

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX032823\  
 Data File : VX034775.D  
 Acq On : 28 Mar 2023 03:11  
 Operator : JC/MD  
 Sample : 01627-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 28 05:49:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------------|----------|
| -----                        |        |       |          |          |             |          |
| Internal Standards           |        |       |          |          |             |          |
| 1) Bromochloromethane        | 4.903  | 128   | 26765    | 30.000   | ug/l        | 0.00     |
| 28) 1,4-Difluorobenzene      | 6.763  | 114   | 189004   | 30.000   | ug/l        | 0.00     |
| 57) Chlorobenzene-d5         | 10.055 | 117   | 200920   | 30.000   | ug/l        | 0.00     |
| System Monitoring Compounds  |        |       |          |          |             |          |
| 27) 1,2-Dichloroethane-d4    | 5.958  | 65    | 78023    | 36.203   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 110 | Recovery | = 120.667%# |          |
| 60) 4-Bromofluorobenzene     | 11.079 | 95    | 111677   | 30.826   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 63 - 112 | Recovery | = 102.767%  |          |
| 63) Toluene-d8               | 8.647  | 98    | 208922   | 32.354   | ug/l        | 0.00     |
| Spiked Amount                | 30.000 | Range | 91 - 112 | Recovery | = 107.833%  |          |
| Target Compounds             |        |       |          |          |             |          |
|                              |        |       |          |          | Qvalue      |          |
| 2) Dichlorodifluoromethane   | 1.166  | 85    | 12053    | 5.002    | ug/l        | 98       |
| 3) Chloromethane             | 1.294  | 50    | 16407    | 5.744    | ug/l        | 99       |
| 4) Vinyl Chloride            | 1.374  | 62    | 16437    | 5.933    | ug/l        | 94       |
| 5) Bromomethane              | 1.617  | 94    | 12173    | 6.684    | ug/l        | 99       |
| 6) Chloroethane              | 1.691  | 64    | 10001    | 6.500    | ug/l #      | 87       |
| 7) Trichlorofluoromethane    | 1.886  | 101   | 26589    | 6.427    | ug/l        | 100      |
| 8) Diethyl Ether             | 2.136  | 74    | 9456     | 6.034    | ug/l        | 92       |
| 9) 1,1,2-Trichlorotrifluo... | 2.331  | 101   | 13121    | 5.468    | ug/l        | 94       |
| 10) 1,1-Dichloroethene       | 2.325  | 96    | 13158    | 5.518    | ug/l        | 96       |
| 11) Methyl Iodide            | 2.453  | 142   | 14728    | 4.217    | ug/l        | 94       |
| 12) Methyl Acetate           | 2.703  | 43    | 29685    | 6.692    | ug/l        | 99       |
| 13) Acrolein                 | 2.239  | 56    | 17413    | 33.707   | ug/l        | 98       |
| 14) Acrylonitrile            | 3.068  | 53    | 42122    | 30.367   | ug/l        | 98       |
| 15) Acetone                  | 2.392  | 58    | 11561    | 28.323   | ug/l        | 97       |
| 16) Carbon Disulfide         | 2.514  | 76    | 30627    | 5.196    | ug/l        | 98       |
| 17) Allyl chloride           | 2.666  | 41    | 24731    | 5.666    | ug/l        | 95       |
| 18) Methylene Chloride       | 2.788  | 84    | 16468    | 6.019    | ug/l        | 91       |
| 19) trans-1,2-Dichloroethene | 3.093  | 96    | 14267    | 5.551    | ug/l        | 94       |
| 20) Diisopropyl ether        | 3.757  | 45    | 53689    | 6.151    | ug/l        | 90       |
| 21) 1,1-Dichloroethane       | 3.611  | 63    | 27782    | 5.866    | ug/l        | 96       |
| 22) cis-1,2-Dichloroethene   | 4.495  | 96    | 16785    | 5.539    | ug/l        | 92       |
| 23) tert-Butyl Alcohol       | 3.007  | 59    | 15146    | 30.219   | ug/l #      | 1        |
| 24) Methyl tert-Butyl Ether  | 3.111  | 73    | 49895    | 6.101    | ug/l        | 93       |
| 25) Chloroform               | 5.092  | 83    | 28519    | 6.003    | ug/l        | 98       |
| 26) Cyclohexane              | 5.470  | 56    | 25803    | 6.123    | ug/l #      | 92       |
| 29) 1,1-Dichloropropene      | 5.696  | 75    | 20647    | 5.580    | ug/l        | 97       |
| 30) 2-Butanone               | 4.568  | 43    | 59946    | 28.810   | ug/l #      | 97       |
| 31) 2,2-Dichloropropane      | 4.471  | 77    | 18175    | 5.062    | ug/l #      | 80       |
| 32) 1,1,1-Trichloroethane    | 5.385  | 97    | 23250    | 5.416    | ug/l        | 96       |
| 33) Carbon Tetrachloride     | 5.678  | 117   | 18846    | 5.029    | ug/l        | 97       |
| 34) Benzene                  | 6.037  | 78    | 61814    | 5.607    | ug/l #      | 93       |
| 35) Methacrylonitrile        | 4.928  | 41    | 12512    | 5.539    | ug/l        | 92       |
| 36) 1,2-Dichloroethane       | 6.092  | 62    | 23827    | 5.977    | ug/l        | 95       |
| 37) Trichloroethene          | 7.123  | 130   | 15232    | 5.038    | ug/l        | 85       |
| 38) Methylcyclohexane        | 7.385  | 83    | 22509    | 5.152    | ug/l        | 98       |
| 39) 1,2-Dichloropropane      | 7.433  | 63    | 15312    | 5.550    | ug/l        | 95       |
| 40) Dibromomethane           | 7.586  | 93    | 10482    | 5.381    | ug/l        | 90       |
| 41) Bromodichloromethane     | 7.824  | 83    | 18358    | 5.003    | ug/l        | 100      |
| 42) Vinyl Acetate            | 3.721  | 43    | 181302   | 26.045   | ug/l        | 98       |

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 Operator : JC/MD  
 Sample : 01627-08  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 28 05:49:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration

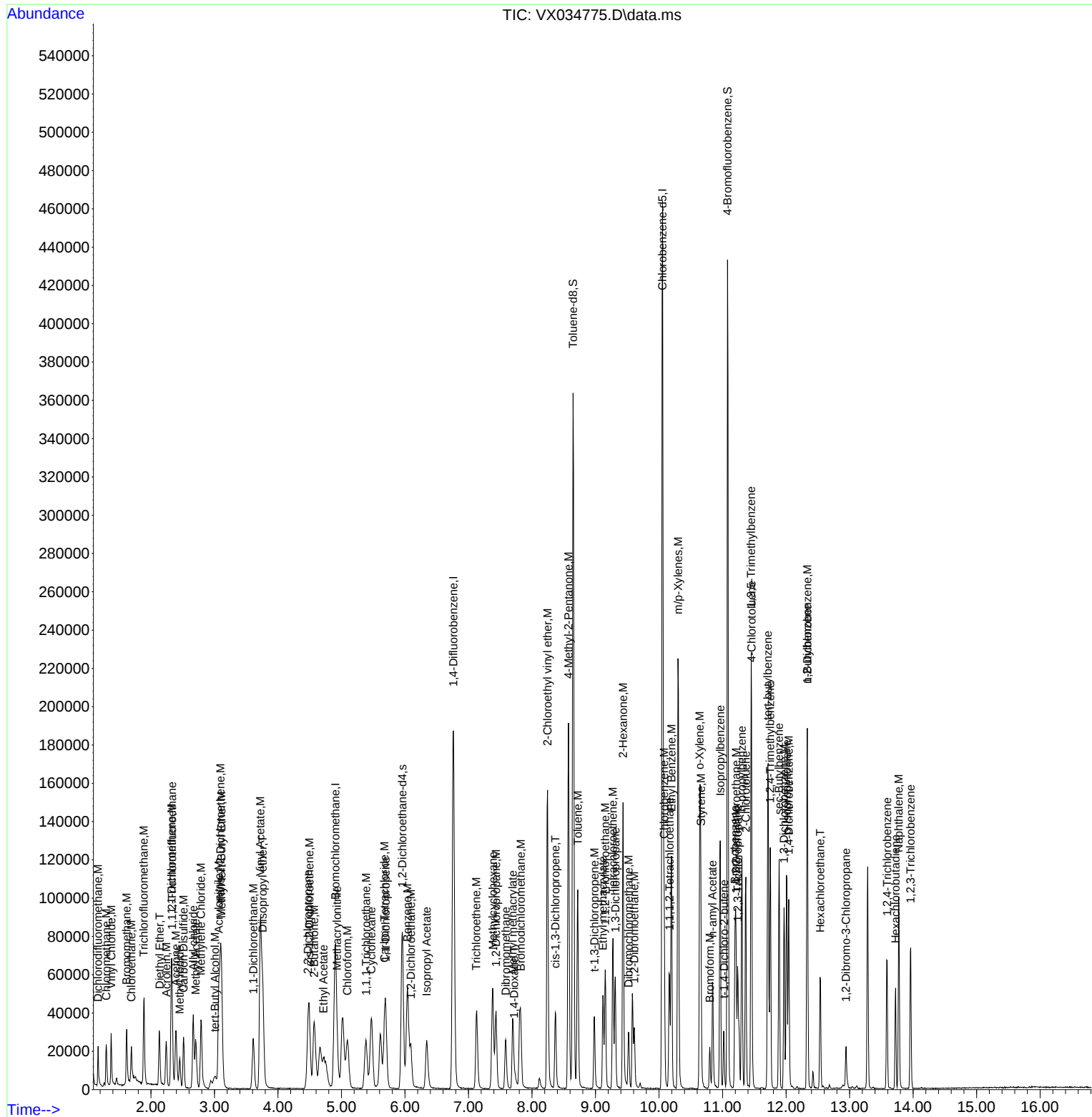
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 43) Ethyl Acetate             | 4.714  | 43   | 24249    | 5.926   | ug/l # | 92       |
| 44) Isopropyl Acetate         | 6.342  | 43   | 36457    | 5.752   | ug/l   | 99       |
| 45) 1,4-Dioxane               | 7.720  | 88   | 8378     | 128.430 | ug/l # | 64       |
| 46) Methyl methacrylate       | 7.696  | 41   | 17643    | 5.575   | ug/l   | 90       |
| 47) n-amyl Acetate            | 10.841 | 43   | 26548    | 4.916   | ug/l   | 97       |
| 48) t-1,3-Dichloropropene     | 8.982  | 75   | 17841    | 4.544   | ug/l   | 97       |
| 49) cis-1,3-Dichloropropene   | 8.366  | 75   | 20561    | 4.684   | ug/l   | 96       |
| 50) 1,1,2-Trichloroethane     | 9.153  | 97   | 15351    | 5.363   | ug/l   | 96       |
| 51) Ethyl methacrylate        | 9.116  | 69   | 22624    | 5.219   | ug/l   | 97       |
| 52) 1,3-Dichloropropane       | 9.311  | 76   | 27034    | 5.526   | ug/l   | 100      |
| 53) Dibromochloromethane      | 9.518  | 129  | 12233    | 4.009   | ug/l   | 97       |
| 54) 1,2-Dibromoethane         | 9.610  | 107  | 14988    | 4.857   | ug/l   | 98       |
| 55) 2-Chloroethyl vinyl ether | 8.244  | 63   | 60409    | 28.777  | ug/l   | 98       |
| 56) Bromoform                 | 10.799 | 173  | 7362     | 3.234   | ug/l # | 97       |
| 58) 4-Methyl-2-Pentanone      | 8.573  | 43   | 114368   | 30.259  | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 84024    | 29.626  | ug/l   | 100      |
| 61) Tetrachloroethene         | 9.275  | 164  | 14000    | 5.307   | ug/l   | 91       |
| 62) Toluene                   | 8.720  | 91   | 65647    | 5.769   | ug/l   | 99       |
| 64) Chlorobenzene             | 10.079 | 112  | 39561    | 5.285   | ug/l   | 97       |
| 65) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 12812    | 4.649   | ug/l   | 99       |
| 66) Ethyl Benzene             | 10.195 | 91   | 71917    | 5.559   | ug/l   | 95       |
| 67) m/p-Xylenes               | 10.299 | 106  | 51969    | 10.279  | ug/l   | 92       |
| 68) o-Xylene                  | 10.640 | 106  | 26452    | 5.247   | ug/l   | 91       |
| 69) Styrene                   | 10.658 | 104  | 40681    | 4.931   | ug/l   | 96       |
| 70) Isopropylbenzene          | 10.963 | 105  | 67306    | 5.219   | ug/l   | 95       |
| 71) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 21903    | 5.459   | ug/l   | 99       |
| 72) 1,2,3-Trichloropropane    | 11.238 | 75   | 23091    | 6.336   | ug/l   | 87       |
| 73) Bromobenzene              | 11.195 | 156  | 15939    | 4.661   | ug/l   | 79       |
| 74) n-propylbenzene           | 11.305 | 91   | 75141    | 5.112   | ug/l   | 97       |
| 75) 2-Chlorotoluene           | 11.366 | 91   | 49501    | 5.602   | ug/l   | 92       |
| 76) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 55204    | 5.168   | ug/l   | 97       |
| 77) t-1,4-Dichloro-2-butene   | 11.024 | 75   | 3802     | 3.465   | ug/l   | 84       |
| 78) 4-Chlorotoluene           | 11.457 | 91   | 54061    | 5.429   | ug/l   | 93       |
| 79) tert-butylbenzene         | 11.713 | 119  | 52756    | 4.891   | ug/l   | 92       |
| 80) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 53106    | 5.006   | ug/l   | 100      |
| 81) sec-Butylbenzene          | 11.890 | 105  | 62834    | 4.795   | ug/l   | 95       |
| 82) p-Isopropyltoluene        | 12.012 | 119  | 50933    | 4.525   | ug/l   | 96       |
| 83) 1,3-Dichlorobenzene       | 11.969 | 146  | 29926    | 4.801   | ug/l   | 95       |
| 84) 1,4-Dichlorobenzene       | 12.042 | 146  | 30521    | 4.886   | ug/l   | 96       |
| 85) n-Butylbenzene            | 12.335 | 91   | 41035    | 4.431   | ug/l   | 96       |
| 86) Hexachloroethane          | 12.536 | 117  | 6737     | 3.793   | ug/l   | 75       |
| 87) 1,2-Dichlorobenzene       | 12.335 | 146  | 28984    | 4.811   | ug/l   | 93       |
| 88) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 3407     | 4.192   | ug/l # | 79       |
| 89) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 15894    | 3.903   | ug/l   | 97       |
| 90) Hexachlorobutadiene       | 13.725 | 225  | 6077     | 3.276   | ug/l   | 97       |
| 91) Naphthalene               | 13.774 | 128  | 59159    | 4.749   | ug/l   | 99       |
| 92) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 17122    | 4.263   | ug/l   | 98       |

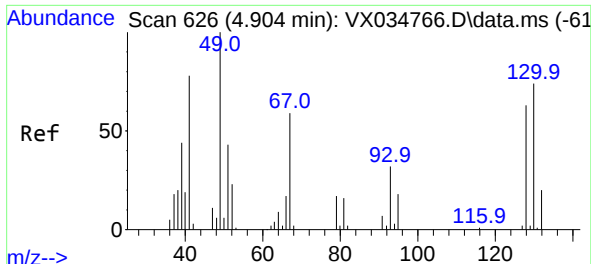
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 ALS Vial : 47 Sample Multiplier: 1

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 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

Quant Time: Mar 28 05:49:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\624X032823W.M  
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS  
 QLast Update : Tue Mar 28 05:37:20 2023  
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.903 min Scan# 61

Delta R.T. -0.001 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

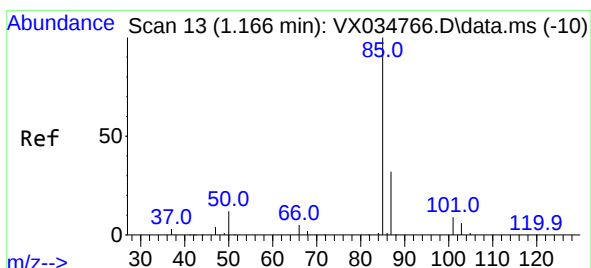
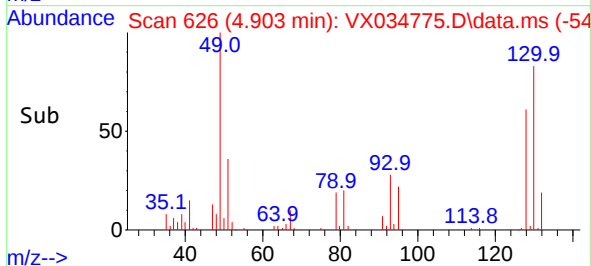
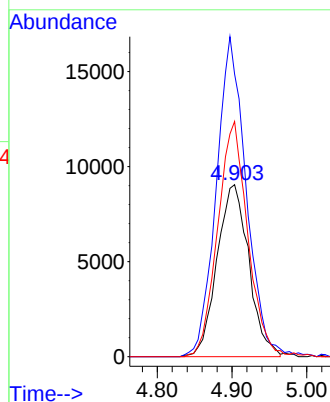
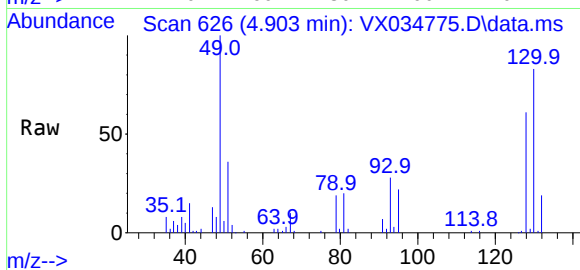
Tgt Ion:128 Resp: 26765

Ion Ratio Lower Upper

128 100

49 174.9 0.0 369.0

130 129.3 0.0 327.5



#2

Dichlorodifluoromethane

Concen: 5.002 ug/l

RT: 1.166 min Scan# 13

Delta R.T. -0.000 min

Lab File: VX034775.D

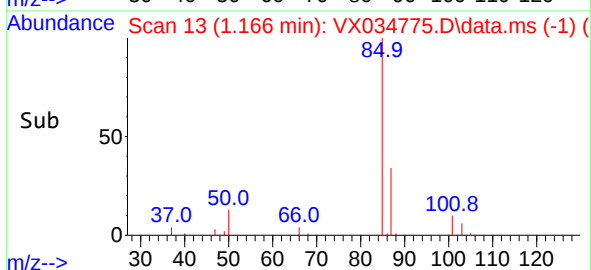
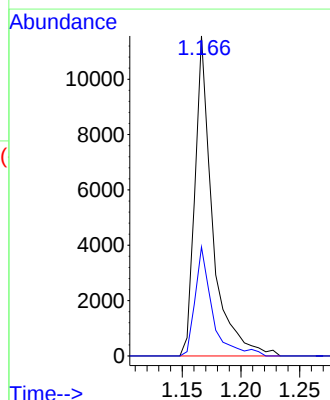
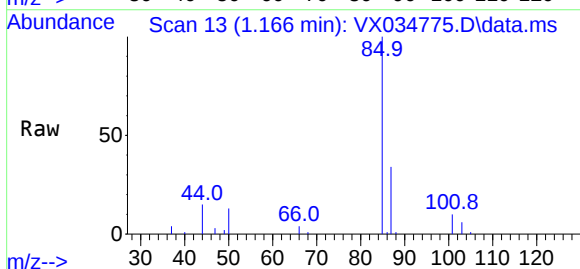
Acq: 28 Mar 2023 03:11

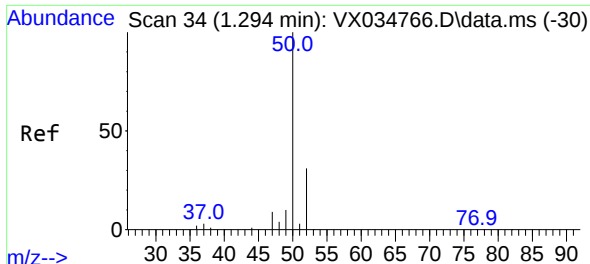
Tgt Ion: 85 Resp: 12053

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.1

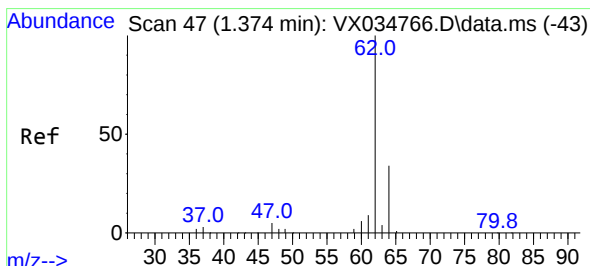
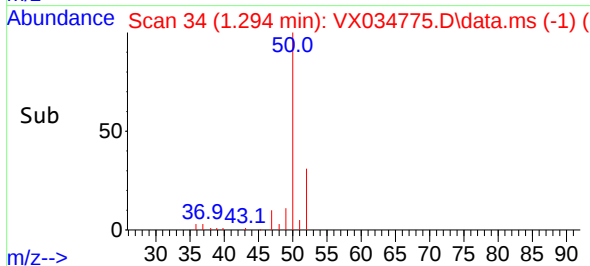
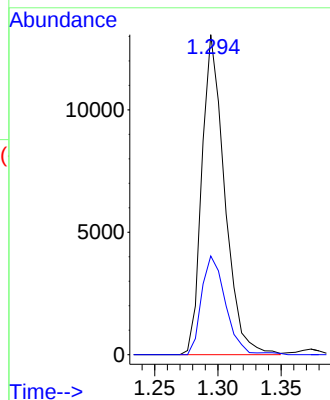
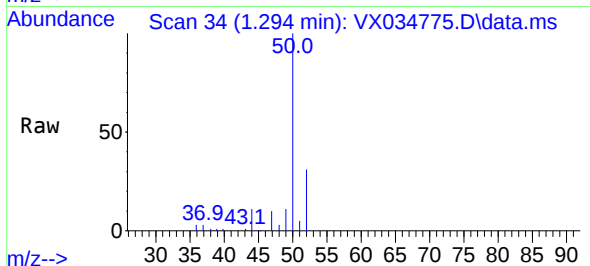




#3  
Chloromethane  
Concen: 5.744 ug/l  
RT: 1.294 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

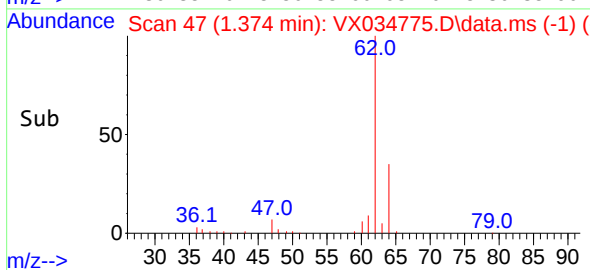
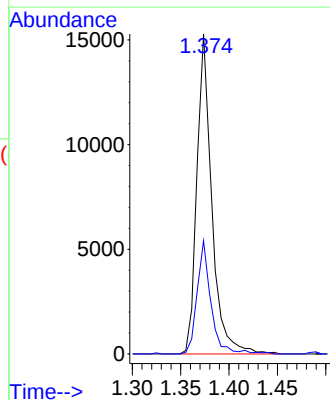
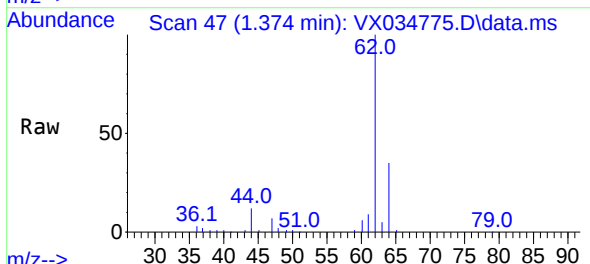
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 50 Resp: 16407  
Ion Ratio Lower Upper  
50 100  
52 30.9 25.1 37.7

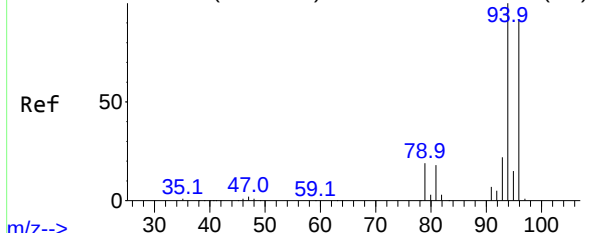


#4  
Vinyl Chloride  
Concen: 5.933 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 62 Resp: 16437  
Ion Ratio Lower Upper  
62 100  
64 35.4 25.4 38.2



Abundance Scan 87 (1.618 min): VX034766.D\data.ms (-82)



#5

Bromomethane

Concen: 6.684 ug/l

RT: 1.617 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

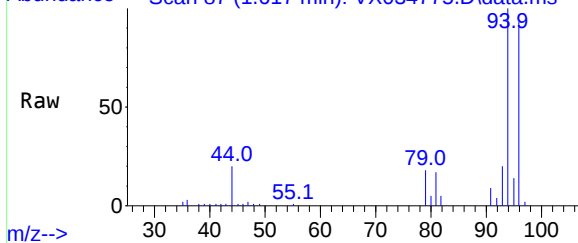
Tgt Ion: 94 Resp: 12173

Ion Ratio Lower Upper

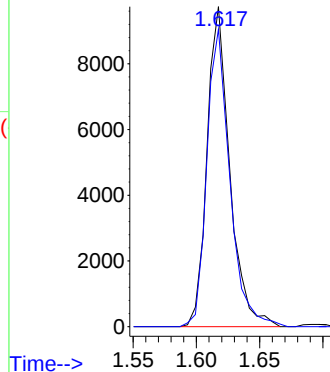
94 100

96 92.9 74.8 112.2

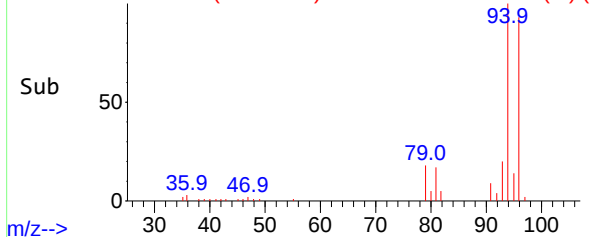
Abundance Scan 87 (1.617 min): VX034775.D\data.ms



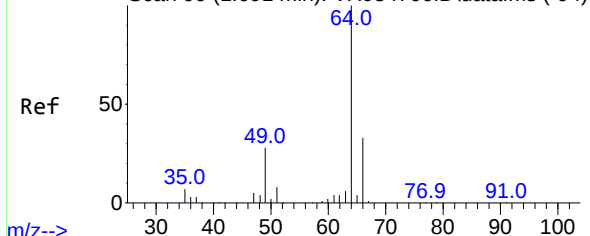
Abundance



Abundance Scan 87 (1.617 min): VX034775.D\data.ms (-5)



Abundance Scan 99 (1.691 min): VX034766.D\data.ms (-94)



#6

Chloroethane

Concen: 6.500 ug/l

RT: 1.691 min Scan# 99

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

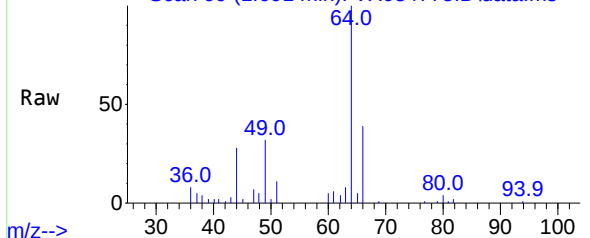
Tgt Ion: 64 Resp: 10001

Ion Ratio Lower Upper

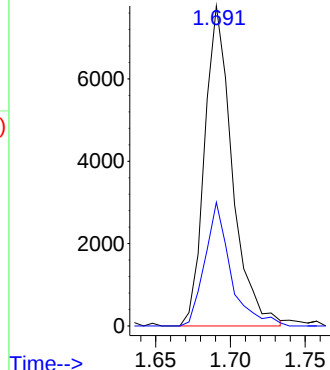
64 100

66 38.6 25.4 38.0#

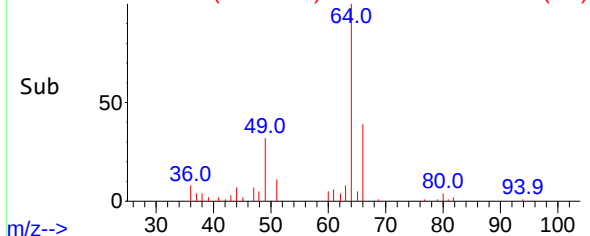
Abundance Scan 99 (1.691 min): VX034775.D\data.ms

