

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX021225\  
 Data File : VX044935.D  
 Acq On : 12 Feb 2025 15:58  
 Operator : JC/MD  
 Sample : Q1168-08 1.0PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 13 03:28:47 2025  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|------------------------------|--------|-------|----------|----------|--------|----------|
| -----                        |        |       |          |          |        |          |
| Internal Standards           |        |       |          |          |        |          |
| 1) Pentafluorobenzene        | 5.544  | 168   | 107096   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 6.757  | 114   | 195463   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 10.049 | 117   | 170149   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 12.018 | 152   | 70549    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds  |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4    | 5.946  | 65    | 90303    | 57.603   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 74 - 125 | Recovery | =      | 115.200% |
| 35) Dibromofluoromethane     | 5.379  | 113   | 70309    | 55.325   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 75 - 124 | Recovery | =      | 110.660% |
| 50) Toluene-d8               | 8.647  | 98    | 260278   | 54.162   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 86 - 113 | Recovery | =      | 108.320% |
| 62) 4-Bromofluorobenzene     | 11.079 | 95    | 84920    | 52.418   | ug/l   | 0.00     |
| Spiked Amount                | 50.000 | Range | 77 - 121 | Recovery | =      | 104.840% |
| Target Compounds             |        |       |          |          |        |          |
|                              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 1373     | 0.914    | ug/l   | 88       |
| 3) Chloromethane             | 1.300  | 50    | 1892     | 1.035    | ug/l   | 91       |
| 4) Vinyl Chloride            | 1.374  | 62    | 1805     | 1.019    | ug/l # | 86       |
| 5) Bromomethane              | 1.593  | 94    | 652      | 1.230    | ug/l   | 90       |
| 6) Chloroethane              | 1.666  | 64    | 1271     | 1.936    | ug/l   | 89       |
| 7) Trichlorofluoromethane    | 1.873  | 101   | 2282     | 1.019    | ug/l # | 82       |
| 8) Diethyl Ether             | 2.130  | 74    | 823      | 1.013    | ug/l   | 78       |
| 9) 1,1,2-Trichlorotrifluo... | 2.319  | 101   | 1243     | 0.919    | ug/l   | 93       |
| 10) Methyl Iodide            | 2.447  | 142   | 1579     | 0.900    | ug/l   | 97       |
| 11) Tert butyl alcohol       | 2.940  | 59    | 1445     | 4.968    | ug/l # | 73       |
| 12) 1,1-Dichloroethene       | 2.319  | 96    | 1394     | 1.010    | ug/l # | 60       |
| 13) Acrolein                 | 2.239  | 56    | 1463     | 4.876    | ug/l   | 93       |
| 14) Allyl chloride           | 2.660  | 41    | 2417     | 0.969    | ug/l # | 84       |
| 15) Acrylonitrile            | 3.068  | 53    | 3926     | 5.056    | ug/l   | 96       |
| 16) Acetone                  | 2.386  | 43    | 4068     | 6.455    | ug/l # | 86       |
| 17) Carbon Disulfide         | 2.501  | 76    | 3666     | 0.968    | ug/l   | 96       |
| 18) Methyl Acetate           | 2.703  | 43    | 2076     | 1.044    | ug/l   | 98       |
| 19) Methyl tert-butyl Ether  | 3.111  | 73    | 4216     | 0.960    | ug/l   | 97       |
| 20) Methylene Chloride       | 2.782  | 84    | 1716     | 1.112    | ug/l # | 85       |
| 21) trans-1,2-Dichloroethene | 3.087  | 96    | 1215     | 0.894    | ug/l # | 76       |
| 22) Diisopropyl ether        | 3.757  | 45    | 4699     | 0.996    | ug/l # | 54       |
| 23) Vinyl Acetate            | 3.727  | 43    | 16221    | 4.216    | ug/l # | 93       |
| 24) 1,1-Dichloroethane       | 3.605  | 63    | 2659     | 1.007    | ug/l # | 94       |
| 25) 2-Butanone               | 4.599  | 43    | 4979     | 4.865    | ug/l # | 83       |
| 26) 2,2-Dichloropropane      | 4.464  | 77    | 1796     | 0.858    | ug/l   | 96       |
| 27) cis-1,2-Dichloroethene   | 4.495  | 96    | 1427     | 0.874    | ug/l   | 89       |
| 28) Bromochloromethane       | 4.910  | 49    | 1140     | 0.898    | ug/l # | 90       |
| 29) Tetrahydrofuran          | 5.019  | 42    | 3671     | 5.402    | ug/l   | 96       |
| 30) Chloroform               | 5.098  | 83    | 2662     | 1.039    | ug/l   | 100      |
| 31) Cyclohexane              | 5.446  | 56    | 2445     | 1.004    | ug/l # | 78       |
| 32) 1,1,1-Trichloroethane    | 5.379  | 97    | 2127     | 0.979    | ug/l # | 48       |
| 36) 1,1-Dichloropropene      | 5.684  | 75    | 2124     | 1.158    | ug/l # | 85       |
| 37) Ethyl Acetate            | 4.739  | 43    | 1527     | 0.749    | ug/l # | 69       |
| 38) Carbon Tetrachloride     | 5.678  | 117   | 2043     | 1.137    | ug/l # | 92       |
| 39) Methylcyclohexane        | 7.379  | 83    | 2150     | 0.907    | ug/l   | 94       |
| 40) Benzene                  | 6.043  | 78    | 5550     | 0.969    | ug/l   | 97       |

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 Sample : Q1168-08 1.0PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 13 03:28:47 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.934  | 41   | 531      | 0.486  | ug/l # | 26       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 2039     | 1.117  | ug/l   | 85       |
| 43) Isopropyl Acetate         | 6.354  | 43   | 3002     | 0.912  | ug/l # | 88       |
| 44) Trichloroethene           | 7.129  | 130  | 1287     | 0.983  | ug/l   | 98       |
| 45) 1,2-Dichloropropane       | 7.433  | 63   | 1487     | 1.044  | ug/l   | 89       |
| 46) Dibromomethane            | 7.592  | 93   | 978      | 0.990  | ug/l   | 92       |
| 47) Bromodichloromethane      | 7.824  | 83   | 1780     | 0.931  | ug/l # | 85       |
| 48) Methyl methacrylate       | 7.708  | 41   | 1217     | 0.784  | ug/l # | 76       |
| 49) 1,4-Dioxane               | 7.683  | 88   | 585      | 17.560 | ug/l # | 64       |
| 51) 4-Methyl-2-Pentanone      | 8.573  | 43   | 9590     | 4.790  | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 3636     | 1.066  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 1473     | 0.761  | ug/l   | 89       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1992     | 0.923  | ug/l # | 87       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 1246     | 0.951  | ug/l # | 86       |
| 56) Ethyl methacrylate        | 9.128  | 69   | 1563     | 0.738  | ug/l # | 67       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 2406     | 1.049  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether | 8.244  | 63   | 4426     | 4.258  | ug/l   | 97       |
| 59) 2-Hexanone                | 9.439  | 43   | 6342     | 4.396  | ug/l   | 99       |
| 60) Dibromochloromethane      | 9.518  | 129  | 1217     | 0.868  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 1272     | 0.957  | ug/l   | 96       |
| 64) Tetrachloroethene         | 9.275  | 164  | 916      | 0.854  | ug/l   | 91       |
| 65) Chlorobenzene             | 10.079 | 112  | 3756     | 1.028  | ug/l   | 91       |
| 66) 1,1,1,2-Tetrachloroethane | 10.159 | 131  | 1198     | 1.018  | ug/l # | 60       |
| 67) Ethyl Benzene             | 10.195 | 91   | 5860     | 0.909  | ug/l   | 94       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4425     | 1.860  | ug/l   | 91       |
| 69) o-Xylene                  | 10.640 | 106  | 2285     | 0.957  | ug/l   | 98       |
| 70) Styrene                   | 10.658 | 104  | 3524     | 0.916  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 748      | 0.852  | ug/l # | 95       |
| 73) Isopropylbenzene          | 10.963 | 105  | 5511     | 0.970  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.847 | 43   | 1866     | 0.726  | ug/l # | 96       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 2049     | 1.050  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 2070     | 1.323  | ug/l   | 81       |
| 77) Bromobenzene              | 11.201 | 156  | 1186     | 0.921  | ug/l   | 85       |
| 78) n-propylbenzene           | 11.305 | 91   | 5963     | 0.909  | ug/l   | 98       |
| 79) 2-Chlorotoluene           | 11.360 | 91   | 4180     | 1.037  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 4103     | 0.890  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 44105    | 72.533 | ug/l # | 11       |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 4474     | 1.004  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 11.713 | 119  | 4585     | 0.983  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 4237     | 0.931  | ug/l   | 91       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 5017     | 0.869  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 4119     | 0.887  | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 2463     | 1.040  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 11.969 | 146  | 2463     | 1.029  | ug/l   | 96       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3137     | 0.764  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.542 | 117  | 690      | 0.794  | ug/l   | 93       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 2258     | 0.970  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 305      | 0.856  | ug/l   | 86       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1167     | 0.829  | ug/l   | 87       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 657      | 1.175  | ug/l   | 84       |
| 95) Naphthalene               | 13.780 | 128  | 4171     | 0.819  | ug/l # | 94       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1278     | 0.900  | ug/l   | 94       |

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Sample : Q1168-08 1.0PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

Quant Time: Feb 13 03:46:08 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X021025W.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 13 03:28:47 2025  
Response via : Initial Calibration

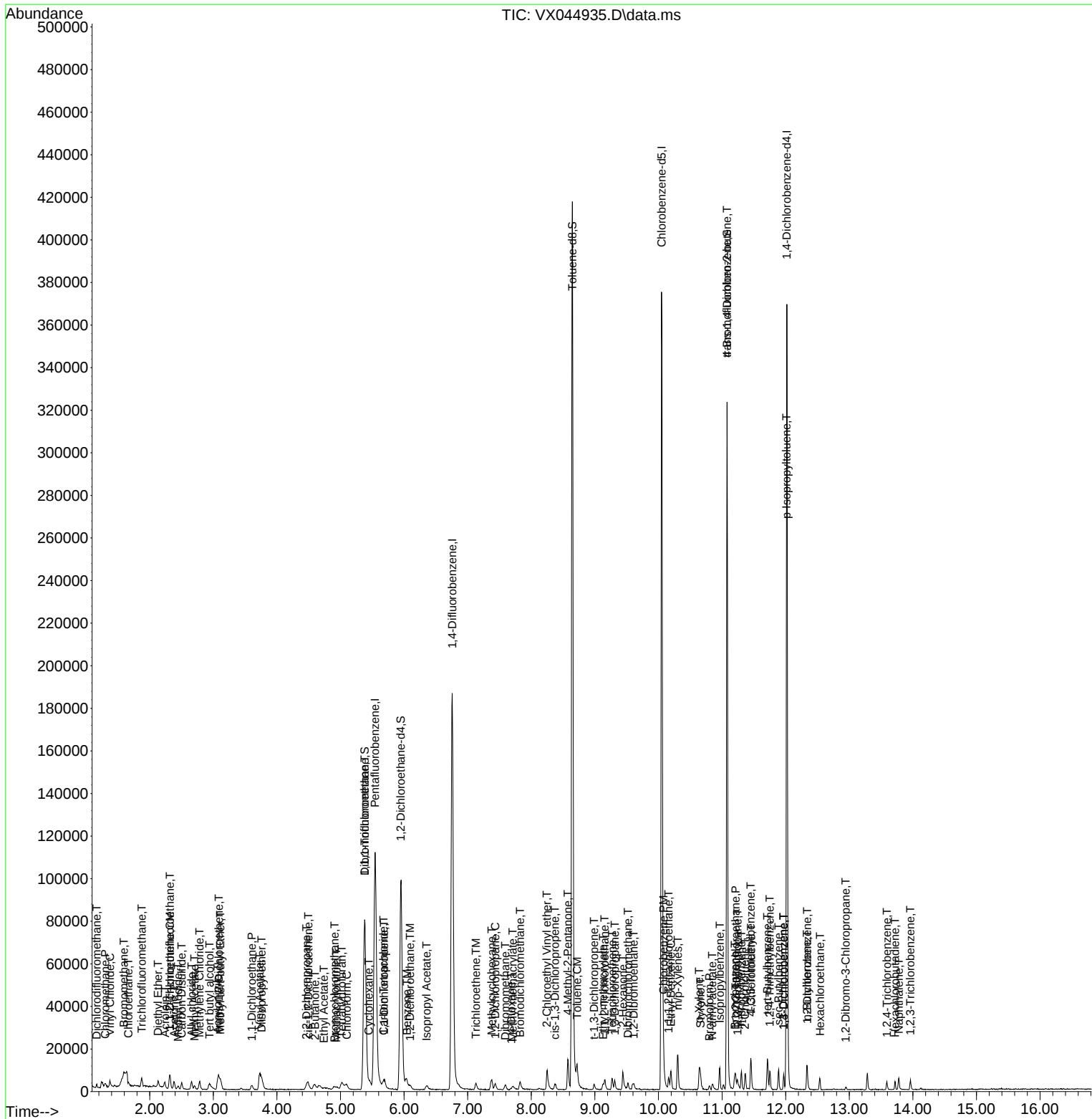
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

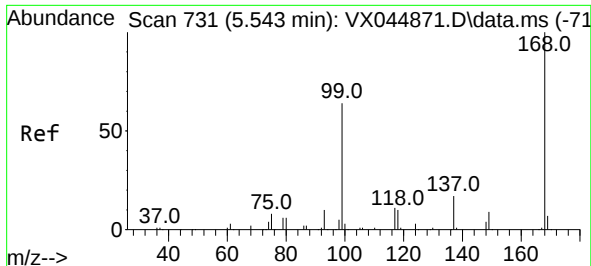
(#) = qualifier out of range (m) = manual integration (+) = signals summed

**Instrument :**  
MSVOA\_X

**ClientSampleId :**  
LOQ-WATER-02-QT1-2025

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Quant Title : SW846 8260  
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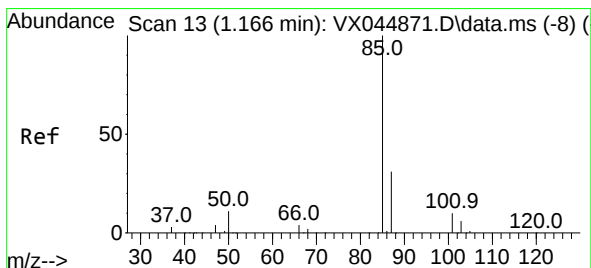
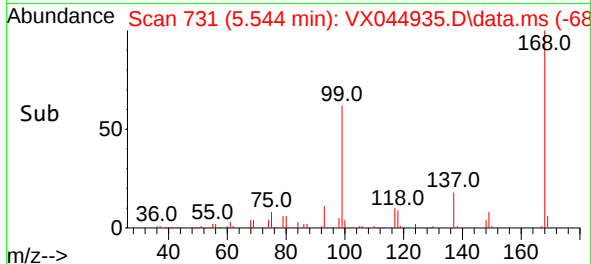
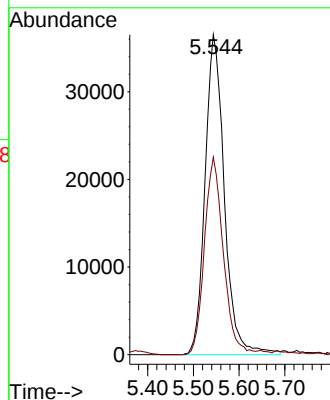
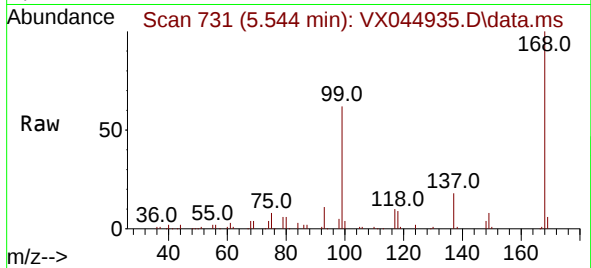




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. 0.001 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

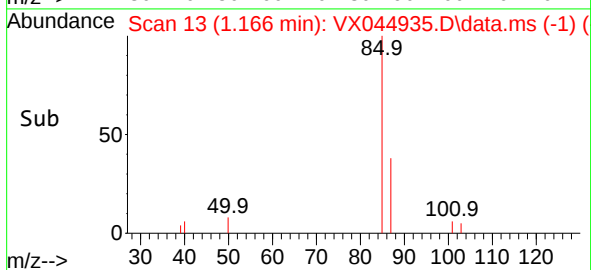
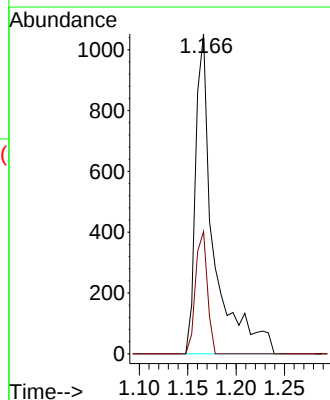
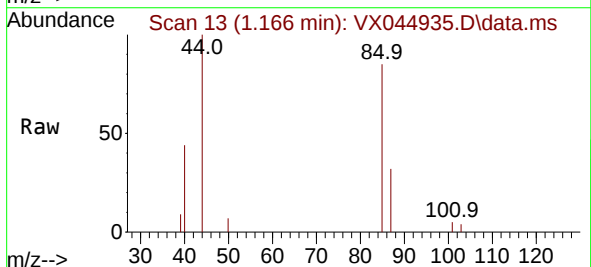
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

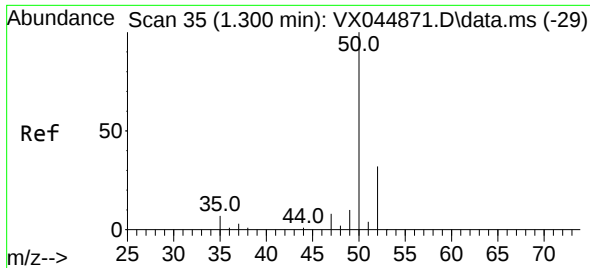
Tgt Ion:168 Resp: 107096  
Ion Ratio Lower Upper  
168 100  
99 61.7 51.2 76.8



#2  
Dichlorodifluoromethane  
Concen: 0.914 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 85 Resp: 1373  
Ion Ratio Lower Upper  
85 100  
87 38.2 15.8 47.3

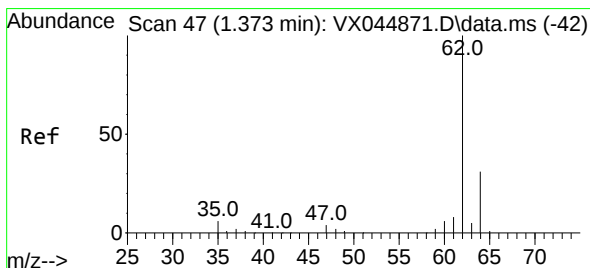
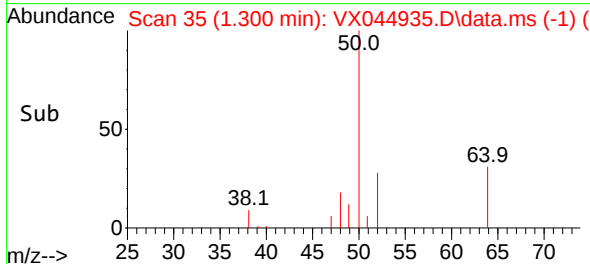
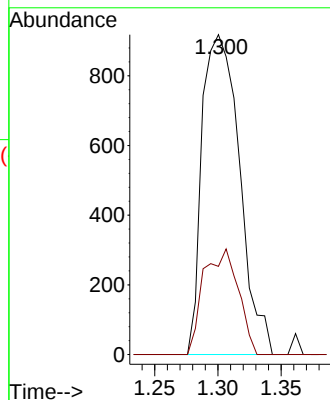
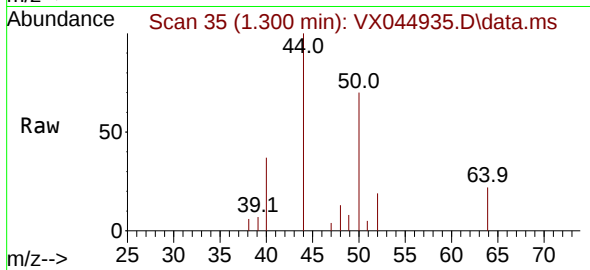




#3  
Chloromethane  
Concen: 1.035 ug/l  
RT: 1.300 min Scan# 35  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

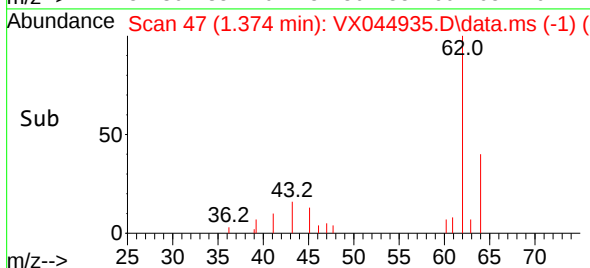
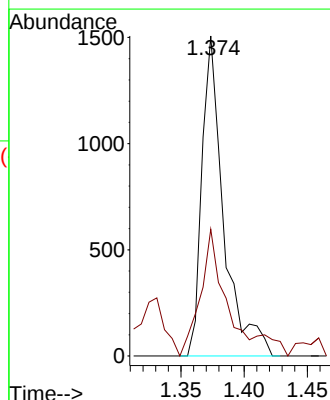
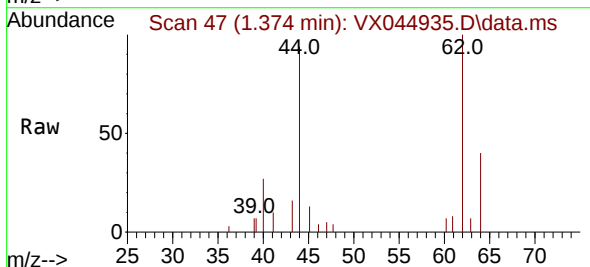
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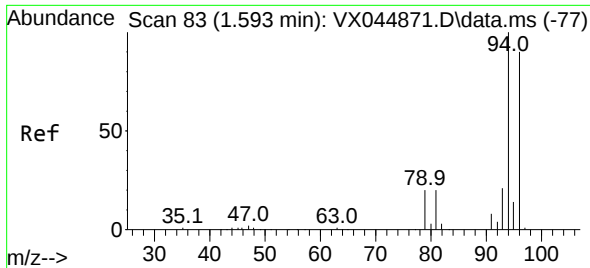
Tgt Ion: 50 Resp: 1892  
Ion Ratio Lower Upper  
50 100  
52 27.6 25.9 38.9



#4  
Vinyl Chloride  
Concen: 1.019 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 62 Resp: 1805  
Ion Ratio Lower Upper  
62 100  
64 39.6 25.4 38.0#

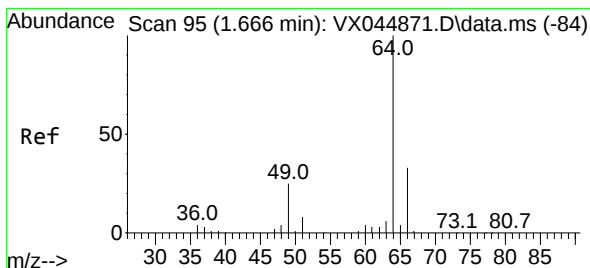
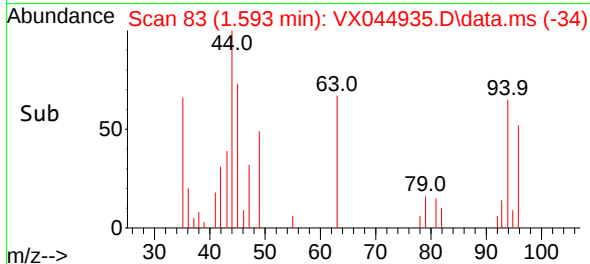
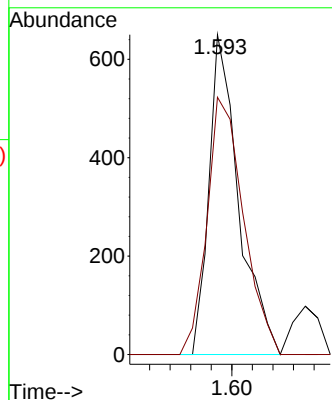
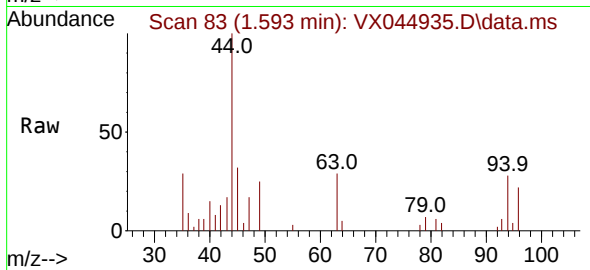




#5  
Bromomethane  
Concen: 1.230 ug/l  
RT: 1.593 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

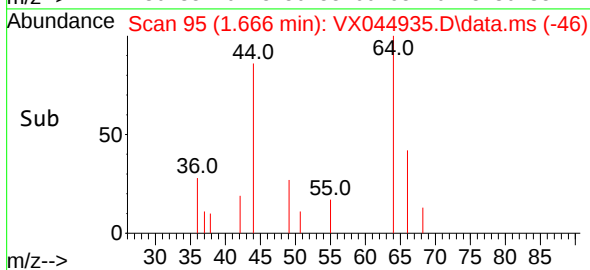
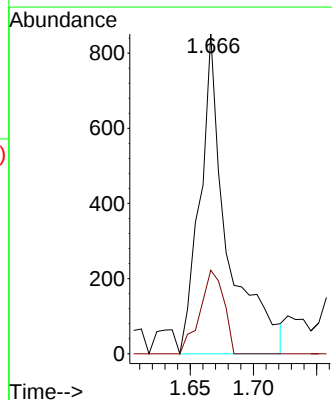
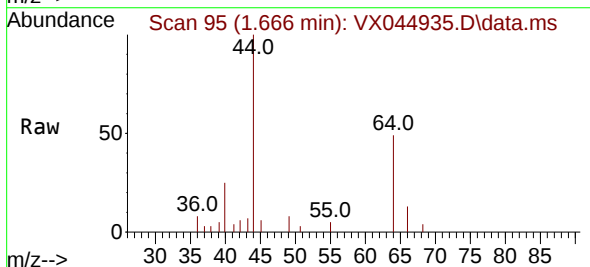
Instrument :  
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ClientSampleId :  
LOQ-WATER-02-QT1-2025

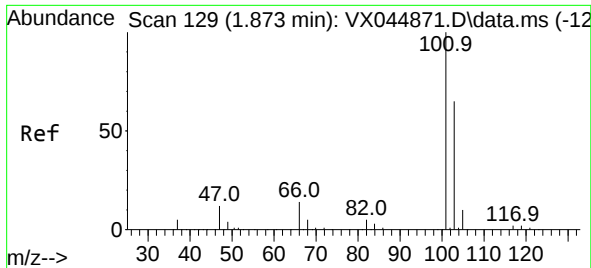
Tgt Ion: 94 Resp: 652  
Ion Ratio Lower Upper  
94 100  
96 80.5 71.6 107.4



#6  
Chloroethane  
Concen: 1.936 ug/l  
RT: 1.666 min Scan# 95  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 64 Resp: 1271  
Ion Ratio Lower Upper  
64 100  
66 26.1 25.9 38.9

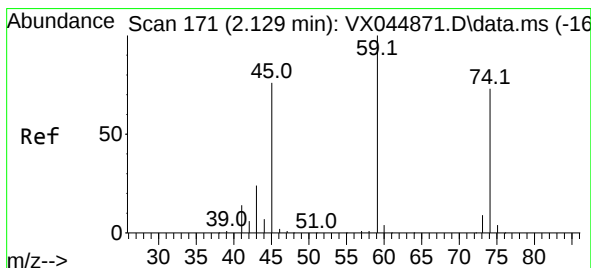
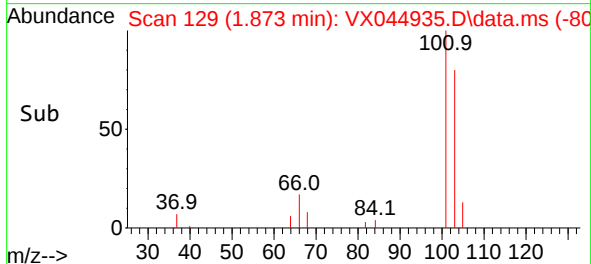
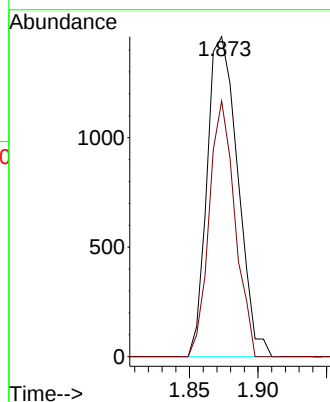
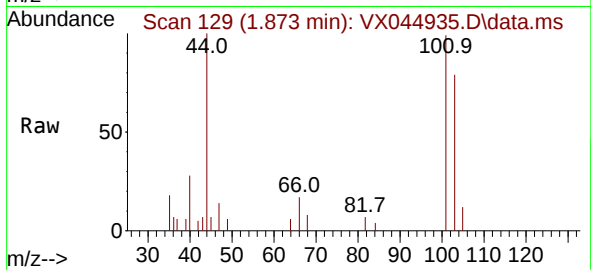




