

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072123\  
 Data File : VX036612.D  
 Acq On : 21 Jul 2023 16:25  
 Operator : JC/MD  
 Sample : 03572-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 22 05:11:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 145073   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.763  | 114  | 253488   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 220850   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152  | 99985    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 89595    | 41.739   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 83.480% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 78997    | 45.340   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 90.680% |
| 50) Toluene-d8              | 8.647  | 98    | 290116   | 46.954   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 93.900% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 105356   | 45.195   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 90.400% |

|                              |       |     |       |        |        |    |
|------------------------------|-------|-----|-------|--------|--------|----|
| Target Compounds             |       |     |       | Qvalue |        |    |
| 2) Dichlorodifluoromethane   | 1.166 | 85  | 498   | 0.260  | ug/l   | 89 |
| 3) Chloromethane             | 1.295 | 50  | 952   | 0.546  | ug/l   | 92 |
| 4) Vinyl Chloride            | 1.374 | 62  | 349   | 0.197  | ug/l   | 92 |
| 5) Bromomethane              | 1.624 | 94  | 536   | 0.506  | ug/l # | 27 |
| 6) Chloroethane              | 1.685 | 64  | 574   | 0.665  | ug/l # | 78 |
| 7) Trichlorofluoromethane    | 1.892 | 101 | 521   | 0.190  | ug/l   | 88 |
| 8) Diethyl Ether             | 2.136 | 74  | 225   | 0.212  | ug/l   | 92 |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 256   | 0.155  | ug/l # | 44 |
| 10) Methyl Iodide            | 2.453 | 142 | 342   | 0.200  | ug/l # | 81 |
| 11) Tert butyl alcohol       | 2.989 | 59  | 107   | 0.211  | ug/l # | 1  |
| 12) 1,1-Dichloroethene       | 2.331 | 96  | 514   | 0.316  | ug/l # | 33 |
| 13) Acrolein                 | 2.246 | 56  | 577   | 1.990  | ug/l # | 62 |
| 14) Allyl chloride           | 2.660 | 41  | 705   | 0.220  | ug/l # | 62 |
| 15) Acrylonitrile            | 3.087 | 53  | 1201  | 1.175  | ug/l   | 88 |
| 16) Acetone                  | 2.392 | 43  | 1457  | 1.636  | ug/l # | 74 |
| 17) Carbon Disulfide         | 2.514 | 76  | 1845  | 0.412  | ug/l   | 98 |
| 18) Methyl Acetate           | 2.709 | 43  | 1164  | 0.311  | ug/l # | 90 |
| 19) Methyl tert-butyl Ether  | 3.105 | 73  | 826   | 0.135  | ug/l # | 54 |
| 20) Methylene Chloride       | 2.788 | 84  | 911   | 0.460  | ug/l # | 88 |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 492   | 0.271  | ug/l # | 83 |
| 22) Diisopropyl ether        | 3.757 | 45  | 1249  | 0.206  | ug/l # | 84 |
| 23) Vinyl Acetate            | 3.733 | 43  | 4038  | 0.867  | ug/l # | 94 |
| 24) 1,1-Dichloroethane       | 3.611 | 63  | 487   | 0.143  | ug/l # | 83 |
| 25) 2-Butanone               | 4.587 | 43  | 1483  | 1.026  | ug/l # | 89 |
| 26) 2,2-Dichloropropane      | 4.324 | 77  | 106   | 0.033  | ug/l   | 92 |
| 27) cis-1,2-Dichloroethene   | 4.495 | 96  | 479   | 0.222  | ug/l   | 54 |
| 28) Bromochloromethane       | 4.916 | 49  | 181   | 0.110  | ug/l # | 84 |
| 29) Tetrahydrofuran          | 5.026 | 42  | 1033  | 1.109  | ug/l # | 71 |
| 30) Chloroform               | 5.093 | 83  | 812   | 0.233  | ug/l   | 97 |
| 31) Cyclohexane              | 5.696 | 56  | 162   | 0.055  | ug/l   | 97 |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 763   | 0.239  | ug/l # | 23 |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 524   | 0.202  | ug/l # | 83 |
| 37) Ethyl Acetate            | 4.721 | 43  | 153   | 0.052  | ug/l # | 35 |
| 38) Carbon Tetrachloride     | 5.550 | 117 | 16217 | 5.874  | ug/l # | 15 |
| 39) Methylcyclohexane        | 7.373 | 83  | 850   | 0.263  | ug/l # | 72 |
| 40) Benzene                  | 6.038 | 78  | 1282  | 0.170  | ug/l # | 77 |

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 Acq On : 21 Jul 2023 16:25  
 Operator : JC/MD  
 Sample : 03572-07 0.2PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 22 05:11:30 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 21 12:14:12 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.922  | 41   | 118      | 0.075  | ug/l # | 41       |
| 42) 1,2-Dichloroethane        | 6.105  | 62   | 476      | 0.172  | ug/l   | 92       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 647      | 0.128  | ug/l # | 68       |
| 44) Trichloroethene           | 7.123  | 130  | 392      | 0.198  | ug/l   | 33       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 273      | 0.135  | ug/l # | 44       |
| 46) Dibromomethane            | 7.592  | 93   | 265      | 0.188  | ug/l # | 64       |
| 47) Bromodichloromethane      | 7.830  | 83   | 685      | 0.236  | ug/l # | 90       |
| 48) Methyl methacrylate       | 7.696  | 41   | 414      | 0.176  | ug/l # | 59       |
| 49) 1,4-Dioxane               | 7.732  | 88   | 128      | 2.693  | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone      | 8.580  | 43   | 1962     | 0.701  | ug/l # | 83       |
| 52) Toluene                   | 8.720  | 92   | 816      | 0.172  | ug/l   | 76       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 529      | 0.162  | ug/l # | 82       |
| 54) cis-1,3-Dichloropropene   | 8.366  | 75   | 500      | 0.145  | ug/l # | 79       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 347      | 0.174  | ug/l # | 90       |
| 56) Ethyl methacrylate        | 9.135  | 69   | 341      | 0.105  | ug/l # | 22       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 421      | 0.127  | ug/l # | 69       |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 1187     | 0.743  | ug/l   | 98       |
| 59) 2-Hexanone                | 9.439  | 43   | 1665     | 0.801  | ug/l   | 98       |
| 60) Dibromochloromethane      | 9.525  | 129  | 238      | 0.109  | ug/l   | 78       |
| 61) 1,2-Dibromoethane         | 9.616  | 107  | 361      | 0.175  | ug/l   | 89       |
| 64) Tetrachloroethene         | 9.269  | 164  | 349      | 0.212  | ug/l # | 79       |
| 65) Chlorobenzene             | 10.079 | 112  | 821      | 0.169  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 222      | 0.118  | ug/l # | 57       |
| 67) Ethyl Benzene             | 10.195 | 91   | 1674     | 0.188  | ug/l   | 94       |
| 68) m/p-Xylenes               | 10.305 | 106  | 1220     | 0.368  | ug/l   | 98       |
| 69) o-Xylene                  | 10.640 | 106  | 554      | 0.167  | ug/l   | 88       |
| 70) Styrene                   | 10.665 | 104  | 961      | 0.176  | ug/l   | 88       |
| 71) Bromoform                 | 10.799 | 173  | 194      | 0.127  | ug/l # | 29       |
| 73) Isopropylbenzene          | 10.963 | 105  | 1562     | 0.189  | ug/l   | 99       |
| 74) N-amyl acetate            | 10.848 | 43   | 795      | 0.206  | ug/l # | 64       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 701      | 0.251  | ug/l   | 78       |
| 76) 1,2,3-Trichloropropane    | 11.079 | 75   | 53832    | 22.890 | ug/l # | 39       |
| 77) Bromobenzene              | 11.201 | 156  | 334      | 0.177  | ug/l   | 69       |
| 78) n-propylbenzene           | 11.305 | 91   | 1907     | 0.199  | ug/l   | 93       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 1340     | 0.231  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1290     | 0.186  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 53832    | 51.882 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 1636     | 0.248  | ug/l   | 90       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 1229     | 0.181  | ug/l   | 89       |
| 84) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 1343     | 0.194  | ug/l   | 100      |
| 85) sec-Butylbenzene          | 11.890 | 105  | 1690     | 0.199  | ug/l   | 94       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 1357     | 0.194  | ug/l # | 56       |
| 87) 1,3-Dichlorobenzene       | 11.976 | 146  | 737      | 0.211  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene       | 11.976 | 146  | 737      | 0.213  | ug/l   | 93       |
| 89) n-Butylbenzene            | 12.335 | 91   | 1580     | 0.253  | ug/l   | 95       |
| 90) Hexachloroethane          | 12.536 | 117  | 231      | 0.163  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene       | 12.341 | 146  | 654      | 0.194  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 95       | 0.146  | ug/l # | 55       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 465      | 0.224  | ug/l   | 95       |
| 94) Hexachlorobutadiene       | 13.731 | 225  | 213      | 0.248  | ug/l   | 89       |
| 95) Naphthalene               | 13.780 | 128  | 1803     | 0.249  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 461      | 0.225  | ug/l   | 91       |

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Data File : VX036612.D  
Acq On : 21 Jul 2023 16:25  
Operator : JC/MD  
Sample : 03572-07 0.2PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 15 Sample Multiplier: 1

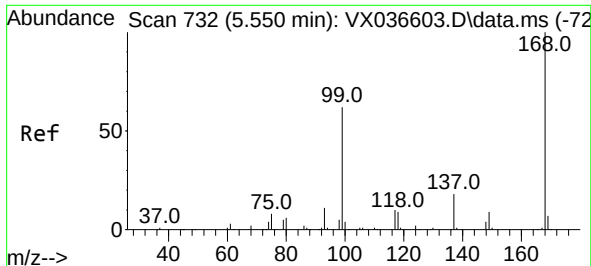
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

Quant Time: Jul 22 05:11:30 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X072123W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 21 12:14:12 2023  
Response via : Initial Calibration

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

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

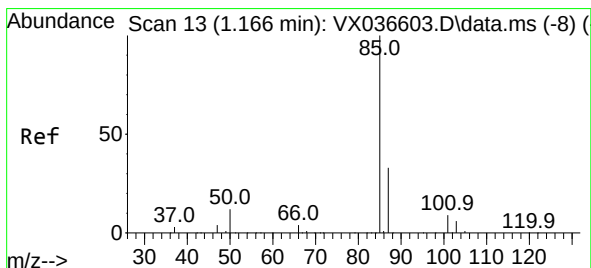
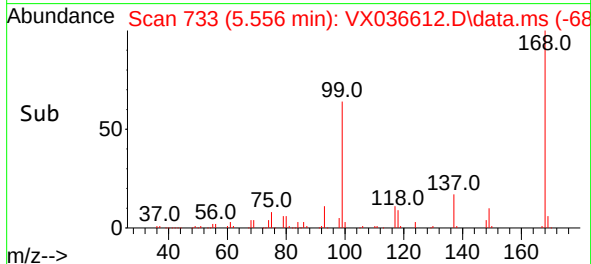
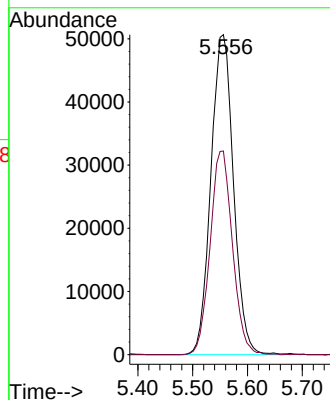
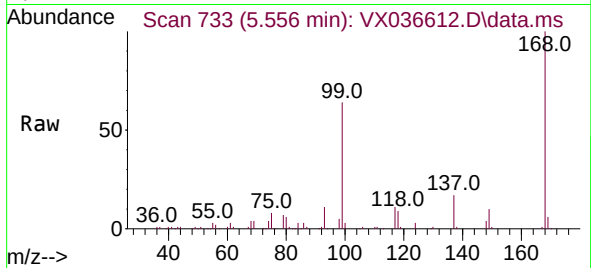




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

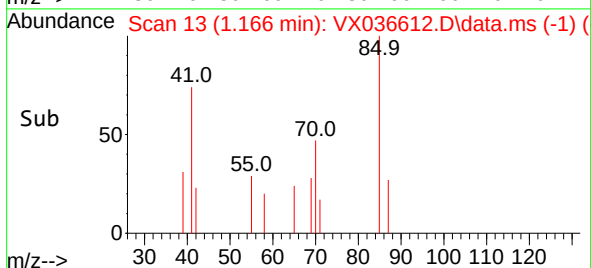
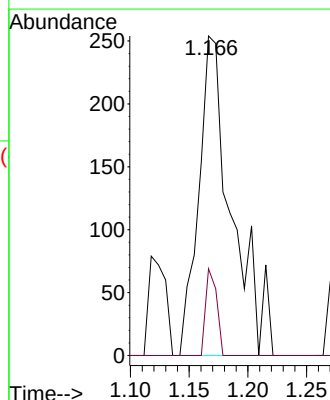
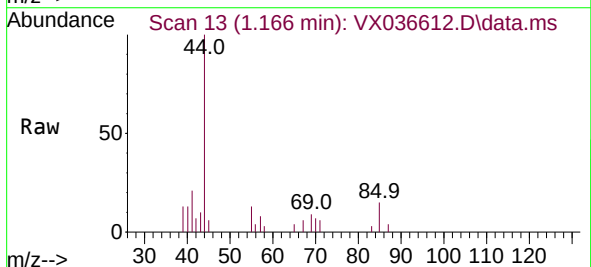
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

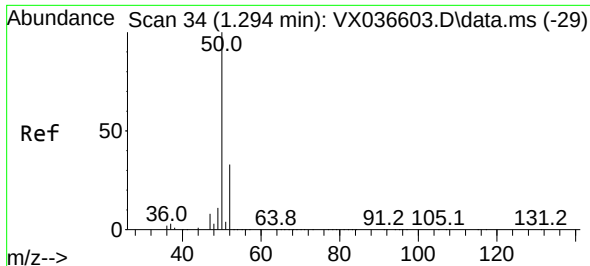
Tgt Ion:168 Resp: 145073  
Ion Ratio Lower Upper  
168 100  
99 63.7 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 0.260 ug/l  
RT: 1.166 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 85 Resp: 498  
Ion Ratio Lower Upper  
85 100  
87 27.2 16.7 50.1

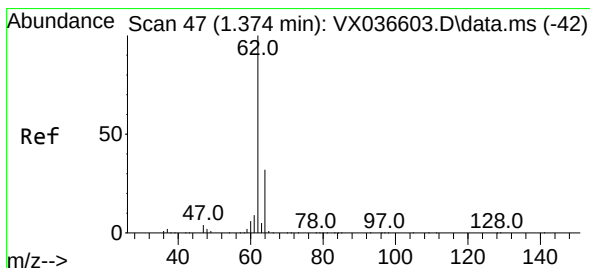
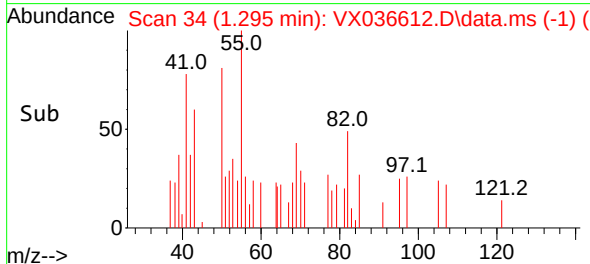
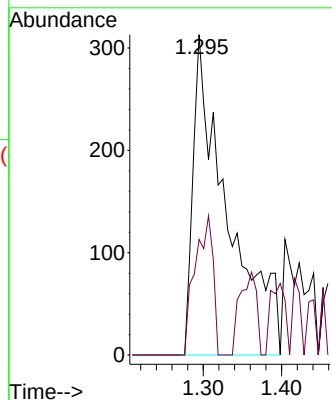
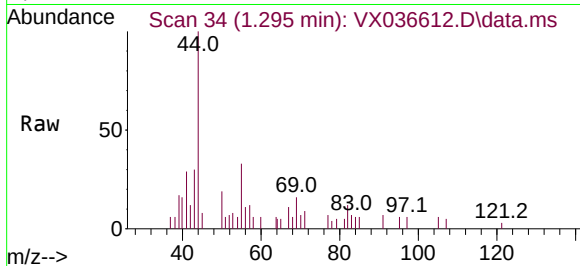




#3  
Chloromethane  
Concen: 0.546 ug/l  
RT: 1.295 min Scan# 34  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

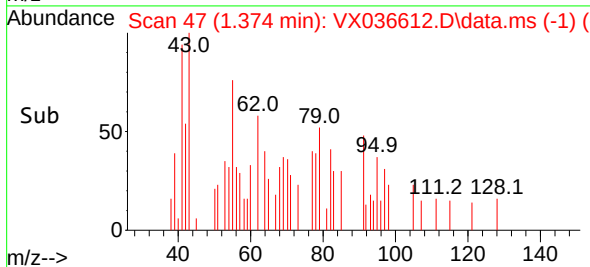
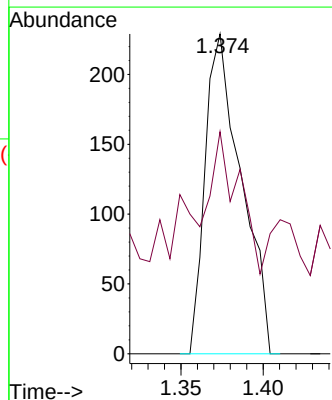
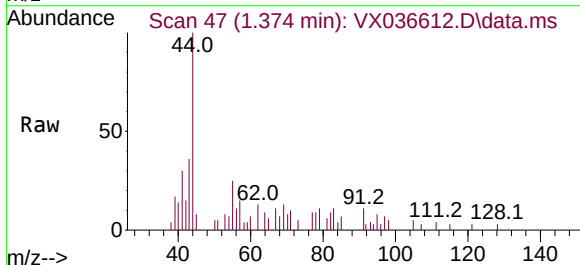
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

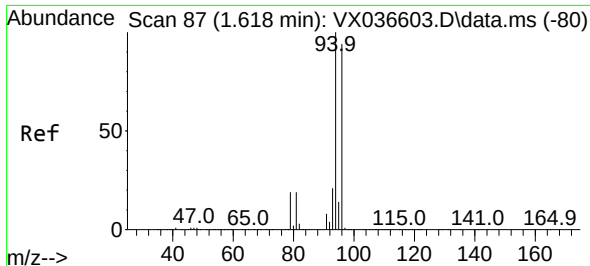
Tgt Ion: 50 Resp: 952  
Ion Ratio Lower Upper  
50 100  
52 36.1 25.5 38.3



#4  
Vinyl Chloride  
Concen: 0.197 ug/l  
RT: 1.374 min Scan# 47  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 62 Resp: 349  
Ion Ratio Lower Upper  
62 100  
64 27.5 25.4 38.0

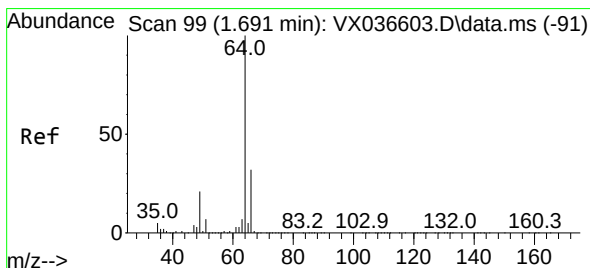
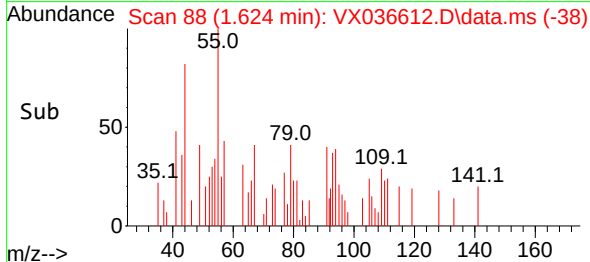
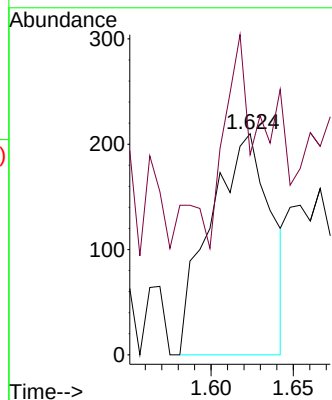
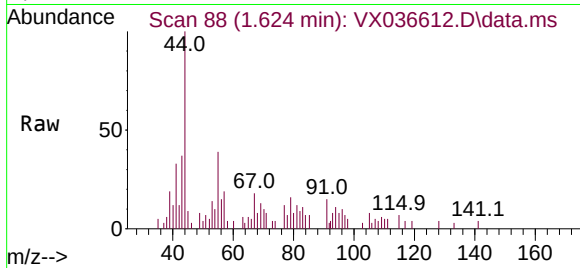




#5  
Bromomethane  
Concen: 0.506 ug/l  
RT: 1.624 min Scan# 87  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

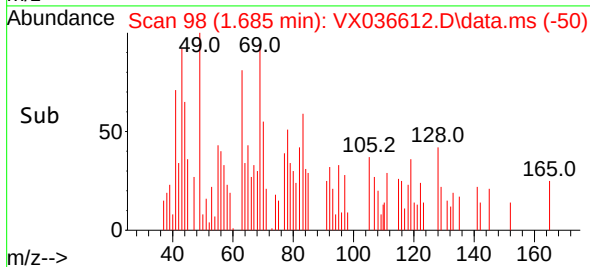
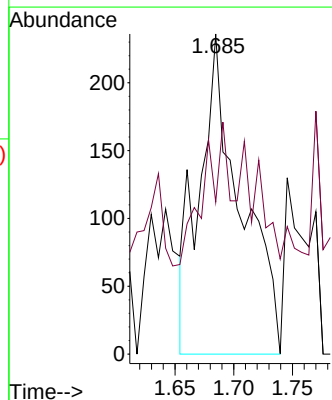
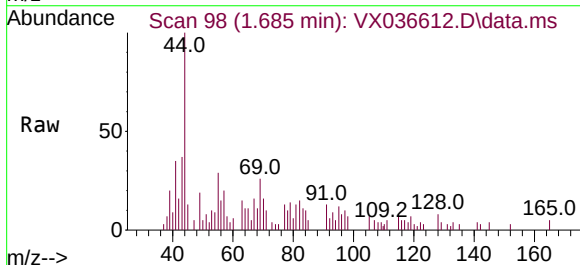
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

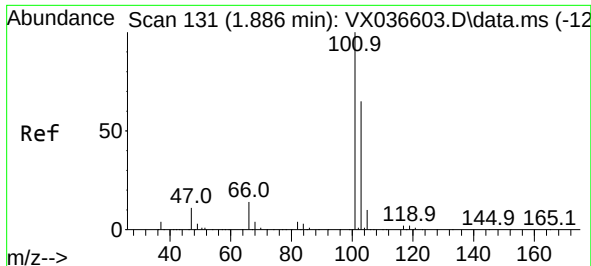
Tgt Ion: 94 Resp: 536  
Ion Ratio Lower Upper  
94 100  
96 22.9 74.6 111.8#



#6  
Chloroethane  
Concen: 0.665 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. -0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 64 Resp: 574  
Ion Ratio Lower Upper  
64 100  
66 19.5 25.1 37.7#

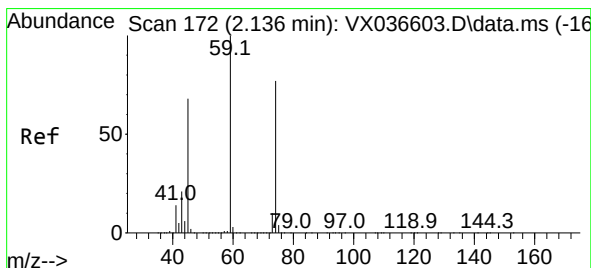
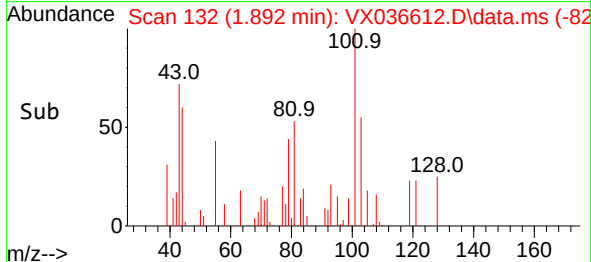
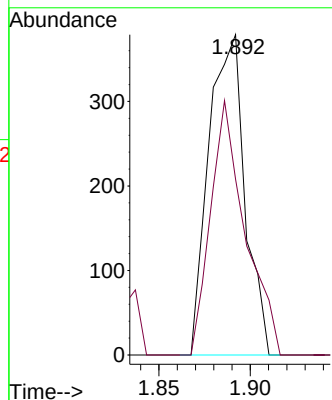
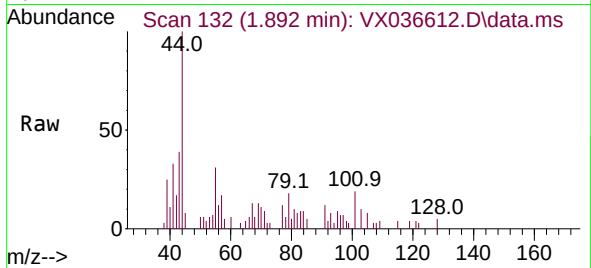




#7  
Trichlorofluoromethane  
Concen: 0.190 ug/l  
RT: 1.892 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

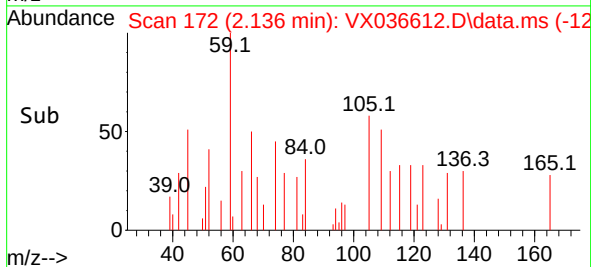
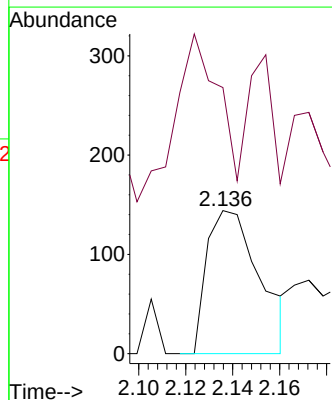
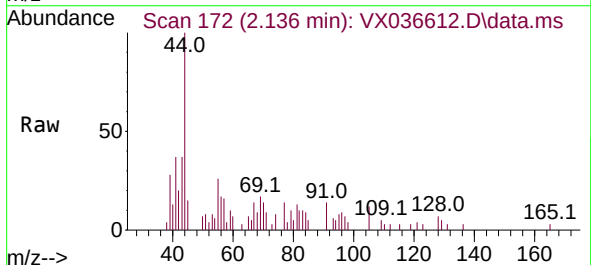
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:101 Resp: 521  
Ion Ratio Lower Upper  
101 100  
103 54.9 51.4 77.2

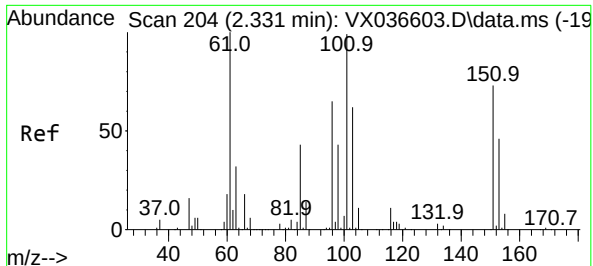


#8  
Diethyl Ether  
Concen: 0.212 ug/l  
RT: 2.136 min Scan# 172  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 74 Resp: 225  
Ion Ratio Lower Upper  
74 100  
45 98.2 53.3 159.8



