

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013024\  
 Data File : VX040025.D  
 Acq On : 30 Jan 2024 17:35  
 Operator : JC/MD  
 Sample : P1187-07 2.5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 31 06:43:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 31 06:40:20 2024  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.556  | 168  | 77162    | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.757  | 114  | 146950   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 143811   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 67554    | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |            |      |
|-----------------------------|--------|-------|----------|----------|------------|------|
| System Monitoring Compounds |        |       |          |          |            |      |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 66727    | 53.733   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 107.460% |      |
| 35) Dibromofluoromethane    | 5.385  | 113   | 47854    | 47.838   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 95.680%  |      |
| 50) Toluene-d8              | 8.647  | 98    | 184729   | 49.380   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 98.760%  |      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 67478    | 46.844   | ug/l       | 0.00 |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 93.680%  |      |

|                              |       |     |       |        |        |     |
|------------------------------|-------|-----|-------|--------|--------|-----|
| Target Compounds             |       |     |       |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.167 | 85  | 2004  | 2.306  | ug/l   | 78  |
| 3) Chloromethane             | 1.295 | 50  | 1876  | 2.276  | ug/l # | 83  |
| 4) Vinyl Chloride            | 1.374 | 62  | 1932  | 2.534  | ug/l   | 96  |
| 5) Bromomethane              | 1.605 | 94  | 1256  | 1.695  | ug/l # | 67  |
| 6) Chloroethane              | 1.685 | 64  | 1146  | 2.277  | ug/l # | 66  |
| 7) Trichlorofluoromethane    | 1.886 | 101 | 3096  | 2.553  | ug/l # | 83  |
| 8) Diethyl Ether             | 2.130 | 74  | 1178  | 2.747  | ug/l   | 87  |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 2276  | 2.515  | ug/l   | 96  |
| 10) Methyl Iodide            | 2.453 | 142 | 1904  | 1.977  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 2.959 | 59  | 2862  | 12.702 | ug/l # | 91  |
| 12) 1,1-Dichloroethene       | 2.319 | 96  | 1989  | 2.292  | ug/l   | 86  |
| 13) Acrolein                 | 2.233 | 56  | 2696  | 12.488 | ug/l   | 83  |
| 14) Allyl chloride           | 2.660 | 41  | 3847  | 2.459  | ug/l   | 88  |
| 15) Acrylonitrile            | 3.069 | 53  | 6933  | 12.283 | ug/l   | 97  |
| 16) Acetone                  | 2.380 | 43  | 7686  | 13.209 | ug/l   | 93  |
| 17) Carbon Disulfide         | 2.514 | 76  | 6590  | 2.597  | ug/l # | 94  |
| 18) Methyl Acetate           | 2.703 | 43  | 3247  | 2.356  | ug/l   | 96  |
| 19) Methyl tert-butyl Ether  | 3.117 | 73  | 6911  | 2.325  | ug/l   | 99  |
| 20) Methylene Chloride       | 2.788 | 84  | 2855  | 2.761  | ug/l # | 90  |
| 21) trans-1,2-Dichloroethene | 3.093 | 96  | 2130  | 2.229  | ug/l # | 77  |
| 22) Diisopropyl ether        | 3.757 | 45  | 7013  | 2.314  | ug/l # | 71  |
| 23) Vinyl Acetate            | 3.727 | 43  | 29178 | 10.759 | ug/l   | 100 |
| 24) 1,1-Dichloroethane       | 3.617 | 63  | 4347  | 2.505  | ug/l   | 95  |
| 25) 2-Butanone               | 4.568 | 43  | 9869  | 12.201 | ug/l   | 92  |
| 26) 2,2-Dichloropropane      | 4.483 | 77  | 2750  | 2.031  | ug/l   | 84  |
| 27) cis-1,2-Dichloroethene   | 4.489 | 96  | 2470  | 2.316  | ug/l   | 98  |
| 28) Bromochloromethane       | 4.904 | 49  | 2037  | 2.517  | ug/l # | 54  |
| 29) Tetrahydrofuran          | 5.013 | 42  | 6270  | 12.192 | ug/l   | 95  |
| 30) Chloroform               | 5.087 | 83  | 4353  | 2.336  | ug/l   | 91  |
| 31) Cyclohexane              | 5.477 | 56  | 3945  | 2.536  | ug/l   | 93  |
| 32) 1,1,1-Trichloroethane    | 5.385 | 97  | 3858  | 2.412  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.696 | 75  | 3099  | 2.142  | ug/l   | 94  |
| 37) Ethyl Acetate            | 4.721 | 43  | 3206  | 2.029  | ug/l # | 92  |
| 38) Carbon Tetrachloride     | 5.684 | 117 | 2893  | 2.090  | ug/l # | 65  |
| 39) Methylcyclohexane        | 7.373 | 83  | 3935  | 2.236  | ug/l # | 92  |
| 40) Benzene                  | 6.044 | 78  | 9378  | 2.226  | ug/l   | 95  |

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 Data File : VX040025.D  
 Acq On : 30 Jan 2024 17:35  
 Operator : JC/MD  
 Sample : P1187-07 2.5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 31 06:43:34 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 31 06:40:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.916  | 41   | 1927     | 2.405  | ug/l # | 28       |
| 42) 1,2-Dichloroethane        | 6.092  | 62   | 3985     | 2.457  | ug/l   | 93       |
| 43) Isopropyl Acetate         | 6.348  | 43   | 5249     | 2.107  | ug/l # | 93       |
| 44) Trichloroethene           | 7.123  | 130  | 2326     | 2.098  | ug/l   | 83       |
| 45) 1,2-Dichloropropane       | 7.434  | 63   | 2424     | 2.179  | ug/l # | 85       |
| 46) Dibromomethane            | 7.592  | 93   | 2007     | 2.403  | ug/l   | 87       |
| 47) Bromodichloromethane      | 7.824  | 83   | 3202     | 2.153  | ug/l   | 88       |
| 48) Methyl methacrylate       | 7.696  | 41   | 2596     | 2.115  | ug/l # | 85       |
| 49) 1,4-Dioxane               | 7.665  | 88   | 1345     | 50.428 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 18902    | 11.113 | ug/l   | 98       |
| 52) Toluene                   | 8.720  | 92   | 6366     | 2.424  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 8.982  | 75   | 2880     | 1.867  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene   | 8.373  | 75   | 3441     | 2.091  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 2531     | 2.328  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 9.116  | 69   | 3254     | 2.050  | ug/l # | 92       |
| 57) 1,3-Dichloropropane       | 9.305  | 76   | 4000     | 2.234  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether | 8.245  | 63   | 8061     | 10.098 | ug/l   | 95       |
| 59) 2-Hexanone                | 9.433  | 43   | 15360    | 11.326 | ug/l   | 96       |
| 60) Dibromochloromethane      | 9.525  | 129  | 2213     | 2.026  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 2680     | 2.280  | ug/l   | 95       |
| 64) Tetrachloroethene         | 9.275  | 164  | 2198     | 2.349  | ug/l # | 86       |
| 65) Chlorobenzene             | 10.080 | 112  | 6704     | 2.255  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 1956     | 1.948  | ug/l   | 90       |
| 67) Ethyl Benzene             | 10.195 | 91   | 11567    | 2.169  | ug/l   | 97       |
| 68) m/p-Xylenes               | 10.299 | 106  | 9259     | 4.615  | ug/l   | 91       |
| 69) o-Xylene                  | 10.640 | 106  | 4212     | 2.213  | ug/l   | 91       |
| 70) Styrene                   | 10.659 | 104  | 6726     | 2.097  | ug/l   | 99       |
| 71) Bromoform                 | 10.799 | 173  | 1368     | 1.780  | ug/l # | 98       |
| 73) Isopropylbenzene          | 10.964 | 105  | 10218    | 2.106  | ug/l   | 96       |
| 74) N-amyl acetate            | 10.842 | 43   | 4030     | 1.825  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 4053     | 2.222  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 11.244 | 75   | 4008     | 2.786  | ug/l   | 90       |
| 77) Bromobenzene              | 11.201 | 156  | 2423     | 2.165  | ug/l   | 89       |
| 78) n-propylbenzene           | 11.305 | 91   | 13208    | 2.213  | ug/l   | 96       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 8246     | 2.295  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 8878     | 2.129  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 38372    | 83.103 | ug/l # | 5        |
| 82) 4-Chlorotoluene           | 11.457 | 91   | 9852     | 2.389  | ug/l   | 95       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 9051     | 2.268  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 8417     | 2.023  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 11040    | 2.088  | ug/l   | 97       |
| 86) p-Isopropyltoluene        | 12.012 | 119  | 9179     | 2.126  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 4973     | 2.203  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 12.043 | 146  | 5574     | 2.412  | ug/l   | 86       |
| 89) n-Butylbenzene            | 12.335 | 91   | 8465     | 2.020  | ug/l   | 98       |
| 90) Hexachloroethane          | 12.536 | 117  | 1200     | 1.759  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 4736     | 2.176  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.945 | 75   | 742      | 1.795  | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene    | 13.591 | 180  | 3015     | 2.216  | ug/l   | 96       |
| 94) Hexachlorobutadiene       | 13.725 | 225  | 1180     | 2.202  | ug/l   | 91       |
| 95) Naphthalene               | 13.774 | 128  | 8678     | 1.878  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 2587     | 1.923  | ug/l   | 80       |

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Data File : VX040025.D  
Acq On : 30 Jan 2024 17:35  
Operator : JC/MD  
Sample : P1187-07 2.5PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 19 Sample Multiplier: 1

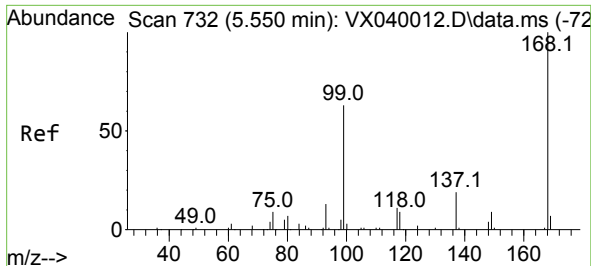
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Quant Time: Jan 31 06:43:34 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X013024W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 31 06:40:20 2024  
Response via : Initial Calibration

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

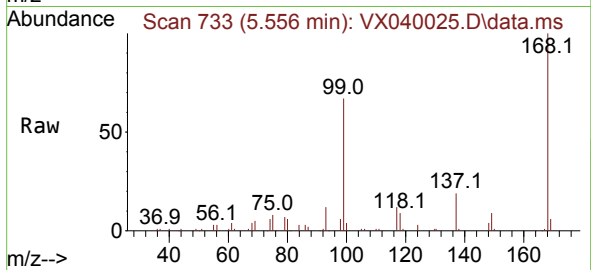
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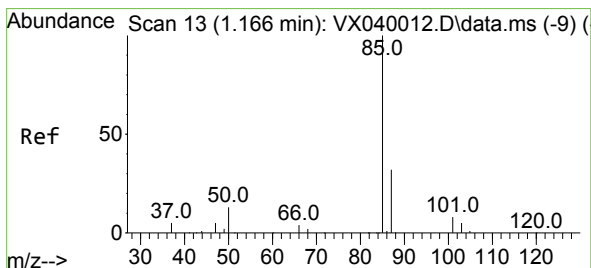
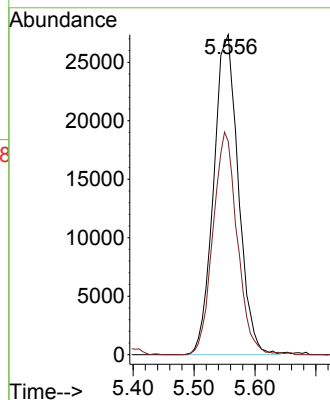
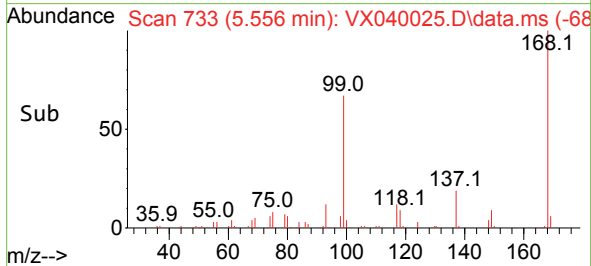


