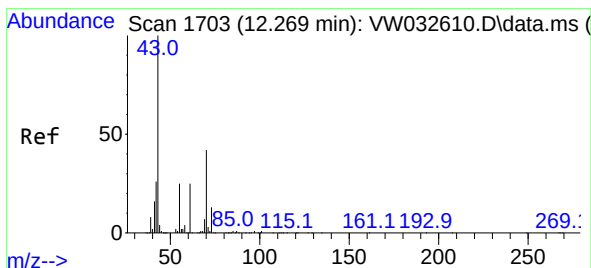
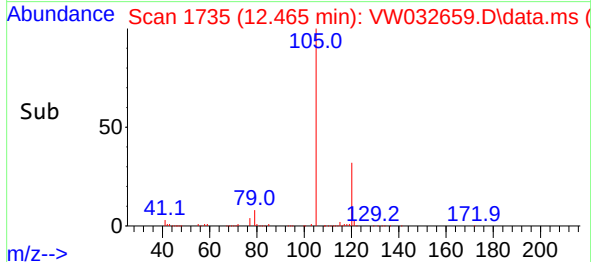
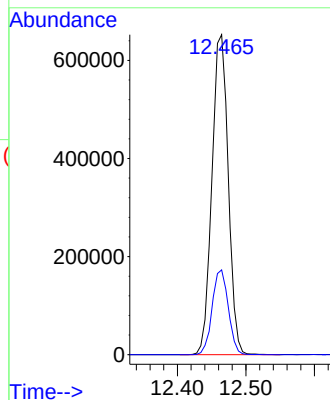
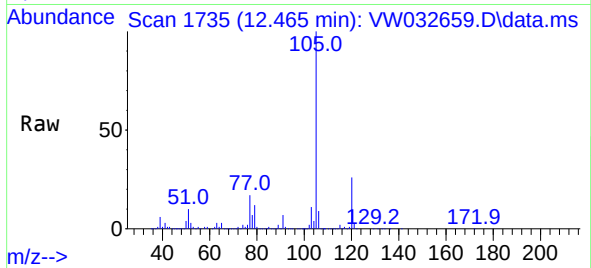




#73  
Isopropylbenzene  
Concen: 54.748 ug/l  
RT: 12.465 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

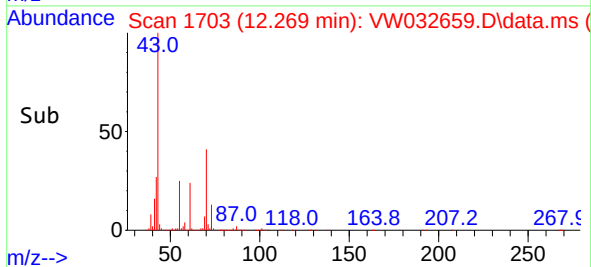
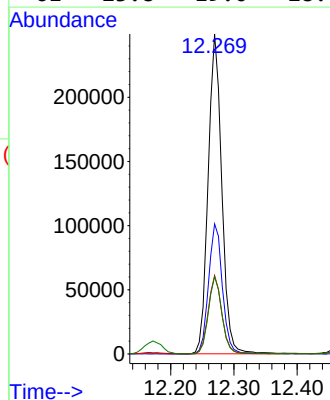
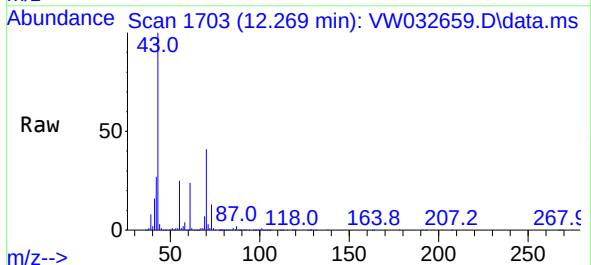
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVWV121625

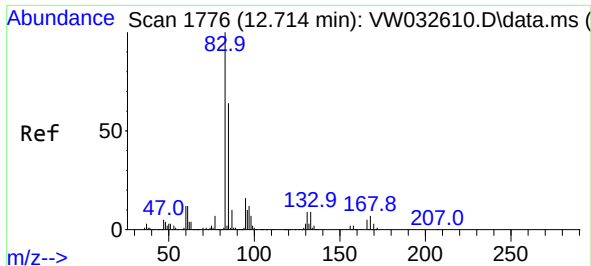
Tgt Ion:105 Resp: 1077134  
Ion Ratio Lower Upper  
105 100  
120 26.2 13.0 39.0



#74  
N-ethyl acetate  
Concen: 58.201 ug/l  
RT: 12.269 min Scan# 1703  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 43 Resp: 374100  
Ion Ratio Lower Upper  
43 100  
70 41.5 32.4 48.6  
55 24.6 19.8 29.6  
61 23.8 19.0 28.4

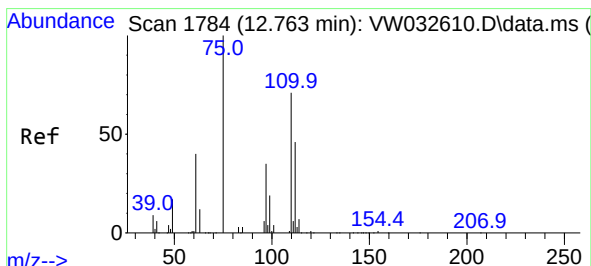
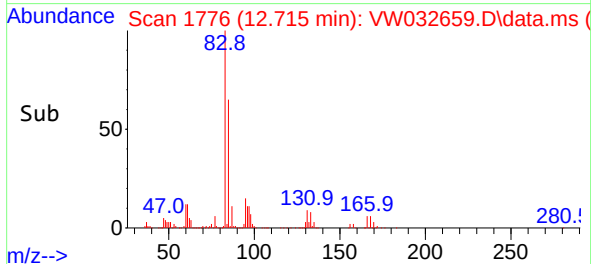
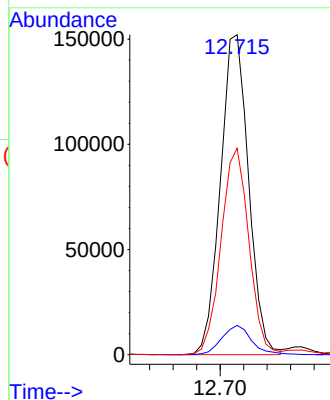
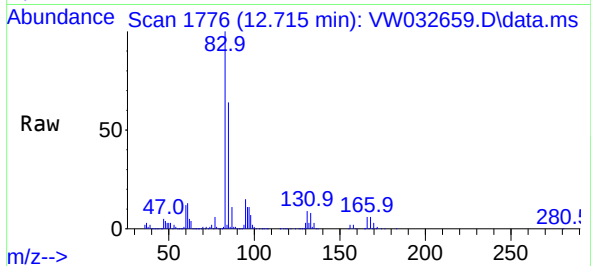