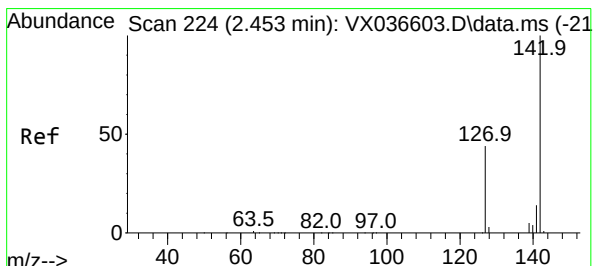
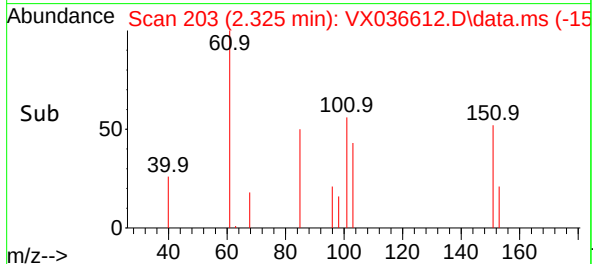
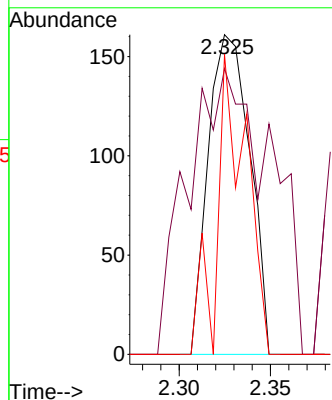
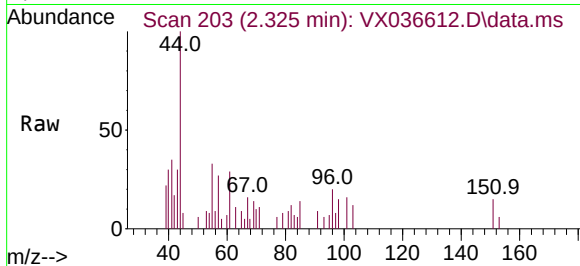




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 0.155 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

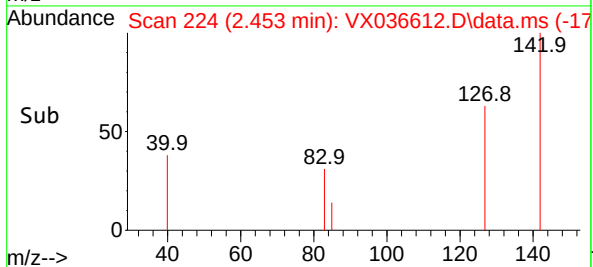
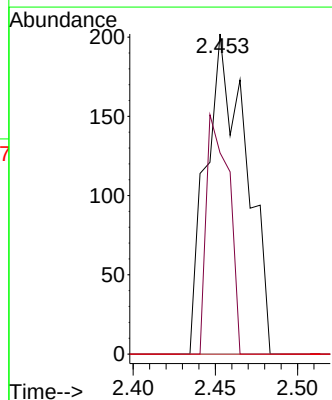
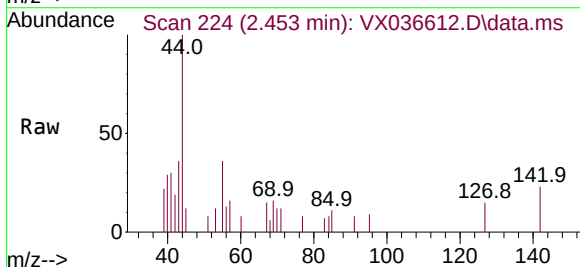
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

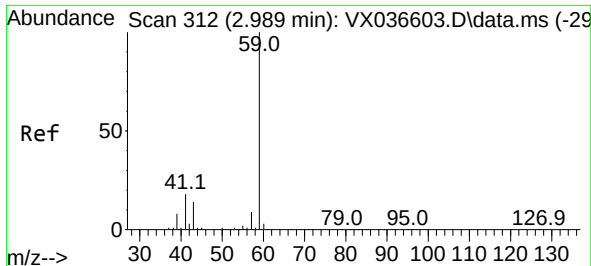
Tgt Ion:101 Resp: 256  
Ion Ratio Lower Upper  
101 100  
85 135.2 37.0 55.6#  
151 67.2 58.6 87.8



#10  
Methyl Iodide  
Concen: 0.200 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion:142 Resp: 342  
Ion Ratio Lower Upper  
142 100  
127 42.1 41.6 62.4  
141 0.0 11.6 17.4#

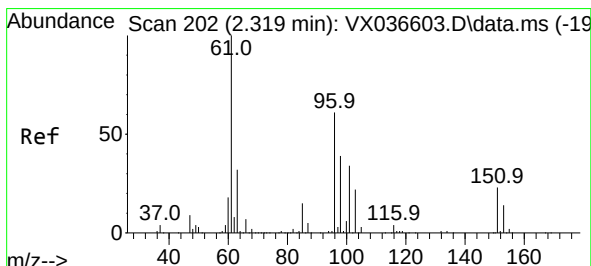
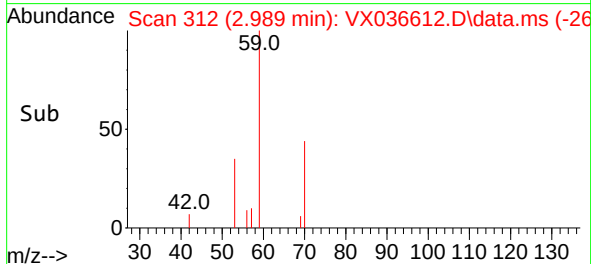
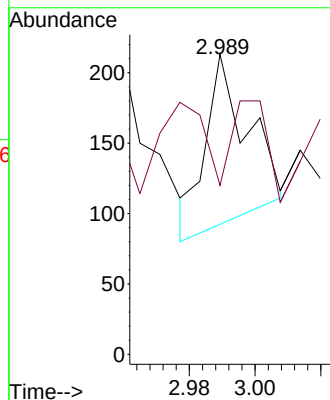
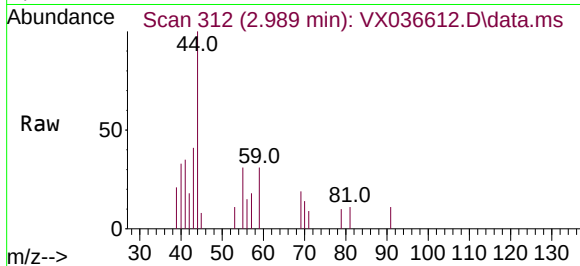




#11  
Tert butyl alcohol  
Concen: 0.211 ug/l  
RT: 2.989 min Scan# 312  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

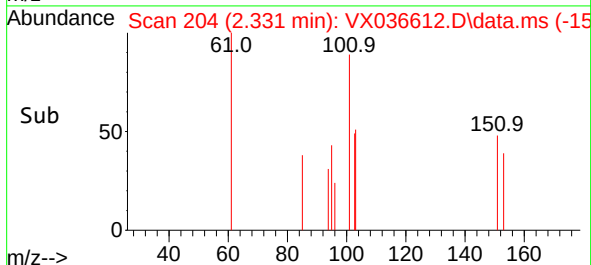
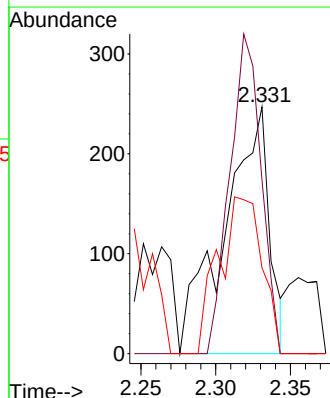
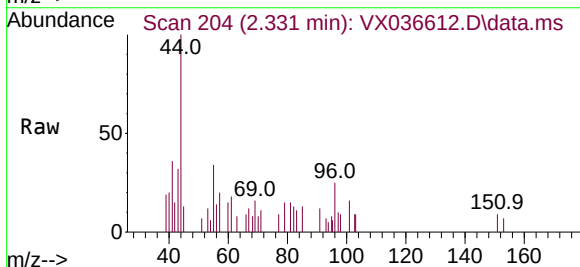
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

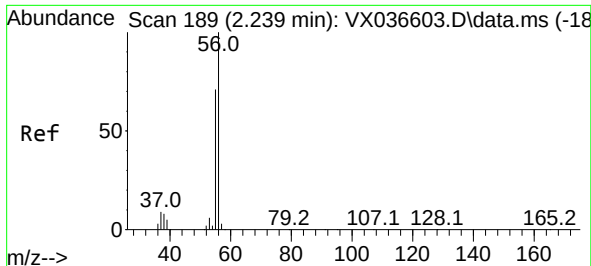
Tgt Ion: 59 Resp: 107  
Ion Ratio Lower Upper  
59 100  
57 49.5 6.0 9.0#



#12  
1,1-Dichloroethene  
Concen: 0.316 ug/l  
RT: 2.331 min Scan# 204  
Delta R.T. 0.012 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 96 Resp: 514  
Ion Ratio Lower Upper  
96 100  
61 70.4 144.6 216.8#  
98 34.8 50.4 75.6#





#13

Acrolein

Concen: 1.990 ug/l

RT: 2.246 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

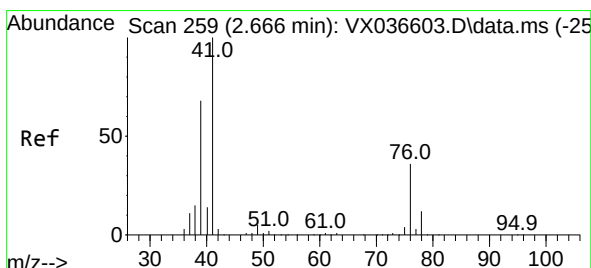
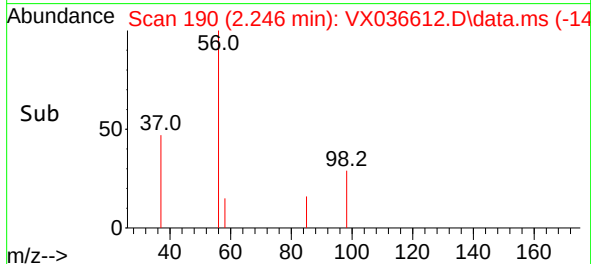
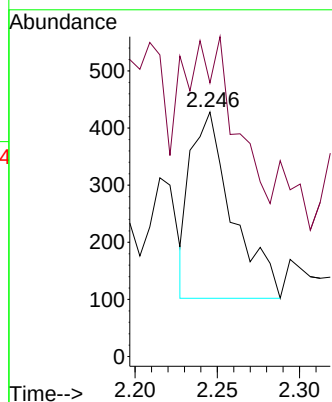
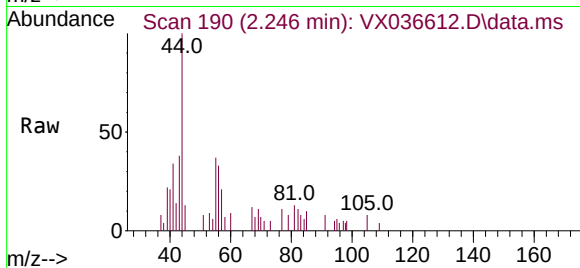
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 56 Resp: 577

Ion Ratio Lower Upper

56 100

55 103.3 57.1 85.7#



#14

Allyl chloride

Concen: 0.220 ug/l

RT: 2.660 min Scan# 258

Delta R.T. -0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

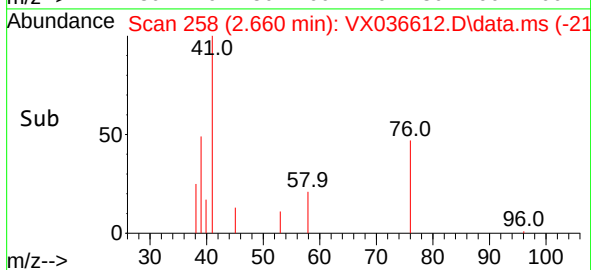
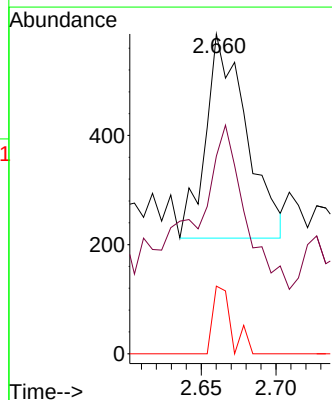
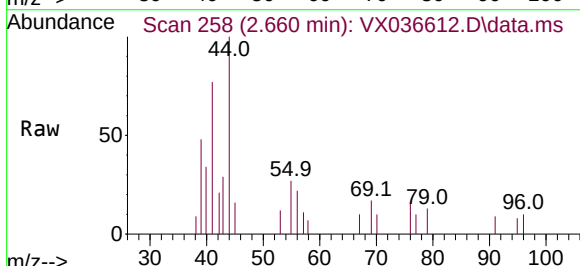
Tgt Ion: 41 Resp: 705

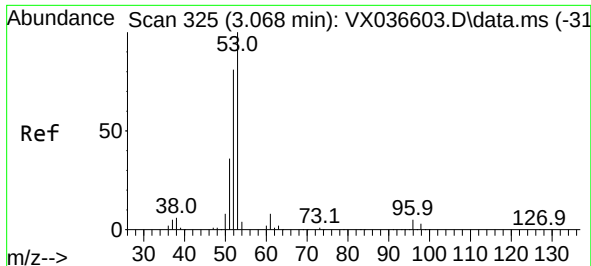
Ion Ratio Lower Upper

41 100

39 104.4 55.8 83.6#

76 15.0 24.3 36.5#

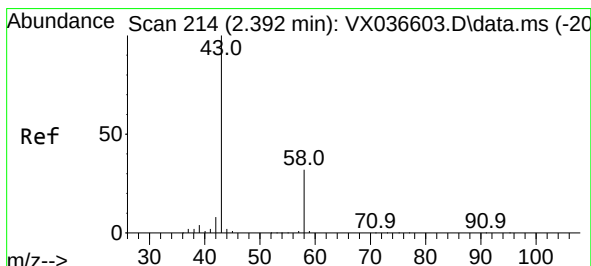
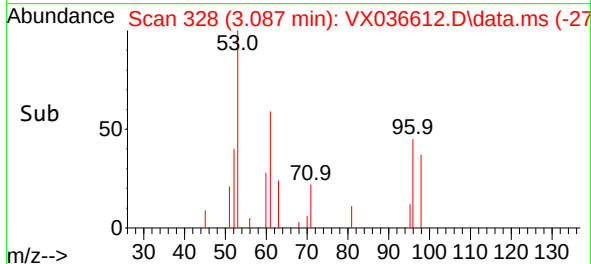
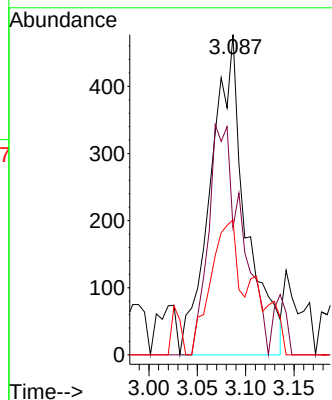
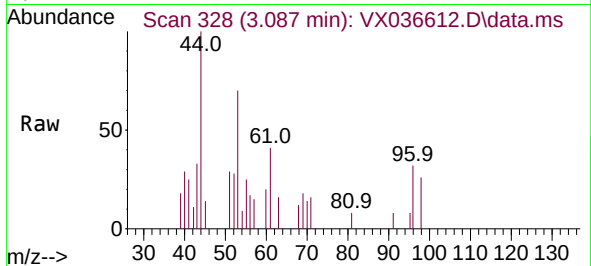




#15  
Acrylonitrile  
Concen: 1.175 ug/l  
RT: 3.087 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

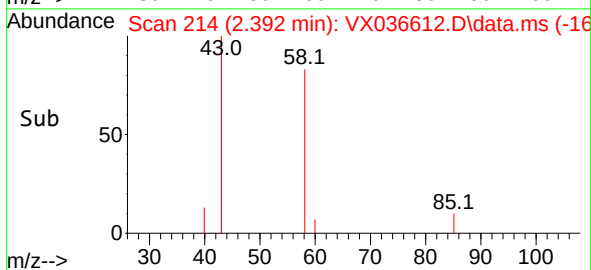
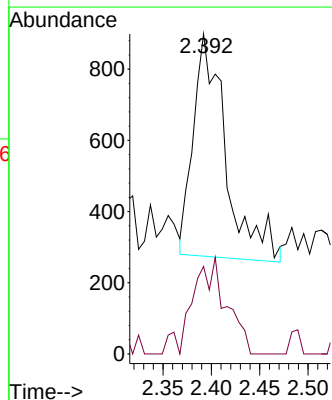
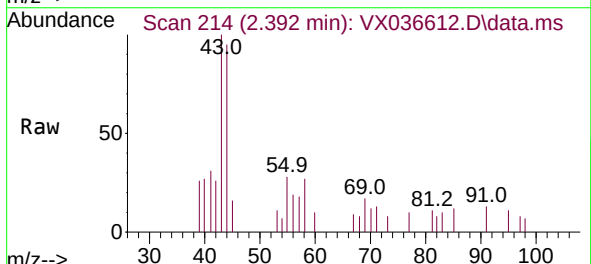
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

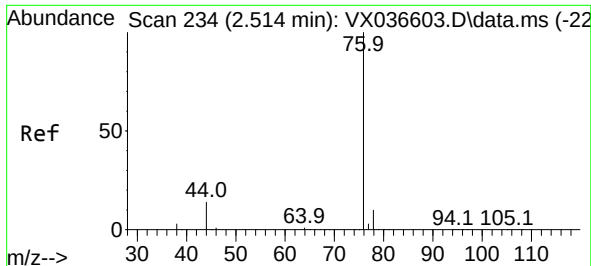
|             |             |
|-------------|-------------|
| Tgt Ion: 53 | Resp: 1201  |
| Ion Ratio   | Lower Upper |
| 53 100      |             |
| 52 68.4     | 66.0 99.0   |
| 51 34.3     | 29.8 44.6   |



#16  
Acetone  
Concen: 1.636 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

|             |            |       |  |
|-------------|------------|-------|--|
| Tgt Ion: 43 | Resp: 1457 |       |  |
| Ion Ratio   | Lower      | Upper |  |
| 43 100      |            |       |  |
| 58 41.2     | 21.9       | 32.9# |  |

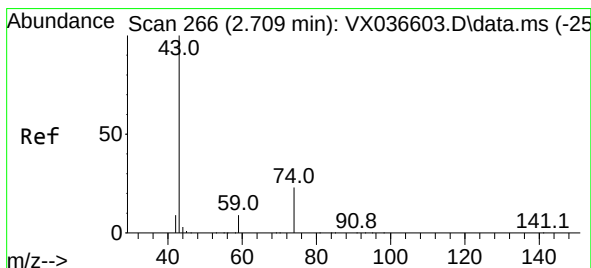
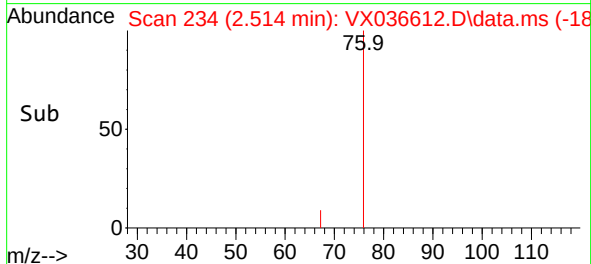
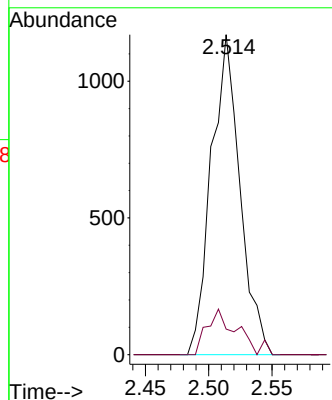
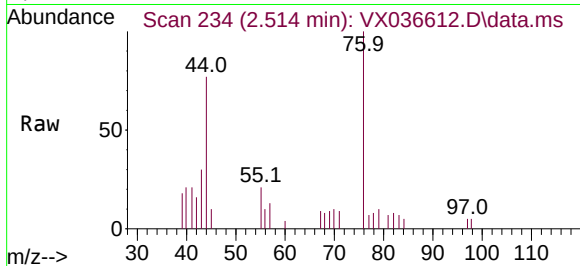




#17  
Carbon Disulfide  
Concen: 0.412 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

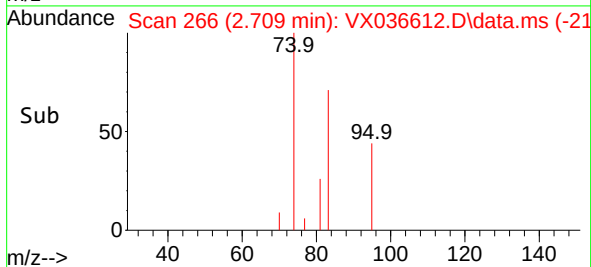
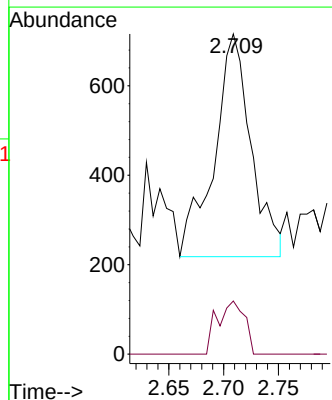
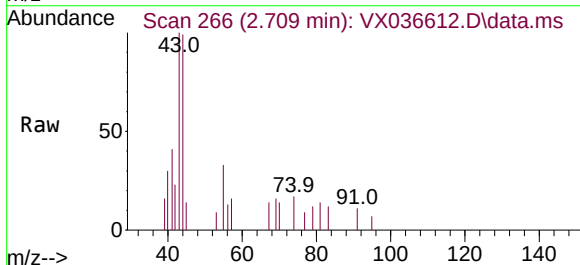
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

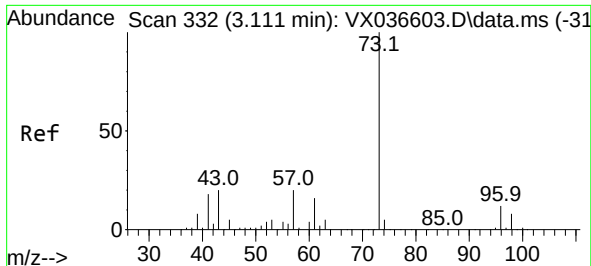
Tgt Ion: 76 Resp: 1845  
Ion Ratio Lower Upper  
76 100  
78 8.0 7.0 10.6



#18  
Methyl Acetate  
Concen: 0.311 ug/l  
RT: 2.709 min Scan# 266  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 43 Resp: 1164  
Ion Ratio Lower Upper  
43 100  
74 17.6 17.8 26.8#

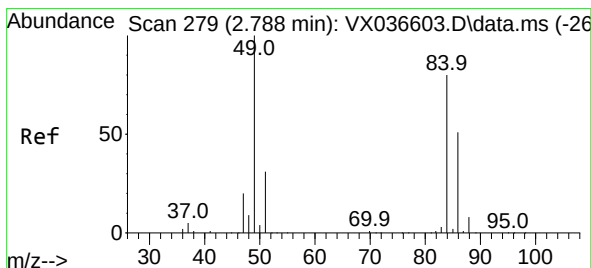
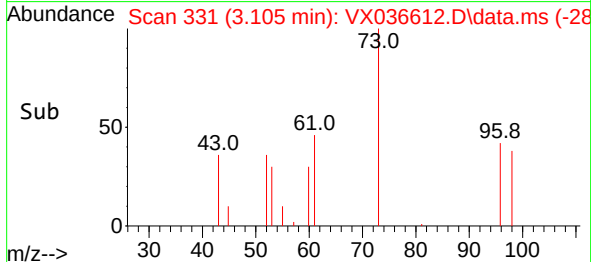
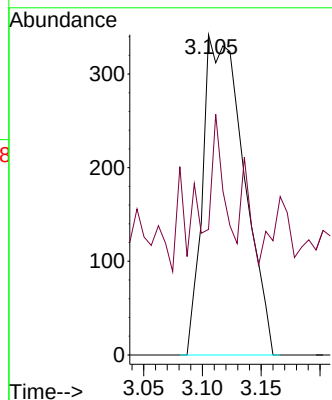
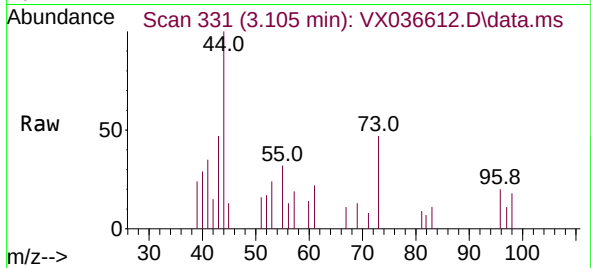




#19  
Methyl tert-butyl Ether  
Concen: 0.135 ug/l  
RT: 3.105 min Scan# 311  
Delta R.T. -0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

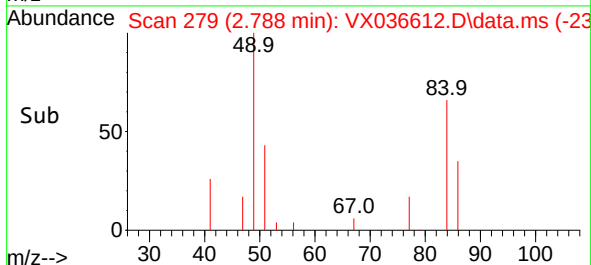
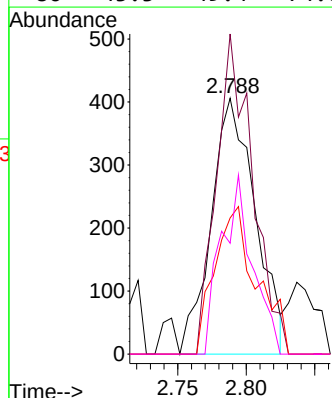
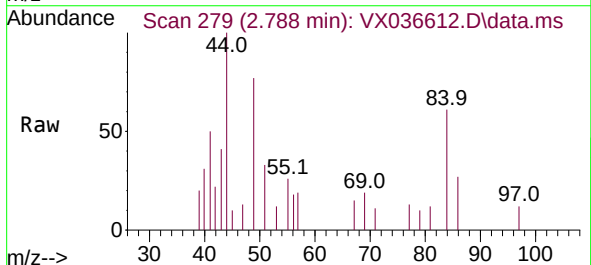
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

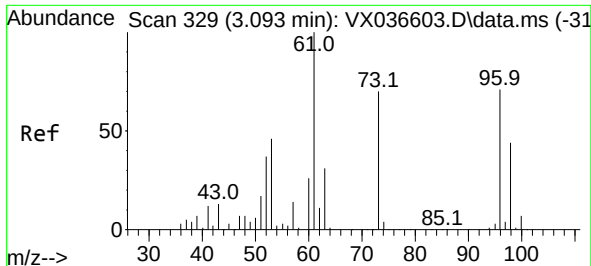
Tgt Ion: 73 Resp: 826  
Ion Ratio Lower Upper  
73 100  
57 0.0 17.3 25.9#



#20  
Methylene Chloride  
Concen: 0.460 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 84 Resp: 911  
Ion Ratio Lower Upper  
84 100  
49 125.1 103.6 155.4  
51 53.2 33.8 50.6#  
86 43.3 49.4 74.0#

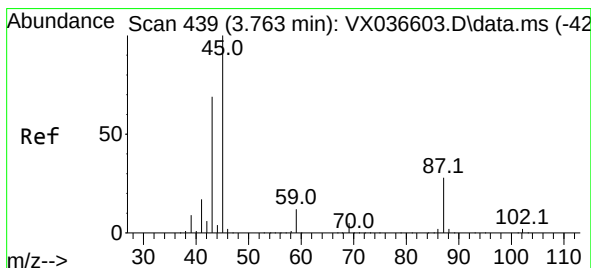
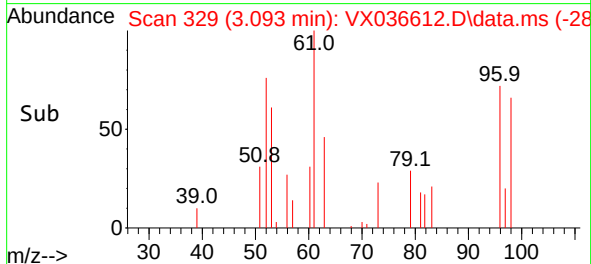
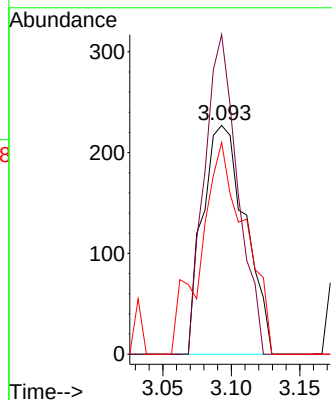
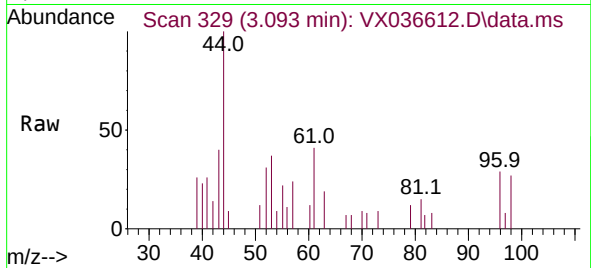




