

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN052725\  
 Data File : VN086786.D  
 Acq On : 27 May 2025 16:07  
 Operator : JC\MD  
 Sample : Q2126-08 1.0PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

Quant Time: May 29 01:51:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 17 00:46:13 2025  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|------------------------------|----------------|------|------------|----------|--------|----------|
| -----                        |                |      |            |          |        |          |
| Internal Standards           |                |      |            |          |        |          |
| 1) Pentafluorobenzene        | 8.224          | 168  | 216575     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 9.100          | 114  | 388450     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.865         | 117  | 338953     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.788         | 152  | 143585     | 50.000   | ug/l   | 0.00     |
|                              |                |      |            |          |        |          |
| System Monitoring Compounds  |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.577          | 65   | 142314     | 47.554   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 74 - 125 |      | Recovery = | 95.100%  |        |          |
| 35) Dibromofluoromethane     | 8.165          | 113  | 114455     | 49.475   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 75 - 124 |      | Recovery = | 98.960%  |        |          |
| 50) Toluene-d8               | 10.565         | 98   | 485555     | 50.648   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 86 - 113 |      | Recovery = | 101.300% |        |          |
| 62) 4-Bromofluorobenzene     | 12.847         | 95   | 163597     | 48.329   | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 77 - 121 |      | Recovery = | 96.660%  |        |          |
|                              |                |      |            |          |        |          |
| Target Compounds             |                |      |            |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 2.124          | 85   | 2057       | 0.879    | ug/l   | 77       |
| 3) Chloromethane             | 2.359          | 50   | 3893       | 1.100    | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.512          | 62   | 2963       | 0.933    | ug/l # | 88       |
| 5) Bromomethane              | 2.953          | 94   | 2319       | 1.266    | ug/l   | 97       |
| 6) Chloroethane              | 3.124          | 64   | 1922       | 0.923    | ug/l # | 88       |
| 7) Trichlorofluoromethane    | 3.495          | 101  | 3824       | 1.007    | ug/l # | 74       |
| 8) Diethyl Ether             | 3.959          | 74   | 1680       | 1.071    | ug/l   | 81       |
| 9) 1,1,2-Trichlorotrifluo... | 4.359          | 101  | 1202       | 0.529    | ug/l # | 62       |
| 10) Methyl Iodide            | 4.589          | 142  | 3100       | 1.096    | ug/l # | 88       |
| 11) Tert butyl alcohol       | 5.524          | 59   | 2030       | 3.724    | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 4.336          | 96   | 2391       | 0.990    | ug/l   | 87       |
| 13) Acrolein                 | 4.177          | 56   | 1738       | 2.983    | ug/l   | 97       |
| 14) Allyl chloride           | 5.024          | 41   | 3869       | 1.058    | ug/l   | 85       |
| 15) Acrylonitrile            | 5.730          | 53   | 6072       | 4.499    | ug/l # | 85       |
| 16) Acetone                  | 4.424          | 43   | 5057       | 4.517    | ug/l   | 90       |
| 17) Carbon Disulfide         | 4.712          | 76   | 7172       | 1.072    | ug/l   | 97       |
| 18) Methyl Acetate           | 5.036          | 43   | 10314      | 3.292    | ug/l   | 95       |
| 19) Methyl tert-butyl Ether  | 5.789          | 73   | 7924       | 0.963    | ug/l # | 83       |
| 20) Methylene Chloride       | 5.283          | 84   | 2927       | 0.991    | ug/l # | 91       |
| 21) trans-1,2-Dichloroethene | 5.777          | 96   | 2347       | 0.919    | ug/l   | 89       |
| 22) Diisopropyl ether        | 6.665          | 45   | 7447       | 0.903    | ug/l   | 95       |
| 23) Vinyl Acetate            | 6.594          | 43   | 16105      | 2.598    | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.565          | 63   | 4846       | 1.001    | ug/l # | 82       |
| 25) 2-Butanone               | 7.488          | 43   | 7506       | 4.339    | ug/l # | 88       |
| 26) 2,2-Dichloropropane      | 7.483          | 77   | 3893       | 0.974    | ug/l   | 92       |
| 27) cis-1,2-Dichloroethene   | 7.488          | 96   | 3059       | 0.976    | ug/l   | 93       |
| 28) Bromochloromethane       | 7.806          | 49   | 2146       | 0.975    | ug/l # | 97       |
| 29) Tetrahydrofuran          | 7.847          | 42   | 4967       | 4.399    | ug/l   | 97       |
| 30) Chloroform               | 7.971          | 83   | 4592       | 0.947    | ug/l   | 98       |
| 31) Cyclohexane              | 8.224          | 56   | 4326       | 0.963    | ug/l # | 1        |
| 32) 1,1,1-Trichloroethane    | 8.165          | 97   | 4182       | 1.023    | ug/l # | 41       |
| 36) 1,1-Dichloropropene      | 8.371          | 75   | 3343       | 0.980    | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.565          | 43   | 2987       | 0.867    | ug/l # | 84       |
| 38) Carbon Tetrachloride     | 8.353          | 117  | 3410       | 1.014    | ug/l   | 91       |
| 39) Methylcyclohexane        | 9.600          | 83   | 3654       | 0.989    | ug/l   | 92       |
| 40) Benzene                  | 8.606          | 78   | 11465      | 1.030    | ug/l   | 96       |

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 Sample : Q2126-08 1.0PPB  
 Misc : 5.0mL/MSVOA\_N/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

Quant Time: May 29 01:51:24 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat May 17 00:46:13 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 7.783  | 41   | 1436     | 0.772  | ug/l # | 48       |
| 42) 1,2-Dichloroethane        | 8.671  | 62   | 3623     | 1.045  | ug/l   | 98       |
| 43) Isopropyl Acetate         | 8.683  | 43   | 8921     | 1.291  | ug/l # | 85       |
| 44) Trichloroethene           | 9.347  | 130  | 3280     | 1.222  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.624  | 63   | 2500     | 0.945  | ug/l   | 92       |
| 46) Dibromomethane            | 9.706  | 93   | 1734     | 0.972  | ug/l   | 96       |
| 47) Bromodichloromethane      | 9.888  | 83   | 3743     | 1.018  | ug/l # | 96       |
| 48) Methyl methacrylate       | 9.682  | 41   | 2245     | 0.838  | ug/l   | 96       |
| 49) 1,4-Dioxane               | 9.694  | 88   | 871      | 15.362 | ug/l # | 87       |
| 51) 4-Methyl-2-Pentanone      | 10.441 | 43   | 14978    | 4.298  | ug/l   | 98       |
| 52) Toluene                   | 10.629 | 92   | 7232     | 1.045  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.829 | 75   | 3613     | 0.928  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.312 | 75   | 4218     | 0.993  | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane     | 11.012 | 97   | 2456     | 0.952  | ug/l # | 85       |
| 56) Ethyl methacrylate        | 10.871 | 69   | 3778     | 0.912  | ug/l # | 90       |
| 57) 1,3-Dichloropropane       | 11.159 | 76   | 4327     | 0.973  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether | 10.159 | 63   | 7911     | 4.272  | ug/l   | 98       |
| 59) 2-Hexanone                | 11.194 | 43   | 10346    | 4.066  | ug/l   | 97       |
| 60) Dibromochloromethane      | 11.359 | 129  | 2804     | 1.037  | ug/l   | 94       |
| 61) 1,2-Dibromoethane         | 11.471 | 107  | 2380     | 0.918  | ug/l   | 91       |
| 64) Tetrachloroethene         | 11.100 | 164  | 3869     | 1.490  | ug/l   | 90       |
| 65) Chlorobenzene             | 11.888 | 112  | 7800     | 1.049  | ug/l # | 87       |
| 66) 1,1,1,2-Tetrachloroethane | 11.959 | 131  | 2343     | 0.976  | ug/l # | 62       |
| 67) Ethyl Benzene             | 11.959 | 91   | 12340    | 0.969  | ug/l   | 93       |
| 68) m/p-Xylenes               | 12.065 | 106  | 9399     | 1.949  | ug/l   | 94       |
| 69) o-Xylene                  | 12.394 | 106  | 4507     | 0.940  | ug/l   | 98       |
| 70) Styrene                   | 12.406 | 104  | 7392     | 0.942  | ug/l   | 95       |
| 71) Bromoform                 | 12.570 | 173  | 1834     | 1.075  | ug/l # | 94       |
| 73) Isopropylbenzene          | 12.694 | 105  | 9863     | 0.889  | ug/l   | 97       |
| 74) N-amyl acetate            | 12.494 | 43   | 3750     | 0.809  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 12.935 | 83   | 2293     | 0.673  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane    | 12.982 | 75   | 4667     | 1.437  | ug/l   | 67       |
| 77) Bromobenzene              | 12.976 | 156  | 2678     | 0.960  | ug/l   | 89       |
| 78) n-propylbenzene           | 13.029 | 91   | 11645    | 0.915  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 13.123 | 91   | 8432     | 1.019  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene    | 13.170 | 105  | 7940     | 0.894  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 12.847 | 75   | 77174    | 59.976 | ug/l # | 15       |
| 82) 4-Chlorotoluene           | 13.218 | 91   | 8255     | 1.007  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 13.435 | 119  | 7171     | 0.925  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene    | 13.476 | 105  | 7720     | 0.873  | ug/l   | 97       |
| 85) sec-Butylbenzene          | 13.612 | 105  | 9662     | 0.930  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 13.729 | 119  | 7412     | 0.870  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.729 | 146  | 5229     | 1.082  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 13.729 | 146  | 5229     | 1.093  | ug/l   | 93       |
| 89) n-Butylbenzene            | 14.053 | 91   | 6525     | 0.924  | ug/l   | 97       |
| 90) Hexachloroethane          | 14.329 | 117  | 1348     | 0.954  | ug/l   | 88       |
| 91) 1,2-Dichlorobenzene       | 14.100 | 146  | 5096     | 1.109  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.712 | 75   | 409      | 0.725  | ug/l   | 78       |
| 93) 1,2,4-Trichlorobenzene    | 15.388 | 180  | 2090     | 1.078  | ug/l   | 87       |
| 94) Hexachlorobutadiene       | 15.494 | 225  | 921      | 1.145  | ug/l   | 87       |
| 95) Naphthalene               | 15.635 | 128  | 7324     | 1.088  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 15.835 | 180  | 1916     | 1.009  | ug/l   | 96       |

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Sample : Q2126-08 1.0PPB  
Misc : 5.0mL/MSVOA\_N/WATER  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

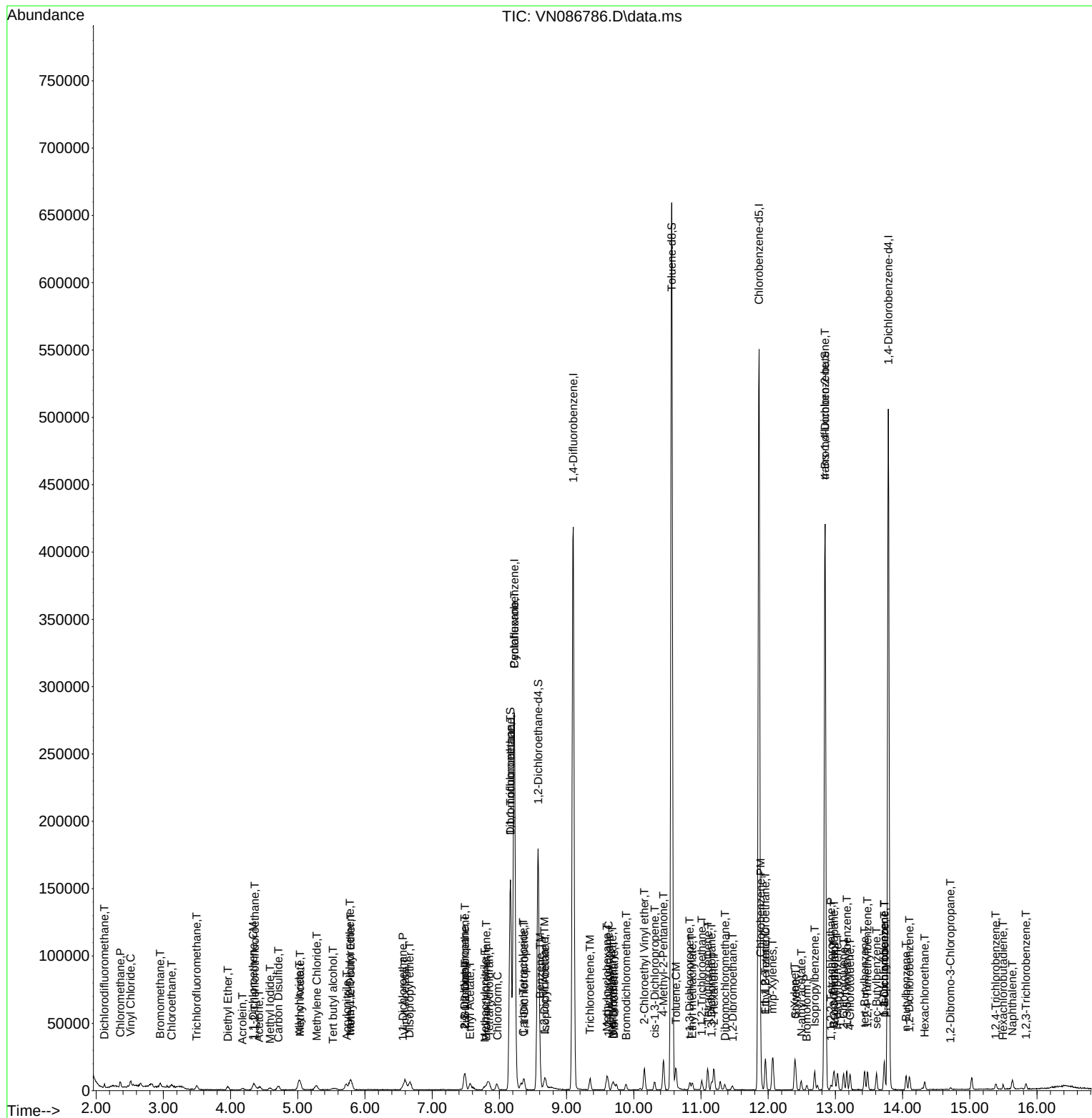
Quant Time: May 29 01:51:24 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N051625W.M  
Quant Title : SW846 8260  
QLast Update : Sat May 17 00:46:13 2025  
Response via : Initial Calibration

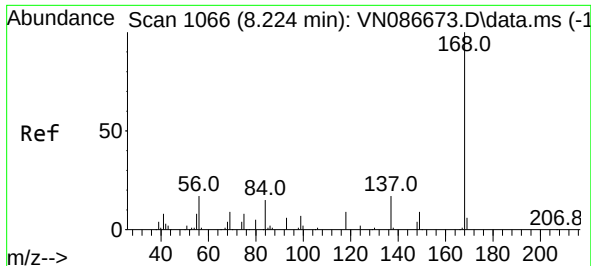
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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Quant Title : SW846 8260  
QLast Update : Sat May 17 00:46:13 2025  
Response via : Initial Calibration

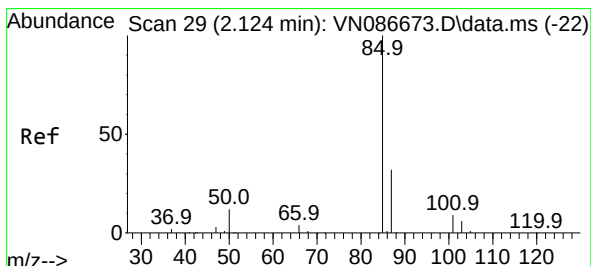
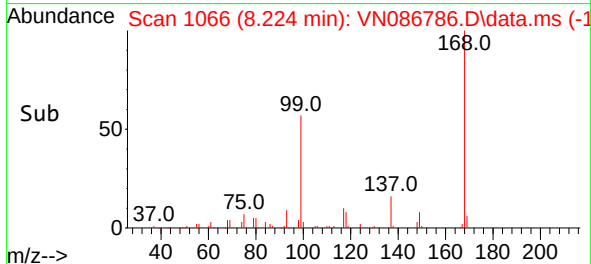
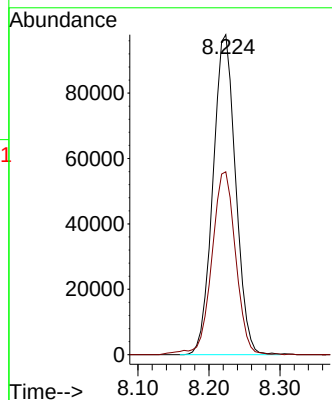
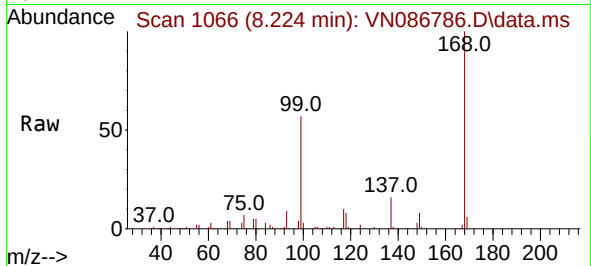




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

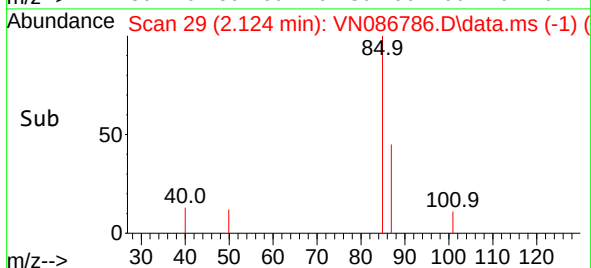
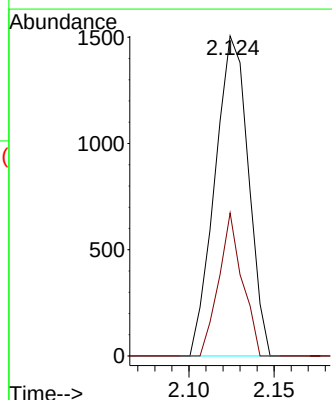
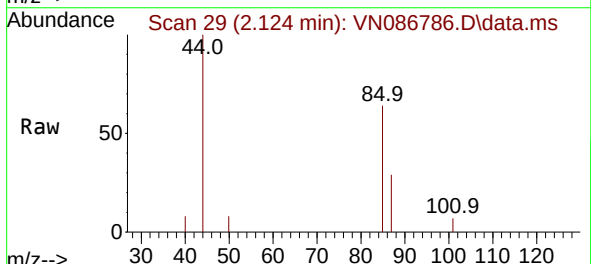
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

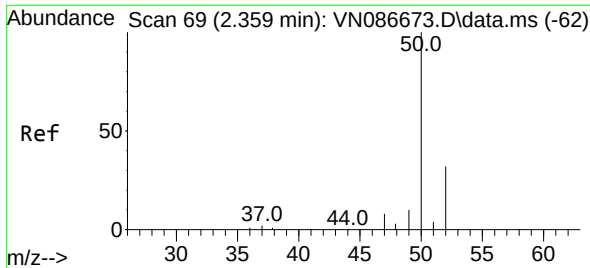
Tgt Ion:168 Resp: 216575  
Ion Ratio Lower Upper  
168 100  
99 57.0 47.0 70.4



#2  
Dichlorodifluoromethane  
Concen: 0.879 ug/l  
RT: 2.124 min Scan# 29  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 85 Resp: 2057  
Ion Ratio Lower Upper  
85 100  
87 44.7 15.9 47.6

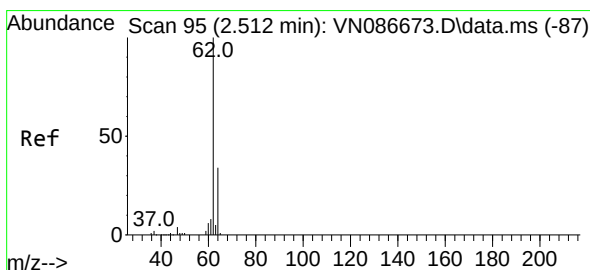
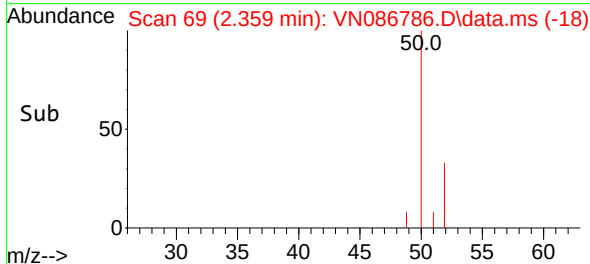
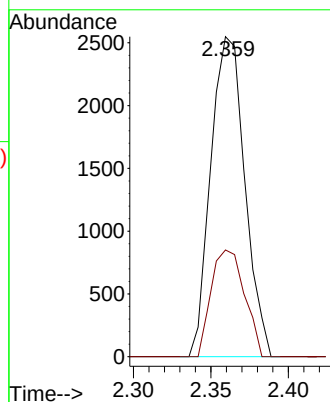
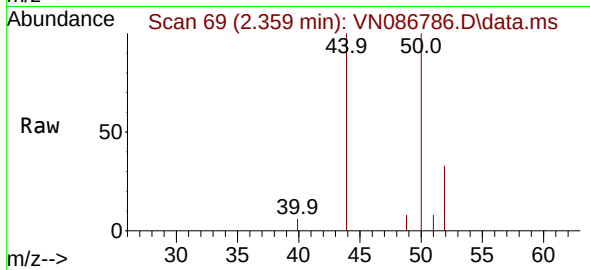




#3  
Chloromethane  
Concen: 1.100 ug/l  
RT: 2.359 min Scan# 69  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

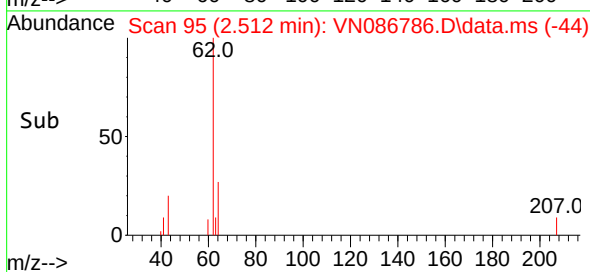
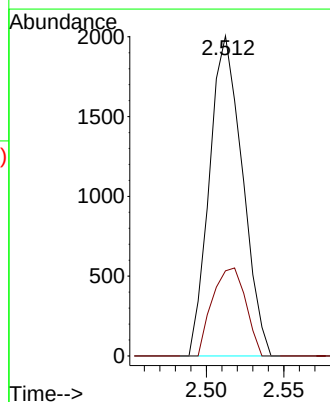
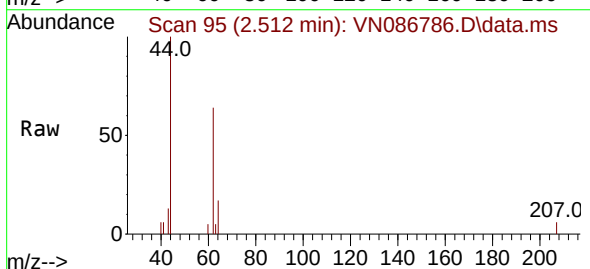
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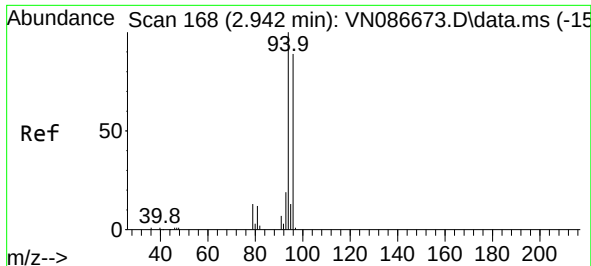
Tgt Ion: 50 Resp: 3893  
Ion Ratio Lower Upper  
50 100  
52 33.4 25.9 38.9



#4  
Vinyl Chloride  
Concen: 0.933 ug/l  
RT: 2.512 min Scan# 95  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 62 Resp: 2963  
Ion Ratio Lower Upper  
62 100  
64 26.6 26.9 40.3#

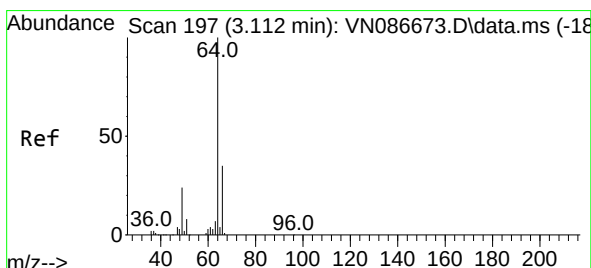
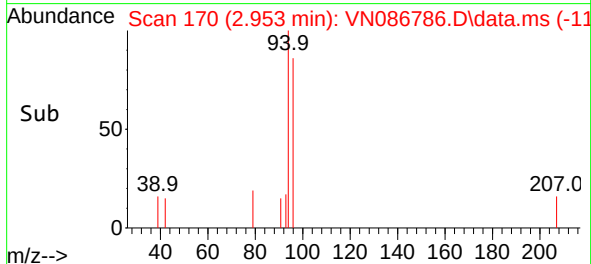
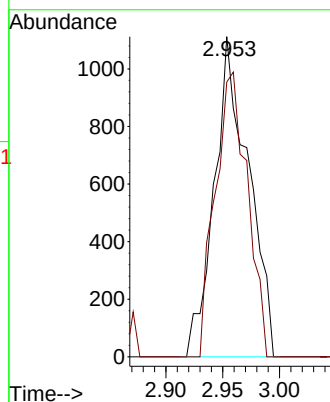
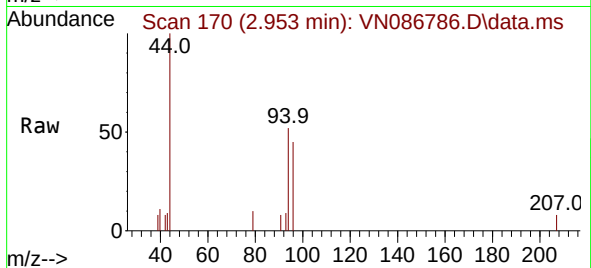




#5  
Bromomethane  
Concen: 1.266 ug/l  
RT: 2.953 min Scan# 11  
Delta R.T. 0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

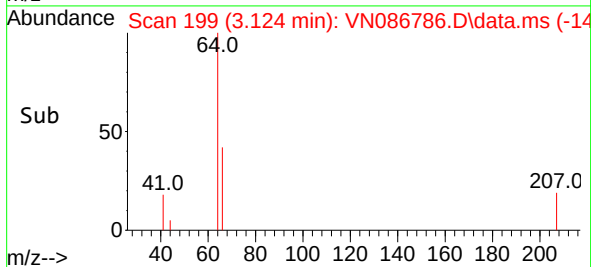
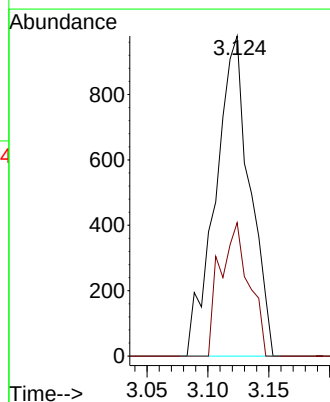
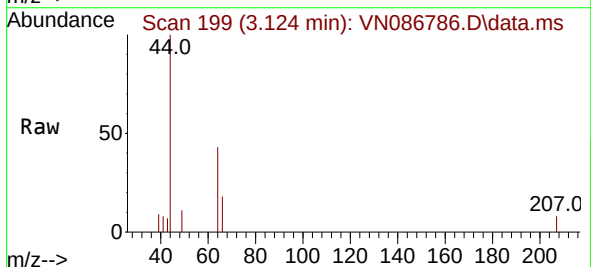
Instrument :  
MSVOA\_N  
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LOQ-WATER-02-QT2-2025

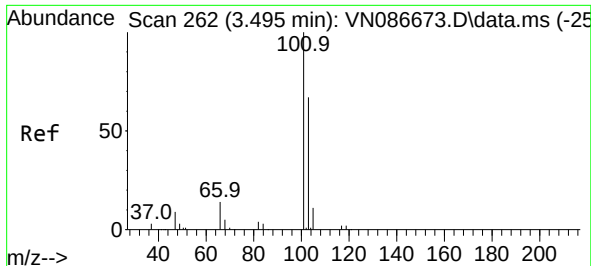
Tgt Ion: 94 Resp: 2319  
Ion Ratio Lower Upper  
94 100  
96 85.8 71.2 106.8



#6  
Chloroethane  
Concen: 0.923 ug/l  
RT: 3.124 min Scan# 199  
Delta R.T. 0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 64 Resp: 1922  
Ion Ratio Lower Upper  
64 100  
66 41.7 27.7 41.5#