#75  
1,1,2,2-Tetrachloroethane  
Concen: 54.253 ug/l  
RT: 12.715 min Scan# 1776  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

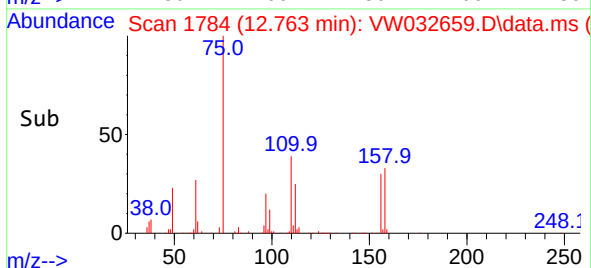
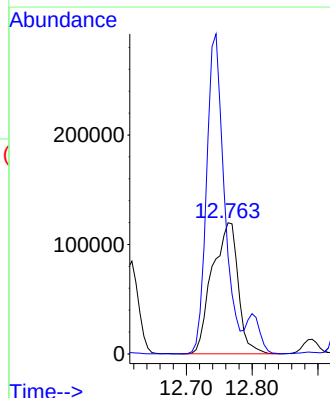
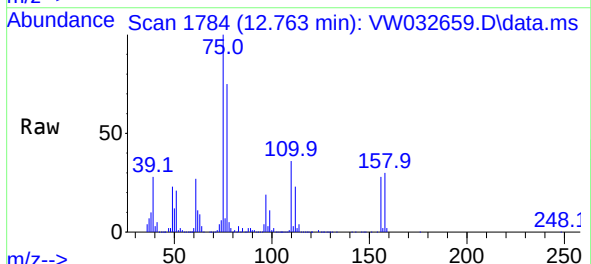
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

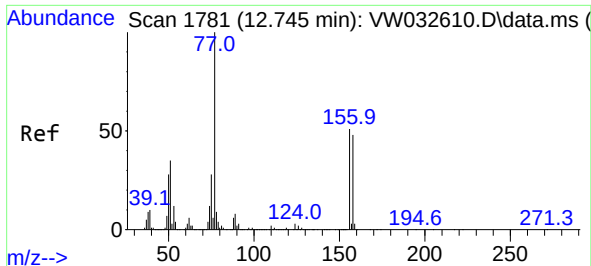
Tgt Ion: 83 Resp: 253688  
Ion Ratio Lower Upper  
83 100  
131 9.6 5.0 14.9  
85 63.7 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 91.740 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 75 Resp: 328369  
Ion Ratio Lower Upper  
75 100  
77 166.4 154.0 462.0

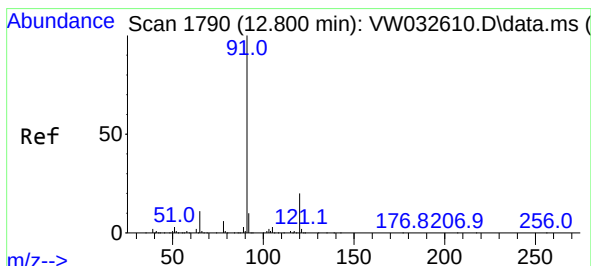
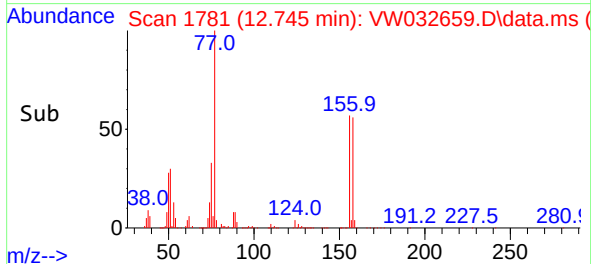
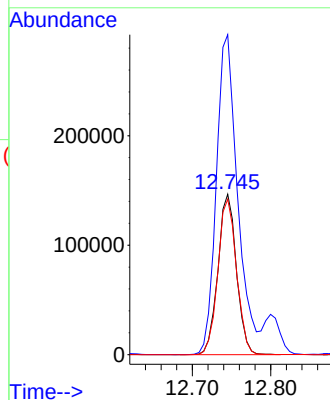
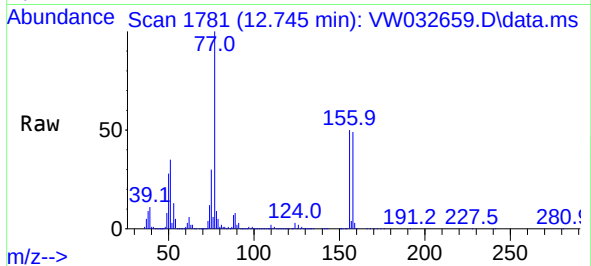




#77  
Bromobenzene  
Concen: 53.111 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

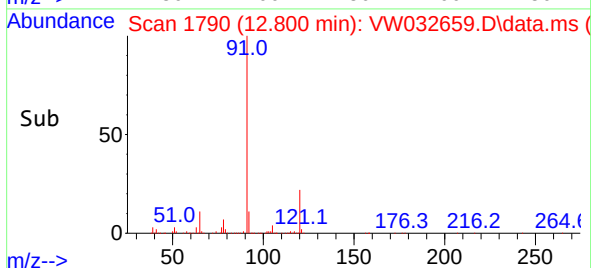
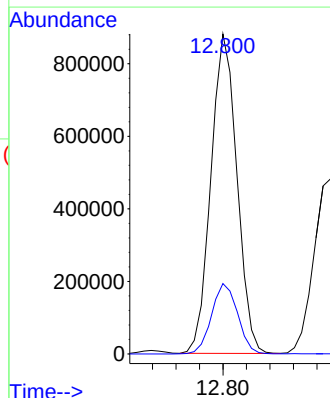
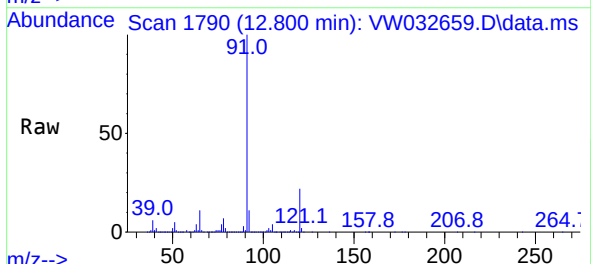
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

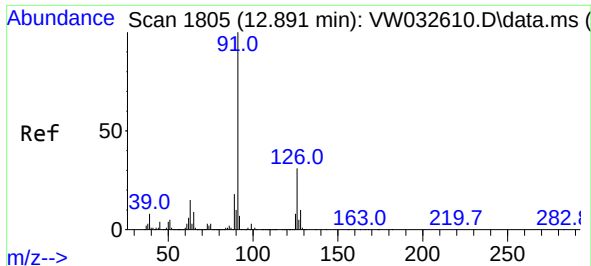
Tgt Ion:156 Resp: 240769  
Ion Ratio Lower Upper  
156 100  
77 227.0 116.7 350.1  
158 97.8 49.9 149.7