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

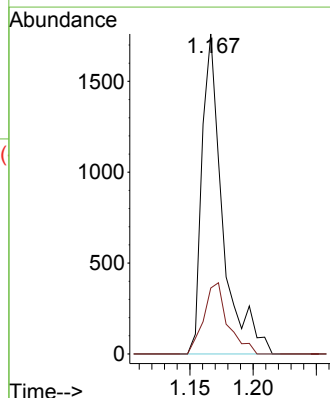
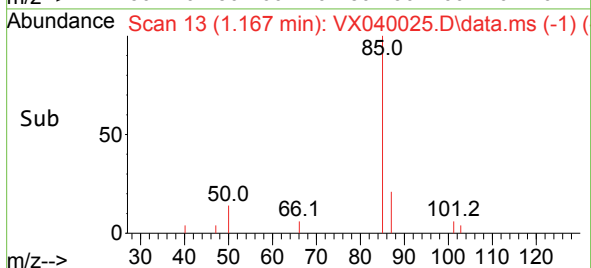
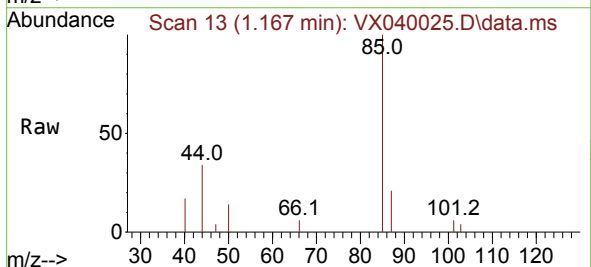


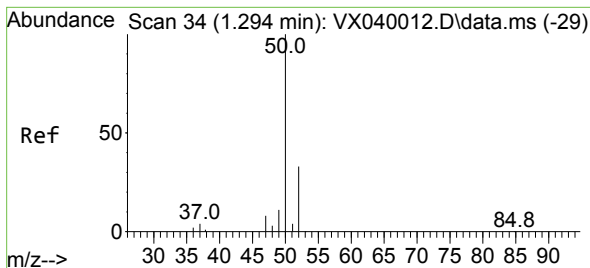
Tgt Ion:168 Resp: 77162  
Ion Ratio Lower Upper  
168 100  
99 66.7 56.6 85.0



#2  
Dichlorodifluoromethane  
Concen: 2.306 ug/l  
RT: 1.167 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 85 Resp: 2004  
Ion Ratio Lower Upper  
85 100  
87 20.6 16.7 50.1





#3

Chloromethane

Concen: 2.276 ug/l

RT: 1.295 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

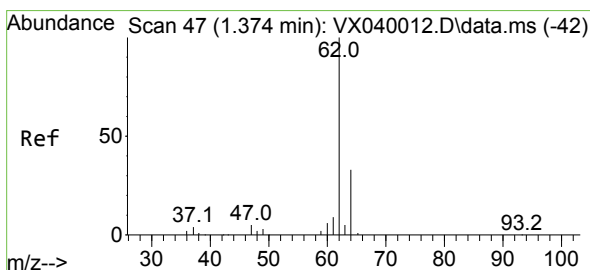
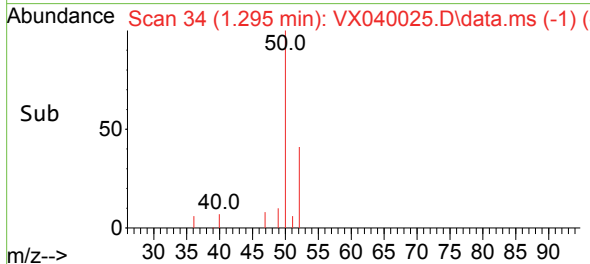
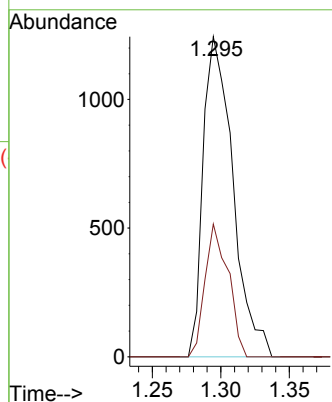
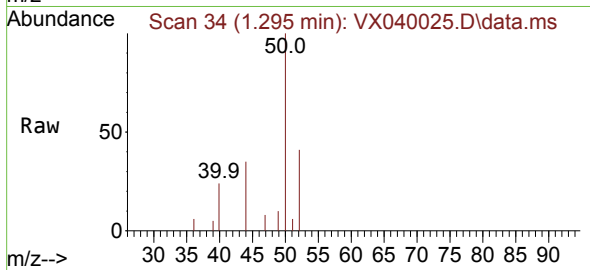
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 50 Resp: 1876

Ion Ratio Lower Upper

50 100

52 41.5 25.5 38.3#



#4

Vinyl Chloride

Concen: 2.534 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX040025.D

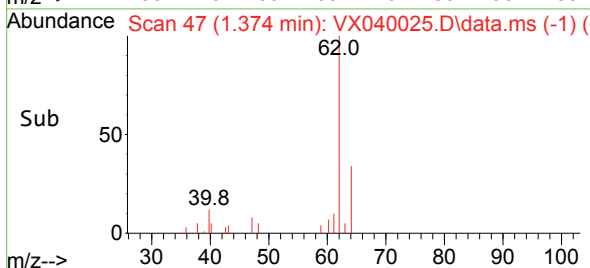
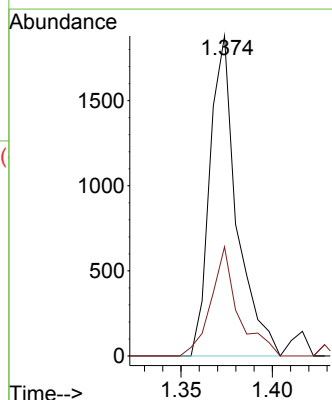
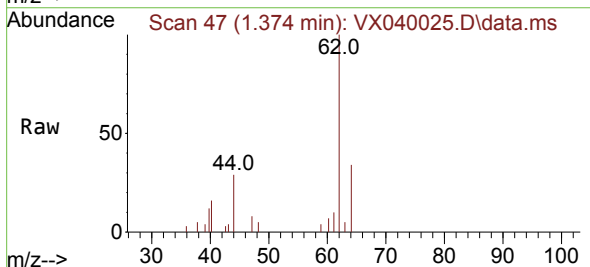
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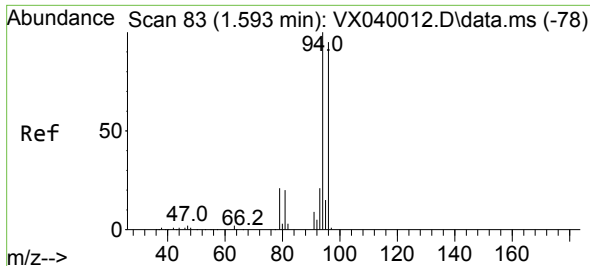
Tgt Ion: 62 Resp: 1932

Ion Ratio Lower Upper

62 100

64 34.1 25.4 38.0

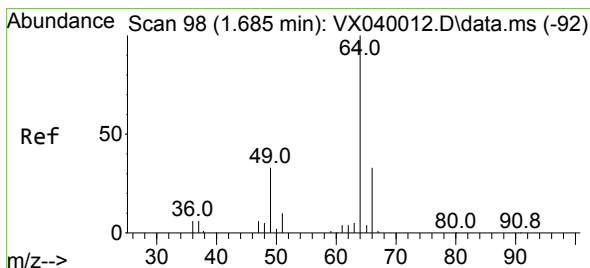
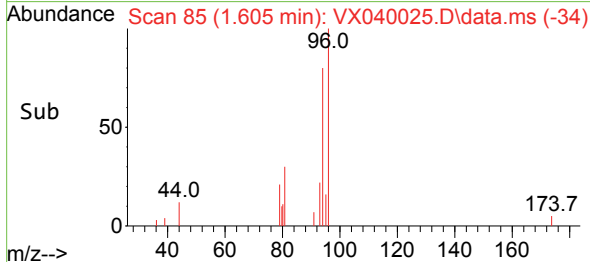
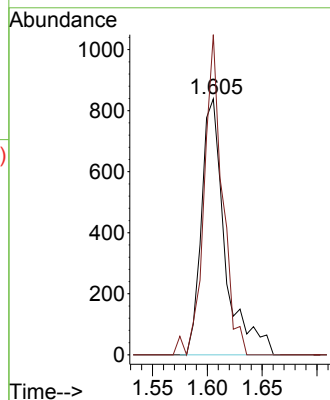
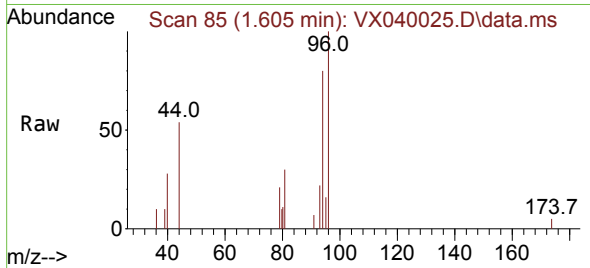




#5  
Bromomethane  
Concen: 1.695 ug/l  
RT: 1.605 min Scan# 81  
Delta R.T. 0.012 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

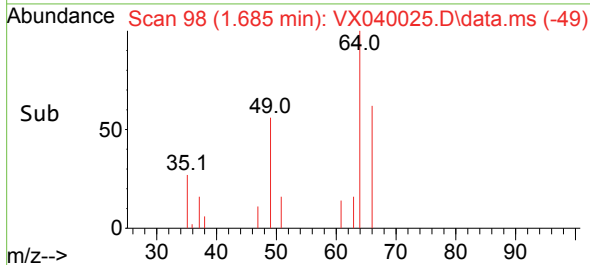
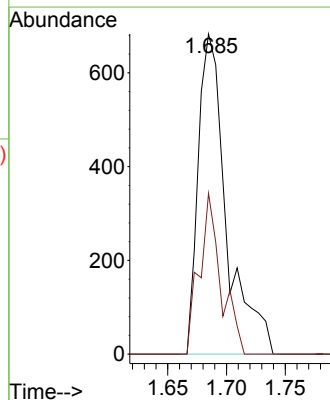
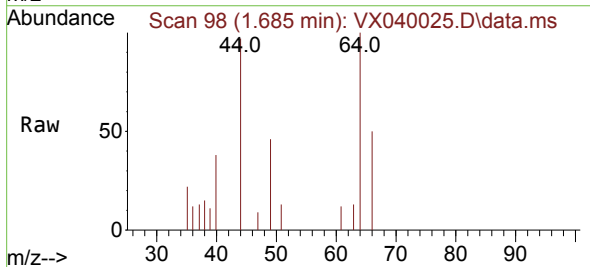
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 94 Resp: 1256  
Ion Ratio Lower Upper  
94 100  
96 125.0 74.6 111.8#



#6  
Chloroethane  
Concen: 2.277 ug/l  
RT: 1.685 min Scan# 98  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 64 Resp: 1146  
Ion Ratio Lower Upper  
64 100  
66 50.2 25.1 37.7#