#7  
 Trichlorofluoromethane  
 Concen: 1.019 ug/l  
 RT: 1.873 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

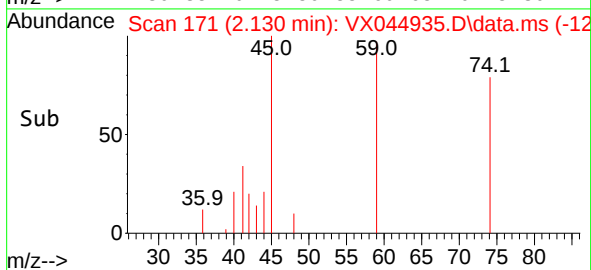
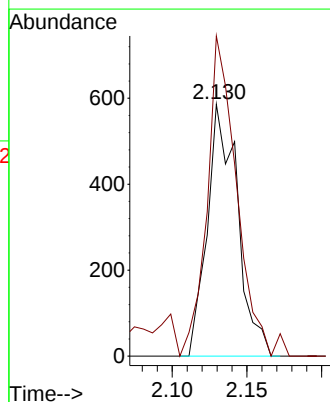
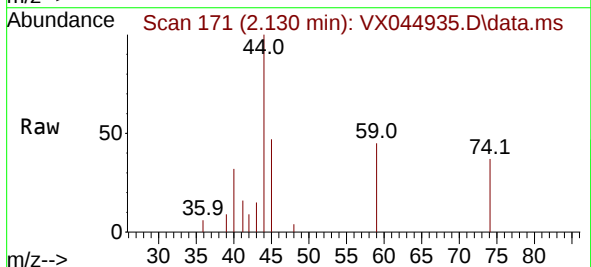
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

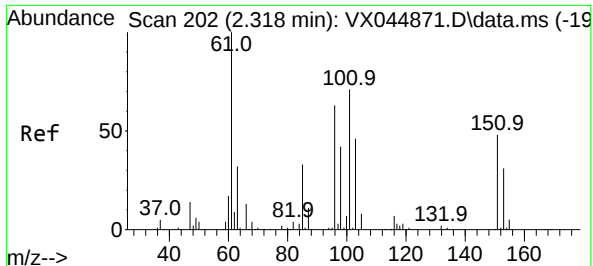
Tgt Ion:101 Resp: 2282  
 Ion Ratio Lower Upper  
 101 100  
 103 79.9 52.4 78.6#



#8  
 Diethyl Ether  
 Concen: 1.013 ug/l  
 RT: 2.130 min Scan# 171  
 Delta R.T. 0.001 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

Tgt Ion: 74 Resp: 823  
 Ion Ratio Lower Upper  
 74 100  
 45 124.8 51.1 153.4

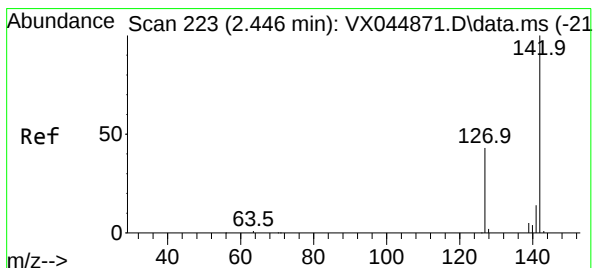
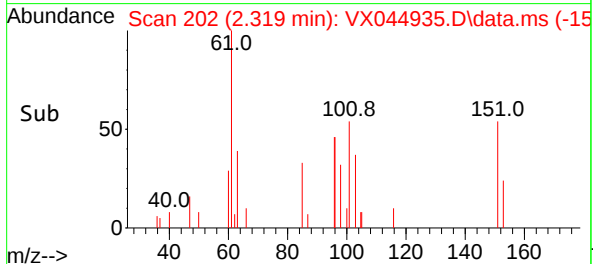
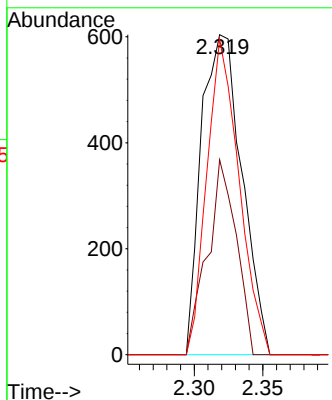
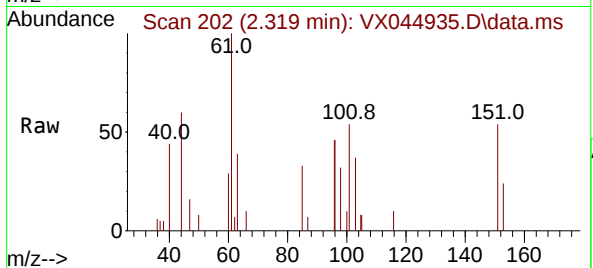




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.919 ug/l  
RT: 2.319 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

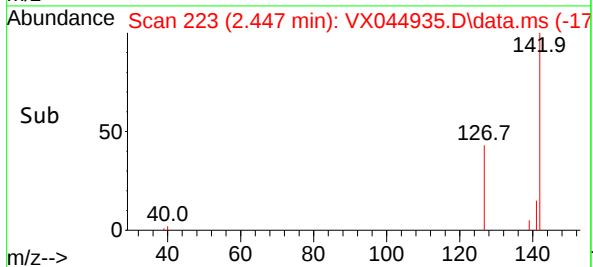
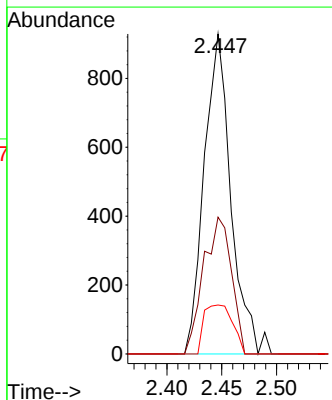
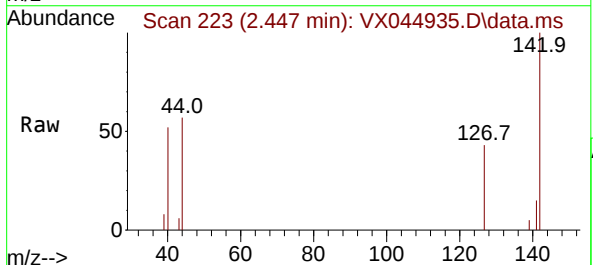
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

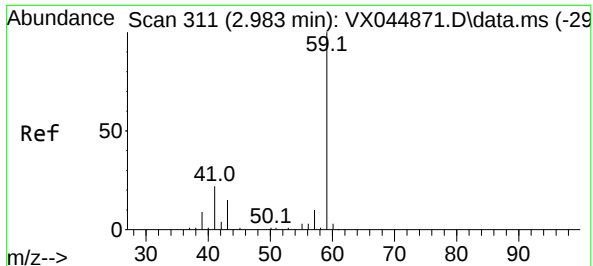
Tgt Ion:101 Resp: 1243  
Ion Ratio Lower Upper  
101 100  
85 43.4 35.7 53.5  
151 78.5 56.0 84.0



#10  
Methyl Iodide  
Concen: 0.900 ug/l  
RT: 2.447 min Scan# 223  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:142 Resp: 1579  
Ion Ratio Lower Upper  
142 100  
127 44.4 34.3 51.5  
141 16.3 11.4 17.2

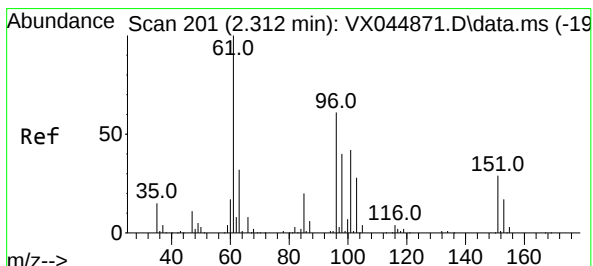
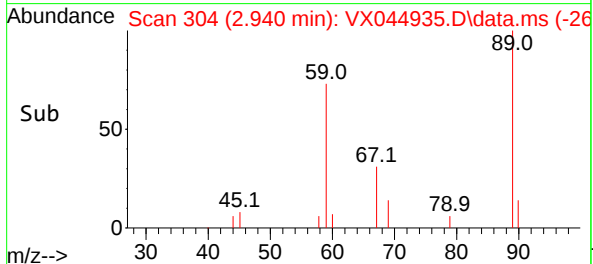
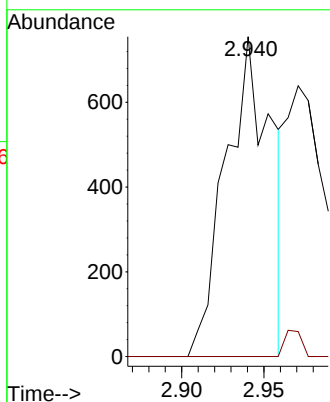
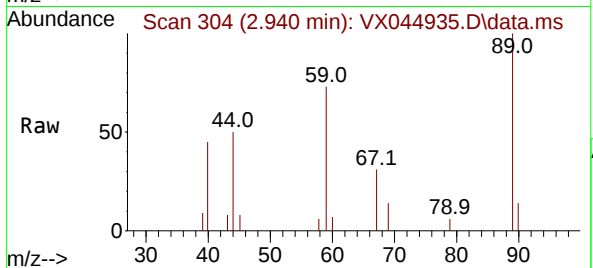




#11  
Tert butyl alcohol  
Concen: 4.968 ug/l  
RT: 2.940 min Scan# 304  
Delta R.T. -0.042 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

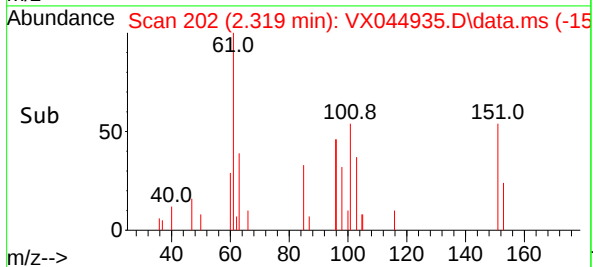
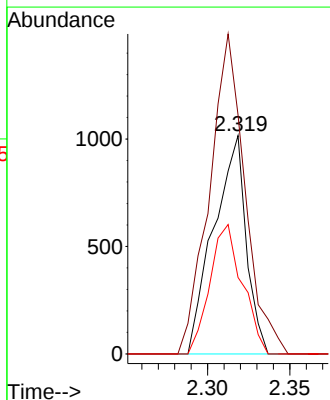
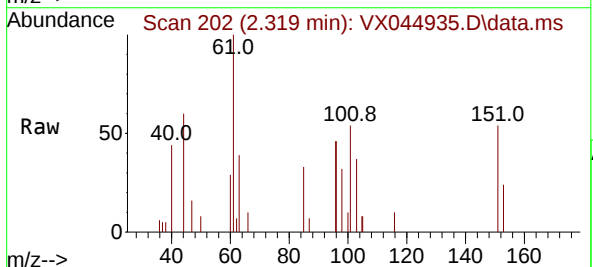
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

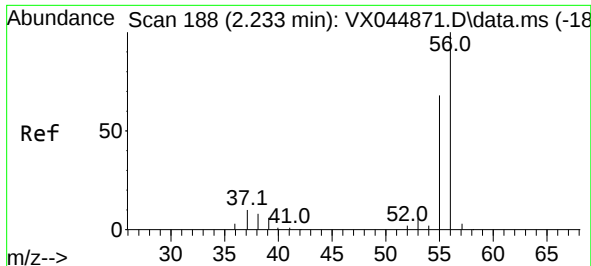
Tgt Ion: 59 Resp: 1445  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.1 12.1#



#12  
1,1-Dichloroethene  
Concen: 1.010 ug/l  
RT: 2.319 min Scan# 202  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 96 Resp: 1394  
Ion Ratio Lower Upper  
96 100  
61 109.4 130.2 195.4#  
98 35.0 52.2 78.4#





#13

Acrolein

Concen: 4.876 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

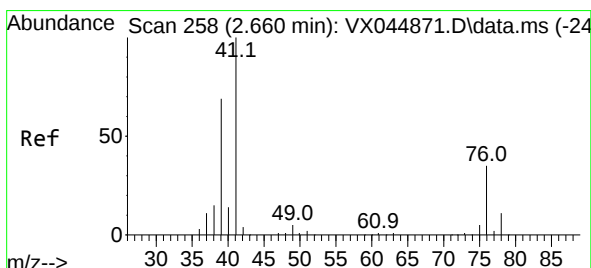
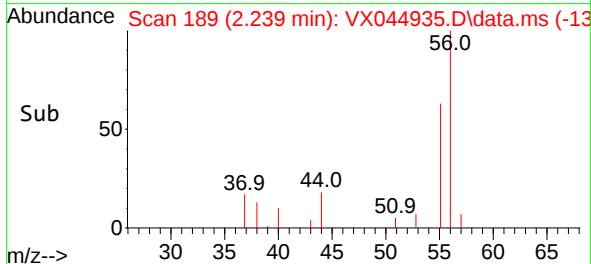
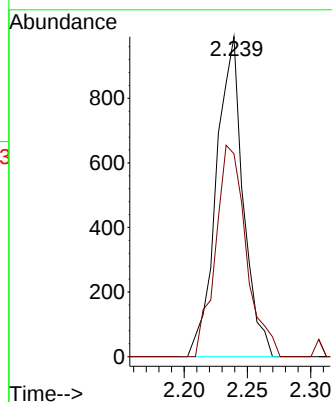
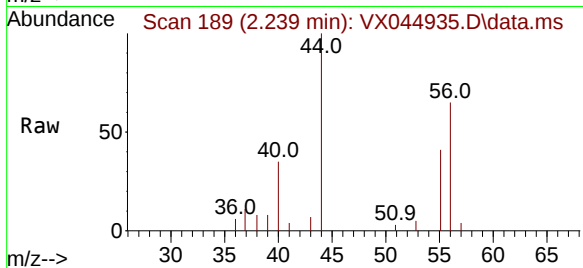
LOQ-WATER-02-QT1-2025

Tgt Ion: 56 Resp: 1463

Ion Ratio Lower Upper

56 100

55 75.4 55.7 83.5



#14

Allyl chloride

Concen: 0.969 ug/l

RT: 2.660 min Scan# 258

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

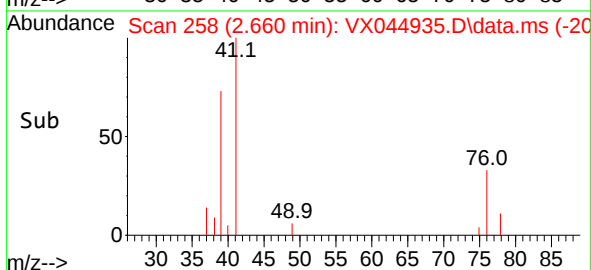
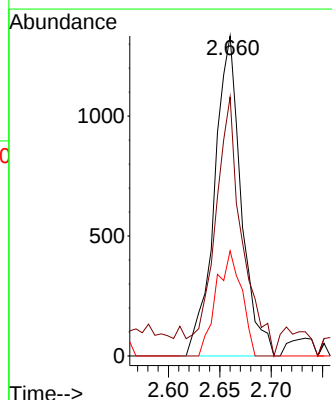
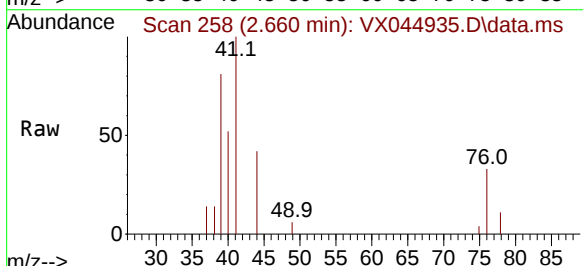
Tgt Ion: 41 Resp: 2417

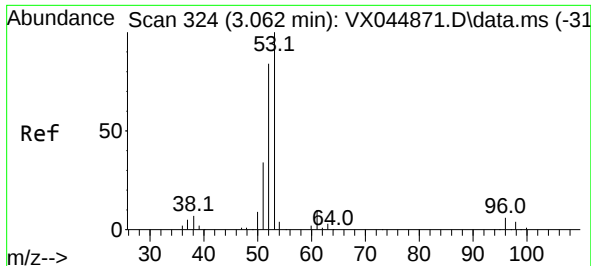
Ion Ratio Lower Upper

41 100

39 81.6 51.4 77.2#

76 30.8 27.0 40.4





#15

Acrylonitrile

Concen: 5.056 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

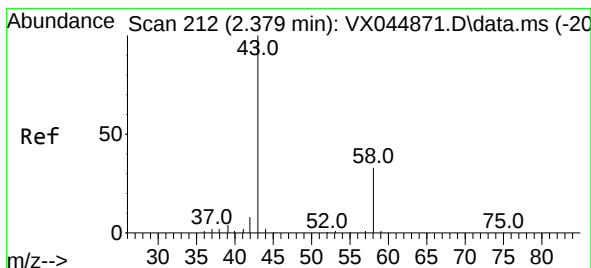
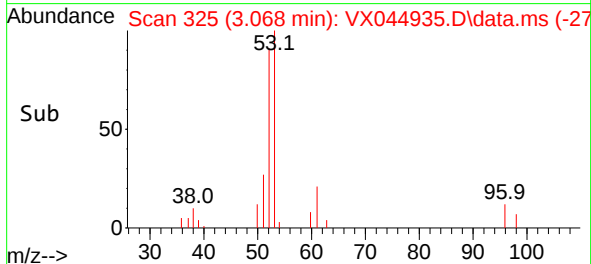
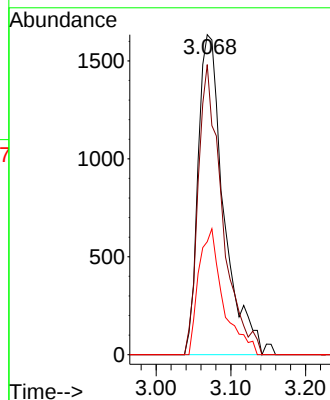
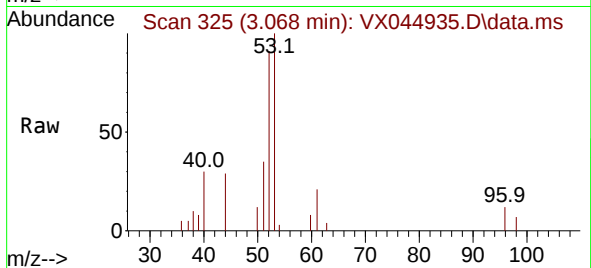
Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 3926  |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 84.6     | 65.0 97.6   |
| 51 37.1     | 28.0 42.0   |



#16

Acetone

Concen: 6.455 ug/l

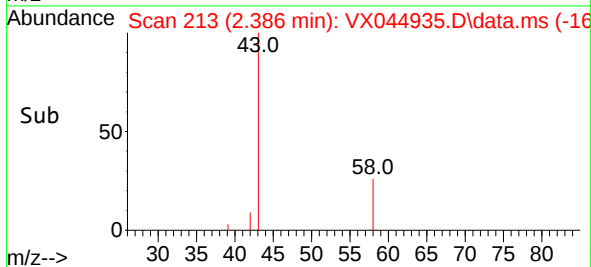
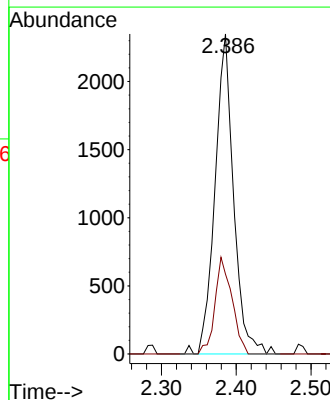
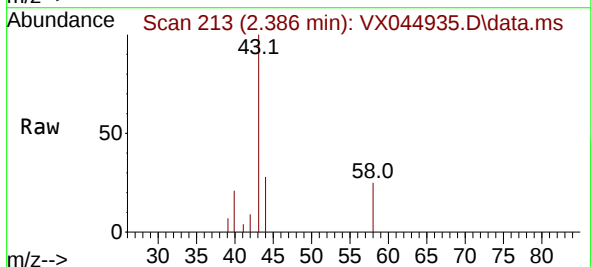
RT: 2.386 min Scan# 213

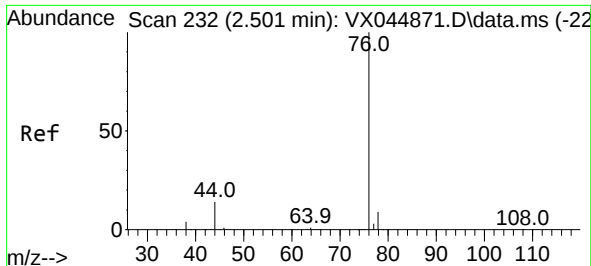
Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 4068  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 25.0     | 26.5 39.7#  |

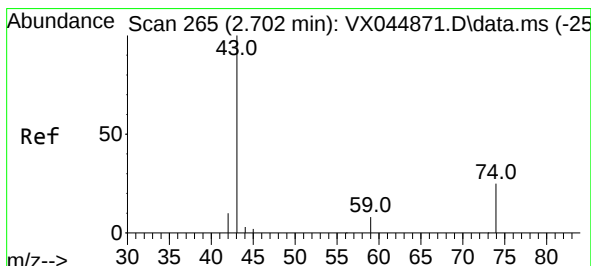
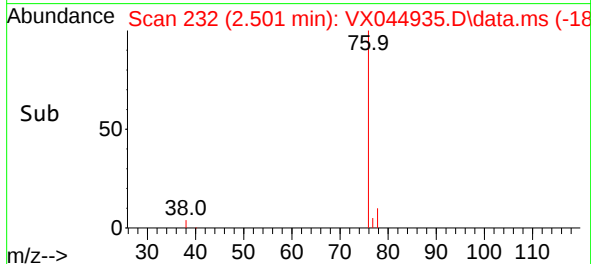
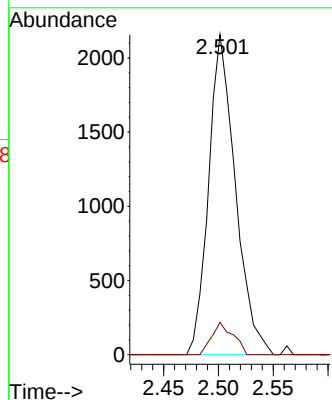
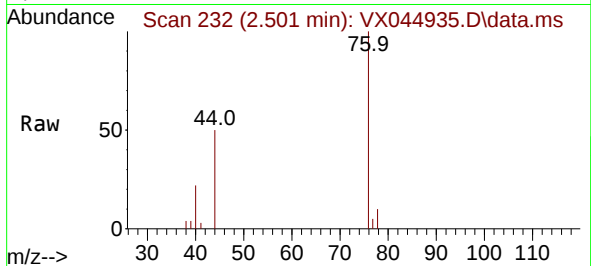




#17  
Carbon Disulfide  
Concen: 0.968 ug/l  
RT: 2.501 min Scan# 211  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

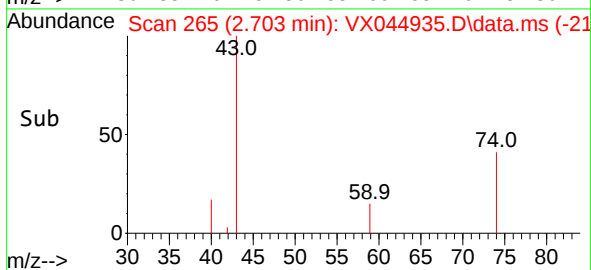
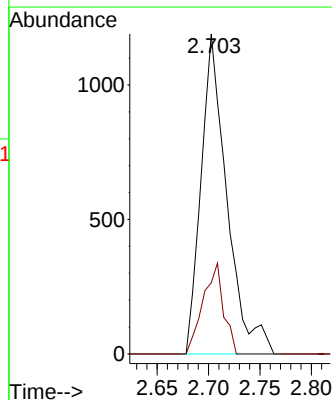
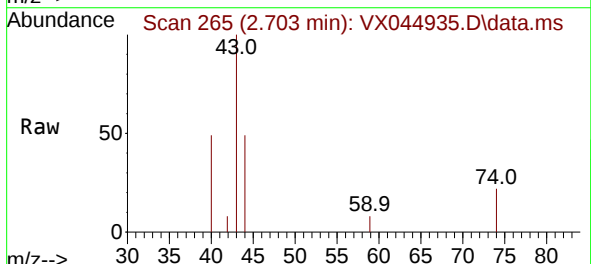
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

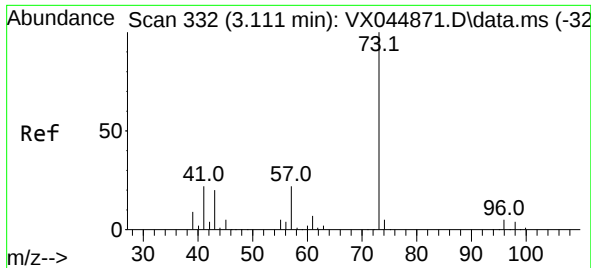
Tgt Ion: 76 Resp: 3666  
Ion Ratio Lower Upper  
76 100  
78 10.1 7.0 10.4



#18  
Methyl Acetate  
Concen: 1.044 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 43 Resp: 2076  
Ion Ratio Lower Upper  
43 100  
74 22.4 18.9 28.3

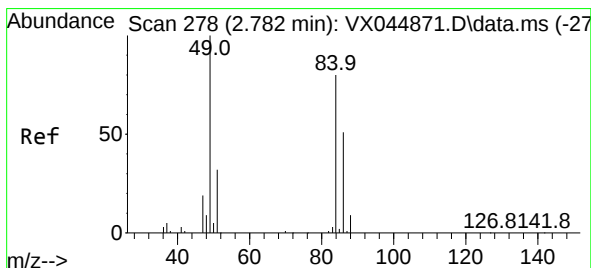
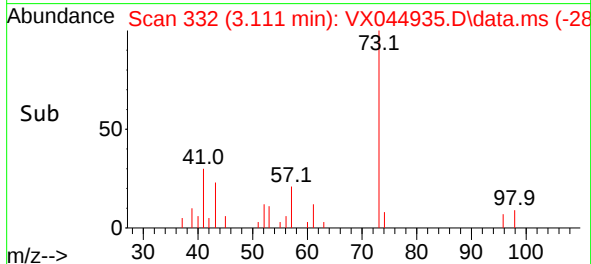
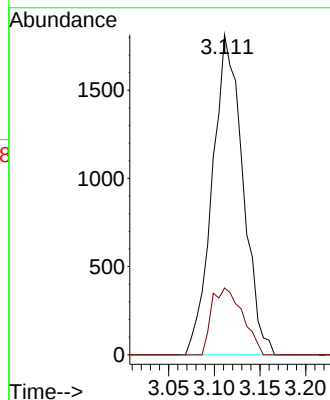
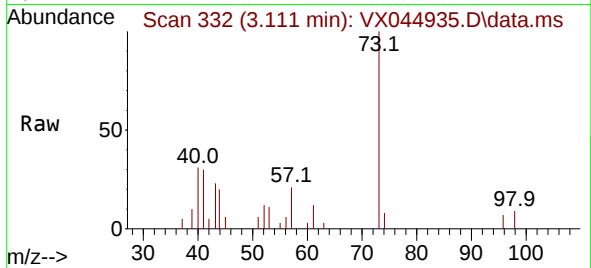




#19  
Methyl tert-butyl Ether  
Concen: 0.960 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

