

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110725\  
 Data File : VU063684.D  
 Acq On : 07 Nov 2025 13:58  
 Operator : MD/SY  
 Sample : Q3530-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-03-QT4-2025

Quant Time: Nov 08 02:34:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U103125DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Mon Nov 03 00:51:51 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|------------------------------|--------|------|----------|-------|---------|----------|
| -----                        |        |      |          |       |         |          |
| Internal Standards           |        |      |          |       |         |          |
| 1) Fluorobenzene             | 6.081  | 96   | 55403    | 1.000 | ug/l    | # 0.00   |
| System Monitoring Compounds  |        |      |          |       |         |          |
| 57) 4-Bromofluorobenzene     | 10.611 | 95   | 21977    | 0.877 | ug/l    | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | =     | 88.000% |          |
| 68) 1,2-Dichlorobenzene-d4   | 12.171 | 152  | 20530    | 0.914 | ug/l    | 0.00     |
| Spiked Amount                | 1.000  |      | Recovery | =     | 91.000% |          |
| Target Compounds             |        |      |          |       |         |          |
|                              |        |      |          |       |         | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.374  | 85   | 13708    | 0.657 | ug/l    | 97       |
| 3) Chloromethane             | 1.509  | 50   | 12842    | 0.655 | ug/l    | 98       |
| 4) Vinyl Chloride            | 1.589  | 62   | 13565    | 0.680 | ug/l    | 91       |
| 5) Bromomethane              | 1.840  | 94   | 10883    | 0.903 | ug/l    | 91       |
| 6) Chloroethane              | 1.917  | 64   | 9319     | 0.761 | ug/l    | 98       |
| 7) Trichlorofluoromethane    | 2.119  | 101  | 20983    | 0.723 | ug/l    | 93       |
| 8) 1,1,2-Trichloro-1,2,2-... | 2.557  | 101  | 10642    | 0.690 | ug/l    | 97       |
| 9) 1,1-Dichloroethene        | 2.557  | 96   | 11343    | 0.759 | ug/l    | 86       |
| 10) Iodomethane              | 2.695  | 142  | 10131    | 0.457 | ug/l    | 92       |
| 11) Allyl Chloride           | 2.894  | 41   | 15915    | 0.682 | ug/l    | 100      |
| 12) Acrylonitrile            | 3.290  | 53   | 5159     | 1.396 | ug/l    | 89       |
| 13) Acetone                  | 2.605  | 43   | 19082    | 2.924 | ug/l    | 95       |
| 14) Carbon Disulfide         | 2.766  | 76   | 23988    | 0.570 | ug/l    | 97       |
| 15) Methylene Chloride       | 3.013  | 84   | 15109    | 0.787 | ug/l    | 95       |
| 16) trans-1,2-Dichloroethene | 3.316  | 96   | 12335    | 0.749 | ug/l    | 98       |
| 17) 1,1-Dichloroethane       | 3.830  | 63   | 24421    | 0.748 | ug/l    | 99       |
| 18) 2-Butanone               | 4.695  | 43   | 20149    | 2.910 | ug/l    | 97       |
| 19) Cyclohexane              | 5.341  | 56   | 18014    | 0.722 | ug/l    | 98       |
| 20) Methylcyclohexane        | 6.727  | 83   | 21049    | 0.678 | ug/l    | 99       |
| 21) 2,2-Dichloropropane      | 4.627  | 77   | 18962    | 0.648 | ug/l    | 96       |
| 22) cis-1,2-Dichloroethene   | 4.631  | 96   | 14192    | 0.757 | ug/l    | 98       |
| 23) Diethyl Ether            | 2.357  | 59   | 8535     | 0.697 | ug/l    | 97       |
| 24) tert-Butyl Alcohol       | 3.177  | 59   | 14586    | 6.914 | ug/l    | # 92     |
| 25) Methyl tert-Butyl Ether  | 3.345  | 73   | 30736    | 0.702 | ug/l    | 98       |
| 26) Bromochloromethane       | 4.936  | 128  | 5677     | 0.718 | ug/l    | 98       |
| 27) Chloroform               | 5.052  | 83   | 24538    | 0.735 | ug/l    | 95       |
| 28) 1,1,1-Trichloroethane    | 5.274  | 97   | 19819    | 0.673 | ug/l    | 96       |
| 29) 1,1-Dichloropropene      | 5.486  | 75   | 18180    | 0.736 | ug/l    | 98       |
| 30) Carbon Tetrachloride     | 5.479  | 117  | 15434    | 0.662 | ug/l    | 97       |
| 31) Isopropyl Ether          | 3.971  | 45   | 36969    | 0.715 | ug/l    | 99       |
| 32) Ethyl-t-butyl ether      | 4.480  | 59   | 34315    | 0.689 | ug/l    | 100      |
| 33) Tert-Amyl methyl ether   | 5.926  | 73   | 29664    | 0.684 | ug/l    | 99       |
| 34) Propionitrile            | 4.756  | 54   | 5035     | 3.722 | ug/l    | # 88     |
| 35) Benzene                  | 5.737  | 78   | 51599    | 0.741 | ug/l    | 99       |
| 36) 1,2-Dichloroethane       | 5.762  | 62   | 15568    | 0.696 | ug/l    | 97       |
| 37) Trichloroethene          | 6.512  | 130  | 14868    | 0.749 | ug/l    | 91       |
| 38) 1,2-Dichloropropane      | 6.766  | 63   | 12904    | 0.662 | ug/l    | 99       |
| 39) Methacrylonitrile        | 4.959  | 41   | 4825     | 0.716 | ug/l    | # 85     |
| 40) Methyl acrylate          | 4.827  | 55   | 7207     | 0.737 | ug/l    | # 88     |
| 41) Tetrahydrofuran          | 5.039  | 42   | 5303     | 1.750 | ug/l    | 92       |
| 42) 1-Chlorobutane           | 5.418  | 56   | 23352    | 0.705 | ug/l    | 92       |
| 43) Dibromomethane           | 6.894  | 93   | 7026     | 0.697 | ug/l    | 96       |
| 44) Bromodichloromethane     | 7.081  | 83   | 14352    | 0.582 | ug/l    | 98       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU110725\  
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 Operator : MD/SY  
 Sample : Q3530-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

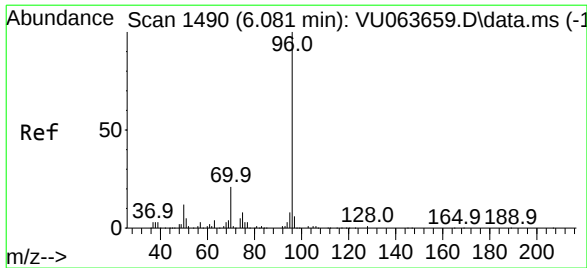
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-03-QT4-2025

Quant Time: Nov 08 02:34:25 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\524U103125DW.M  
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER  
 QLast Update : Mon Nov 03 00:51:51 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 4-Methyl-2-Pentanone      | 7.782  | 43   | 37234    | 3.061 | ug/l   | 97       |
| 46) t-1,4-Dichloro-2-butene   | 10.801 | 75   | 12125    | 2.874 | ug/l # | 51       |
| 47) Methyl methacrylate       | 6.952  | 69   | 12042    | 1.298 | ug/l   | 93       |
| 48) Ethyl methacrylate        | 8.319  | 69   | 11472    | 0.608 | ug/l   | 99       |
| 49) Toluene                   | 7.942  | 92   | 30893    | 0.658 | ug/l   | 100      |
| 50) t-1,3-Dichloropropene     | 8.190  | 75   | 11659    | 0.544 | ug/l   | 95       |
| 51) cis-1,3-Dichloropropene   | 7.585  | 75   | 15080    | 0.563 | ug/l   | 98       |
| 52) 1,1,2-Trichloroethane     | 8.376  | 97   | 9281     | 0.677 | ug/l   | 97       |
| 53) 1,3-Dichloropropane       | 8.553  | 76   | 16517    | 0.674 | ug/l   | 96       |
| 54) 2-Hexanone                | 8.679  | 43   | 27010    | 2.630 | ug/l   | 98       |
| 55) Dibromochloromethane      | 8.788  | 129  | 8479     | 0.525 | ug/l   | 99       |
| 56) 1,2-Dibromoethane         | 8.901  | 107  | 8184     | 0.627 | ug/l   | 99       |
| 58) Tetrachloroethene         | 8.524  | 164  | 13746    | 0.708 | ug/l   | 95       |
| 59) Chlorobenzene             | 9.425  | 112  | 34210    | 0.671 | ug/l   | 100      |
| 60) 1,1,1,2-Tetrachloroethane | 9.508  | 131  | 10846    | 0.608 | ug/l   | 96       |
| 61) Pentachloroethane         | 11.402 | 117  | 6970     | 0.563 | ug/l   | 95       |
| 62) Hexachloroethane          | 12.450 | 117  | 6279     | 0.463 | ug/l   | 93       |
| 63) Ethyl Benzene             | 9.547  | 91   | 60404    | 0.654 | ug/l   | 97       |
| 64) m/p-Xylenes               | 9.669  | 106  | 46028    | 1.336 | ug/l   | 97       |
| 65) o-Xylene                  | 10.077 | 106  | 22295    | 0.660 | ug/l   | 98       |
| 66) Styrene                   | 10.093 | 104  | 34943    | 0.638 | ug/l   | 98       |
| 67) Bromoform                 | 10.267 | 173  | 4200     | 0.482 | ug/l   | 98       |
| 69) Isopropylbenzene          | 10.460 | 105  | 54366    | 0.652 | ug/l   | 100      |
| 70) 1,1,2,2-Tetrachloroethane | 10.759 | 83   | 11038    | 0.641 | ug/l   | 99       |
| 71) 1,2,3-Trichloropropane    | 10.801 | 75   | 12125    | 0.809 | ug/l # | 90       |
| 72) Bromobenzene              | 10.762 | 156  | 13827    | 0.686 | ug/l   | 87       |
| 73) n-propylbenzene           | 10.881 | 120  | 15646    | 0.660 | ug/l   | 93       |
| 74) 2-Chlorotoluene           | 10.962 | 126  | 14406    | 0.702 | ug/l   | 94       |
| 75) 1,3,5-Trimethylbenzene    | 11.064 | 105  | 48393    | 0.628 | ug/l   | 99       |
| 76) 4-Chlorotoluene           | 11.077 | 126  | 13876    | 0.673 | ug/l   | 96       |
| 77) tert-Butylbenzene         | 11.396 | 119  | 48555    | 0.643 | ug/l   | 99       |
| 78) 1,2,4-Trimethylbenzene    | 11.444 | 105  | 47293    | 0.639 | ug/l   | 98       |
| 79) sec-Butylbenzene          | 11.618 | 105  | 64000    | 0.644 | ug/l   | 99       |
| 80) Nitrobenzene              | 13.170 | 77   | 129      | 0.213 | ug/l # | 42       |
| 81) p-Isopropyltoluene        | 11.769 | 119  | 52228    | 0.642 | ug/l   | 99       |
| 82) 1,3-Dichlorobenzene       | 11.724 | 146  | 26626    | 0.682 | ug/l   | 98       |
| 83) 1,4-Dichlorobenzene       | 11.814 | 146  | 28221    | 0.727 | ug/l   | 98       |
| 84) n-Butylbenzene            | 12.187 | 91   | 46170    | 0.633 | ug/l   | 99       |
| 85) 1,2-Dichlorobenzene       | 12.190 | 146  | 25814    | 0.699 | ug/l   | 98       |
| 86) 1,2-Dibromo-3-Chloropr... | 12.971 | 75   | 1429     | 0.501 | ug/l # | 83       |
| 87) 1,2,4-Trichlorobenzene    | 13.817 | 180  | 15150    | 0.666 | ug/l   | 97       |
| 88) Hexachlorobutadiene       | 13.994 | 225  | 9426     | 0.696 | ug/l   | 98       |
| 89) Naphthalene               | 14.068 | 128  | 28940    | 0.661 | ug/l   | 98       |
| 90) 1,2,3-Trichlorobenzene    | 14.306 | 180  | 13959    | 0.671 | ug/l   | 97       |

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

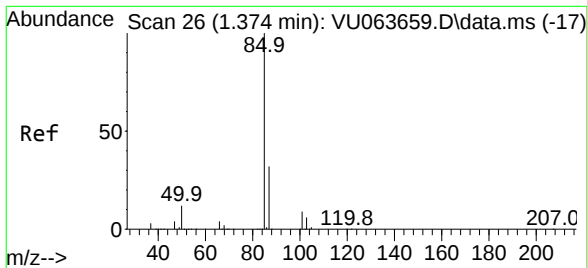
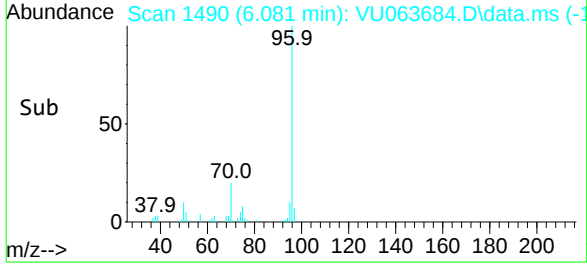
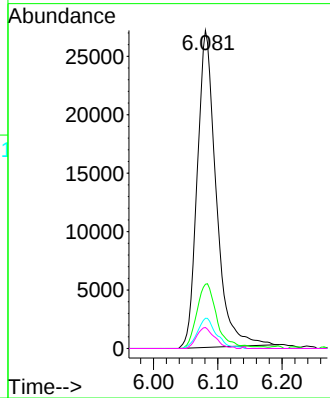
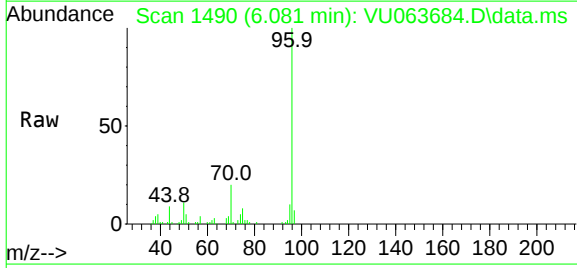




#1  
Fluorobenzene  
Concen: 1.000 ug/l  
RT: 6.081 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

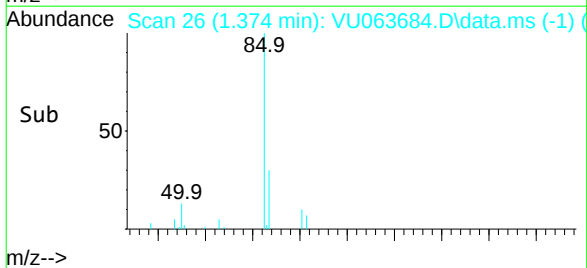
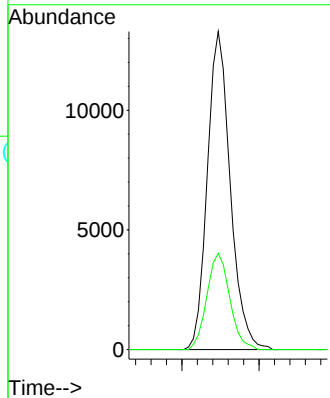
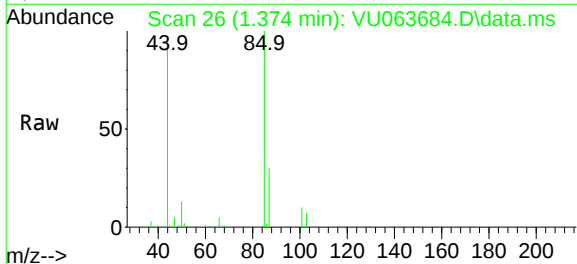
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

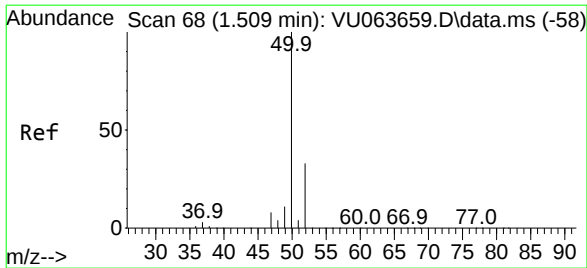
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|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 55403 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 70       | 20.1  | 15.3  | 22.9  |
| 95       | 9.7   | 6.5   | 9.7   |
| 97       | 6.3   | 0.0   | 0.0   |



#2  
Dichlorodifluoromethane  
Concen: 0.657 ug/l  
RT: 1.374 min Scan# 26  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 85    | Resp: | 13708 |
| Ion      | Ratio | Lower | Upper |
| 85       | 100   |       |       |
| 87       | 30.3  | 16.0  | 47.9  |

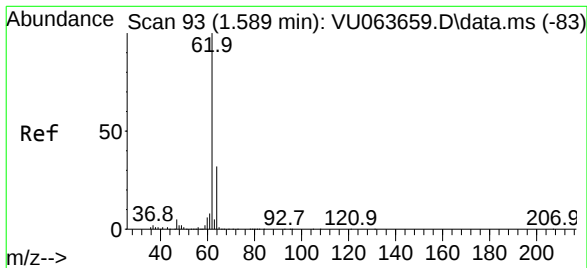
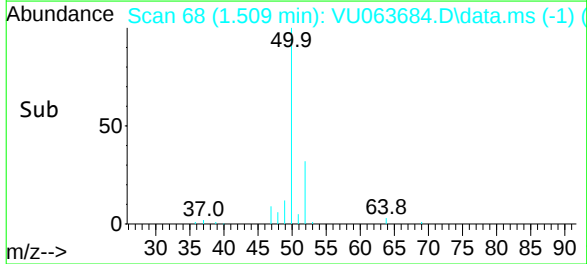
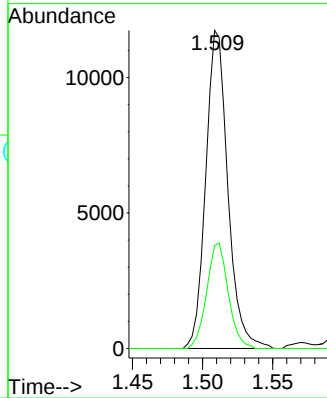
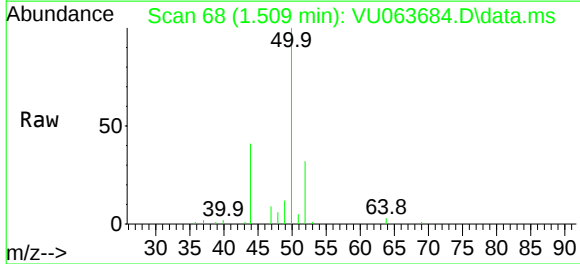




#3  
Chloromethane  
Concen: 0.655 ug/l  
RT: 1.509 min Scan# 68  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

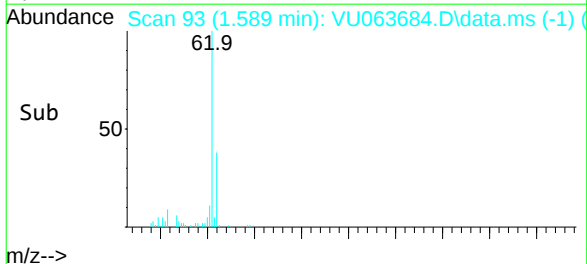
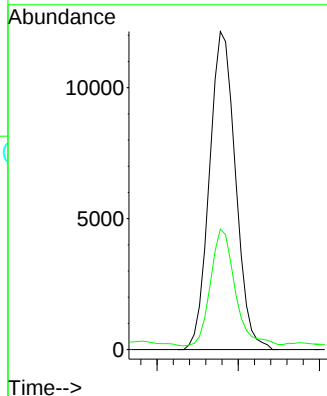
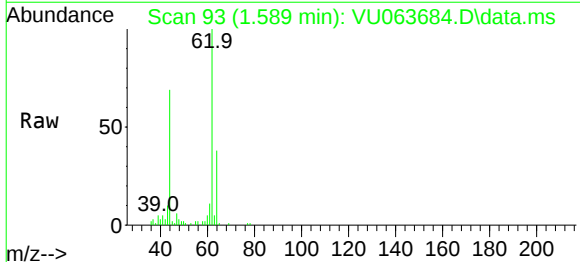
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

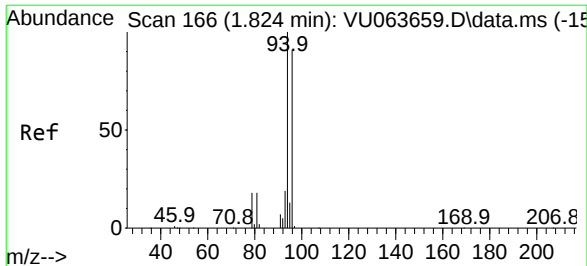
Tgt Ion: 50 Resp: 12842  
Ion Ratio Lower Upper  
50 100  
52 32.4 26.6 40.0



#4  
Vinyl Chloride  
Concen: 0.680 ug/l  
RT: 1.589 min Scan# 93  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

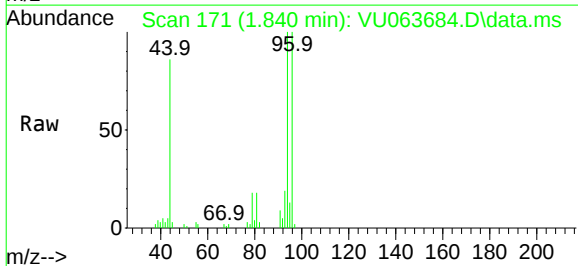
Tgt Ion: 62 Resp: 13565  
Ion Ratio Lower Upper  
62 100  
64 36.6 25.2 37.8



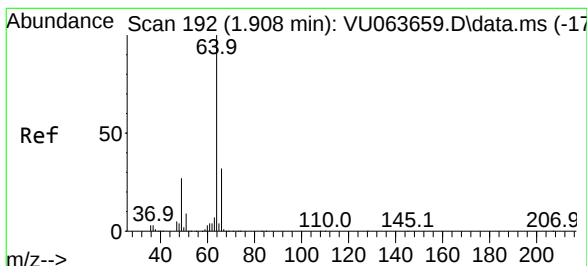
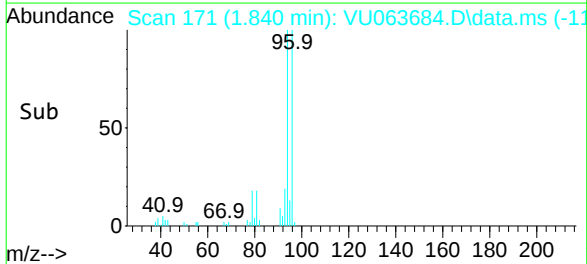
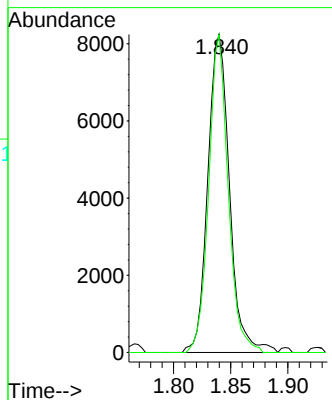


#5  
Bromomethane  
Concen: 0.903 ug/l  
RT: 1.840 min Scan# 171  
Delta R.T. 0.016 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Instrument :  
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ClientSampleId :  
MDL-WATER-03-QT4-2025

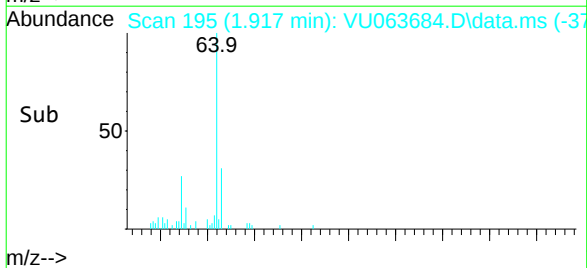
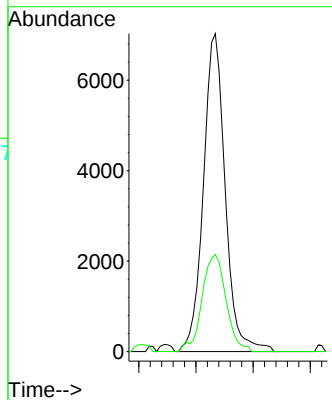
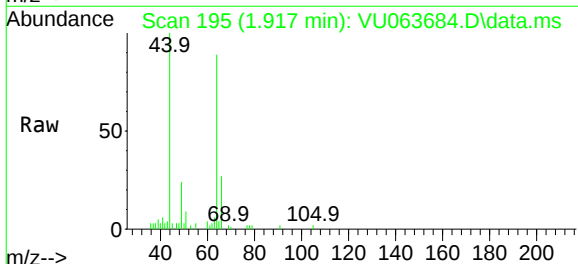


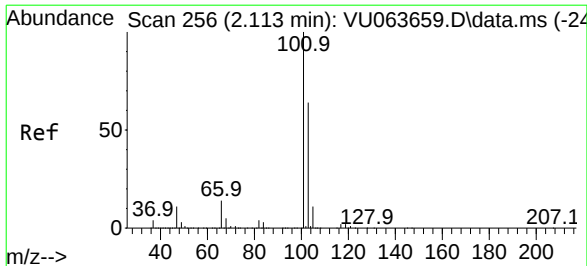
Tgt Ion: 94 Resp: 10883  
Ion Ratio Lower Upper  
94 100  
96 99.8 73.0 109.6



#6  
Chloroethane  
Concen: 0.761 ug/l  
RT: 1.917 min Scan# 195  
Delta R.T. 0.009 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion: 64 Resp: 9319  
Ion Ratio Lower Upper  
64 100  
66 30.5 25.4 38.2





#7

Trichlorofluoromethane

Concen: 0.723 ug/l

RT: 2.119 min Scan# 256

Delta R.T. 0.006 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

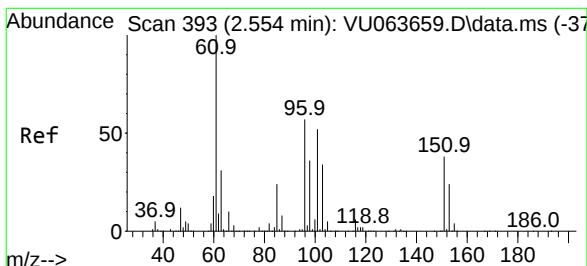
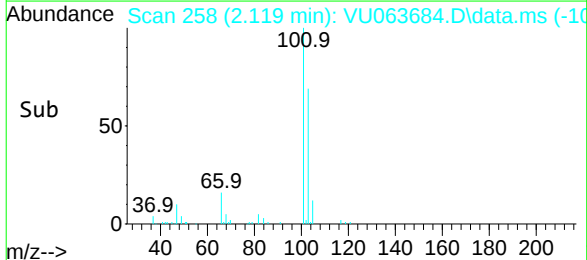
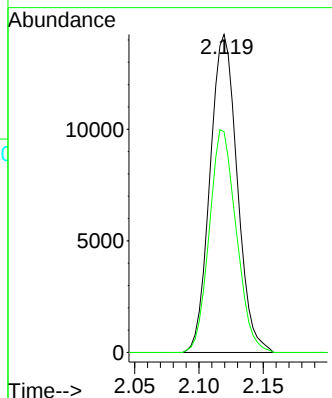
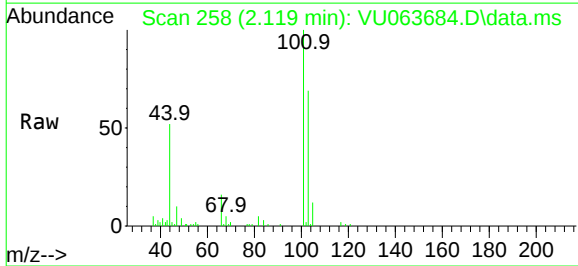
MDL-WATER-03-QT4-2025