#78  
n-propylbenzene  
Concen: 54.288 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 91 Resp: 1353308  
Ion Ratio Lower Upper  
91 100  
120 22.1 10.9 32.6





#79

2-Chlorotoluene

Concen: 53.570 ug/l

RT: 12.891 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VW032659.D

Acq: 16 Dec 2025 16:22

Instrument :

MSVOA\_W

ClientSampleId :

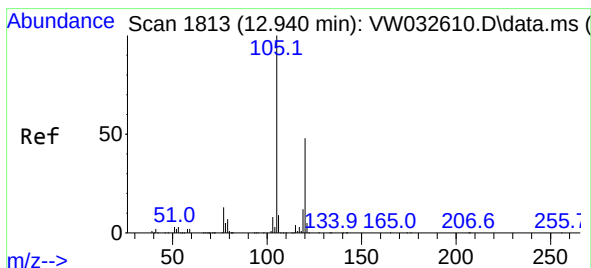
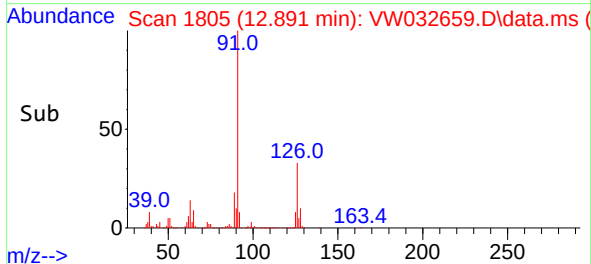
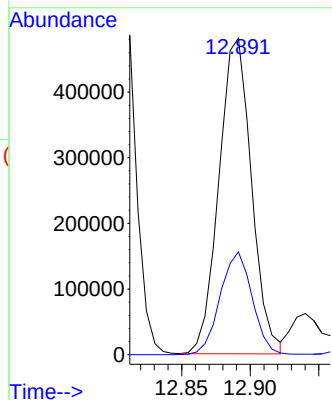
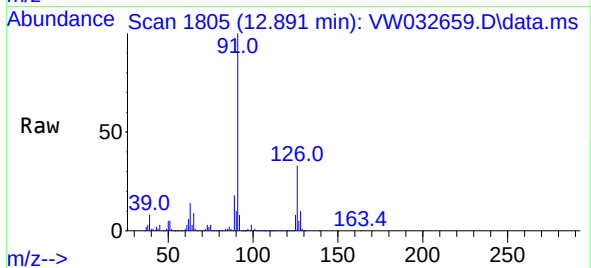
ICVWV121625

Tgt Ion: 91 Resp: 795452

Ion Ratio Lower Upper

91 100

126 32.1 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 54.796 ug/l

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW032659.D

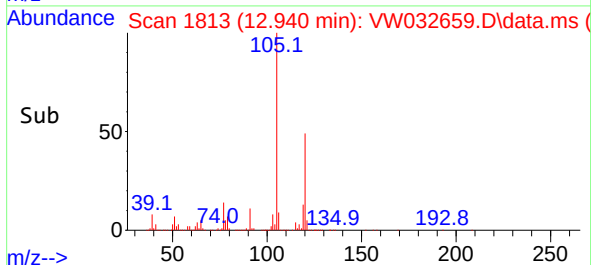
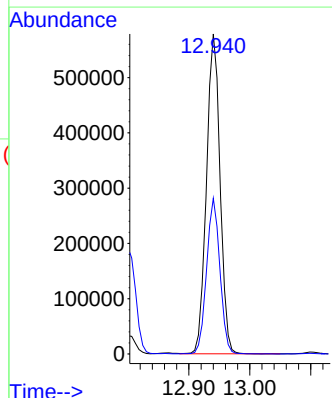
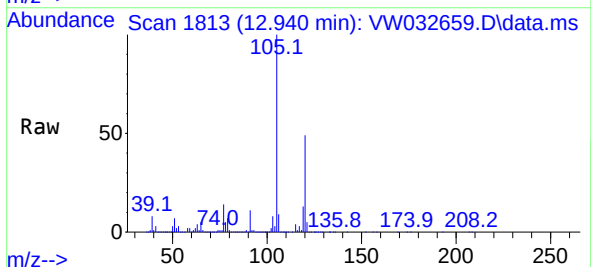
Acq: 16 Dec 2025 16:22

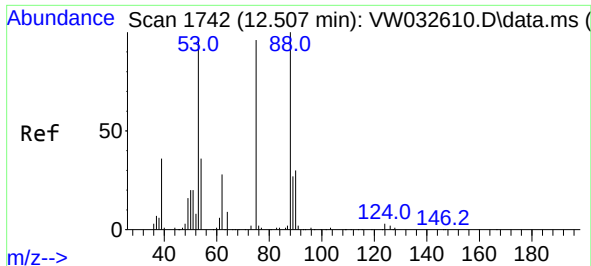
Tgt Ion:105 Resp: 898773

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8

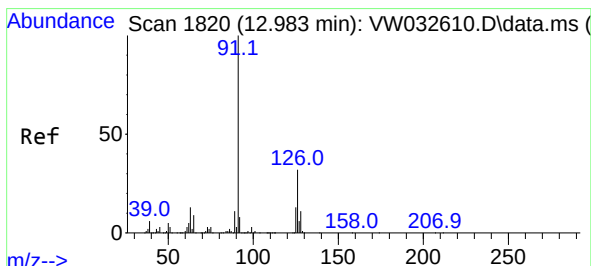
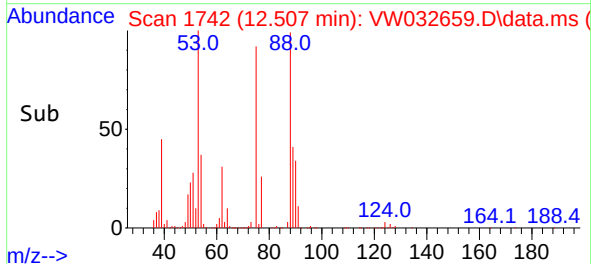
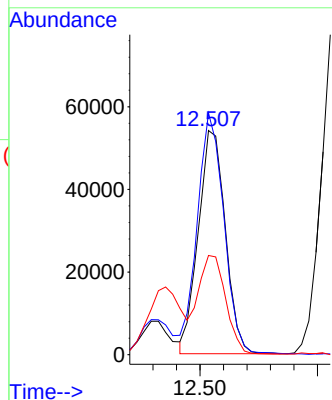
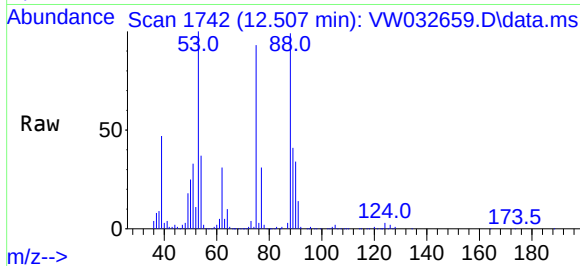