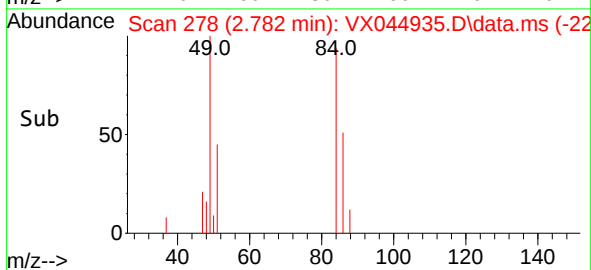
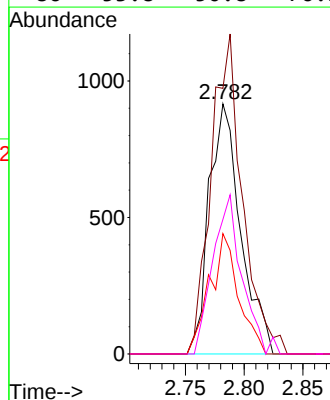
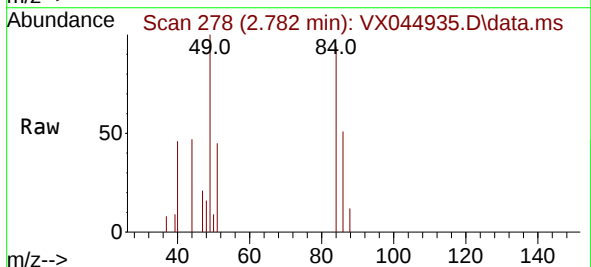
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

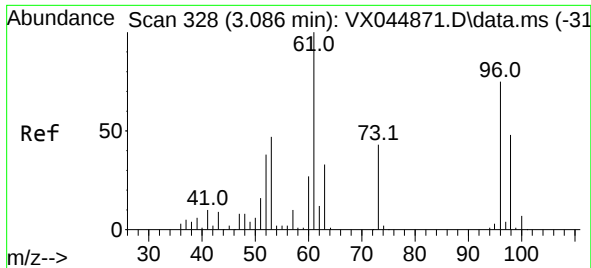
Tgt Ion: 73 Resp: 4216  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.9 26.9



#20  
Methylene Chloride  
Concen: 1.112 ug/l  
RT: 2.782 min Scan# 278  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 84 Resp: 1716  
Ion Ratio Lower Upper  
84 100  
49 106.2 100.1 150.1  
51 48.1 31.7 47.5#  
86 53.8 50.8 76.2

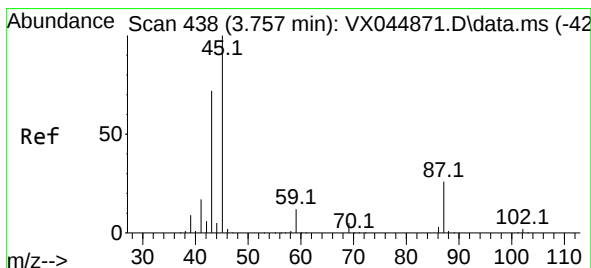
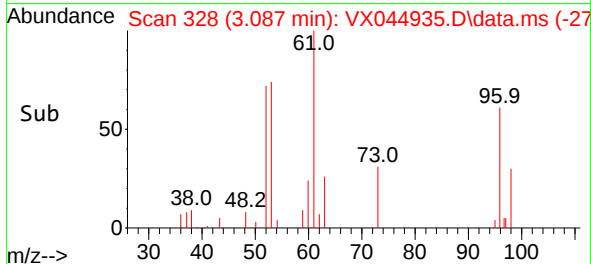
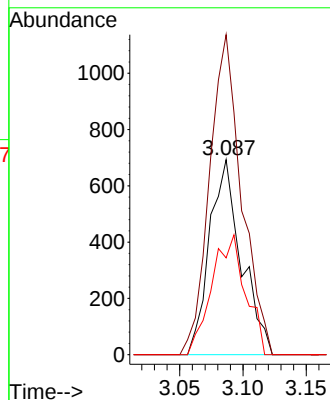
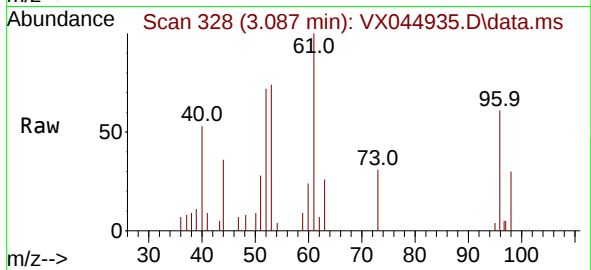




#21  
trans-1,2-Dichloroethene  
Concen: 0.894 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

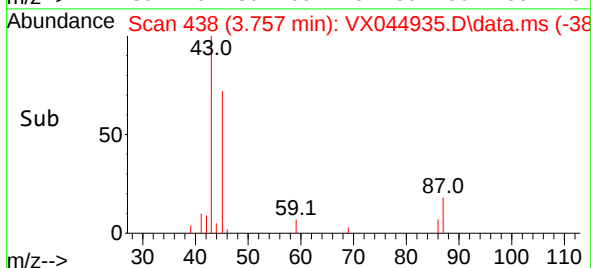
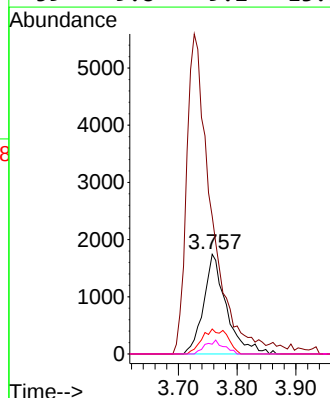
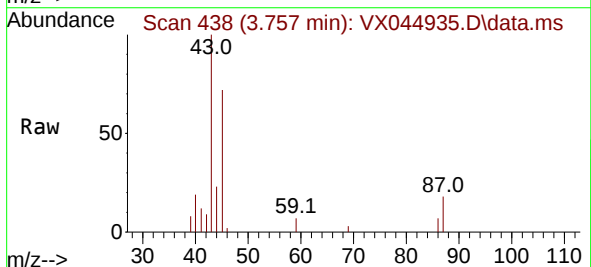
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

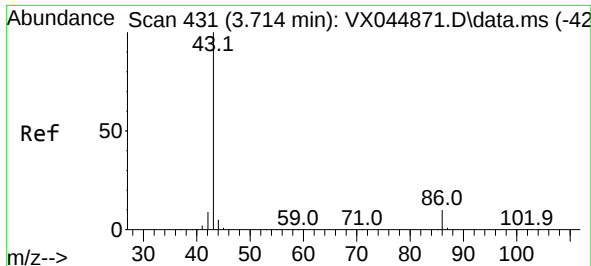
Tgt Ion: 96 Resp: 1215  
Ion Ratio Lower Upper  
96 100  
61 164.1 106.0 159.0#  
98 49.6 50.6 76.0#



#22  
Diisopropyl ether  
Concen: 0.996 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 45 Resp: 4699  
Ion Ratio Lower Upper  
45 100  
43 129.3 58.0 87.0#  
87 25.0 20.7 31.1  
59 9.8 9.2 13.8





#23

Vinyl Acetate

Concen: 4.216 ug/l

RT: 3.727 min Scan# 413

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

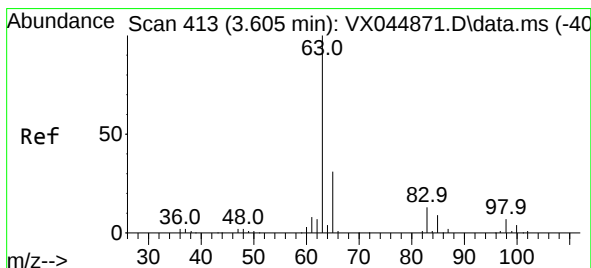
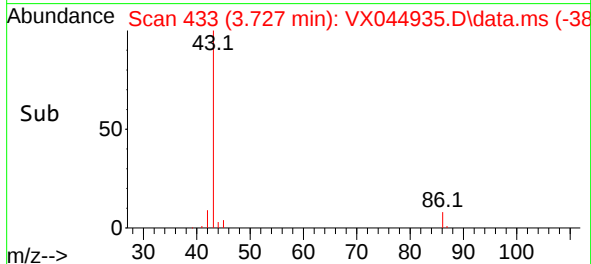
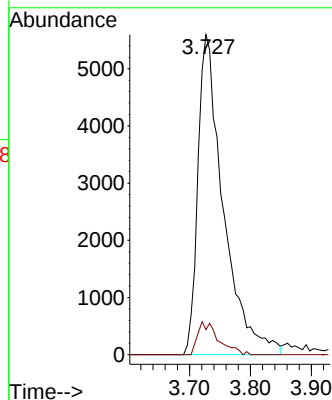
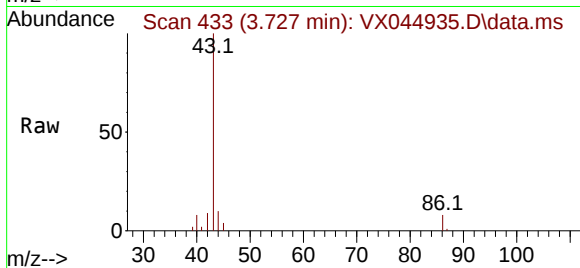
LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 16221

Ion Ratio Lower Upper

43 100

86 7.8 8.3 12.5#



#24

1,1-Dichloroethane

Concen: 1.007 ug/l

RT: 3.605 min Scan# 413

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

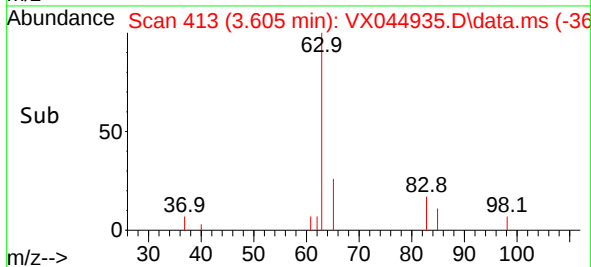
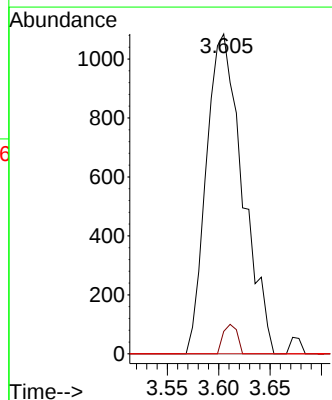
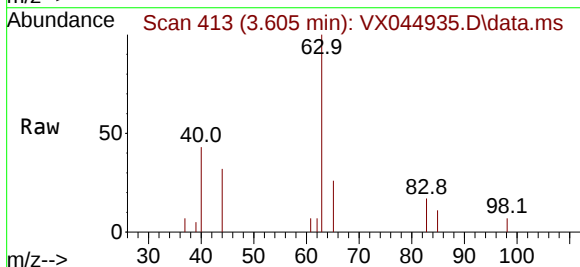
Tgt Ion: 63 Resp: 2659

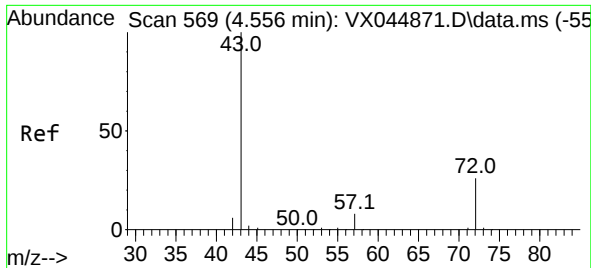
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 0.0 2.1 6.5#

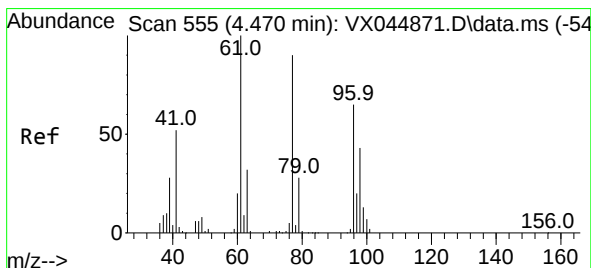
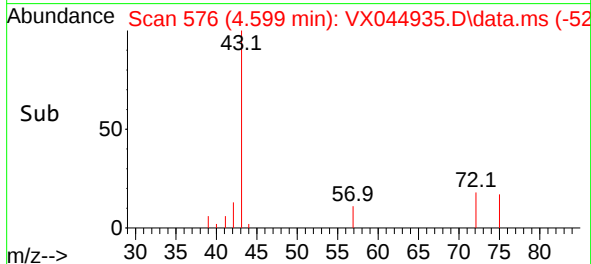
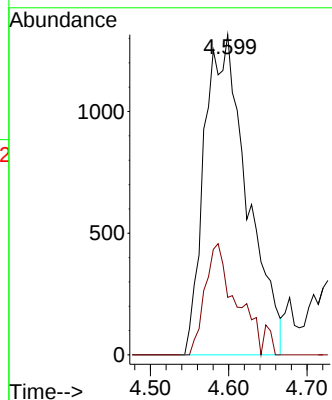
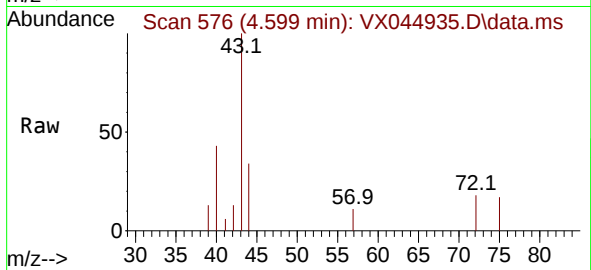




#25  
2-Butanone  
Concen: 4.865 ug/l  
RT: 4.599 min Scan# 51  
Delta R.T. 0.043 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

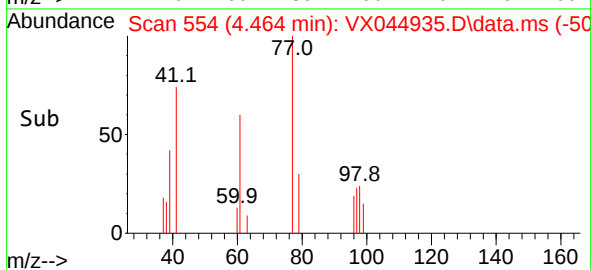
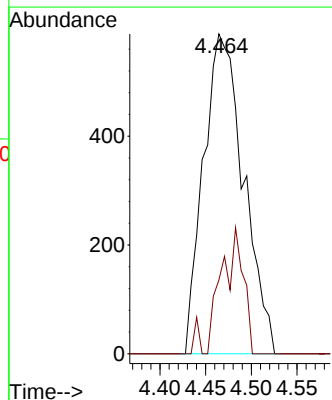
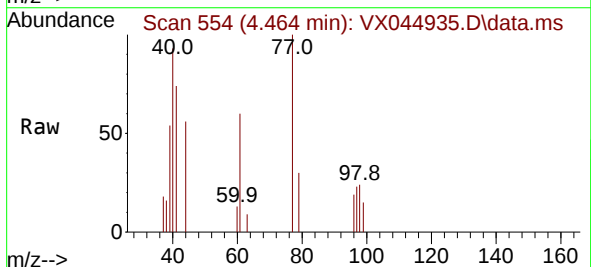
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

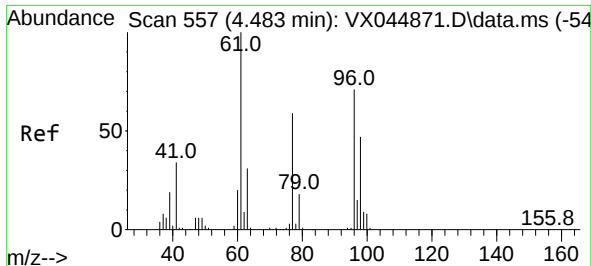
Tgt Ion: 43 Resp: 4979  
Ion Ratio Lower Upper  
43 100  
72 17.9 21.2 31.8#



#26  
2,2-Dichloropropane  
Concen: 0.858 ug/l  
RT: 4.464 min Scan# 554  
Delta R.T. -0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 77 Resp: 1796  
Ion Ratio Lower Upper  
77 100  
97 21.4 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 0.874 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

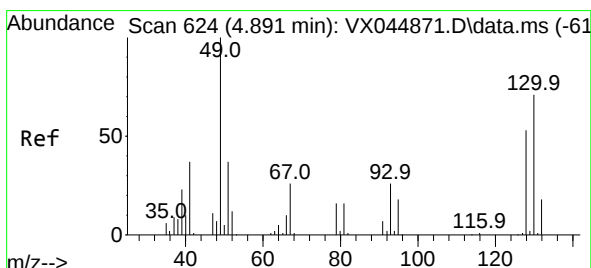
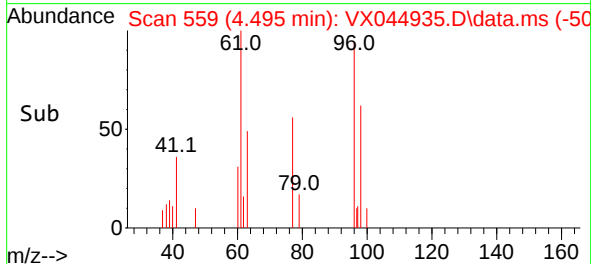
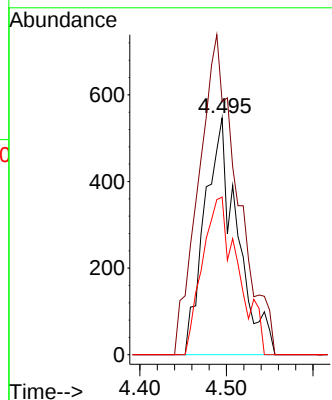
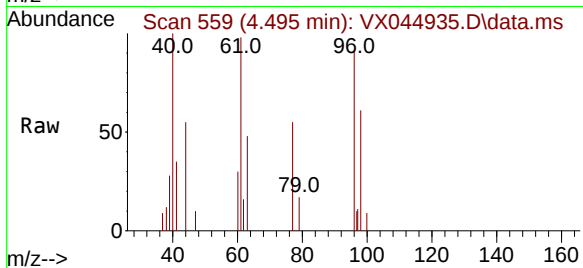
Tgt Ion: 96 Resp: 1427

Ion Ratio Lower Upper

96 100

61 161.6 0.0 294.0

98 73.2 0.0 131.2



#28

Bromochloromethane

Concen: 0.898 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

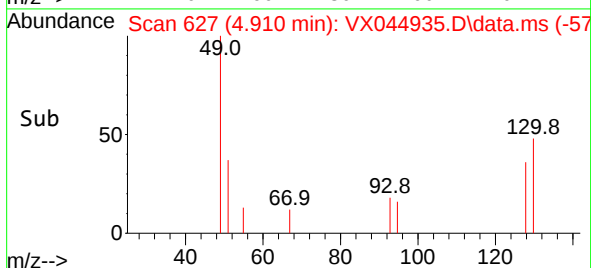
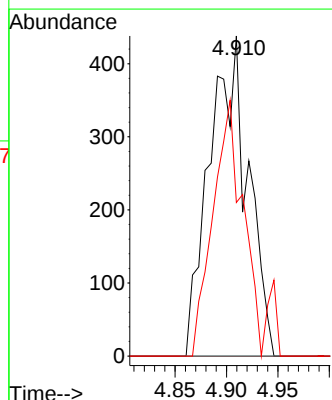
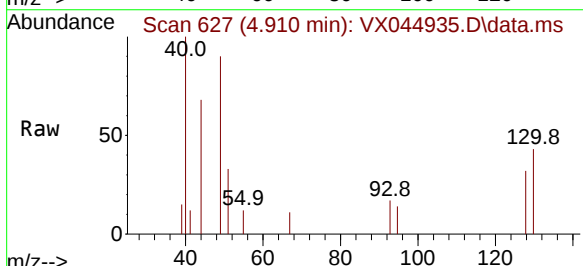
Tgt Ion: 49 Resp: 1140

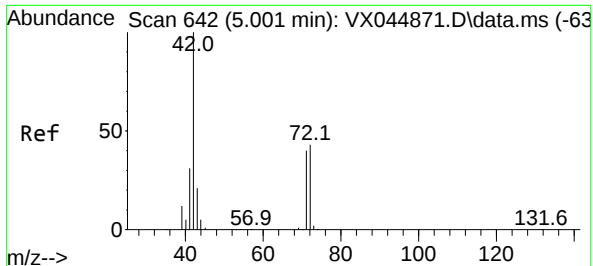
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 62.3 56.7 85.1





#29

Tetrahydrofuran

Concen: 5.402 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

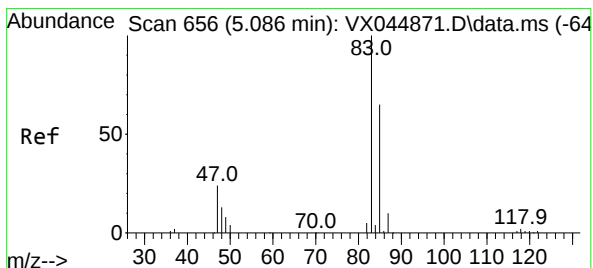
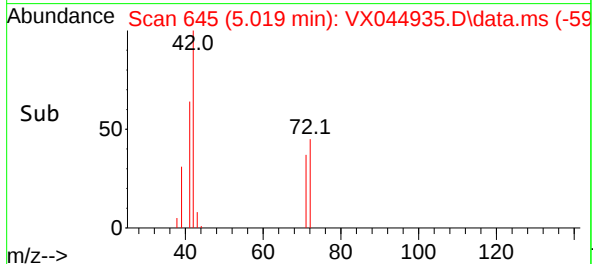
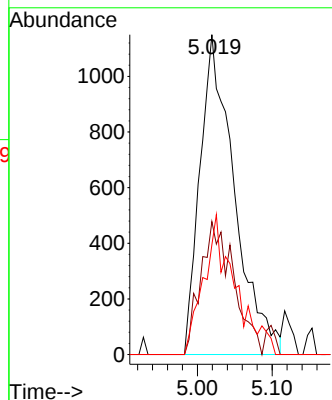
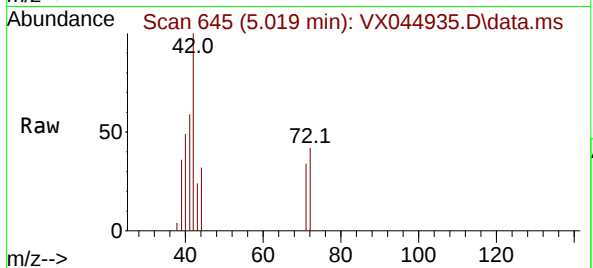
Tgt Ion: 42 Resp: 3671

Ion Ratio Lower Upper

42 100

72 39.9 35.0 52.4

71 40.0 32.6 48.8



#30

Chloroform

Concen: 1.039 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.012 min

Lab File: VX044935.D

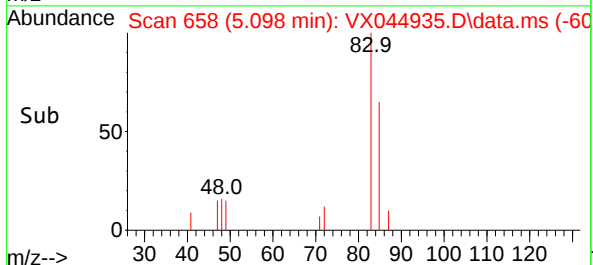
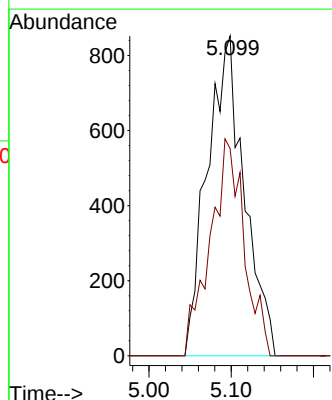
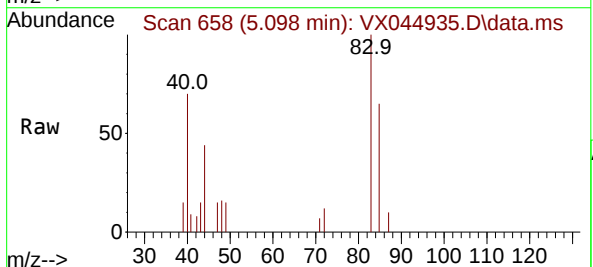
Acq: 12 Feb 2025 15:58

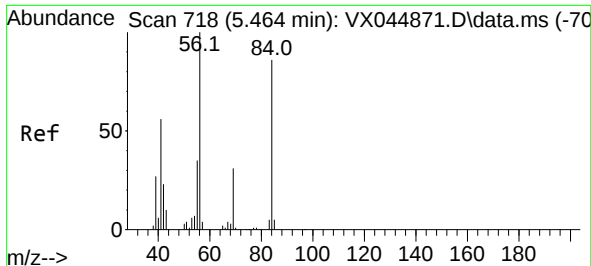
Tgt Ion: 83 Resp: 2662

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

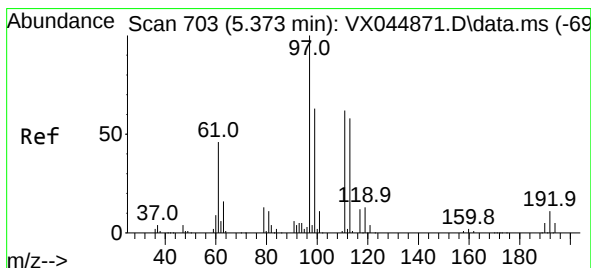
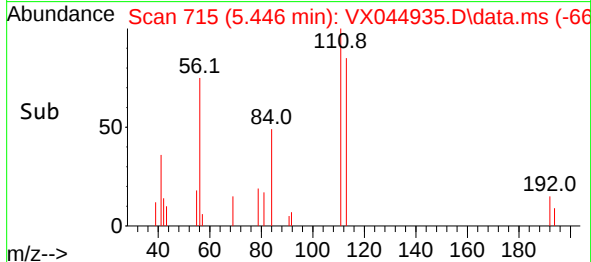
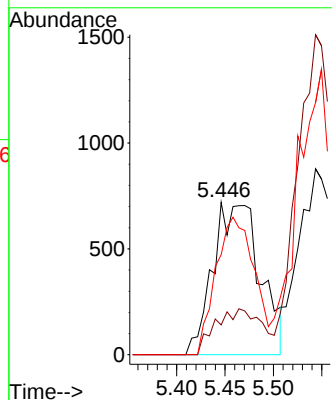
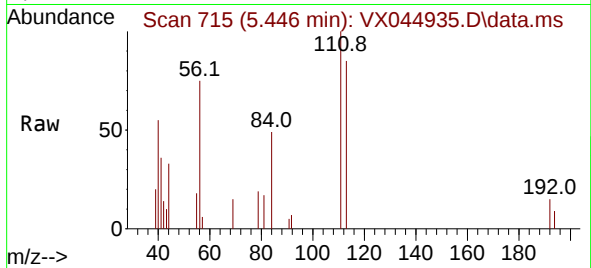




#31  
Cyclohexane  
Concen: 1.004 ug/l  
RT: 5.446 min Scan# 715  
Delta R.T. -0.018 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

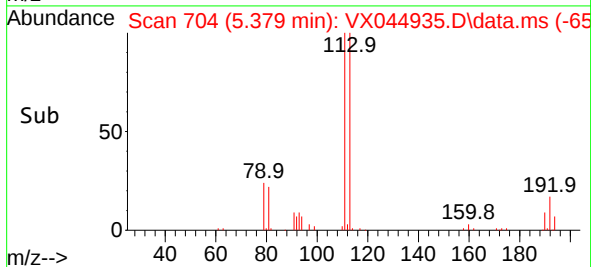
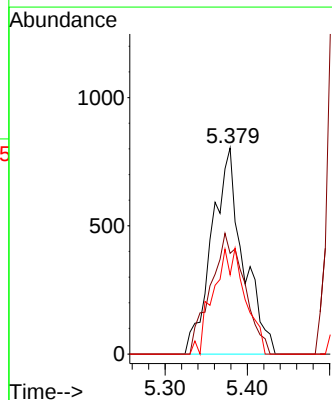
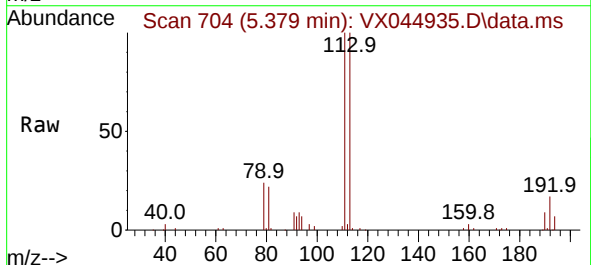
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2025

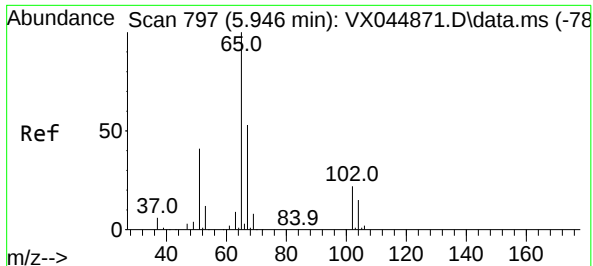
|             |             |
|-------------|-------------|
| Tgt Ion: 56 | Resp: 2445  |
| Ion Ratio   | Lower Upper |
| 56 100      |             |
| 69 19.6     | 24.4 36.6#  |
| 84 65.7     | 69.0 103.6# |