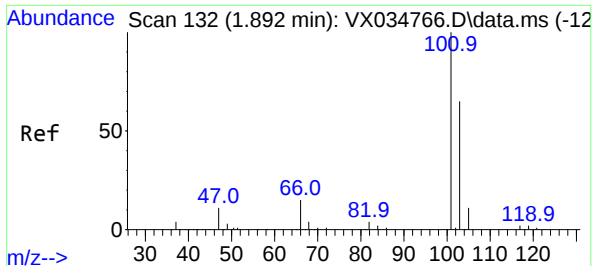


Abundance



Abundance Scan 99 (1.691 min): VX034775.D\data.ms (-17)

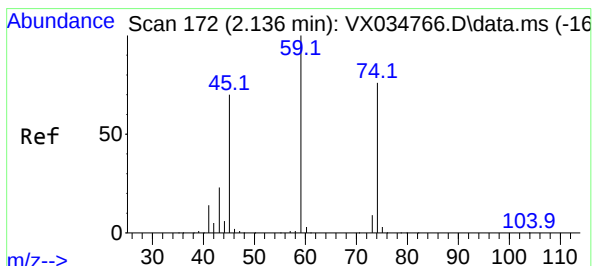
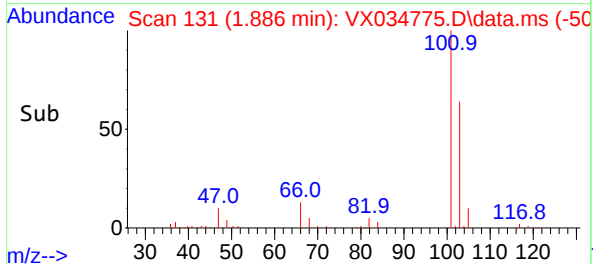
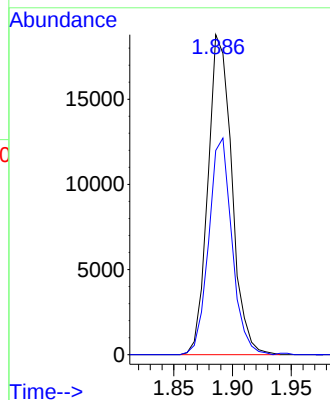
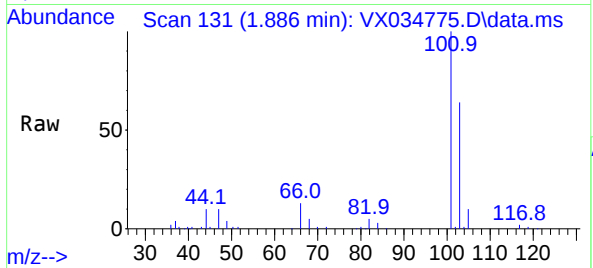




#7  
Trichlorofluoromethane  
Concen: 6.427 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

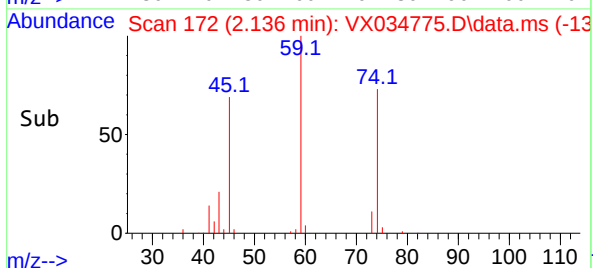
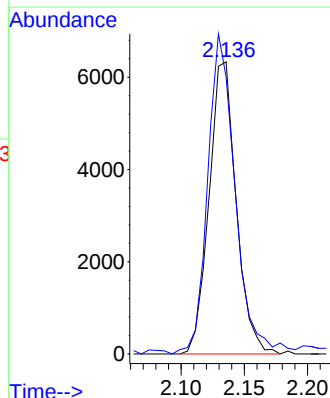
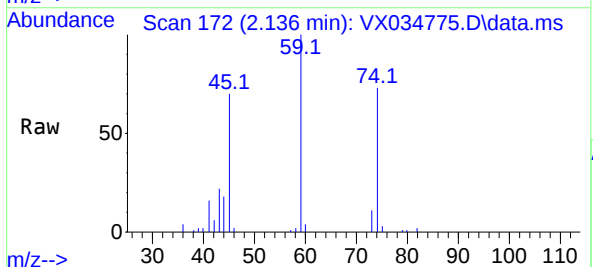
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

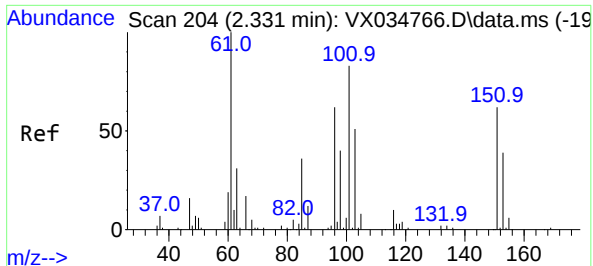
Tgt Ion:101 Resp: 26589  
Ion Ratio Lower Upper  
101 100  
103 63.8 51.4 77.0



#8  
Diethyl Ether  
Concen: 6.034 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 74 Resp: 9456  
Ion Ratio Lower Upper  
74 100  
45 109.1 20.2 182.0

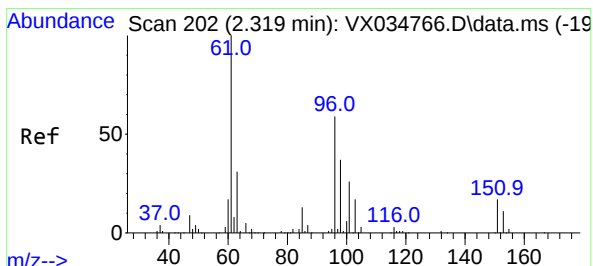
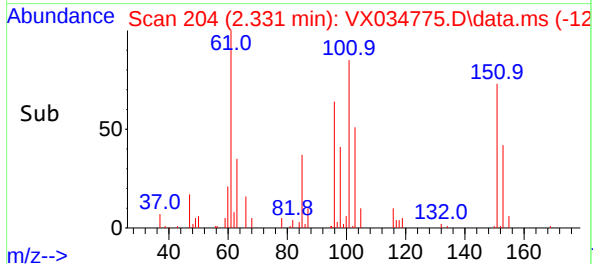
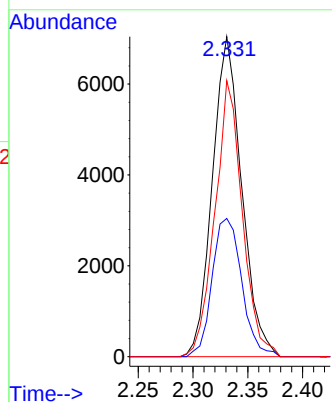
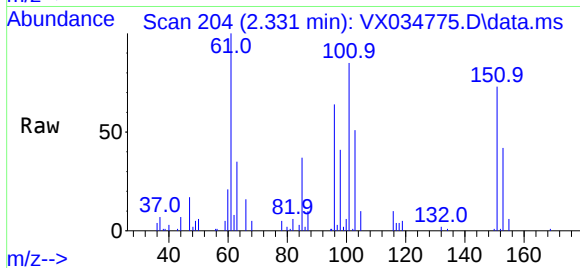




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 5.468 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

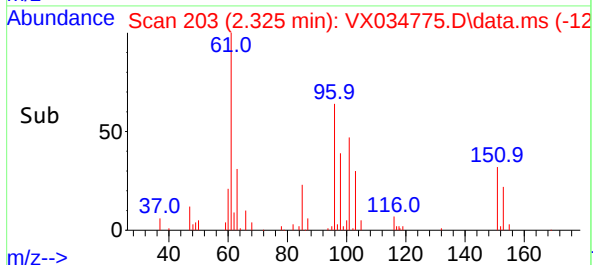
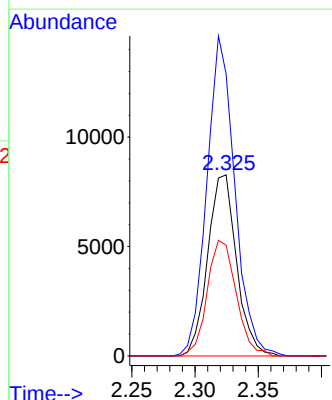
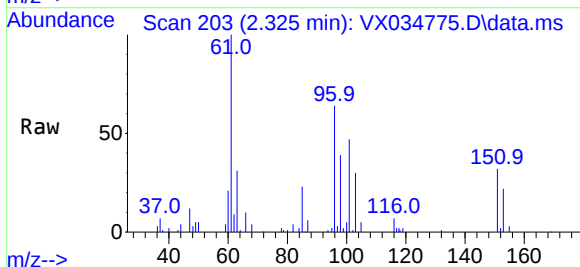
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

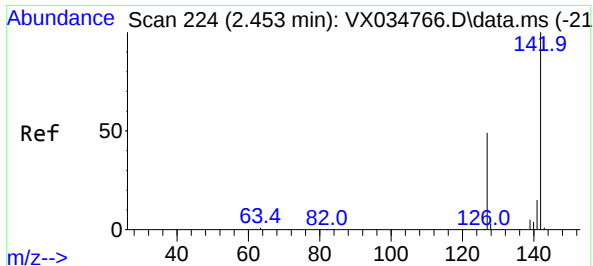
Tgt Ion:101 Resp: 13121  
Ion Ratio Lower Upper  
101 100  
85 43.6 0.0 83.0  
151 80.4 0.0 174.6



#10  
1,1-Dichloroethene  
Concen: 5.518 ug/l  
RT: 2.325 min Scan# 203  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 96 Resp: 13158  
Ion Ratio Lower Upper  
96 100  
61 154.6 127.5 191.3  
98 61.1 51.1 76.7

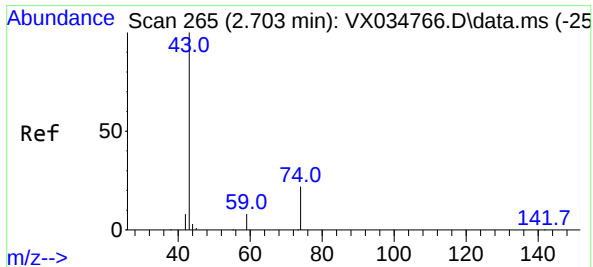
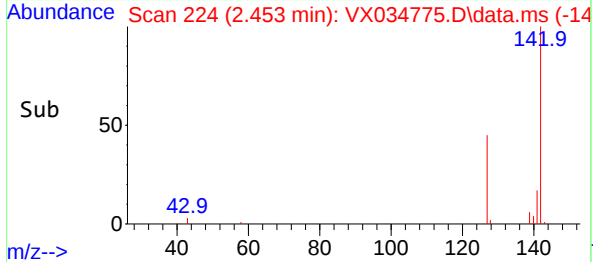
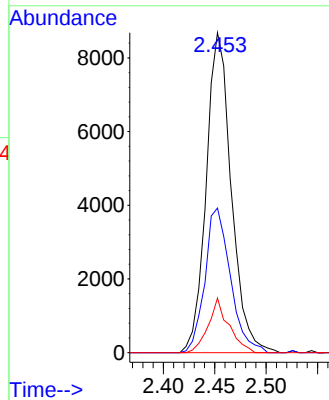
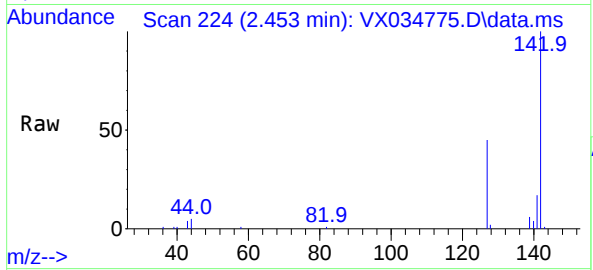




#11  
Methyl Iodide  
Concen: 4.217 ug/l  
RT: 2.453 min Scan# 211  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

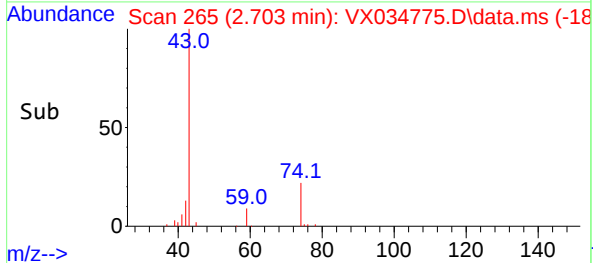
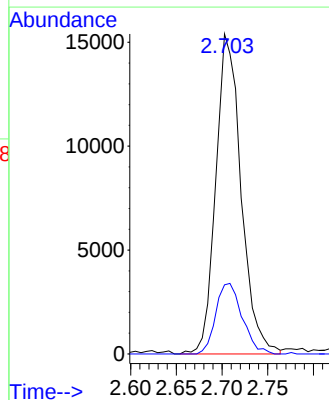
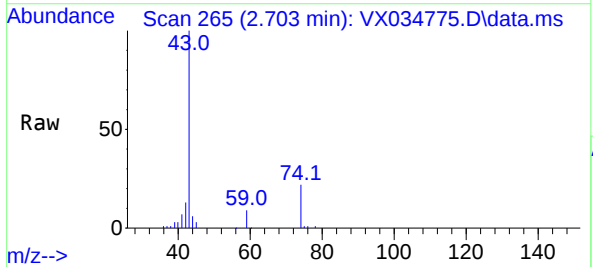
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

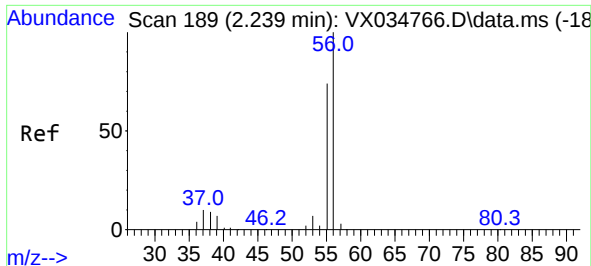
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 142   | Resp: | 14728 |
| Ion      | Ratio | Lower | Upper |
| 142      | 100   |       |       |
| 127      | 45.2  | 20.7  | 62.1  |
| 141      | 17.1  | 7.0   | 21.0  |



#12  
Methyl Acetate  
Concen: 6.692 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 29685 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 74       | 21.7  | 17.6  | 26.4  |

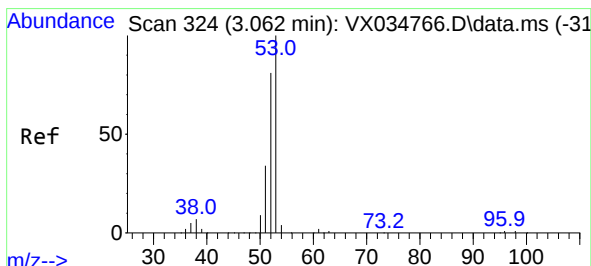
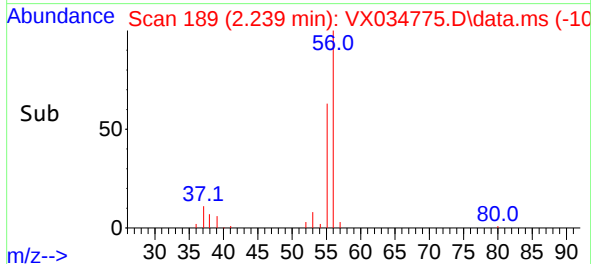
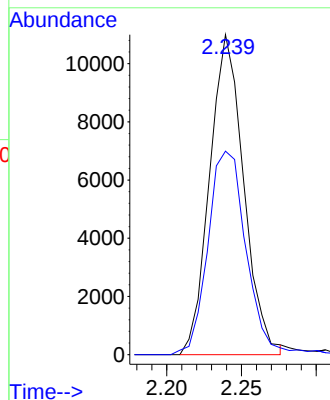
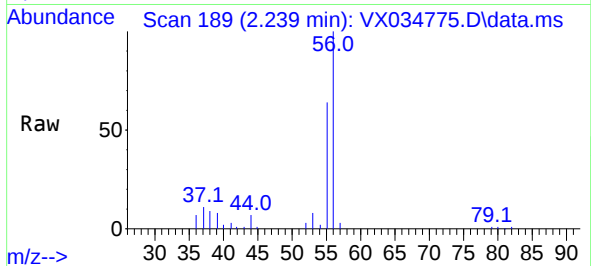




#13  
Acrolein  
Concen: 33.707 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

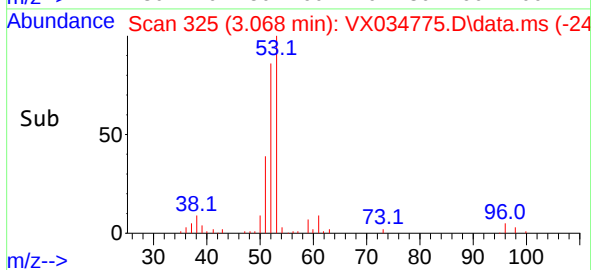
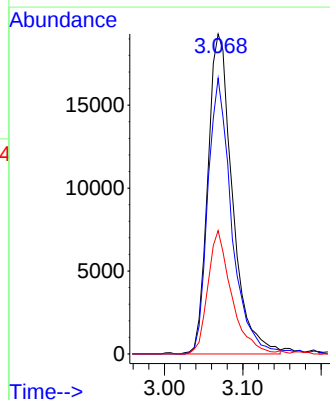
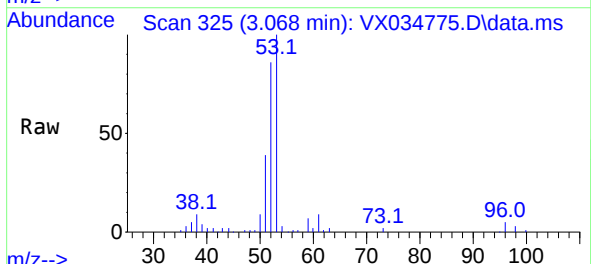
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

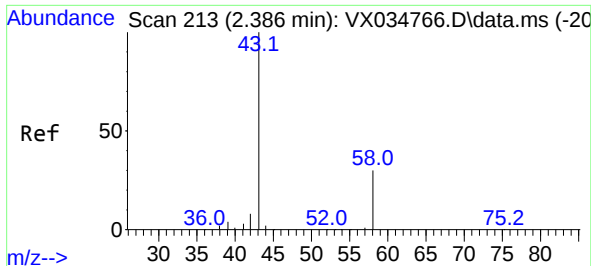
Tgt Ion: 56 Resp: 17413  
Ion Ratio Lower Upper  
56 100  
55 71.7 58.8 88.2



#14  
Acrylonitrile  
Concen: 30.367 ug/l  
RT: 3.068 min Scan# 325  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 53 Resp: 42122  
Ion Ratio Lower Upper  
53 100  
52 83.4 41.0 123.2  
51 37.1 17.6 52.8

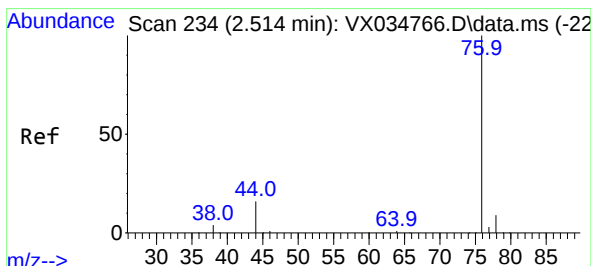
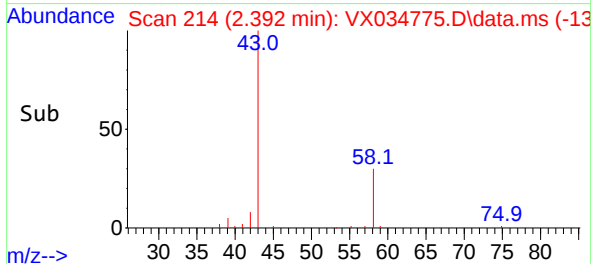
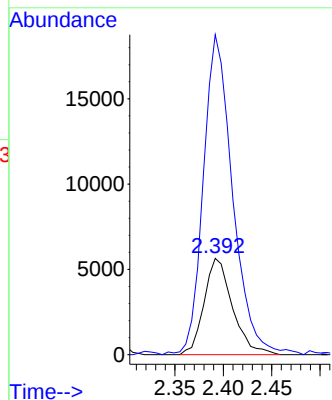
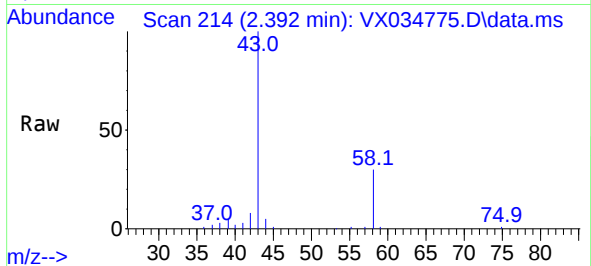




#15  
Acetone  
Concen: 28.323 ug/l  
RT: 2.392 min Scan# 213  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

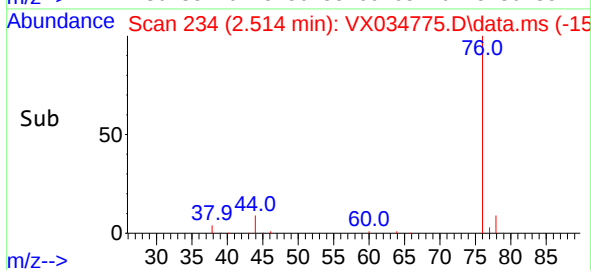
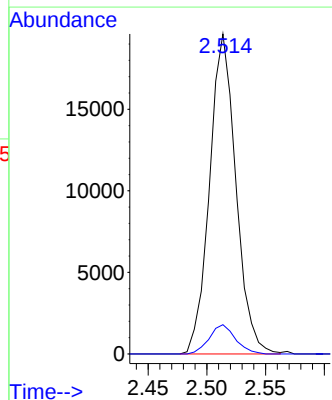
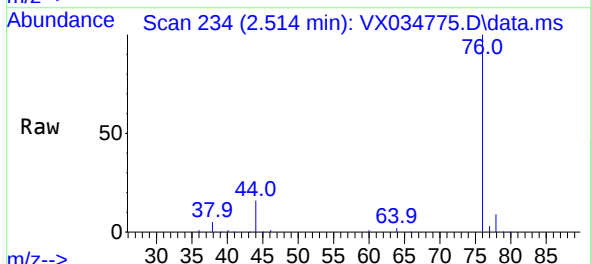
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

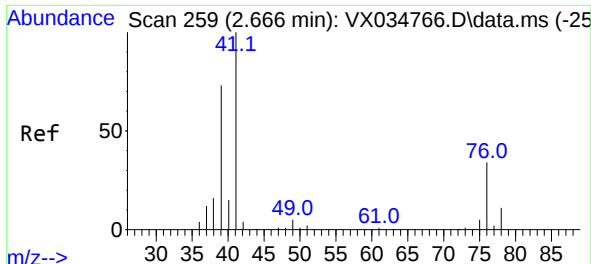
Tgt Ion: 58 Resp: 11561  
Ion Ratio Lower Upper  
58 100  
43 329.0 258.6 388.0



#16  
Carbon Disulfide  
Concen: 5.196 ug/l  
RT: 2.514 min Scan# 234  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 76 Resp: 30627  
Ion Ratio Lower Upper  
76 100  
78 9.2 6.9 10.3





#17

Allyl chloride

Concen: 5.666 ug/l

RT: 2.666 min Scan# 259

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

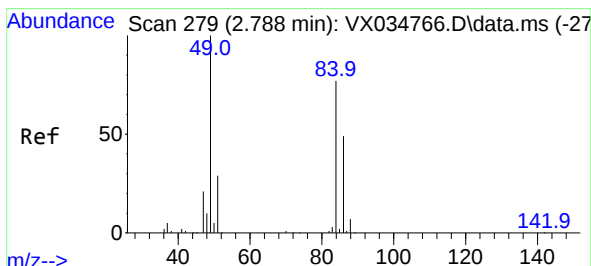
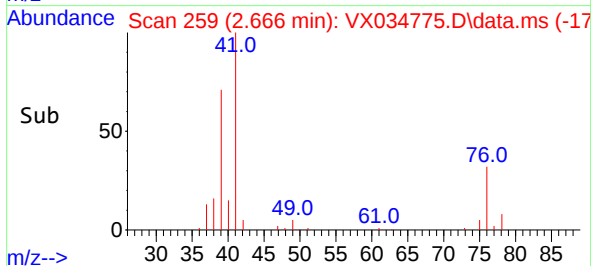
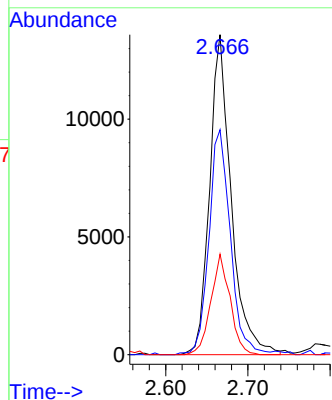
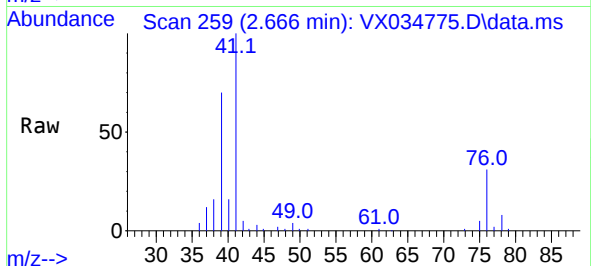
Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 24731 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 69.8  | 32.5  | 97.4  |
| 76       | 31.4  | 16.6  | 49.8  |



#18

Methylene Chloride

Concen: 6.019 ug/l

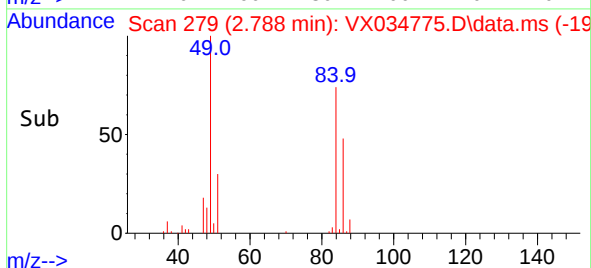
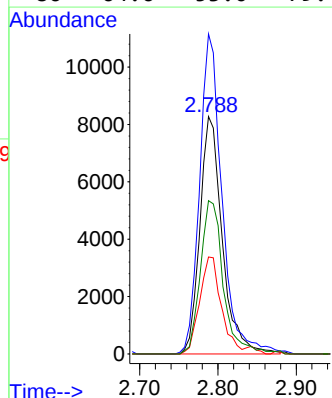
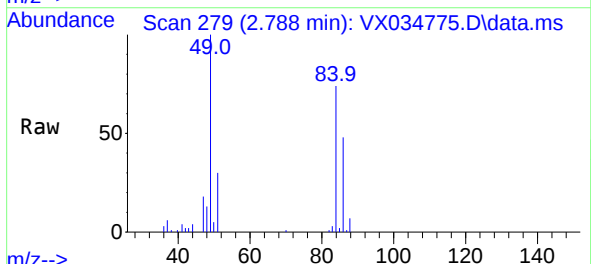
RT: 2.788 min Scan# 279