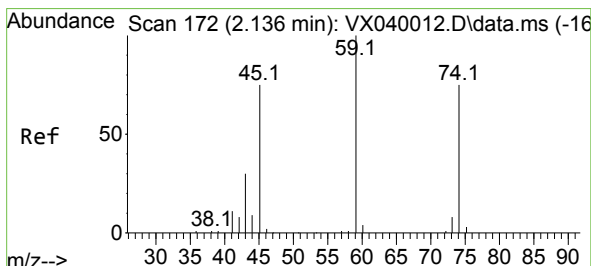
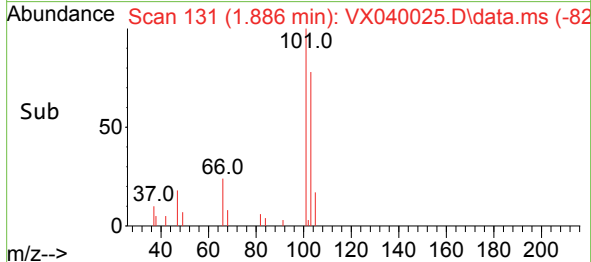
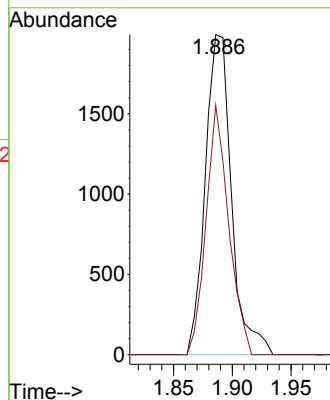
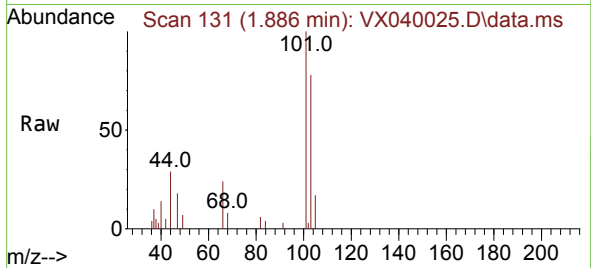




#7  
Trichlorofluoromethane  
Concen: 2.553 ug/l  
RT: 1.886 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

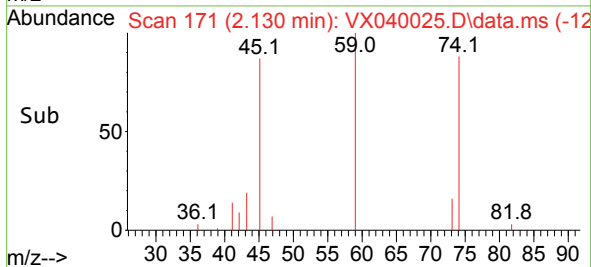
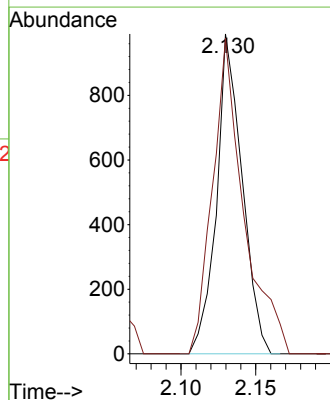
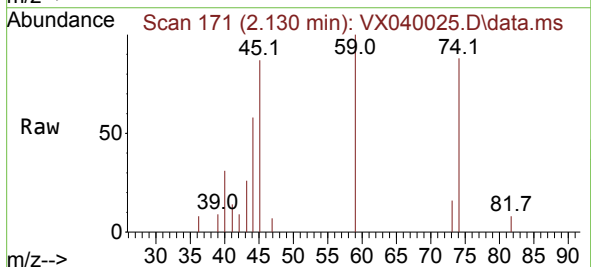
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

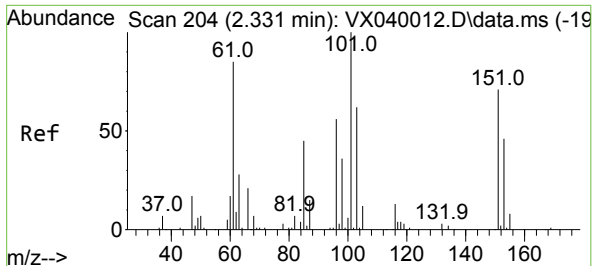
Tgt Ion:101 Resp: 3096  
Ion Ratio Lower Upper  
101 100  
103 78.0 51.4 77.2#



#8  
Diethyl Ether  
Concen: 2.747 ug/l  
RT: 2.130 min Scan# 171  
Delta R.T. -0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 74 Resp: 1178  
Ion Ratio Lower Upper  
74 100  
45 120.2 53.3 159.8

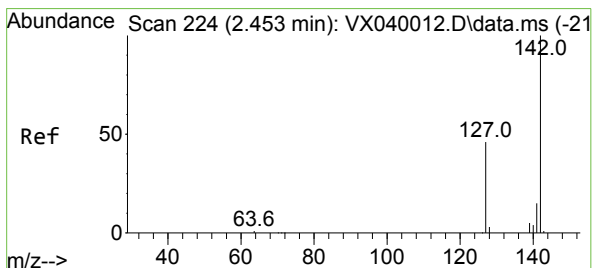
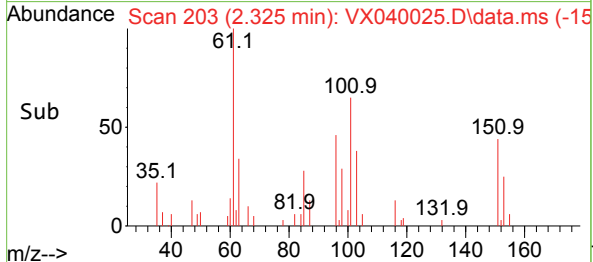
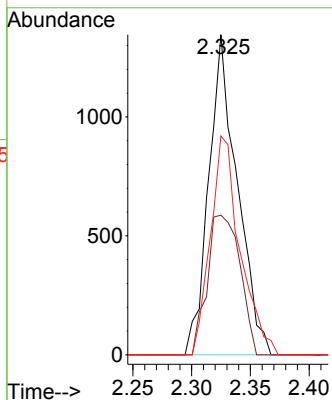
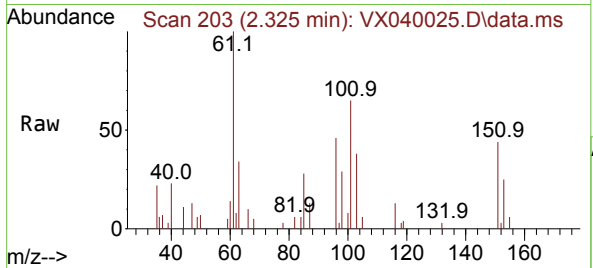




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.515 ug/l  
RT: 2.325 min Scan# 204  
Delta R.T. -0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

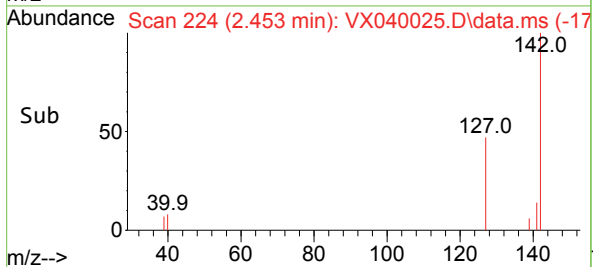
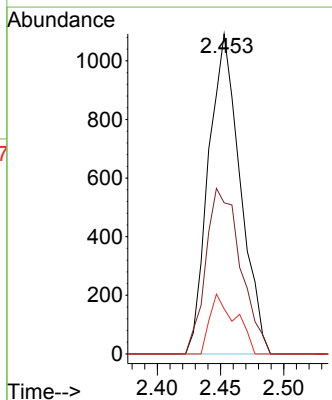
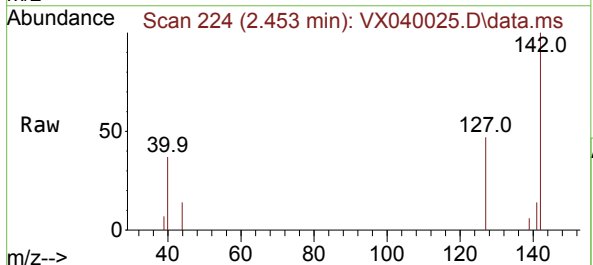
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

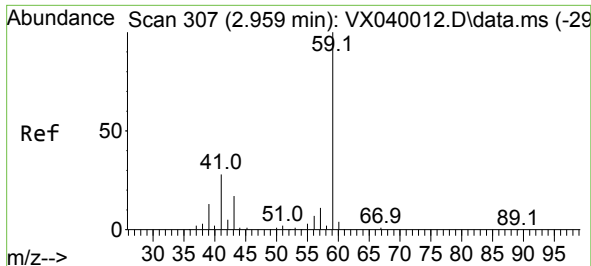
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:101 | Resp: | 2276        |
| Ion         | Ratio | Lower Upper |
| 101         | 100   |             |
| 85          | 49.9  | 37.0 55.6   |
| 151         | 70.9  | 58.6 87.8   |



#10  
Methyl Iodide  
Concen: 1.977 ug/l  
RT: 2.453 min Scan# 224  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:142 | Resp: | 1904        |
| Ion         | Ratio | Lower Upper |
| 142         | 100   |             |
| 127         | 56.7  | 41.6 62.4   |
| 141         | 15.2  | 11.6 17.4   |





#11

Tert butyl alcohol

Concen: 12.702 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

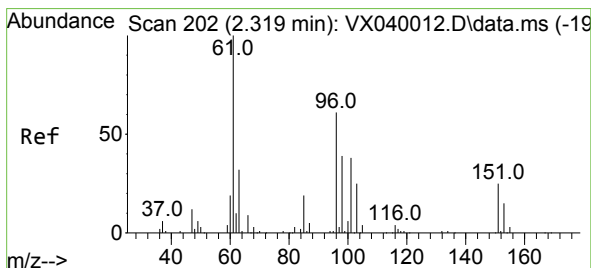
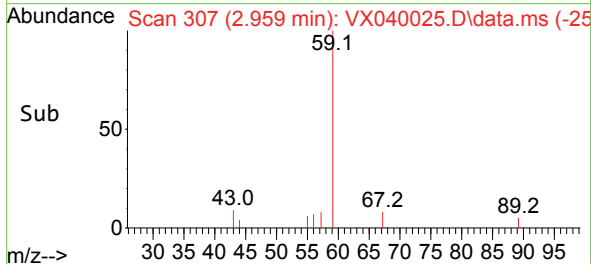
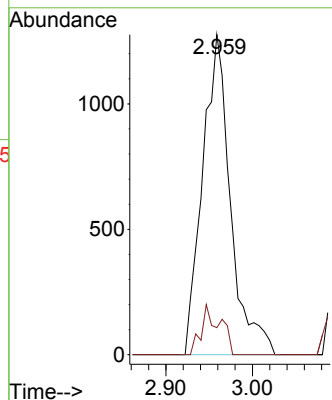
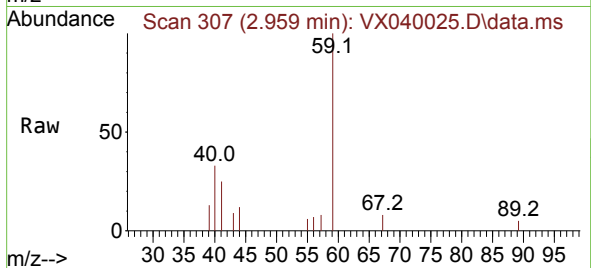
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 59 Resp: 2862

Ion Ratio Lower Upper

59 100

57 10.5 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 2.292 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

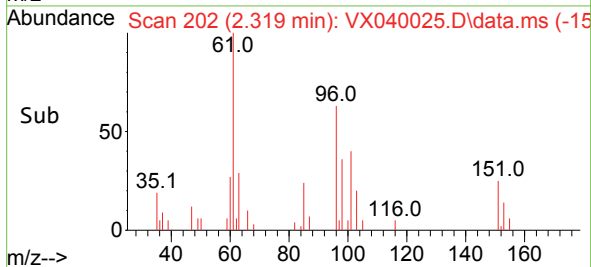
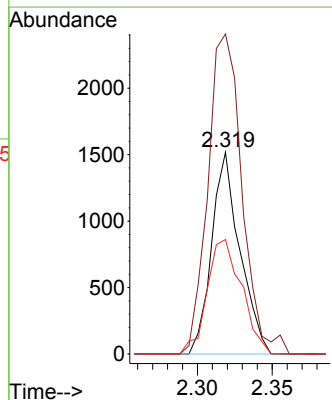
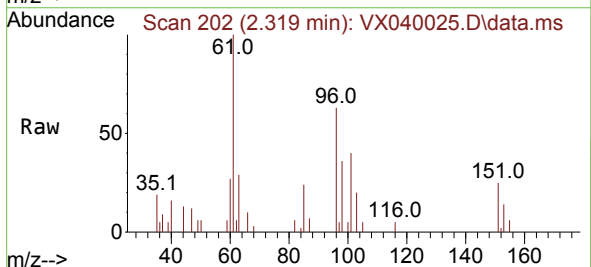
Tgt Ion: 96 Resp: 1989