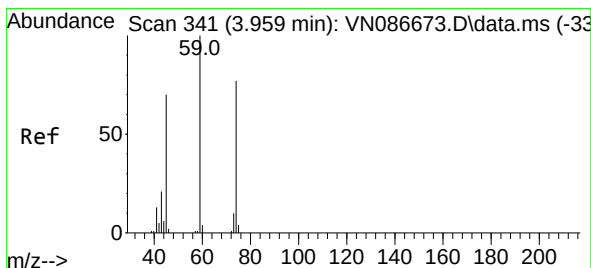
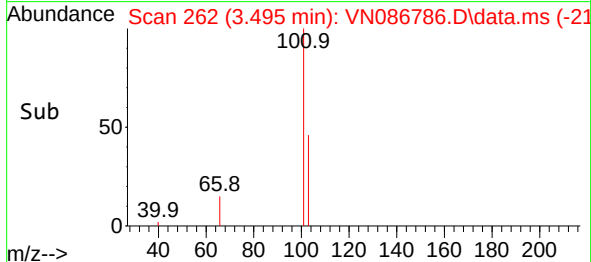
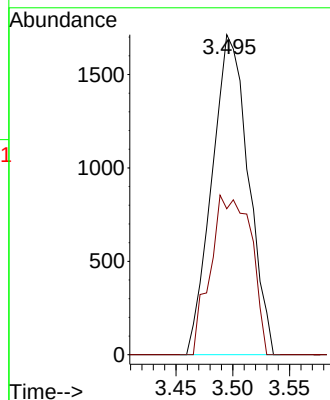
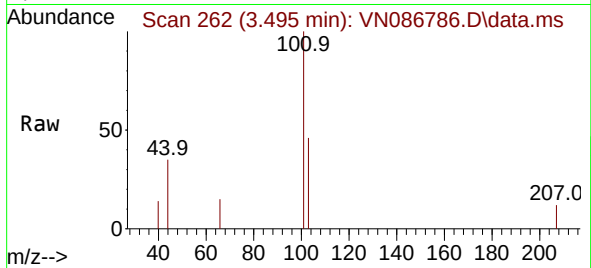




#7  
 Trichlorofluoromethane  
 Concen: 1.007 ug/l  
 RT: 3.495 min Scan# 262  
 Delta R.T. -0.000 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

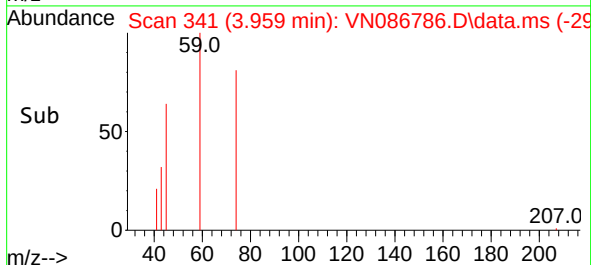
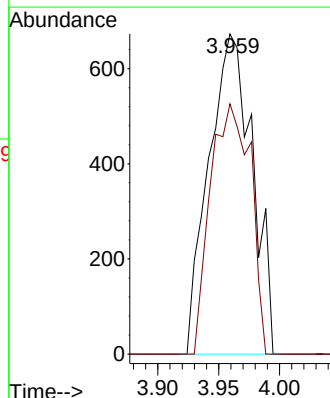
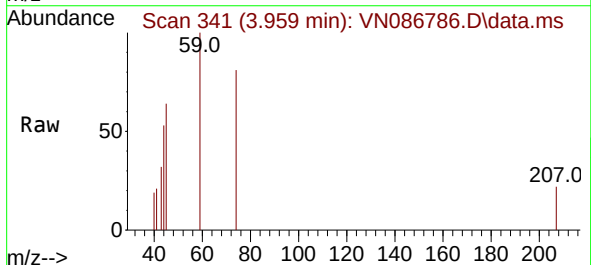
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

Tgt Ion:101 Resp: 3824  
 Ion Ratio Lower Upper  
 101 100  
 103 45.6 53.4 80.0#

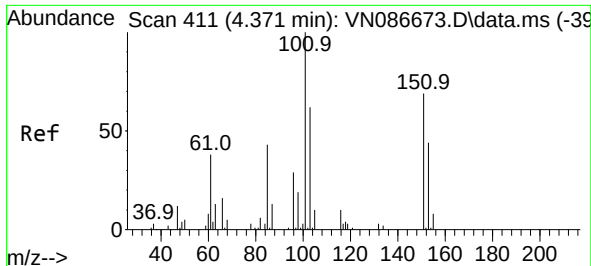


#8  
 Diethyl Ether  
 Concen: 1.071 ug/l  
 RT: 3.959 min Scan# 341  
 Delta R.T. -0.000 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

Tgt Ion: 74 Resp: 1680  
 Ion Ratio Lower Upper  
 74 100  
 45 71.9 45.0 135.0



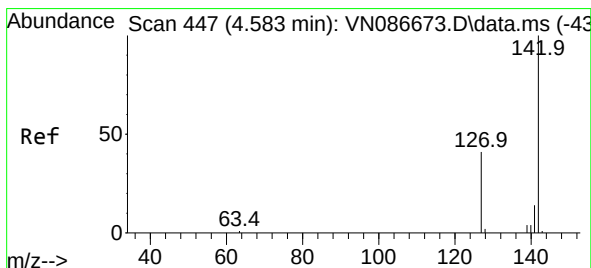
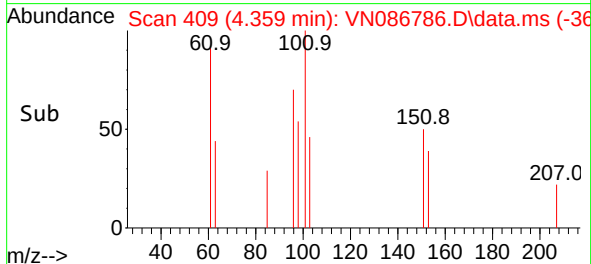
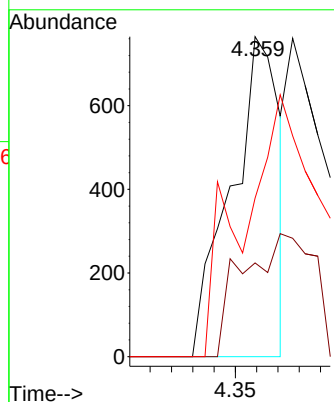
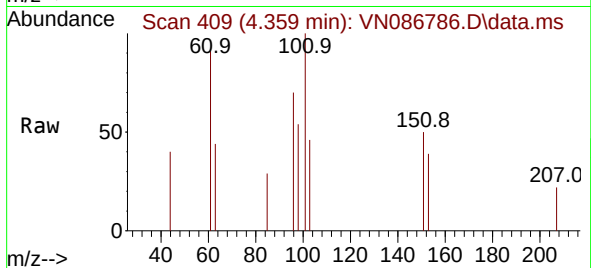




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.529 ug/l  
RT: 4.359 min Scan# 409  
Delta R.T. -0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

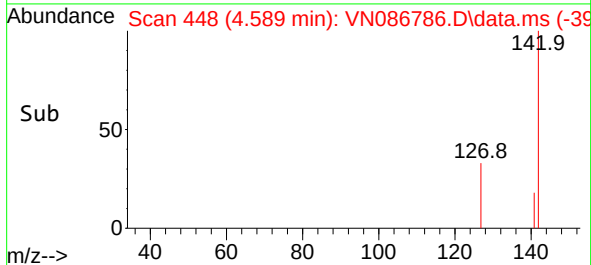
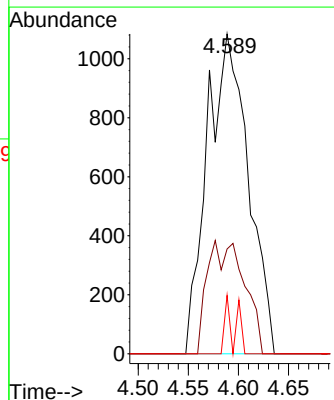
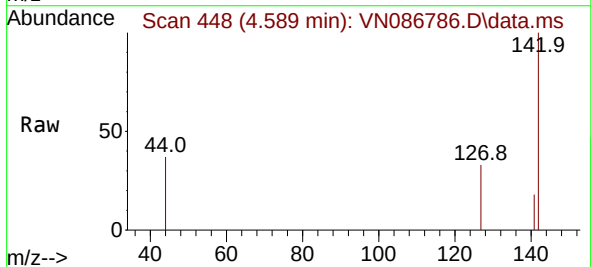
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

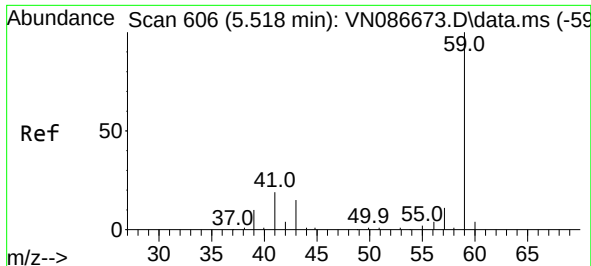
Tgt Ion:101 Resp: 1202  
Ion Ratio Lower Upper  
101 100  
85 56.4 35.0 52.6#  
151 113.6 58.1 87.1#



#10  
Methyl Iodide  
Concen: 1.096 ug/l  
RT: 4.589 min Scan# 448  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:142 Resp: 3100  
Ion Ratio Lower Upper  
142 100  
127 32.7 32.4 48.6  
141 18.3 11.4 17.2#

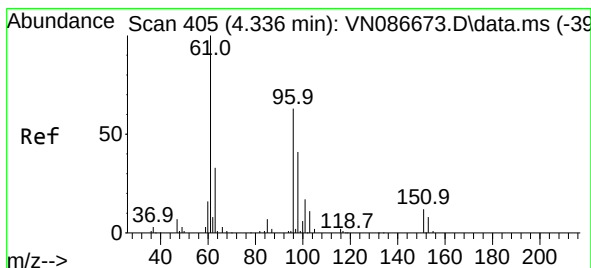
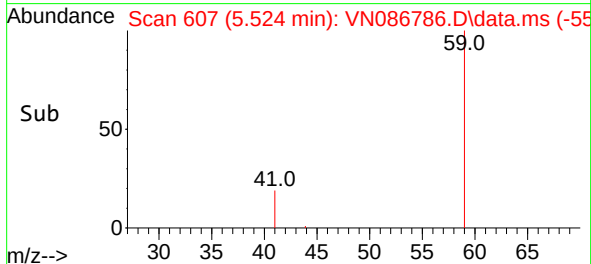
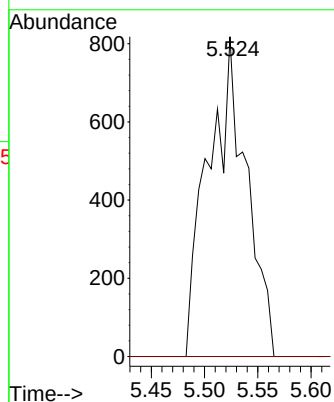
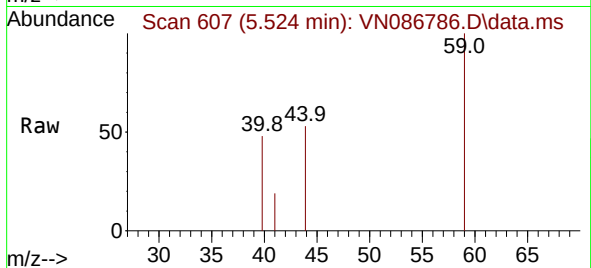




#11  
Tert butyl alcohol  
Concen: 3.724 ug/l  
RT: 5.524 min Scan# 606  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

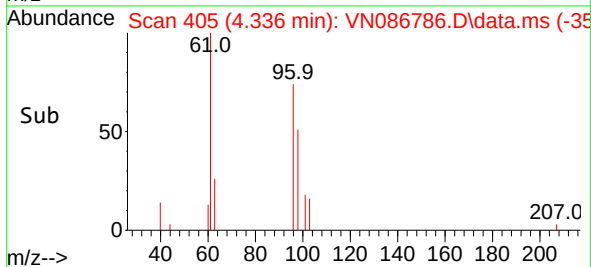
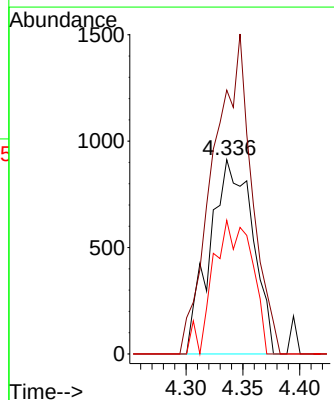
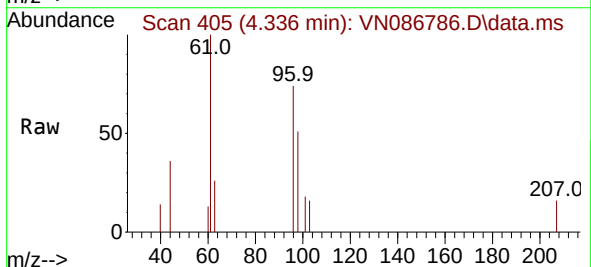
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

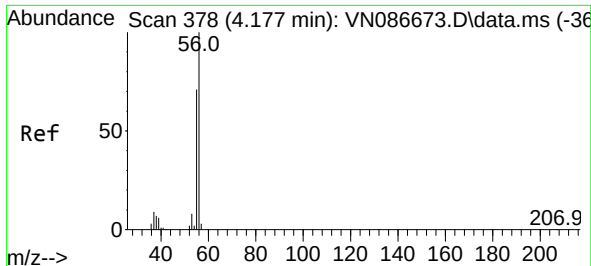
Tgt Ion: 59 Resp: 2030  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.2 12.2#



#12  
1,1-Dichloroethene  
Concen: 0.990 ug/l  
RT: 4.336 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 96 Resp: 2391  
Ion Ratio Lower Upper  
96 100  
61 135.8 126.2 189.2  
98 68.8 51.5 77.3





#13

Acrolein

Concen: 2.983 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

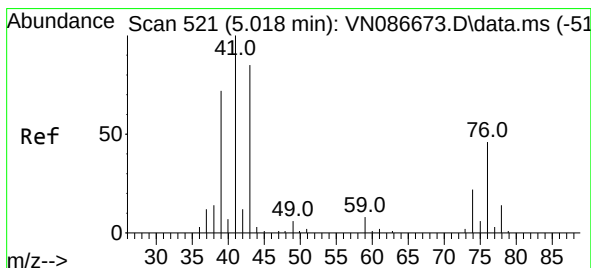
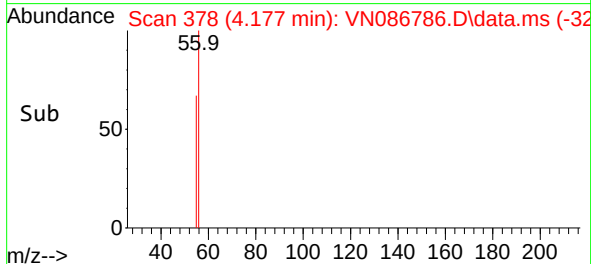
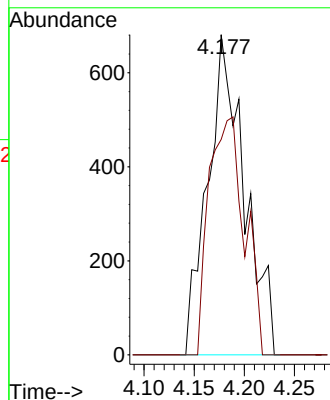
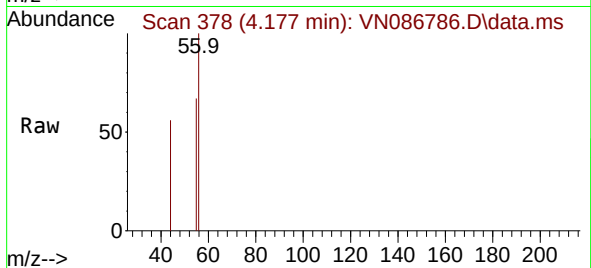
LOQ-WATER-02-QT2-2025

Tgt Ion: 56 Resp: 1738

Ion Ratio Lower Upper

56 100

55 71.9 55.7 83.5



#14

Allyl chloride

Concen: 1.058 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

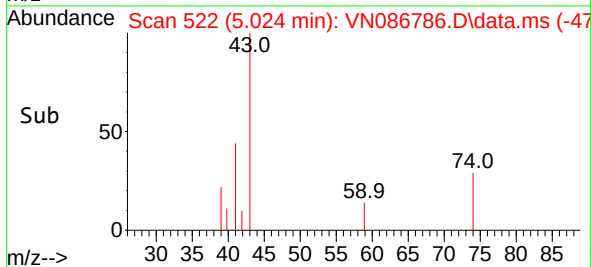
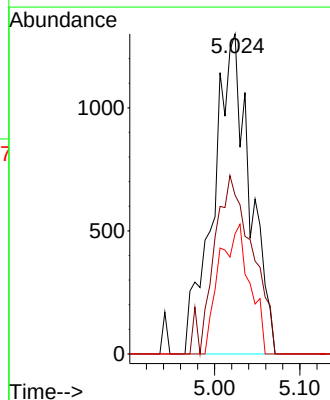
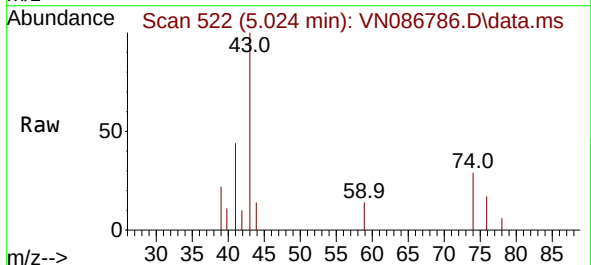
Tgt Ion: 41 Resp: 3869

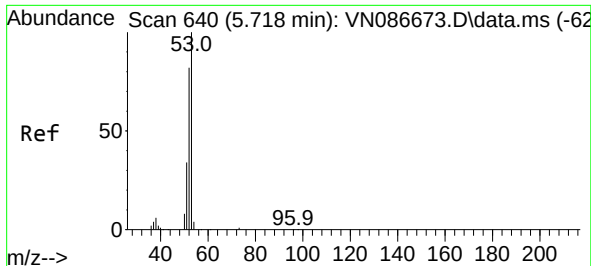
Ion Ratio Lower Upper

41 100

39 58.4 57.4 86.0

76 33.9 33.2 49.8

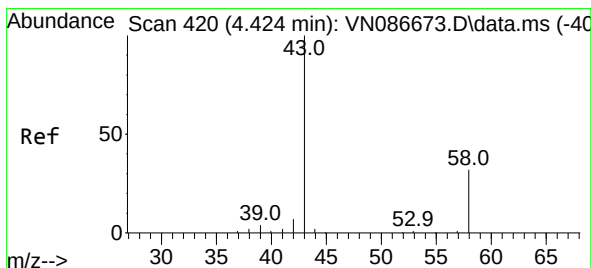
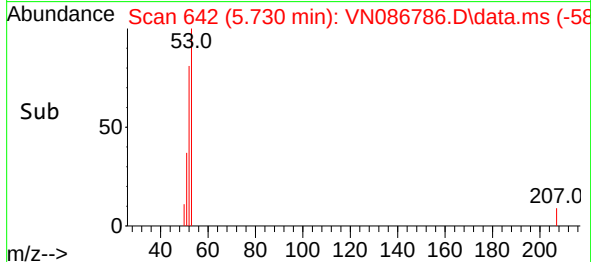
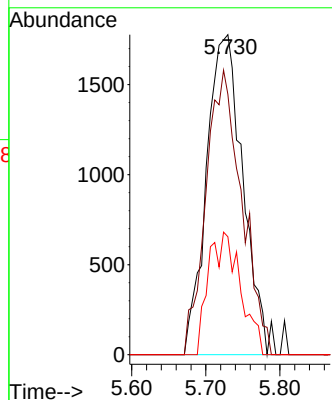
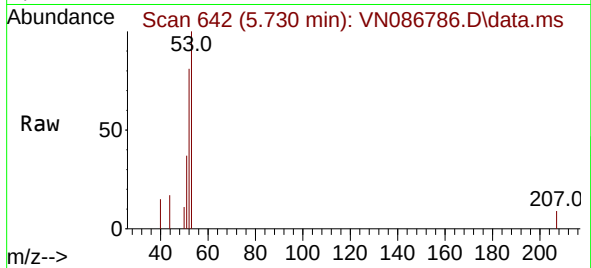




#15  
Acrylonitrile  
Concen: 4.499 ug/l  
RT: 5.730 min Scan# 640  
Delta R.T. 0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

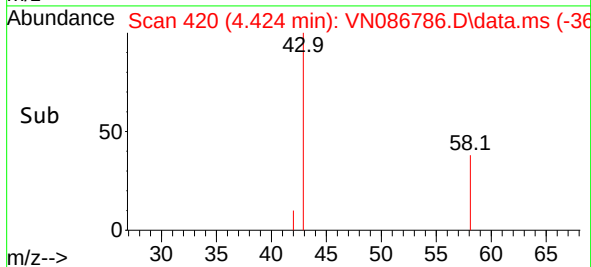
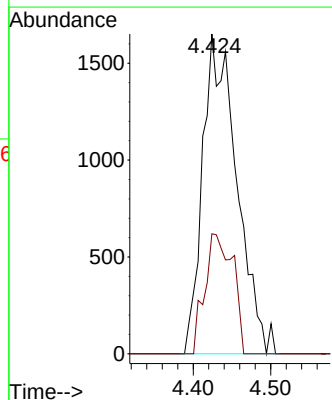
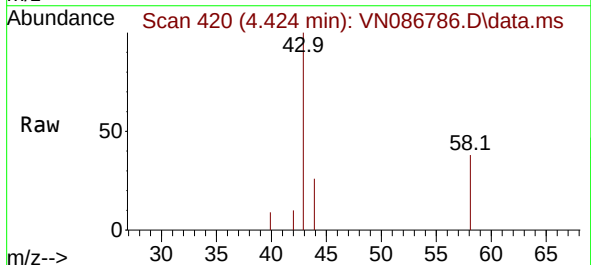
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

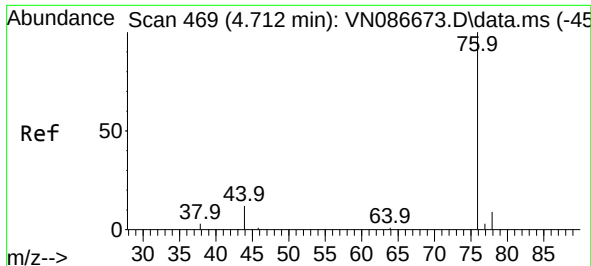
Tgt Ion: 53 Resp: 6072  
Ion Ratio Lower Upper  
53 100  
52 87.3 65.4 98.2  
51 13.4 27.9 41.9#



#16  
Acetone  
Concen: 4.517 ug/l  
RT: 4.424 min Scan# 420  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 43 Resp: 5057  
Ion Ratio Lower Upper  
43 100  
58 37.6 25.8 38.6

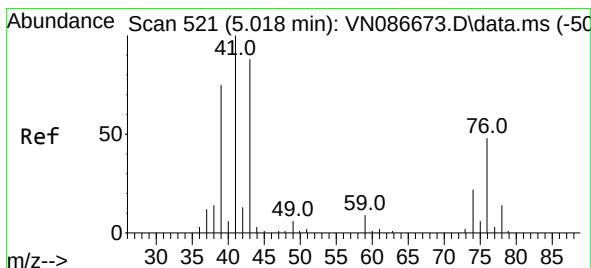
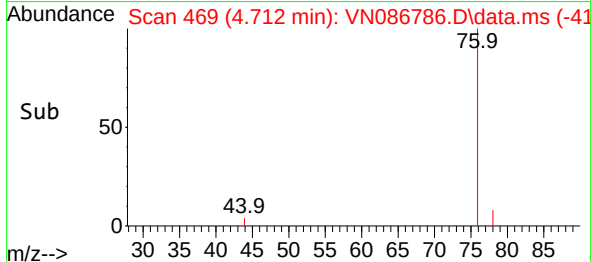
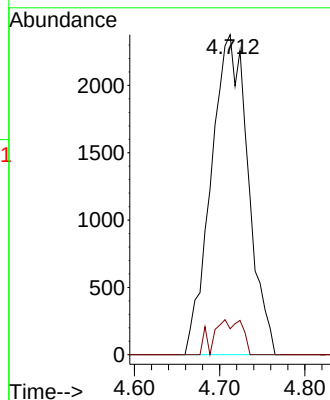
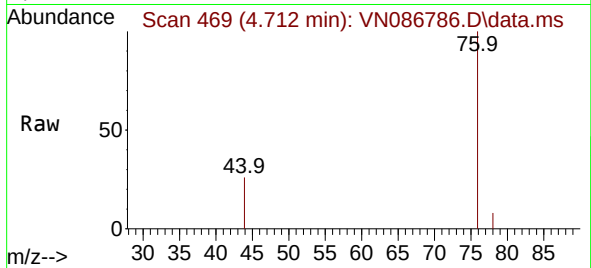




#17  
Carbon Disulfide  
Concen: 1.072 ug/l  
RT: 4.712 min Scan# 41  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

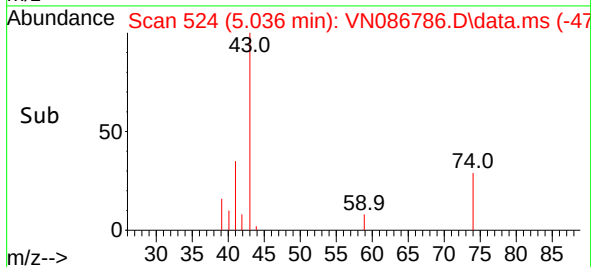
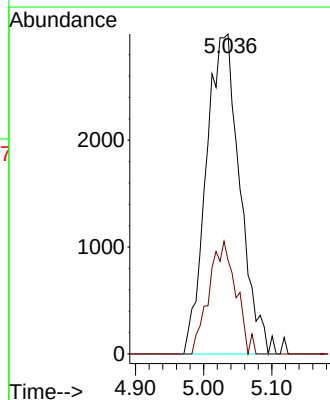
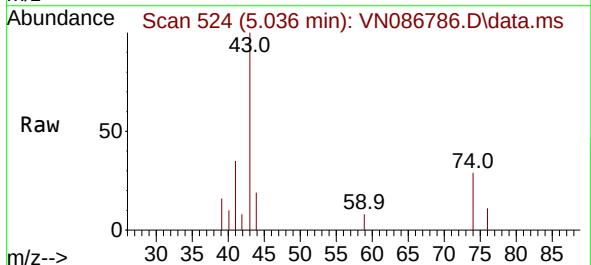
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

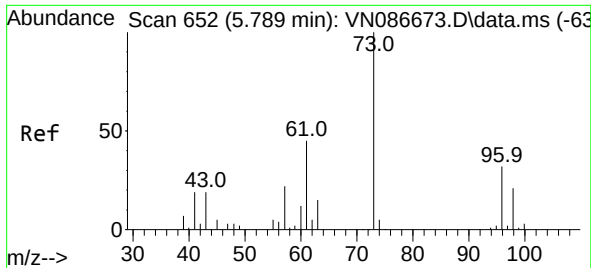
Tgt Ion: 76 Resp: 7172  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 3.292 ug/l  
RT: 5.036 min Scan# 524  
Delta R.T. 0.018 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 43 Resp: 10314  
Ion Ratio Lower Upper  
43 100  
74 28.2 20.5 30.7

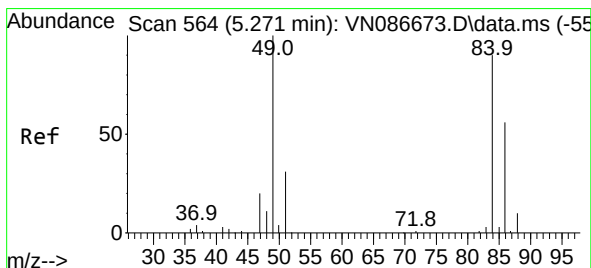
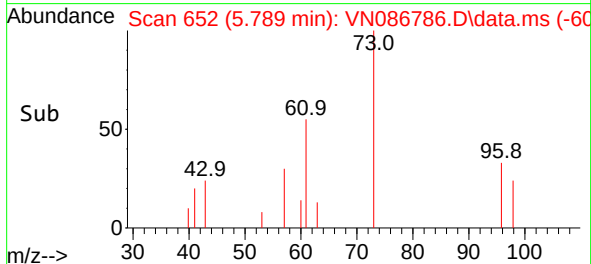
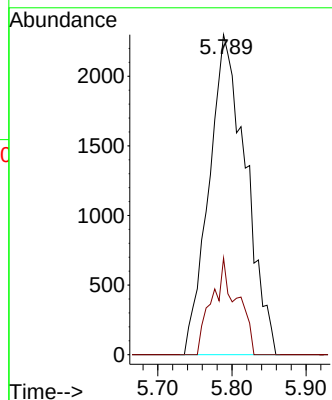
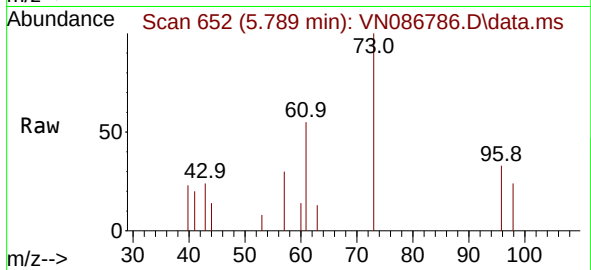




