

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW073125\  
 Data File : VW031967.D  
 Acq On : 31 Jul 2025 13:33  
 Operator : SY/MD  
 Sample : VW0731SBSD01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

Quant Time: Aug 01 01:14:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 23 08:18:46 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.953  | 168  | 218987   | 50.000 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.849  | 114  | 407285   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.629 | 117  | 374501   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.556 | 152  | 178621   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 8.313  | 65    | 173752   | 52.450   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 63 - 155 | Recovery | = 104.900% |      |
| 35) Dibromofluoromethane    | 7.898  | 113   | 148418   | 53.628   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 70 - 134 | Recovery | = 107.260% |      |
| 50) Toluene-d8              | 10.325 | 98    | 545930   | 52.121   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 123 | Recovery | = 104.240% |      |
| 62) 4-Bromofluorobenzene    | 12.617 | 95    | 206734   | 51.401   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 17 - 146 | Recovery | = 102.800% |      |

|                              |       |     |        |         |        |     |
|------------------------------|-------|-----|--------|---------|--------|-----|
| Target Compounds             |       |     |        |         | Qvalue |     |
| 2) Dichlorodifluoromethane   | 2.046 | 85  | 31453  | 19.325  | ug/l   | 98  |
| 3) Chloromethane             | 2.253 | 50  | 42486  | 20.338  | ug/l   | 99  |
| 4) Vinyl Chloride            | 2.405 | 62  | 47425  | 17.476  | ug/l   | 95  |
| 5) Bromomethane              | 2.820 | 94  | 37945  | 18.989  | ug/l   | 95  |
| 6) Chloroethane              | 2.966 | 64  | 34921  | 19.498  | ug/l   | 99  |
| 7) Trichlorofluoromethane    | 3.302 | 101 | 42619  | 15.506  | ug/l   | 93  |
| 8) Diethyl Ether             | 3.716 | 74  | 34517  | 18.800  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 4.094 | 101 | 53333  | 20.174  | ug/l   | 99  |
| 10) Methyl Iodide            | 4.308 | 142 | 74524  | 18.854  | ug/l   | 97  |
| 11) Tert butyl alcohol       | 5.222 | 59  | 23630  | 121.350 | ug/l   | 99  |
| 12) 1,1-Dichloroethene       | 4.076 | 96  | 57217  | 19.595  | ug/l   | 96  |
| 13) Acrolein                 | 3.930 | 56  | 17696  | 57.730  | ug/l   | 94  |
| 14) Allyl chloride           | 4.698 | 41  | 80613  | 17.734  | ug/l   | 99  |
| 15) Acrylonitrile            | 5.399 | 53  | 87592  | 106.713 | ug/l   | 97  |
| 16) Acetone                  | 4.161 | 43  | 110827 | 140.985 | ug/l   | 98  |
| 17) Carbon Disulfide         | 4.417 | 76  | 136053 | 17.966  | ug/l   | 99  |
| 18) Methyl Acetate           | 4.704 | 43  | 46307  | 21.382  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 5.466 | 73  | 100323 | 19.885  | ug/l   | 99  |
| 20) Methylene Chloride       | 4.954 | 84  | 66319  | 16.618  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene | 5.460 | 96  | 60164  | 19.419  | ug/l   | 92  |
| 22) Diisopropyl ether        | 6.338 | 45  | 175150 | 19.256  | ug/l   | 97  |
| 23) Vinyl Acetate            | 6.277 | 43  | 605412 | 101.881 | ug/l   | 99  |
| 24) 1,1-Dichloroethane       | 6.234 | 63  | 111965 | 19.771  | ug/l   | 100 |
| 25) 2-Butanone               | 7.191 | 43  | 131684 | 122.434 | ug/l   | 95  |
| 26) 2,2-Dichloropropane      | 7.173 | 77  | 57012  | 17.782  | ug/l   | 97  |
| 27) cis-1,2-Dichloroethene   | 7.185 | 96  | 72087  | 19.792  | ug/l   | 99  |
| 28) Bromochloromethane       | 7.526 | 49  | 46251  | 19.506  | ug/l   | 98  |
| 29) Tetrahydrofuran          | 7.551 | 42  | 77081  | 109.310 | ug/l   | 99  |
| 30) Chloroform               | 7.691 | 83  | 122081 | 20.560  | ug/l   | 97  |
| 31) Cyclohexane              | 7.965 | 56  | 96303  | 18.955  | ug/l # | 92  |
| 32) 1,1,1-Trichloroethane    | 7.886 | 97  | 84295  | 18.656  | ug/l   | 99  |
| 36) 1,1-Dichloropropene      | 8.093 | 75  | 81653  | 19.212  | ug/l   | 100 |
| 37) Ethyl Acetate            | 7.270 | 43  | 52125  | 21.499  | ug/l   | 100 |
| 38) Carbon Tetrachloride     | 8.081 | 117 | 78628  | 19.276  | ug/l   | 100 |
| 39) Methylcyclohexane        | 9.337 | 83  | 100900 | 18.864  | ug/l   | 98  |
| 40) Benzene                  | 8.331 | 78  | 249732 | 19.849  | ug/l   | 98  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW073125\  
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 Acq On : 31 Jul 2025 13:33  
 Operator : SY/MD  
 Sample : VW0731SBSD01  
 Misc : 5.00g/5mL/MSVOA\_W/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

Quant Time: Aug 01 01:14:32 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 23 08:18:46 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.496  | 41   | 27703    | 19.087  | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 8.410  | 62   | 83350    | 20.700  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.435  | 43   | 89645    | 20.424  | ug/l   | 99       |
| 44) Trichloroethene           | 9.093  | 130  | 59127    | 19.771  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 9.374  | 63   | 60598    | 19.999  | ug/l   | 96       |
| 46) Dibromomethane            | 9.459  | 93   | 39243    | 20.893  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.648  | 83   | 90649    | 20.126  | ug/l   | 96       |
| 48) Methyl methacrylate       | 9.441  | 41   | 42502    | 20.353  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.465  | 88   | 9552     | 509.654 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone      | 10.209 | 43   | 269066   | 112.012 | ug/l   | 99       |
| 52) Toluene                   | 10.392 | 92   | 161037   | 19.911  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 10.611 | 75   | 83073    | 19.228  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene   | 10.075 | 75   | 97567    | 19.775  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane     | 10.788 | 97   | 53734    | 21.537  | ug/l   | 95       |
| 56) Ethyl methacrylate        | 10.648 | 69   | 73824    | 20.951  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.934 | 76   | 92572    | 21.061  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.928  | 63   | 182522   | 100.844 | ug/l   | 98       |
| 59) 2-Hexanone                | 10.971 | 43   | 185060   | 110.834 | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.129 | 129  | 61045    | 20.985  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 11.239 | 107  | 52313    | 21.219  | ug/l   | 97       |
| 64) Tetrachloroethene         | 10.867 | 164  | 44804    | 18.146  | ug/l   | 96       |
| 65) Chlorobenzene             | 11.660 | 112  | 176146   | 19.218  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane | 11.733 | 131  | 55699    | 19.602  | ug/l   | 97       |
| 67) Ethyl Benzene             | 11.733 | 91   | 303487   | 18.845  | ug/l   | 98       |
| 68) m/p-Xylenes               | 11.837 | 106  | 235020   | 38.766  | ug/l   | 99       |
| 69) o-Xylene                  | 12.166 | 106  | 108912   | 18.983  | ug/l   | 97       |
| 70) Styrene                   | 12.178 | 104  | 191105   | 19.564  | ug/l   | 98       |
| 71) Bromoform                 | 12.349 | 173  | 31783    | 20.452  | ug/l # | 92       |
| 73) Isopropylbenzene          | 12.459 | 105  | 288180   | 18.594  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.270 | 43   | 84128    | 20.079  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane | 12.715 | 83   | 67068    | 20.387  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.763 | 75   | 84214    | 34.148  | ug/l # | 100      |
| 77) Bromobenzene              | 12.745 | 156  | 62434    | 18.619  | ug/l   | 99       |
| 78) n-propylbenzene           | 12.800 | 91   | 348289   | 18.298  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.885 | 91   | 212685   | 18.714  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 244671   | 18.823  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-b... | 12.507 | 75   | 20071    | 18.790  | ug/l # | 91       |
| 82) 4-Chlorotoluene           | 12.983 | 91   | 225385   | 18.904  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.202 | 119  | 202572   | 18.296  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 244834   | 18.610  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.379 | 105  | 306184   | 18.415  | ug/l   | 98       |
| 86) p-Isopropyltoluene        | 13.495 | 119  | 260330   | 18.943  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.495 | 146  | 133110   | 19.069  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene       | 13.574 | 146  | 131684   | 19.258  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.818 | 91   | 247211   | 18.337  | ug/l   | 99       |
| 90) Hexachloroethane          | 14.092 | 117  | 42377    | 17.832  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene       | 13.867 | 146  | 117493   | 18.993  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.476 | 75   | 11921    | 20.058  | ug/l   | 98       |
| 93) 1,2,4-Trichlorobenzene    | 15.129 | 180  | 73861    | 19.798  | ug/l   | 91       |
| 94) Hexachlorobutadiene       | 15.226 | 225  | 32086    | 18.150  | ug/l   | 96       |
| 95) Naphthalene               | 15.354 | 128  | 172673   | 18.826  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 66012    | 19.529  | ug/l   | 96       |

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Data File : VW031967.D  
Acq On : 31 Jul 2025 13:33  
Operator : SY/MD  
Sample : VW0731SBSD01  
Misc : 5.00g/5mL/MSVOA\_W/SOIL  
ALS Vial : 6 Sample Multiplier: 1

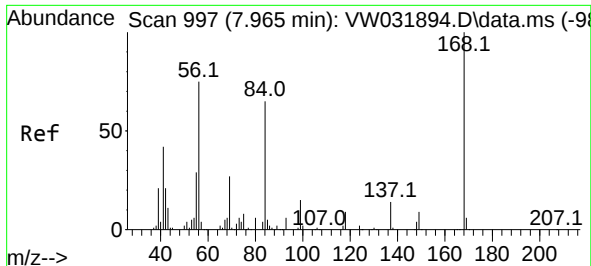
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

Quant Time: Aug 01 01:14:32 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\82W072225S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 23 08:18:46 2025  
Response via : Initial Calibration

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

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

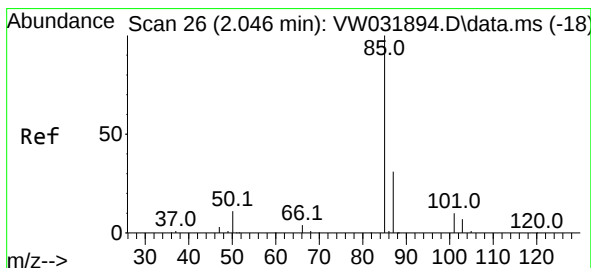
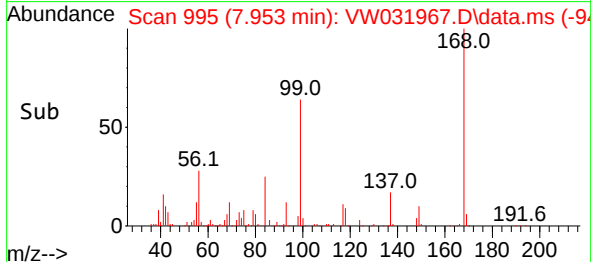
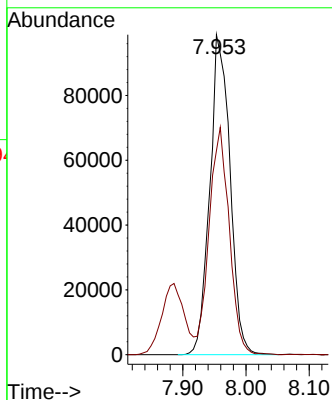
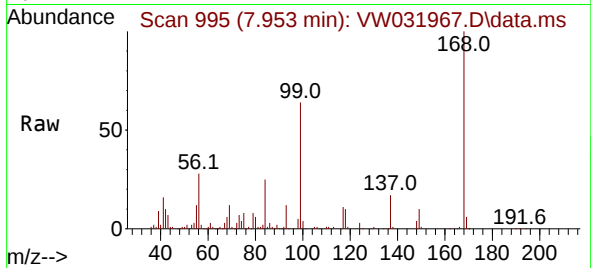




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.953 min Scan# 99  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

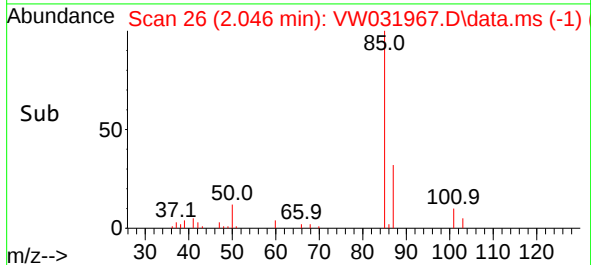
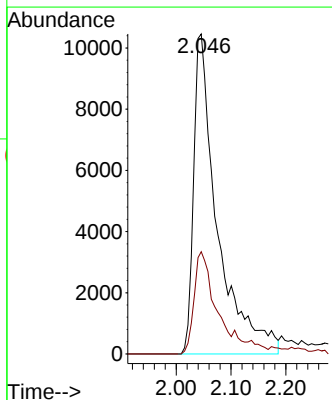
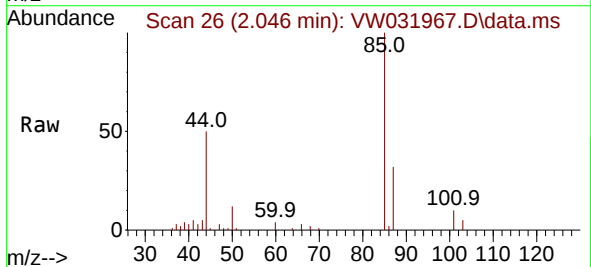
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

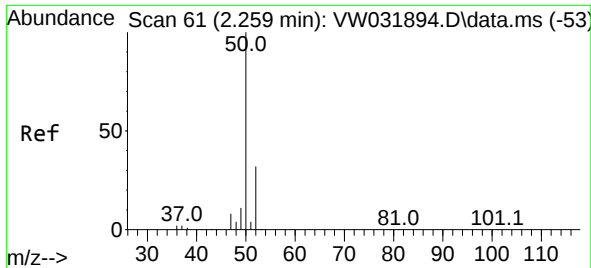
Tgt Ion:168 Resp: 218987  
Ion Ratio Lower Upper  
168 100  
99 63.7 48.2 72.2



#2  
Dichlorodifluoromethane  
Concen: 19.325 ug/l  
RT: 2.046 min Scan# 26  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 85 Resp: 31453  
Ion Ratio Lower Upper  
85 100  
87 31.9 15.5 46.5

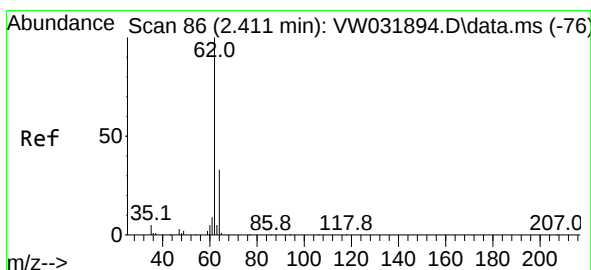
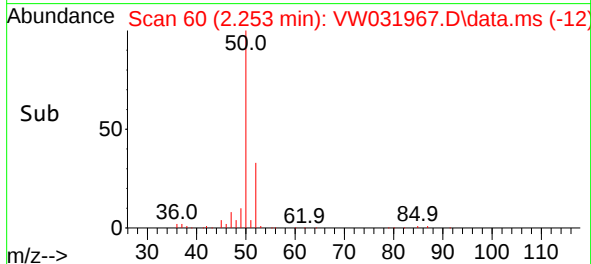
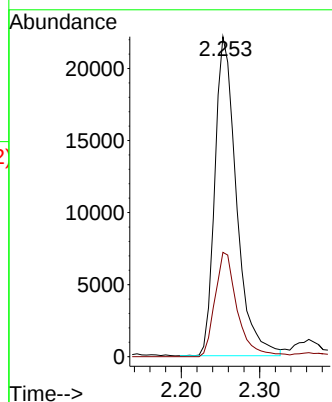
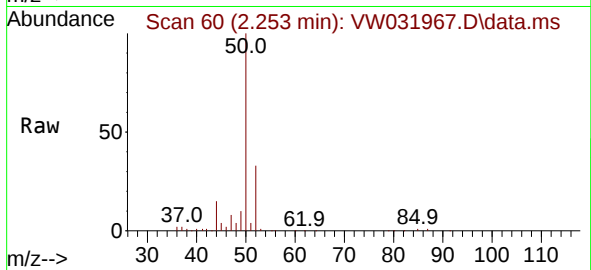




#3  
Chloromethane  
Concen: 20.338 ug/l  
RT: 2.253 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

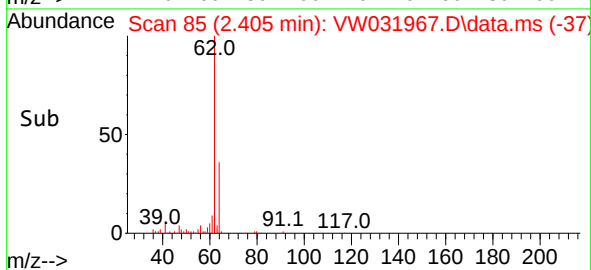
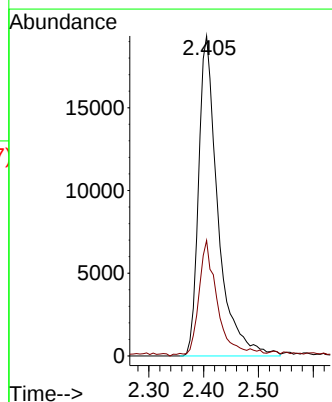
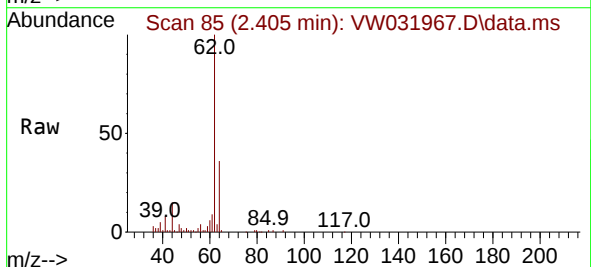
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

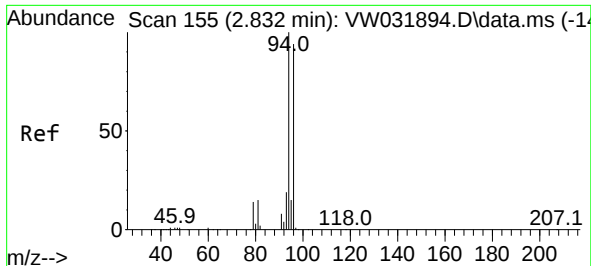
Tgt Ion: 50 Resp: 42486  
Ion Ratio Lower Upper  
50 100  
52 32.7 25.7 38.5



#4  
Vinyl Chloride  
Concen: 17.476 ug/l  
RT: 2.405 min Scan# 85  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 62 Resp: 47425  
Ion Ratio Lower Upper  
62 100  
64 35.4 26.2 39.2

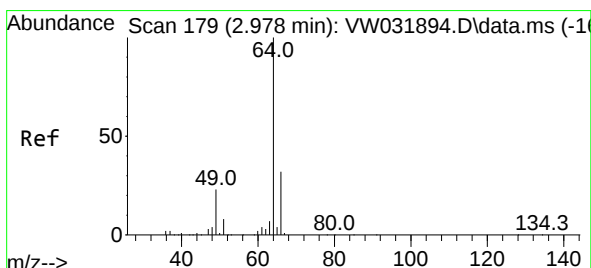
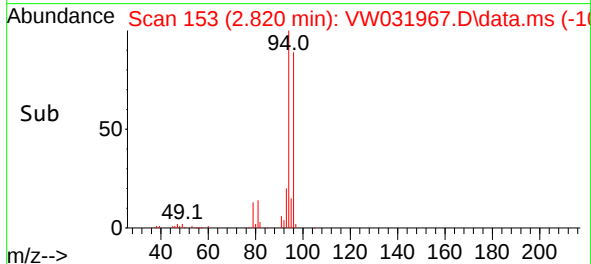
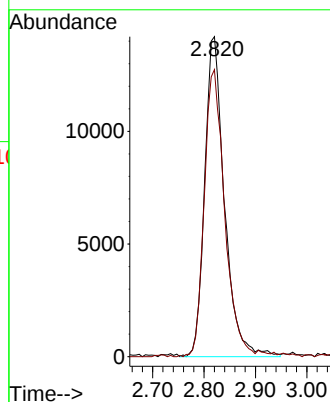
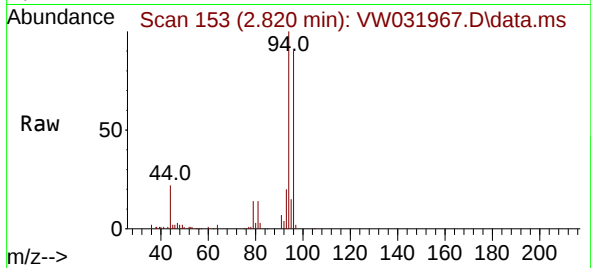




#5  
Bromomethane  
Concen: 18.989 ug/l  
RT: 2.820 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

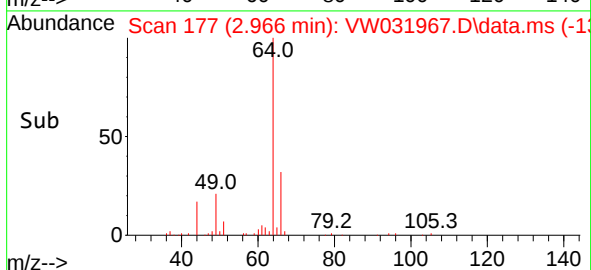
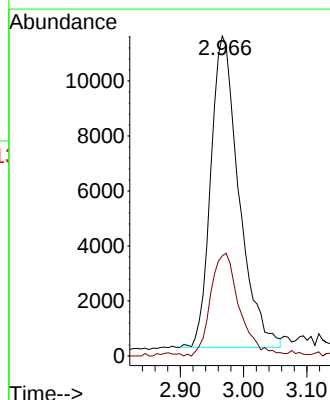
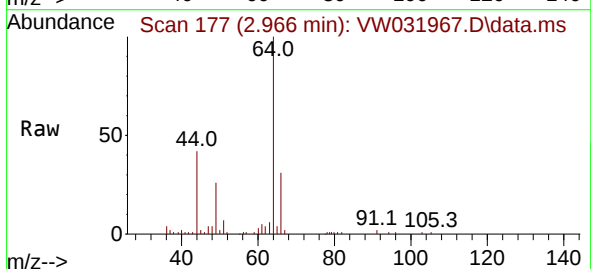
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

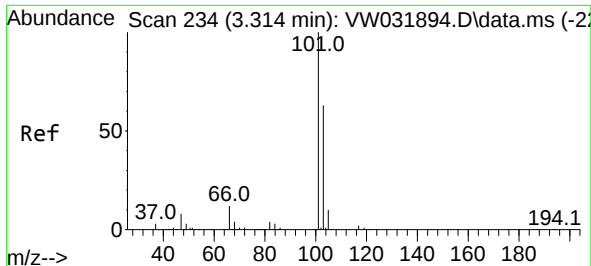
Tgt Ion: 94 Resp: 37945  
Ion Ratio Lower Upper  
94 100  
96 89.3 75.0 112.6



#6  
Chloroethane  
Concen: 19.498 ug/l  
RT: 2.966 min Scan# 177  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 64 Resp: 34921  
Ion Ratio Lower Upper  
64 100  
66 31.5 25.6 38.4

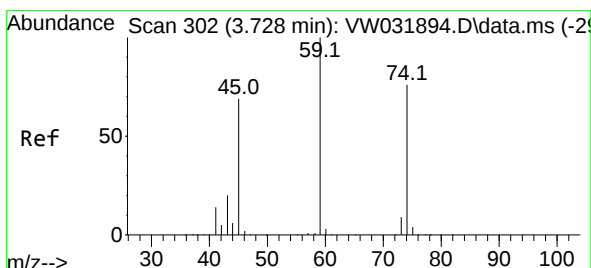
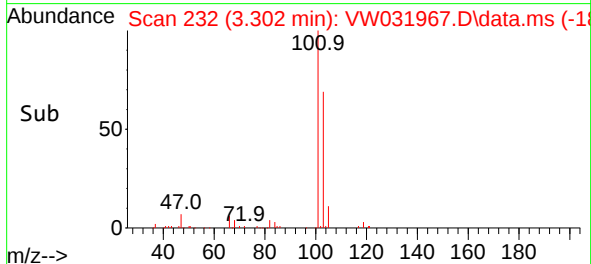
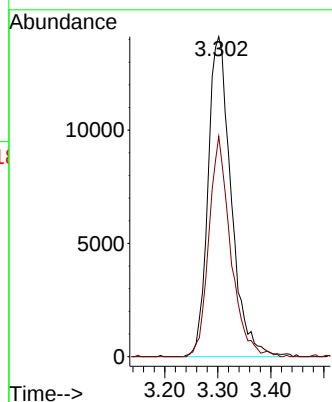
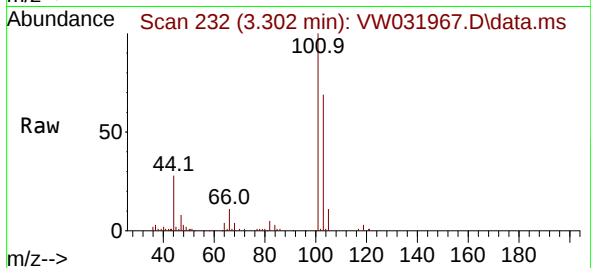




#7  
 Trichlorofluoromethane  
 Concen: 15.506 ug/l  
 RT: 3.302 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

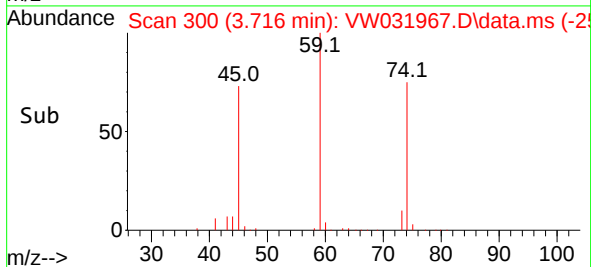
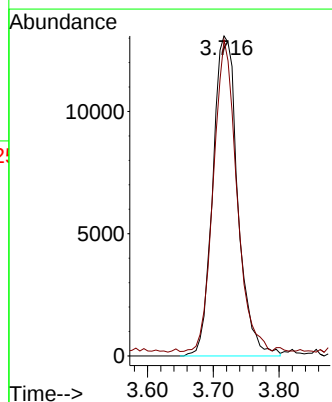
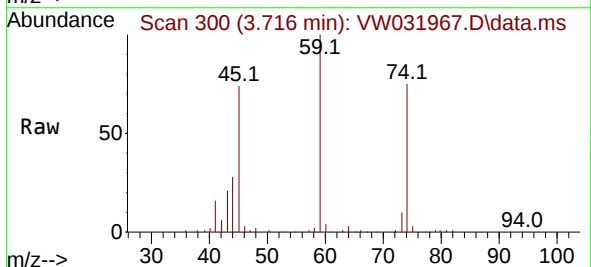
Instrument :  
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 ClientSampleId :  
 VW0731SBSD01

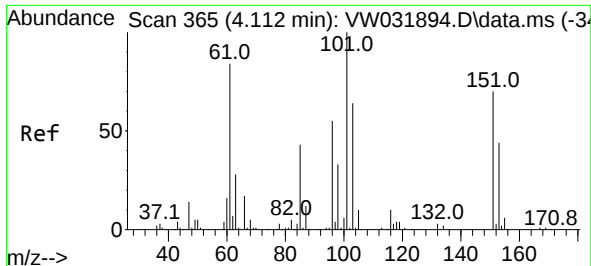
Tgt Ion:101 Resp: 42619  
 Ion Ratio Lower Upper  
 101 100  
 103 68.8 50.7 76.1



#8  
 Diethyl Ether  
 Concen: 18.800 ug/l  
 RT: 3.716 min Scan# 300  
 Delta R.T. -0.012 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion: 74 Resp: 34517  
 Ion Ratio Lower Upper  
 74 100  
 45 90.8 45.5 136.5