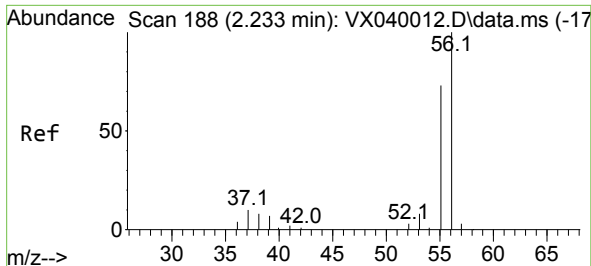
Ion Ratio Lower Upper

96 100

61 158.6 144.6 216.8

98 56.7 50.4 75.6

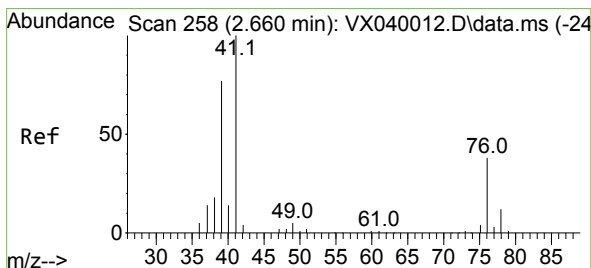
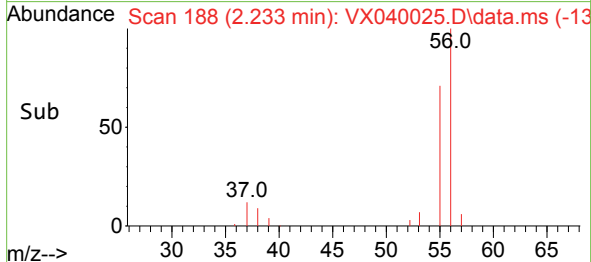
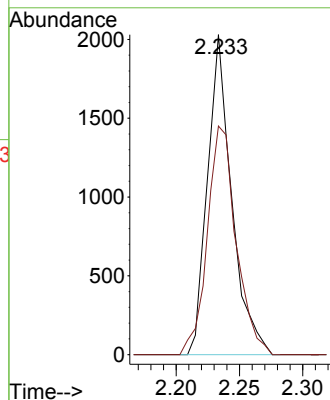
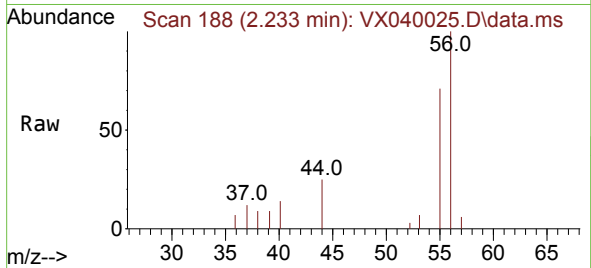




#13  
Acrolein  
Concen: 12.488 ug/l  
RT: 2.233 min Scan# 188  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

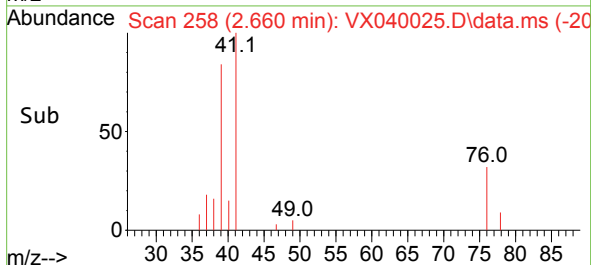
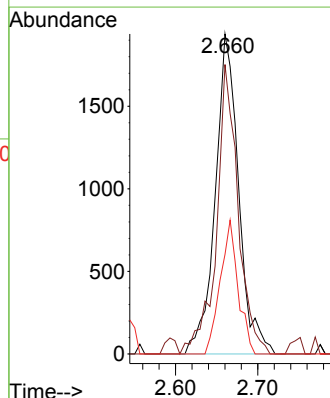
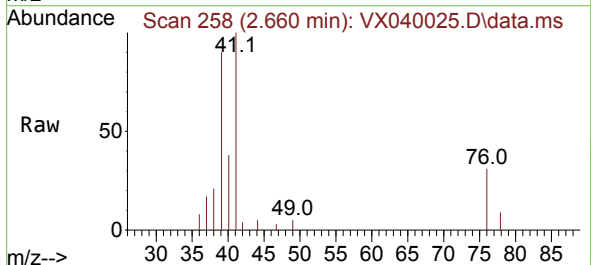
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

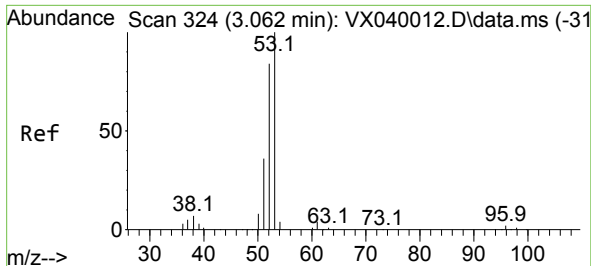
Tgt Ion: 56 Resp: 2696  
Ion Ratio Lower Upper  
56 100  
55 85.1 57.1 85.7



#14  
Allyl chloride  
Concen: 2.459 ug/l  
RT: 2.660 min Scan# 258  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 41 Resp: 3847  
Ion Ratio Lower Upper  
41 100  
39 83.2 55.8 83.6  
76 31.7 24.3 36.5

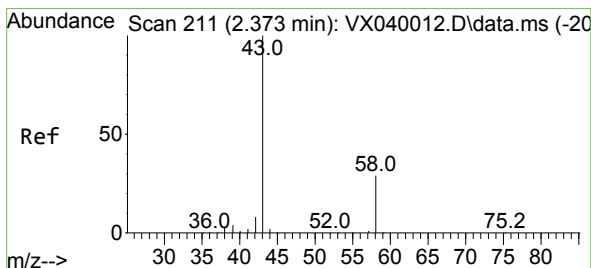
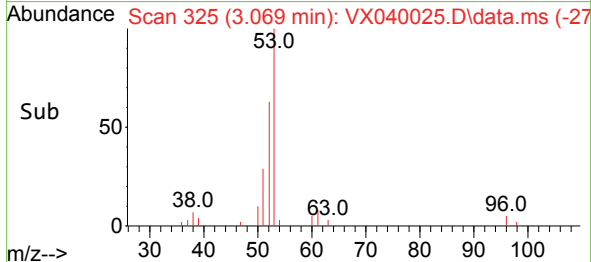
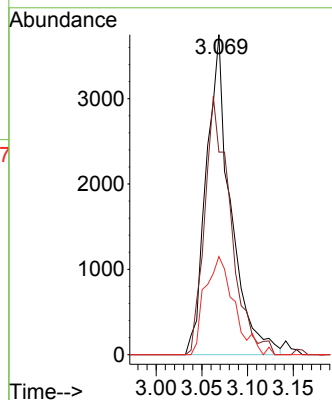
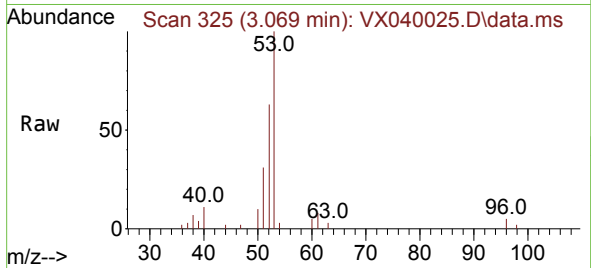




#15  
Acrylonitrile  
Concen: 12.283 ug/l  
RT: 3.069 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

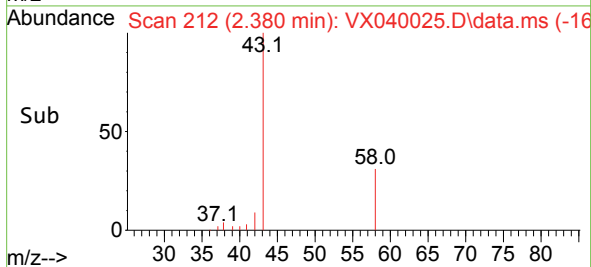
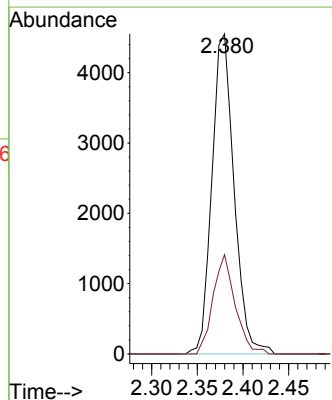
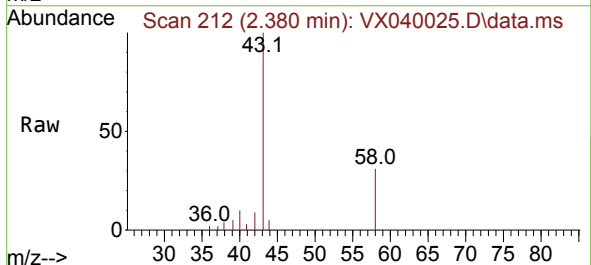
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

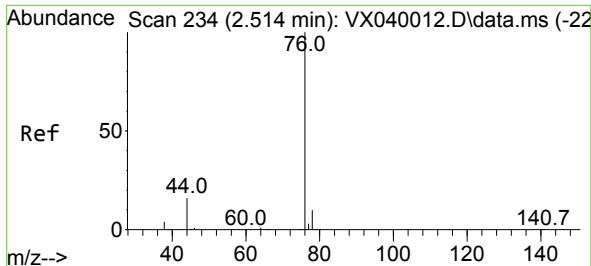
Tgt Ion: 53 Resp: 6933  
Ion Ratio Lower Upper  
53 100  
52 85.7 66.0 99.0  
51 36.8 29.8 44.6



#16  
Acetone  
Concen: 13.209 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 43 Resp: 7686  
Ion Ratio Lower Upper  
43 100  
58 31.0 21.9 32.9

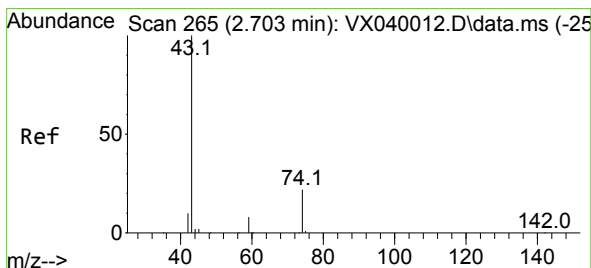
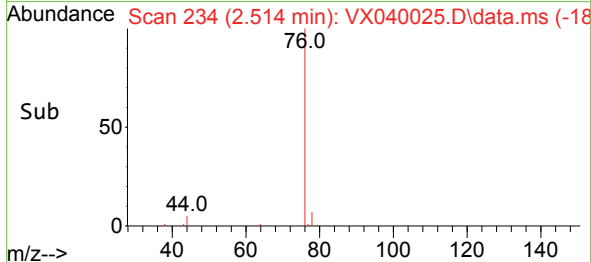
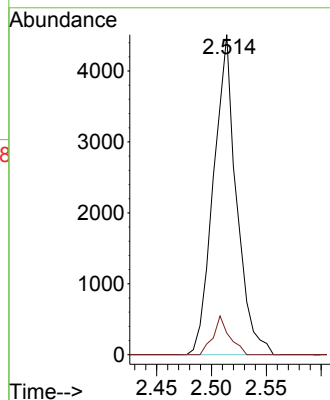
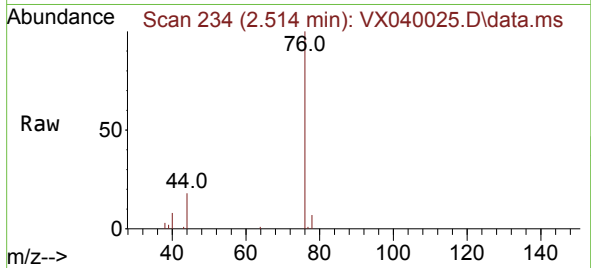