#32  
1,1,1-Trichloroethane  
Concen: 0.979 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 2127  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 0.0      | 51.0 76.6#  |
| 61 52.3     | 36.6 55.0   |





#33

1,2-Dichloroethane-d4

Concen: 57.603 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

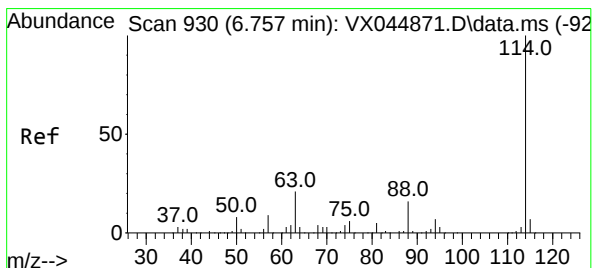
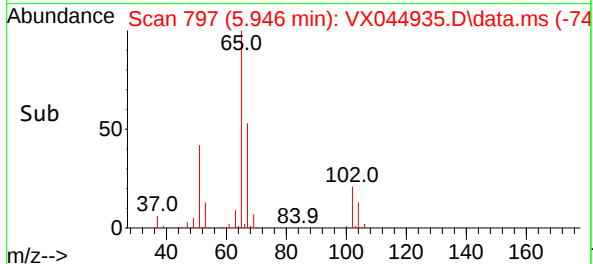
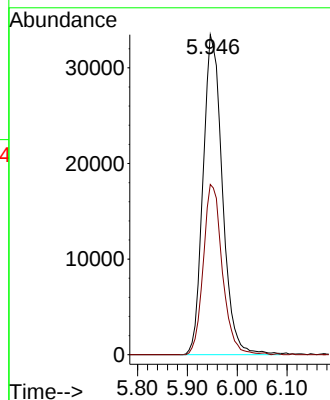
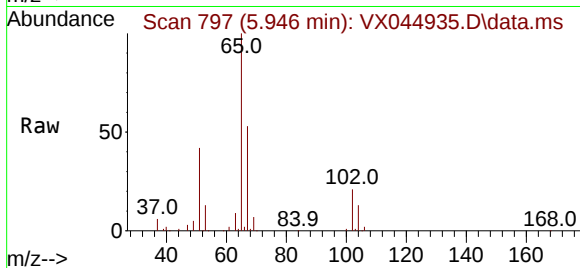
LOQ-WATER-02-QT1-2025

Tgt Ion: 65 Resp: 90303

Ion Ratio Lower Upper

65 100

67 52.1 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

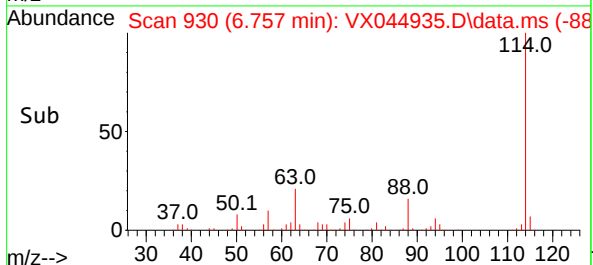
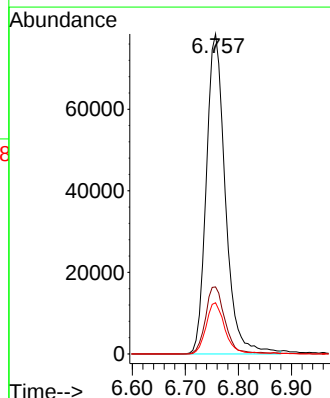
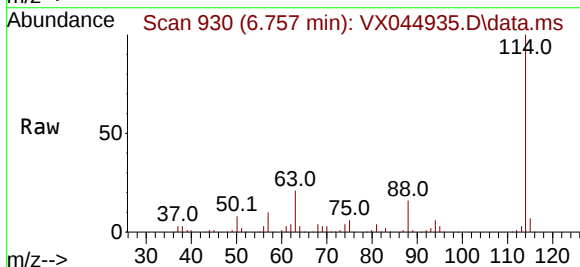
Tgt Ion: 114 Resp: 195463

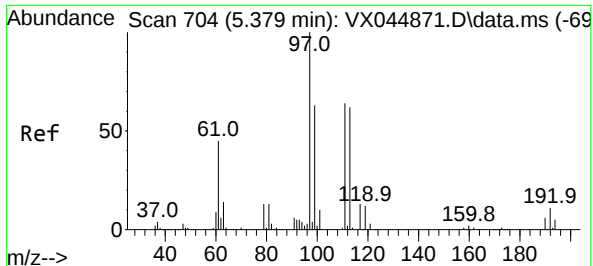
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.4

88 16.0 0.0 31.4

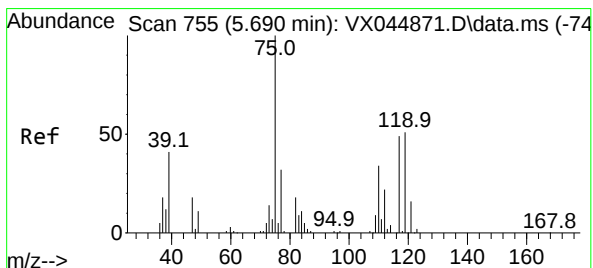
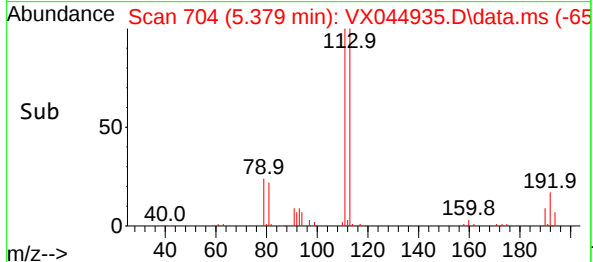
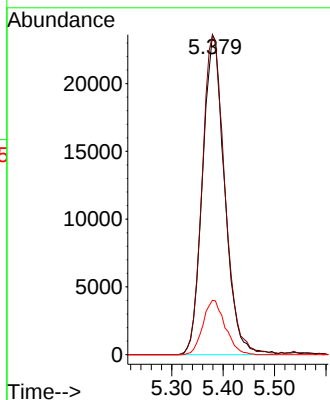
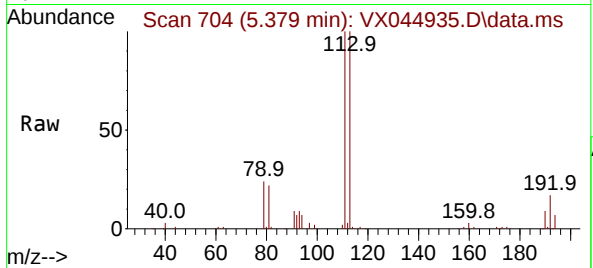




#35  
Dibromofluoromethane  
Concen: 55.325 ug/l  
RT: 5.379 min Scan# 704  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

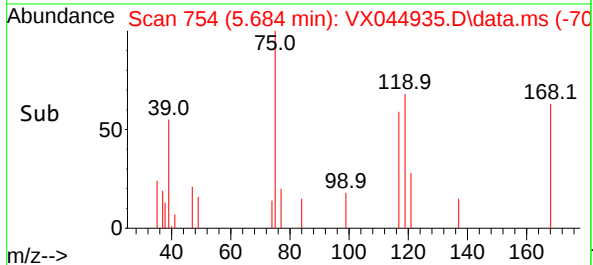
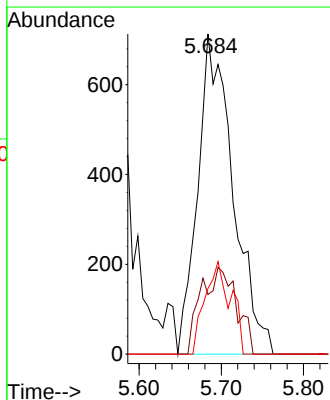
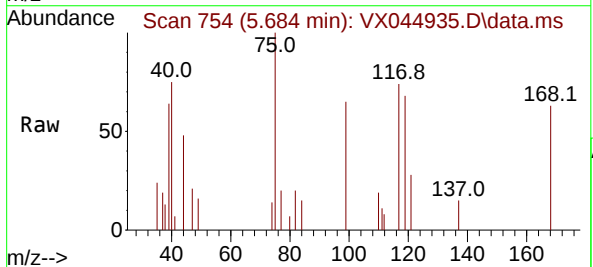
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

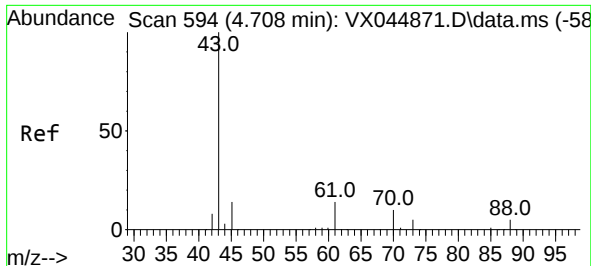
Tgt Ion:113 Resp: 70309  
Ion Ratio Lower Upper  
113 100  
111 102.5 83.5 125.3  
192 17.1 14.4 21.6



#36  
1,1-Dichloropropene  
Concen: 1.158 ug/l  
RT: 5.684 min Scan# 754  
Delta R.T. -0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 75 Resp: 2124  
Ion Ratio Lower Upper  
75 100  
110 27.2 17.2 51.6  
77 21.1 24.6 37.0#





#37

Ethyl Acetate

Concen: 0.749 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

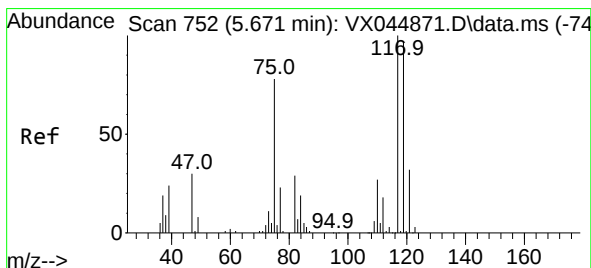
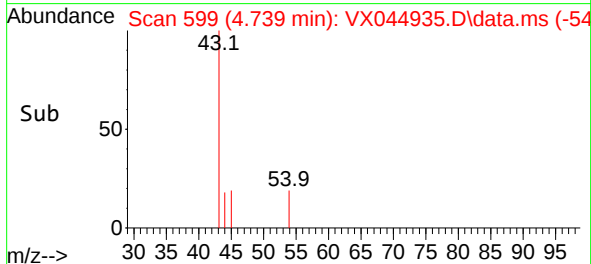
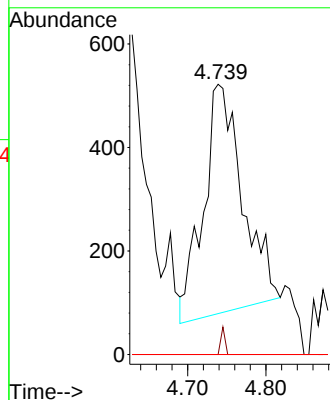
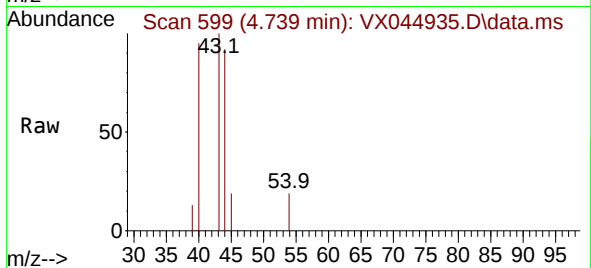
Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 1527     |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 61          | 0.0 11.0 16.4# |
| 70          | 0.0 8.2 12.2#  |



#38

Carbon Tetrachloride

Concen: 1.137 ug/l

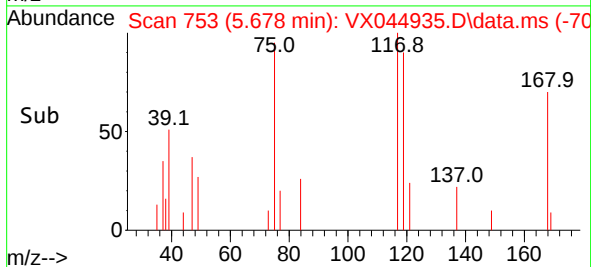
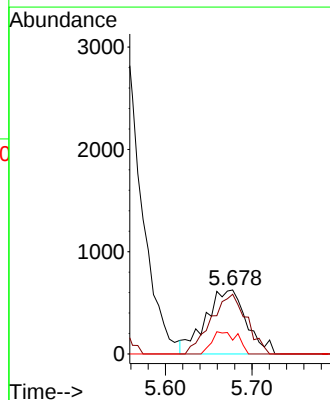
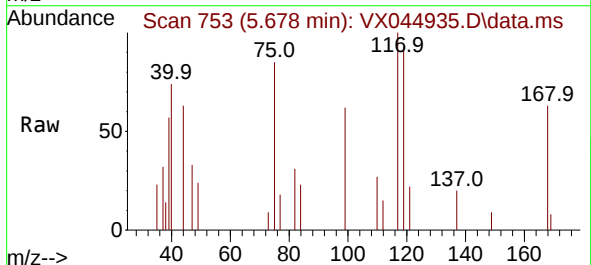
RT: 5.678 min Scan# 753

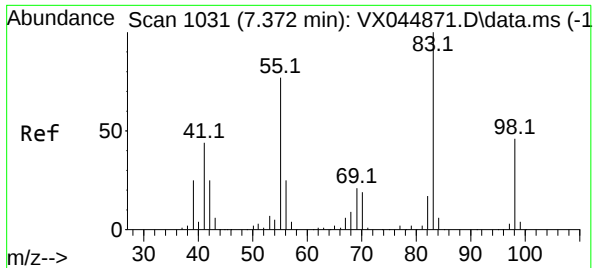
Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

|              |                 |
|--------------|-----------------|
| Tgt Ion: 117 | Resp: 2043      |
| Ion Ratio    | Lower Upper     |
| 117          | 100             |
| 119          | 93.1 77.5 116.3 |
| 121          | 21.6 25.6 38.4# |

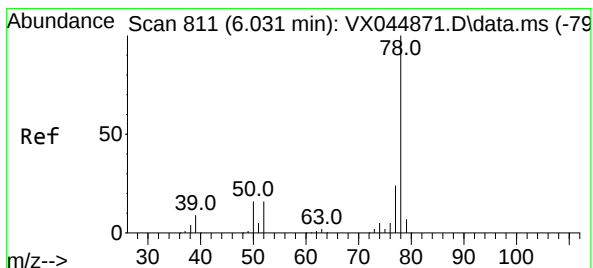
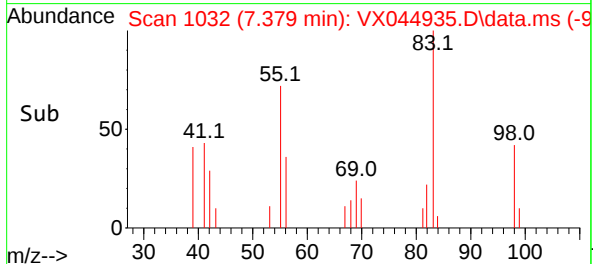
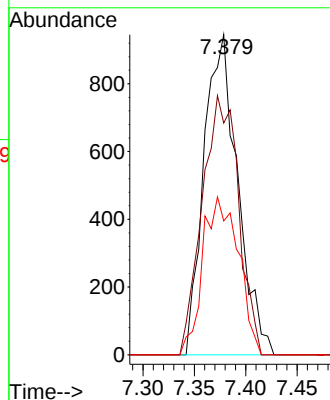
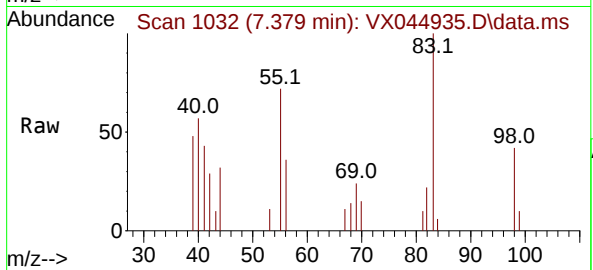




#39  
Methylcyclohexane  
Concen: 0.907 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

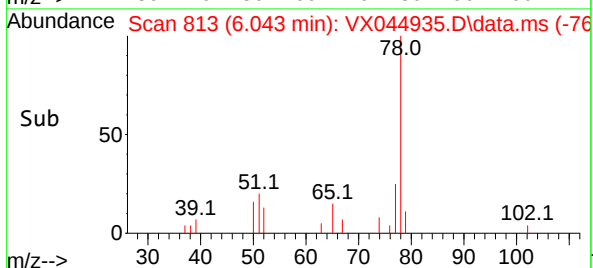
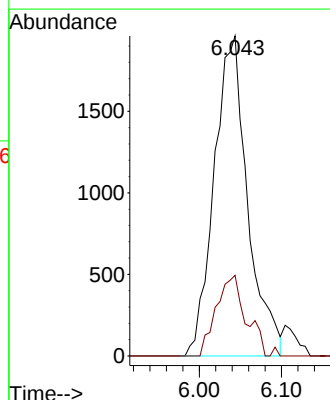
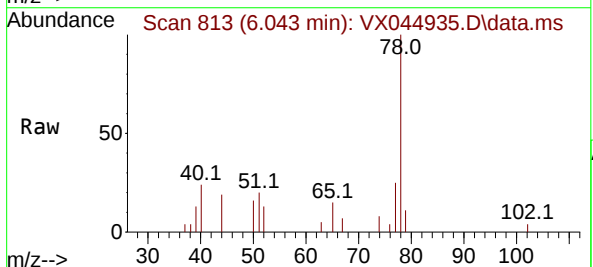
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

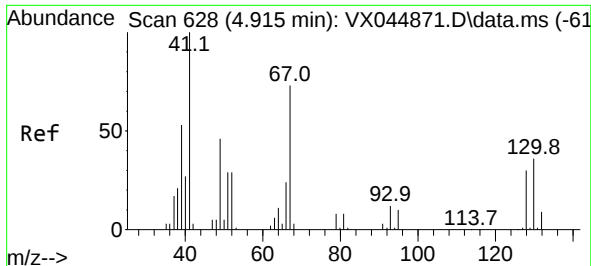
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 83 | Resp: | 2150        |
| Ion         | Ratio | Lower Upper |
| 83          | 100   |             |
| 55          | 72.4  | 61.3 91.9   |
| 98          | 41.8  | 37.0 55.6   |



#40  
Benzene  
Concen: 0.969 ug/l  
RT: 6.043 min Scan# 813  
Delta R.T. 0.012 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 78 | Resp: | 5550        |
| Ion         | Ratio | Lower Upper |
| 78          | 100   |             |
| 77          | 25.2  | 19.0 28.6   |

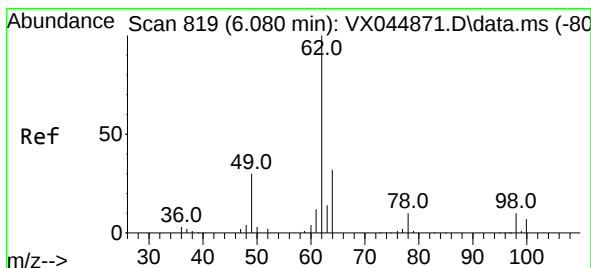
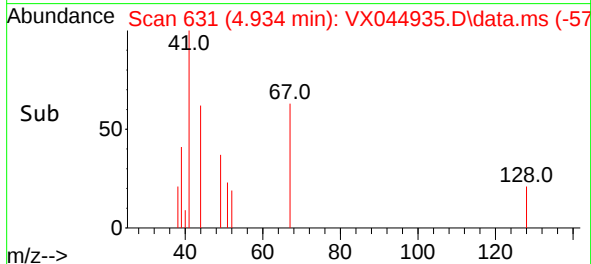
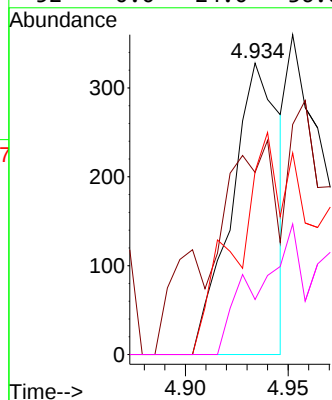
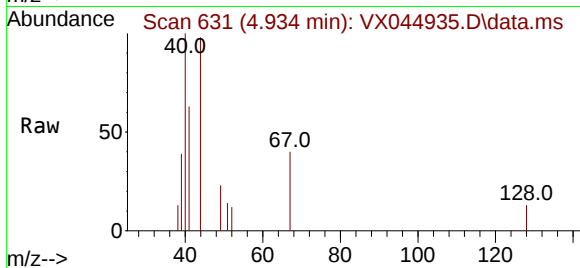




#41  
Methacrylonitrile  
Concen: 0.486 ug/l  
RT: 4.934 min Scan# 61  
Delta R.T. 0.018 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

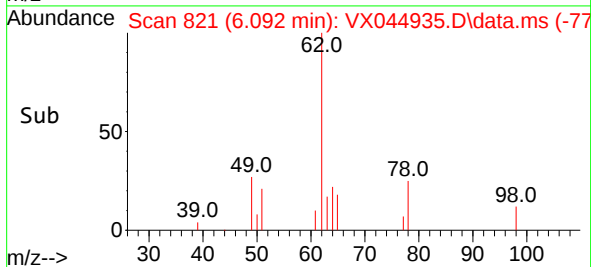
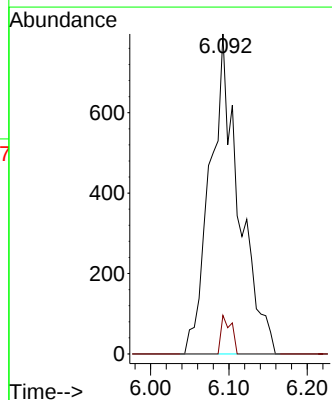
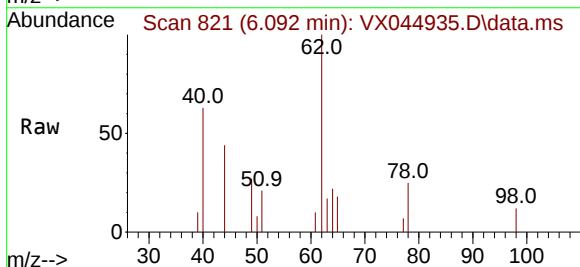
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

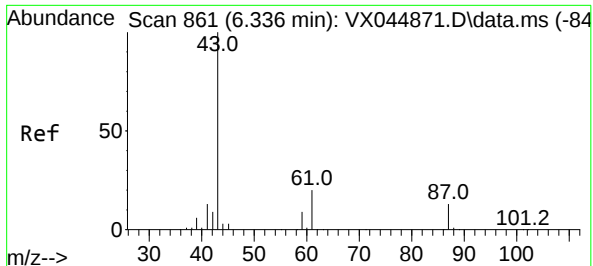
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 531   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 102.4 | 43.1  | 64.7# |
| 67       | 143.1 | 57.0  | 85.6# |
| 52       | 0.0   | 24.0  | 36.0# |



#42  
1,2-Dichloroethane  
Concen: 1.117 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.012 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 2039  |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 4.3   | 0.0   | 19.4  |

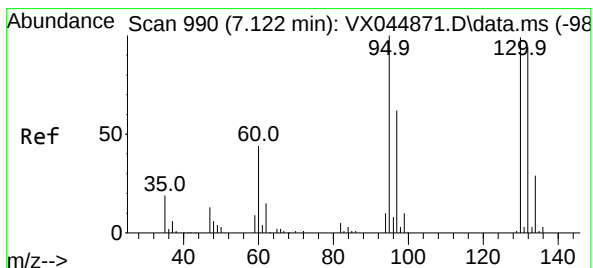
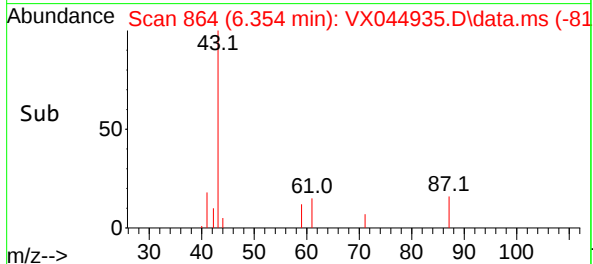
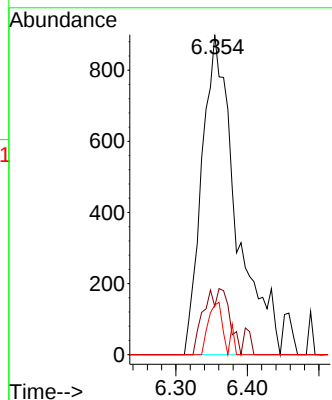
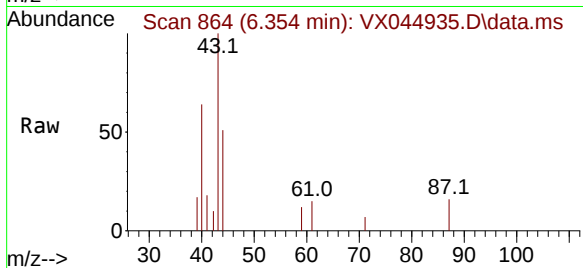




#43  
Isopropyl Acetate  
Concen: 0.912 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.018 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

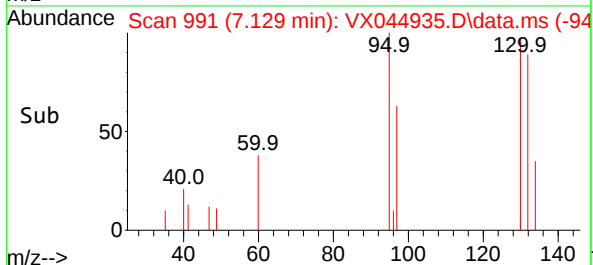
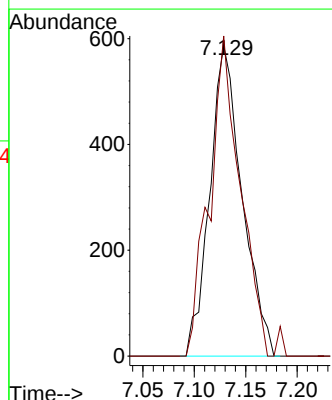
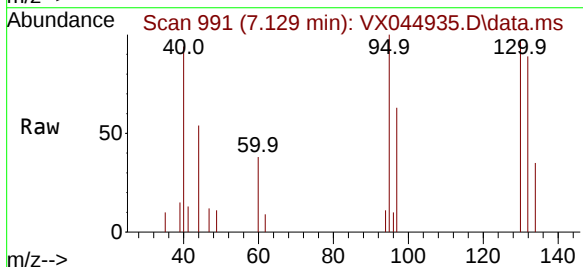
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2025

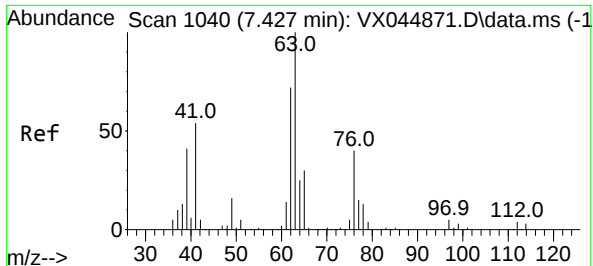
Tgt Ion: 43 Resp: 3002  
Ion Ratio Lower Upper  
43 100  
61 15.4 15.8 23.8#  
87 6.5 10.0 15.0#



#44  
Trichloroethene  
Concen: 0.983 ug/l  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:130 Resp: 1287  
Ion Ratio Lower Upper  
130 100  
95 103.1 0.0 202.4