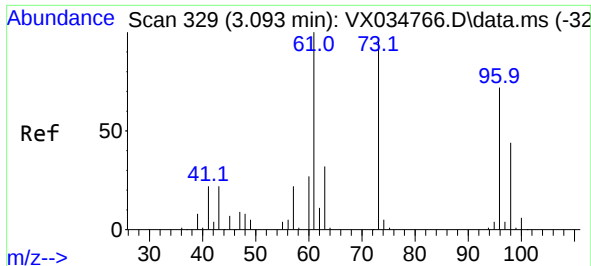
Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 16468 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 134.1 | 95.0  | 142.6 |
| 51       | 40.8  | 30.3  | 45.5  |
| 86       | 64.6  | 53.0  | 79.4  |

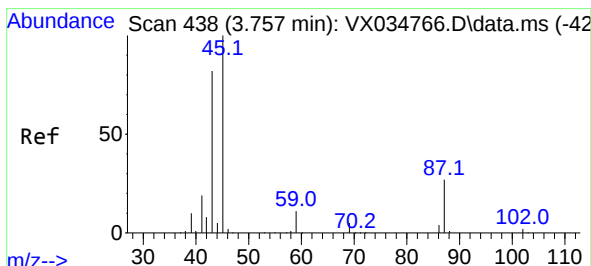
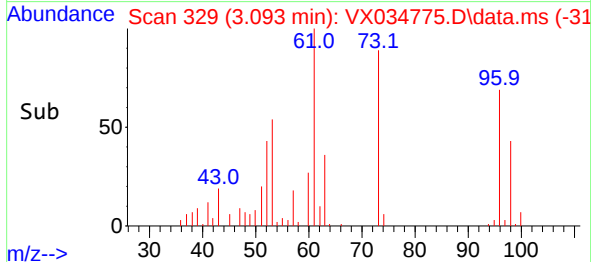
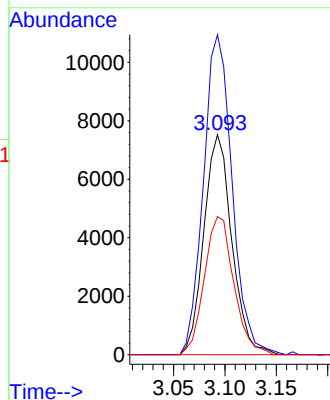
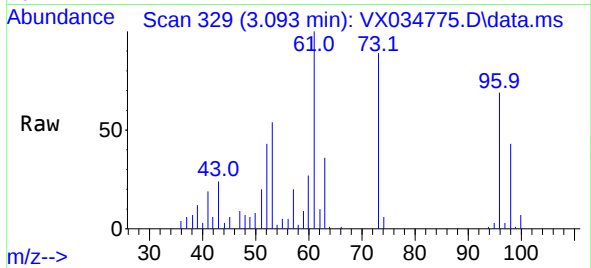




#19  
trans-1,2-Dichloroethene  
Concen: 5.551 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

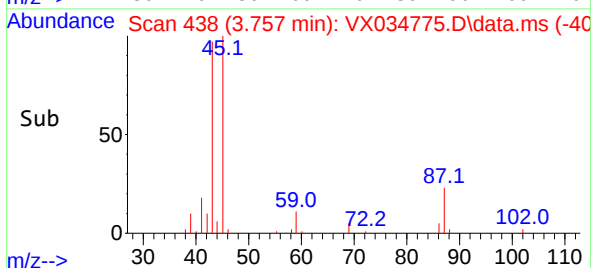
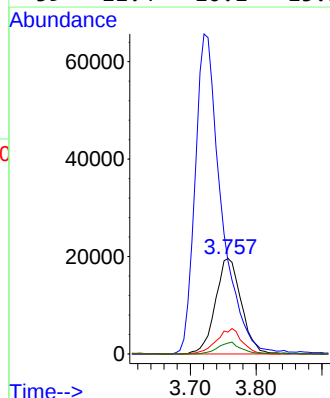
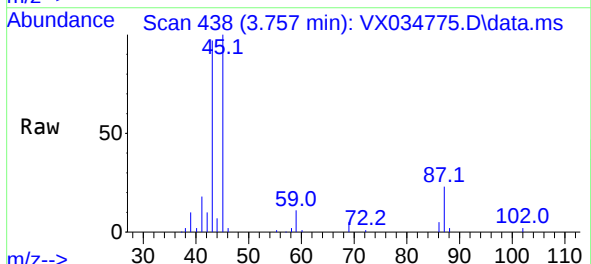
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

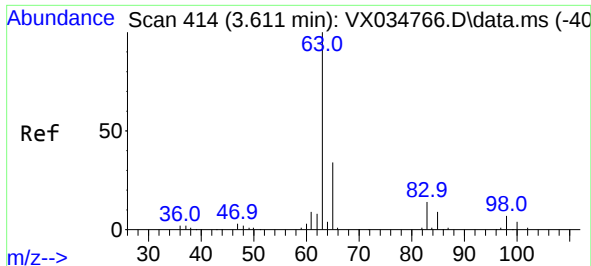
Tgt Ion: 96 Resp: 14267  
Ion Ratio Lower Upper  
96 100  
61 145.4 107.7 161.5  
98 62.7 49.8 74.6



#20  
Diisopropyl ether  
Concen: 6.151 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 45 Resp: 53689  
Ion Ratio Lower Upper  
45 100  
43 94.0 66.6 99.8  
87 22.9 22.3 33.5  
59 11.4 10.1 15.1

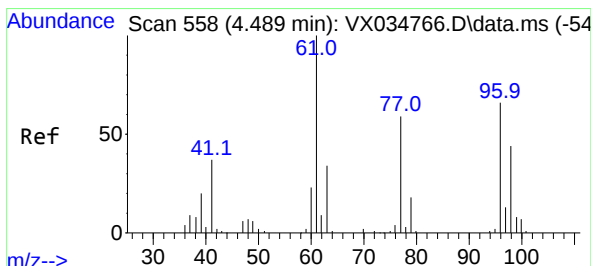
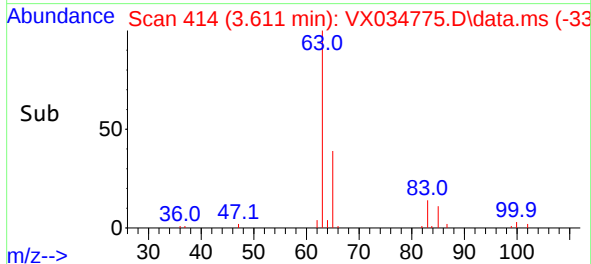
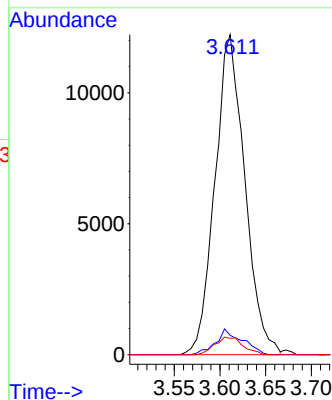
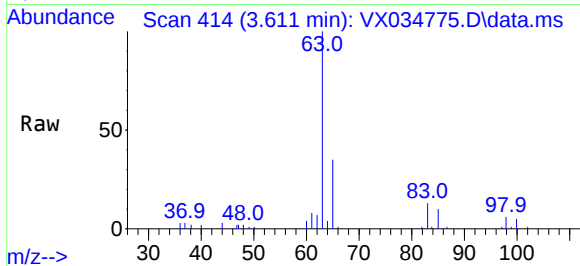




#21  
1,1-Dichloroethane  
Concen: 5.866 ug/l  
RT: 3.611 min Scan# 414  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

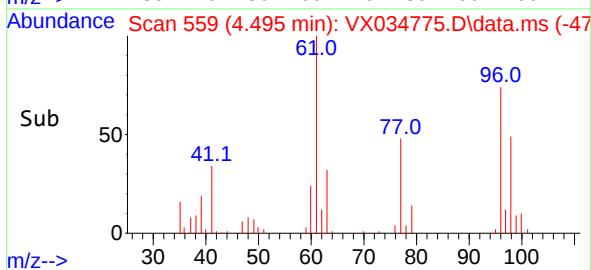
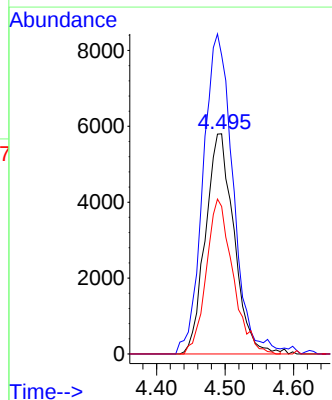
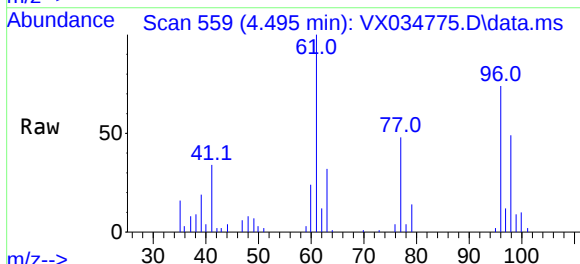
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

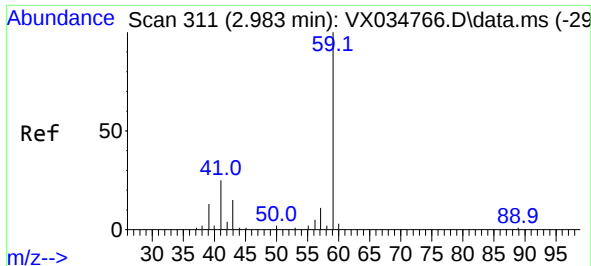
Tgt Ion: 63 Resp: 27782  
Ion Ratio Lower Upper  
63 100  
98 6.0 4.0 12.2  
100 5.1 2.3 6.9



#22  
cis-1,2-Dichloroethene  
Concen: 5.539 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 96 Resp: 16785  
Ion Ratio Lower Upper  
96 100  
61 150.4 109.0 163.6  
98 65.7 51.7 77.5

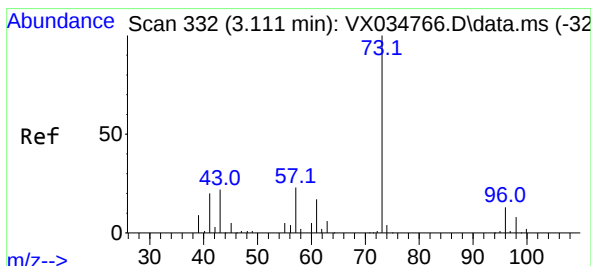
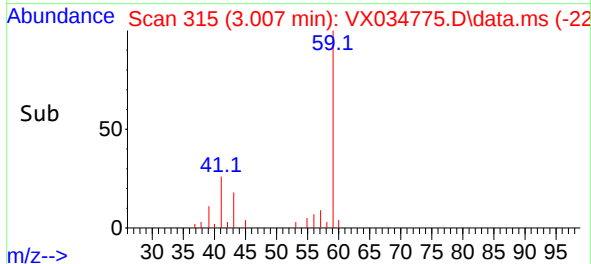
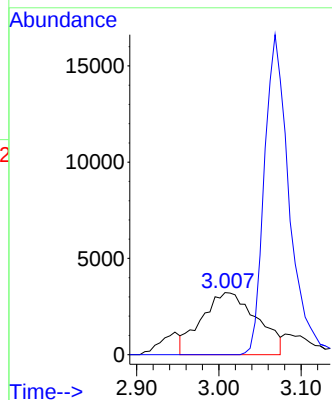
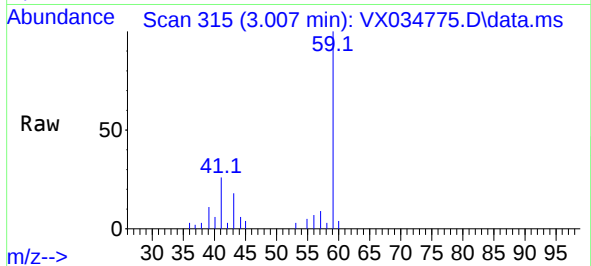




#23  
tert-Butyl Alcohol  
Concen: 30.219 ug/l  
RT: 3.007 min Scan# 311  
Delta R.T. 0.024 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

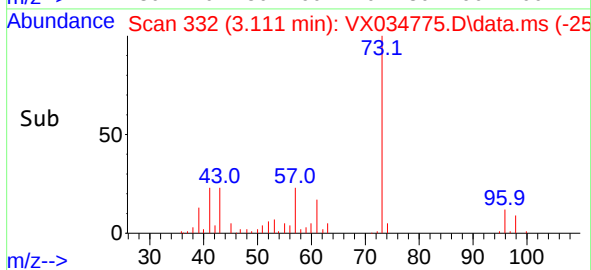
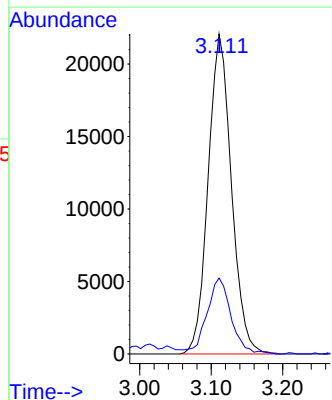
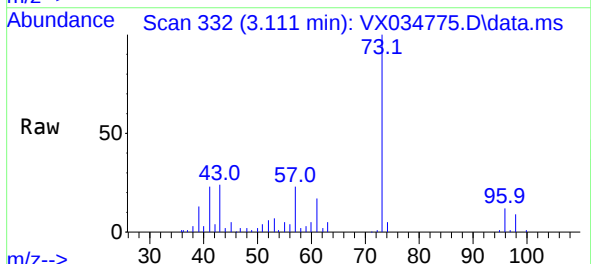
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

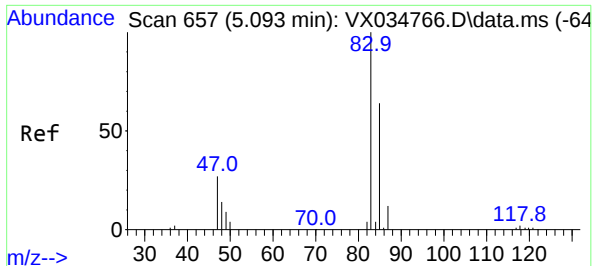
Tgt Ion: 59 Resp: 15146  
Ion Ratio Lower Upper  
59 100  
52 0.0 186.7 280.1#



#24  
Methyl tert-Butyl Ether  
Concen: 6.101 ug/l  
RT: 3.111 min Scan# 332  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 73 Resp: 49895  
Ion Ratio Lower Upper  
73 100  
43 24.2 16.9 25.3





#25

Chloroform

Concen: 6.003 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

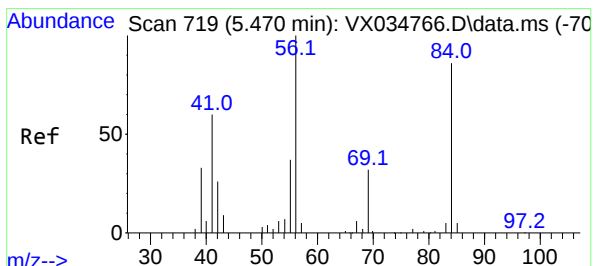
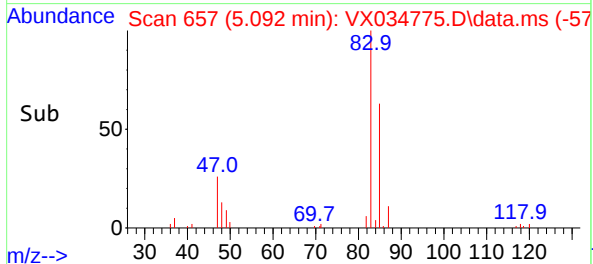
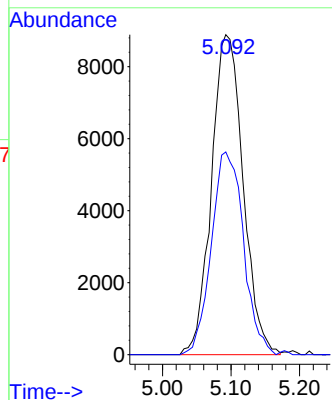
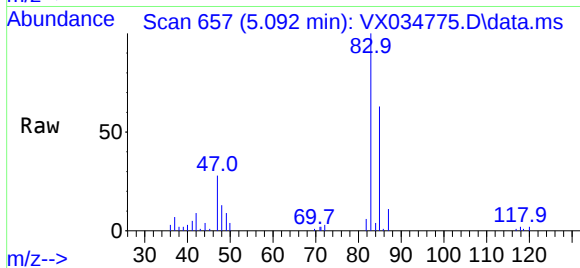
LOQ-WATER-02-QT1-2023

Tgt Ion: 83 Resp: 28519

Ion Ratio Lower Upper

83 100

85 63.4 49.7 74.5



#26

Cyclohexane

Concen: 6.123 ug/l

RT: 5.470 min Scan# 719

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

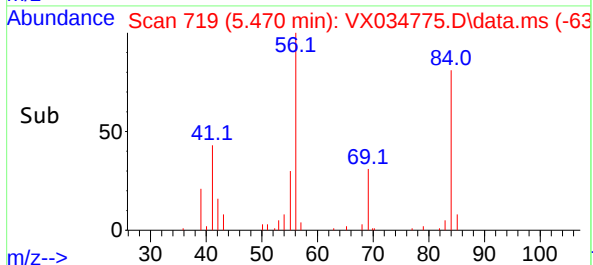
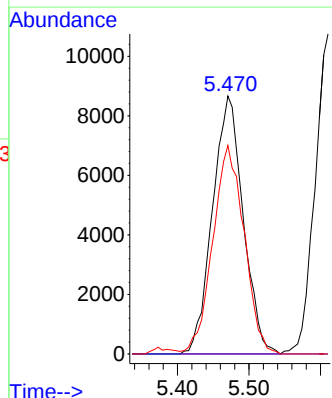
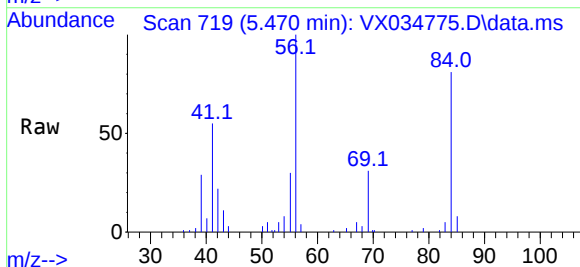
Tgt Ion: 56 Resp: 25803

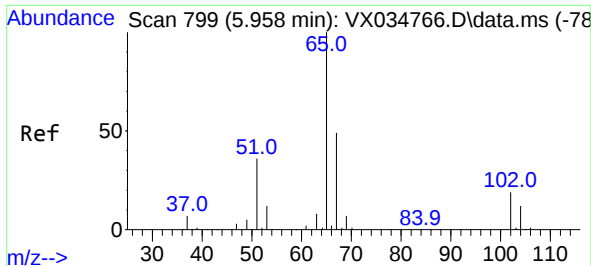
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 82.6 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 36.203 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

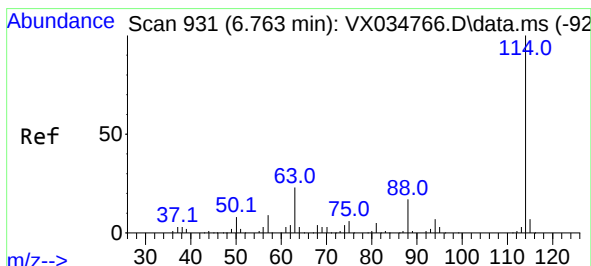
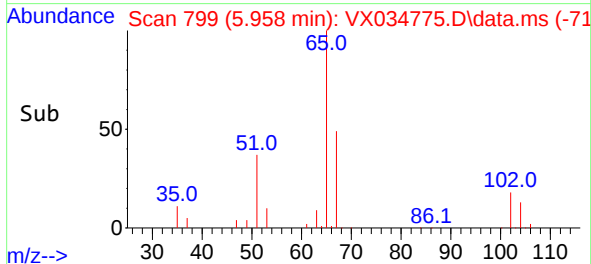
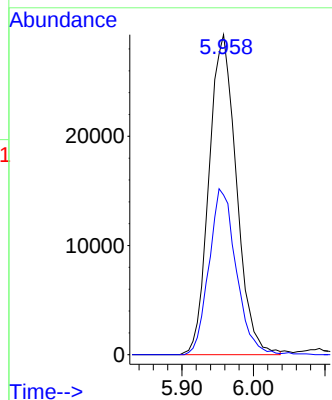
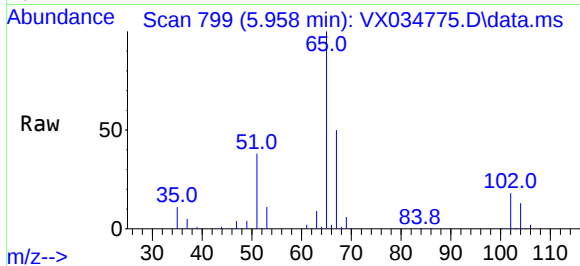
LOQ-WATER-02-QT1-2023

Tgt Ion: 65 Resp: 78023

Ion Ratio Lower Upper

65 100

67 51.3 43.0 64.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

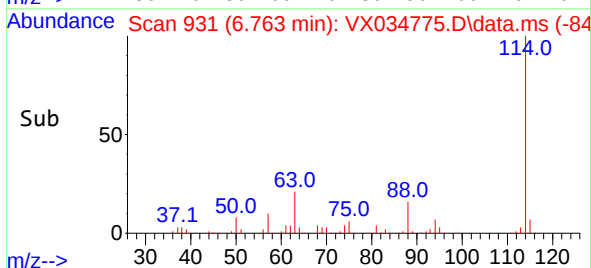
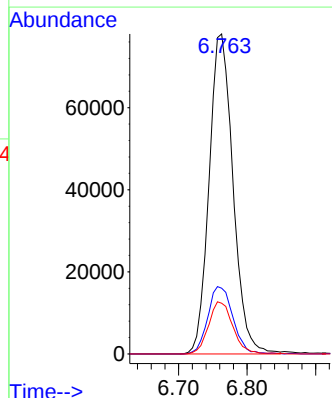
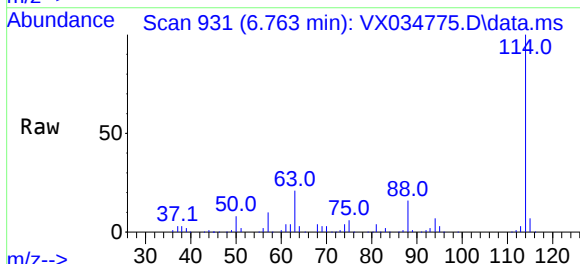
Tgt Ion: 114 Resp: 189004

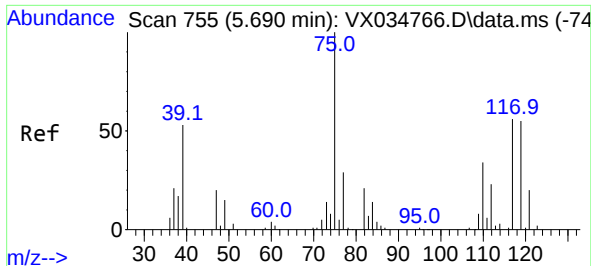
Ion Ratio Lower Upper

114 100

63 22.0 15.2 22.8

88 16.5 12.4 18.6





#29

1,1-Dichloropropene

Concen: 5.580 ug/l

RT: 5.696 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

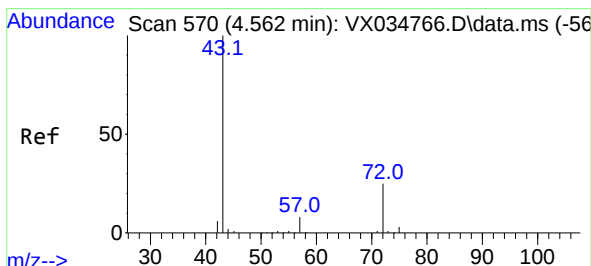
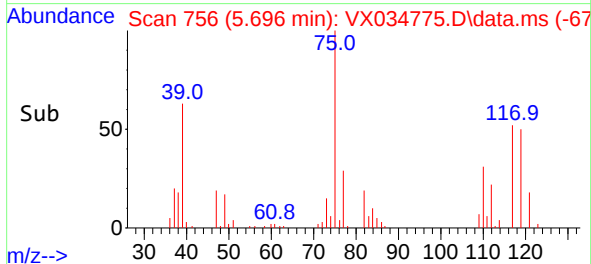
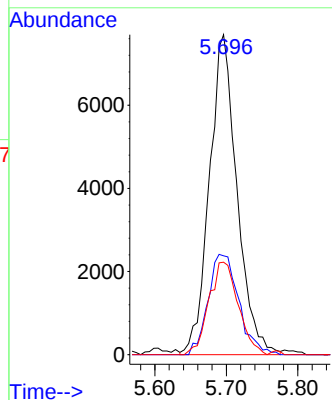
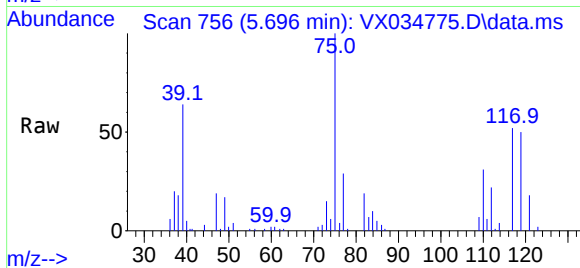
Tgt Ion: 75 Resp: 20647

Ion Ratio Lower Upper

75 100

110 34.8 0.0 75.8

77 30.8 0.0 62.4



#30

2-Butanone

Concen: 28.810 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

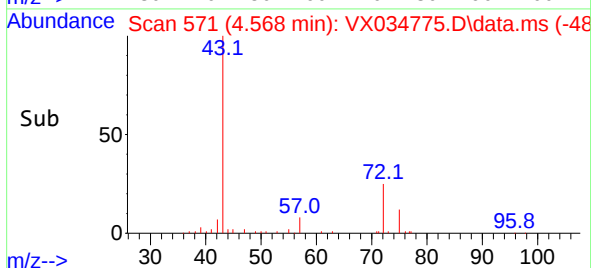
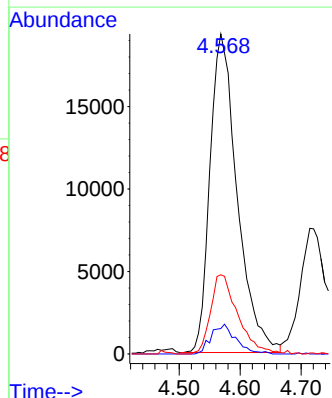
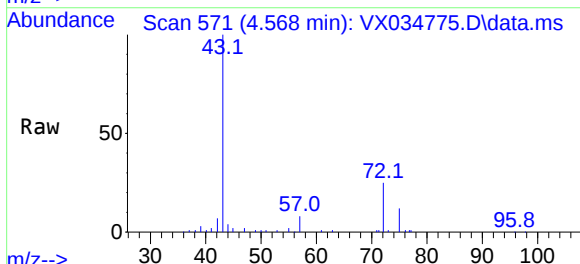
Tgt Ion: 43 Resp: 59946