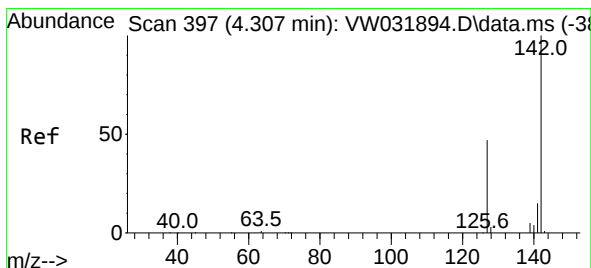
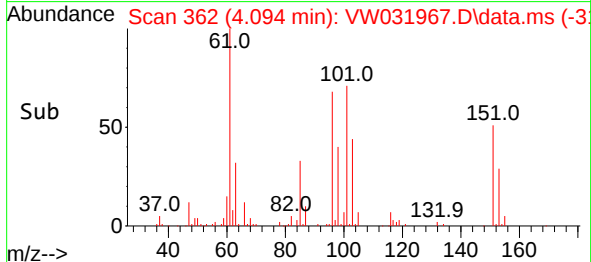
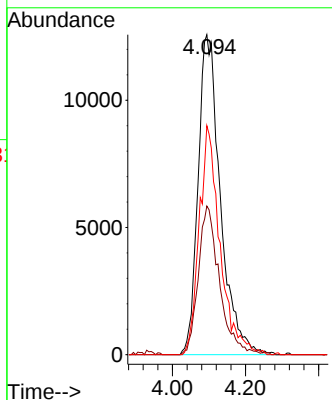
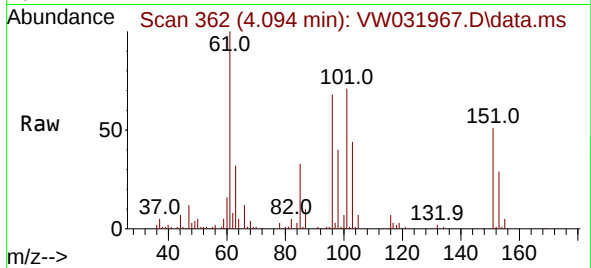




#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 20.174 ug/l  
 RT: 4.094 min Scan# 365  
 Delta R.T. -0.018 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

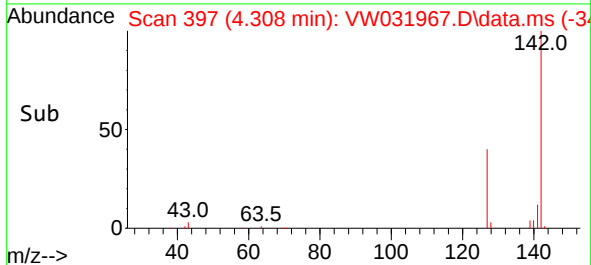
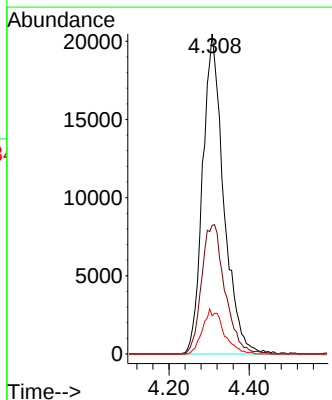
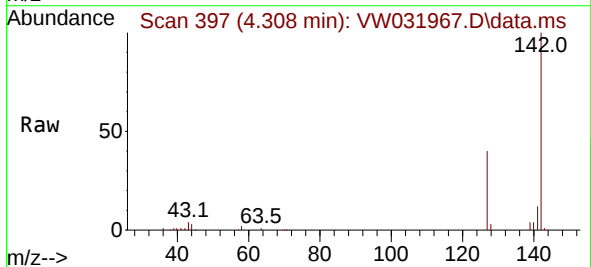
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 ClientSampleId :  
 VW0731SBSD01

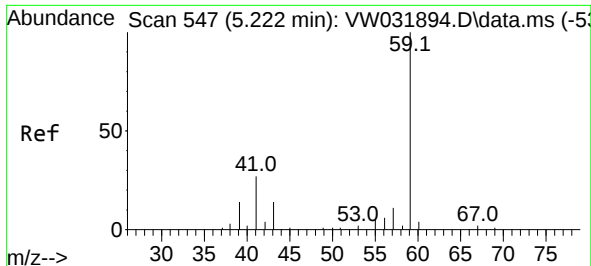
Tgt Ion:101 Resp: 53333  
 Ion Ratio Lower Upper  
 101 100  
 85 44.2 35.5 53.3  
 151 66.7 54.6 81.8



#10  
 Methyl Iodide  
 Concen: 18.854 ug/l  
 RT: 4.308 min Scan# 397  
 Delta R.T. 0.000 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion:142 Resp: 74524  
 Ion Ratio Lower Upper  
 142 100  
 127 45.0 37.4 56.2  
 141 14.1 11.9 17.9

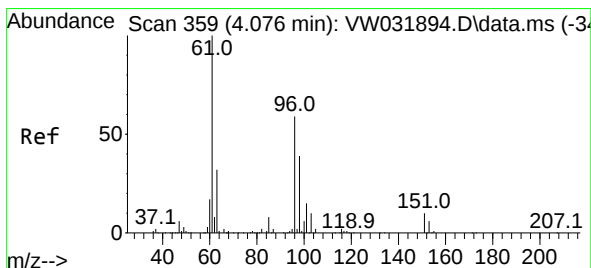
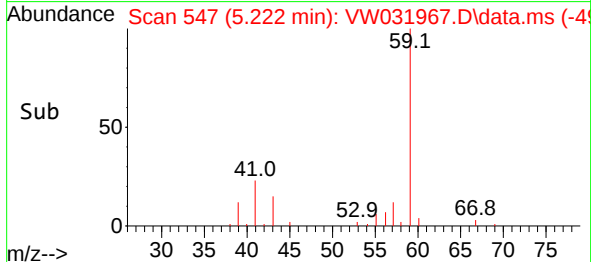
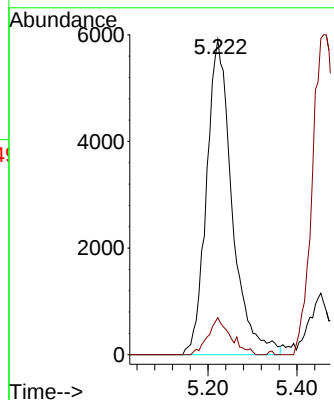
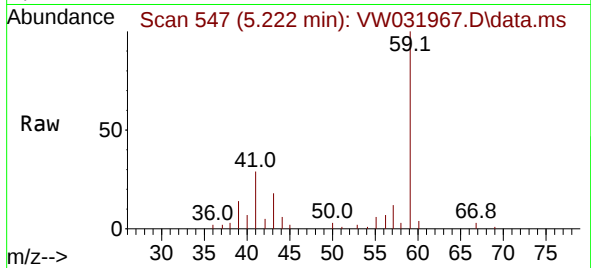




#11  
Tert butyl alcohol  
Concen: 121.350 ug/l  
RT: 5.222 min Scan# 547  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

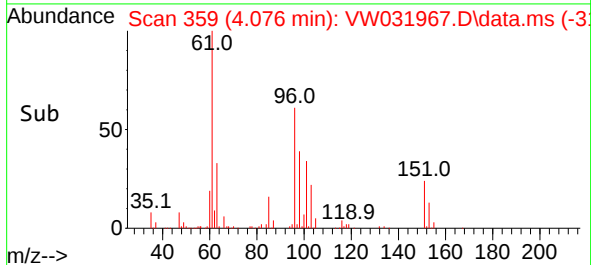
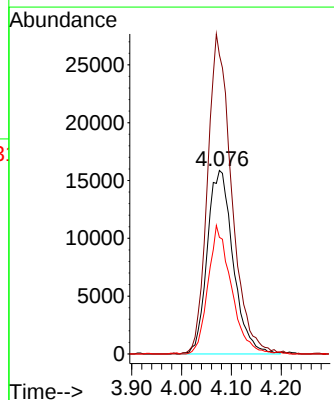
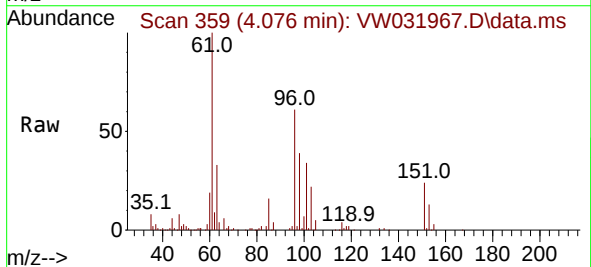
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

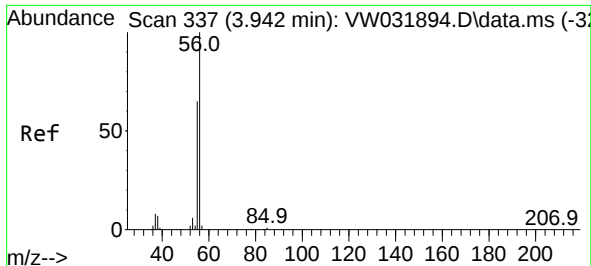
Tgt Ion: 59 Resp: 23630  
Ion Ratio Lower Upper  
59 100  
57 10.3 8.6 12.8



#12  
1,1-Dichloroethene  
Concen: 19.595 ug/l  
RT: 4.076 min Scan# 359  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 96 Resp: 57217  
Ion Ratio Lower Upper  
96 100  
61 163.0 135.0 202.6  
98 63.6 52.3 78.5

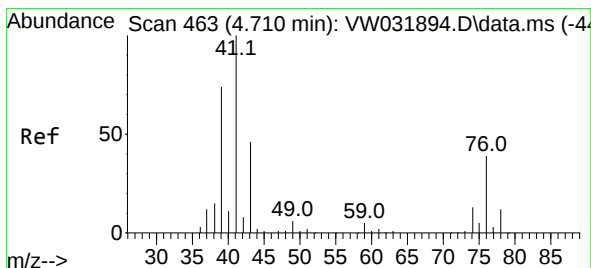
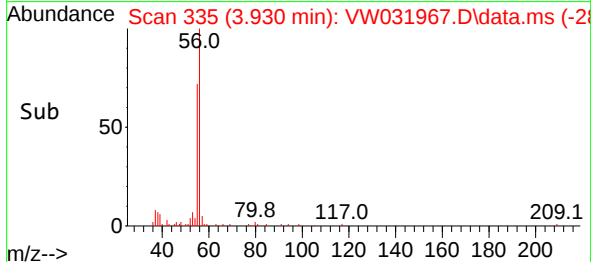
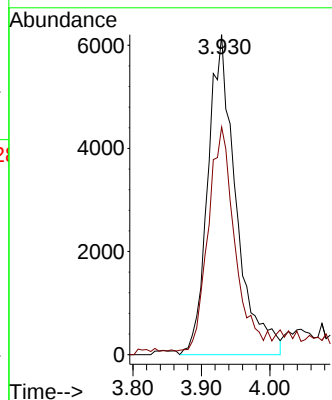
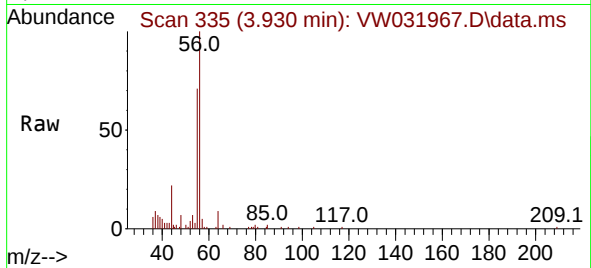




#13  
Acrolein  
Concen: 57.730 ug/l  
RT: 3.930 min Scan# 31  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

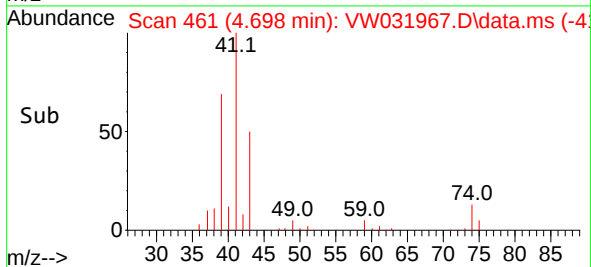
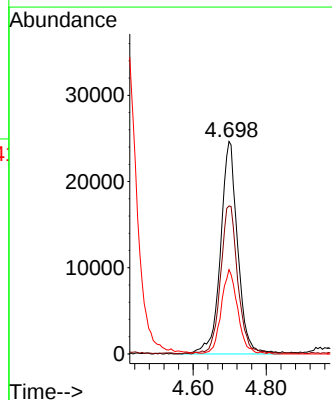
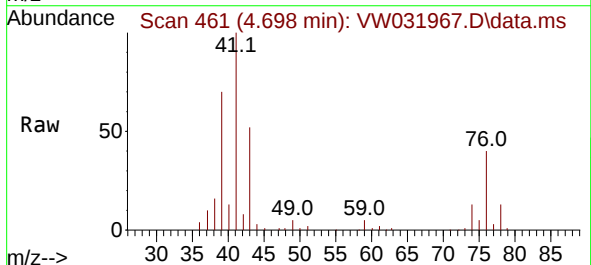
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

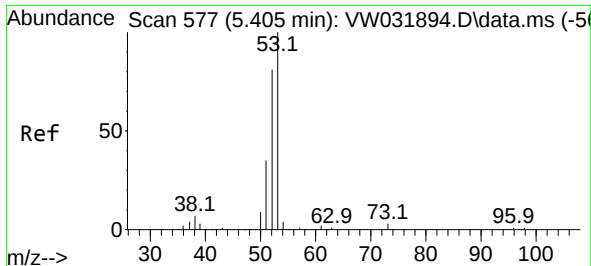
Tgt Ion: 56 Resp: 17696  
Ion Ratio Lower Upper  
56 100  
55 65.8 56.7 85.1



#14  
Allyl chloride  
Concen: 17.734 ug/l  
RT: 4.698 min Scan# 461  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 41 Resp: 80613  
Ion Ratio Lower Upper  
41 100  
39 70.6 56.6 85.0  
76 36.8 30.1 45.1

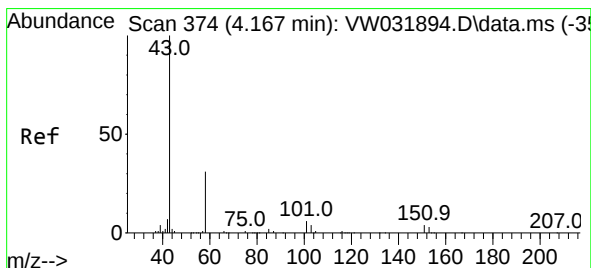
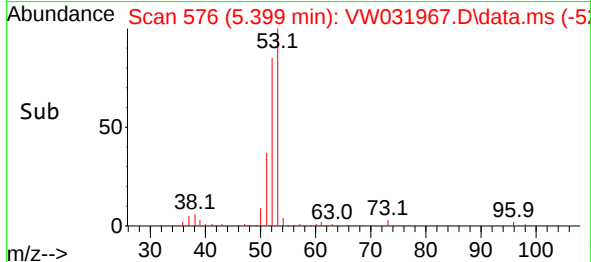
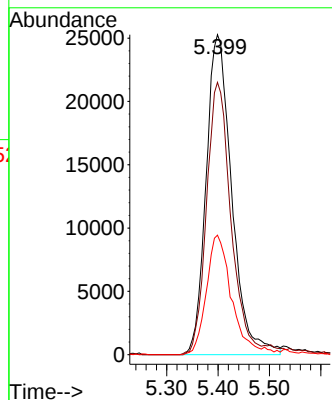
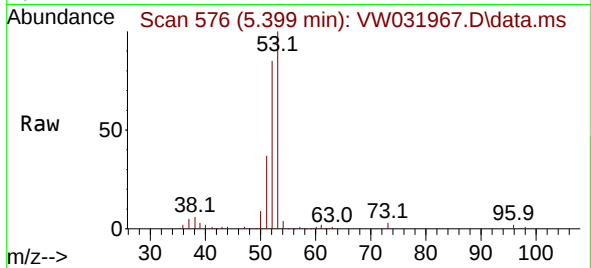




#15  
Acrylonitrile  
Concen: 106.713 ug/l  
RT: 5.399 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

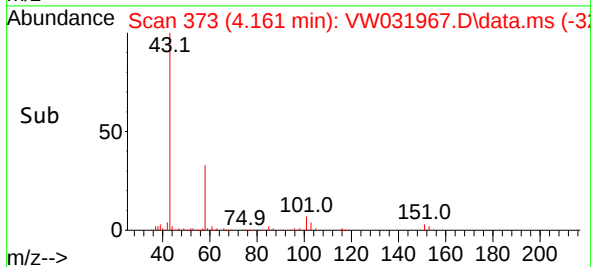
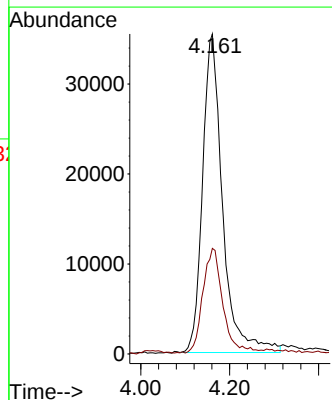
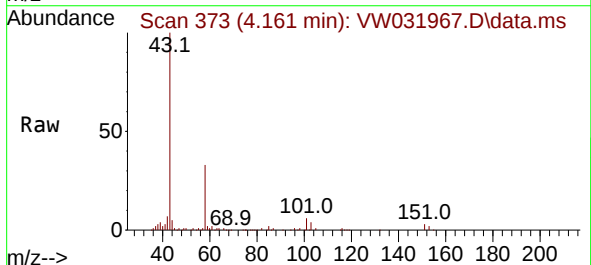
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

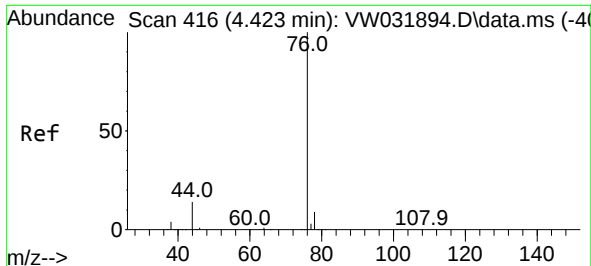
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 87592 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 80.5  | 67.0  | 100.4 |
| 51       | 36.9  | 29.9  | 44.9  |



#16  
Acetone  
Concen: 140.985 ug/l  
RT: 4.161 min Scan# 373  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 110827 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.8  | 25.5  | 38.3   |

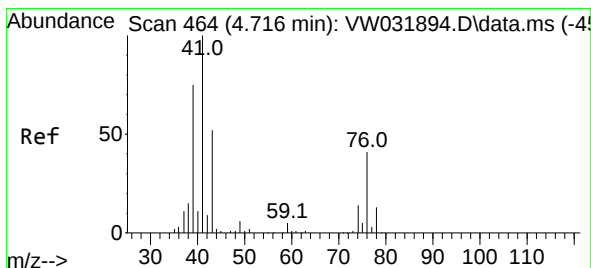
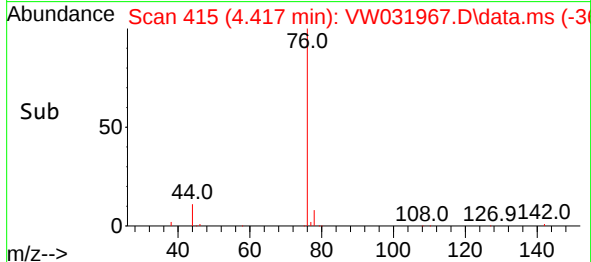
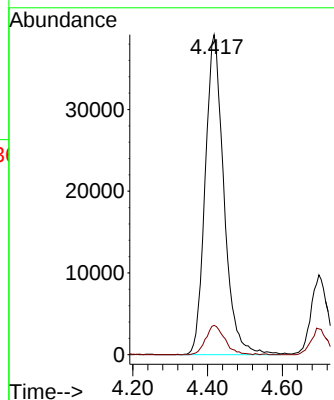
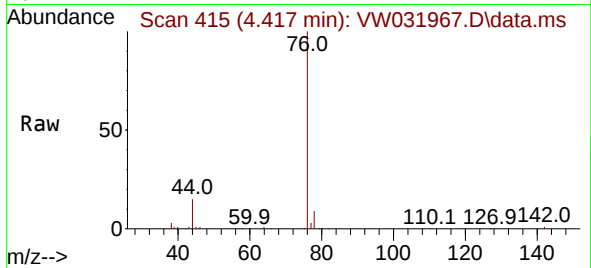




#17  
Carbon Disulfide  
Concen: 17.966 ug/l  
RT: 4.417 min Scan# 416  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

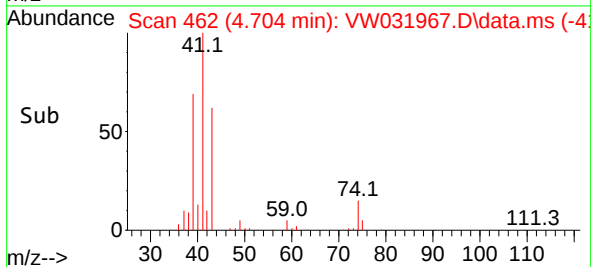
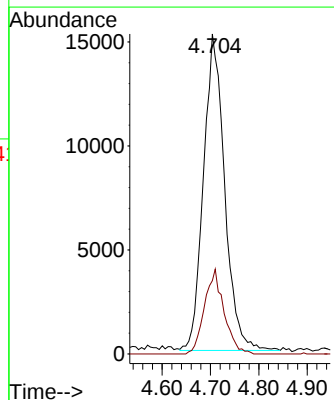
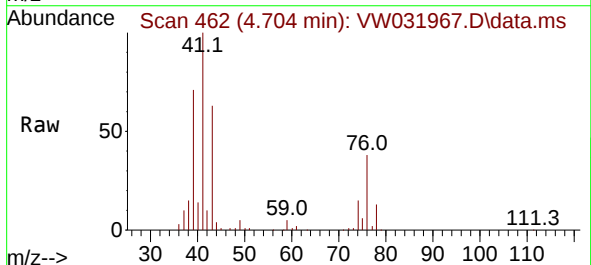
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MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

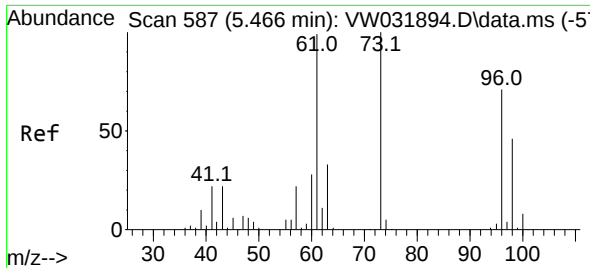
Tgt Ion: 76 Resp: 136053  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.5 11.3



#18  
Methyl Acetate  
Concen: 21.382 ug/l  
RT: 4.704 min Scan# 462  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 43 Resp: 46307  
Ion Ratio Lower Upper  
43 100  
74 24.6 20.6 31.0

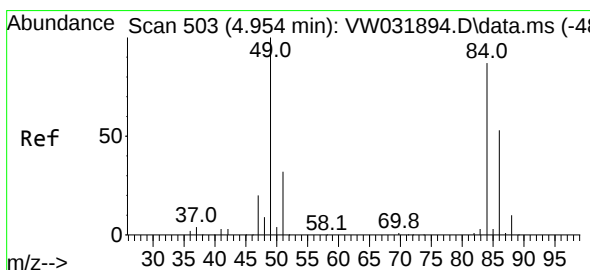
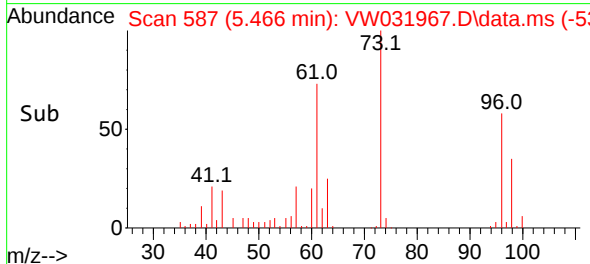
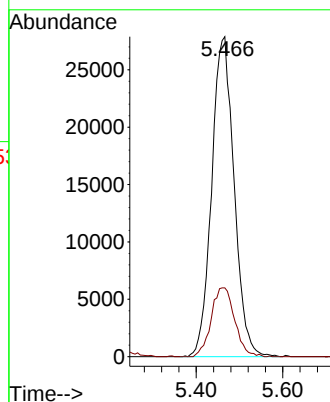
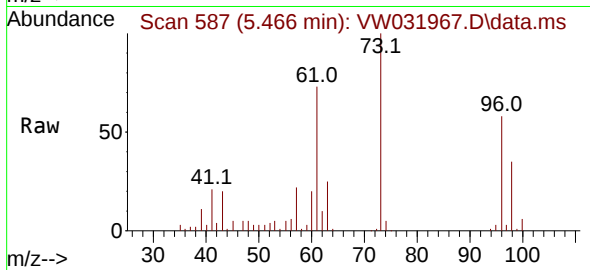




#19  
Methyl tert-butyl Ether  
Concen: 19.885 ug/l  
RT: 5.466 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

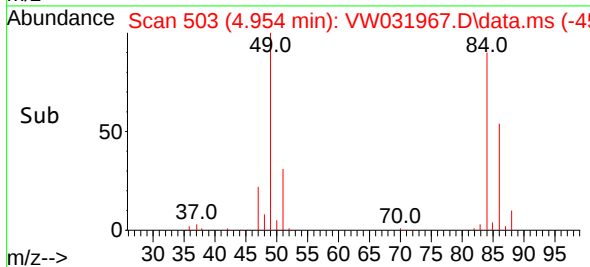
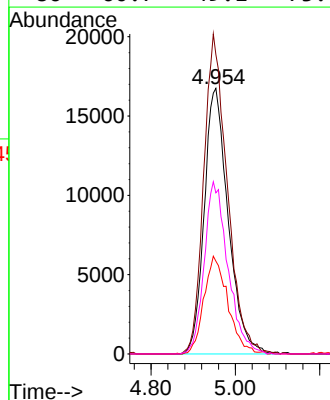
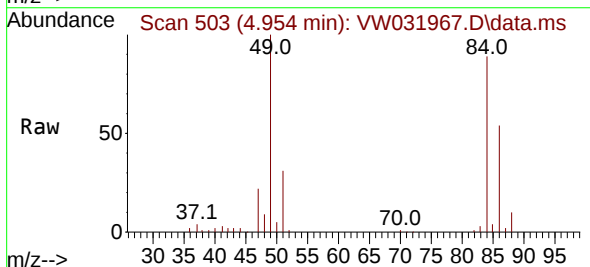
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

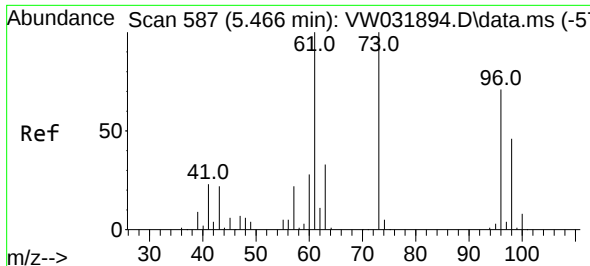
Tgt Ion: 73 Resp: 100323  
Ion Ratio Lower Upper  
73 100  
57 21.5 17.5 26.3



#20  
Methylene Chloride  
Concen: 16.618 ug/l  
RT: 4.954 min Scan# 503  
Delta R.T. -0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 84 Resp: 66319  
Ion Ratio Lower Upper  
84 100  
49 112.7 91.9 137.9  
51 34.9 29.0 43.6  
86 60.7 49.1 73.7

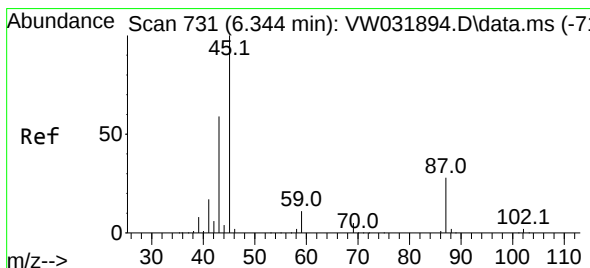
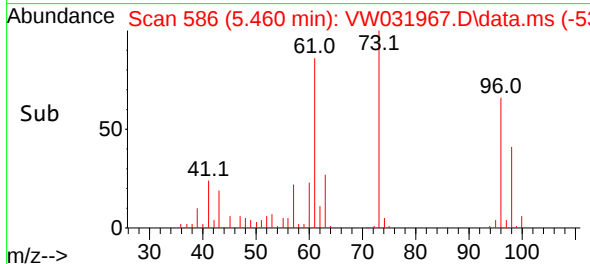
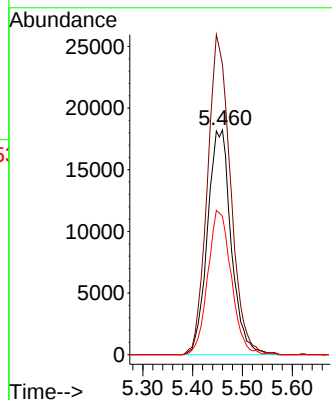
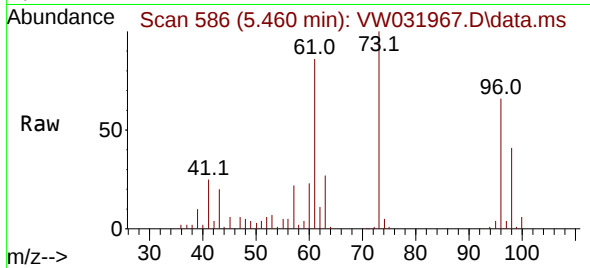