#21  
trans-1,2-Dichloroethene  
Concen: 0.271 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

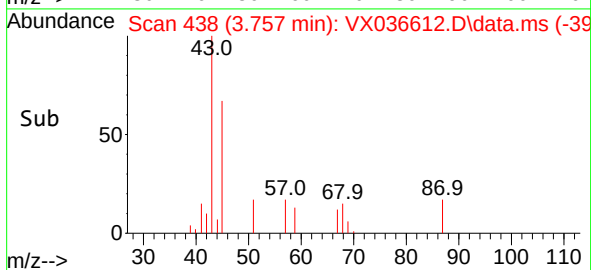
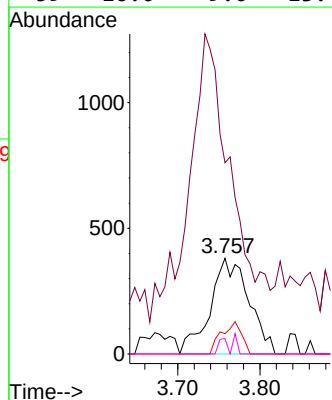
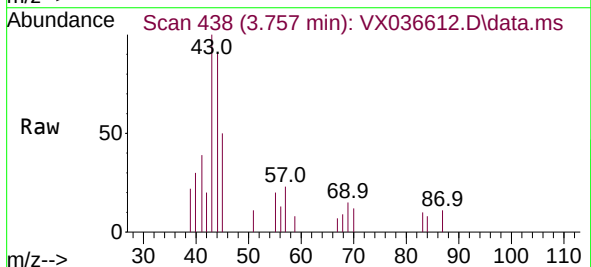
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

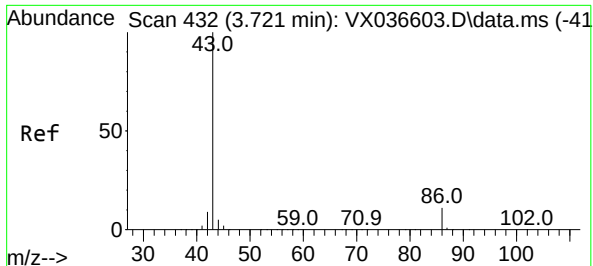
Tgt Ion: 96 Resp: 492  
Ion Ratio Lower Upper  
96 100  
61 139.6 119.2 178.8  
98 92.5 48.7 73.1#



#22  
Diisopropyl ether  
Concen: 0.206 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. -0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 45 Resp: 1249  
Ion Ratio Lower Upper  
45 100  
43 104.2 69.7 104.5  
87 21.3 20.8 31.2  
59 16.0 9.0 13.4#

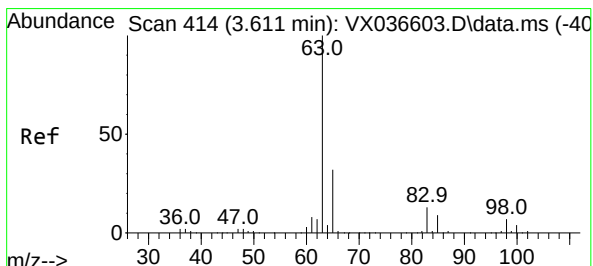
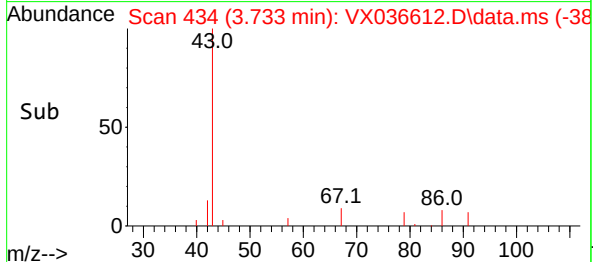
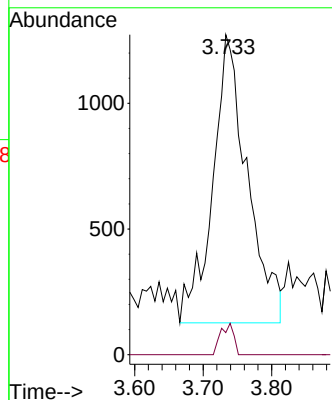
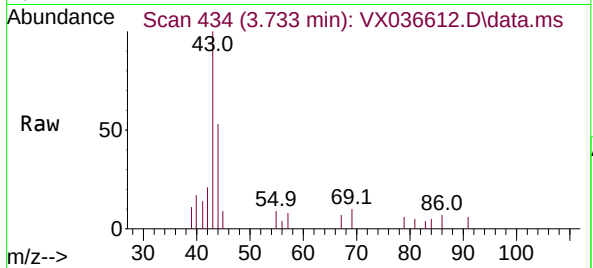




#23  
 Vinyl Acetate  
 Concen: 0.867 ug/l  
 RT: 3.733 min Scan# 41  
 Delta R.T. 0.012 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

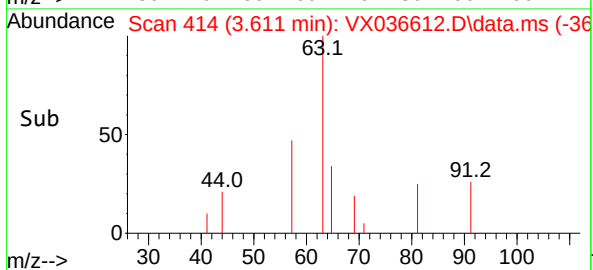
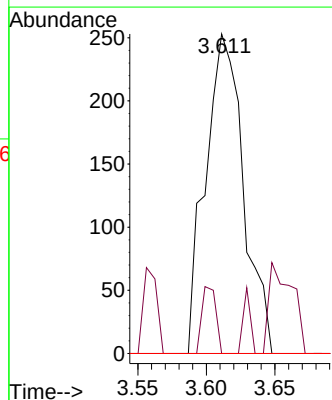
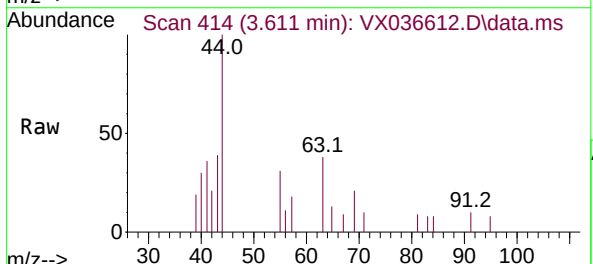
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 4038  
 Ion Ratio Lower Upper  
 43 100  
 86 7.7 7.8 11.8#

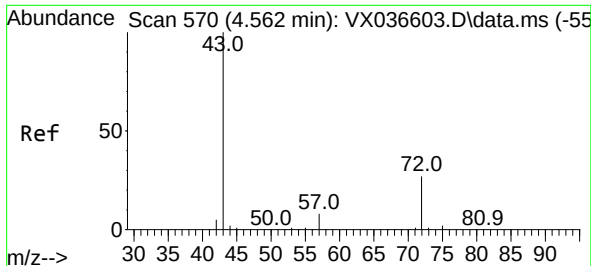


#24  
 1,1-Dichloroethane  
 Concen: 0.143 ug/l  
 RT: 3.611 min Scan# 414  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

Tgt Ion: 63 Resp: 487  
 Ion Ratio Lower Upper  
 63 100  
 98 0.0 3.3 9.8#  
 100 0.0 2.1 6.5#



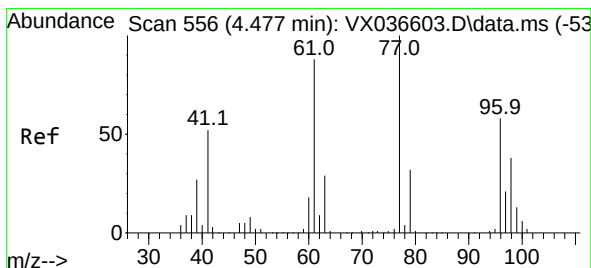
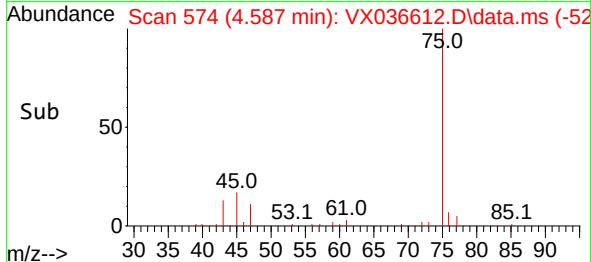
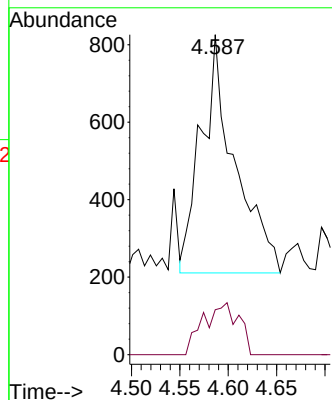
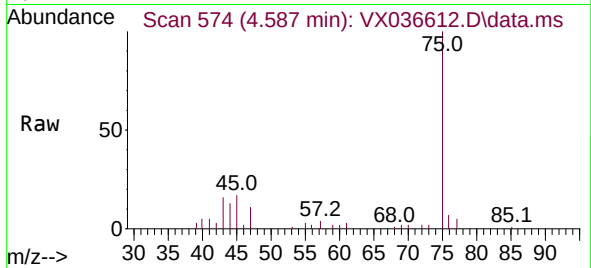




#25  
2-Butanone  
Concen: 1.026 ug/l  
RT: 4.587 min Scan# 51  
Delta R.T. 0.024 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

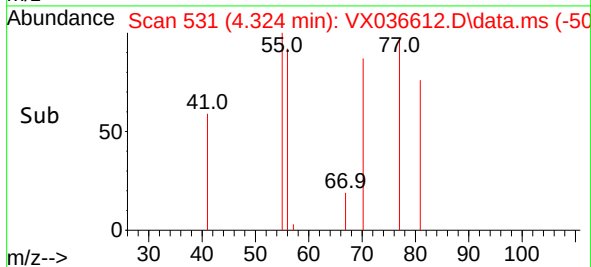
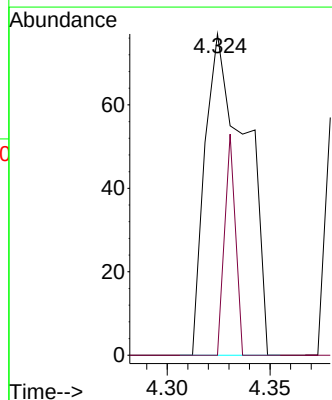
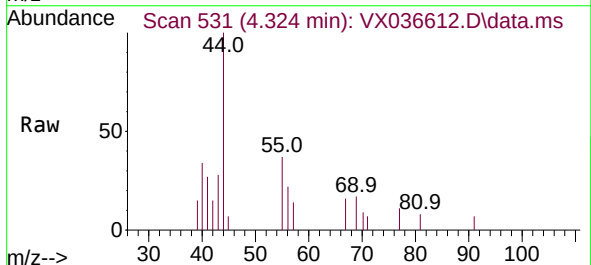
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

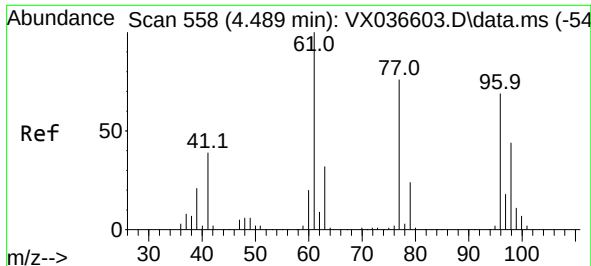
Tgt Ion: 43 Resp: 1483  
Ion Ratio Lower Upper  
43 100  
72 18.9 19.4 29.2#



#26  
2,2-Dichloropropane  
Concen: 0.033 ug/l  
RT: 4.324 min Scan# 531  
Delta R.T. -0.152 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 77 Resp: 106  
Ion Ratio Lower Upper  
77 100  
97 17.9 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 0.222 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

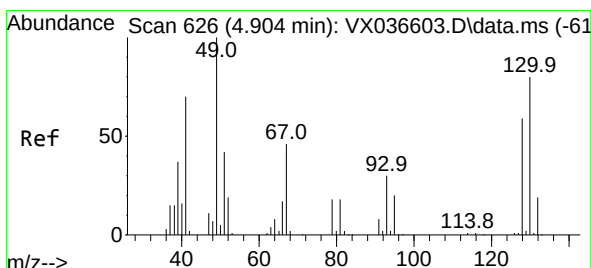
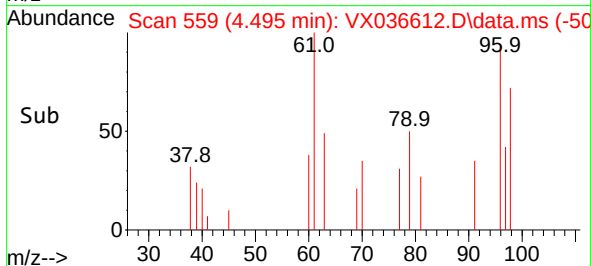
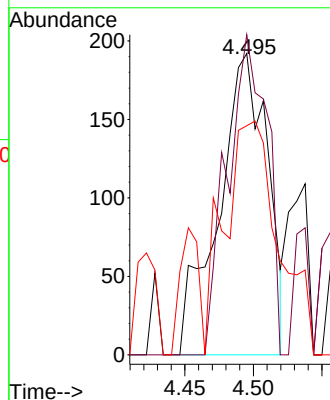
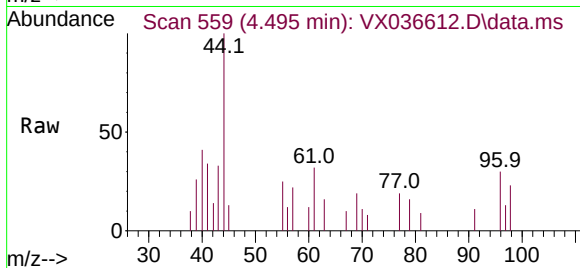
Tgt Ion: 96 Resp: 479

Ion Ratio Lower Upper

96 100

61 86.2 0.0 312.2

98 85.8 0.0 129.0



#28

Bromochloromethane

Concen: 0.110 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.012 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

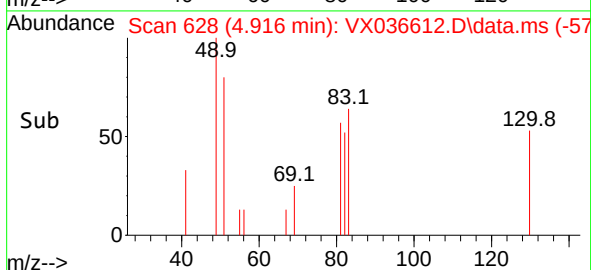
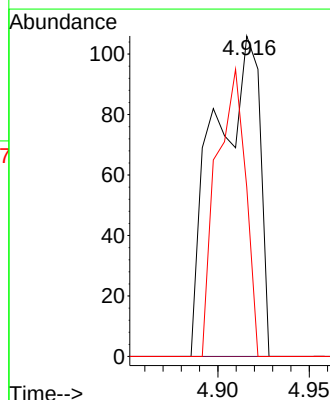
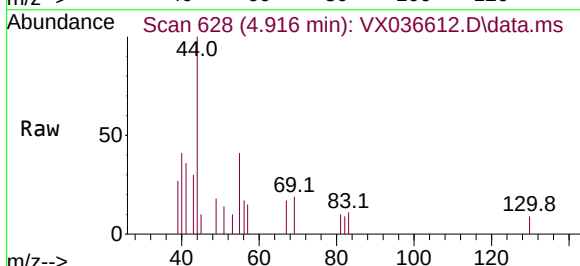
Tgt Ion: 49 Resp: 181

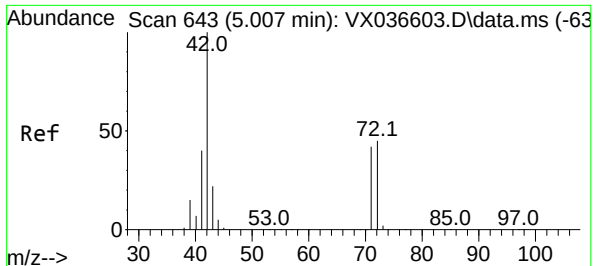
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

130 58.0 57.5 86.3





#29

Tetrahydrofuran

Concen: 1.109 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

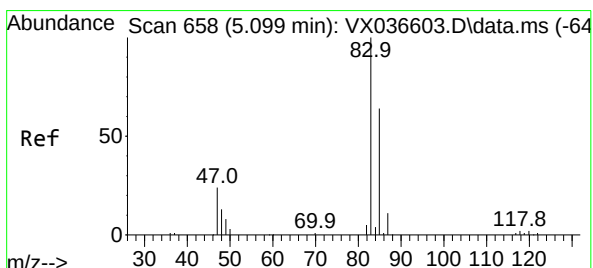
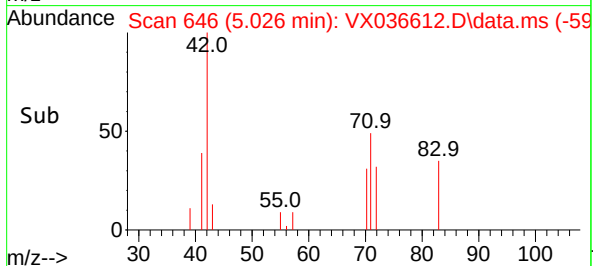
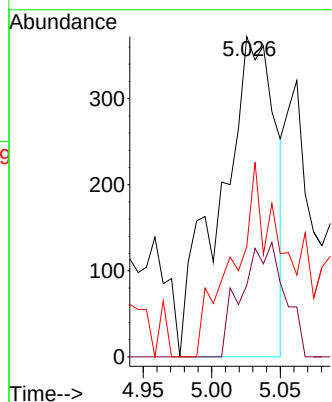
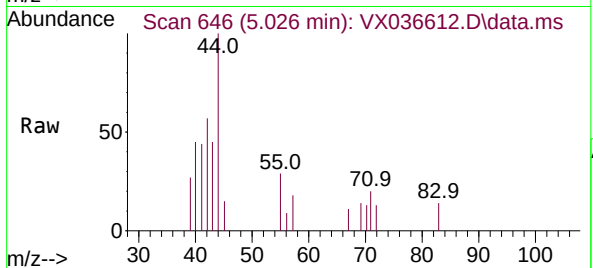
Tgt Ion: 42 Resp: 1033

Ion Ratio Lower Upper

42 100

72 28.1 34.2 51.4#

71 62.0 32.2 48.2#



#30

Chloroform

Concen: 0.233 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX036612.D

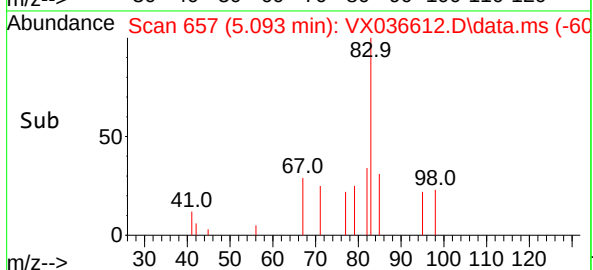
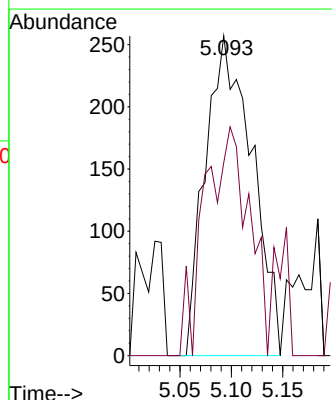
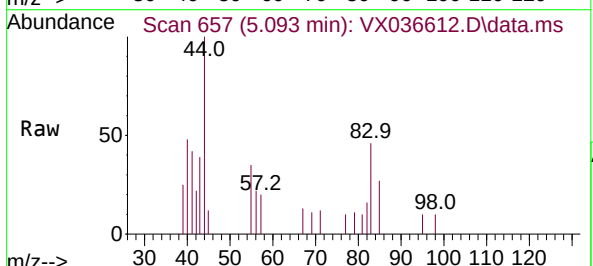
Acq: 21 Jul 2023 16:25

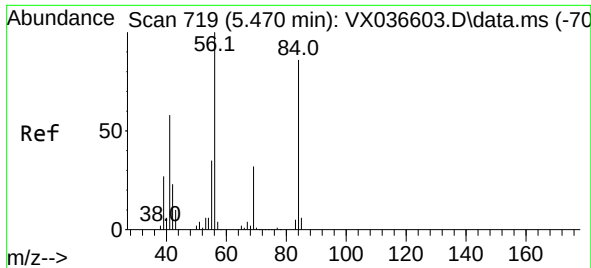
Tgt Ion: 83 Resp: 812

Ion Ratio Lower Upper

83 100

85 60.3 50.3 75.5

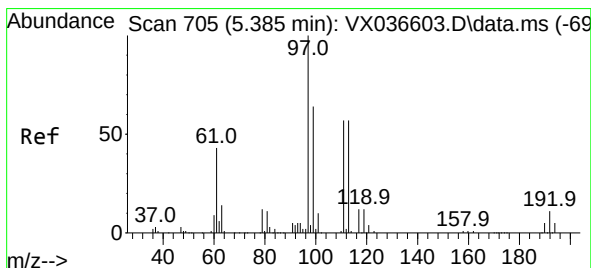
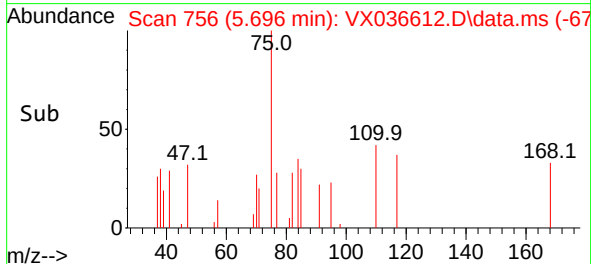
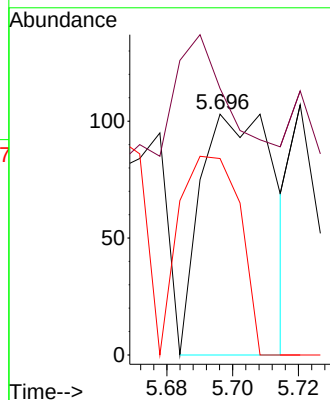
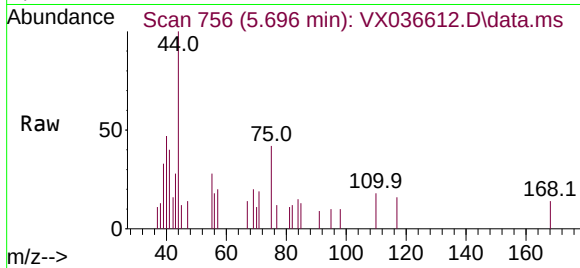




#31  
Cyclohexane  
Concen: 0.055 ug/l  
RT: 5.696 min Scan# 719  
Delta R.T. 0.226 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

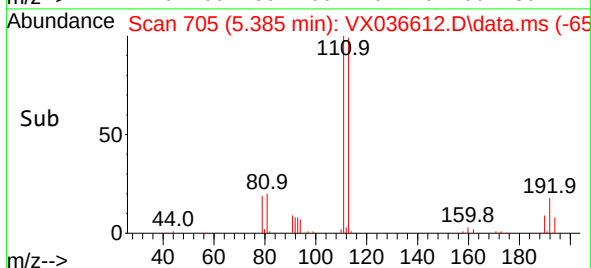
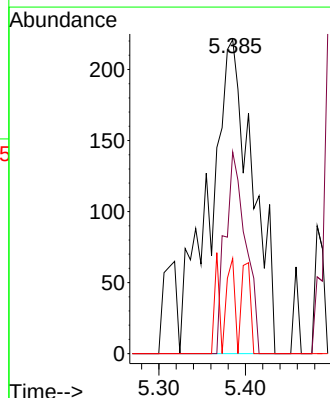
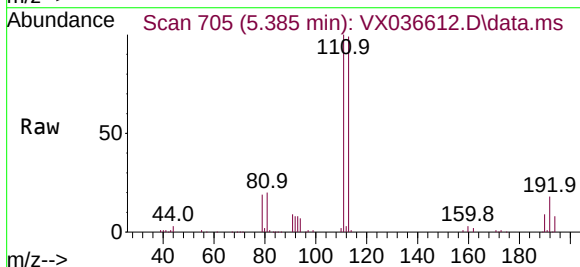
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

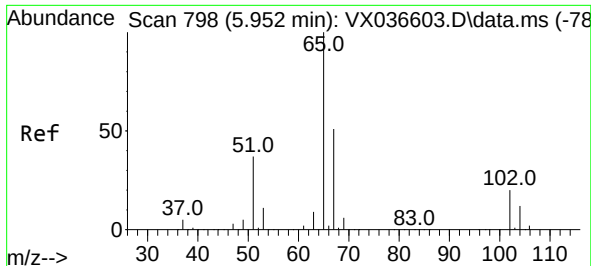
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 56 | Resp: | 162         |
| Ion         | Ratio | Lower Upper |
| 56          | 100   |             |
| 69          | 24.3  | 23.4 35.2   |
| 84          | 81.6  | 65.9 98.9   |



#32  
1,1,1-Trichloroethane  
Concen: 0.239 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 97 | Resp: | 763         |
| Ion         | Ratio | Lower Upper |
| 97          | 100   |             |
| 99          | 0.0   | 51.1 76.7#  |
| 61          | 0.0   | 36.4 54.6#  |

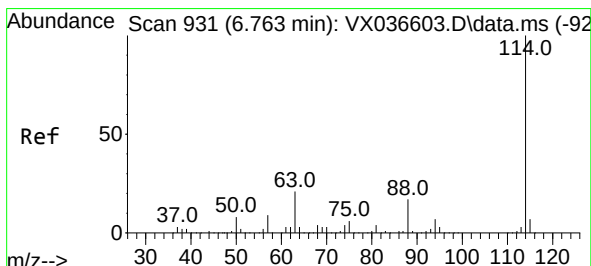
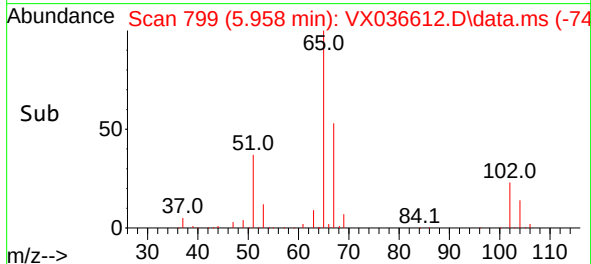
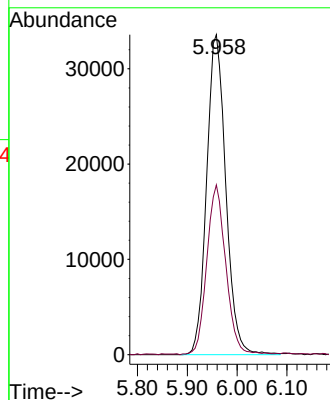
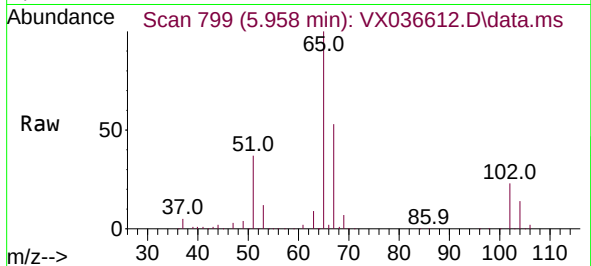