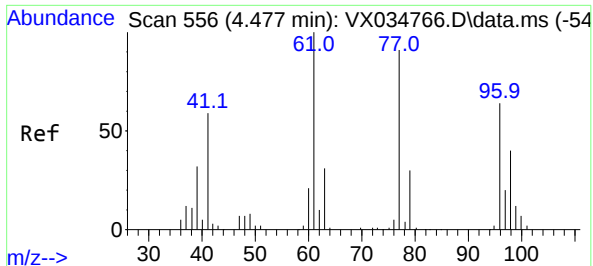
Ion Ratio Lower Upper

43 100

57 4.8 6.0 9.0#

72 24.8 20.6 30.8





#31

2,2-Dichloropropane

Concen: 5.062 ug/l

RT: 4.471 min Scan# 5

Delta R.T. -0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

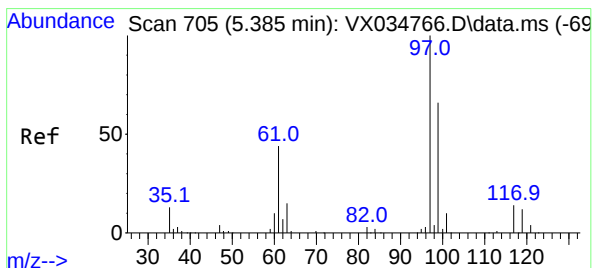
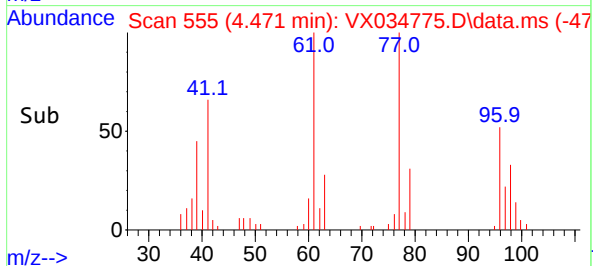
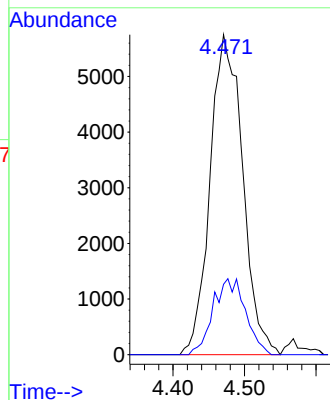
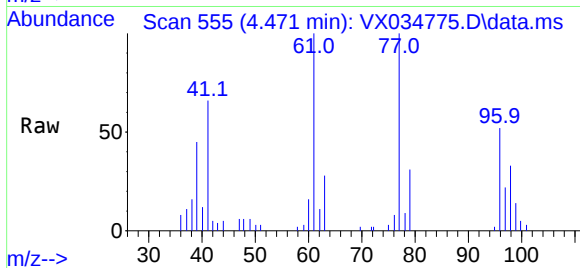
LOQ-WATER-02-QT1-2023

Tgt Ion: 77 Resp: 18175

Ion Ratio Lower Upper

77 100

97 14.6 19.6 29.4#



#32

1,1,1-Trichloroethane

Concen: 5.416 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

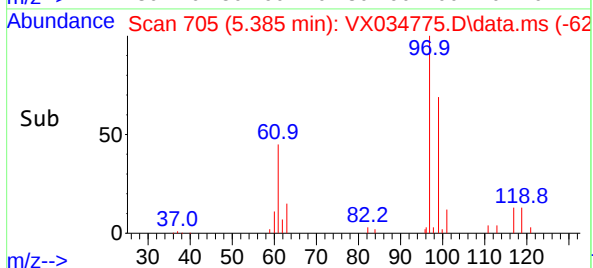
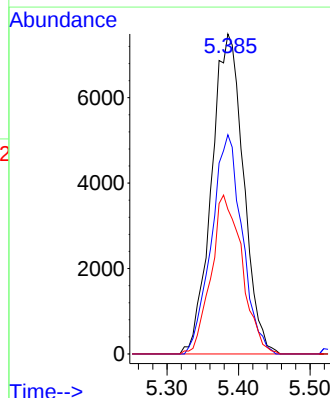
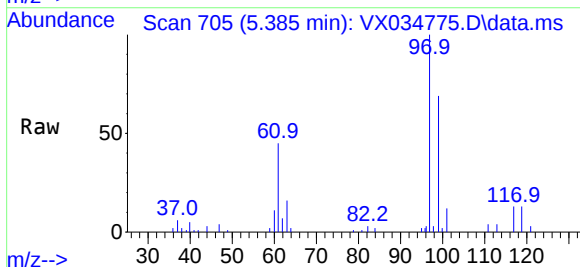
Tgt Ion: 97 Resp: 23250

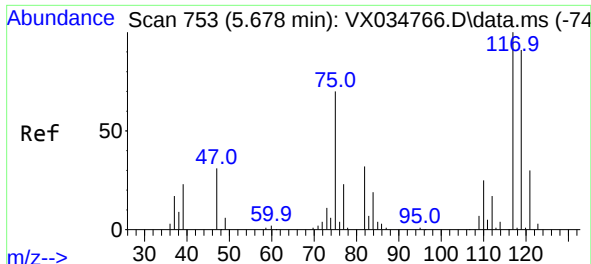
Ion Ratio Lower Upper

97 100

99 65.8 52.0 78.0

61 48.1 34.7 52.1

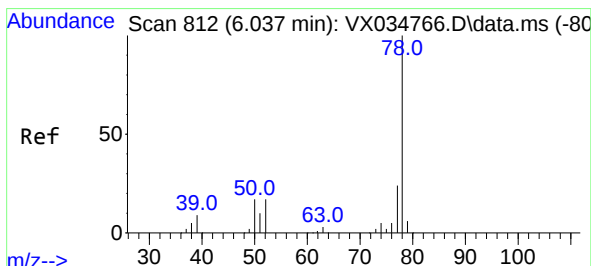
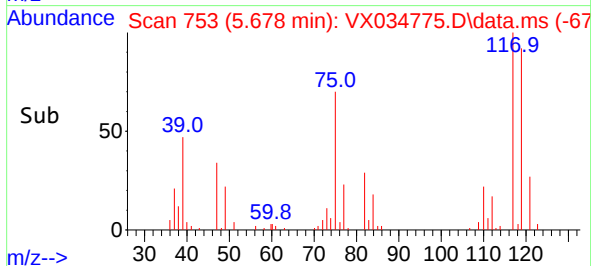
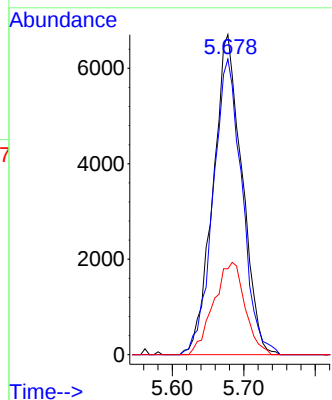
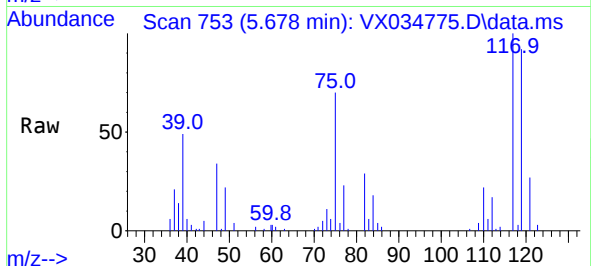




#33  
Carbon Tetrachloride  
Concen: 5.029 ug/l  
RT: 5.678 min Scan# 753  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

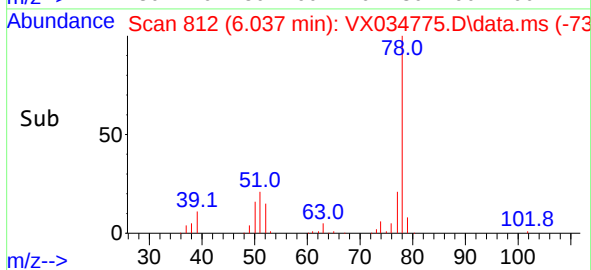
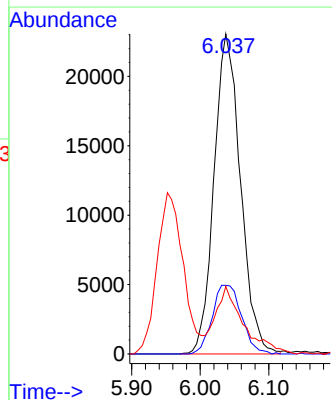
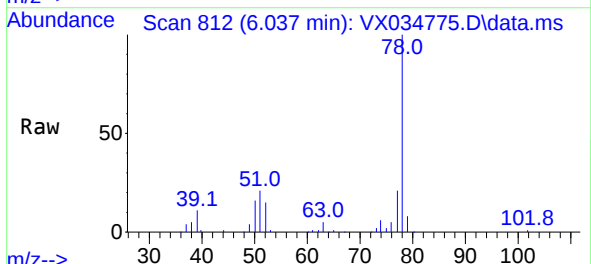
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

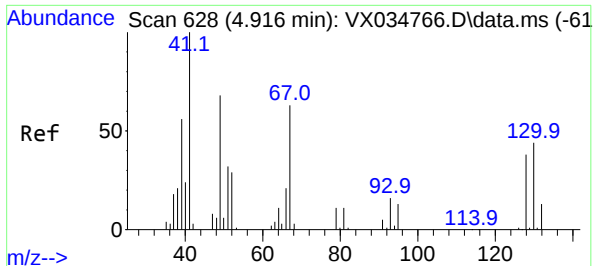
Tgt Ion:117 Resp: 18846  
Ion Ratio Lower Upper  
117 100  
119 92.3 73.8 110.6  
121 26.8 26.2 39.4



#34  
Benzene  
Concen: 5.607 ug/l  
RT: 6.037 min Scan# 812  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 78 Resp: 61814  
Ion Ratio Lower Upper  
78 100  
77 21.4 18.9 28.3  
51 19.4 11.9 17.9#



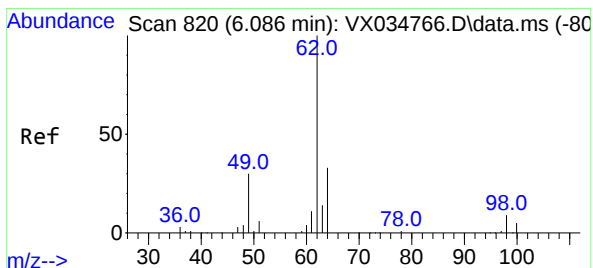
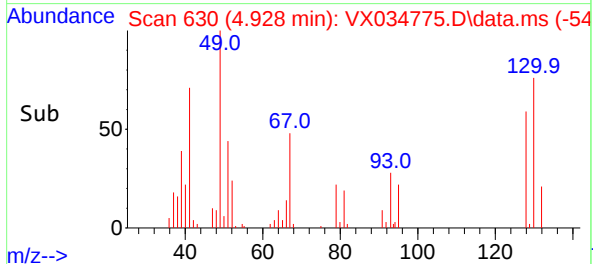
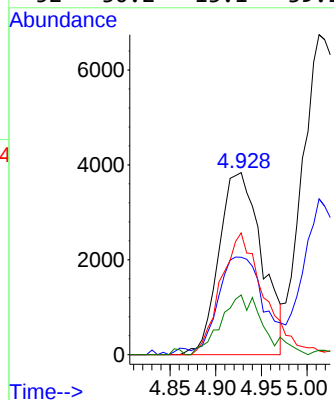
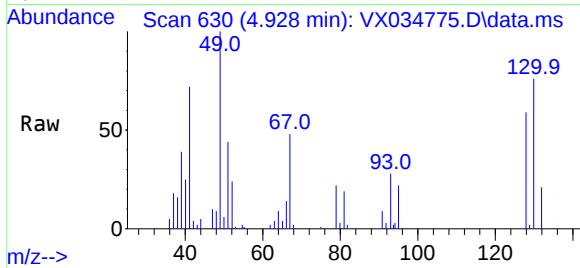


#35  
Methacrylonitrile  
Concen: 5.539 ug/l  
RT: 4.928 min Scan# 61  
Delta R.T. 0.012 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

Tgt Ion: 41 Resp: 12512

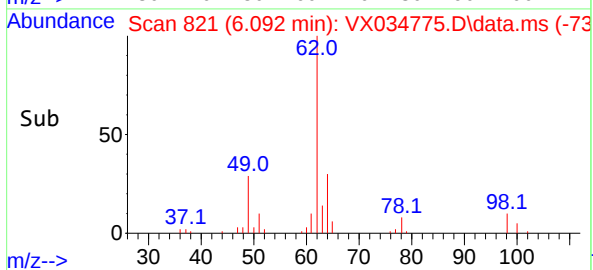
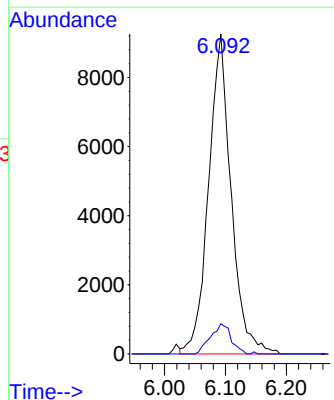
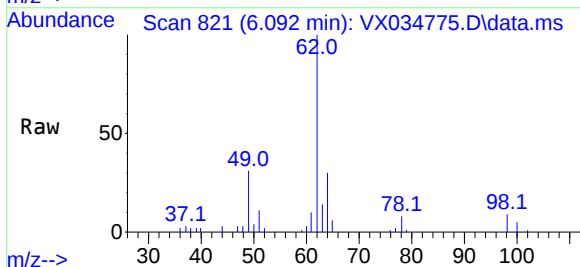
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 49.9  | 27.0  | 80.8  |
| 67  | 66.9  | 37.3  | 111.8 |
| 52  | 30.2  | 13.1  | 39.1  |

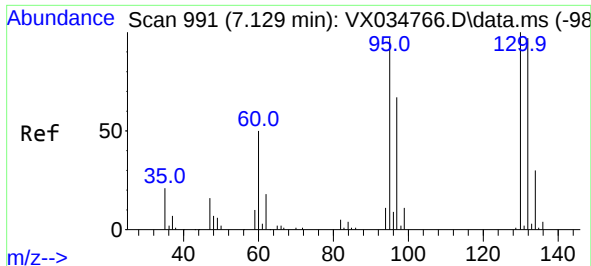


#36  
1,2-Dichloroethane  
Concen: 5.977 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 62 Resp: 23827

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 8.6   | 8.2   | 12.4  |





#37

Trichloroethene

Concen: 5.038 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

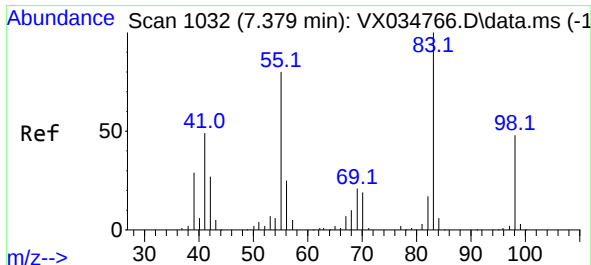
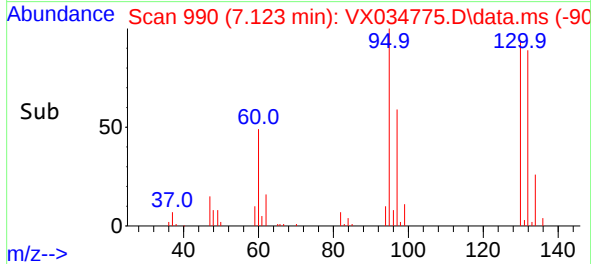
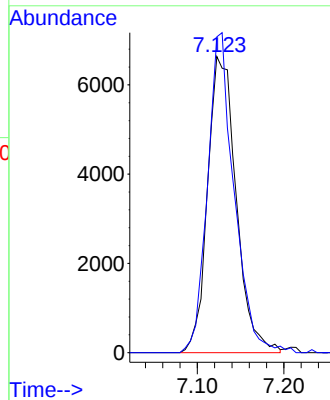
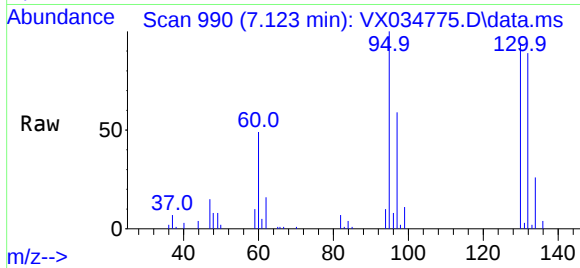
LOQ-WATER-02-QT1-2023

Tgt Ion:130 Resp: 15232

Ion Ratio Lower Upper

130 100

95 106.6 74.1 111.1



#38

Methylcyclohexane

Concen: 5.152 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

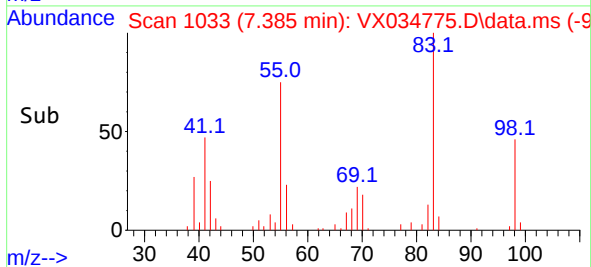
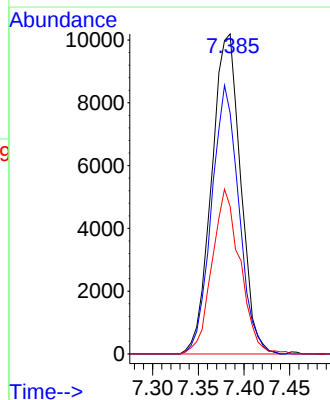
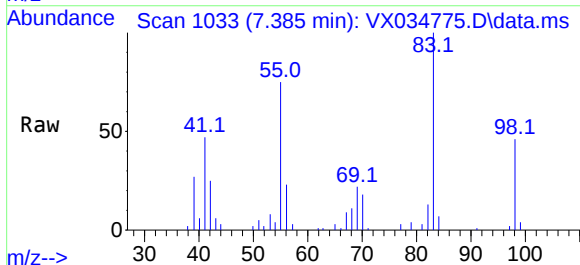
Tgt Ion: 83 Resp: 22509

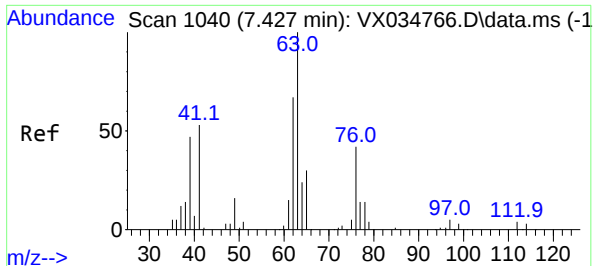
Ion Ratio Lower Upper

83 100

55 79.3 38.9 116.6

98 49.4 25.4 76.4

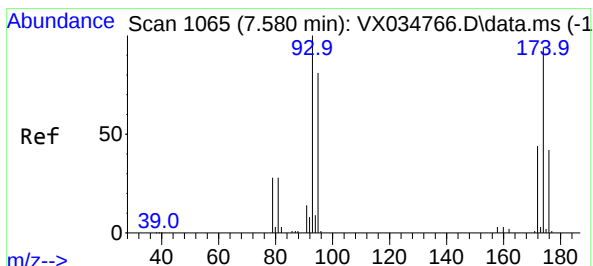
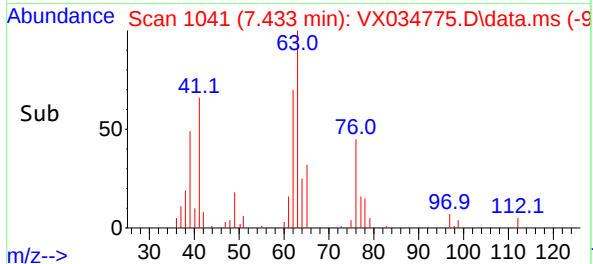
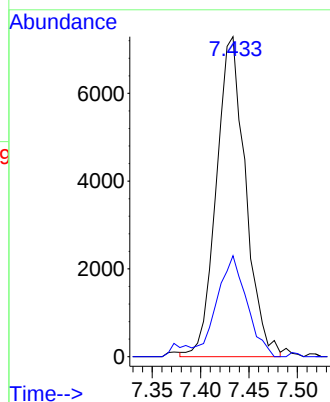
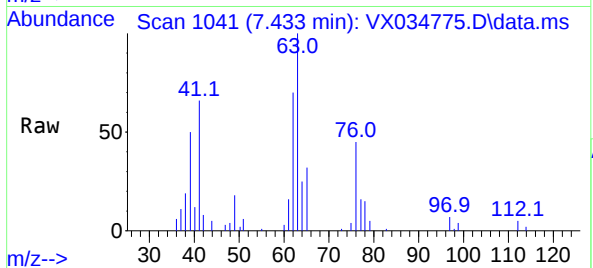




#39  
1,2-Dichloropropane  
Concen: 5.550 ug/l  
RT: 7.433 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

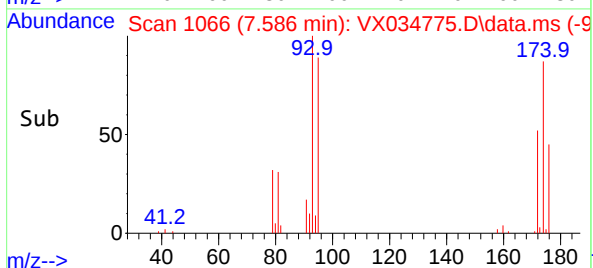
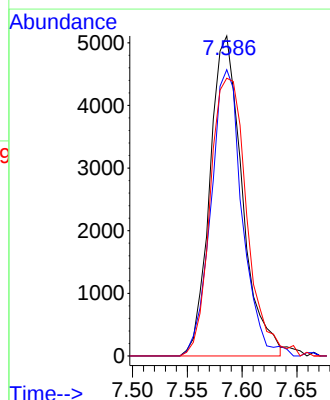
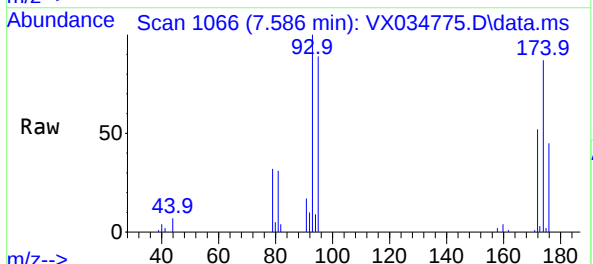
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

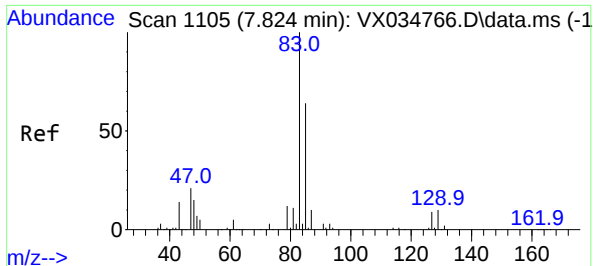
Tgt Ion: 63 Resp: 15312  
Ion Ratio Lower Upper  
63 100  
65 32.0 23.6 35.4



#40  
Dibromomethane  
Concen: 5.381 ug/l  
RT: 7.586 min Scan# 1066  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 93 Resp: 10482  
Ion Ratio Lower Upper  
93 100  
95 85.7 0.0 165.4  
174 97.2 0.0 227.2

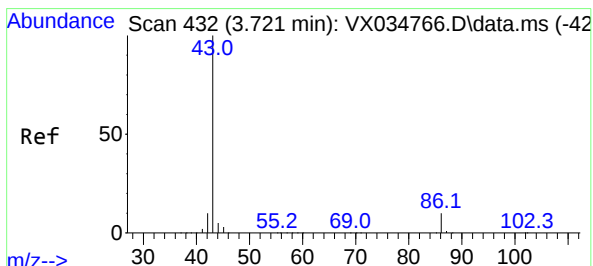
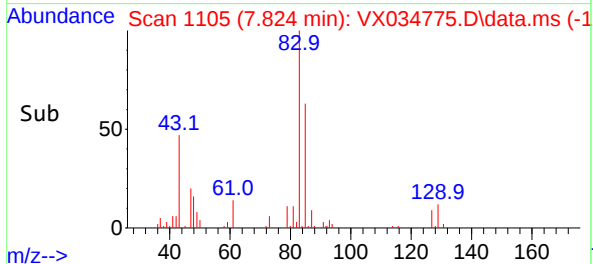
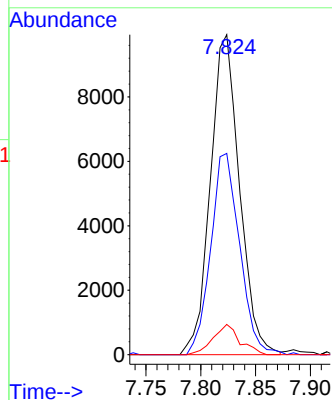
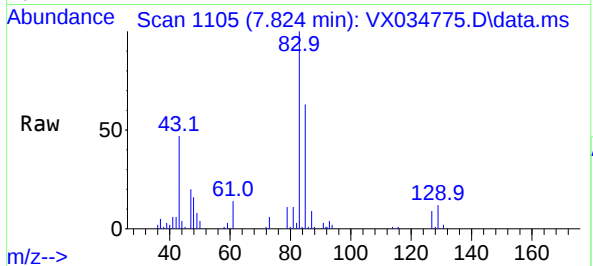




#41  
Bromodichloromethane  
Concen: 5.003 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

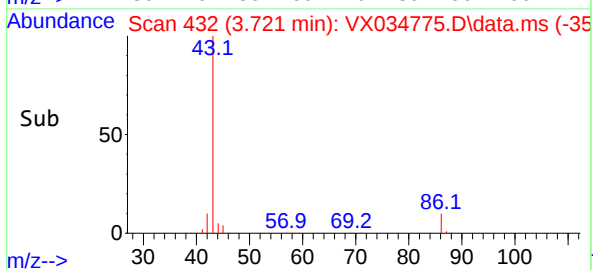
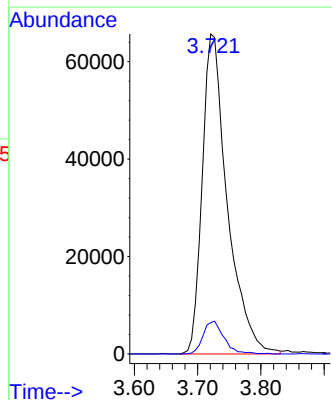
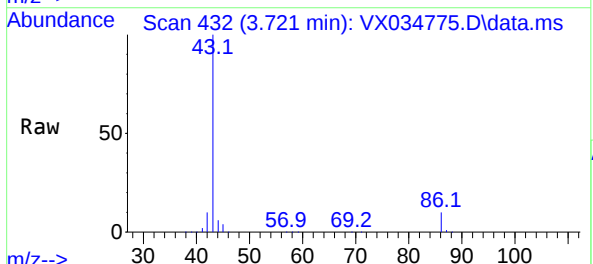
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

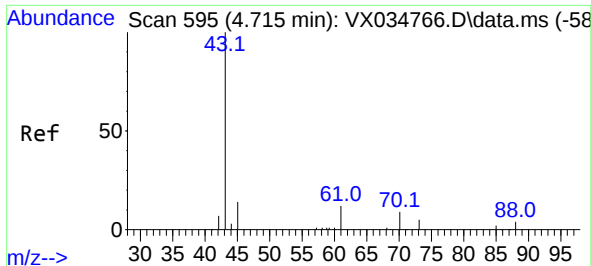
|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 18358 |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 85 62.9     | 50.5 75.7   |
| 127 9.5     | 7.2 10.8    |



#42  
Vinyl Acetate  
Concen: 26.045 ug/l  
RT: 3.721 min Scan# 432  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 181302 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 86 8.5      | 7.5 11.3     |