#45

1,2-Dichloropropane

Concen: 1.044 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

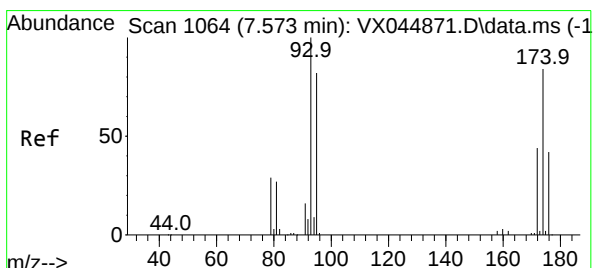
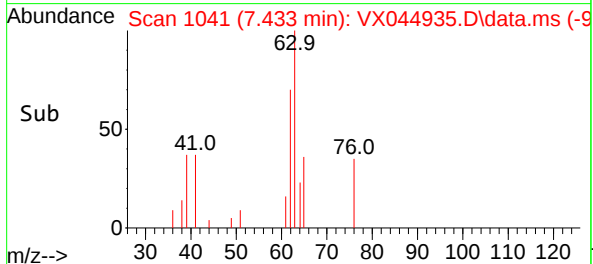
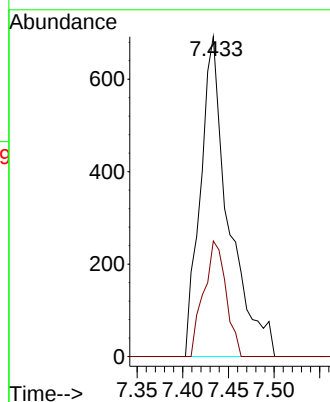
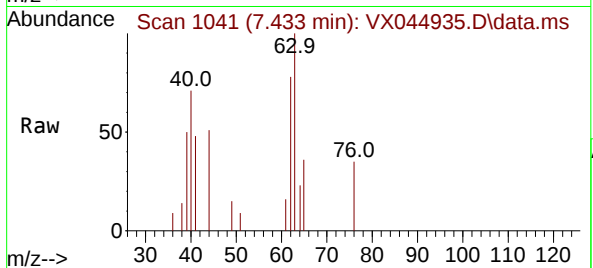
LOQ-WATER-02-QT1-2025

Tgt Ion: 63 Resp: 1487

Ion Ratio Lower Upper

63 100

65 36.1 24.2 36.4



#46

Dibromomethane

Concen: 0.990 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

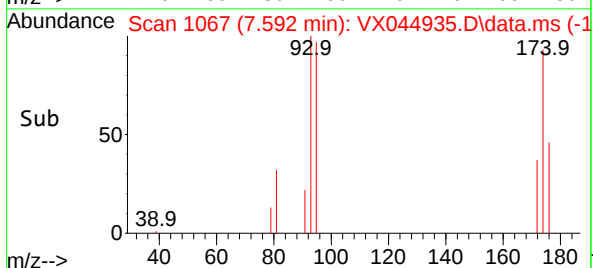
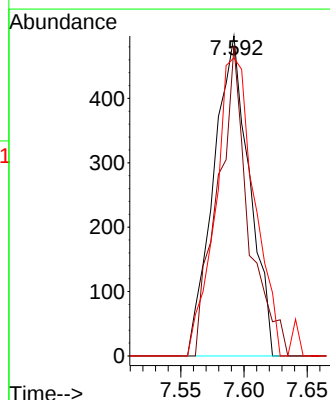
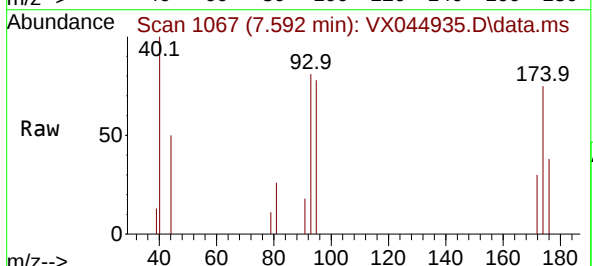
Tgt Ion: 93 Resp: 978

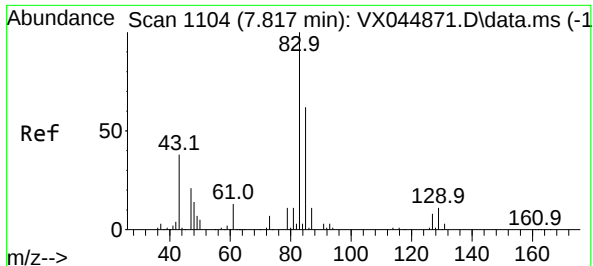
Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

174 101.2 69.9 104.9





#47

Bromodichloromethane

Concen: 0.931 ug/l

RT: 7.824 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

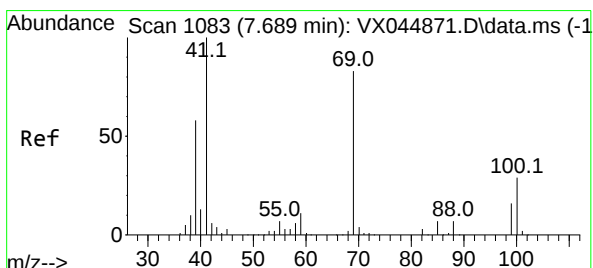
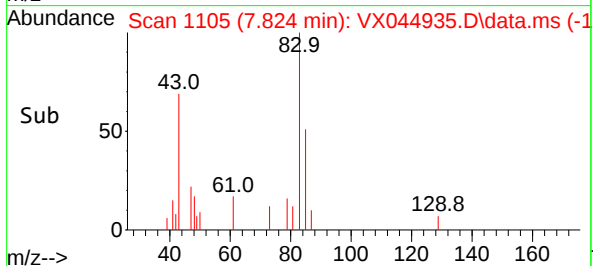
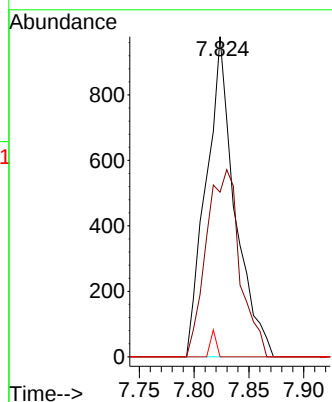
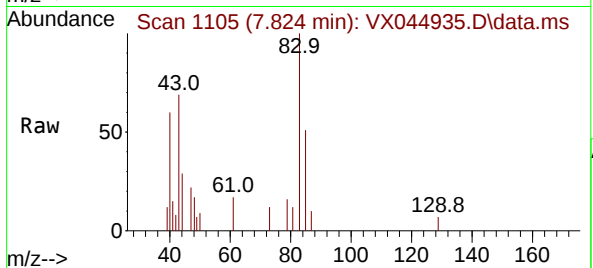
Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 1780  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 51.4  | 50.0  | 75.0  |
| 127      | 0.0   | 6.4   | 9.6#  |



#48

Methyl methacrylate

Concen: 0.784 ug/l

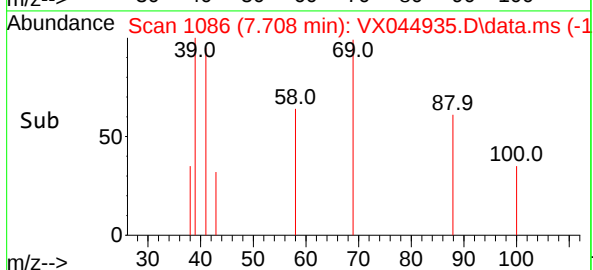
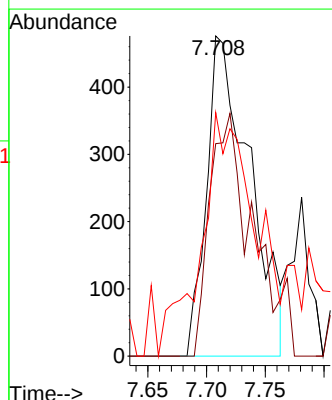
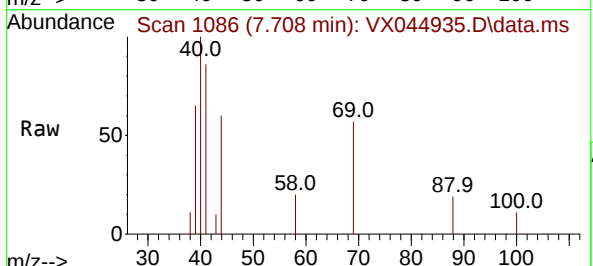
RT: 7.708 min Scan# 1086

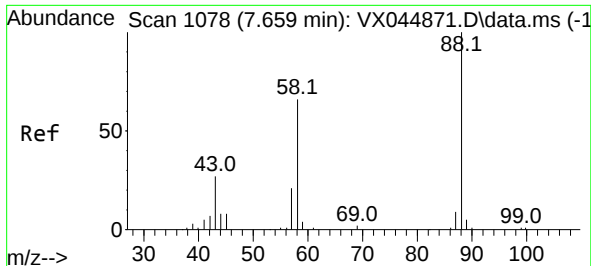
Delta R.T. 0.018 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 1217  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 76.7  | 65.8  | 98.8  |
| 39       | 94.5  | 46.4  | 69.6# |





#49

1,4-Dioxane

Concen: 17.560 ug/l

RT: 7.683 min Scan# 1082

Delta R.T. 0.025 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

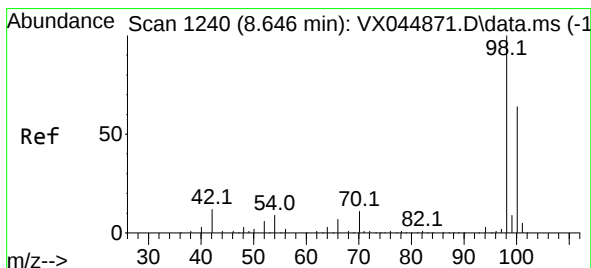
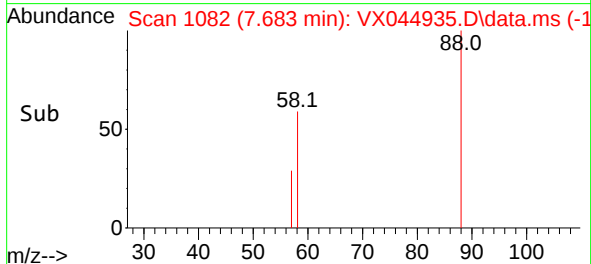
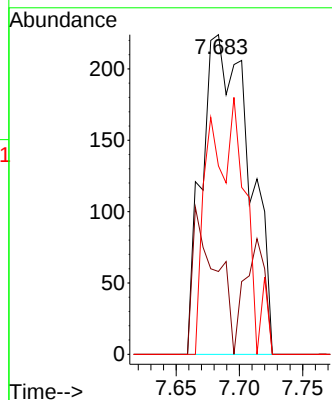
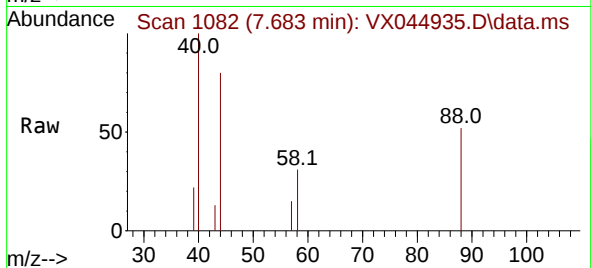
Tgt Ion: 88 Resp: 585

Ion Ratio Lower Upper

88 100

43 22.6 26.6 39.8#

58 33.5 55.9 83.9#



#50

Toluene-d8

Concen: 54.162 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044935.D

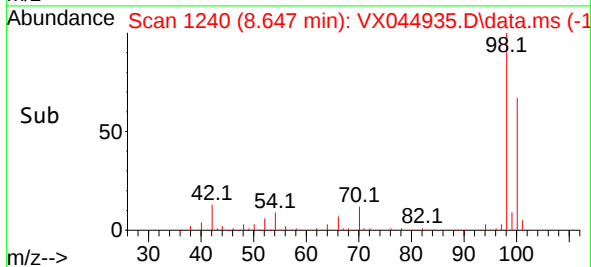
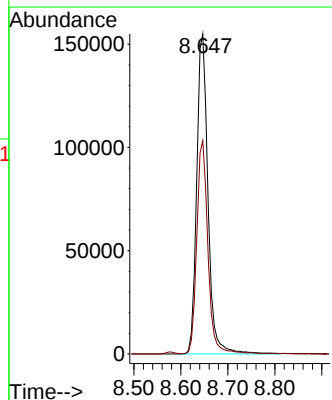
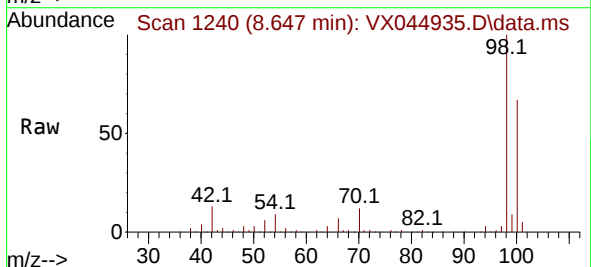
Acq: 12 Feb 2025 15:58

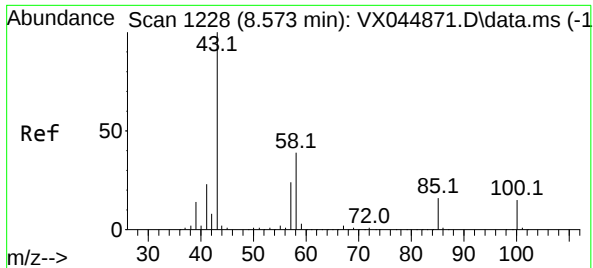
Tgt Ion: 98 Resp: 260278

Ion Ratio Lower Upper

98 100

100 65.5 52.7 79.1

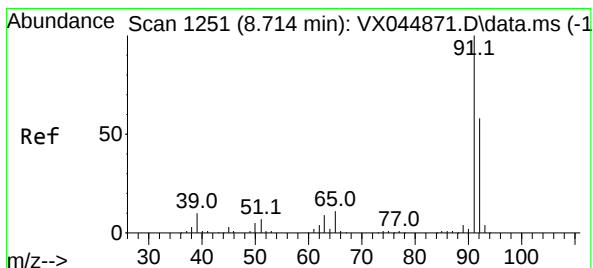
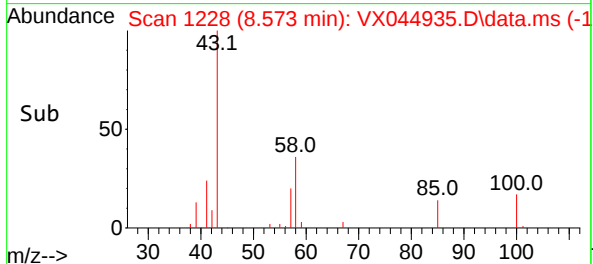
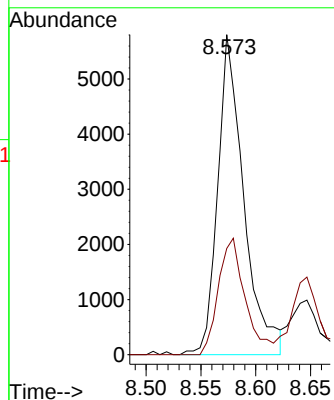
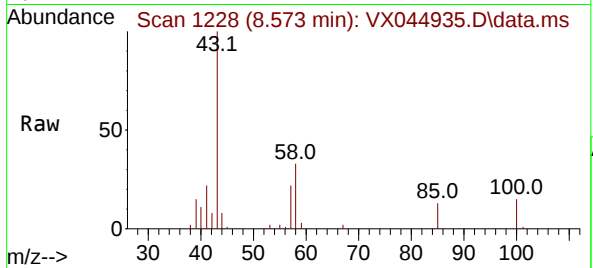




#51  
4-Methyl-2-Pentanone  
Concen: 4.790 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

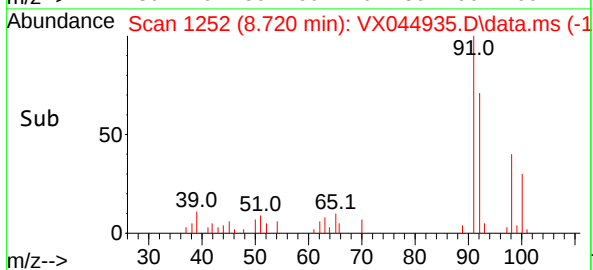
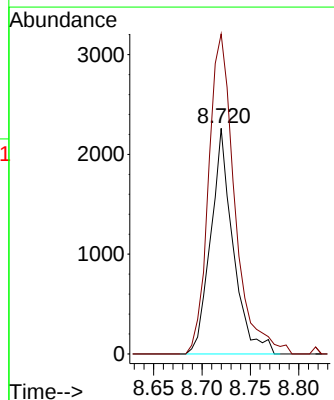
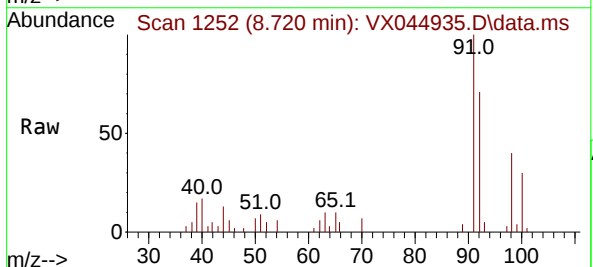
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

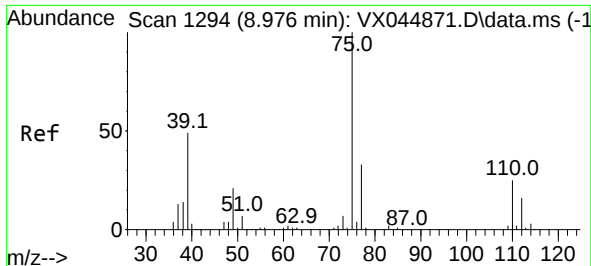
Tgt Ion: 43 Resp: 9590  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.8 46.2



#52  
Toluene  
Concen: 1.066 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 92 Resp: 3636  
Ion Ratio Lower Upper  
92 100  
91 166.1 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 0.761 ug/l

RT: 8.988 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

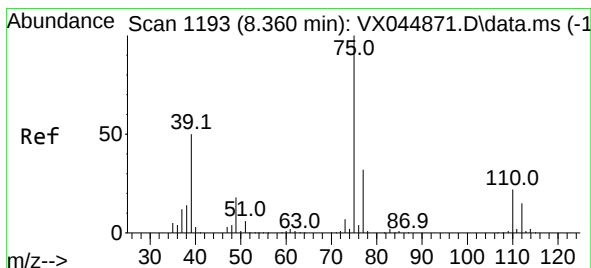
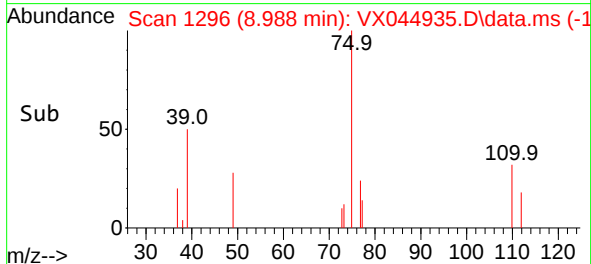
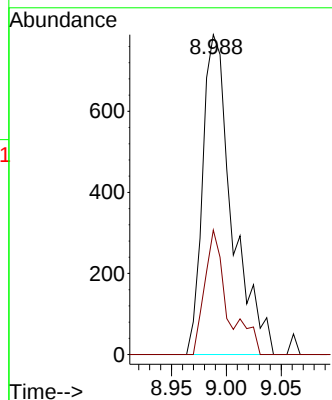
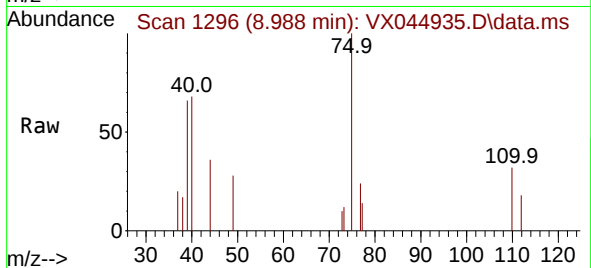
LOQ-WATER-02-QT1-2025

Tgt Ion: 75 Resp: 1473

Ion Ratio Lower Upper

75 100

77 38.9 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 0.923 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

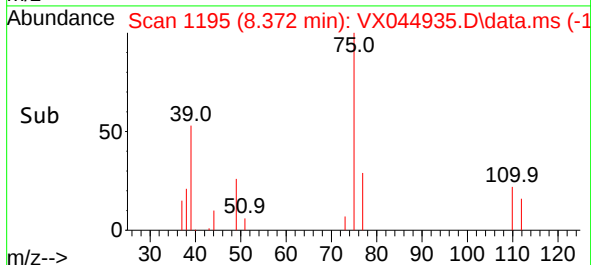
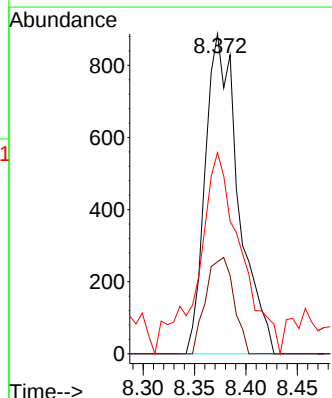
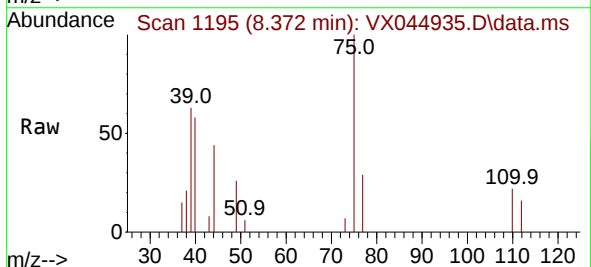
Tgt Ion: 75 Resp: 1992

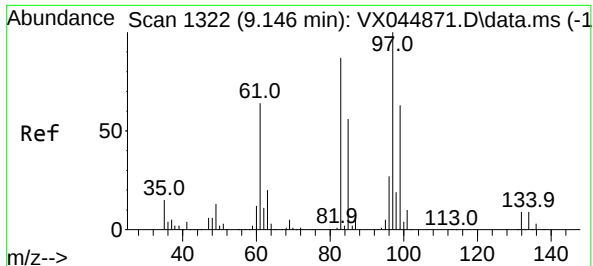
Ion Ratio Lower Upper

75 100

77 28.7 25.3 37.9

39 62.9 40.0 60.0#





#55

1,1,2-Trichloroethane

Concen: 0.951 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VX044935.D

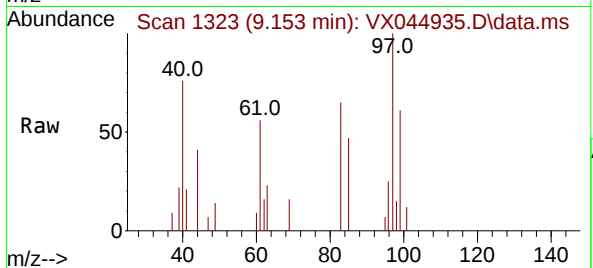
Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



Tgt Ion: 97 Resp: 1246

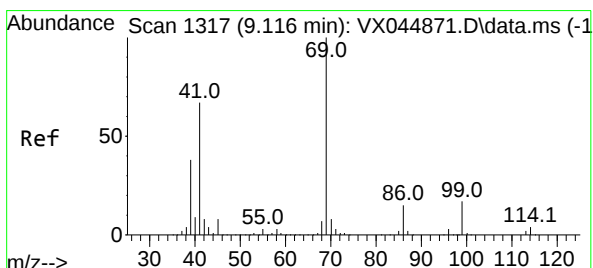
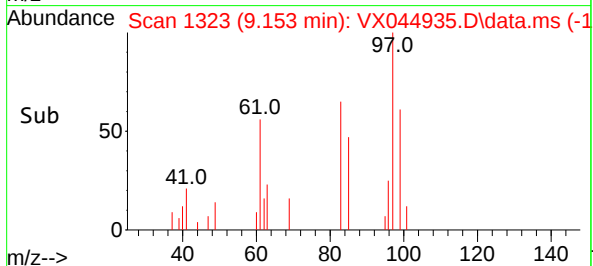
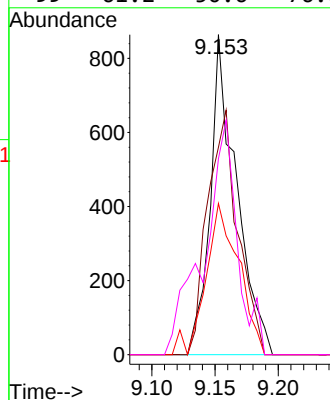
Ion Ratio Lower Upper

97 100

83 64.8 69.8 104.6#

85 47.2 44.8 67.2

99 61.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 0.738 ug/l

RT: 9.128 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

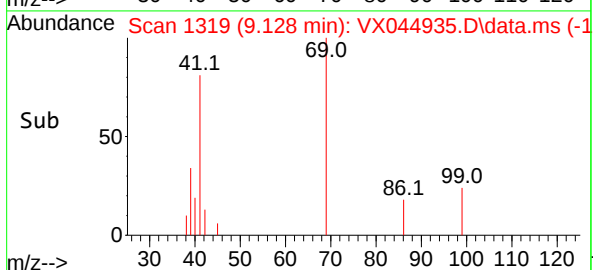
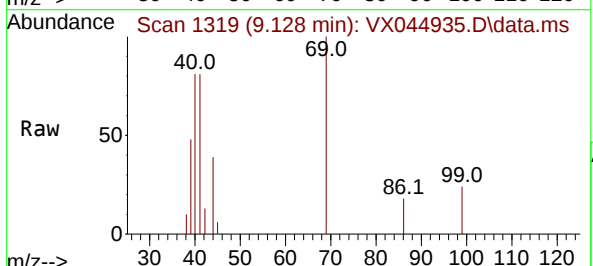
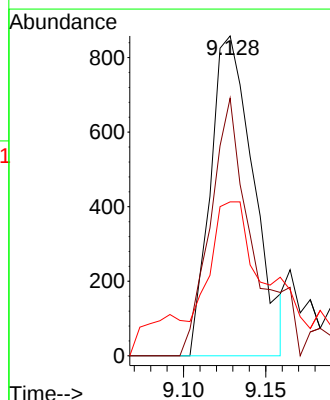
Tgt Ion: 69 Resp: 1563

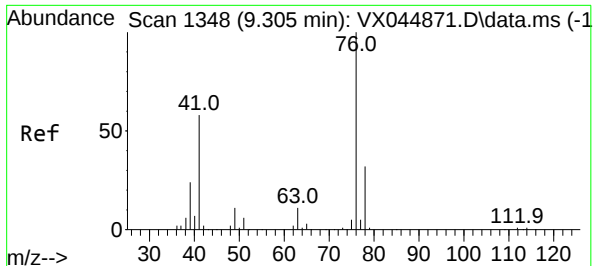
Ion Ratio Lower Upper

69 100

41 80.7 55.2 82.8

39 78.6 30.8 46.2#





#57

1,3-Dichloropropane

Concen: 1.049 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

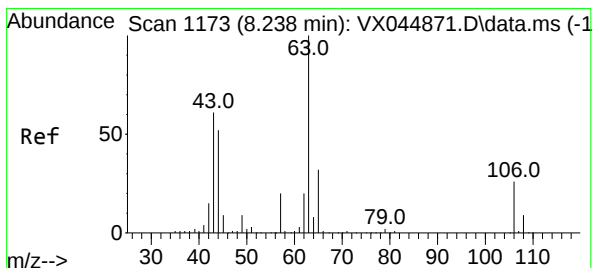
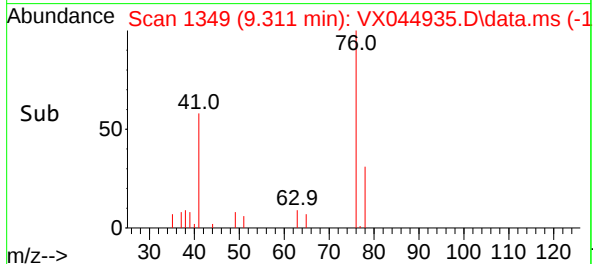
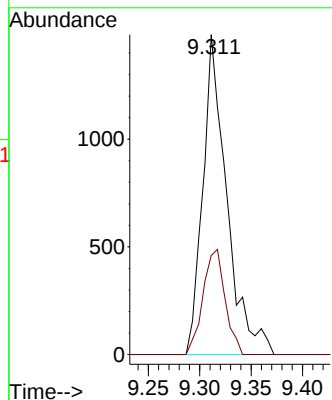
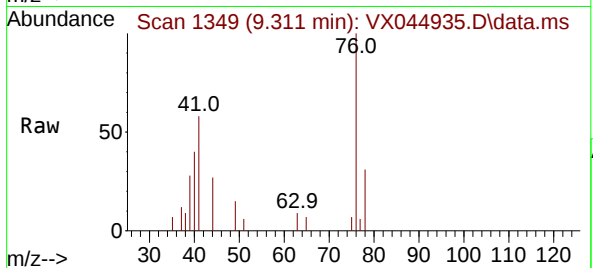
LOQ-WATER-02-QT1-2025

Tgt Ion: 76 Resp: 2406

Ion Ratio Lower Upper

76 100

78 30.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 4.258 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX044935.D