#19  
Methyl tert-butyl Ether  
Concen: 0.963 ug/l  
RT: 5.789 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

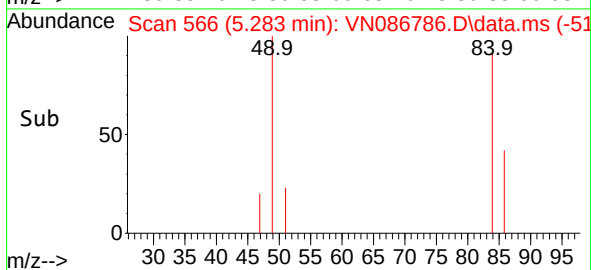
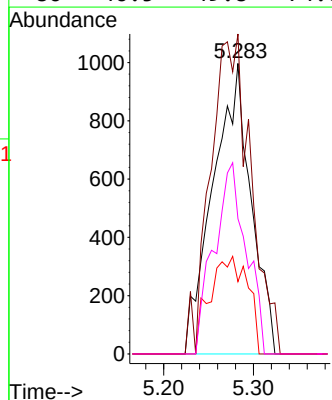
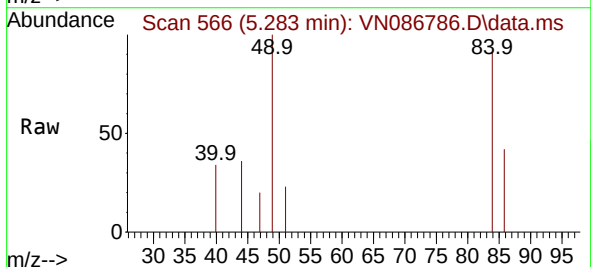
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

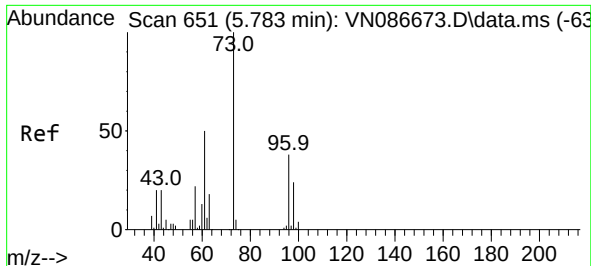
Tgt Ion: 73 Resp: 7924  
Ion Ratio Lower Upper  
73 100  
57 30.2 17.7 26.5#



#20  
Methylene Chloride  
Concen: 0.991 ug/l  
RT: 5.283 min Scan# 566  
Delta R.T. 0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 84 Resp: 2927  
Ion Ratio Lower Upper  
84 100  
49 110.1 88.8 133.2  
51 24.9 27.8 41.6#  
86 46.5 49.8 74.6#

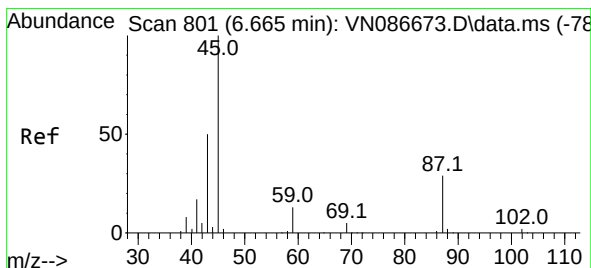
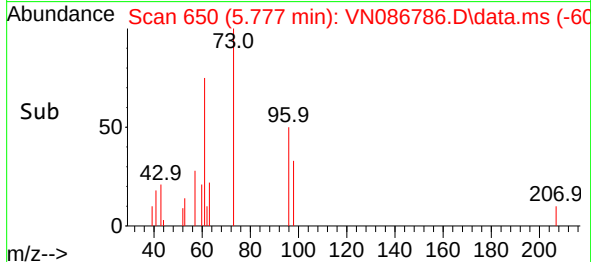
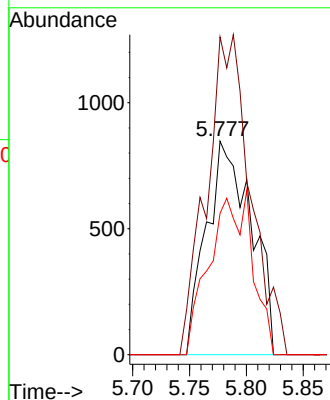
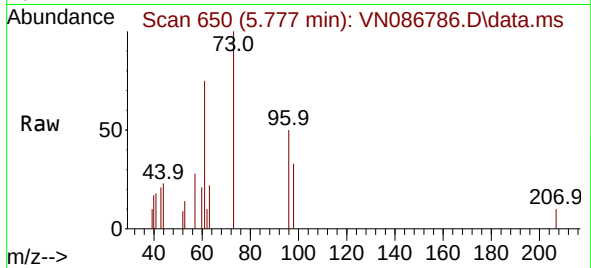




#21  
trans-1,2-Dichloroethene  
Concen: 0.919 ug/l  
RT: 5.777 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

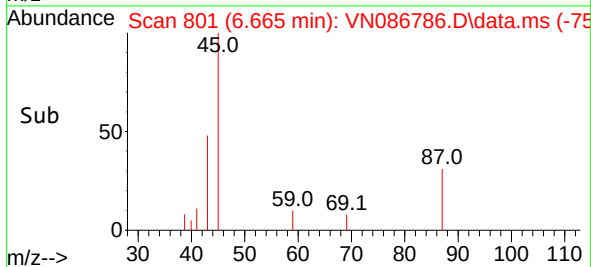
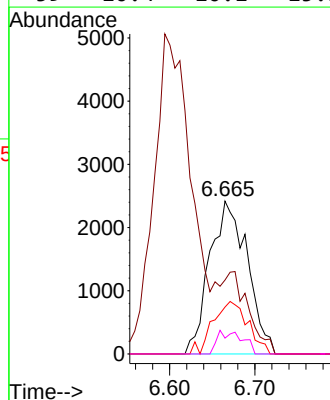
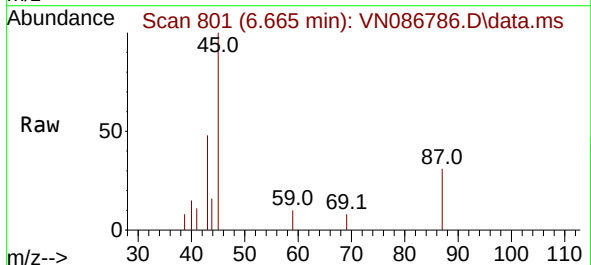
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

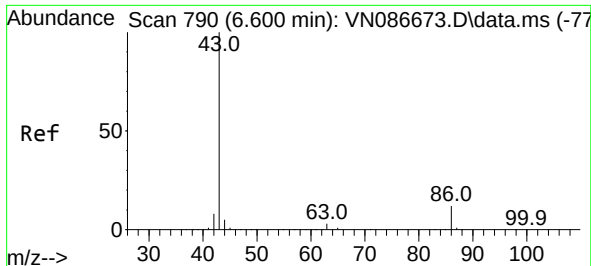
Tgt Ion: 96 Resp: 2347  
Ion Ratio Lower Upper  
96 100  
61 148.9 105.7 158.5  
98 66.2 51.0 76.6



#22  
Diisopropyl ether  
Concen: 0.903 ug/l  
RT: 6.665 min Scan# 801  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 45 Resp: 7447  
Ion Ratio Lower Upper  
45 100  
43 48.4 41.4 62.2  
87 30.7 22.9 34.3  
59 10.4 10.1 15.1

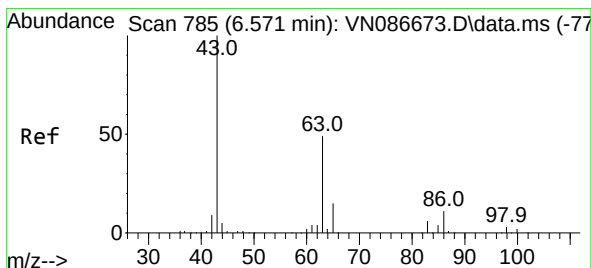
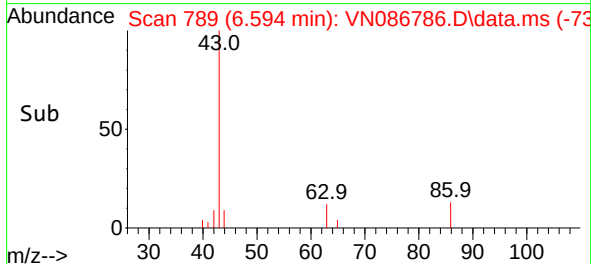
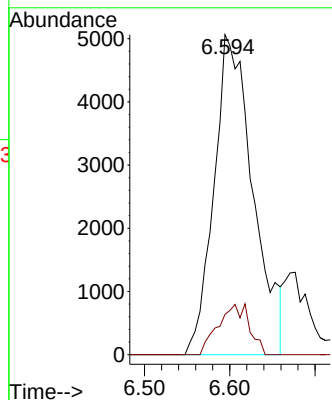
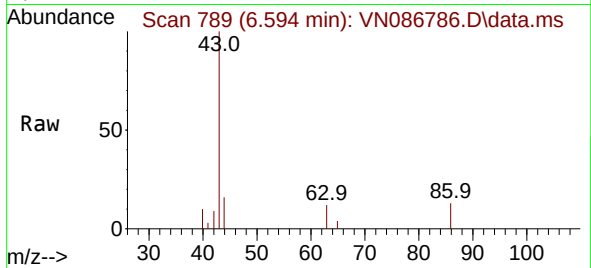




#23  
 Vinyl Acetate  
 Concen: 2.598 ug/l  
 RT: 6.594 min Scan# 789  
 Delta R.T. -0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

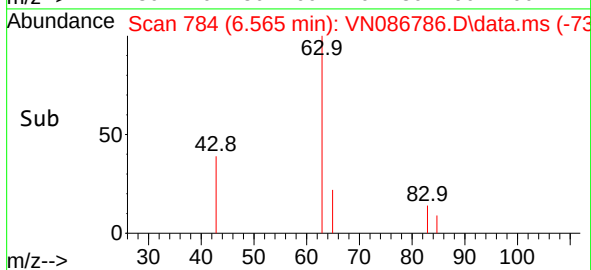
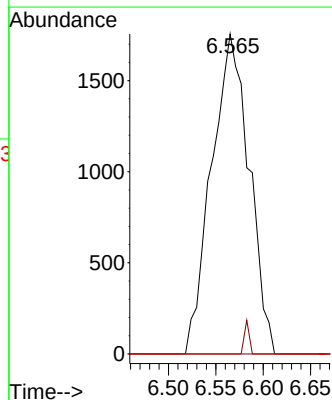
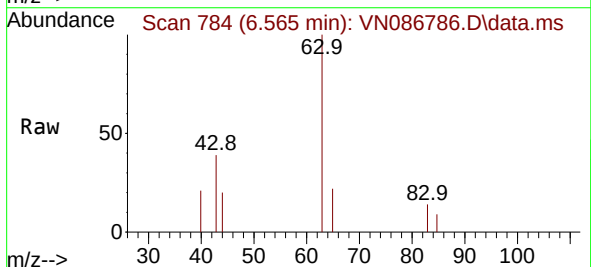
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

Tgt Ion: 43 Resp: 16105  
 Ion Ratio Lower Upper  
 43 100  
 86 12.6 9.5 14.3

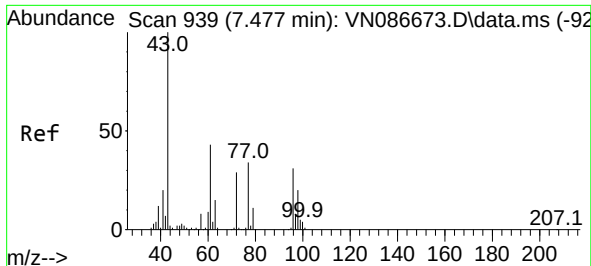


#24  
 1,1-Dichloroethane  
 Concen: 1.001 ug/l  
 RT: 6.565 min Scan# 784  
 Delta R.T. -0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

Tgt Ion: 63 Resp: 4846  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.4 10.2#  
 100 0.0 2.4 7.1#



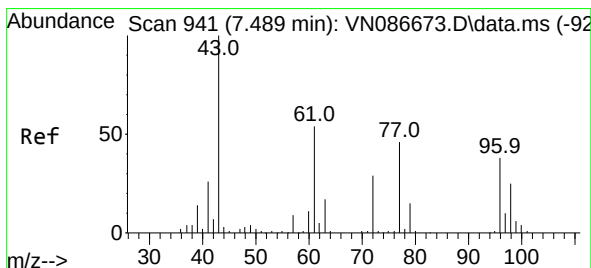
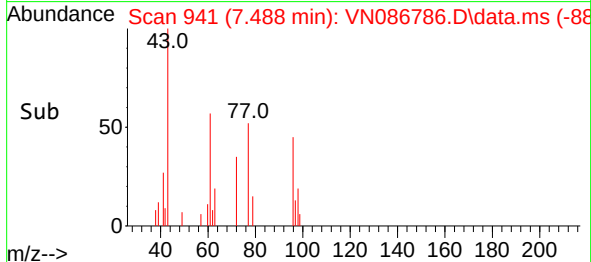
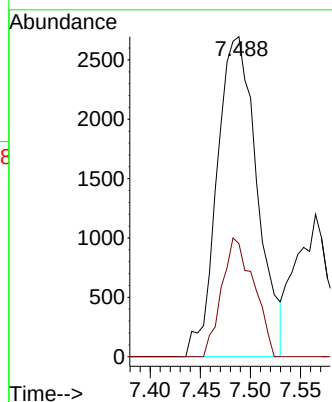
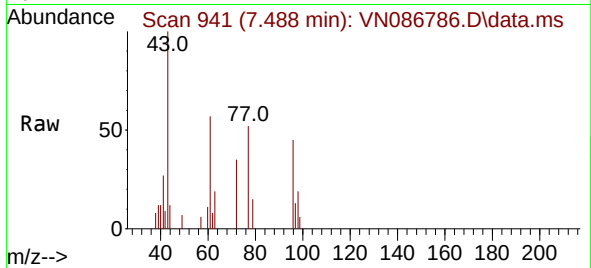




#25  
2-Butanone  
Concen: 4.339 ug/l  
RT: 7.488 min Scan# 941  
Delta R.T. 0.012 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

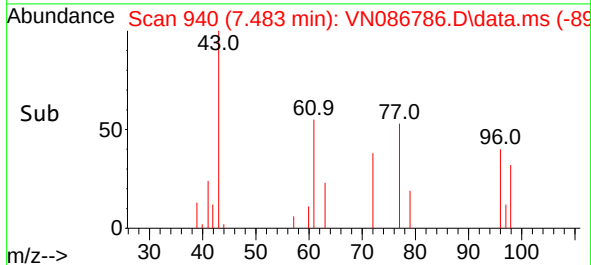
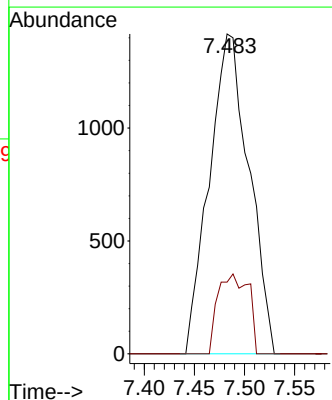
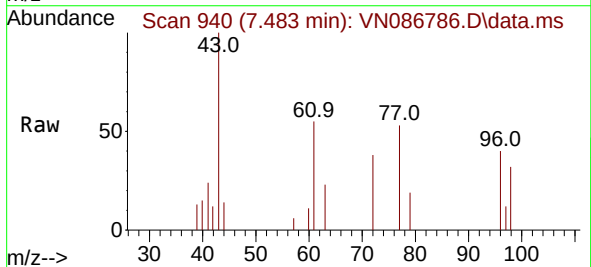
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

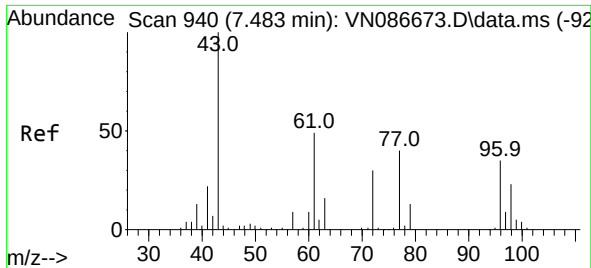
Tgt Ion: 43 Resp: 7506  
Ion Ratio Lower Upper  
43 100  
72 35.3 23.1 34.7#



#26  
2,2-Dichloropropane  
Concen: 0.974 ug/l  
RT: 7.483 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 77 Resp: 3893  
Ion Ratio Lower Upper  
77 100  
97 19.2 11.6 34.7

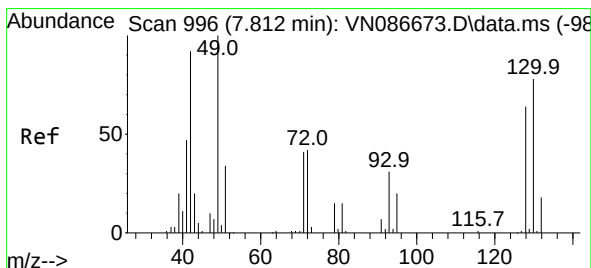
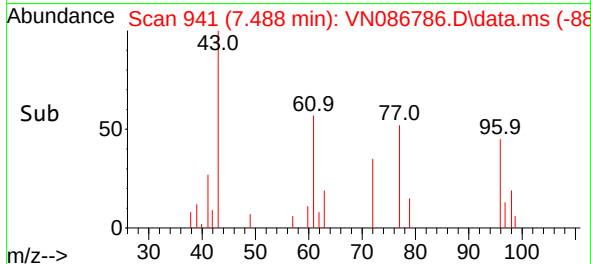
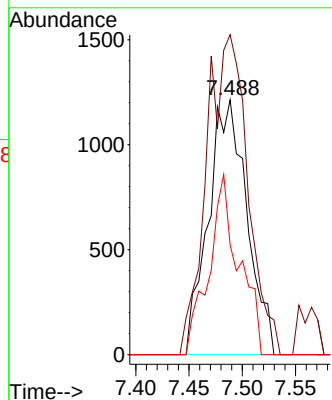
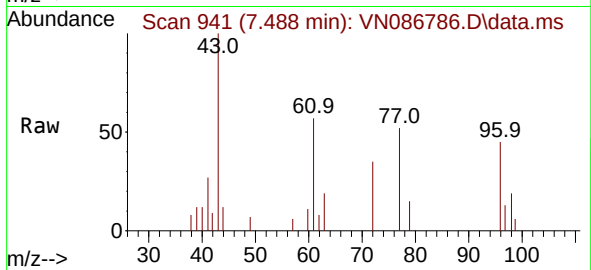




#27  
 cis-1,2-Dichloroethene  
 Concen: 0.976 ug/l  
 RT: 7.488 min Scan# 941  
 Delta R.T. 0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

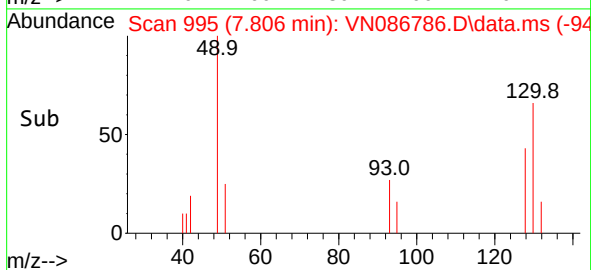
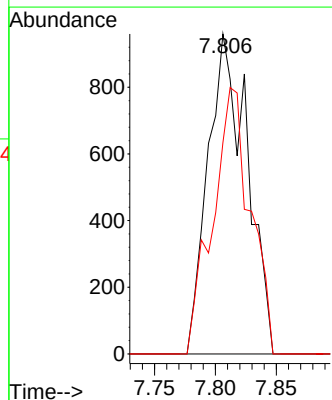
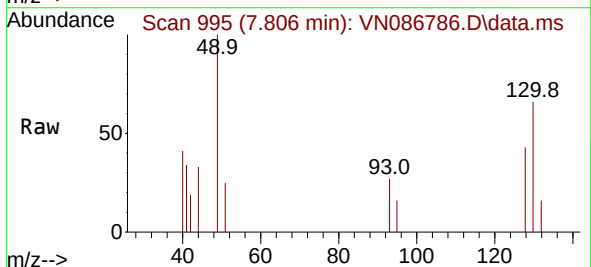
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

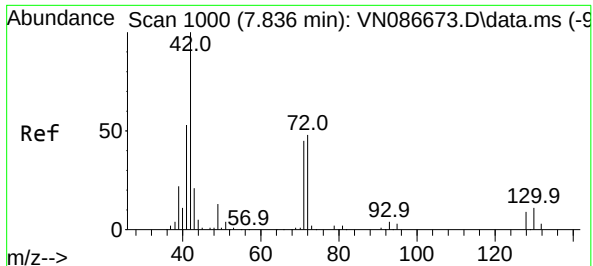
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 3059  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 134.1 | 0.0   | 277.4 |
| 98       | 54.8  | 0.0   | 129.6 |



#28  
 Bromochloromethane  
 Concen: 0.975 ug/l  
 RT: 7.806 min Scan# 995  
 Delta R.T. -0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 2146  |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 0.0   | 0.0   | 3.8   |
| 130      | 80.5  | 62.2  | 93.4  |





#29

Tetrahydrofuran

Concen: 4.399 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VN086786.D

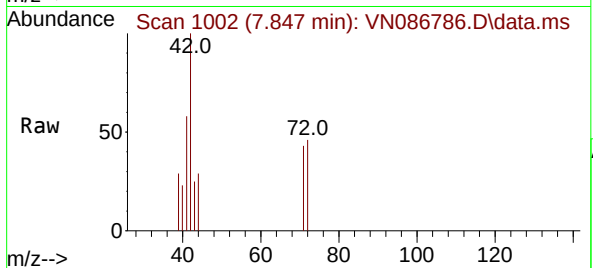
Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025



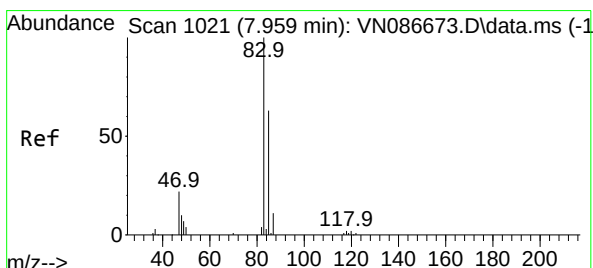
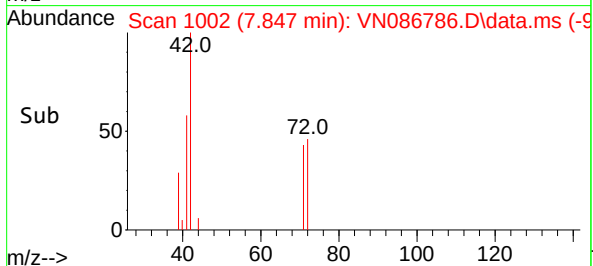
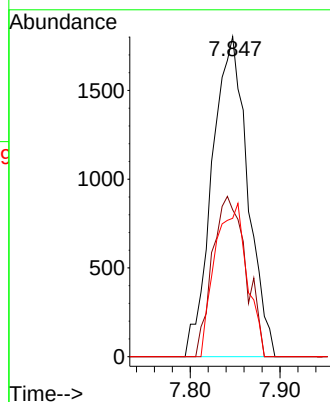
Tgt Ion: 42 Resp: 4967

Ion Ratio Lower Upper

42 100

72 47.1 38.7 58.1

71 42.8 36.2 54.4



#30

Chloroform

Concen: 0.947 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.012 min

Lab File: VN086786.D

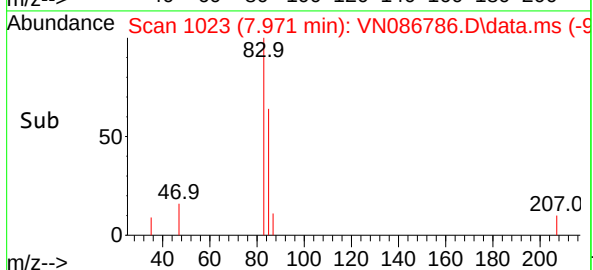
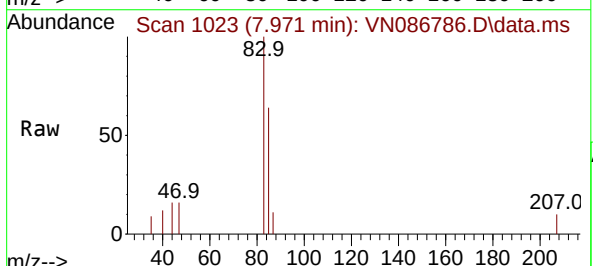
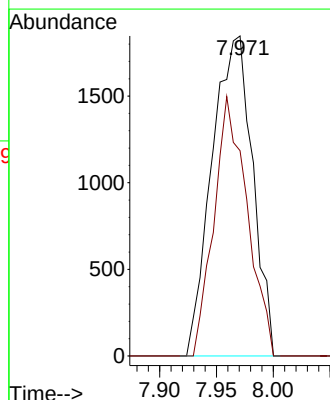
Acq: 27 May 2025 16:07

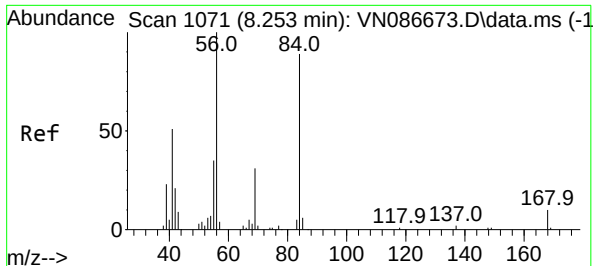
Tgt Ion: 83 Resp: 4592

Ion Ratio Lower Upper

83 100

85 64.2 50.2 75.4

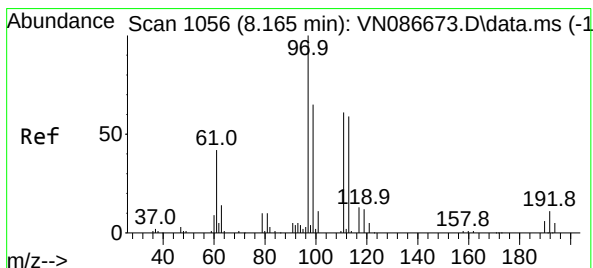
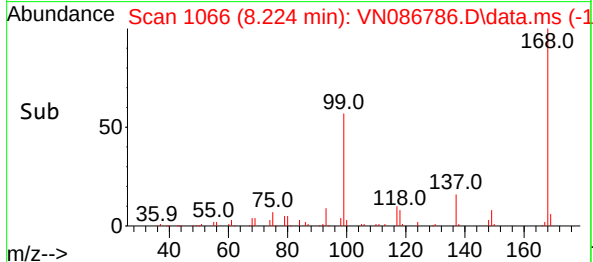
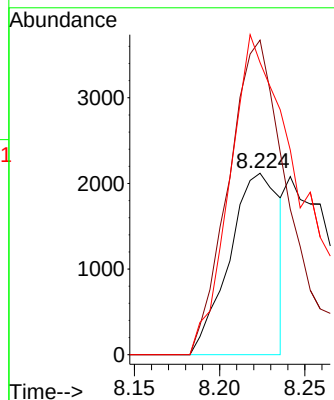
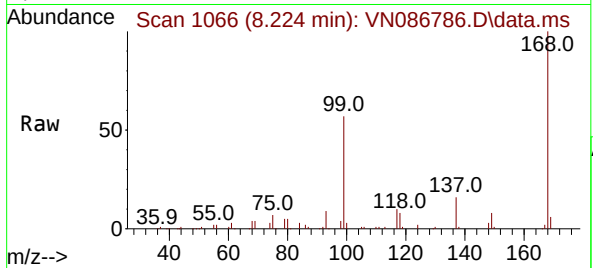




#31  
Cyclohexane  
Concen: 0.963 ug/l  
RT: 8.224 min Scan# 1066  
Delta R.T. -0.029 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

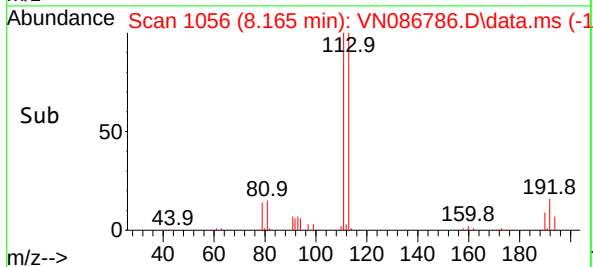
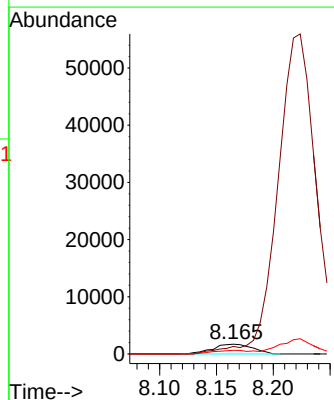
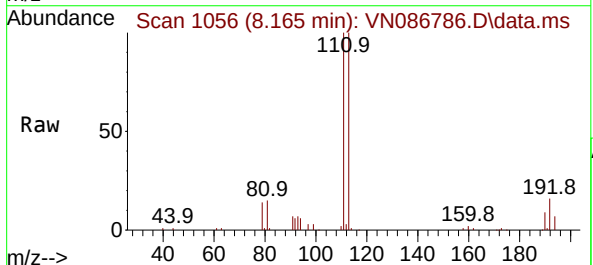
Instrument : MSVOA\_N  
ClientSampleId : LOQ-WATER-02-QT2-2025