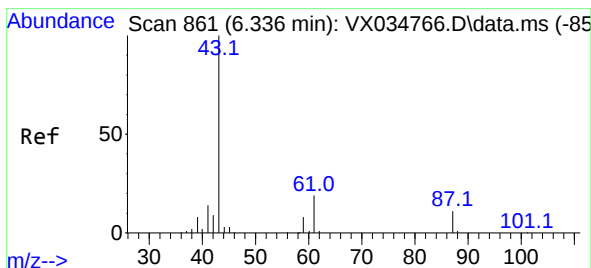
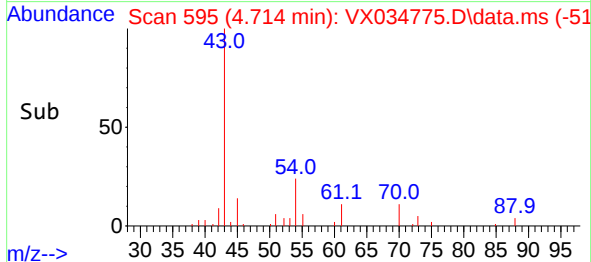
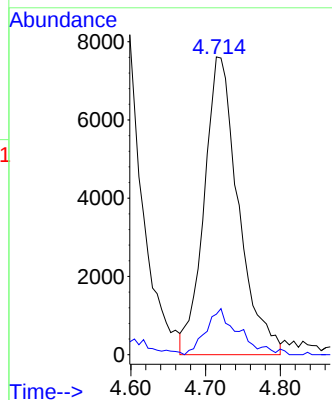
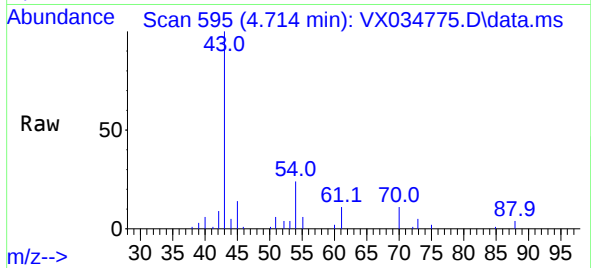




#43  
Ethyl Acetate  
Concen: 5.926 ug/l  
RT: 4.714 min Scan# 595  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

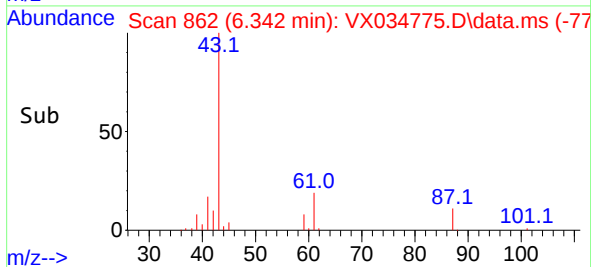
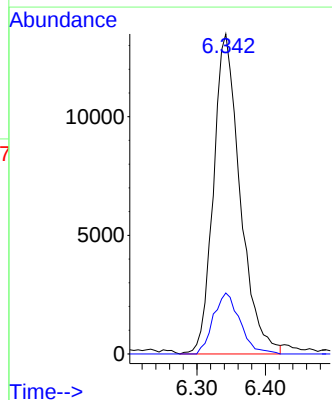
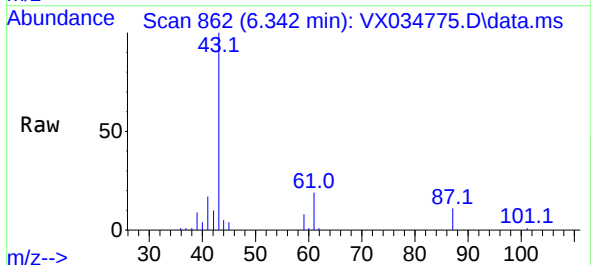
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

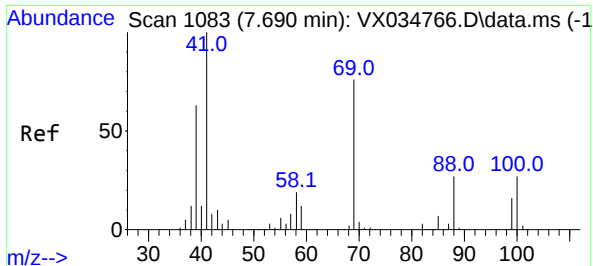
Tgt Ion: 43 Resp: 24249  
Ion Ratio Lower Upper  
43 100  
45 11.6 12.1 18.1#



#44  
Isopropyl Acetate  
Concen: 5.752 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 43 Resp: 36457  
Ion Ratio Lower Upper  
43 100  
61 19.0 15.6 23.4





#45

1,4-Dioxane

Concen: 128.430 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.030 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

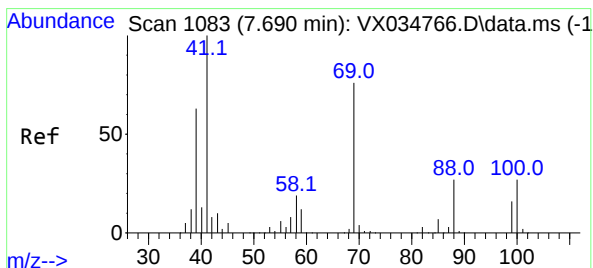
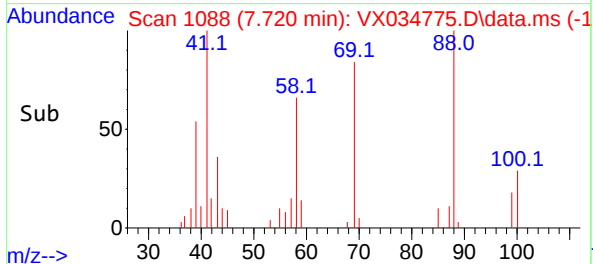
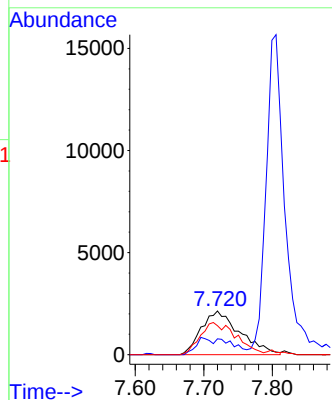
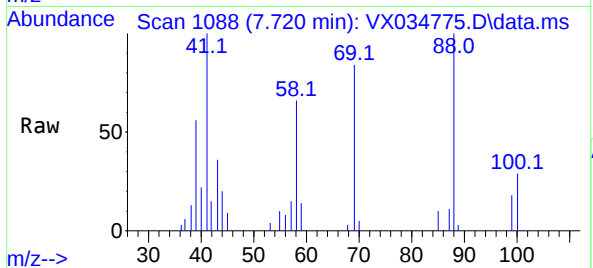
Tgt Ion: 88 Resp: 8378

Ion Ratio Lower Upper

88 100

43 11.6 2.8 4.2#

58 40.1 56.5 84.7#



#46

Methyl methacrylate

Concen: 5.575 ug/l

RT: 7.696 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

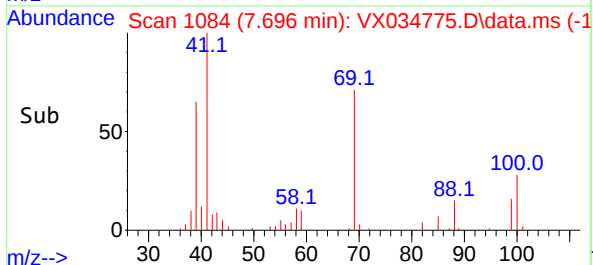
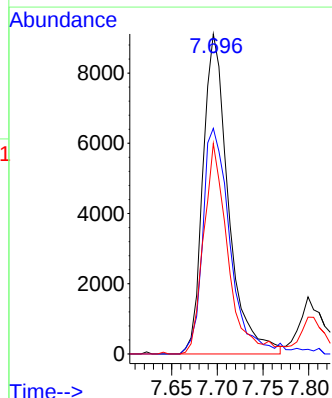
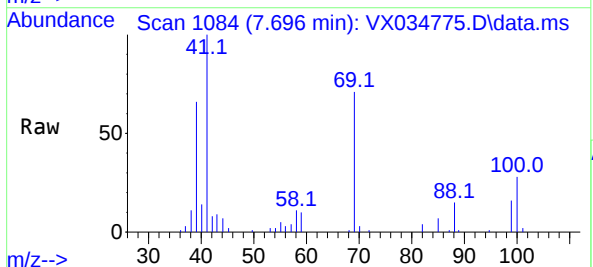
Tgt Ion: 41 Resp: 17643

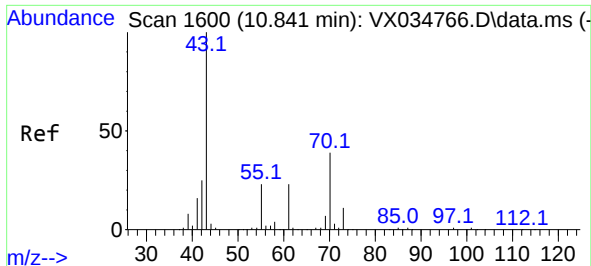
Ion Ratio Lower Upper

41 100

69 70.5 37.4 112.2

39 65.7 27.2 81.5

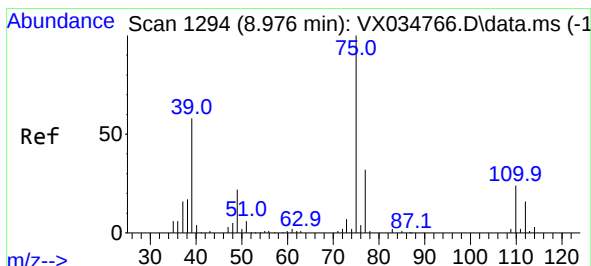
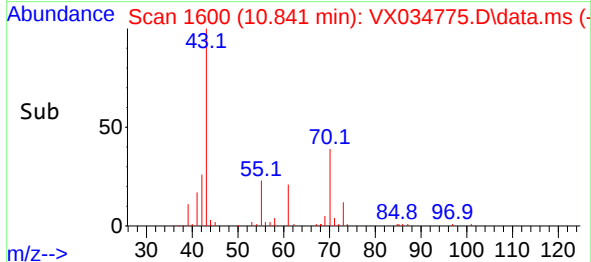
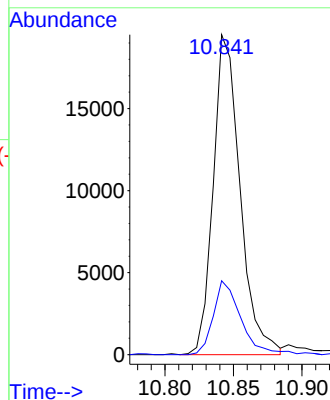
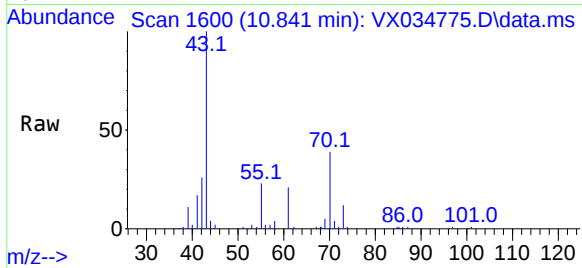




#47  
n-amyl acetate  
Concen: 4.916 ug/l  
RT: 10.841 min Scan# 1600  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

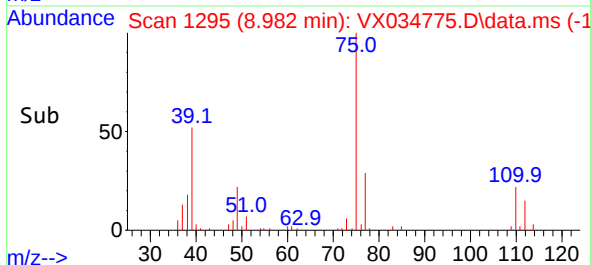
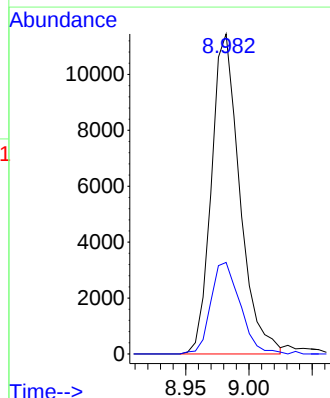
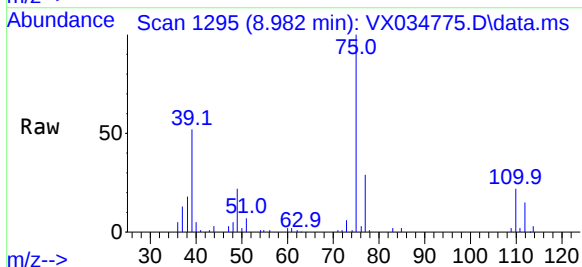
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

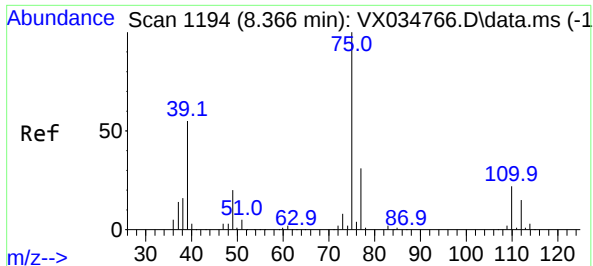
Tgt Ion: 43 Resp: 26548  
Ion Ratio Lower Upper  
43 100  
55 23.3 19.8 29.6



#48  
t-1,3-Dichloropropene  
Concen: 4.544 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 75 Resp: 17841  
Ion Ratio Lower Upper  
75 100  
77 28.6 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 4.684 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

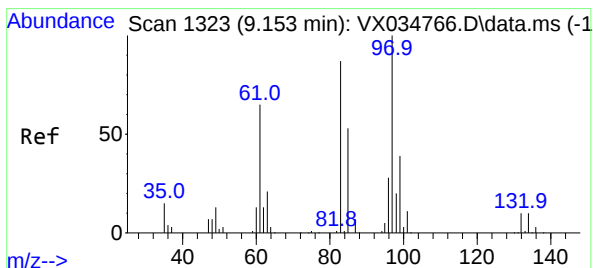
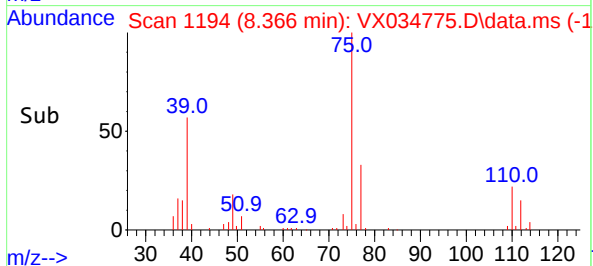
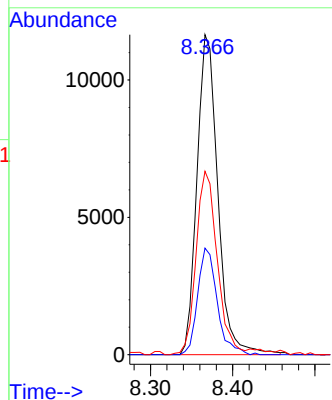
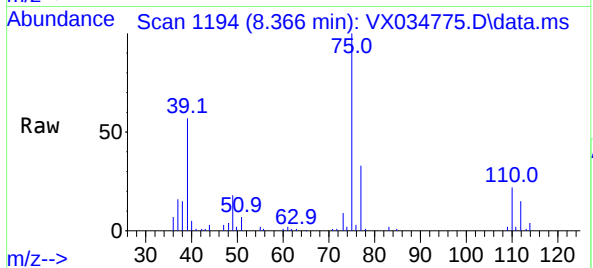
Tgt Ion: 75 Resp: 20561

Ion Ratio Lower Upper

75 100

77 33.3 25.8 38.8

39 56.6 42.2 63.2



#50

1,1,2-Trichloroethane

Concen: 5.363 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Tgt Ion: 97 Resp: 15351

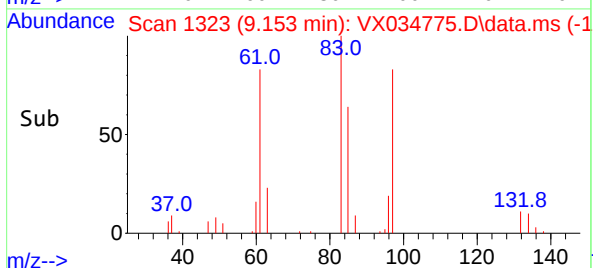
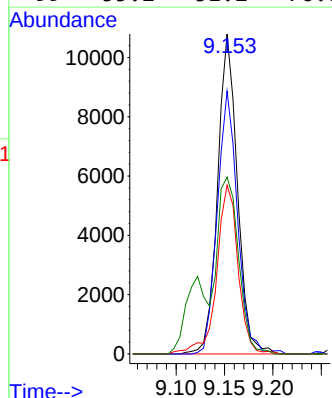
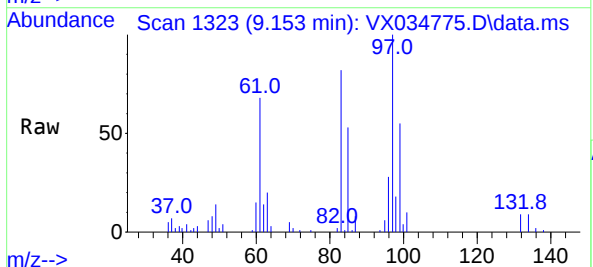
Ion Ratio Lower Upper

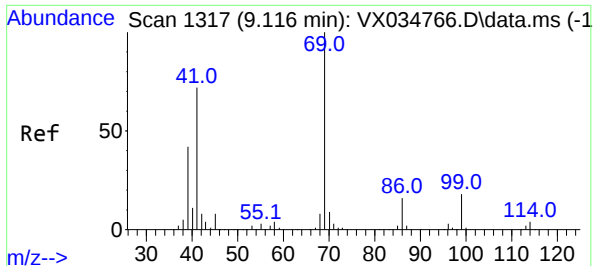
97 100

83 82.2 65.4 98.0

85 52.8 42.5 63.7

99 55.2 51.2 76.8





#51

Ethyl methacrylate

Concen: 5.219 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

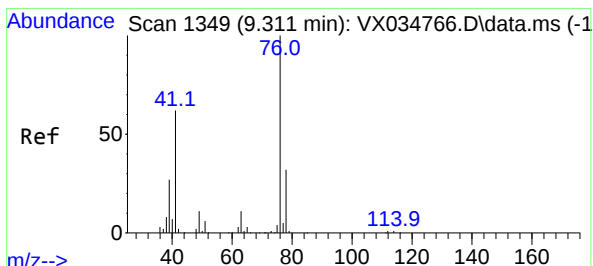
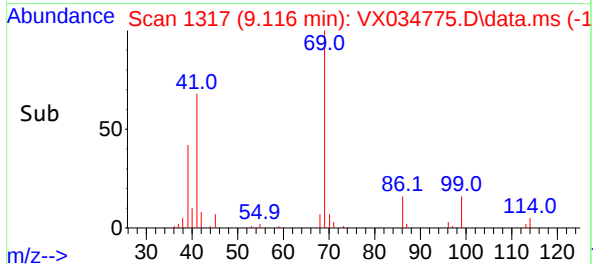
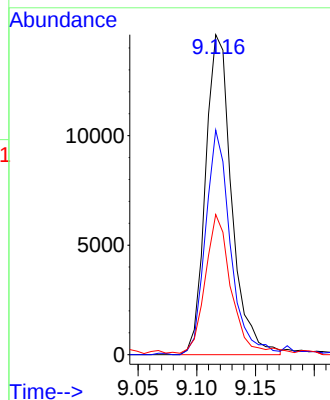
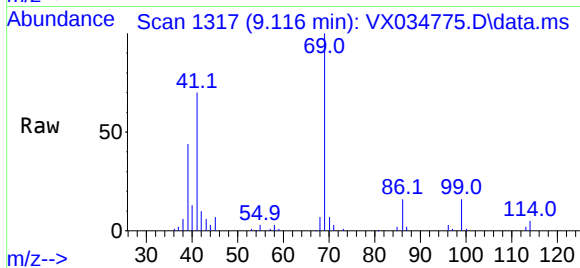
Tgt Ion: 69 Resp: 22624

Ion Ratio Lower Upper

69 100

41 70.2 35.8 107.3

39 43.3 20.2 60.6



#52

1,3-Dichloropropane

Concen: 5.526 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX034775.D

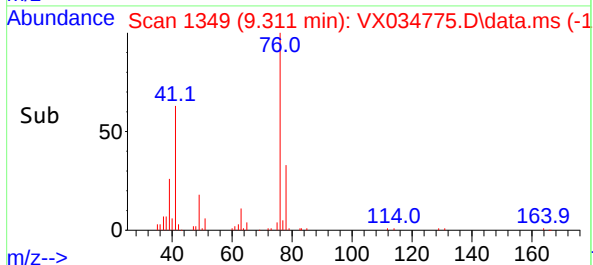
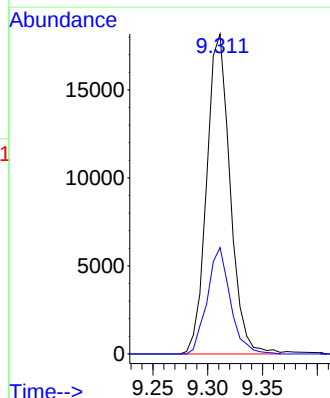
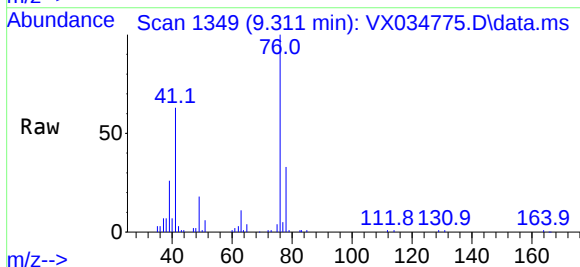
Acq: 28 Mar 2023 03:11

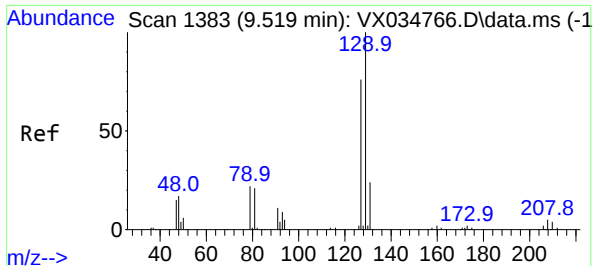
Tgt Ion: 76 Resp: 27034

Ion Ratio Lower Upper

76 100

78 32.8 0.0 65.6

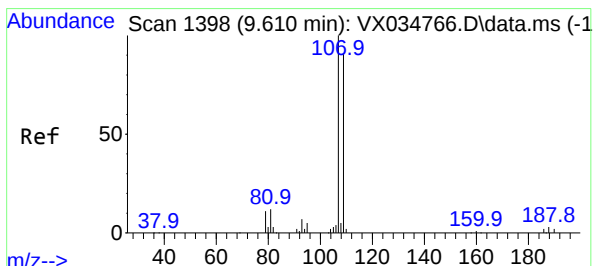
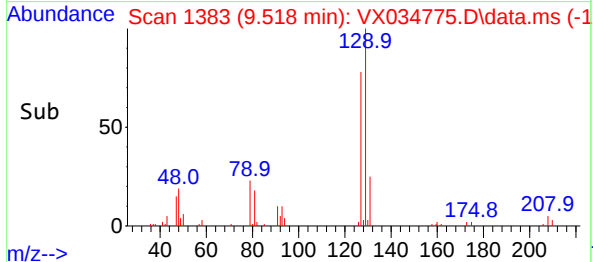
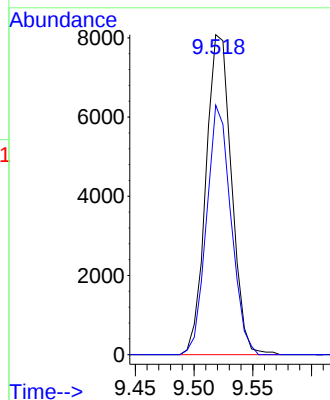
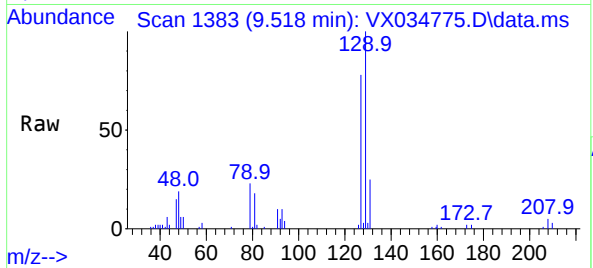




#53  
Dibromochloromethane  
Concen: 4.009 ug/l  
RT: 9.518 min Scan# 1383  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

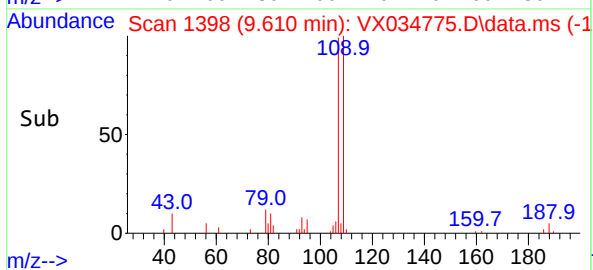
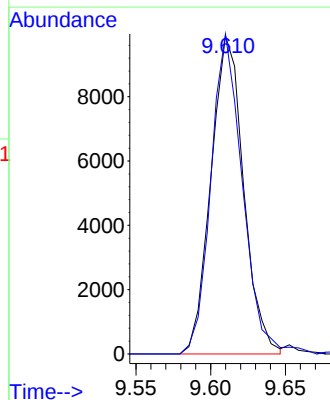
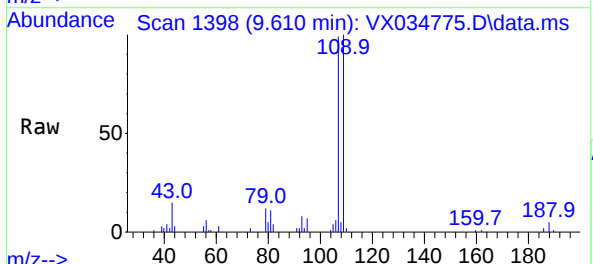
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

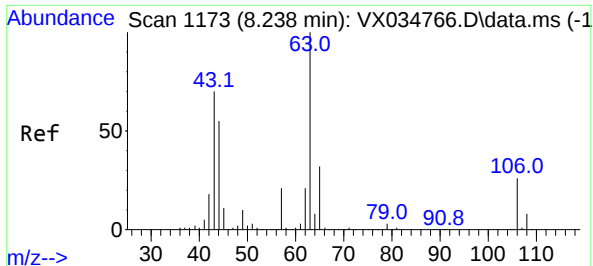
Tgt Ion:129 Resp: 12233  
Ion Ratio Lower Upper  
129 100  
127 74.7 38.6 116.0



#54  
1,2-Dibromoethane  
Concen: 4.857 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion:107 Resp: 14988  
Ion Ratio Lower Upper  
107 100  
109 96.4 75.7 113.5

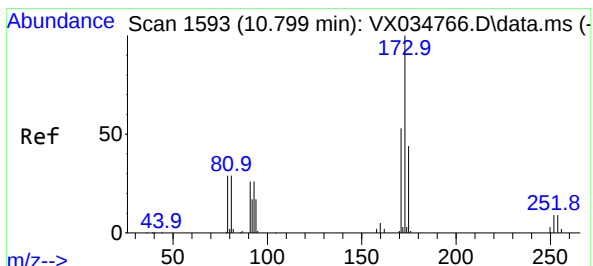
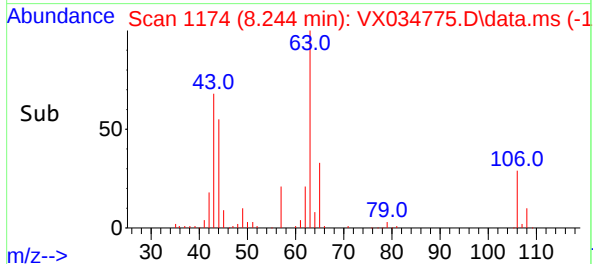
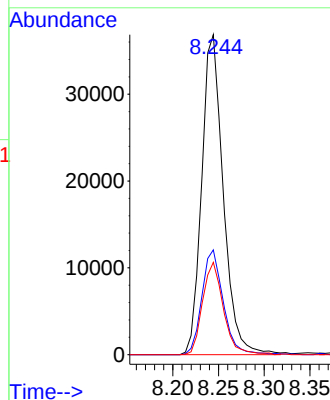
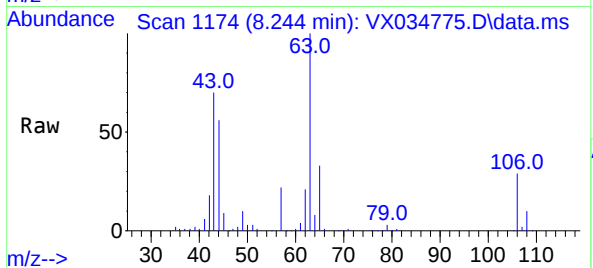