#81  
trans-1,4-Dichloro-2-butene  
Concen: 56.681 ug/l  
RT: 12.507 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

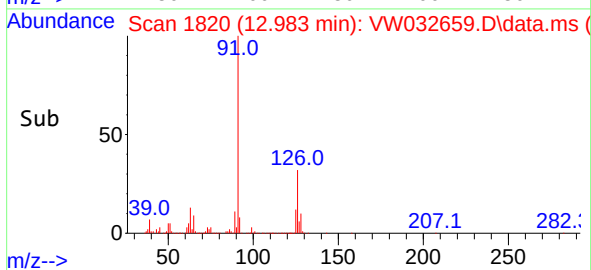
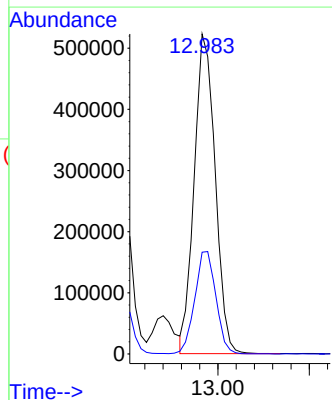
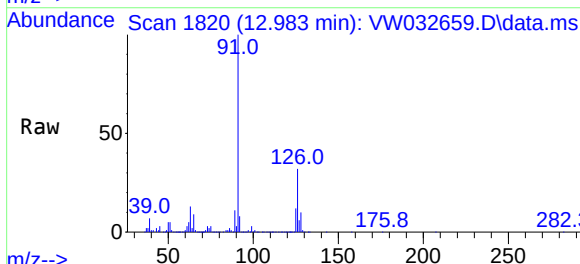
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

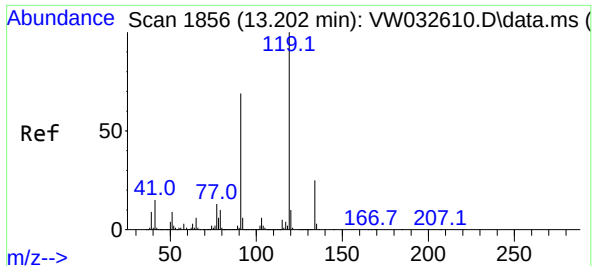
Tgt Ion: 75 Resp: 86445  
Ion Ratio Lower Upper  
75 100  
53 108.4 86.1 129.1  
89 45.4 37.4 56.2



#82  
4-Chlorotoluene  
Concen: 52.765 ug/l  
RT: 12.983 min Scan# 1820  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 91 Resp: 832013  
Ion Ratio Lower Upper  
91 100  
126 32.4 15.8 47.4

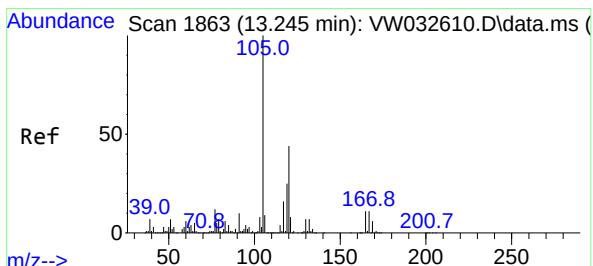
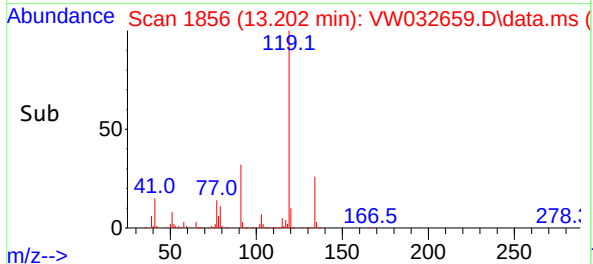
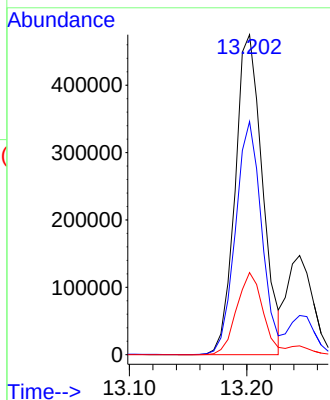
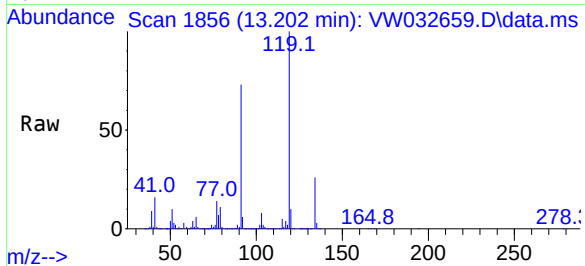




#83  
tert-Butylbenzene  
Concen: 54.520 ug/l  
RT: 13.202 min Scan# 1856  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

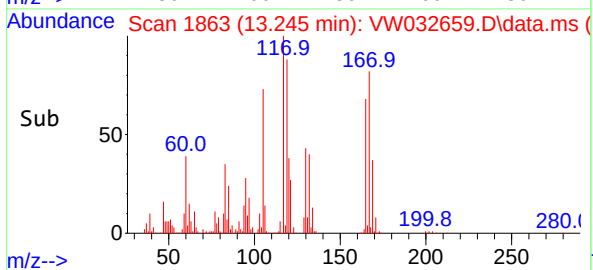
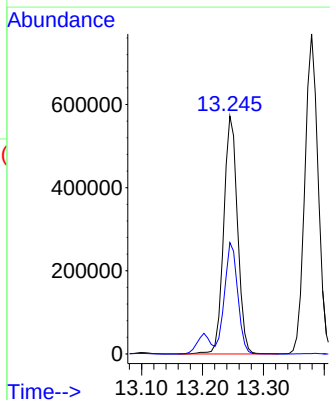
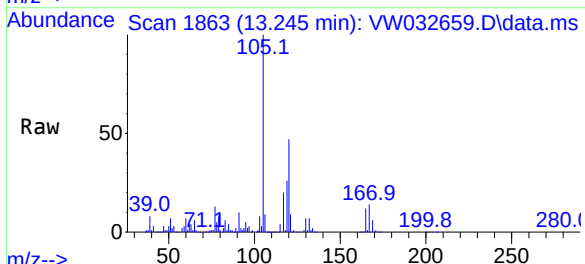
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