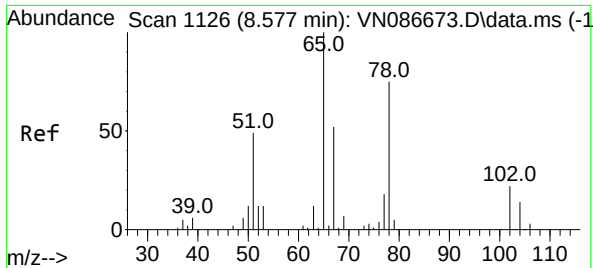
Tgt Ion: 56 Resp: 4326  
Ion Ratio Lower Upper  
56 100  
69 173.4 25.0 37.6#  
84 161.0 71.0 106.4#



#32  
1,1,1-Trichloroethane  
Concen: 1.023 ug/l  
RT: 8.165 min Scan# 1056  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 97 Resp: 4182  
Ion Ratio Lower Upper  
97 100  
99 0.0 52.6 79.0#  
61 29.7 37.7 56.5#





#33

1,2-Dichloroethane-d4

Concen: 47.554 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

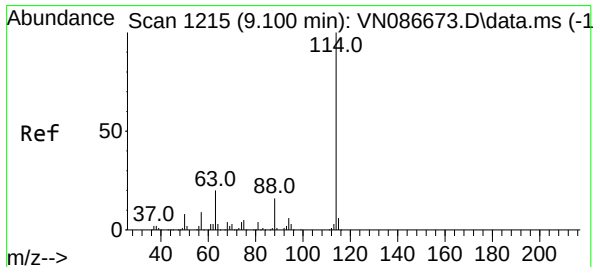
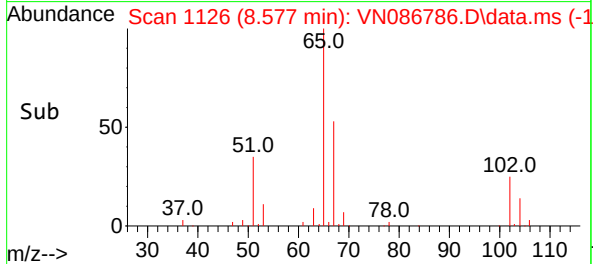
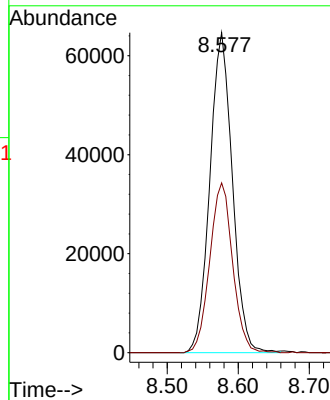
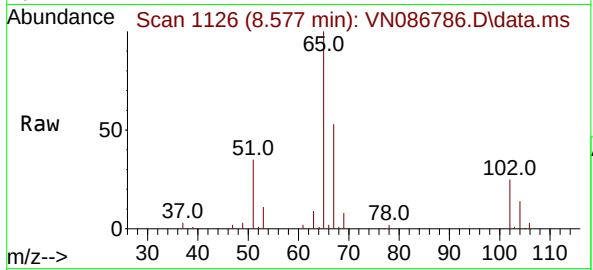
LOQ-WATER-02-QT2-2025

Tgt Ion: 65 Resp: 142314

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

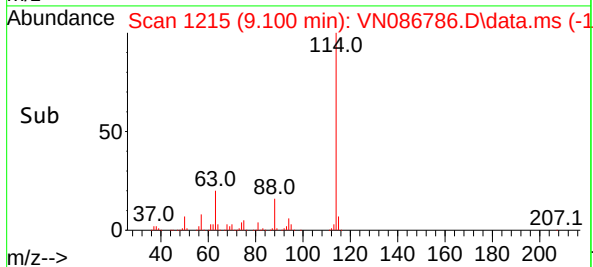
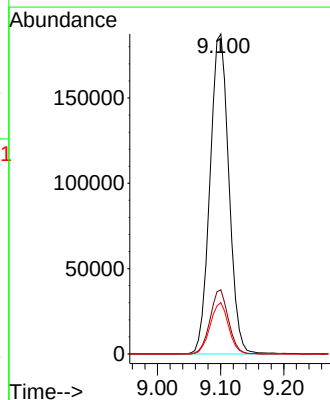
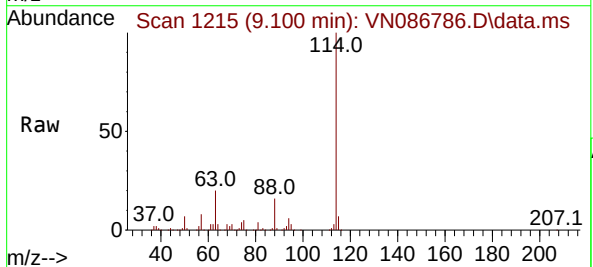
Tgt Ion: 114 Resp: 388450

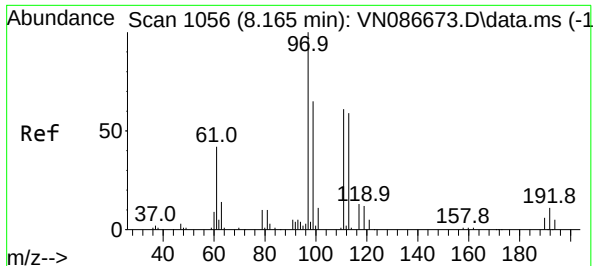
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.2

88 16.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.475 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

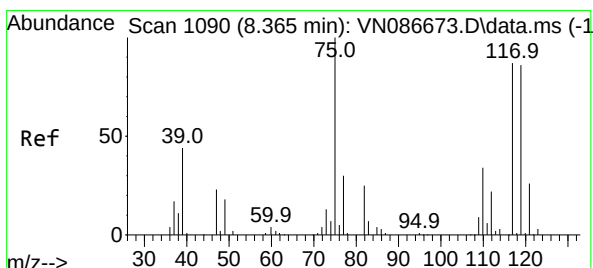
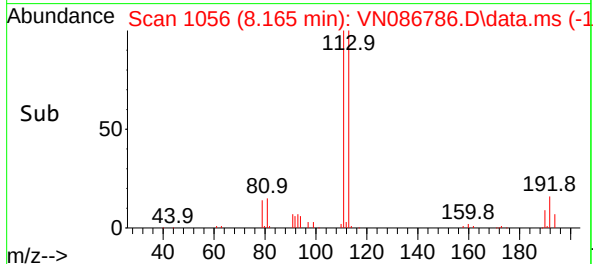
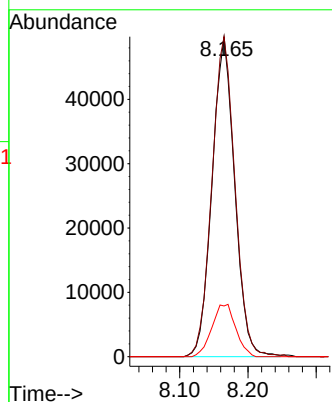
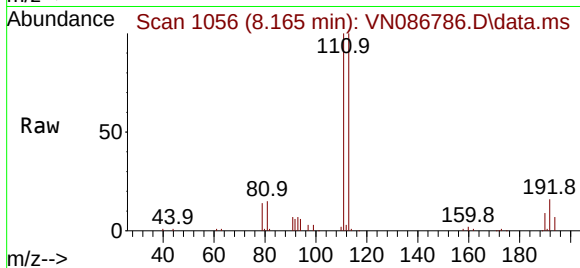
Tgt Ion:113 Resp: 114455

Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 17.3 13.8 20.8



#36

1,1-Dichloropropene

Concen: 0.980 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

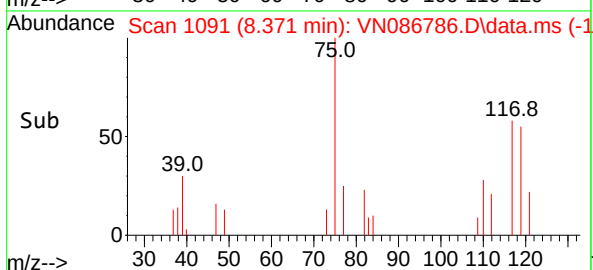
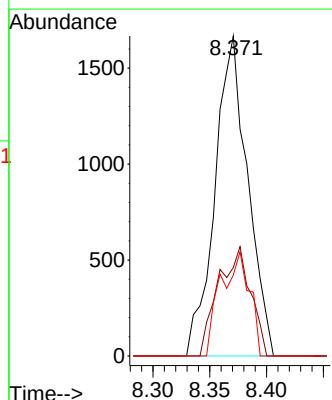
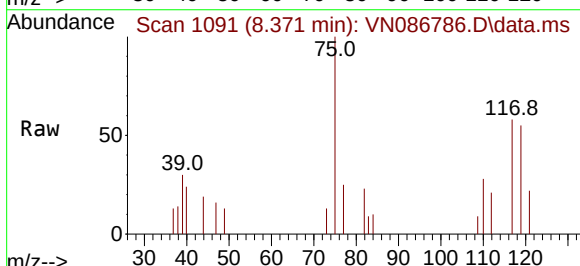
Tgt Ion: 75 Resp: 3343

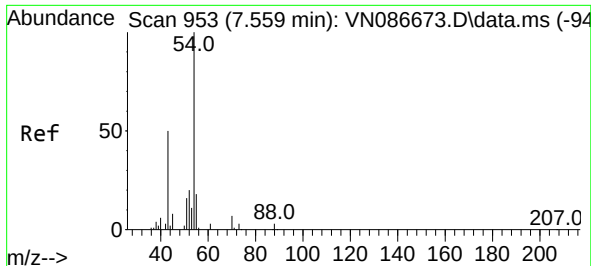
Ion Ratio Lower Upper

75 100

110 33.6 17.5 52.5

77 28.4 25.1 37.7

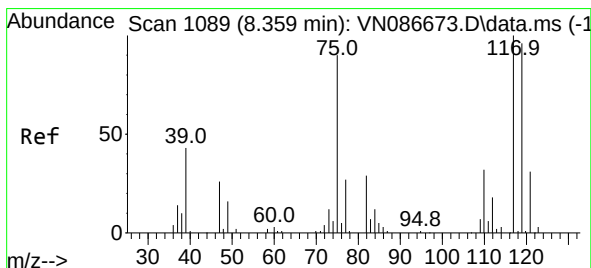
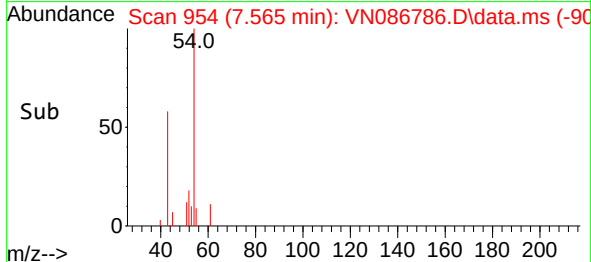
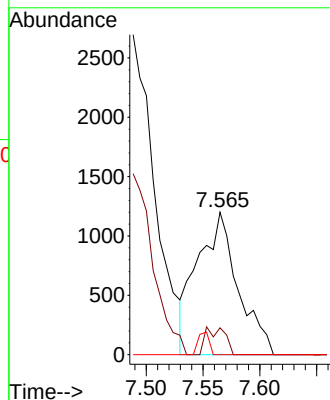
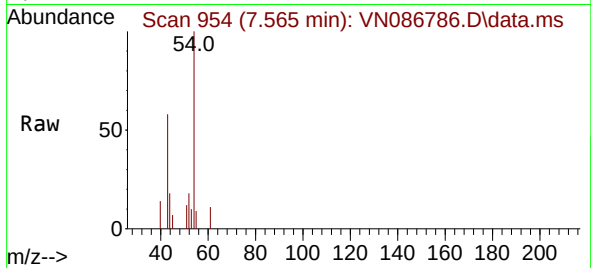




#37  
Ethyl Acetate  
Concen: 0.867 ug/l  
RT: 7.565 min Scan# 91  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

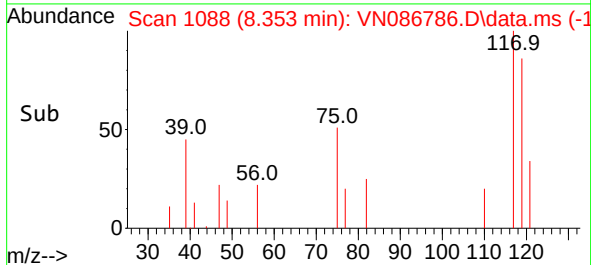
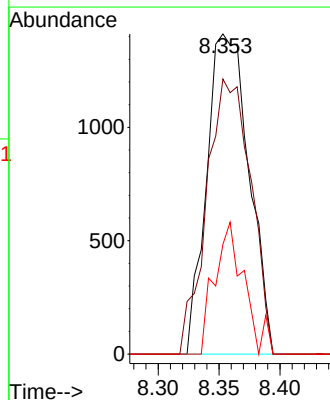
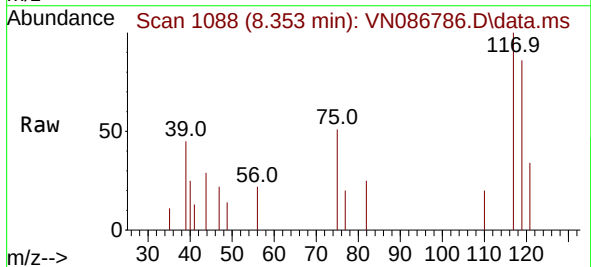
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

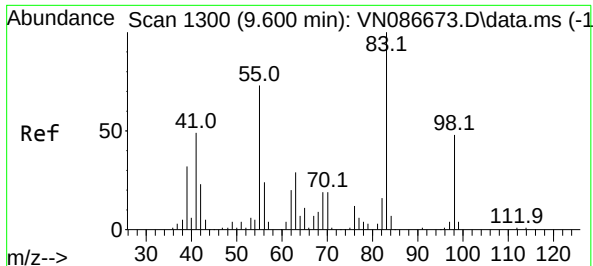
Tgt Ion: 43 Resp: 2987  
Ion Ratio Lower Upper  
43 100  
61 9.2 11.6 17.4#  
70 4.3 9.4 14.0#



#38  
Carbon Tetrachloride  
Concen: 1.014 ug/l  
RT: 8.353 min Scan# 1088  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 117 Resp: 3410  
Ion Ratio Lower Upper  
117 100  
119 85.9 77.0 115.6  
121 34.3 25.0 37.6





#39

Methylcyclohexane

Concen: 0.989 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

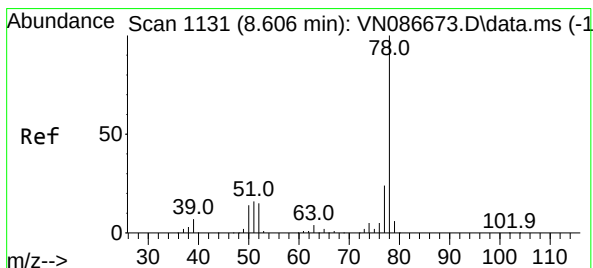
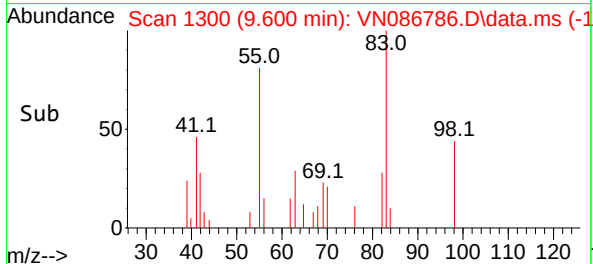
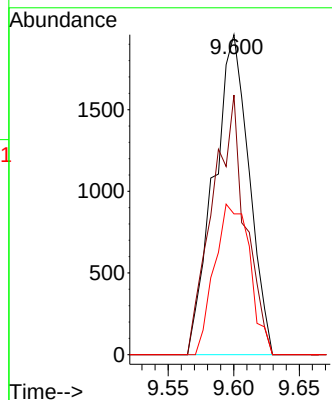
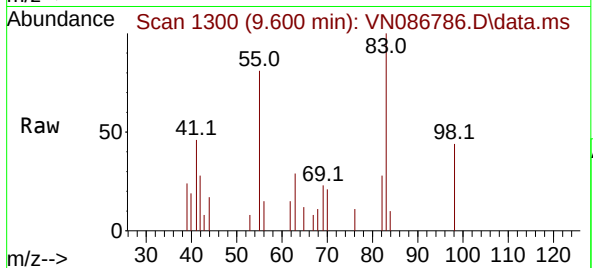
Tgt Ion: 83 Resp: 3654

Ion Ratio Lower Upper

83 100

55 81.2 58.2 87.4

98 44.0 38.4 57.6



#40

Benzene

Concen: 1.030 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086786.D

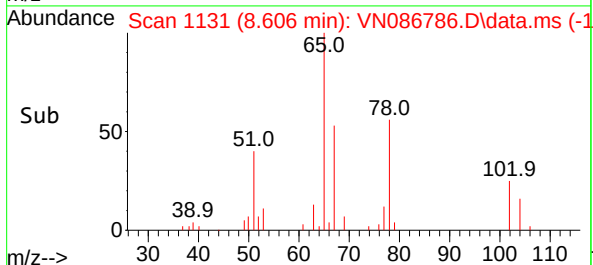
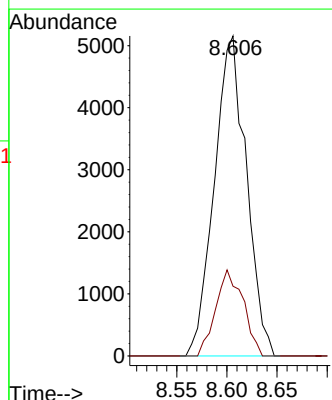
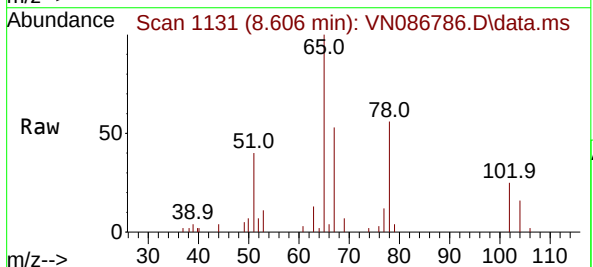
Acq: 27 May 2025 16:07

Tgt Ion: 78 Resp: 11465

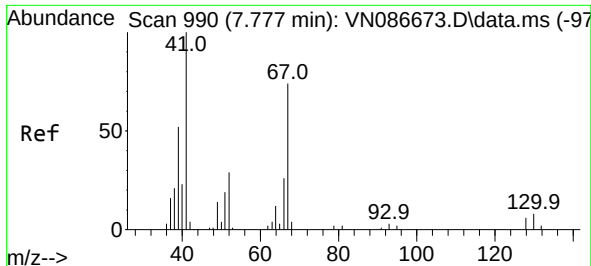
Ion Ratio Lower Upper

78 100

77 21.8 19.1 28.7



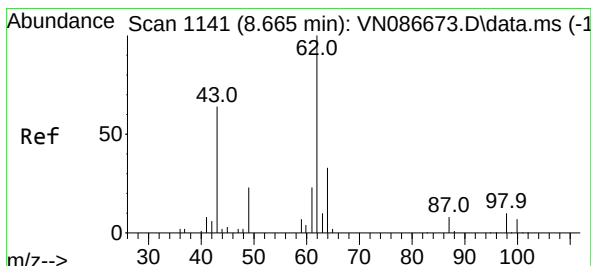
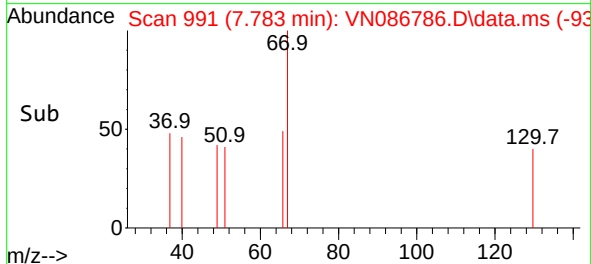
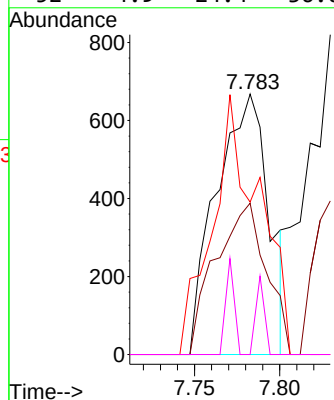
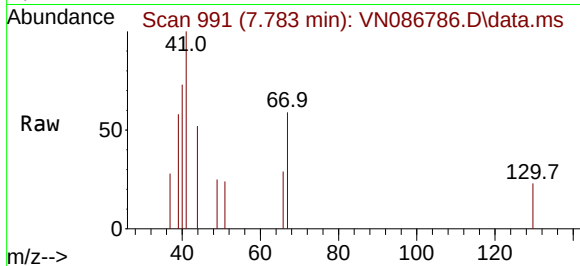




#41  
Methacrylonitrile  
Concen: 0.772 ug/l  
RT: 7.783 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

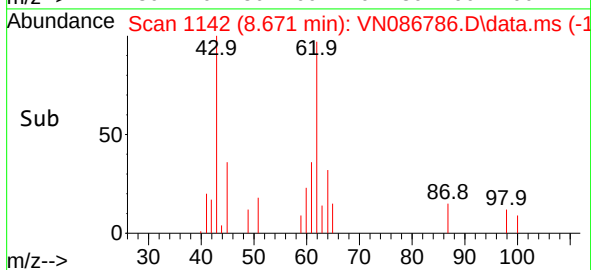
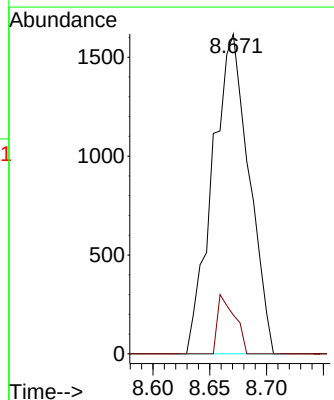
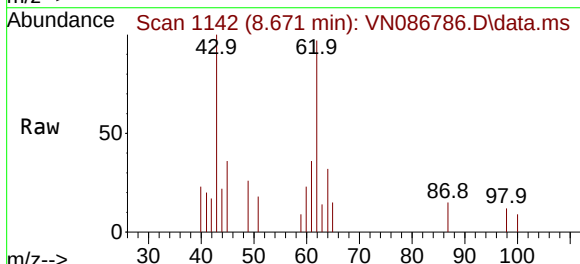
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

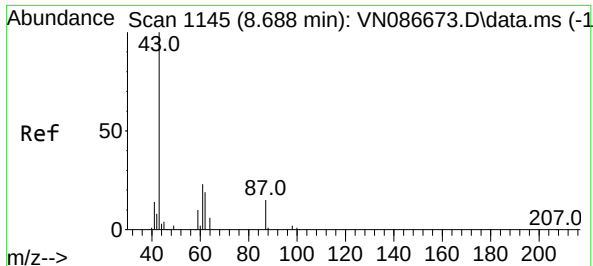
|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 1436  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 56.0     | 44.9 67.3   |
| 67 0.0      | 63.4 95.0#  |
| 52 4.9      | 24.4 36.6#  |



#42  
1,2-Dichloroethane  
Concen: 1.045 ug/l  
RT: 8.671 min Scan# 1142  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 3623  |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 8.7      | 0.0 19.2    |

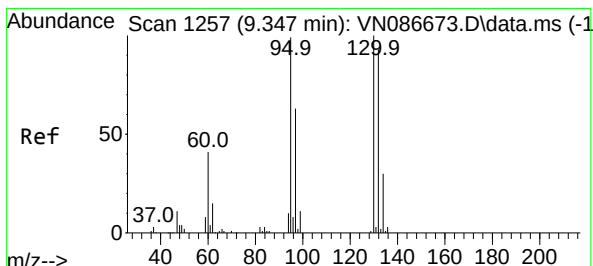
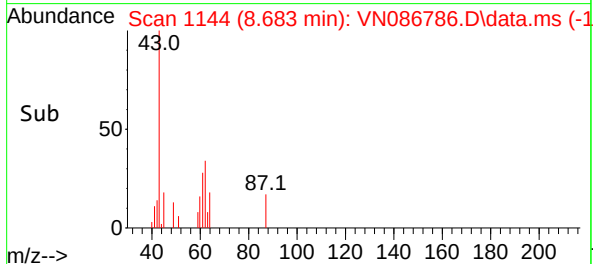
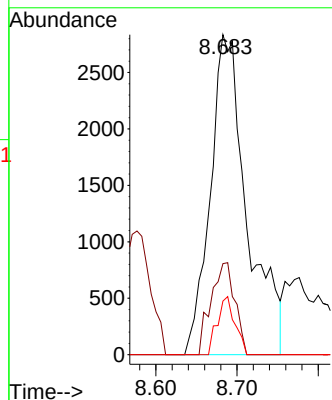
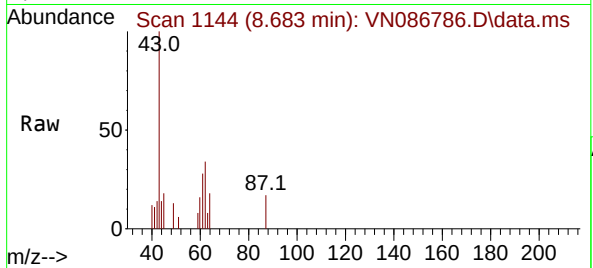




#43  
Isopropyl Acetate  
Concen: 1.291 ug/l  
RT: 8.683 min Scan# 1144  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

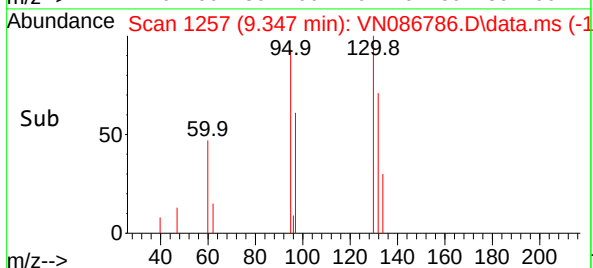
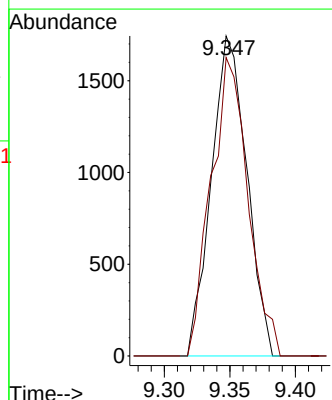
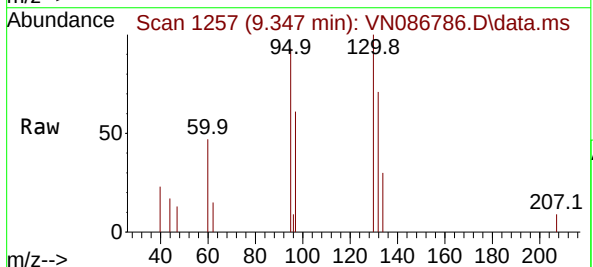
Instrument : MSVOA\_N  
ClientSampleId : LOQ-WATER-02-QT2-2025

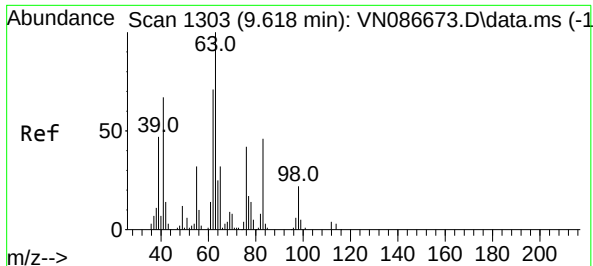
Tgt Ion: 43 Resp: 8921  
Ion Ratio Lower Upper  
43 100  
61 18.7 21.4 32.2#  
87 8.7 11.1 16.7#



#44  
Trichloroethene  
Concen: 1.222 ug/l  
RT: 9.347 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:130 Resp: 3280  
Ion Ratio Lower Upper  
130 100  
95 93.2 0.0 197.0