Tgt Ion:101 Resp: 20983

Ion Ratio Lower Upper

101 100

103 69.4 51.0 76.6



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.690 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

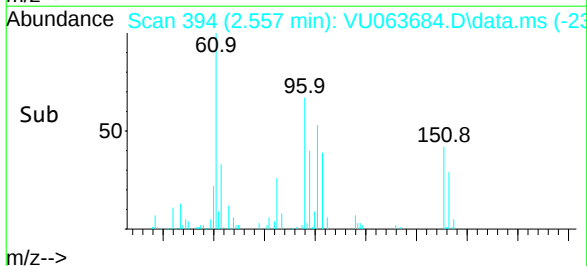
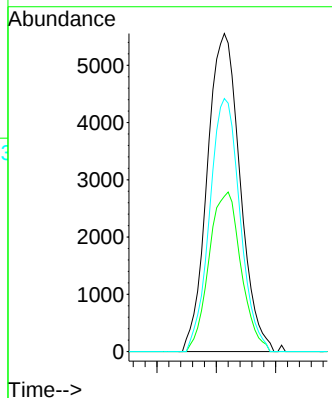
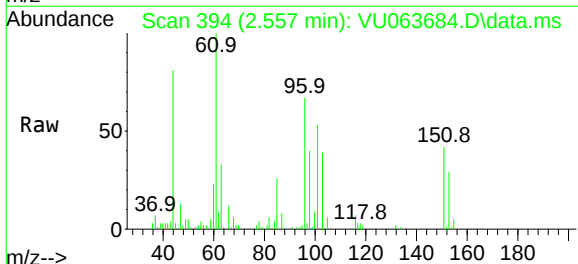
Tgt Ion:101 Resp: 10642

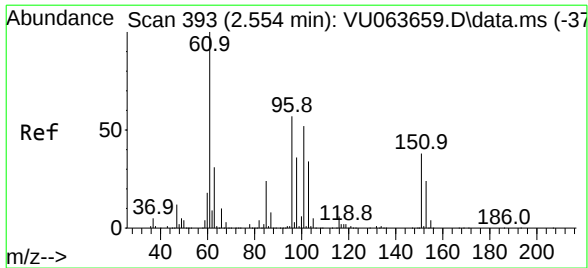
Ion Ratio Lower Upper

101 100

85 48.9 37.0 55.4

151 73.8 57.2 85.8

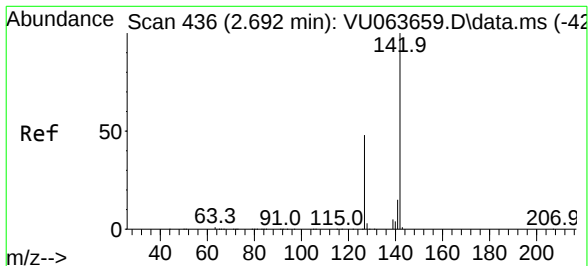
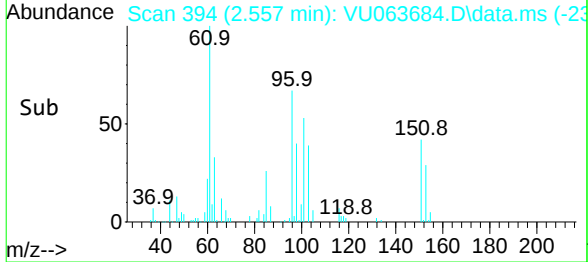
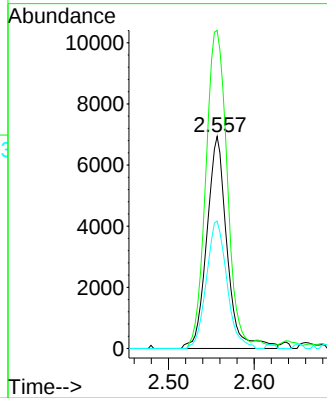
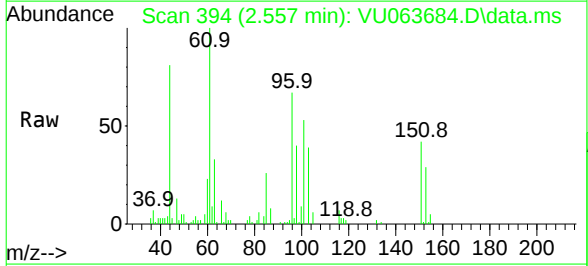




#9  
1,1-Dichloroethene  
Concen: 0.759 ug/l  
RT: 2.557 min Scan# 39  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

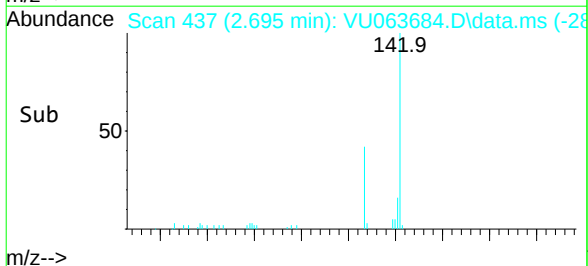
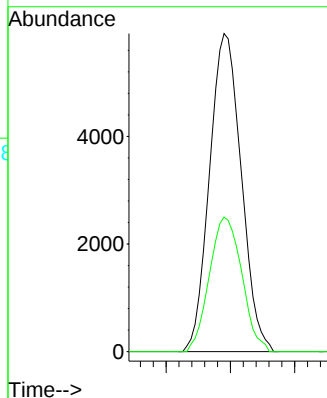
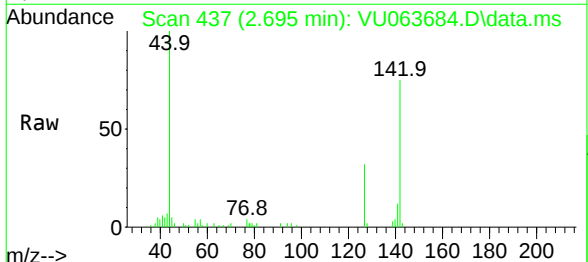
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

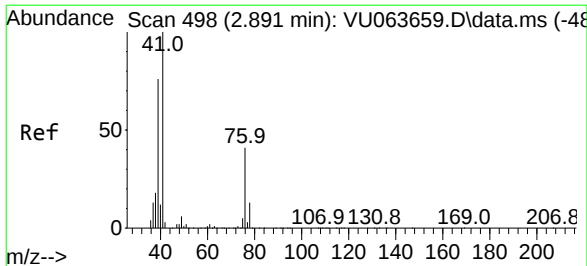
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.0 | 0.0   | 524.7 |
| 98      | 60.1  | 0.0   | 126.8 |



#10  
Iodomethane  
Concen: 0.457 ug/l  
RT: 2.695 min Scan# 437  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 43.2  | 38.6  | 58.0  |

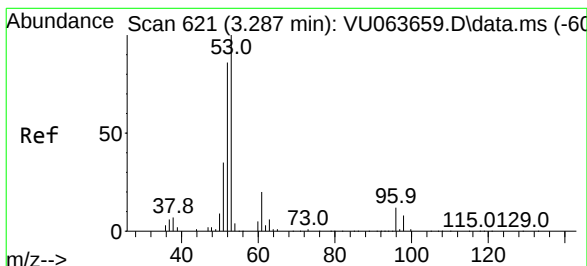
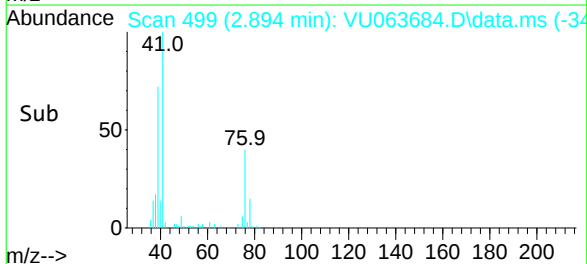
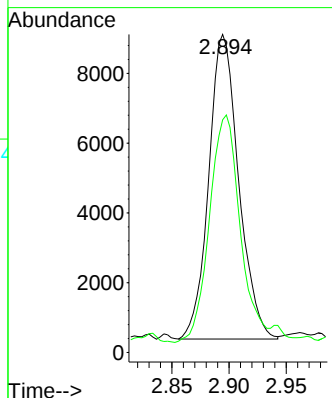
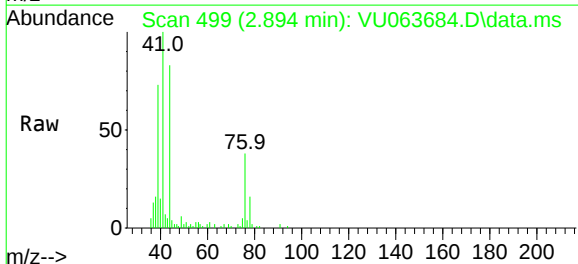




#11  
 Allyl Chloride  
 Concen: 0.682 ug/l  
 RT: 2.894 min Scan# 49  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

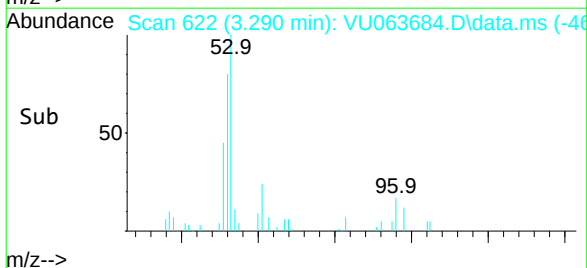
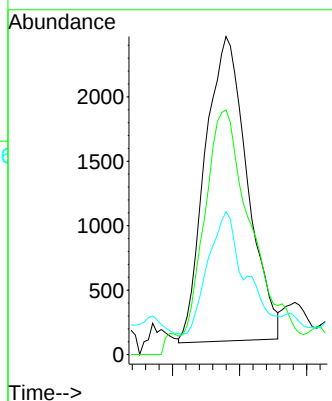
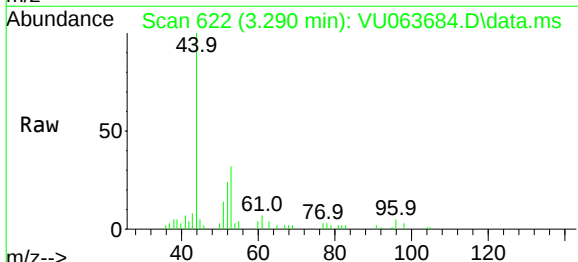
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-03-QT4-2025

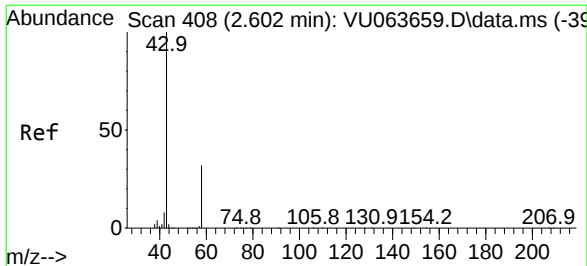
Tgt Ion: 41 Resp: 15915  
 Ion Ratio Lower Upper  
 41 100  
 39 76.3 61.0 91.4



#12  
 Acrylonitrile  
 Concen: 1.396 ug/l  
 RT: 3.290 min Scan# 622  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

Tgt Ion: 53 Resp: 5159  
 Ion Ratio Lower Upper  
 53 100  
 52 95.0 65.4 98.0  
 51 36.2 27.6 41.4





#13

Acetone

Concen: 2.924 ug/l

RT: 2.605 min Scan# 408

Delta R.T. 0.003 min

Lab File: VU063684.D

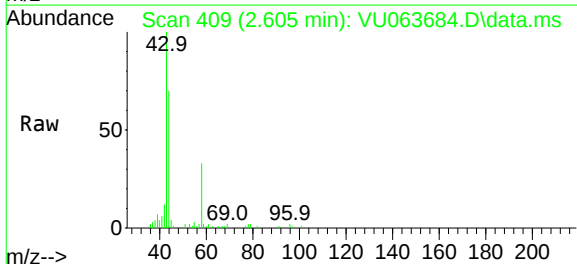
Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

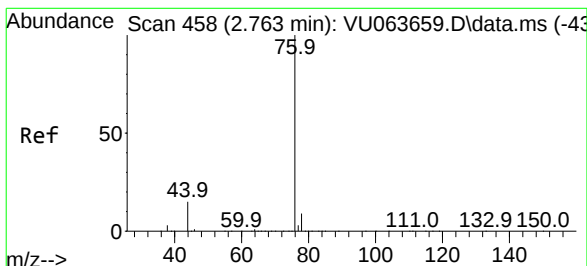
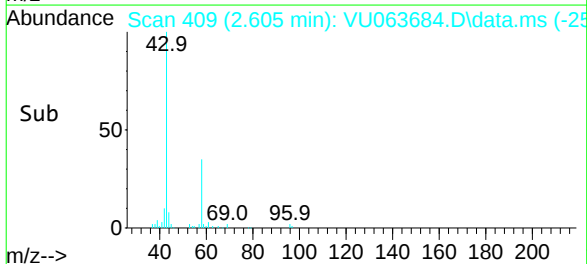
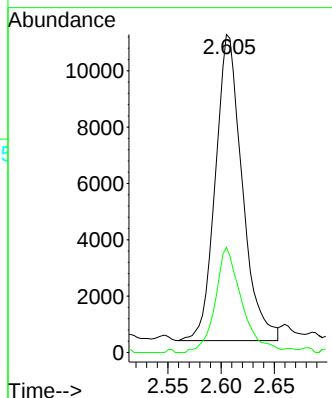


Tgt Ion: 43 Resp: 19082

Ion Ratio Lower Upper

43 100

58 34.3 25.2 37.8



#14

Carbon Disulfide

Concen: 0.570 ug/l

RT: 2.766 min Scan# 459

Delta R.T. 0.003 min

Lab File: VU063684.D

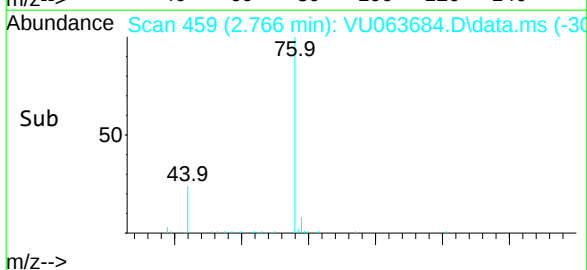
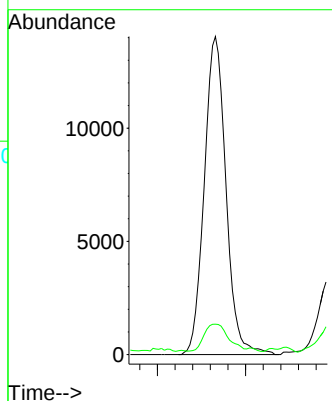
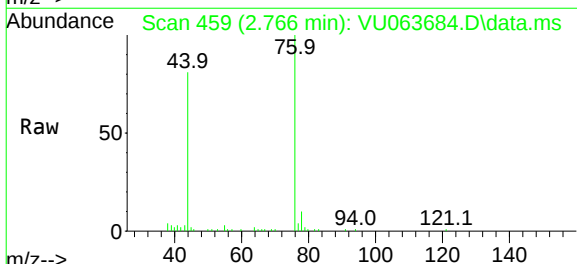
Acq: 07 Nov 2025 13:58

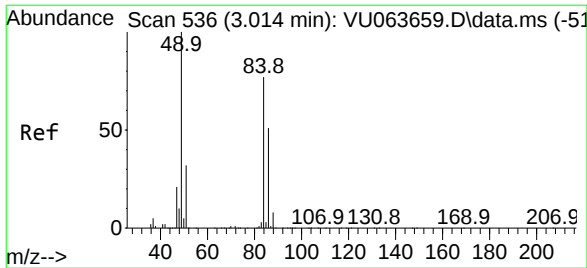
Tgt Ion: 76 Resp: 23988

Ion Ratio Lower Upper

76 100

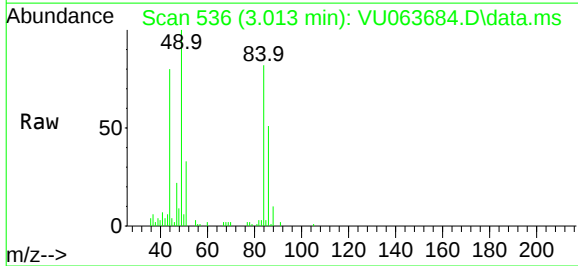
78 8.3 7.5 11.3



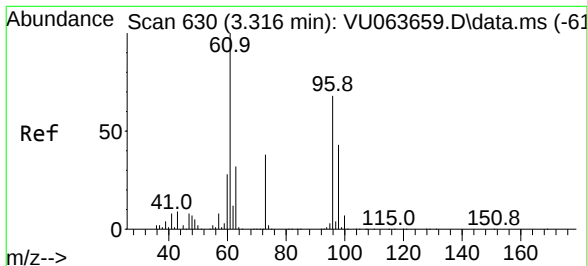
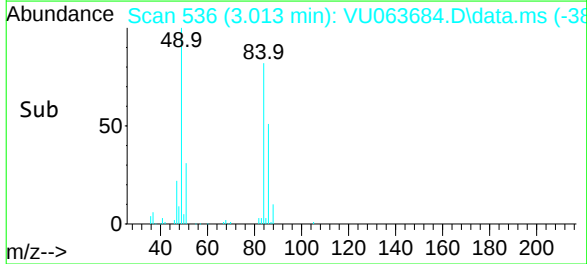
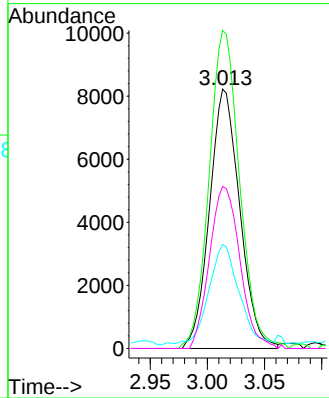


#15  
Methylene Chloride  
Concen: 0.787 ug/l  
RT: 3.013 min Scan# 53  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

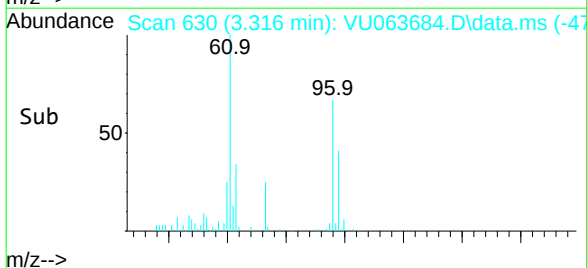
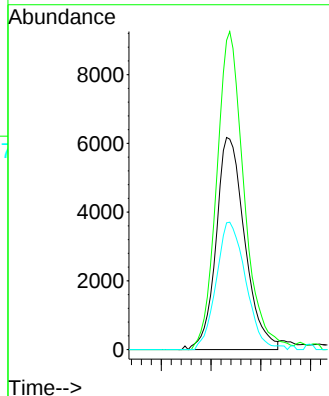
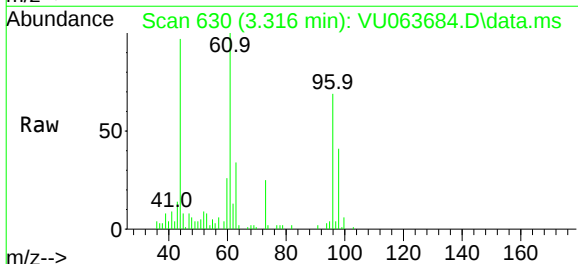


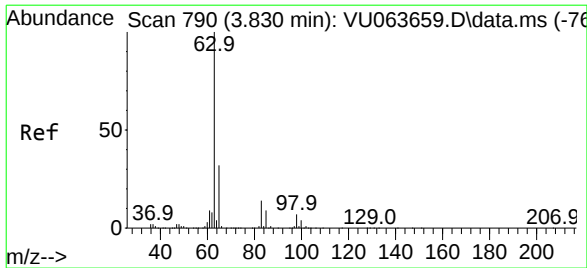
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 15109 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 122.6 | 103.4 | 155.0 |
| 51       | 37.7  | 0.0   | 81.6  |
| 86       | 62.5  | 52.5  | 78.7  |



#16  
trans-1,2-Dichloroethene  
Concen: 0.749 ug/l  
RT: 3.316 min Scan# 630  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 12335 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.8 | 117.4 | 176.2 |
| 98       | 59.8  | 49.9  | 74.9  |

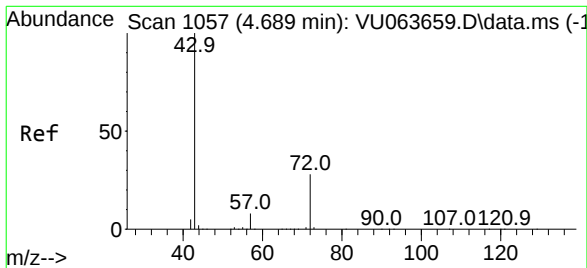
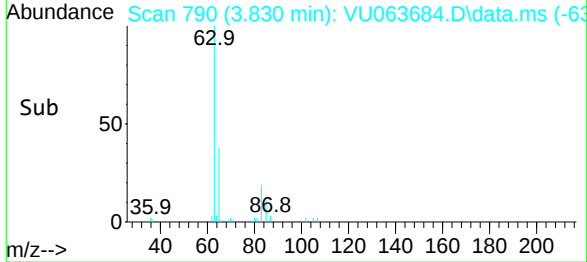
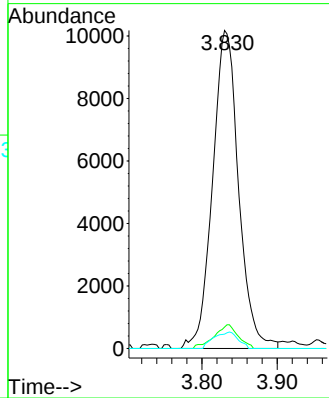
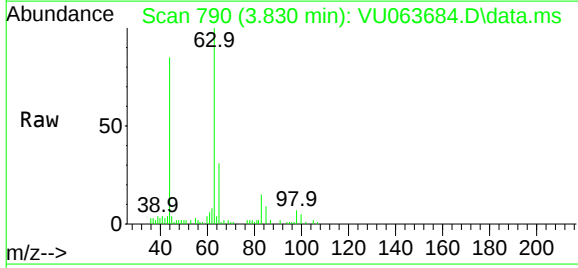




#17  
1,1-Dichloroethane  
Concen: 0.748 ug/l  
RT: 3.830 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

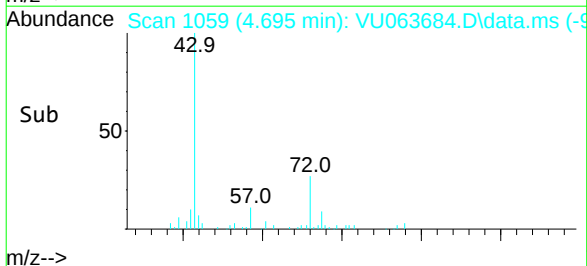
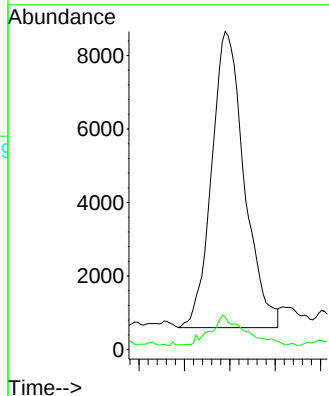
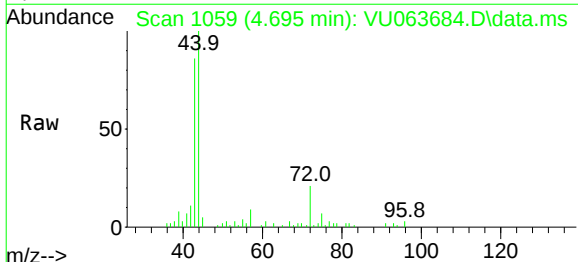
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

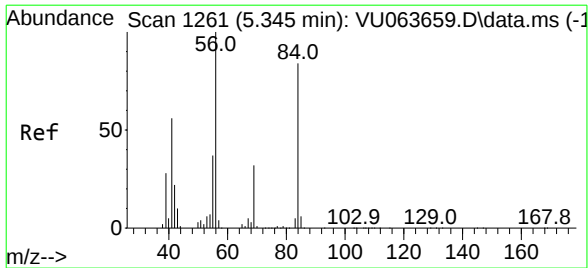
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 24421 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 98       | 6.7   | 3.5   | 10.5  |
| 100      | 4.5   | 2.2   | 6.6   |



#18  
2-Butanone  
Concen: 2.910 ug/l  
RT: 4.695 min Scan# 1059  
Delta R.T. 0.006 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 20149 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 57       | 9.3   | 0.0   | 16.6  |

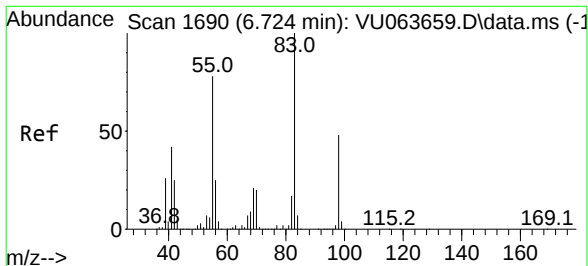
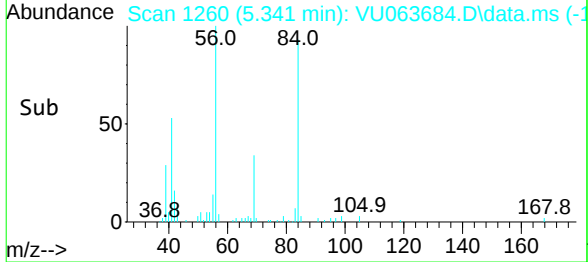
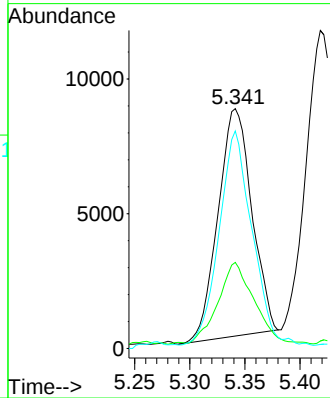
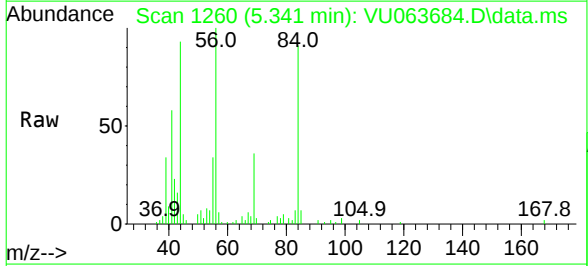