#17  
Carbon Disulfide  
Concen: 2.597 ug/l  
RT: 2.514 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

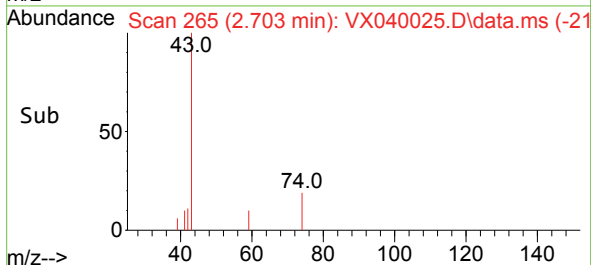
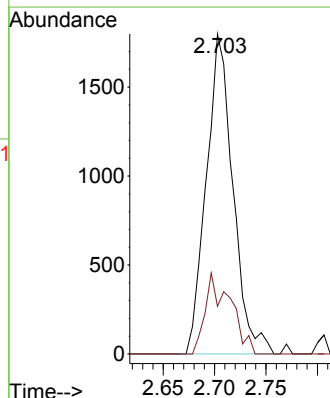
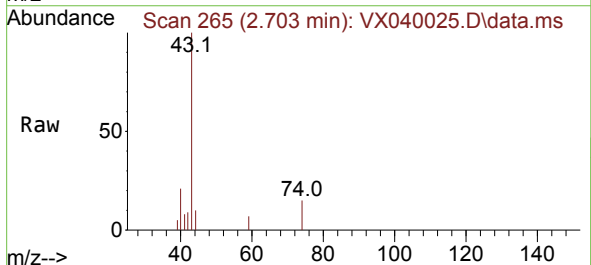
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

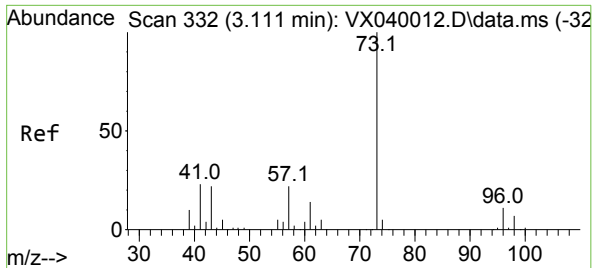
Tgt Ion: 76 Resp: 6590  
Ion Ratio Lower Upper  
76 100  
78 6.7 7.0 10.6#



#18  
Methyl Acetate  
Concen: 2.356 ug/l  
RT: 2.703 min Scan# 265  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 43 Resp: 3247  
Ion Ratio Lower Upper  
43 100  
74 24.0 17.8 26.8

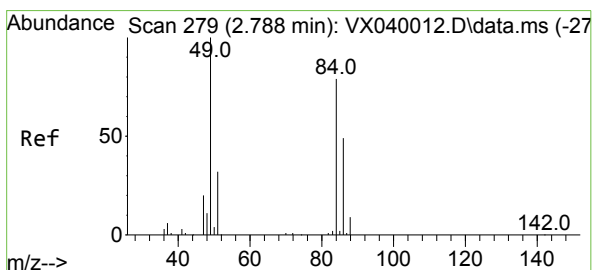
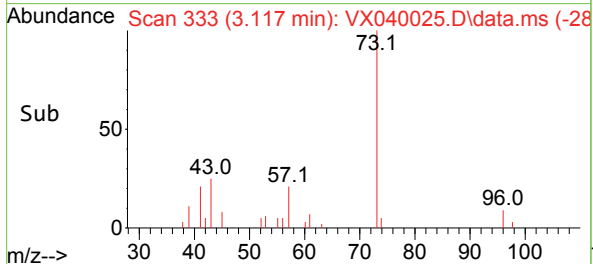
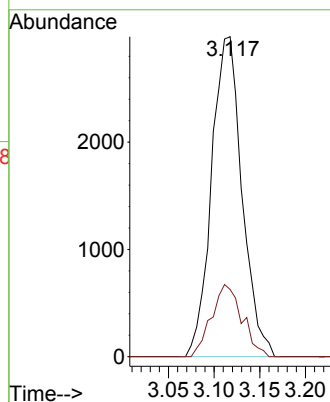
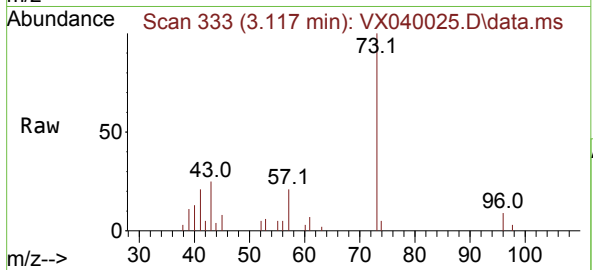




#19  
Methyl tert-butyl Ether  
Concen: 2.325 ug/l  
RT: 3.117 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

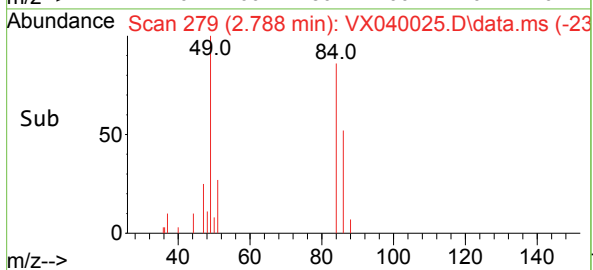
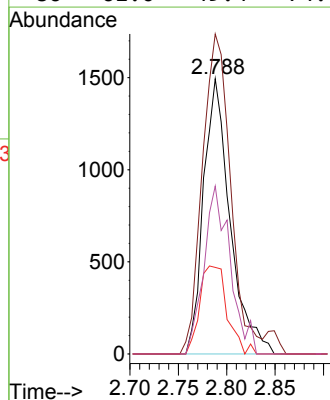
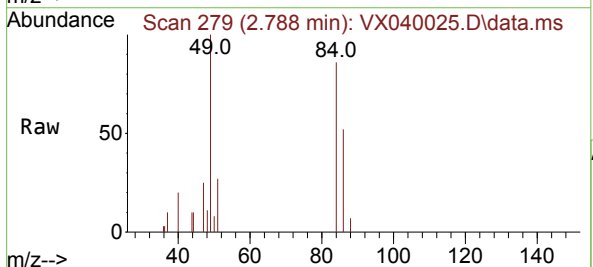
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 73 Resp: 6911  
Ion Ratio Lower Upper  
73 100  
57 21.0 17.3 25.9



#20  
Methylene Chloride  
Concen: 2.761 ug/l  
RT: 2.788 min Scan# 279  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 84 Resp: 2855  
Ion Ratio Lower Upper  
84 100  
49 116.3 103.6 155.4  
51 31.5 33.8 50.6#  
86 61.0 49.4 74.0

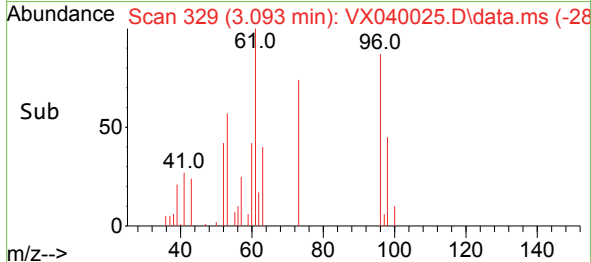
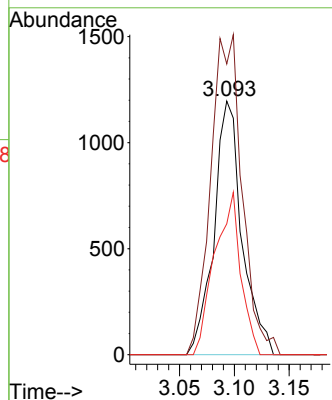
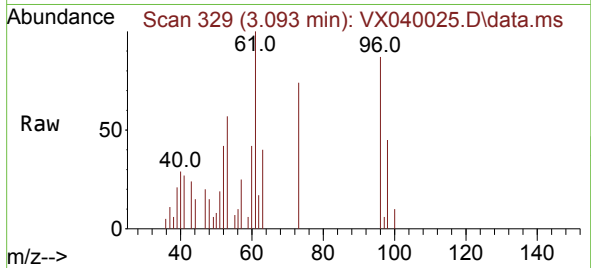




#21  
trans-1,2-Dichloroethene  
Concen: 2.229 ug/l  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

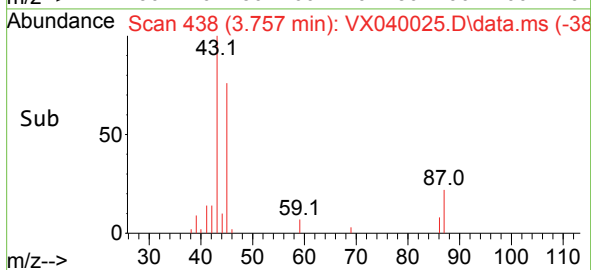
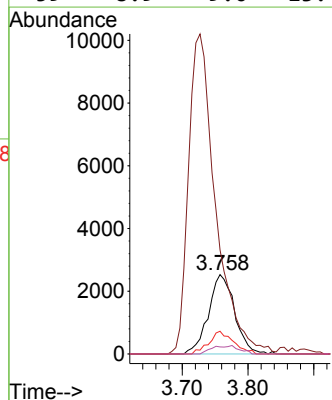
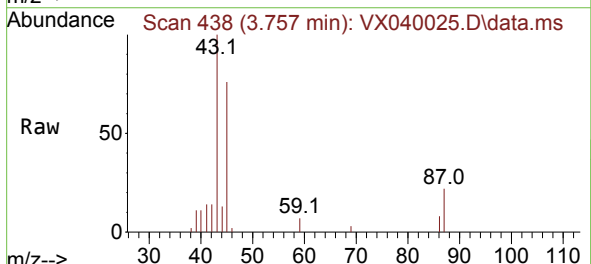
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

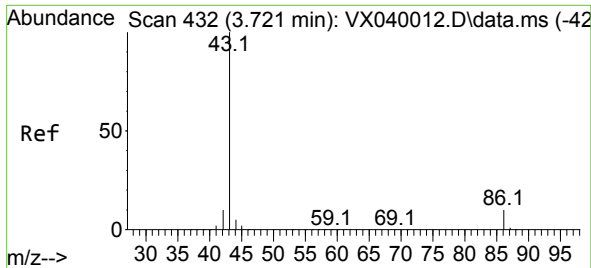
Tgt Ion: 96 Resp: 2130  
Ion Ratio Lower Upper  
96 100  
61 114.6 119.2 178.8#  
98 51.6 48.7 73.1



#22  
Diisopropyl ether  
Concen: 2.314 ug/l  
RT: 3.757 min Scan# 438  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 45 Resp: 7013  
Ion Ratio Lower Upper  
45 100  
43 123.1 69.7 104.5#  
87 28.7 20.8 31.2  
59 8.9 9.0 13.4#