#33  
 1,2-Dichloroethane-d4  
 Concen: 41.739 ug/l  
 RT: 5.958 min Scan# 798  
 Delta R.T. 0.006 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

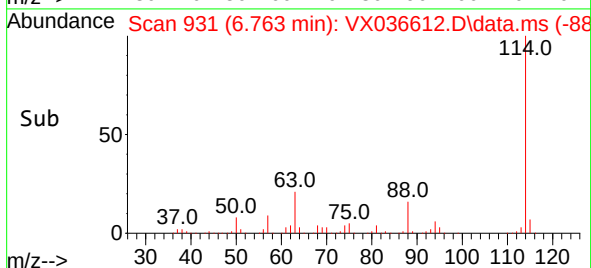
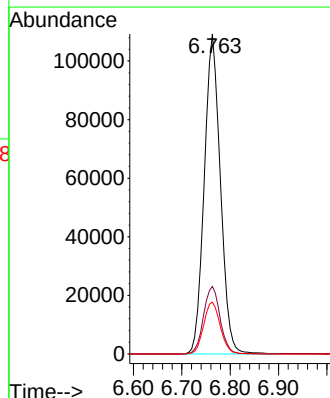
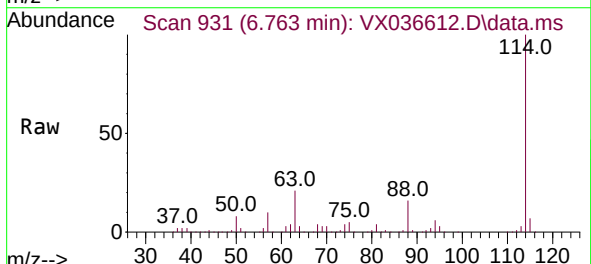
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

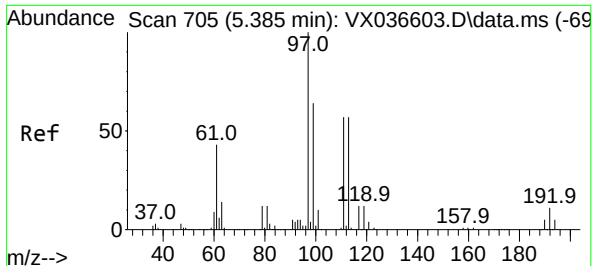
Tgt Ion: 65 Resp: 89595  
 Ion Ratio Lower Upper  
 65 100  
 67 52.9 0.0 100.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 931  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

Tgt Ion: 114 Resp: 253488  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 45.0  
 88 16.2 0.0 36.6

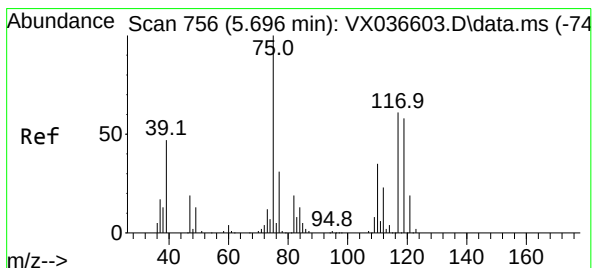
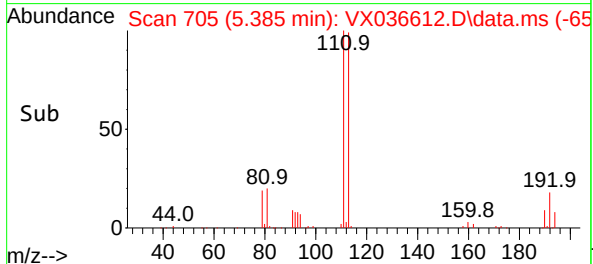
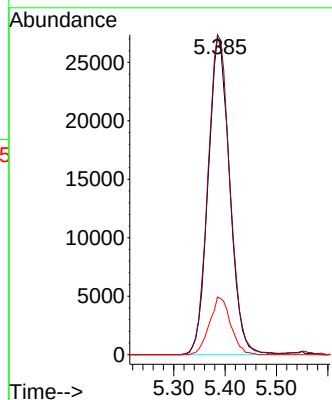
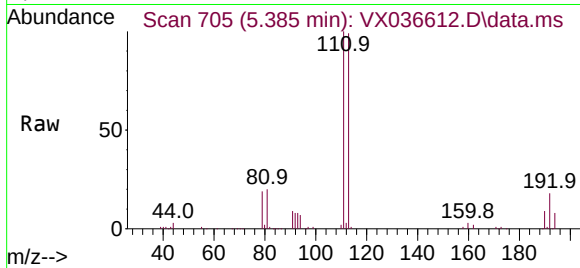




#35  
Dibromofluoromethane  
Concen: 45.340 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

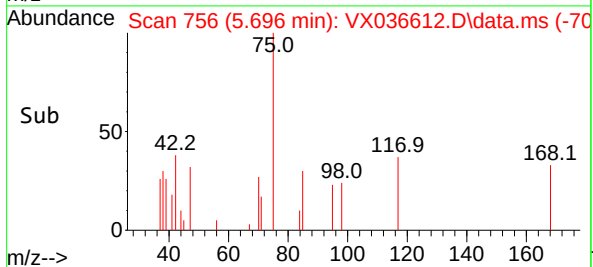
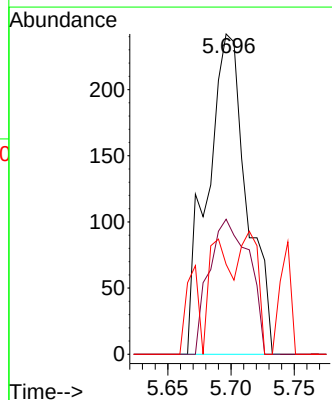
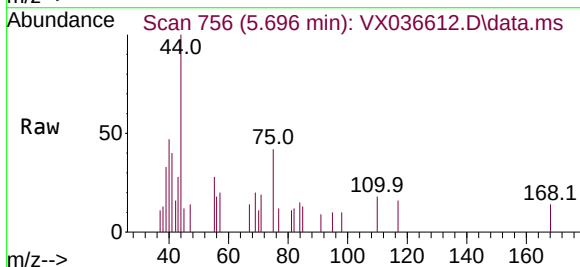
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

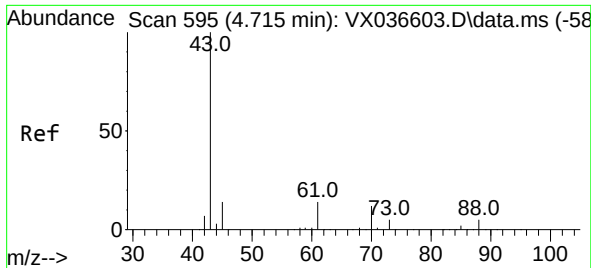
Tgt Ion:113 Resp: 78997  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.9 124.3  
192 17.8 13.3 19.9



#36  
1,1-Dichloropropene  
Concen: 0.202 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 75 Resp: 524  
Ion Ratio Lower Upper  
75 100  
110 42.9 17.0 50.9  
77 20.4 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.052 ug/l

RT: 4.721 min Scan# 595

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

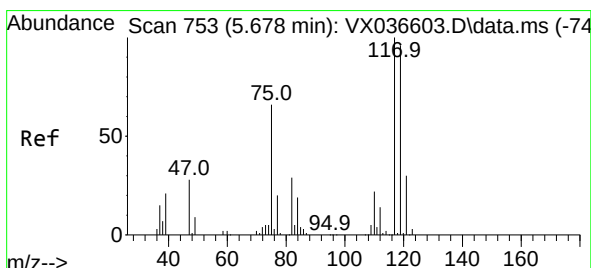
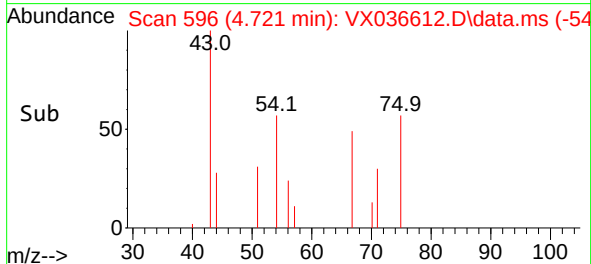
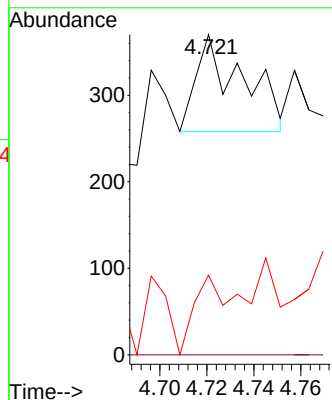
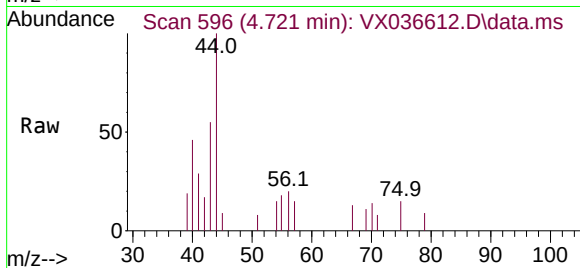
Tgt Ion: 43 Resp: 153

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 49.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.874 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

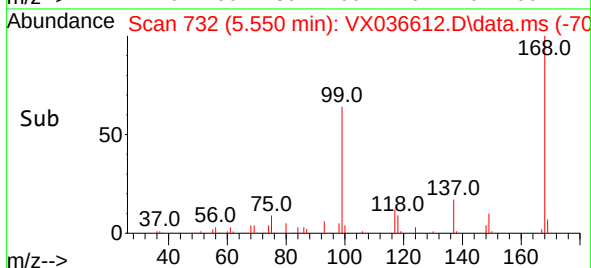
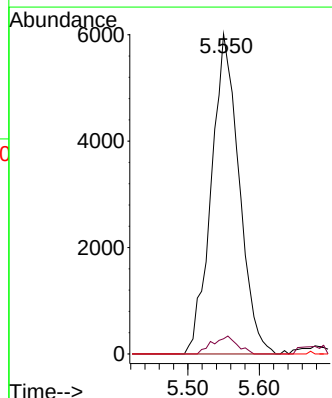
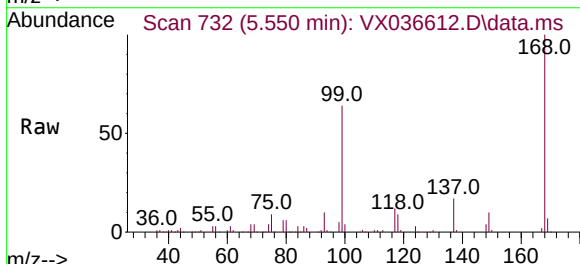
Tgt Ion: 117 Resp: 16217

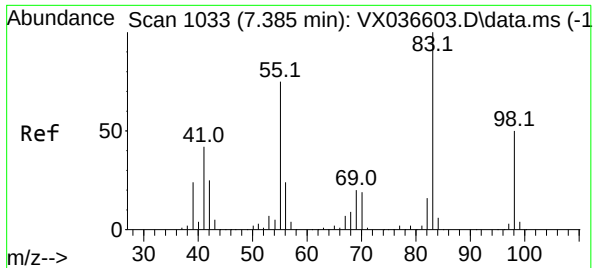
Ion Ratio Lower Upper

117 100

119 4.8 78.2 117.2#

121 0.0 24.4 36.6#

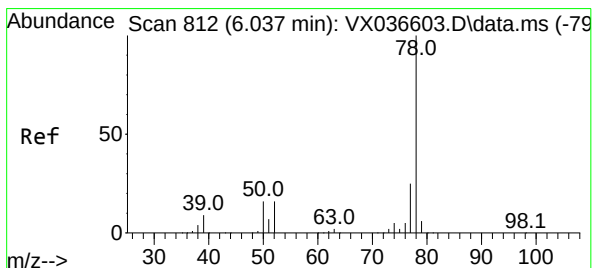
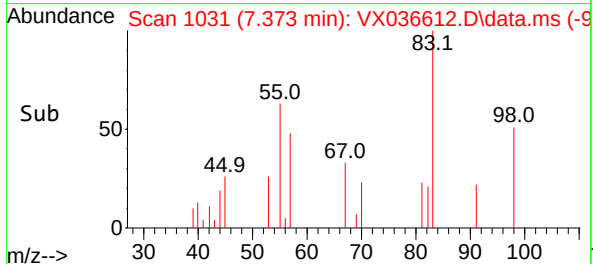
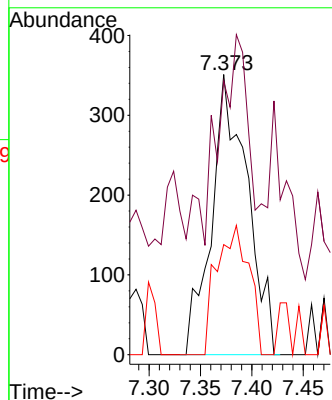
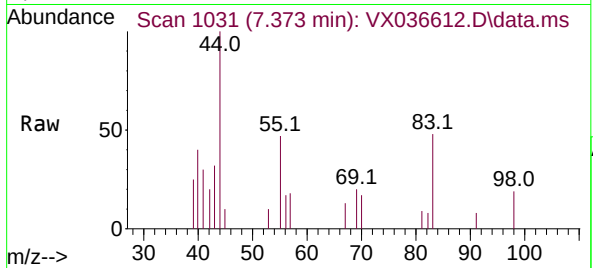




#39  
Methylcyclohexane  
Concen: 0.263 ug/l  
RT: 7.373 min Scan# 1031  
Delta R.T. -0.012 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

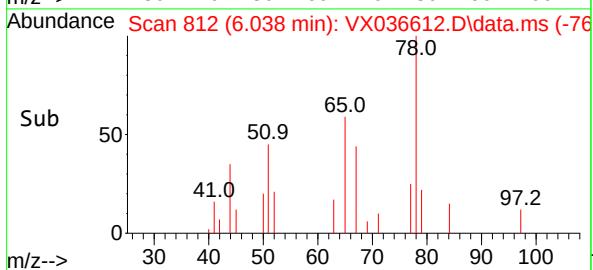
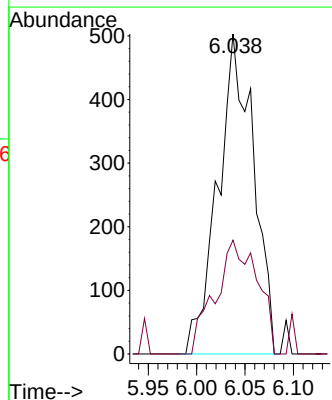
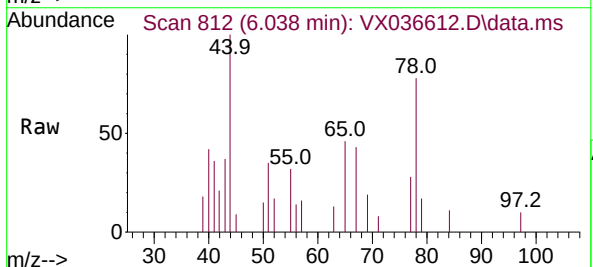
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 83 Resp: 850  
Ion Ratio Lower Upper  
83 100  
55 46.4 64.6 97.0#  
98 39.3 36.7 55.1

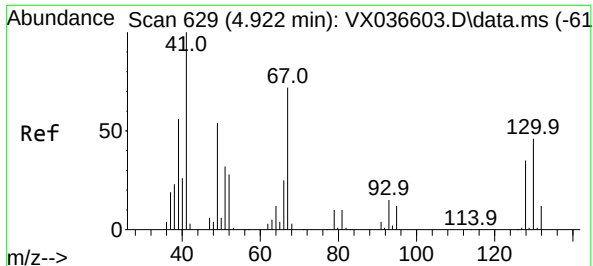


#40  
Benzene  
Concen: 0.170 ug/l  
RT: 6.038 min Scan# 812  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 78 Resp: 1282  
Ion Ratio Lower Upper  
78 100  
77 35.6 19.3 28.9#



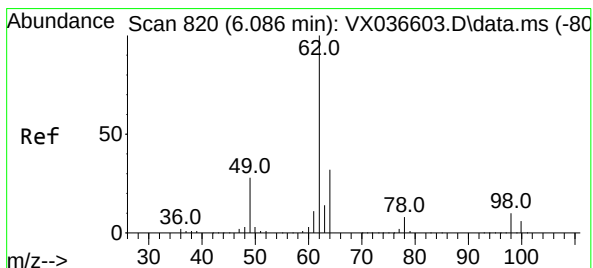
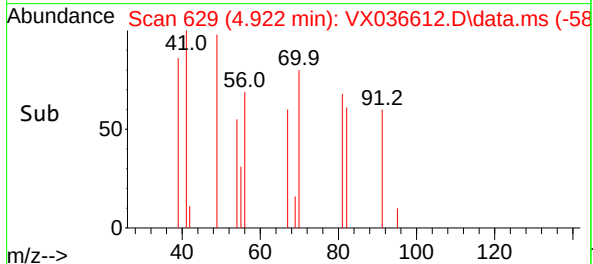
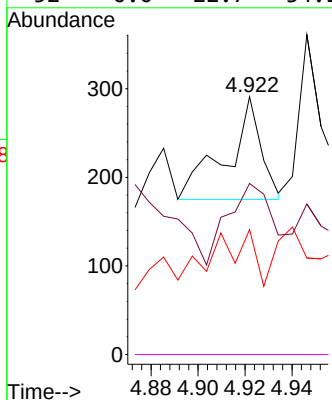
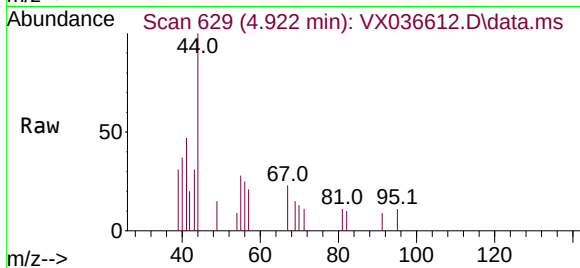




#41  
Methacrylonitrile  
Concen: 0.075 ug/l  
RT: 4.922 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

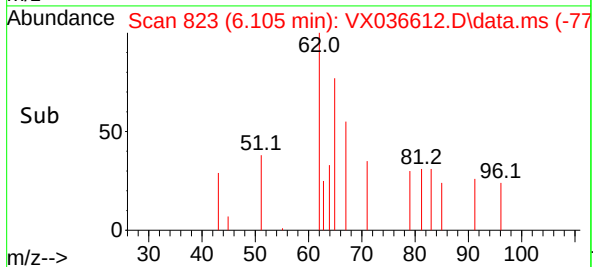
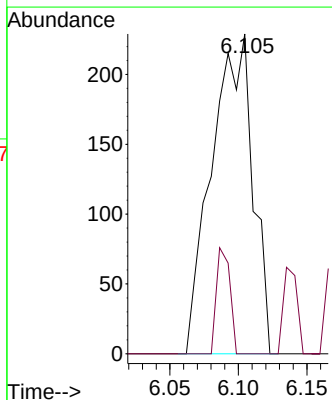
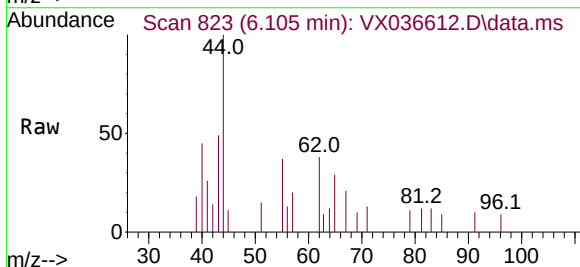
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

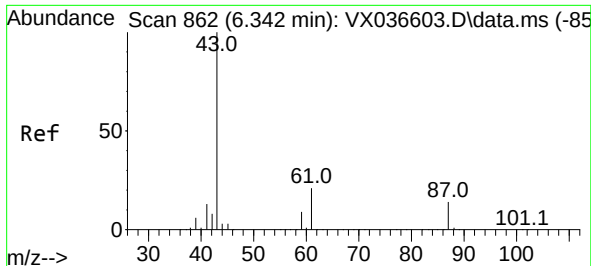
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 118   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 110.2 | 45.2  | 67.8# |
| 67       | 105.1 | 52.6  | 78.8# |
| 52       | 0.0   | 22.7  | 34.1# |



#42  
1,2-Dichloroethane  
Concen: 0.172 ug/l  
RT: 6.105 min Scan# 823  
Delta R.T. 0.018 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 476   |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.9  | 0.0   | 16.0  |





#43

Isopropyl Acetate

Concen: 0.128 ug/l

RT: 6.348 min Scan# 863

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

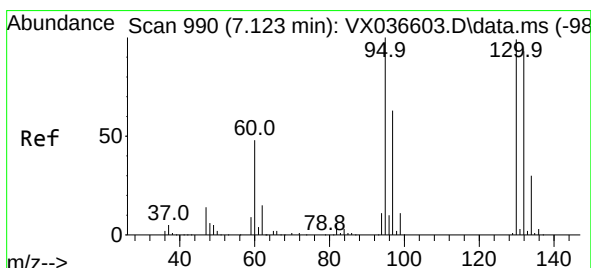
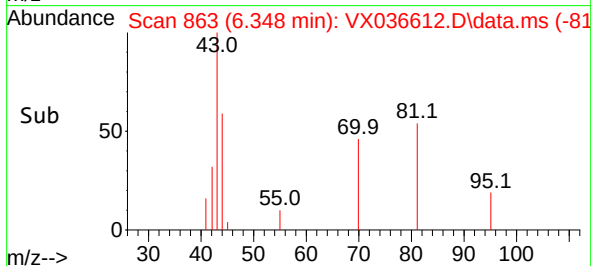
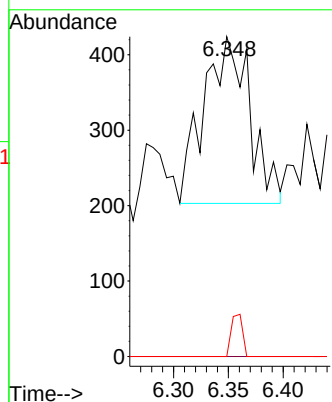
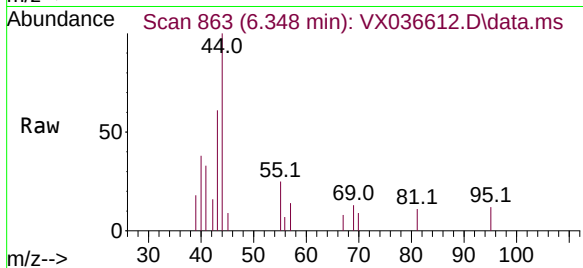
Tgt Ion: 43 Resp: 647

Ion Ratio Lower Upper

43 100

61 0.0 15.2 22.8#

87 6.2 9.8 14.6#



#44

Trichloroethene

Concen: 0.198 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX036612.D

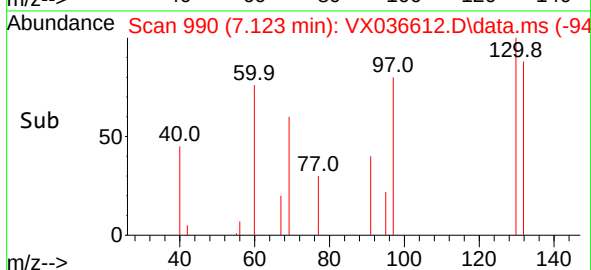
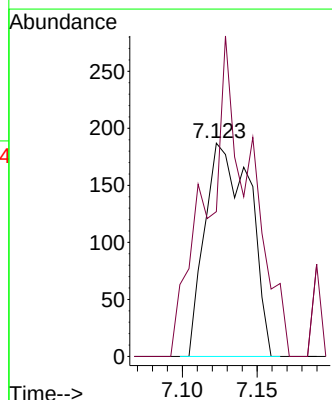
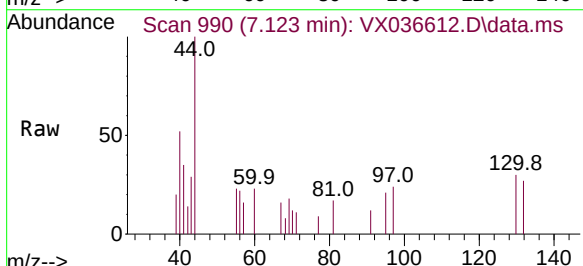
Acq: 21 Jul 2023 16:25

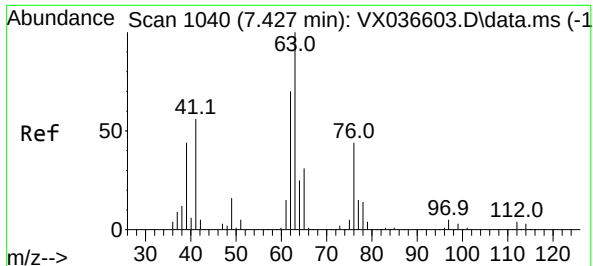
Tgt Ion:130 Resp: 392

Ion Ratio Lower Upper

130 100

95 34.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 0.135 ug/l

RT: 7.440 min Scan# 1042

Delta R.T. 0.012 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

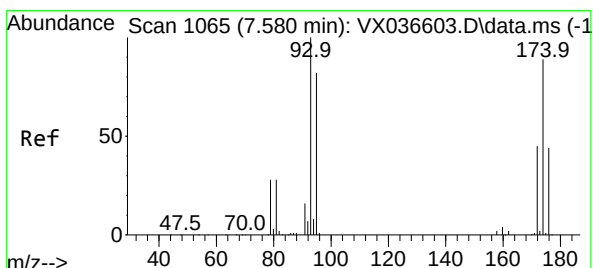
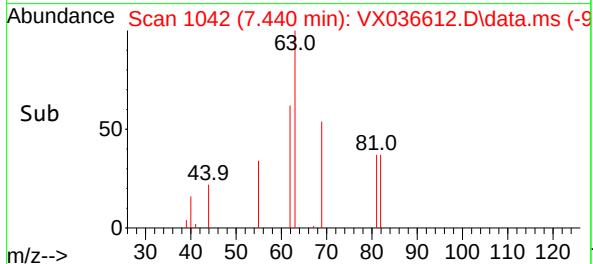
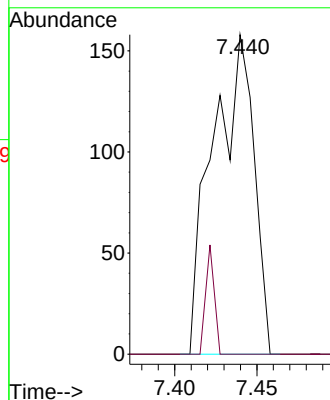
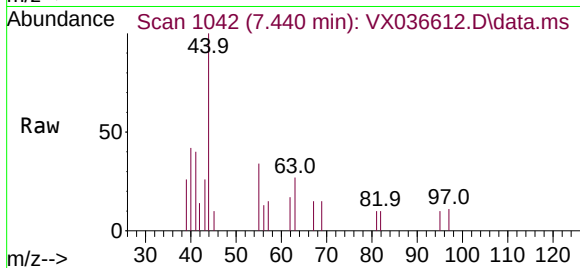
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 63 Resp: 273