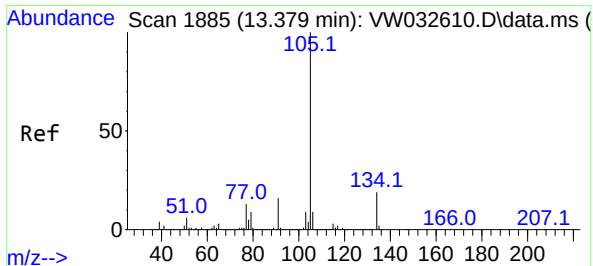
Tgt Ion:119 Resp: 767490  
Ion Ratio Lower Upper  
119 100  
91 69.7 34.3 102.8  
134 24.9 12.6 37.8



#84  
1,2,4-Trimethylbenzene  
Concen: 54.018 ug/l  
RT: 13.245 min Scan# 1863  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:105 Resp: 900222  
Ion Ratio Lower Upper  
105 100  
120 44.6 22.4 67.0

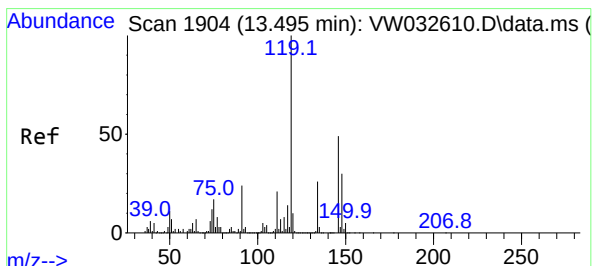
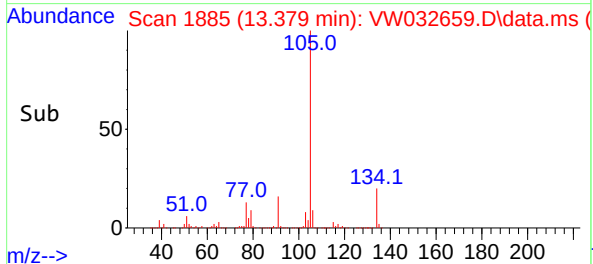
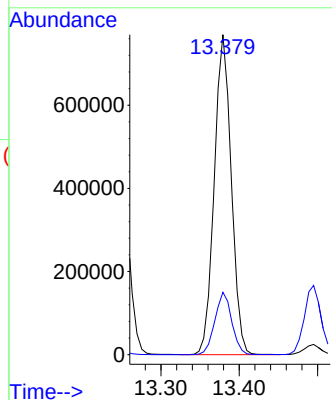
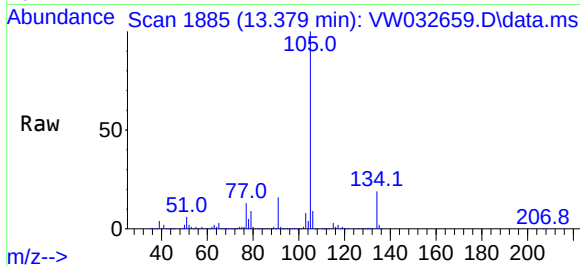




#85  
 sec-Butylbenzene  
 Concen: 54.035 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. -0.000 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

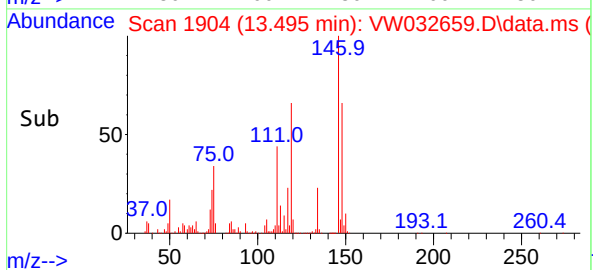
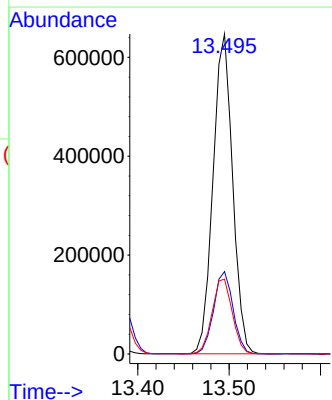
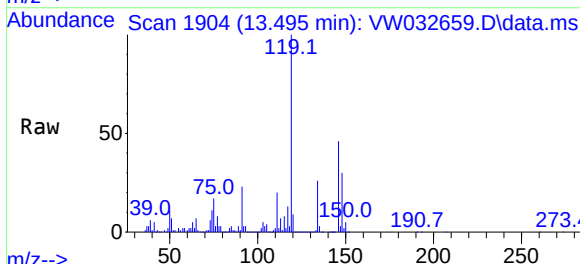
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ICVVW121625

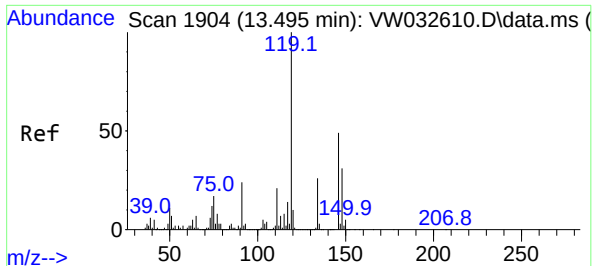
Tgt Ion:105 Resp: 1160512  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 9.7 28.9



#86  
 p-Isopropyltoluene  
 Concen: 54.579 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VW032659.D  
 Acq: 16 Dec 2025 16:22

Tgt Ion:119 Resp: 959862  
 Ion Ratio Lower Upper  
 119 100  
 134 25.7 13.0 39.0  
 91 24.1 12.1 36.3

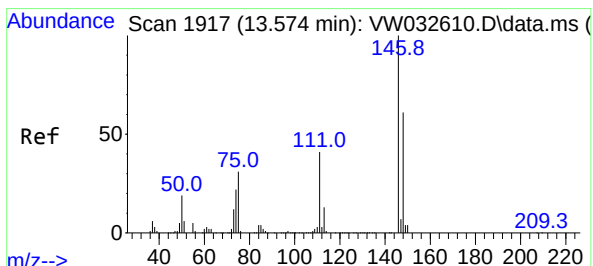
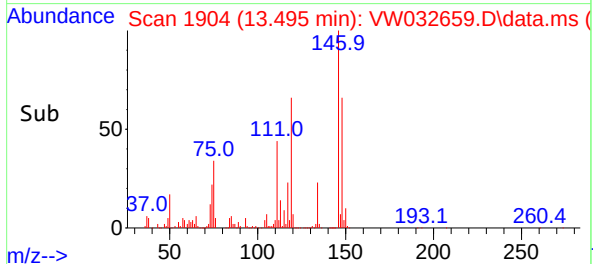
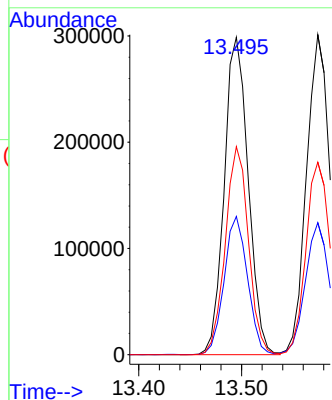
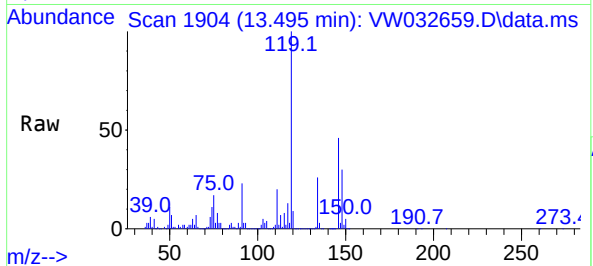




