

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071222\  
 Data File : VX030021.D  
 Acq On : 12 Jul 2022 15:54  
 Operator : JC/MD  
 Sample : N3214-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 13 09:24:02 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 223696   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 387893   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 337619   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 151201   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 137681   | 50.566   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | = 101.140% |      |
| 35) Dibromofluoromethane    | 5.391  | 113   | 124354   | 50.183   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.360% |      |
| 50) Toluene-d8              | 8.653  | 98    | 467595   | 50.173   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | = 100.340% |      |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 156373   | 48.350   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 96.700%  |      |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 828   | 0.349  | ug/l # | 61 |
| 3) Chloromethane             | 1.288 | 50  | 1070  | 0.459  | ug/l   | 96 |
| 4) Vinyl Chloride            | 1.374 | 62  | 1013  | 0.391  | ug/l   | 98 |
| 5) Bromomethane              | 1.605 | 94  | 877   | 0.797  | ug/l # | 68 |
| 6) Chloroethane              | 1.684 | 64  | 886   | 0.608  | ug/l # | 72 |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 1470  | 0.440  | ug/l # | 80 |
| 8) Diethyl Ether             | 2.136 | 74  | 639   | 0.462  | ug/l   | 72 |
| 9) 1,1,2-Trichlorotrifluo... | 2.331 | 101 | 1252  | 0.548  | ug/l # | 80 |
| 10) Methyl Iodide            | 2.453 | 142 | 768   | 0.409  | ug/l # | 91 |
| 11) Tert butyl alcohol       | 2.940 | 59  | 1100  | 1.565  | ug/l # | 89 |
| 12) 1,1-Dichloroethene       | 2.325 | 96  | 1069  | 0.469  | ug/l # | 72 |
| 13) Acrolein                 | 2.239 | 56  | 498   | 3.558  | ug/l # | 70 |
| 14) Allyl chloride           | 2.672 | 41  | 1839  | 0.462  | ug/l # | 86 |
| 15) Acrylonitrile            | 3.068 | 53  | 3540  | 2.217  | ug/l   | 96 |
| 16) Acetone                  | 2.392 | 43  | 3902  | 3.041  | ug/l   | 99 |
| 17) Carbon Disulfide         | 2.507 | 76  | 2719  | 0.474  | ug/l # | 94 |
| 18) Methyl Acetate           | 2.703 | 43  | 2089  | 0.535  | ug/l   | 93 |
| 19) Methyl tert-butyl Ether  | 3.123 | 73  | 2898  | 0.402  | ug/l   | 98 |
| 20) Methylene Chloride       | 2.794 | 84  | 2628  | 0.885  | ug/l   | 86 |
| 21) trans-1,2-Dichloroethene | 3.099 | 96  | 1040  | 0.438  | ug/l   | 84 |
| 22) Diisopropyl ether        | 3.763 | 45  | 3066  | 0.393  | ug/l   | 93 |
| 23) Vinyl Acetate            | 3.727 | 43  | 12551 | 1.902  | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 1713  | 0.397  | ug/l # | 90 |
| 25) 2-Butanone               | 4.580 | 43  | 5316  | 2.432  | ug/l   | 91 |
| 26) 2,2-Dichloropropane      | 4.489 | 77  | 1491  | 0.491  | ug/l # | 61 |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 680   | 0.234  | ug/l # | 1  |
| 29) Tetrahydrofuran          | 5.037 | 42  | 3513  | 2.369  | ug/l # | 87 |
| 30) Chloroform               | 5.092 | 83  | 1831  | 0.425  | ug/l   | 97 |
| 31) Cyclohexane              | 5.470 | 56  | 1543  | 0.391  | ug/l # | 70 |
| 32) 1,1,1-Trichloroethane    | 5.391 | 97  | 1730  | 0.492  | ug/l # | 46 |
| 36) 1,1-Dichloropropene      | 5.684 | 75  | 970   | 0.303  | ug/l # | 83 |
| 37) Ethyl Acetate            | 4.727 | 43  | 2117  | 0.515  | ug/l # | 88 |
| 38) Carbon Tetrachloride     | 5.672 | 117 | 774   | 0.259  | ug/l # | 81 |
| 39) Methylcyclohexane        | 7.379 | 83  | 1618  | 0.399  | ug/l # | 89 |
| 40) Benzene                  | 6.050 | 78  | 4567  | 0.453  | ug/l   | 97 |
| 41) Methacrylonitrile        | 4.922 | 41  | 592   | 0.267  | ug/l # | 69 |

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 Sample : N3214-07  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 13 09:24:02 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 1515     | 0.485  | ug/l   | 78       |
| 43) Isopropyl Acetate         | 6.354  | 43   | 2748     | 0.444  | ug/l # | 94       |
| 44) Trichloroethene           | 7.141  | 130  | 1974     | 0.671  | ug/l   | 78       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 1272     | 0.486  | ug/l   | 91       |
| 46) Dibromomethane            | 7.586  | 93   | 840      | 0.466  | ug/l # | 90       |
| 47) Bromodichloromethane      | 7.830  | 83   | 1229     | 0.376  | ug/l # | 88       |
| 48) Methyl methacrylate       | 7.702  | 41   | 1534     | 0.538  | ug/l # | 84       |
| 49) 1,4-Dioxane               | 7.683  | 88   | 559      | 7.540  | ug/l # | 60       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 8494     | 2.075  | ug/l   | 100      |
| 52) Toluene                   | 8.726  | 92   | 2820     | 0.441  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 1640     | 0.483  | ug/l # | 82       |
| 54) cis-1,3-Dichloropropene   | 8.372  | 75   | 1752     | 0.450  | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 9.165  | 97   | 1089     | 0.413  | ug/l # | 78       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 1455     | 0.367  | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 9.317  | 76   | 1801     | 0.430  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.250  | 63   | 4038     | 1.875  | ug/l # | 86       |
| 59) 2-Hexanone                | 9.439  | 43   | 6700     | 2.135  | ug/l   | 100      |
| 60) Dibromochloromethane      | 9.524  | 129  | 1040     | 0.405  | ug/l   | 90       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 1099     | 0.400  | ug/l   | 97       |
| 64) Tetrachloroethene         | 9.275  | 164  | 1204     | 0.444  | ug/l # | 82       |
| 65) Chlorobenzene             | 10.085 | 112  | 2735     | 0.407  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 857      | 0.374  | ug/l # | 55       |
| 67) Ethyl Benzene             | 10.195 | 91   | 4916     | 0.431  | ug/l # | 88       |
| 68) m/p-Xylenes               | 10.305 | 106  | 4387     | 0.982  | ug/l   | 86       |
| 69) o-Xylene                  | 10.646 | 106  | 1787     | 0.399  | ug/l   | 85       |
| 70) Styrene                   | 10.658 | 104  | 3248     | 0.437  | ug/l   | 95       |
| 71) Bromoform                 | 10.805 | 173  | 810      | 0.440  | ug/l # | 93       |
| 73) Isopropylbenzene          | 10.963 | 105  | 4577     | 0.435  | ug/l   | 94       |
| 74) N-amyl acetate            | 10.847 | 43   | 2055     | 0.444  | ug/l   | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 1932     | 0.509  | ug/l   | 85       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 72466    | 20.845 | ug/l # | 38       |
| 77) Bromobenzene              | 11.201 | 156  | 1117     | 0.424  | ug/l   | 90       |
| 78) n-propylbenzene           | 11.305 | 91   | 5093     | 0.408  | ug/l   | 95       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 3449     | 0.461  | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 3681     | 0.415  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 72466    | 60.158 | ug/l # | 13       |
| 82) 4-Chlorotoluene           | 11.463 | 91   | 3748     | 0.447  | ug/l   | 97       |
| 83) tert-Butylbenzene         | 11.719 | 119  | 3864     | 0.454  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 3455     | 0.394  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.896 | 105  | 4432     | 0.394  | ug/l   | 95       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 3648     | 0.404  | ug/l   | 84       |
| 87) 1,3-Dichlorobenzene       | 11.975 | 146  | 2679     | 0.550  | ug/l   | 92       |
| 88) 1,4-Dichlorobenzene       | 11.975 | 146  | 2679     | 0.536  | ug/l   | 91       |
| 89) n-Butylbenzene            | 12.335 | 91   | 3273     | 0.405  | ug/l   | 92       |
| 90) Hexachloroethane          | 12.542 | 117  | 705      | 0.457  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 2193     | 0.444  | ug/l   | 86       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 465      | 0.536  | ug/l   | 73       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 1437     | 0.473  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 609      | 0.502  | ug/l   | 93       |
| 95) Naphthalene               | 13.780 | 128  | 5940     | 0.493  | ug/l # | 92       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 1411     | 0.457  | ug/l   | 92       |

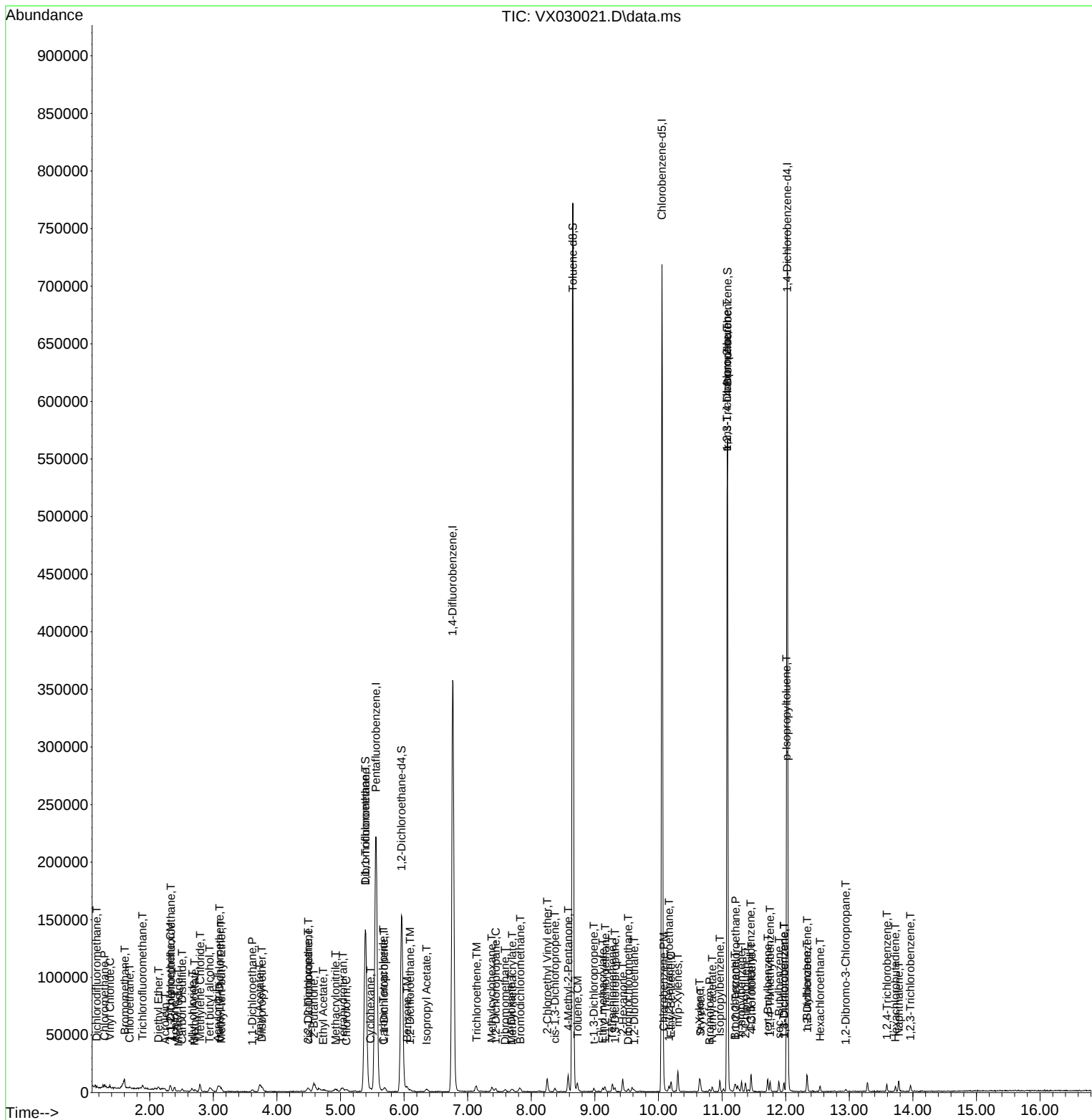
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071222\  
Data File : VX030021.D  
Acq On : 12 Jul 2022 15:54  
Operator : JC/MD  
Sample : N3214-07  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 13 09:25:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X071222W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 13 09:24:02 2022  
Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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Quant Title : SW846 8260  
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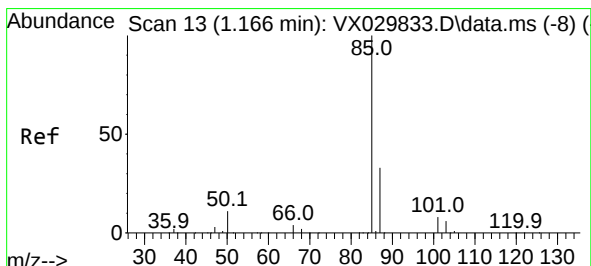
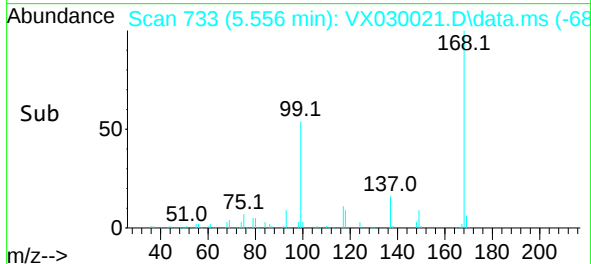
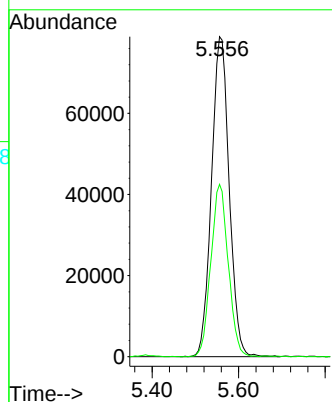
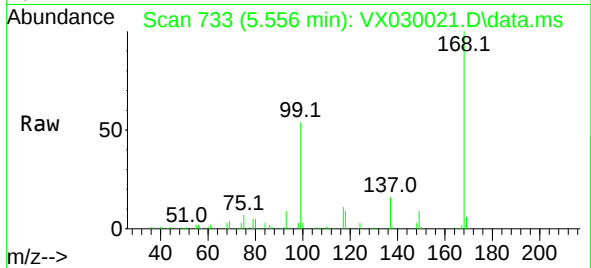




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

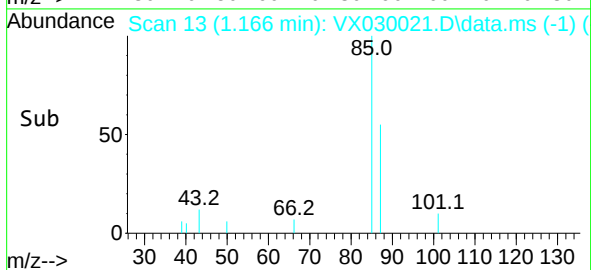
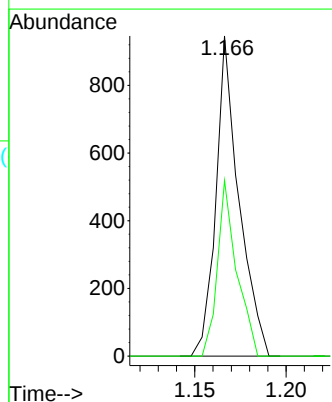
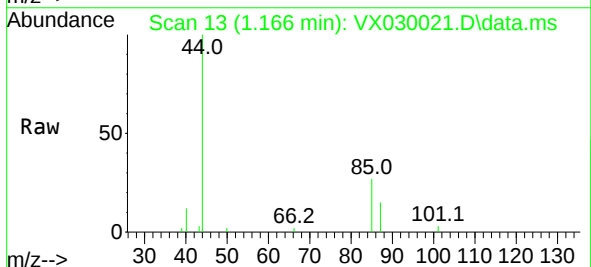
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

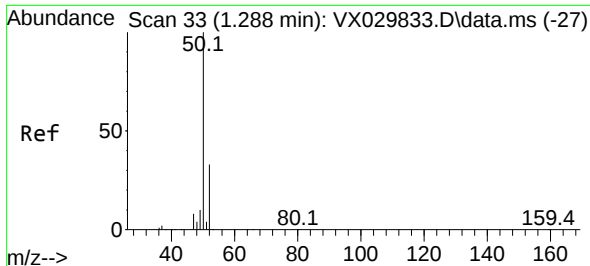
Tgt Ion:168 Resp: 223696  
Ion Ratio Lower Upper  
168 100  
99 53.9 44.0 66.0



#2  
Dichlorodifluoromethane  
Concen: 0.349 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 85 Resp: 828  
Ion Ratio Lower Upper  
85 100  
87 54.9 16.5 49.5#

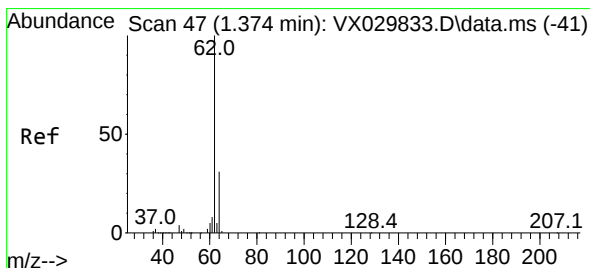
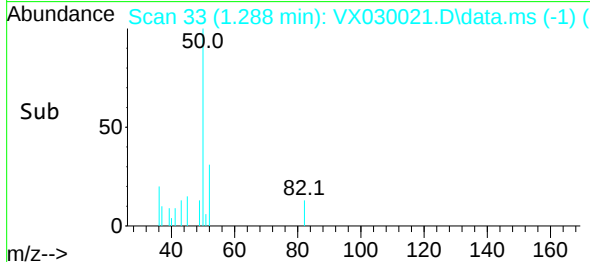
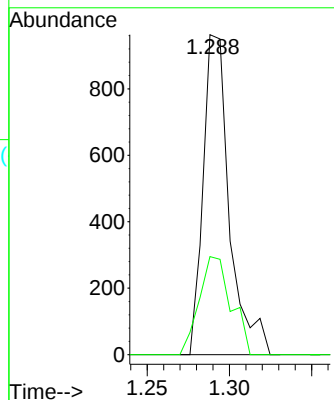
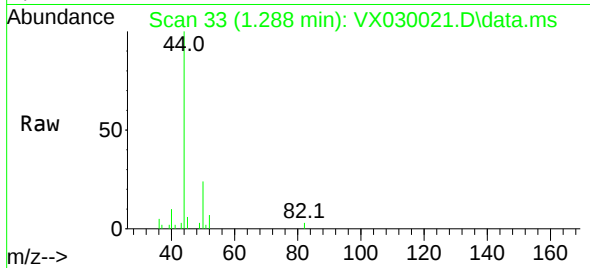




#3  
Chloromethane  
Concen: 0.459 ug/l  
RT: 1.288 min Scan# 33  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

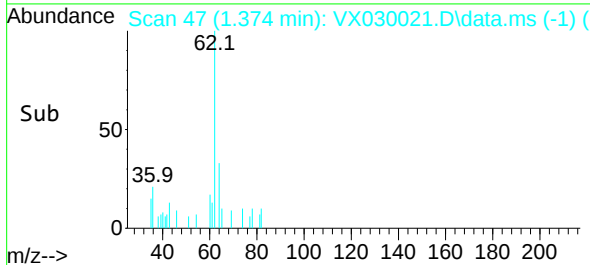
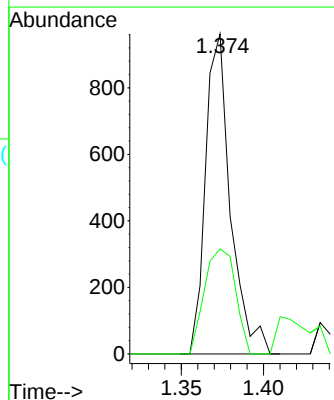
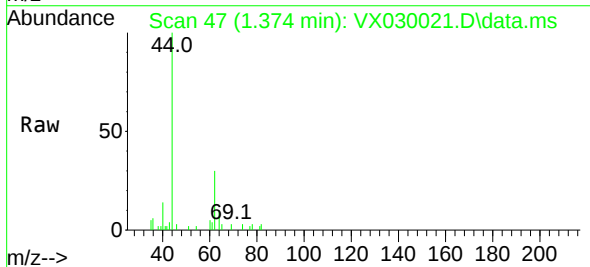
Instrument :  
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ClientSampleId :  
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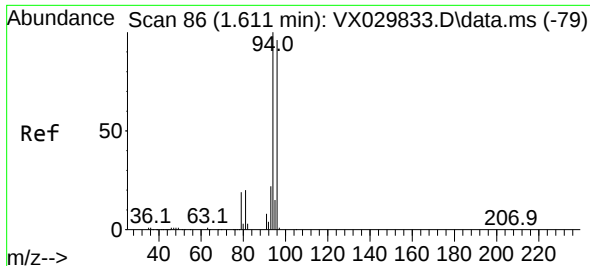
Tgt Ion: 50 Resp: 1070  
Ion Ratio Lower Upper  
50 100  
52 30.6 26.3 39.5



#4  
Vinyl Chloride  
Concen: 0.391 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 62 Resp: 1013  
Ion Ratio Lower Upper  
62 100  
64 32.8 25.2 37.8

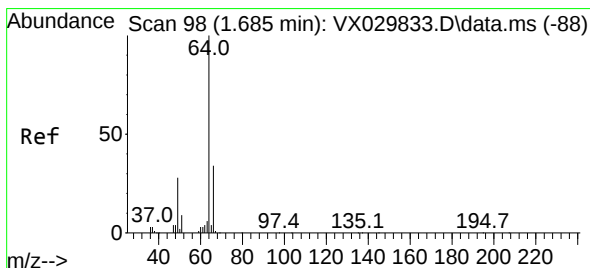
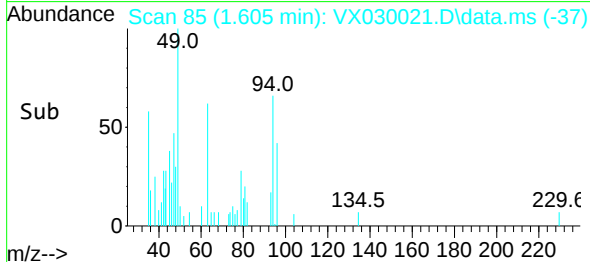
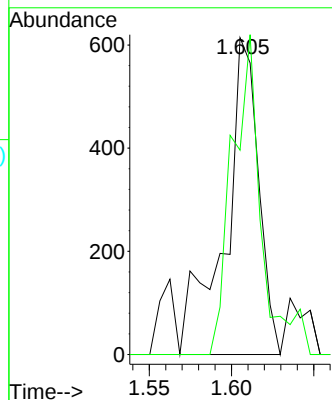
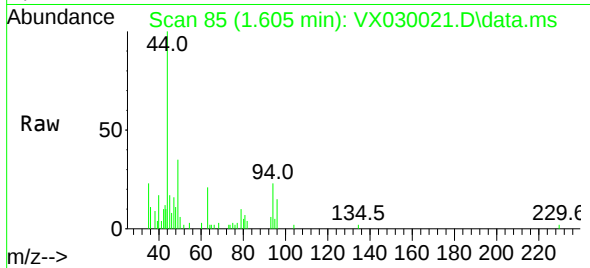




#5  
Bromomethane  
Concen: 0.797 ug/l  
RT: 1.605 min Scan# 86  
Delta R.T. -0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

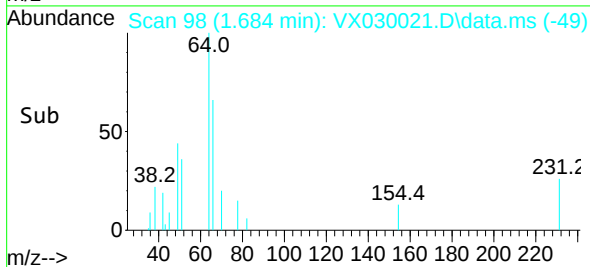
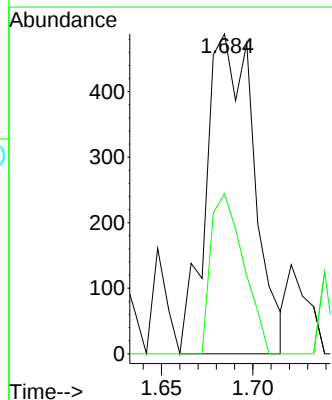
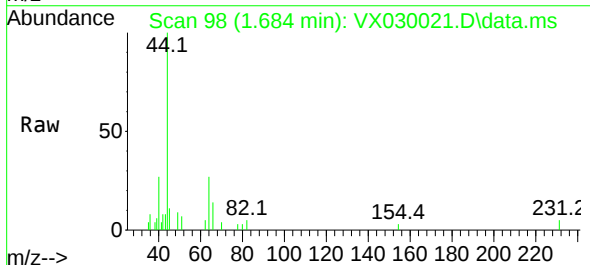
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

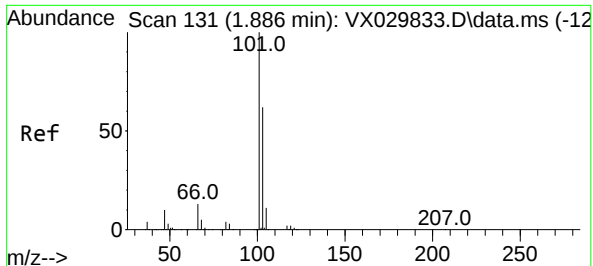
Tgt Ion: 94 Resp: 877  
Ion Ratio Lower Upper  
94 100  
96 64.5 76.9 115.3#



#6  
Chloroethane  
Concen: 0.608 ug/l  
RT: 1.684 min Scan# 98  
Delta R.T. -0.001 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 64 Resp: 886  
Ion Ratio Lower Upper  
64 100  
66 50.0 27.2 40.8#

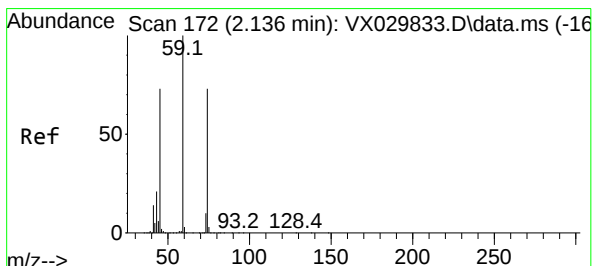
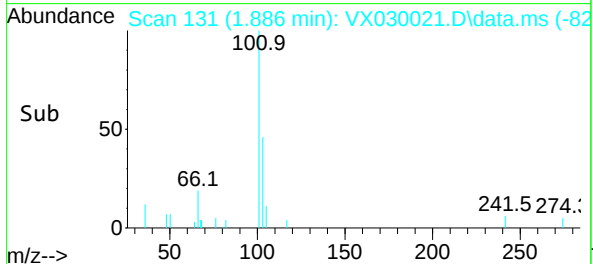
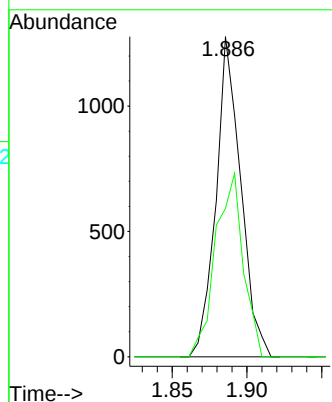
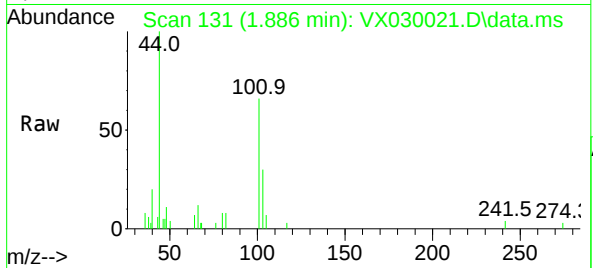