#19  
Cyclohexane  
Concen: 0.722 ug/l  
RT: 5.341 min Scan# 1261  
Delta R.T. -0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

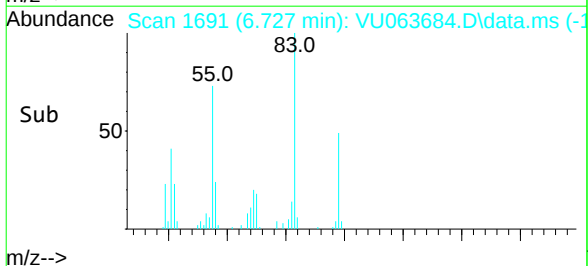
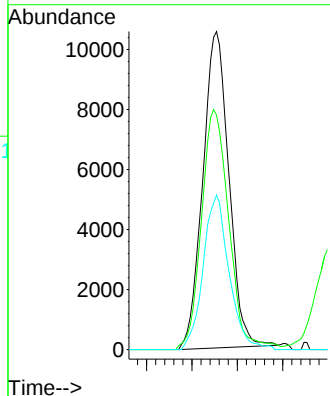
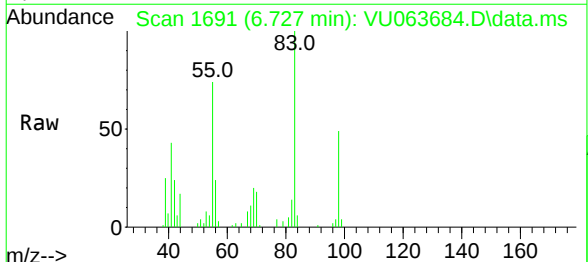
Instrument : MSVOA\_U  
ClientSampleId : MDL-WATER-03-QT4-2025

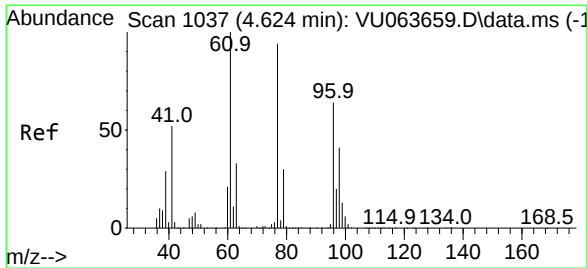
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 18014 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 37.7  | 27.1  | 40.7  |
| 84       | 91.9  | 73.4  | 110.0 |



#20  
Methylcyclohexane  
Concen: 0.678 ug/l  
RT: 6.727 min Scan# 1691  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 21049 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 77.9  | 61.5  | 92.3  |
| 98       | 48.5  | 37.9  | 56.9  |





#21

2,2-Dichloropropane

Concen: 0.648 ug/l

RT: 4.627 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

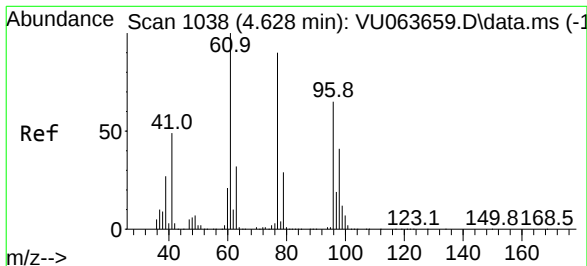
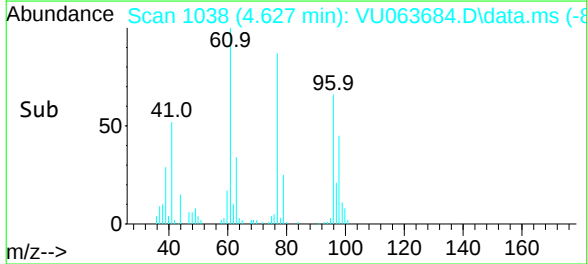
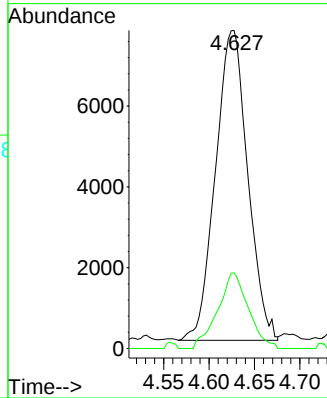
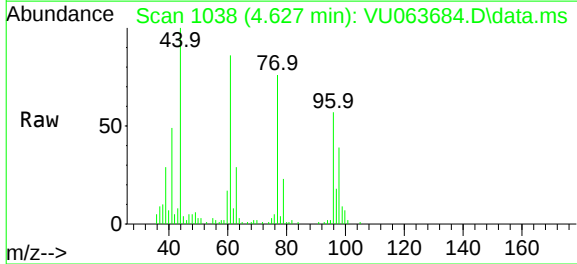
MDL-WATER-03-QT4-2025

Tgt Ion: 77 Resp: 18962

Ion Ratio Lower Upper

77 100

97 23.1 17.1 25.7



#22

cis-1,2-Dichloroethene

Concen: 0.757 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

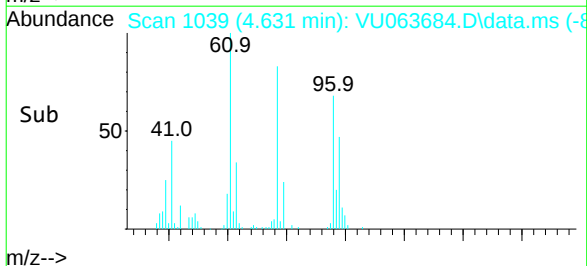
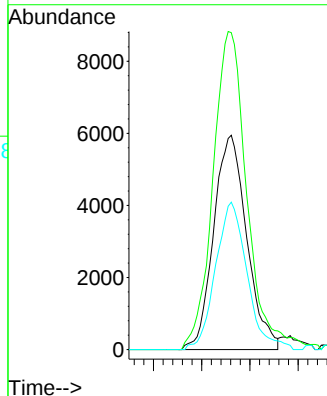
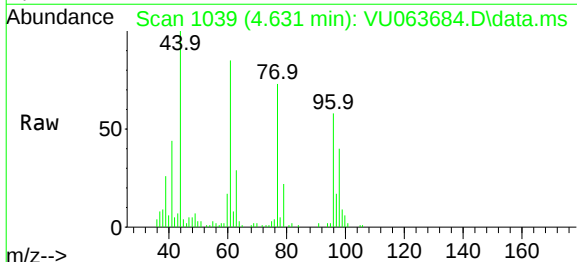
Tgt Ion: 96 Resp: 14192

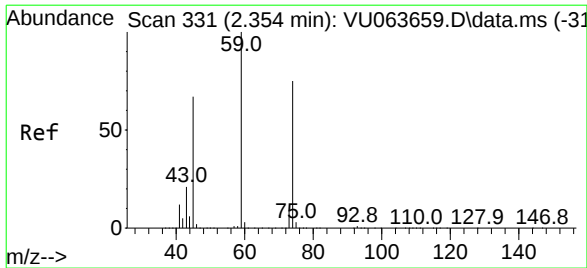
Ion Ratio Lower Upper

96 100

61 151.8 0.0 385.0

98 65.4 31.3 93.9





#23

Diethyl Ether

Concen: 0.697 ug/l

RT: 2.357 min Scan# 33

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

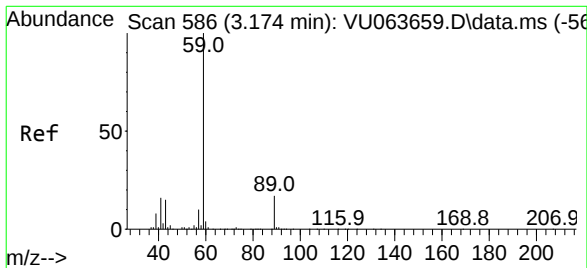
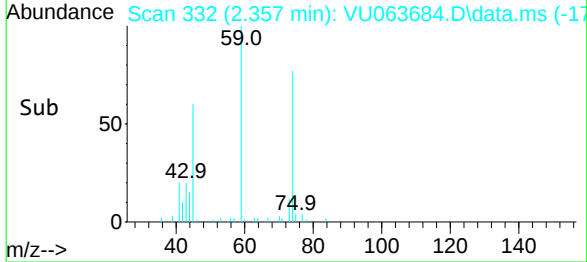
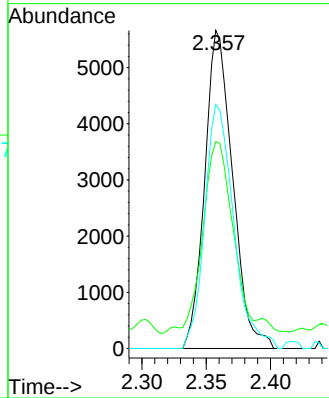
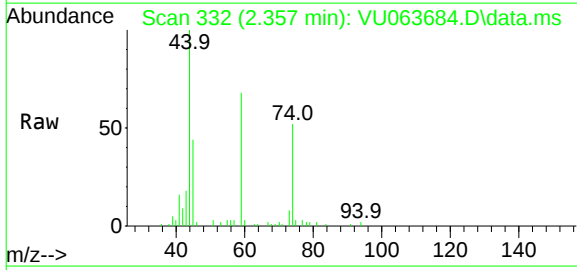
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

|             |             |
|-------------|-------------|
| Tgt Ion: 59 | Resp: 8535  |
| Ion Ratio   | Lower Upper |
| 59 100      |             |
| 45 65.5     | 52.6 78.8   |
| 74 79.6     | 59.4 89.2   |



#24

tert-Butyl Alcohol

Concen: 6.914 ug/l

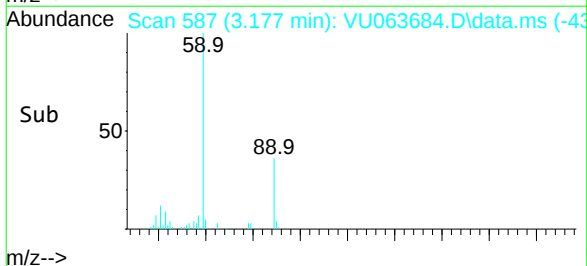
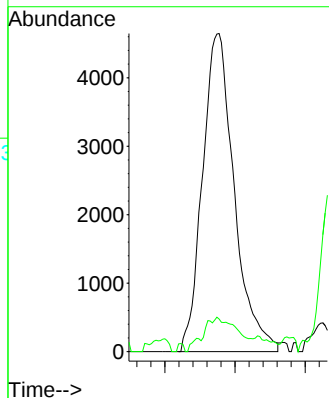
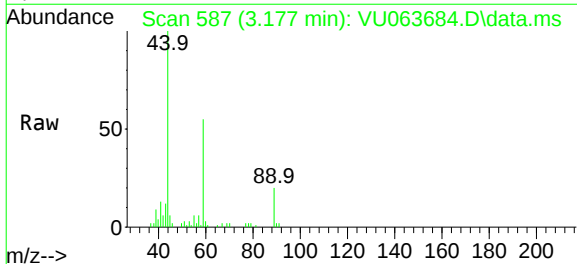
RT: 3.177 min Scan# 587

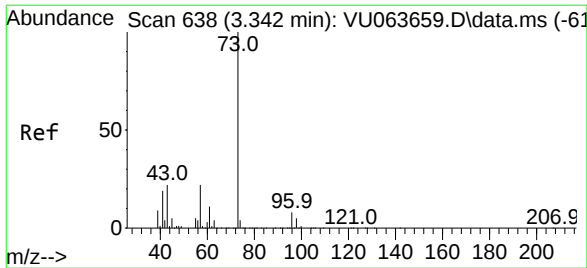
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

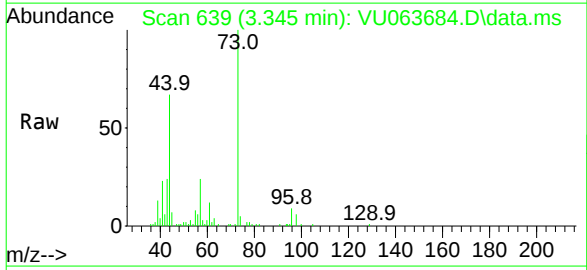
|             |             |
|-------------|-------------|
| Tgt Ion: 59 | Resp: 14586 |
| Ion Ratio   | Lower Upper |
| 59 100      |             |
| 57 11.8     | 7.2 10.8#   |



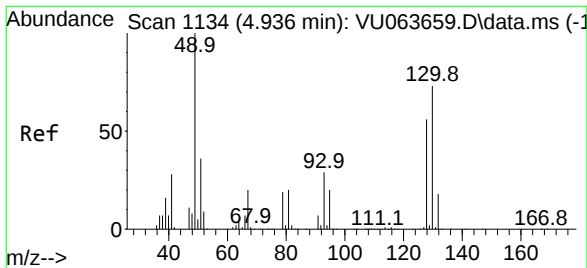
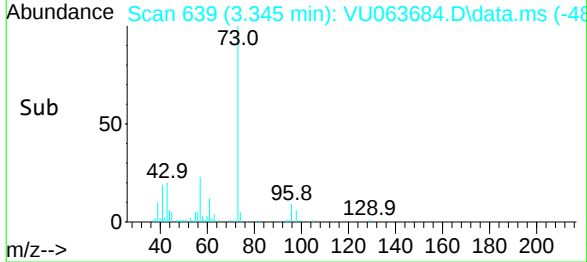
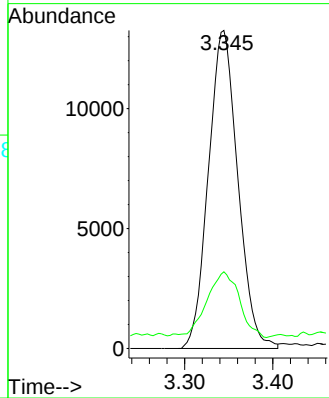


#25  
Methyl tert-Butyl Ether  
Concen: 0.702 ug/l  
RT: 3.345 min Scan# 638  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

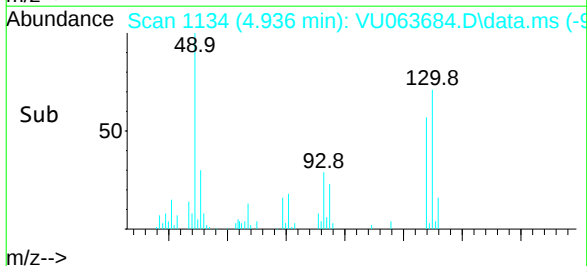
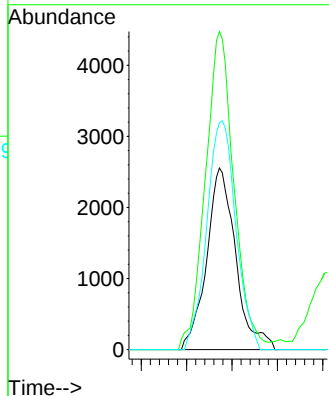
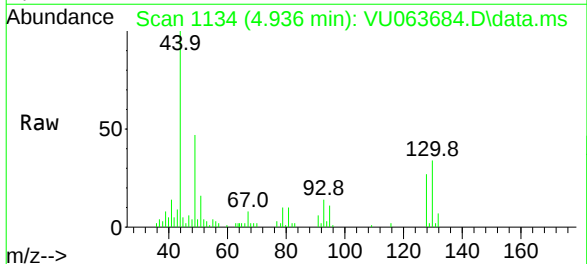


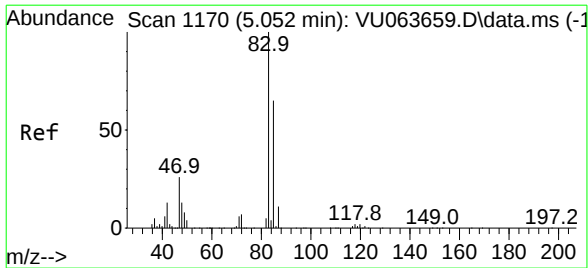
Tgt Ion: 73 Resp: 30736  
Ion Ratio Lower Upper  
73 100  
43 22.8 17.4 26.0



#26  
Bromochloromethane  
Concen: 0.718 ug/l  
RT: 4.936 min Scan# 1134  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion: 128 Resp: 5677  
Ion Ratio Lower Upper  
128 100  
49 172.1 0.0 349.6  
130 126.4 102.7 154.1

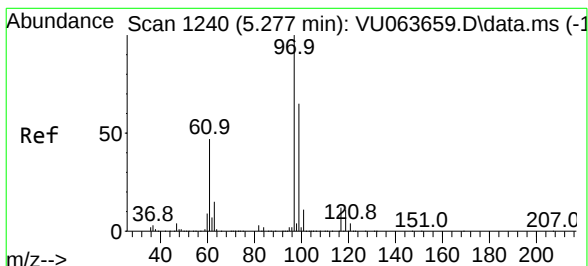
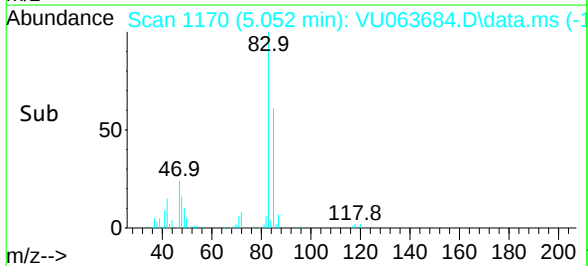
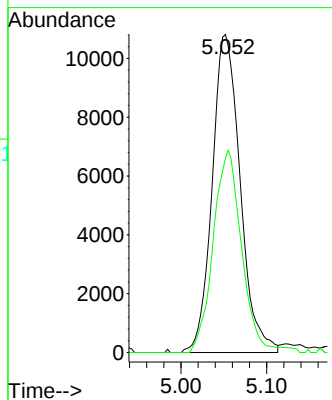
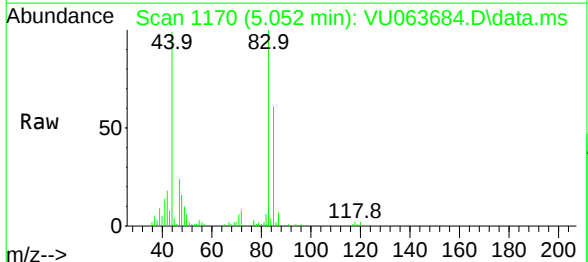




#27  
 Chloroform  
 Concen: 0.735 ug/l  
 RT: 5.052 min Scan# 1170  
 Delta R.T. -0.000 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

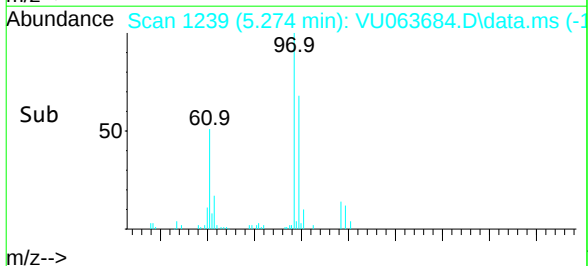
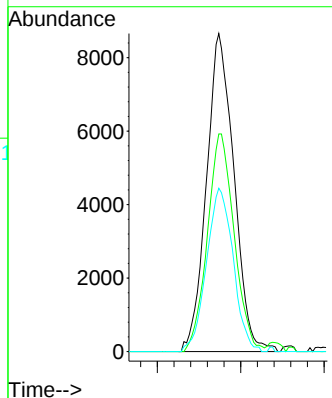
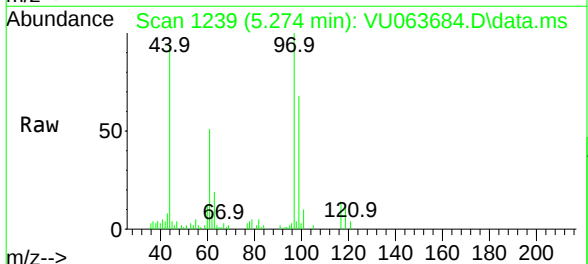
Instrument : MSVOA\_U  
 ClientSampleId : MDL-WATER-03-QT4-2025

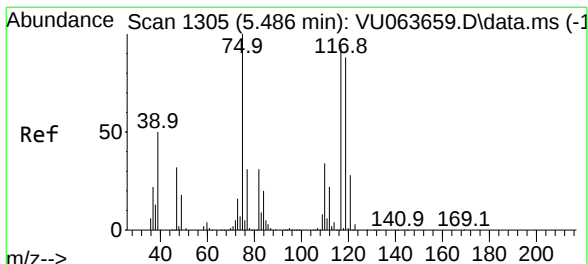
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 24538 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.1  | 0.0   | 130.8 |



#28  
 1,1,1-Trichloroethane  
 Concen: 0.673 ug/l  
 RT: 5.274 min Scan# 1239  
 Delta R.T. -0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 19819 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 66.7  | 32.3  | 96.8  |
| 61       | 49.8  | 23.3  | 69.8  |

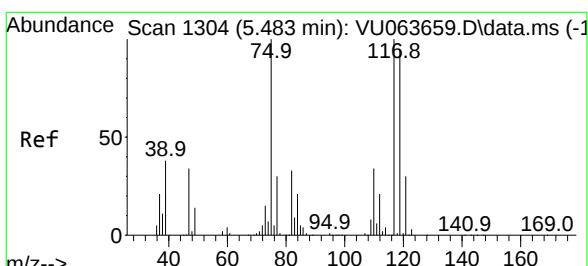
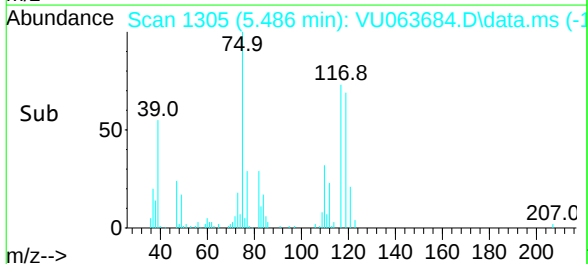
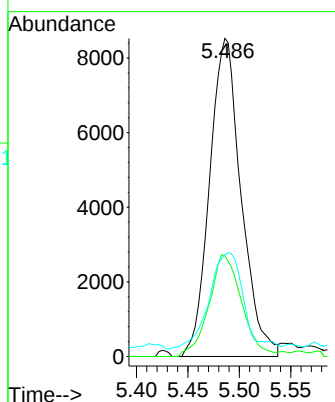
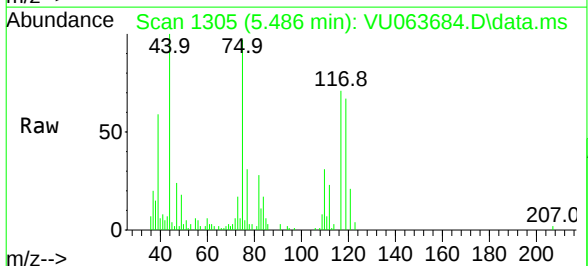




#29  
 1,1-Dichloropropene  
 Concen: 0.736 ug/l  
 RT: 5.486 min Scan# 1305  
 Delta R.T. -0.000 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

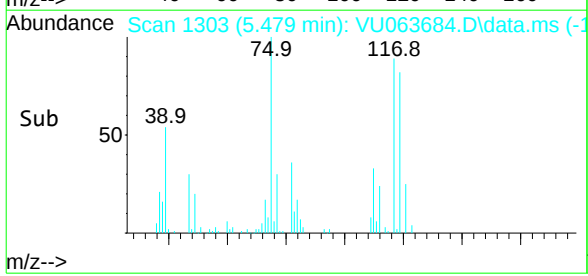
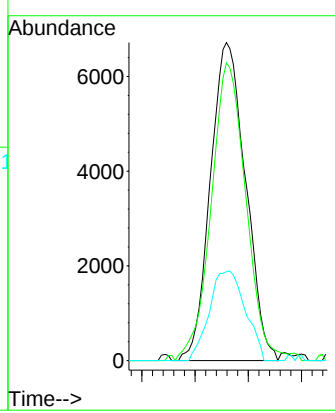
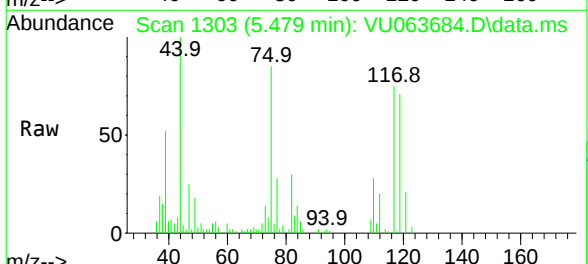
Instrument : MSVOA\_U  
 ClientSampleId : MDL-WATER-03-QT4-2025

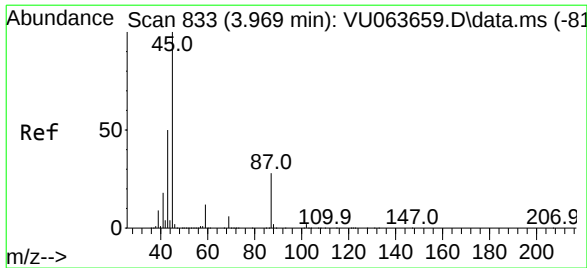
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 18180 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 110       | 33.0  | 17.2  | 51.5  |
| 77        | 31.0  | 24.5  | 36.7  |



#30  
 Carbon Tetrachloride  
 Concen: 0.662 ug/l  
 RT: 5.479 min Scan# 1303  
 Delta R.T. -0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 15434 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 91.8  | 75.7  | 113.5 |
| 121       | 27.9  | 23.8  | 35.6  |