#21  
trans-1,2-Dichloroethene  
Concen: 19.419 ug/l  
RT: 5.460 min Scan# 587  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

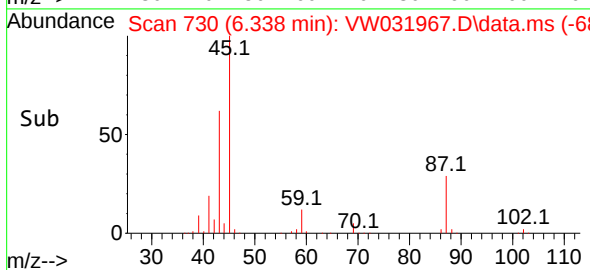
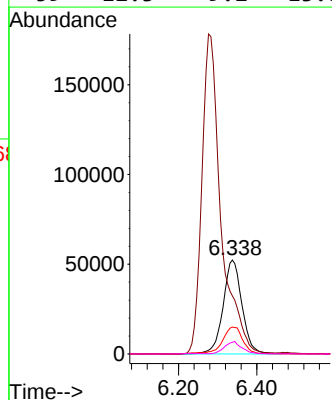
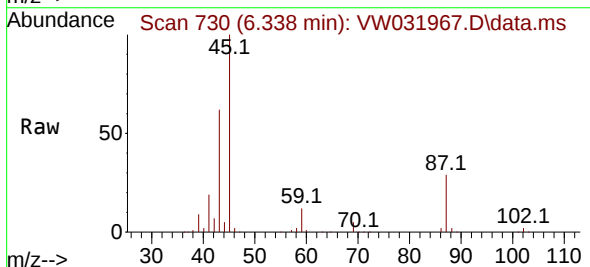
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

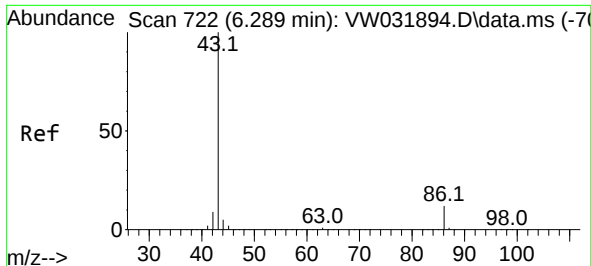
Tgt Ion: 96 Resp: 60164  
Ion Ratio Lower Upper  
96 100  
61 129.2 112.8 169.2  
98 61.5 51.9 77.9



#22  
Diisopropyl ether  
Concen: 19.256 ug/l  
RT: 6.338 min Scan# 730  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 45 Resp: 175150  
Ion Ratio Lower Upper  
45 100  
43 61.8 47.0 70.6  
87 28.6 22.8 34.2  
59 12.3 9.2 13.8

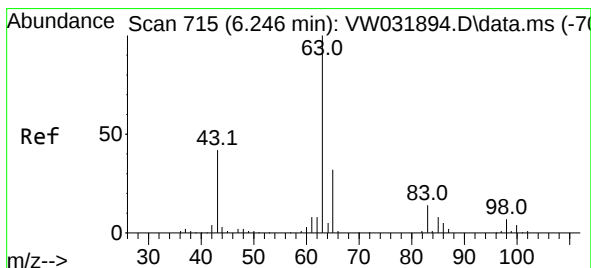
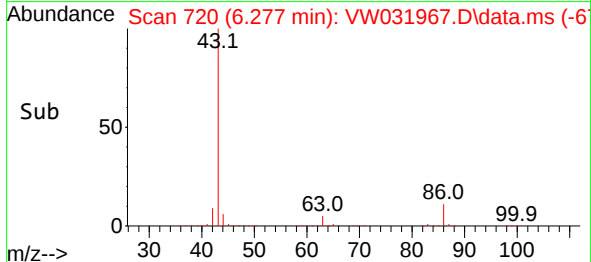
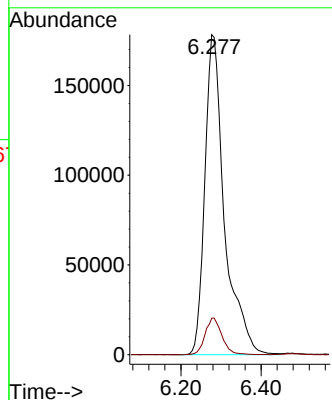
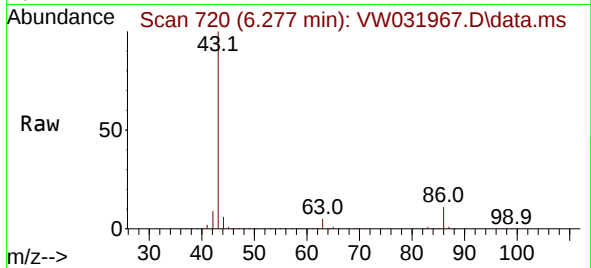




#23  
 Vinyl Acetate  
 Concen: 101.881 ug/l  
 RT: 6.277 min Scan# 713  
 Delta R.T. -0.012 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

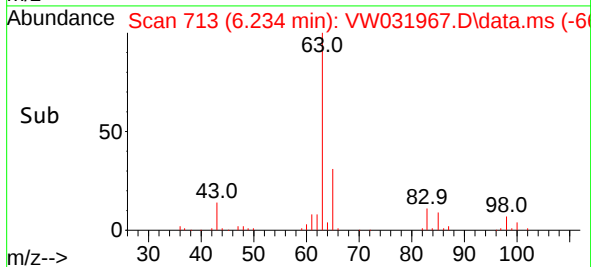
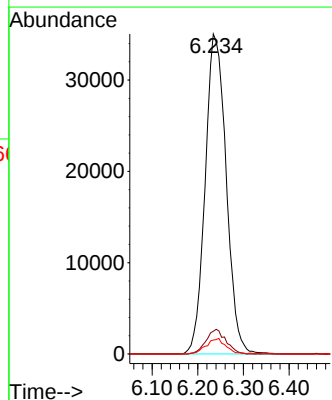
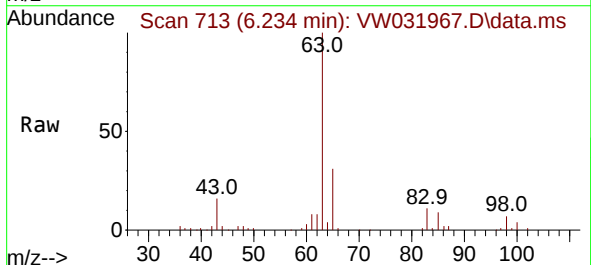
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

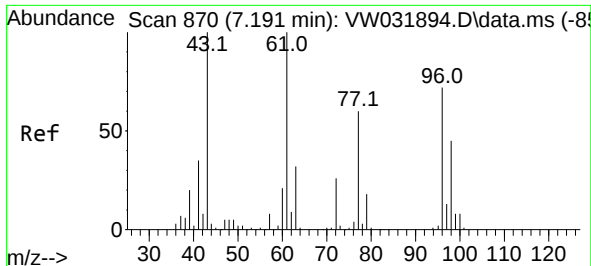
Tgt Ion: 43 Resp: 605412  
 Ion Ratio Lower Upper  
 43 100  
 86 11.4 9.4 14.2



#24  
 1,1-Dichloroethane  
 Concen: 19.771 ug/l  
 RT: 6.234 min Scan# 713  
 Delta R.T. -0.012 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion: 63 Resp: 111965  
 Ion Ratio Lower Upper  
 63 100  
 98 7.1 3.6 10.9  
 100 4.4 2.2 6.6

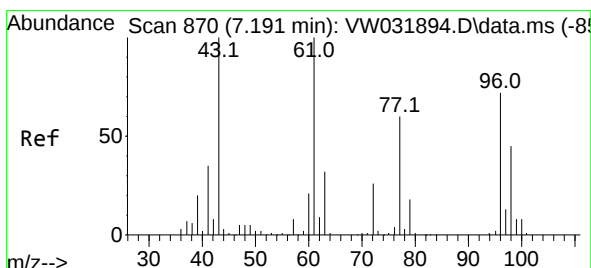
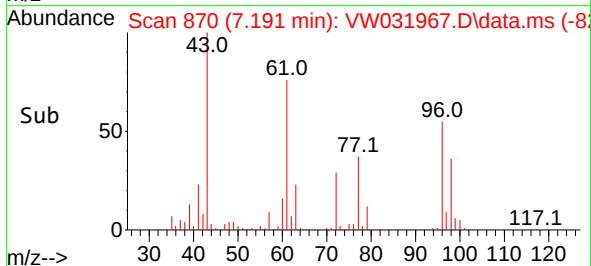
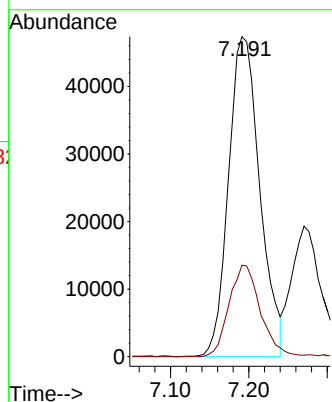
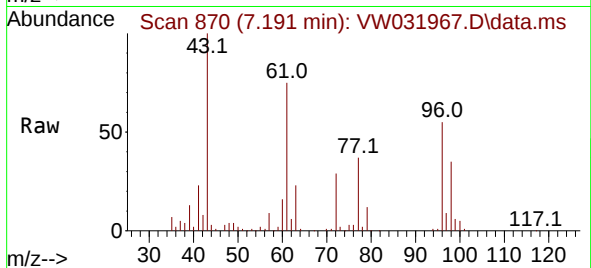




#25  
2-Butanone  
Concen: 122.434 ug/l  
RT: 7.191 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

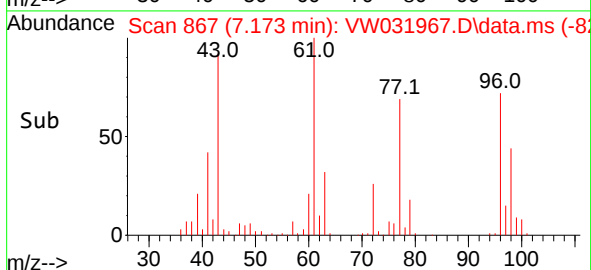
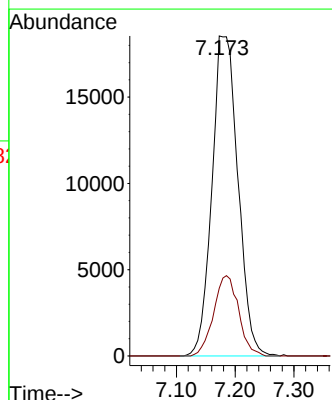
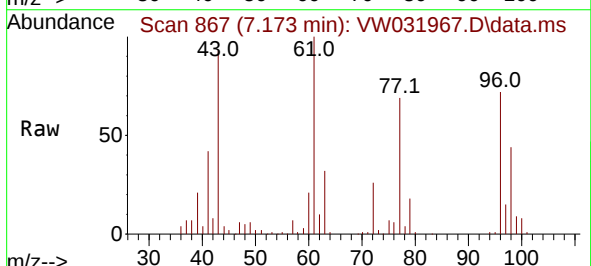
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

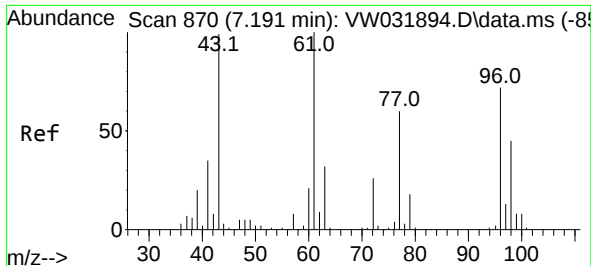
Tgt Ion: 43 Resp: 131684  
Ion Ratio Lower Upper  
43 100  
72 28.6 20.8 31.2



#26  
2,2-Dichloropropane  
Concen: 17.782 ug/l  
RT: 7.173 min Scan# 867  
Delta R.T. -0.018 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 77 Resp: 57012  
Ion Ratio Lower Upper  
77 100  
97 24.1 11.4 34.1

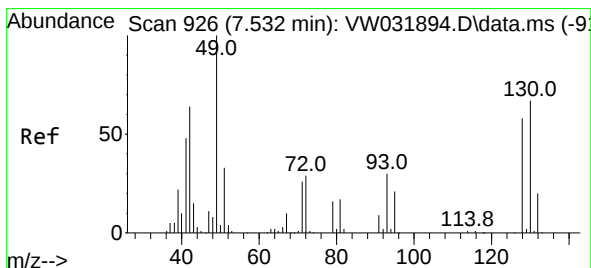
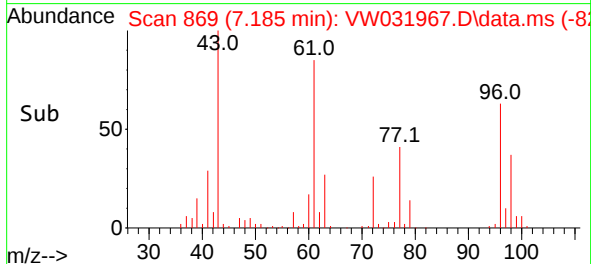
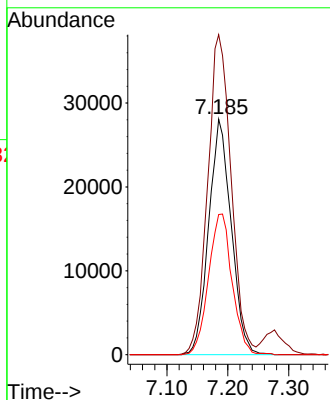
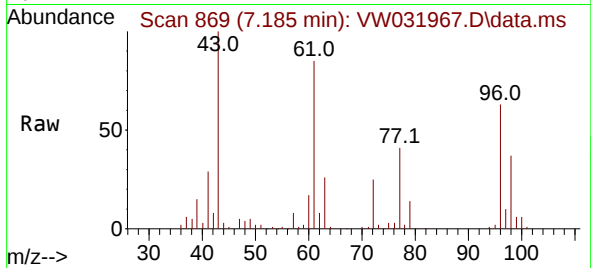




#27  
 cis-1,2-Dichloroethene  
 Concen: 19.792 ug/l  
 RT: 7.185 min Scan# 869  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

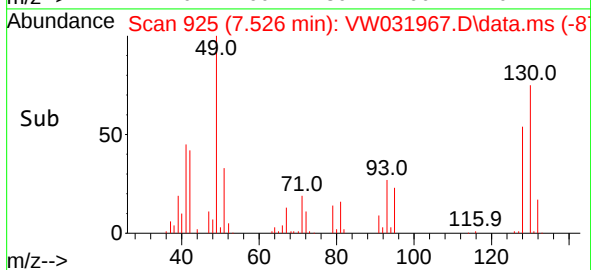
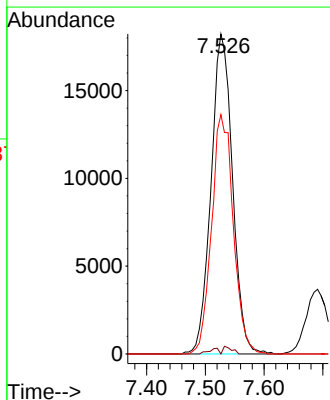
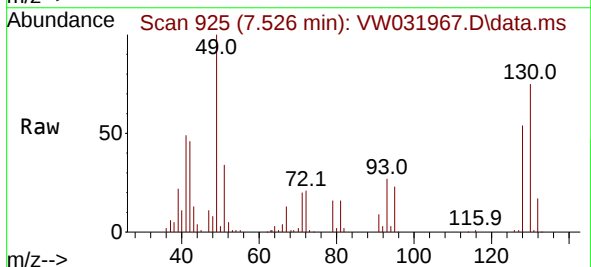
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

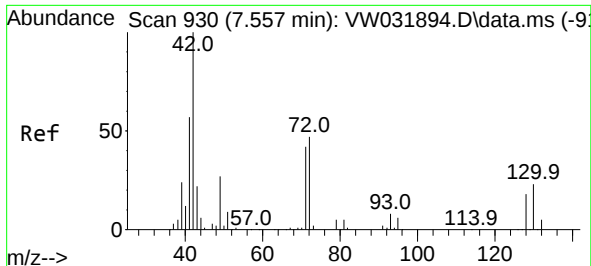
|             |             |       |       |
|-------------|-------------|-------|-------|
| Tgt Ion: 96 | Resp: 72087 |       |       |
| Ion Ratio   | Lower       | Upper |       |
| 96          | 100         |       |       |
| 61          | 141.6       | 0.0   | 280.2 |
| 98          | 62.6        | 0.0   | 126.8 |



#28  
 Bromochloromethane  
 Concen: 19.506 ug/l  
 RT: 7.526 min Scan# 925  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

|             |             |
|-------------|-------------|
| Tgt Ion: 49 | Resp: 46251 |
| Ion Ratio   | Lower Upper |
| 49 100      |             |
| 129 1.0     | 0.0 4.4     |
| 130 75.6    | 59.0 88.4   |





#29

Tetrahydrofuran

Concen: 109.310 ug/l

RT: 7.551 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

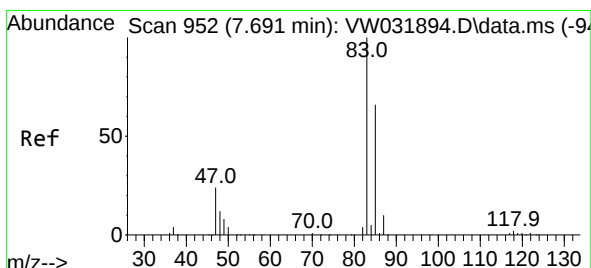
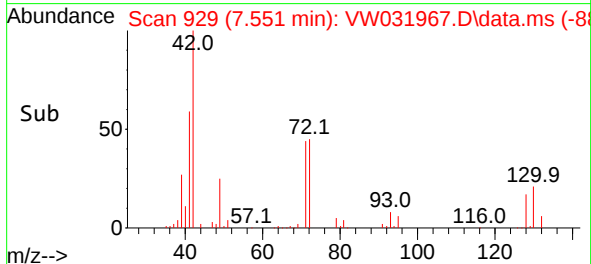
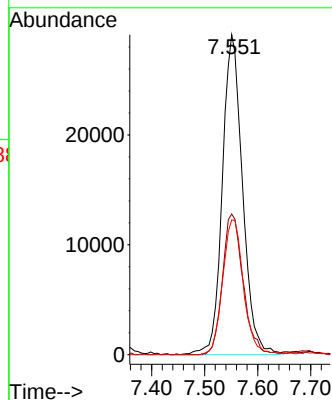
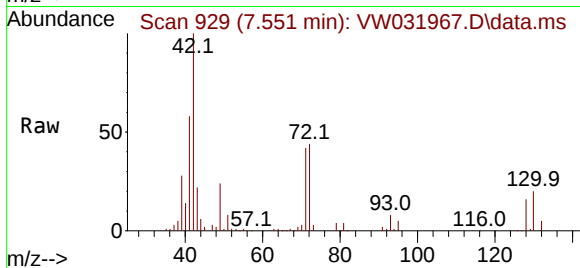
Tgt Ion: 42 Resp: 77081

Ion Ratio Lower Upper

42 100

72 45.0 37.0 55.6

71 43.4 34.5 51.7



#30

Chloroform

Concen: 20.560 ug/l

RT: 7.691 min Scan# 952

Delta R.T. 0.000 min

Lab File: VW031967.D

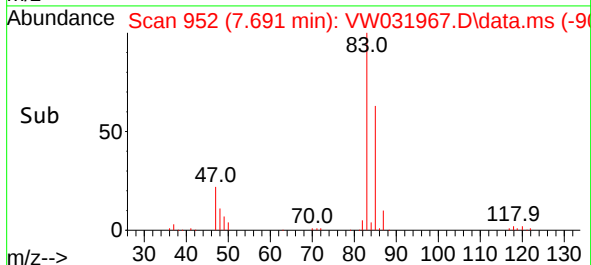
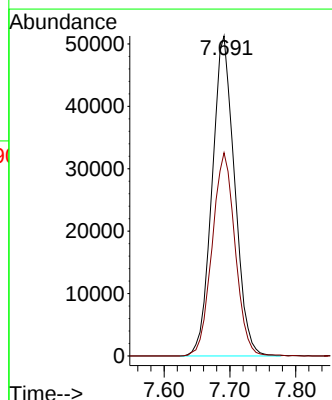
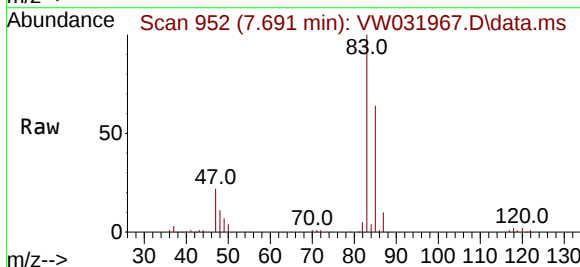
Acq: 31 Jul 2025 13:33

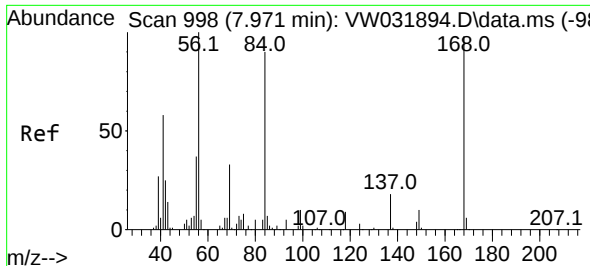
Tgt Ion: 83 Resp: 122081

Ion Ratio Lower Upper

83 100

85 63.5 52.6 78.8

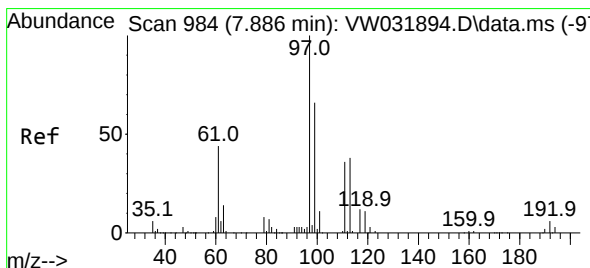
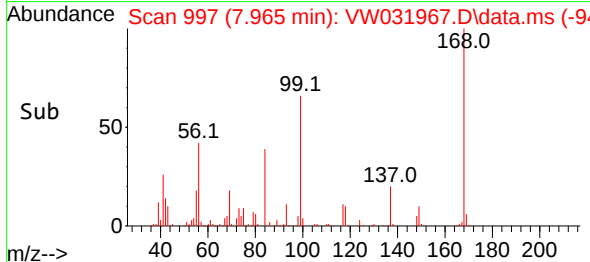
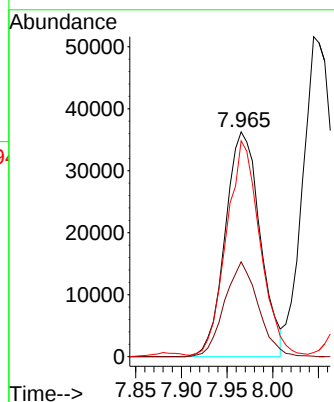
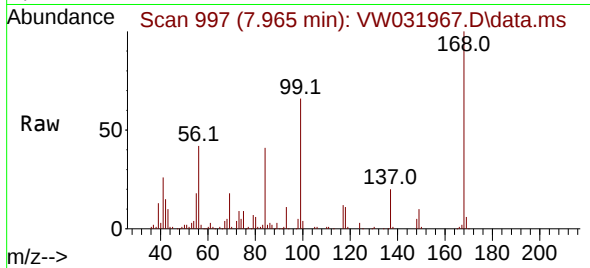




#31  
Cyclohexane  
Concen: 18.955 ug/l  
RT: 7.965 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

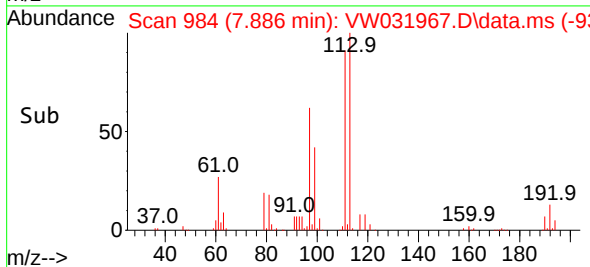
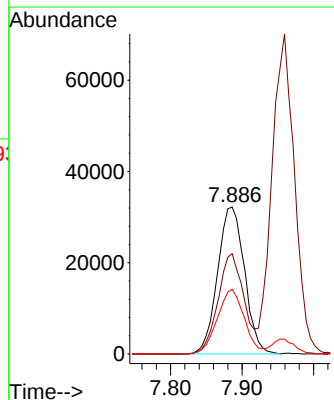
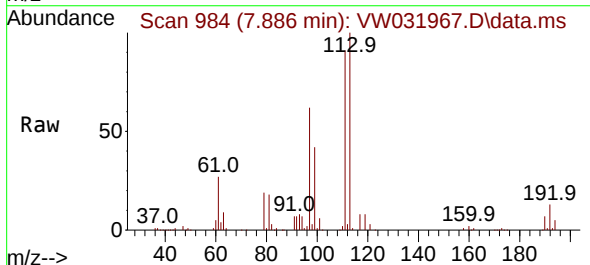
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

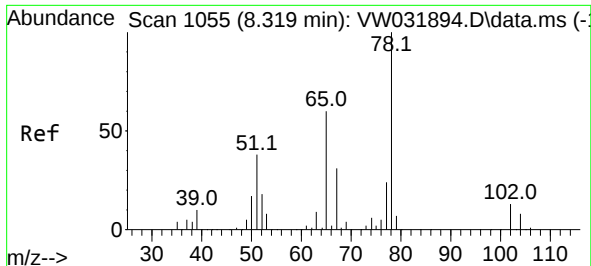
Tgt Ion: 56 Resp: 96303  
Ion Ratio Lower Upper  
56 100  
69 42.2 26.7 40.1#  
84 94.7 71.8 107.6



#32  
1,1,1-Trichloroethane  
Concen: 18.656 ug/l  
RT: 7.886 min Scan# 984  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 97 Resp: 84295  
Ion Ratio Lower Upper  
97 100  
99 64.8 53.0 79.4  
61 43.9 35.4 53.0

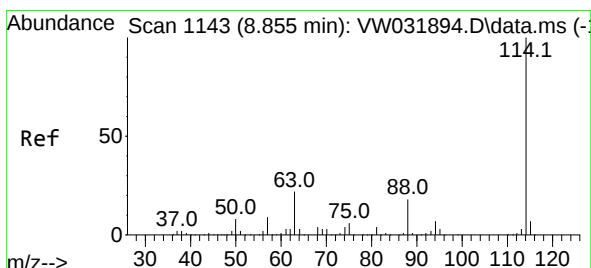
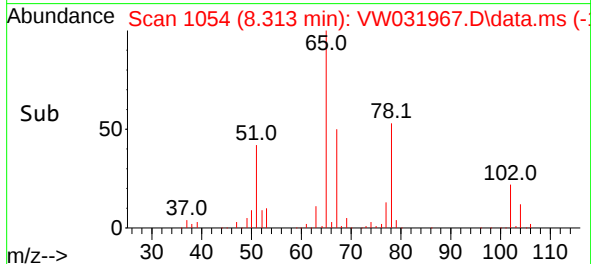
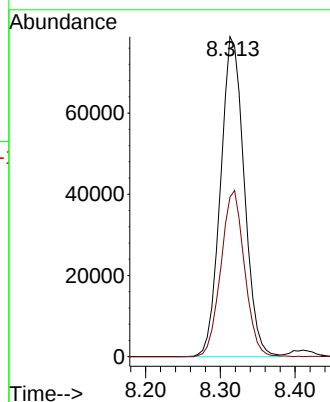
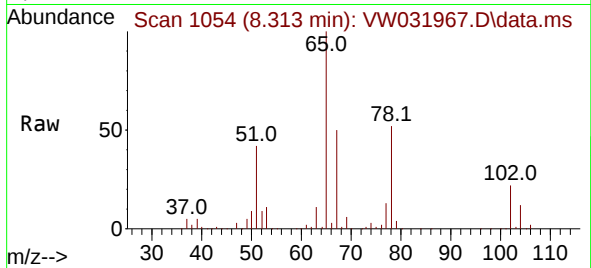