#7  
 Trichlorofluoromethane  
 Concen: 0.440 ug/l  
 RT: 1.886 min Scan# 131  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

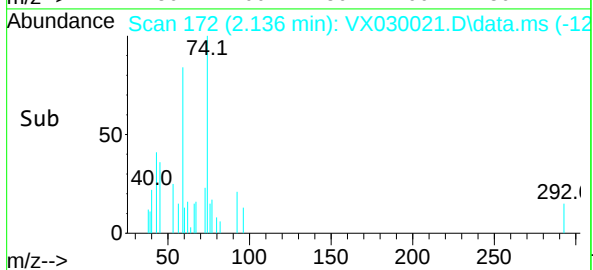
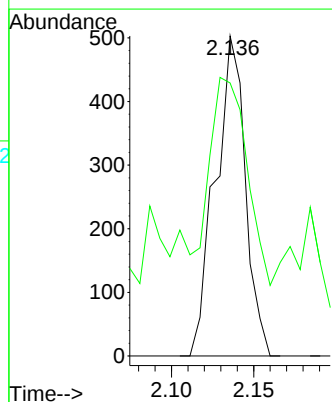
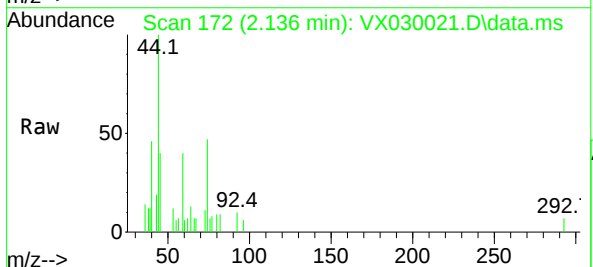
Instrument : MSVOA\_X  
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 1470  
 Ion Ratio Lower Upper  
 101 100  
 103 46.4 49.7 74.5#



#8  
 Diethyl Ether  
 Concen: 0.462 ug/l  
 RT: 2.136 min Scan# 172  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

Tgt Ion: 74 Resp: 639  
 Ion Ratio Lower Upper  
 74 100  
 45 131.1 51.5 154.7

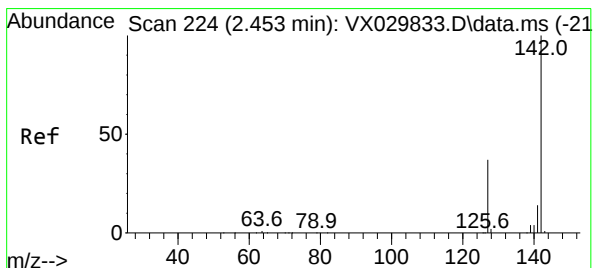
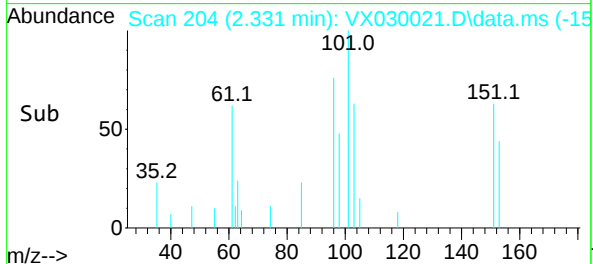
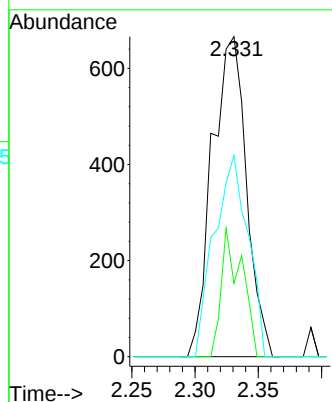
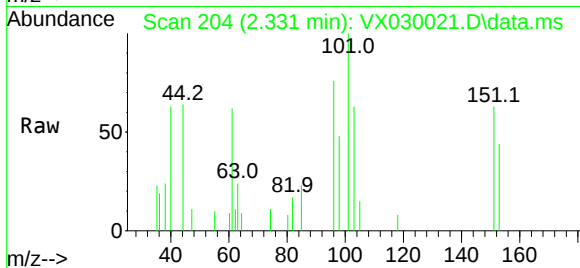




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.548 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

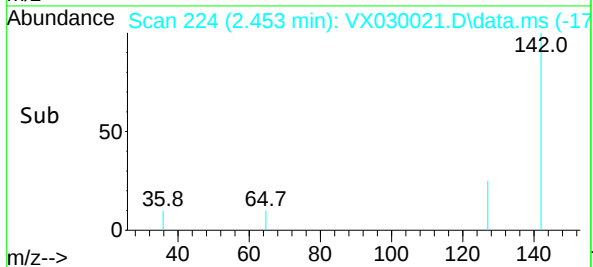
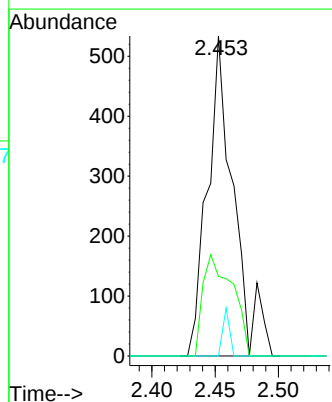
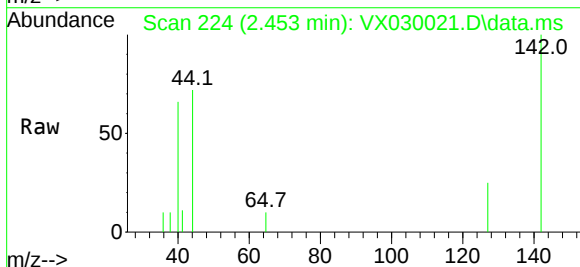
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:101 Resp: 1252  
Ion Ratio Lower Upper  
101 100  
85 24.0 34.0 51.0#  
151 62.1 59.4 89.0



#10  
Methyl Iodide  
Concen: 0.409 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion:142 Resp: 768  
Ion Ratio Lower Upper  
142 100  
127 35.7 30.2 45.2  
141 3.8 11.3 16.9#





#11

Tert butyl alcohol

Concen: 1.565 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

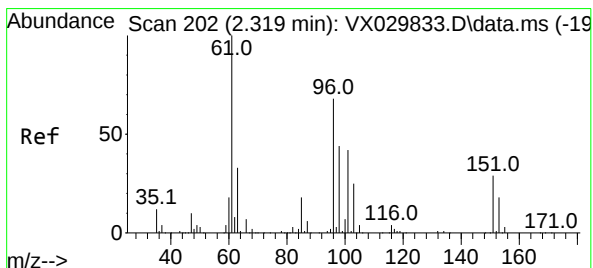
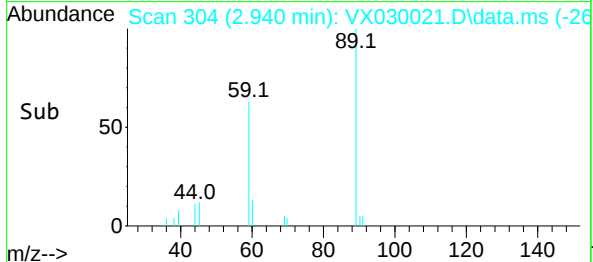
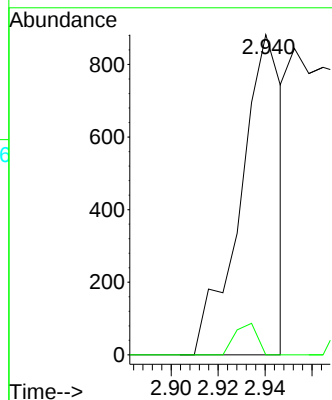
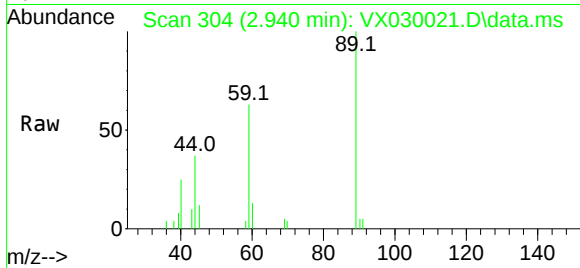
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 59 Resp: 1100

Ion Ratio Lower Upper

59 100

57 5.2 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.469 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

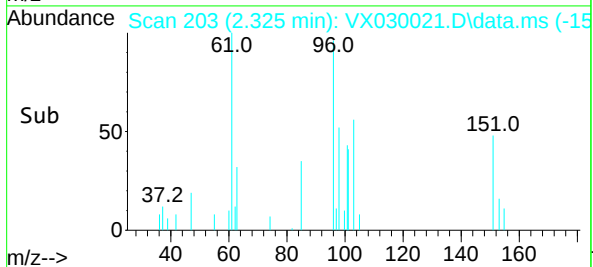
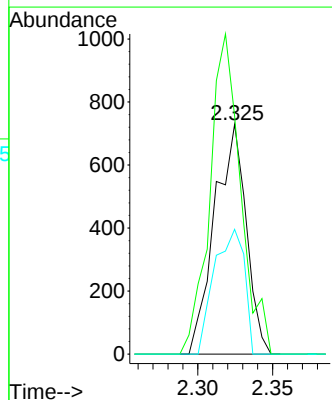
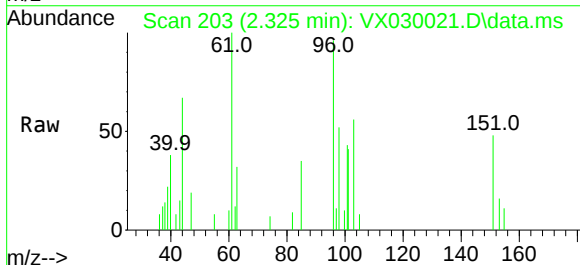
Tgt Ion: 96 Resp: 1069

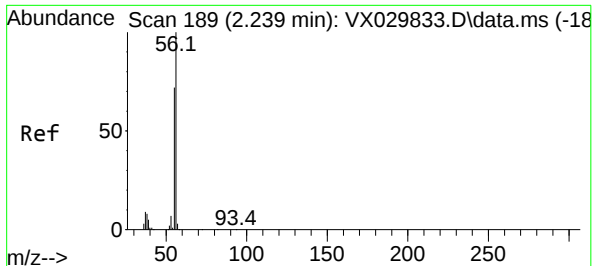
Ion Ratio Lower Upper

96 100

61 103.7 117.4 176.0#

98 54.3 52.2 78.4

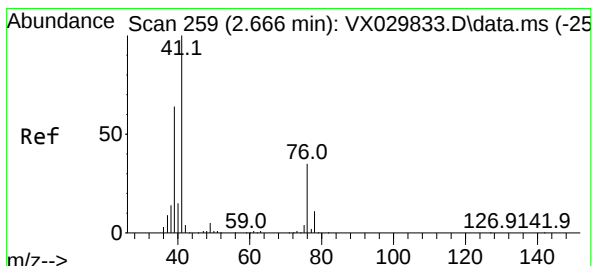
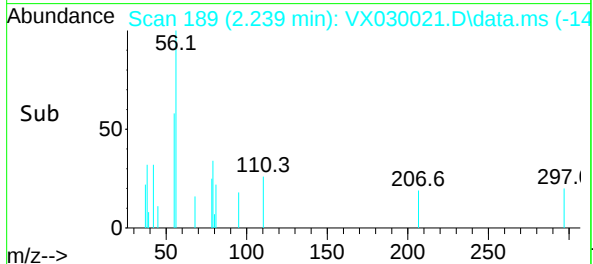
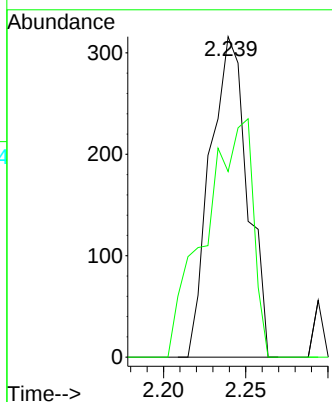
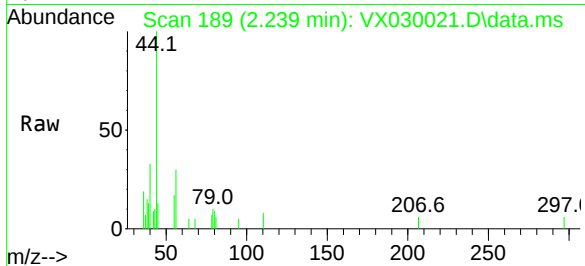




#13  
Acrolein  
Concen: 3.558 ug/l  
RT: 2.239 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

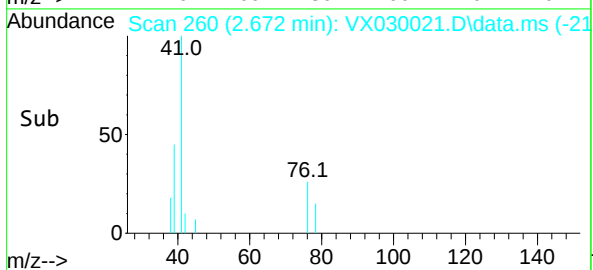
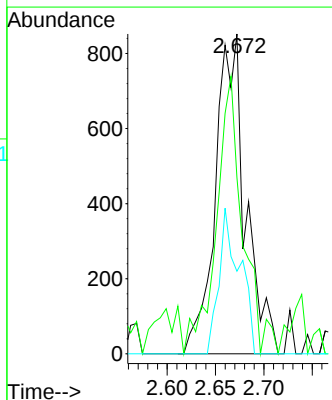
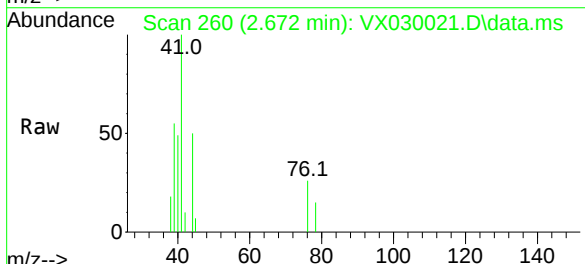
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

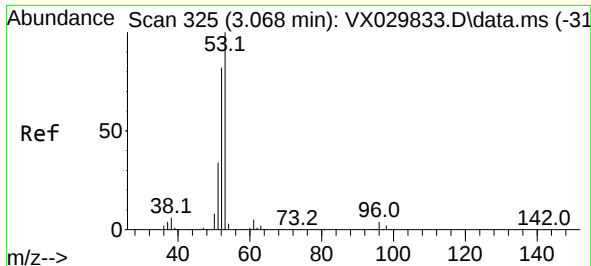
Tgt Ion: 56 Resp: 498  
Ion Ratio Lower Upper  
56 100  
55 95.2 56.6 84.8#



#14  
Allyl chloride  
Concen: 0.462 ug/l  
RT: 2.672 min Scan# 260  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 41 Resp: 1839  
Ion Ratio Lower Upper  
41 100  
39 76.3 48.9 73.3#  
76 31.4 26.9 40.3

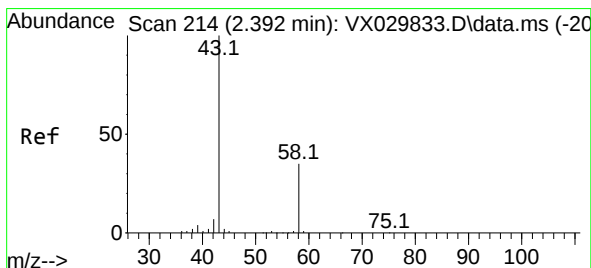
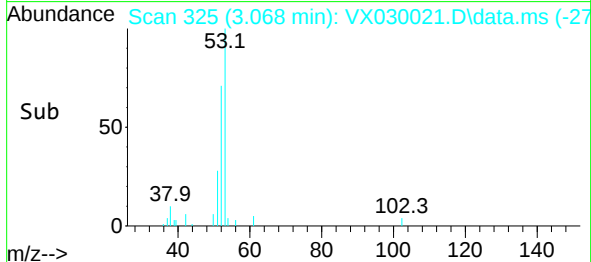
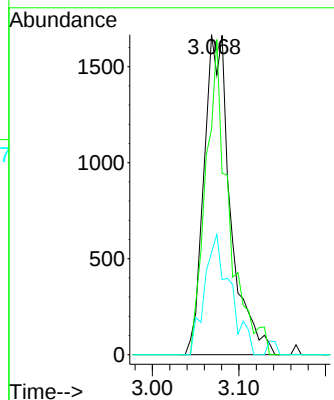
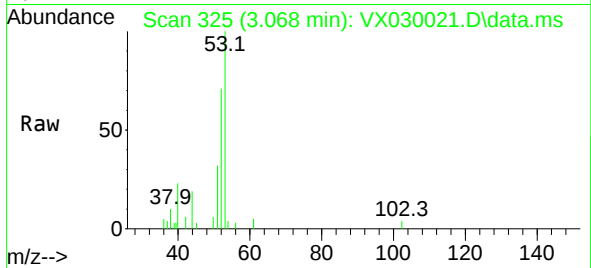




#15  
Acrylonitrile  
Concen: 2.217 ug/l  
RT: 3.068 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

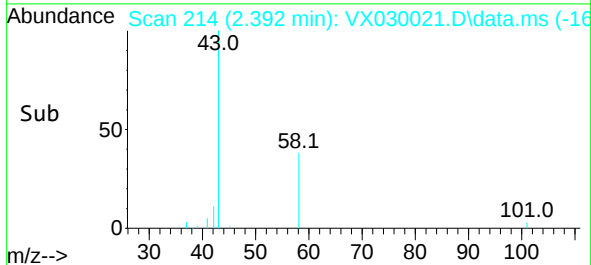
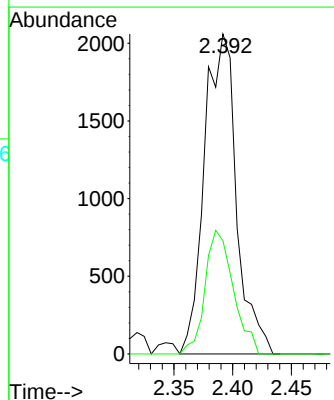
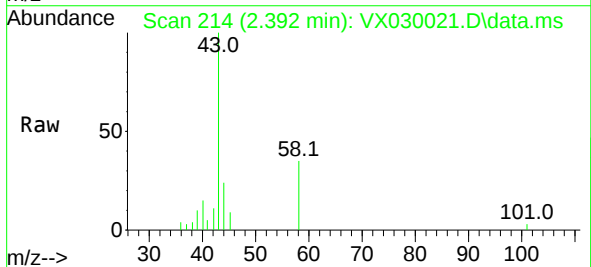
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

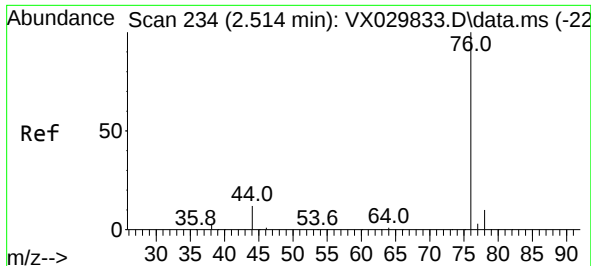
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 53 | Resp: | 3540      |
| Ion Ratio   | Lower | Upper     |
| 53          | 100   |           |
| 52          | 85.4  | 65.4 98.0 |
| 51          | 36.4  | 27.7 41.5 |



#16  
Acetone  
Concen: 3.041 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 43 | Resp: | 3902      |
| Ion Ratio   | Lower | Upper     |
| 43          | 100   |           |
| 58          | 35.4  | 27.7 41.5 |

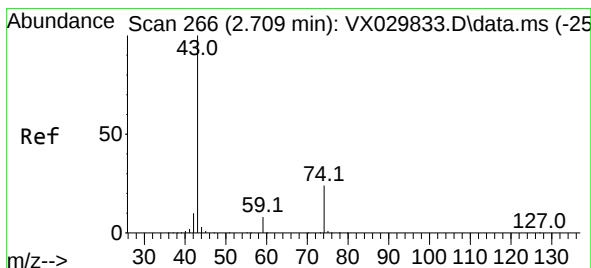
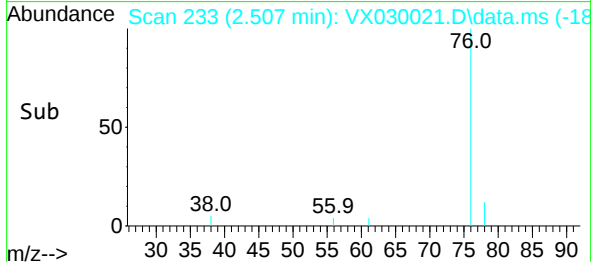
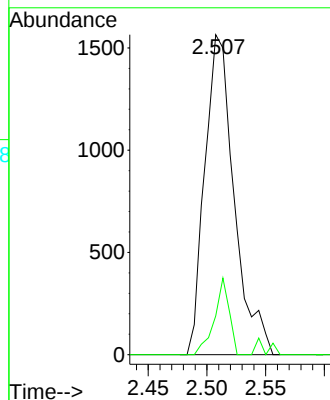
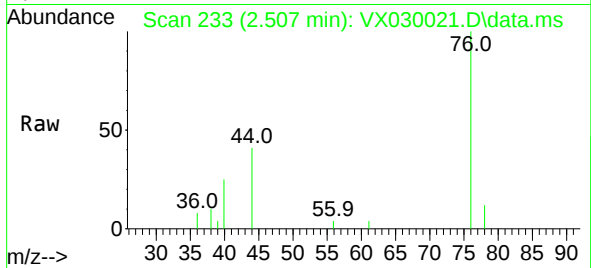




#17  
Carbon Disulfide  
Concen: 0.474 ug/l  
RT: 2.507 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

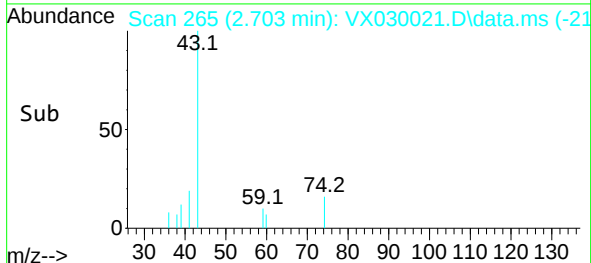
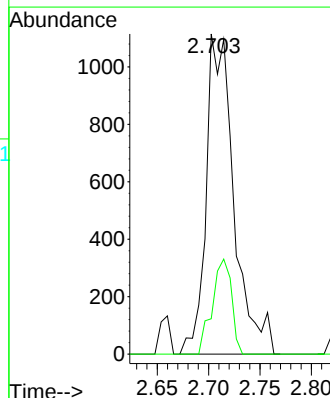
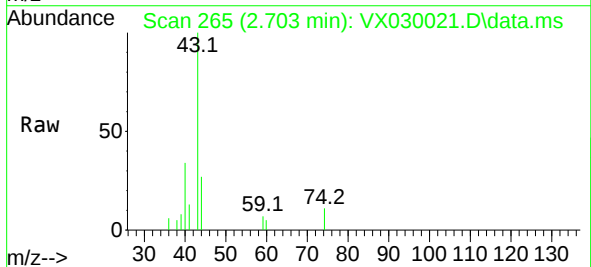
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

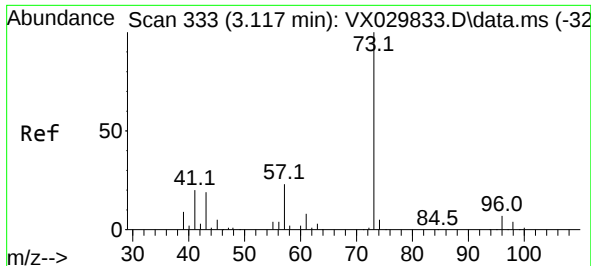
Tgt Ion: 76 Resp: 2719  
Ion Ratio Lower Upper  
76 100  
78 12.1 7.8 11.6#



#18  
Methyl Acetate  
Concen: 0.535 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. -0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 43 Resp: 2089  
Ion Ratio Lower Upper  
43 100  
74 20.6 19.4 29.2

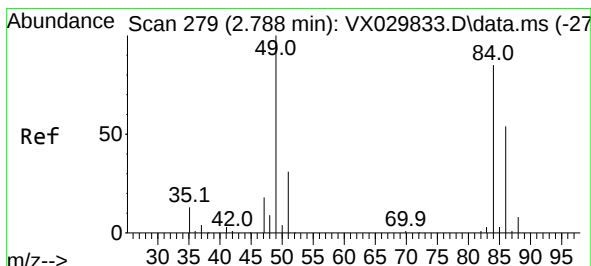
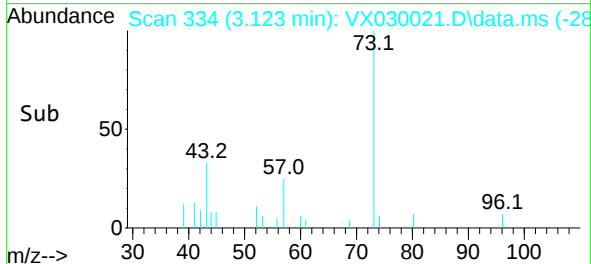
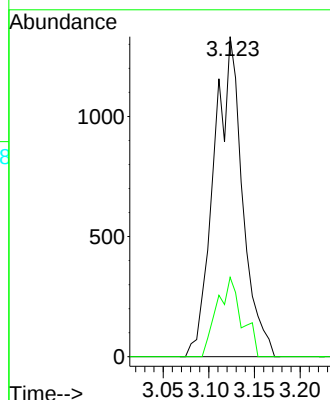
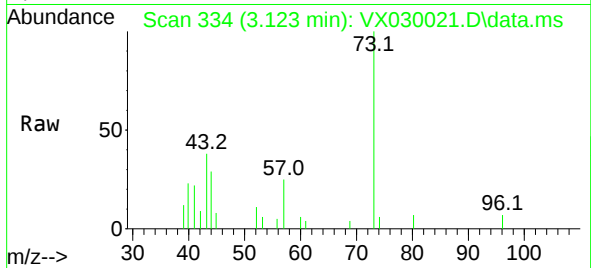




#19  
Methyl tert-butyl Ether  
Concen: 0.402 ug/l  
RT: 3.123 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

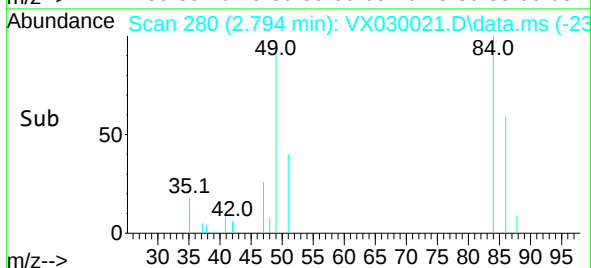
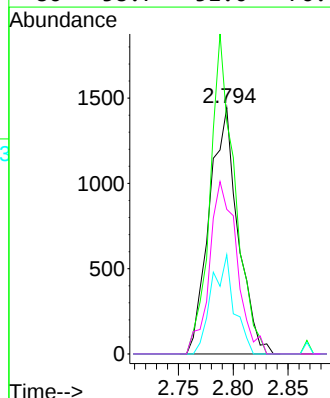
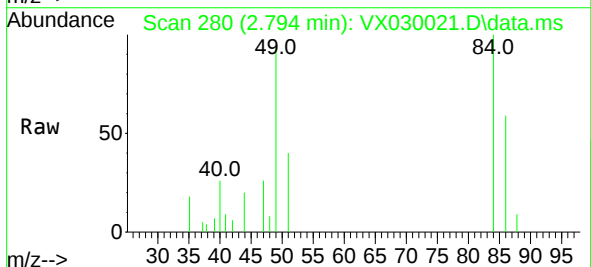
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 73 Resp: 2898  
Ion Ratio Lower Upper  
73 100  
57 24.8 19.0 28.6



#20  
Methylene Chloride  
Concen: 0.885 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

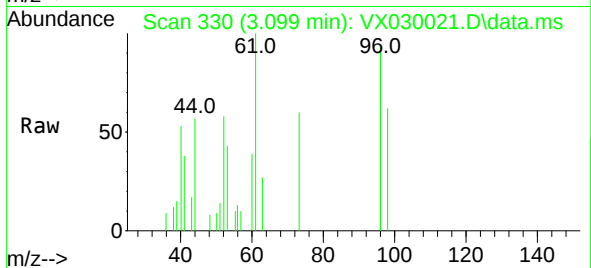
Tgt Ion: 84 Resp: 2628  
Ion Ratio Lower Upper  
84 100  
49 94.3 93.8 140.6  
51 40.3 29.4 44.0  
86 58.7 51.0 76.4