#87  
1,3-Dichlorobenzene  
Concen: 53.098 ug/l  
RT: 13.495 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

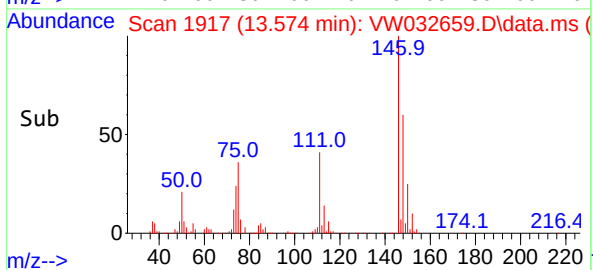
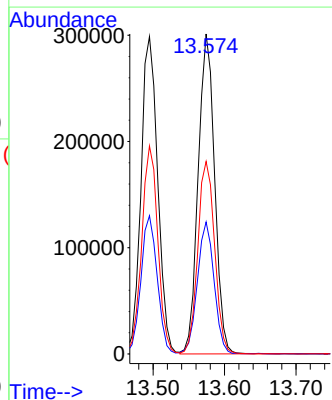
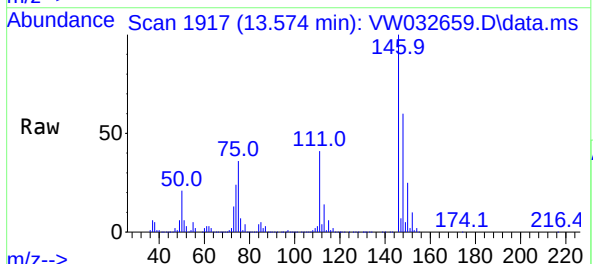
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

Tgt Ion:146 Resp: 484471  
Ion Ratio Lower Upper  
146 100  
111 42.5 21.6 64.6  
148 63.4 31.1 93.3

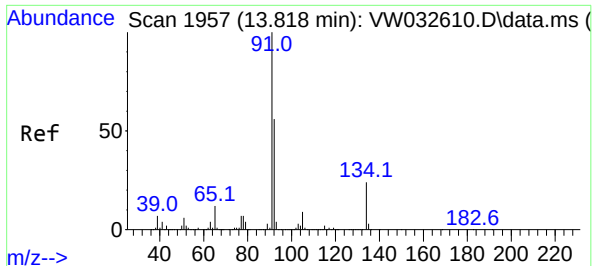


#88  
1,4-Dichlorobenzene  
Concen: 52.543 ug/l  
RT: 13.574 min Scan# 1917  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion:146 Resp: 481604  
Ion Ratio Lower Upper  
146 100  
111 41.7 20.9 62.8  
148 61.5 30.4 91.2



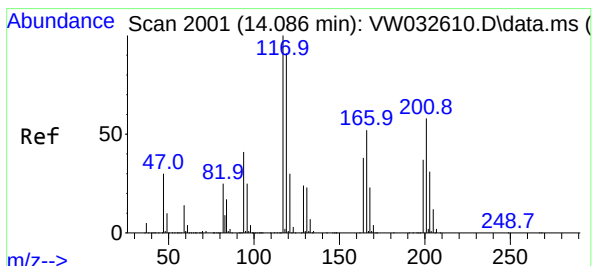
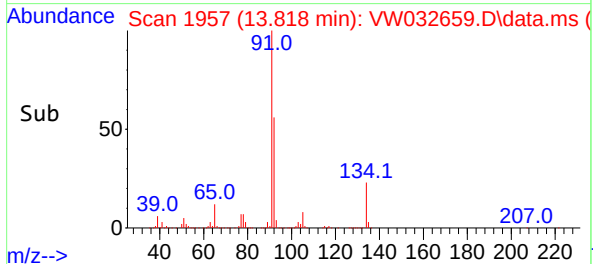
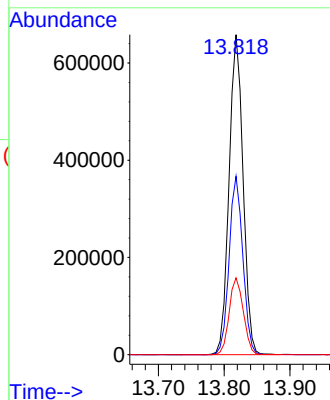
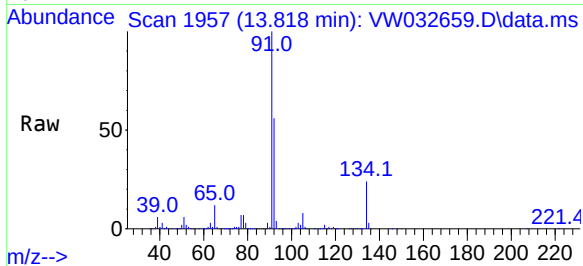




#89  
n-Butylbenzene  
Concen: 55.071 ug/l  
RT: 13.818 min Scan# 1957  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

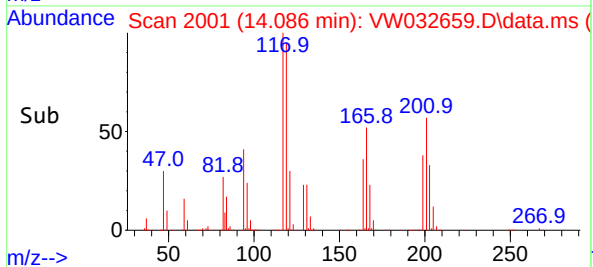
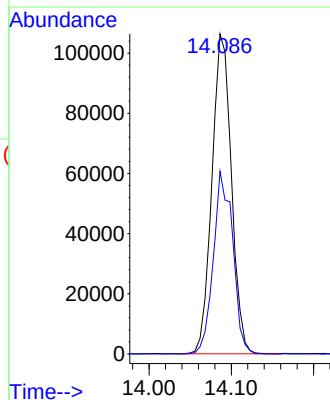
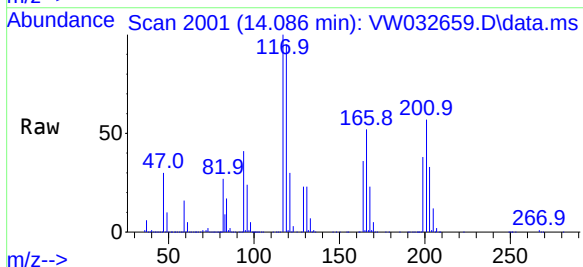
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