#45

1,2-Dichloropropane

Concen: 0.945 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

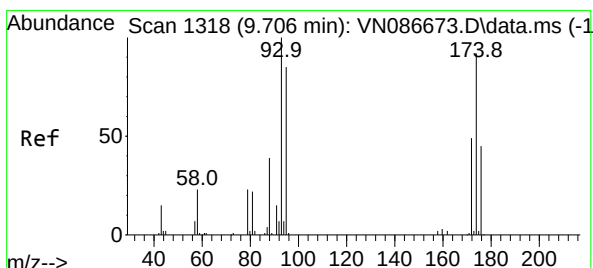
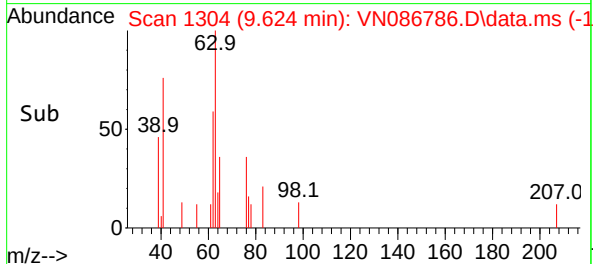
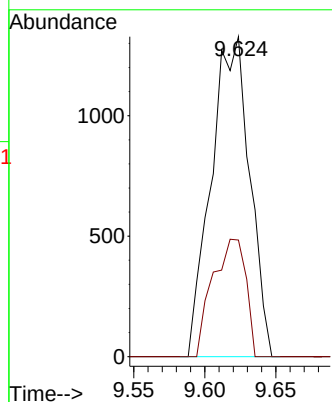
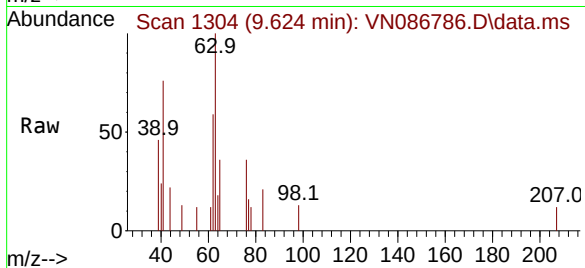
LOQ-WATER-02-QT2-2025

Tgt Ion: 63 Resp: 2500

Ion Ratio Lower Upper

63 100

65 36.4 25.8 38.6



#46

Dibromomethane

Concen: 0.972 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

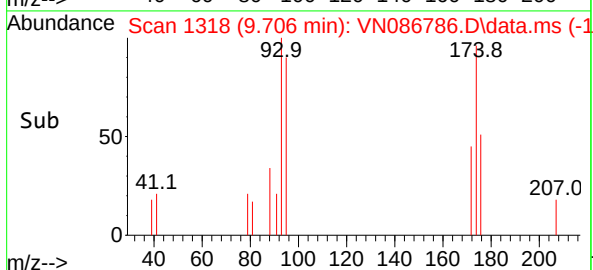
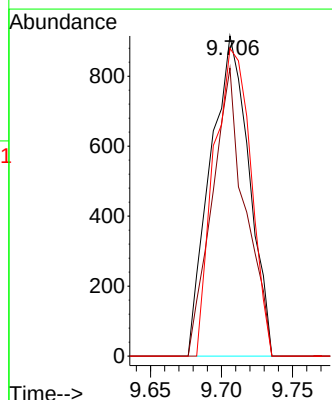
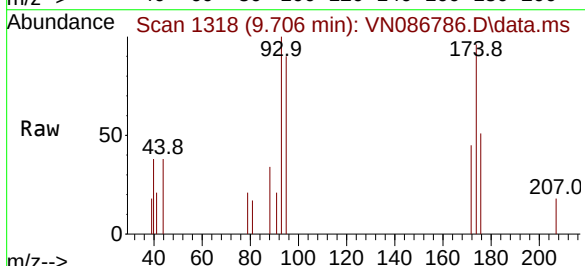
Tgt Ion: 93 Resp: 1734

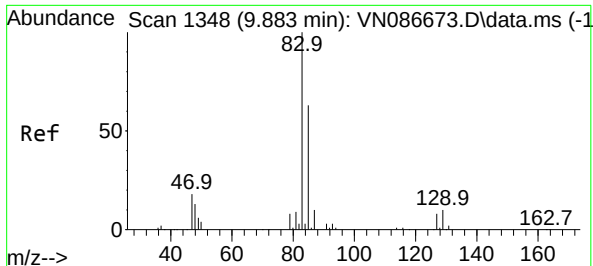
Ion Ratio Lower Upper

93 100

95 77.2 67.1 100.7

174 91.6 73.8 110.6

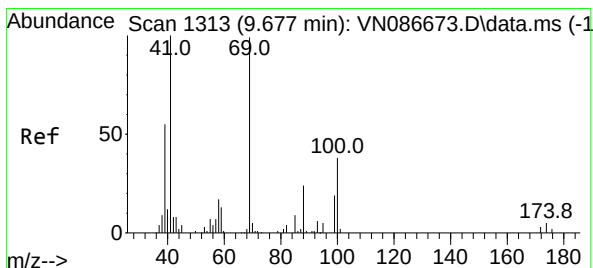
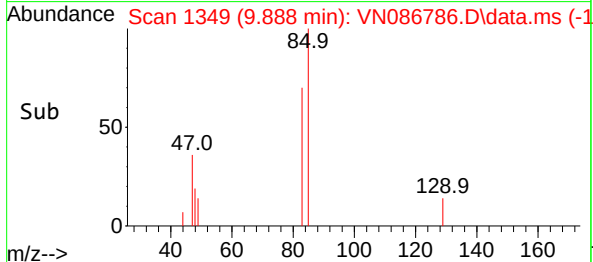
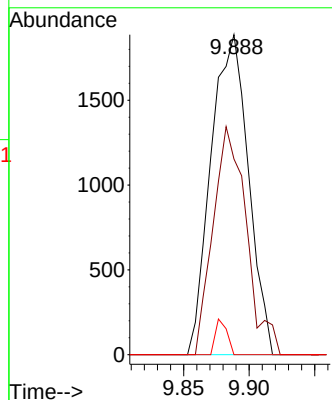
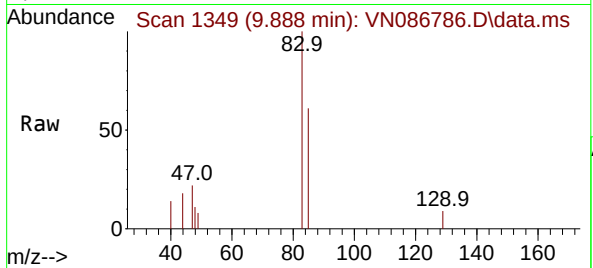




#47  
Bromodichloromethane  
Concen: 1.018 ug/l  
RT: 9.888 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

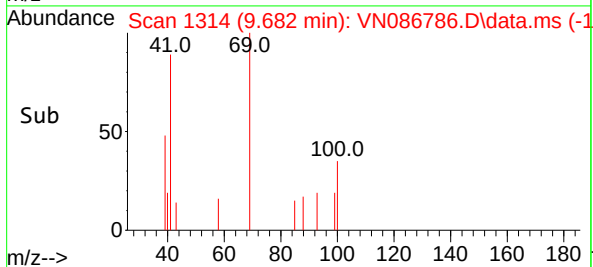
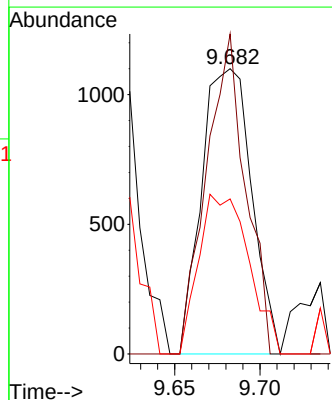
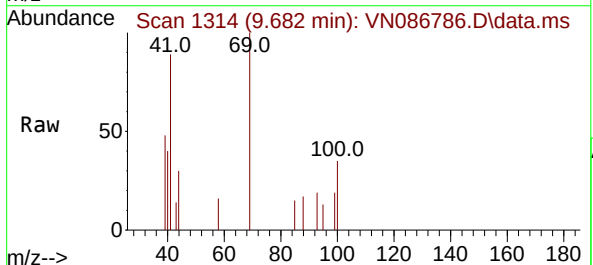
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

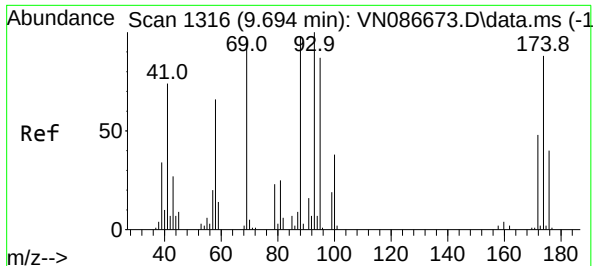
Tgt Ion: 83 Resp: 3743  
Ion Ratio Lower Upper  
83 100  
85 61.2 50.1 75.1  
127 0.0 6.2 9.4#



#48  
Methyl methacrylate  
Concen: 0.838 ug/l  
RT: 9.682 min Scan# 1314  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 41 Resp: 2245  
Ion Ratio Lower Upper  
41 100  
69 88.0 74.1 111.1  
39 56.1 44.1 66.1





#49

1,4-Dioxane

Concen: 15.362 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

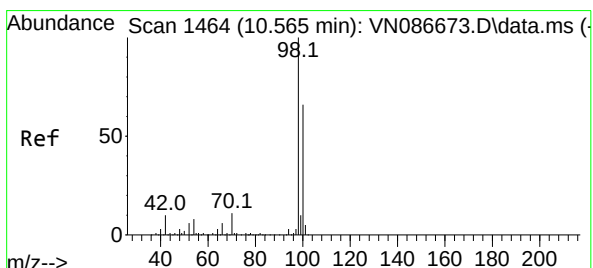
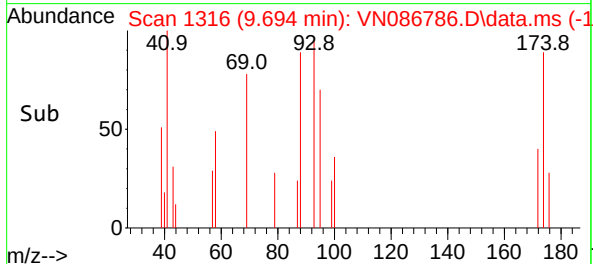
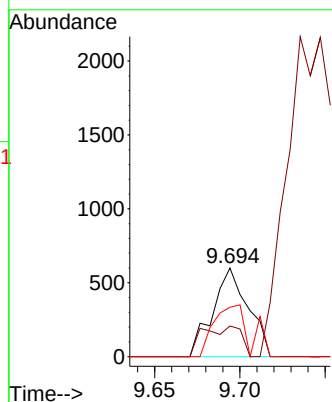
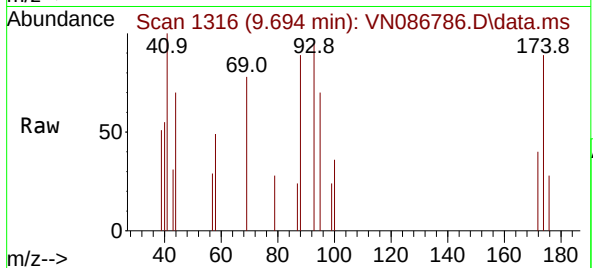
Tgt Ion: 88 Resp: 871

Ion Ratio Lower Upper

88 100

43 36.9 23.6 35.4#

58 58.8 55.3 82.9



#50

Toluene-d8

Concen: 50.648 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086786.D

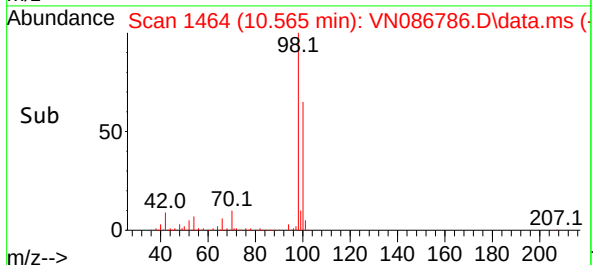
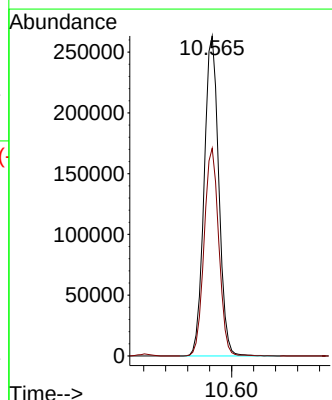
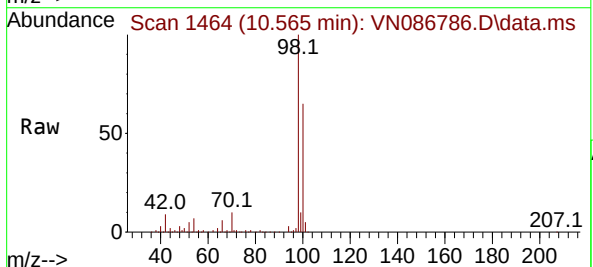
Acq: 27 May 2025 16:07

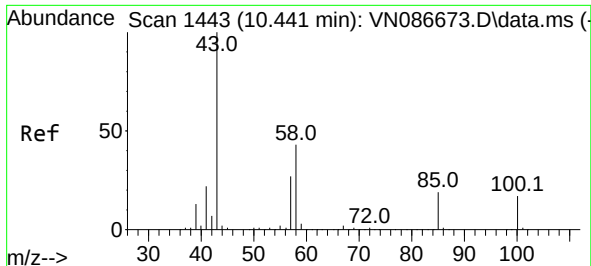
Tgt Ion: 98 Resp: 485555

Ion Ratio Lower Upper

98 100

100 65.2 52.9 79.3

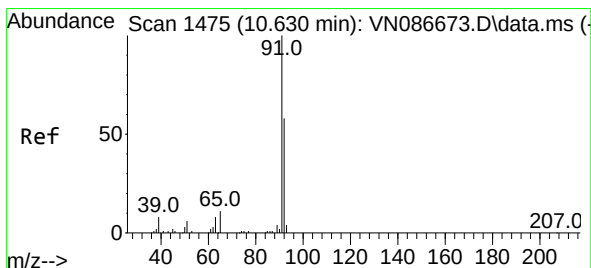
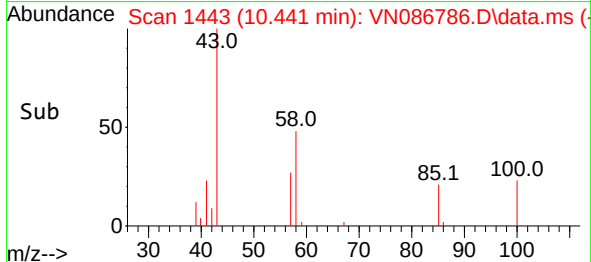
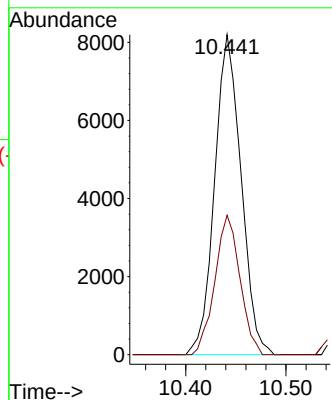
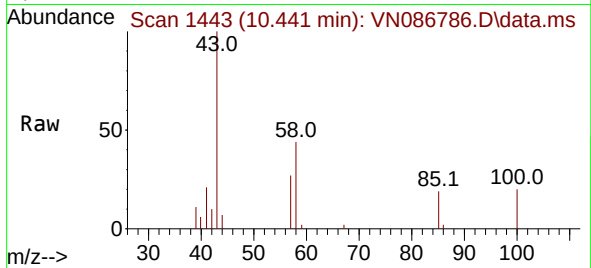




#51  
4-Methyl-2-Pentanone  
Concen: 4.298 ug/l  
RT: 10.441 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

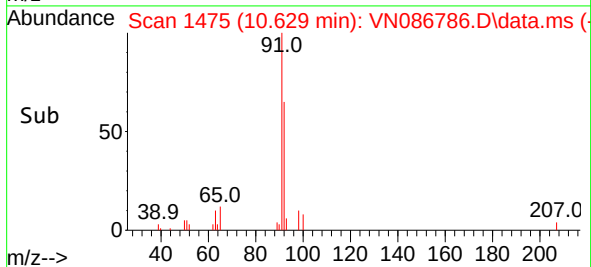
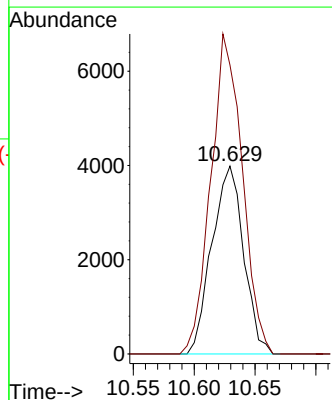
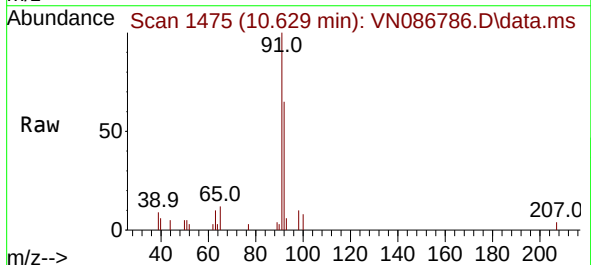
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

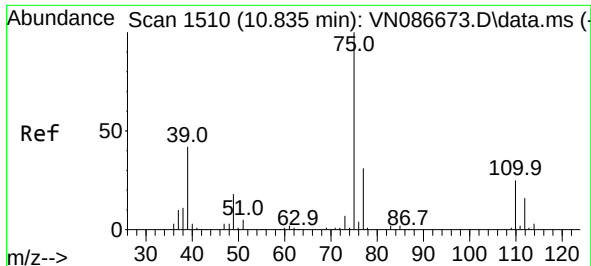
Tgt Ion: 43 Resp: 14978  
Ion Ratio Lower Upper  
43 100  
58 41.4 33.9 50.9



#52  
Toluene  
Concen: 1.045 ug/l  
RT: 10.629 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 92 Resp: 7232  
Ion Ratio Lower Upper  
92 100  
91 168.9 137.8 206.8

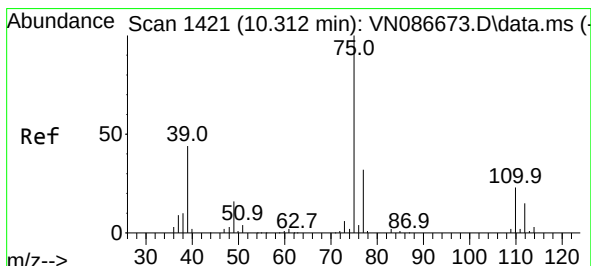
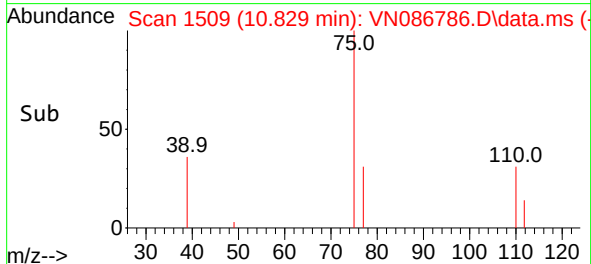
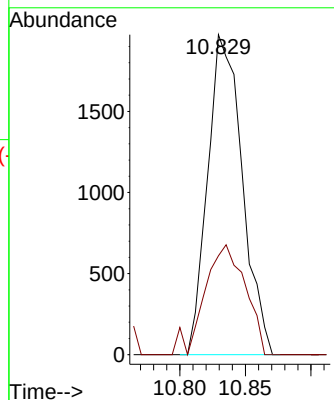
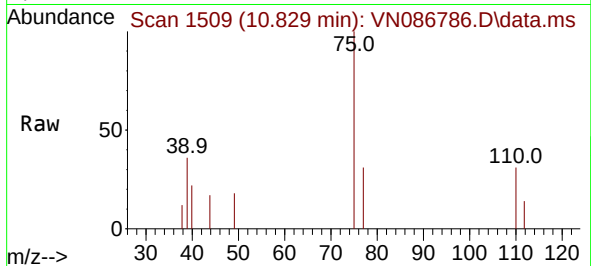




#53  
 t-1,3-Dichloropropene  
 Concen: 0.928 ug/l  
 RT: 10.829 min Scan# 1509  
 Delta R.T. -0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

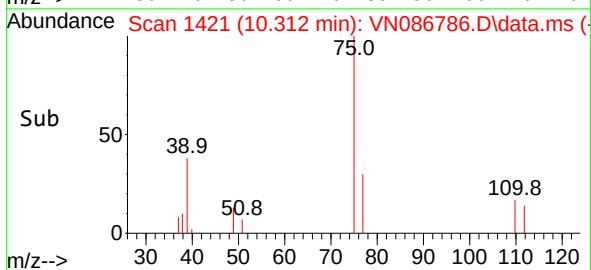
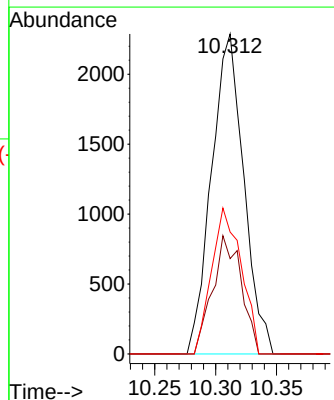
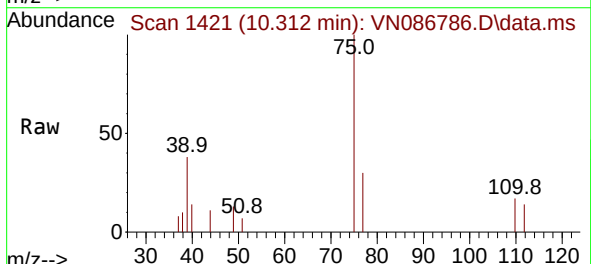
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

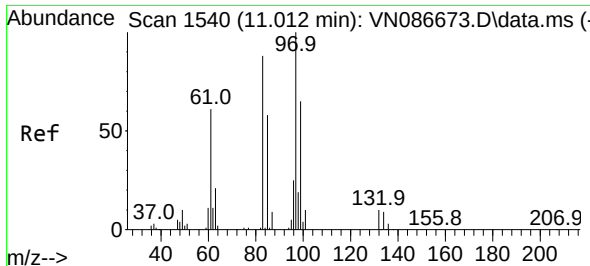
Tgt Ion: 75 Resp: 3613  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.993 ug/l  
 RT: 10.312 min Scan# 1421  
 Delta R.T. -0.000 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

Tgt Ion: 75 Resp: 4218  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 25.3 37.9  
 39 38.1 35.2 52.8

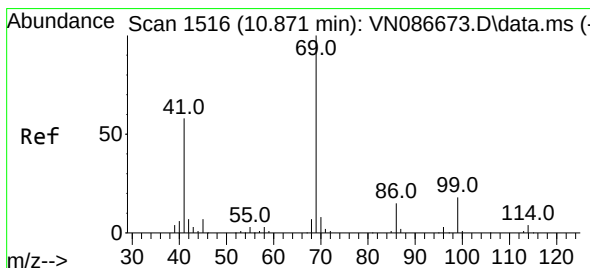
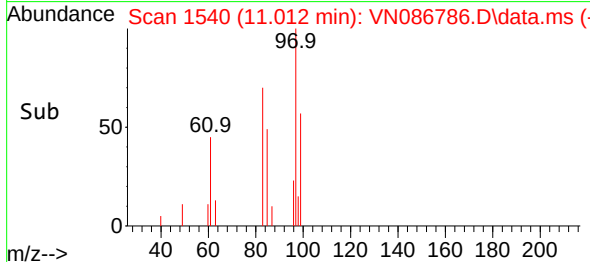
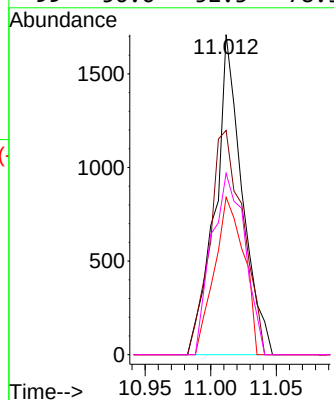
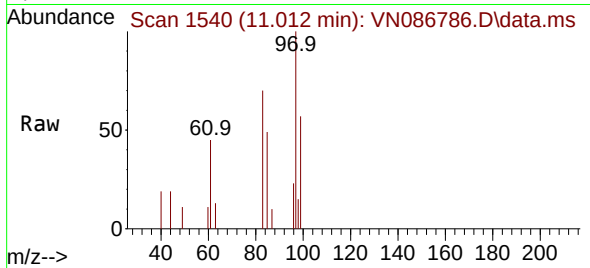




#55  
1,1,2-Trichloroethane  
Concen: 0.952 ug/l  
RT: 11.012 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

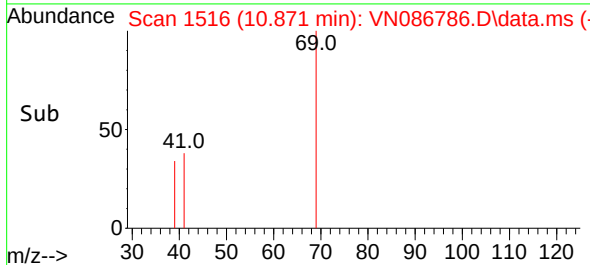
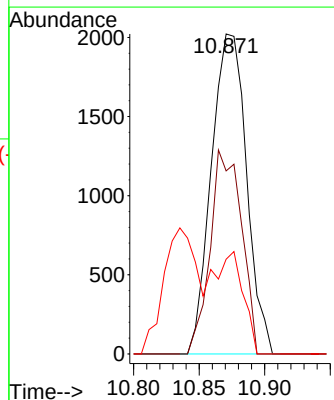
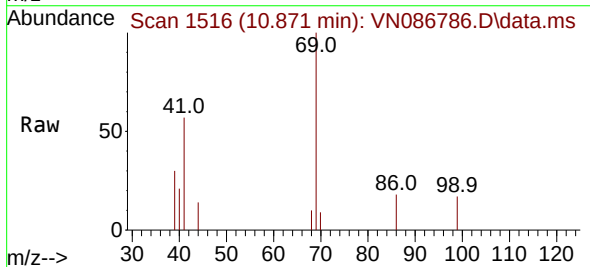
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 2456   |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 70.1  | 70.4  | 105.6# |
| 85       | 49.2  | 46.1  | 69.1   |
| 99       | 56.6  | 52.3  | 78.5   |

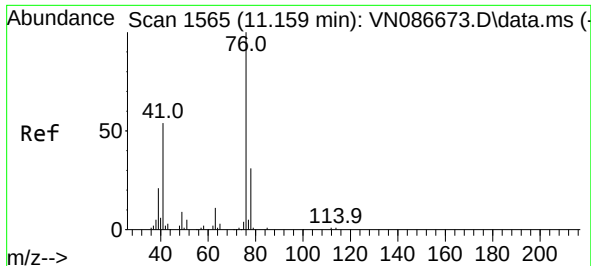


#56  
Ethyl methacrylate  
Concen: 0.912 ug/l  
RT: 10.871 min Scan# 1516  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 3778  |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 56.6  | 47.4  | 71.0  |
| 39       | 17.9  | 24.0  | 36.0# |







#57

1,3-Dichloropropane

Concen: 0.973 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

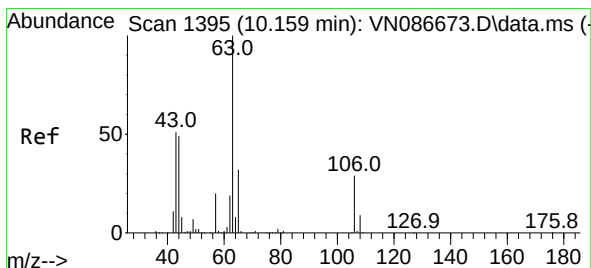
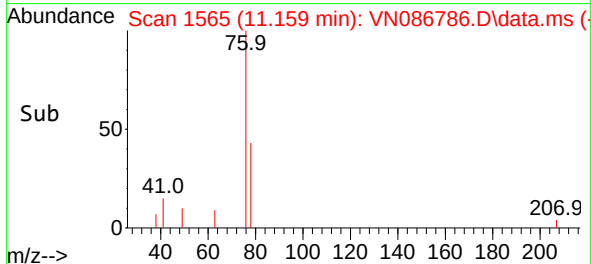
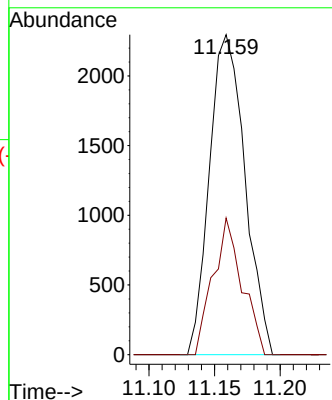
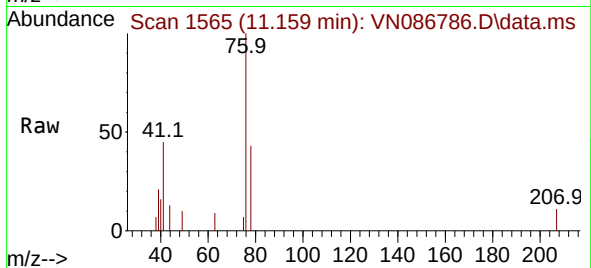
LOQ-WATER-02-QT2-2025