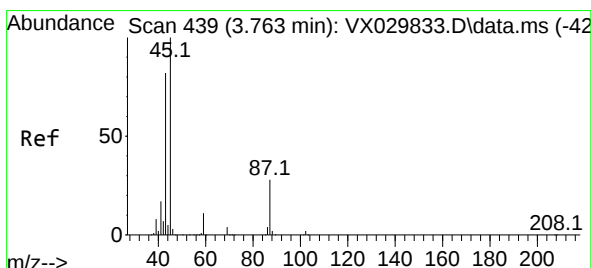
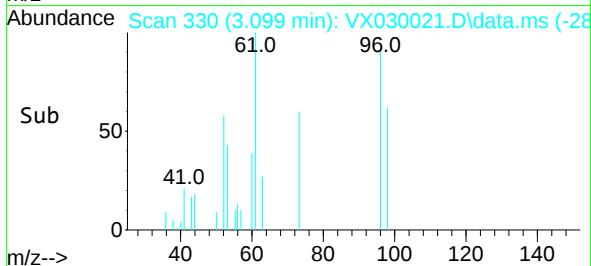
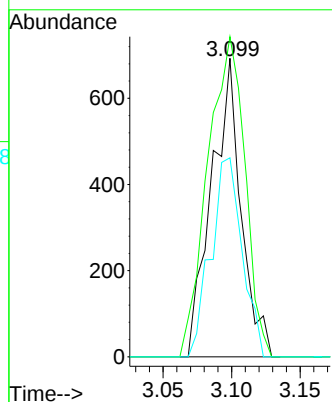


#21  
trans-1,2-Dichloroethene  
Concen: 0.438 ug/l  
RT: 3.099 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

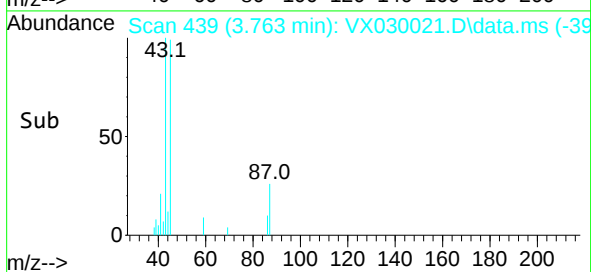
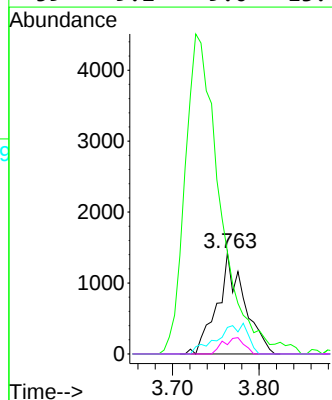
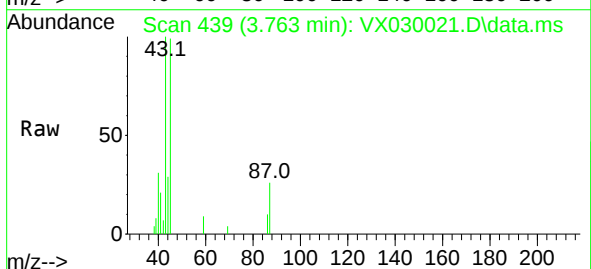


Tgt Ion: 96 Resp: 1040  
Ion Ratio Lower Upper  
96 100  
61 107.2 105.6 158.4  
98 66.7 50.1 75.1



#22  
Diisopropyl ether  
Concen: 0.393 ug/l  
RT: 3.763 min Scan# 439  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 45 Resp: 3066  
Ion Ratio Lower Upper  
45 100  
43 89.1 65.4 98.0  
87 26.2 22.3 33.5  
59 9.2 9.0 13.4

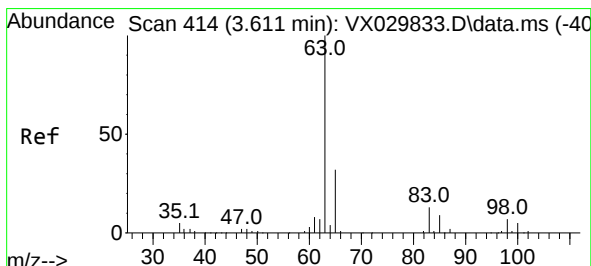
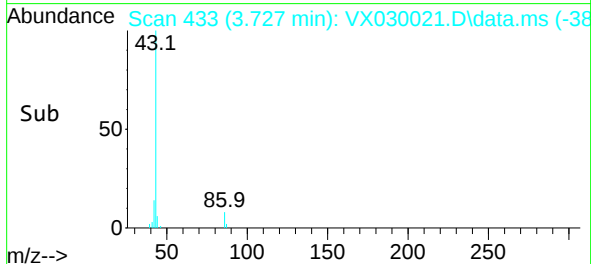
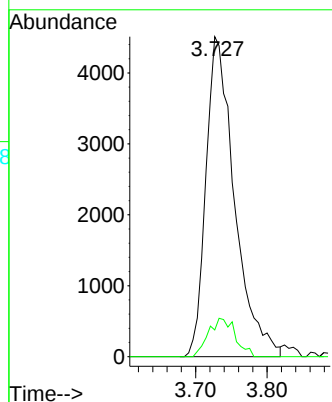
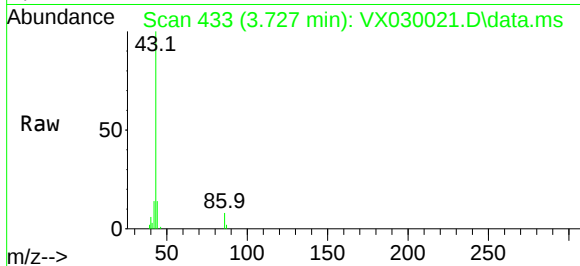




#23  
 Vinyl Acetate  
 Concen: 1.902 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

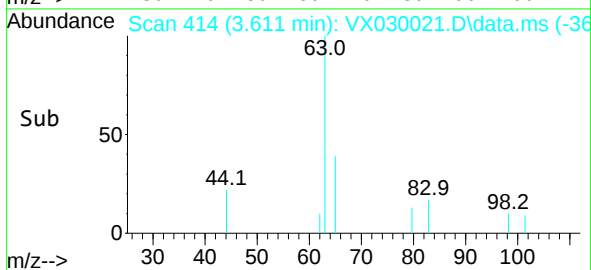
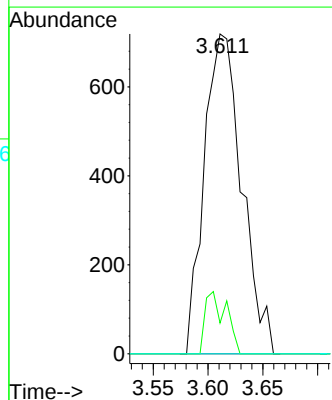
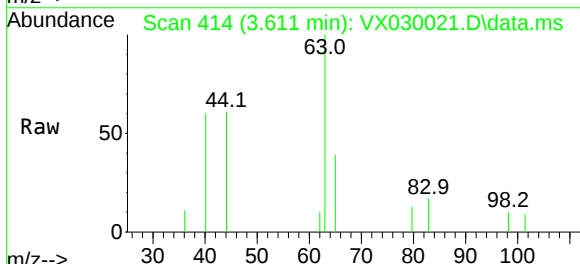
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022

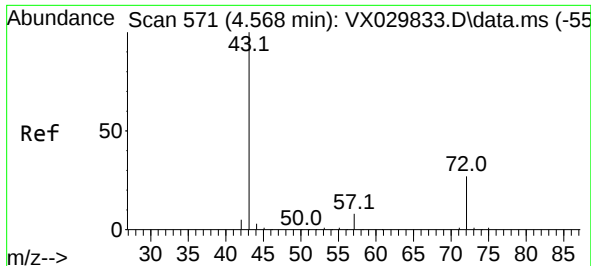
Tgt Ion: 43 Resp: 12551  
 Ion Ratio Lower Upper  
 43 100  
 86 8.4 8.5 12.7#



#24  
 1,1-Dichloroethane  
 Concen: 0.397 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

Tgt Ion: 63 Resp: 1713  
 Ion Ratio Lower Upper  
 63 100  
 98 9.6 3.5 10.5  
 100 0.0 2.3 6.9#

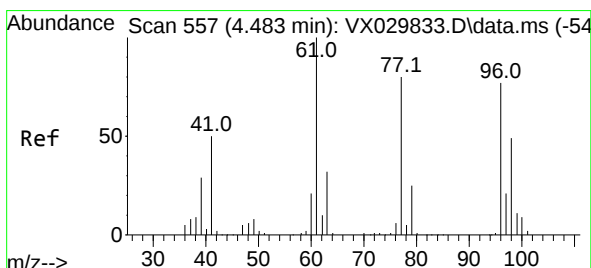
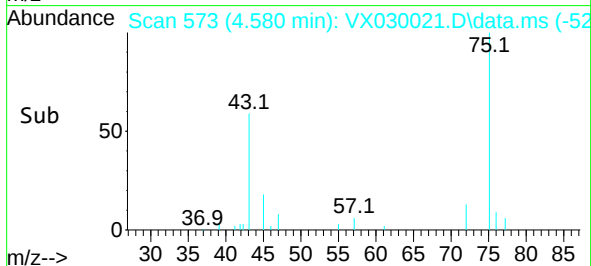
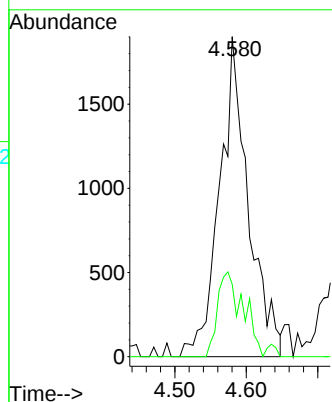
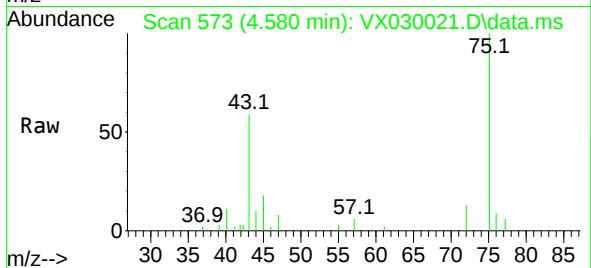




#25  
2-Butanone  
Concen: 2.432 ug/l  
RT: 4.580 min Scan# 51  
Delta R.T. 0.012 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

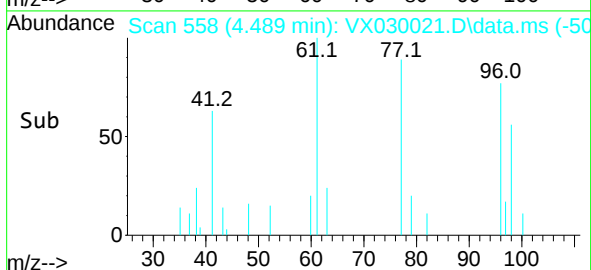
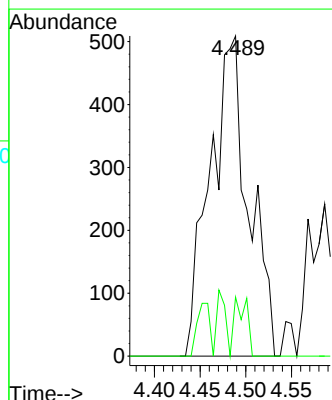
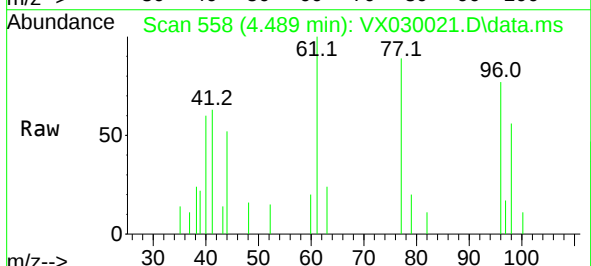
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 43 Resp: 5316  
Ion Ratio Lower Upper  
43 100  
72 22.7 21.7 32.5



#26  
2,2-Dichloropropane  
Concen: 0.491 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 77 Resp: 1491  
Ion Ratio Lower Upper  
77 100  
97 6.0 13.0 39.0#





#27

cis-1,2-Dichloroethene

Concen: 0.234 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

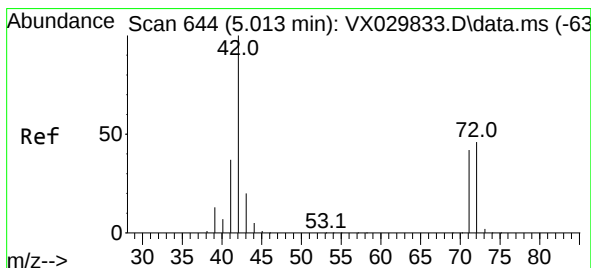
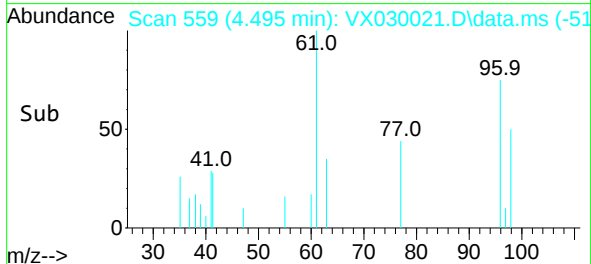
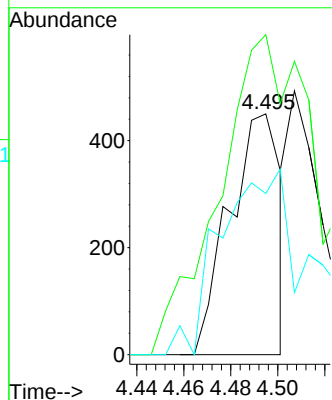
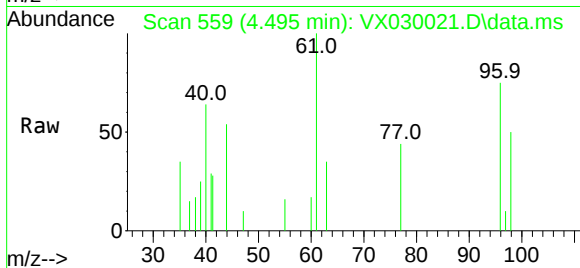
Tgt Ion: 96 Resp: 680

Ion Ratio Lower Upper

96 100

61 260.7 0.0 270.0

98 131.6 0.0 127.8#



#29

Tetrahydrofuran

Concen: 2.369 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

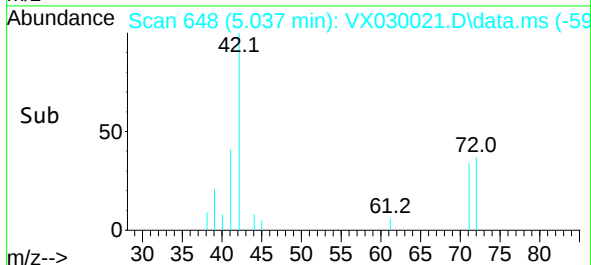
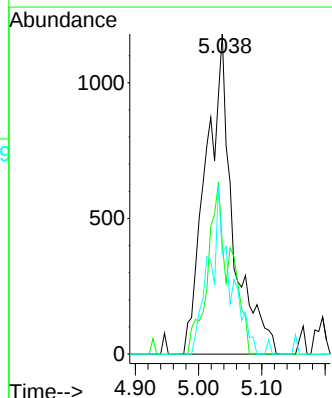
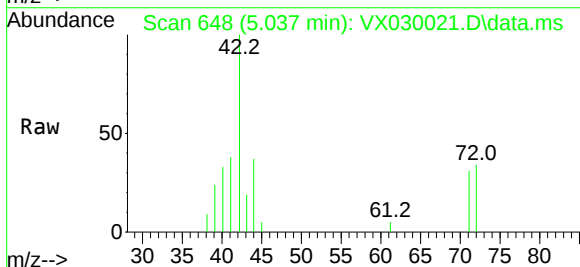
Tgt Ion: 42 Resp: 3513

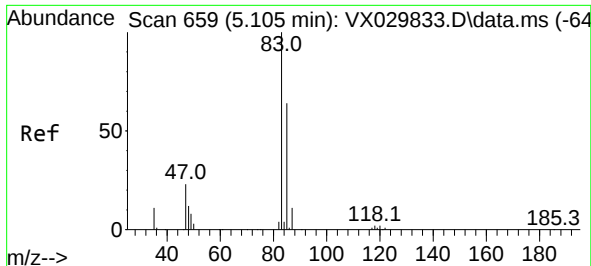
Ion Ratio Lower Upper

42 100

72 31.5 36.5 54.7#

71 40.4 33.9 50.9

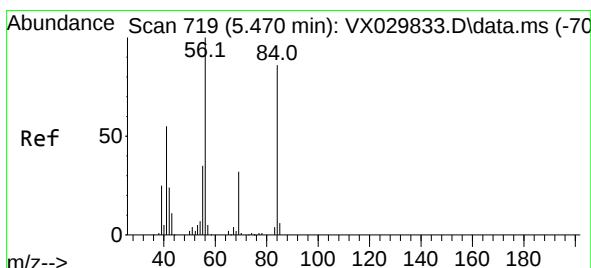
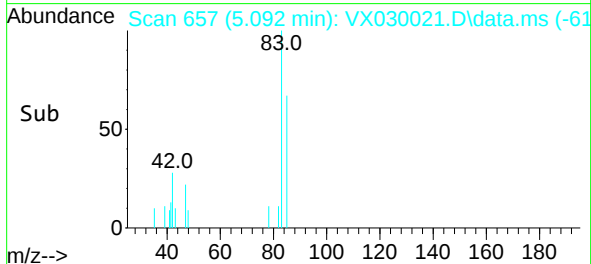
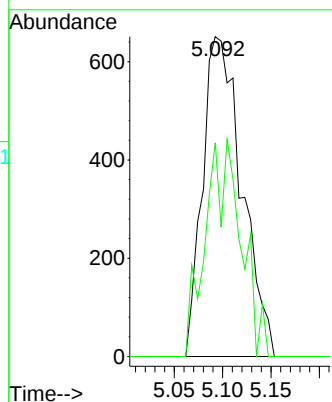
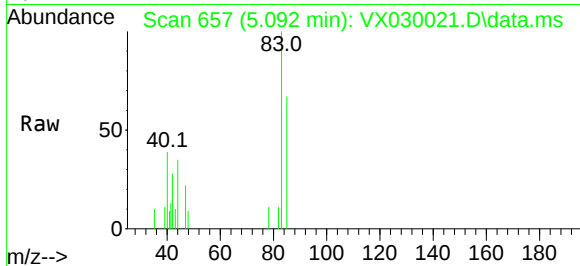




#30  
Chloroform  
Concen: 0.425 ug/l  
RT: 5.092 min Scan# 61  
Delta R.T. -0.013 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

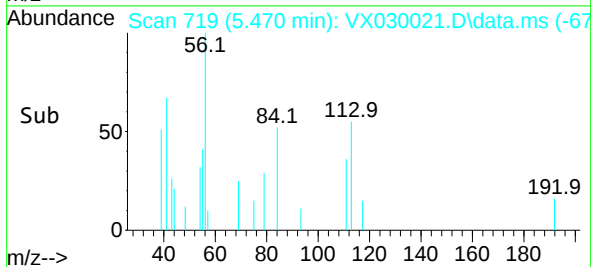
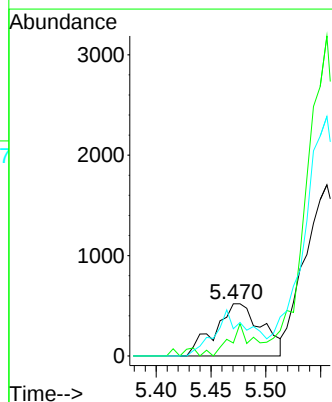
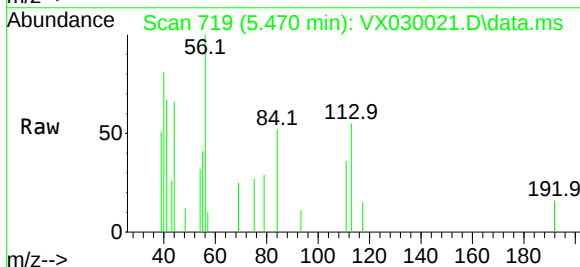
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

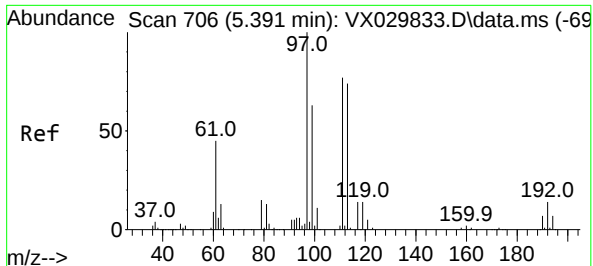
Tgt Ion: 83 Resp: 1831  
Ion Ratio Lower Upper  
83 100  
85 66.8 51.5 77.3



#31  
Cyclohexane  
Concen: 0.391 ug/l  
RT: 5.470 min Scan# 719  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 56 Resp: 1543  
Ion Ratio Lower Upper  
56 100  
69 24.9 25.4 38.0#  
84 52.2 68.9 103.3#





#32

1,1,1-Trichloroethane

Concen: 0.492 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

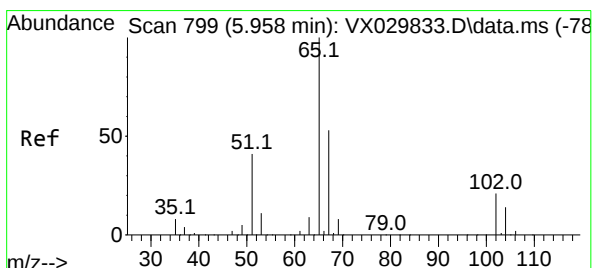
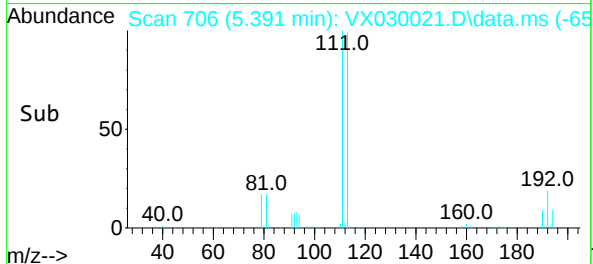
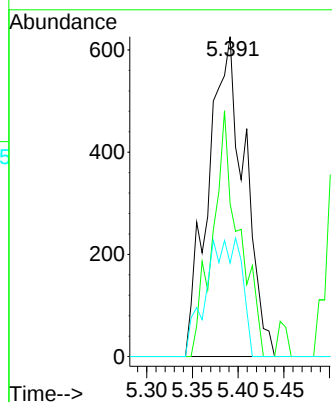
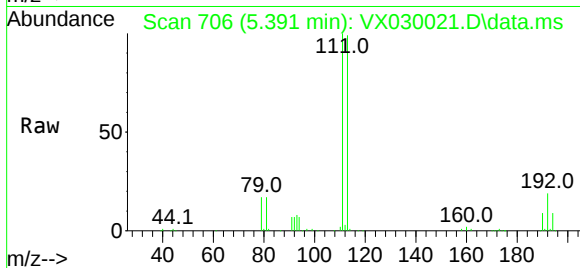
Tgt Ion: 97 Resp: 1730

Ion Ratio Lower Upper

97 100

99 0.0 51.4 77.0#

61 36.4 35.8 53.8



#33

1,2-Dichloroethane-d4

Concen: 50.566 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030021.D

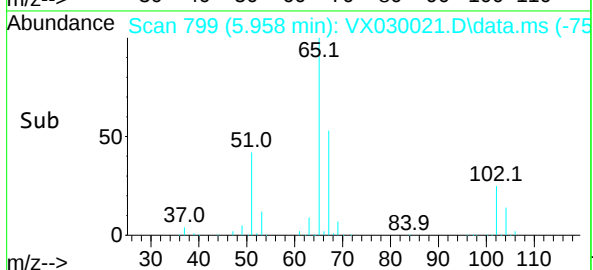
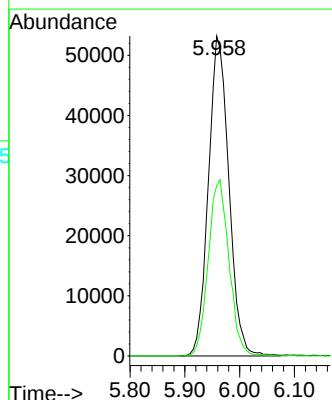
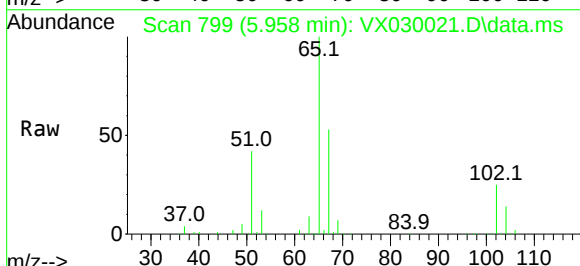
Acq: 12 Jul 2022 15:54

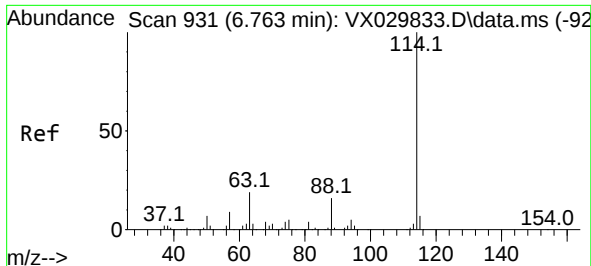
Tgt Ion: 65 Resp: 137681

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6

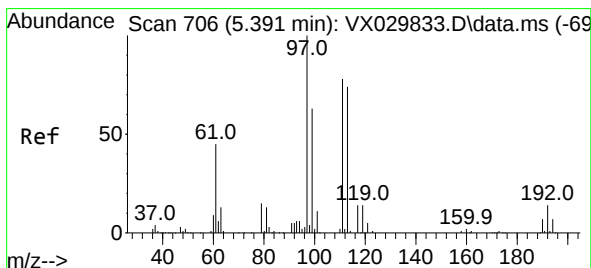
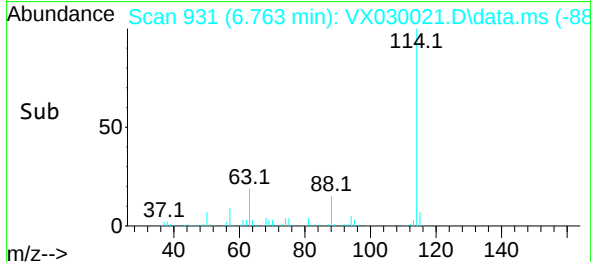
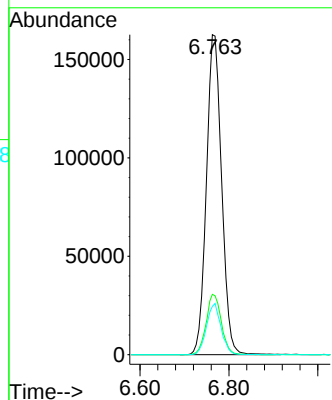
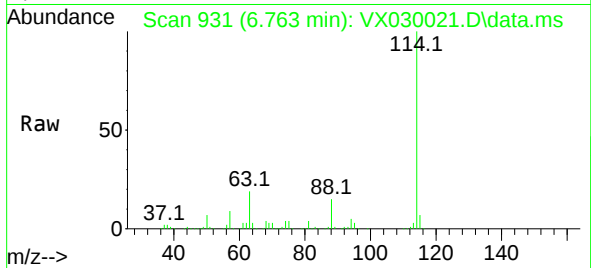