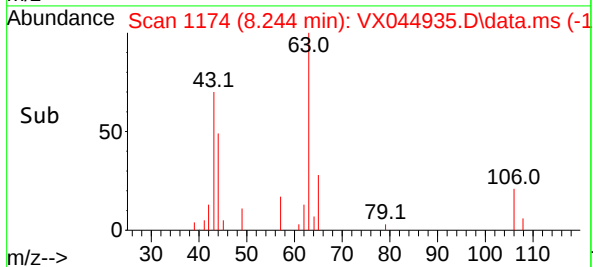
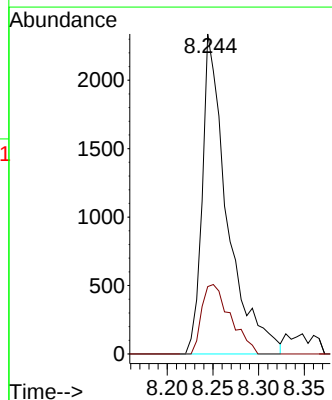
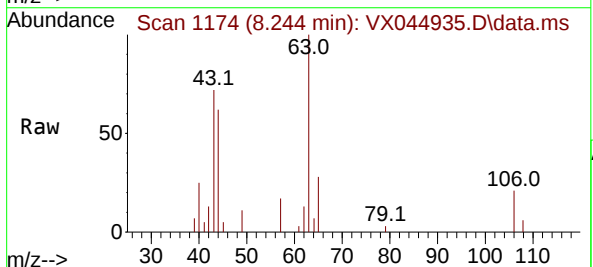
Acq: 12 Feb 2025 15:58

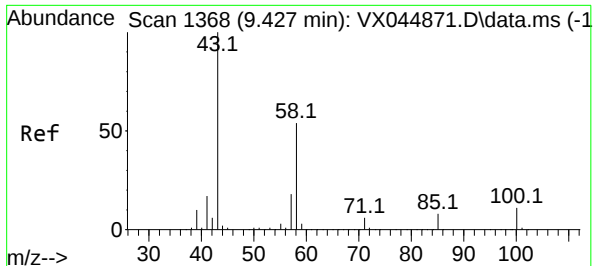
Tgt Ion: 63 Resp: 4426

Ion Ratio Lower Upper

63 100

106 25.0 21.3 31.9





#59

2-Hexanone

Concen: 4.396 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

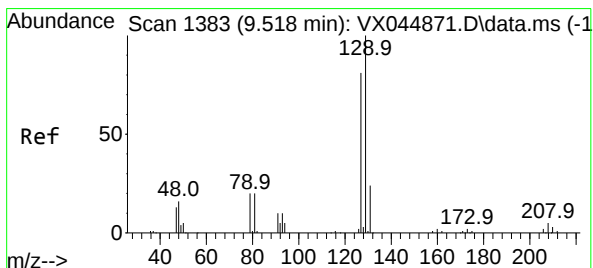
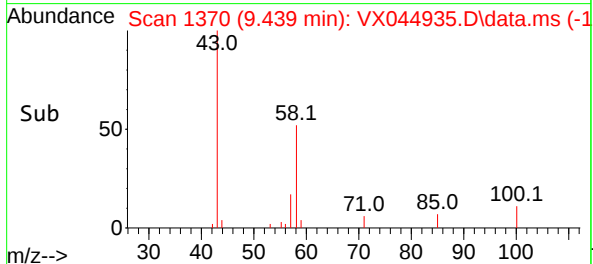
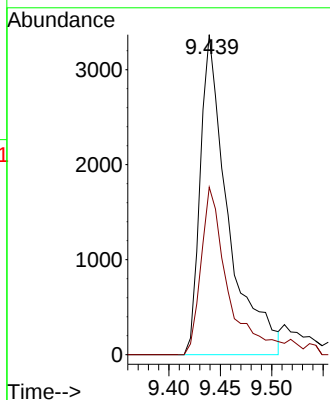
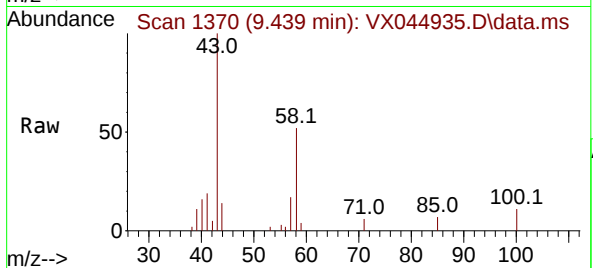
LOQ-WATER-02-QT1-2025

Tgt Ion: 43 Resp: 6342

Ion Ratio Lower Upper

43 100

58 54.1 27.5 82.4



#60

Dibromochloromethane

Concen: 0.868 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044935.D

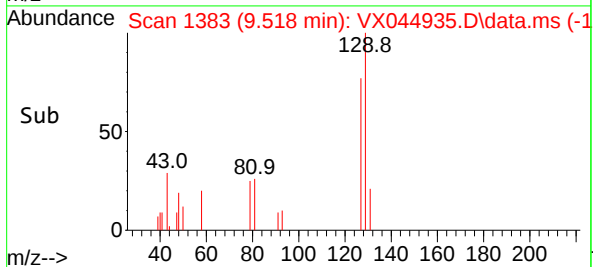
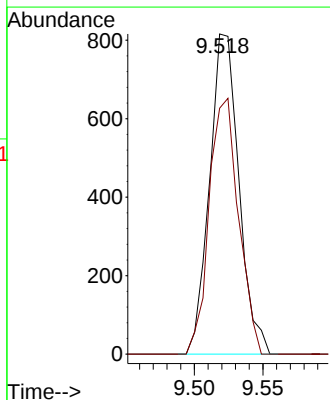
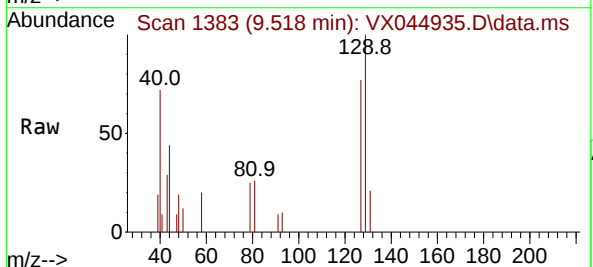
Acq: 12 Feb 2025 15:58

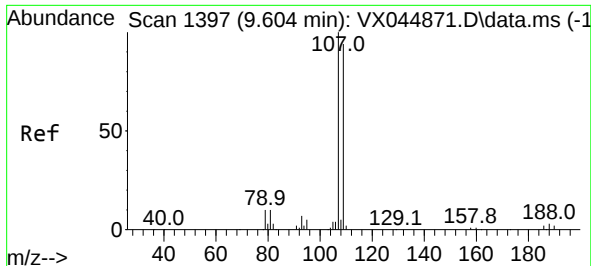
Tgt Ion: 129 Resp: 1217

Ion Ratio Lower Upper

129 100

127 80.0 39.1 117.3

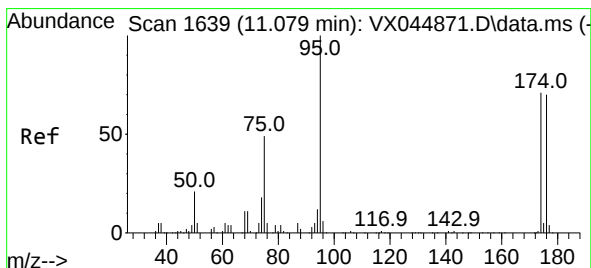
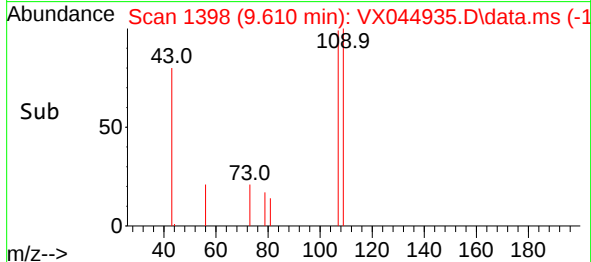
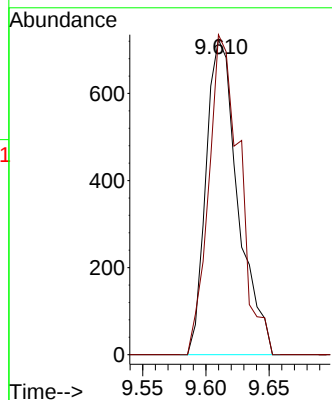
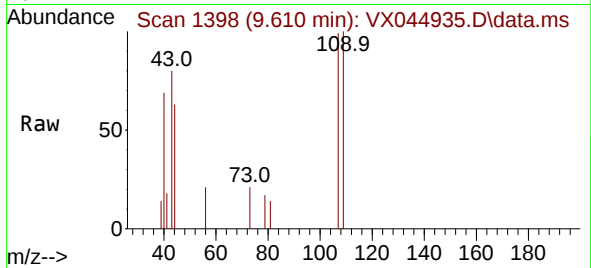




#61  
1,2-Dibromoethane  
Concen: 0.957 ug/l  
RT: 9.610 min Scan# 1397  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

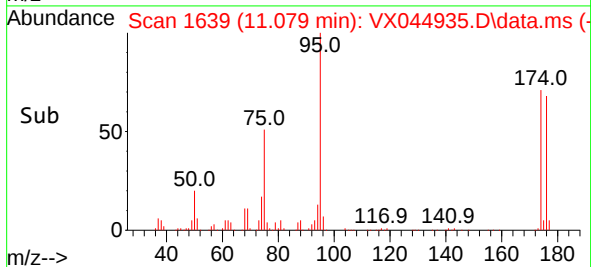
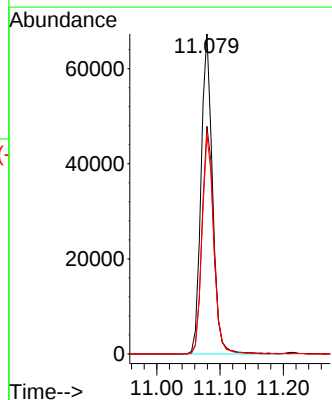
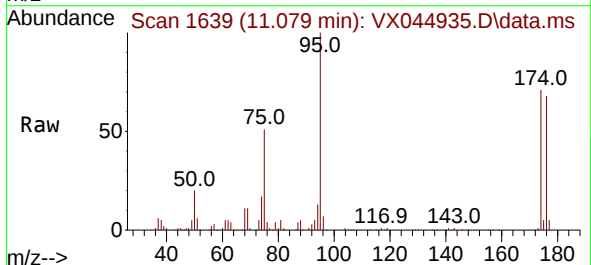
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

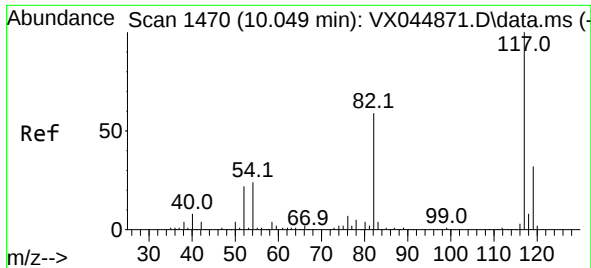
Tgt Ion:107 Resp: 1272  
Ion Ratio Lower Upper  
107 100  
109 99.2 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 52.418 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 95 Resp: 84920  
Ion Ratio Lower Upper  
95 100  
174 72.8 0.0 142.6  
176 69.8 0.0 141.6

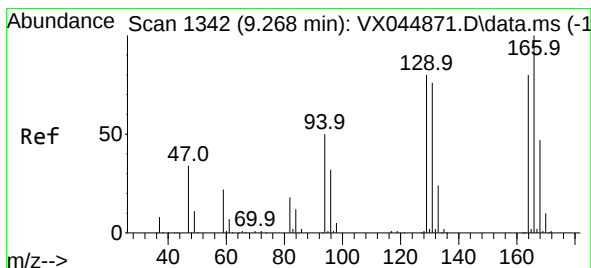
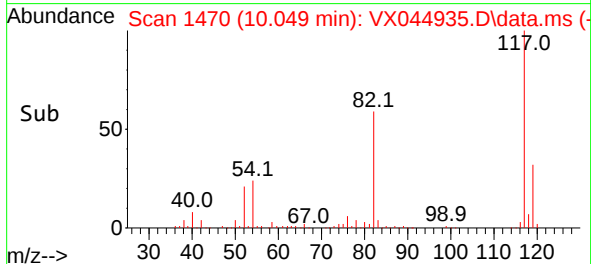
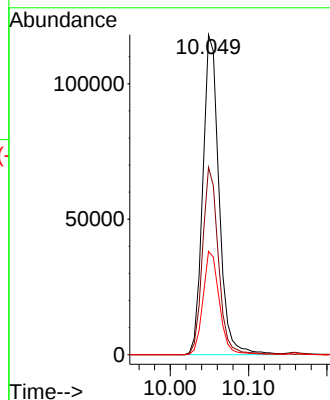
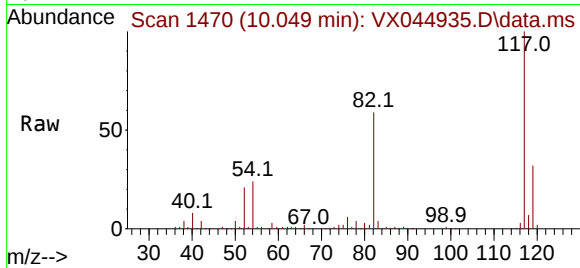




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.049 min Scan# 1470  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

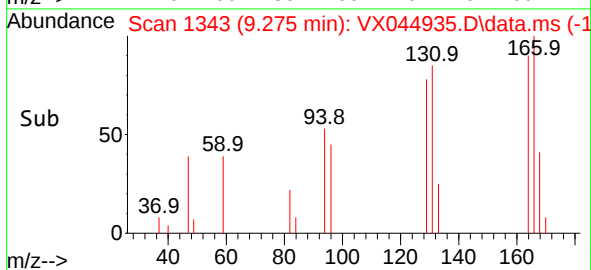
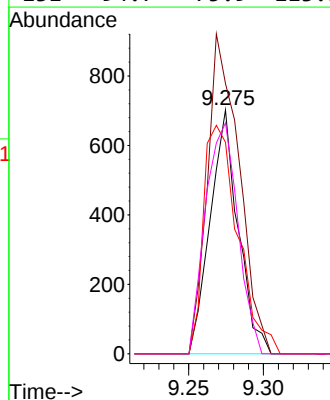
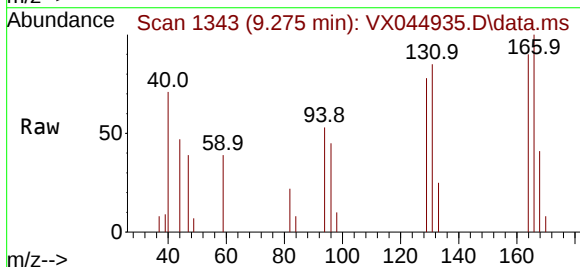
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2025

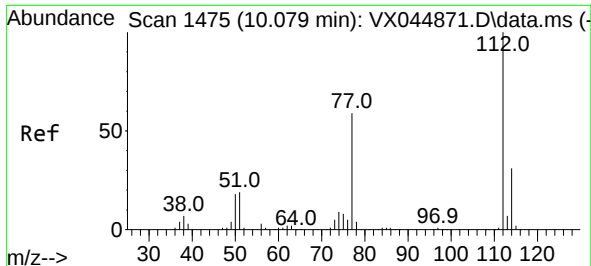
|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:117 | Resp: | 170149 |       |
| Ion         | Ratio | Lower  | Upper |
| 117         | 100   |        |       |
| 82          | 58.5  | 47.5   | 71.3  |
| 119         | 32.3  | 25.4   | 38.0  |



#64  
Tetrachloroethene  
Concen: 0.854 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:164 | Resp: | 916   |
| Ion | Ratio   | Lower | Upper |
| 164 | 100     |       |       |
| 166 | 110.8   | 100.4 | 150.6 |
| 129 | 86.8    | 79.9  | 119.9 |
| 131 | 94.7    | 75.9  | 113.9 |

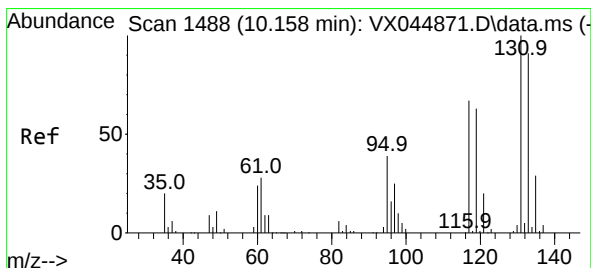
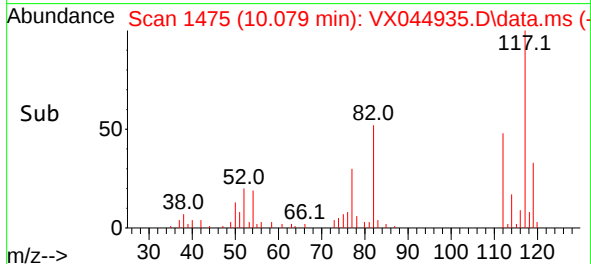
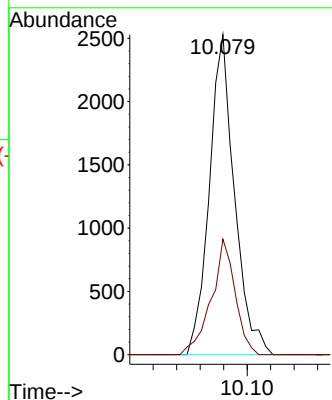
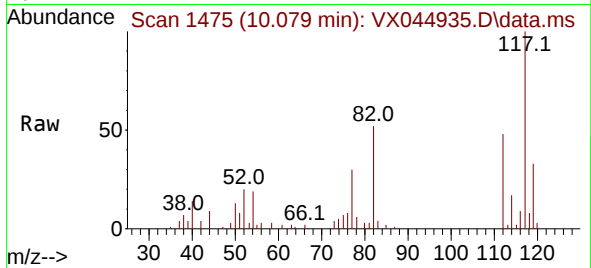




#65  
Chlorobenzene  
Concen: 1.028 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

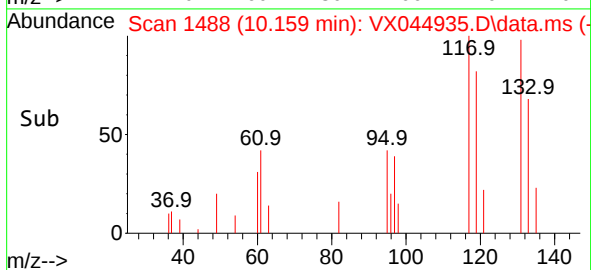
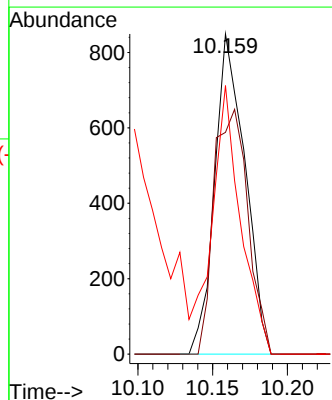
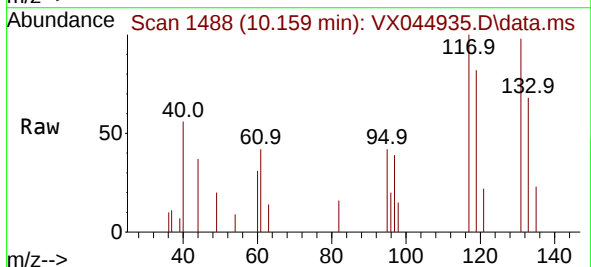
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

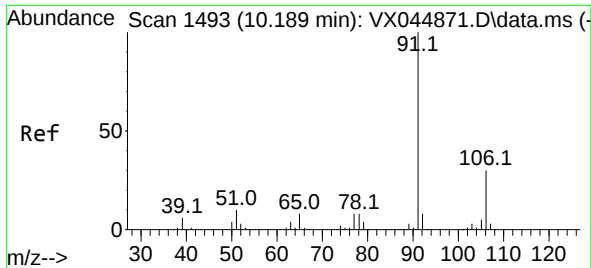
Tgt Ion:112 Resp: 3756  
Ion Ratio Lower Upper  
112 100  
114 36.1 25.0 37.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.018 ug/l  
RT: 10.159 min Scan# 1488  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:131 Resp: 1198  
Ion Ratio Lower Upper  
131 100  
133 85.9 47.1 141.3  
119 0.0 33.6 100.6#

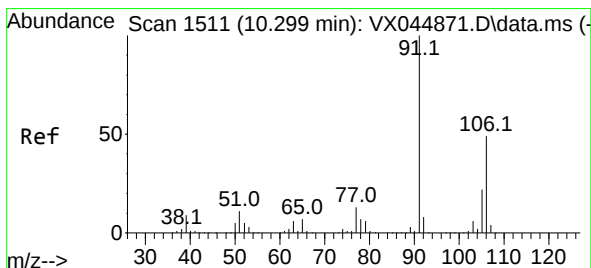
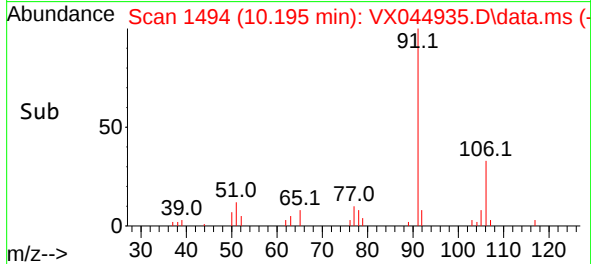
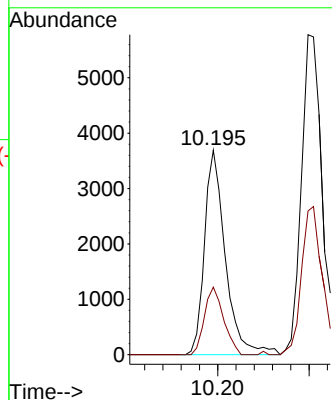
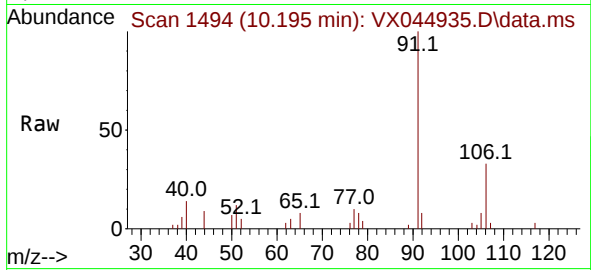




#67  
Ethyl Benzene  
Concen: 0.909 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

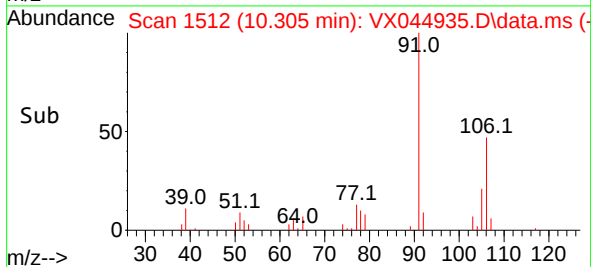
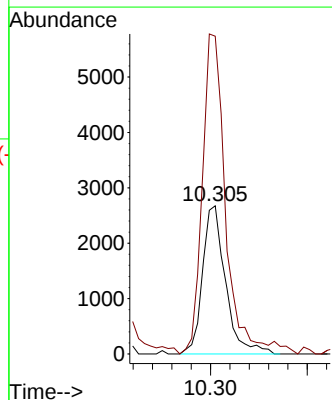
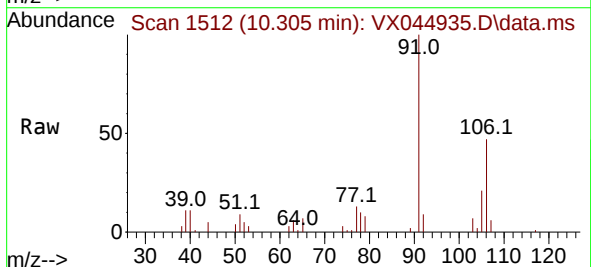
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

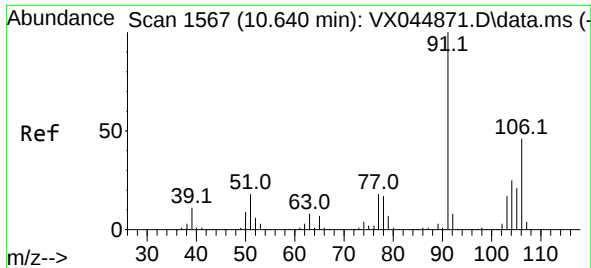
Tgt Ion: 91 Resp: 5860  
Ion Ratio Lower Upper  
91 100  
106 33.0 23.9 35.9



#68  
m/p-Xylenes  
Concen: 1.860 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 106 Resp: 4425  
Ion Ratio Lower Upper  
106 100  
91 219.2 164.3 246.5

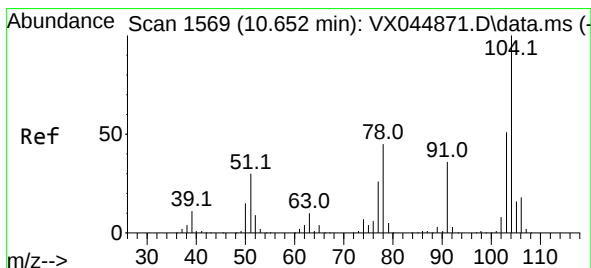
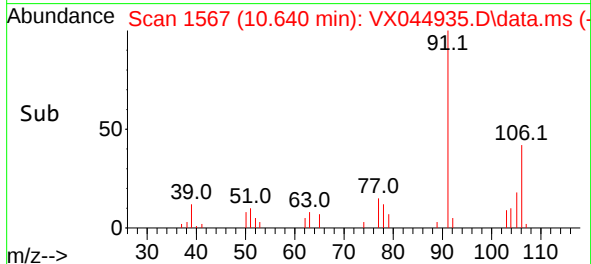
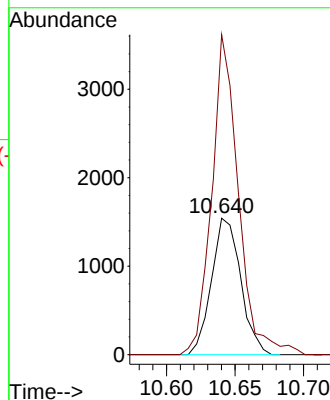
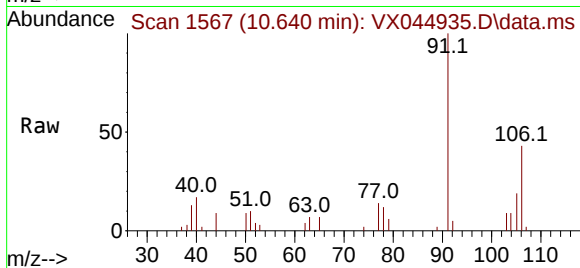




#69  
o-Xylene  
Concen: 0.957 ug/l  
RT: 10.640 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

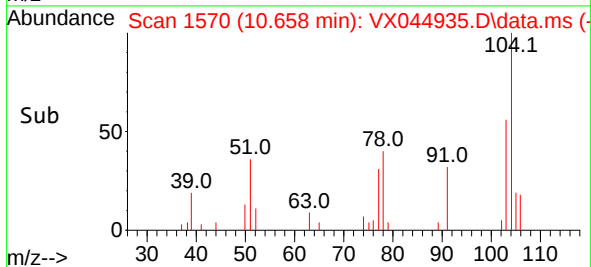
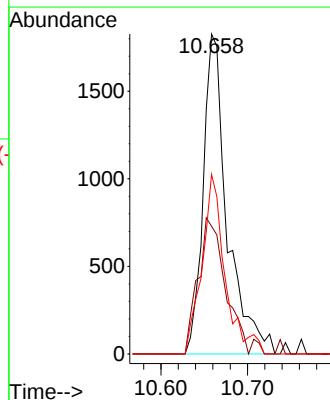
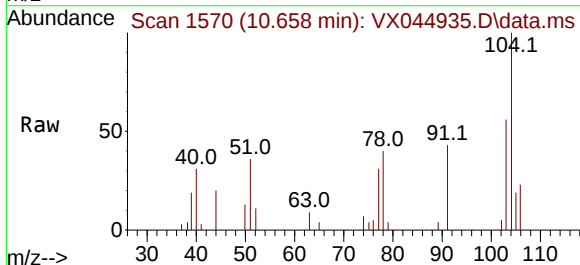
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

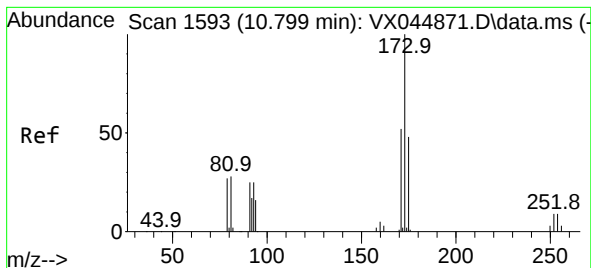
Tgt Ion:106 Resp: 2285  
Ion Ratio Lower Upper  
106 100  
91 214.4 108.5 325.5