Tgt Ion: 76 Resp: 4327

Ion Ratio Lower Upper

76 100

78 34.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.272 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086786.D

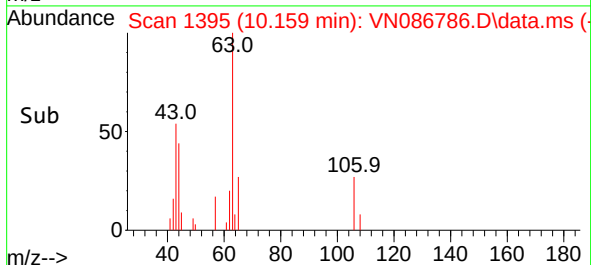
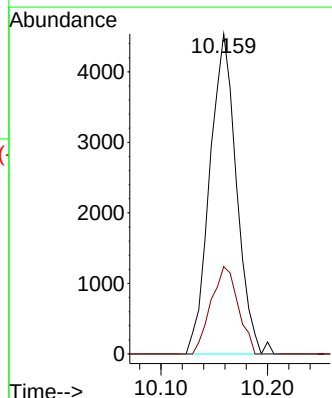
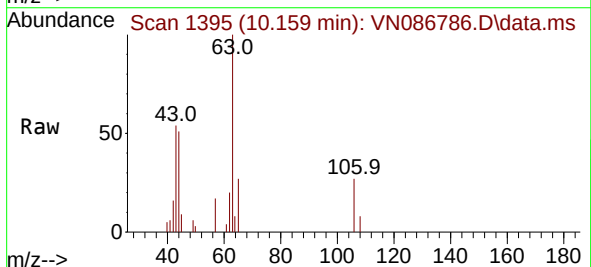
Acq: 27 May 2025 16:07

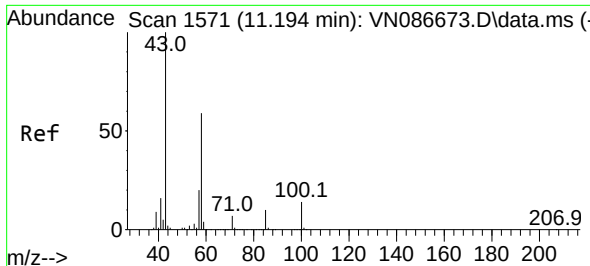
Tgt Ion: 63 Resp: 7911

Ion Ratio Lower Upper

63 100

106 27.6 23.1 34.7

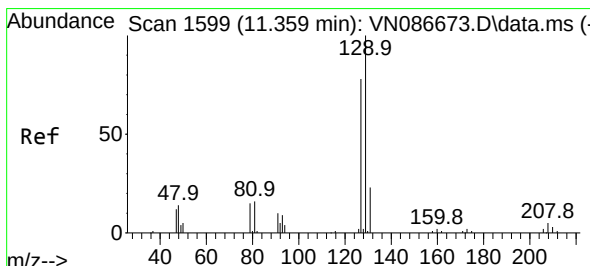
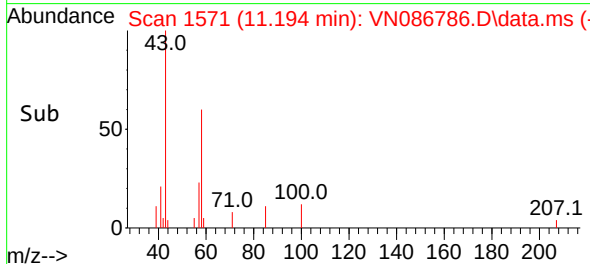
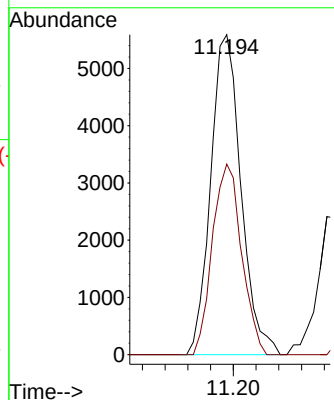
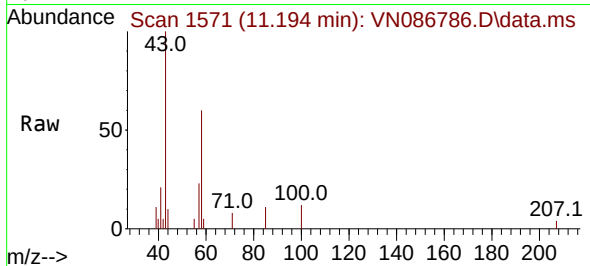




#59  
2-Hexanone  
Concen: 4.066 ug/l  
RT: 11.194 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

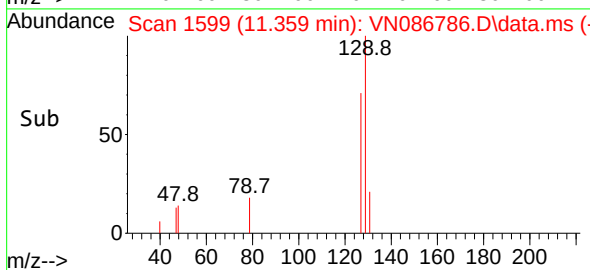
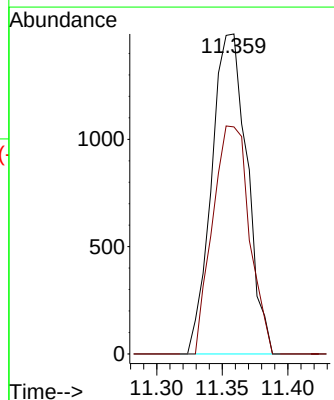
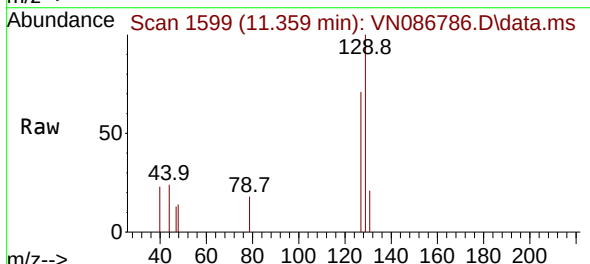
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

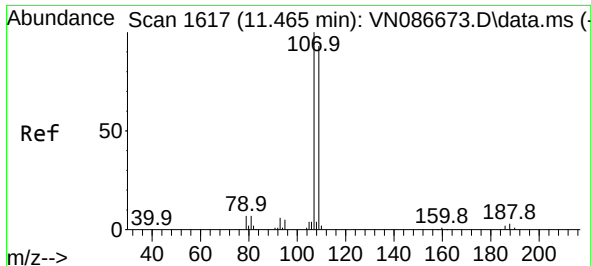
Tgt Ion: 43 Resp: 10346  
Ion Ratio Lower Upper  
43 100  
58 57.3 29.8 89.5



#60  
Dibromochloromethane  
Concen: 1.037 ug/l  
RT: 11.359 min Scan# 1599  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 129 Resp: 2804  
Ion Ratio Lower Upper  
129 100  
127 73.9 39.5 118.3

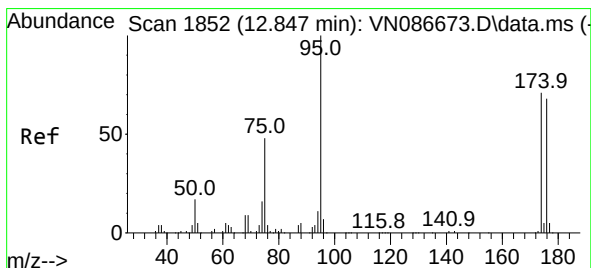
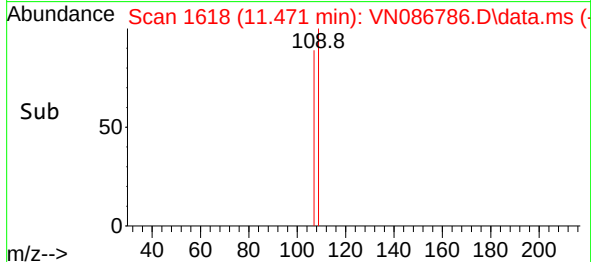
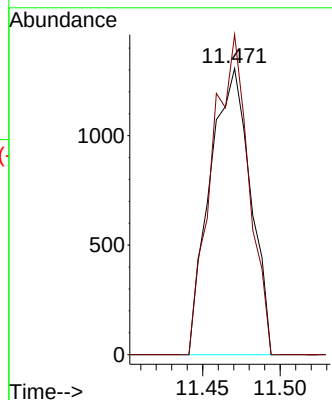
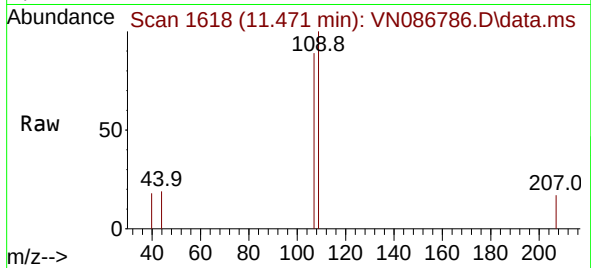




#61  
1,2-Dibromoethane  
Concen: 0.918 ug/l  
RT: 11.471 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

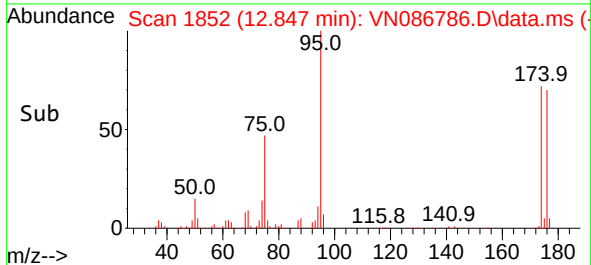
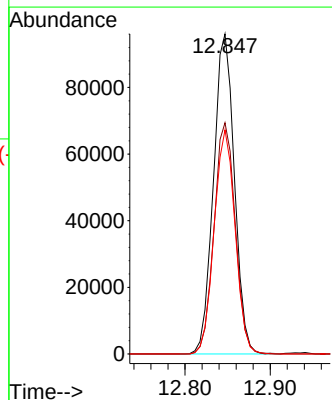
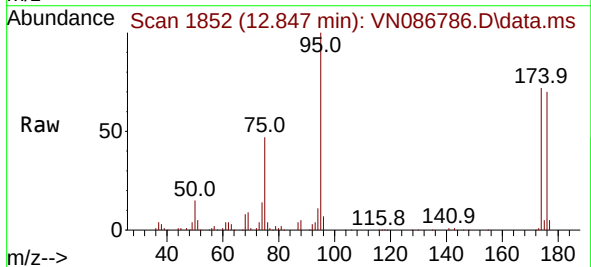
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

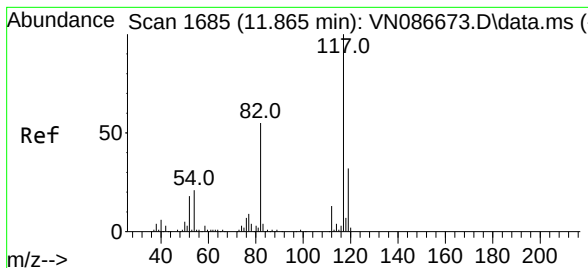
Tgt Ion:107 Resp: 2380  
Ion Ratio Lower Upper  
107 100  
109 102.2 75.0 112.4



#62  
4-Bromofluorobenzene  
Concen: 48.329 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 95 Resp: 163597  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 145.4  
176 70.2 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

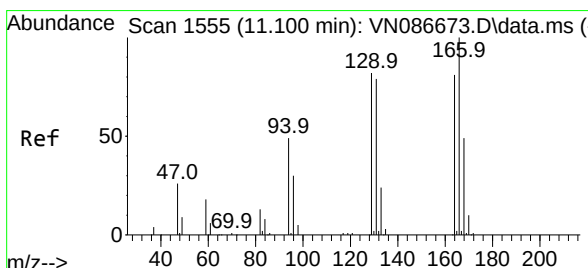
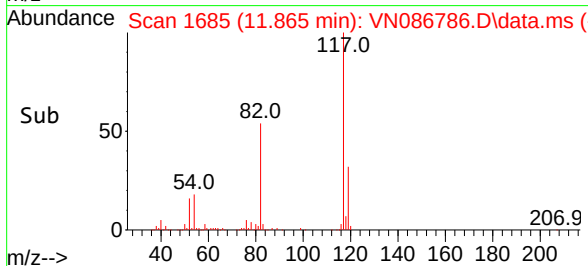
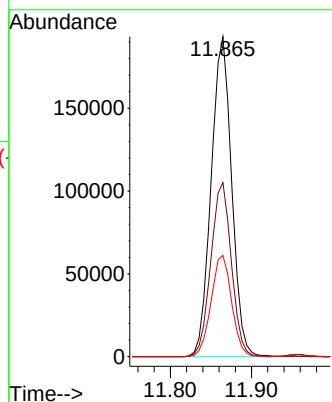
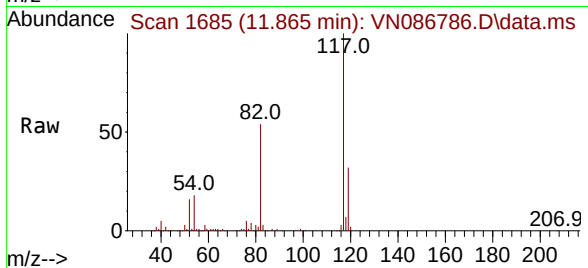
Tgt Ion:117 Resp: 338953

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.2

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 1.490 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Tgt Ion:164 Resp: 3869

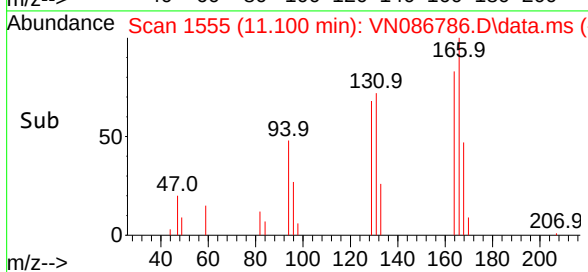
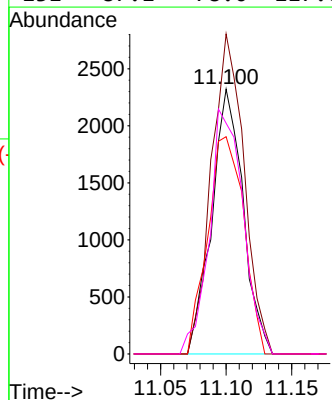
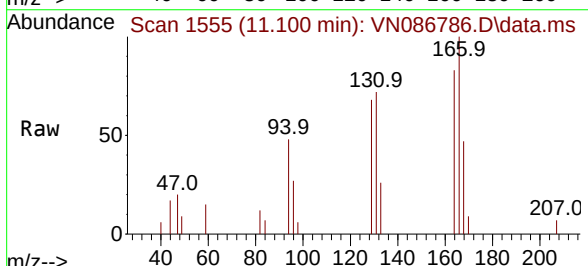
Ion Ratio Lower Upper

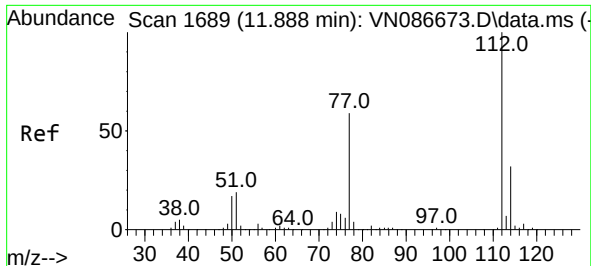
164 100

166 120.9 98.2 147.4

129 82.1 81.0 121.4

131 87.1 78.0 117.0

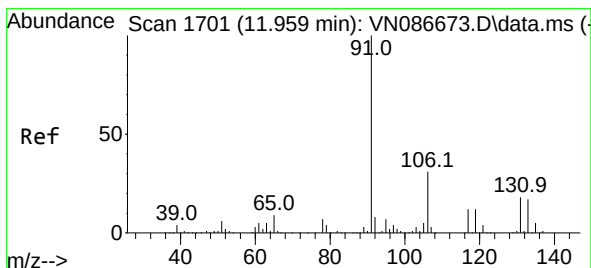
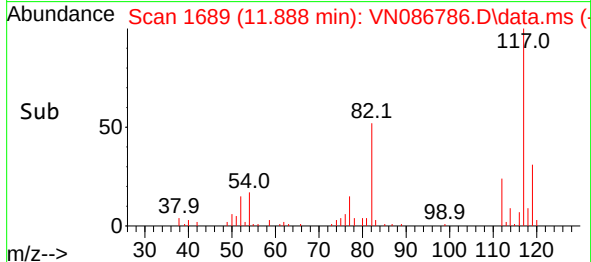
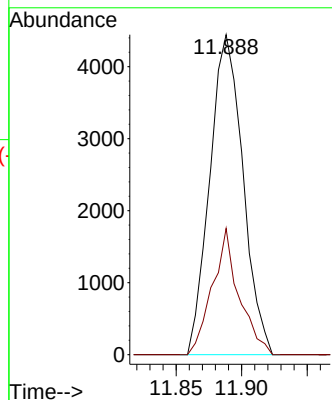
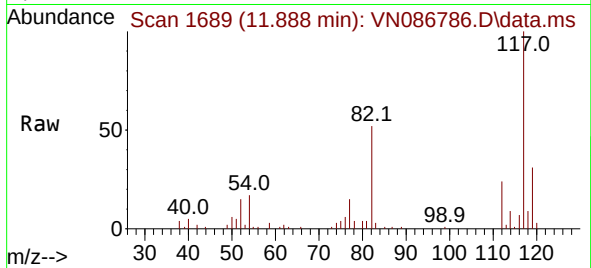




#65  
Chlorobenzene  
Concen: 1.049 ug/l  
RT: 11.888 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

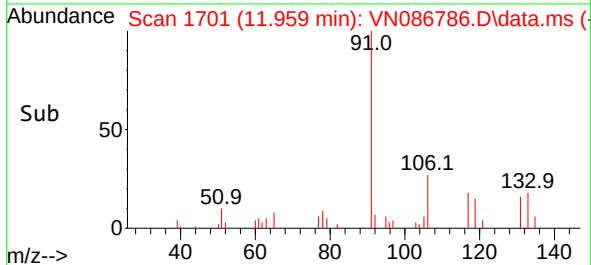
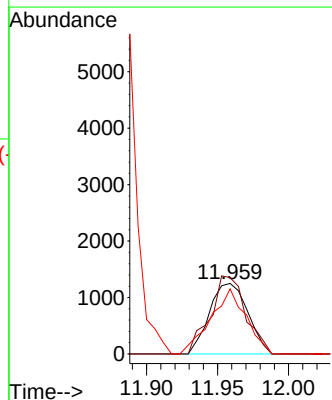
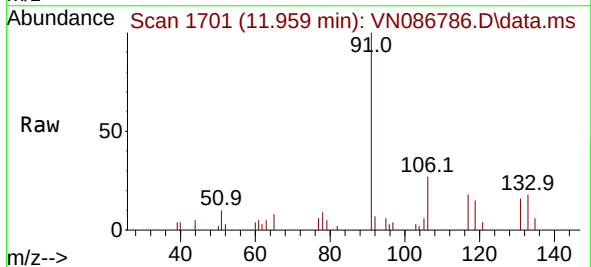
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

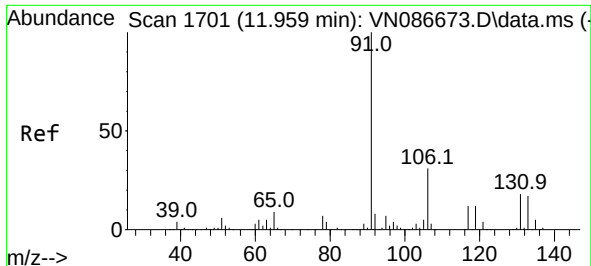
Tgt Ion:112 Resp: 7800  
Ion Ratio Lower Upper  
112 100  
114 39.4 25.9 38.9#



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.976 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:131 Resp: 2343  
Ion Ratio Lower Upper  
131 100  
133 102.3 47.9 143.7  
119 0.0 33.6 100.8#

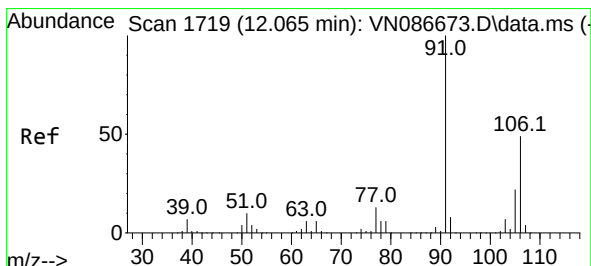
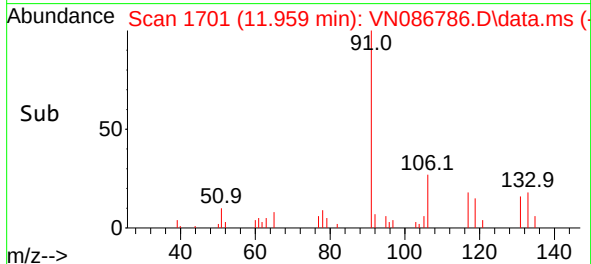
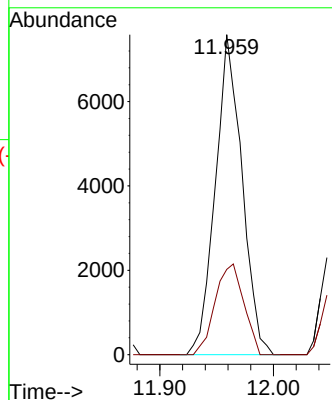
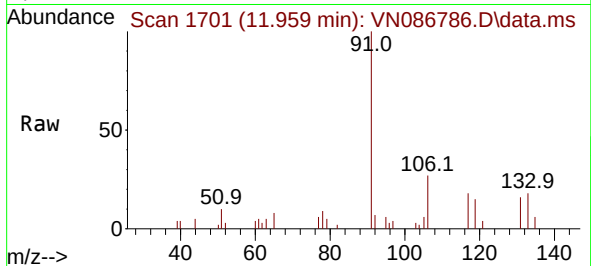




#67  
Ethyl Benzene  
Concen: 0.969 ug/l  
RT: 11.959 min Scan# 1701  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

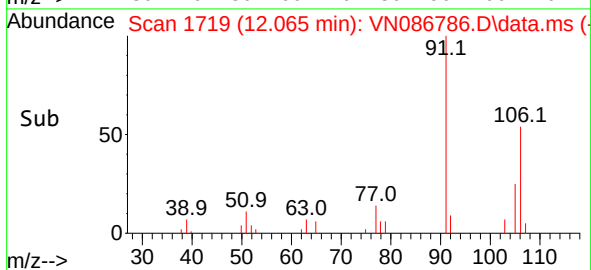
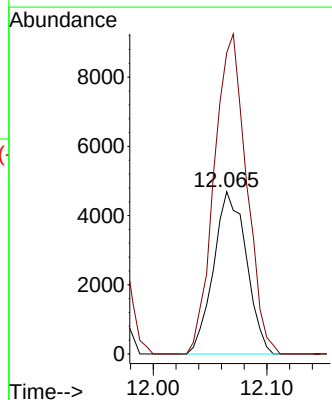
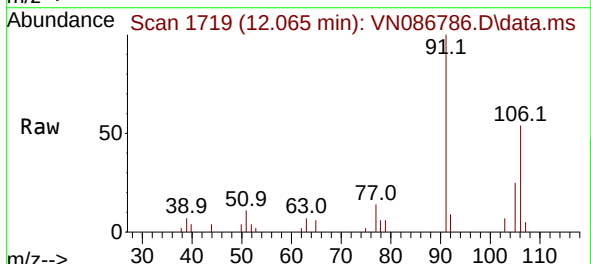
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

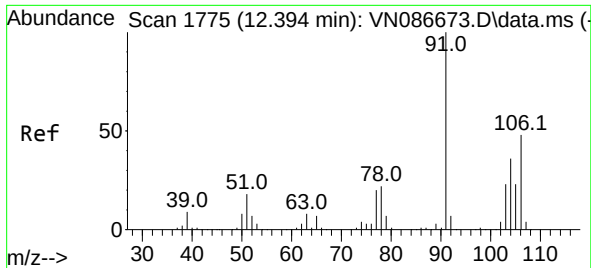
Tgt Ion: 91 Resp: 12340  
Ion Ratio Lower Upper  
91 100  
106 26.7 24.6 36.8



#68  
m/p-Xylenes  
Concen: 1.949 ug/l  
RT: 12.065 min Scan# 1719  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 106 Resp: 9399  
Ion Ratio Lower Upper  
106 100  
91 194.4 162.4 243.6

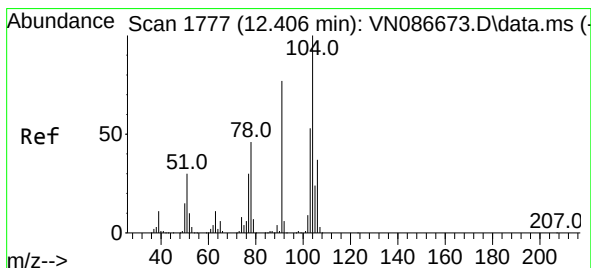
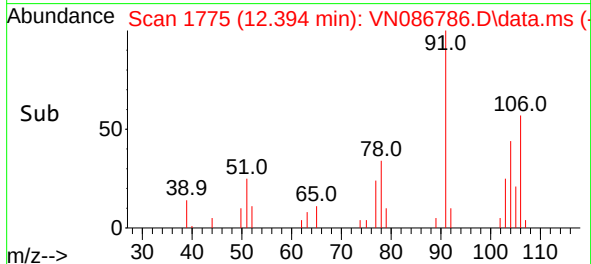
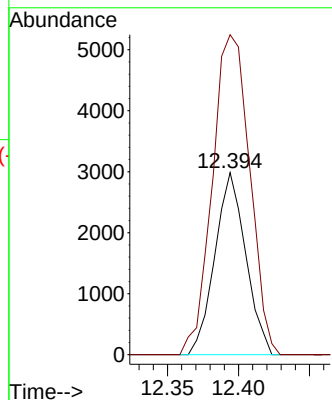
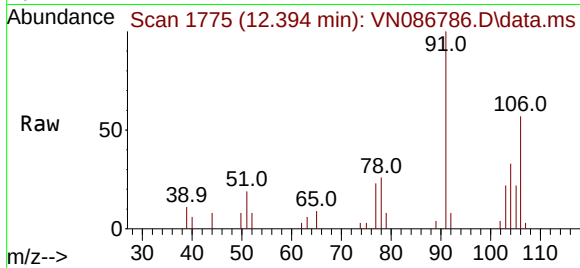




#69  
o-Xylene  
Concen: 0.940 ug/l  
RT: 12.394 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

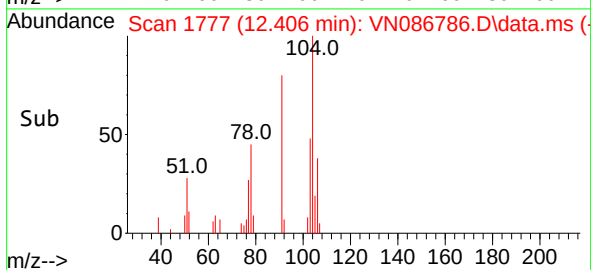
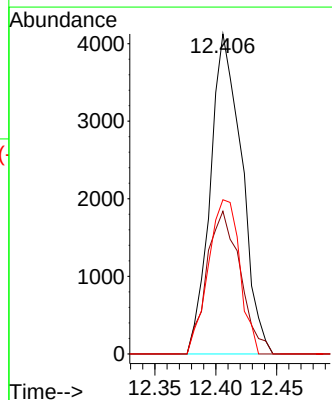
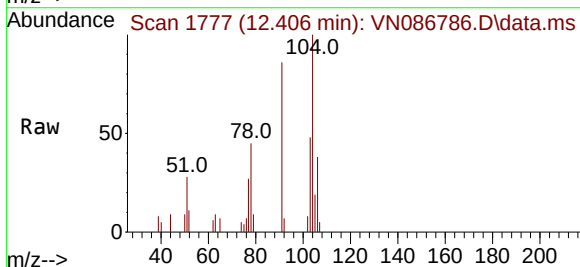
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

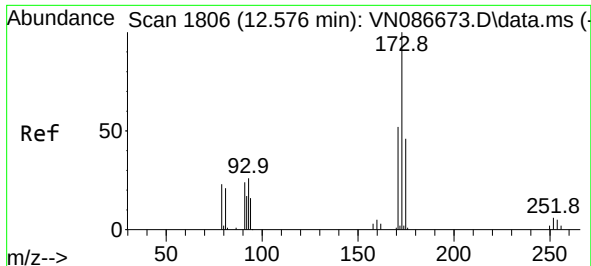
Tgt Ion:106 Resp: 4507  
Ion Ratio Lower Upper  
106 100  
91 212.7 105.1 315.1



#70  
Styrene  
Concen: 0.942 ug/l  
RT: 12.406 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:104 Resp: 7392  
Ion Ratio Lower Upper  
104 100  
78 47.8 39.0 58.6  
103 48.4 43.8 65.8