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

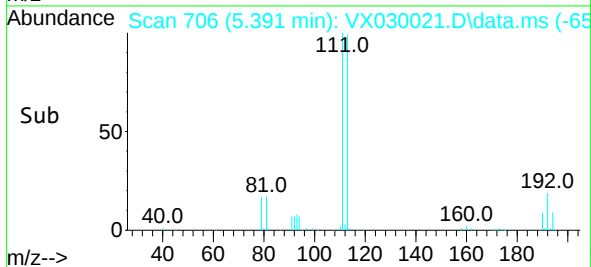
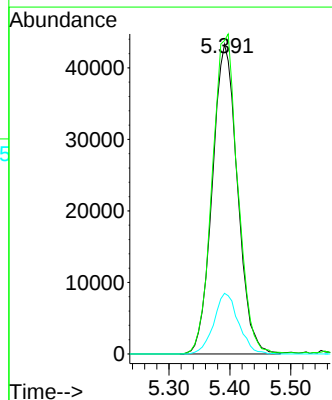
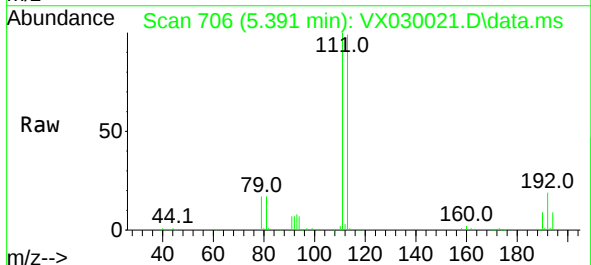
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

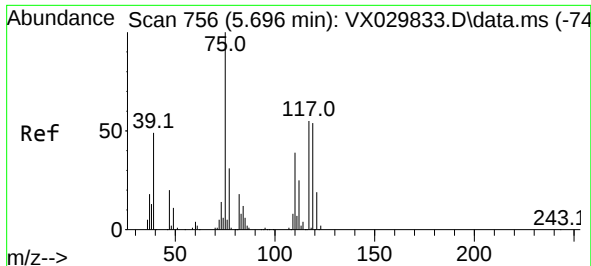
Tgt Ion:114 Resp: 387893  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 38.4  
88 15.1 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 50.183 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion:113 Resp: 124354  
Ion Ratio Lower Upper  
113 100  
111 104.7 83.2 124.8  
192 19.2 14.8 22.2

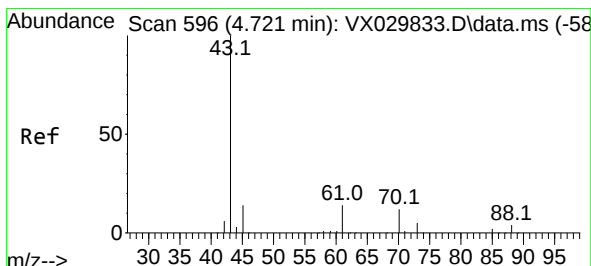
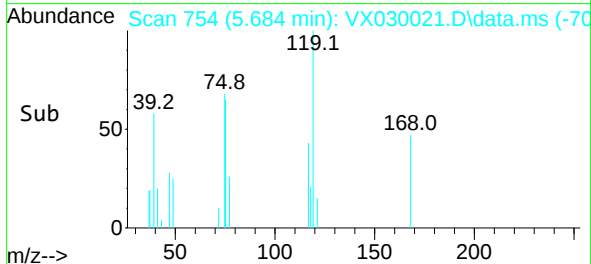
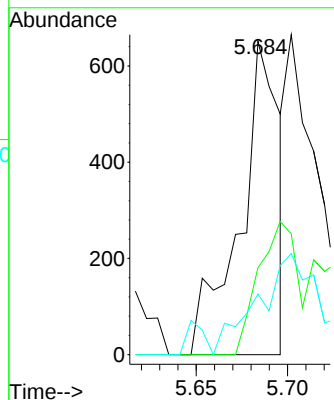
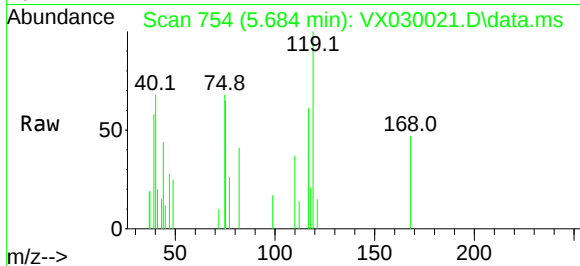




#36  
1,1-Dichloropropene  
Concen: 0.303 ug/l  
RT: 5.684 min Scan# 756  
Delta R.T. -0.012 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

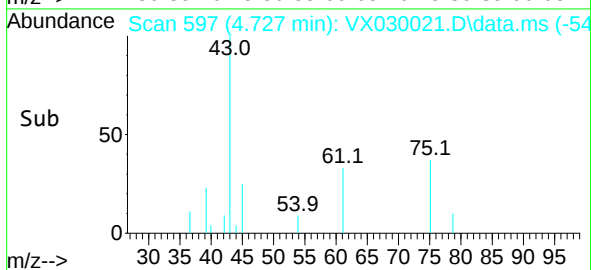
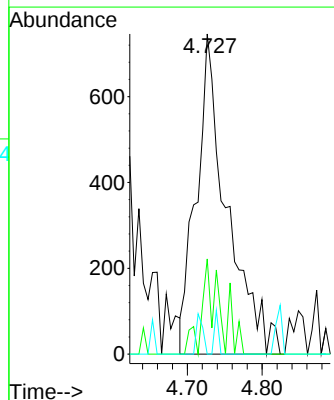
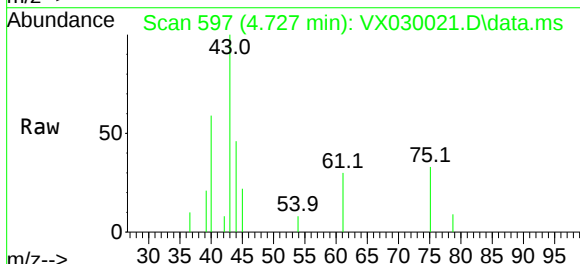
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

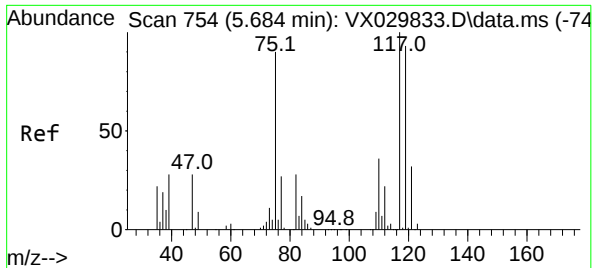
Tgt Ion: 75 Resp: 970  
Ion Ratio Lower Upper  
75 100  
110 41.5 19.3 57.9  
77 48.4 24.4 36.6#



#37  
Ethyl Acetate  
Concen: 0.515 ug/l  
RT: 4.727 min Scan# 597  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 43 Resp: 2117  
Ion Ratio Lower Upper  
43 100  
61 13.9 11.7 17.5  
70 1.7 9.3 13.9#

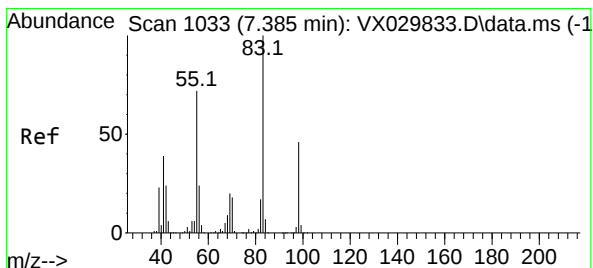
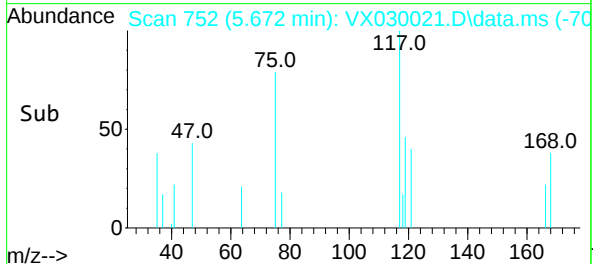
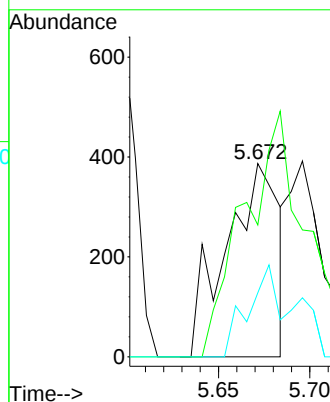
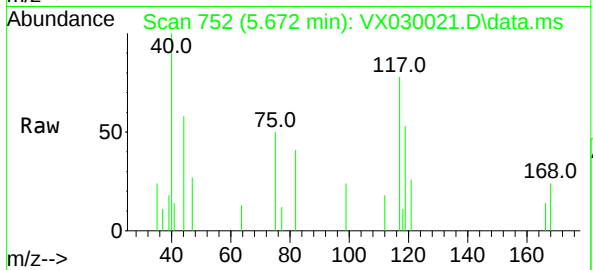




#38  
Carbon Tetrachloride  
Concen: 0.259 ug/l  
RT: 5.672 min Scan# 711  
Delta R.T. -0.012 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

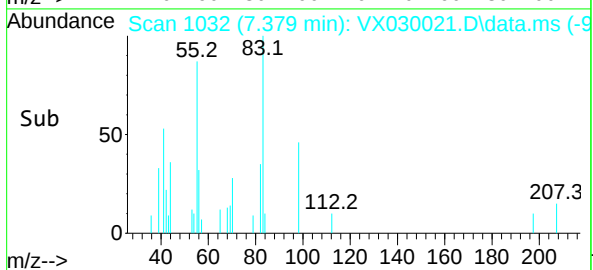
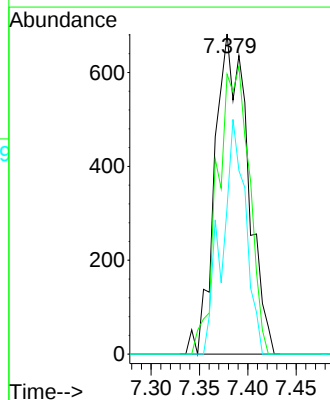
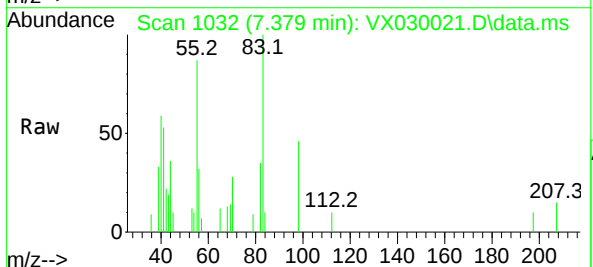
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

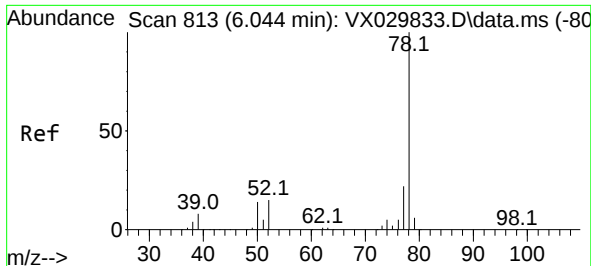
Tgt Ion:117 Resp: 774  
Ion Ratio Lower Upper  
117 100  
119 68.2 74.1 111.1#  
121 33.1 25.8 38.8



#39  
Methylcyclohexane  
Concen: 0.399 ug/l  
RT: 7.379 min Scan# 1032  
Delta R.T. -0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 83 Resp: 1618  
Ion Ratio Lower Upper  
83 100  
55 87.4 57.7 86.5#  
98 45.9 36.5 54.7





#40

Benzene

Concen: 0.453 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

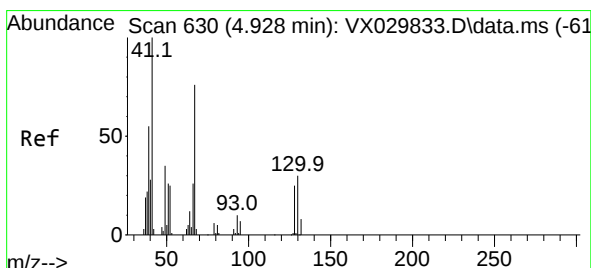
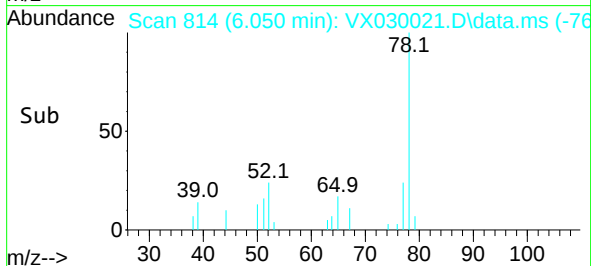
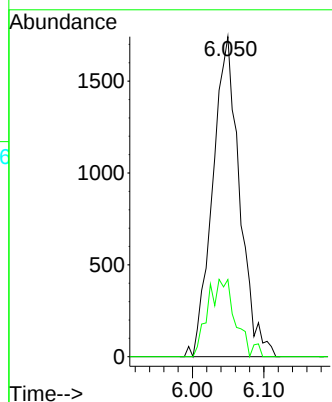
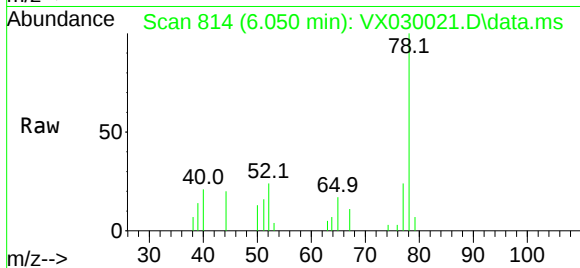
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 78 Resp: 4567

Ion Ratio Lower Upper

78 100

77 24.1 18.0 27.0



#41

Methacrylonitrile

Concen: 0.267 ug/l

RT: 4.922 min Scan# 629

Delta R.T. -0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Tgt Ion: 41 Resp: 592

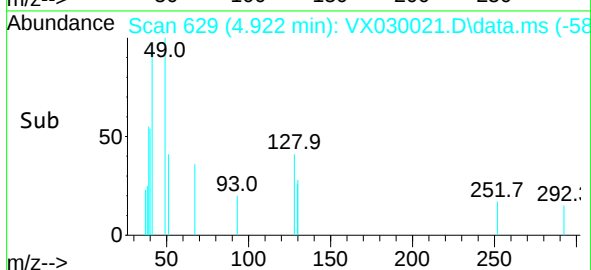
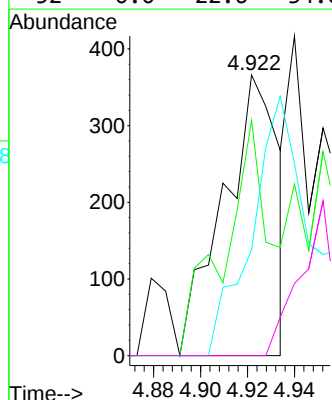
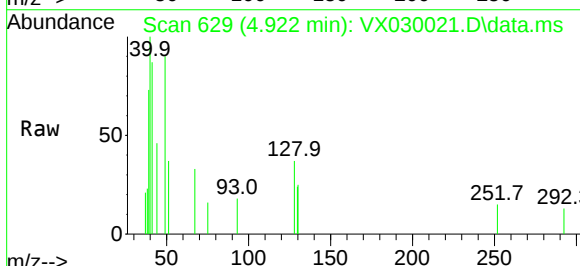
Ion Ratio Lower Upper

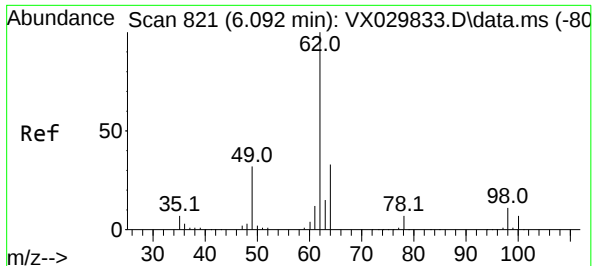
41 100

39 69.6 42.9 64.3#

67 98.8 60.1 90.1#

52 0.0 22.6 34.0#





#42

1,2-Dichloroethane

Concen: 0.485 ug/l

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

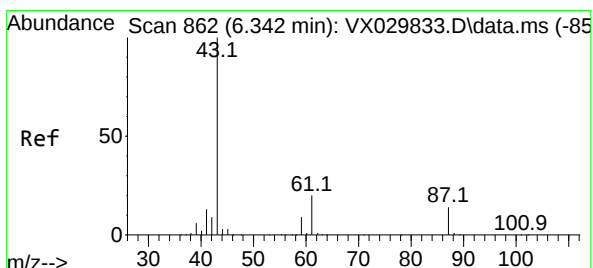
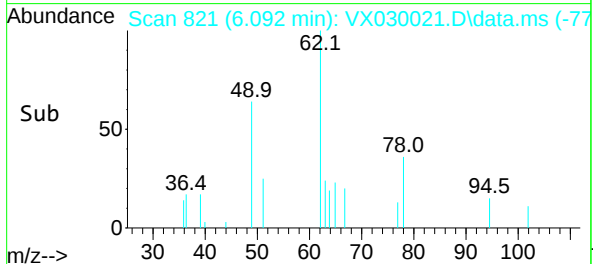
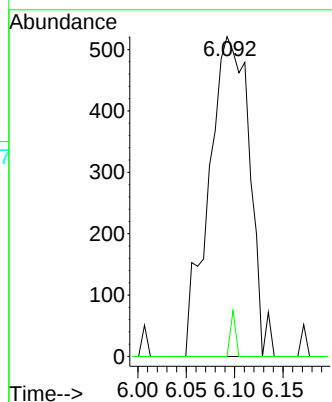
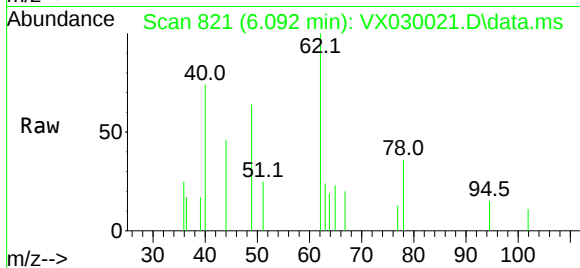
LOD-MDL-WATER-01-QT2-2022

Tgt Ion: 62 Resp: 1515

Ion Ratio Lower Upper

62 100

98 1.8 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.444 ug/l

RT: 6.354 min Scan# 864

Delta R.T. 0.012 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

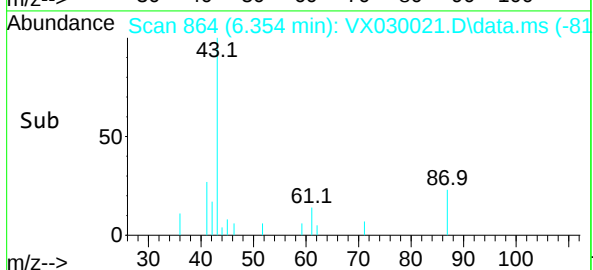
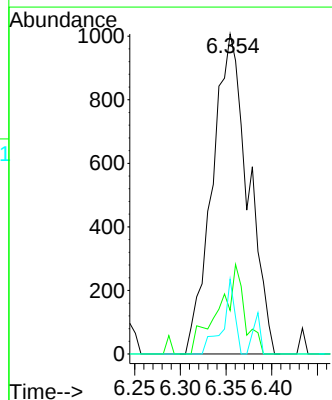
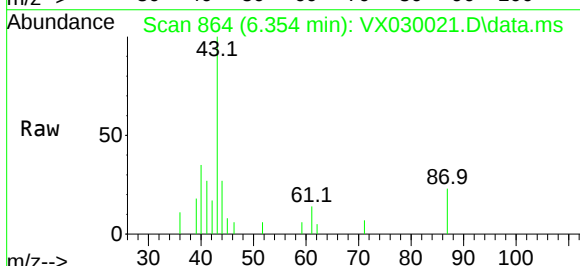
Tgt Ion: 43 Resp: 2748

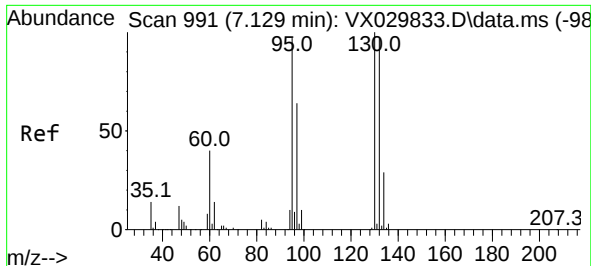
Ion Ratio Lower Upper

43 100

61 20.4 16.5 24.7

87 8.0 11.1 16.7#

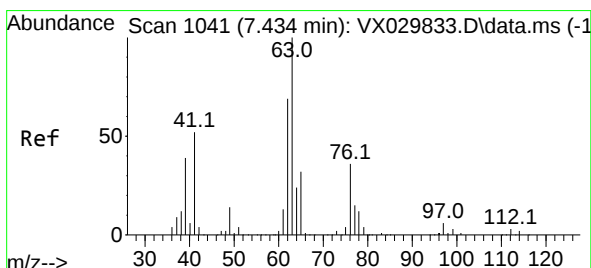
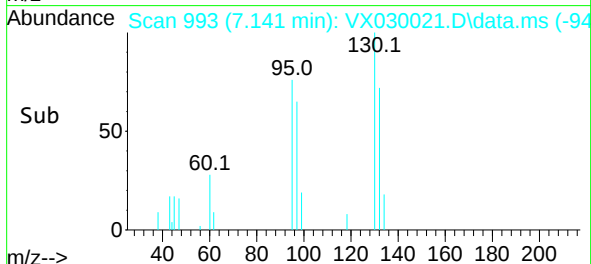
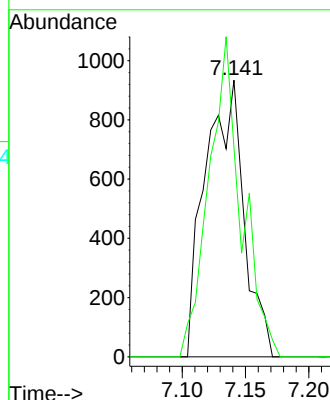
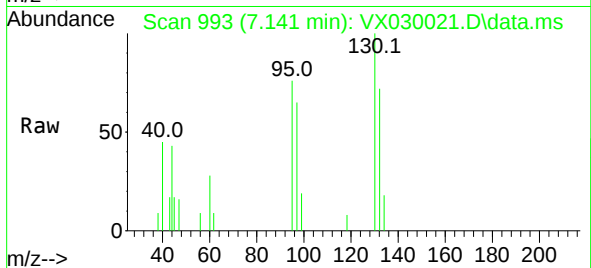




#44  
Trichloroethene  
Concen: 0.671 ug/l  
RT: 7.141 min Scan# 991  
Delta R.T. 0.012 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

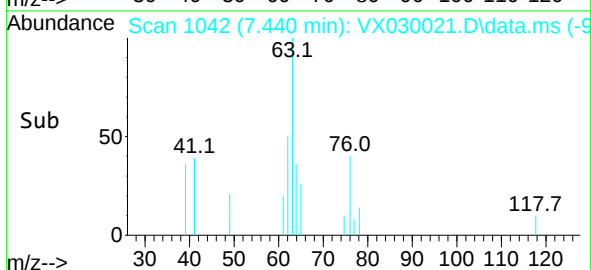
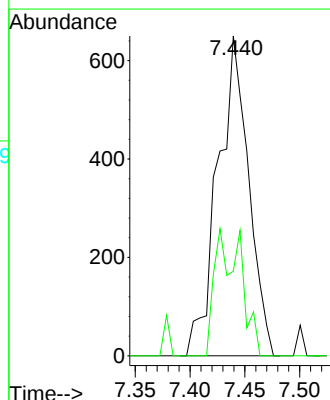
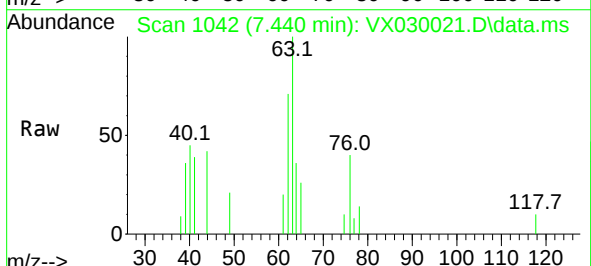
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

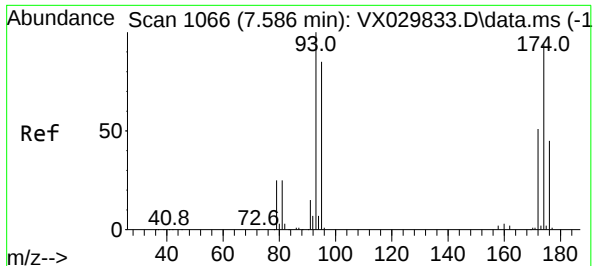
Tgt Ion:130 Resp: 1974  
Ion Ratio Lower Upper  
130 100  
95 75.7 0.0 194.8



#45  
1,2-Dichloropropane  
Concen: 0.486 ug/l  
RT: 7.440 min Scan# 1042  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 63 Resp: 1272  
Ion Ratio Lower Upper  
63 100  
65 26.5 25.2 37.8

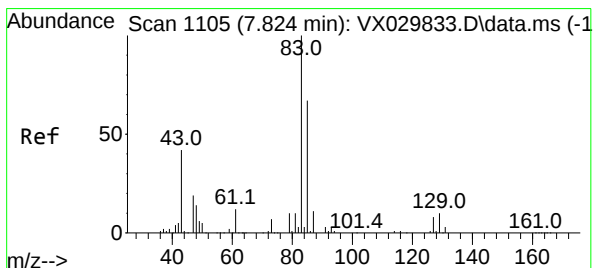
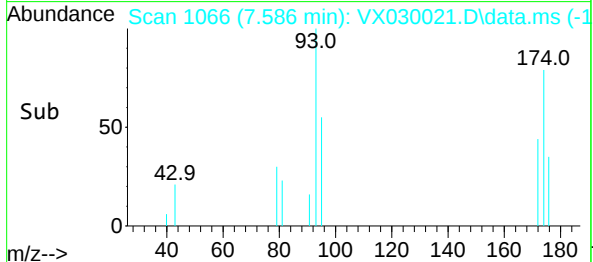
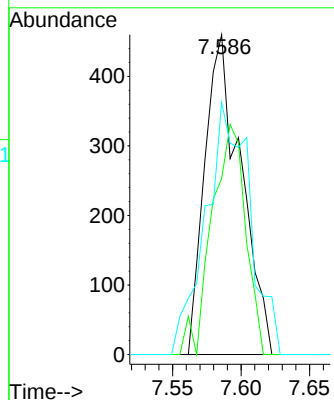
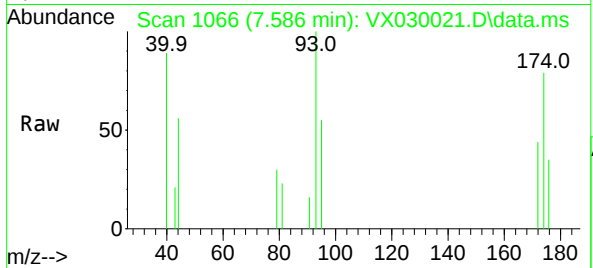




#46  
Dibromomethane  
Concen: 0.466 ug/l  
RT: 7.586 min Scan# 1106  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

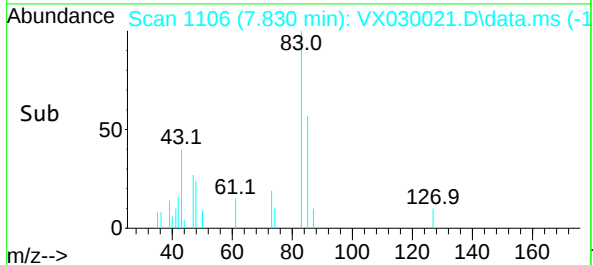
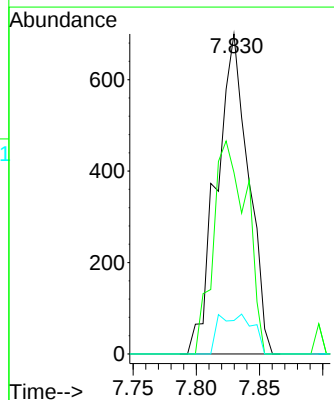
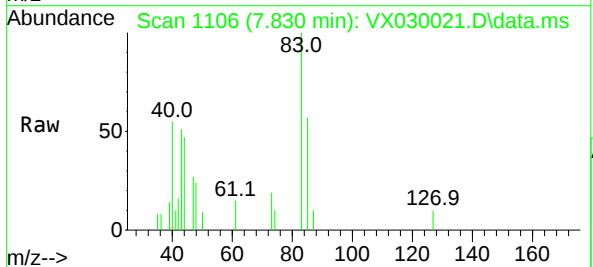
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