#70  
Styrene  
Concen: 0.916 ug/l  
RT: 10.658 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:104 Resp: 3524  
Ion Ratio Lower Upper  
104 100  
78 48.0 40.5 60.7  
103 53.6 43.6 65.4





#71

Bromoform

Concen: 0.852 ug/l

RT: 10.799 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044935.D

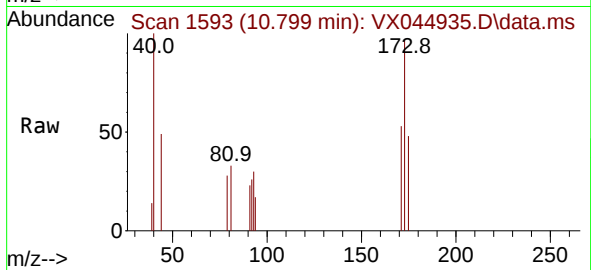
Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025



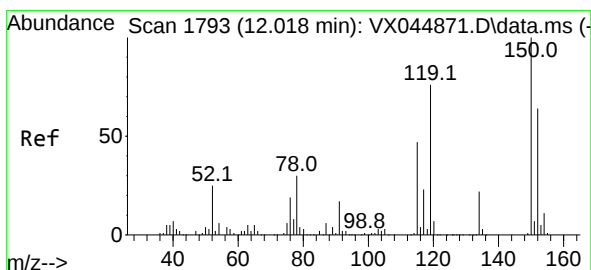
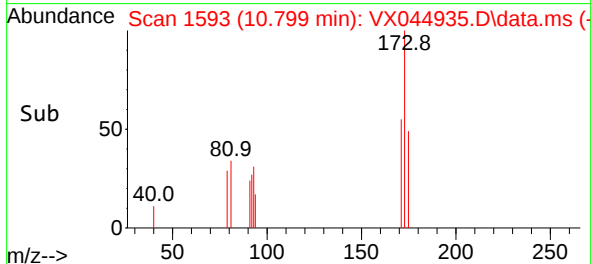
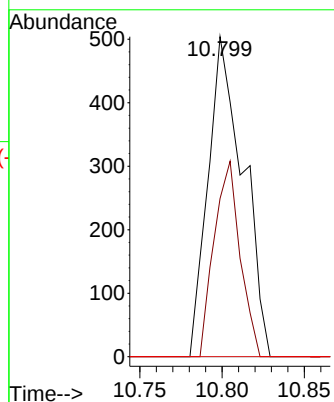
Tgt Ion:173 Resp: 748

Ion Ratio Lower Upper

173 100

175 45.1 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

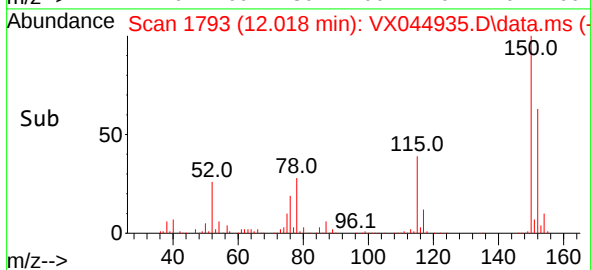
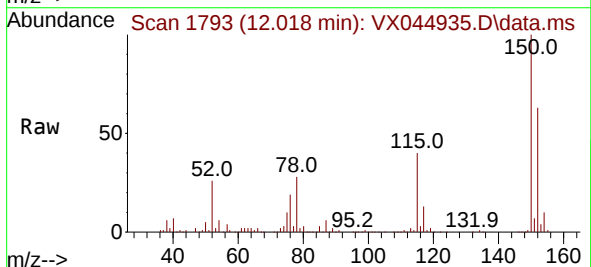
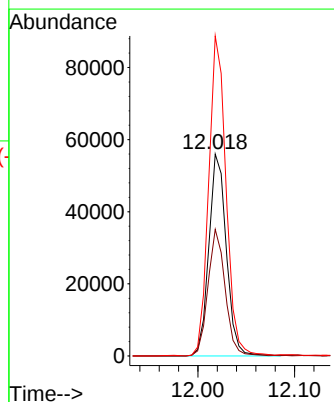
Tgt Ion:152 Resp: 70549

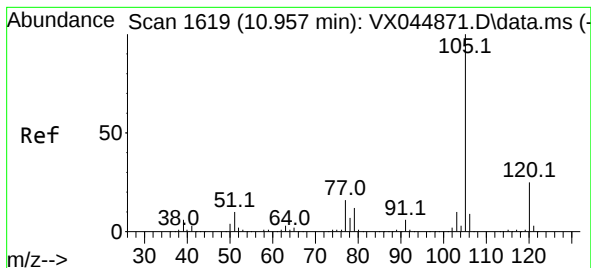
Ion Ratio Lower Upper

152 100

115 61.8 43.4 130.1

150 157.0 0.0 350.4





#73

Isopropylbenzene

Concen: 0.970 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

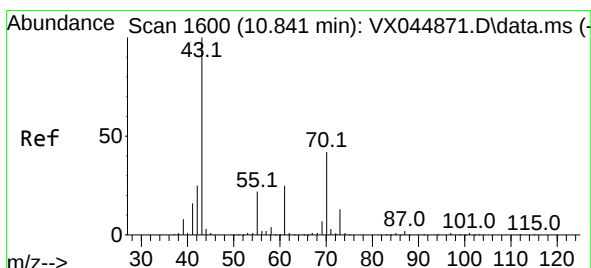
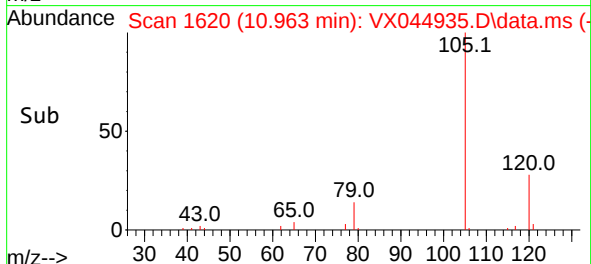
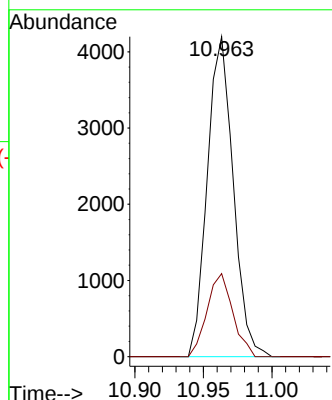
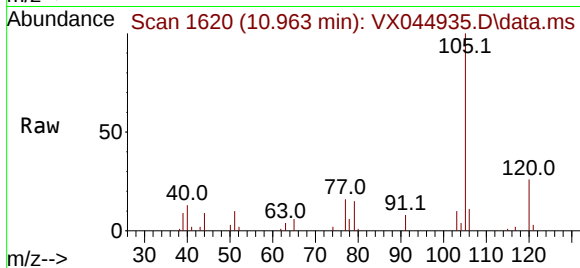
LOQ-WATER-02-QT1-2025

Tgt Ion:105 Resp: 5511

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 0.726 ug/l

RT: 10.847 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Tgt Ion: 43 Resp: 1866

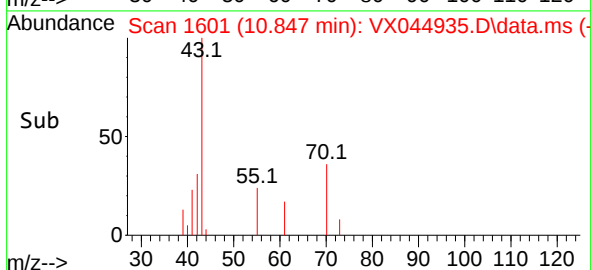
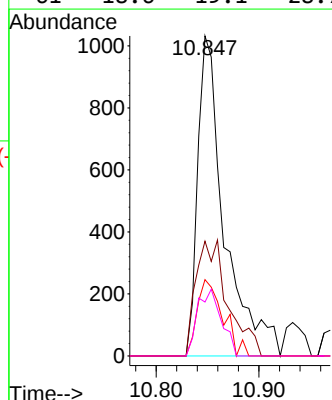
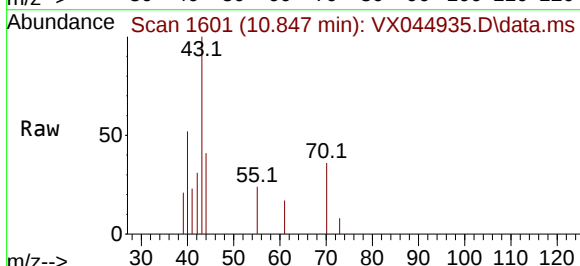
Ion Ratio Lower Upper

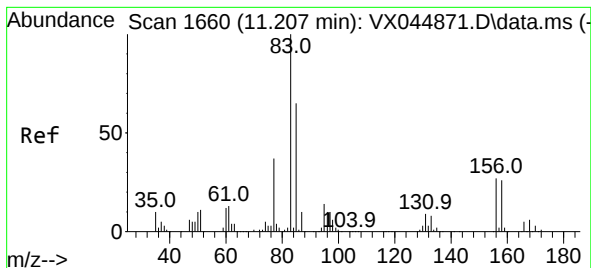
43 100

70 43.4 33.7 50.5

55 22.9 18.6 27.8

61 18.6 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.050 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

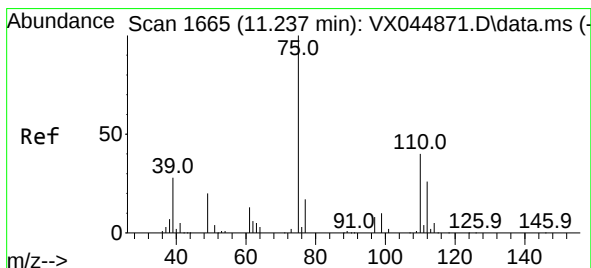
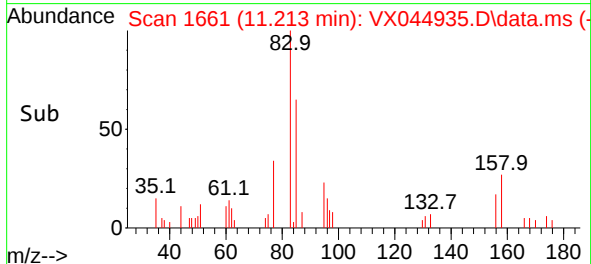
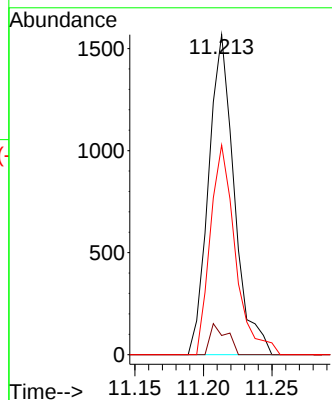
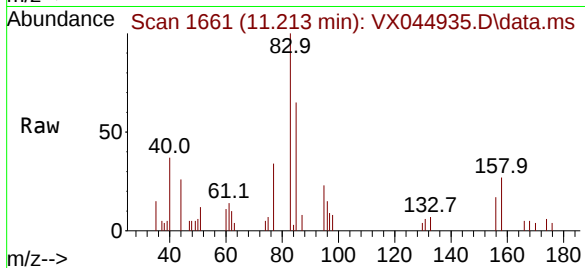
Tgt Ion: 83 Resp: 2049

Ion Ratio Lower Upper

83 100

131 6.3 4.5 13.5

85 63.9 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 1.323 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX044935.D

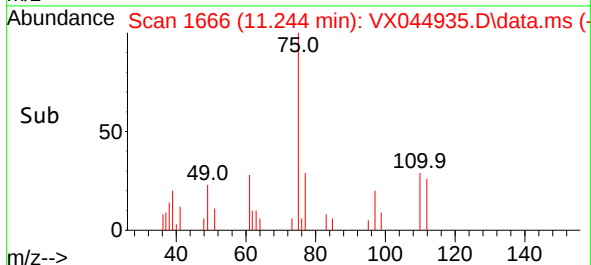
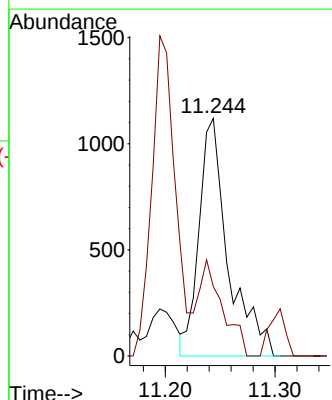
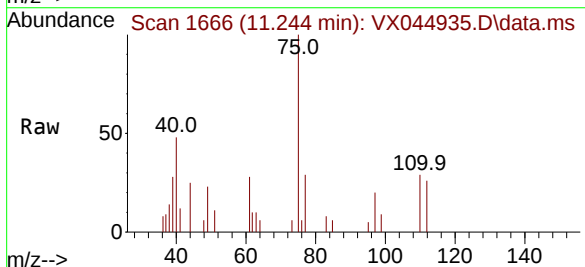
Acq: 12 Feb 2025 15:58

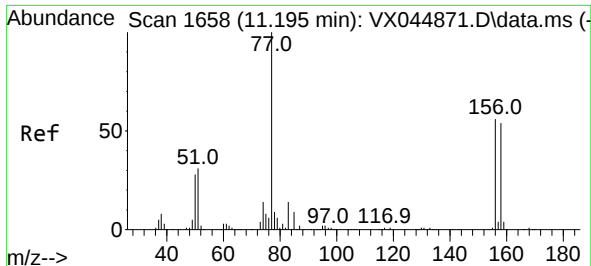
Tgt Ion: 75 Resp: 2070

Ion Ratio Lower Upper

75 100

77 31.8 21.9 65.7

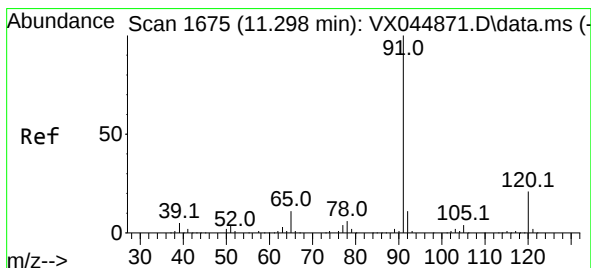
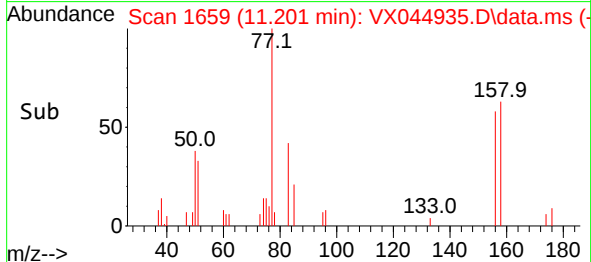
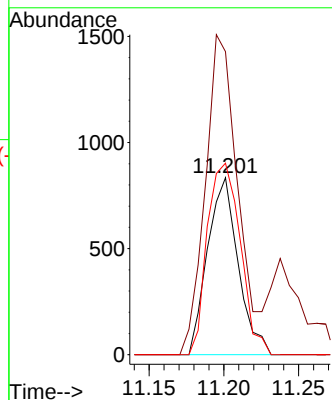
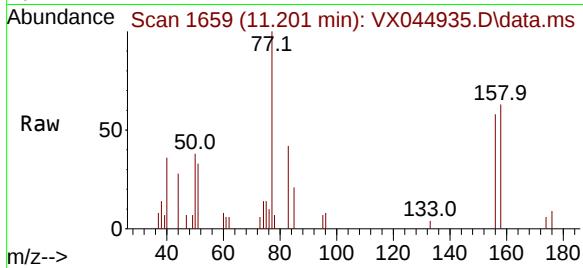




#77  
Bromobenzene  
Concen: 0.921 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

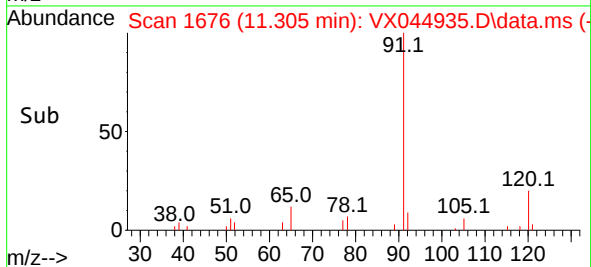
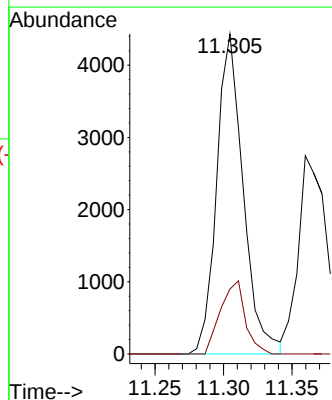
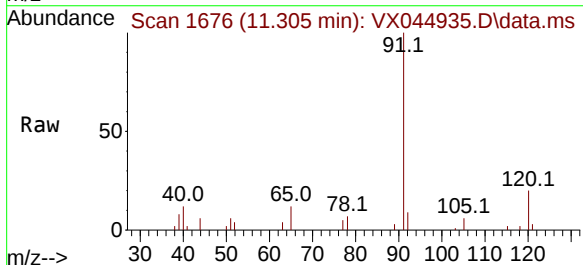
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

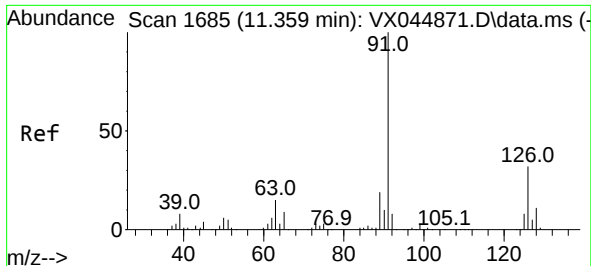
Tgt Ion:156 Resp: 1186  
Ion Ratio Lower Upper  
156 100  
77 192.7 88.4 265.3  
158 117.4 48.4 145.2



#78  
n-propylbenzene  
Concen: 0.909 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 91 Resp: 5963  
Ion Ratio Lower Upper  
91 100  
120 21.2 11.1 33.3

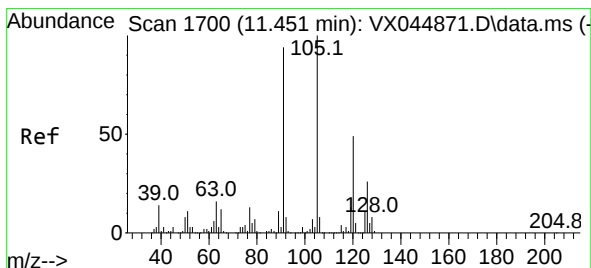
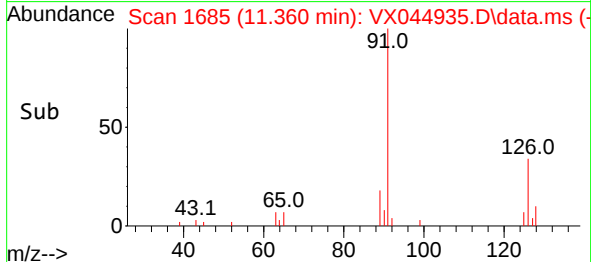
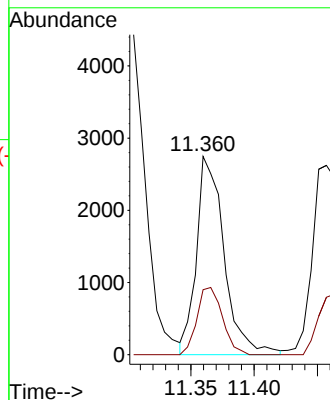
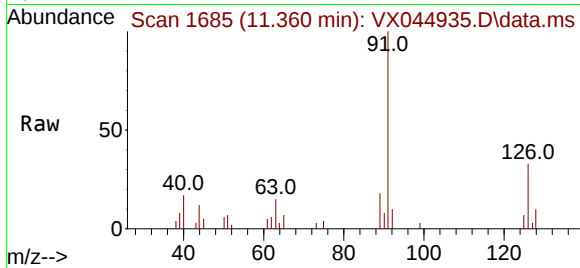




#79  
2-Chlorotoluene  
Concen: 1.037 ug/l  
RT: 11.360 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

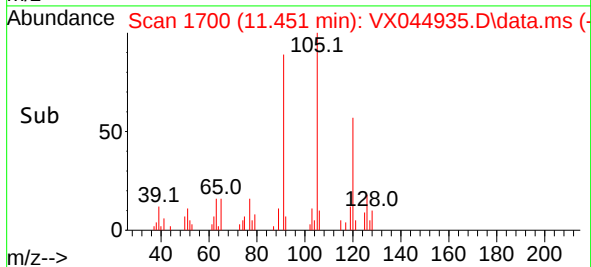
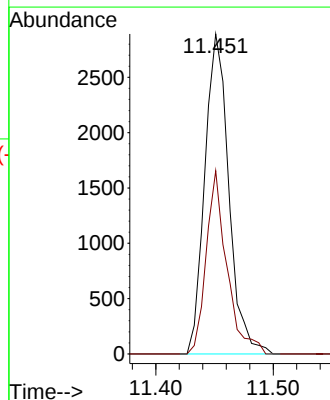
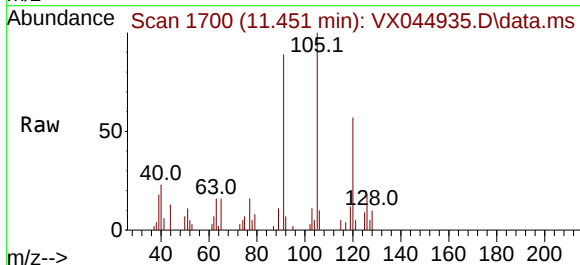
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

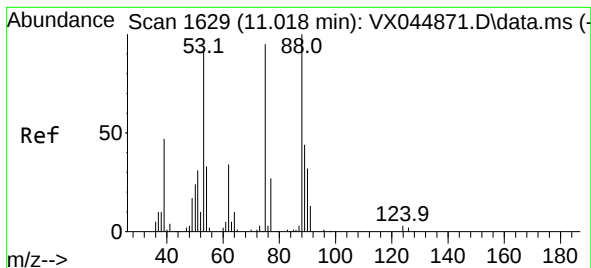
Tgt Ion: 91 Resp: 4180  
Ion Ratio Lower Upper  
91 100  
126 31.2 16.2 48.6



#80  
1,3,5-Trimethylbenzene  
Concen: 0.890 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion: 105 Resp: 4103  
Ion Ratio Lower Upper  
105 100  
120 49.4 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 72.533 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

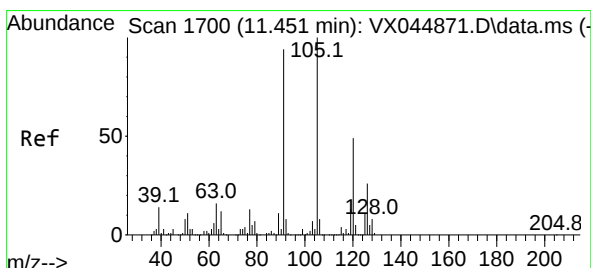
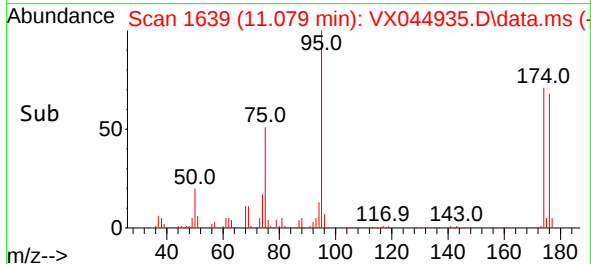
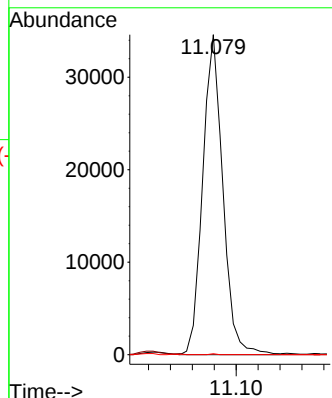
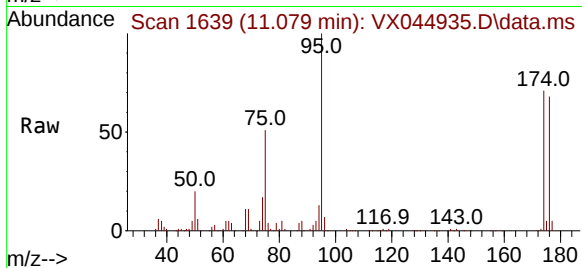
Tgt Ion: 75 Resp: 44105

Ion Ratio Lower Upper

75 100

53 0.0 78.0 117.0#

89 0.1 36.6 54.8#



#82

4-Chlorotoluene

Concen: 1.004 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX044935.D

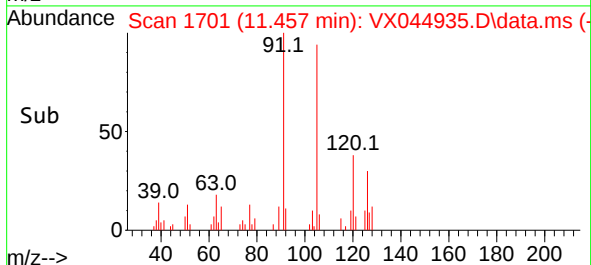
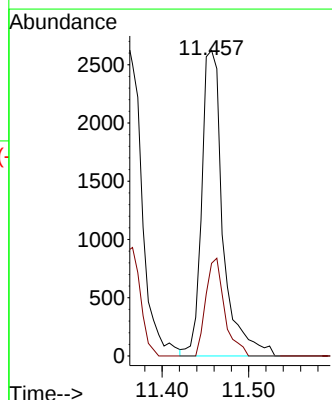
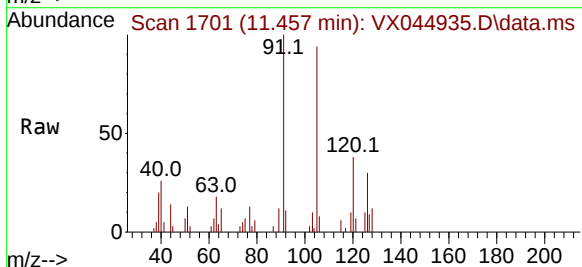
Acq: 12 Feb 2025 15:58

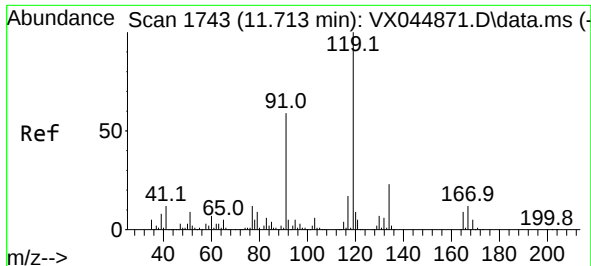
Tgt Ion: 91 Resp: 4474

Ion Ratio Lower Upper

91 100

126 28.3 14.2 42.6

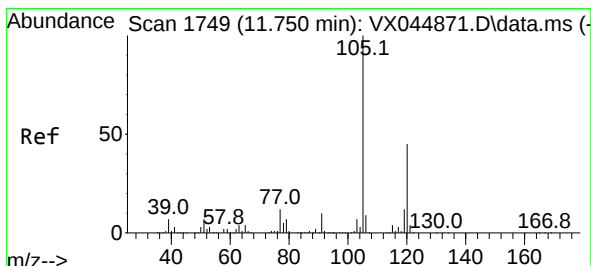
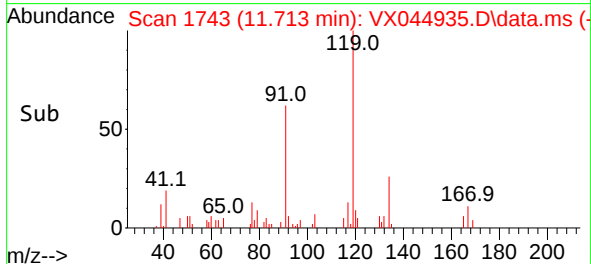
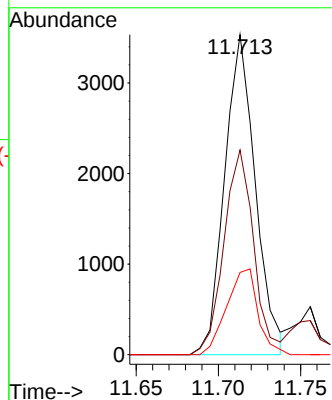
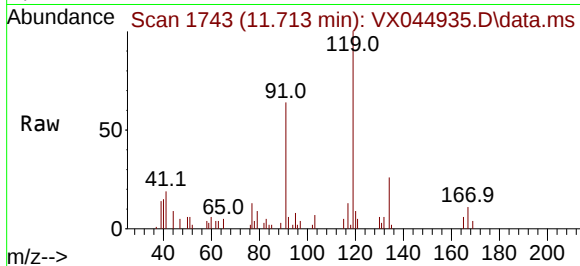