#55  
2-Chloroethyl vinyl ether  
Concen: 28.777 ug/l  
RT: 8.244 min Scan# 1174  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

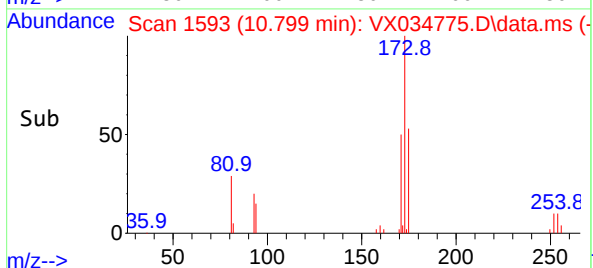
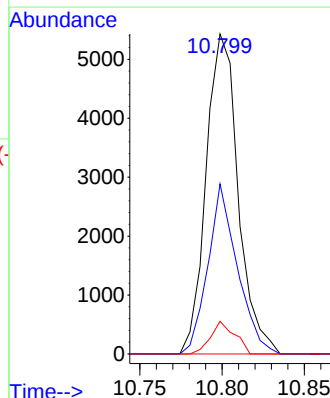
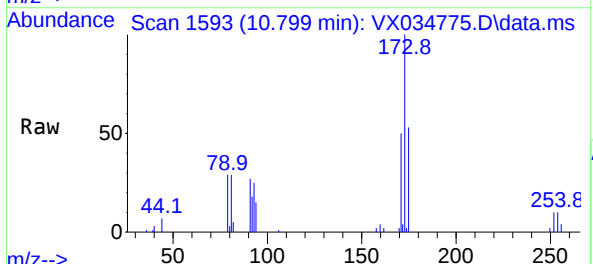
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

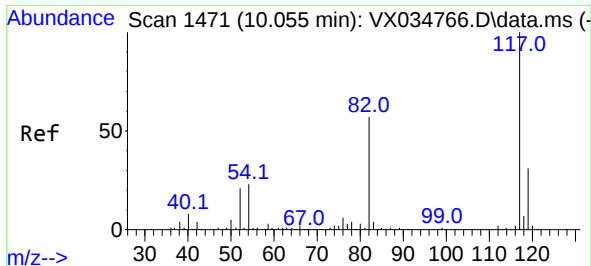
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 63    | Resp: | 60409 |
| Ion      | Ratio | Lower | Upper |
| 63       | 100   |       |       |
| 65       | 32.3  | 25.4  | 38.2  |
| 106      | 27.8  | 23.9  | 35.9  |



#56  
Bromoform  
Concen: 3.234 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 173   | Resp: | 7362  |
| Ion      | Ratio | Lower | Upper |
| 173      | 100   |       |       |
| 175      | 48.7  | 39.8  | 59.6  |
| 254      | 7.7   | 9.0   | 13.6  |

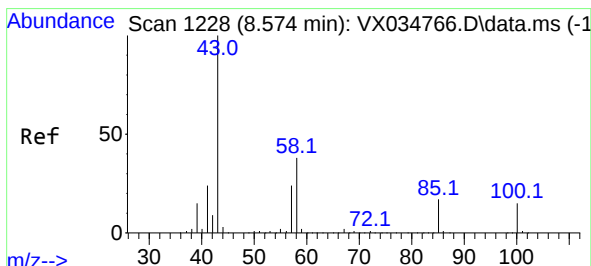
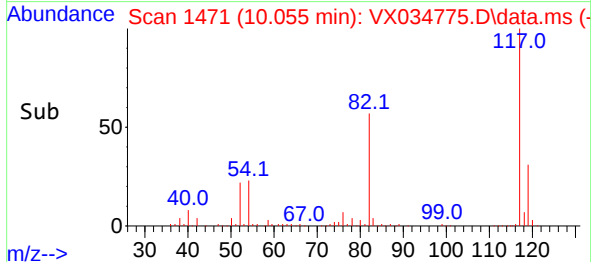
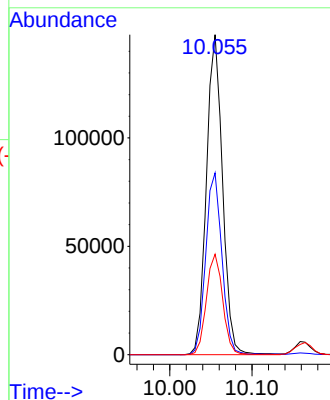
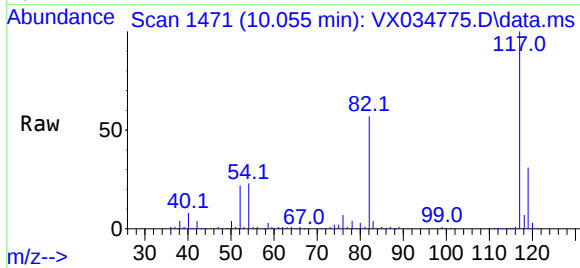




#57  
Chlorobenzene-d5  
Concen: 30.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

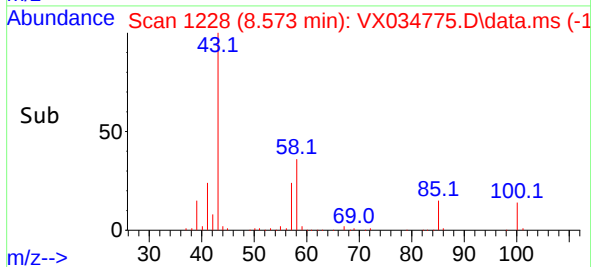
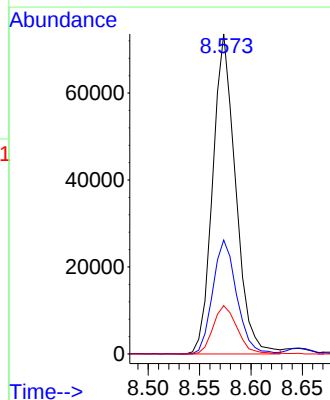
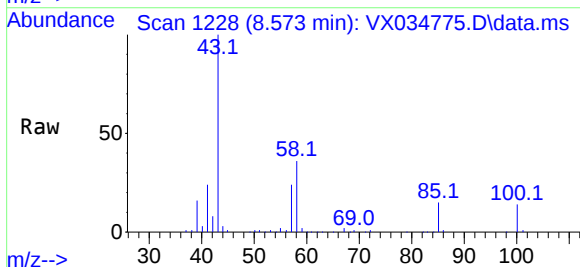
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

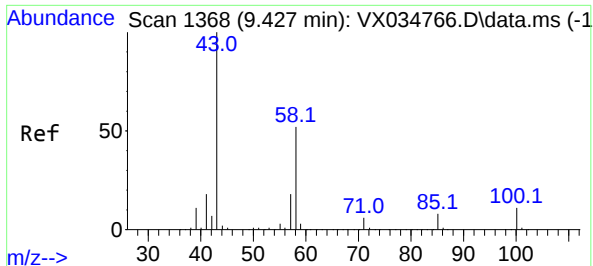
Tgt Ion:117 Resp: 200920  
Ion Ratio Lower Upper  
117 100  
82 56.9 42.6 64.0  
119 31.8 26.4 39.6



#58  
4-Methyl-2-Pentanone  
Concen: 30.259 ug/l  
RT: 8.573 min Scan# 1228  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 43 Resp: 114368  
Ion Ratio Lower Upper  
43 100  
58 37.1 29.8 44.6  
85 15.7 13.7 20.5

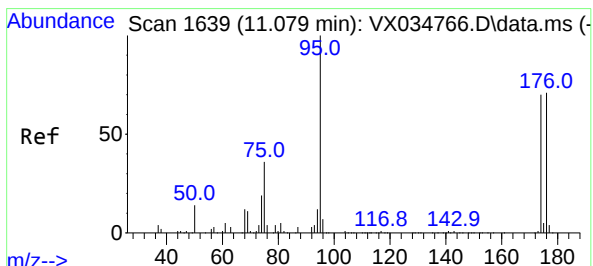
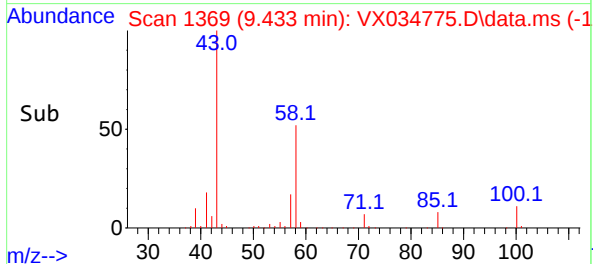
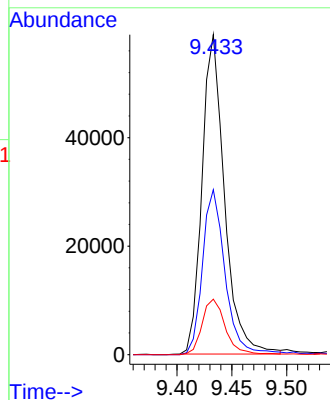
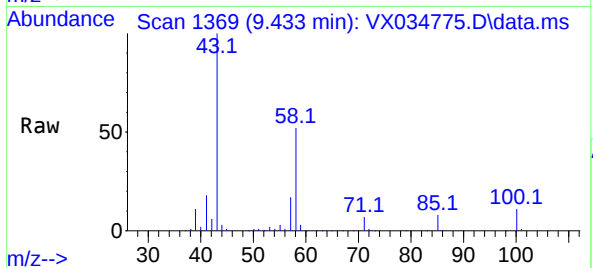




#59  
2-Hexanone  
Concen: 29.626 ug/l  
RT: 9.433 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

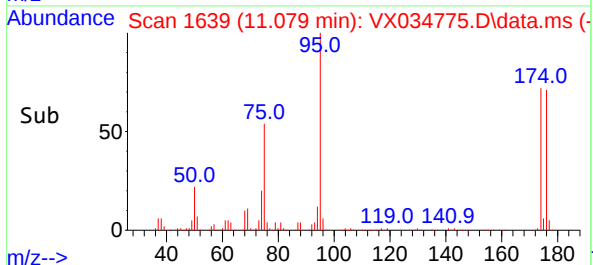
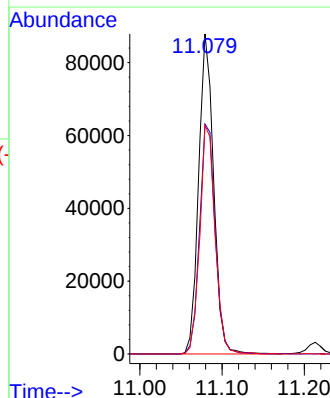
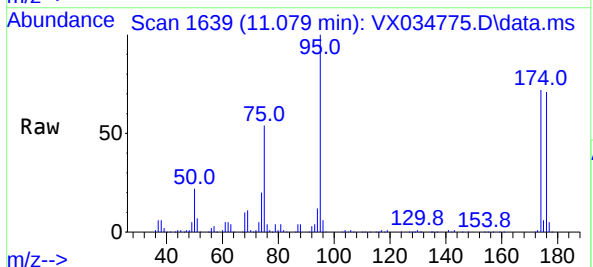
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

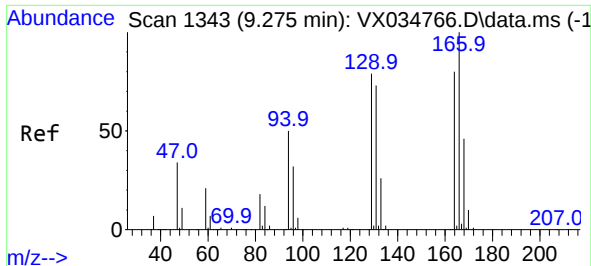
Tgt Ion: 43 Resp: 84024  
Ion Ratio Lower Upper  
43 100  
58 52.1 41.6 62.4  
57 17.8 14.6 21.8



#60  
4-Bromofluorobenzene  
Concen: 30.826 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 95 Resp: 111677  
Ion Ratio Lower Upper  
95 100  
174 74.0 74.6 111.8#  
176 72.3 72.2 108.2

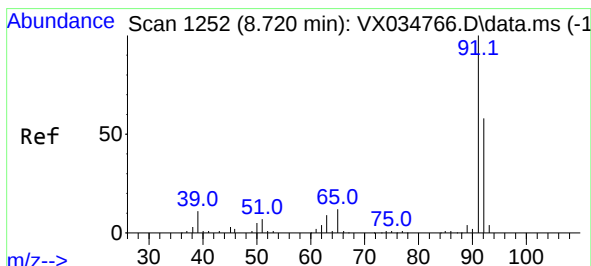
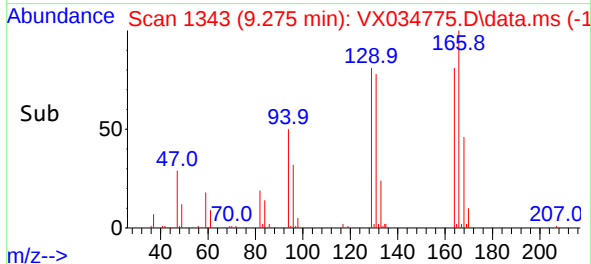
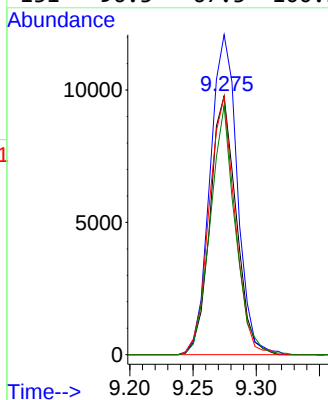
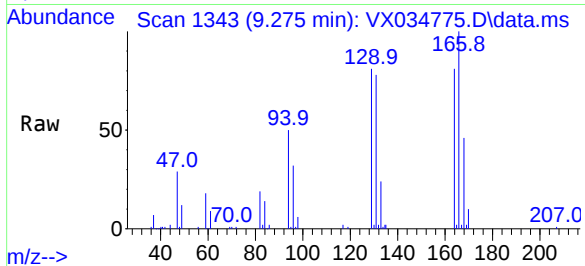




#61  
Tetrachloroethene  
Concen: 5.307 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

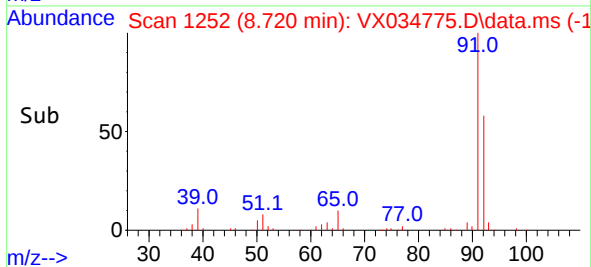
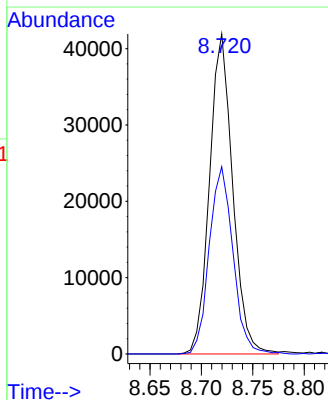
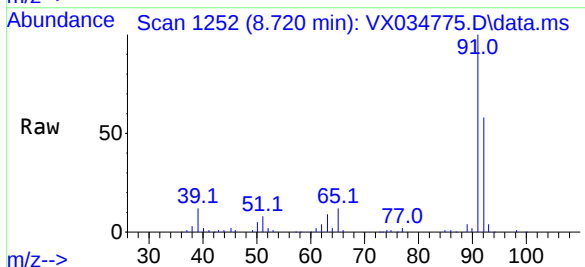
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

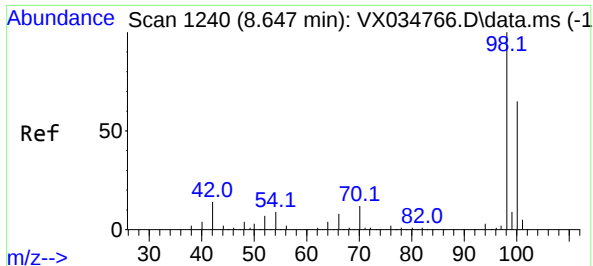
Tgt Ion:164 Resp: 14000  
Ion Ratio Lower Upper  
164 100  
166 123.7 100.6 151.0  
129 99.7 69.9 104.9  
131 96.3 67.3 100.9



#62  
Toluene  
Concen: 5.769 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 91 Resp: 65647  
Ion Ratio Lower Upper  
91 100  
92 59.8 47.5 71.3

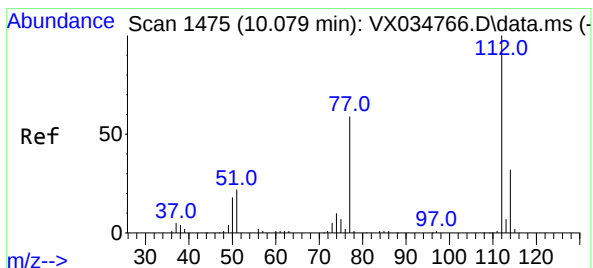
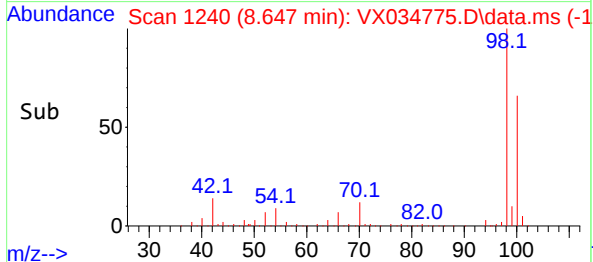
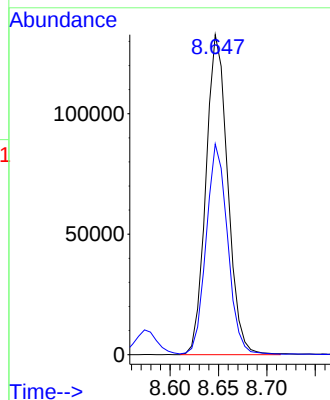
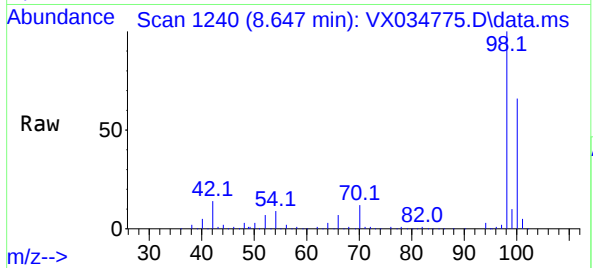




#63  
Toluene-d8  
Concen: 32.354 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

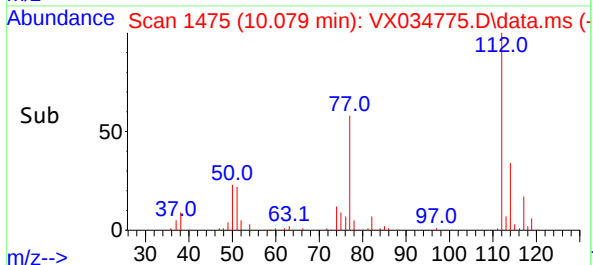
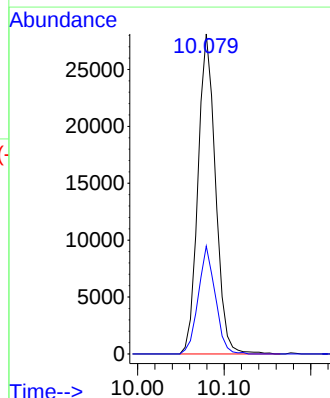
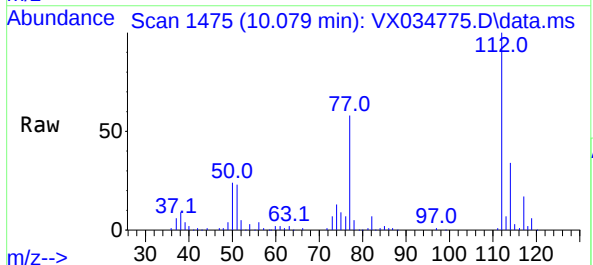
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

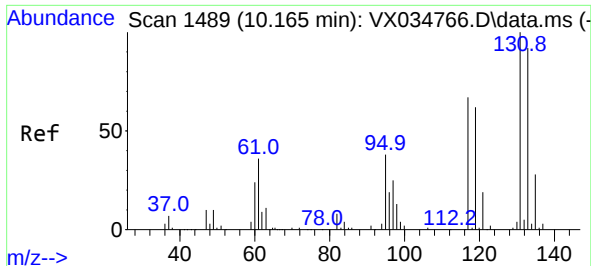
Tgt Ion: 98 Resp: 208922  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.7 79.1



#64  
Chlorobenzene  
Concen: 5.285 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 112 Resp: 39561  
Ion Ratio Lower Upper  
112 100  
114 33.7 25.7 38.5

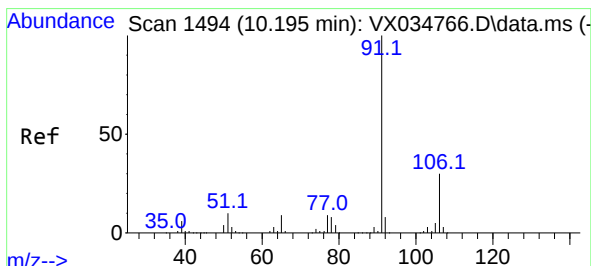
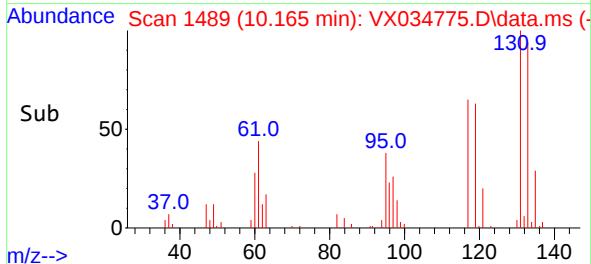
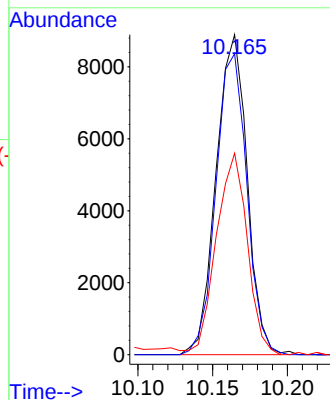
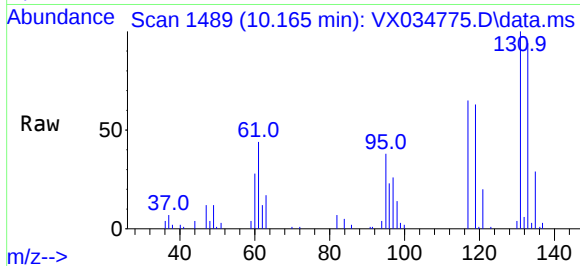




#65  
1,1,1,2-Tetrachloroethane  
Concen: 4.649 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

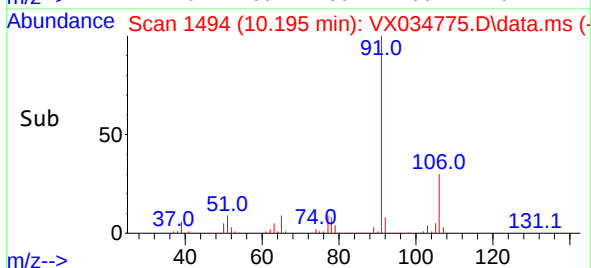
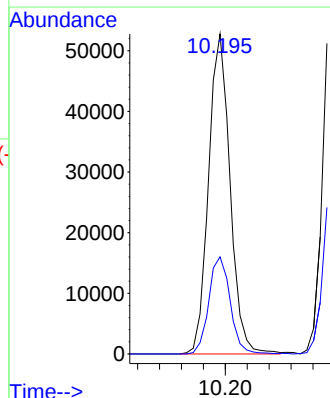
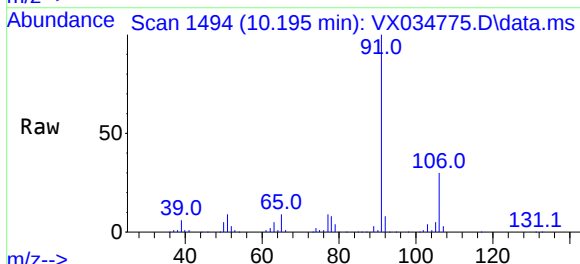
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

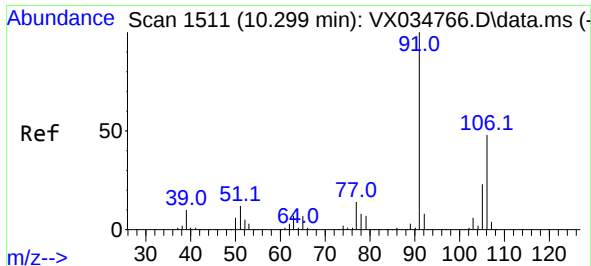
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 131   | Resp: | 12812 |
| Ion      | Ratio | Lower | Upper |
| 131      | 100   |       |       |
| 133      | 94.0  | 0.0   | 188.8 |
| 119      | 62.6  | 0.0   | 123.4 |



#66  
Ethyl Benzene  
Concen: 5.559 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 71917 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 106      | 30.4  | 26.7  | 40.1  |

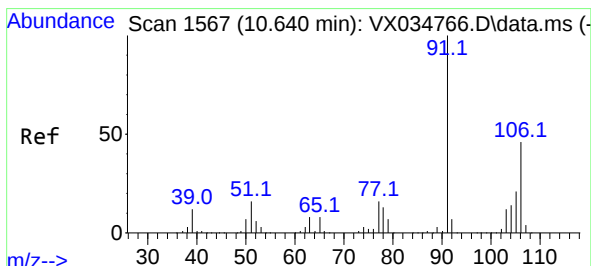
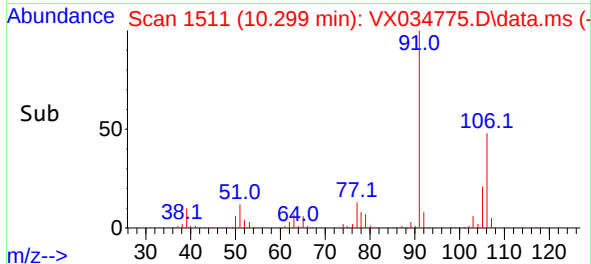
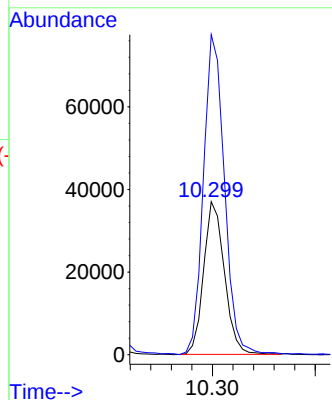
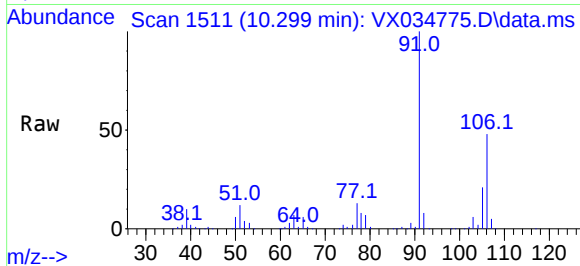