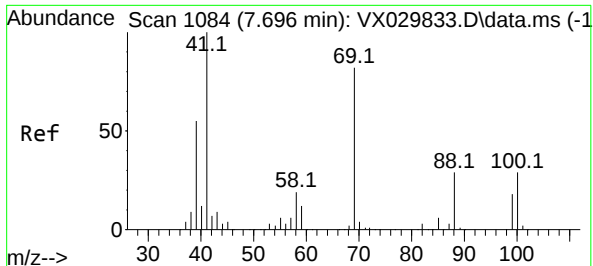
Tgt Ion: 93 Resp: 840  
Ion Ratio Lower Upper  
93 100  
95 67.3 67.4 101.0#  
174 96.3 75.6 113.4



#47  
Bromodichloromethane  
Concen: 0.376 ug/l  
RT: 7.830 min Scan# 1106  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 83 Resp: 1229  
Ion Ratio Lower Upper  
83 100  
85 56.7 53.5 80.3  
127 10.4 6.6 10.0#

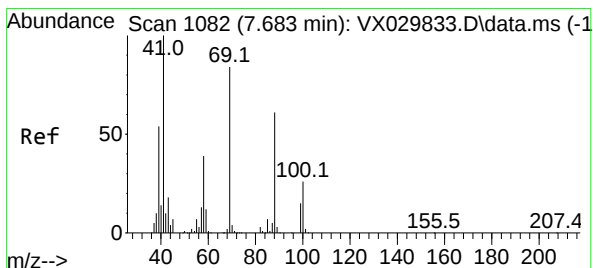
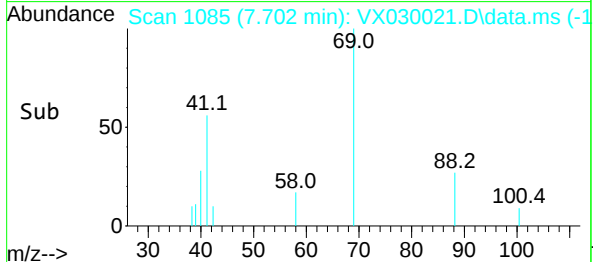
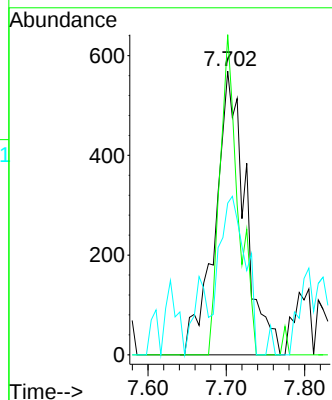
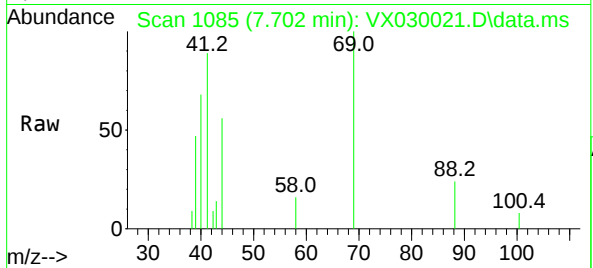




#48  
Methyl methacrylate  
Concen: 0.538 ug/l  
RT: 7.702 min Scan# 1085  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

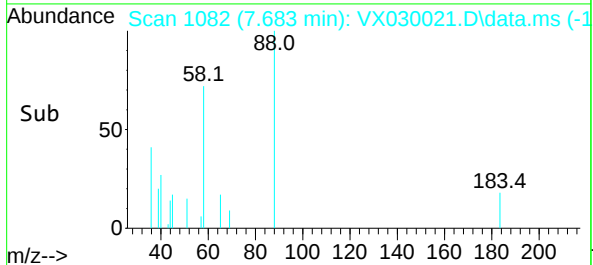
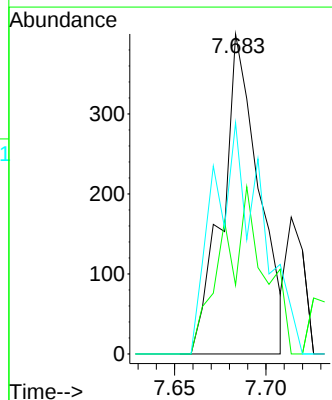
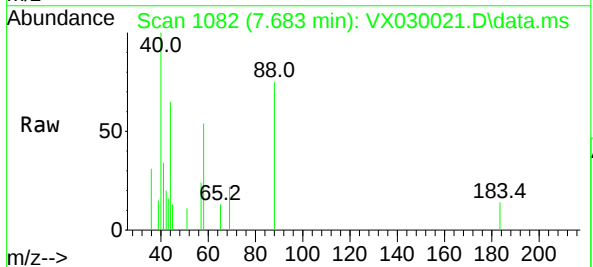
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

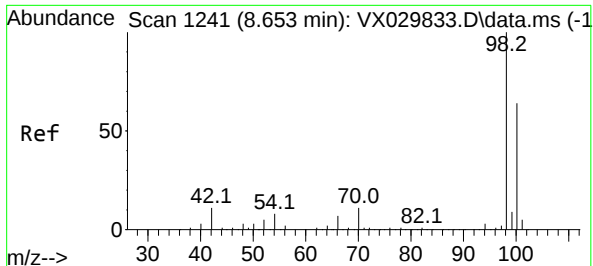
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 41 | Resp: | 1534        |
| Ion         | Ratio | Lower Upper |
| 41          | 100   |             |
| 69          | 68.6  | 68.8 103.2# |
| 39          | 48.0  | 44.6 66.8   |



#49  
1,4-Dioxane  
Concen: 7.540 ug/l  
RT: 7.683 min Scan# 1082  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 88 | Resp: | 559         |
| Ion         | Ratio | Lower Upper |
| 88          | 100   |             |
| 43          | 58.7  | 23.8 35.8#  |
| 58          | 95.0  | 53.8 80.6#  |

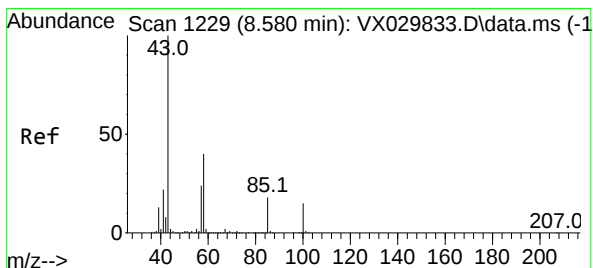
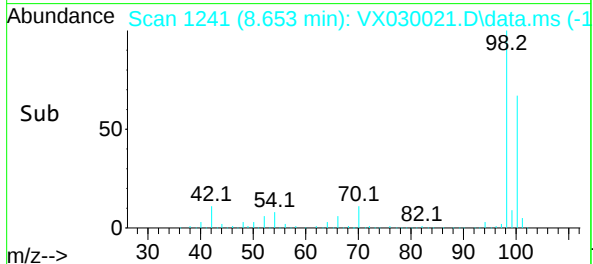
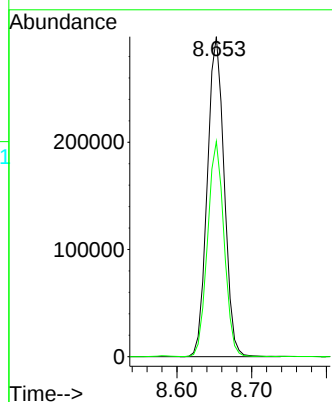
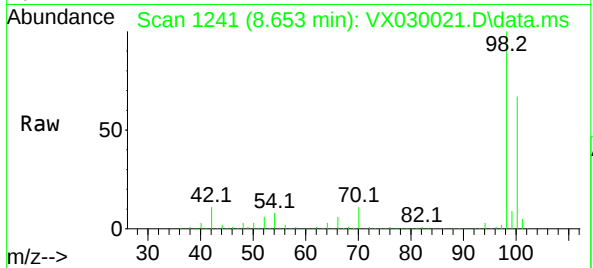




#50  
Toluene-d8  
Concen: 50.173 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

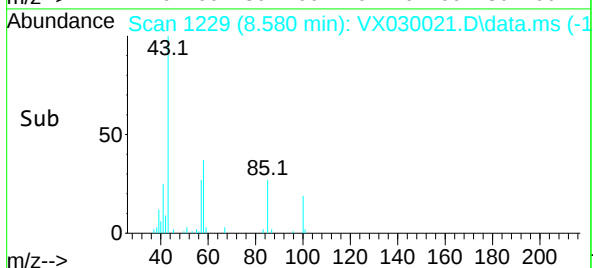
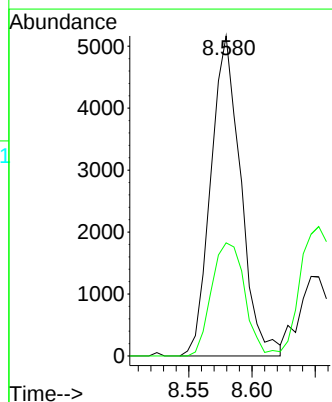
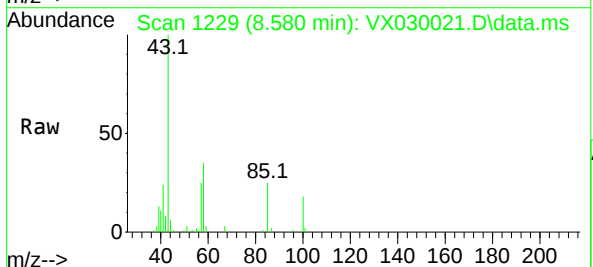
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

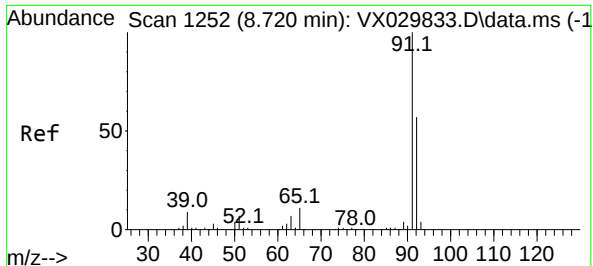
Tgt Ion: 98 Resp: 467595  
Ion Ratio Lower Upper  
98 100  
100 65.6 52.3 78.5



#51  
4-Methyl-2-Pentanone  
Concen: 2.075 ug/l  
RT: 8.580 min Scan# 1229  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 43 Resp: 8494  
Ion Ratio Lower Upper  
43 100  
58 39.5 31.4 47.2

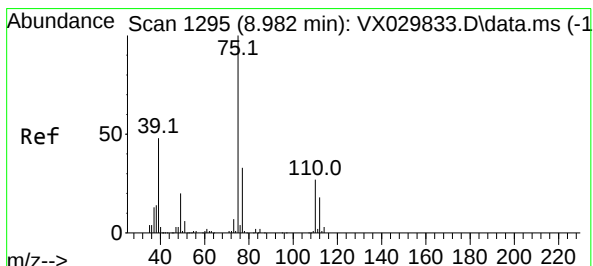
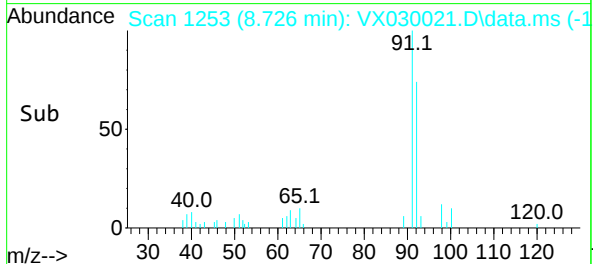
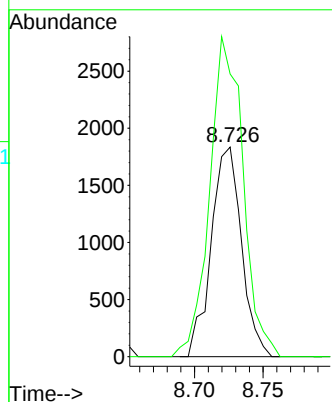
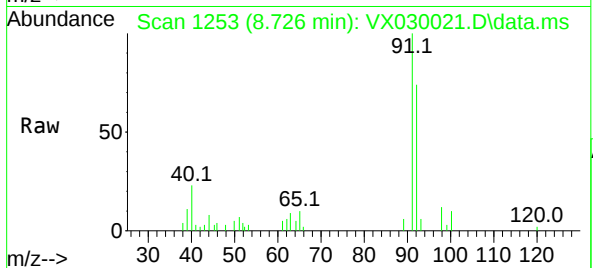




#52  
Toluene  
Concen: 0.441 ug/l  
RT: 8.726 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

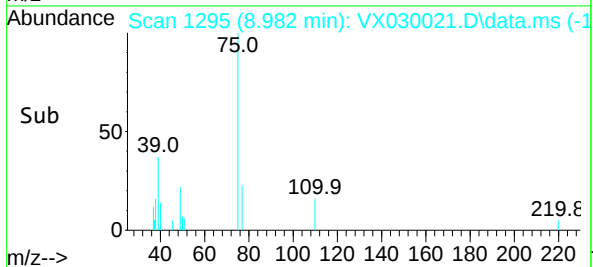
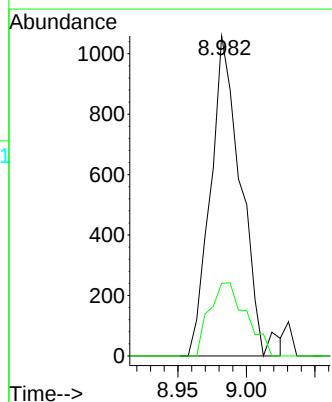
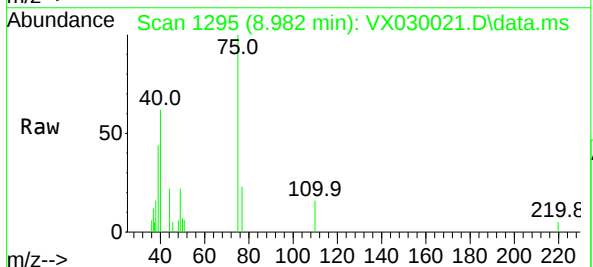
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

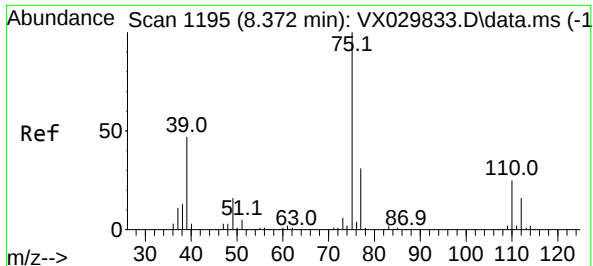
Tgt Ion: 92 Resp: 2820  
Ion Ratio Lower Upper  
92 100  
91 167.9 139.2 208.8



#53  
t-1,3-Dichloropropene  
Concen: 0.483 ug/l  
RT: 8.982 min Scan# 1295  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 75 Resp: 1640  
Ion Ratio Lower Upper  
75 100  
77 22.7 26.3 39.5#

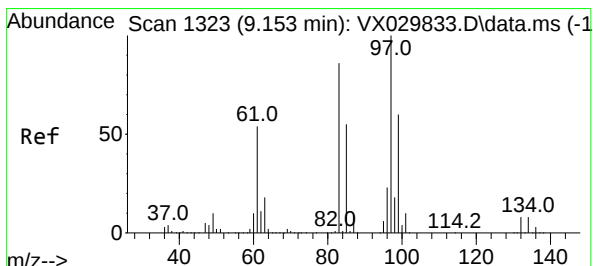
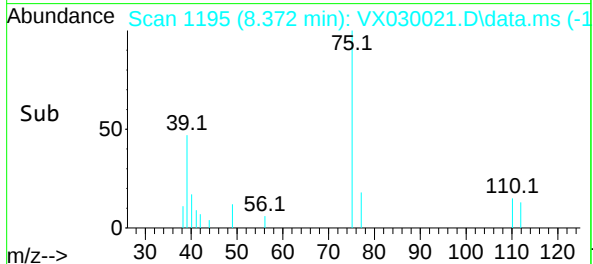
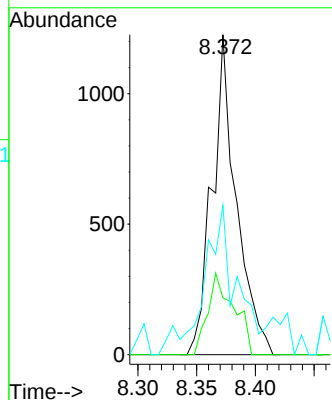
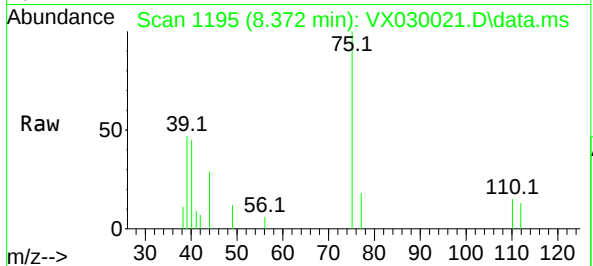




#54  
 cis-1,3-Dichloropropene  
 Concen: 0.450 ug/l  
 RT: 8.372 min Scan# 1195  
 Delta R.T. 0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

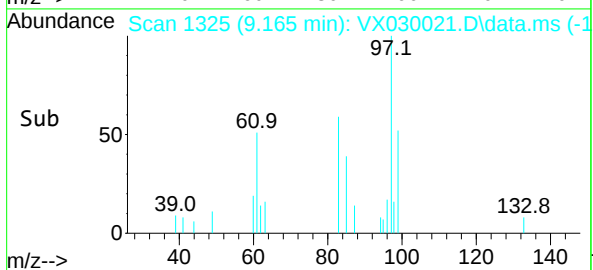
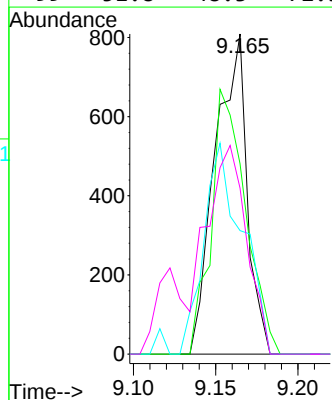
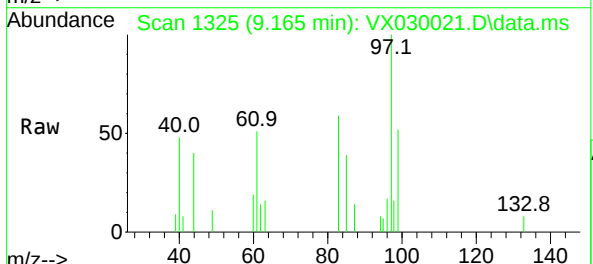
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022

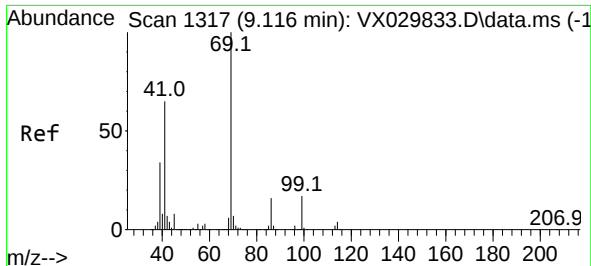
Tgt Ion: 75 Resp: 1752  
 Ion Ratio Lower Upper  
 75 100  
 77 17.7 25.0 37.4#  
 39 41.9 37.5 56.3



#55  
 1,1,2-Trichloroethane  
 Concen: 0.413 ug/l  
 RT: 9.165 min Scan# 1325  
 Delta R.T. 0.012 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

Tgt Ion: 97 Resp: 1089  
 Ion Ratio Lower Upper  
 97 100  
 83 59.5 68.9 103.3#  
 85 38.6 44.0 66.0#  
 99 51.8 48.3 72.5

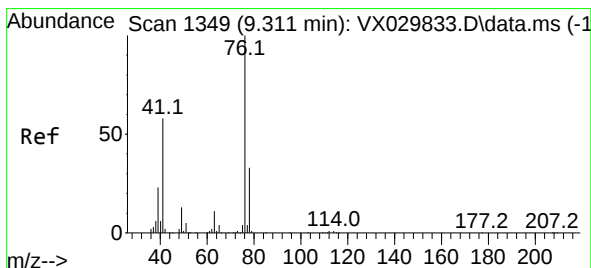
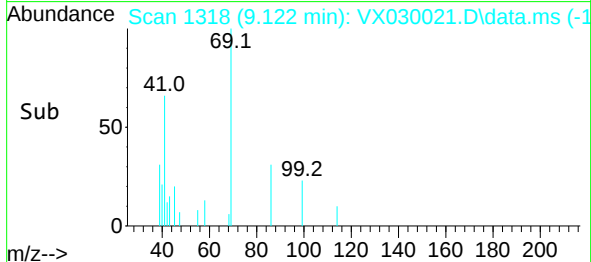
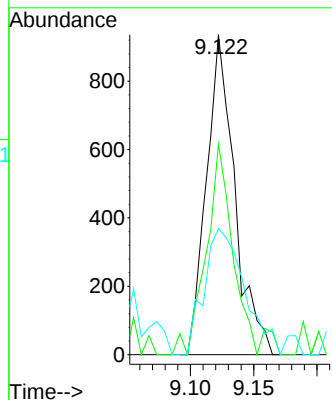
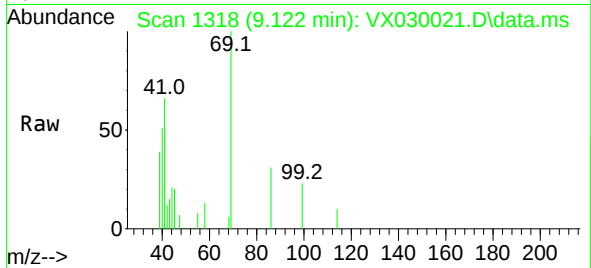




#56  
Ethyl methacrylate  
Concen: 0.367 ug/l  
RT: 9.122 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

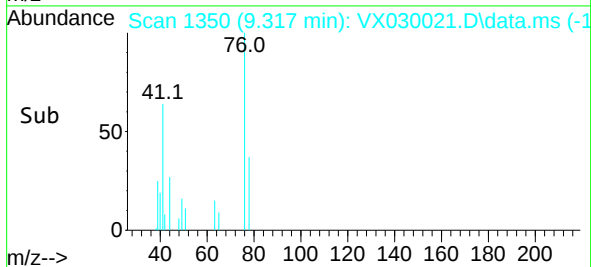
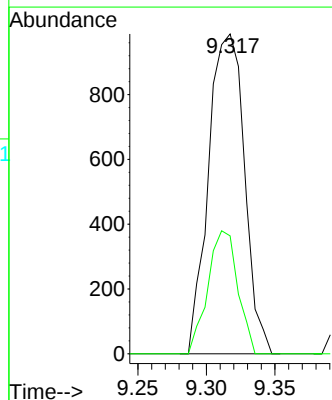
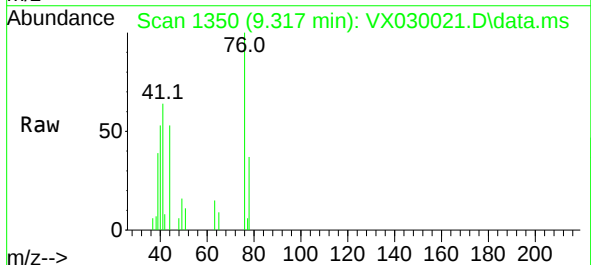
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

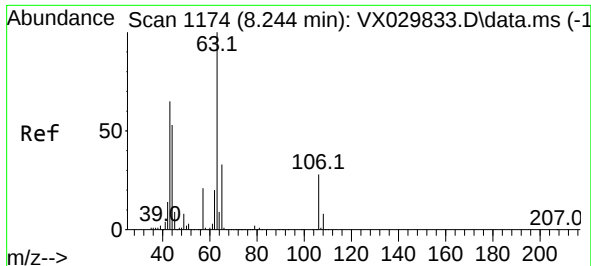
Tgt Ion: 69 Resp: 1455  
Ion Ratio Lower Upper  
69 100  
41 60.9 52.3 78.5  
39 56.4 28.2 42.4#



#57  
1,3-Dichloropropane  
Concen: 0.430 ug/l  
RT: 9.317 min Scan# 1350  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 76 Resp: 1801  
Ion Ratio Lower Upper  
76 100  
78 31.9 25.9 38.9

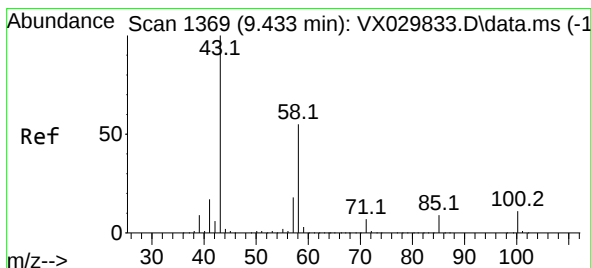
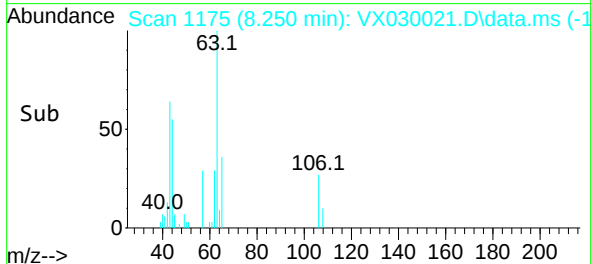
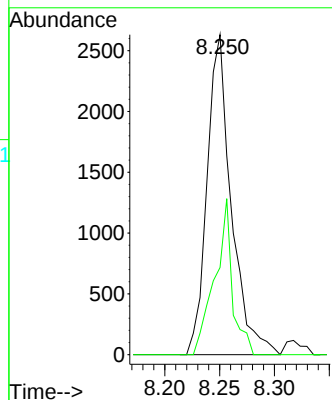
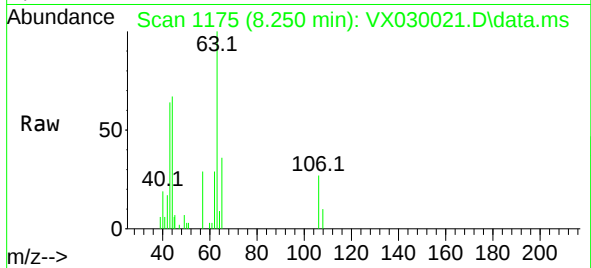




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.875 ug/l  
RT: 8.250 min Scan# 1175  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

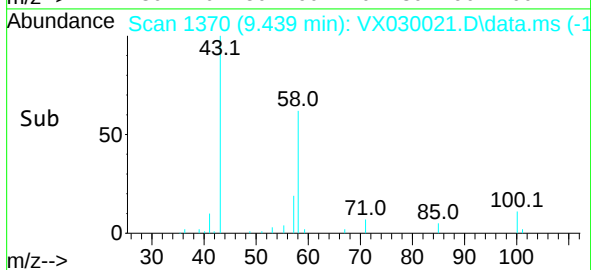
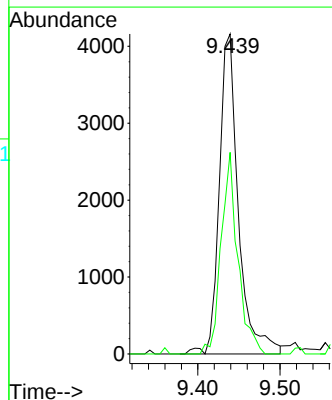
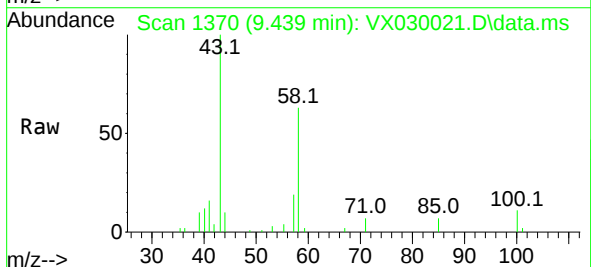
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