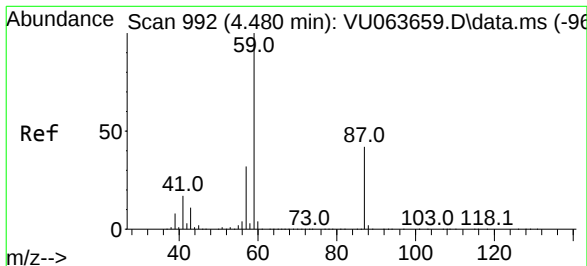
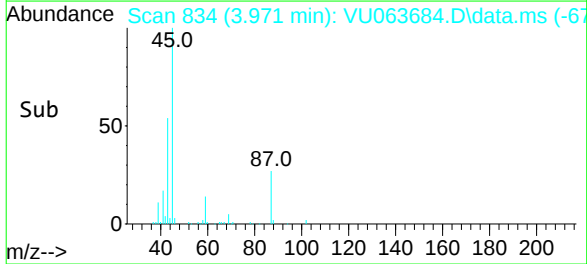
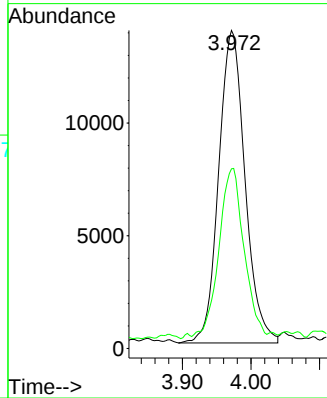
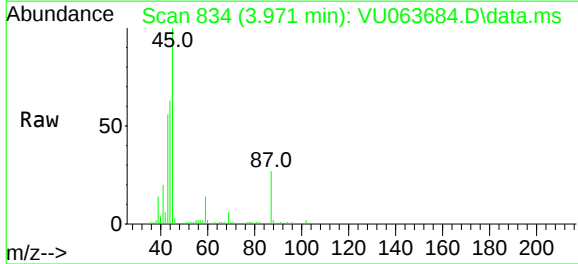




#31  
Isopropyl Ether  
Concen: 0.715 ug/l  
RT: 3.971 min Scan# 833  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

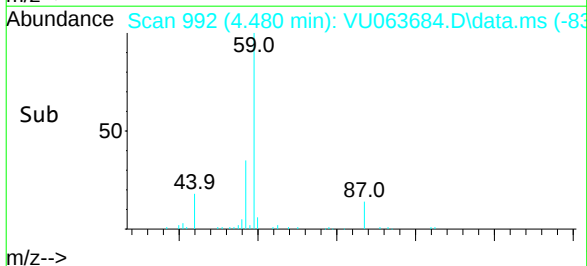
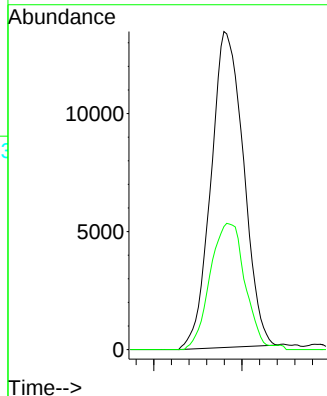
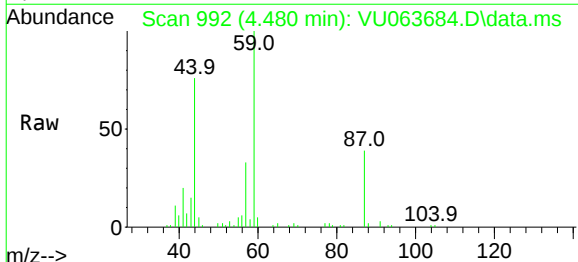
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

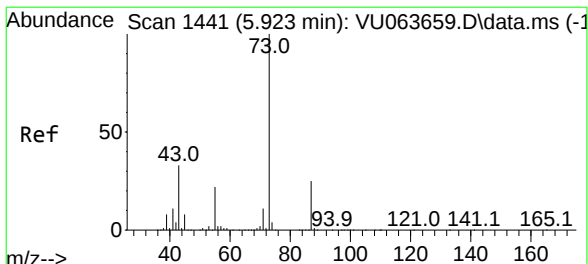
Tgt Ion: 45 Resp: 36969  
Ion Ratio Lower Upper  
45 100  
43 51.0 25.3 75.9



#32  
Ethyl-t-butyl ether  
Concen: 0.689 ug/l  
RT: 4.480 min Scan# 992  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

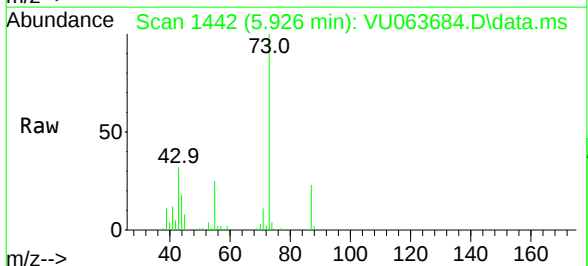
Tgt Ion: 59 Resp: 34315  
Ion Ratio Lower Upper  
59 100  
87 41.2 33.0 49.6



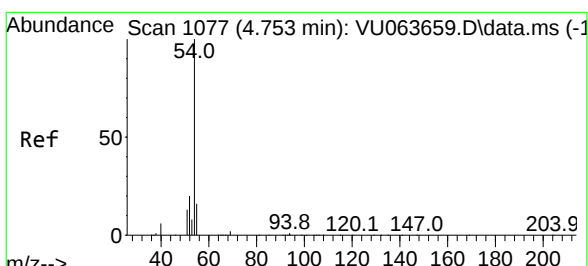
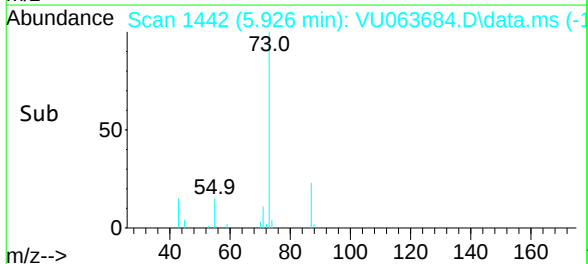
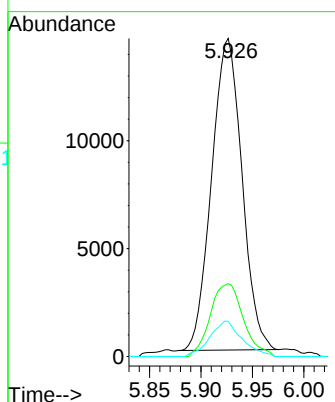


#33  
 Tert-Amyl methyl ether  
 Concen: 0.684 ug/l  
 RT: 5.926 min Scan# 1442  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

Instrument : MSVOA\_U  
 ClientSampleId : MDL-WATER-03-QT4-2025

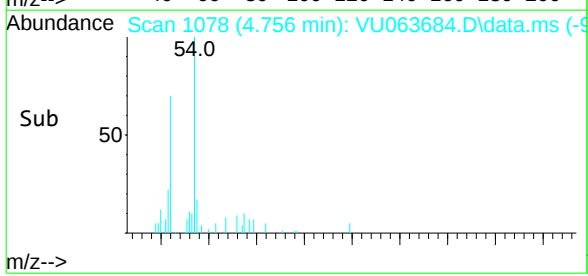
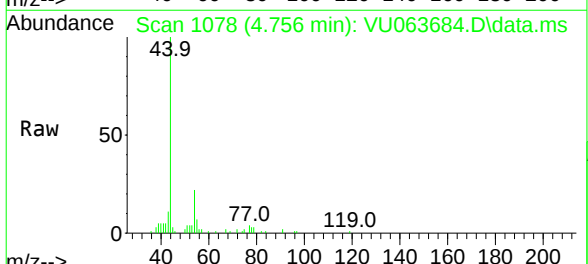
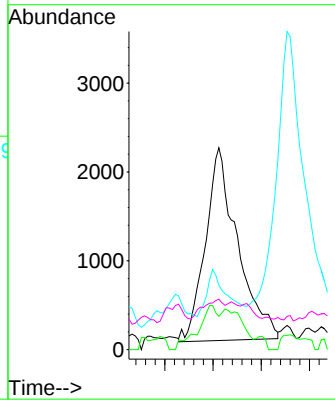


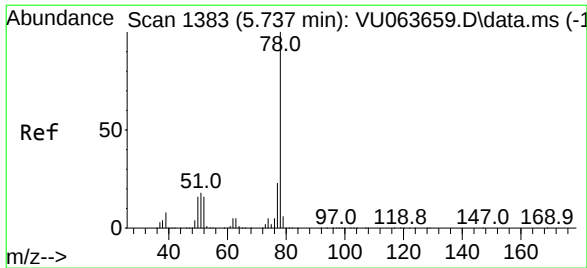
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 73    | Resp: | 29664 |
| Ion      | Ratio | Lower | Upper |
| 73       | 100   |       |       |
| 87       | 25.3  | 20.0  | 30.0  |
| 71       | 12.0  | 9.0   | 13.4  |



#34  
 Propionitrile  
 Concen: 3.722 ug/l  
 RT: 4.756 min Scan# 1078  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 54    | Resp: | 5035  |
| Ion      | Ratio | Lower | Upper |
| 54       | 100   |       |       |
| 52       | 14.3  | 15.8  | 23.6# |
| 55       | 21.2  | 11.3  | 16.9# |
| 40       | 6.4   | 6.2   | 9.4   |

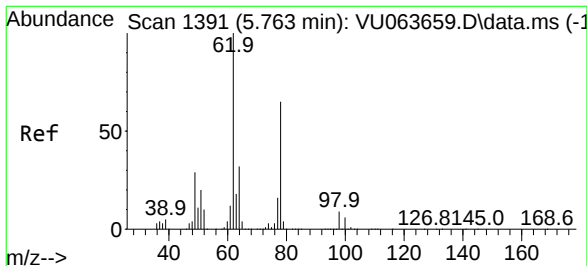
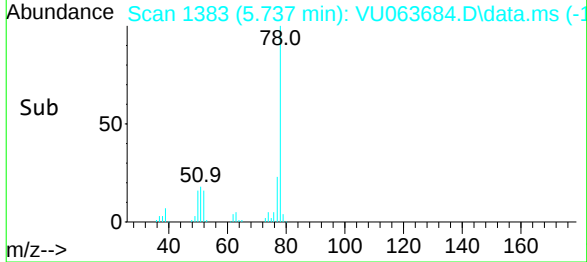
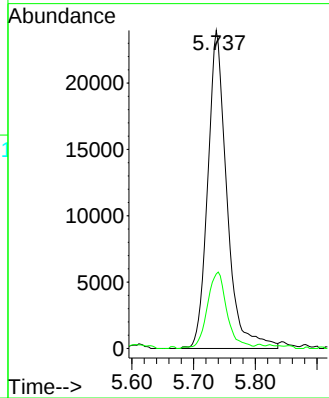
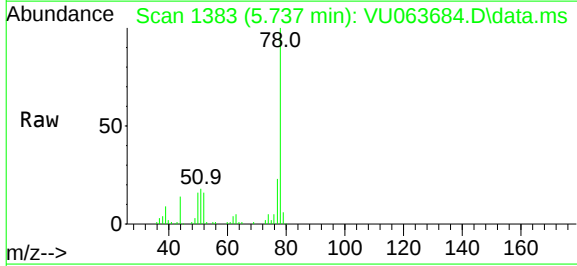




#35  
Benzene  
Concen: 0.741 ug/l  
RT: 5.737 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

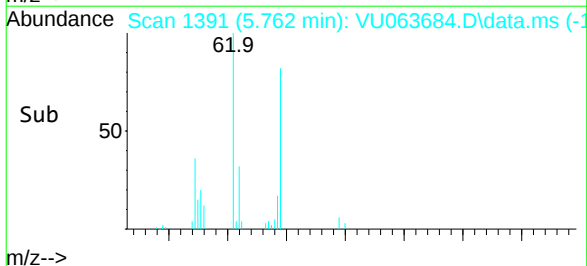
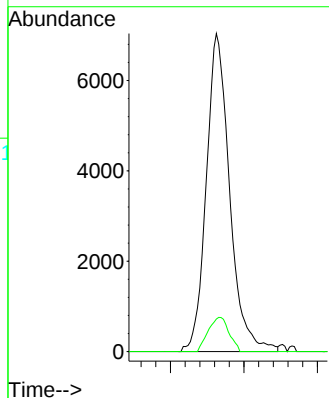
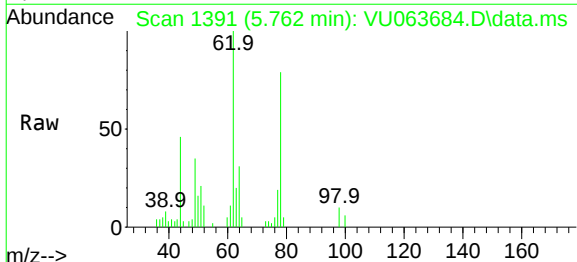
Instrument : MSVOA\_U  
ClientSampleId : MDL-WATER-03-QT4-2025

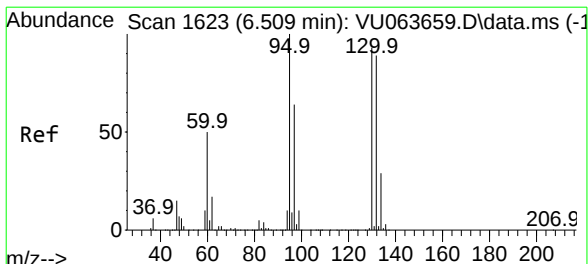
Tgt Ion: 78 Resp: 51599  
Ion Ratio Lower Upper  
78 100  
77 23.4 18.3 27.5



#36  
1,2-Dichloroethane  
Concen: 0.696 ug/l  
RT: 5.762 min Scan# 1391  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion: 62 Resp: 15568  
Ion Ratio Lower Upper  
62 100  
98 9.5 6.8 10.2

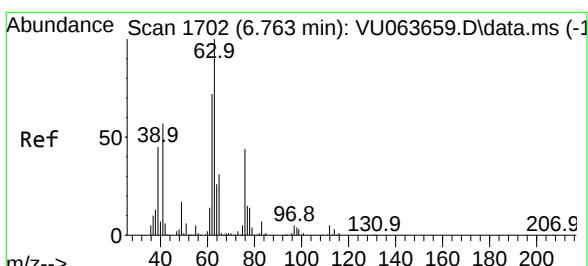
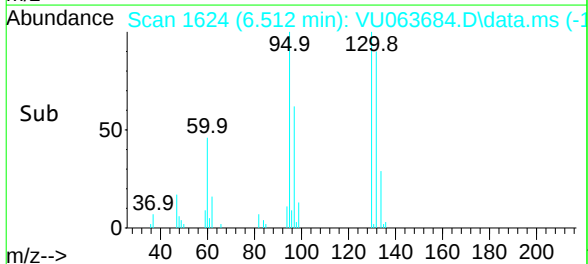
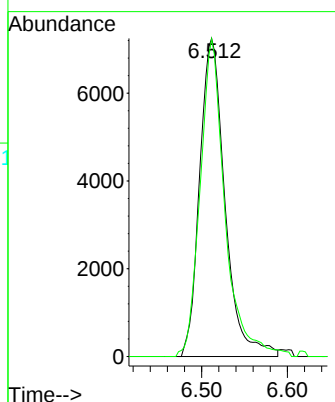
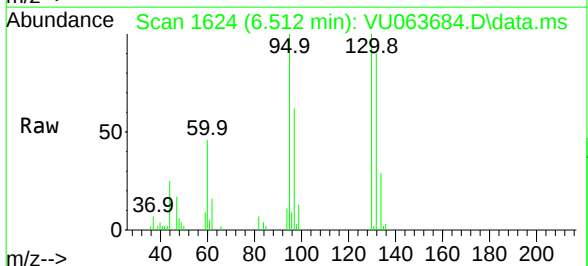




#37  
 Trichloroethene  
 Concen: 0.749 ug/l  
 RT: 6.512 min Scan# 16  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

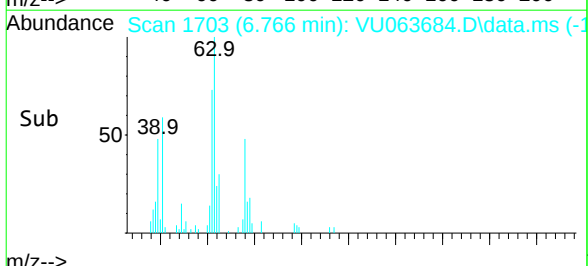
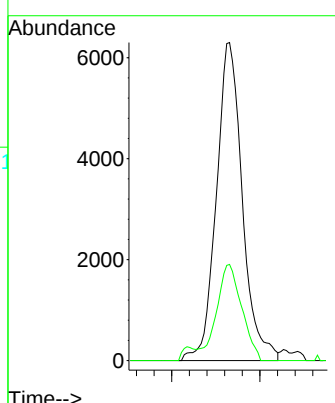
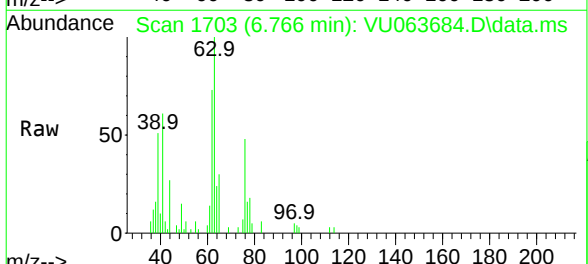
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MDL-WATER-03-QT4-2025

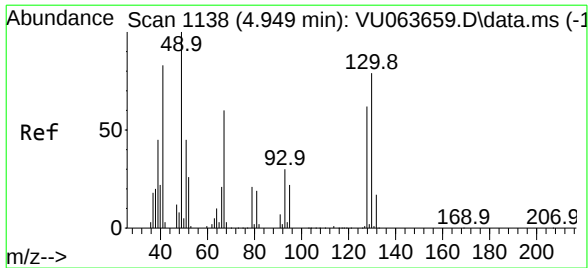
Tgt Ion:130 Resp: 14868  
 Ion Ratio Lower Upper  
 130 100  
 95 98.3 86.0 129.0



#38  
 1,2-Dichloropropane  
 Concen: 0.662 ug/l  
 RT: 6.766 min Scan# 1703  
 Delta R.T. 0.003 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

Tgt Ion: 63 Resp: 12904  
 Ion Ratio Lower Upper  
 63 100  
 65 30.2 24.5 36.7

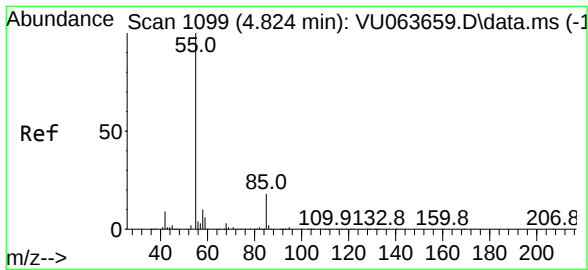
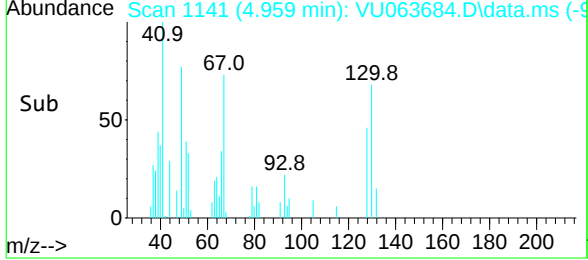
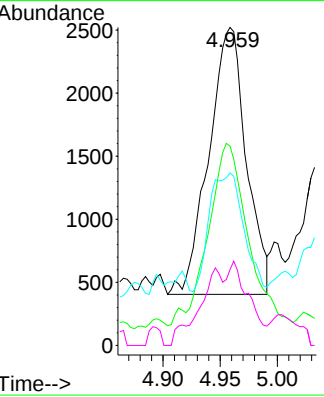
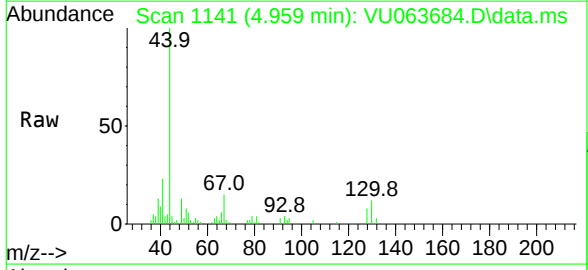




#39  
Methacrylonitrile  
Concen: 0.716 ug/l  
RT: 4.959 min Scan# 11  
Delta R.T. 0.009 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

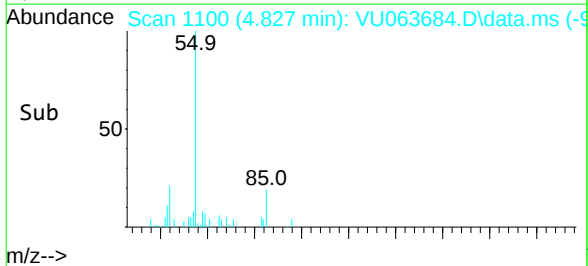
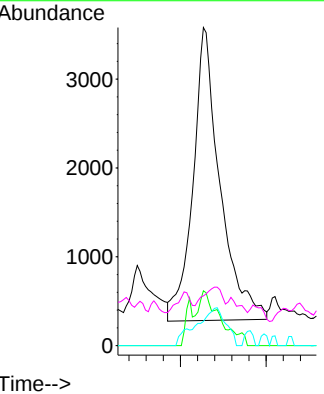
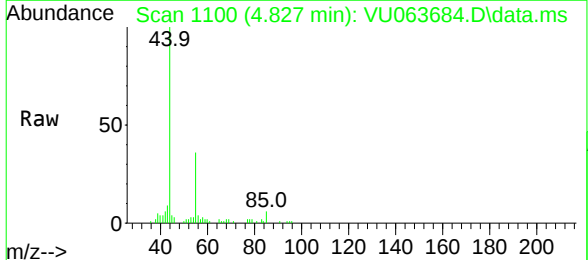
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

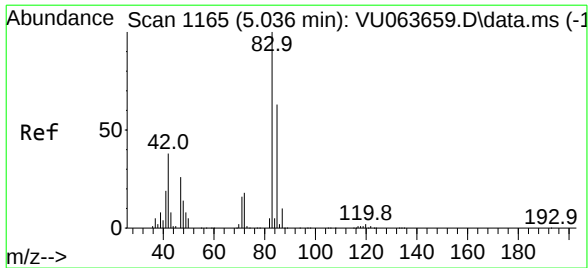
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 4825  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 67 73.7     | 61.4 92.2   |
| 39 41.3     | 46.5 69.7#  |
| 52 17.2     | 25.8 38.6#  |



#40  
Methyl acrylate  
Concen: 0.737 ug/l  
RT: 4.827 min Scan# 1100  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|             |             |
|-------------|-------------|
| Tgt Ion: 55 | Resp: 7207  |
| Ion Ratio   | Lower Upper |
| 55 100      |             |
| 85 14.9     | 15.3 22.9#  |
| 58 14.2     | 7.7 11.5#   |
| 42 4.1      | 7.9 11.9#   |

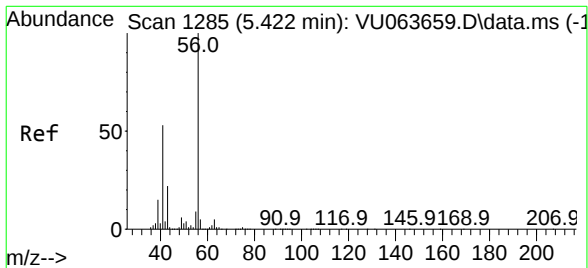
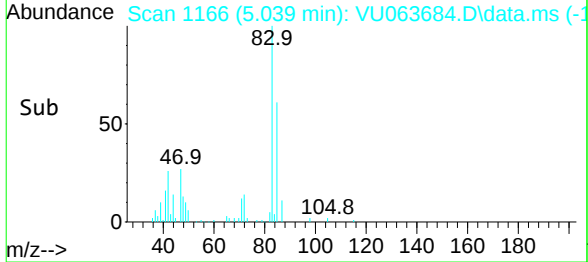
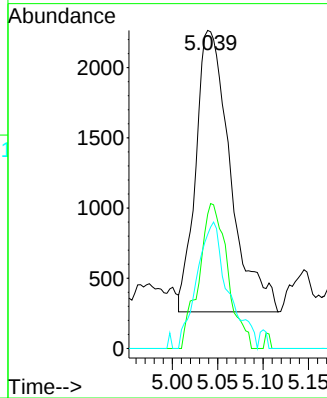
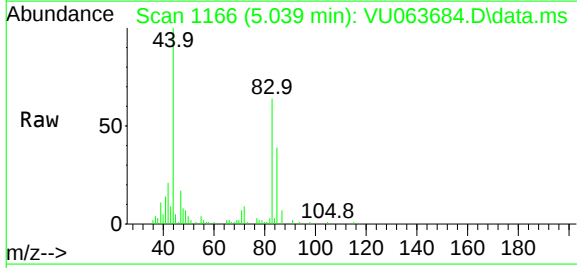




#41  
Tetrahydrofuran  
Concen: 1.750 ug/l  
RT: 5.039 min Scan# 1165  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

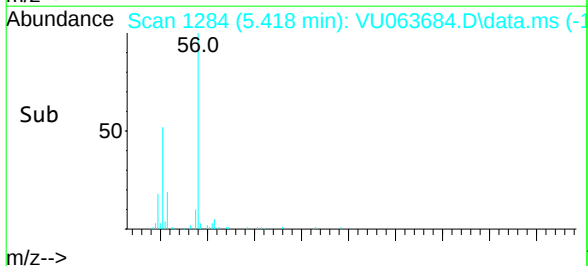
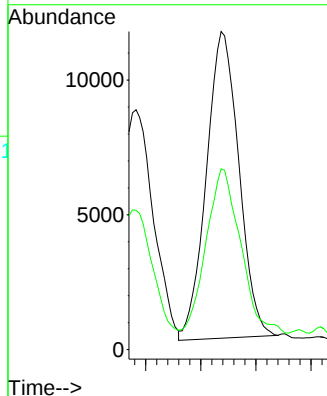
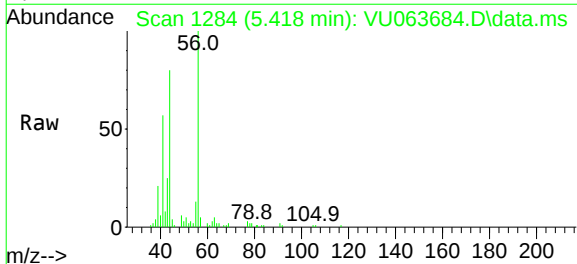
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

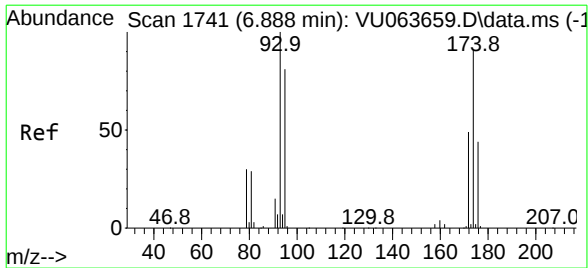
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 5303  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 42.7  | 40.5  | 60.7  |
| 71       | 40.5  | 35.0  | 52.6  |



#42  
1-Chlorobutane  
Concen: 0.705 ug/l  
RT: 5.418 min Scan# 1284  
Delta R.T. -0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