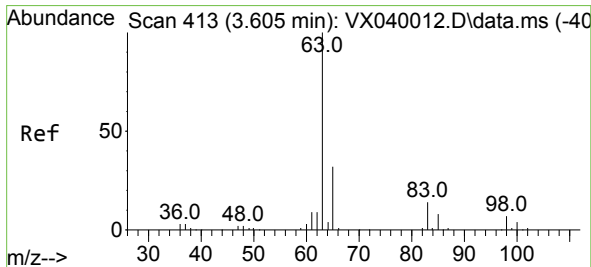
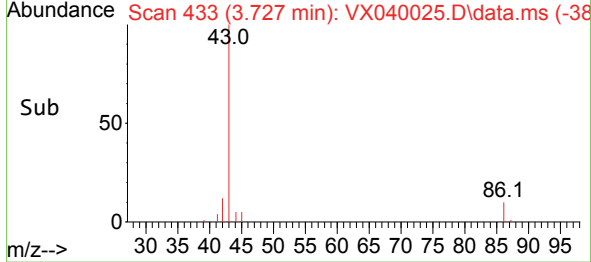
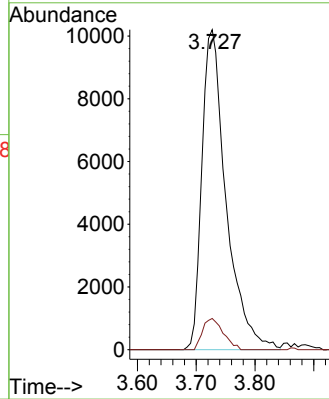
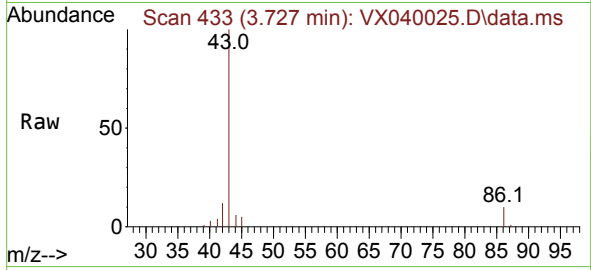




#23  
 Vinyl Acetate  
 Concen: 10.759 ug/l  
 RT: 3.727 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

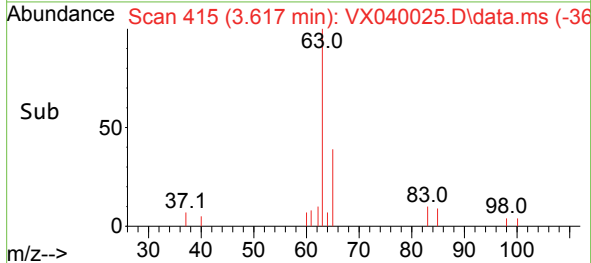
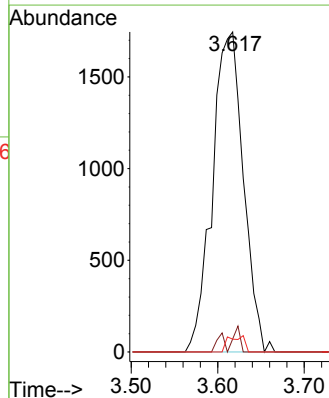
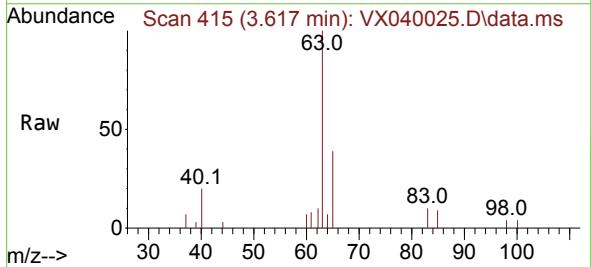
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

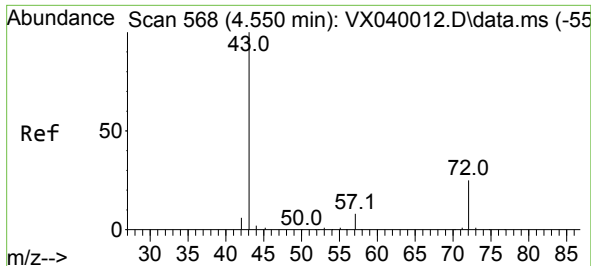
Tgt Ion: 43 Resp: 29178  
 Ion Ratio Lower Upper  
 43 100  
 86 9.8 7.8 11.8



#24  
 1,1-Dichloroethane  
 Concen: 2.505 ug/l  
 RT: 3.617 min Scan# 415  
 Delta R.T. 0.012 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

Tgt Ion: 63 Resp: 4347  
 Ion Ratio Lower Upper  
 63 100  
 98 4.1 3.3 9.8  
 100 4.0 2.1 6.5

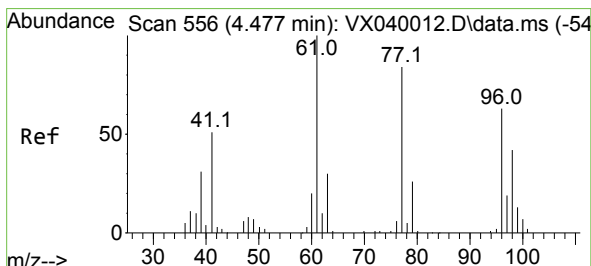
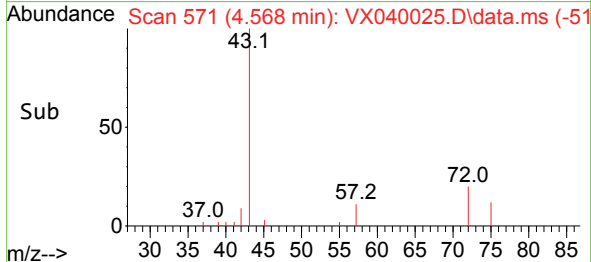
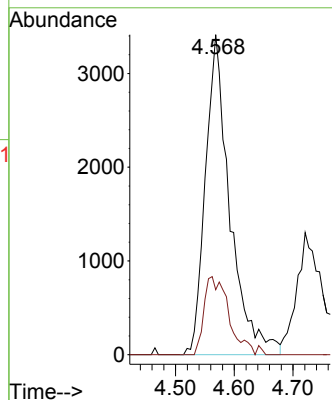
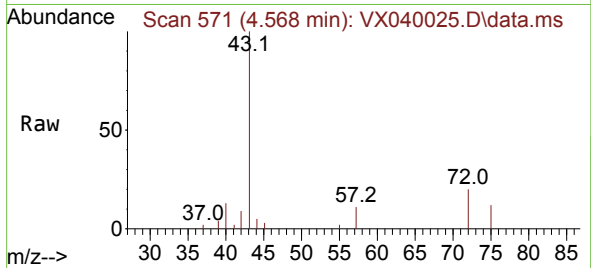




#25  
2-Butanone  
Concen: 12.201 ug/l  
RT: 4.568 min Scan# 51  
Delta R.T. 0.018 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

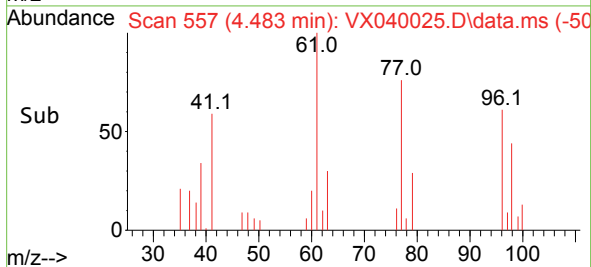
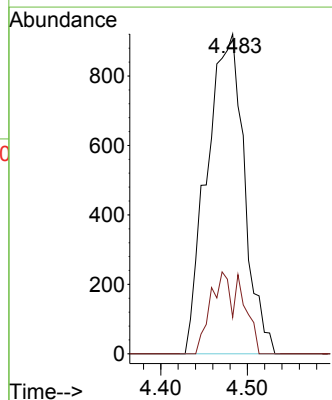
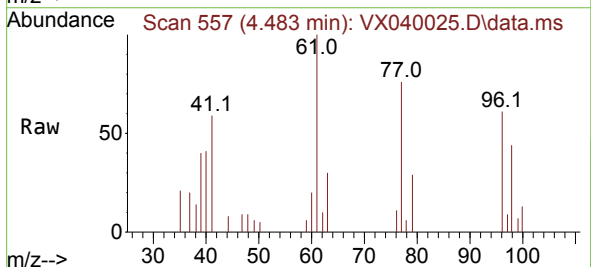
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

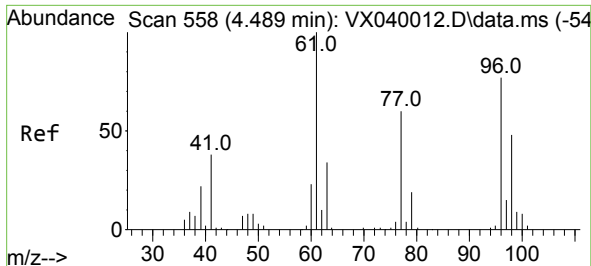
Tgt Ion: 43 Resp: 9869  
Ion Ratio Lower Upper  
43 100  
72 20.3 19.4 29.2



#26  
2,2-Dichloropropane  
Concen: 2.031 ug/l  
RT: 4.483 min Scan# 557  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 77 Resp: 2750  
Ion Ratio Lower Upper  
77 100  
97 14.0 10.8 32.3

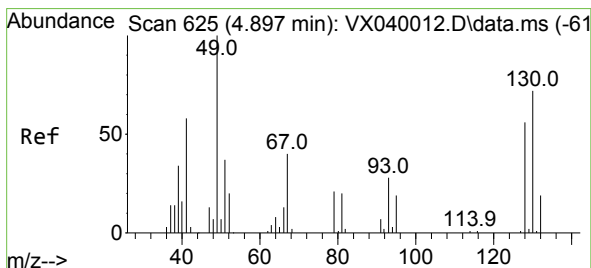
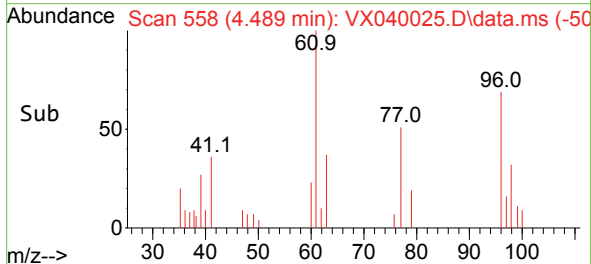
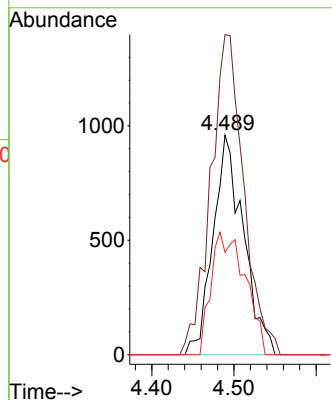
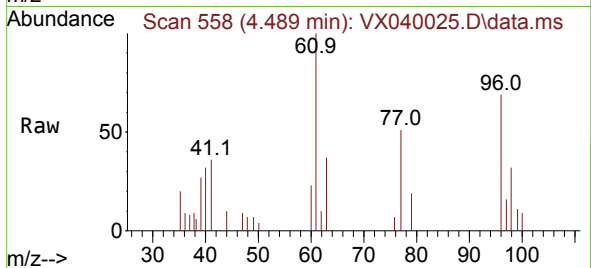




#27  
 cis-1,2-Dichloroethene  
 Concen: 2.316 ug/l  
 RT: 4.489 min Scan# 51  
 Delta R.T. 0.000 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

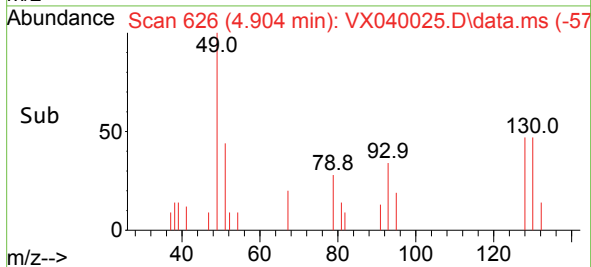
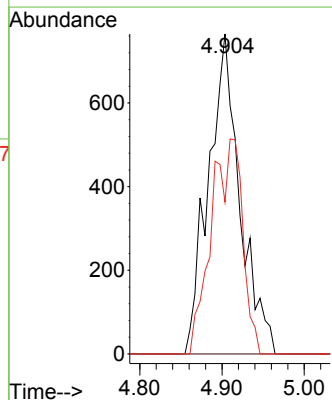
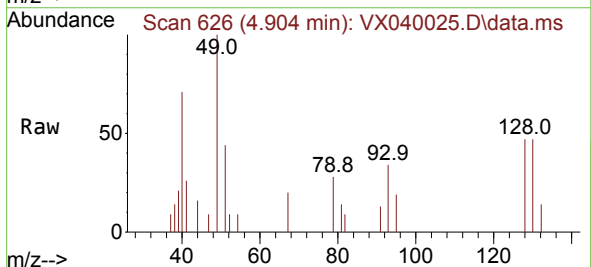
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