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.450 ug/l  
 RT: 8.313 min Scan# 1055  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

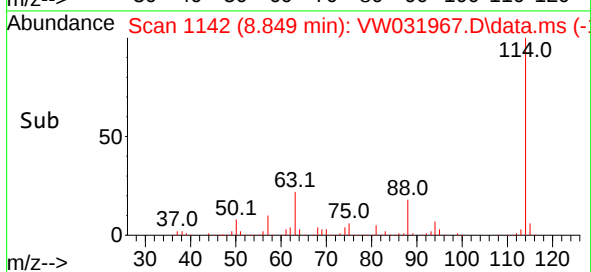
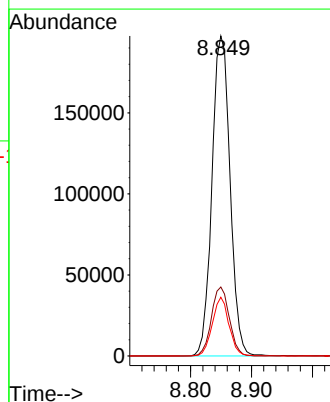
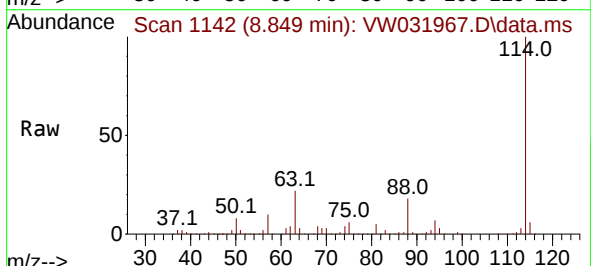
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

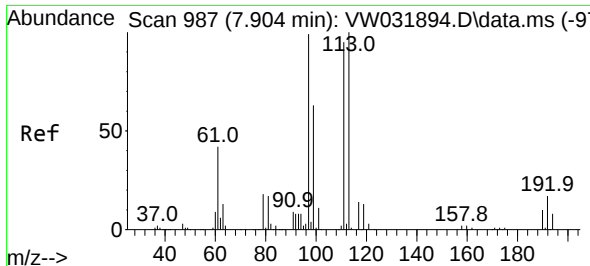
Tgt Ion: 65 Resp: 173752  
 Ion Ratio Lower Upper  
 65 100  
 67 51.8 0.0 101.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.849 min Scan# 1142  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion: 114 Resp: 407285  
 Ion Ratio Lower Upper  
 114 100  
 63 21.6 0.0 44.2  
 88 18.3 0.0 35.6

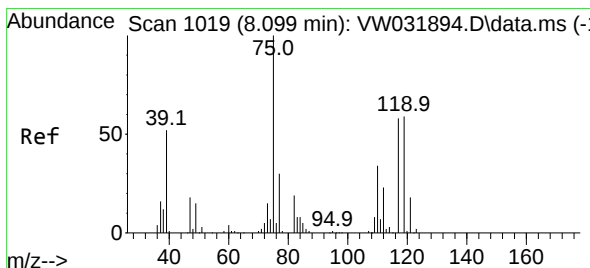
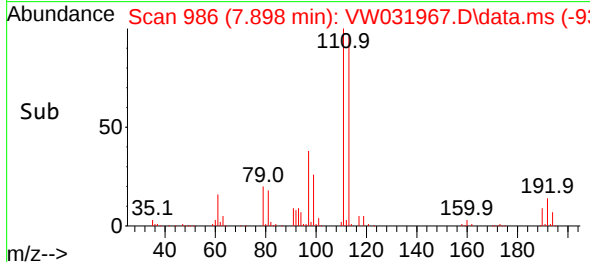
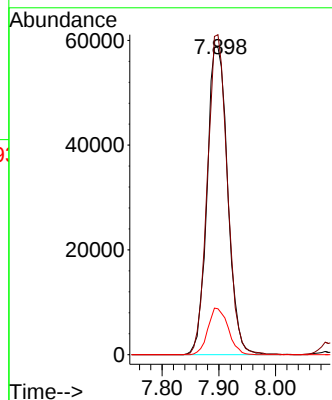
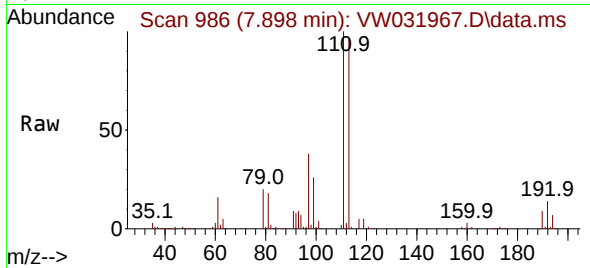




#35  
 Dibromofluoromethane  
 Concen: 53.628 ug/l  
 RT: 7.898 min Scan# 91  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

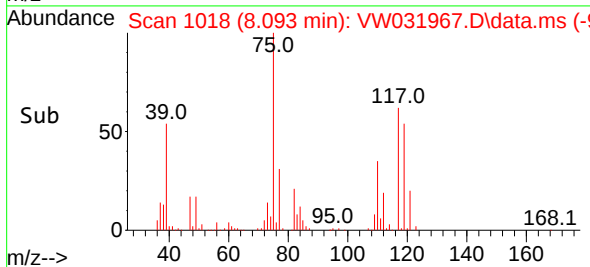
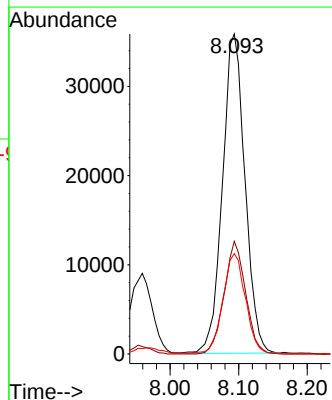
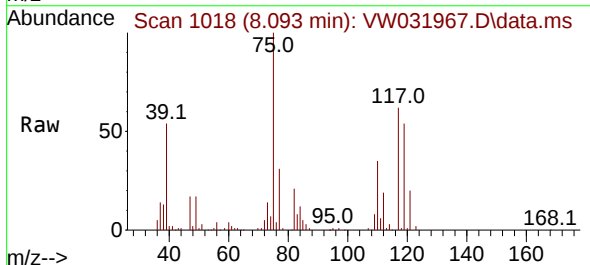
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

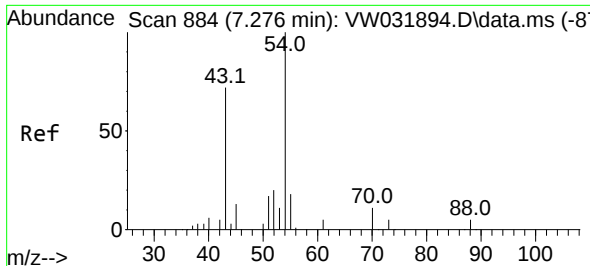
Tgt Ion:113 Resp: 148418  
 Ion Ratio Lower Upper  
 113 100  
 111 100.7 79.9 119.9  
 192 14.8 12.6 19.0



#36  
 1,1-Dichloropropene  
 Concen: 19.212 ug/l  
 RT: 8.093 min Scan# 1018  
 Delta R.T. -0.006 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion: 75 Resp: 81653  
 Ion Ratio Lower Upper  
 75 100  
 110 33.7 17.0 50.9  
 77 31.6 25.1 37.7





#37

Ethyl Acetate

Concen: 21.499 ug/l

RT: 7.270 min Scan# 884

Delta R.T. -0.006 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

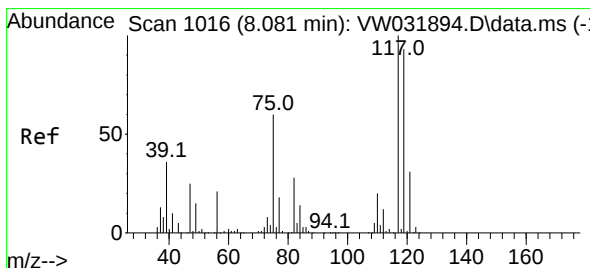
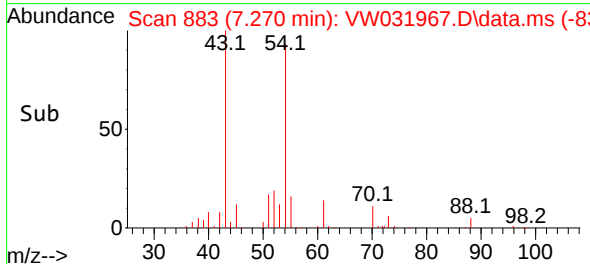
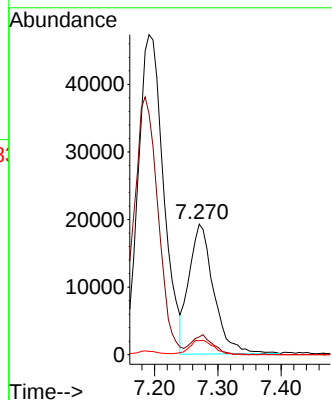
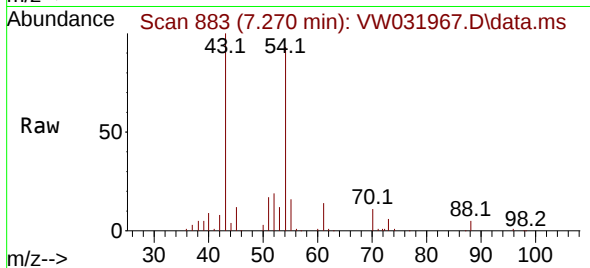
Tgt Ion: 43 Resp: 52125

Ion Ratio Lower Upper

43 100

61 13.3 10.6 15.8

70 10.9 9.0 13.4



#38

Carbon Tetrachloride

Concen: 19.276 ug/l

RT: 8.081 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

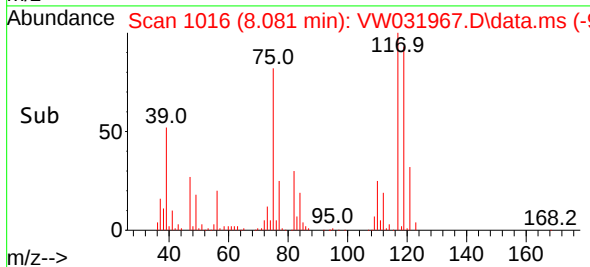
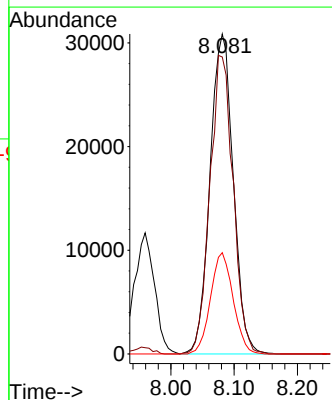
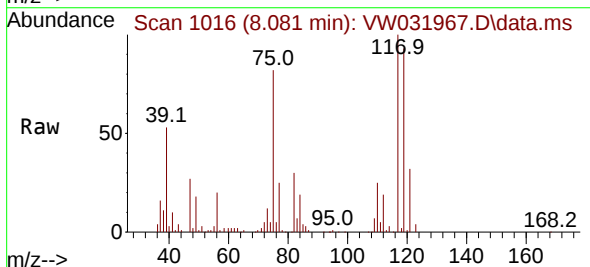
Tgt Ion: 117 Resp: 78628

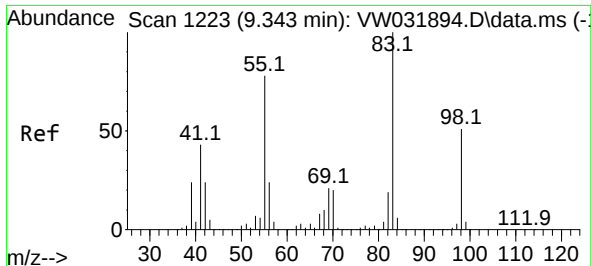
Ion Ratio Lower Upper

117 100

119 92.8 74.3 111.5

121 31.6 24.6 37.0

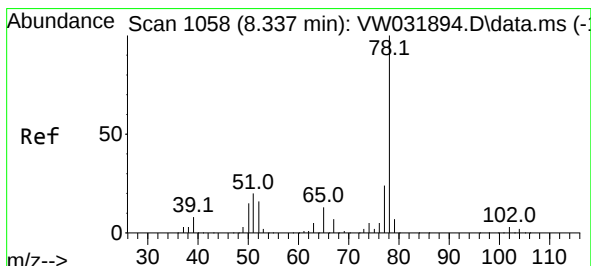
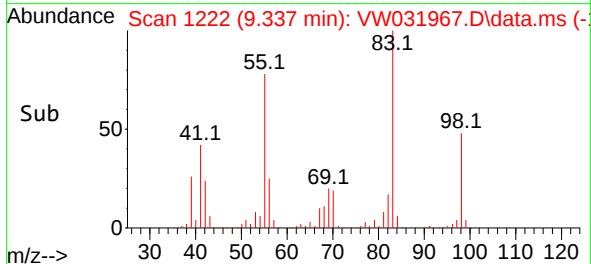
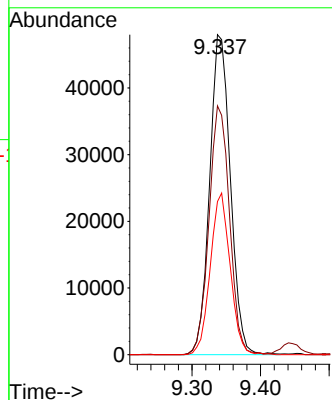
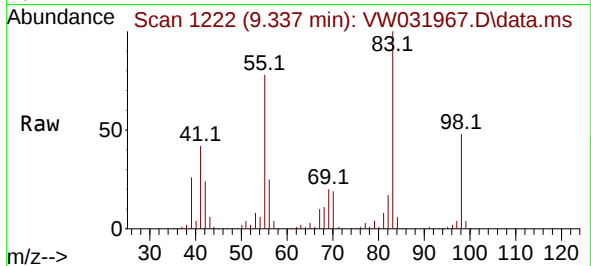




#39  
Methylcyclohexane  
Concen: 18.864 ug/l  
RT: 9.337 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

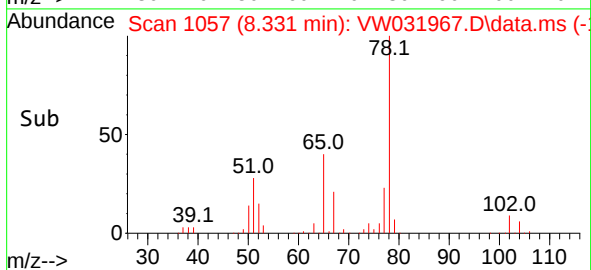
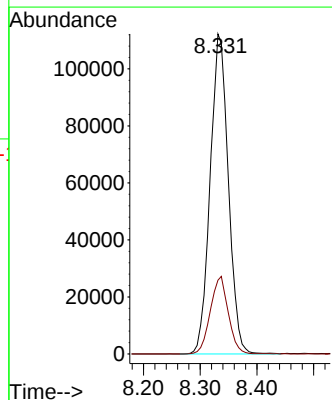
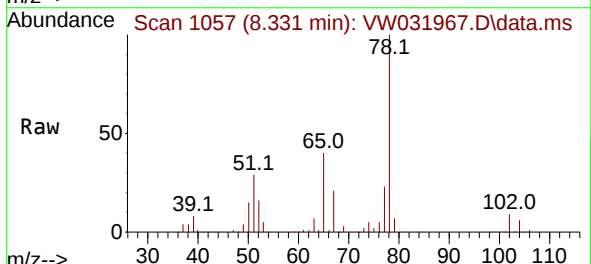
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

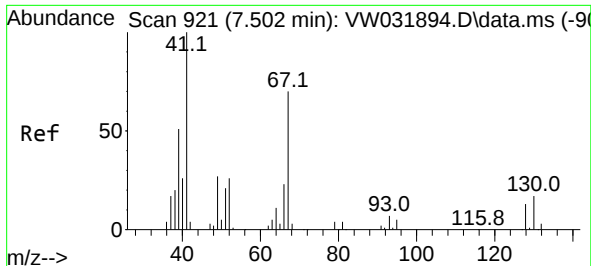
Tgt Ion: 83 Resp: 100900  
Ion Ratio Lower Upper  
83 100  
55 77.8 62.5 93.7  
98 47.8 40.6 61.0



#40  
Benzene  
Concen: 19.849 ug/l  
RT: 8.331 min Scan# 1057  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 78 Resp: 249732  
Ion Ratio Lower Upper  
78 100  
77 23.1 19.3 28.9

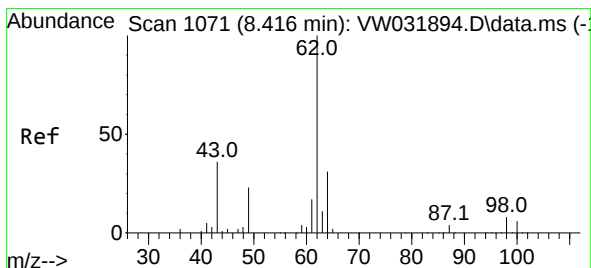
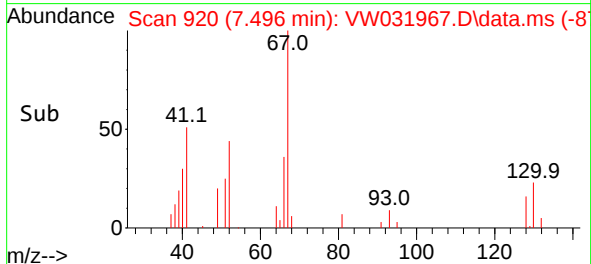
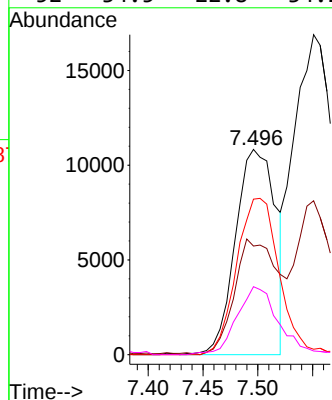
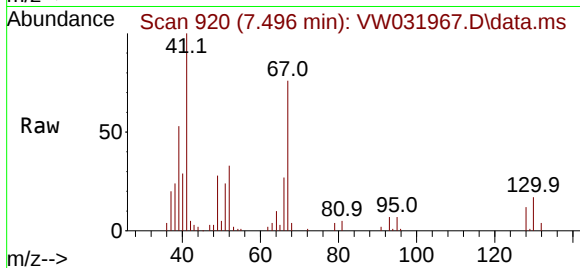




#41  
Methacrylonitrile  
Concen: 19.087 ug/l  
RT: 7.496 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

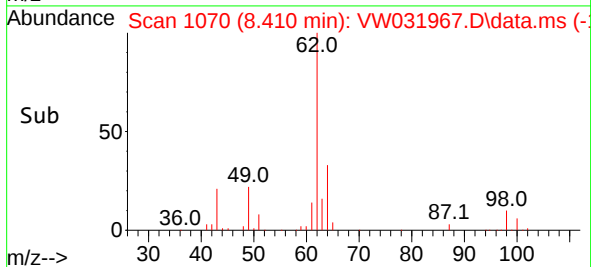
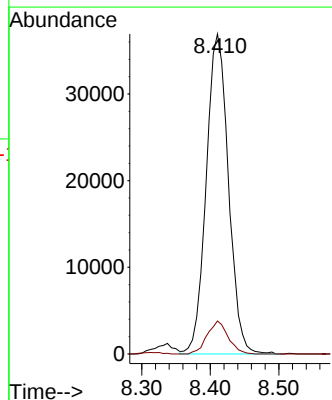
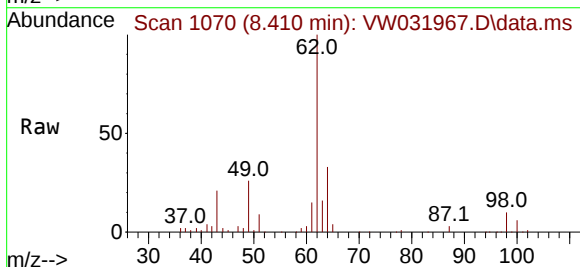
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

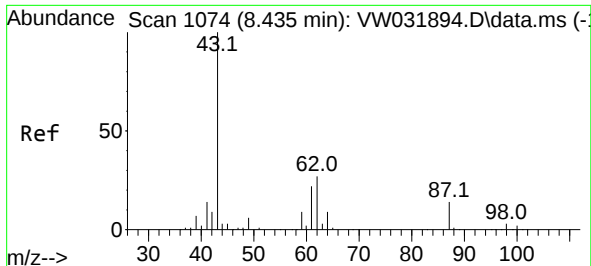
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 27703 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.9  | 41.1  | 61.7# |
| 67       | 80.4  | 56.2  | 84.4  |
| 52       | 34.5  | 22.8  | 34.2# |



#42  
1,2-Dichloroethane  
Concen: 20.700 ug/l  
RT: 8.410 min Scan# 1070  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 83350 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.7   | 0.0   | 18.2  |

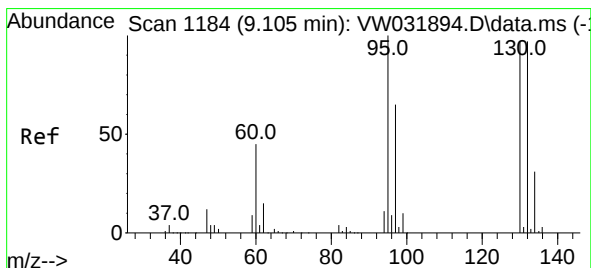
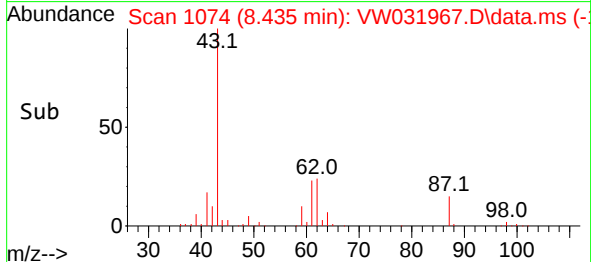
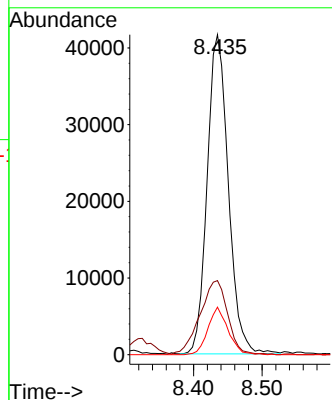
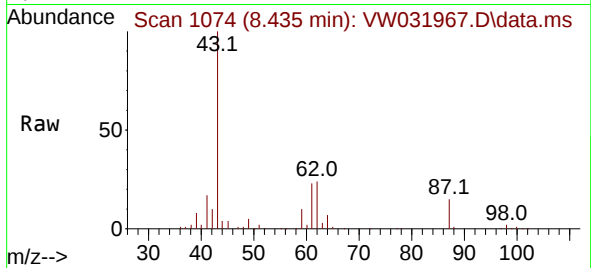




#43  
Isopropyl Acetate  
Concen: 20.424 ug/l  
RT: 8.435 min Scan# 1107  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

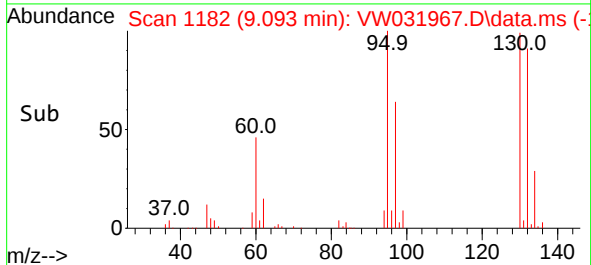
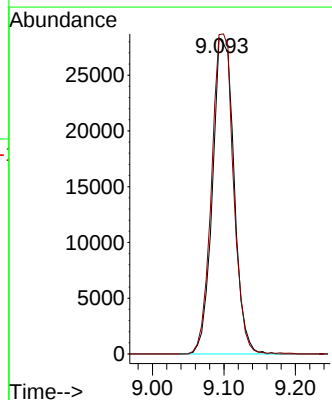
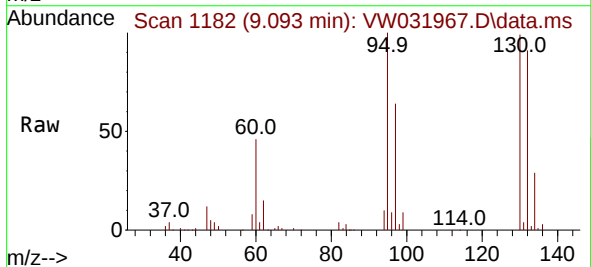
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

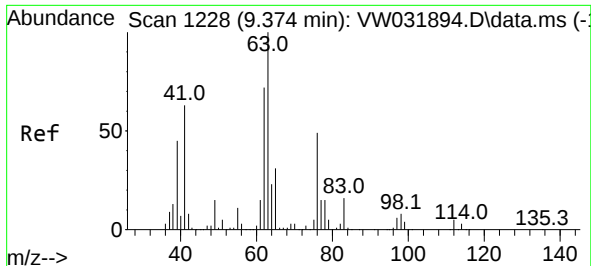
Tgt Ion: 43 Resp: 89645  
Ion Ratio Lower Upper  
43 100  
61 30.3 24.0 36.0  
87 14.1 11.1 16.7



#44  
Trichloroethene  
Concen: 19.771 ug/l  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.012 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion:130 Resp: 59127  
Ion Ratio Lower Upper  
130 100  
95 101.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.999 ug/l

RT: 9.374 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

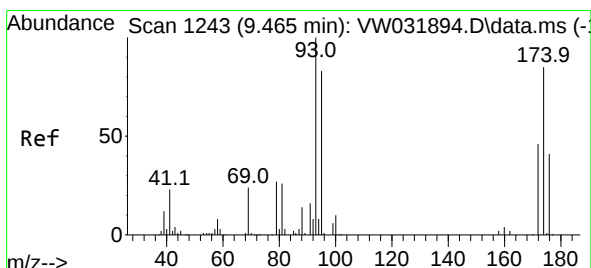
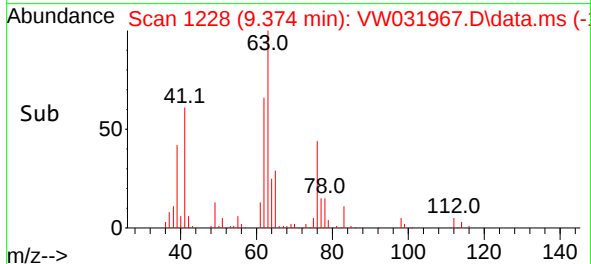
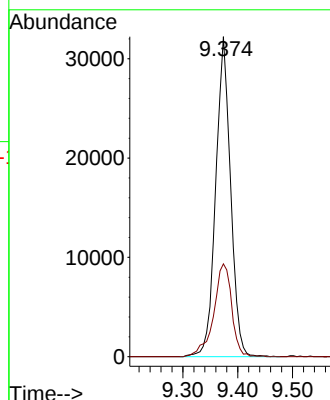
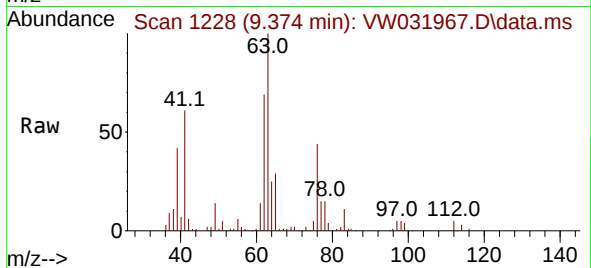
VW0731SBSD01