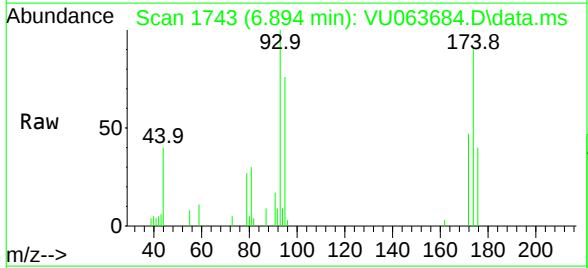
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 23352 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 41       | 57.2  | 25.9  | 77.6  |



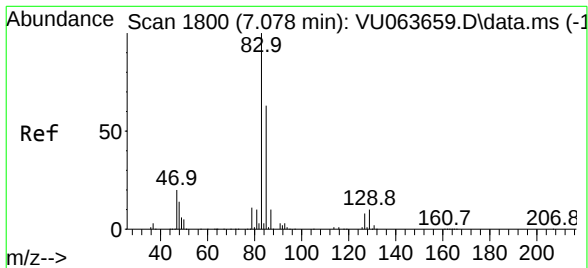
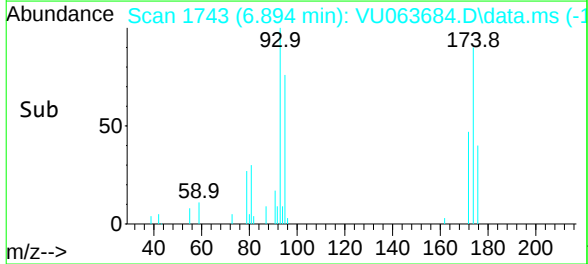
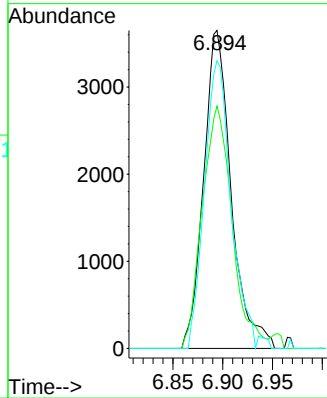


#43  
Dibromomethane  
Concen: 0.697 ug/l  
RT: 6.894 min Scan# 1741  
Delta R.T. 0.006 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

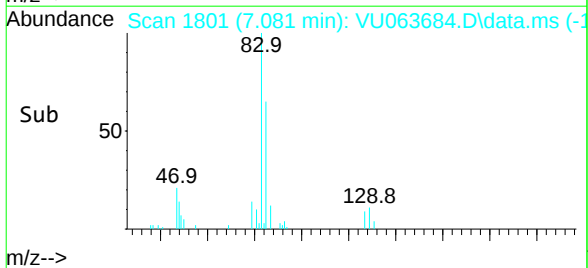
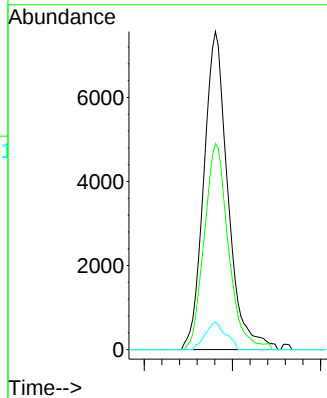
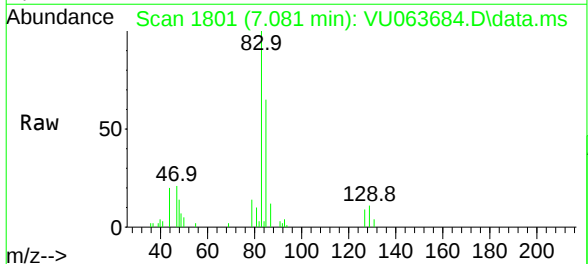


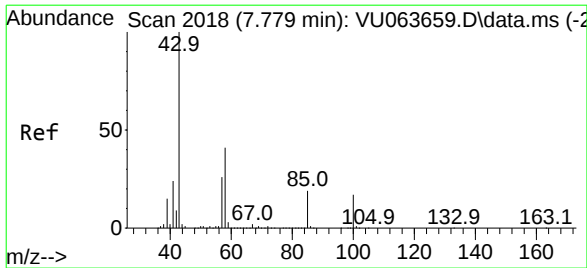
Tgt Ion: 93 Resp: 7026  
Ion Ratio Lower Upper  
93 100  
95 82.6 64.6 97.0  
174 87.6 73.8 110.8



#44  
Bromodichloromethane  
Concen: 0.582 ug/l  
RT: 7.081 min Scan# 1801  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion: 83 Resp: 14352  
Ion Ratio Lower Upper  
83 100  
85 64.8 50.5 75.7  
127 8.7 6.4 9.6

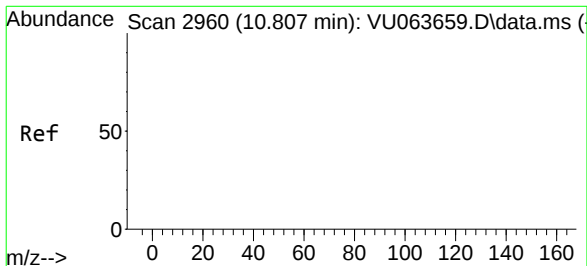
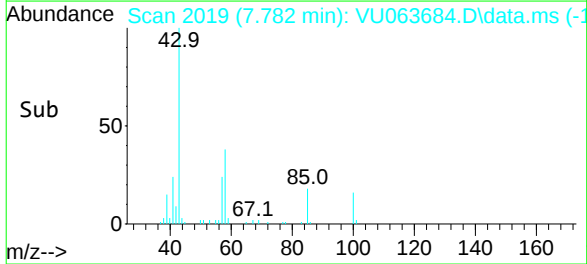
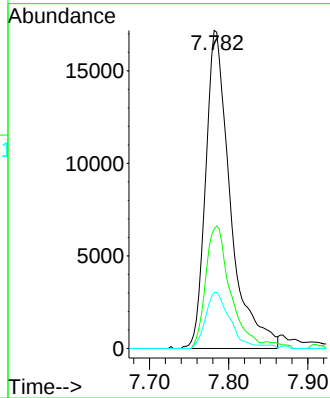
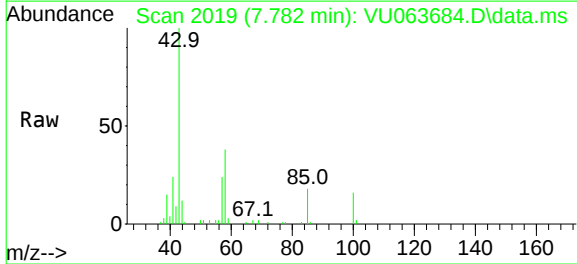




#45  
4-Methyl-2-Pentanone  
Concen: 3.061 ug/l  
RT: 7.782 min Scan# 2018  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

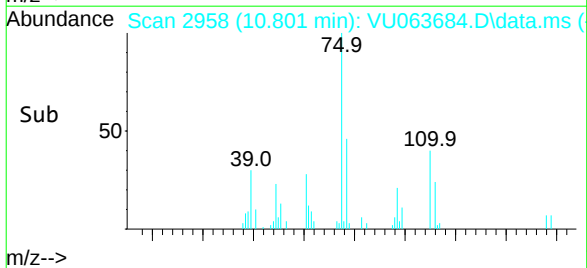
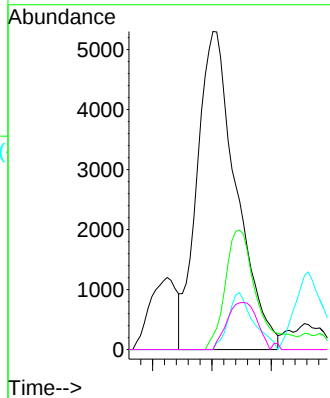
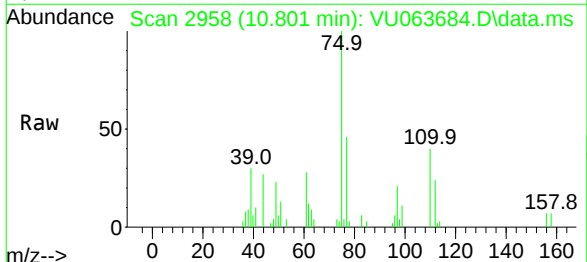
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

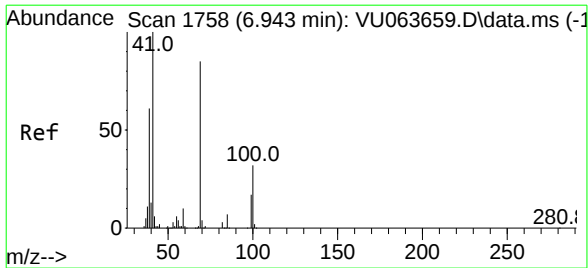
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 37234 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 38.2     | 20.2 60.5   |
| 85 17.4     | 15.0 22.6   |



#46  
t-1,4-Dichloro-2-butene  
Concen: 2.874 ug/l  
RT: 10.801 min Scan# 2958  
Delta R.T. -0.007 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 12125 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 53 30.6     | 57.2 85.8#  |
| 89 11.5     | 37.9 56.9#  |
| 88 11.3     | 30.1 45.1#  |

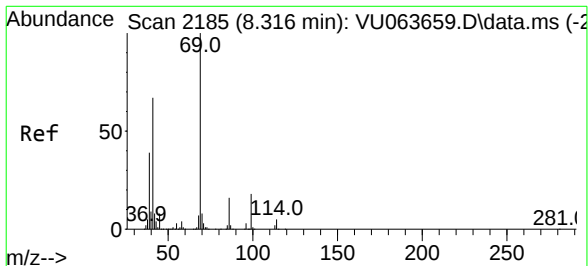
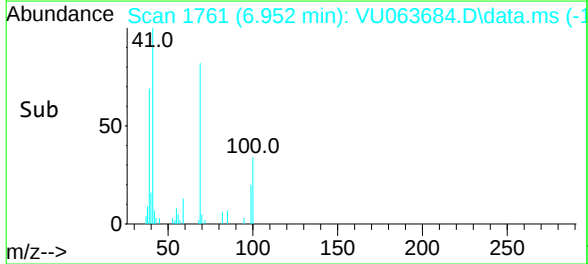
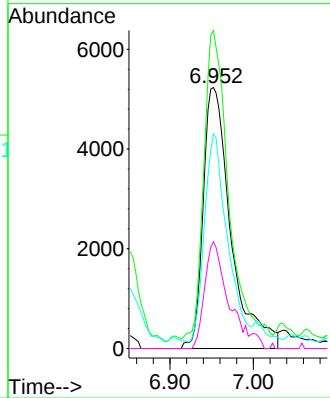
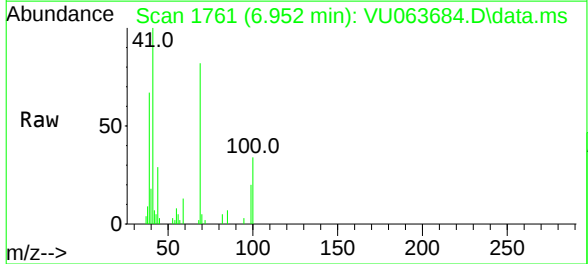




#47  
Methyl methacrylate  
Concen: 1.298 ug/l  
RT: 6.952 min Scan# 1758  
Delta R.T. 0.009 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

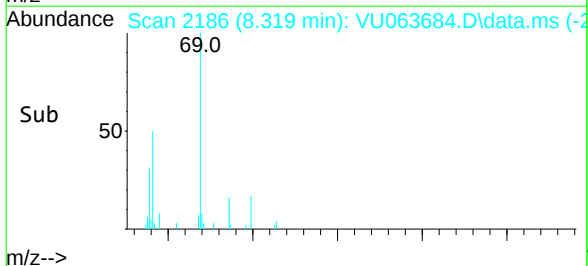
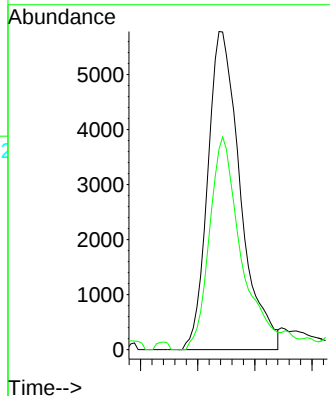
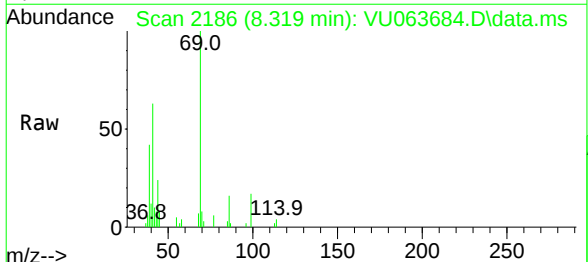
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

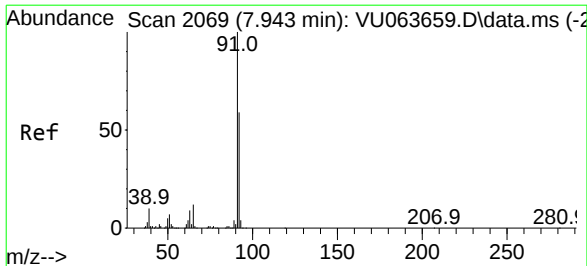
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 12042 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 104.9 | 0.0   | 228.2 |
| 39       | 65.6  | 56.2  | 84.4  |
| 100      | 34.4  | 30.6  | 46.0  |



#48  
Ethyl methacrylate  
Concen: 0.608 ug/l  
RT: 8.319 min Scan# 2186  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 11472 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 64.9  | 32.8  | 98.3  |





#49

Toluene

Concen: 0.658 ug/l

RT: 7.942 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063684.D

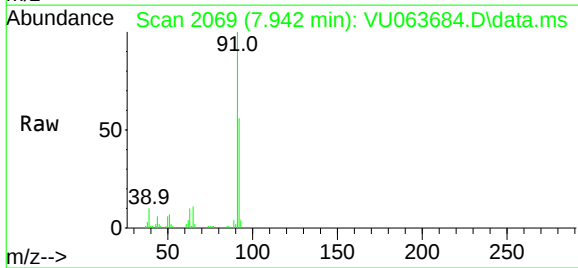
Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

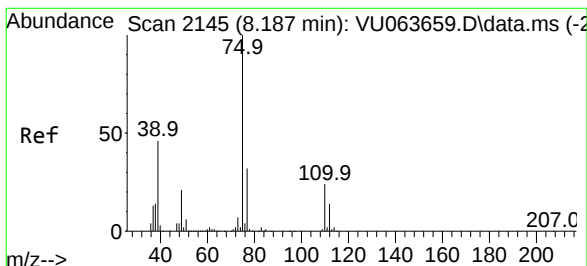
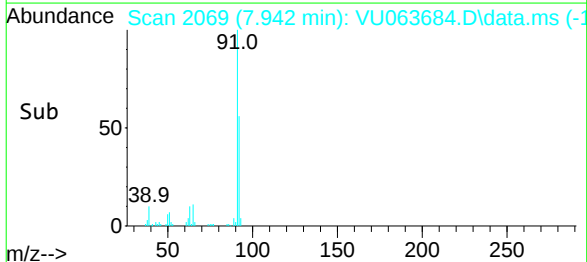
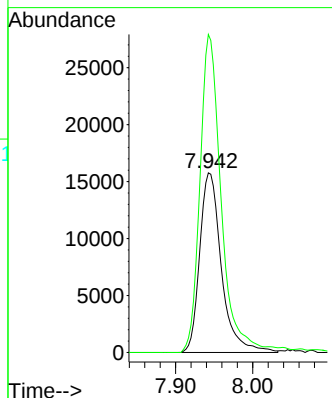


Tgt Ion: 92 Resp: 30893

Ion Ratio Lower Upper

92 100

91 171.2 136.8 205.2



#50

t-1,3-Dichloropropene

Concen: 0.544 ug/l

RT: 8.190 min Scan# 2146

Delta R.T. 0.003 min

Lab File: VU063684.D

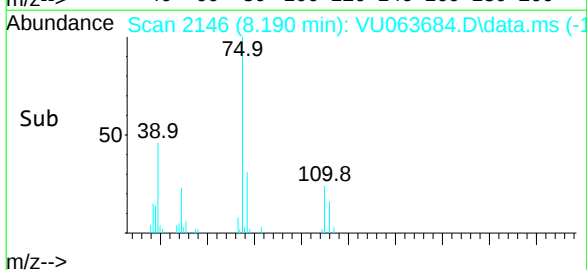
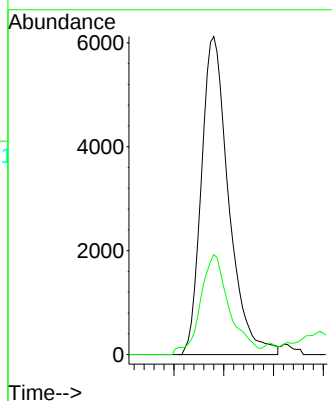
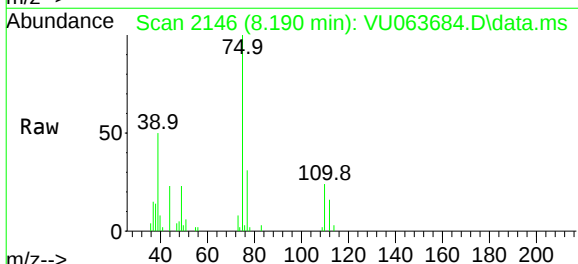
Acq: 07 Nov 2025 13:58

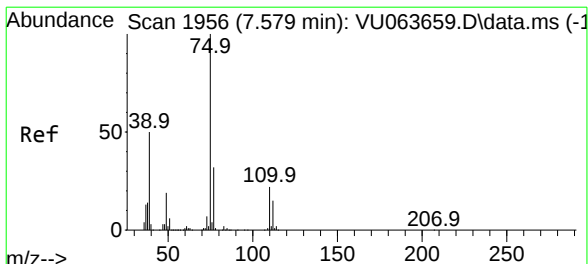
Tgt Ion: 75 Resp: 11659

Ion Ratio Lower Upper

75 100

77 29.2 25.8 38.6

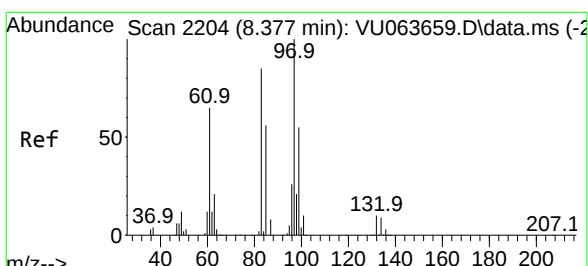
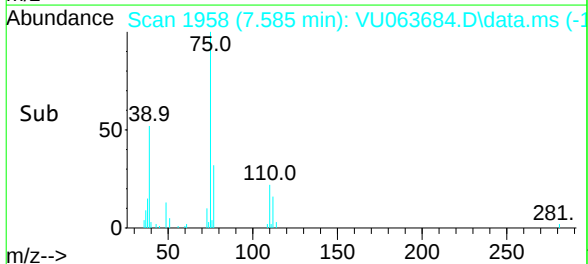
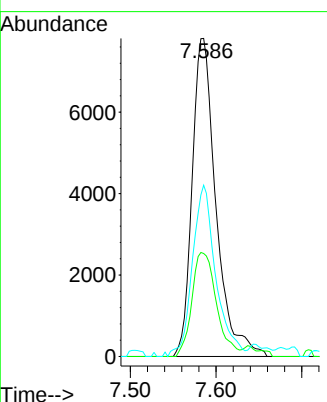
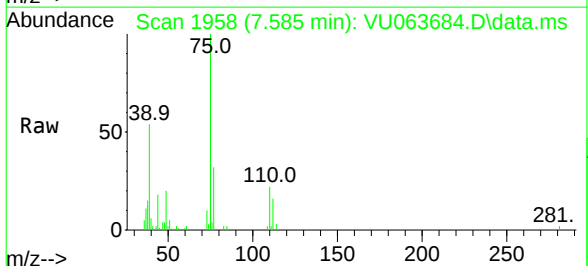




#51  
 cis-1,3-Dichloropropene  
 Concen: 0.563 ug/l  
 RT: 7.585 min Scan# 1958  
 Delta R.T. 0.006 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

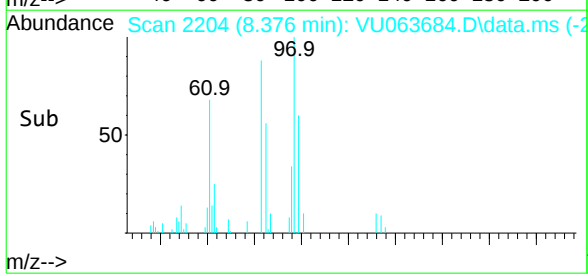
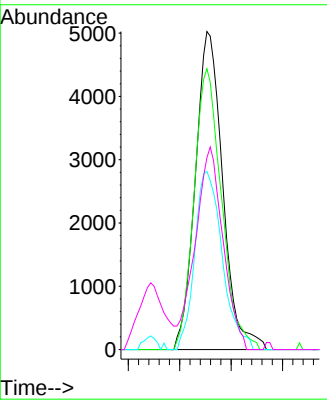
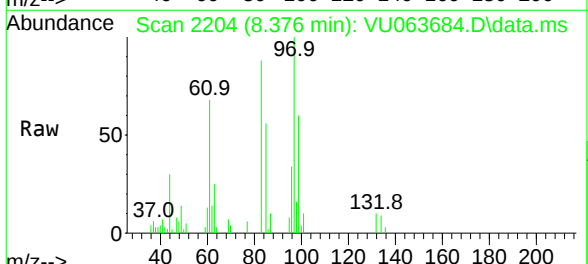
Instrument : MSVOA\_U  
 ClientSampleId : MDL-WATER-03-QT4-2025

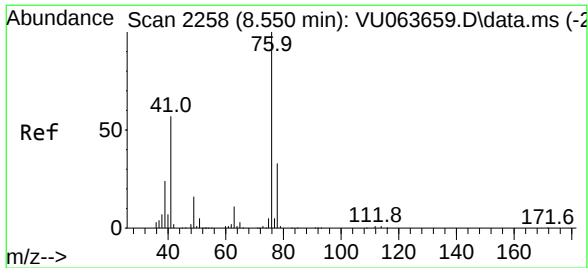
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 15080 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 32.4  | 25.5  | 38.3  |
| 39       | 52.2  | 39.9  | 59.9  |



#52  
 1,1,2-Trichloroethane  
 Concen: 0.677 ug/l  
 RT: 8.376 min Scan# 2204  
 Delta R.T. -0.000 min  
 Lab File: VU063684.D  
 Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 9281  |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 88.3  | 68.3  | 102.5 |
| 85       | 56.0  | 45.3  | 67.9  |
| 99       | 58.1  | 49.7  | 74.5  |

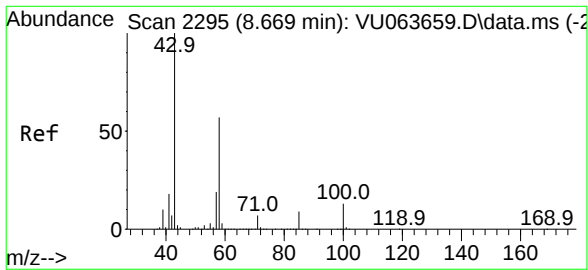
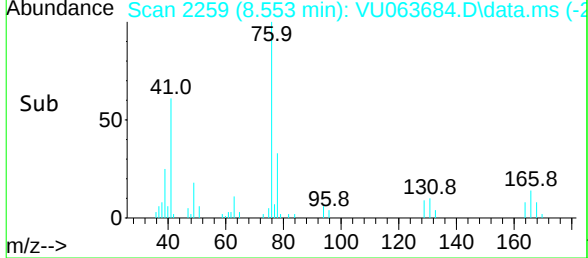
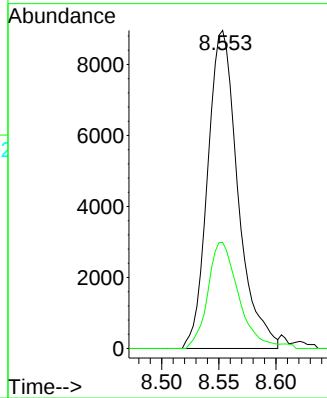
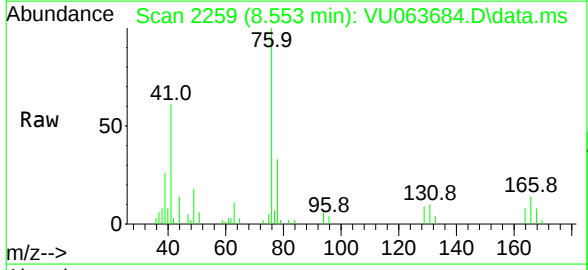




#53  
1,3-Dichloropropane  
Concen: 0.674 ug/l  
RT: 8.553 min Scan# 2258  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

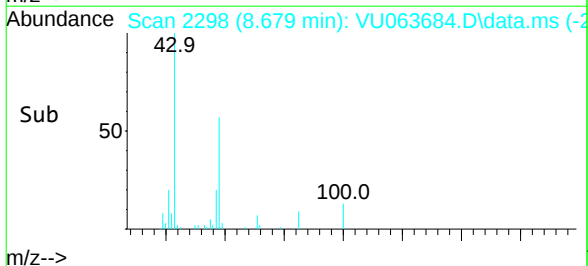
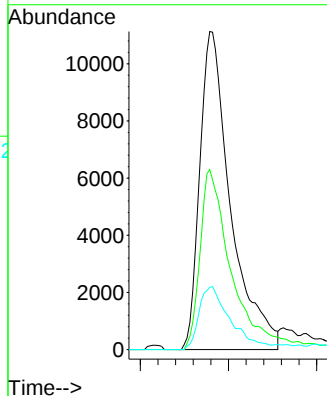
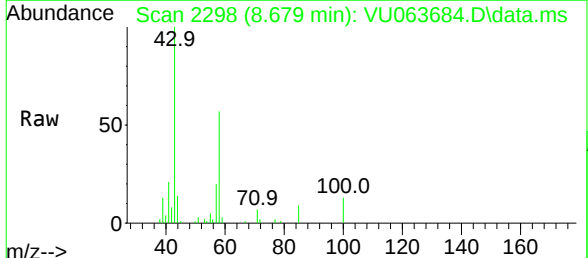
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

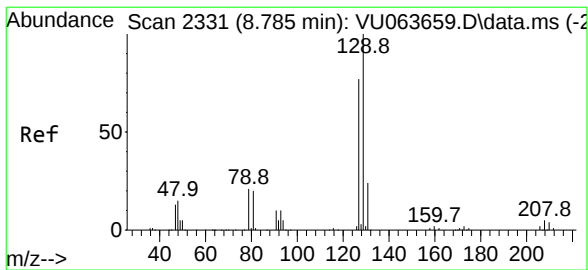
Tgt Ion: 76 Resp: 16517  
Ion Ratio Lower Upper  
76 100  
78 34.2 25.8 38.6