#83  
 tert-Butylbenzene  
 Concen: 0.983 ug/l  
 RT: 11.713 min Scan# 1743  
 Delta R.T. 0.000 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

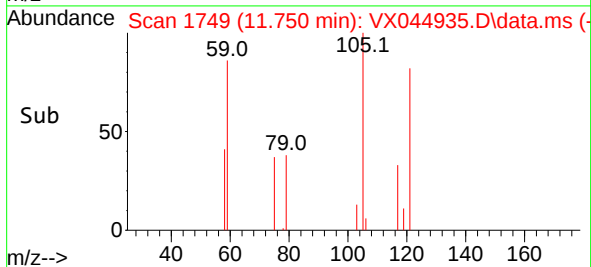
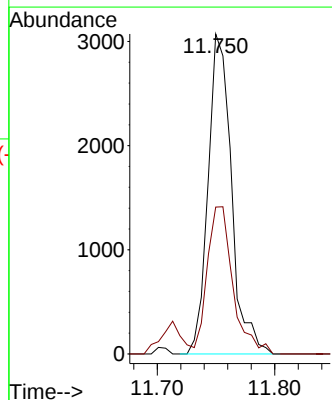
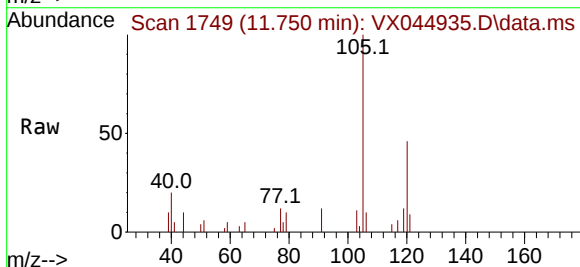
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

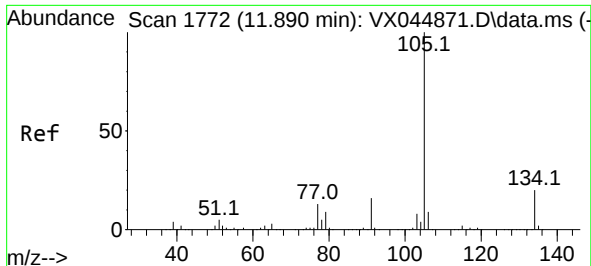
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 4585  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 62.2  | 29.1  | 87.4  |
| 134      | 27.3  | 11.5  | 34.5  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.931 ug/l  
 RT: 11.750 min Scan# 1749  
 Delta R.T. 0.000 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 4237  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 50.4  | 22.4  | 67.0  |

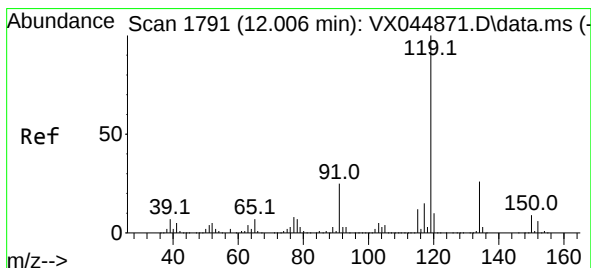
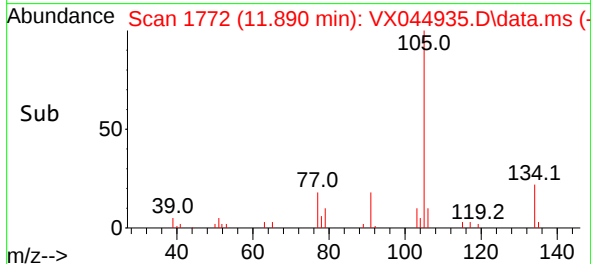
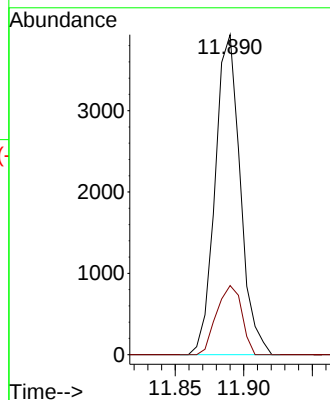
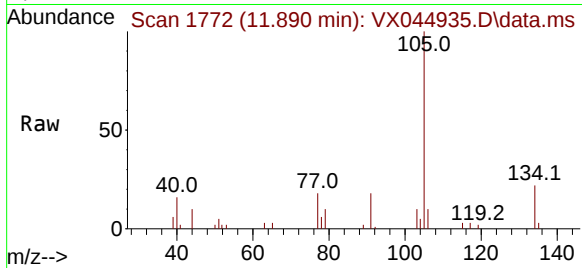




#85  
 sec-Butylbenzene  
 Concen: 0.869 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

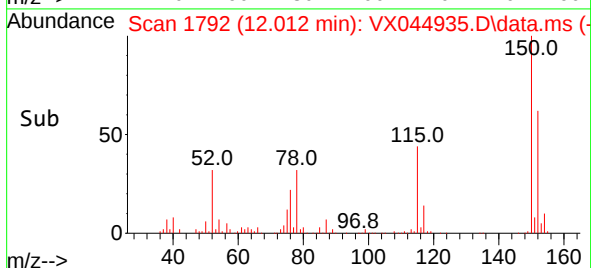
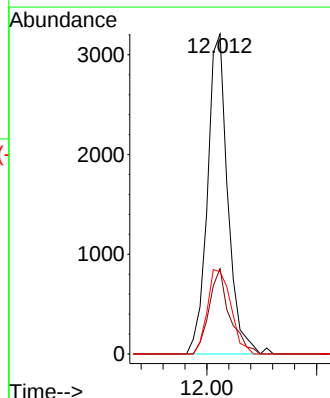
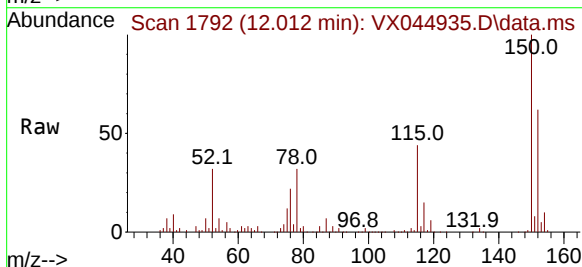
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2025

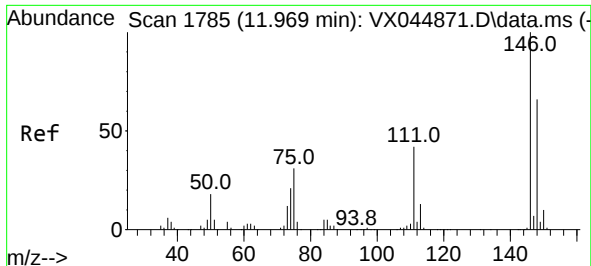
Tgt Ion:105 Resp: 5017  
 Ion Ratio Lower Upper  
 105 100  
 134 21.6 9.8 29.3



#86  
 p-Isopropyltoluene  
 Concen: 0.887 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX044935.D  
 Acq: 12 Feb 2025 15:58

Tgt Ion:119 Resp: 4119  
 Ion Ratio Lower Upper  
 119 100  
 134 27.1 13.0 38.9  
 91 30.5 12.1 36.3

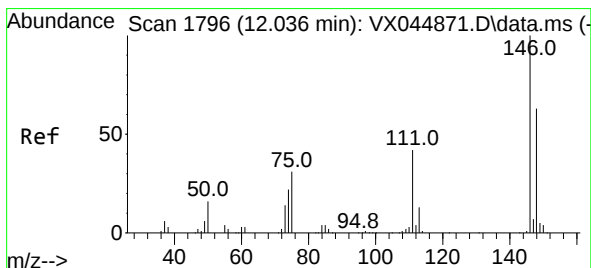
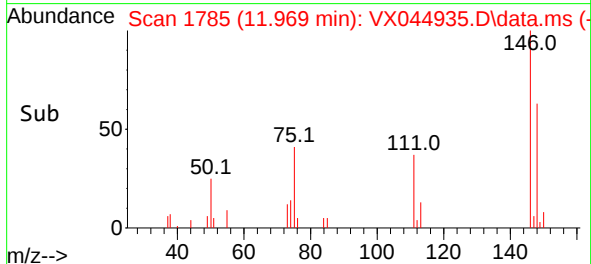
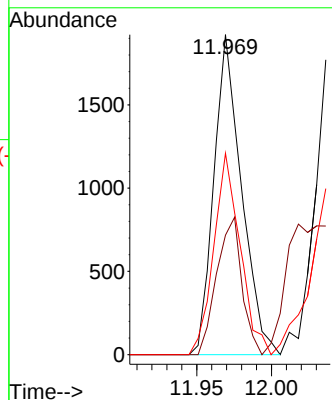
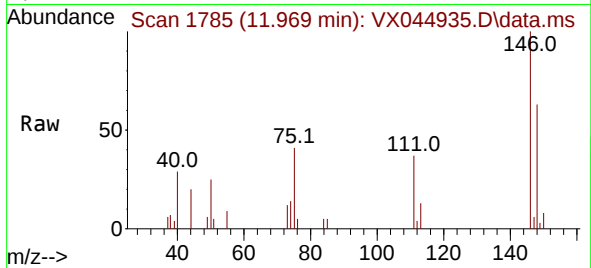




#87  
1,3-Dichlorobenzene  
Concen: 1.040 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

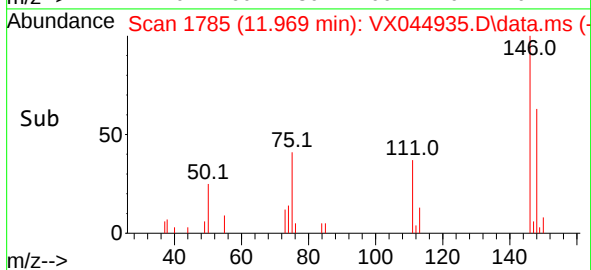
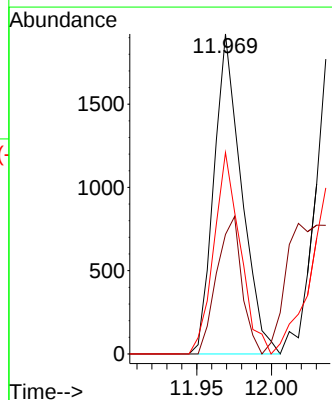
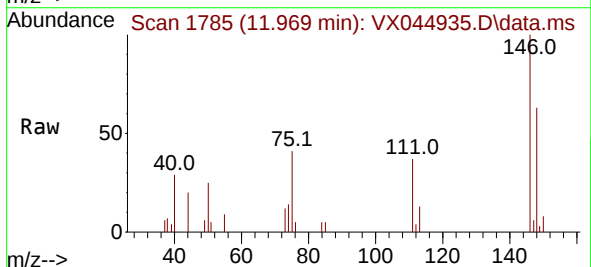
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

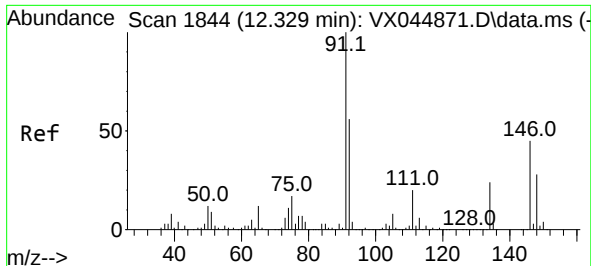
Tgt Ion:146 Resp: 2463  
Ion Ratio Lower Upper  
146 100  
111 39.1 21.2 63.6  
148 60.3 32.5 97.5



#88  
1,4-Dichlorobenzene  
Concen: 1.029 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.067 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:146 Resp: 2463  
Ion Ratio Lower Upper  
146 100  
111 39.1 20.4 61.3  
148 60.3 32.0 96.0





#89

n-Butylbenzene

Concen: 0.764 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX044935.D

Acq: 12 Feb 2025 15:58

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2025

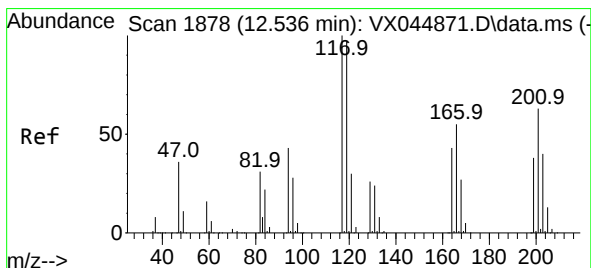
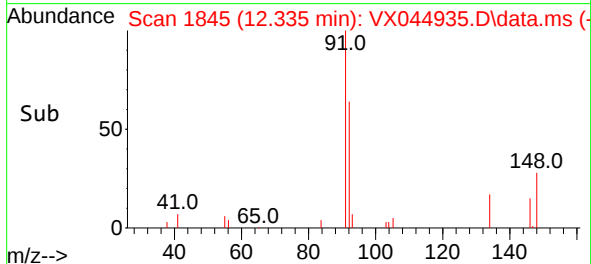
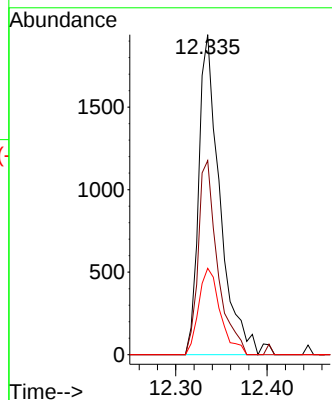
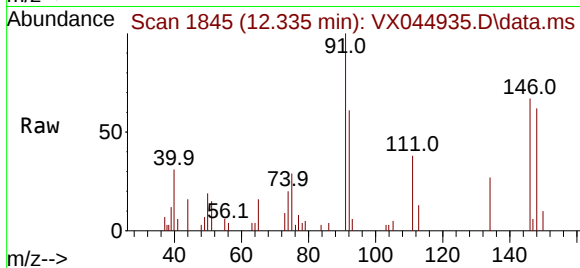
Tgt Ion: 91 Resp: 3137

Ion Ratio Lower Upper

91 100

92 55.1 27.2 81.6

134 27.5 12.1 36.3



#90

Hexachloroethane

Concen: 0.794 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.006 min

Lab File: VX044935.D

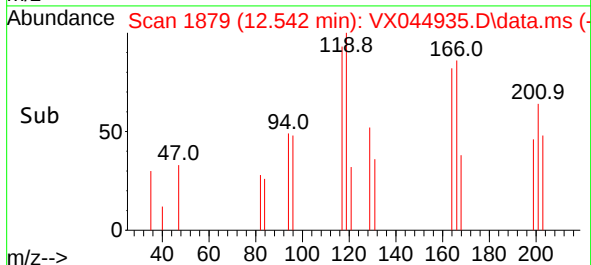
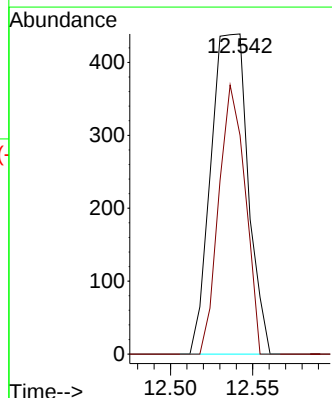
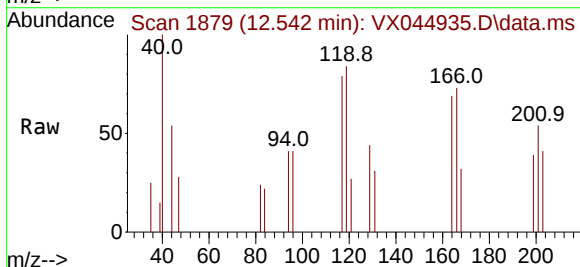
Acq: 12 Feb 2025 15:58

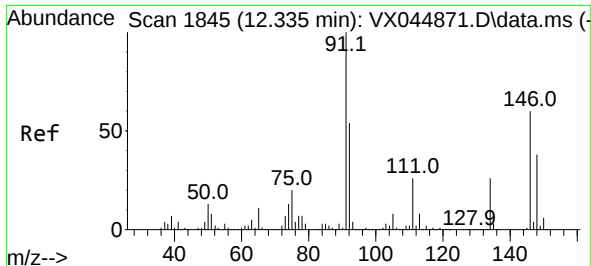
Tgt Ion: 117 Resp: 690

Ion Ratio Lower Upper

117 100

201 59.7 32.5 97.5

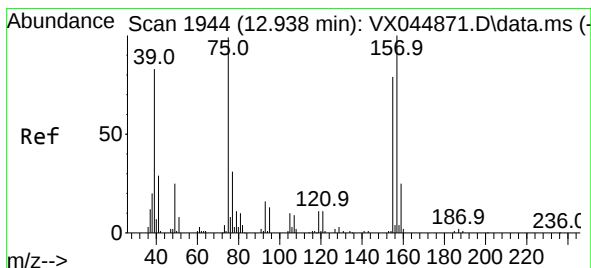
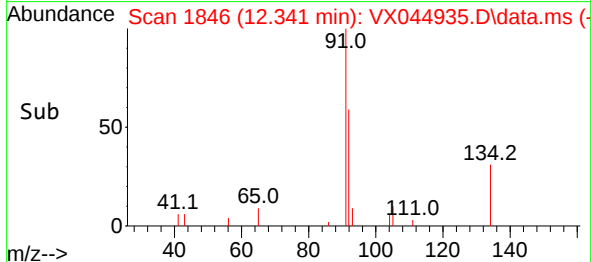
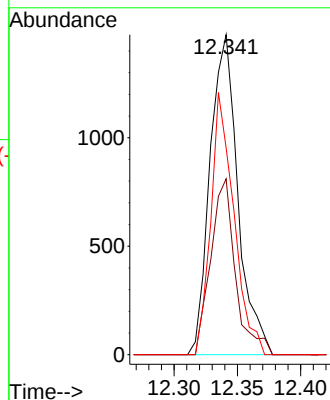
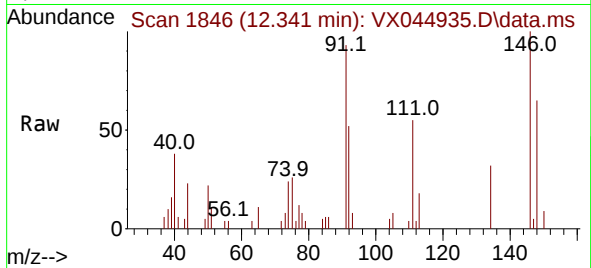




#91  
1,2-Dichlorobenzene  
Concen: 0.970 ug/l  
RT: 12.341 min Scan# 1846  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

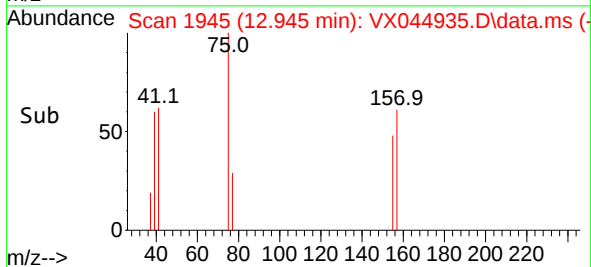
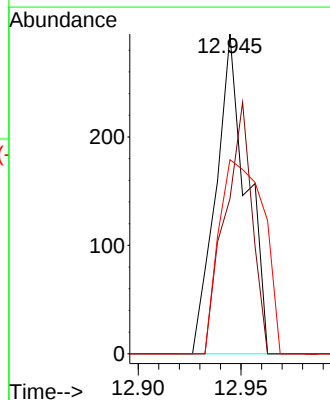
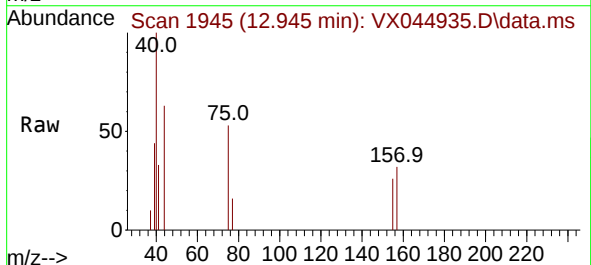
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

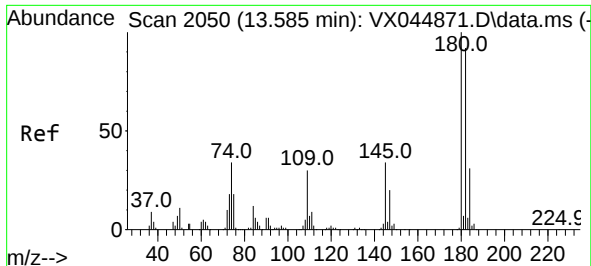
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:146 | Resp: | 2258        |
| Ion         | Ratio | Lower Upper |
| 146         | 100   |             |
| 111         | 48.8  | 21.8 65.4   |
| 148         | 67.9  | 31.9 95.9   |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.856 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 75 | Resp: | 305         |
| Ion         | Ratio | Lower Upper |
| 75          | 100   |             |
| 155         | 69.2  | 40.5 121.4  |
| 157         | 88.5  | 51.4 154.3  |

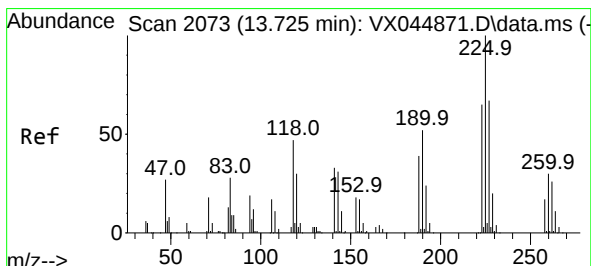
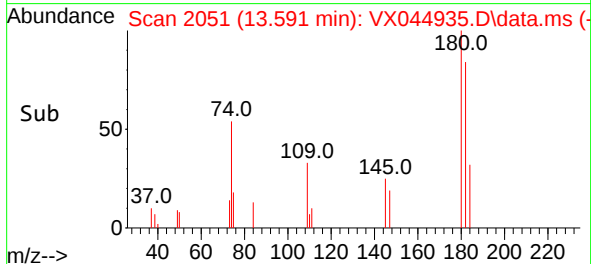
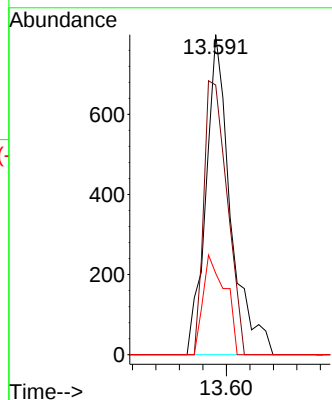
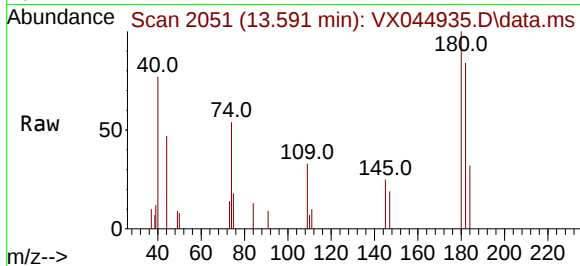




#93  
1,2,4-Trichlorobenzene  
Concen: 0.829 ug/l  
RT: 13.591 min Scan# 2050  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

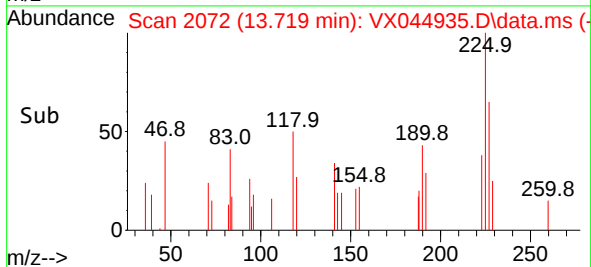
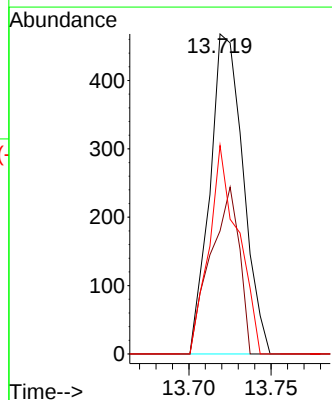
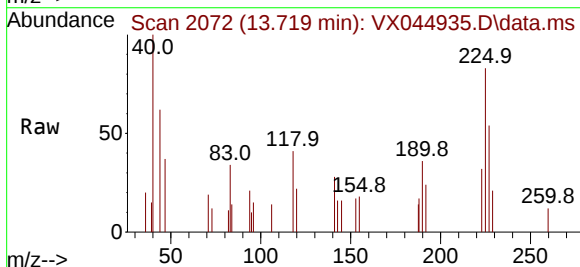
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

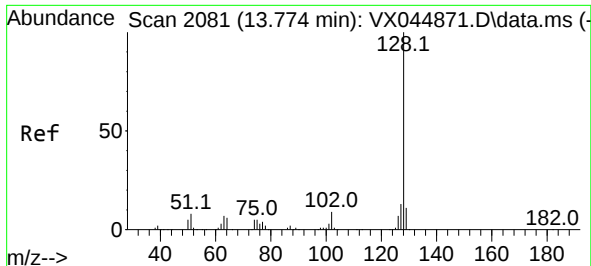
Tgt Ion:180 Resp: 1167  
Ion Ratio Lower Upper  
180 100  
182 80.7 47.6 142.8  
145 28.0 16.4 49.1



#94  
Hexachlorobutadiene  
Concen: 1.175 ug/l  
RT: 13.719 min Scan# 2072  
Delta R.T. -0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:225 Resp: 657  
Ion Ratio Lower Upper  
225 100  
223 45.2 31.4 94.2  
227 56.9 32.3 96.8

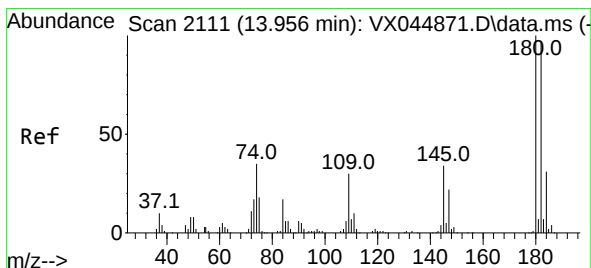
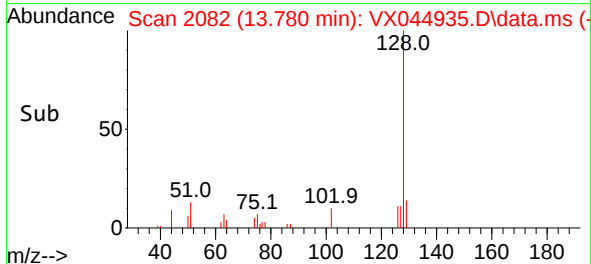
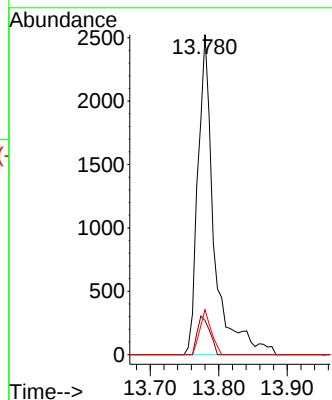
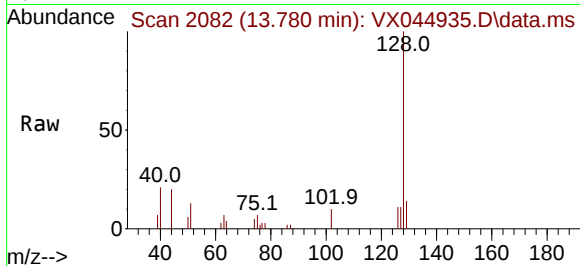




#95  
Naphthalene  
Concen: 0.819 ug/l  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2025

Tgt Ion:128 Resp: 4171  
Ion Ratio Lower Upper  
128 100  
127 9.1 10.1 15.1#  
129 9.9 8.9 13.3



#96  
1,2,3-Trichlorobenzene  
Concen: 0.900 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. 0.006 min  
Lab File: VX044935.D  
Acq: 12 Feb 2025 15:58

Tgt Ion:180 Resp: 1278  
Ion Ratio Lower Upper  
180 100  
182 98.9 47.9 143.6  
145 27.2 17.1 51.3