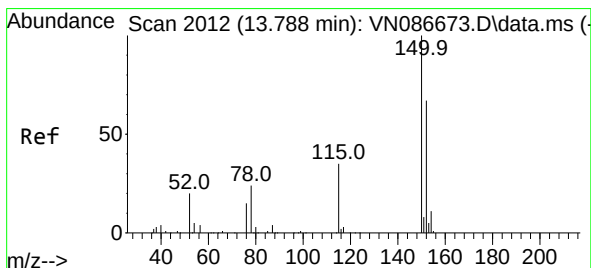
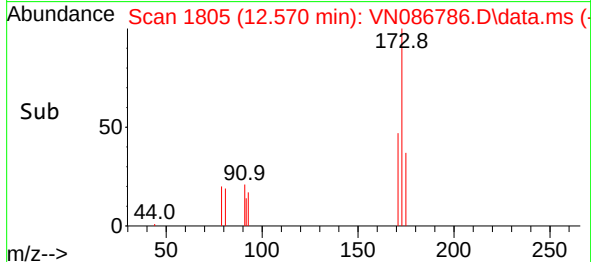
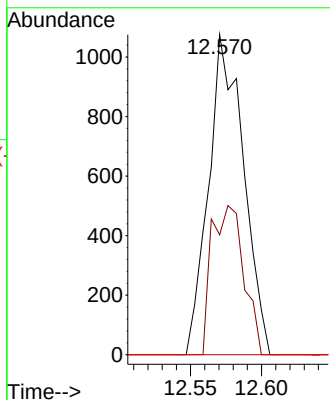
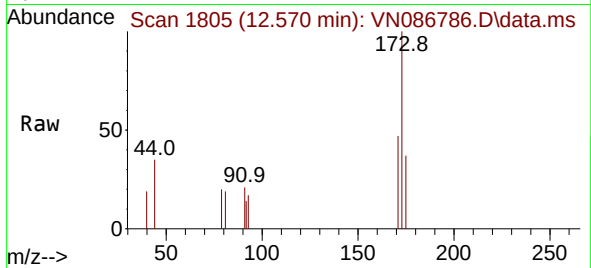




#71  
Bromoform  
Concen: 1.075 ug/l  
RT: 12.570 min Scan# 1805  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

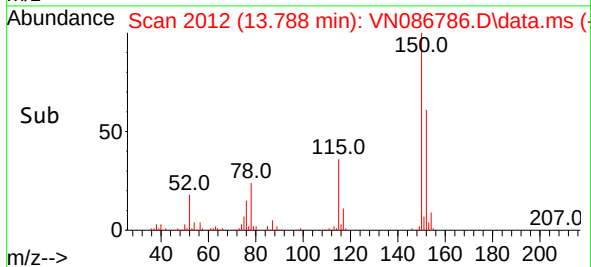
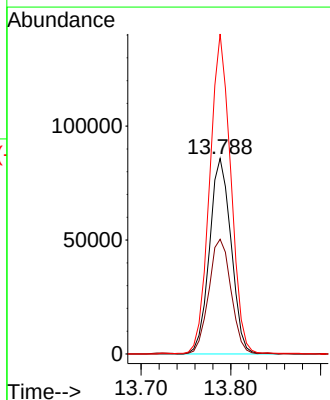
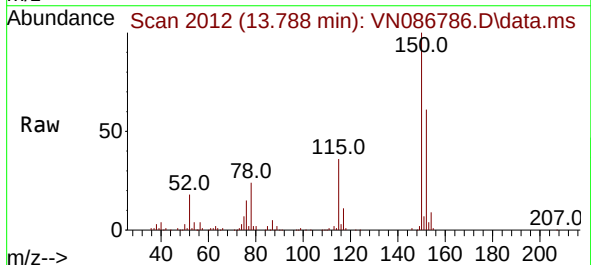
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

Tgt Ion:173 Resp: 1834  
Ion Ratio Lower Upper  
173 100  
175 43.0 23.4 70.2  
254 0.0 0.0 0.0

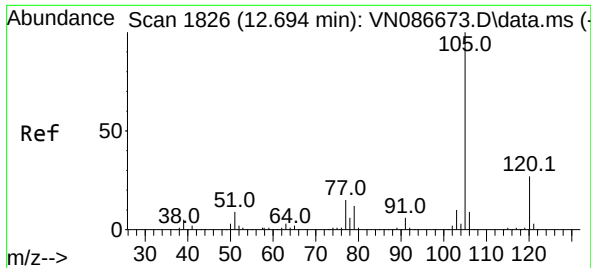


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.788 min Scan# 2012  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:152 Resp: 143585  
Ion Ratio Lower Upper  
152 100  
115 60.5 30.0 90.1  
150 160.0 0.0 347.8



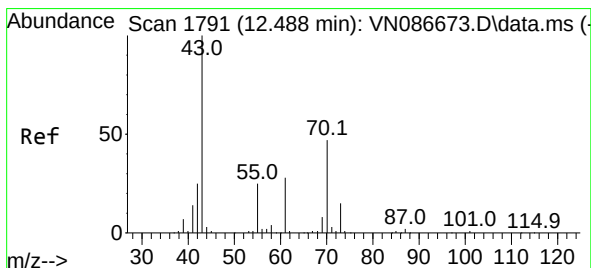
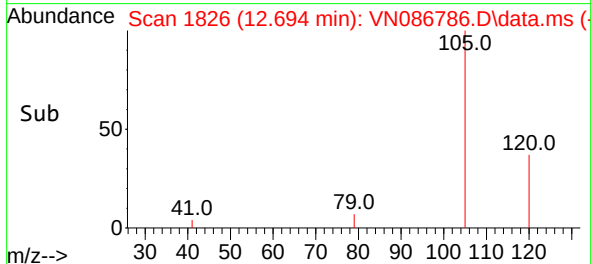
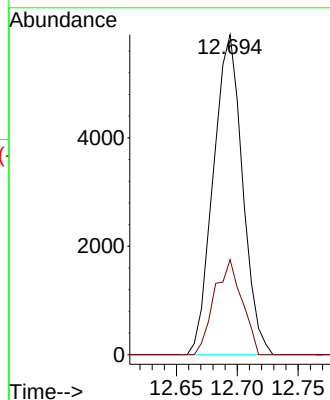
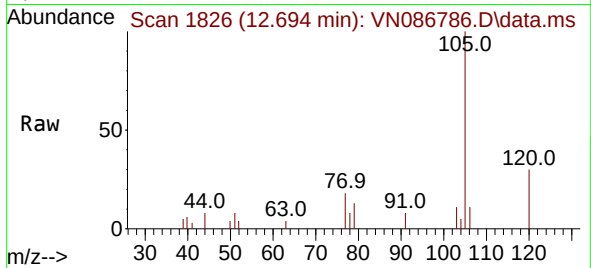




#73  
Isopropylbenzene  
Concen: 0.889 ug/l  
RT: 12.694 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

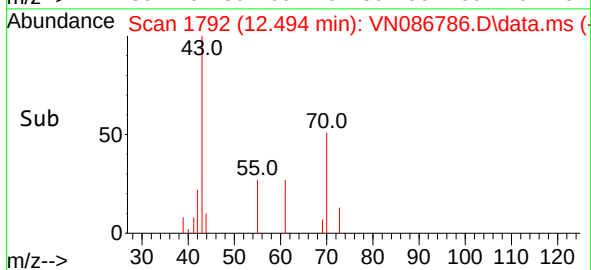
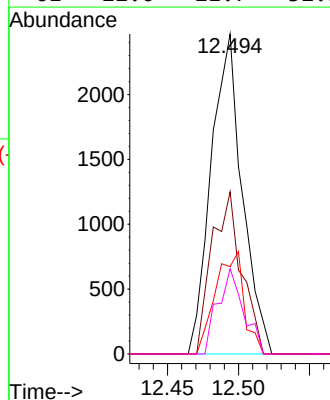
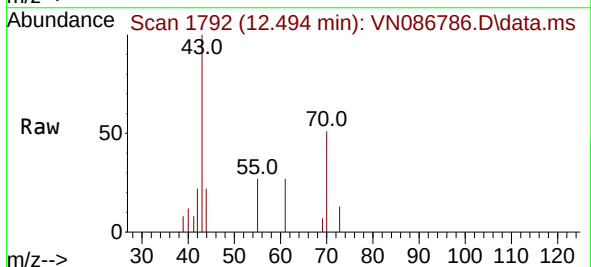
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

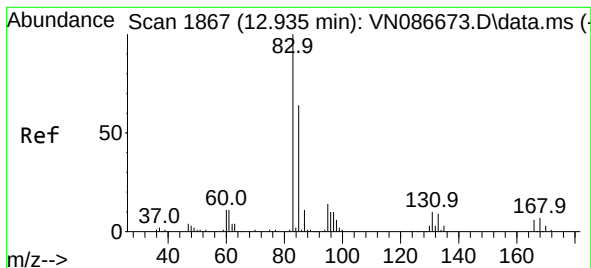
Tgt Ion:105 Resp: 9863  
Ion Ratio Lower Upper  
105 100  
120 28.1 13.4 40.1



#74  
N-ethyl acetate  
Concen: 0.809 ug/l  
RT: 12.494 min Scan# 1792  
Delta R.T. 0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 43 Resp: 3750  
Ion Ratio Lower Upper  
43 100  
70 48.4 37.9 56.9  
55 29.3 20.5 30.7  
61 22.0 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 0.673 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

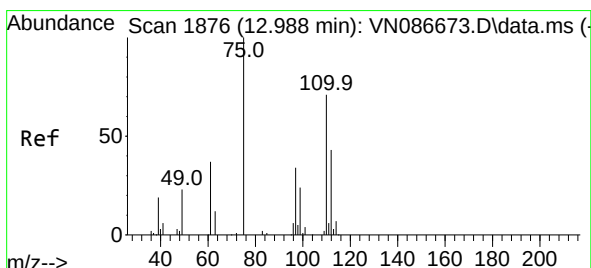
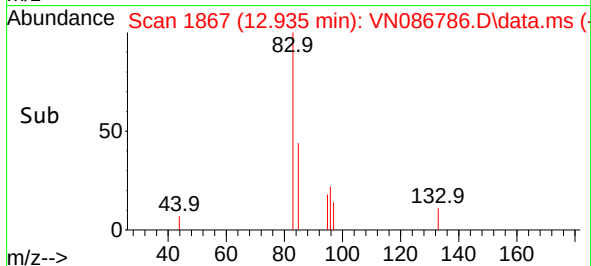
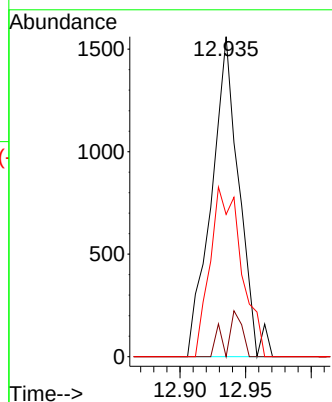
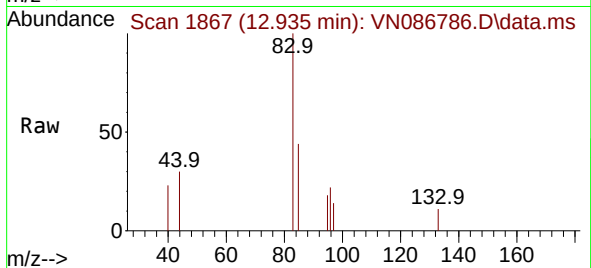
Tgt Ion: 83 Resp: 2293

Ion Ratio Lower Upper

83 100

131 8.3 5.0 15.0

85 60.1 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 1.437 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN086786.D

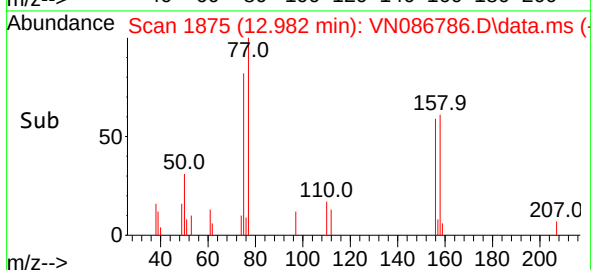
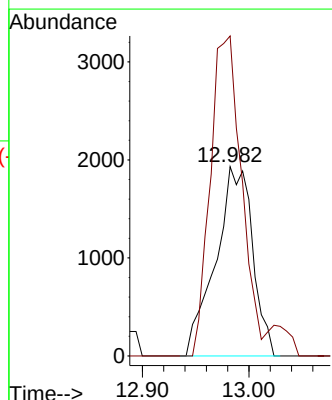
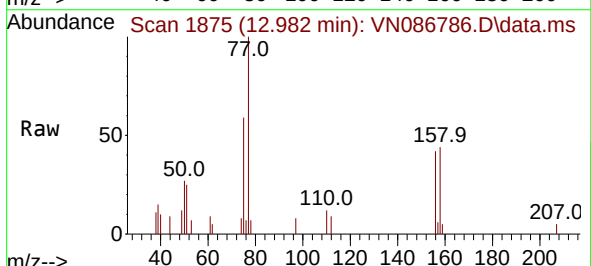
Acq: 27 May 2025 16:07

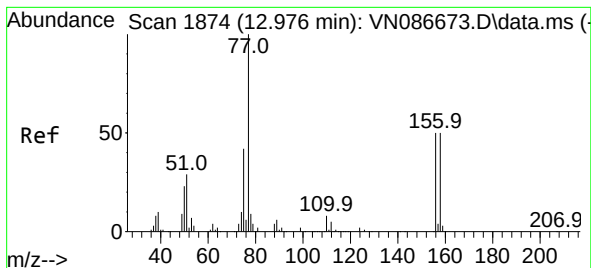
Tgt Ion: 75 Resp: 4667

Ion Ratio Lower Upper

75 100

77 143.9 96.0 288.1





#77

Bromobenzene

Concen: 0.960 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

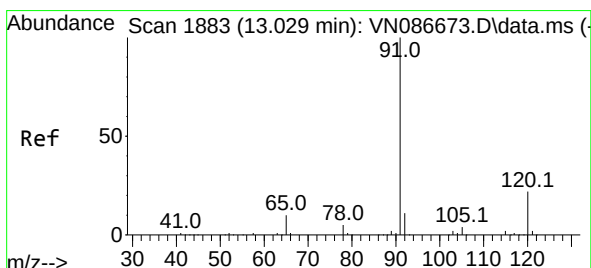
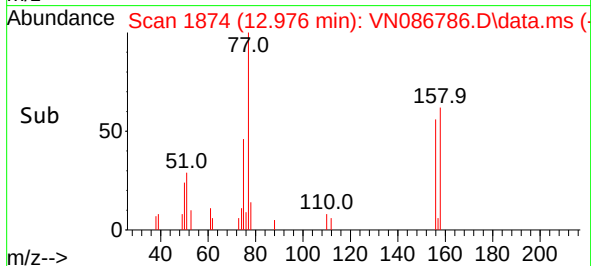
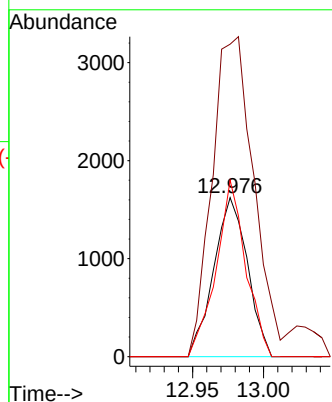
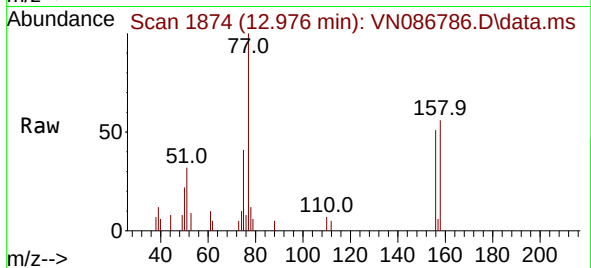
Tgt Ion:156 Resp: 2678

Ion Ratio Lower Upper

156 100

77 250.8 113.1 339.2

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 0.915 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.000 min

Lab File: VN086786.D

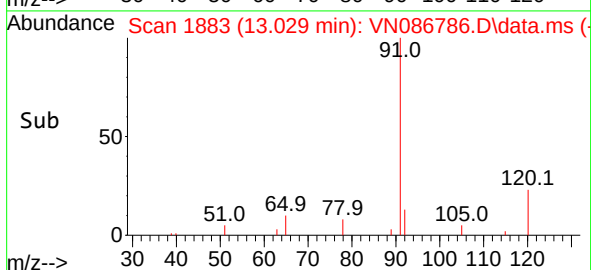
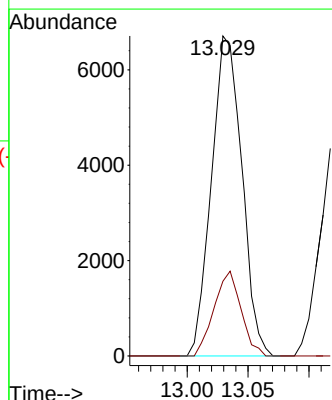
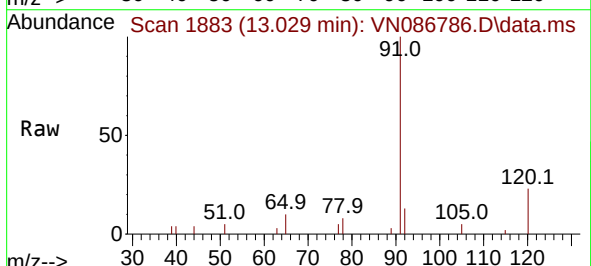
Acq: 27 May 2025 16:07

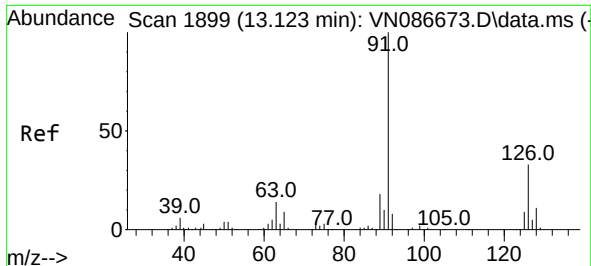
Tgt Ion: 91 Resp: 11645

Ion Ratio Lower Upper

91 100

120 23.5 11.4 34.1

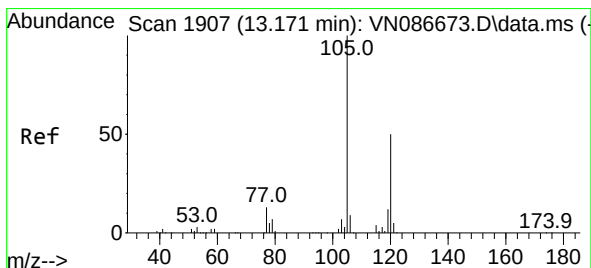
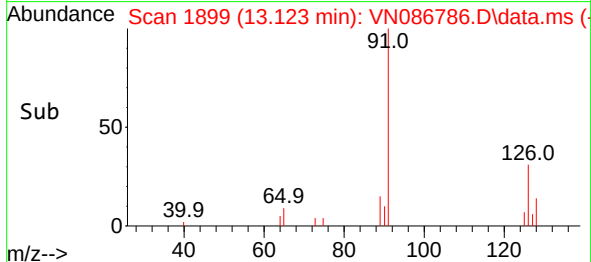
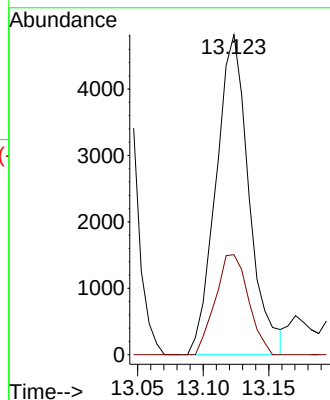
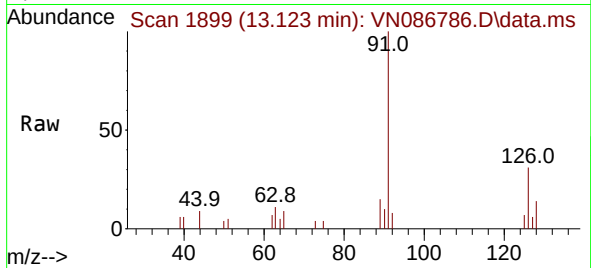




#79  
2-Chlorotoluene  
Concen: 1.019 ug/l  
RT: 13.123 min Scan# 1899  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

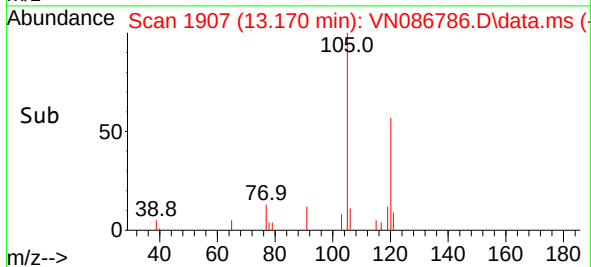
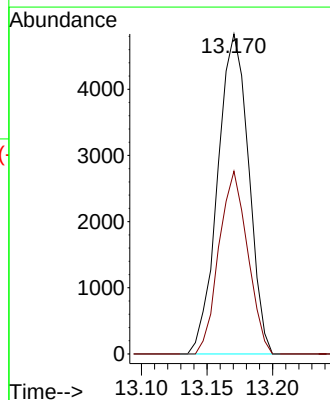
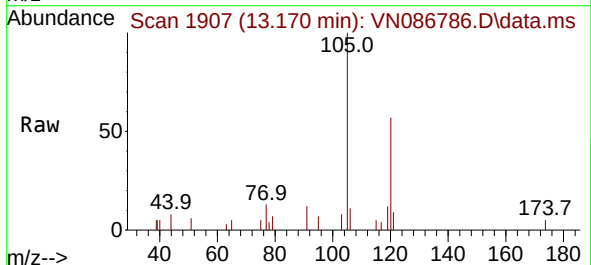
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

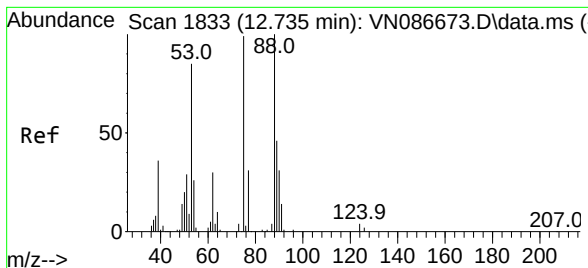
Tgt Ion: 91 Resp: 8432  
Ion Ratio Lower Upper  
91 100  
126 31.3 16.6 49.7



#80  
1,3,5-Trimethylbenzene  
Concen: 0.894 ug/l  
RT: 13.170 min Scan# 1907  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 105 Resp: 7940  
Ion Ratio Lower Upper  
105 100  
120 53.0 24.9 74.6

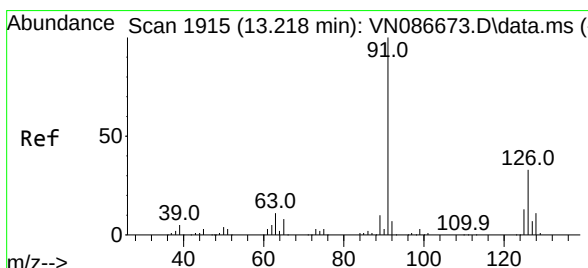
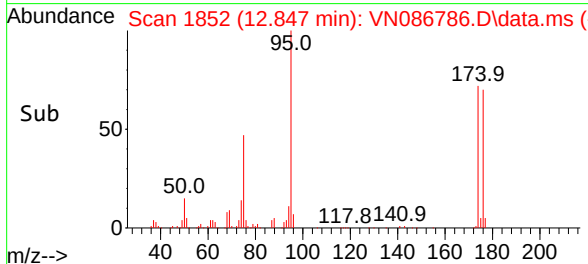
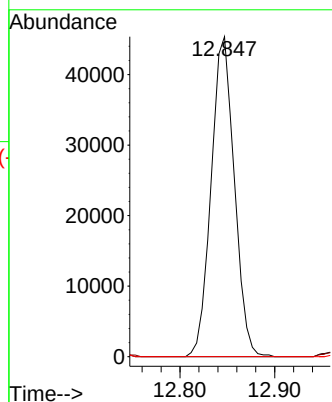
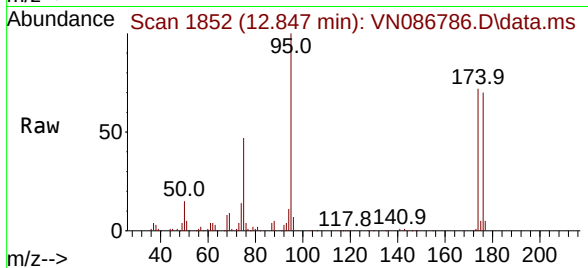




#81  
trans-1,4-Dichloro-2-butene  
Concen: 59.976 ug/l  
RT: 12.847 min Scan# 1852  
Delta R.T. 0.112 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

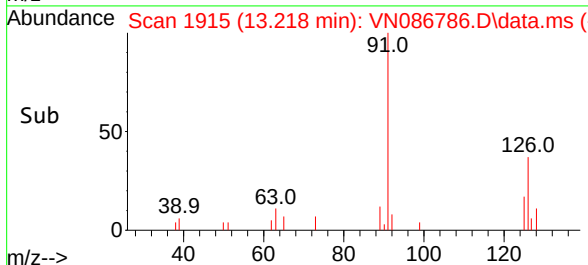
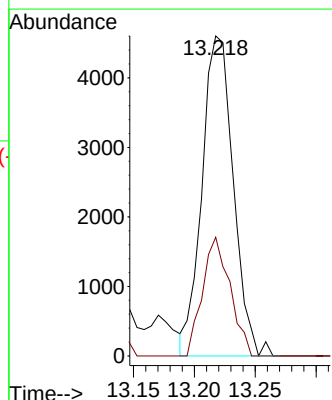
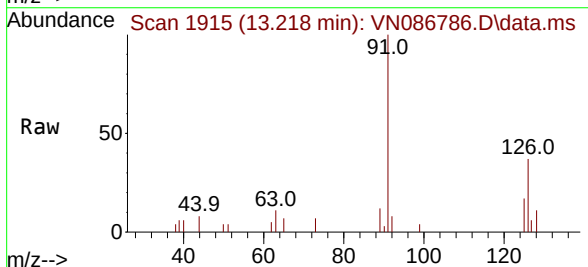
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

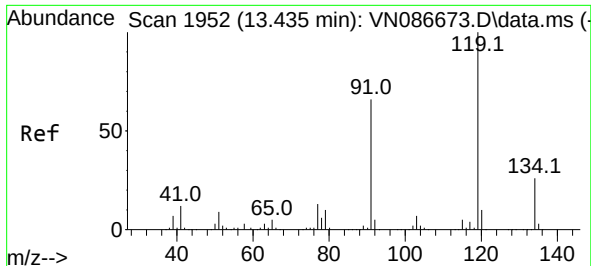
Tgt Ion: 75 Resp: 77174  
Ion Ratio Lower Upper  
75 100  
53 0.0 70.4 105.6#  
89 0.0 32.4 48.6#



#82  
4-Chlorotoluene  
Concen: 1.007 ug/l  
RT: 13.218 min Scan# 1915  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 91 Resp: 8255  
Ion Ratio Lower Upper  
91 100  
126 32.6 17.0 50.9

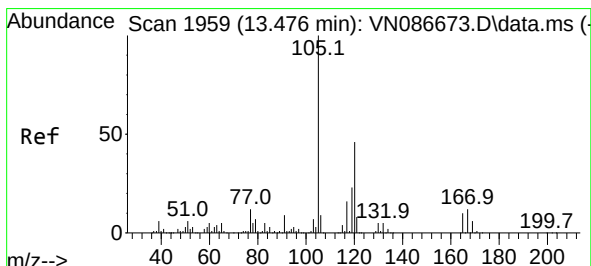
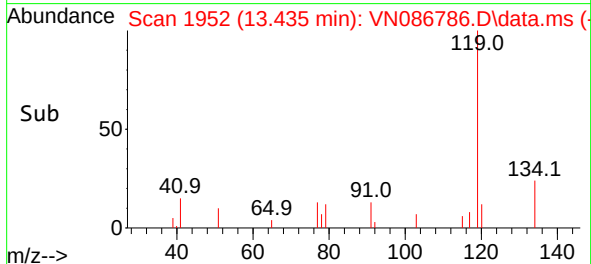
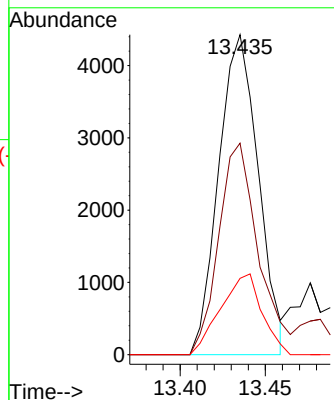
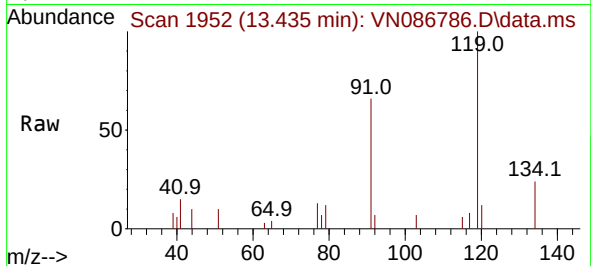