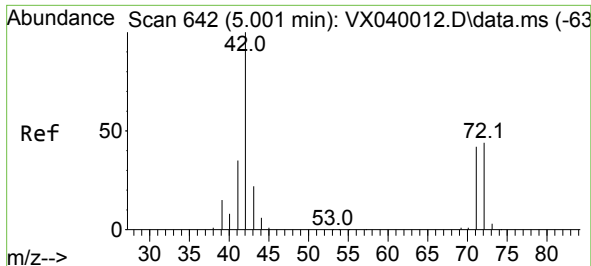
Tgt Ion: 96 Resp: 2470  
 Ion Ratio Lower Upper  
 96 100  
 61 158.2 0.0 312.2  
 98 62.1 0.0 129.0



#28  
 Bromochloromethane  
 Concen: 2.517 ug/l  
 RT: 4.904 min Scan# 626  
 Delta R.T. 0.006 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

Tgt Ion: 49 Resp: 2037  
 Ion Ratio Lower Upper  
 49 100  
 129 0.0 0.0 3.8  
 130 32.5 57.5 86.3#





#29

Tetrahydrofuran

Concen: 12.192 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

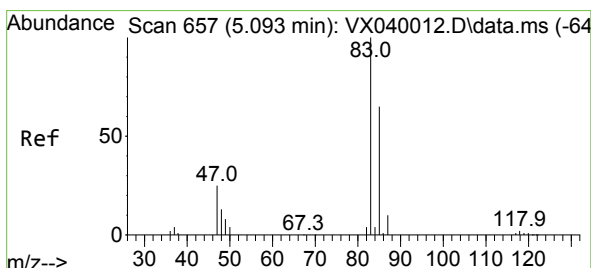
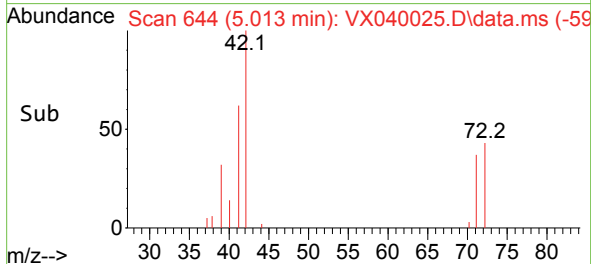
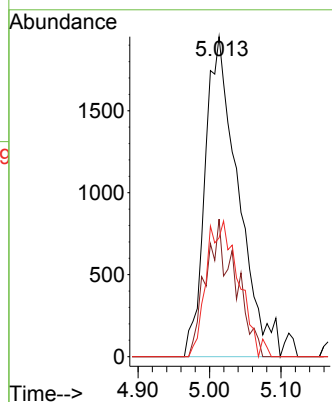
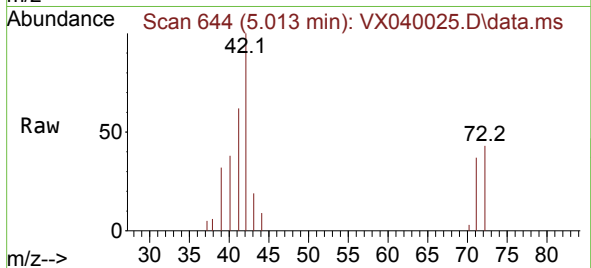
Tgt Ion: 42 Resp: 6270

Ion Ratio Lower Upper

42 100

72 38.2 34.2 51.4

71 41.7 32.2 48.2



#30

Chloroform

Concen: 2.336 ug/l

RT: 5.087 min Scan# 656

Delta R.T. -0.006 min

Lab File: VX040025.D

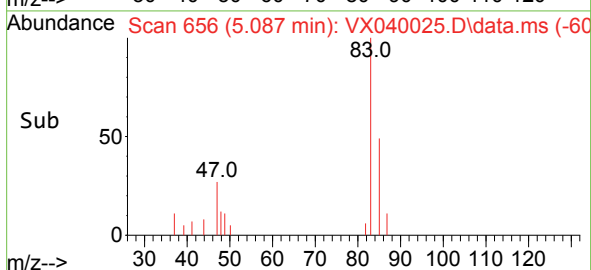
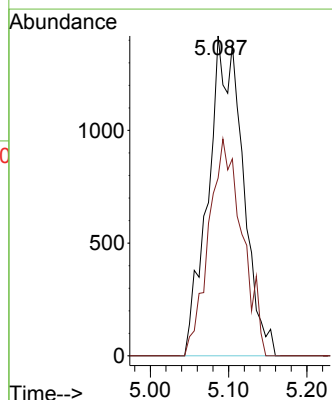
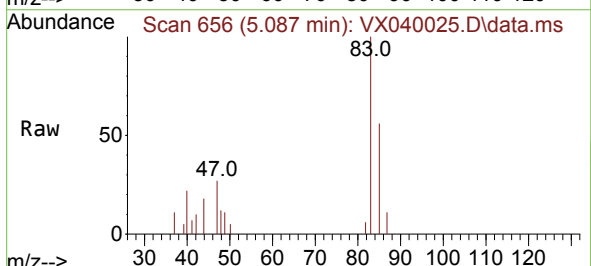
Acq: 30 Jan 2024 17:35

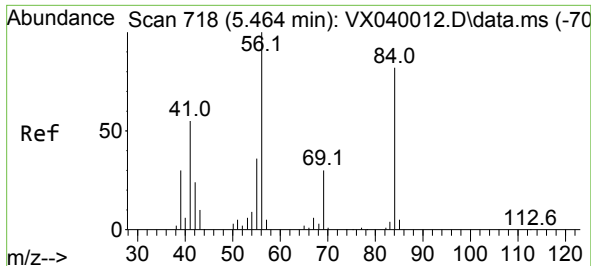
Tgt Ion: 83 Resp: 4353

Ion Ratio Lower Upper

83 100

85 55.6 50.3 75.5

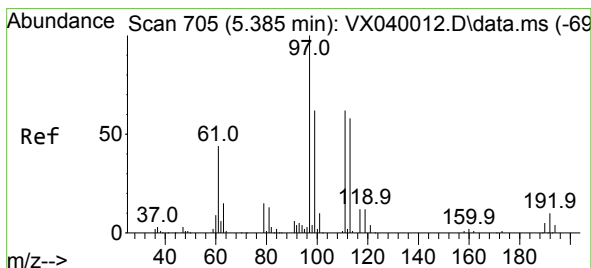
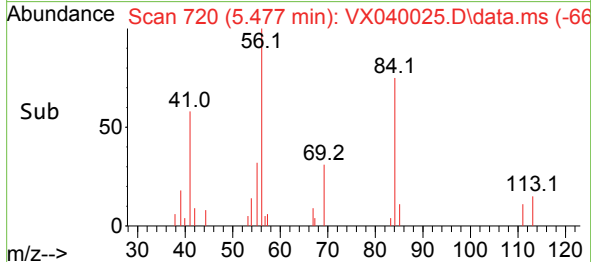
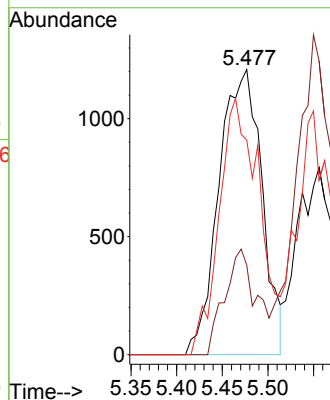
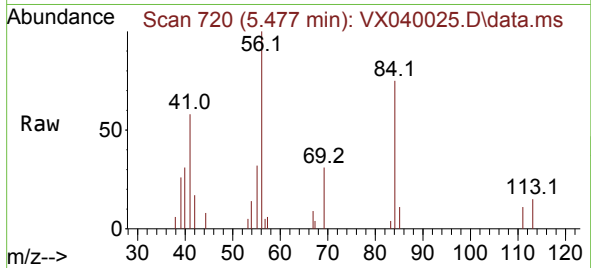




#31  
Cyclohexane  
Concen: 2.536 ug/l  
RT: 5.477 min Scan# 718  
Delta R.T. 0.012 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

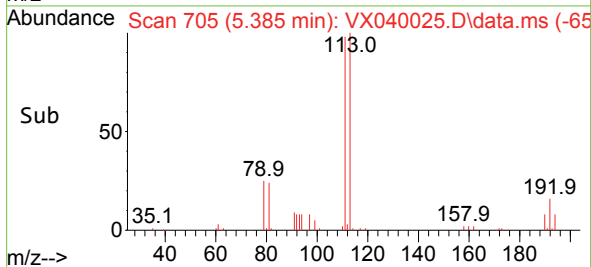
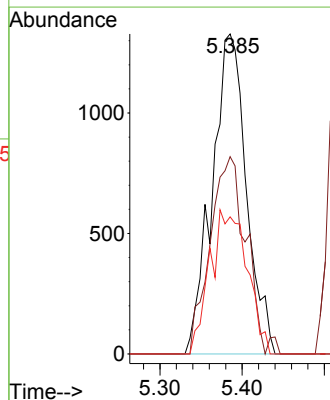
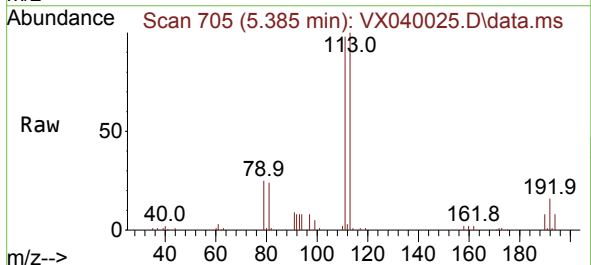
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

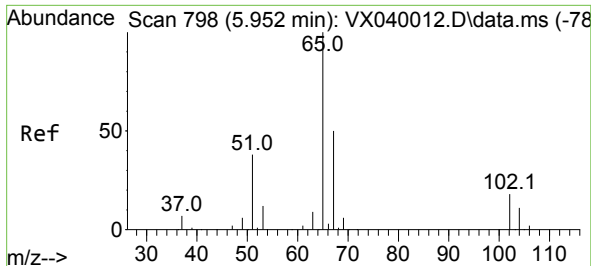
Tgt Ion: 56 Resp: 3945  
Ion Ratio Lower Upper  
56 100  
69 31.4 23.4 35.2  
84 75.2 65.9 98.9



#32  
1,1,1-Trichloroethane  
Concen: 2.412 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 97 Resp: 3858  
Ion Ratio Lower Upper  
97 100  
99 63.5 51.1 76.7  
61 48.8 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.733 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

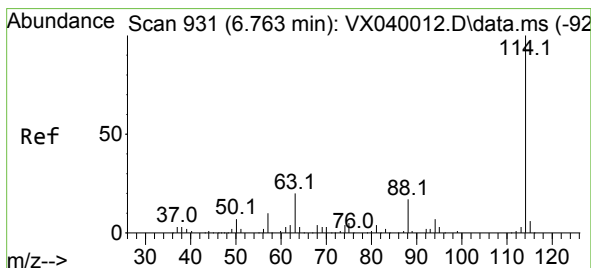
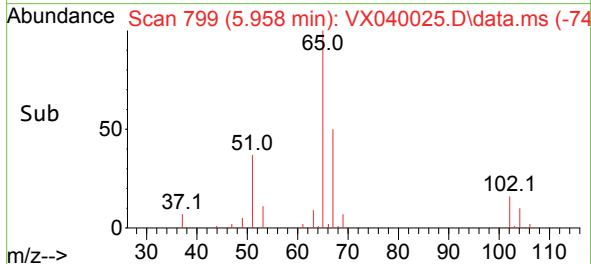
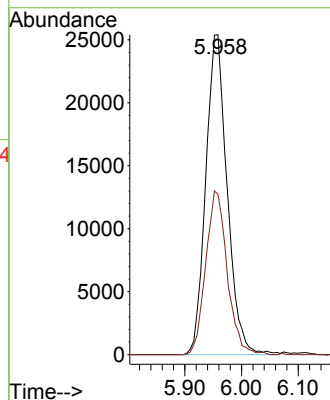
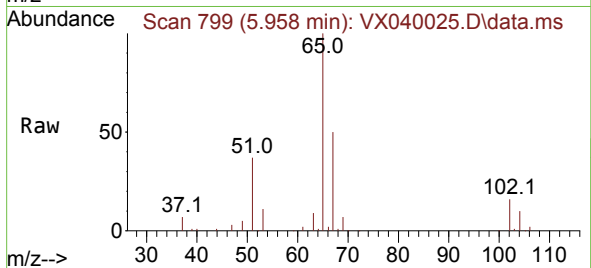
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 65 Resp: 66727