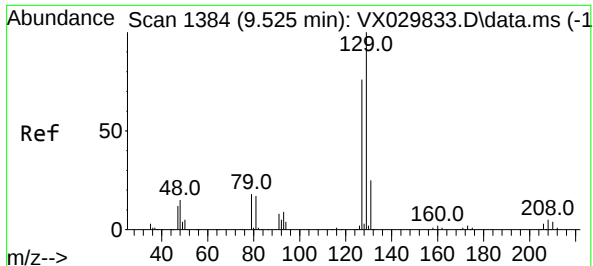
Tgt Ion: 63 Resp: 4038  
Ion Ratio Lower Upper  
63 100  
106 35.3 22.2 33.2#



#59  
2-Hexanone  
Concen: 2.135 ug/l  
RT: 9.439 min Scan# 1370  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 43 Resp: 6700  
Ion Ratio Lower Upper  
43 100  
58 55.3 27.6 82.8

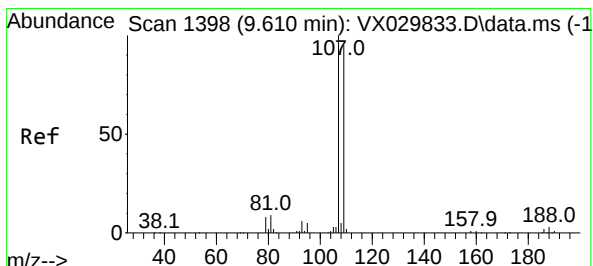
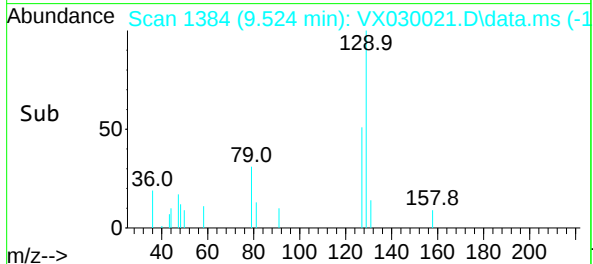
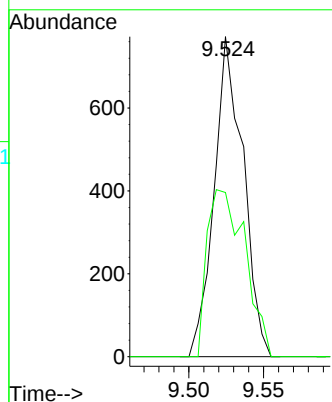
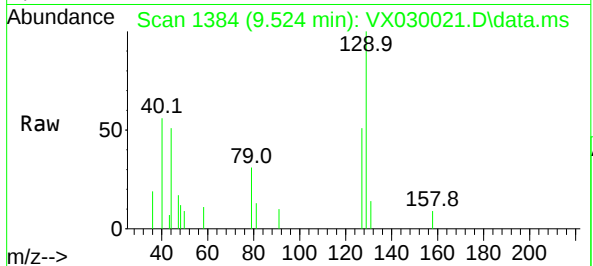




#60  
Dibromochloromethane  
Concen: 0.405 ug/l  
RT: 9.524 min Scan# 1384  
Delta R.T. -0.001 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

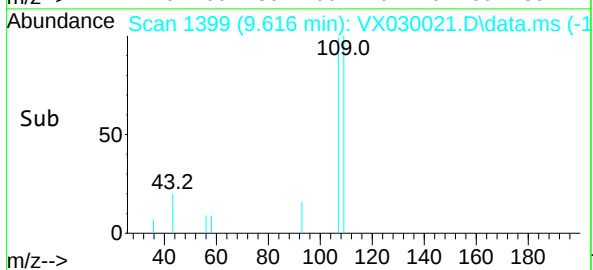
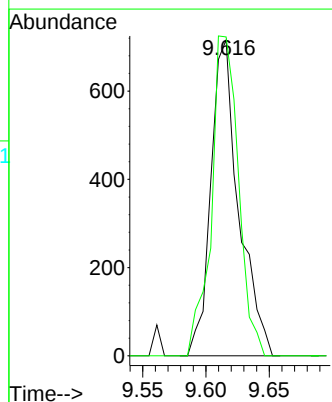
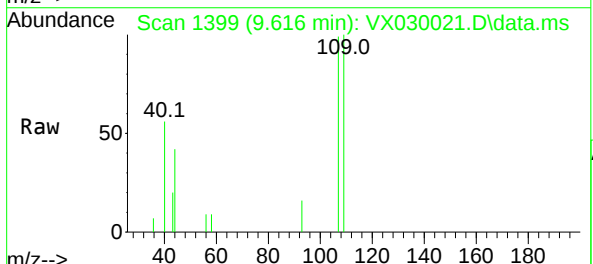
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

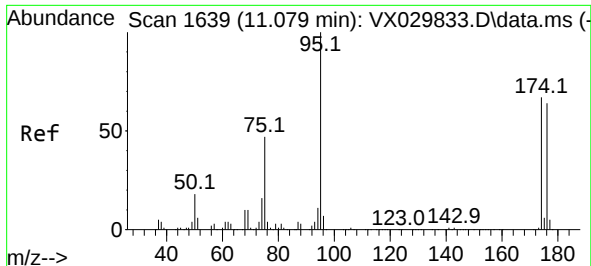
Tgt Ion:129 Resp: 1040  
Ion Ratio Lower Upper  
129 100  
127 68.5 38.5 115.5



#61  
1,2-Dibromoethane  
Concen: 0.400 ug/l  
RT: 9.616 min Scan# 1399  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion:107 Resp: 1099  
Ion Ratio Lower Upper  
107 100  
109 98.4 76.6 114.8

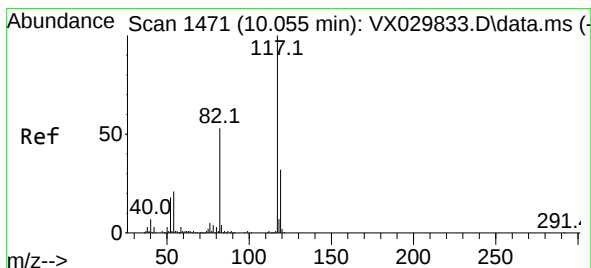
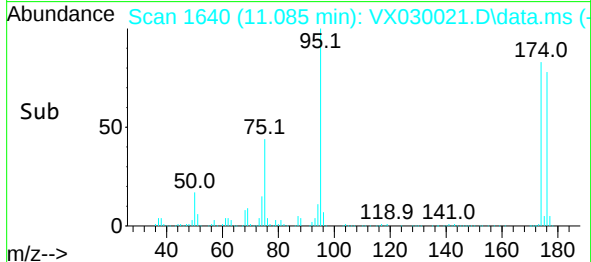
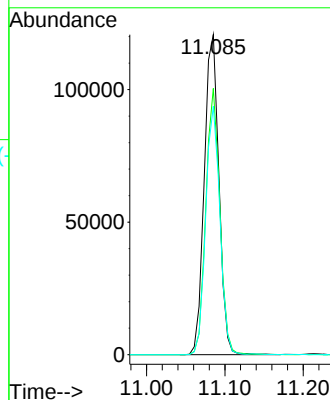
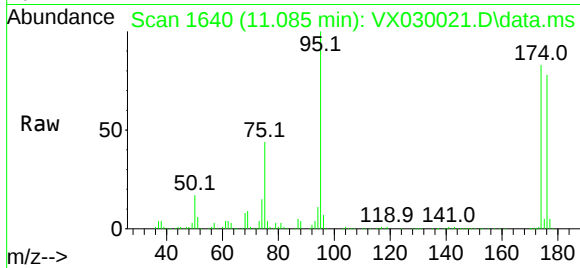




#62  
4-Bromofluorobenzene  
Concen: 48.350 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

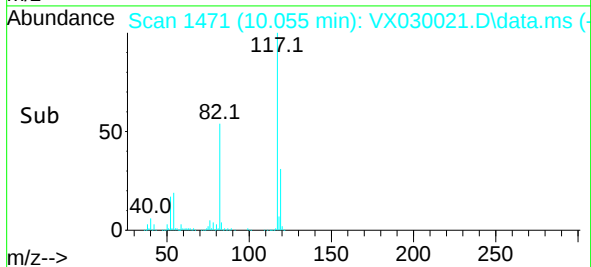
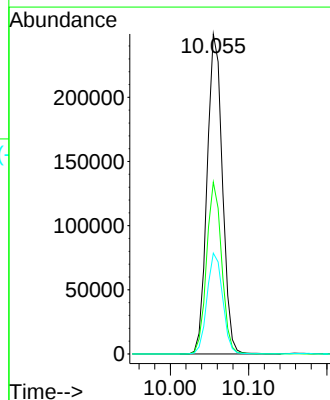
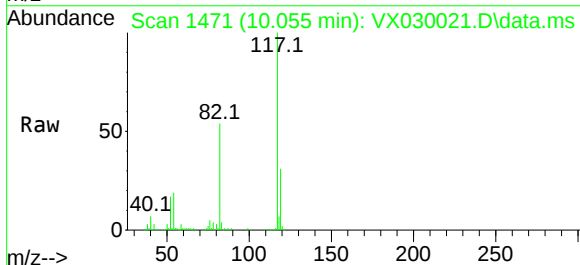
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

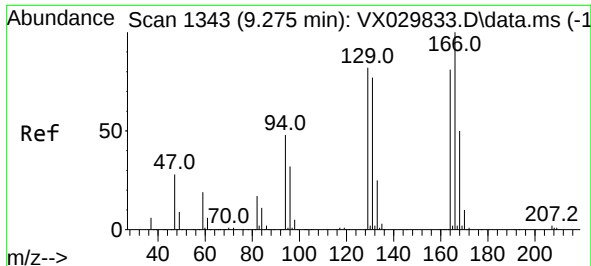
Tgt Ion: 95 Resp: 156373  
Ion Ratio Lower Upper  
95 100  
174 79.5 0.0 149.0  
176 75.2 0.0 146.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 117 Resp: 337619  
Ion Ratio Lower Upper  
117 100  
82 53.7 42.7 64.1  
119 31.5 25.4 38.2

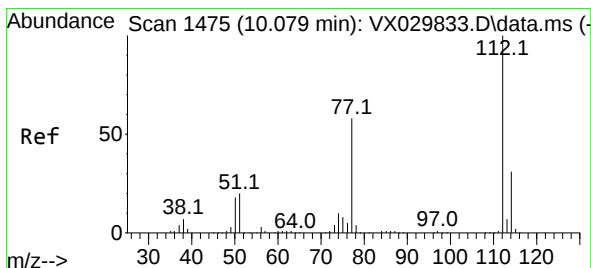
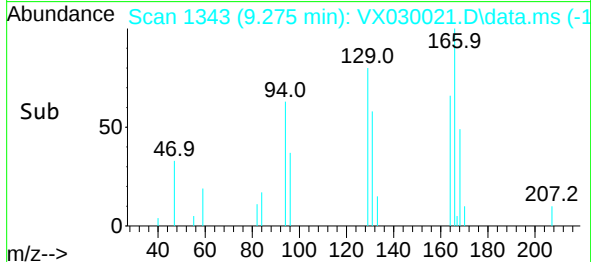
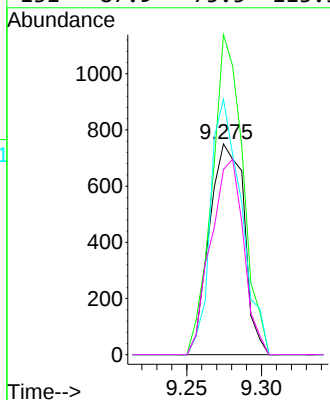
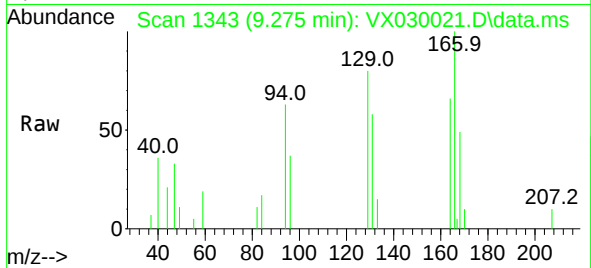




#64  
Tetrachloroethene  
Concen: 0.444 ug/l  
RT: 9.275 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

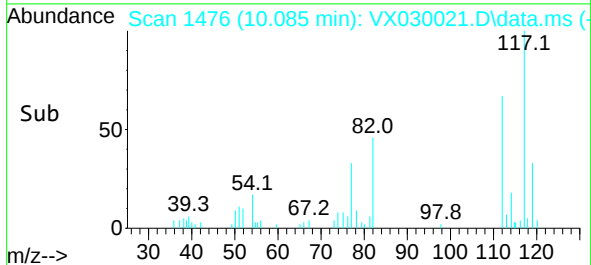
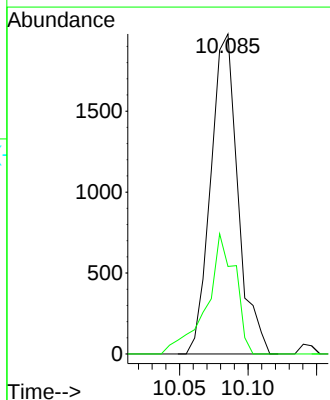
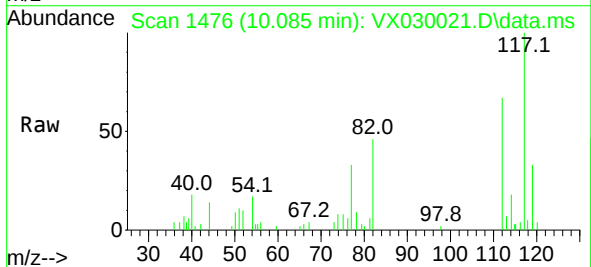
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

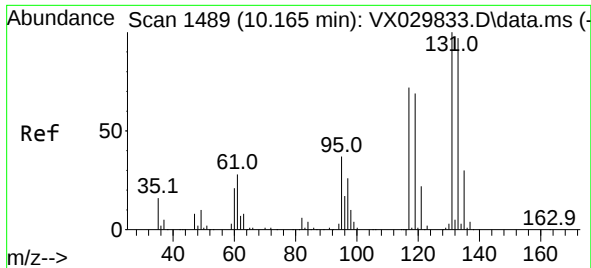
|             |       |       |        |
|-------------|-------|-------|--------|
| Tgt Ion:164 | Resp: | 1204  |        |
| Ion         | Ratio | Lower | Upper  |
| 164         | 100   |       |        |
| 166         | 151.9 | 98.2  | 147.4# |
| 129         | 121.2 | 80.8  | 121.2  |
| 131         | 87.9  | 75.5  | 113.3  |



#65  
Chlorobenzene  
Concen: 0.407 ug/l  
RT: 10.085 min Scan# 1476  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:112 | Resp: | 2735  |       |
| Ion         | Ratio | Lower | Upper |
| 112         | 100   |       |       |
| 114         | 27.4  | 24.6  | 36.8  |

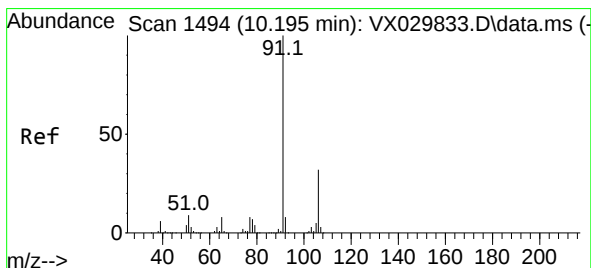
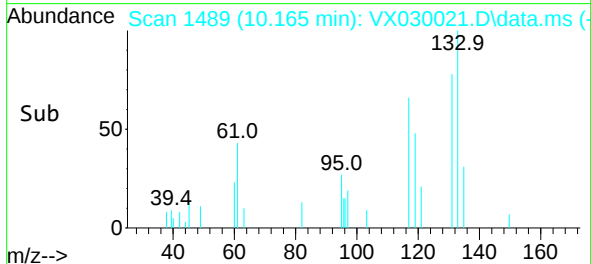
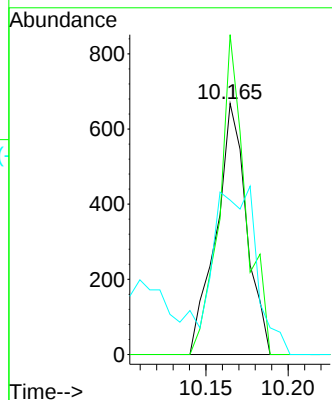
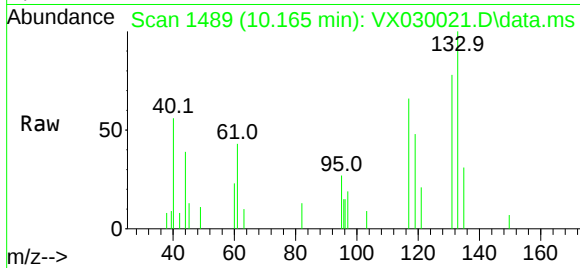




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 0.374 ug/l  
 RT: 10.165 min Scan# 1489  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

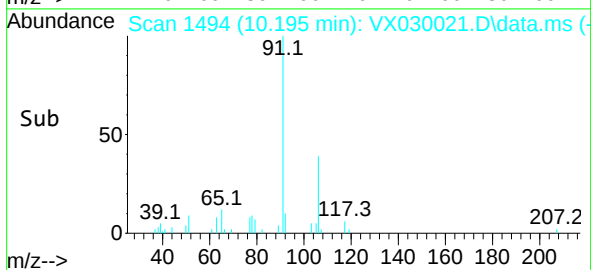
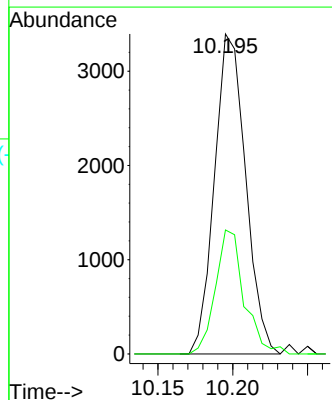
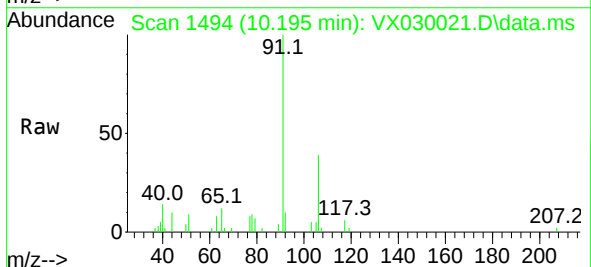
Instrument : MSVOA\_X  
 ClientSampleId : LOD-MDL-WATER-01-QT2-2022

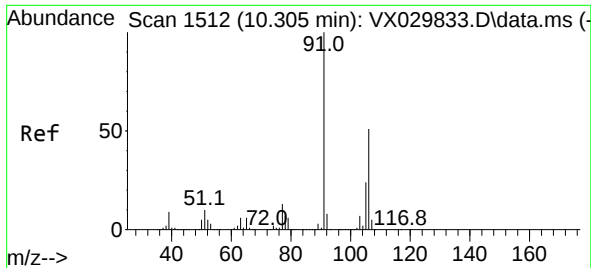
Tgt Ion:131 Resp: 857  
 Ion Ratio Lower Upper  
 131 100  
 133 109.9 46.9 140.8  
 119 0.0 34.4 103.1#



#67  
 Ethyl Benzene  
 Concen: 0.431 ug/l  
 RT: 10.195 min Scan# 1494  
 Delta R.T. 0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

Tgt Ion: 91 Resp: 4916  
 Ion Ratio Lower Upper  
 91 100  
 106 38.8 25.5 38.3#

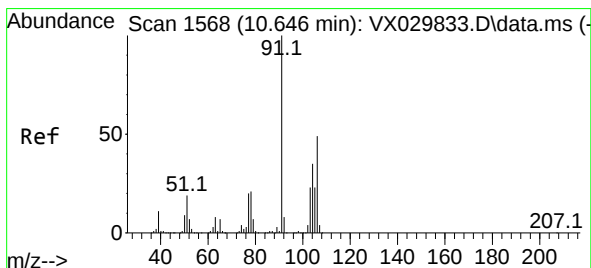
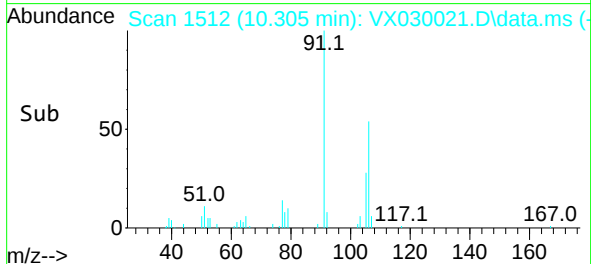
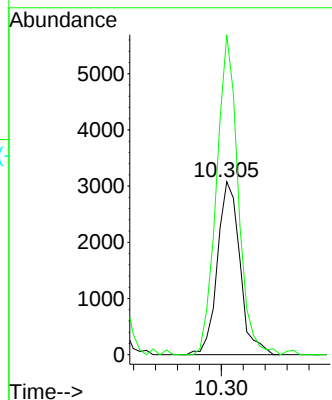
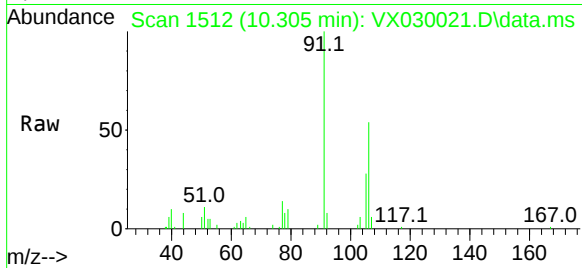




#68  
m/p-Xylenes  
Concen: 0.982 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

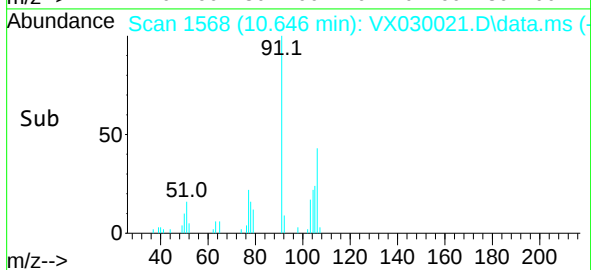
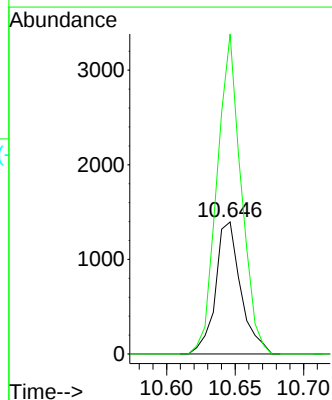
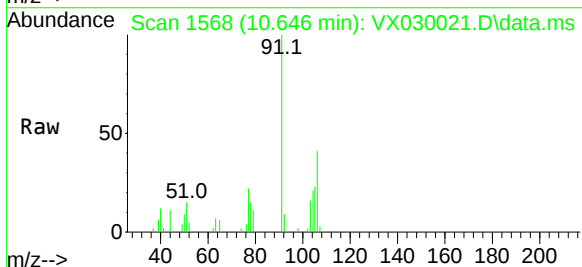
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

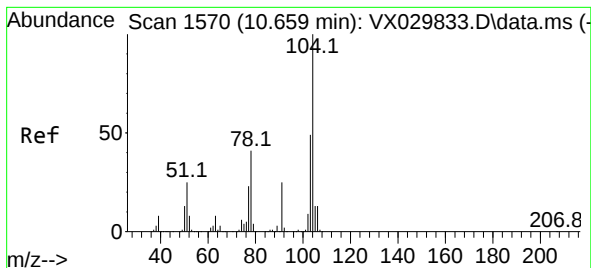
Tgt Ion:106 Resp: 4387  
Ion Ratio Lower Upper  
106 100  
91 177.5 158.2 237.4



#69  
o-Xylene  
Concen: 0.399 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion:106 Resp: 1787  
Ion Ratio Lower Upper  
106 100  
91 231.3 103.8 311.6





#70

Styrene

Concen: 0.437 ug/l

RT: 10.658 min Scan# 1570

Delta R.T. -0.001 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

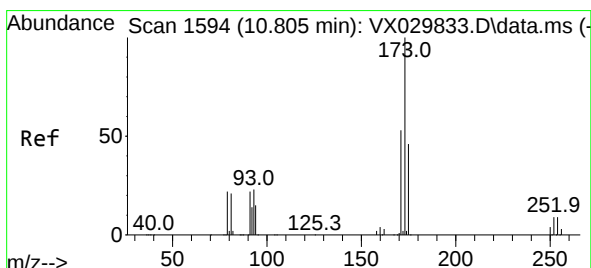
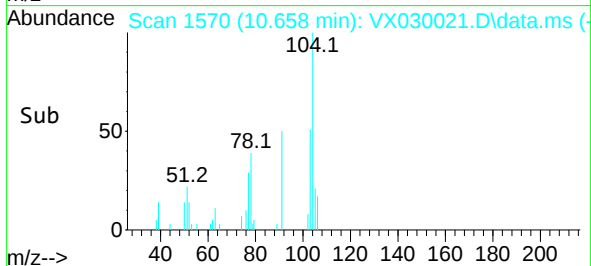
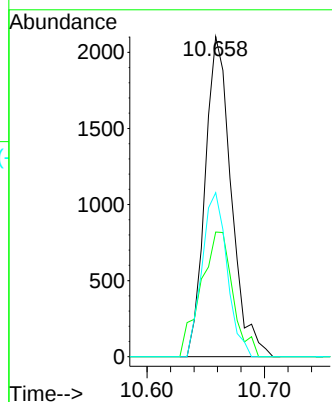
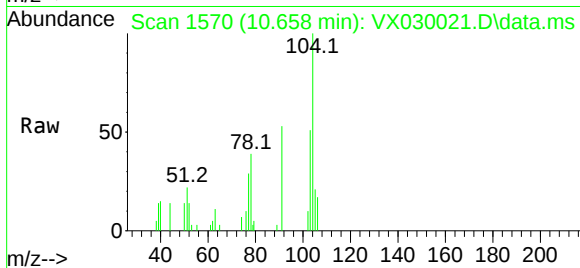
Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:104 | Resp: | 3248      |
| Ion Ratio   | Lower | Upper     |
| 104         | 100   |           |
| 78          | 47.4  | 37.8 56.8 |
| 103         | 49.0  | 44.5 66.7 |



#71

Bromoform

Concen: 0.440 ug/l

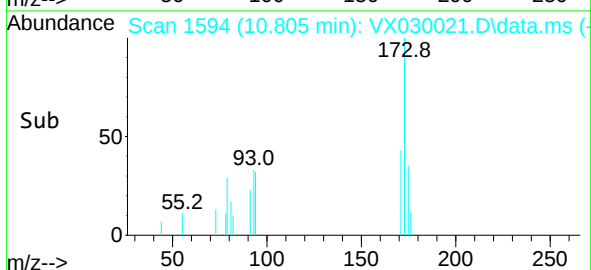
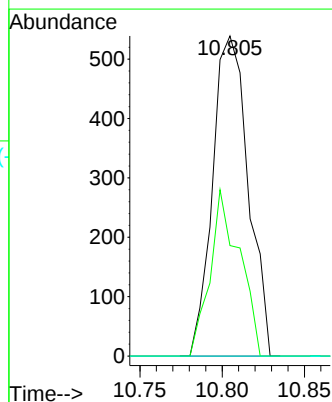
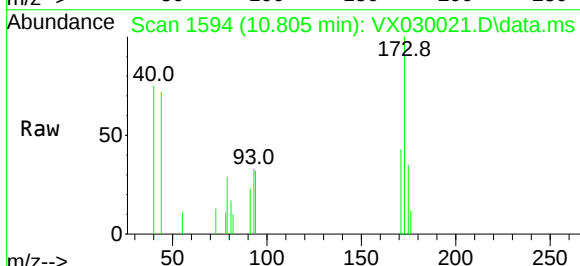
RT: 10.805 min Scan# 1594