#83  
tert-Butylbenzene  
Concen: 0.925 ug/l  
RT: 13.435 min Scan# 1952  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

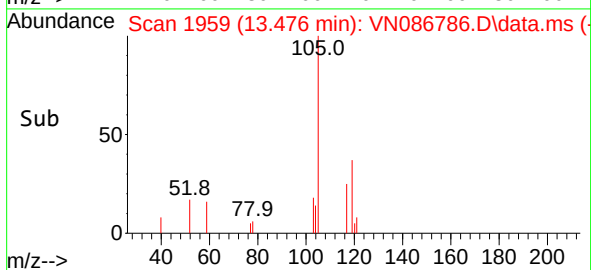
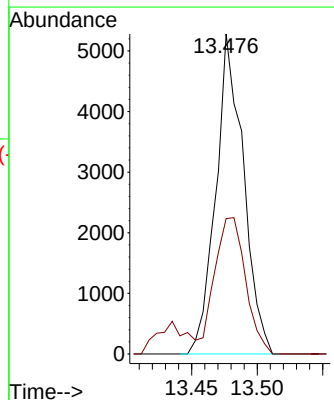
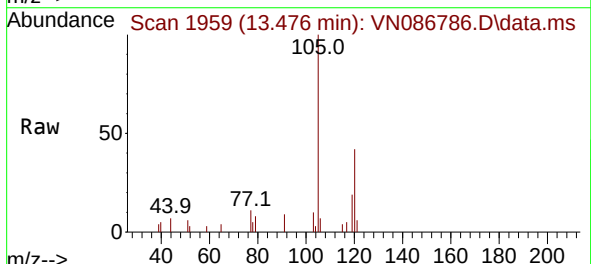
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

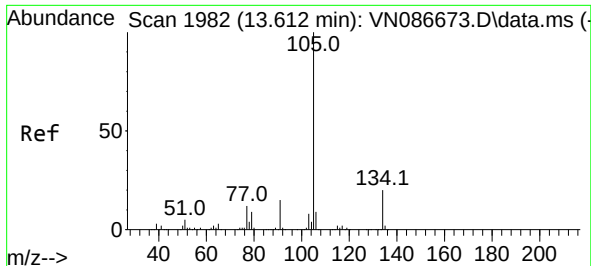
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 7171  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 65.9  | 32.9  | 98.7  |
| 134      | 26.3  | 13.4  | 40.1  |



#84  
1,2,4-Trimethylbenzene  
Concen: 0.873 ug/l  
RT: 13.476 min Scan# 1959  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 7720  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 48.1  | 23.2  | 69.6  |

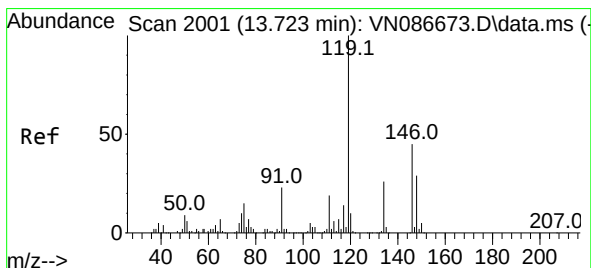
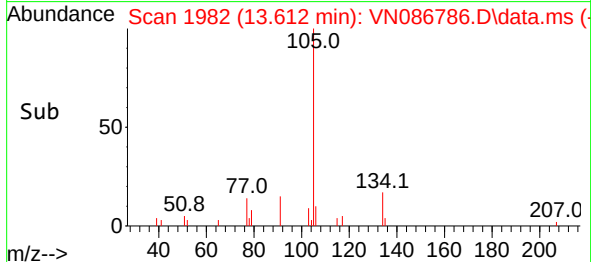
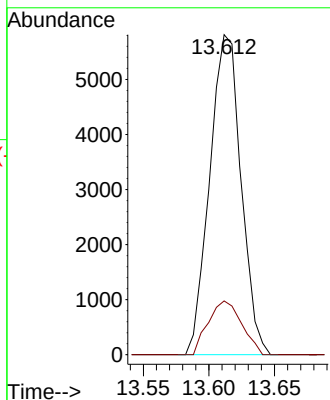
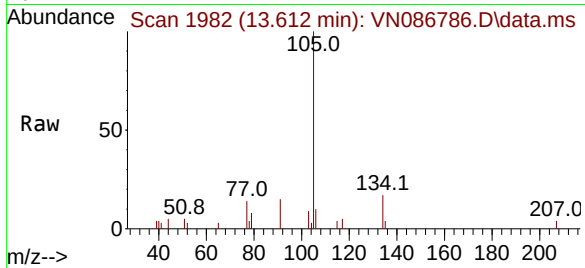




#85  
 sec-Butylbenzene  
 Concen: 0.930 ug/l  
 RT: 13.612 min Scan# 1982  
 Delta R.T. -0.000 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

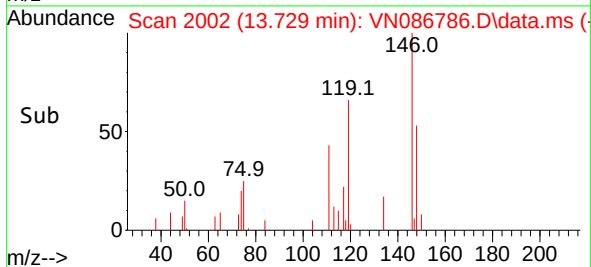
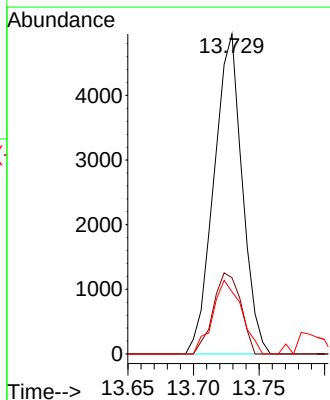
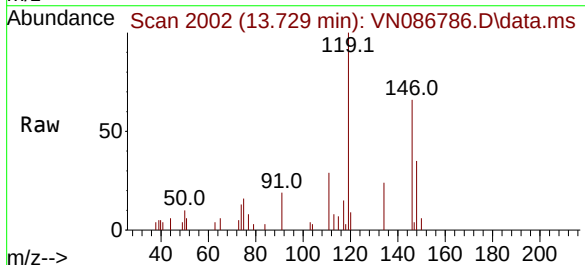
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

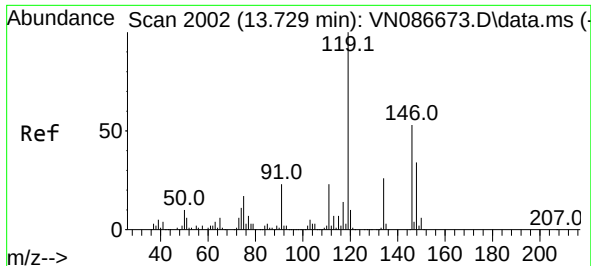
Tgt Ion:105 Resp: 9662  
 Ion Ratio Lower Upper  
 105 100  
 134 18.0 10.1 30.1



#86  
 p-Isopropyltoluene  
 Concen: 0.870 ug/l  
 RT: 13.729 min Scan# 2002  
 Delta R.T. 0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

Tgt Ion:119 Resp: 7412  
 Ion Ratio Lower Upper  
 119 100  
 134 24.6 13.1 39.1  
 91 23.5 11.5 34.5

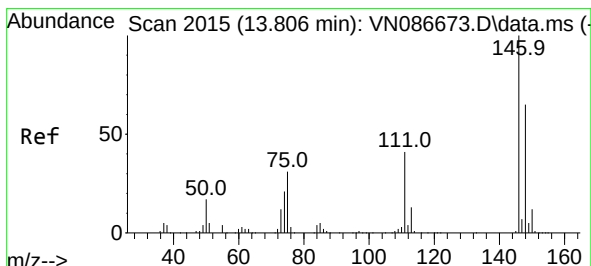
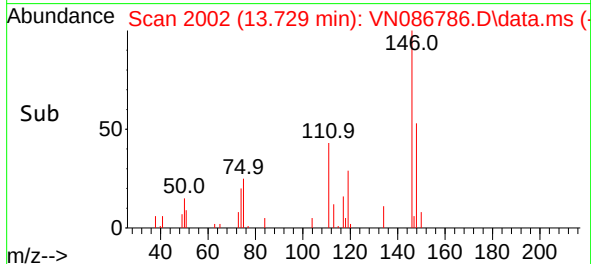
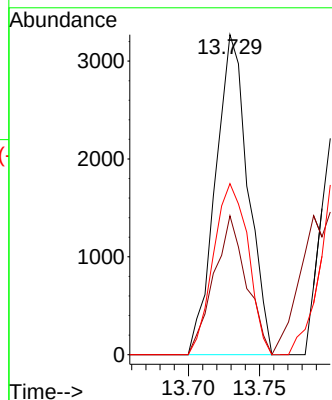
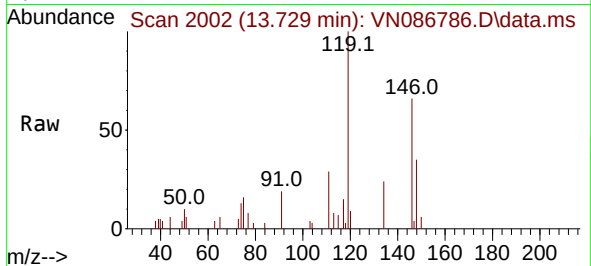




#87  
1,3-Dichlorobenzene  
Concen: 1.082 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

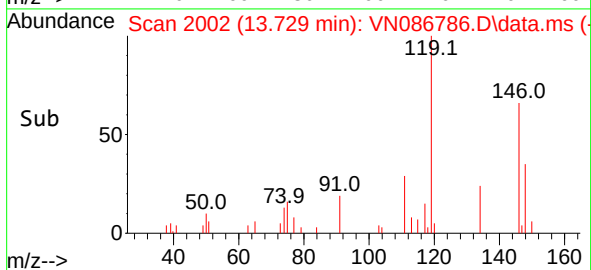
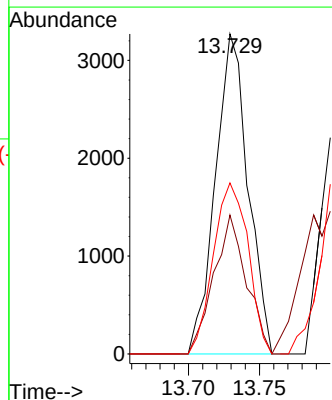
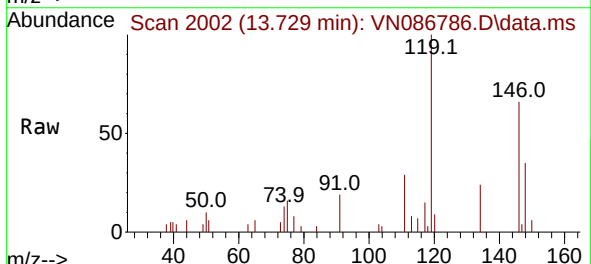
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

Tgt Ion:146 Resp: 5229  
Ion Ratio Lower Upper  
146 100  
111 43.4 20.9 62.7  
148 57.0 31.8 95.4

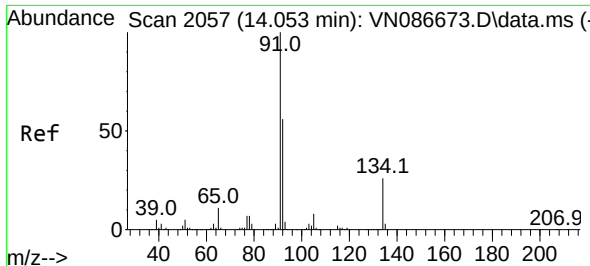


#88  
1,4-Dichlorobenzene  
Concen: 1.093 ug/l  
RT: 13.729 min Scan# 2002  
Delta R.T. -0.077 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion:146 Resp: 5229  
Ion Ratio Lower Upper  
146 100  
111 43.4 20.6 61.8  
148 57.0 32.0 96.0



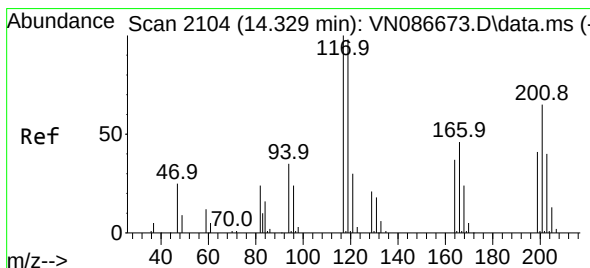
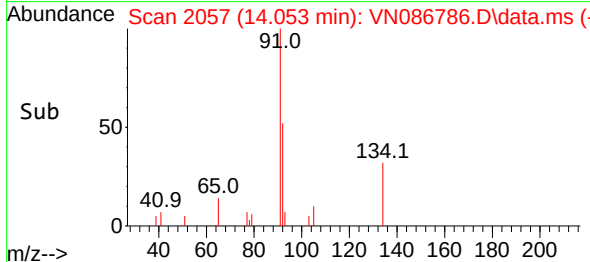
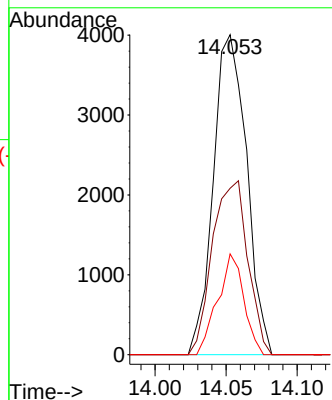
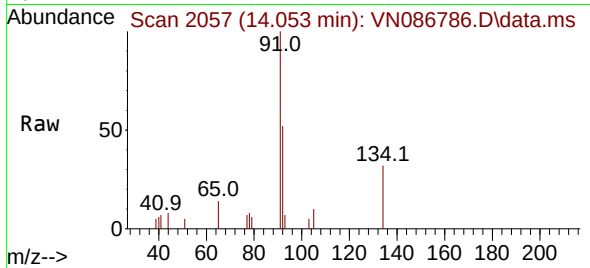




#89  
n-Butylbenzene  
Concen: 0.924 ug/l  
RT: 14.053 min Scan# 2057  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

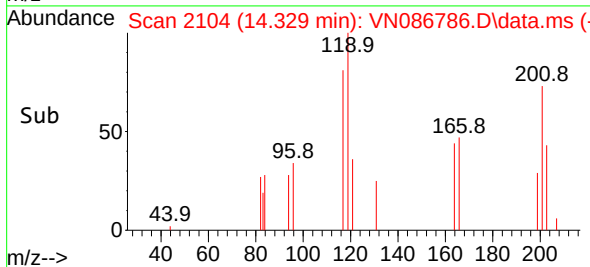
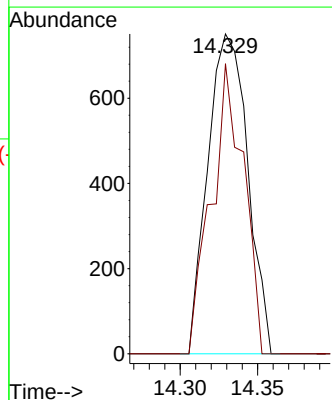
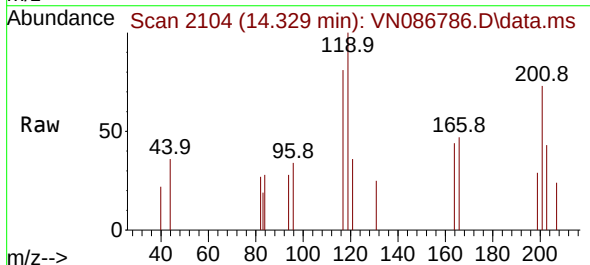
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

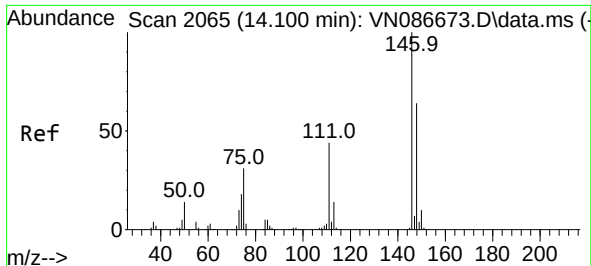
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 91 | Resp: | 6525        |
| Ion         | Ratio | Lower Upper |
| 91          | 100   |             |
| 92          | 57.7  | 27.4 82.0   |
| 134         | 24.8  | 12.8 38.4   |



#90  
Hexachloroethane  
Concen: 0.954 ug/l  
RT: 14.329 min Scan# 2104  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

|              |       |             |
|--------------|-------|-------------|
| Tgt Ion: 117 | Resp: | 1348        |
| Ion          | Ratio | Lower Upper |
| 117          | 100   |             |
| 201          | 73.4  | 32.0 96.0   |

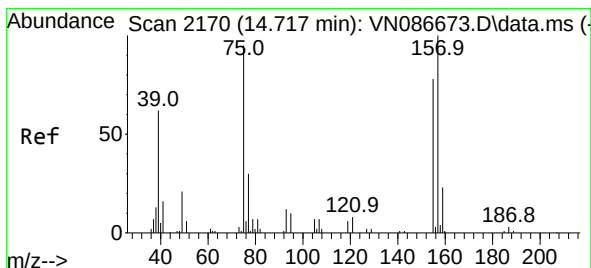
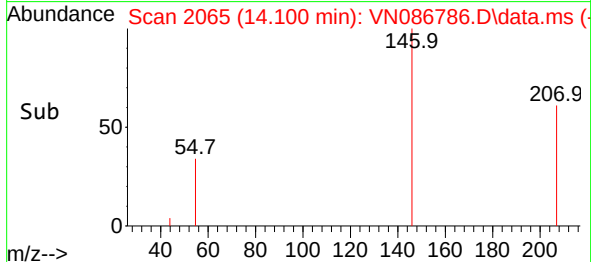
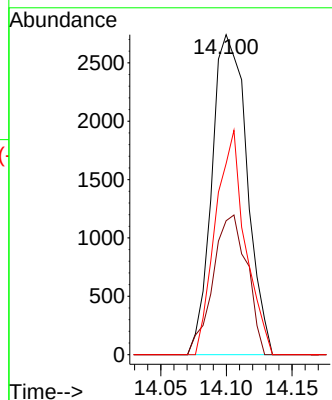
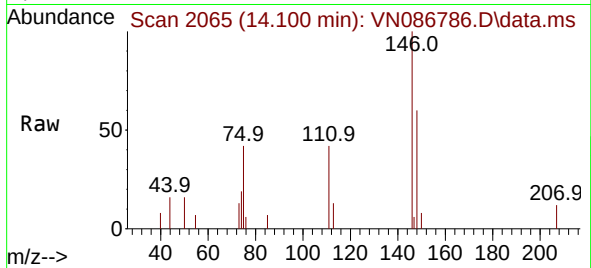




#91  
1,2-Dichlorobenzene  
Concen: 1.109 ug/l  
RT: 14.100 min Scan# 2065  
Delta R.T. -0.000 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

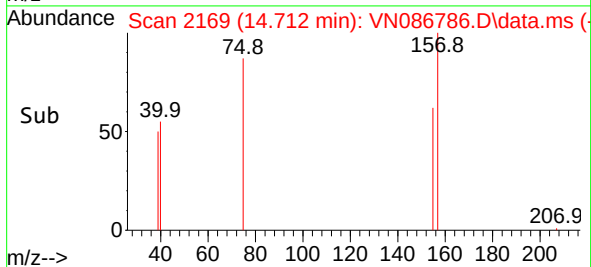
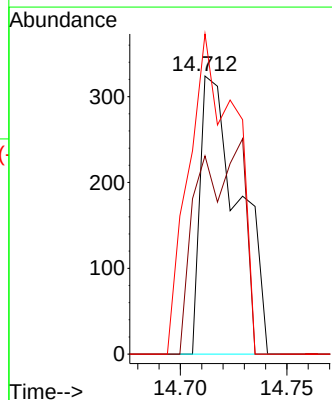
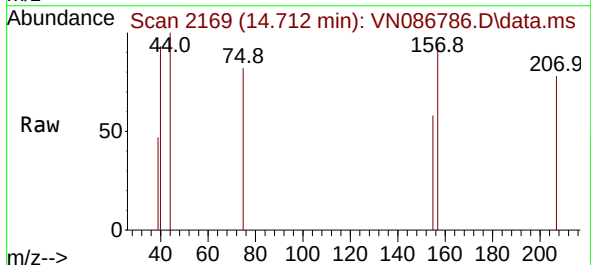
Instrument :  
MSVOA\_N  
ClientSampleId :  
LOQ-WATER-02-QT2-2025

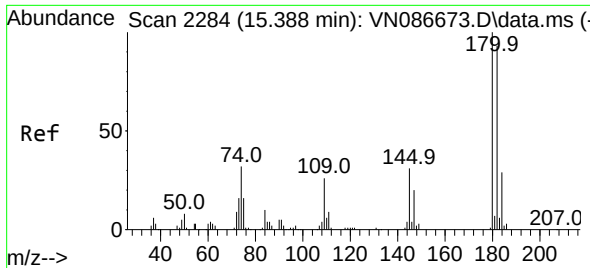
Tgt Ion:146 Resp: 5096  
Ion Ratio Lower Upper  
146 100  
111 42.4 21.6 65.0  
148 59.7 31.7 95.1



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.725 ug/l  
RT: 14.712 min Scan# 2169  
Delta R.T. -0.006 min  
Lab File: VN086786.D  
Acq: 27 May 2025 16:07

Tgt Ion: 75 Resp: 409  
Ion Ratio Lower Upper  
75 100  
155 91.7 40.5 121.5  
157 138.6 53.6 160.8

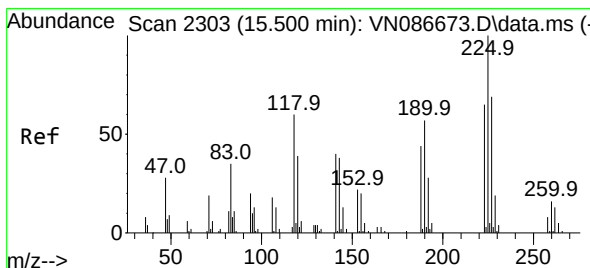
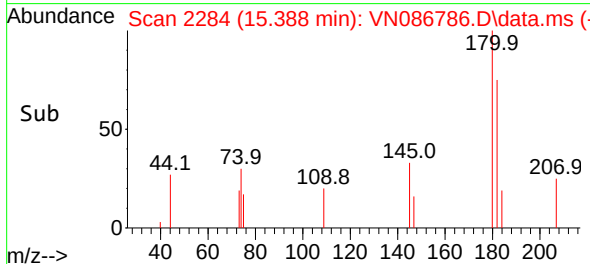
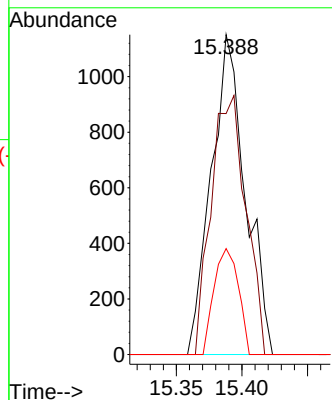
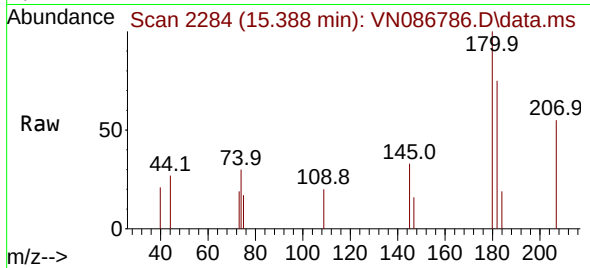




#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.078 ug/l  
 RT: 15.388 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

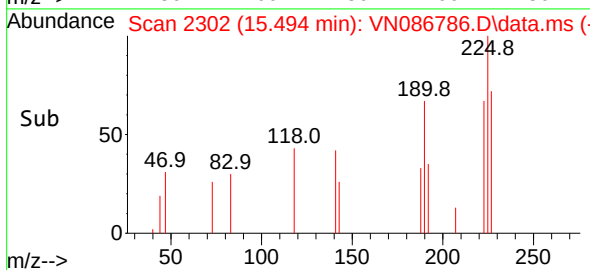
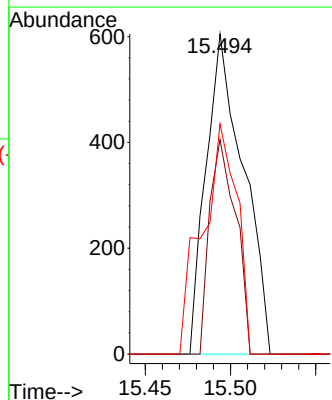
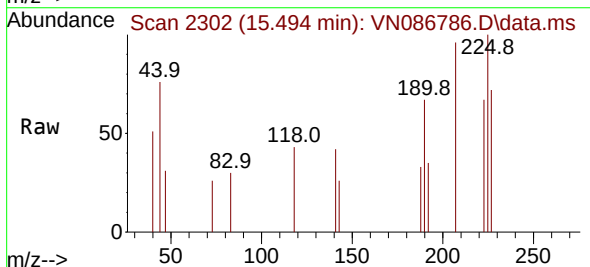
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 LOQ-WATER-02-QT2-2025

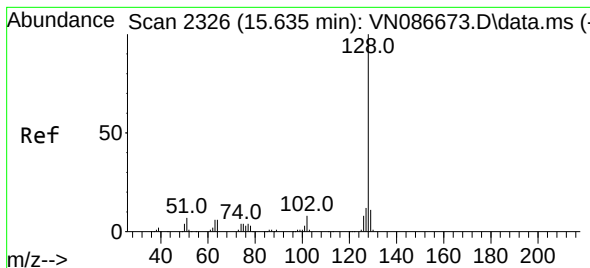
Tgt Ion:180 Resp: 2090  
 Ion Ratio Lower Upper  
 180 100  
 182 82.1 47.1 141.3  
 145 23.5 15.6 46.8



#94  
 Hexachlorobutadiene  
 Concen: 1.145 ug/l  
 RT: 15.494 min Scan# 2302  
 Delta R.T. -0.006 min  
 Lab File: VN086786.D  
 Acq: 27 May 2025 16:07

Tgt Ion:225 Resp: 921  
 Ion Ratio Lower Upper  
 225 100  
 223 47.1 32.9 98.6  
 227 67.0 32.4 97.2





#95

Naphthalene

Concen: 1.088 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

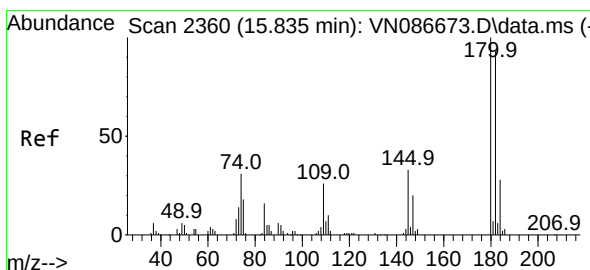
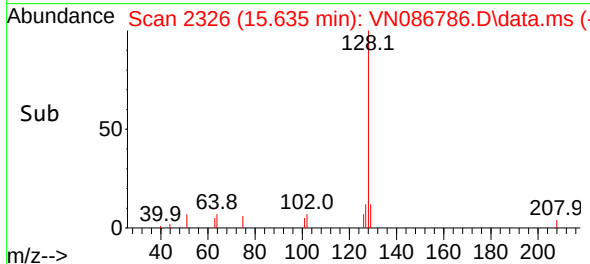
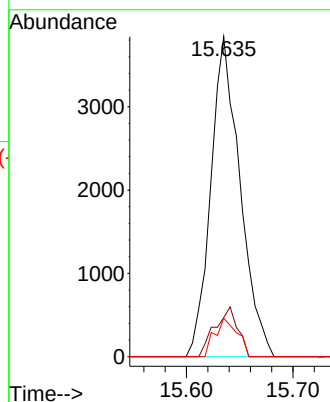
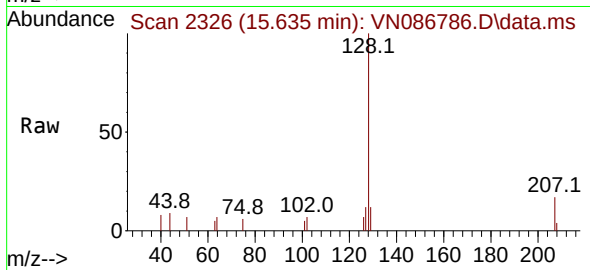
Instrument :

MSVOA\_N

ClientSampleId :

LOQ-WATER-02-QT2-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 7324  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.2  | 10.1  | 15.1  |
| 129      | 9.2   | 8.6   | 13.0  |



#96

1,2,3-Trichlorobenzene

Concen: 1.009 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086786.D

Acq: 27 May 2025 16:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1916  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 92.2  | 47.0  | 141.2 |
| 145      | 28.4  | 16.7  | 50.1  |