#54  
2-Hexanone  
Concen: 2.630 ug/l  
RT: 8.679 min Scan# 2298  
Delta R.T. 0.009 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion: 43 Resp: 27010  
Ion Ratio Lower Upper  
43 100  
58 57.6 36.3 76.3  
57 20.1 0.0 39.7





#55

Dibromochloromethane

Concen: 0.525 ug/l

RT: 8.788 min Scan# 23

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

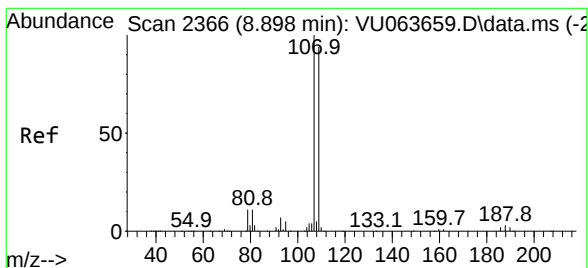
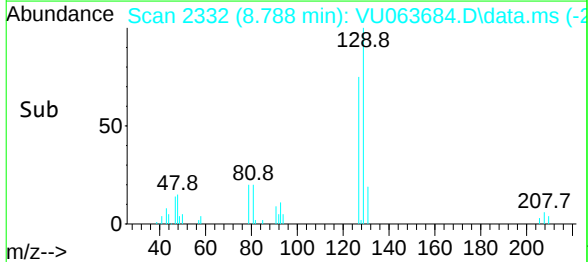
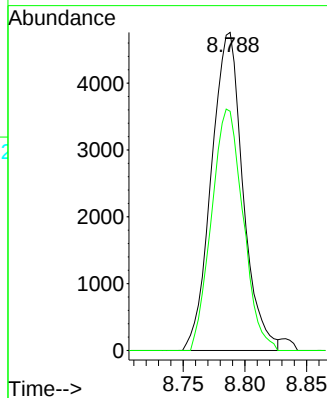
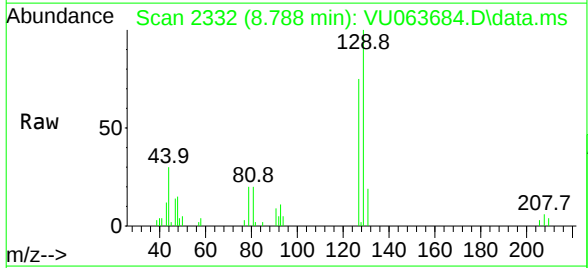
MDL-WATER-03-QT4-2025

Tgt Ion:129 Resp: 8479

Ion Ratio Lower Upper

129 100

127 75.8 61.4 92.0



#56

1,2-Dibromoethane

Concen: 0.627 ug/l

RT: 8.901 min Scan# 2367

Delta R.T. 0.003 min

Lab File: VU063684.D

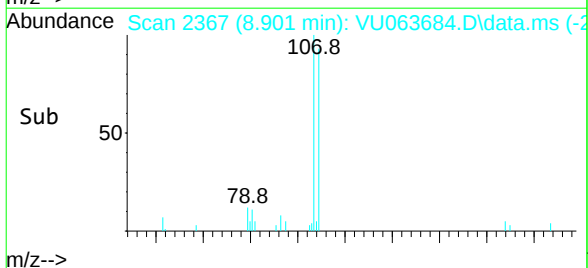
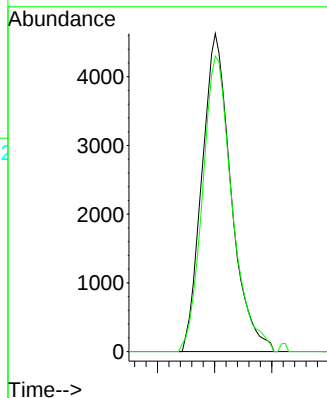
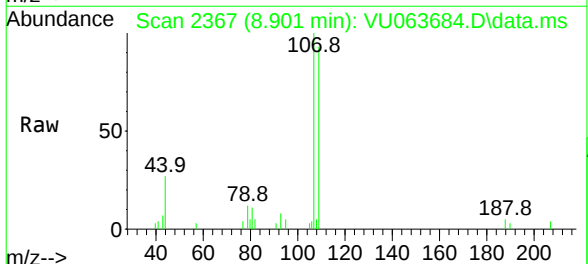
Acq: 07 Nov 2025 13:58

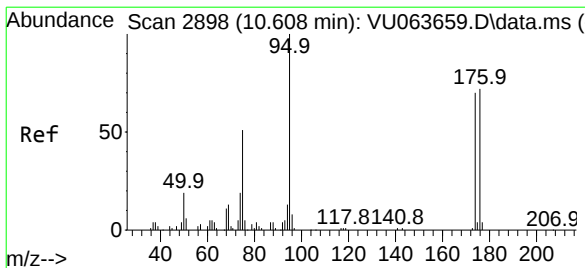
Tgt Ion:107 Resp: 8184

Ion Ratio Lower Upper

107 100

109 94.8 0.0 188.0





#57

4-Bromofluorobenzene

Concen: 0.877 ug/l

RT: 10.611 min Scan# 2899

Delta R.T. 0.003 min

Lab File: VU063684.D

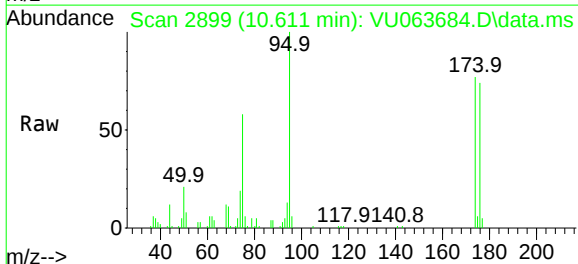
Acq: 07 Nov 2025 13:58

Instrument :

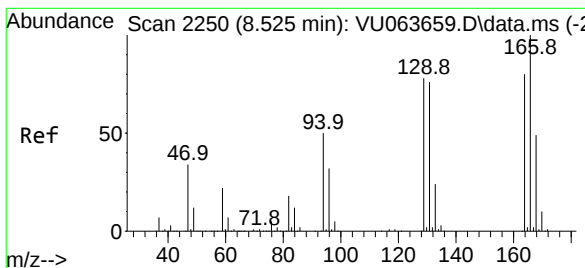
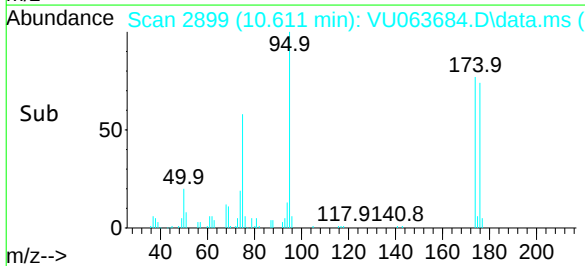
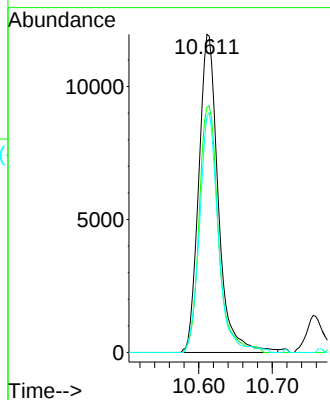
MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 95    | Resp: | 21977 |
| Ion Ratio | Lower | Upper |       |
| 95        | 100   |       |       |
| 174       | 76.0  | 59.9  | 89.9  |
| 176       | 72.9  | 58.8  | 88.2  |



#58

Tetrachloroethene

Concen: 0.708 ug/l

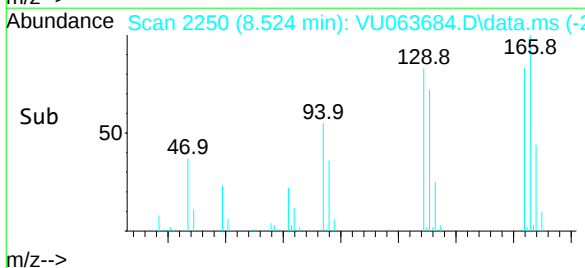
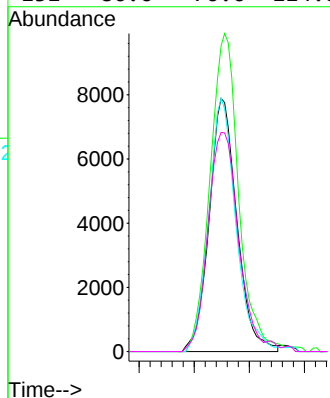
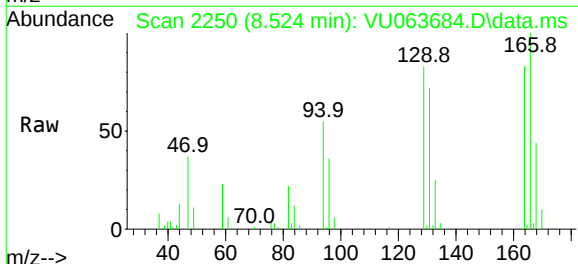
RT: 8.524 min Scan# 2250

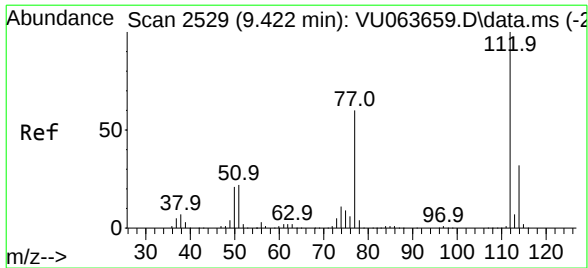
Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 13746 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 166       | 120.8 | 100.1 | 150.1 |
| 129       | 100.1 | 77.6  | 116.4 |
| 131       | 86.6  | 76.6  | 114.8 |

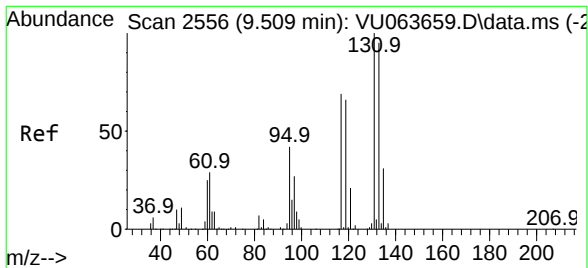
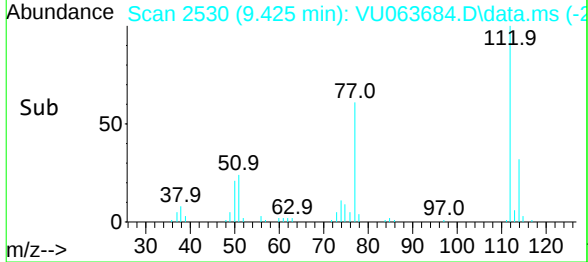
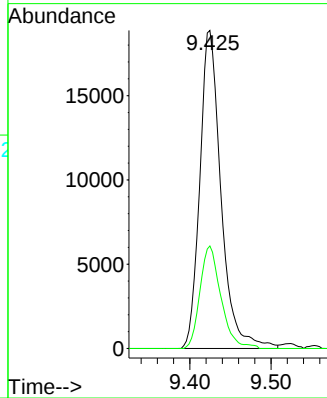
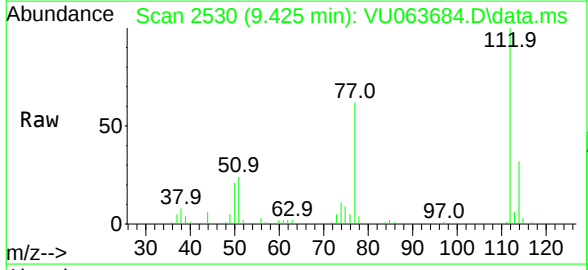




#59  
Chlorobenzene  
Concen: 0.671 ug/l  
RT: 9.425 min Scan# 2529  
Delta R.T. 0.003 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

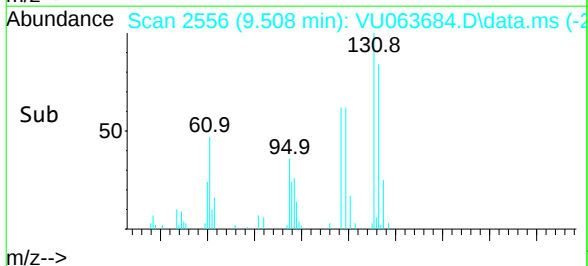
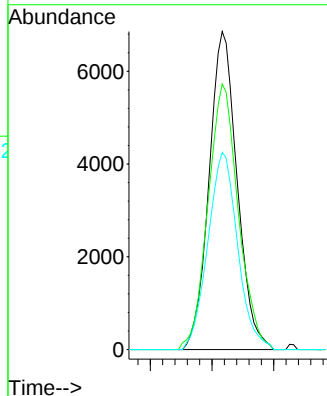
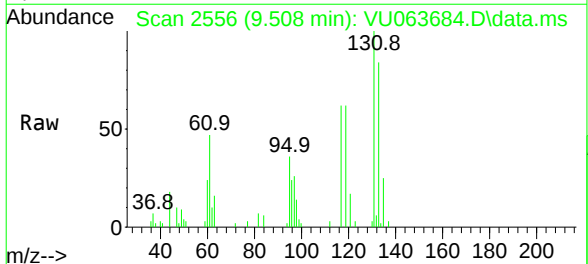
Instrument :  
MSVOA\_U  
ClientSampleId :  
MDL-WATER-03-QT4-2025

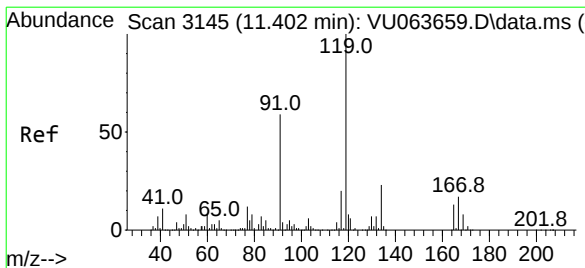
Tgt Ion:112 Resp: 34210  
Ion Ratio Lower Upper  
112 100  
114 32.2 26.0 39.0



#60  
1,1,1,2-Tetrachloroethane  
Concen: 0.608 ug/l  
RT: 9.508 min Scan# 2556  
Delta R.T. -0.000 min  
Lab File: VU063684.D  
Acq: 07 Nov 2025 13:58

Tgt Ion:131 Resp: 10846  
Ion Ratio Lower Upper  
131 100  
133 89.8 77.0 115.6  
119 65.6 52.8 79.2





#61

Pentachloroethane

Concen: 0.563 ug/l

RT: 11.402 min Scan# 3145

Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

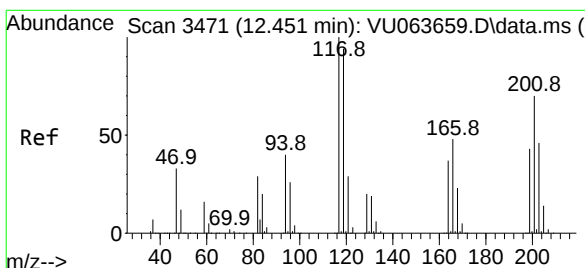
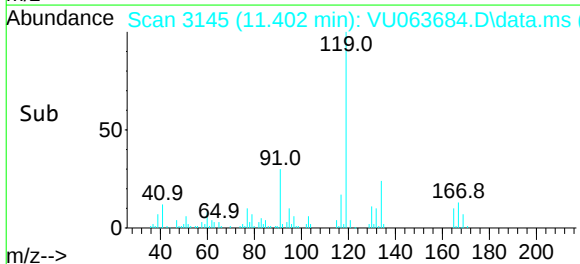
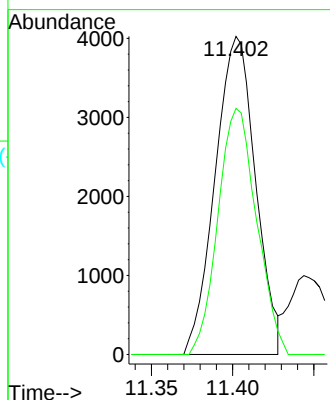
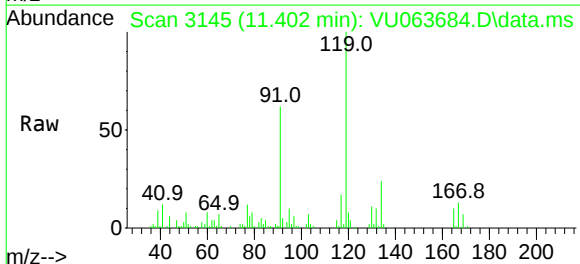
MDL-WATER-03-QT4-2025

Tgt Ion:117 Resp: 6970

Ion Ratio Lower Upper

117 100

167 73.8 62.8 94.2



#62

Hexachloroethane

Concen: 0.463 ug/l

RT: 12.450 min Scan# 3471

Delta R.T. -0.000 min

Lab File: VU063684.D

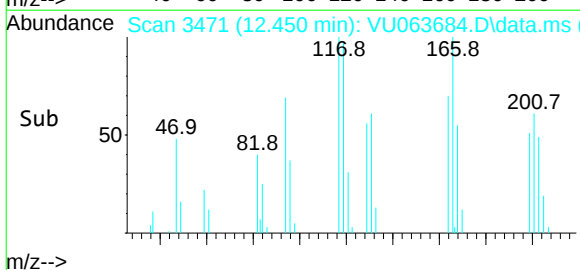
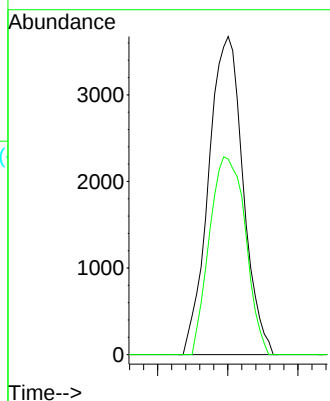
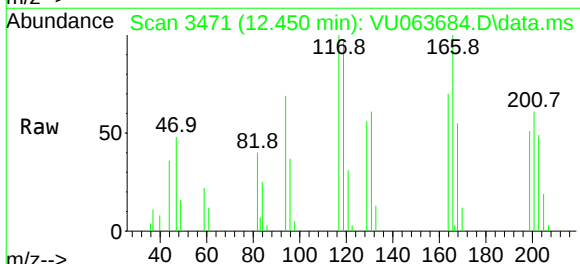
Acq: 07 Nov 2025 13:58

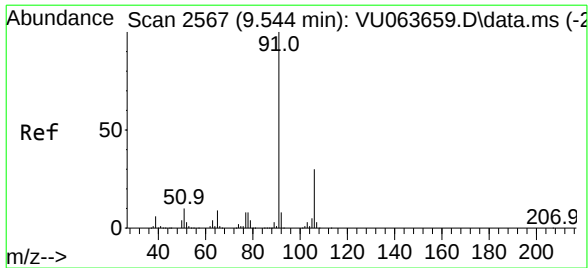
Tgt Ion:117 Resp: 6279

Ion Ratio Lower Upper

117 100

201 64.6 56.3 84.5





#63

Ethyl Benzene

Concen: 0.654 ug/l

RT: 9.547 min Scan# 25

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

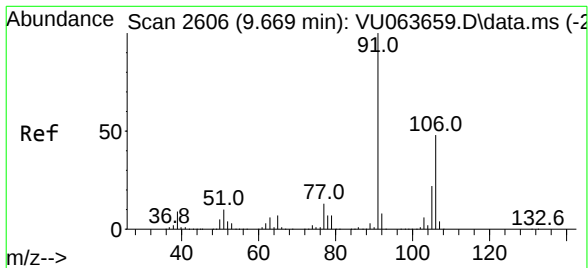
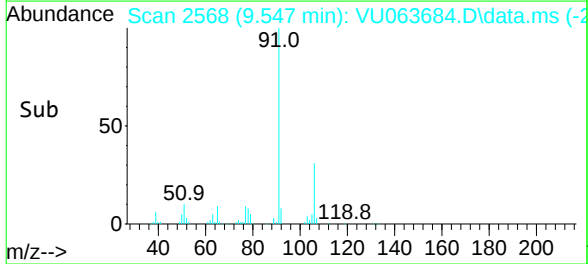
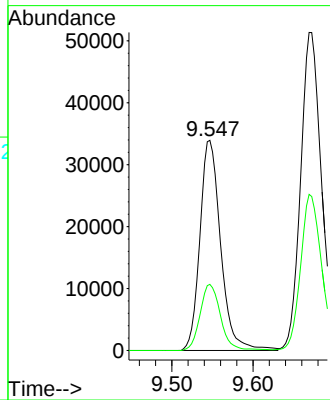
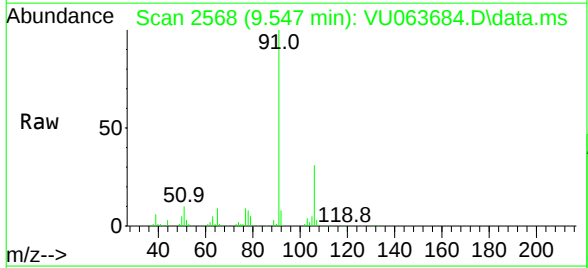
MDL-WATER-03-QT4-2025

Tgt Ion: 91 Resp: 60404

Ion Ratio Lower Upper

91 100

106 31.5 24.1 36.1



#64

m/p-Xylenes

Concen: 1.336 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063684.D

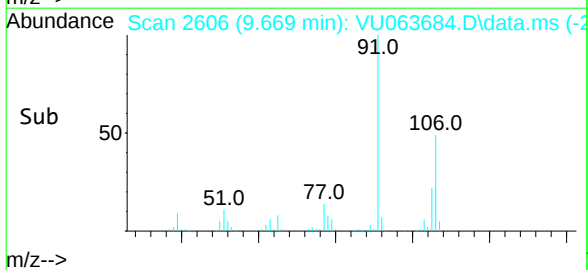
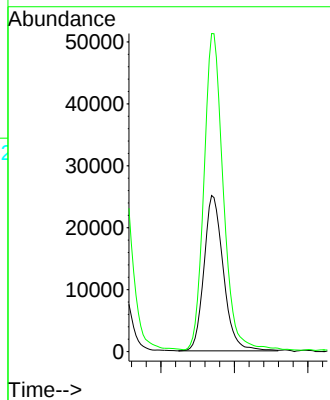
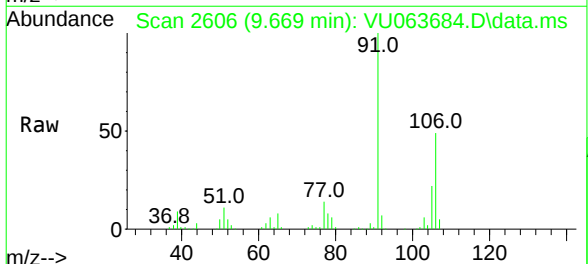
Acq: 07 Nov 2025 13:58

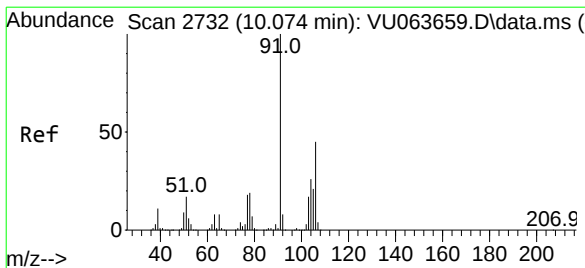
Tgt Ion: 106 Resp: 46028

Ion Ratio Lower Upper

106 100

91 204.5 167.0 250.4





#65

o-Xylene

Concen: 0.660 ug/l

RT: 10.077 min Scan# 2732

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

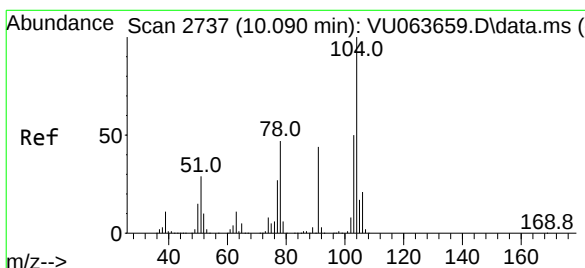
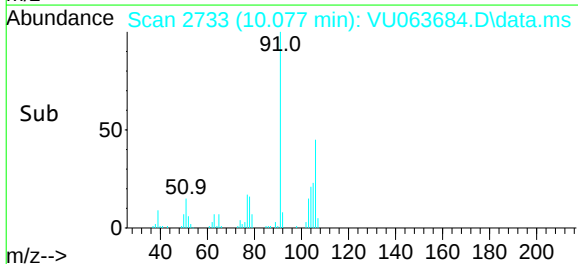
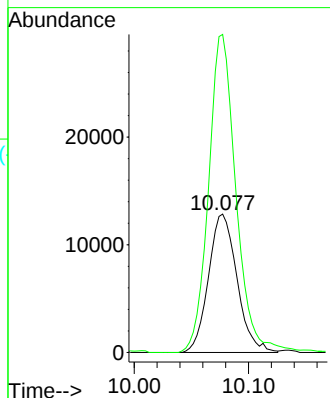
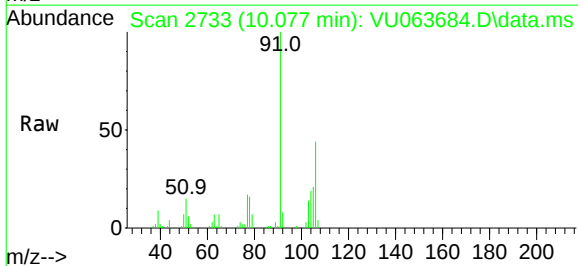
MDL-WATER-03-QT4-2025

Tgt Ion:106 Resp: 22295

Ion Ratio Lower Upper

106 100

91 221.8 109.3 327.9



#66

Styrene

Concen: 0.638 ug/l

RT: 10.093 min Scan# 2738

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

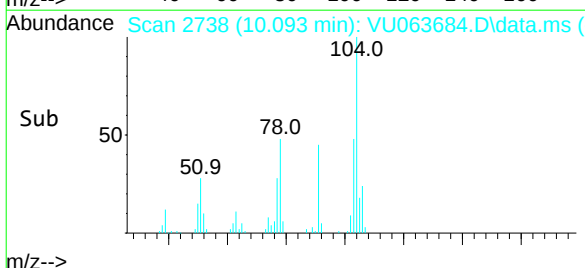
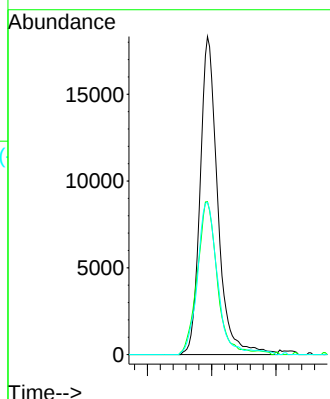
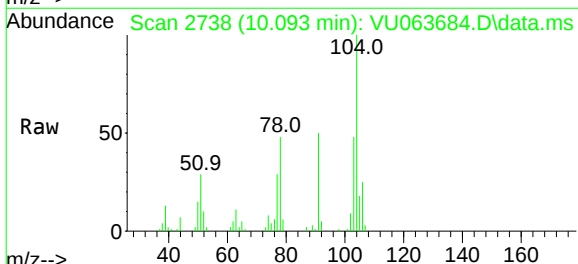
Tgt Ion:104 Resp: 34943