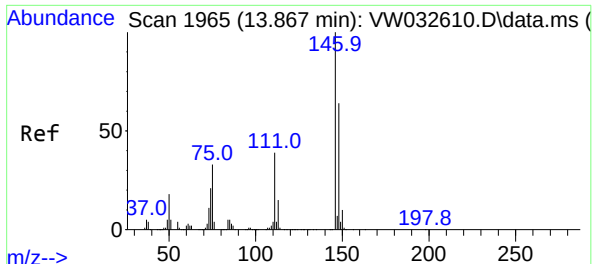
Tgt Ion: 91 Resp: 973973  
Ion Ratio Lower Upper  
91 100  
92 54.8 27.4 82.0  
134 24.3 11.8 35.4



#90  
Hexachloroethane  
Concen: 52.922 ug/l  
RT: 14.086 min Scan# 2001  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 117 Resp: 174924  
Ion Ratio Lower Upper  
117 100  
201 56.9 30.4 91.2

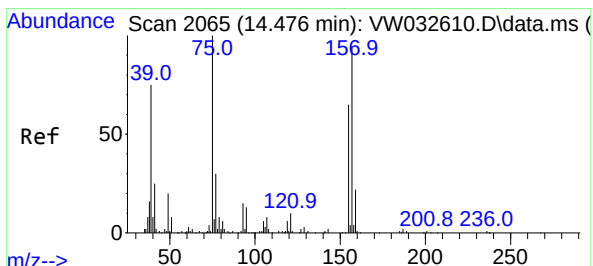
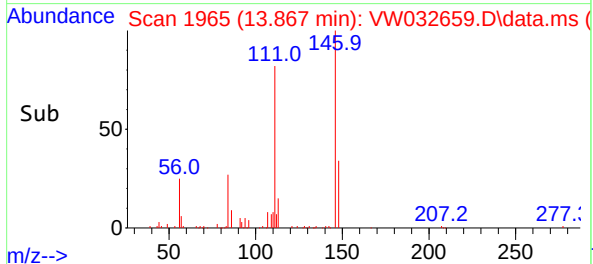
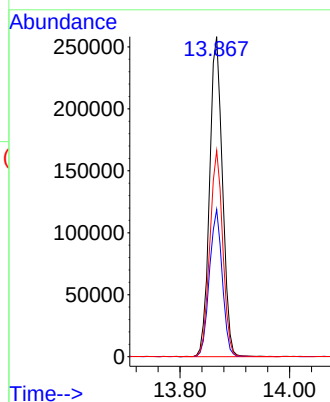
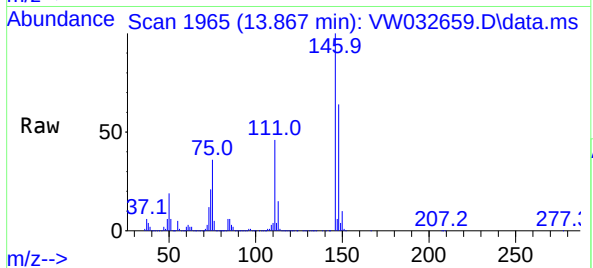




#91  
1,2-Dichlorobenzene  
Concen: 50.748 ug/l  
RT: 13.867 min Scan# 1965  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

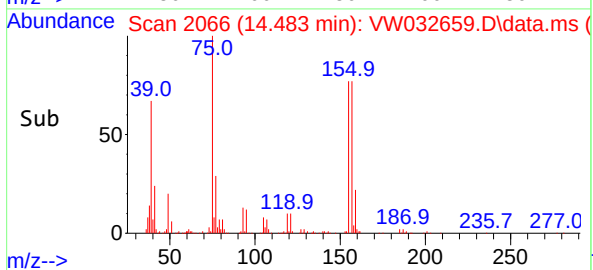
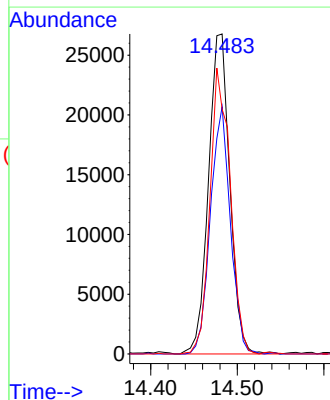
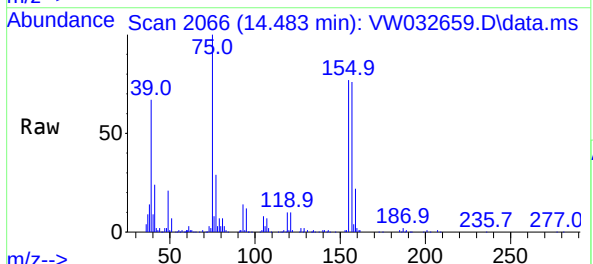
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

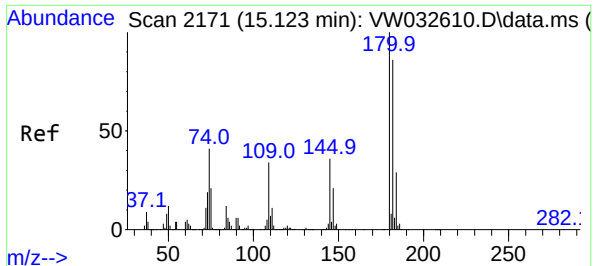
Tgt Ion:146 Resp: 419166  
Ion Ratio Lower Upper  
146 100  
111 45.5 21.5 64.5  
148 64.3 32.4 97.2



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 56.936 ug/l  
RT: 14.483 min Scan# 2066  
Delta R.T. 0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Tgt Ion: 75 Resp: 45814  
Ion Ratio Lower Upper  
75 100  
155 72.3 35.3 105.9  
157 84.9 44.8 134.4