Ion Ratio Lower Upper

63 100

65 0.0 24.3 36.5#



#46

Dibromomethane

Concen: 0.188 ug/l

RT: 7.592 min Scan# 1067

Delta R.T. 0.012 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

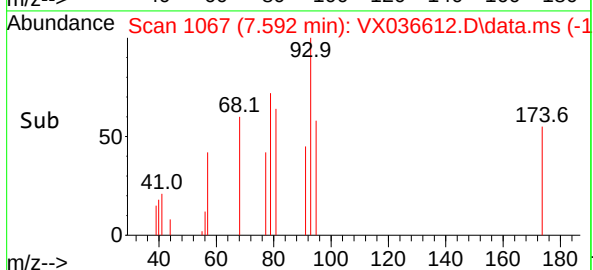
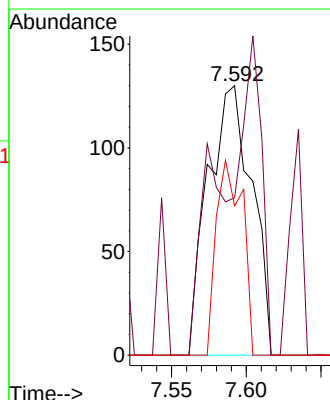
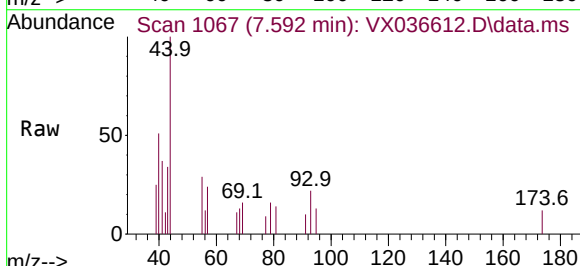
Tgt Ion: 93 Resp: 265

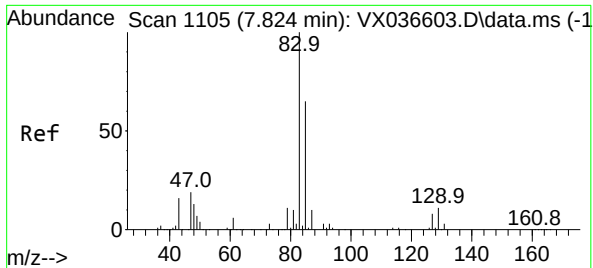
Ion Ratio Lower Upper

93 100

95 61.5 66.6 100.0#

174 43.4 69.4 104.0#

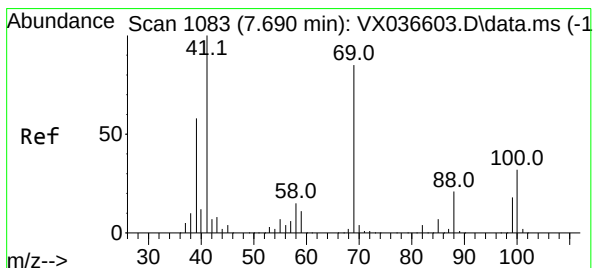
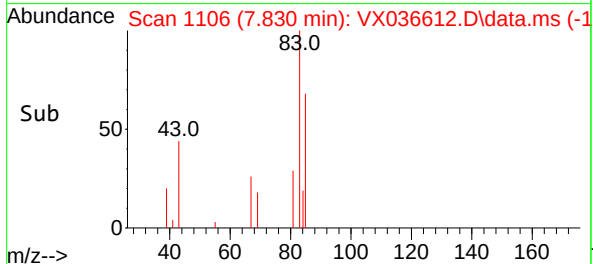
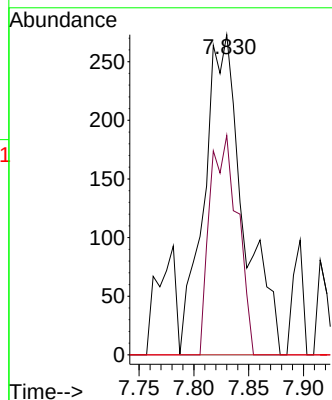
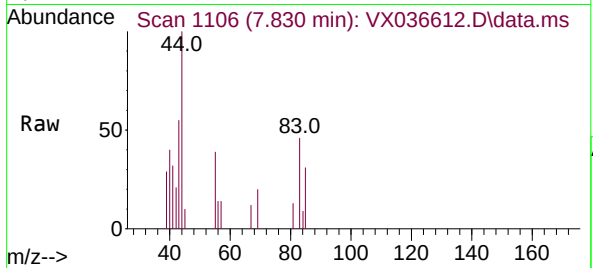




#47  
Bromodichloromethane  
Concen: 0.236 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

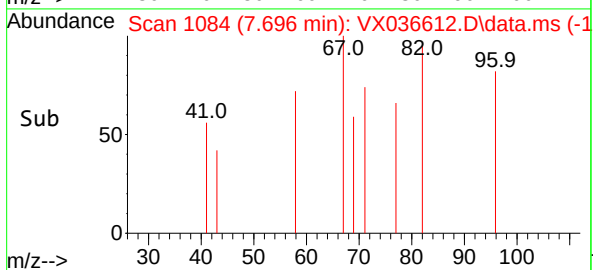
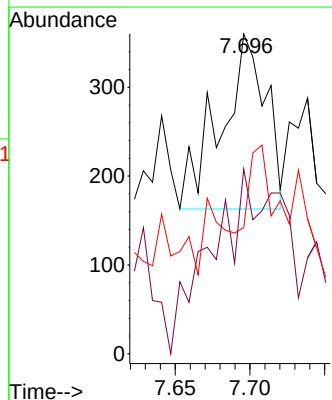
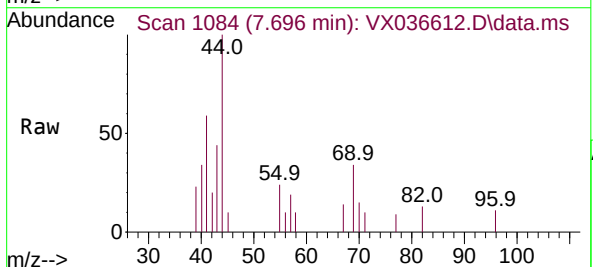
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT3-2023

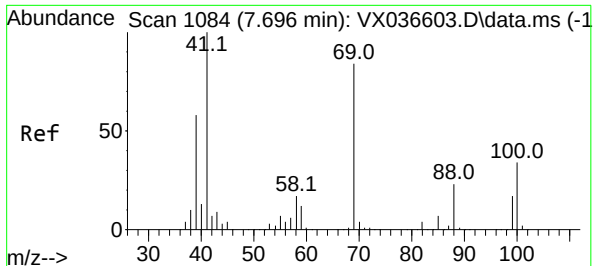
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 685   |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 68.5  | 49.8  | 74.6  |
| 127      | 0.0   | 7.1   | 10.7  |



#48  
Methyl methacrylate  
Concen: 0.176 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 414   |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 112.6 | 59.2  | 88.8  |
| 39       | 33.8  | 47.7  | 71.5  |





#49

1,4-Dioxane

Concen: 2.693 ug/l

RT: 7.732 min Scan# 1090

Delta R.T. 0.037 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

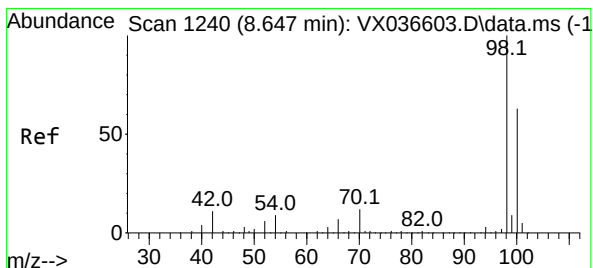
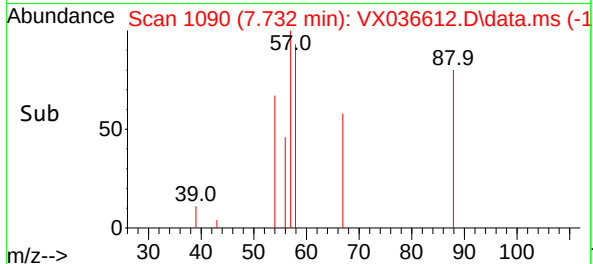
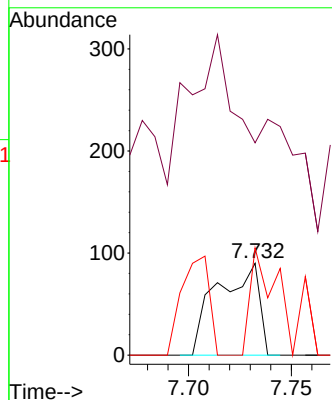
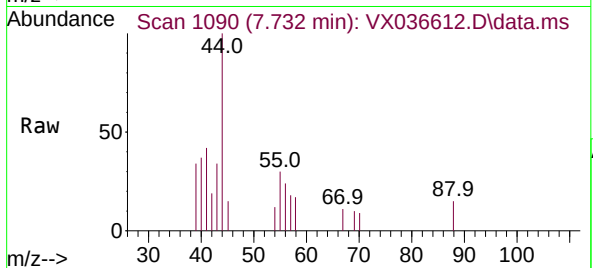
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 92.2 60.1 90.1#



#50

Toluene-d8

Concen: 46.954 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX036612.D

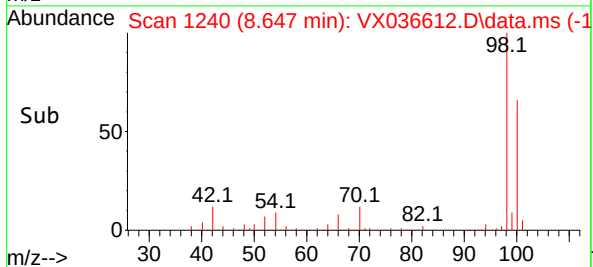
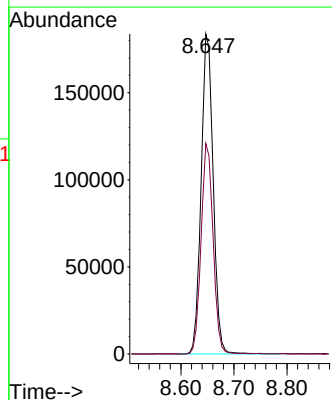
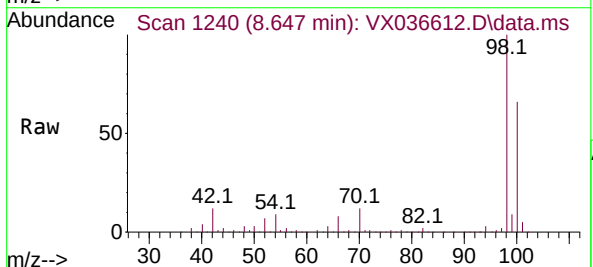
Acq: 21 Jul 2023 16:25

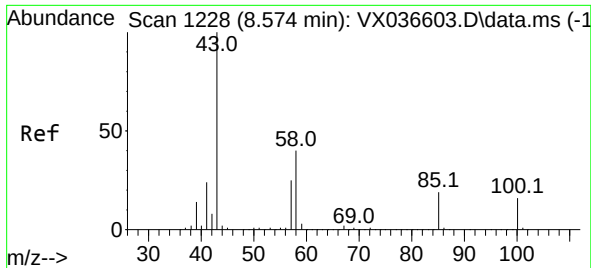
Tgt Ion: 98 Resp: 290116

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

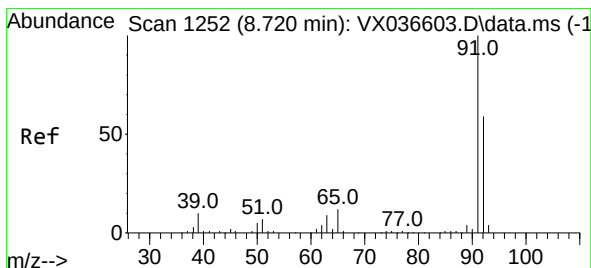
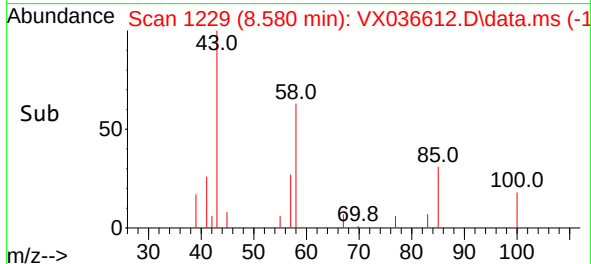
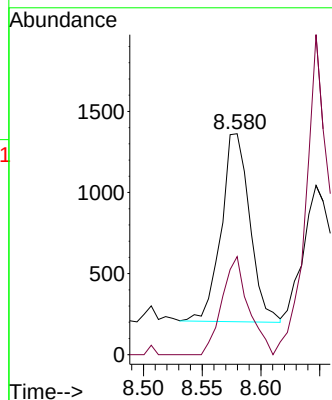
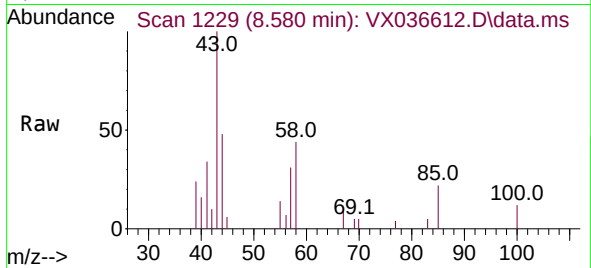




#51  
4-Methyl-2-Pentanone  
Concen: 0.701 ug/l  
RT: 8.580 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

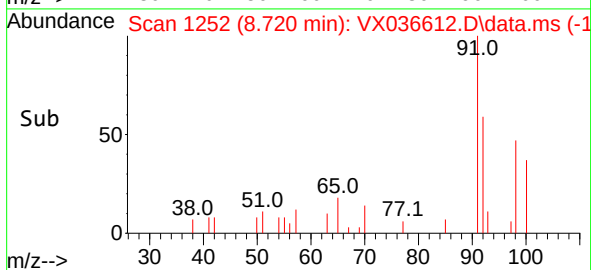
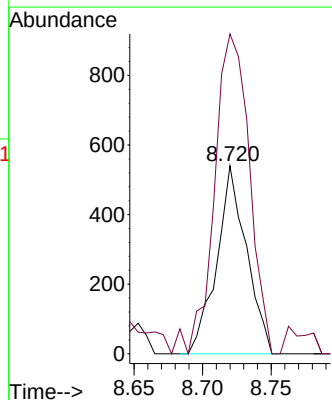
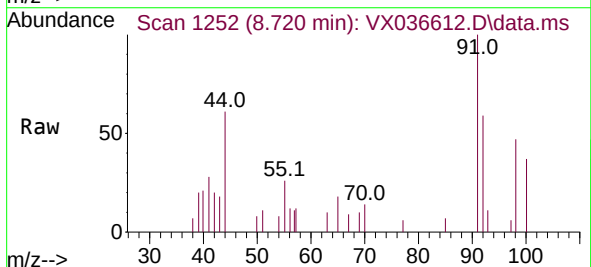
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

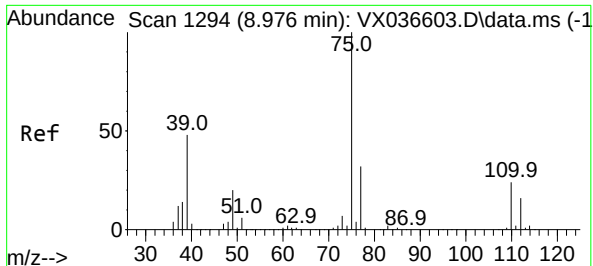
Tgt Ion: 43 Resp: 1962  
Ion Ratio Lower Upper  
43 100  
58 48.3 30.4 45.6#



#52  
Toluene  
Concen: 0.172 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 92 Resp: 816  
Ion Ratio Lower Upper  
92 100  
91 200.0 134.2 201.2

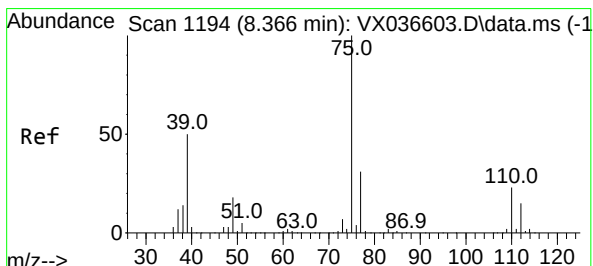
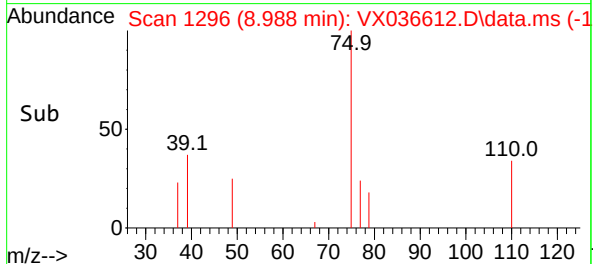
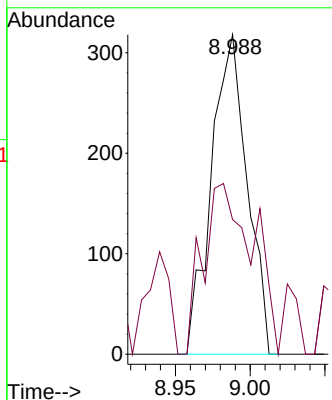
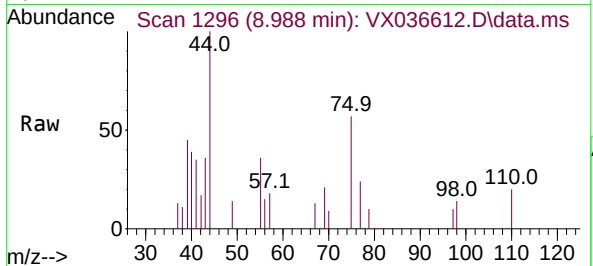




#53  
 t-1,3-Dichloropropene  
 Concen: 0.162 ug/l  
 RT: 8.988 min Scan# 1129  
 Delta R.T. 0.012 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

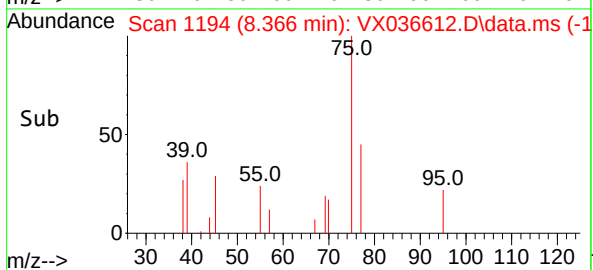
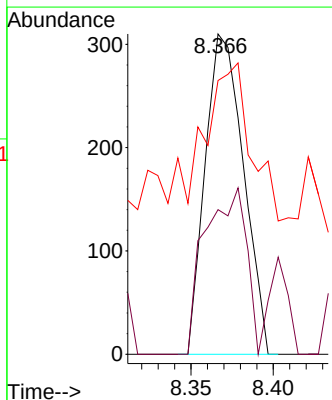
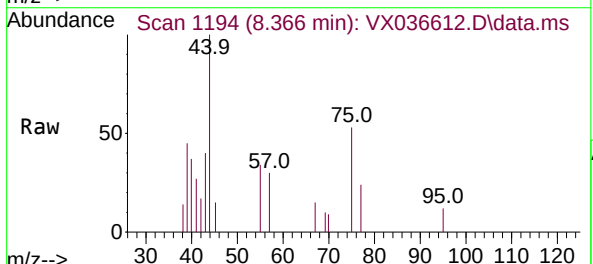
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

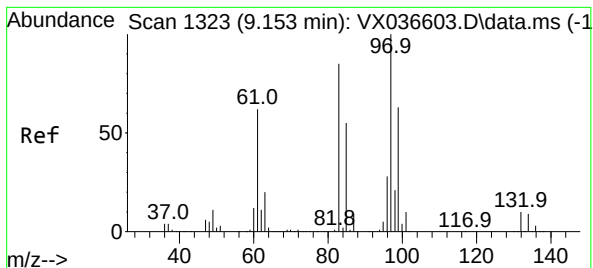
Tgt Ion: 75 Resp: 529  
 Ion Ratio Lower Upper  
 75 100  
 77 42.1 25.7 38.5#



#54  
 cis-1,3-Dichloropropene  
 Concen: 0.145 ug/l  
 RT: 8.366 min Scan# 1194  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

Tgt Ion: 75 Resp: 500  
 Ion Ratio Lower Upper  
 75 100  
 77 45.2 25.3 37.9#  
 39 43.9 46.7 70.1#





#55

1,1,2-Trichloroethane

Concen: 0.174 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036612.D

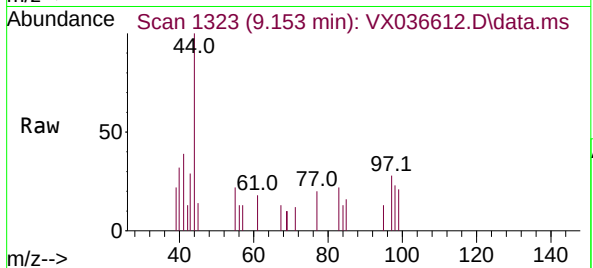
Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



Tgt Ion: 97 Resp: 347

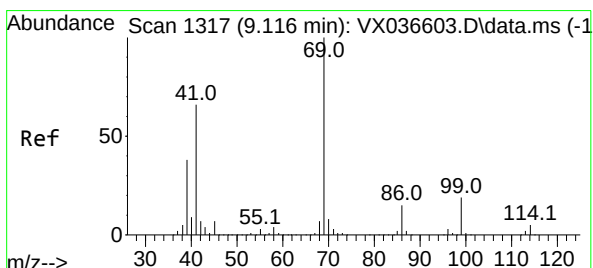
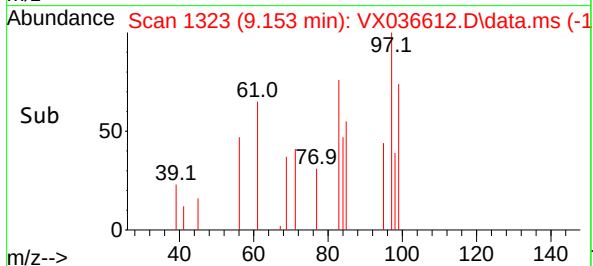
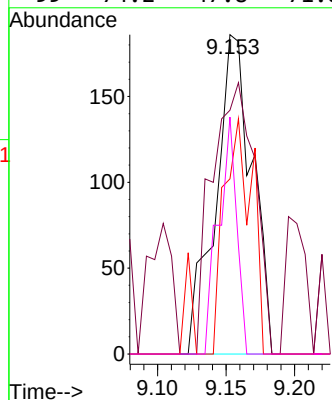
Ion Ratio Lower Upper

97 100

83 76.3 65.8 98.8

85 54.8 41.6 62.4

99 74.2 47.8 71.8#



#56

Ethyl methacrylate

Concen: 0.105 ug/l

RT: 9.135 min Scan# 1320

Delta R.T. 0.018 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

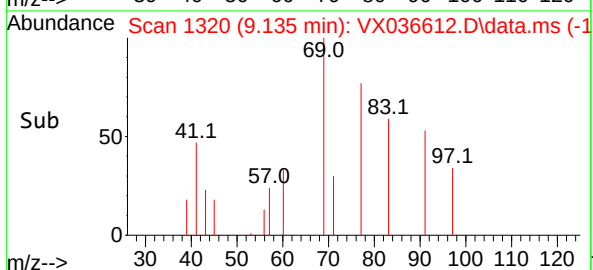
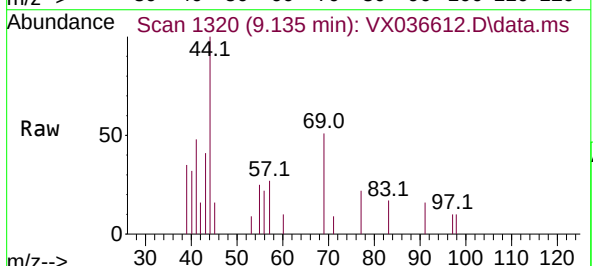
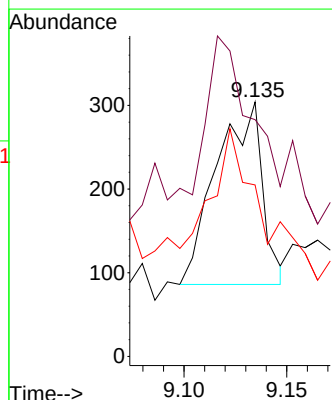
Tgt Ion: 69 Resp: 341

Ion Ratio Lower Upper

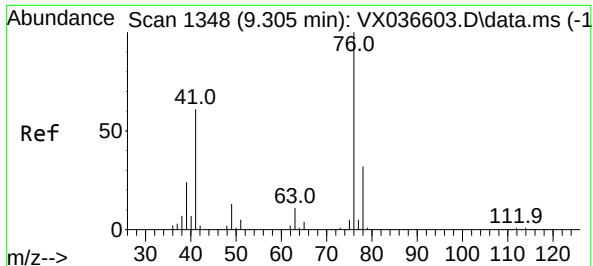
69 100

41 125.2 56.8 85.2#

39 101.8 32.0 48.0#







#57

1,3-Dichloropropane

Concen: 0.127 ug/l

RT: 9.305 min Scan# 1175

Delta R.T. 0.000 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

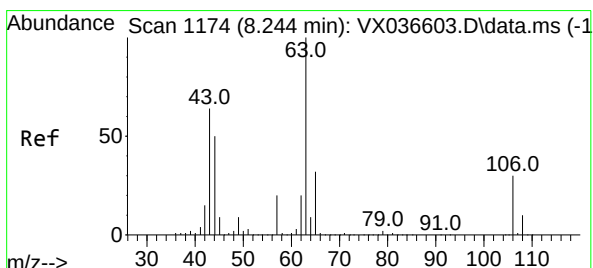
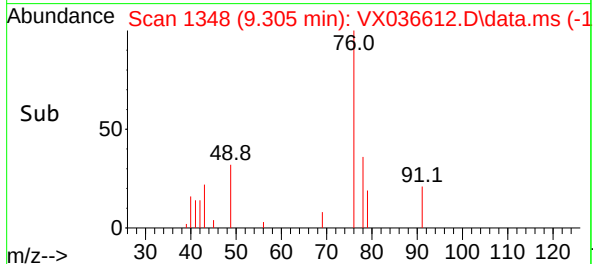
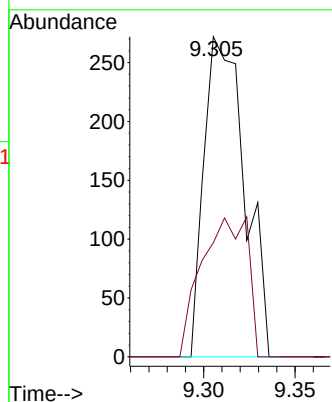
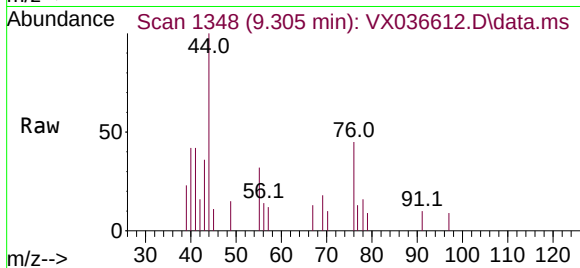
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 76 Resp: 421

Ion Ratio Lower Upper

76 100

78 49.9 26.1 39.1#



#58

2-Chloroethyl Vinyl ether

Concen: 0.743 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX036612.D

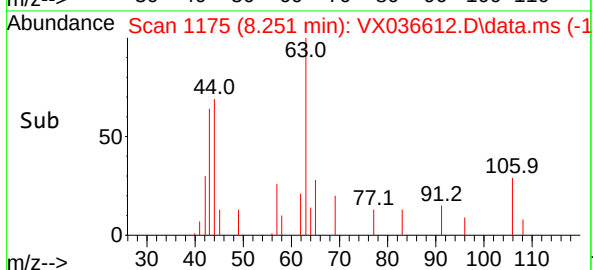
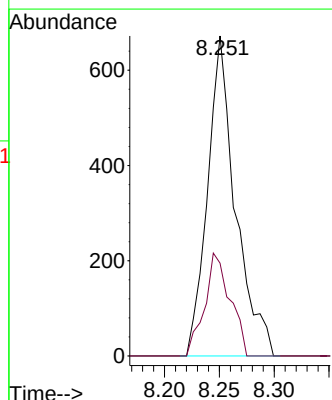
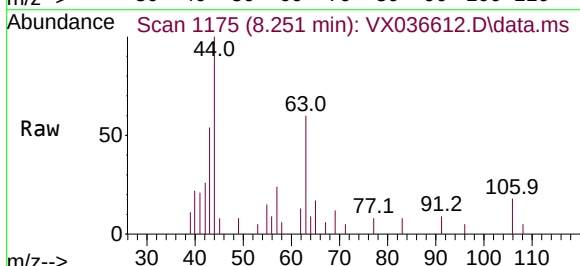
Acq: 21 Jul 2023 16:25