Tgt Ion: 63 Resp: 60598

Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.4



#46

Dibromomethane

Concen: 20.893 ug/l

RT: 9.459 min Scan# 1242

Delta R.T. -0.006 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

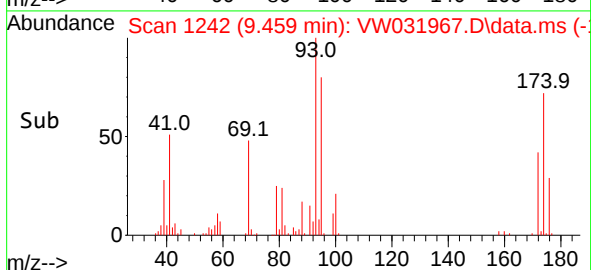
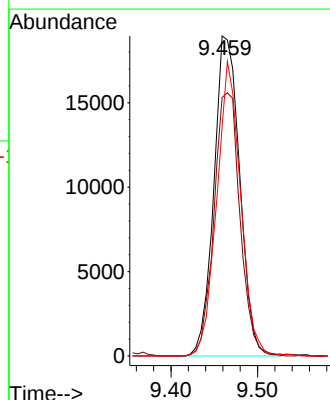
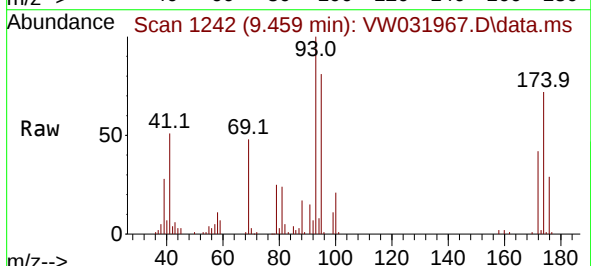
Tgt Ion: 93 Resp: 39243

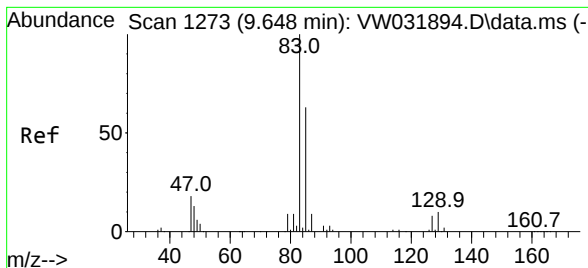
Ion Ratio Lower Upper

93 100

95 82.8 65.8 98.6

174 85.4 70.2 105.2





#47

Bromodichloromethane

Concen: 20.126 ug/l

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

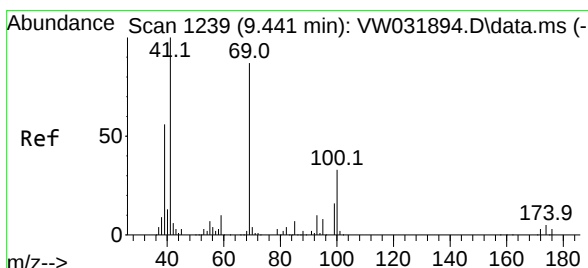
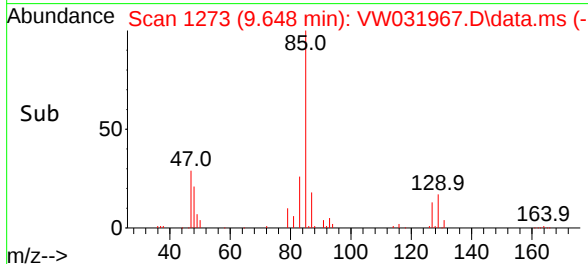
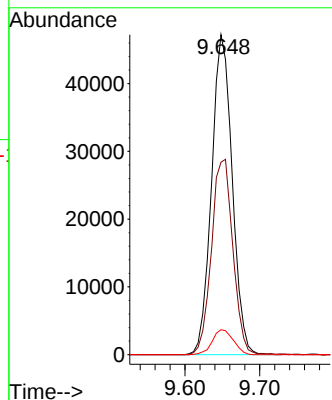
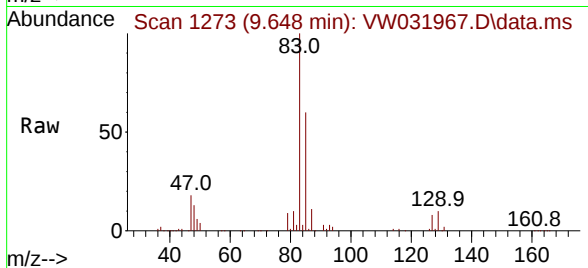
Tgt Ion: 83 Resp: 90649

Ion Ratio Lower Upper

83 100

85 60.1 50.6 76.0

127 7.8 6.5 9.7



#48

Methyl methacrylate

Concen: 20.353 ug/l

RT: 9.441 min Scan# 1239

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

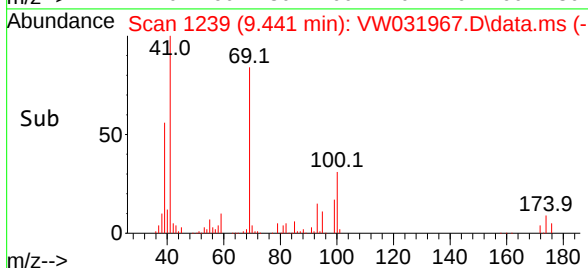
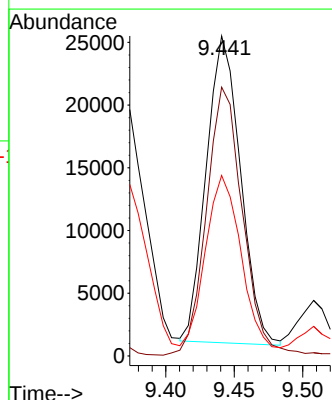
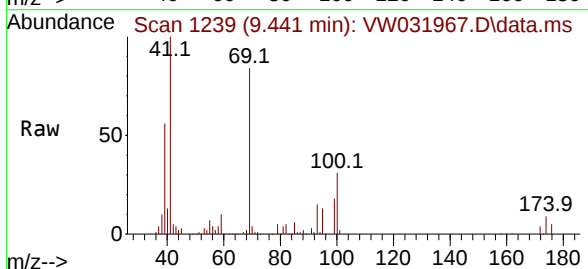
Tgt Ion: 41 Resp: 42502

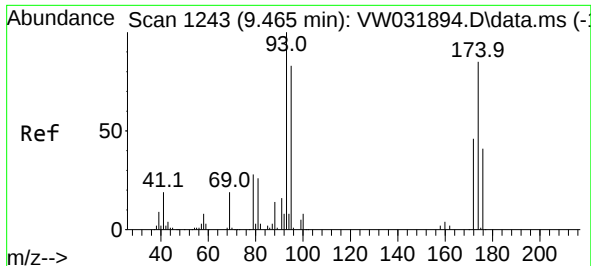
Ion Ratio Lower Upper

41 100

69 93.6 73.6 110.4

39 63.1 45.5 68.3

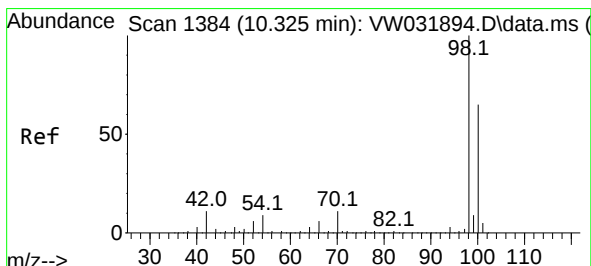
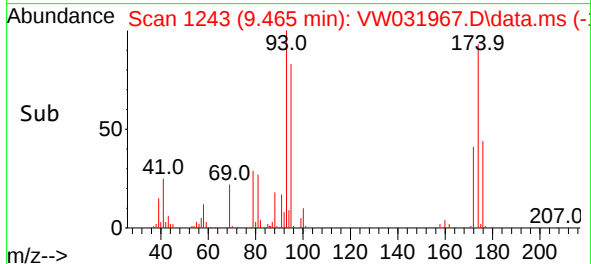
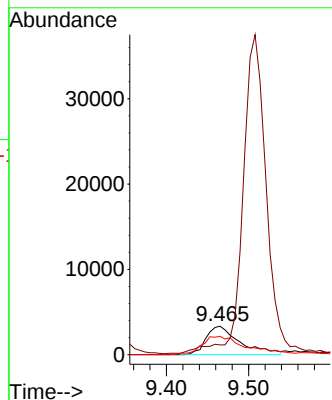
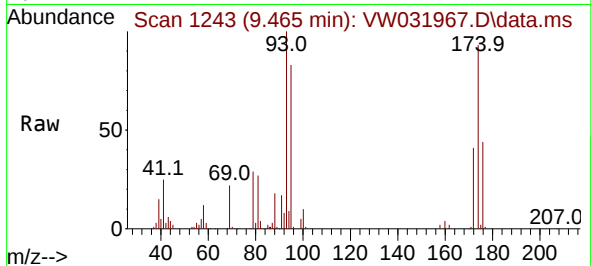




#49  
1,4-Dioxane  
Concen: 509.654 ug/l  
RT: 9.465 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

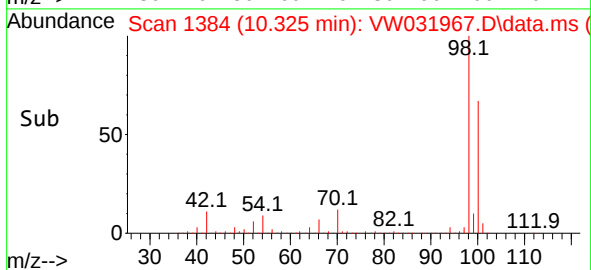
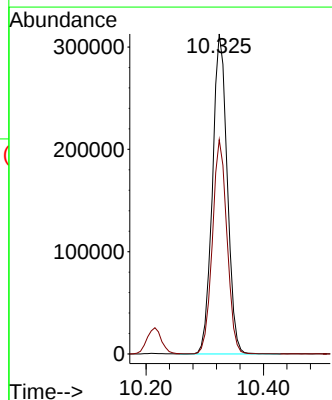
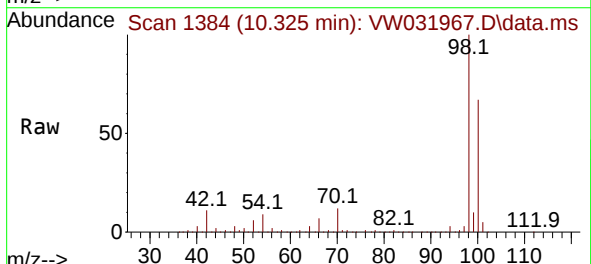
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

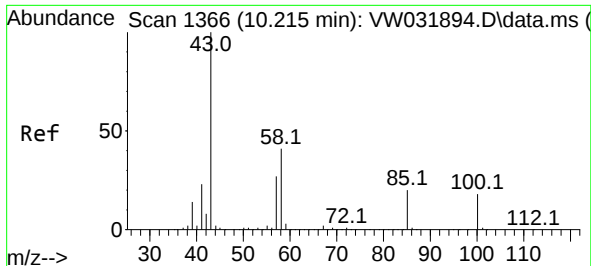
Tgt Ion: 88 Resp: 9552  
Ion Ratio Lower Upper  
88 100  
43 0.0 19.0 28.4#  
58 84.4 58.2 87.2



#50  
Toluene-d8  
Concen: 52.121 ug/l  
RT: 10.325 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 98 Resp: 545930  
Ion Ratio Lower Upper  
98 100  
100 66.0 51.7 77.5

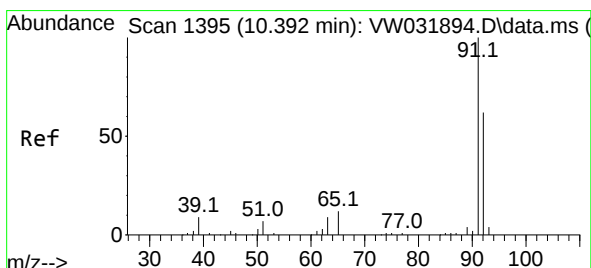
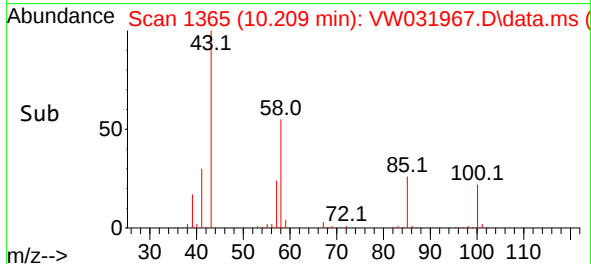
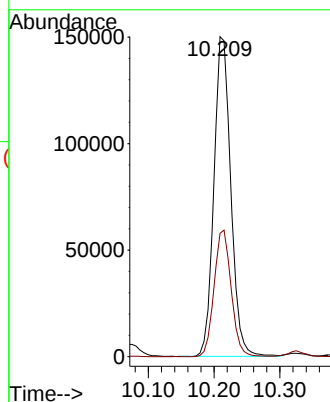
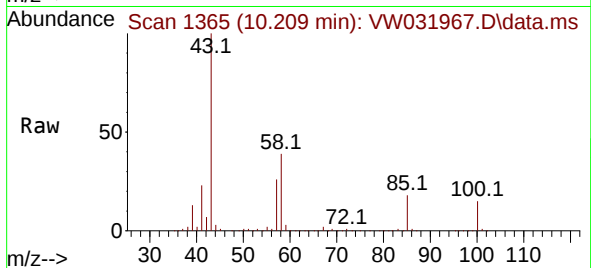




#51  
4-Methyl-2-Pentanone  
Concen: 112.012 ug/l  
RT: 10.209 min Scan# 1365  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

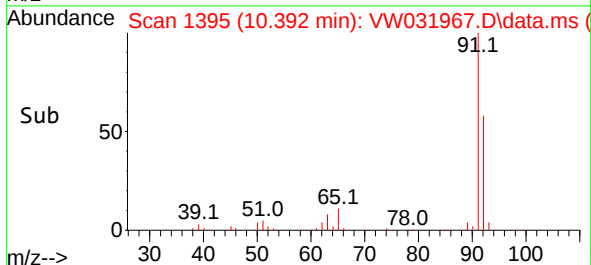
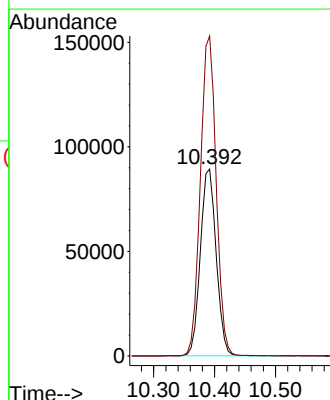
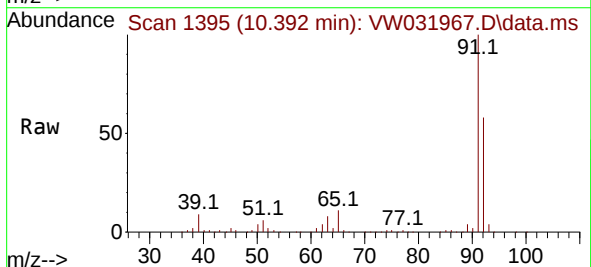
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

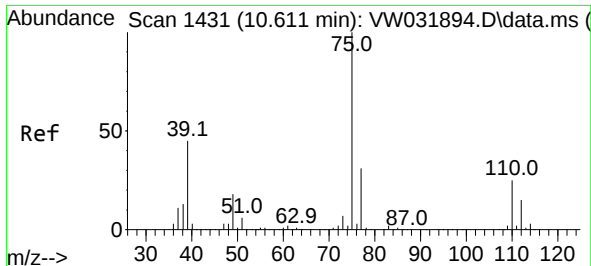
Tgt Ion: 43 Resp: 269066  
Ion Ratio Lower Upper  
43 100  
58 40.1 32.8 49.2



#52  
Toluene  
Concen: 19.911 ug/l  
RT: 10.392 min Scan# 1395  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 92 Resp: 161037  
Ion Ratio Lower Upper  
92 100  
91 171.0 133.7 200.5

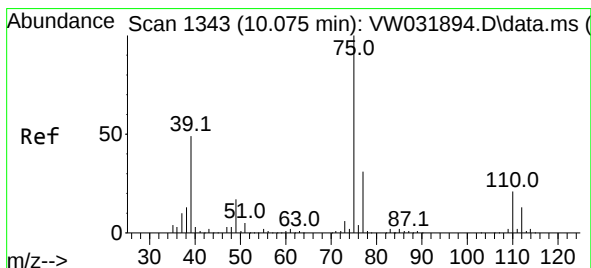
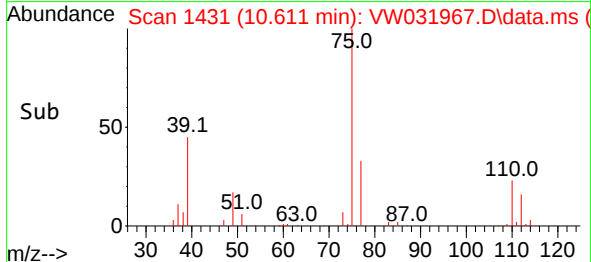
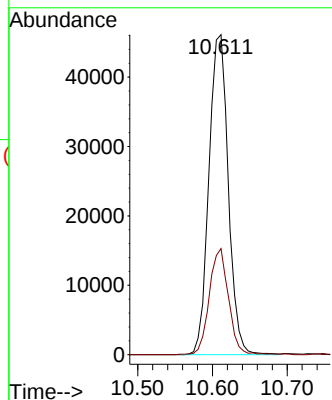
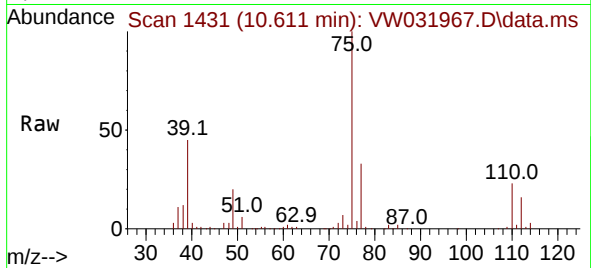




#53  
t-1,3-Dichloropropene  
Concen: 19.228 ug/l  
RT: 10.611 min Scan# 1431  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

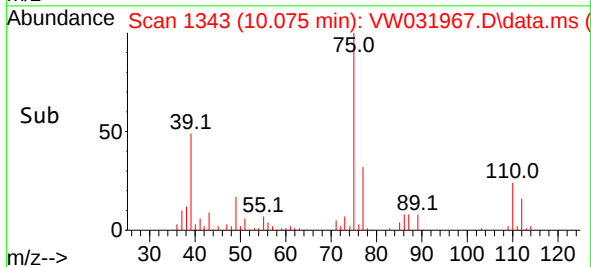
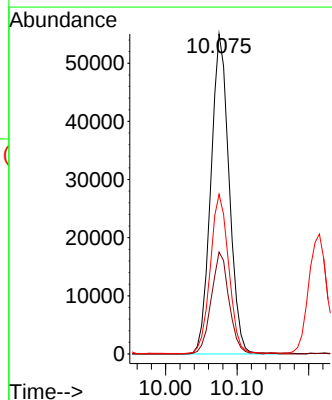
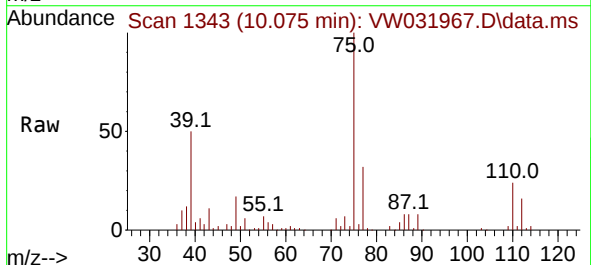
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

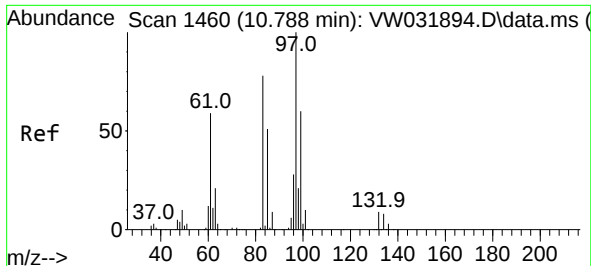
Tgt Ion: 75 Resp: 83073  
Ion Ratio Lower Upper  
75 100  
77 33.0 25.2 37.8



#54  
cis-1,3-Dichloropropene  
Concen: 19.775 ug/l  
RT: 10.075 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 75 Resp: 97567  
Ion Ratio Lower Upper  
75 100  
77 31.8 24.5 36.7  
39 49.8 39.3 58.9

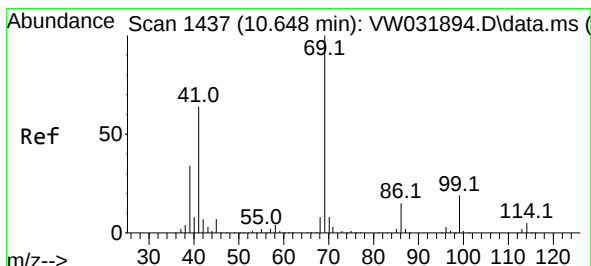
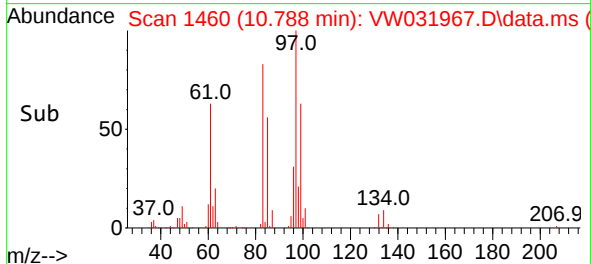
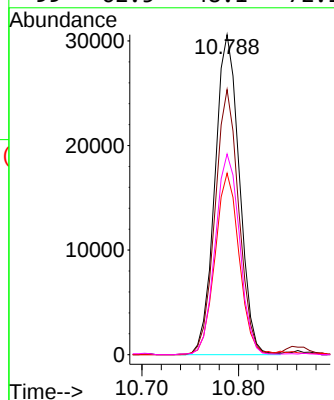
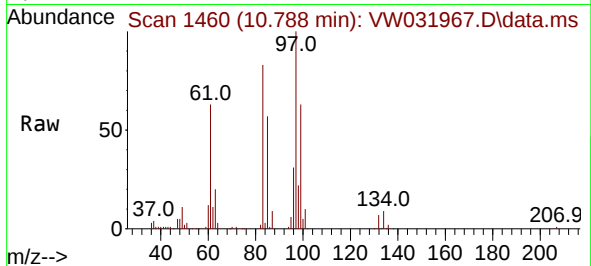




#55  
1,1,2-Trichloroethane  
Concen: 21.537 ug/l  
RT: 10.788 min Scan# 1460  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

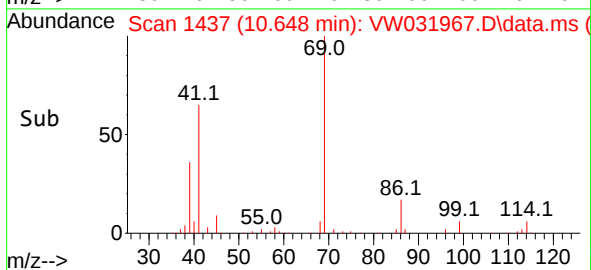
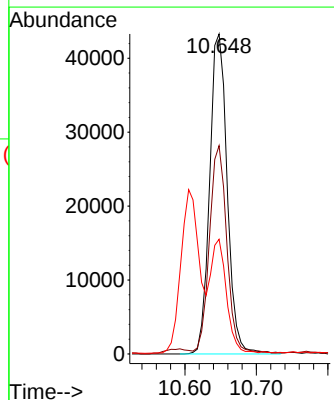
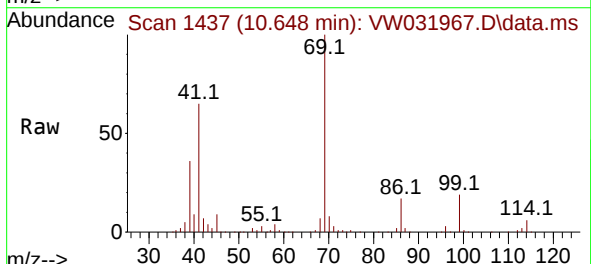
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

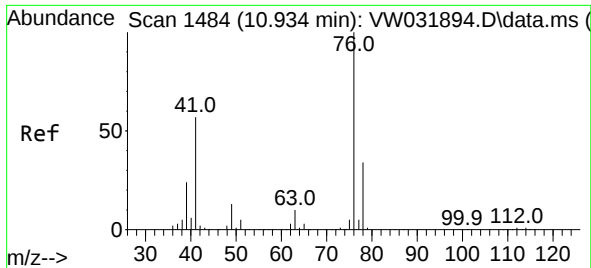
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 53734 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 82.6  | 62.4  | 93.6  |
| 85       | 56.7  | 41.0  | 61.6  |
| 99       | 62.5  | 48.1  | 72.1  |



#56  
Ethyl methacrylate  
Concen: 20.951 ug/l  
RT: 10.648 min Scan# 1437  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 73824 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 63.9  | 52.0  | 78.0  |
| 39       | 31.5  | 26.6  | 40.0  |





#57

1,3-Dichloropropane

Concen: 21.061 ug/l

RT: 10.934 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

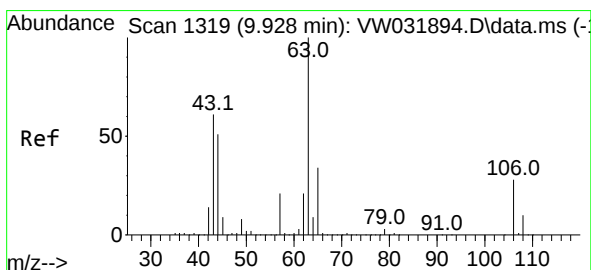
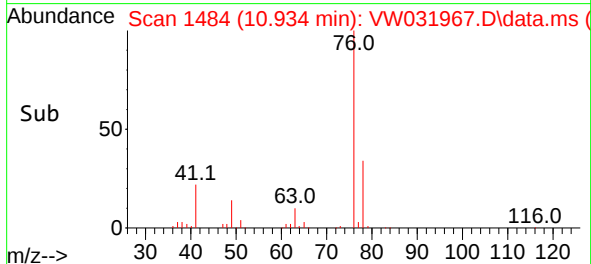
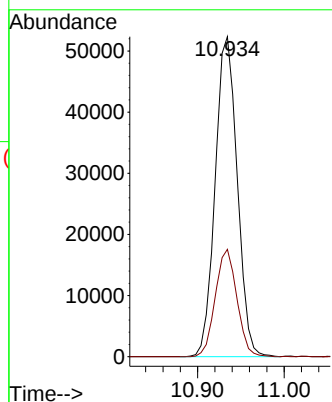
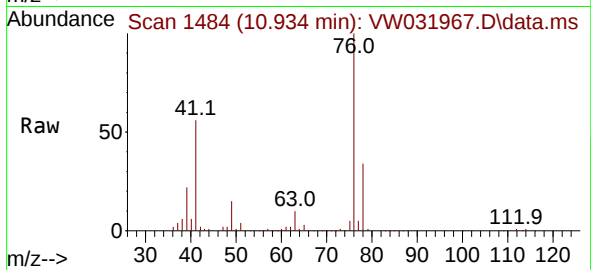
VW0731SBSD01

Tgt Ion: 76 Resp: 92572

Ion Ratio Lower Upper

76 100

78 32.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 100.844 ug/l

RT: 9.928 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VW031967.D

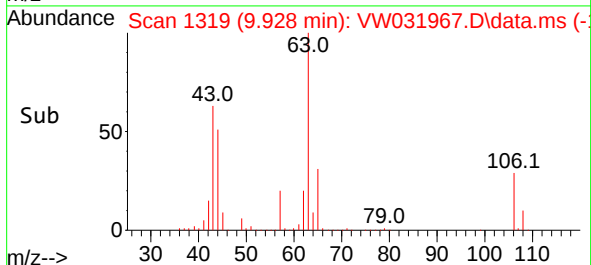
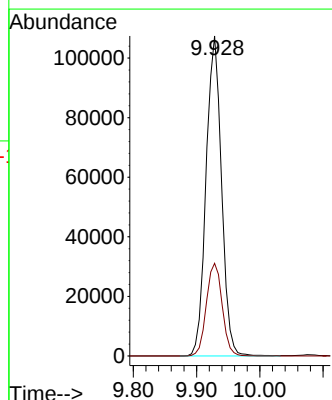
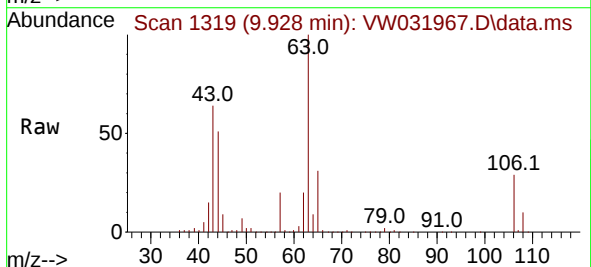
Acq: 31 Jul 2025 13:33