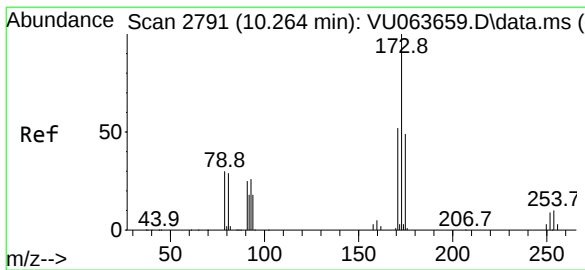
Ion Ratio Lower Upper

104 100

78 54.3 42.8 64.2

103 53.4 43.9 65.9





#67

Bromoform

Concen: 0.482 ug/l

RT: 10.267 min Scan# 2791

Delta R.T. 0.003 min

Lab File: VU063684.D

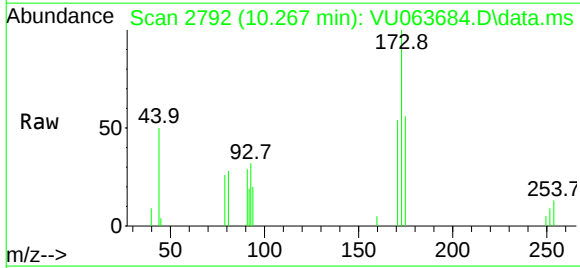
Acq: 07 Nov 2025 13:58

Instrument :

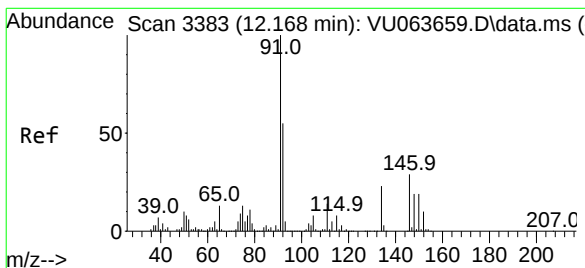
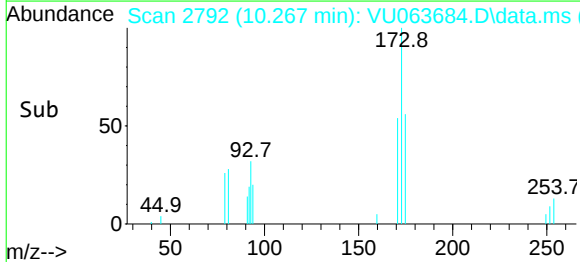
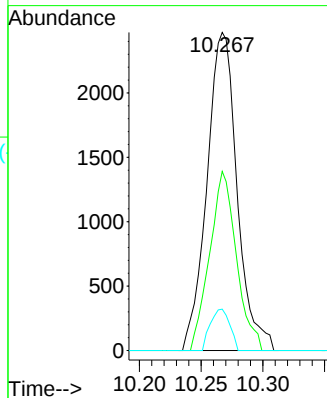
MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 4200  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 50.0  | 39.0  | 58.4  |
| 254      | 8.4   | 7.4   | 11.0  |



#68

1,2-Dichlorobenzene-d4

Concen: 0.914 ug/l

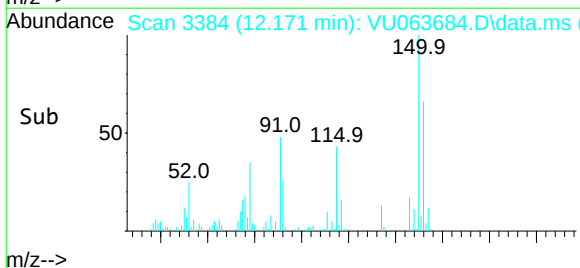
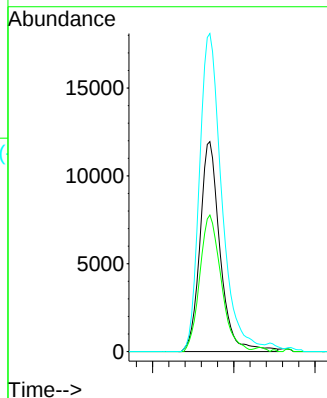
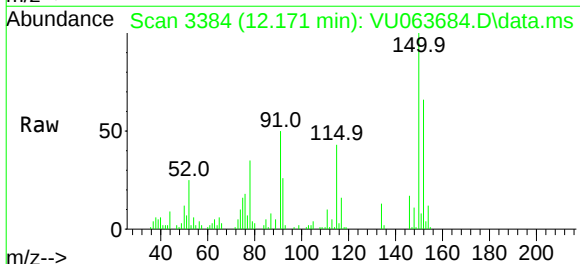
RT: 12.171 min Scan# 3384

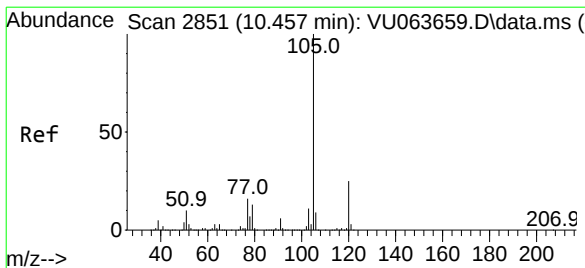
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 20530 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 69.3  | 0.0   | 247.2 |
| 150      | 168.4 | 0.0   | 643.6 |





#69

Isopropylbenzene

Concen: 0.652 ug/l

RT: 10.460 min Scan# 28

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

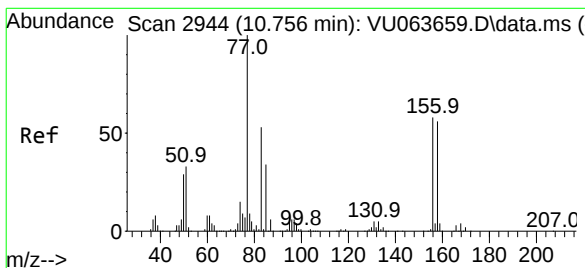
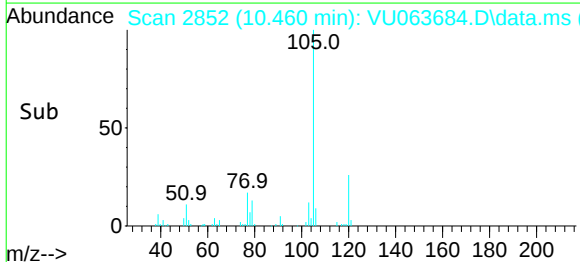
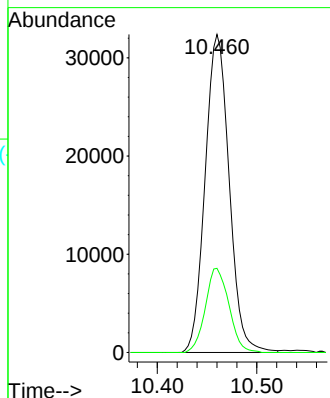
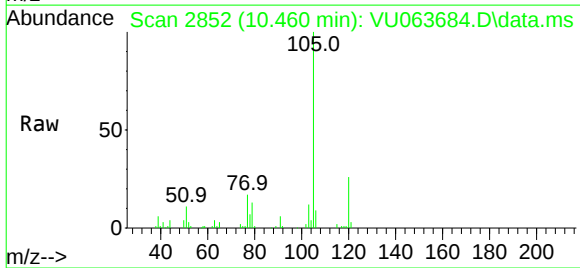
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 54366

Ion Ratio Lower Upper

105 100

120 25.9 12.9 38.6



#70

1,1,2,2-Tetrachloroethane

Concen: 0.641 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

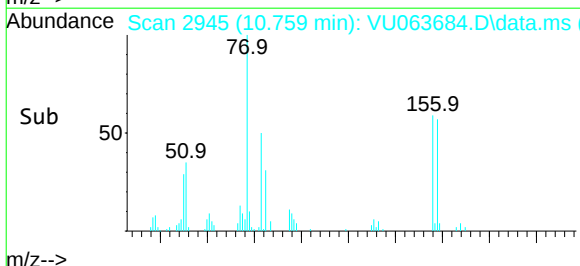
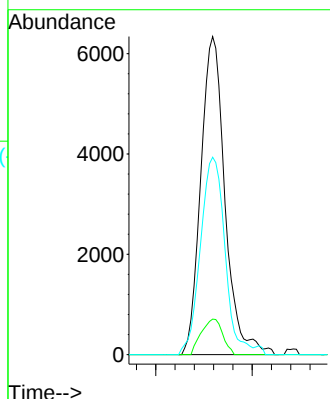
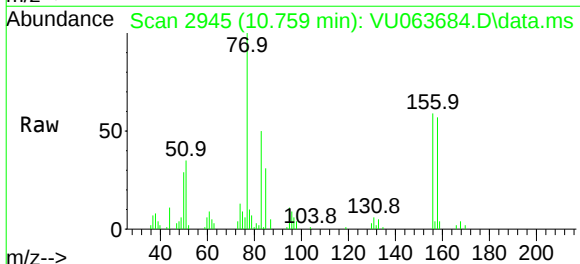
Tgt Ion: 83 Resp: 11038

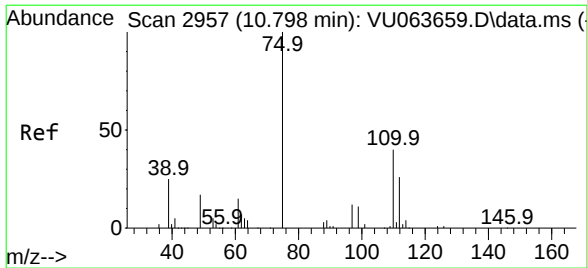
Ion Ratio Lower Upper

83 100

131 9.8 8.1 12.1

85 62.8 51.0 76.6





#71

1,2,3-Trichloropropane

Concen: 0.809 ug/l

RT: 10.801 min Scan# 2957

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion: 75 Resp: 12125

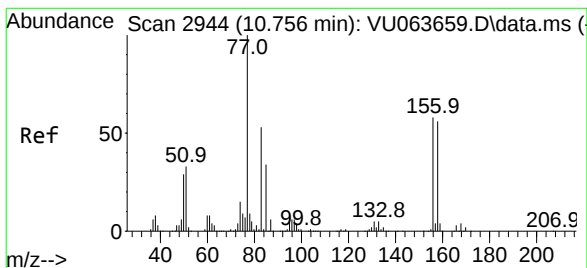
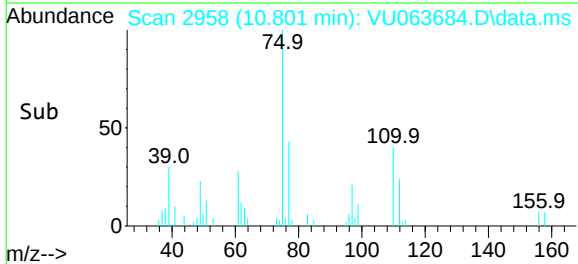
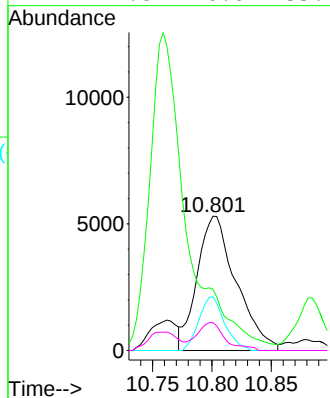
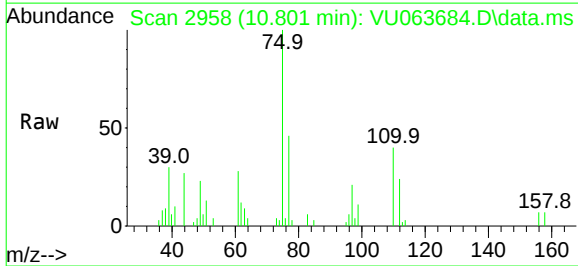
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 26.2 0.0 66.4

97 14.8 0.0 33.2



#72

Bromobenzene

Concen: 0.686 ug/l

RT: 10.762 min Scan# 2946

Delta R.T. 0.006 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

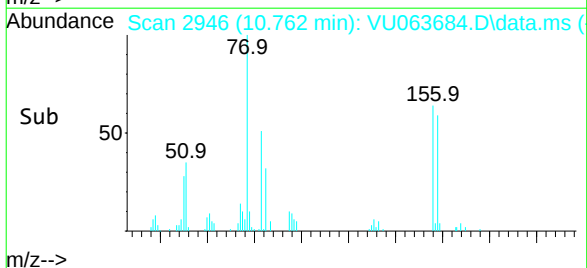
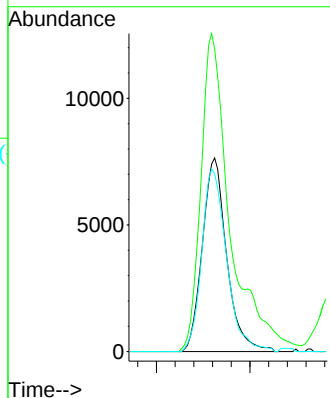
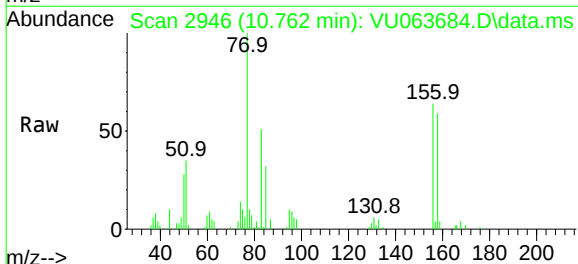
Tgt Ion: 156 Resp: 13827

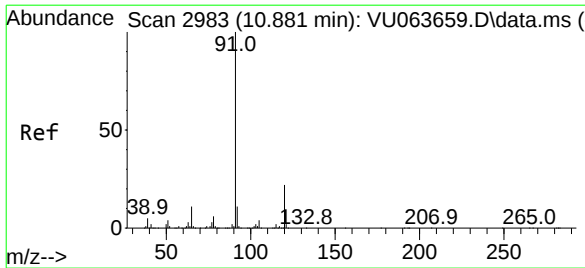
Ion Ratio Lower Upper

156 100

77 196.8 0.0 337.2

158 96.3 0.0 191.8





#73

n-propylbenzene

Concen: 0.660 ug/l

RT: 10.881 min Scan# 2983

Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

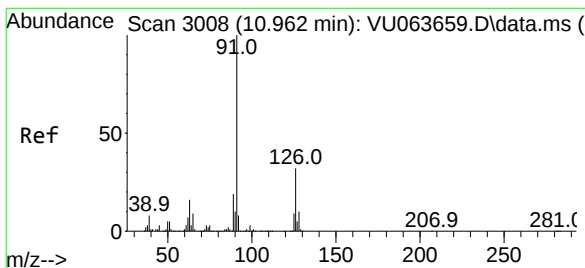
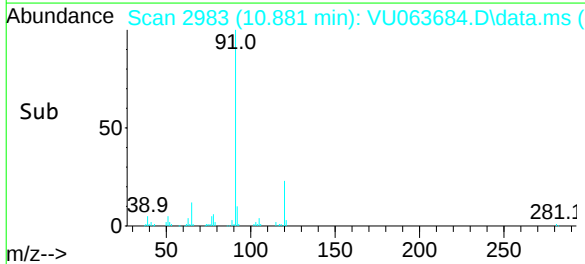
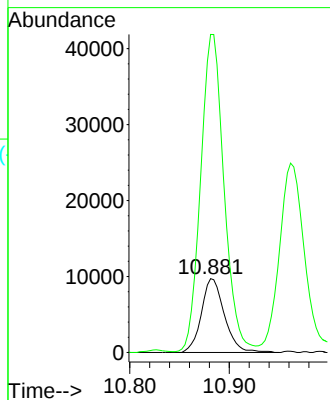
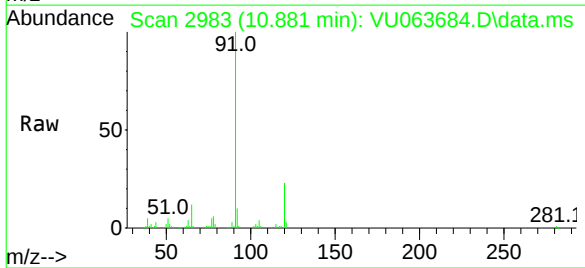
MDL-WATER-03-QT4-2025

Tgt Ion:120 Resp: 15646

Ion Ratio Lower Upper

120 100

91 434.9 361.4 542.2



#74

2-Chlorotoluene

Concen: 0.702 ug/l

RT: 10.962 min Scan# 3008

Delta R.T. -0.000 min

Lab File: VU063684.D

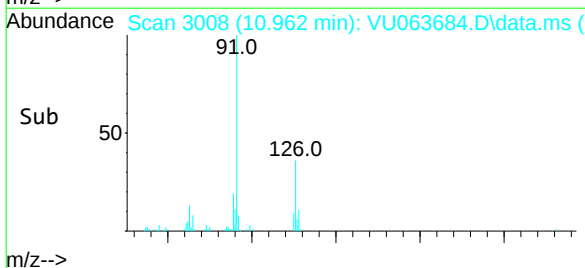
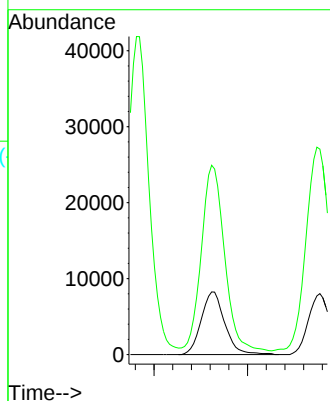
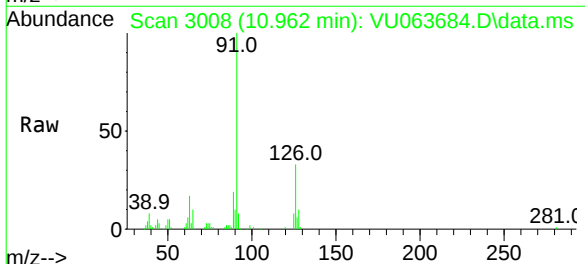
Acq: 07 Nov 2025 13:58

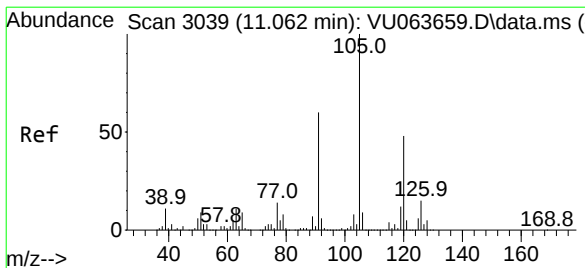
Tgt Ion:126 Resp: 14406

Ion Ratio Lower Upper

126 100

91 304.4 0.0 634.8





#75

1,3,5-Trimethylbenzene

Concen: 0.628 ug/l

RT: 11.064 min Scan# 3039

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Instrument :

MSVOA\_U

ClientSampleId :

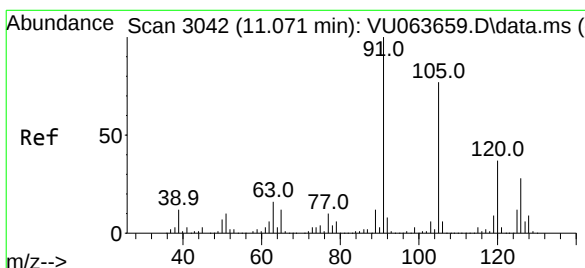
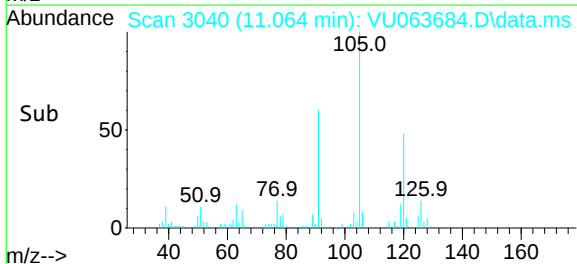
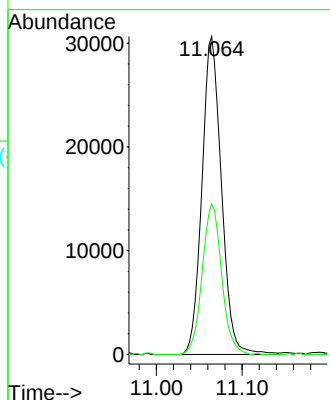
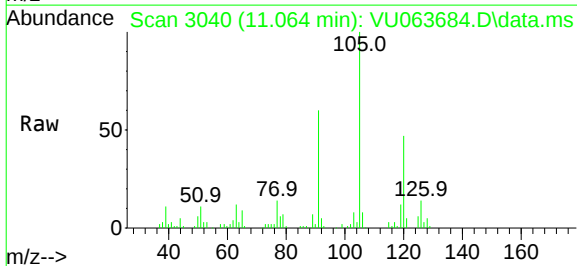
MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 48393

Ion Ratio Lower Upper

105 100

120 47.3 38.2 57.2



#76

4-Chlorotoluene

Concen: 0.673 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. 0.006 min

Lab File: VU063684.D

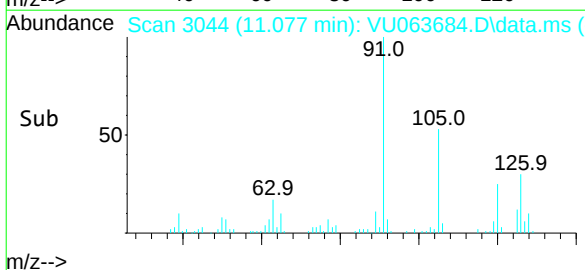
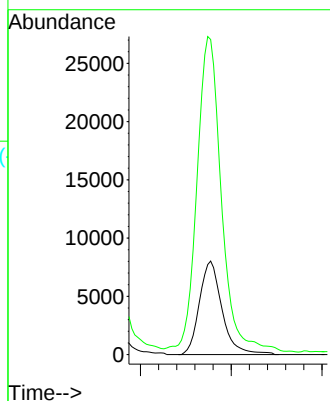
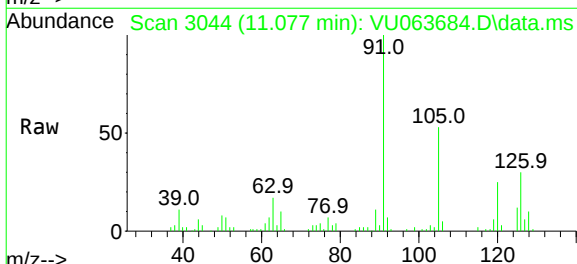
Acq: 07 Nov 2025 13:58

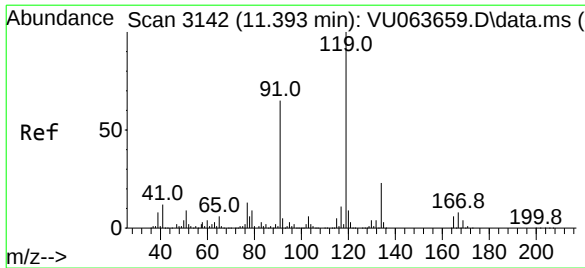
Tgt Ion:126 Resp: 13876

Ion Ratio Lower Upper

126 100

91 367.5 0.0 716.6





#77

tert-Butylbenzene

Concen: 0.643 ug/l

RT: 11.396 min Scan# 3143

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

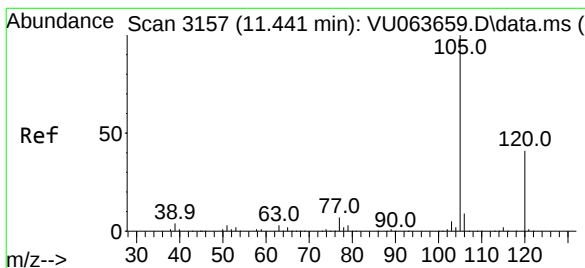
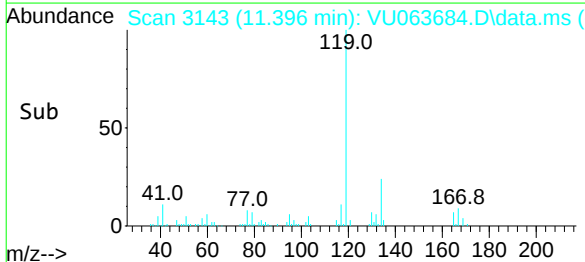
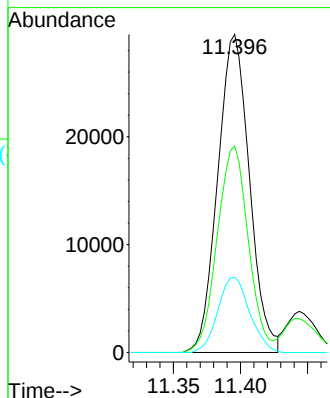
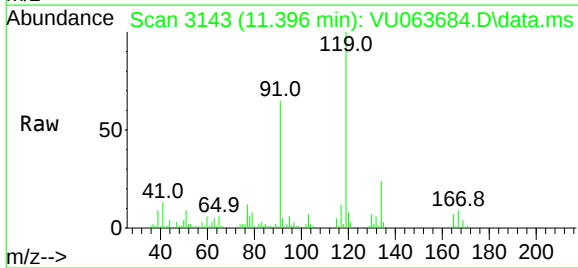
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 48555 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 91        | 63.6  | 31.3  | 93.8  |
| 134       | 23.7  | 18.7  | 28.1  |