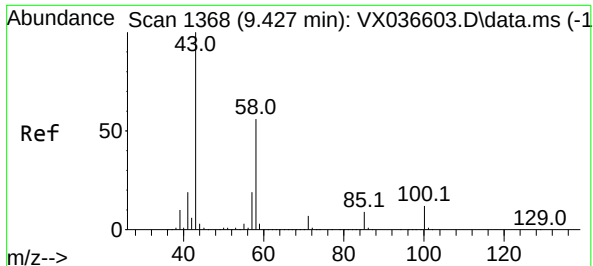
Tgt Ion: 63 Resp: 1187

Ion Ratio Lower Upper

63 100

106 29.4 22.5 33.7





#59

2-Hexanone

Concen: 0.801 ug/l

RT: 9.439 min Scan# 1370

Delta R.T. 0.012 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

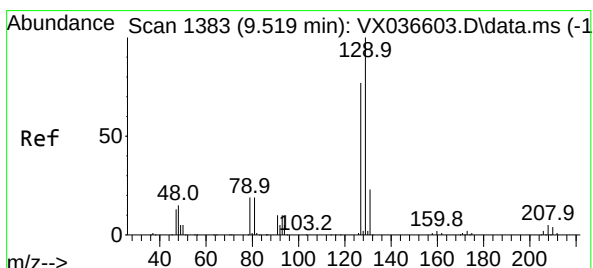
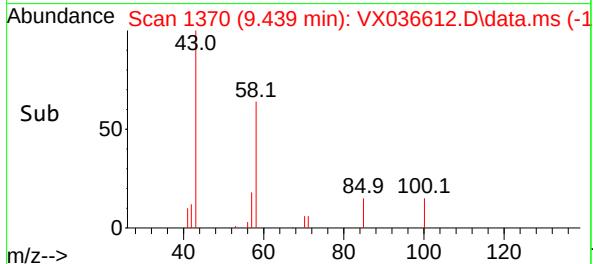
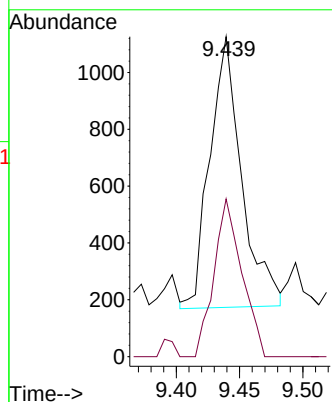
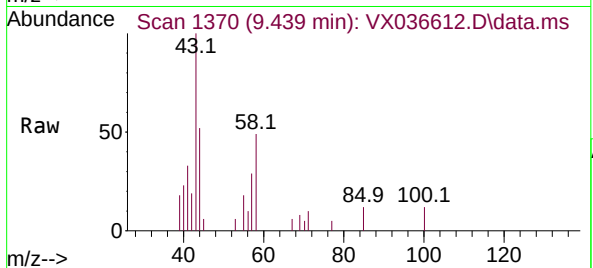
LOD-MDL-WATER-01-QT3-2023

Tgt Ion: 43 Resp: 1665

Ion Ratio Lower Upper

43 100

58 50.9 26.2 78.5



#60

Dibromochloromethane

Concen: 0.109 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX036612.D

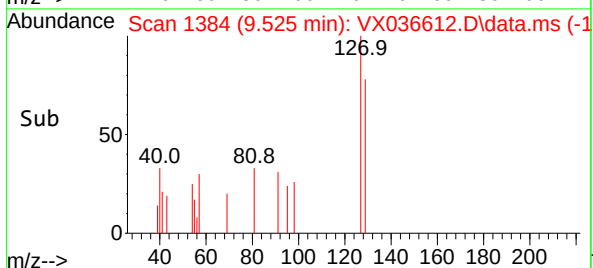
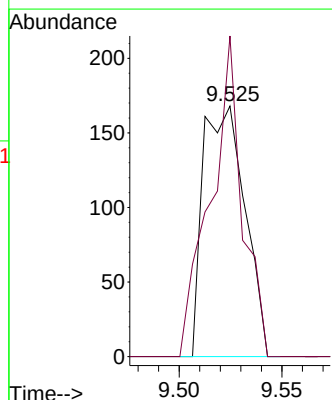
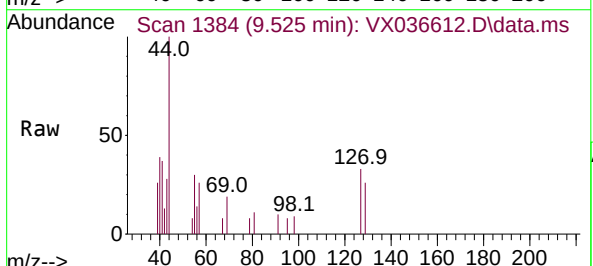
Acq: 21 Jul 2023 16:25

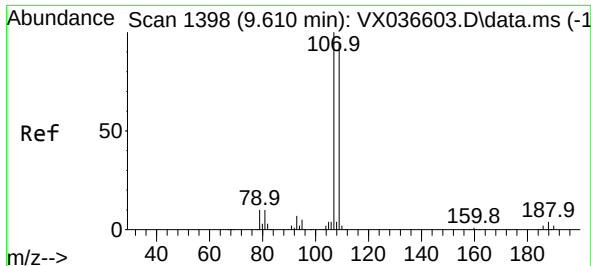
Tgt Ion: 129 Resp: 238

Ion Ratio Lower Upper

129 100

127 97.1 38.8 116.4

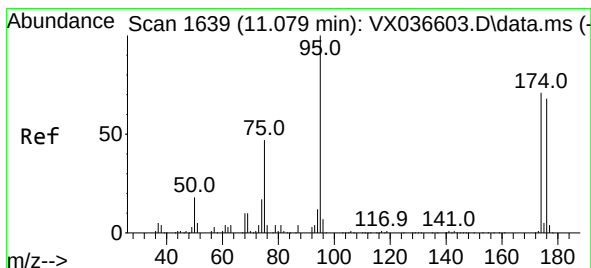
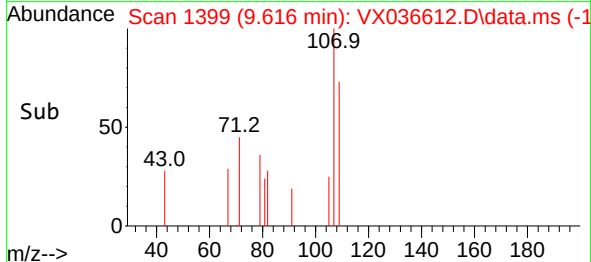
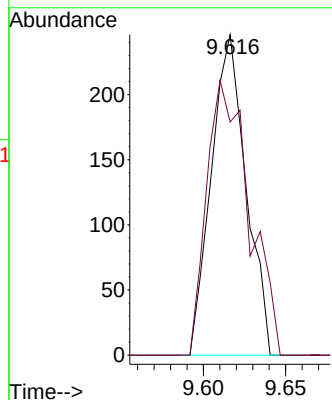
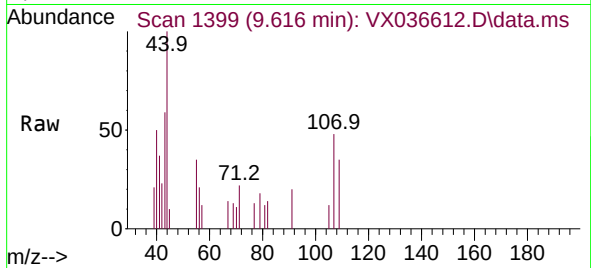




#61  
1,2-Dibromoethane  
Concen: 0.175 ug/l  
RT: 9.616 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

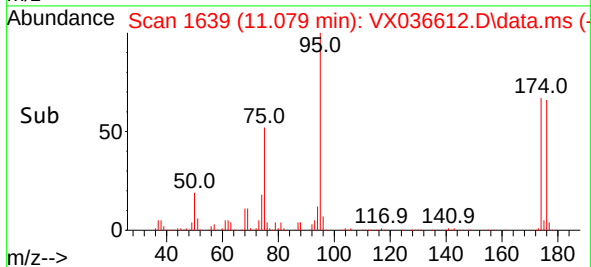
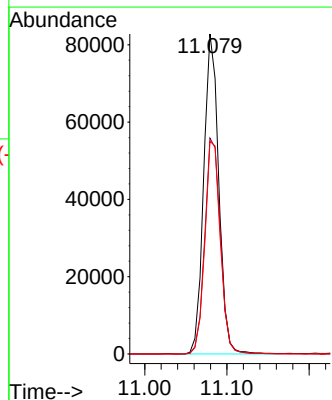
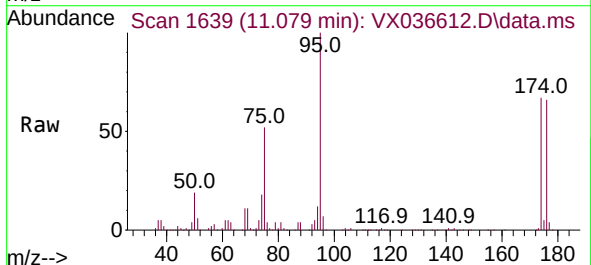
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

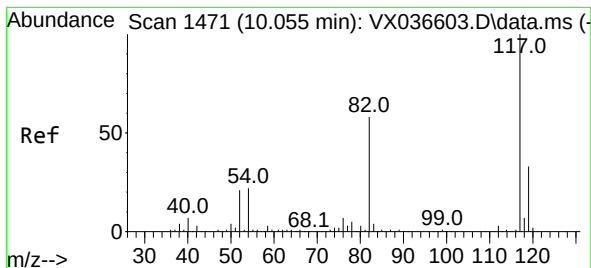
Tgt Ion:107 Resp: 361  
Ion Ratio Lower Upper  
107 100  
109 104.7 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 45.195 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 95 Resp: 105356  
Ion Ratio Lower Upper  
95 100  
174 70.3 0.0 135.6  
176 68.2 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

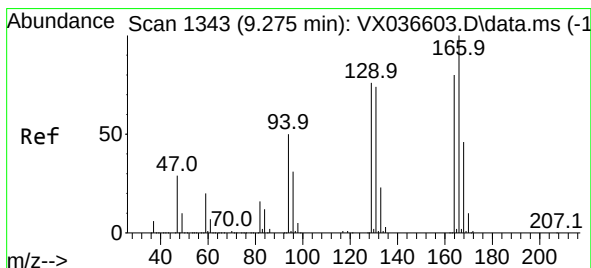
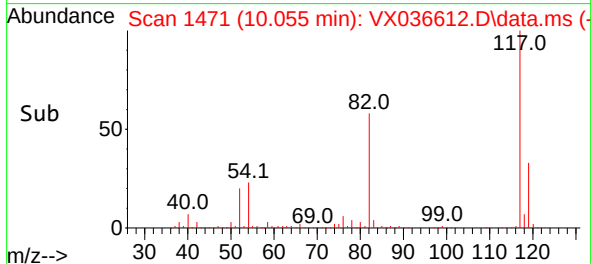
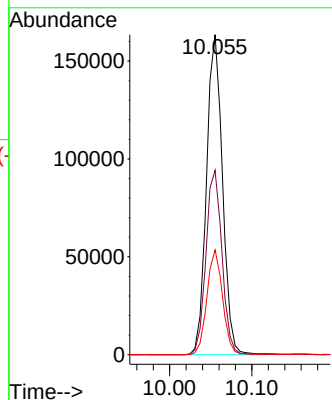
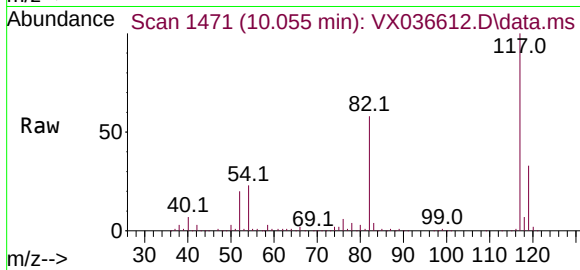
Tgt Ion:117 Resp: 220850

Ion Ratio Lower Upper

117 100

82 57.6 46.2 69.4

119 32.7 25.5 38.3



#64

Tetrachloroethene

Concen: 0.212 ug/l

RT: 9.269 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Tgt Ion:164 Resp: 349

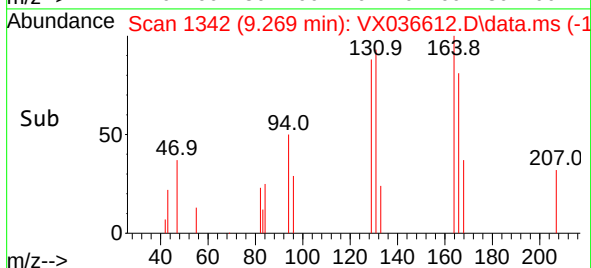
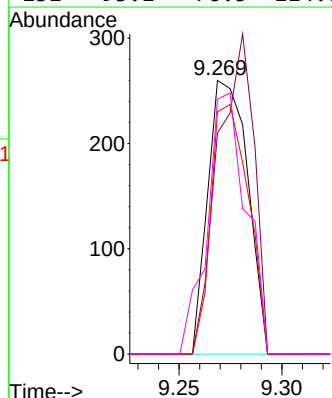
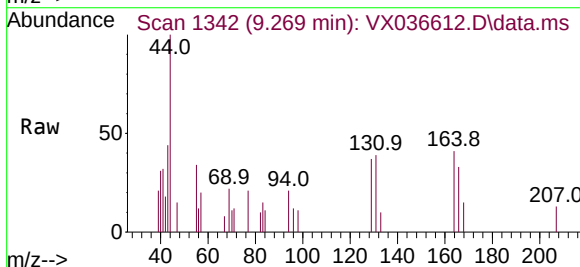
Ion Ratio Lower Upper

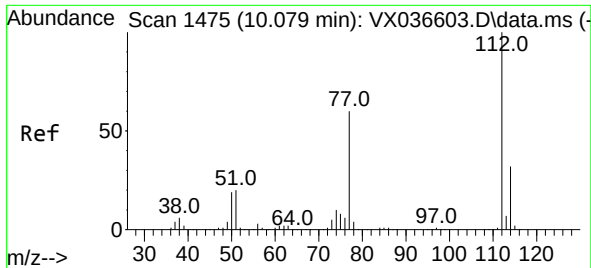
164 100

166 80.8 102.7 154.1#

129 88.5 80.4 120.6

131 93.1 76.5 114.7

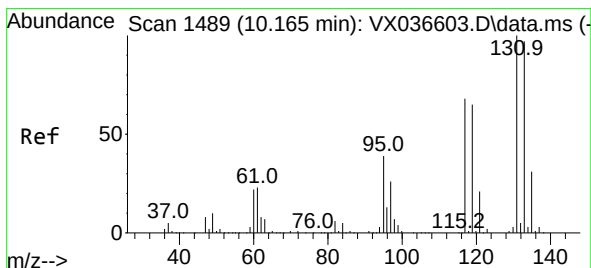
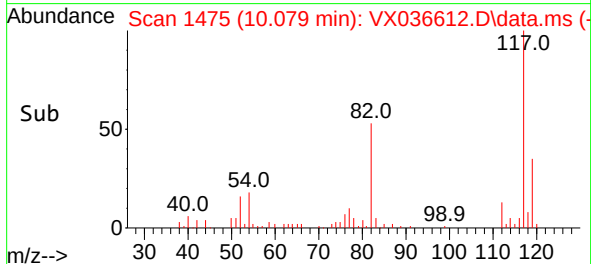
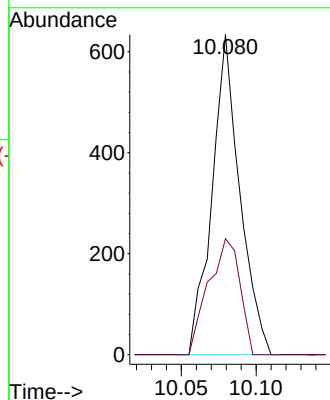
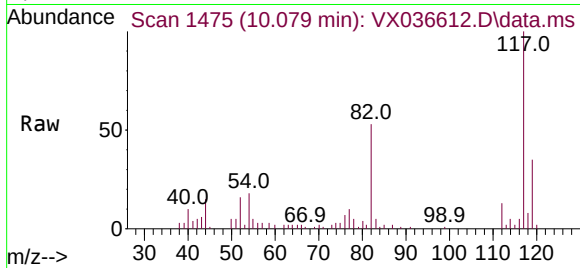




#65  
Chlorobenzene  
Concen: 0.169 ug/l  
RT: 10.079 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

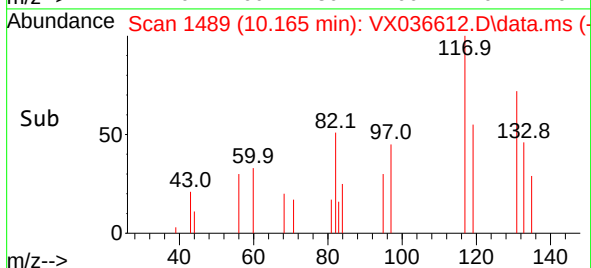
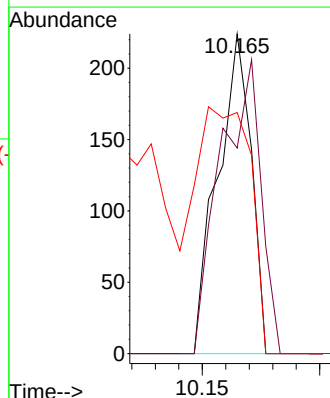
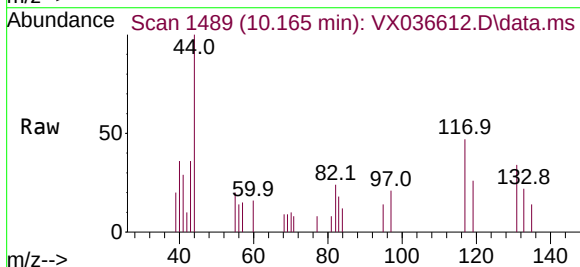
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

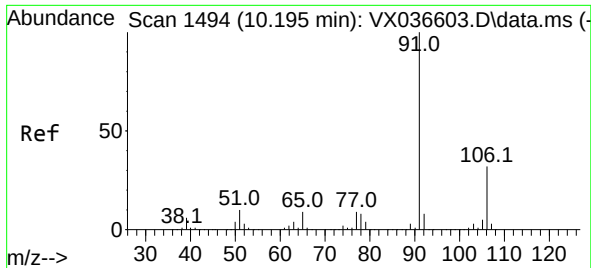
Tgt Ion:112 Resp: 821  
Ion Ratio Lower Upper  
112 100  
114 36.3 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 0.118 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion:131 Resp: 222  
Ion Ratio Lower Upper  
131 100  
133 110.8 47.1 141.4  
119 0.0 32.2 96.6#

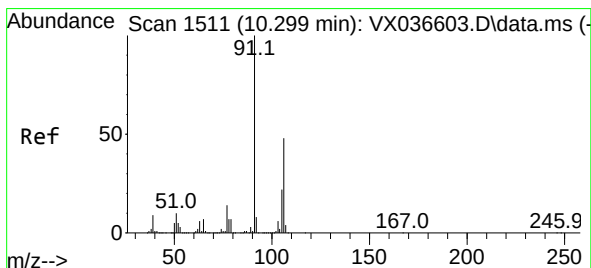
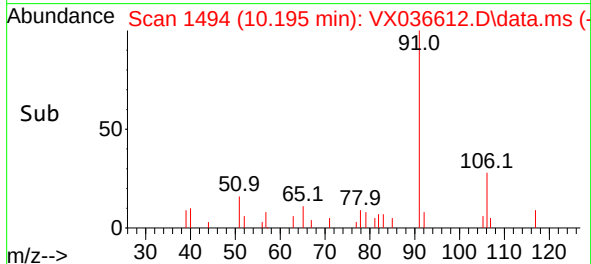
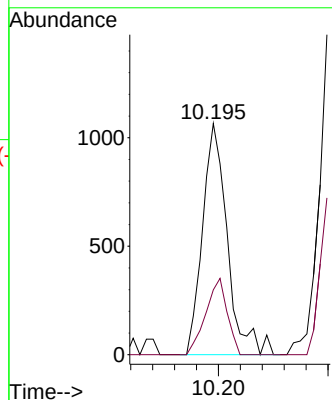
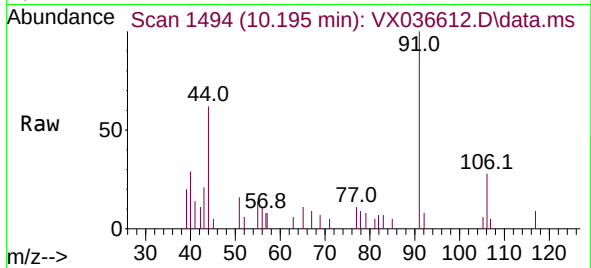




#67  
Ethyl Benzene  
Concen: 0.188 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

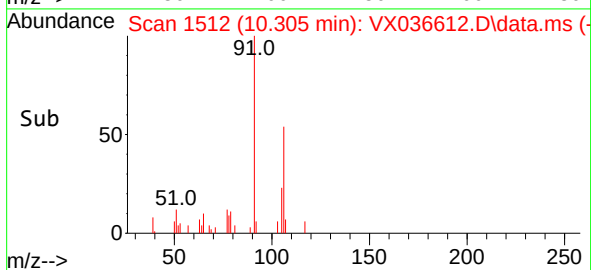
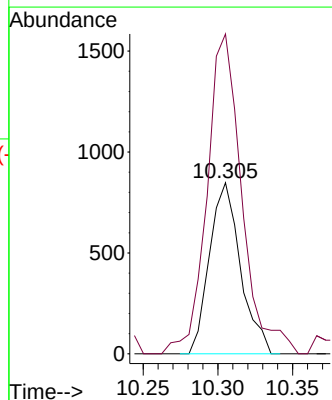
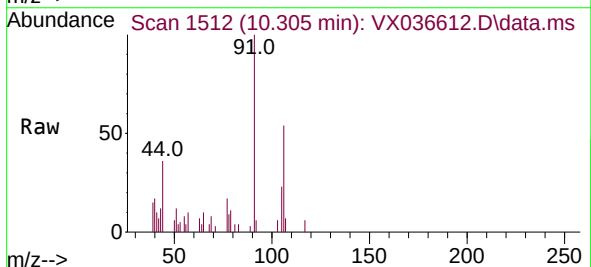
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

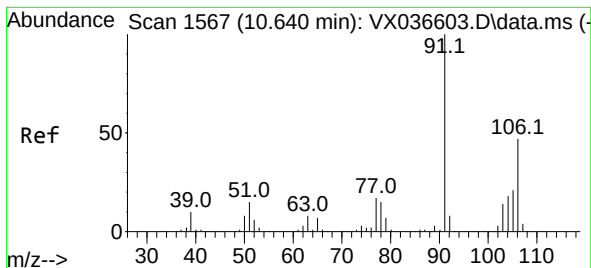
Tgt Ion: 91 Resp: 1674  
Ion Ratio Lower Upper  
91 100  
106 28.0 24.9 37.3



#68  
m/p-Xylenes  
Concen: 0.368 ug/l  
RT: 10.305 min Scan# 1512  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 106 Resp: 1220  
Ion Ratio Lower Upper  
106 100  
91 210.5 165.5 248.3





#69

o-Xylene

Concen: 0.167 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

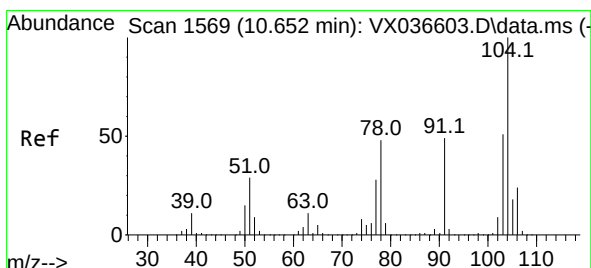
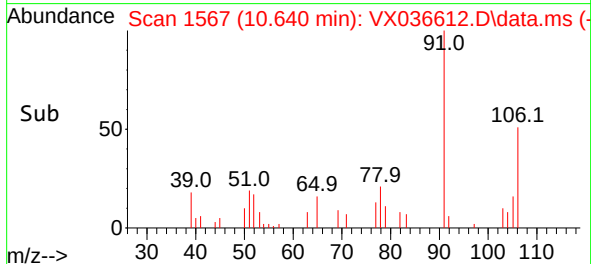
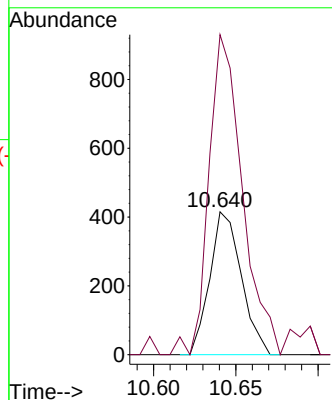
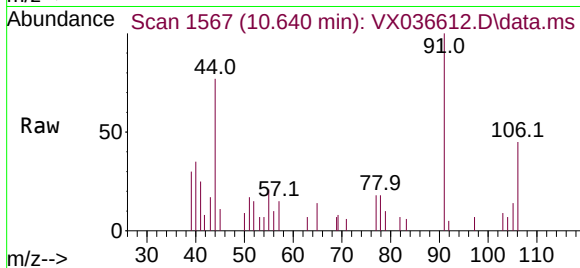
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:106 Resp: 554

Ion Ratio Lower Upper

106 100

91 237.5 108.9 326.8



#70

Styrene

Concen: 0.176 ug/l

RT: 10.665 min Scan# 1571

Delta R.T. 0.012 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

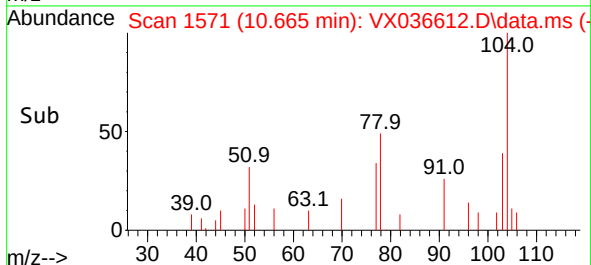
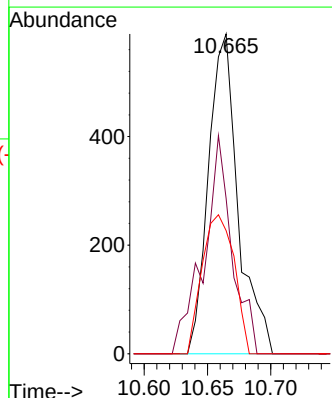
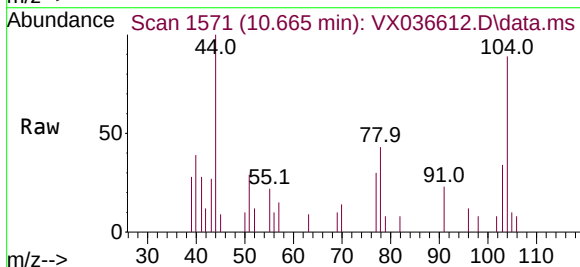
Tgt Ion:104 Resp: 961

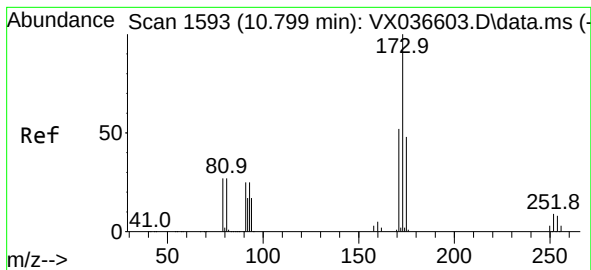
Ion Ratio Lower Upper

104 100

78 64.8 43.6 65.4

103 47.1 43.6 65.4





#71

Bromoform

Concen: 0.127 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX036612.D

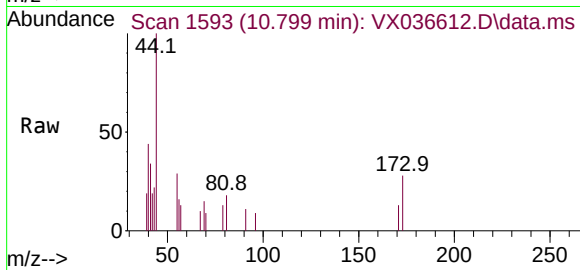
Acq: 21 Jul 2023 16:25

Instrument :