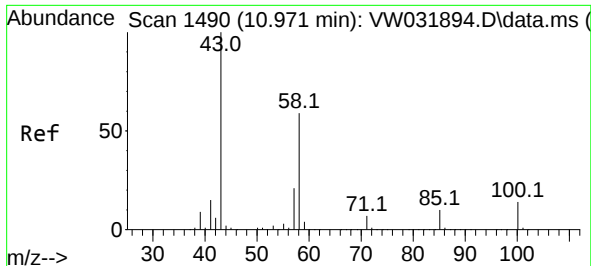
Tgt Ion: 63 Resp: 182522

Ion Ratio Lower Upper

63 100

106 29.6 22.7 34.1

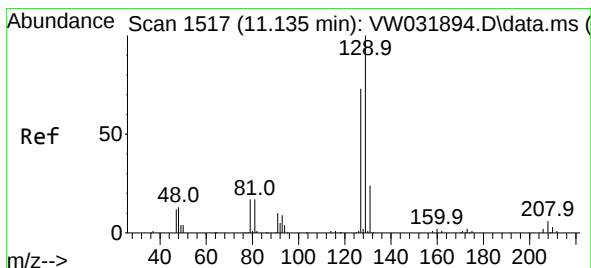
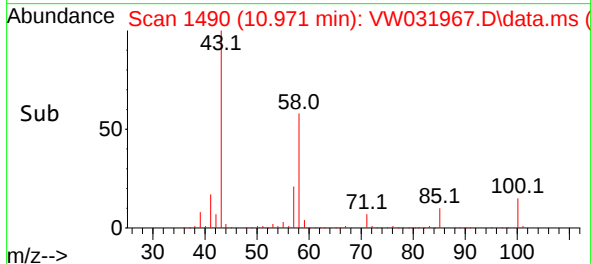
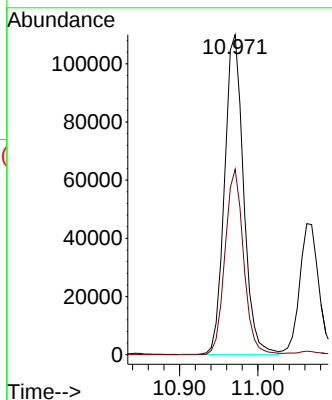
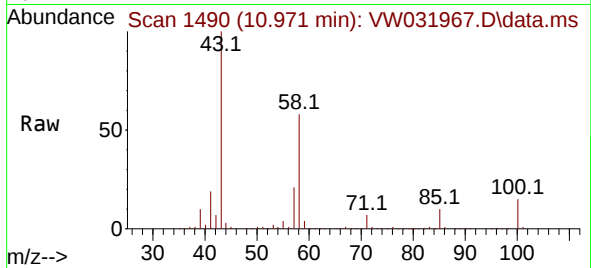




#59  
2-Hexanone  
Concen: 110.834 ug/l  
RT: 10.971 min Scan# 1490  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

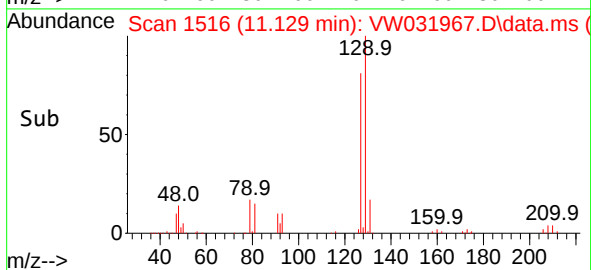
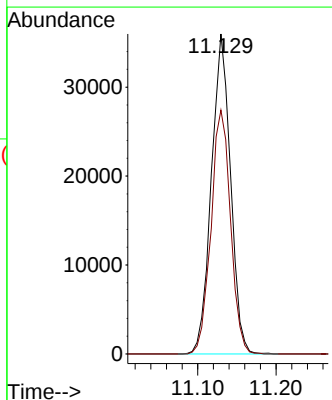
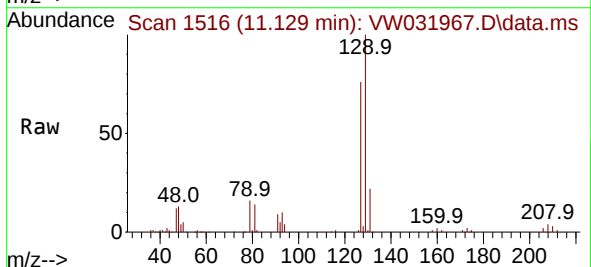
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBS01

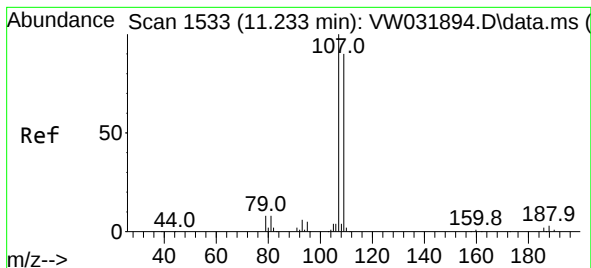
Tgt Ion: 43 Resp: 185060  
Ion Ratio Lower Upper  
43 100  
58 56.9 28.5 85.6



#60  
Dibromochloromethane  
Concen: 20.985 ug/l  
RT: 11.129 min Scan# 1516  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion:129 Resp: 61045  
Ion Ratio Lower Upper  
129 100  
127 77.6 39.6 118.8

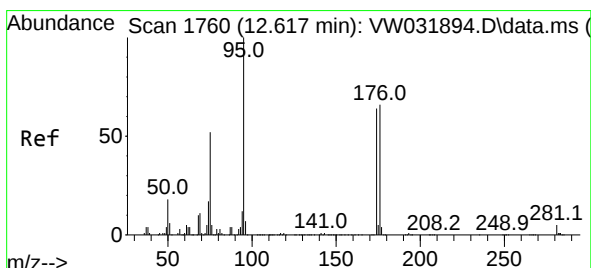
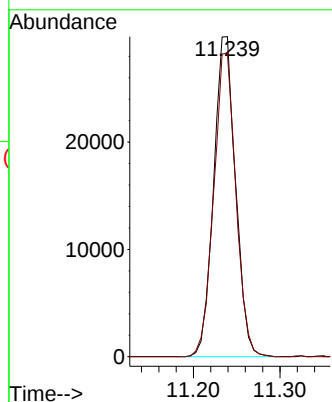
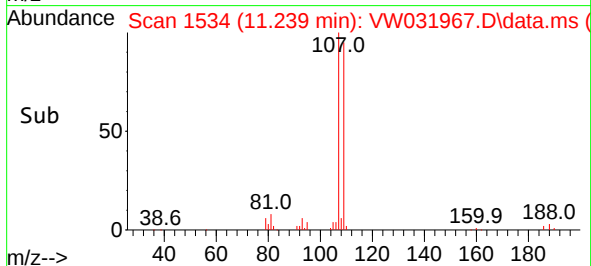
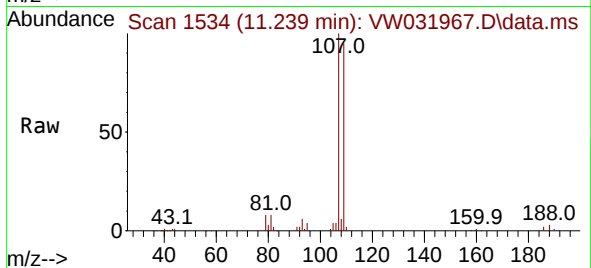




#61  
1,2-Dibromoethane  
Concen: 21.219 ug/l  
RT: 11.239 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

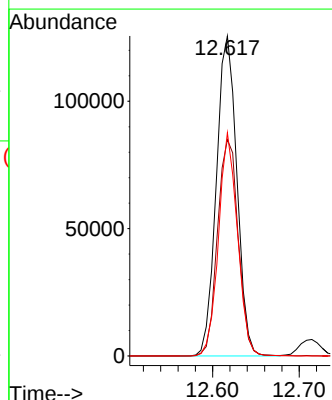
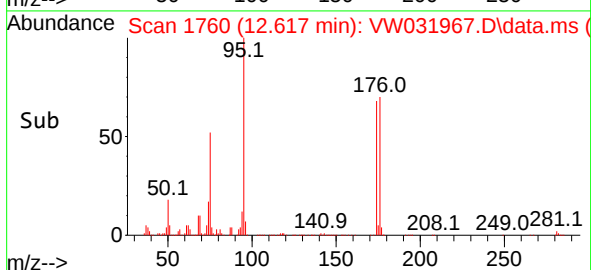
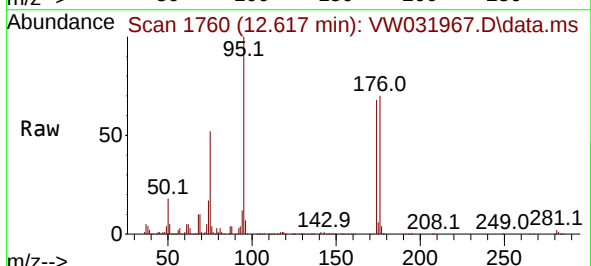
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

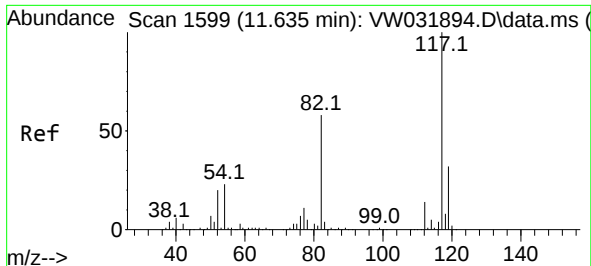
Tgt Ion:107 Resp: 52313  
Ion Ratio Lower Upper  
107 100  
109 96.1 74.2 111.4



#62  
4-Bromofluorobenzene  
Concen: 51.401 ug/l  
RT: 12.617 min Scan# 1760  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 95 Resp: 206734  
Ion Ratio Lower Upper  
95 100  
174 68.4 0.0 129.8  
176 64.5 0.0 130.4

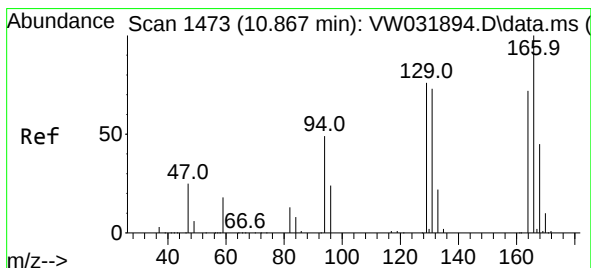
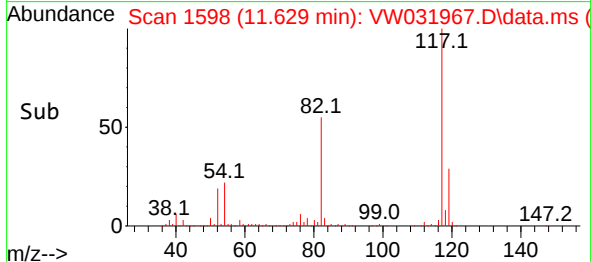
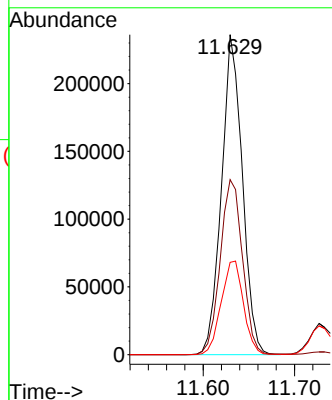
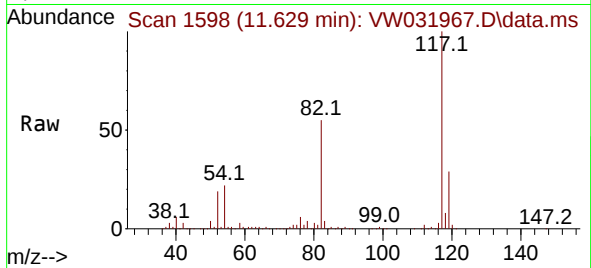




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.629 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

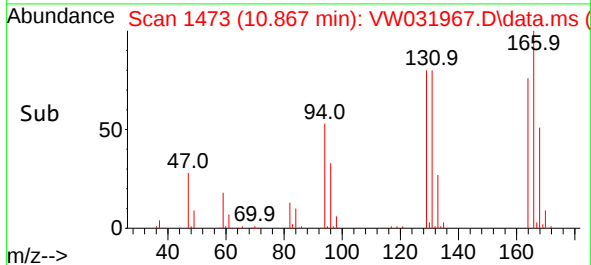
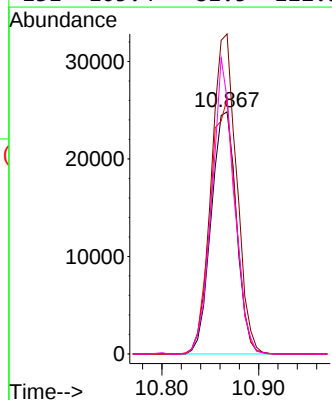
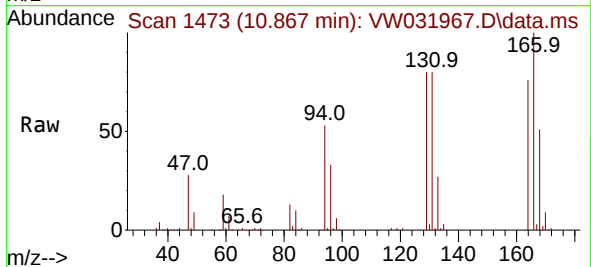
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

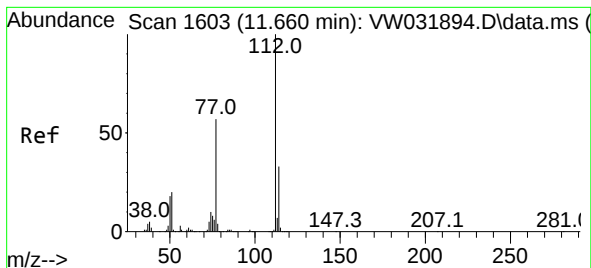
Tgt Ion:117 Resp: 374501  
Ion Ratio Lower Upper  
117 100  
82 54.7 46.5 69.7  
119 28.9 25.8 38.6



#64  
Tetrachloroethene  
Concen: 18.146 ug/l  
RT: 10.867 min Scan# 1473  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion:164 Resp: 44804  
Ion Ratio Lower Upper  
164 100  
166 132.2 111.5 167.3  
129 105.6 85.1 127.7  
131 105.4 81.5 122.3





#65

Chlorobenzene

Concen: 19.218 ug/l

RT: 11.660 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

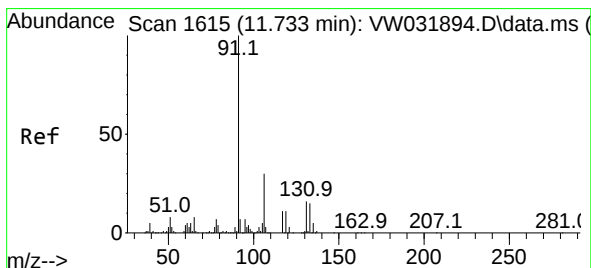
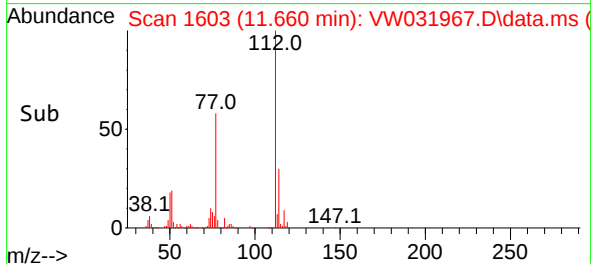
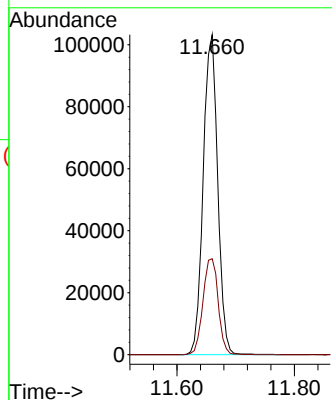
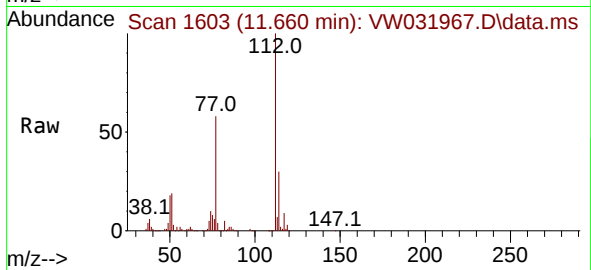
VW0731SBSD01

Tgt Ion:112 Resp: 176146

Ion Ratio Lower Upper

112 100

114 30.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 19.602 ug/l

RT: 11.733 min Scan# 1615

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

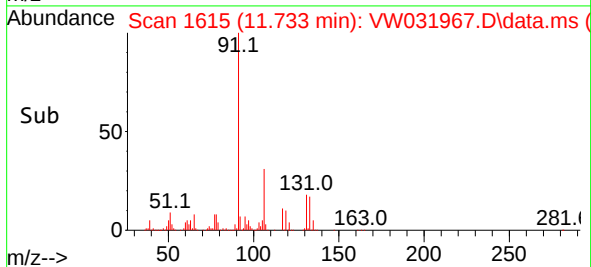
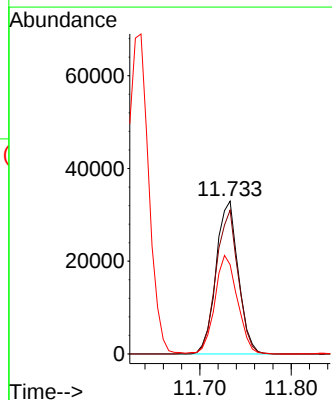
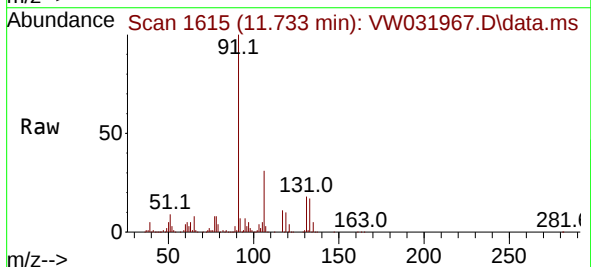
Tgt Ion:131 Resp: 55699

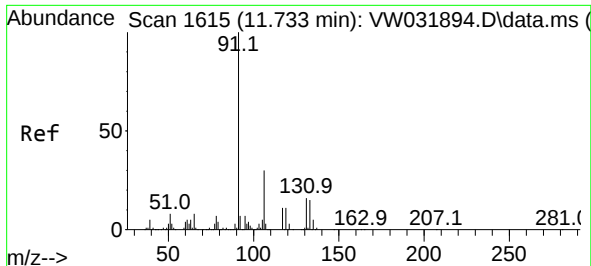
Ion Ratio Lower Upper

131 100

133 93.6 48.1 144.4

119 65.5 33.7 101.1





#67

Ethyl Benzene

Concen: 18.845 ug/l

RT: 11.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

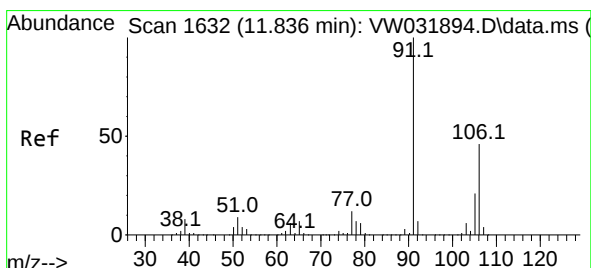
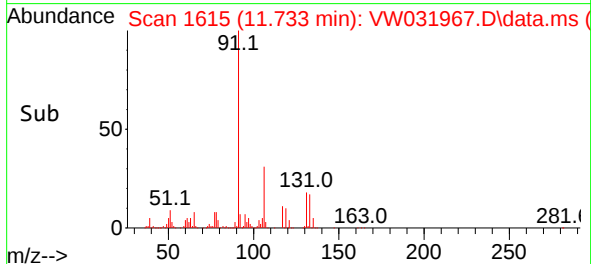
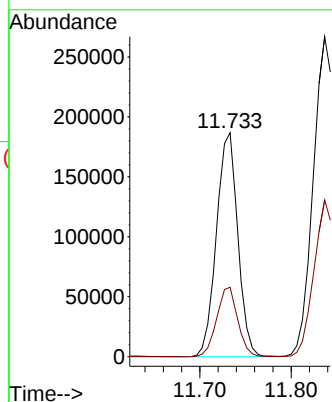
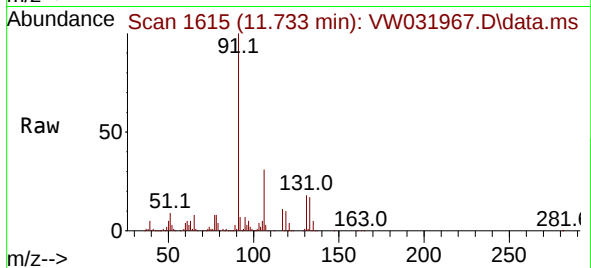
VW0731SBSD01

Tgt Ion: 91 Resp: 303487

Ion Ratio Lower Upper

91 100

106 31.0 23.8 35.6



#68

m/p-Xylenes

Concen: 38.766 ug/l

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031967.D

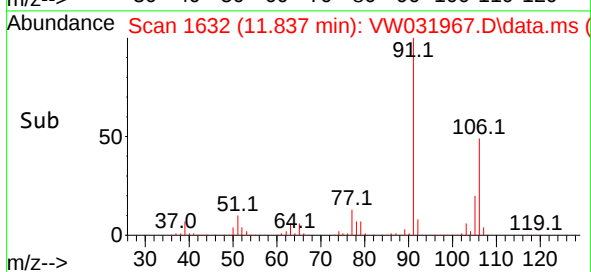
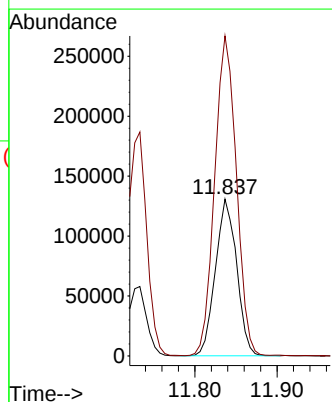
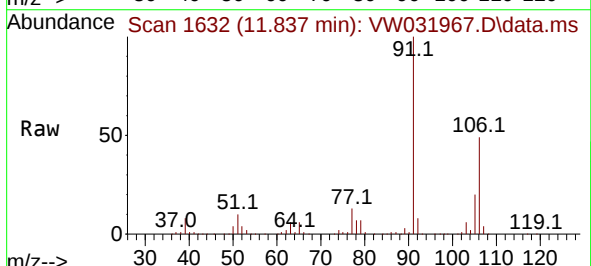
Acq: 31 Jul 2025 13:33

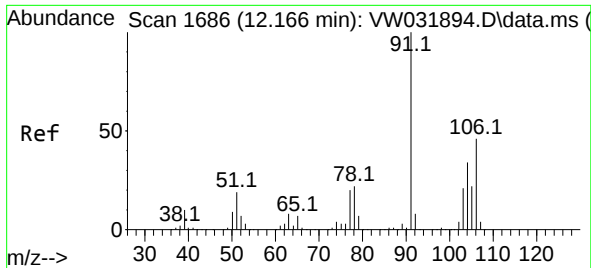
Tgt Ion:106 Resp: 235020

Ion Ratio Lower Upper

106 100

91 208.6 167.7 251.5

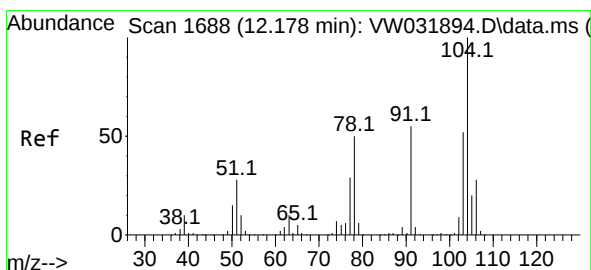
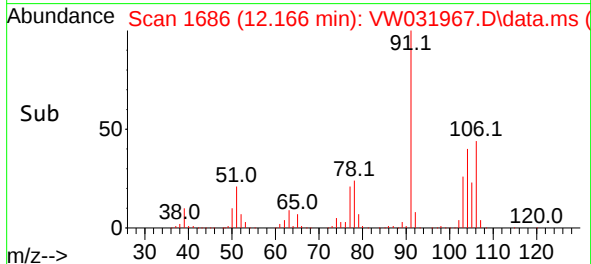
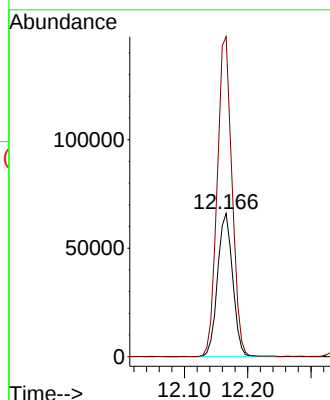
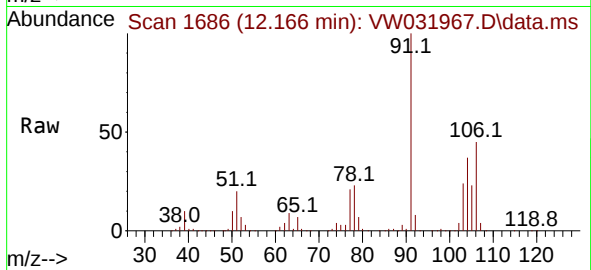




#69  
o-Xylene  
Concen: 18.983 ug/l  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

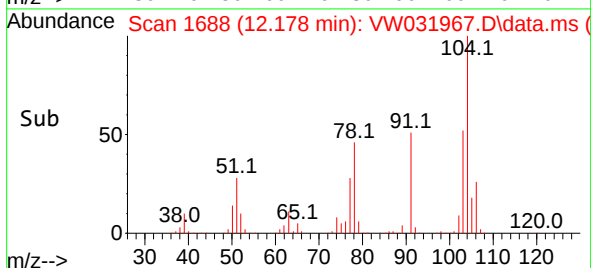
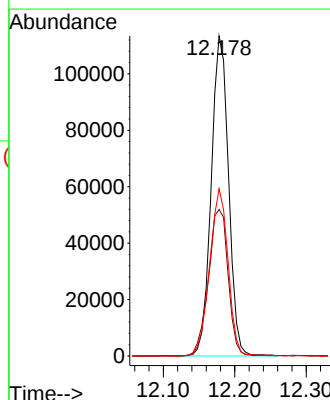
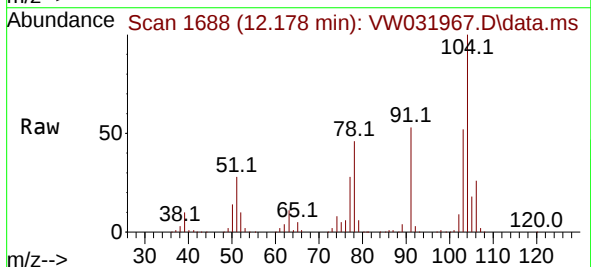
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

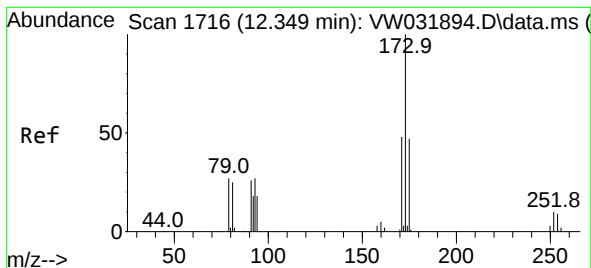
Tgt Ion:106 Resp: 108912  
Ion Ratio Lower Upper  
106 100  
91 220.4 108.2 324.6



#70  
Styrene  
Concen: 19.564 ug/l  
RT: 12.178 min Scan# 1688  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion:104 Resp: 191105  
Ion Ratio Lower Upper  
104 100  
78 51.8 42.2 63.4  
103 55.4 42.8 64.2