#67  
m/p-Xylenes  
Concen: 10.279 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

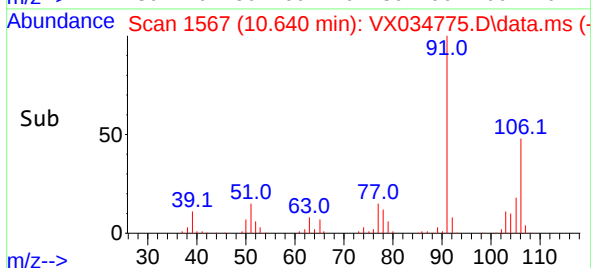
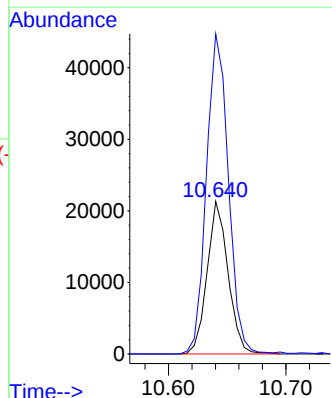
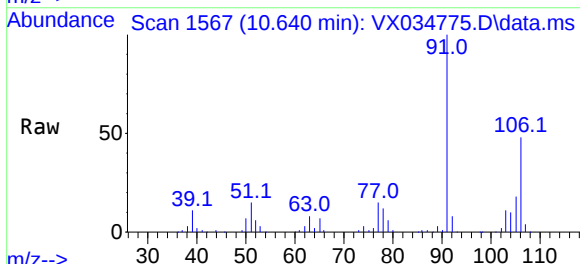
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

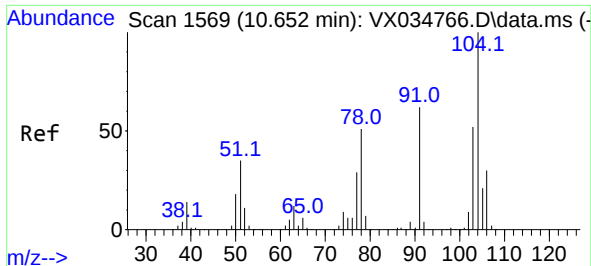
Tgt Ion:106 Resp: 51969  
Ion Ratio Lower Upper  
106 100  
91 211.5 159.7 239.5



#68  
o-Xylene  
Concen: 5.247 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion:106 Resp: 26452  
Ion Ratio Lower Upper  
106 100  
91 219.2 102.8 308.5

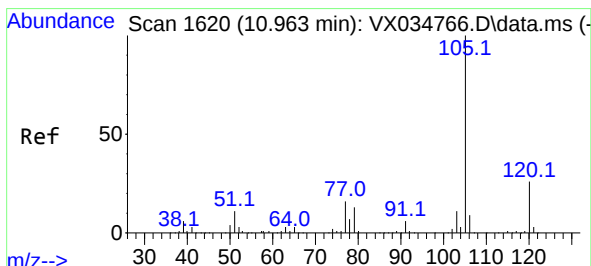
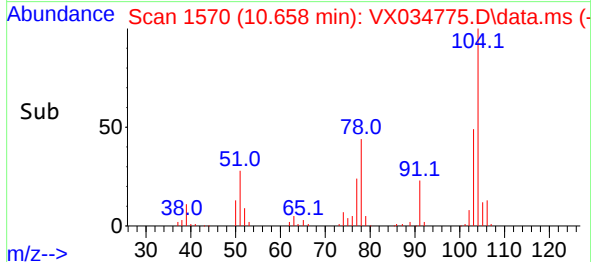
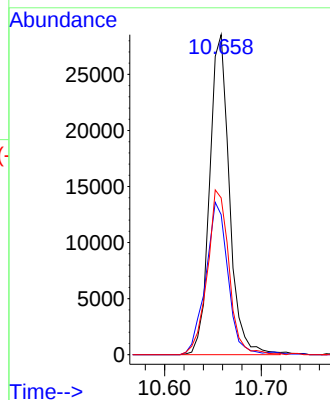
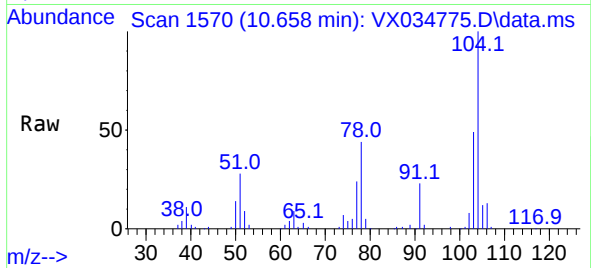




#69  
Styrene  
Concen: 4.931 ug/l  
RT: 10.658 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

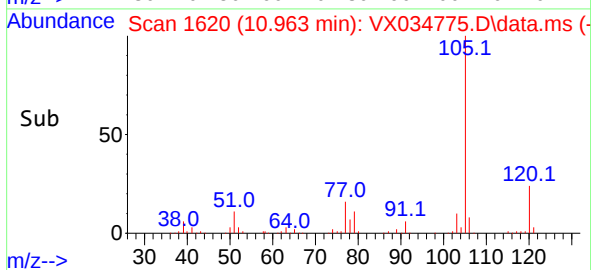
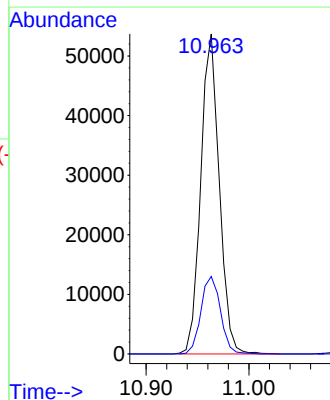
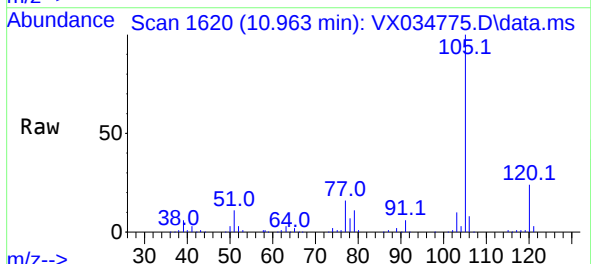
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

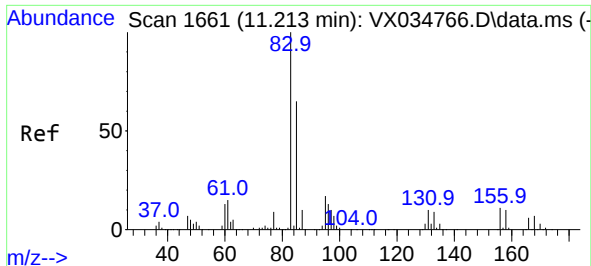
Tgt Ion:104 Resp: 40681  
Ion Ratio Lower Upper  
104 100  
78 53.3 37.6 56.4  
103 55.5 44.2 66.4



#70  
Isopropylbenzene  
Concen: 5.219 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion:105 Resp: 67306  
Ion Ratio Lower Upper  
105 100  
120 25.6 19.7 36.5





#71

1,1,2,2-Tetrachloroethane

Concen: 5.459 ug/l

RT: 11.213 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

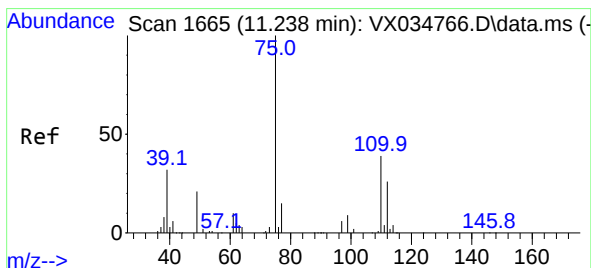
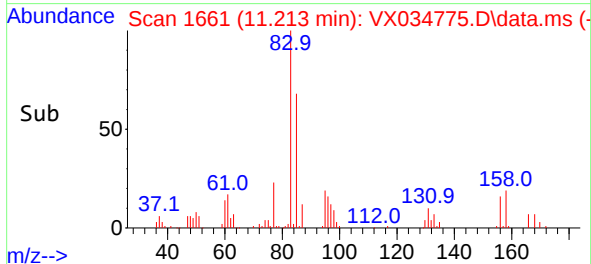
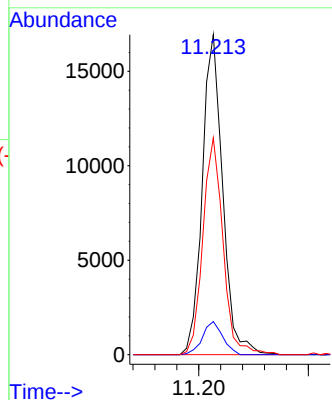
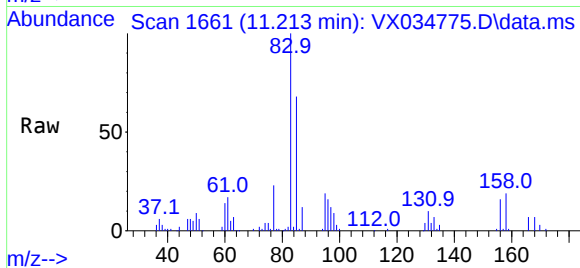
Tgt Ion: 83 Resp: 21903

Ion Ratio Lower Upper

83 100

131 10.3 5.7 17.0

85 66.9 33.3 99.8



#72

1,2,3-Trichloropropane

Concen: 6.336 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX034775.D

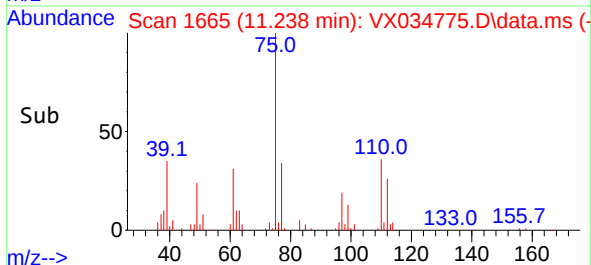
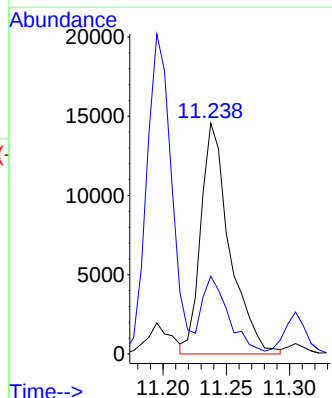
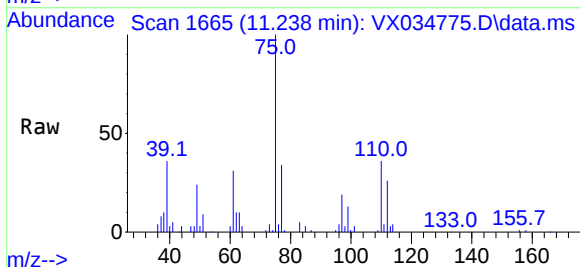
Acq: 28 Mar 2023 03:11

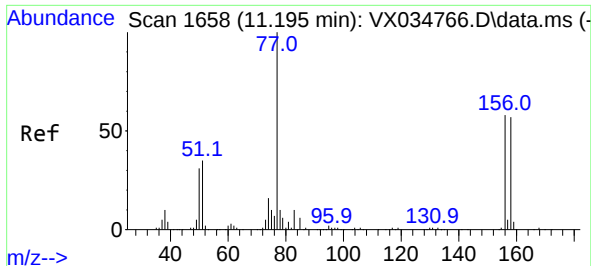
Tgt Ion: 75 Resp: 23091

Ion Ratio Lower Upper

75 100

77 30.2 0.0 75.6

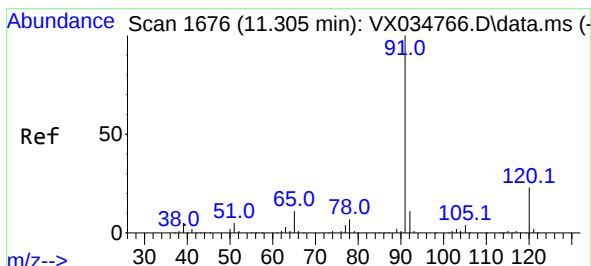
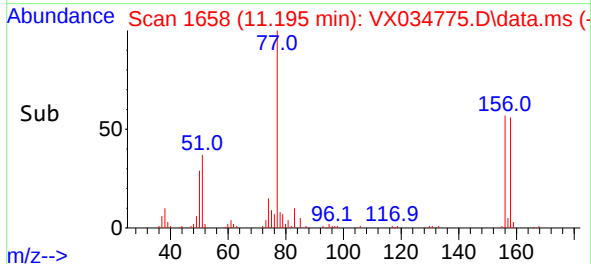
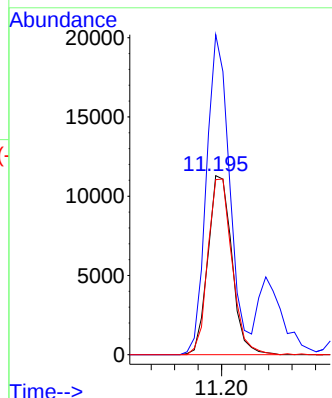
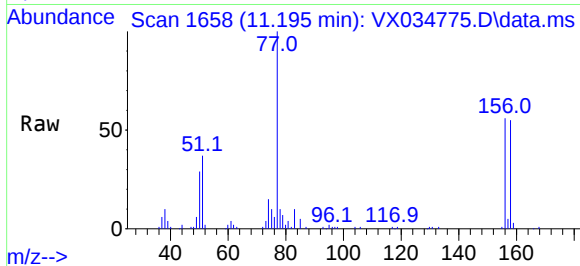




#73  
Bromobenzene  
Concen: 4.661 ug/l  
RT: 11.195 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

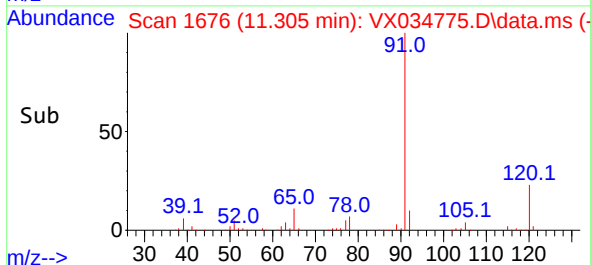
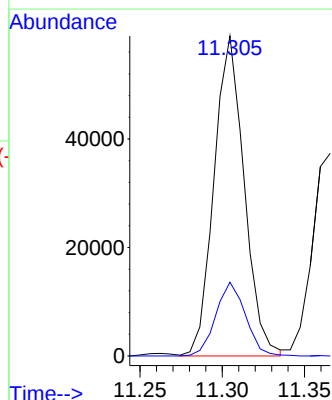
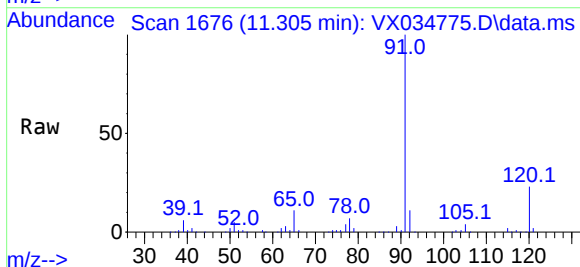
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

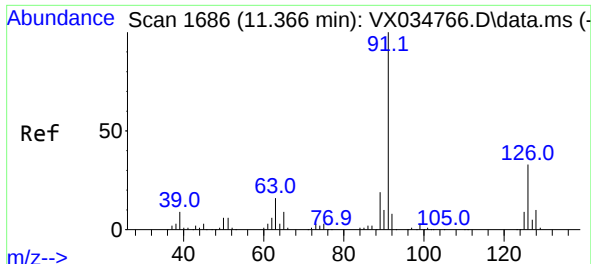
Tgt Ion:156 Resp: 15939  
Ion Ratio Lower Upper  
156 100  
77 174.2 0.0 269.4  
158 99.2 0.0 192.6



#74  
n-propylbenzene  
Concen: 5.112 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 91 Resp: 75141  
Ion Ratio Lower Upper  
91 100  
120 22.7 0.0 48.8

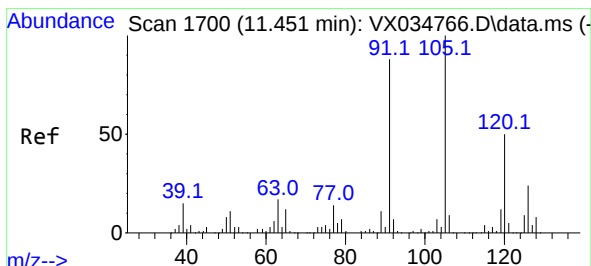
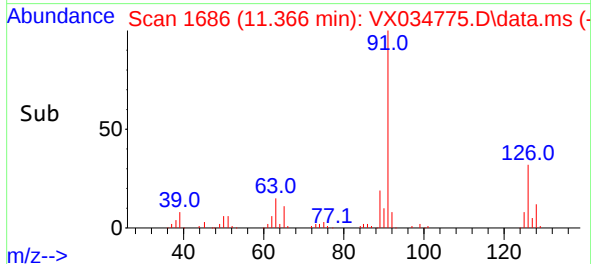
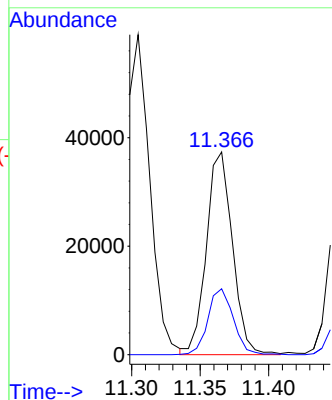
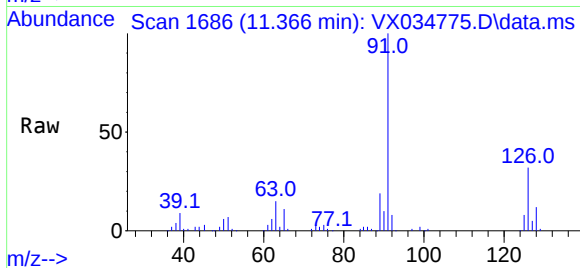




#75  
2-Chlorotoluene  
Concen: 5.602 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

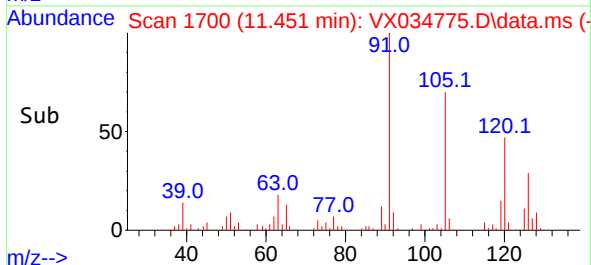
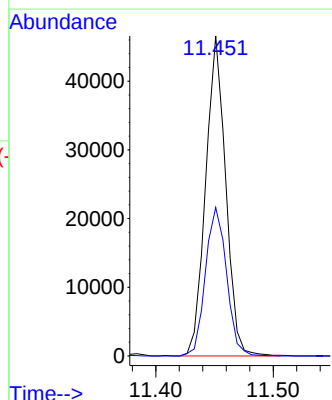
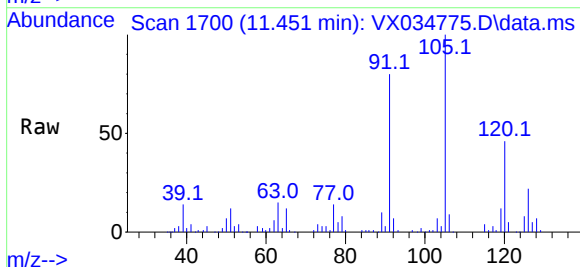
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

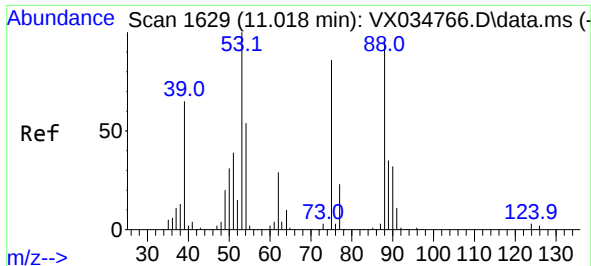
Tgt Ion: 91 Resp: 49501  
Ion Ratio Lower Upper  
91 100  
126 31.5 0.0 73.0



#76  
1,3,5-Trimethylbenzene  
Concen: 5.168 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 105 Resp: 55204  
Ion Ratio Lower Upper  
105 100  
120 48.8 0.0 102.2

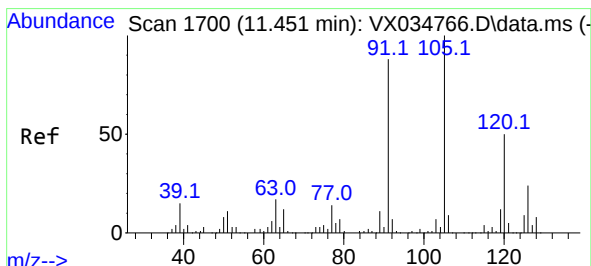
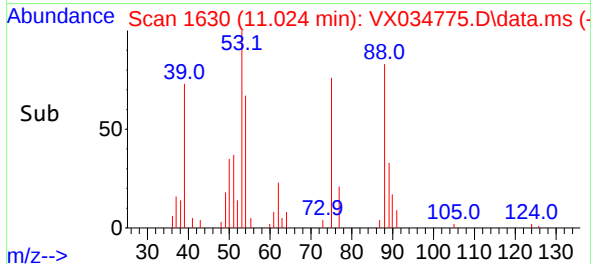
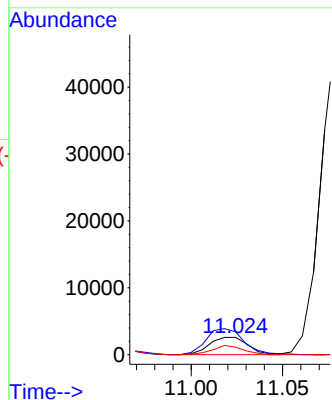
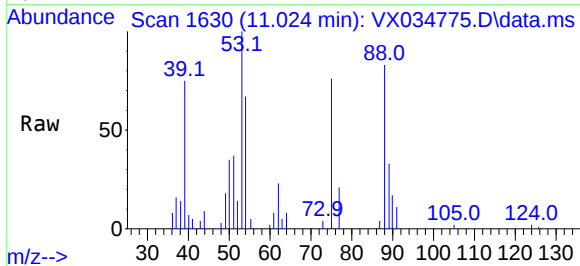




#77  
t-1,4-Dichloro-2-butene  
Concen: 3.465 ug/l  
RT: 11.024 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

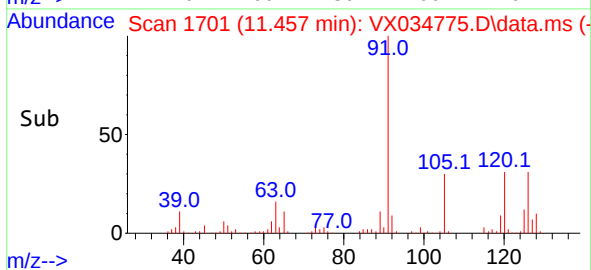
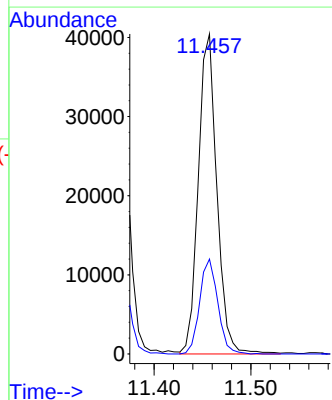
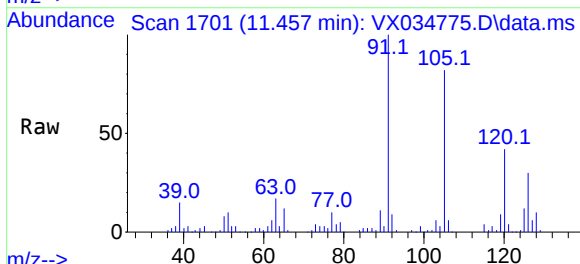
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

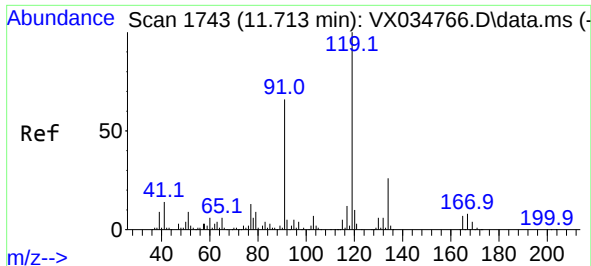
Tgt Ion: 75 Resp: 3802  
Ion Ratio Lower Upper  
75 100  
53 132.3 55.5 166.3  
89 43.2 23.3 69.8



#78  
4-Chlorotoluene  
Concen: 5.429 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion: 91 Resp: 54061  
Ion Ratio Lower Upper  
91 100  
126 28.9 0.0 65.2

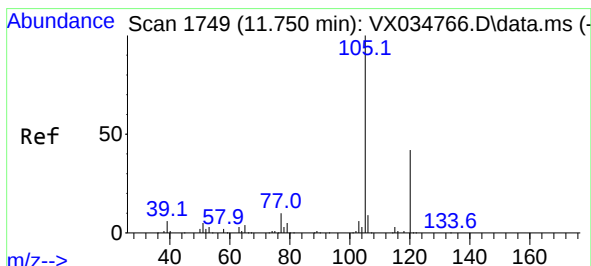
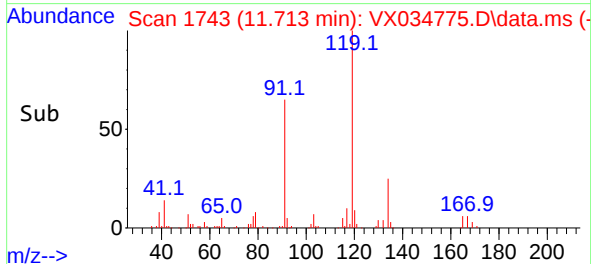
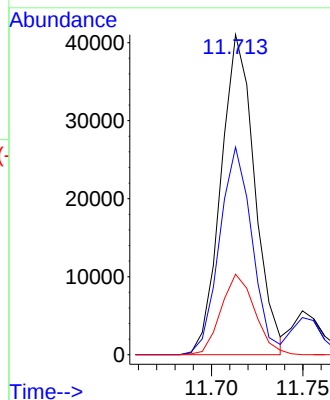
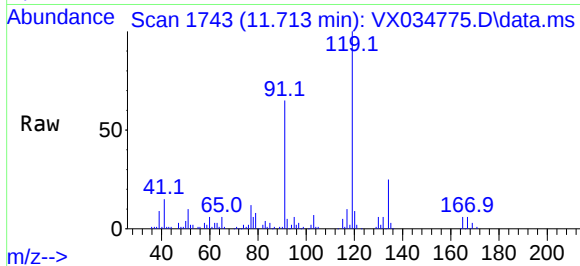




#79  
tert-butylbenzene  
Concen: 4.891 ug/l  
RT: 11.713 min Scan# 1743  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