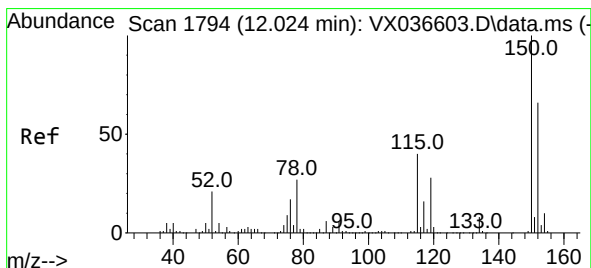
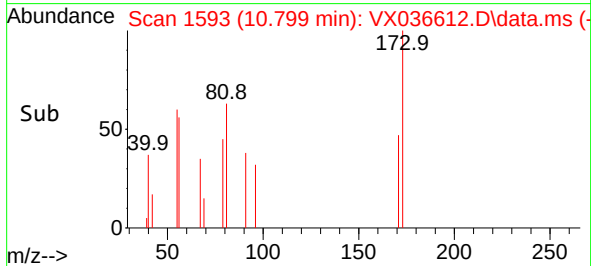
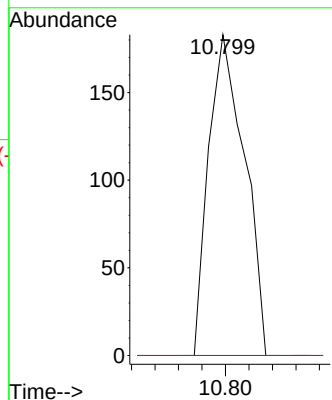
MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 194   |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 0.0   | 24.1  | 72.4# |
| 254       | 0.0   | 0.0   | 0.0   |



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

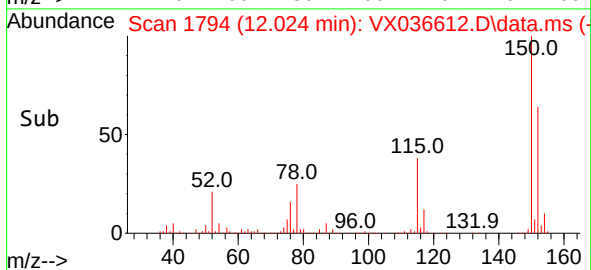
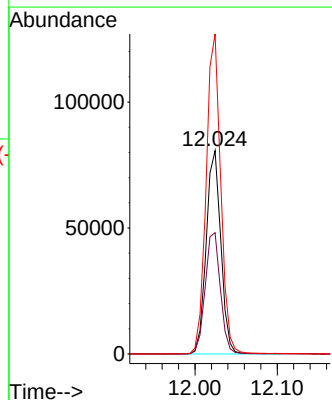
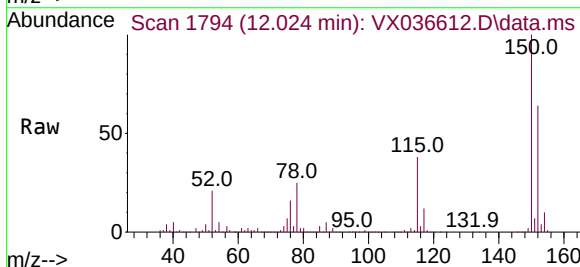
RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

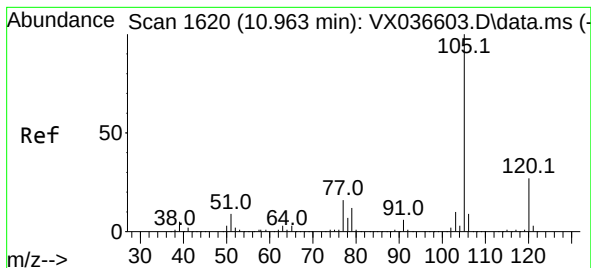
Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 99985 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 61.9  | 43.3  | 129.9 |
| 150       | 157.0 | 0.0   | 345.0 |







#73

Isopropylbenzene

Concen: 0.189 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

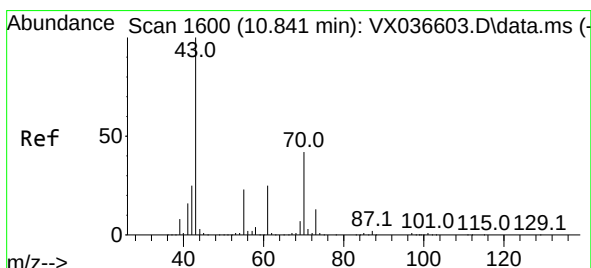
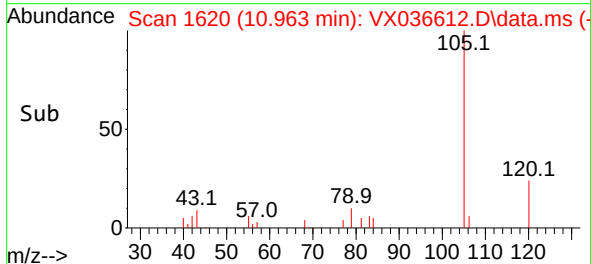
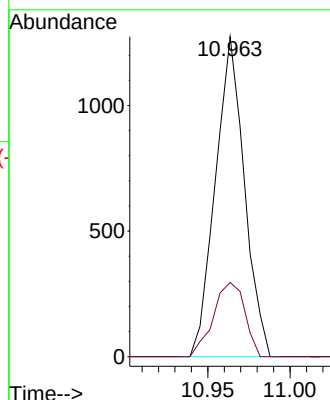
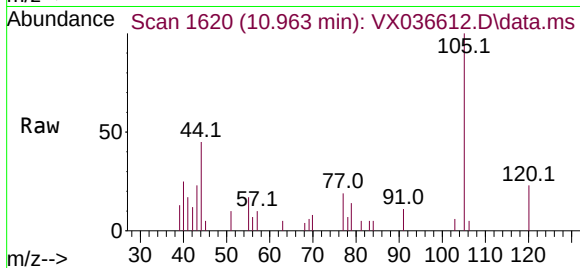
LOD-MDL-WATER-01-QT3-2023

Tgt Ion:105 Resp: 1562

Ion Ratio Lower Upper

105 100

120 25.2 12.9 38.6



#74

N-ethyl acetate

Concen: 0.206 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Tgt Ion: 43 Resp: 795

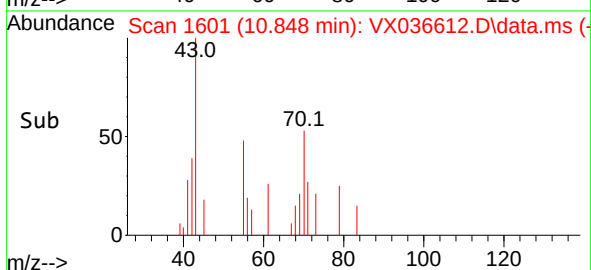
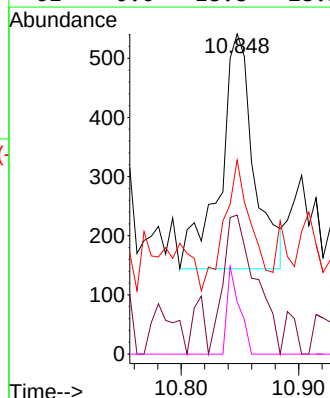
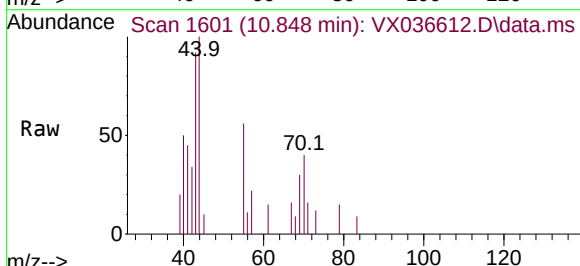
Ion Ratio Lower Upper

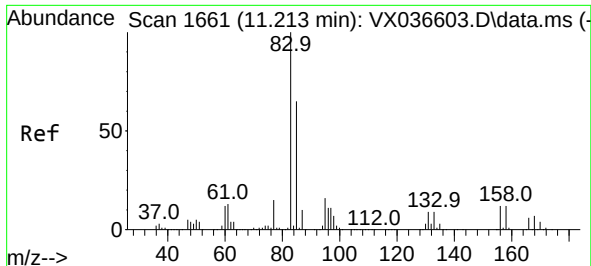
43 100

70 57.1 32.9 49.3#

55 44.4 19.3 28.9#

61 0.0 18.8 28.2#

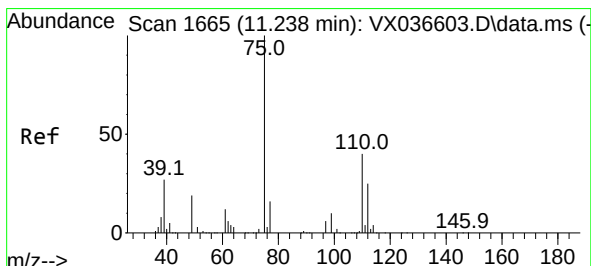
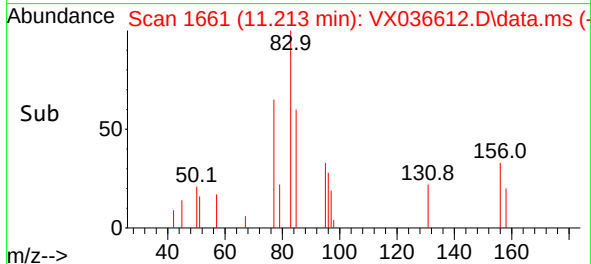
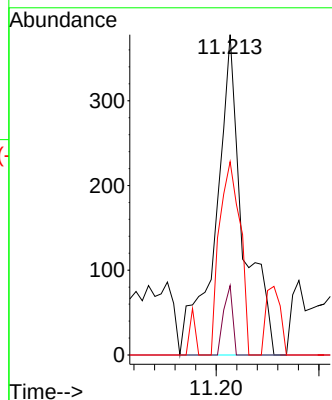
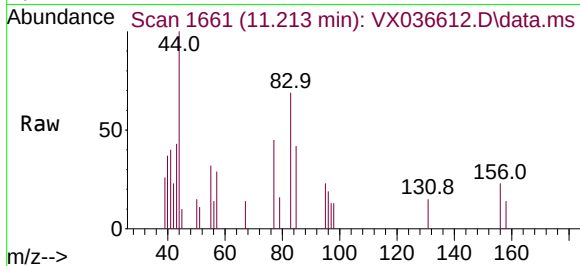




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 0.251 ug/l  
 RT: 11.213 min Scan# 1661  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

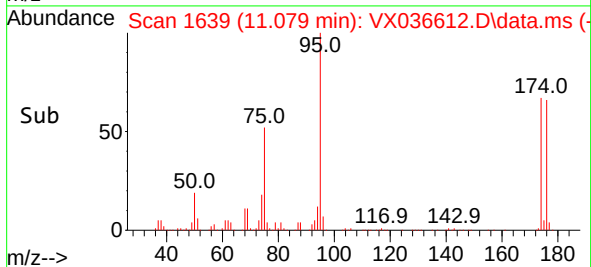
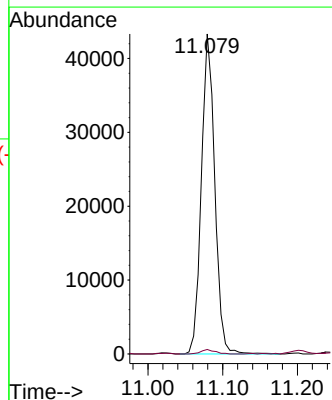
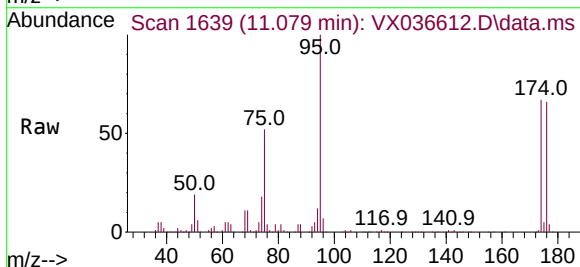
Instrument : MSVOA\_X  
 ClientSampleId : LOD-MDL-WATER-01-QT3-2023

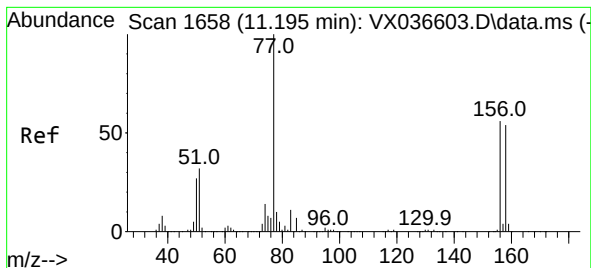
Tgt Ion: 83 Resp: 701  
 Ion Ratio Lower Upper  
 83 100  
 131 7.0 5.3 15.8  
 85 45.6 32.0 96.2



#76  
 1,2,3-Trichloropropane  
 Concen: 22.890 ug/l  
 RT: 11.079 min Scan# 1639  
 Delta R.T. -0.158 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

Tgt Ion: 75 Resp: 53832  
 Ion Ratio Lower Upper  
 75 100  
 77 1.5 19.1 57.5#





#77

Bromobenzene

Concen: 0.177 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

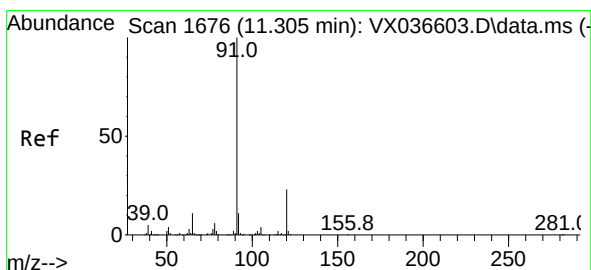
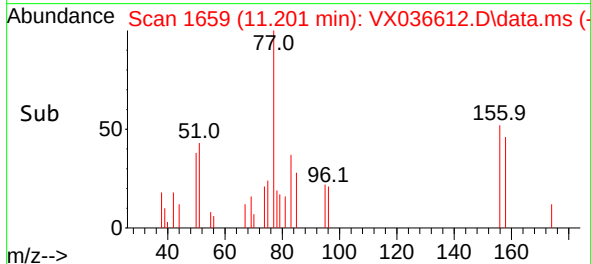
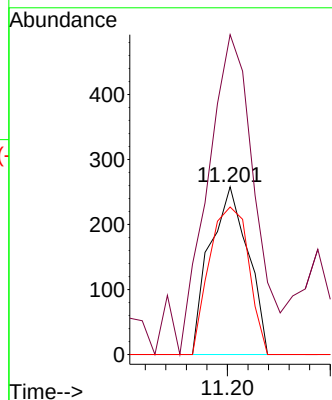
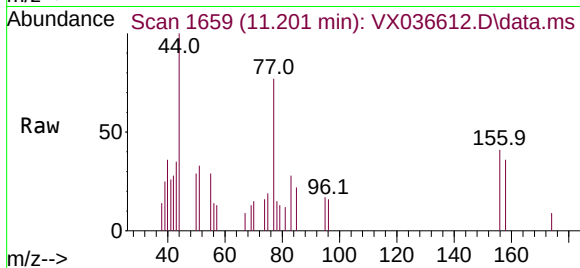
Tgt Ion:156 Resp: 334

Ion Ratio Lower Upper

156 100

77 240.7 88.4 265.3

158 90.4 48.0 144.0



#78

n-propylbenzene

Concen: 0.199 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX036612.D

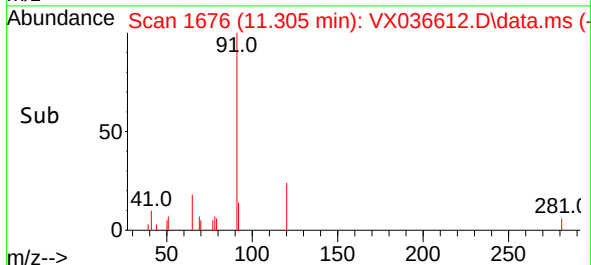
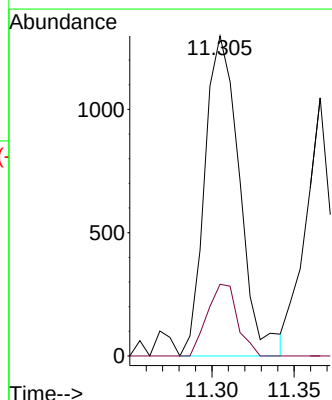
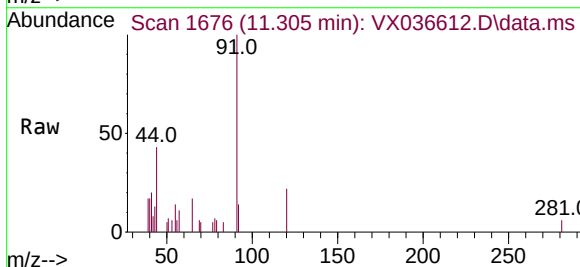
Acq: 21 Jul 2023 16:25

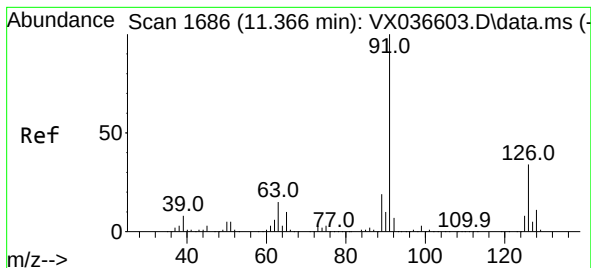
Tgt Ion: 91 Resp: 1907

Ion Ratio Lower Upper

91 100

120 19.5 11.5 34.4

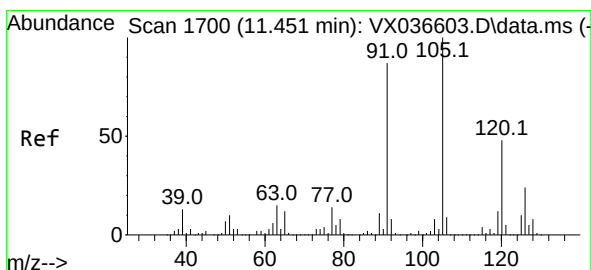
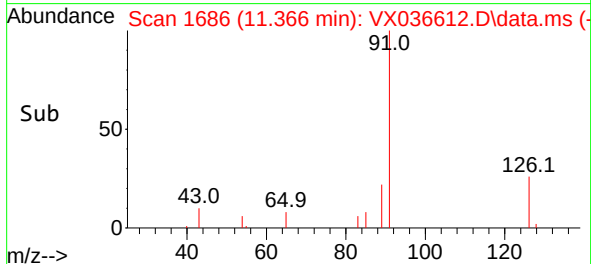
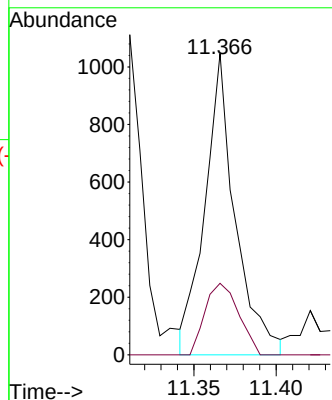
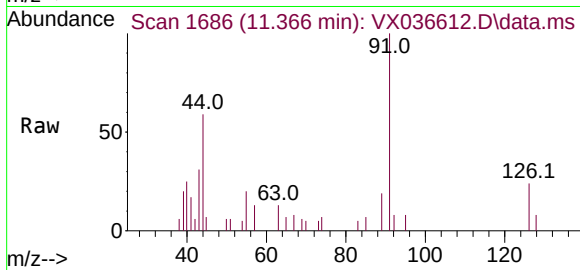




#79  
2-Chlorotoluene  
Concen: 0.231 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

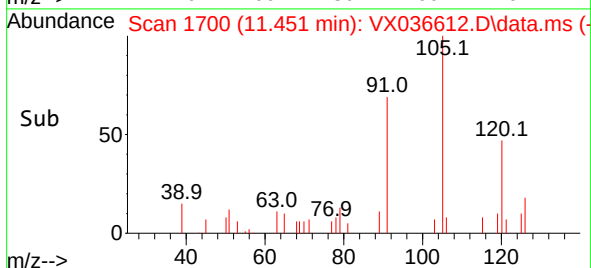
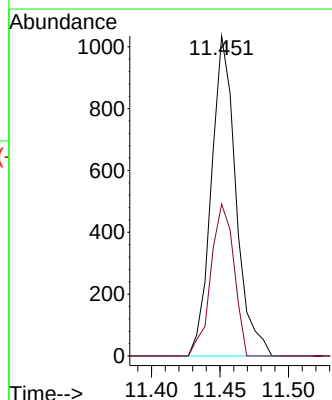
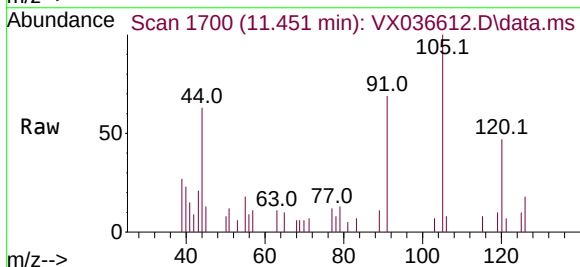
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

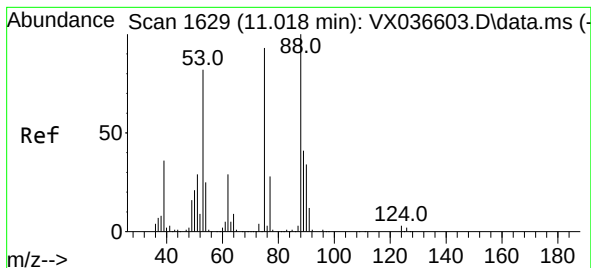
Tgt Ion: 91 Resp: 1340  
Ion Ratio Lower Upper  
91 100  
126 26.3 16.3 48.8



#80  
1,3,5-Trimethylbenzene  
Concen: 0.186 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 105 Resp: 1290  
Ion Ratio Lower Upper  
105 100  
120 44.5 24.1 72.3

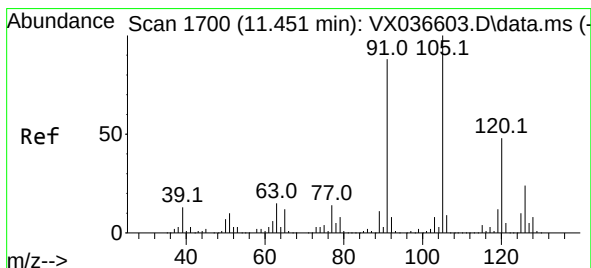
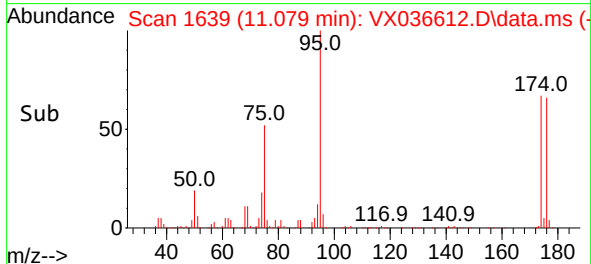
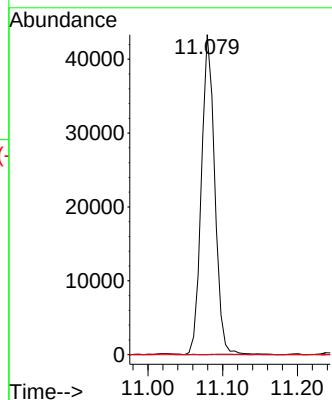
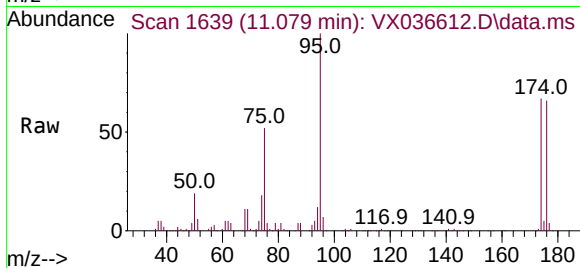




#81  
trans-1,4-Dichloro-2-butene  
Concen: 51.882 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

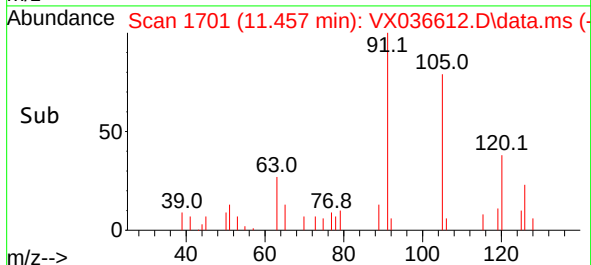
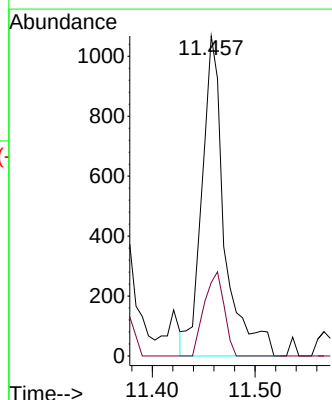
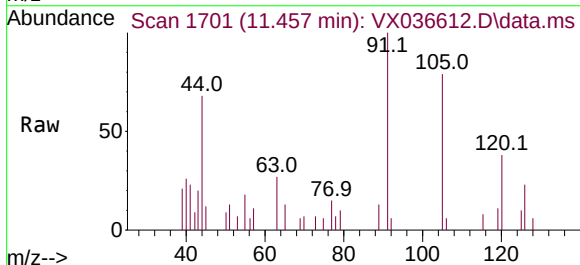
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

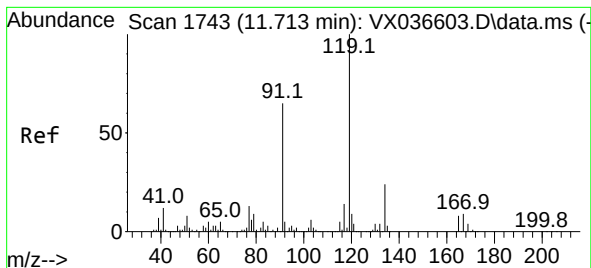
Tgt Ion: 75 Resp: 53832  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.1 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 0.248 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 91 Resp: 1636  
Ion Ratio Lower Upper  
91 100  
126 23.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 0.181 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

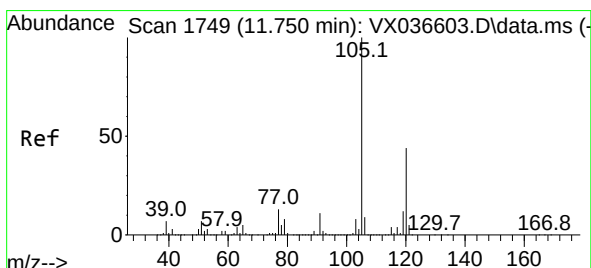
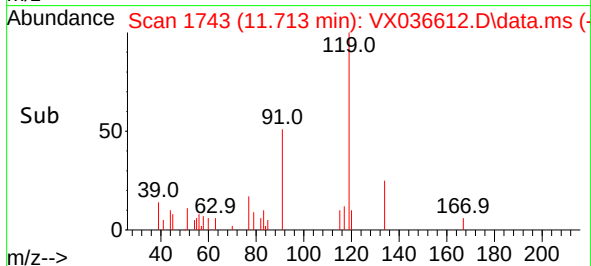
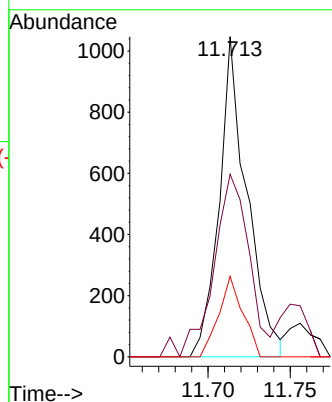
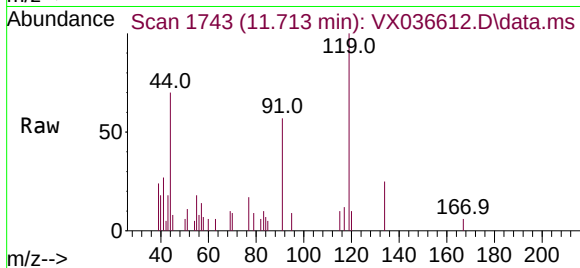
Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 119   | Resp: | 1229  |
| Ion      | Ratio | Lower | Upper |
| 119      | 100   |       |       |
| 91       | 73.6  | 31.2  | 93.6  |
| 134      | 21.9  | 11.7  | 35.0  |