#71

Bromoform

Concen: 20.452 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

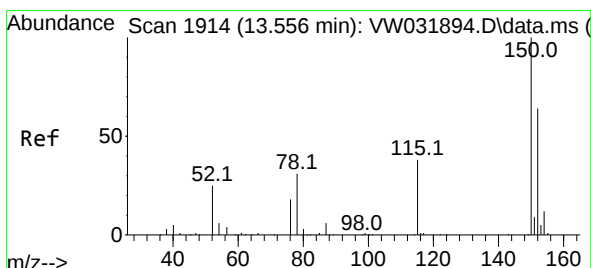
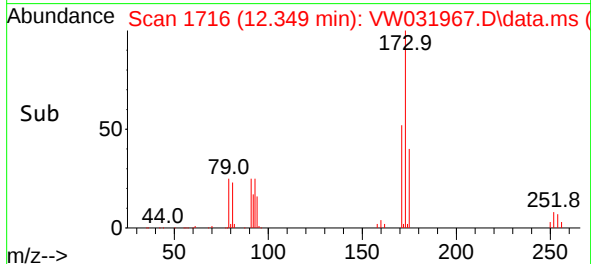
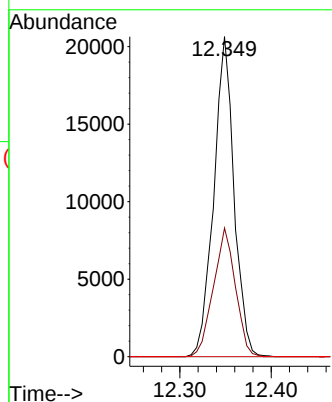
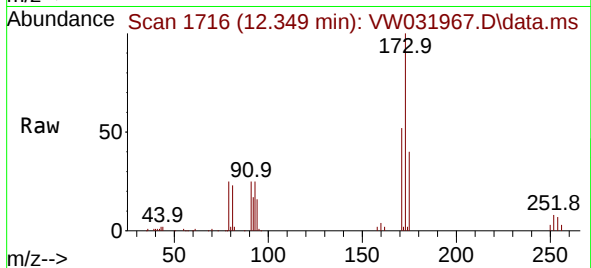
Tgt Ion:173 Resp: 31783

Ion Ratio Lower Upper

173 100

175 43.5 24.5 73.5

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

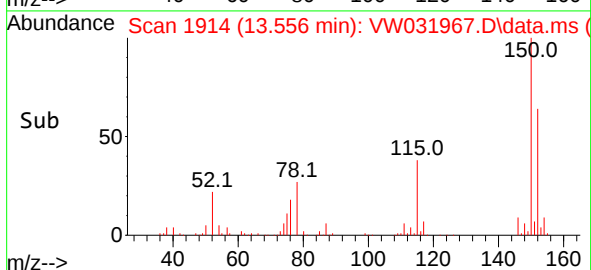
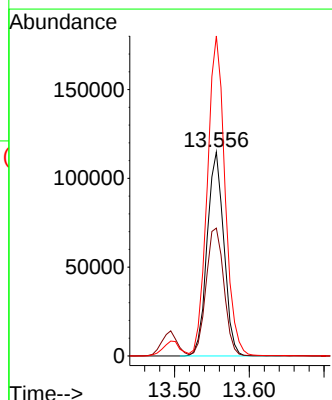
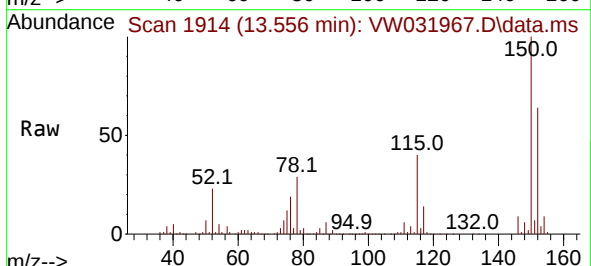
Tgt Ion:152 Resp: 178621

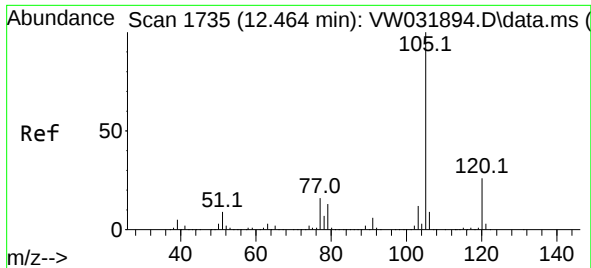
Ion Ratio Lower Upper

152 100

115 66.8 33.4 100.1

150 166.1 0.0 352.2

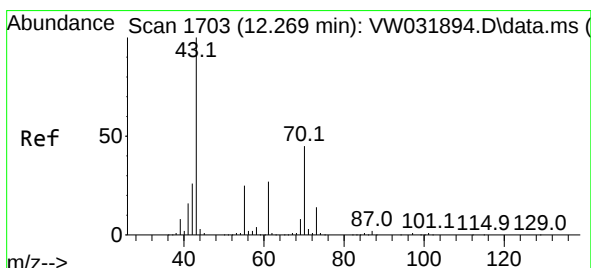
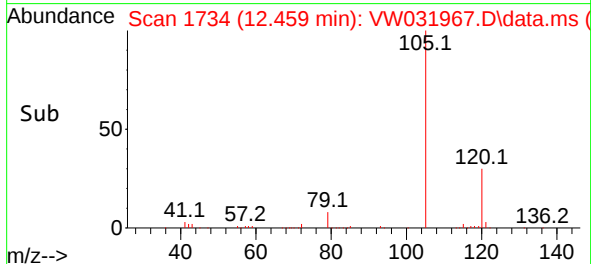
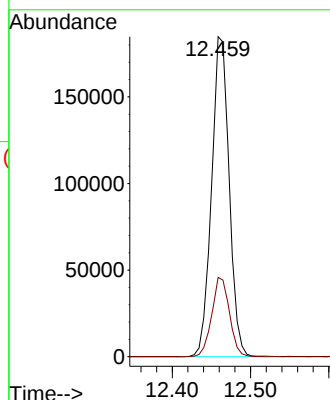
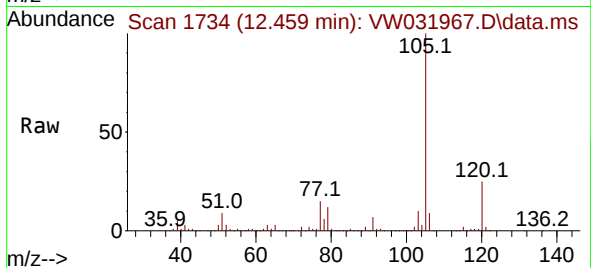




#73  
Isopropylbenzene  
Concen: 18.594 ug/l  
RT: 12.459 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

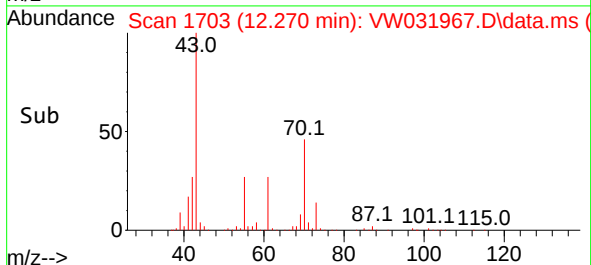
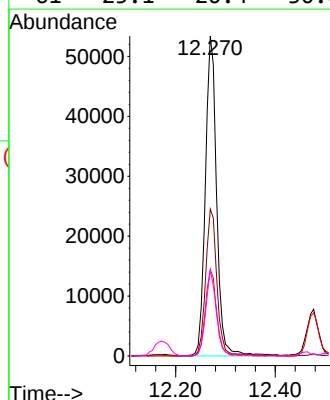
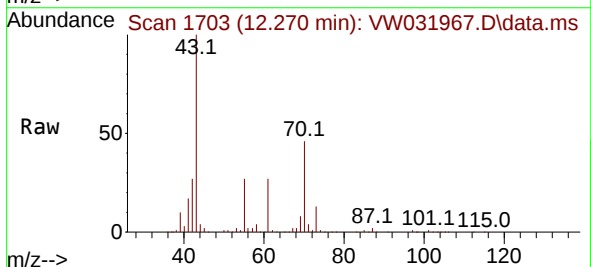
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

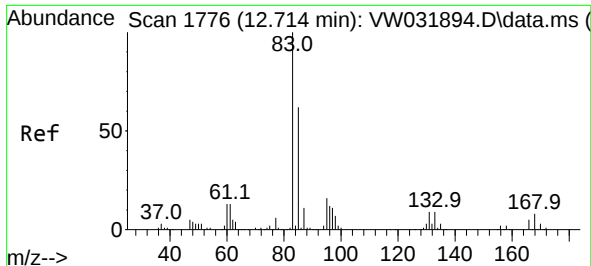
Tgt Ion:105 Resp: 288180  
Ion Ratio Lower Upper  
105 100  
120 24.8 12.6 37.8



#74  
N-ethyl acetate  
Concen: 20.079 ug/l  
RT: 12.270 min Scan# 1703  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 43 Resp: 84128  
Ion Ratio Lower Upper  
43 100  
70 46.1 36.6 55.0  
55 26.6 20.7 31.1  
61 25.1 20.4 30.6

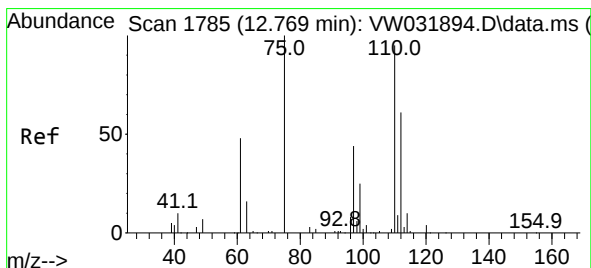
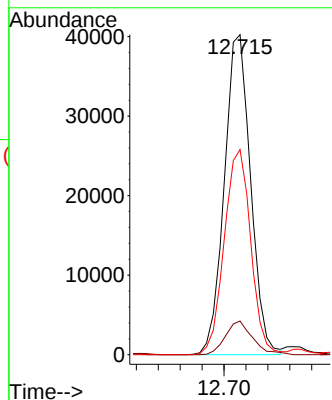
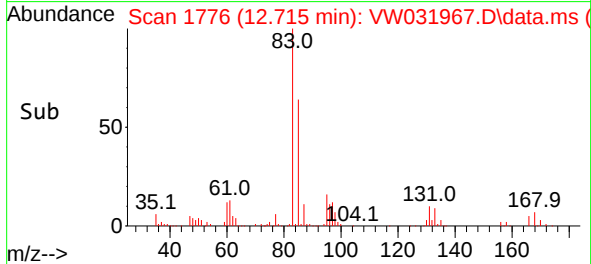
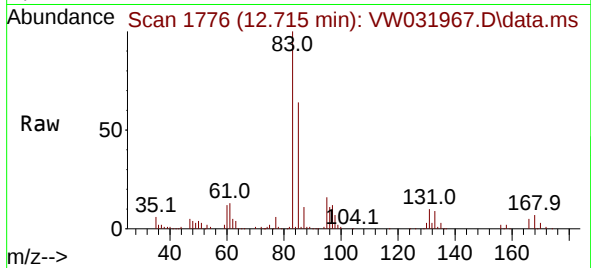




#75  
1,1,2,2-Tetrachloroethane  
Concen: 20.387 ug/l  
RT: 12.715 min Scan# 1776  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

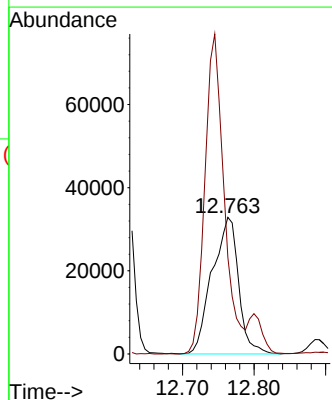
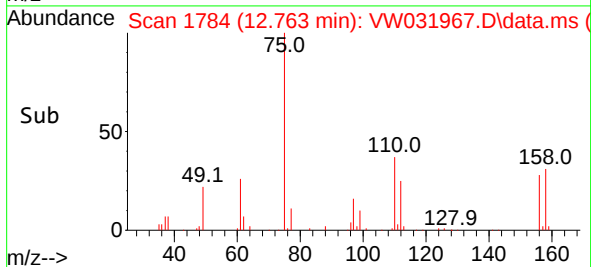
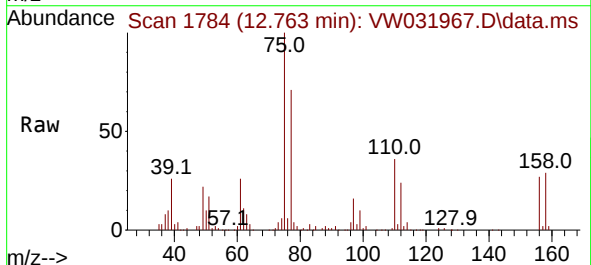
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

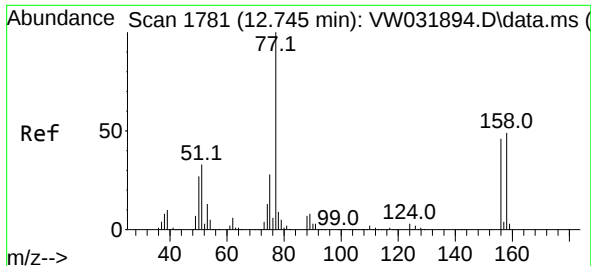
Tgt Ion: 83 Resp: 67068  
Ion Ratio Lower Upper  
83 100  
131 10.8 5.0 15.0  
85 64.7 31.8 95.3



#76  
1,2,3-Trichloropropane  
Concen: 34.148 ug/l  
RT: 12.763 min Scan# 1784  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 75 Resp: 84214  
Ion Ratio Lower Upper  
75 100  
77 171.2 0.0 0.0#

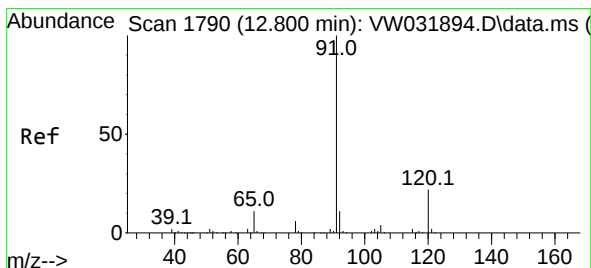
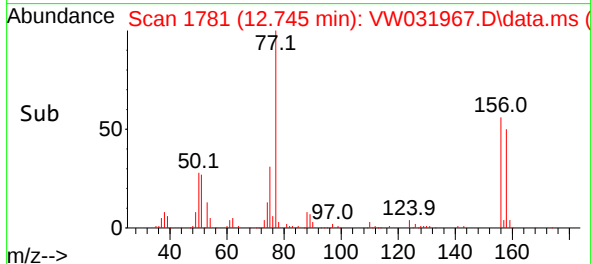
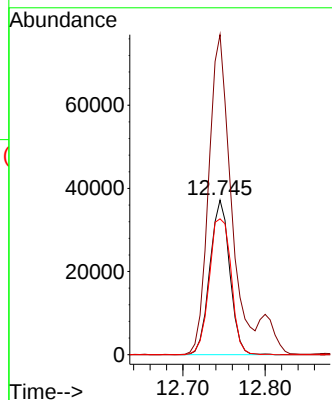
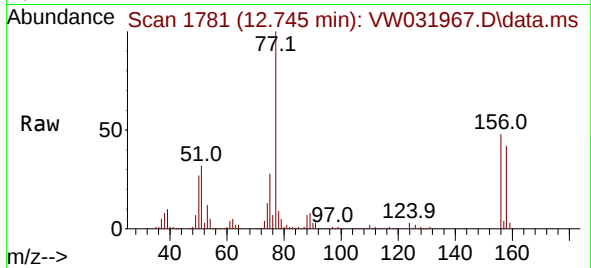




#77  
Bromobenzene  
Concen: 18.619 ug/l  
RT: 12.745 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

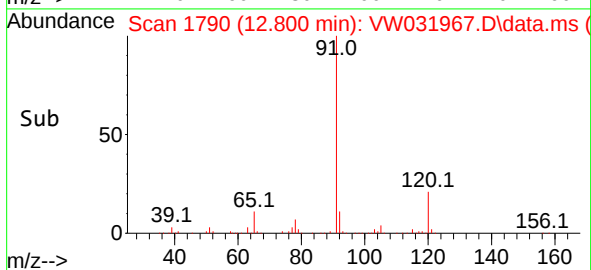
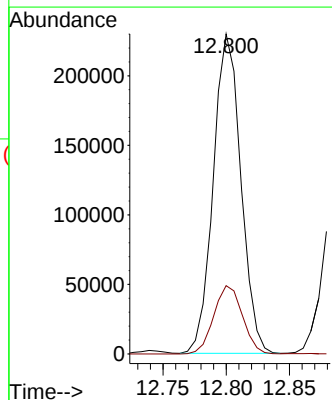
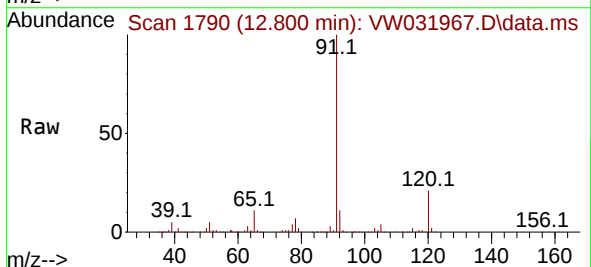
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

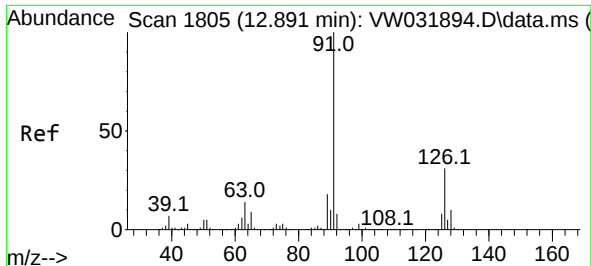
Tgt Ion:156 Resp: 62434  
Ion Ratio Lower Upper  
156 100  
77 231.0 115.3 345.8  
158 97.4 50.1 150.3



#78  
n-propylbenzene  
Concen: 18.298 ug/l  
RT: 12.800 min Scan# 1790  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 91 Resp: 348289  
Ion Ratio Lower Upper  
91 100  
120 22.2 10.9 32.6

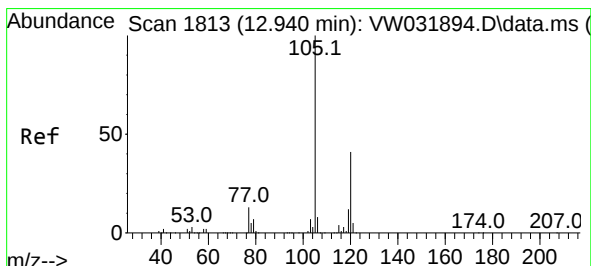
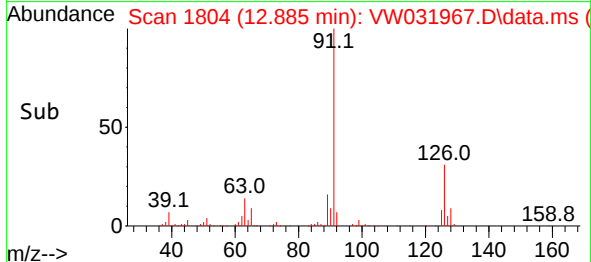
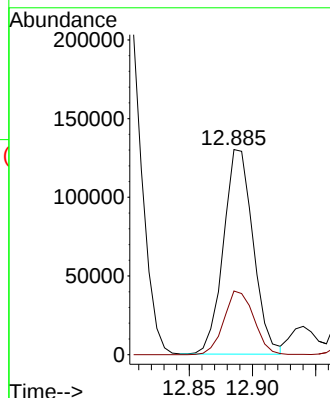
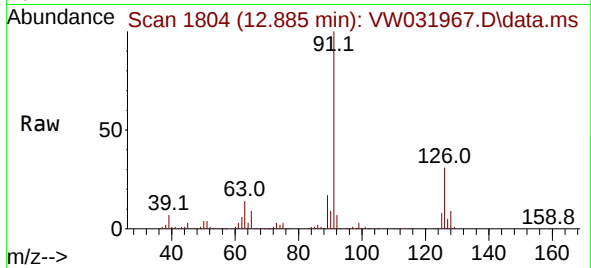




#79  
2-Chlorotoluene  
Concen: 18.714 ug/l  
RT: 12.885 min Scan# 1804  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

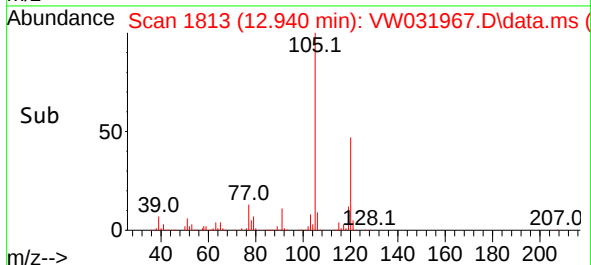
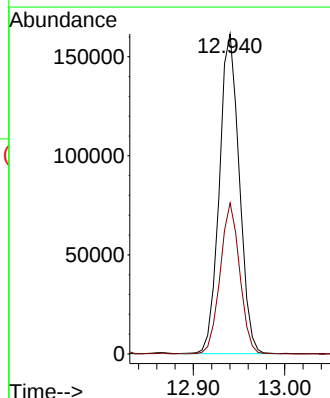
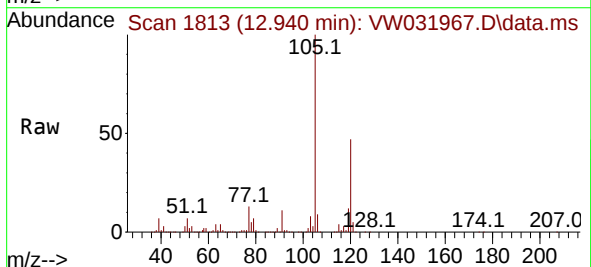
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

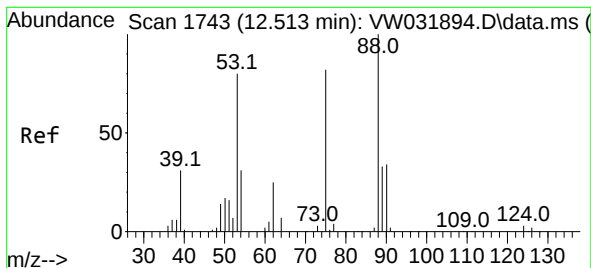
Tgt Ion: 91 Resp: 212685  
Ion Ratio Lower Upper  
91 100  
126 31.4 15.6 46.8



#80  
1,3,5-Trimethylbenzene  
Concen: 18.823 ug/l  
RT: 12.940 min Scan# 1813  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 105 Resp: 244671  
Ion Ratio Lower Upper  
105 100  
120 46.3 23.5 70.5

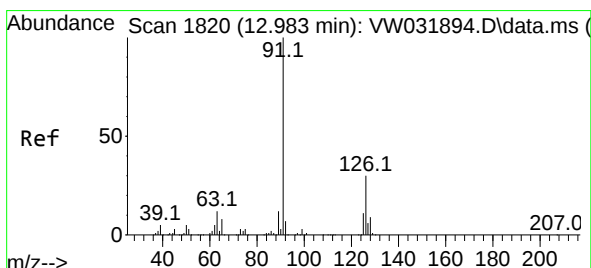
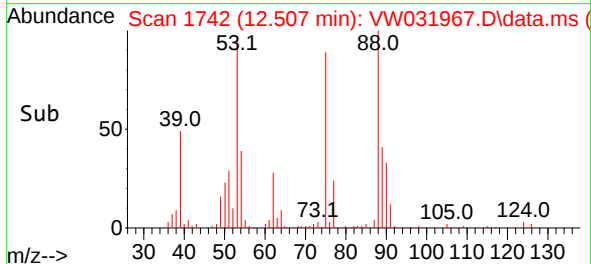
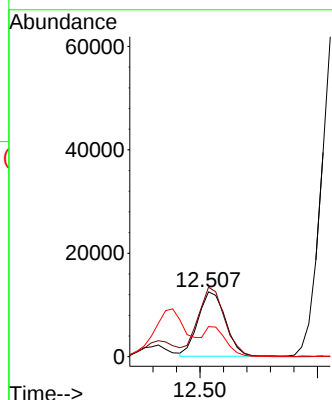
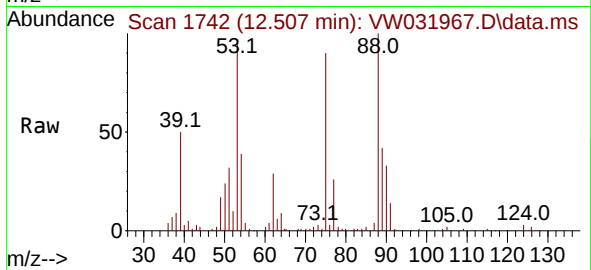




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.790 ug/l  
RT: 12.507 min Scan# 1743  
Delta R.T. -0.006 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

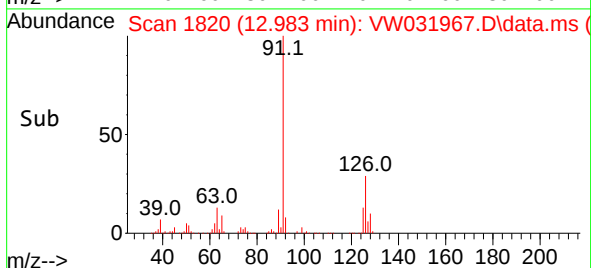
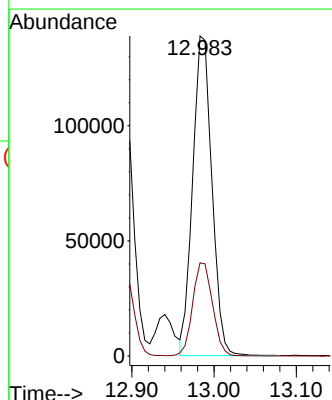
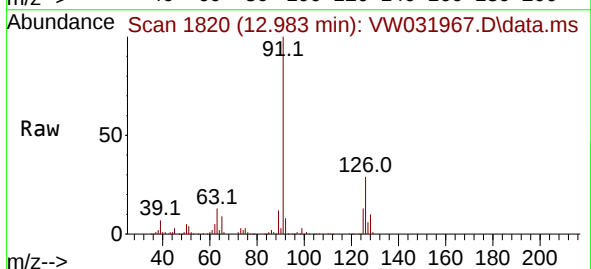
Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0731SBSD01

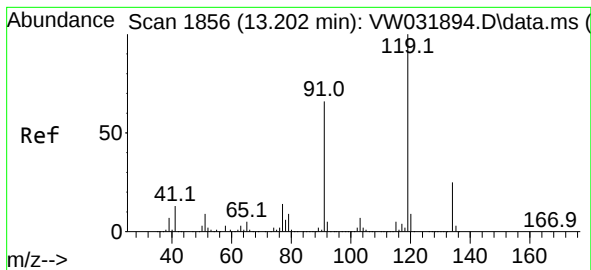
Tgt Ion: 75 Resp: 20071  
Ion Ratio Lower Upper  
75 100  
53 108.1 83.7 125.5  
89 34.3 39.0 58.6#



#82  
4-Chlorotoluene  
Concen: 18.904 ug/l  
RT: 12.983 min Scan# 1820  
Delta R.T. 0.000 min  
Lab File: VW031967.D  
Acq: 31 Jul 2025 13:33

Tgt Ion: 91 Resp: 225385  
Ion Ratio Lower Upper  
91 100  
126 30.2 15.8 47.3

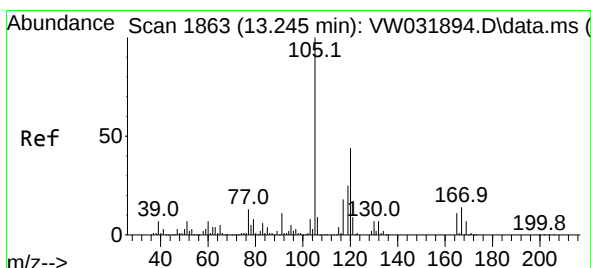
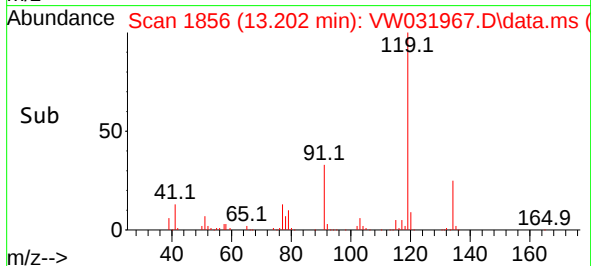
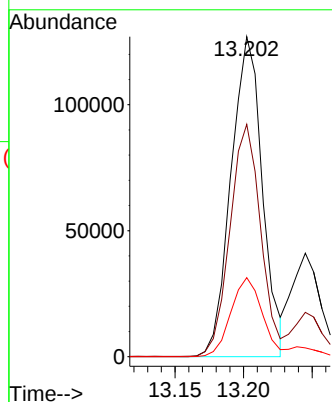
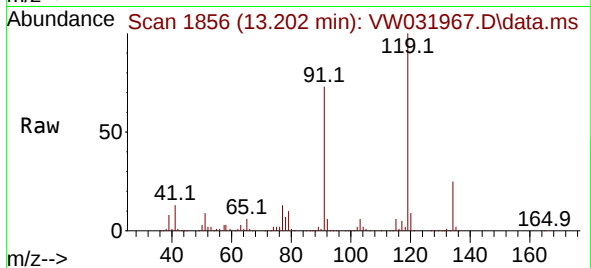