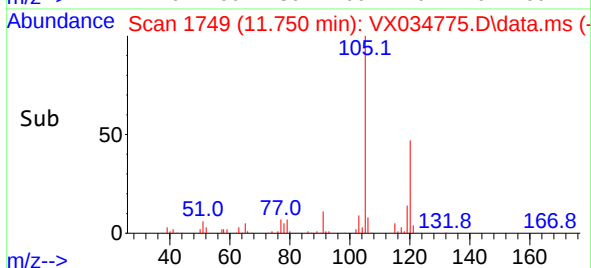
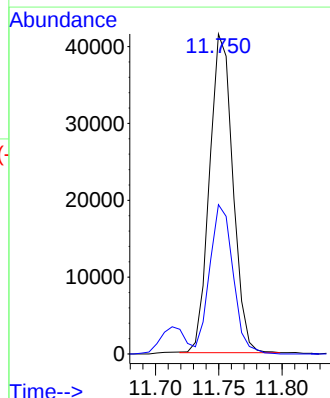
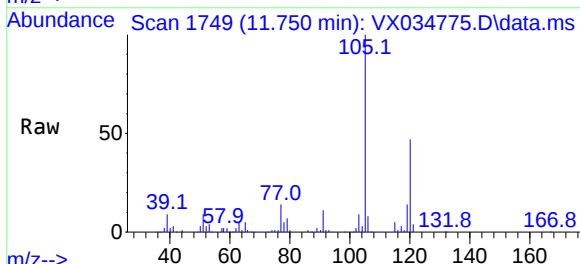
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

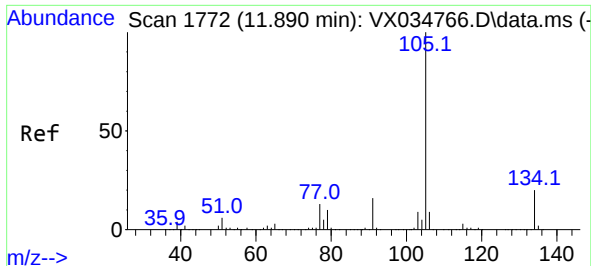
Tgt Ion:119 Resp: 52756  
Ion Ratio Lower Upper  
119 100  
91 62.7 0.0 108.4  
134 25.1 0.0 50.0



#80  
1,2,4-Trimethylbenzene  
Concen: 5.006 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion:105 Resp: 53106  
Ion Ratio Lower Upper  
105 100  
120 46.9 0.0 93.4

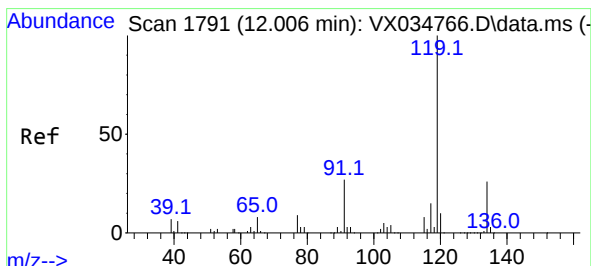
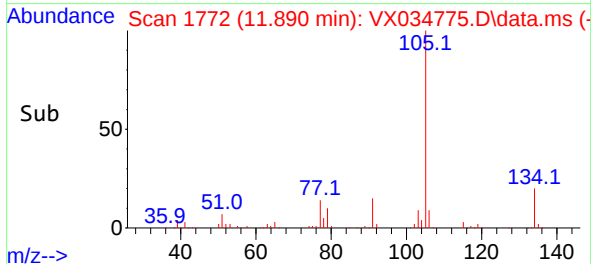
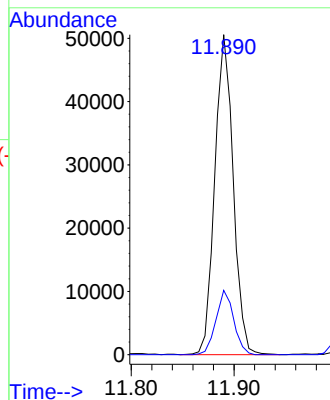
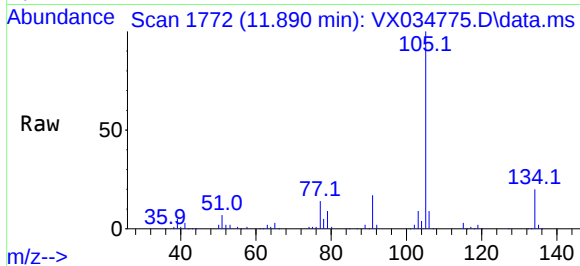




#81  
 sec-Butylbenzene  
 Concen: 4.795 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. -0.000 min  
 Lab File: VX034775.D  
 Acq: 28 Mar 2023 03:11

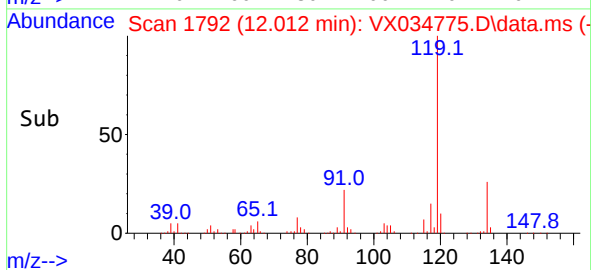
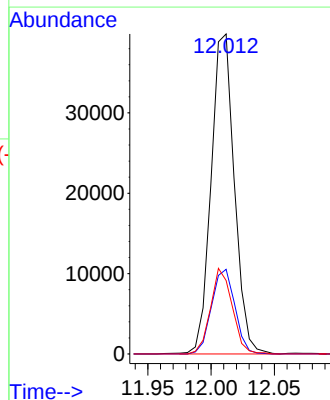
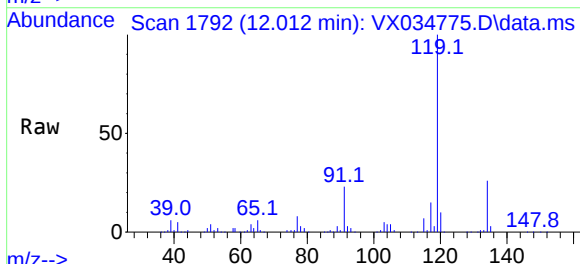
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2023

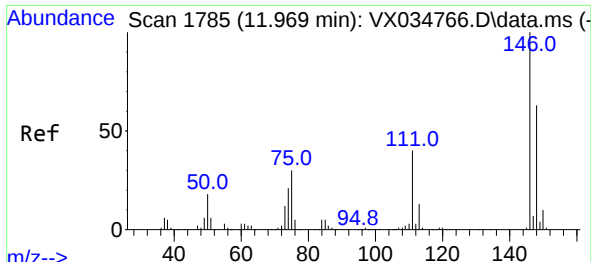
Tgt Ion:105 Resp: 62834  
 Ion Ratio Lower Upper  
 105 100  
 134 19.4 0.0 43.8



#82  
 p-Isopropyltoluene  
 Concen: 4.525 ug/l  
 RT: 12.012 min Scan# 1792  
 Delta R.T. 0.006 min  
 Lab File: VX034775.D  
 Acq: 28 Mar 2023 03:11

Tgt Ion:119 Resp: 50933  
 Ion Ratio Lower Upper  
 119 100  
 134 26.5 0.0 54.2  
 91 24.9 0.0 41.8

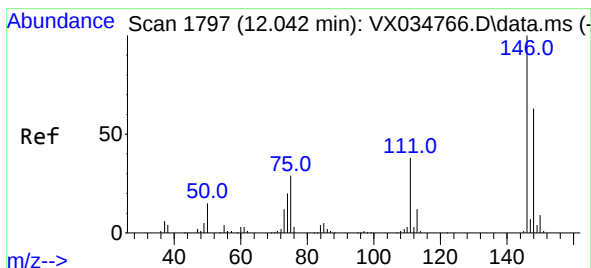
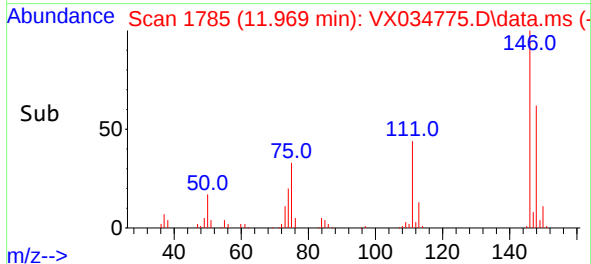
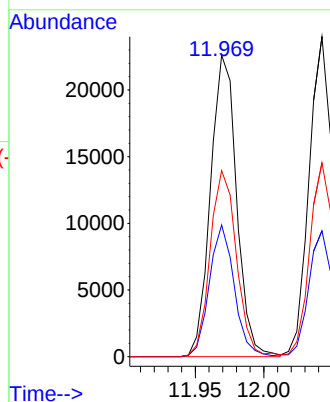
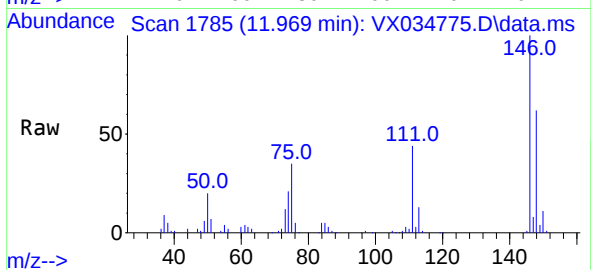




#83  
1,3-Dichlorobenzene  
Concen: 4.801 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

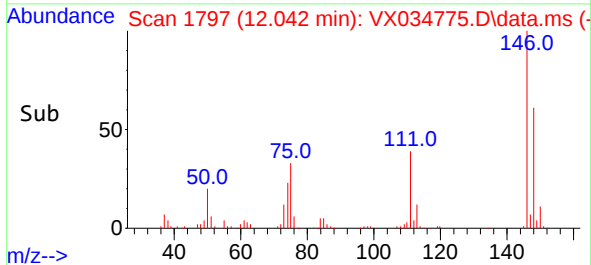
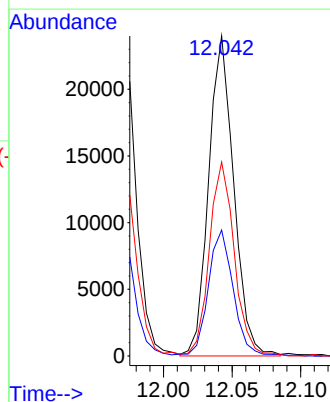
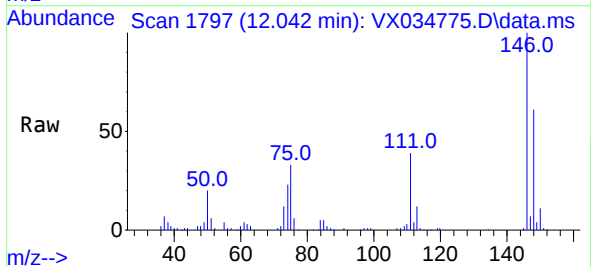
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

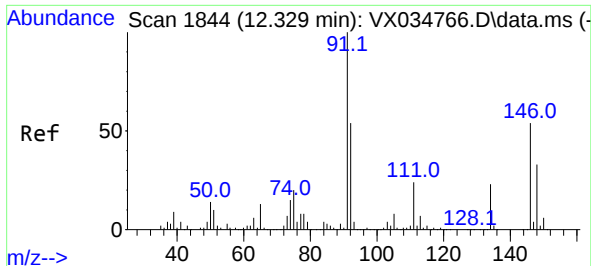
Tgt Ion:146 Resp: 29926  
Ion Ratio Lower Upper  
146 100  
111 41.9 18.4 55.2  
148 62.4 32.1 96.5



#84  
1,4-Dichlorobenzene  
Concen: 4.886 ug/l  
RT: 12.042 min Scan# 1797  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Tgt Ion:146 Resp: 30521  
Ion Ratio Lower Upper  
146 100  
111 37.6 17.8 53.4  
148 60.3 32.1 96.5





#85

n-Butylbenzene

Concen: 4.431 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX034775.D

Acq: 28 Mar 2023 03:11

Instrument :

MSVOA\_X

ClientSampleId :

LOQ-WATER-02-QT1-2023

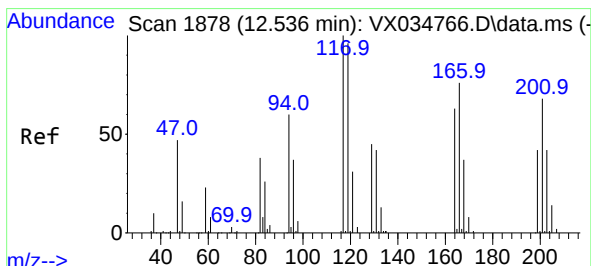
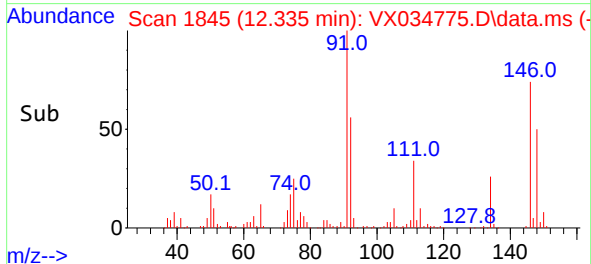
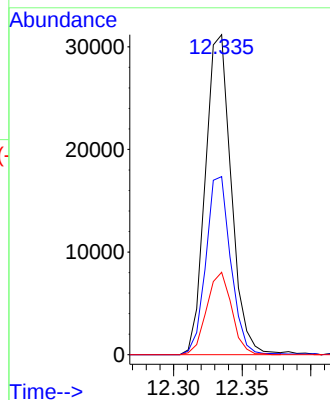
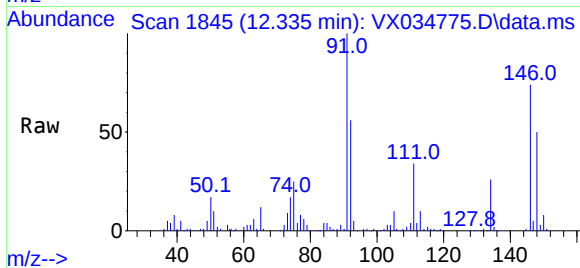
Tgt Ion: 91 Resp: 41035

Ion Ratio Lower Upper

91 100

92 53.4 0.0 109.0

134 24.9 0.0 57.8



#86

Hexachloroethane

Concen: 3.793 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX034775.D

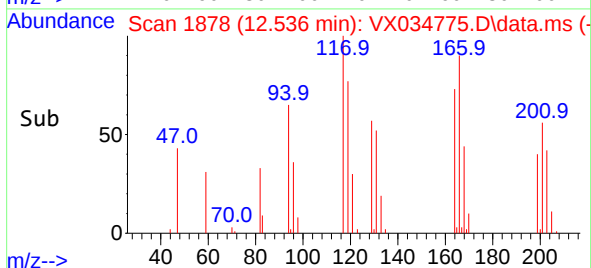
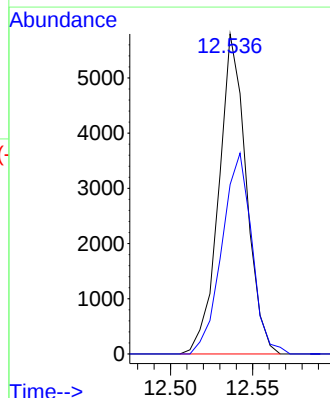
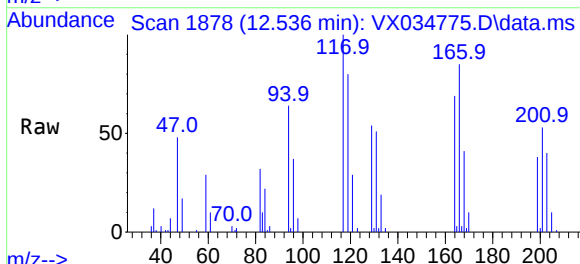
Acq: 28 Mar 2023 03:11

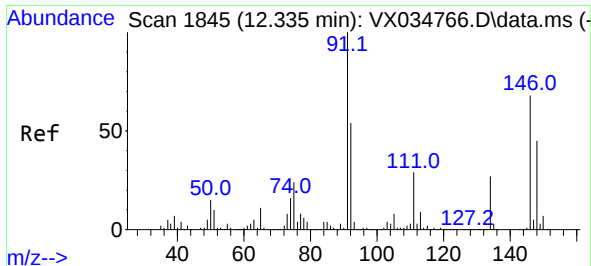
Tgt Ion: 117 Resp: 6737

Ion Ratio Lower Upper

117 100

201 68.4 46.3 138.8

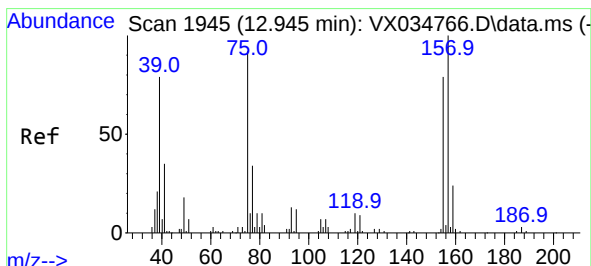
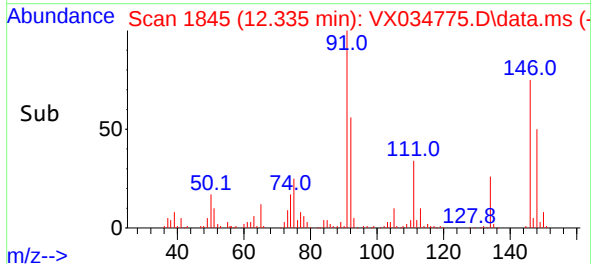
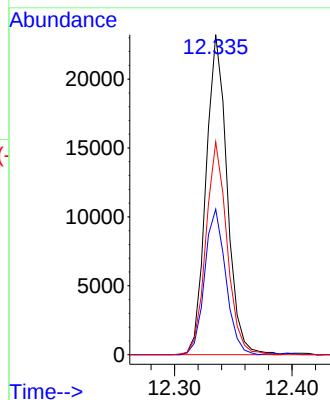
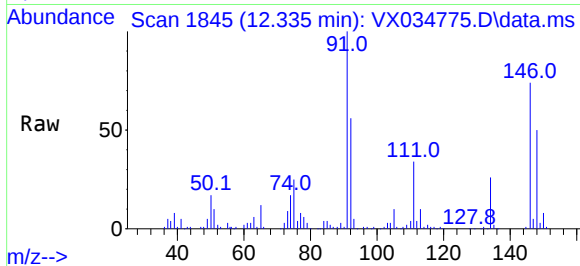




#87  
1,2-Dichlorobenzene  
Concen: 4.811 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

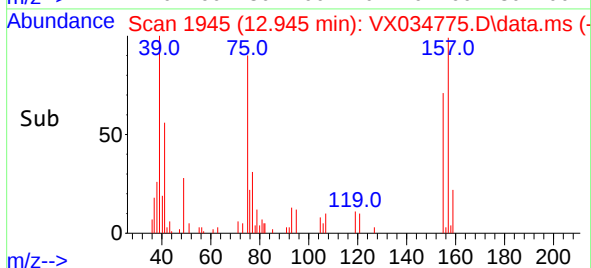
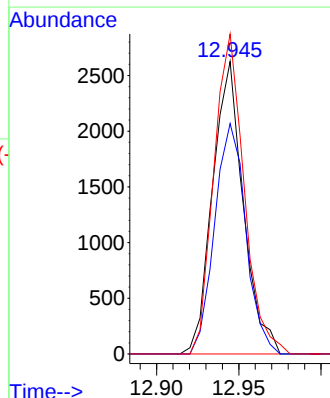
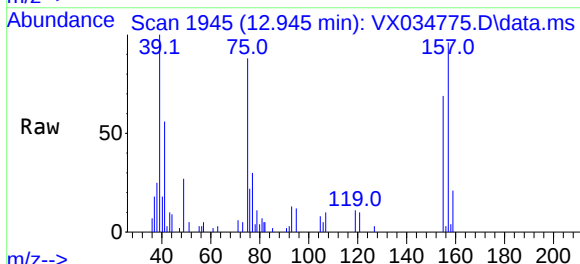
Instrument : MSVOA\_X  
ClientSampleId : LOQ-WATER-02-QT1-2023

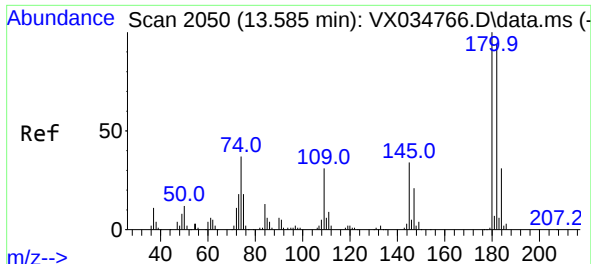
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 28984 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 45.4  | 18.8  | 56.4  |
| 148      | 66.5  | 31.7  | 95.1  |



#88  
1,2-Dibromo-3-Chloropropane  
Concen: 4.192 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 3407   |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 155      | 79.9  | 82.6  | 124.0# |
| 157      | 107.8 | 104.9 | 157.3  |

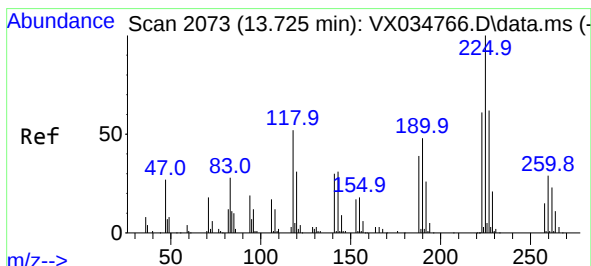
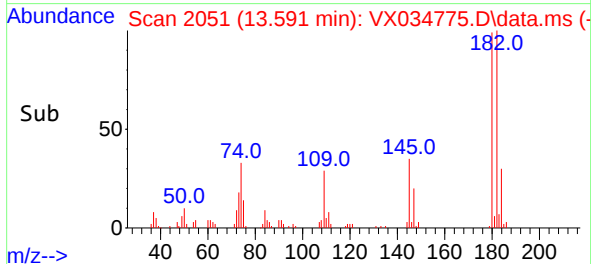
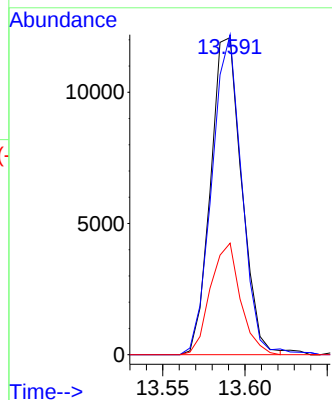
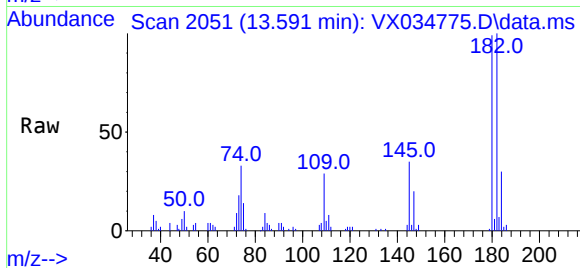




#89  
1,2,4-Trichlorobenzene  
Concen: 3.903 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. 0.006 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

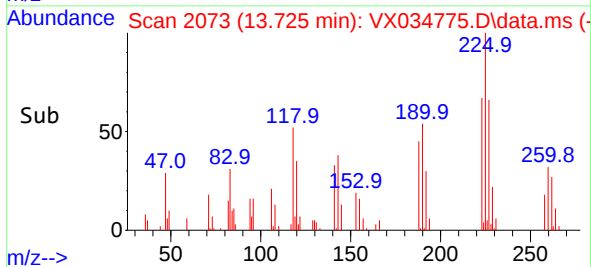
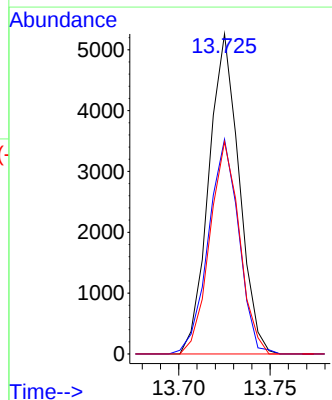
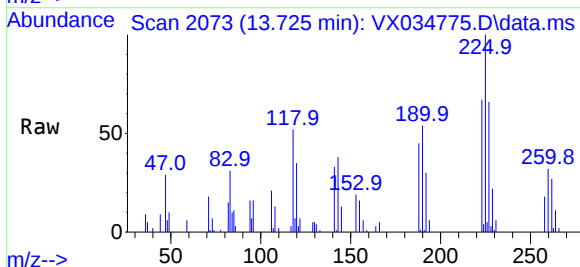
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

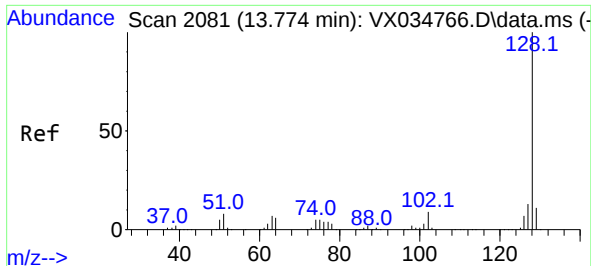
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 15894      |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 96.9  | 76.4 114.6 |
| 145         | 33.9  | 22.9 34.3  |



#90  
Hexachlorobutadiene  
Concen: 3.276 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 6077      |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 67.1  | 0.0 127.6 |
| 227         | 64.8  | 0.0 131.2 |

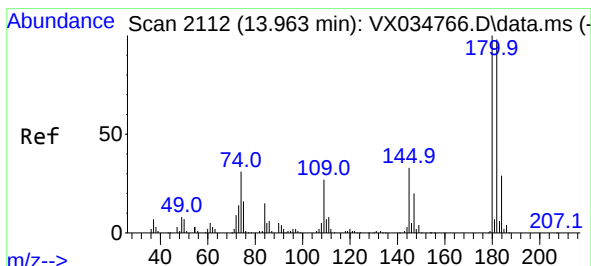
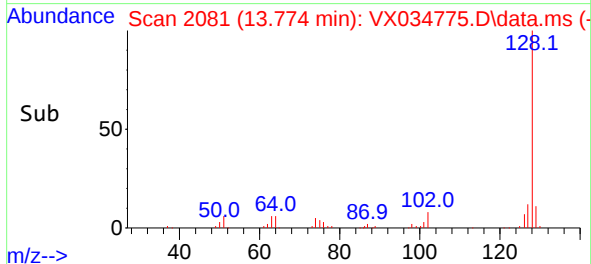
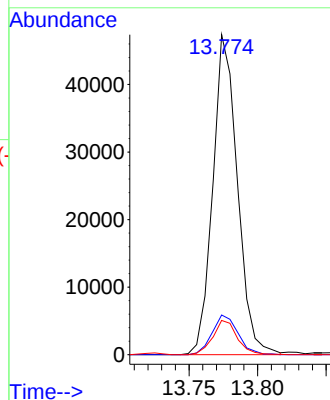
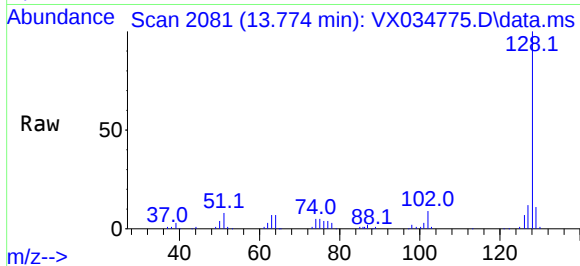




#91  
Naphthalene  
Concen: 4.749 ug/l  
RT: 13.774 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOQ-WATER-02-QT1-2023

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 59159     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 127         | 13.0  | 10.1 15.1 |
| 129         | 10.7  | 8.9 13.3  |



#92  
1,2,3-Trichlorobenzene  
Concen: 4.263 ug/l  
RT: 13.963 min Scan# 2112  
Delta R.T. -0.000 min  
Lab File: VX034775.D  
Acq: 28 Mar 2023 03:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:180 | Resp: | 17122     |
| Ion Ratio   | Lower | Upper     |
| 180         | 100   |           |
| 182         | 95.0  | 0.0 192.6 |
| 145         | 33.6  | 0.0 60.4  |