#78

1,2,4-Trimethylbenzene

Concen: 0.639 ug/l

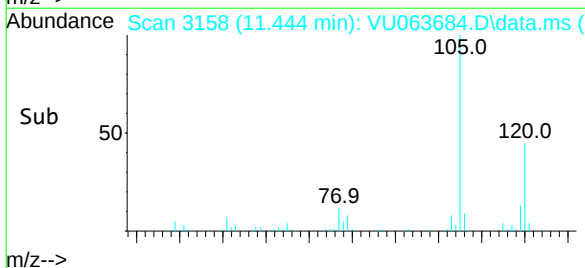
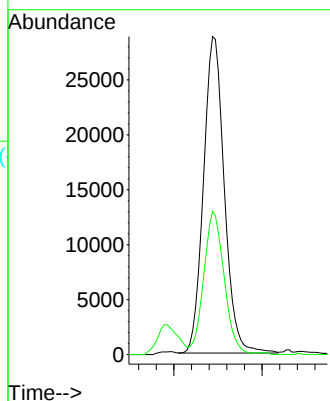
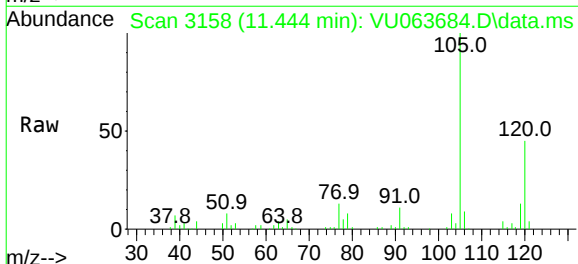
RT: 11.444 min Scan# 3158

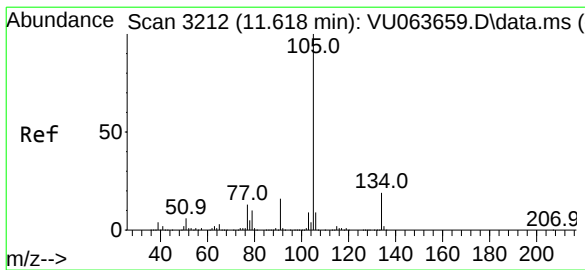
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 105   | Resp: | 47293 |
| Ion Ratio | Lower | Upper |       |
| 105       | 100   |       |       |
| 120       | 43.6  | 22.4  | 67.0  |





#79

sec-Butylbenzene

Concen: 0.644 ug/l

RT: 11.618 min Scan# 3212

Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

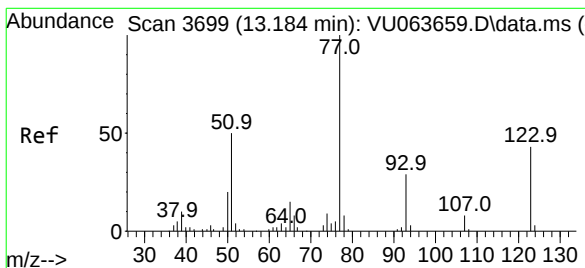
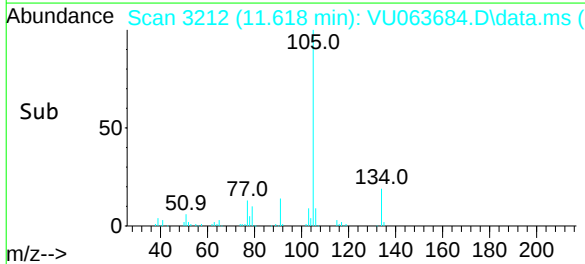
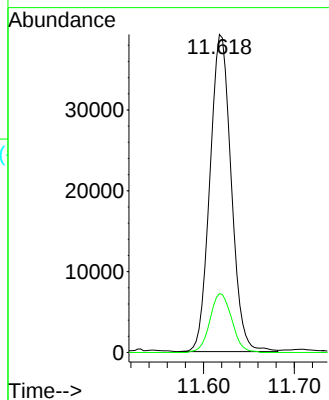
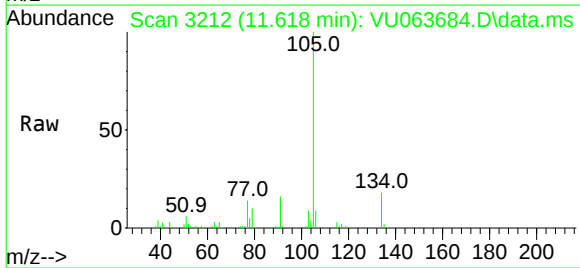
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

Tgt Ion:105 Resp: 64000  
 Ion Ratio Lower Upper  
 105 100  
 134 19.1 15.7 23.5



#80

Nitrobenzene

Concen: 0.213 ug/l

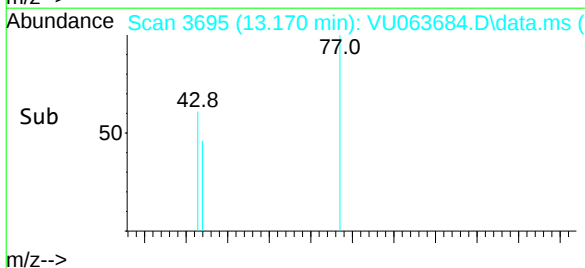
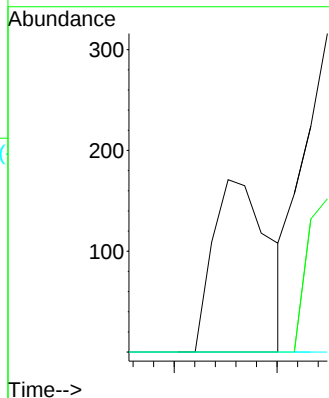
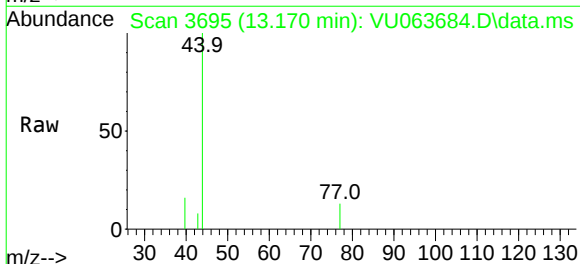
RT: 13.170 min Scan# 3695

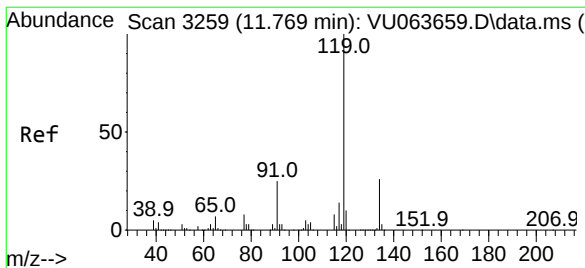
Delta R.T. -0.013 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

Tgt Ion: 77 Resp: 129  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 18.2 64.4#  
 65 0.0 13.6 17.2#





#81

p-Isopropyltoluene

Concen: 0.642 ug/l

RT: 11.769 min Scan# 32

Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

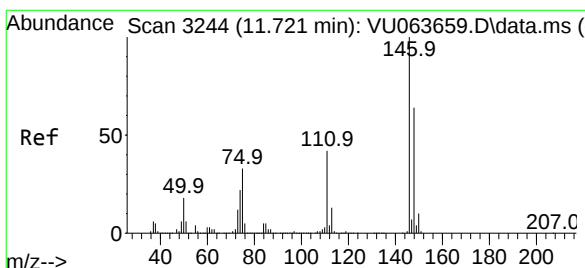
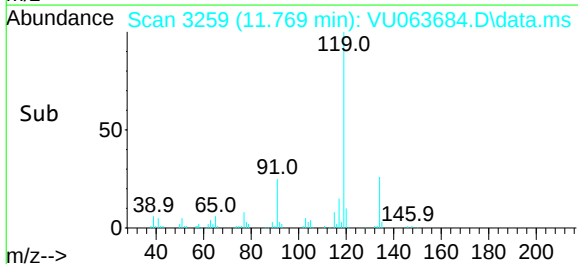
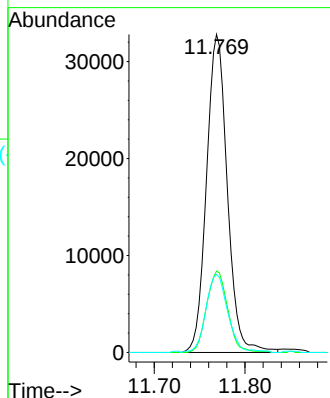
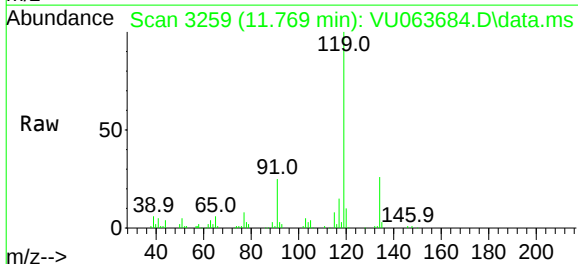
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 119   | Resp: | 52228 |
| Ion Ratio | Lower | Upper |       |
| 119       | 100   |       |       |
| 134       | 25.9  | 20.3  | 30.5  |
| 91        | 25.7  | 20.1  | 30.1  |



#82

1,3-Dichlorobenzene

Concen: 0.682 ug/l

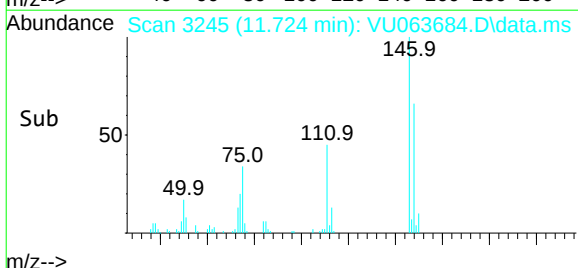
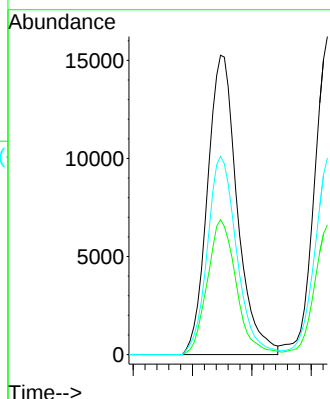
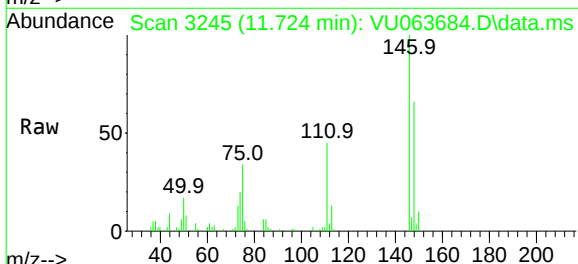
RT: 11.724 min Scan# 3245

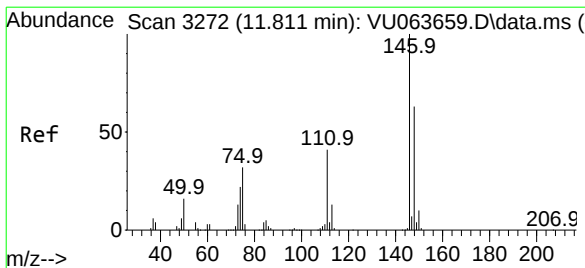
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 26626 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 111       | 43.7  | 33.8  | 50.8  |
| 148       | 65.2  | 50.8  | 76.2  |





#83

1,4-Dichlorobenzene

Concen: 0.727 ug/l

RT: 11.814 min Scan# 3272

Delta R.T. 0.003 min

Lab File: VU063684.D

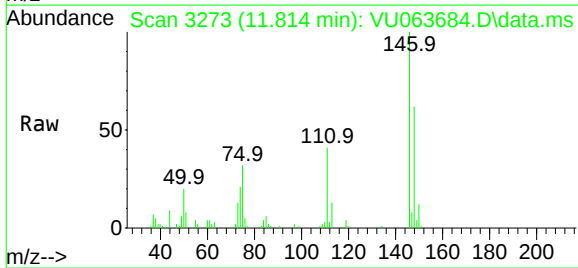
Acq: 07 Nov 2025 13:58

Instrument :

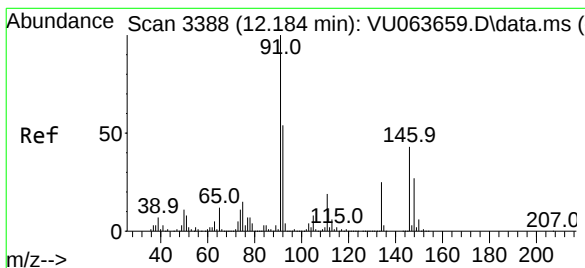
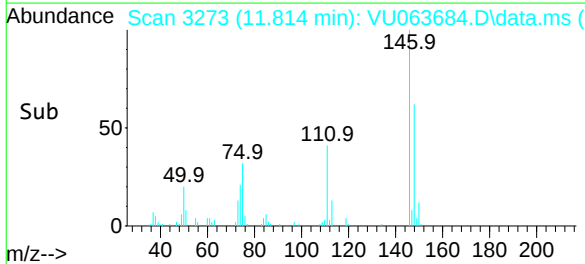
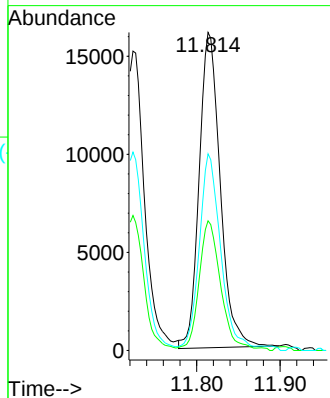
MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 28221 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 40.3  | 33.0  | 49.4  |
| 148      | 60.9  | 50.6  | 76.0  |



#84

n-Butylbenzene

Concen: 0.633 ug/l

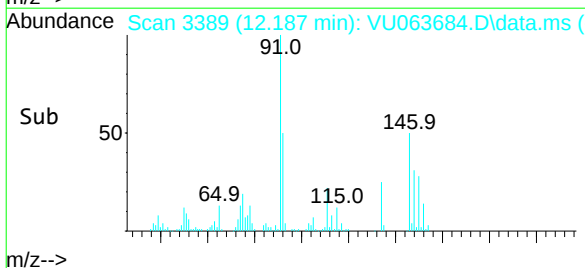
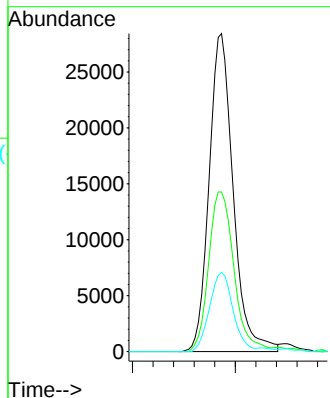
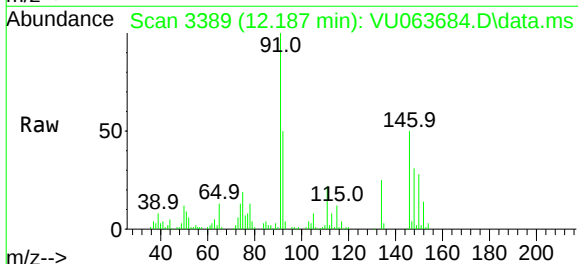
RT: 12.187 min Scan# 3389

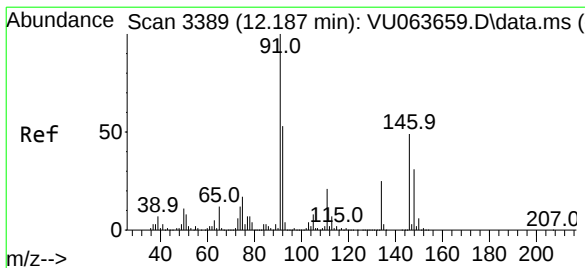
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 46170 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 52.8  | 43.1  | 64.7  |
| 134      | 24.3  | 19.7  | 29.5  |





#85

1,2-Dichlorobenzene

Concen: 0.699 ug/l

RT: 12.190 min Scan# 3389

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

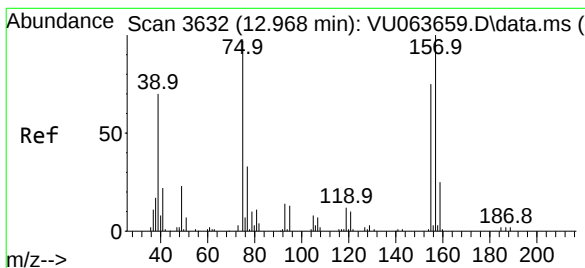
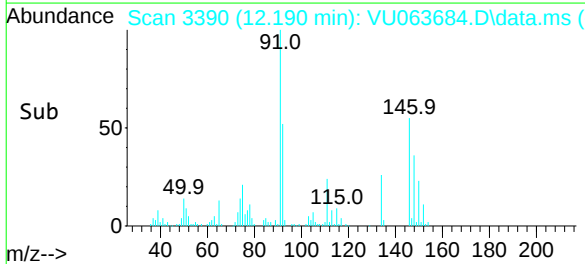
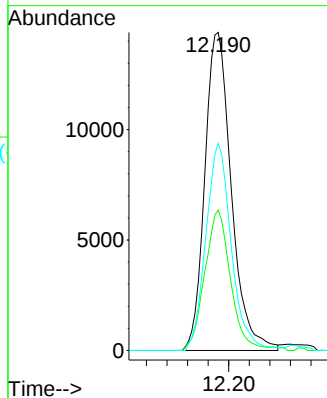
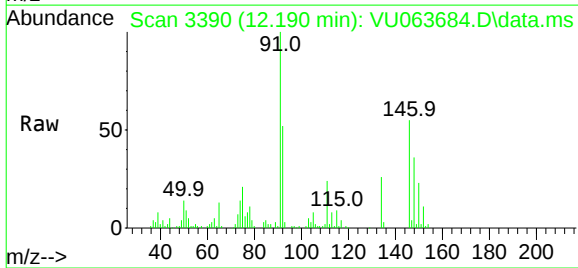
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 25814 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 42.6  | 22.2  | 66.6  |
| 148      | 62.6  | 31.9  | 95.5  |



#86

1,2-Dibromo-3-Chloropropane

Concen: 0.501 ug/l

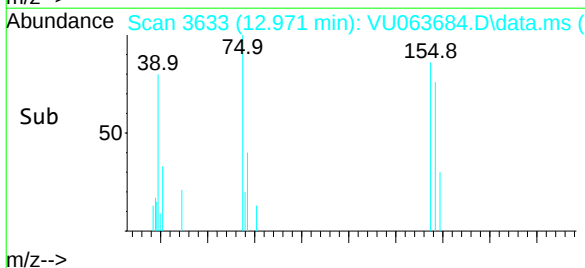
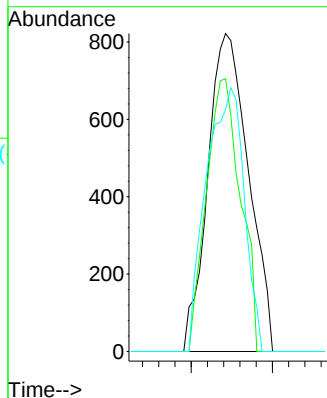
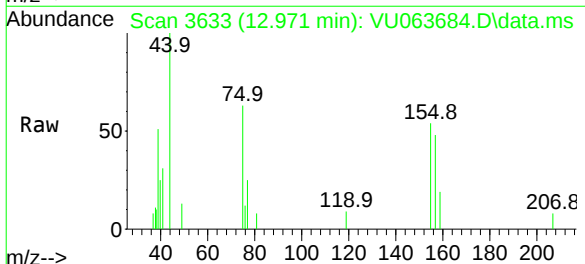
RT: 12.971 min Scan# 3633

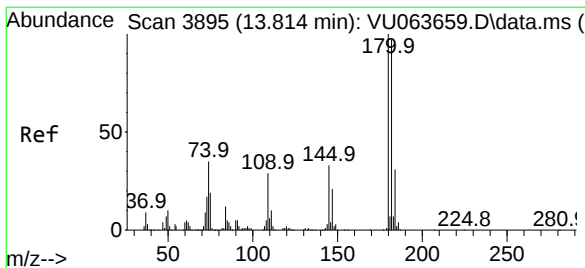
Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 1429   |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 71.9  | 62.2  | 93.4   |
| 157      | 77.3  | 81.3  | 121.9# |





#87

1,2,4-Trichlorobenzene

Concen: 0.666 ug/l

RT: 13.817 min Scan# 3895

Delta R.T. 0.003 min

Lab File: VU063684.D

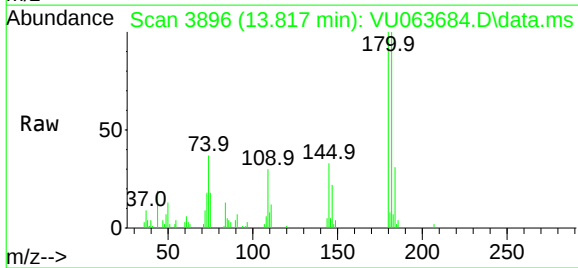
Acq: 07 Nov 2025 13:58

Instrument :

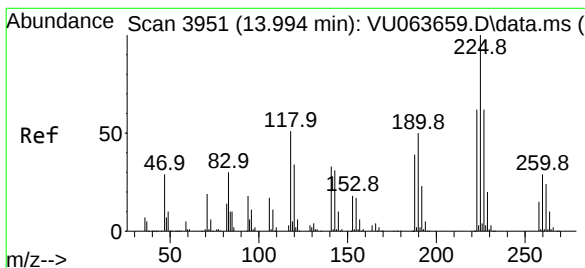
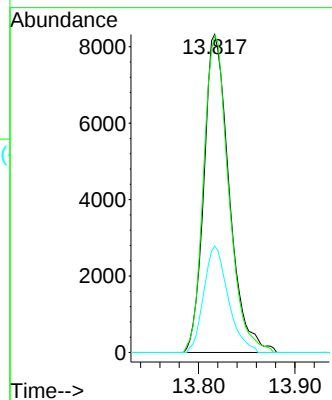
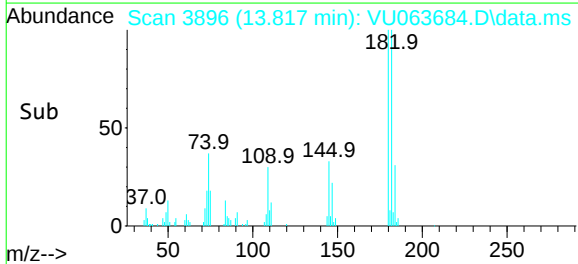
MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 15150 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 99.0  | 76.4  | 114.6 |
| 145       | 32.4  | 26.2  | 39.2  |



#88

Hexachlorobutadiene

Concen: 0.696 ug/l

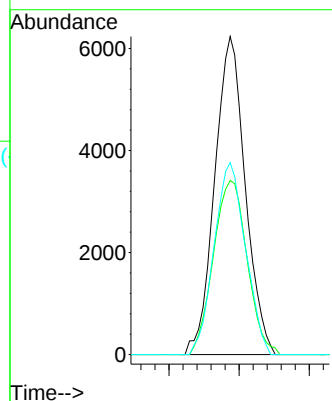
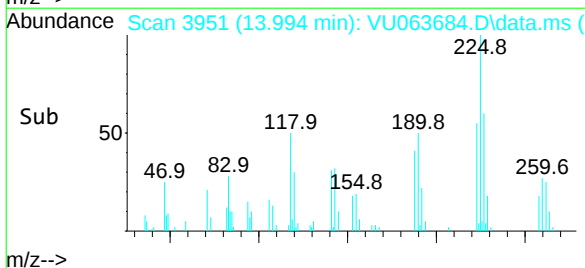
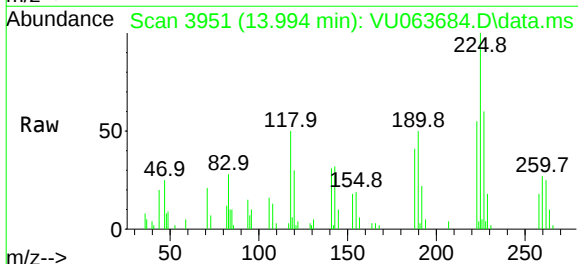
RT: 13.994 min Scan# 3951

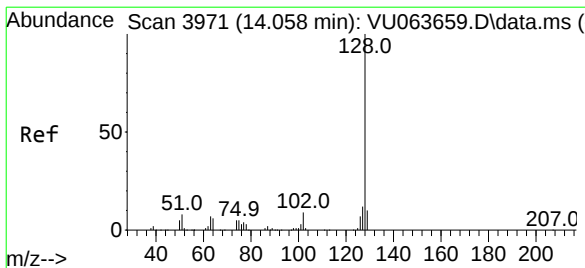
Delta R.T. -0.000 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 225   | Resp: | 9426 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 60.3  | 50.2  | 75.4 |
| 227       | 61.9  | 50.0  | 75.0 |





#89

Naphthalene

Concen: 0.661 ug/l

RT: 14.068 min Scan# 39

Delta R.T. 0.009 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

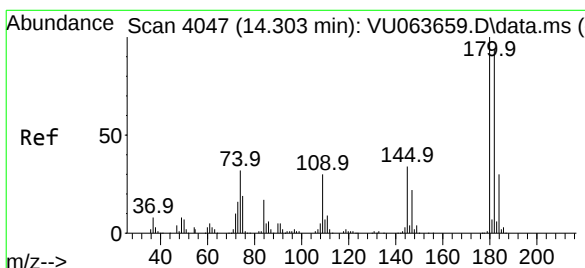
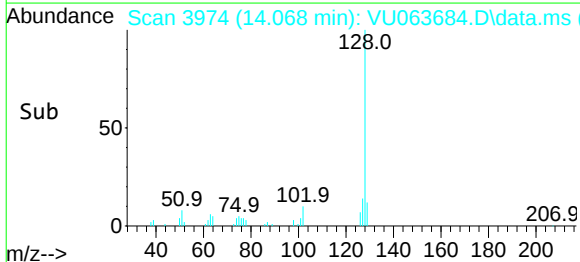
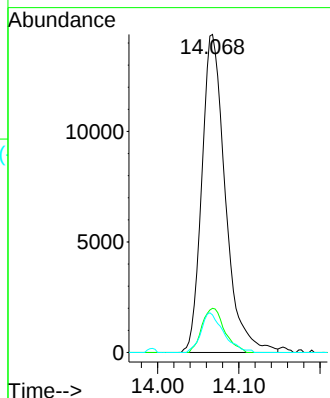
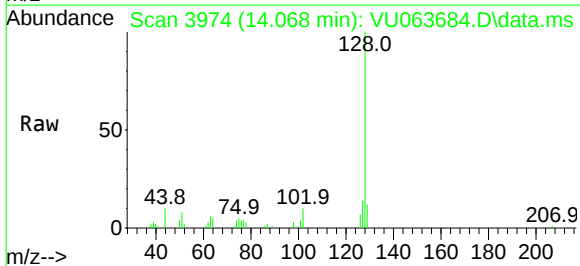
Instrument :

MSVOA\_U

ClientSampleId :

MDL-WATER-03-QT4-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 28940 |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 13.3  | 10.2  | 15.2  |
| 129      | 12.0  | 8.6   | 12.8  |



#90

1,2,3-Trichlorobenzene

Concen: 0.671 ug/l

RT: 14.306 min Scan# 4048

Delta R.T. 0.003 min

Lab File: VU063684.D

Acq: 07 Nov 2025 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 13959 |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 96.7  | 75.4  | 113.0 |
| 145      | 32.8  | 27.4  | 41.2  |