#84

1,2,4-Trimethylbenzene

Concen: 0.194 ug/l

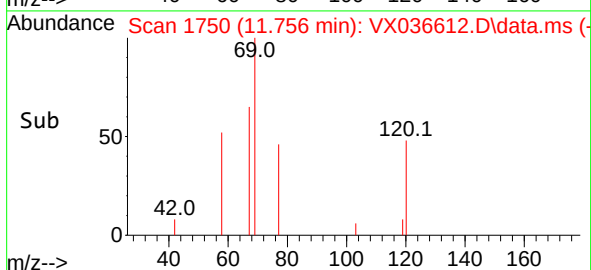
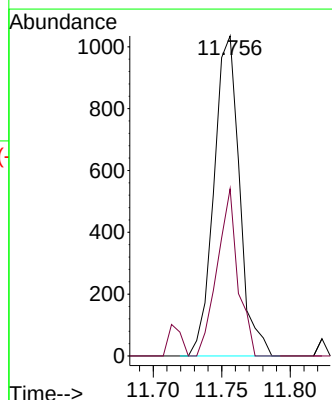
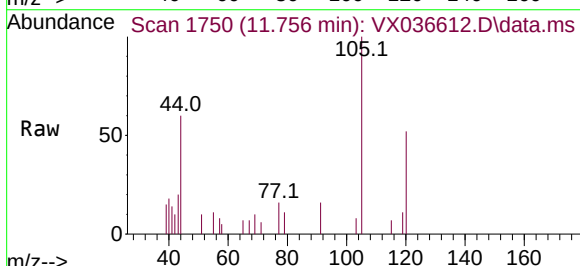
RT: 11.756 min Scan# 1750

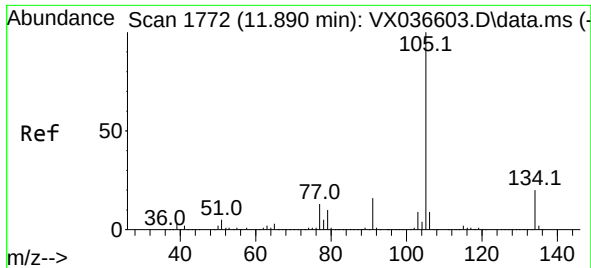
Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 1343  |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 120      | 42.3  | 21.2  | 63.6  |

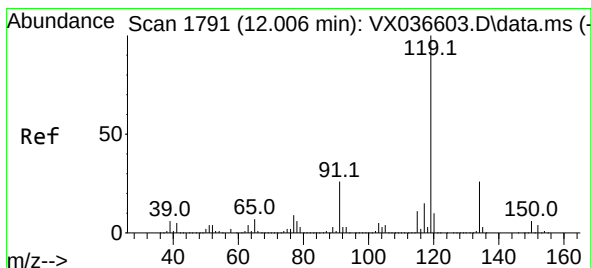
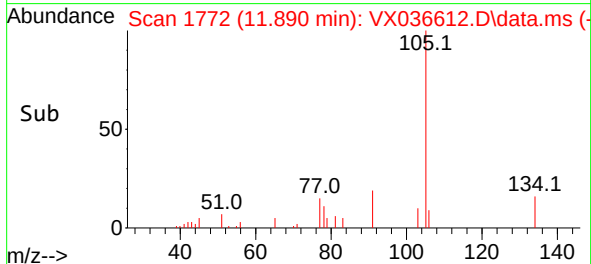
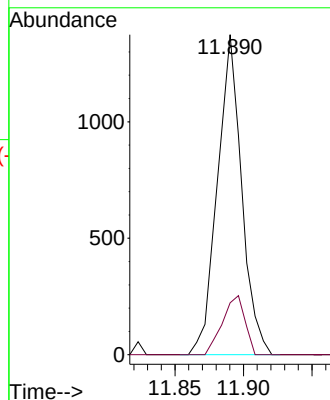
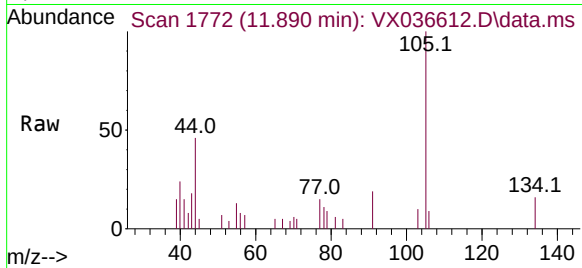




#85  
 sec-Butylbenzene  
 Concen: 0.199 ug/l  
 RT: 11.890 min Scan# 1772  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

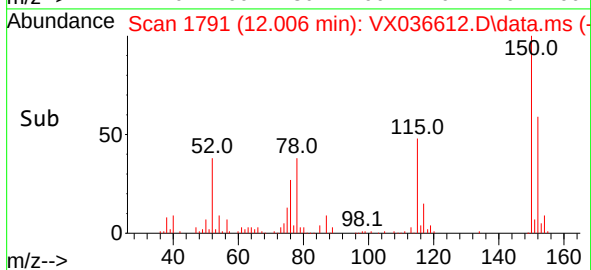
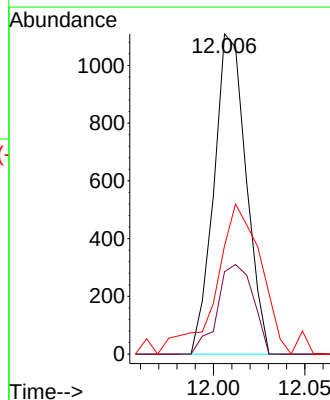
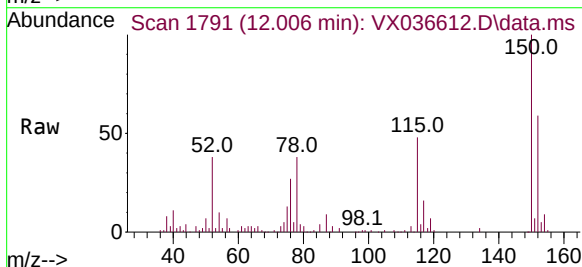
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT3-2023

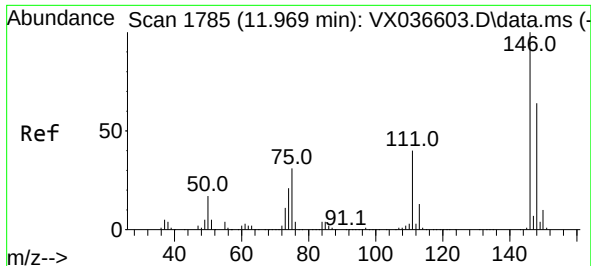
Tgt Ion:105 Resp: 1690  
 Ion Ratio Lower Upper  
 105 100  
 134 17.0 9.8 29.4



#86  
 p-Isopropyltoluene  
 Concen: 0.194 ug/l  
 RT: 12.006 min Scan# 1791  
 Delta R.T. 0.000 min  
 Lab File: VX036612.D  
 Acq: 21 Jul 2023 16:25

Tgt Ion:119 Resp: 1357  
 Ion Ratio Lower Upper  
 119 100  
 134 31.1 12.8 38.3  
 91 65.2 13.1 39.3#





#87

1,3-Dichlorobenzene

Concen: 0.211 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

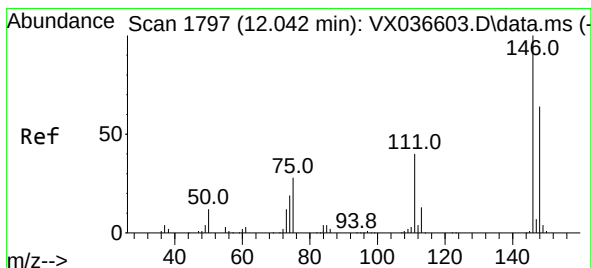
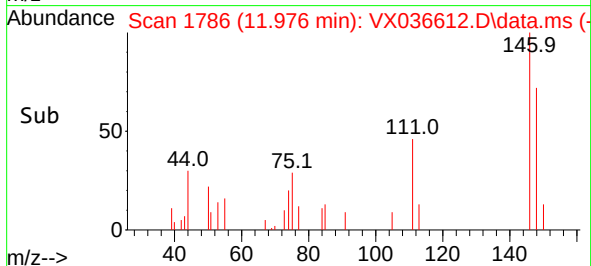
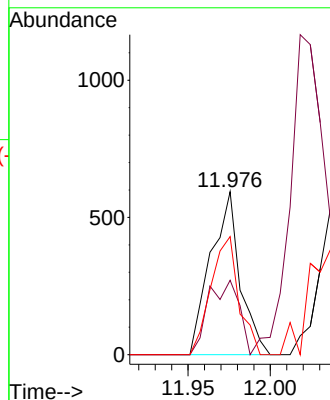
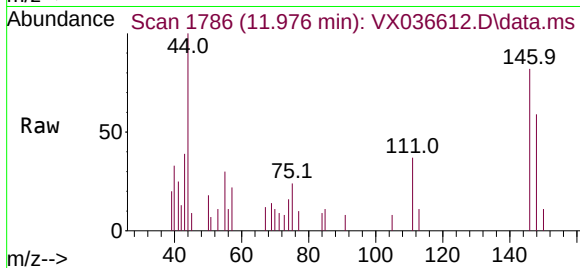
Tgt Ion:146 Resp: 737

Ion Ratio Lower Upper

146 100

111 47.8 22.1 66.1

148 68.7 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.213 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.067 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

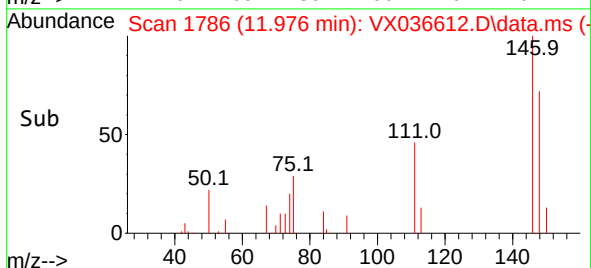
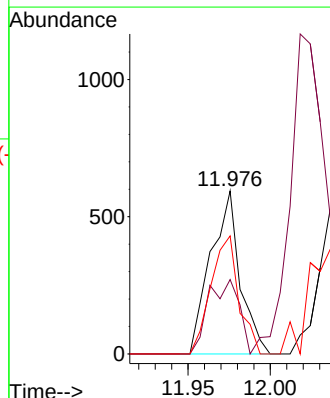
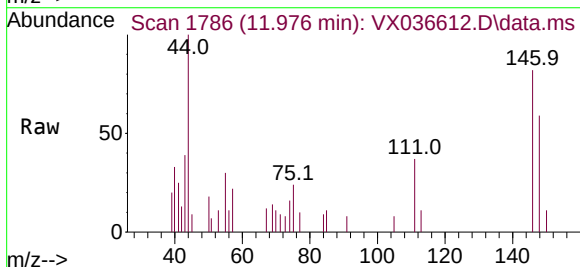
Tgt Ion:146 Resp: 737

Ion Ratio Lower Upper

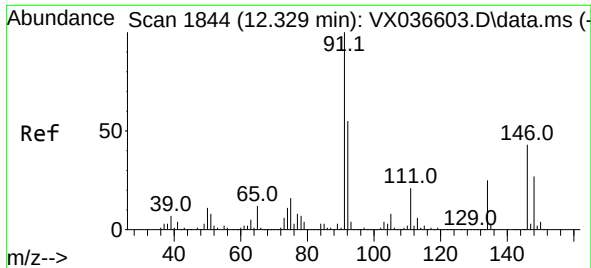
146 100

111 47.8 21.3 63.7

148 68.7 31.8 95.4







#89

n-Butylbenzene

Concen: 0.253 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

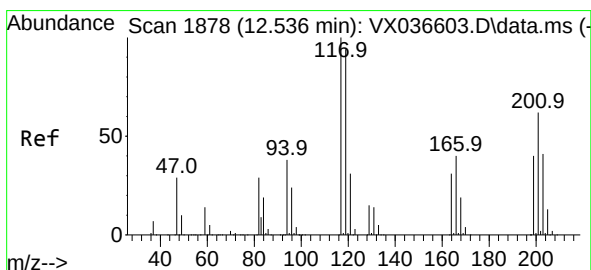
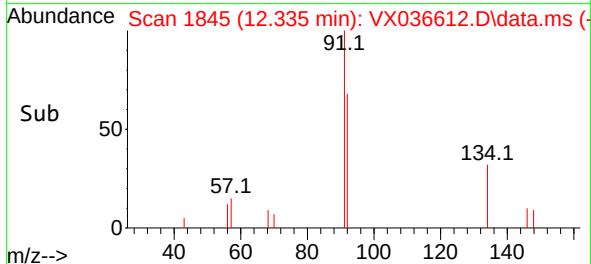
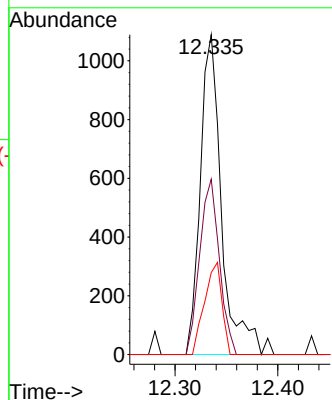
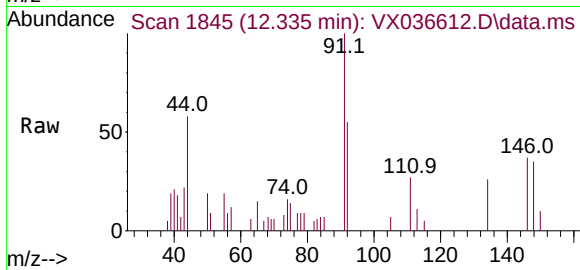
Tgt Ion: 91 Resp: 1580

Ion Ratio Lower Upper

91 100

92 50.3 27.4 82.0

134 23.4 12.6 37.8



#90

Hexachloroethane

Concen: 0.163 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036612.D

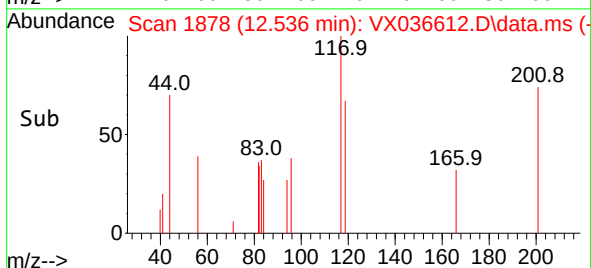
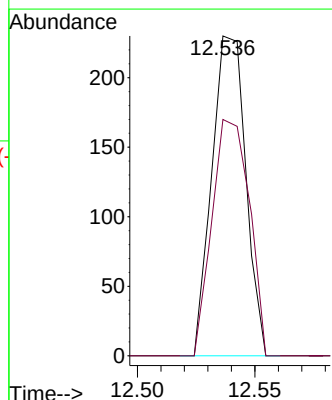
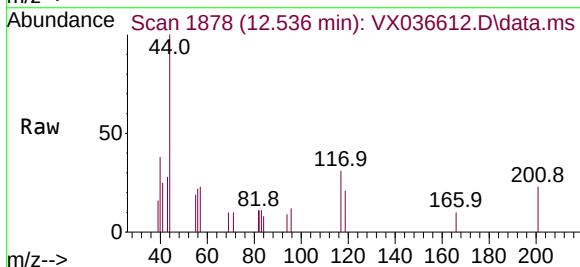
Acq: 21 Jul 2023 16:25

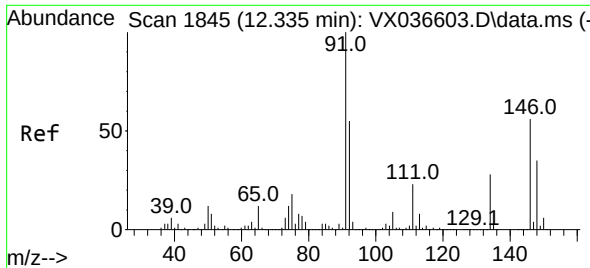
Tgt Ion: 117 Resp: 231

Ion Ratio Lower Upper

117 100

201 81.4 32.9 98.6

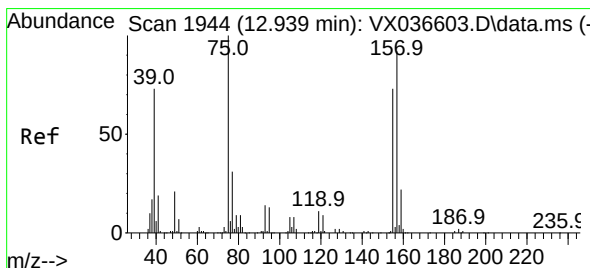
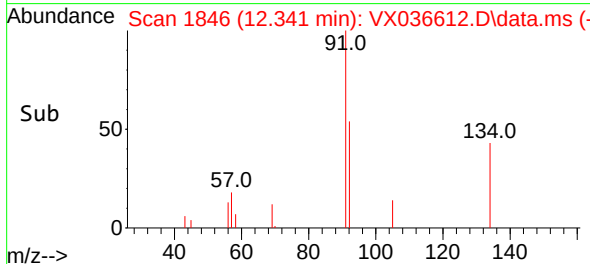
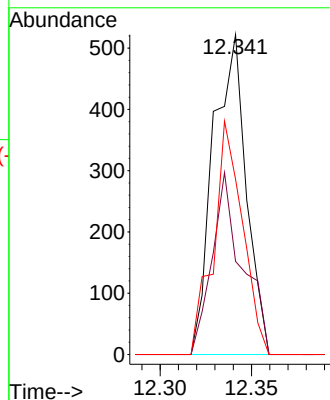
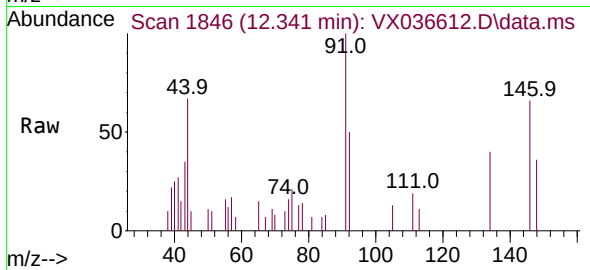




#91  
1,2-Dichlorobenzene  
Concen: 0.194 ug/l  
RT: 12.341 min Scan# 1845  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

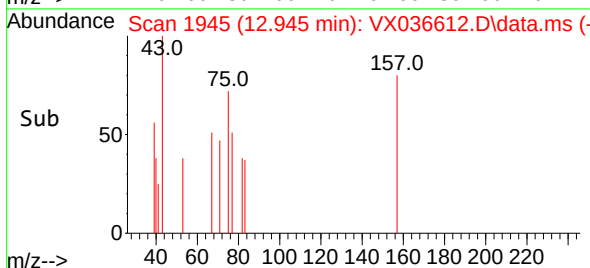
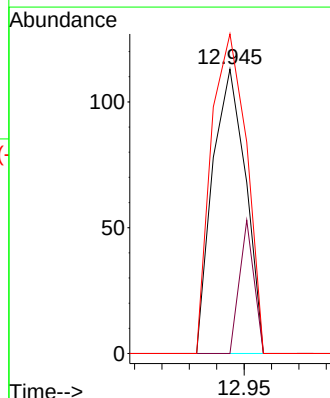
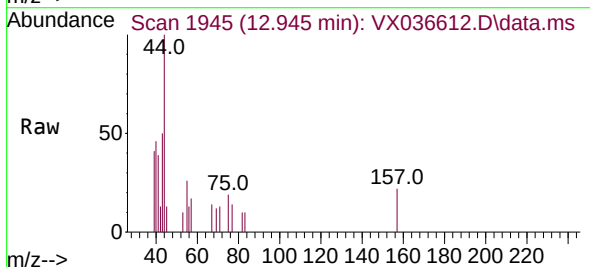
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT3-2023

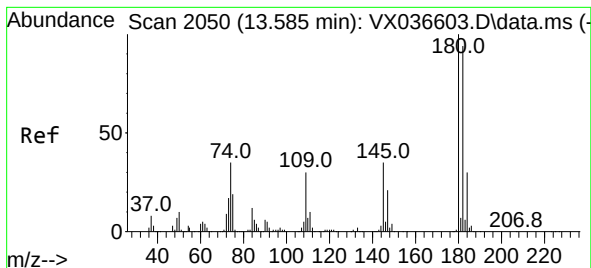
Tgt Ion:146 Resp: 654  
Ion Ratio Lower Upper  
146 100  
111 52.3 22.4 67.0  
148 64.4 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 0.146 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX036612.D  
Acq: 21 Jul 2023 16:25

Tgt Ion: 75 Resp: 95  
Ion Ratio Lower Upper  
75 100  
155 20.0 36.1 108.5#  
157 118.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 0.224 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

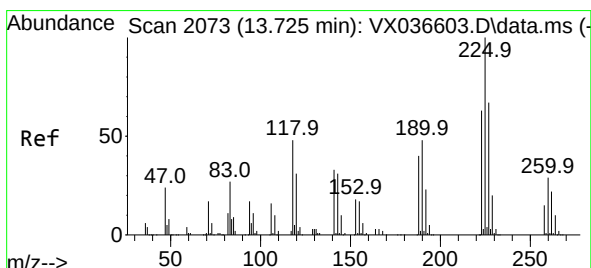
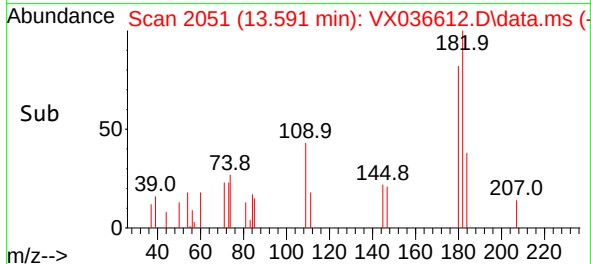
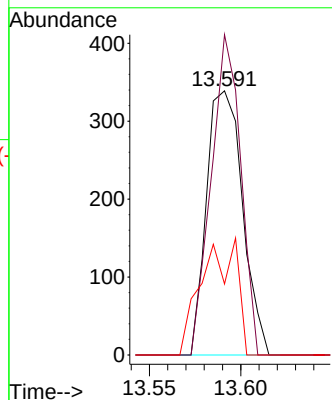
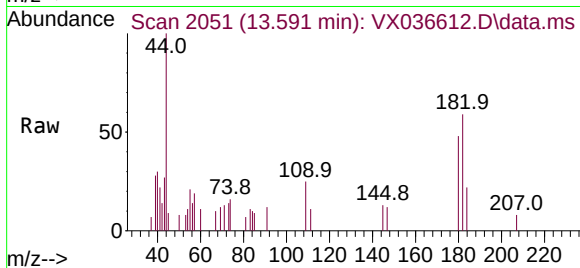
Tgt Ion:180 Resp: 465

Ion Ratio Lower Upper

180 100

182 99.1 48.3 144.8

145 43.0 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.248 ug/l

RT: 13.731 min Scan# 2074

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

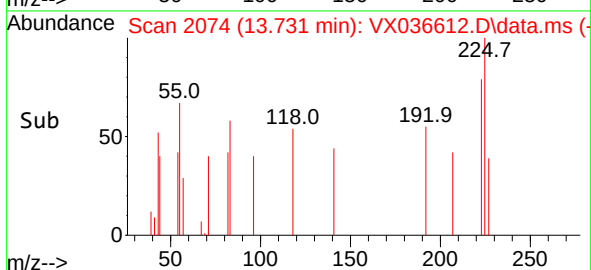
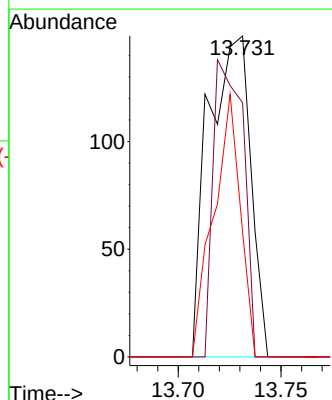
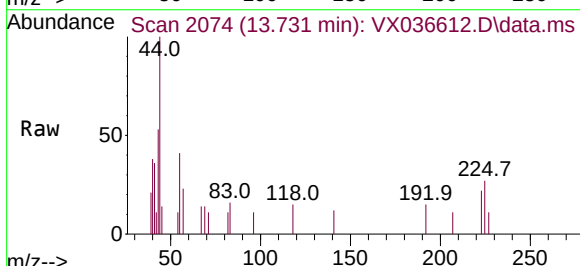
Tgt Ion:225 Resp: 213

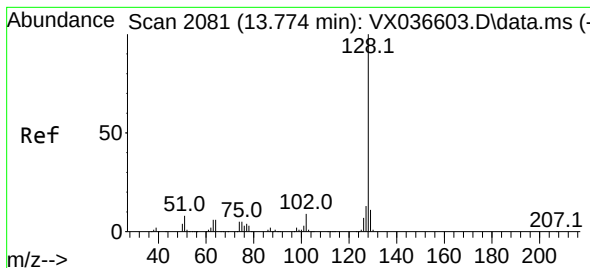
Ion Ratio Lower Upper

225 100

223 65.7 31.1 93.2

227 52.1 32.5 97.5





#95

Naphthalene

Concen: 0.249 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT3-2023

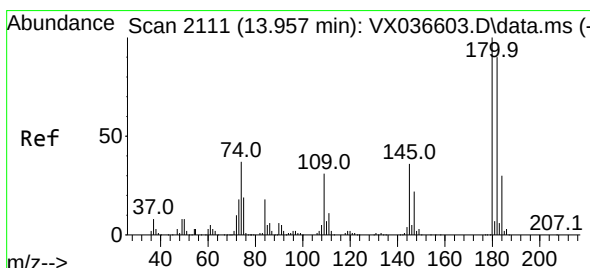
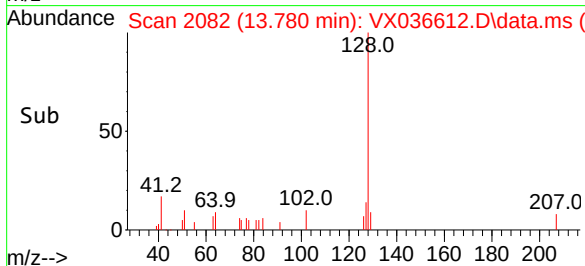
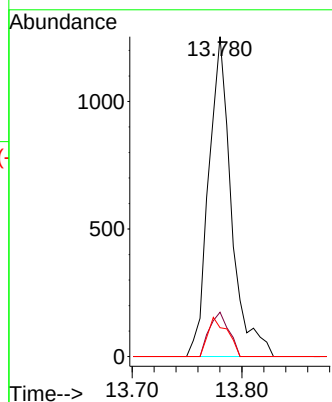
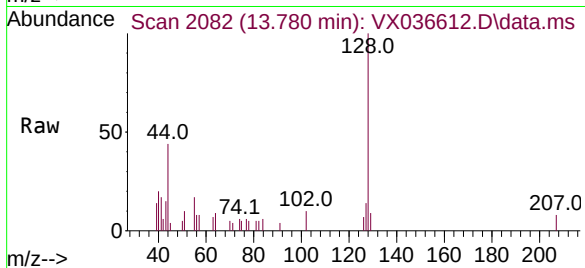
Tgt Ion:128 Resp: 1803

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.225 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX036612.D

Acq: 21 Jul 2023 16:25

Tgt Ion:180 Resp: 461

Ion Ratio Lower Upper

180 100

182 86.6 46.9 140.6

145 28.6 17.8 53.5