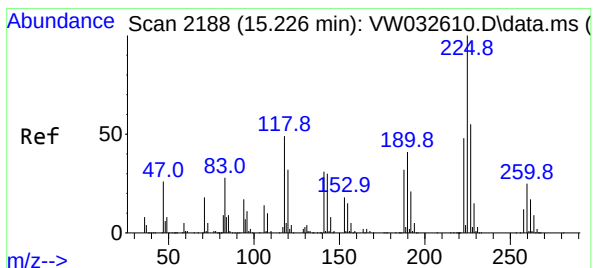
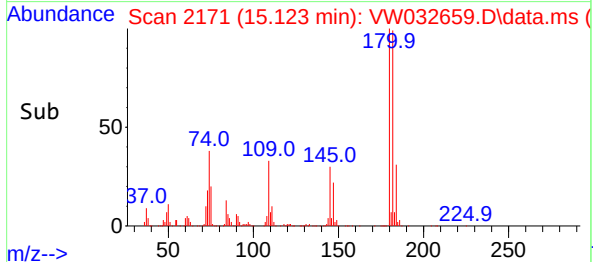
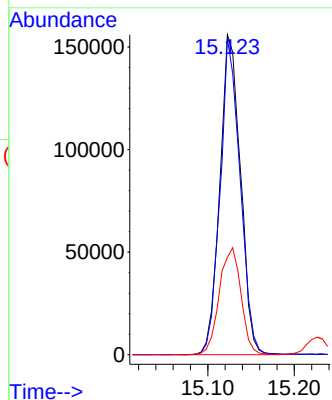
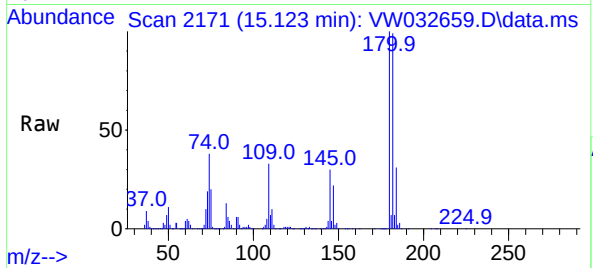




#93  
1,2,4-Trichlorobenzene  
Concen: 52.804 ug/l  
RT: 15.123 min Scan# 2171  
Delta R.T. -0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

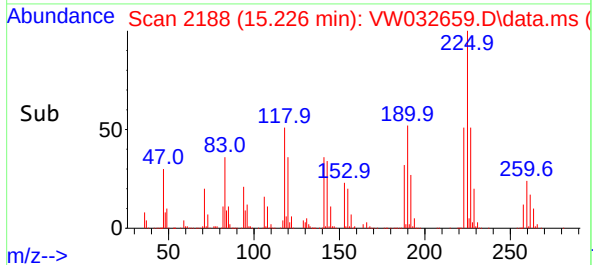
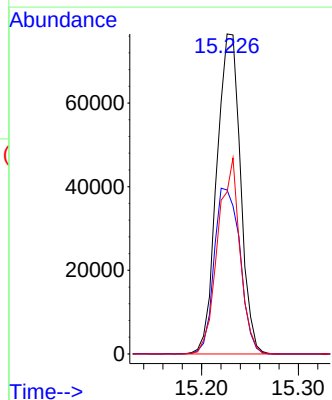
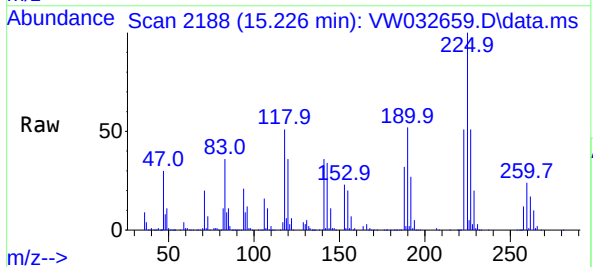
Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

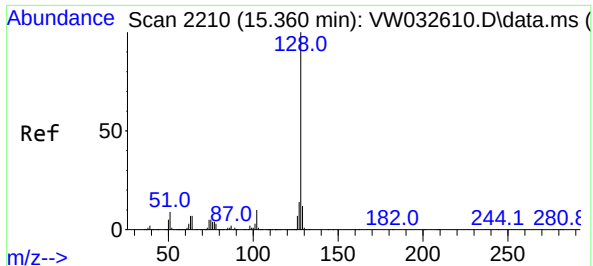
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 258175 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.6  | 46.9  | 140.6  |
| 145      | 35.2  | 17.1  | 51.3   |



#94  
Hexachlorobutadiene  
Concen: 57.011 ug/l  
RT: 15.226 min Scan# 2188  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 130258 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 56.5  | 30.3  | 90.8   |
| 227      | 56.8  | 29.1  | 87.4   |

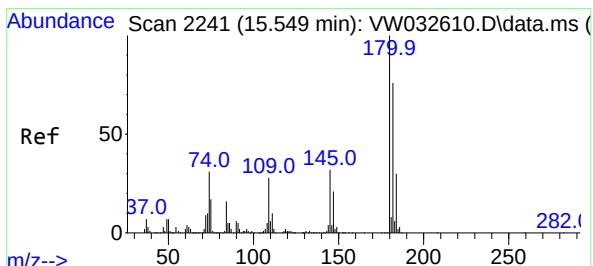
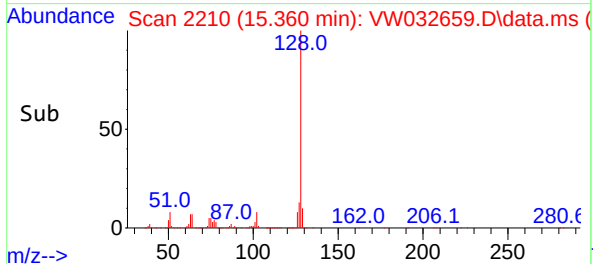
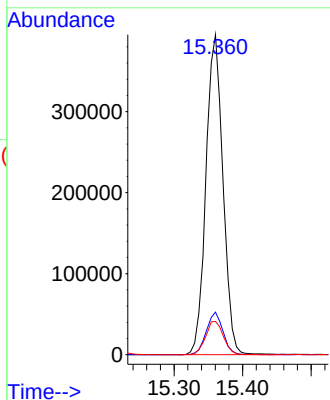
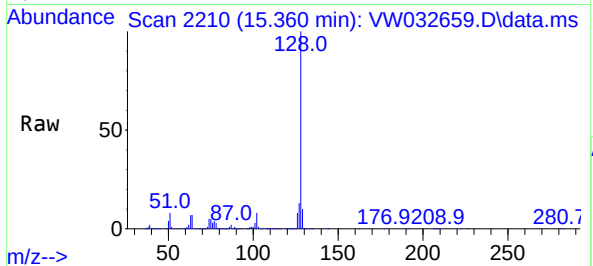




#95  
Naphthalene  
Concen: 59.333 ug/l  
RT: 15.360 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

Instrument :  
MSVOA\_W  
ClientSampleId :  
ICVW121625

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 681960 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 127      | 13.0  | 10.5  | 15.7   |
| 129      | 10.9  | 9.0   | 13.6   |



#96  
1,2,3-Trichlorobenzene  
Concen: 55.570 ug/l  
RT: 15.543 min Scan# 2240  
Delta R.T. -0.006 min  
Lab File: VW032659.D  
Acq: 16 Dec 2025 16:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 244097 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.8  | 45.9  | 137.6  |
| 145      | 35.0  | 17.0  | 51.0   |