#83  
 tert-Butylbenzene  
 Concen: 18.296 ug/l  
 RT: 13.202 min Scan# 1856  
 Delta R.T. 0.000 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

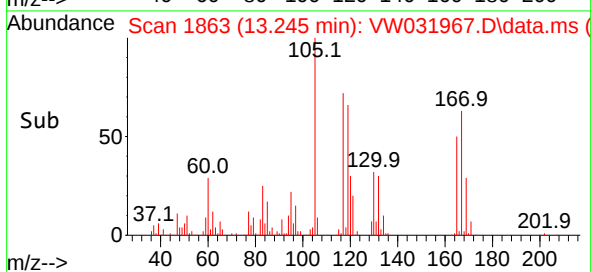
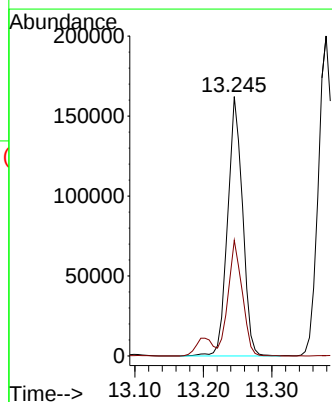
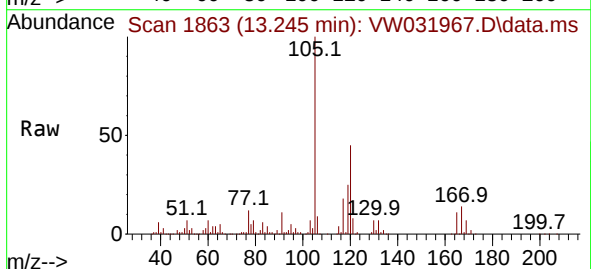
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

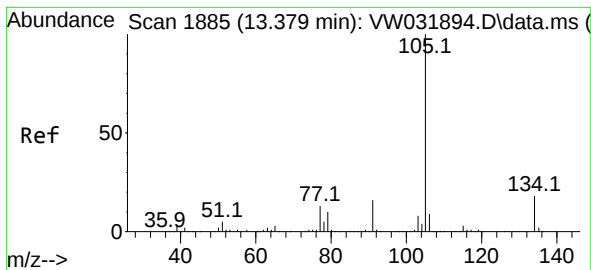
Tgt Ion:119 Resp: 202572  
 Ion Ratio Lower Upper  
 119 100  
 91 70.9 35.5 106.5  
 134 25.0 12.4 37.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 18.610 ug/l  
 RT: 13.245 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion:105 Resp: 244834  
 Ion Ratio Lower Upper  
 105 100  
 120 42.2 21.3 63.9

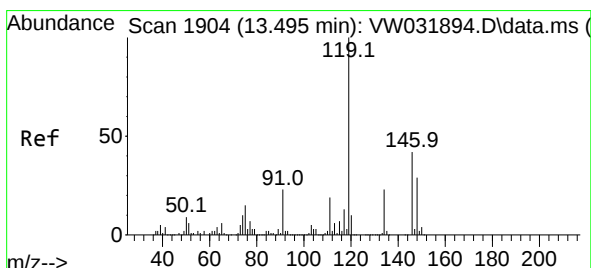
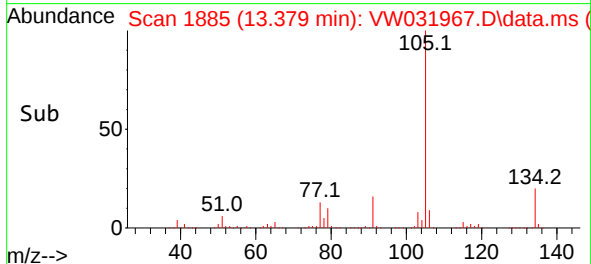
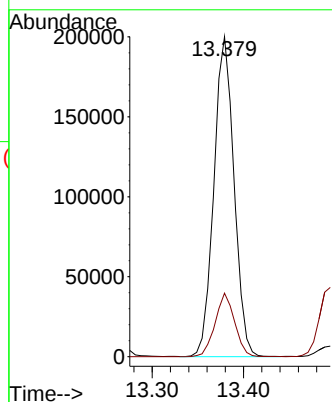
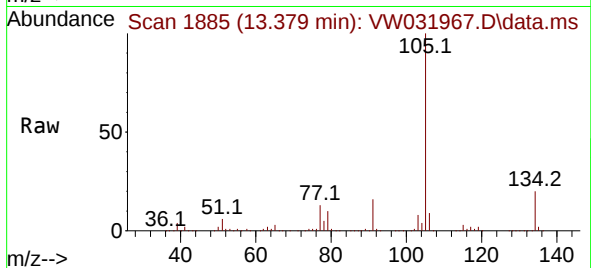




#85  
 sec-Butylbenzene  
 Concen: 18.415 ug/l  
 RT: 13.379 min Scan# 1885  
 Delta R.T. 0.000 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

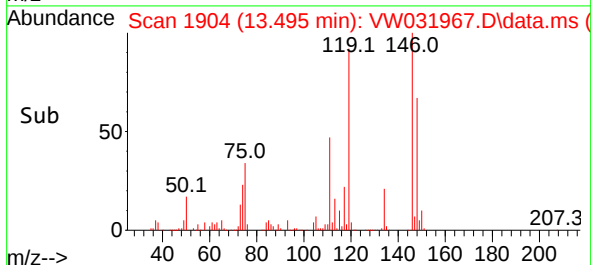
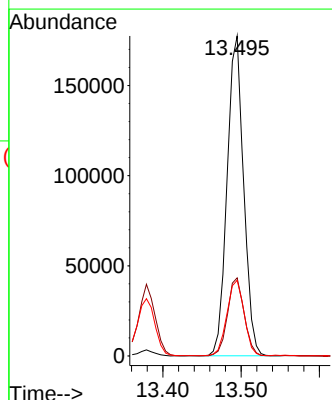
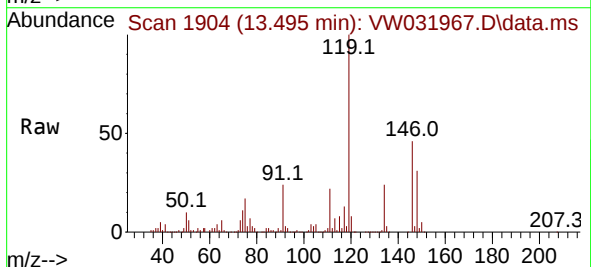
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0731SBSD01

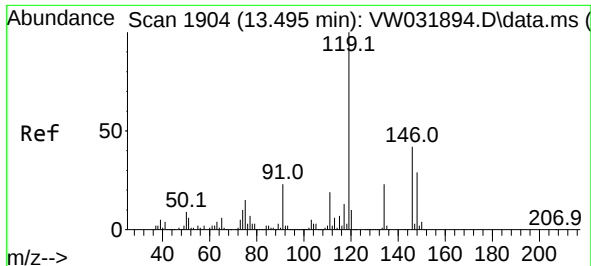
Tgt Ion:105 Resp: 306184  
 Ion Ratio Lower Upper  
 105 100  
 134 19.3 9.2 27.6



#86  
 p-Isopropyltoluene  
 Concen: 18.943 ug/l  
 RT: 13.495 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VW031967.D  
 Acq: 31 Jul 2025 13:33

Tgt Ion:119 Resp: 260330  
 Ion Ratio Lower Upper  
 119 100  
 134 24.6 13.0 39.0  
 91 24.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.069 ug/l

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

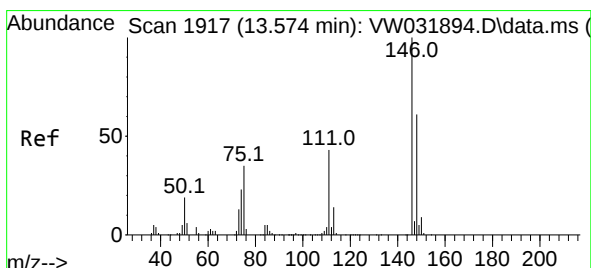
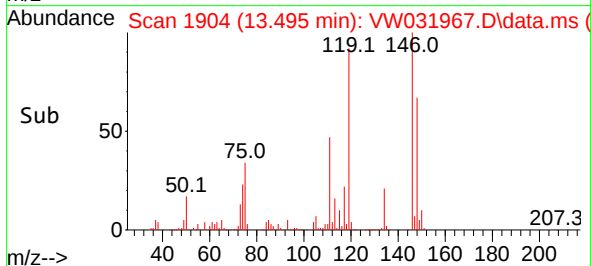
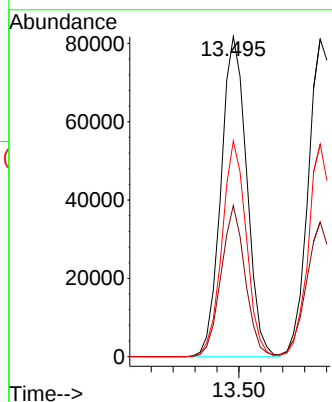
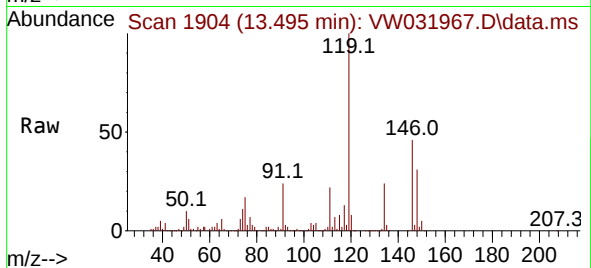
Tgt Ion:146 Resp: 133110

Ion Ratio Lower Upper

146 100

111 44.1 21.9 65.7

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.258 ug/l

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

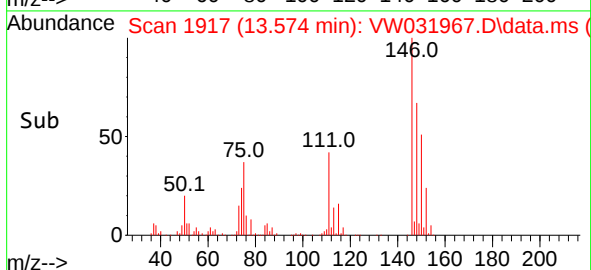
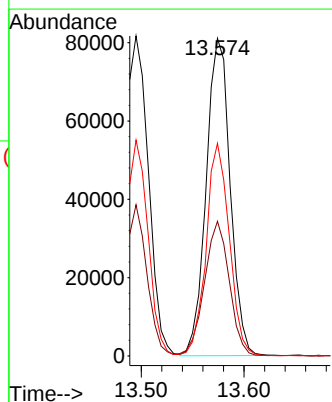
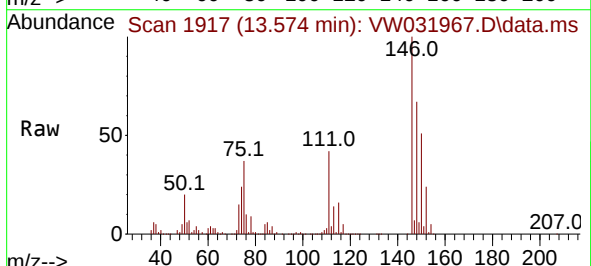
Tgt Ion:146 Resp: 131684

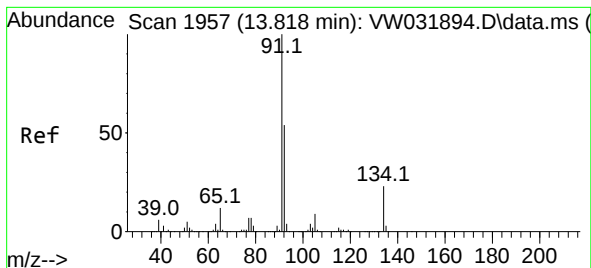
Ion Ratio Lower Upper

146 100

111 43.8 22.1 66.3

148 64.6 31.8 95.3





#89

n-Butylbenzene

Concen: 18.337 ug/l

RT: 13.818 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

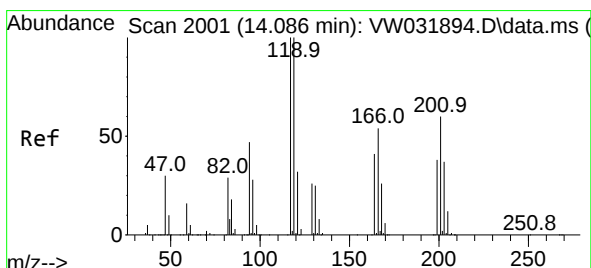
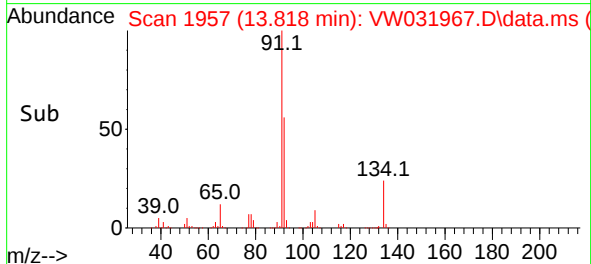
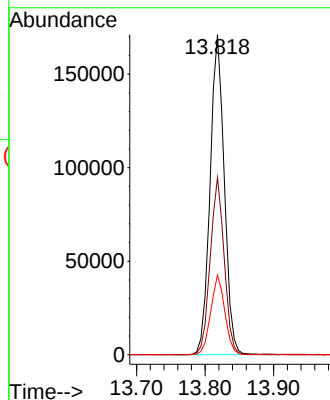
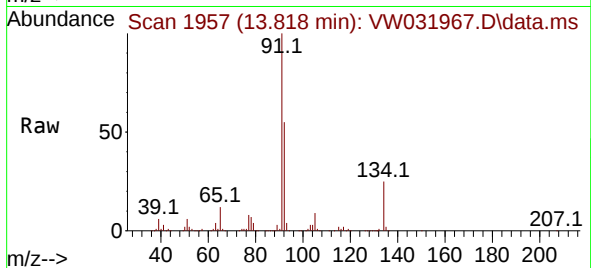
Tgt Ion: 91 Resp: 247211

Ion Ratio Lower Upper

91 100

92 54.4 27.2 81.5

134 24.6 11.6 34.7



#90

Hexachloroethane

Concen: 17.832 ug/l

RT: 14.092 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VW031967.D

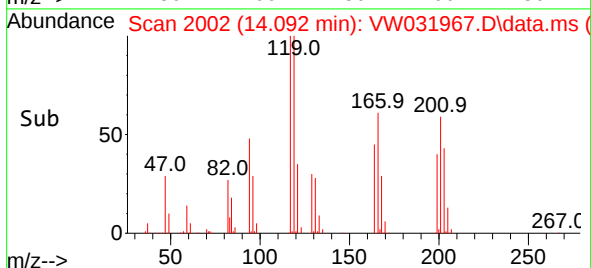
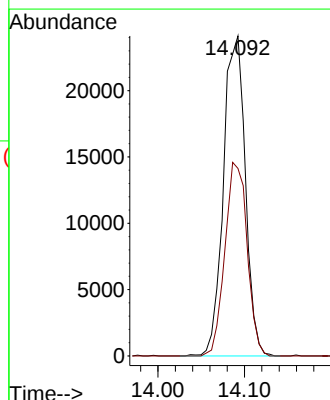
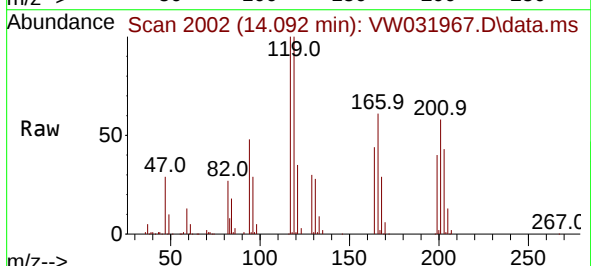
Acq: 31 Jul 2025 13:33

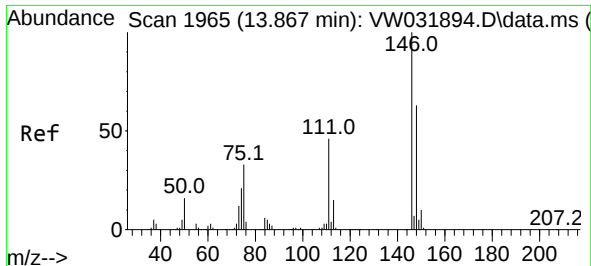
Tgt Ion: 117 Resp: 42377

Ion Ratio Lower Upper

117 100

201 61.4 28.4 85.2





#91

1,2-Dichlorobenzene

Concen: 18.993 ug/l

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

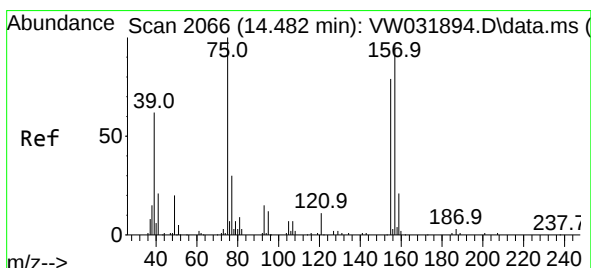
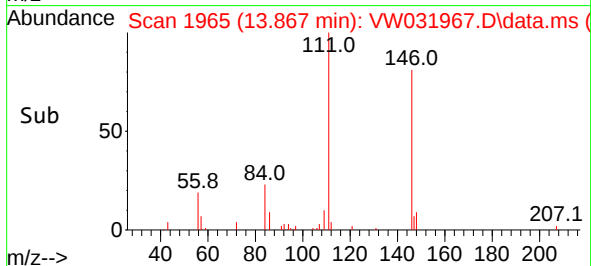
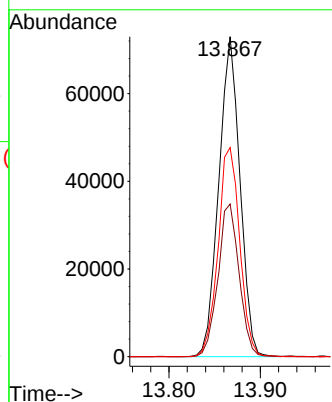
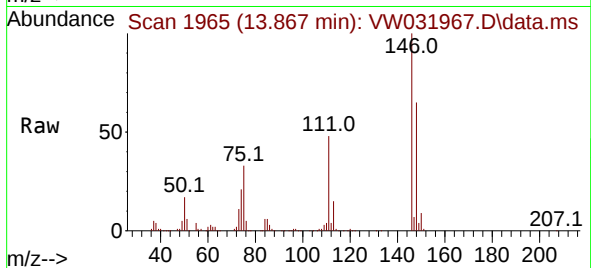
Tgt Ion:146 Resp: 117493

Ion Ratio Lower Upper

146 100

111 47.8 23.6 71.0

148 66.9 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.058 ug/l

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

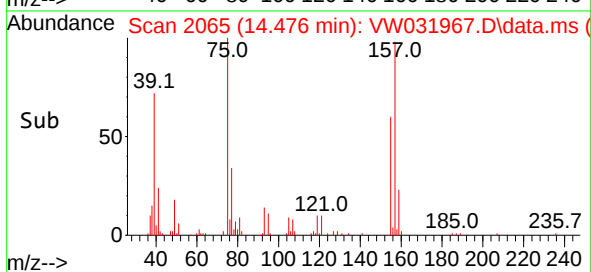
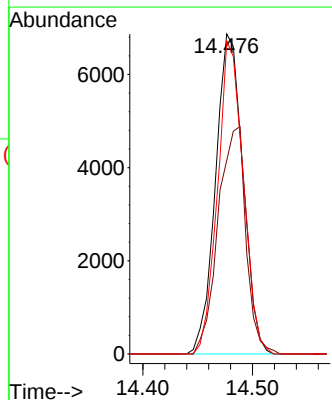
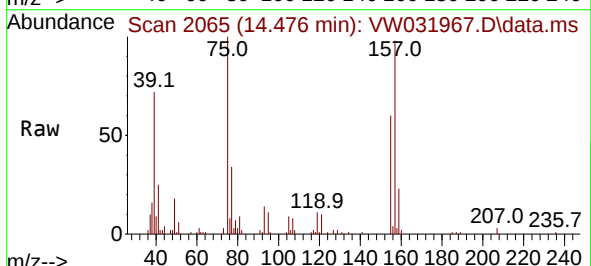
Tgt Ion: 75 Resp: 11921

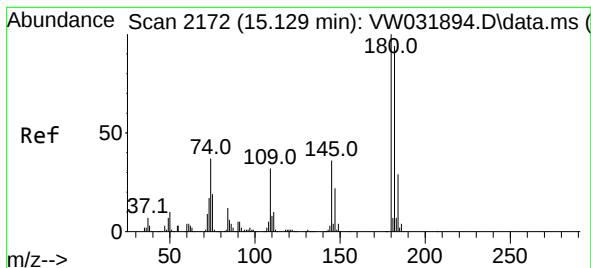
Ion Ratio Lower Upper

75 100

155 72.1 35.9 107.7

157 91.5 47.4 142.2





#93

1,2,4-Trichlorobenzene

Concen: 19.798 ug/l

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

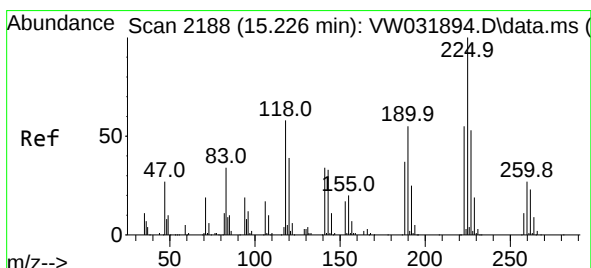
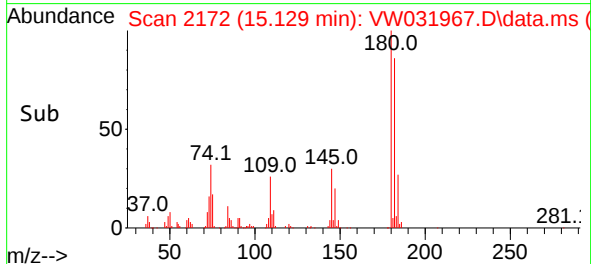
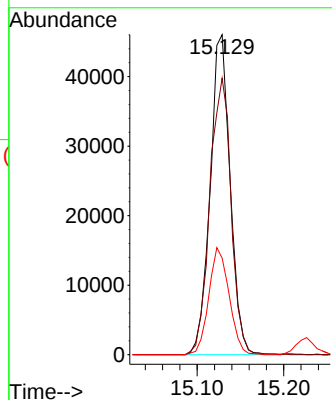
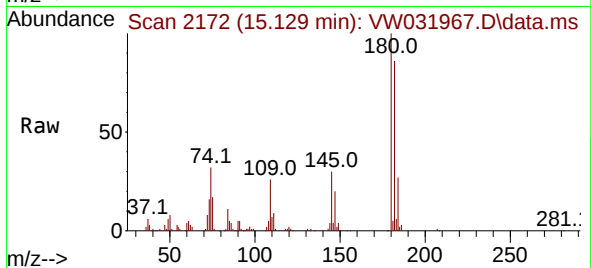
Tgt Ion:180 Resp: 73861

Ion Ratio Lower Upper

180 100

182 92.1 51.0 153.1

145 34.0 18.4 55.4



#94

Hexachlorobutadiene

Concen: 18.150 ug/l

RT: 15.226 min Scan# 2188

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

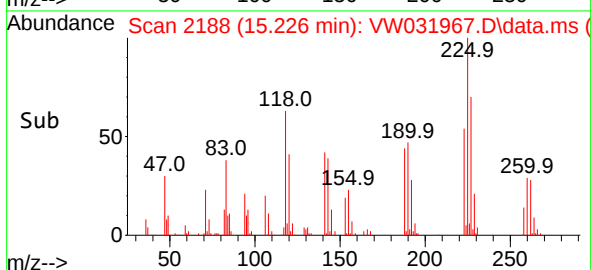
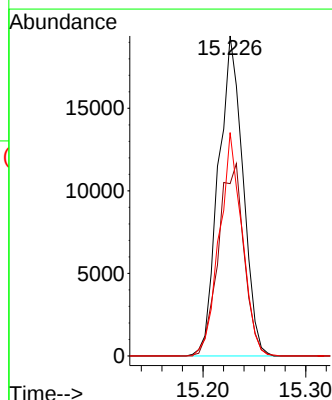
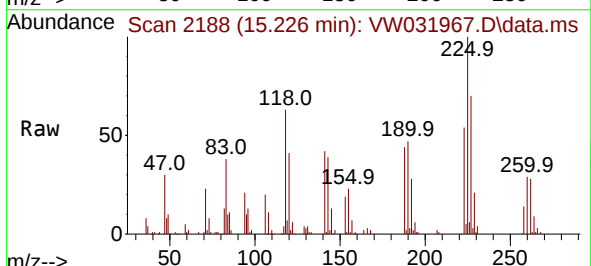
Tgt Ion:225 Resp: 32086

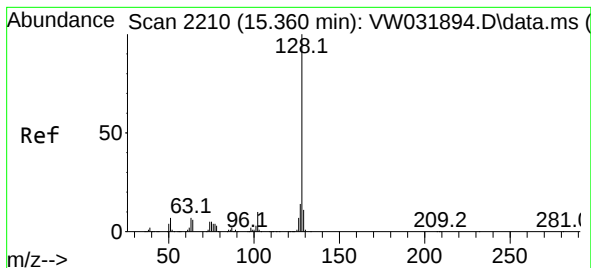
Ion Ratio Lower Upper

225 100

223 62.9 30.9 92.7

227 64.6 30.0 90.1





#95

Naphthalene

Concen: 18.826 ug/l

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Instrument :

MSVOA\_W

ClientSampleId :

VW0731SBSD01

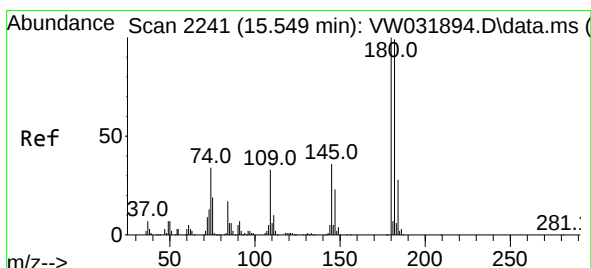
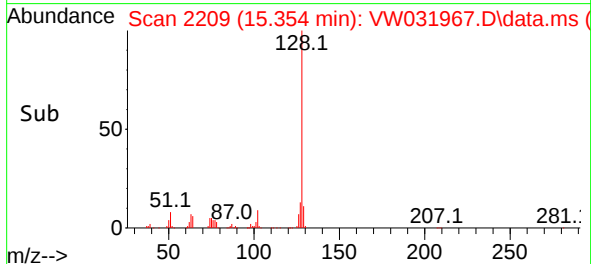
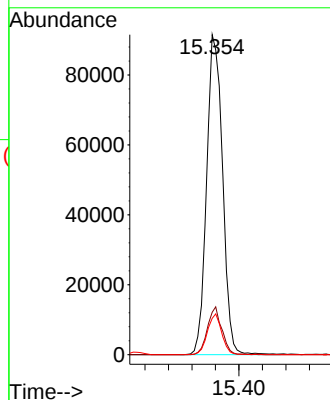
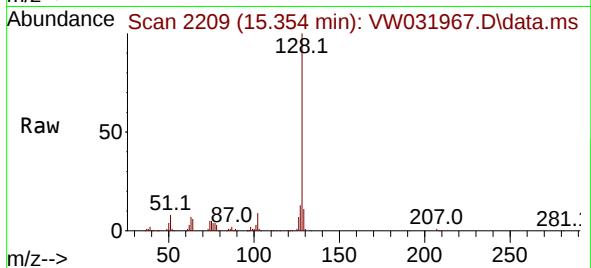
Tgt Ion:128 Resp: 172673

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.5 9.2 13.8



#96

1,2,3-Trichlorobenzene

Concen: 19.529 ug/l

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW031967.D

Acq: 31 Jul 2025 13:33

Tgt Ion:180 Resp: 66012

Ion Ratio Lower Upper

180 100

182 95.2 50.4 151.2

145 37.7 18.6 55.8