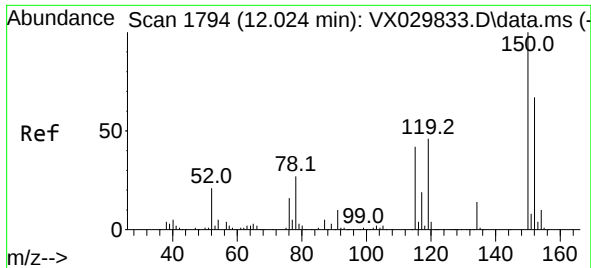
Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:173 | Resp: | 810       |
| Ion Ratio   | Lower | Upper     |
| 173         | 100   |           |
| 175         | 43.0  | 23.8 71.2 |
| 254         | 0.0   | 0.1 0.1#  |

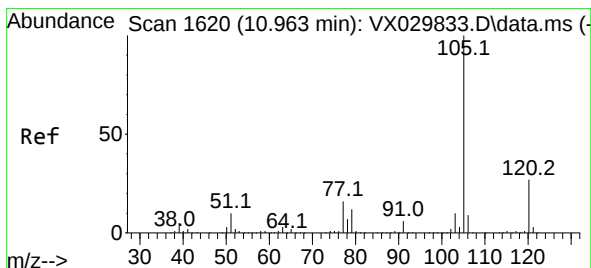
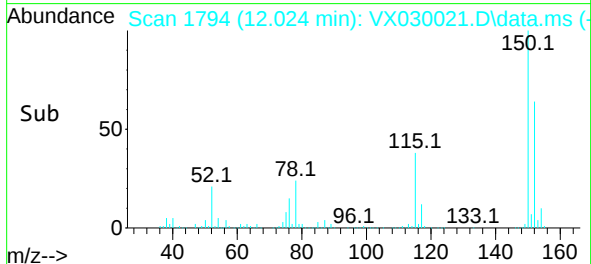
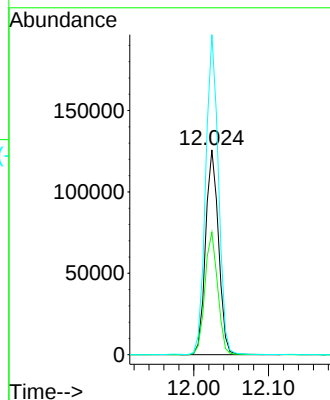
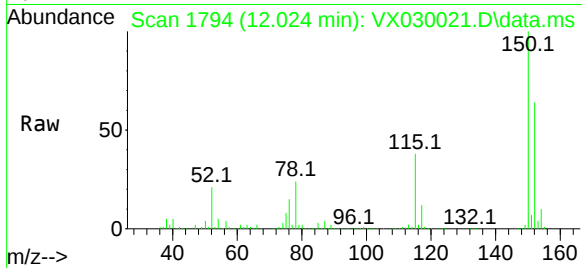




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

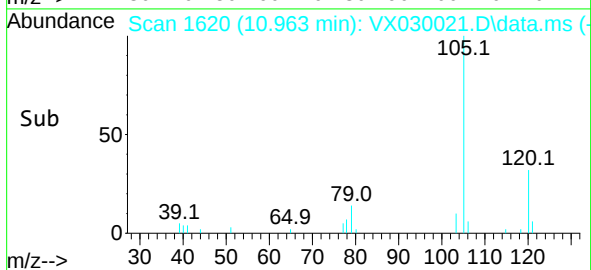
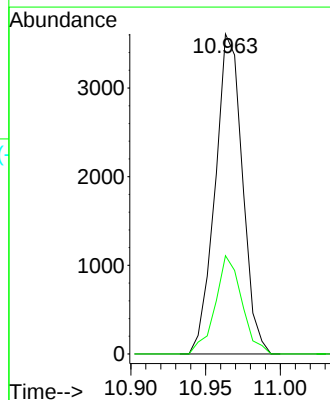
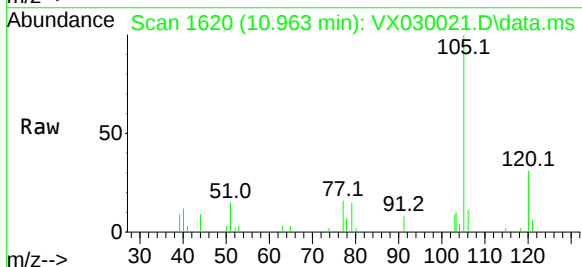
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

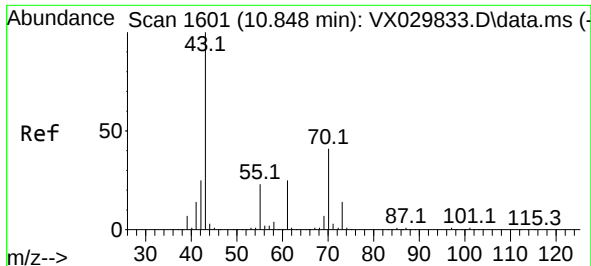
Tgt Ion:152 Resp: 151201  
Ion Ratio Lower Upper  
152 100  
115 59.0 40.5 121.5  
150 153.8 0.0 347.0



#73  
Isopropylbenzene  
Concen: 0.435 ug/l  
RT: 10.963 min Scan# 1620  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion:105 Resp: 4577  
Ion Ratio Lower Upper  
105 100  
120 30.0 13.5 40.4

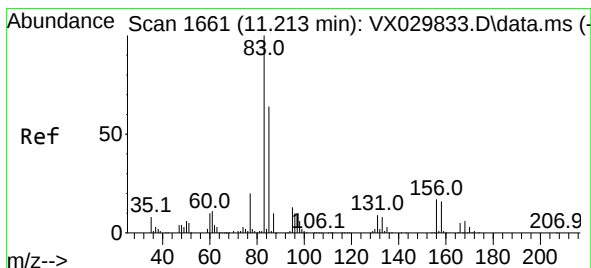
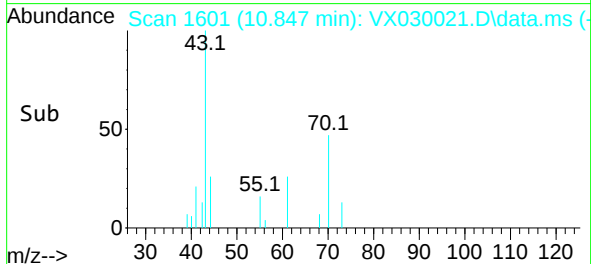
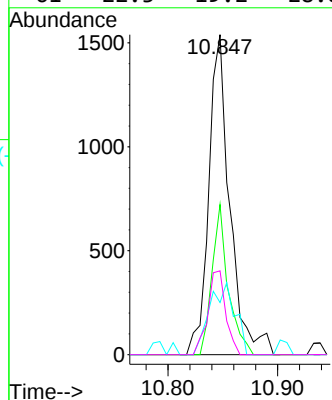
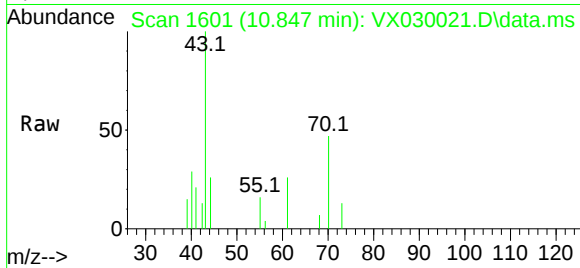




#74  
N-amy1 acetate  
Concen: 0.444 ug/l  
RT: 10.847 min Scan# 1601  
Delta R.T. -0.001 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

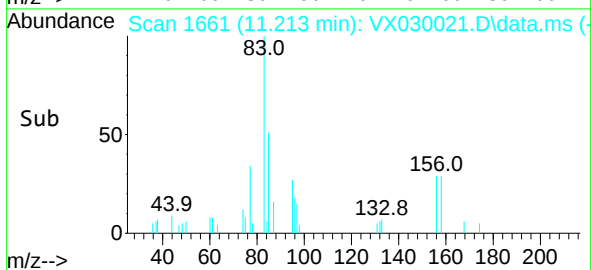
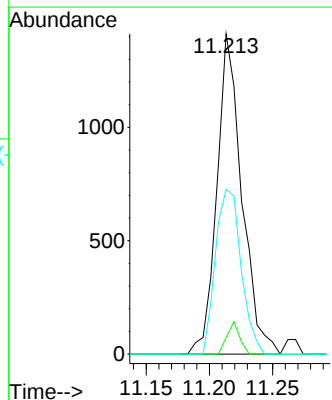
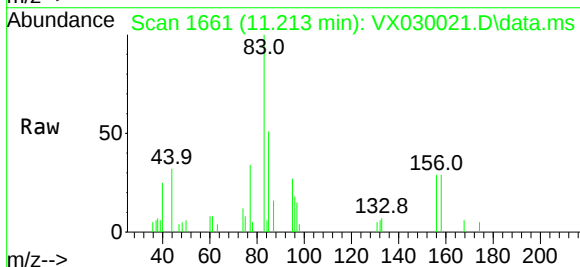
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

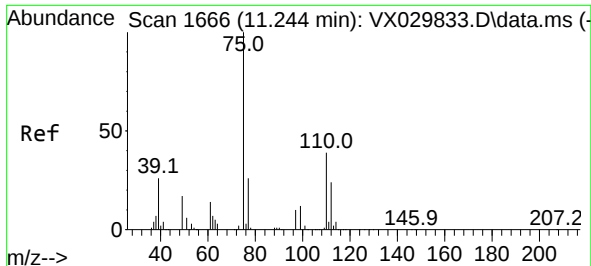
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 2055  |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 70 36.0     | 32.3 48.5   |
| 55 27.3     | 18.4 27.6   |
| 61 22.3     | 19.2 28.8   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 0.509 ug/l  
RT: 11.213 min Scan# 1661  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

|             |             |
|-------------|-------------|
| Tgt Ion: 83 | Resp: 1932  |
| Ion Ratio   | Lower Upper |
| 83 100      |             |
| 131 5.1     | 4.5 13.7    |
| 85 52.7     | 32.5 97.5   |

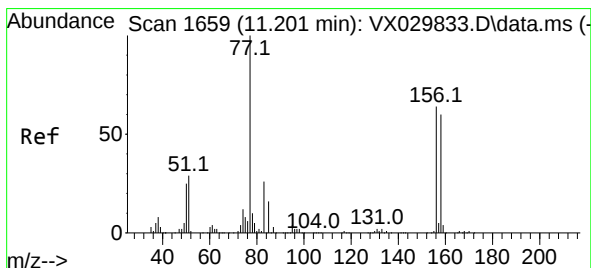
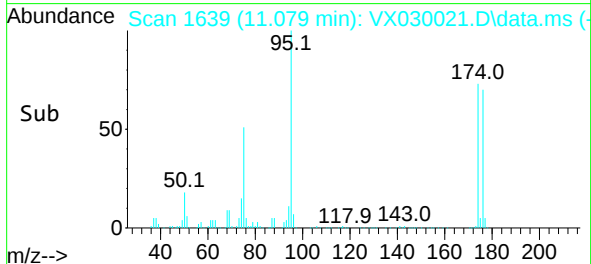
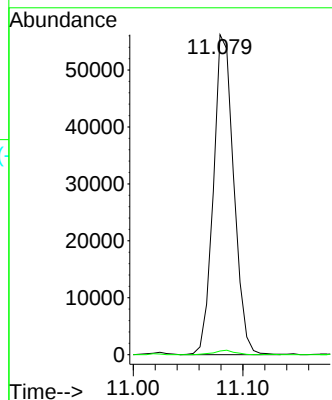
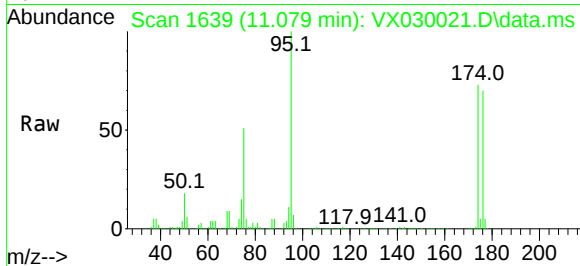




#76  
1,2,3-Trichloropropane  
Concen: 20.845 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.165 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

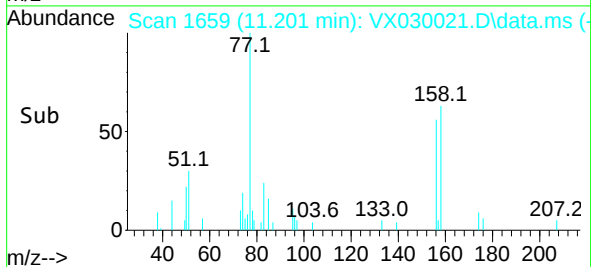
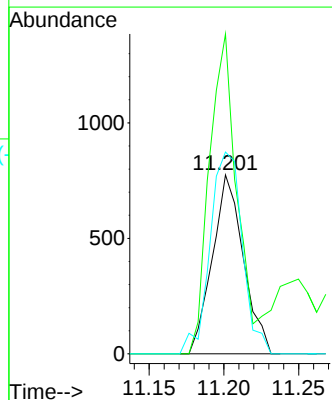
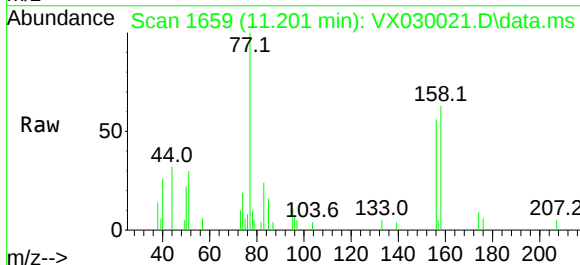
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

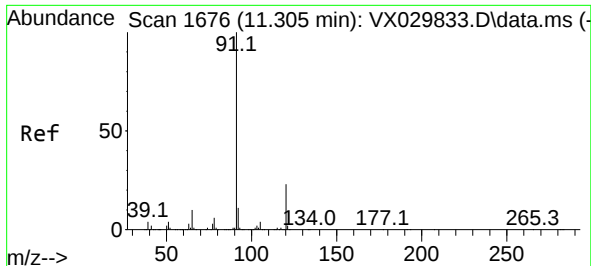
Tgt Ion: 75 Resp: 72466  
Ion Ratio Lower Upper  
75 100  
77 1.4 19.8 59.3#



#77  
Bromobenzene  
Concen: 0.424 ug/l  
RT: 11.201 min Scan# 1659  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 156 Resp: 1117  
Ion Ratio Lower Upper  
156 100  
77 161.6 82.7 247.9  
158 117.4 47.5 142.5

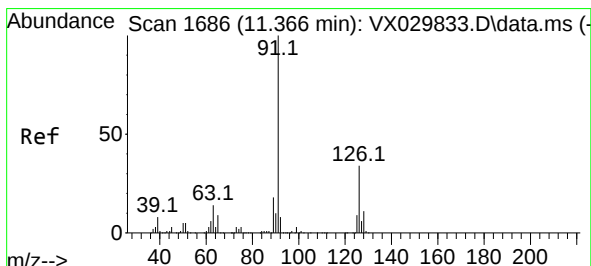
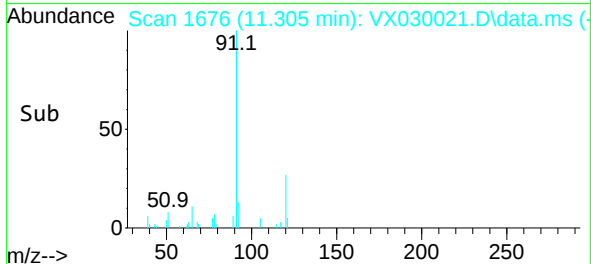
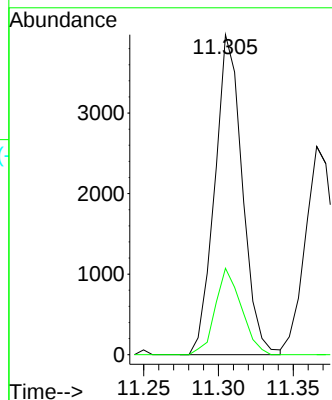
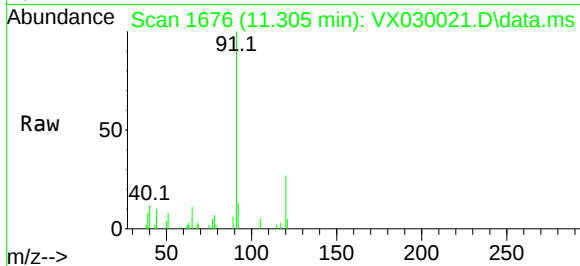




#78  
n-propylbenzene  
Concen: 0.408 ug/l  
RT: 11.305 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

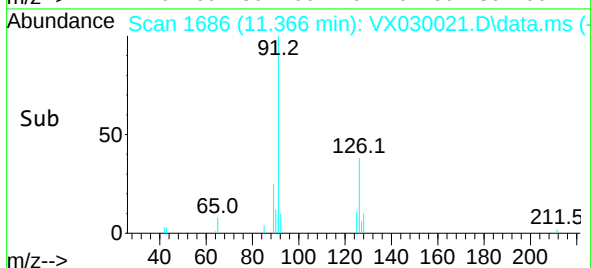
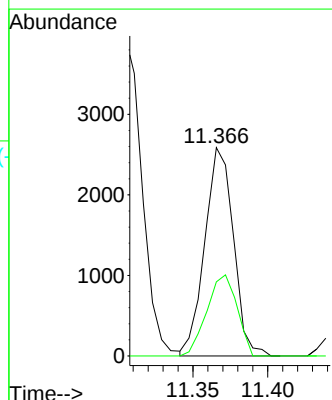
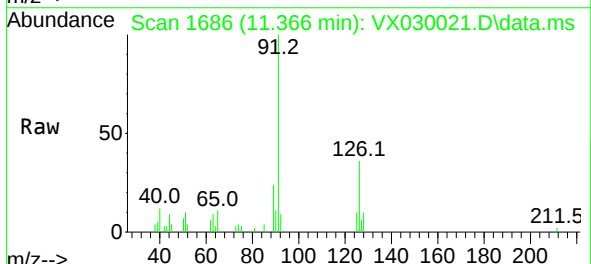
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

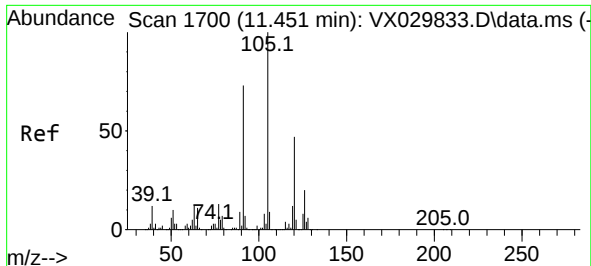
Tgt Ion: 91 Resp: 5093  
Ion Ratio Lower Upper  
91 100  
120 25.5 11.6 34.8



#79  
2-Chlorotoluene  
Concen: 0.461 ug/l  
RT: 11.366 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 91 Resp: 3449  
Ion Ratio Lower Upper  
91 100  
126 40.9 17.4 52.3

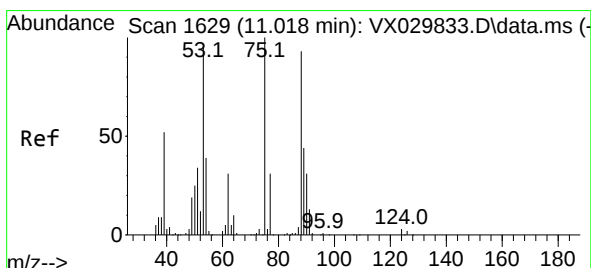
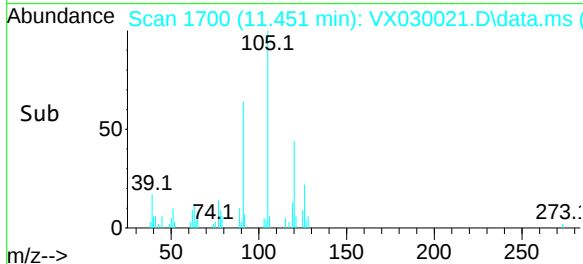
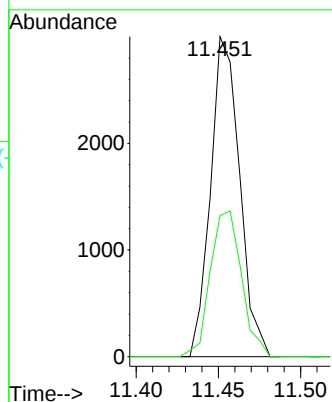
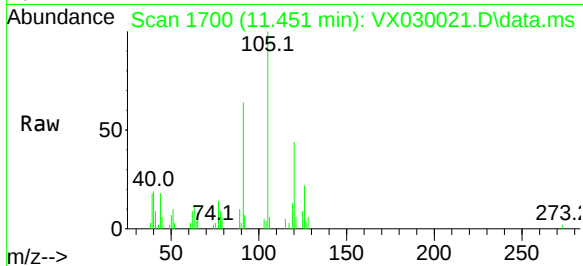




#80  
1,3,5-Trimethylbenzene  
Concen: 0.415 ug/l  
RT: 11.451 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

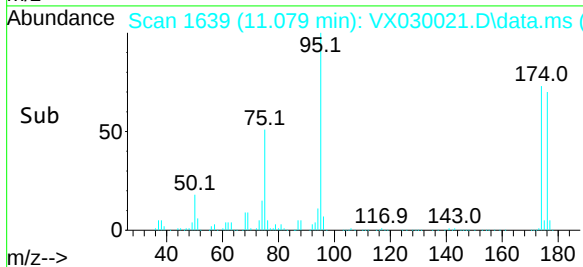
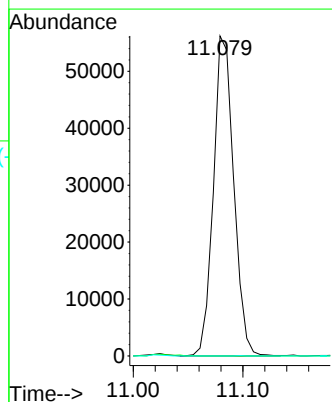
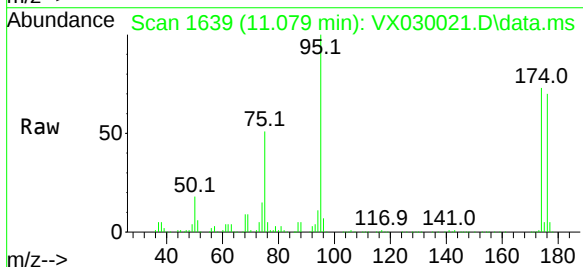
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

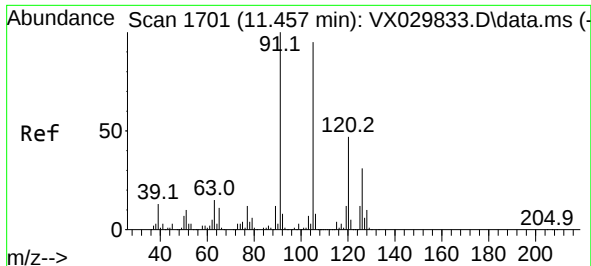
Tgt Ion:105 Resp: 3681  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.4 73.2



#81  
trans-1,4-Dichloro-2-butene  
Concen: 60.158 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.061 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 75 Resp: 72466  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.2 111.4#  
89 0.0 34.8 52.2#

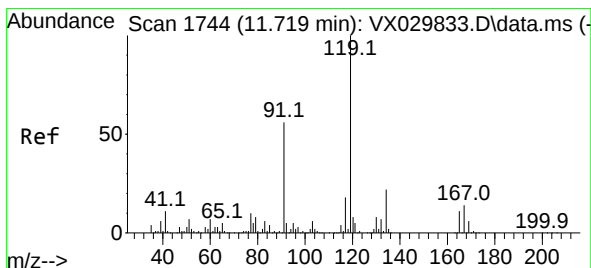
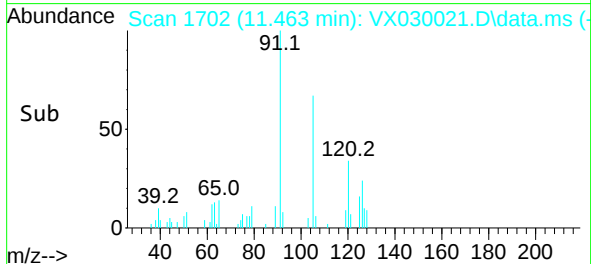
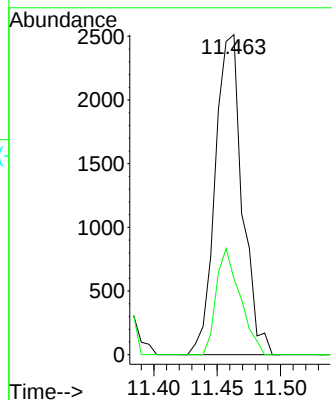
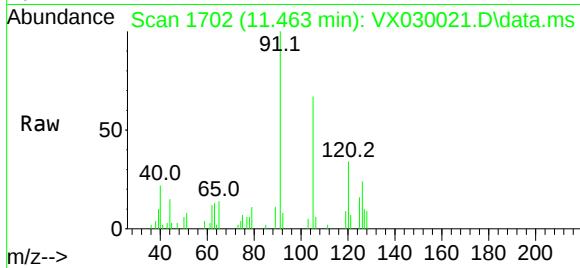




#82  
4-Chlorotoluene  
Concen: 0.447 ug/l  
RT: 11.463 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

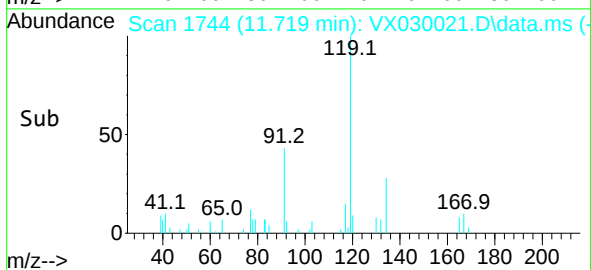
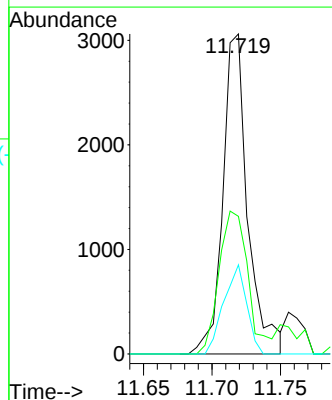
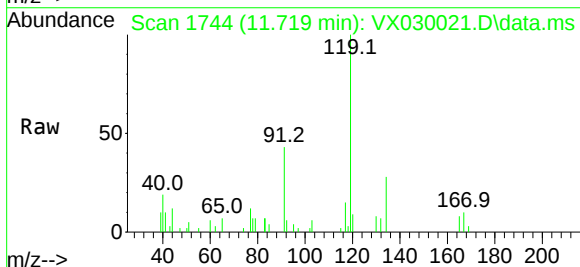
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

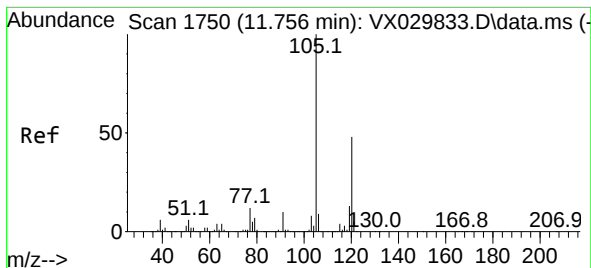
Tgt Ion: 91 Resp: 3748  
Ion Ratio Lower Upper  
91 100  
126 29.1 15.3 45.9



#83  
tert-Butylbenzene  
Concen: 0.454 ug/l  
RT: 11.719 min Scan# 1744  
Delta R.T. 0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Tgt Ion: 119 Resp: 3864  
Ion Ratio Lower Upper  
119 100  
91 52.5 28.3 84.9  
134 25.6 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 0.394 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

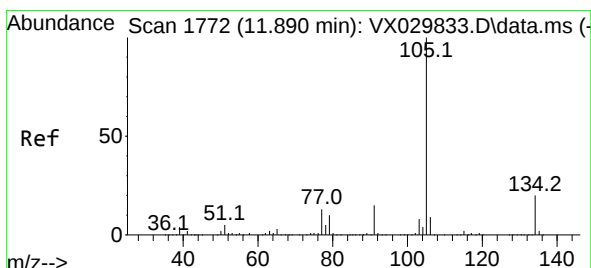
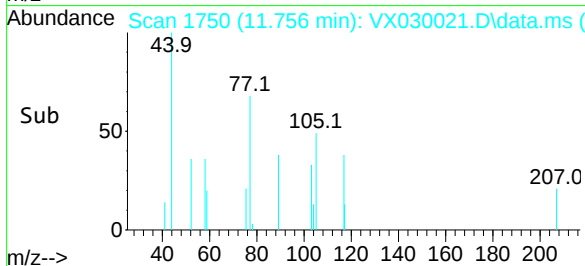
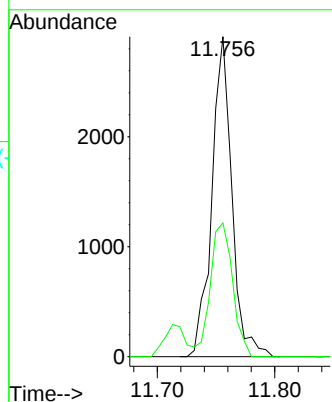
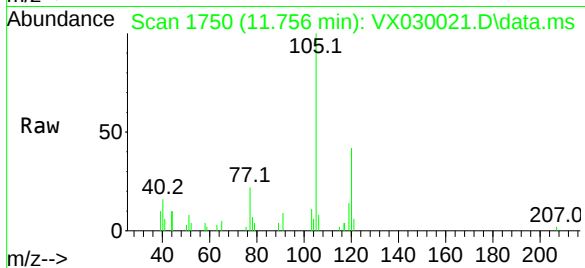
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:105 Resp: 3455

Ion Ratio Lower Upper

105 100

120 46.1 22.9 68.8



#85

sec-Butylbenzene

Concen: 0.394 ug/l

RT: 11.896 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VX030021.D

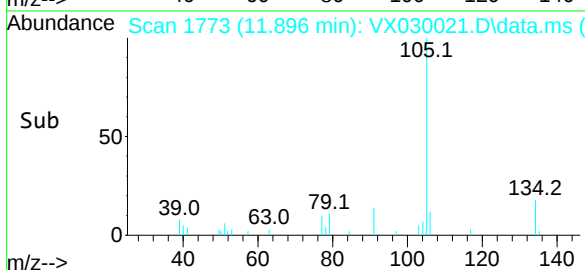
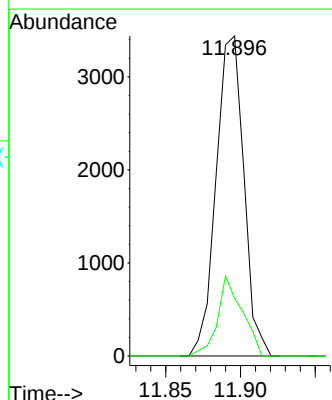
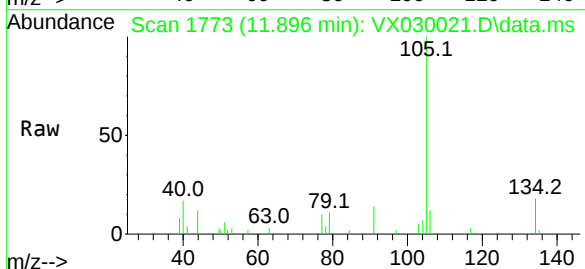
Acq: 12 Jul 2022 15:54

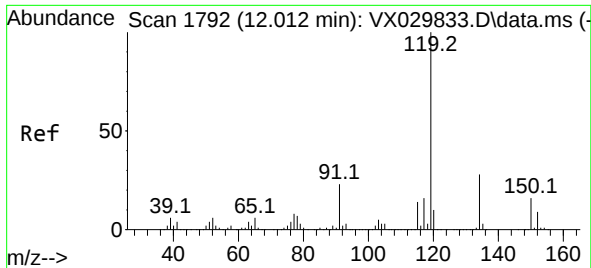
Tgt Ion:105 Resp: 4432

Ion Ratio Lower Upper

105 100

134 22.1 10.0 30.0

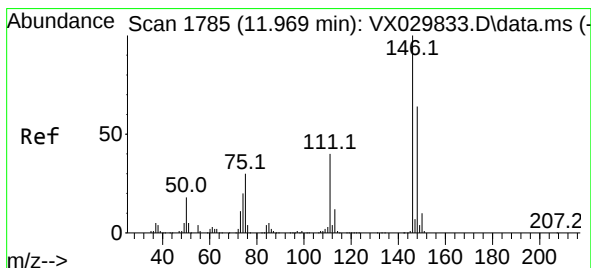
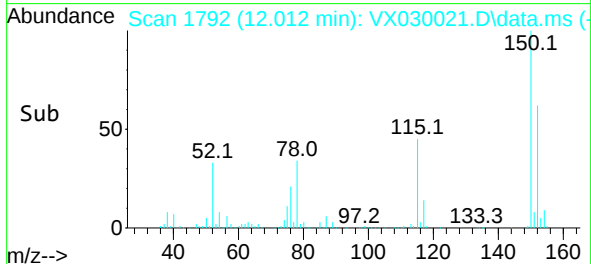
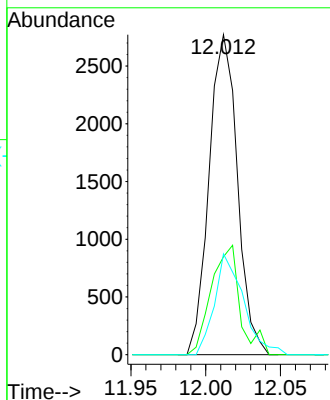
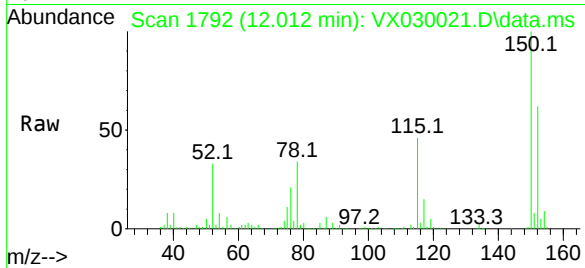




#86  
p-Isopropyltoluene  
Concen: 0.404 ug/l  
RT: 12.012 min Scan# 1792  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

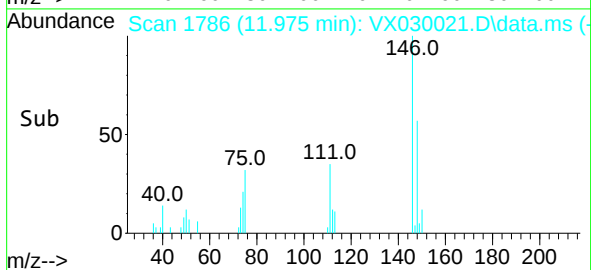
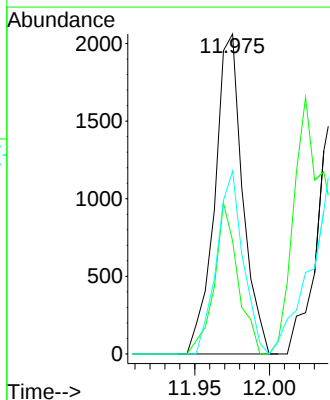
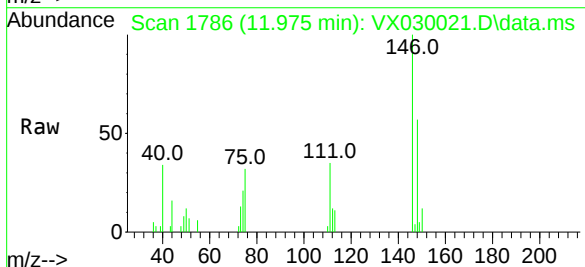
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2022

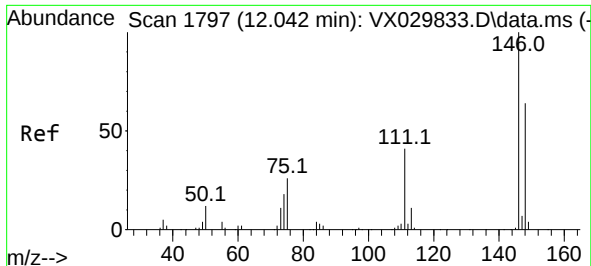
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 3648  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 134      | 34.7  | 13.9  | 41.6  |
| 91       | 32.3  | 11.8  | 35.3  |



#87  
1,3-Dichlorobenzene  
Concen: 0.550 ug/l  
RT: 11.975 min Scan# 1786  
Delta R.T. 0.006 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 2679  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 111      | 39.7  | 20.3  | 60.8  |
| 148      | 53.7  | 31.8  | 95.3  |





#88

1,4-Dichlorobenzene

Concen: 0.536 ug/l

RT: 11.975 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2022

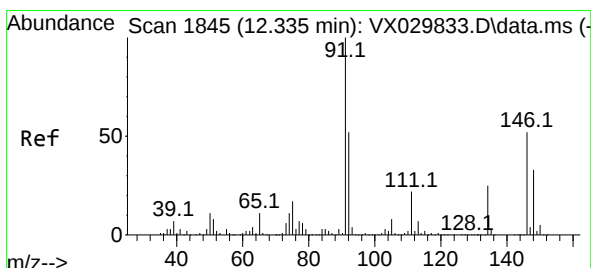
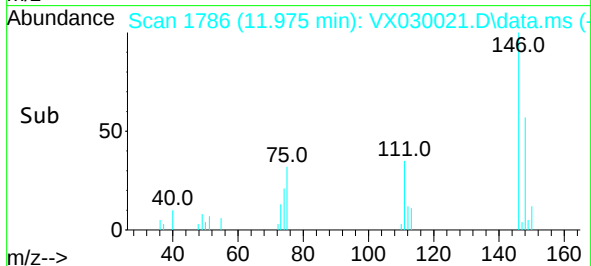
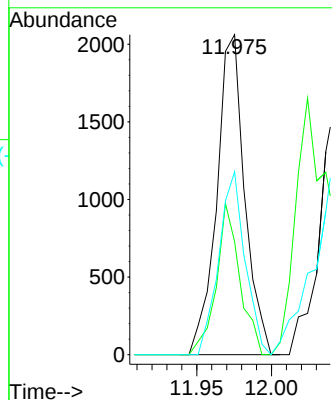
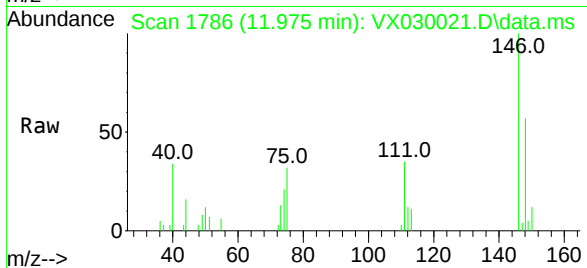
Tgt Ion:146 Resp: 2679

Ion Ratio Lower Upper

146 100

111 39.7 20.3 60.9

148 53.7 32.3 96.8



#89

n-Butylbenzene

Concen: 0.405 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

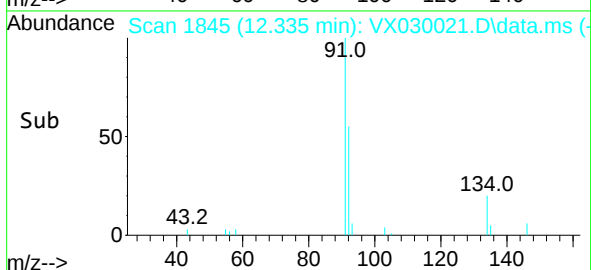
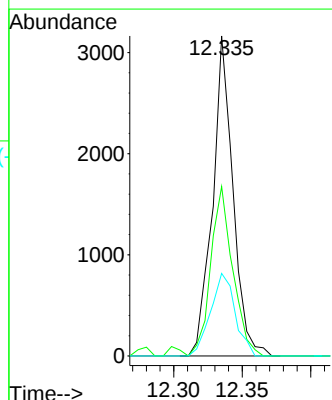
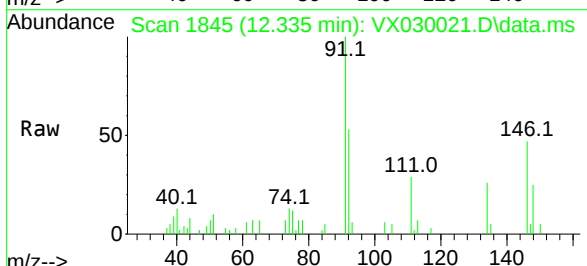
Tgt Ion: 91 Resp: 3273

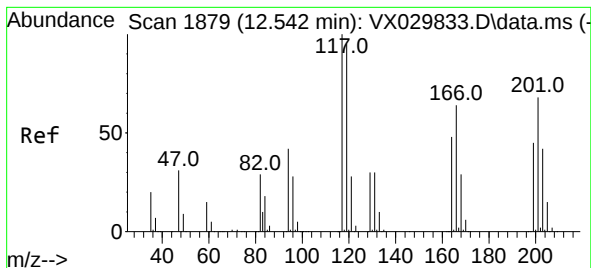
Ion Ratio Lower Upper

91 100

92 56.9 26.2 78.5

134 31.0 12.6 37.8





#90

Hexachloroethane

Concen: 0.457 ug/l

RT: 12.542 min Scan# 117

Delta R.T. 0.000 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

Instrument :

MSVOA\_X

ClientSampleId :

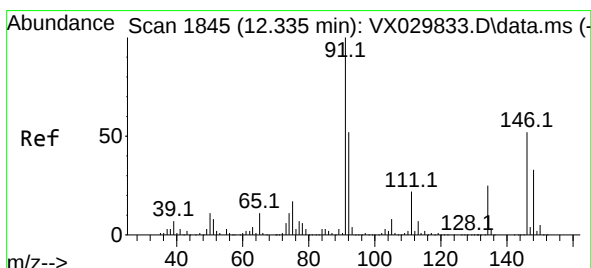
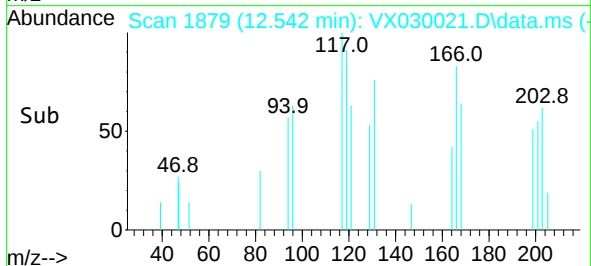
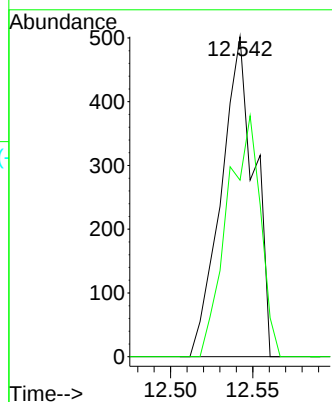
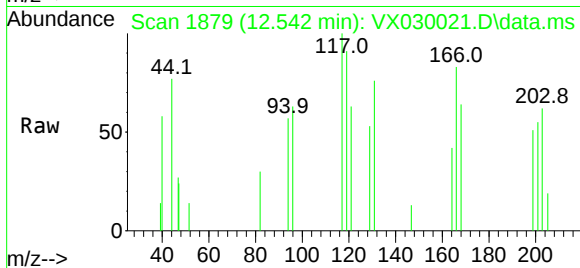
LOD-MDL-WATER-01-QT2-2022

Tgt Ion:117 Resp: 705

Ion Ratio Lower Upper

117 100

201 75.2 34.2 102.5



#91

1,2-Dichlorobenzene

Concen: 0.444 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX030021.D

Acq: 12 Jul 2022 15:54

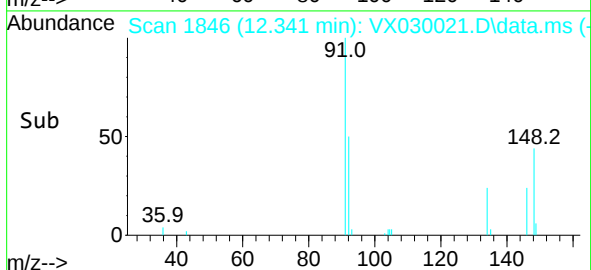
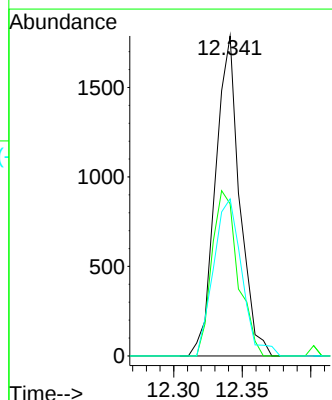
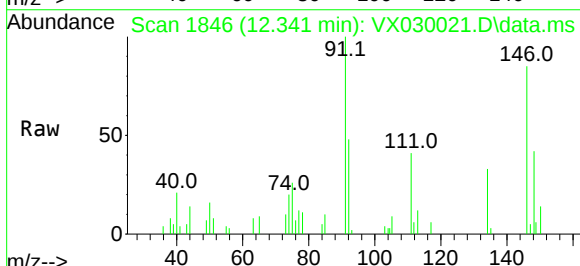
Tgt Ion:146 Resp: 2193

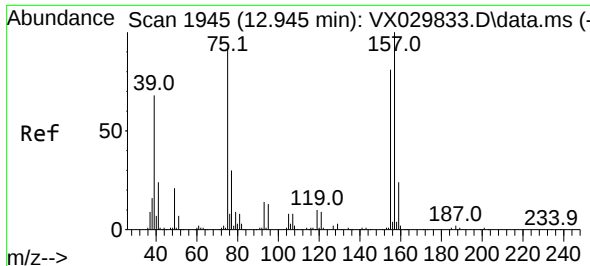
Ion Ratio Lower Upper

146 100

111 55.9 20.7 62.1

148 57.4 32.0 96.2

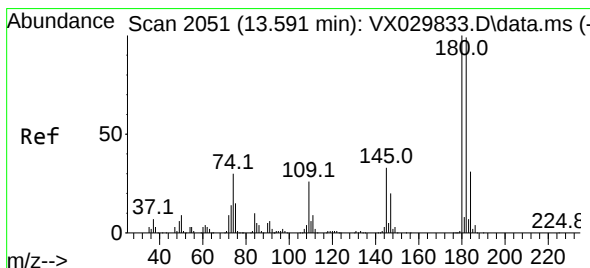
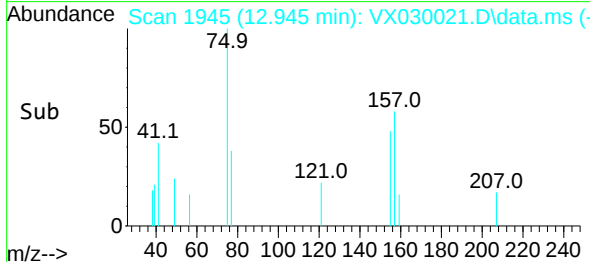
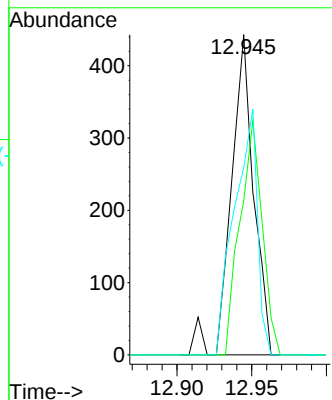
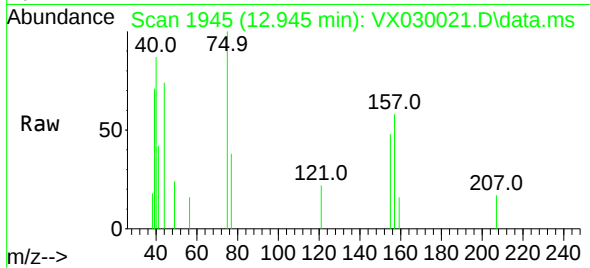




#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.536 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

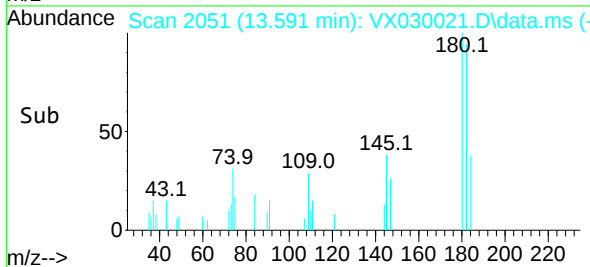
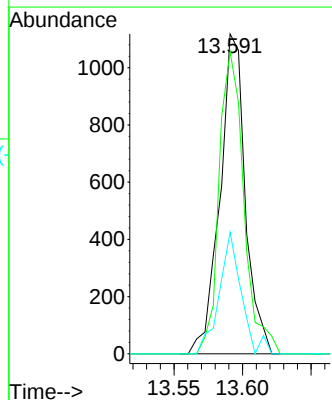
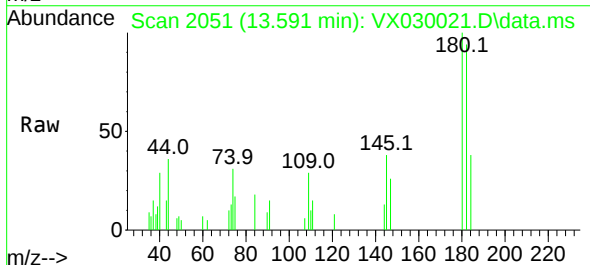
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

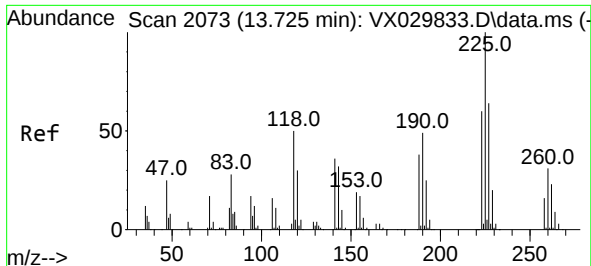
Tgt Ion: 75 Resp: 465  
Ion Ratio Lower Upper  
75 100  
155 72.3 45.0 134.8  
157 78.5 56.9 170.7



#93  
1,2,4-Trichlorobenzene  
Concen: 0.473 ug/l  
RT: 13.591 min Scan# 2051  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

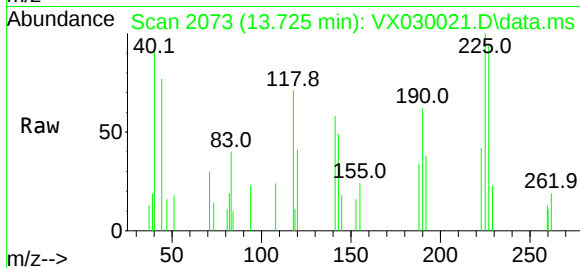
Tgt Ion: 180 Resp: 1437  
Ion Ratio Lower Upper  
180 100  
182 92.1 48.2 144.6  
145 33.0 15.9 47.6



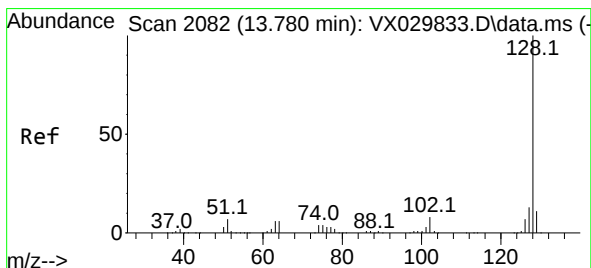
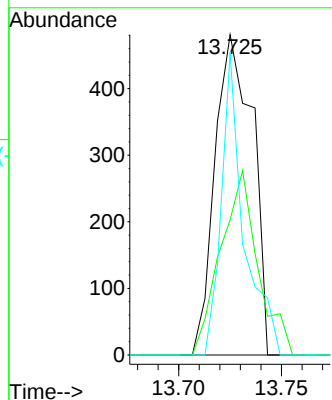
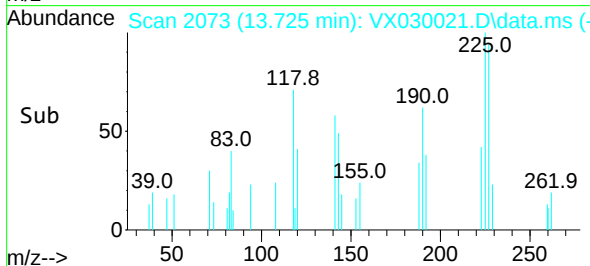


#94  
Hexachlorobutadiene  
Concen: 0.502 ug/l  
RT: 13.725 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2022

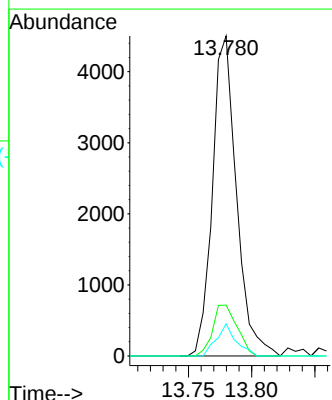
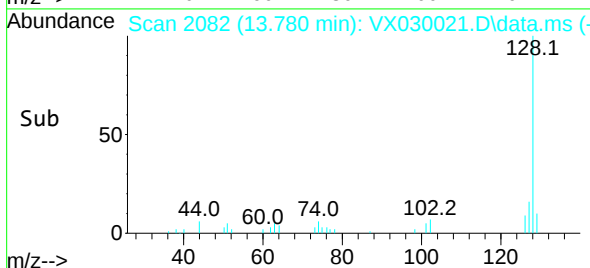
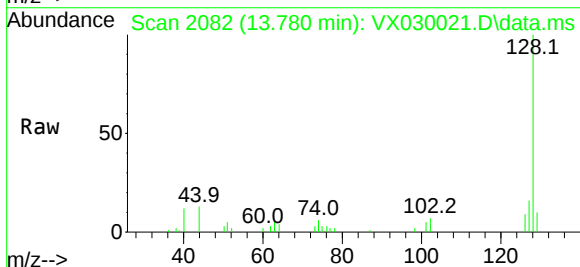


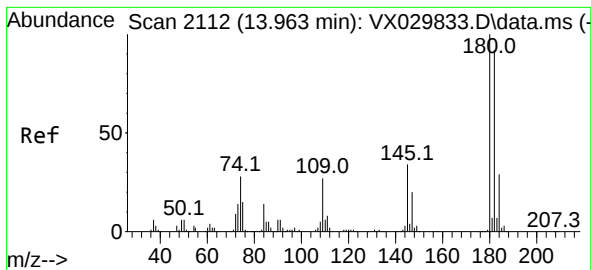
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 609       |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 57.3  | 30.6 91.6 |
| 227         | 56.7  | 31.9 95.9 |



#95  
Naphthalene  
Concen: 0.493 ug/l  
RT: 13.780 min Scan# 2082  
Delta R.T. -0.000 min  
Lab File: VX030021.D  
Acq: 12 Jul 2022 15:54

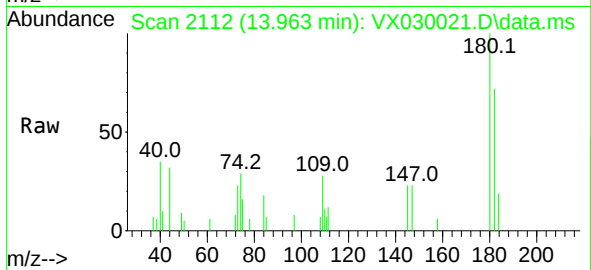
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:128 | Resp: | 5940       |
| Ion Ratio   | Lower | Upper      |
| 128         | 100   |            |
| 127         | 16.1  | 10.2 15.2# |
| 129         | 8.2   | 8.6 13.0#  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 0.457 ug/l  
 RT: 13.963 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: VX030021.D  
 Acq: 12 Jul 2022 15:54

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2022



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 180   | Resp: | 1411  |
| Ion      | Ratio | Lower | Upper |
| 180      | 100   |       |       |
| 182      | 88.4  | 47.0  | 141.0 |
| 145      | 41.9  | 17.0  | 50.9  |