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

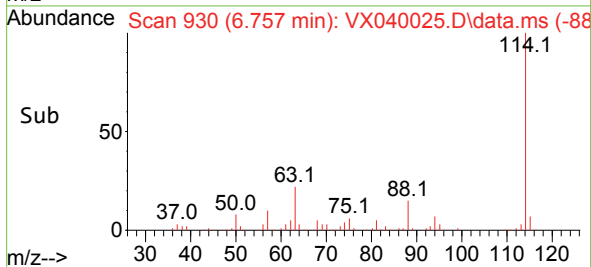
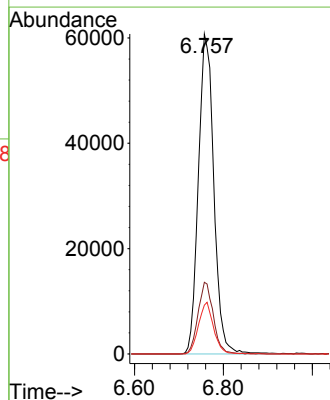
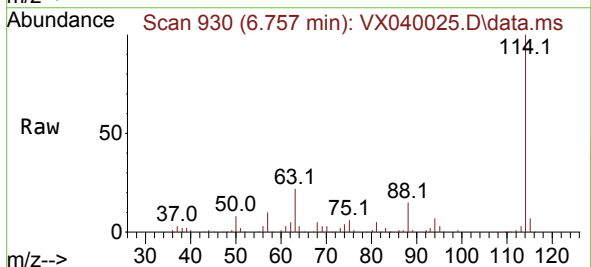
Tgt Ion:114 Resp: 146950

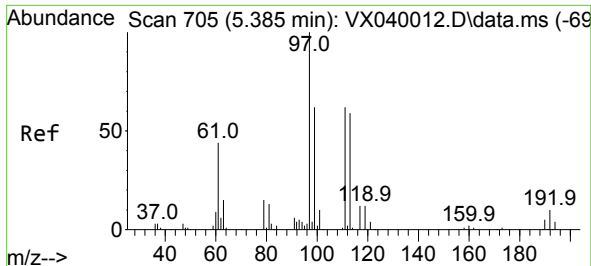
Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

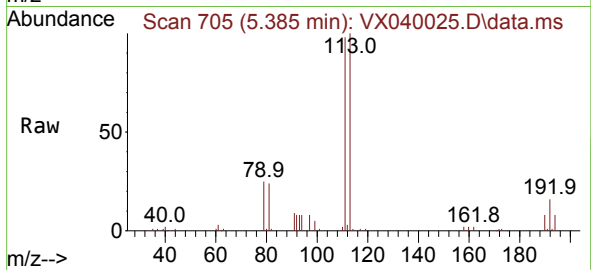
88 15.3 0.0 36.6



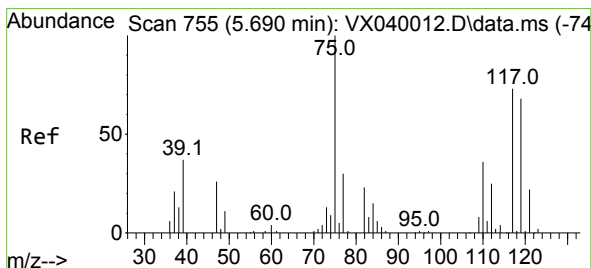
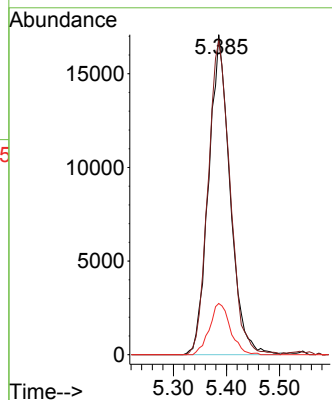
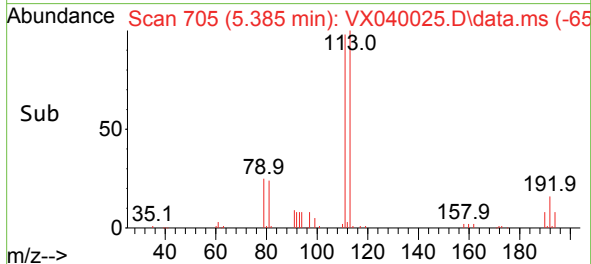


#35  
Dibromofluoromethane  
Concen: 47.838 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

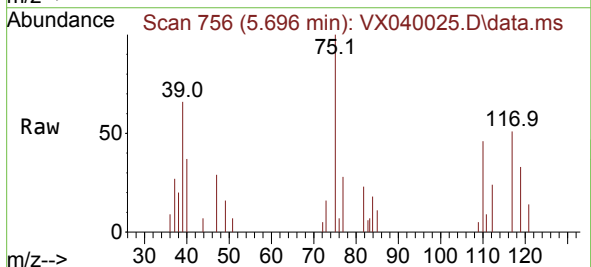
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024



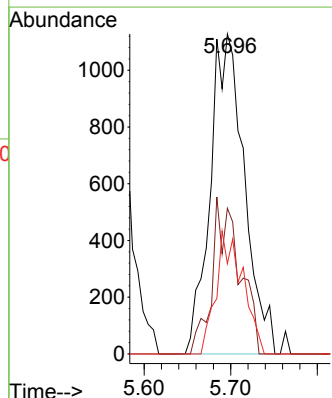
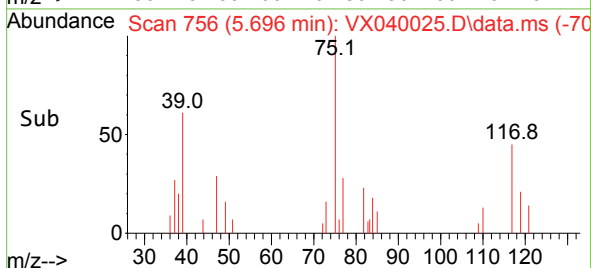
Tgt Ion:113 Resp: 47854  
Ion Ratio Lower Upper  
113 100  
111 100.9 82.9 124.3  
192 15.6 13.3 19.9

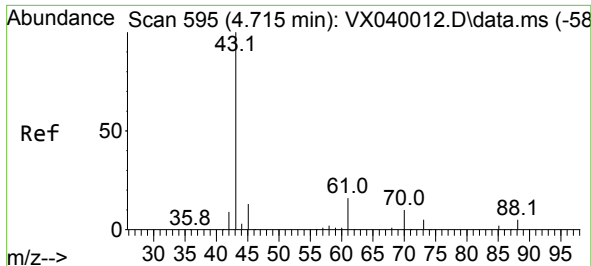


#36  
1,1-Dichloropropene  
Concen: 2.142 ug/l  
RT: 5.696 min Scan# 756  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35



Tgt Ion: 75 Resp: 3099  
Ion Ratio Lower Upper  
75 100  
110 39.1 17.0 50.9  
77 29.8 24.7 37.1





#37

Ethyl Acetate

Concen: 2.029 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX040025.D

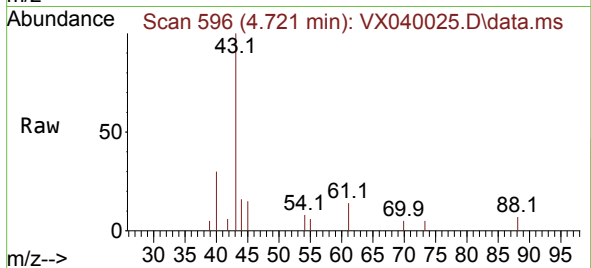
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



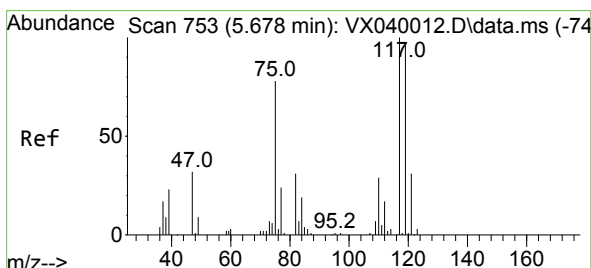
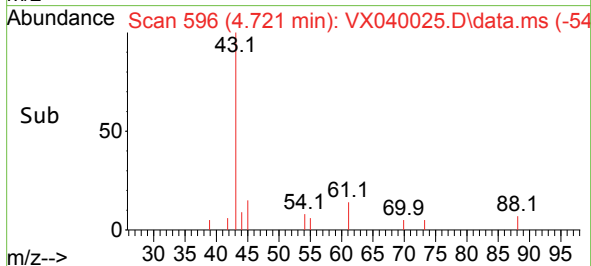
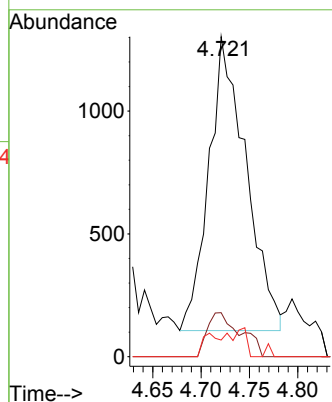
Tgt Ion: 43 Resp: 3206

Ion Ratio Lower Upper

43 100

61 13.3 10.6 16.0

70 3.6 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 2.090 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

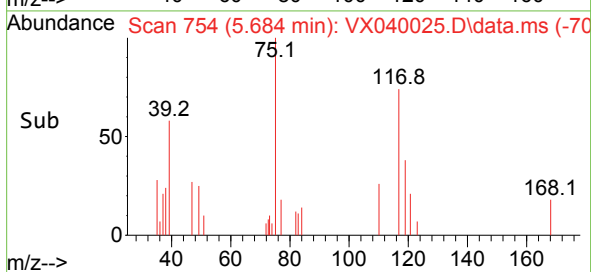
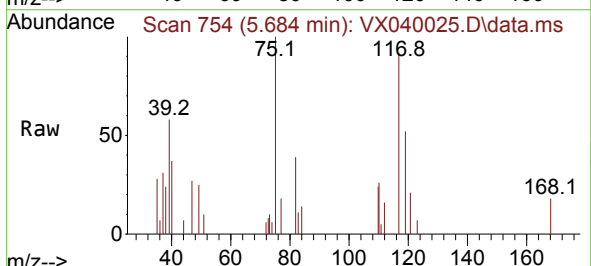
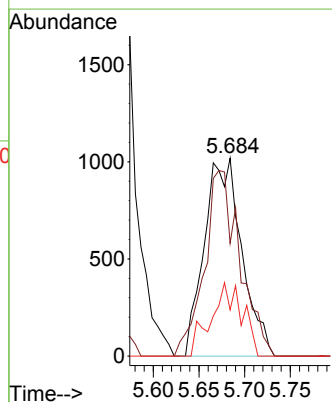
Tgt Ion: 117 Resp: 2893

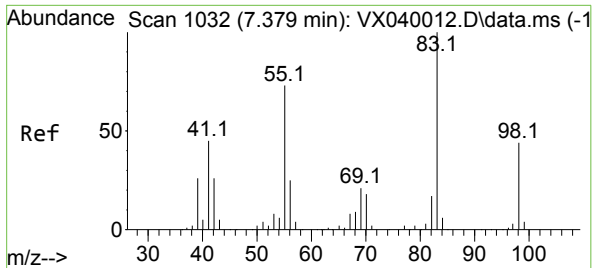
Ion Ratio Lower Upper

117 100

119 56.9 78.2 117.2#

121 23.4 24.4 36.6#





#39

Methylcyclohexane

Concen: 2.236 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX040025.D

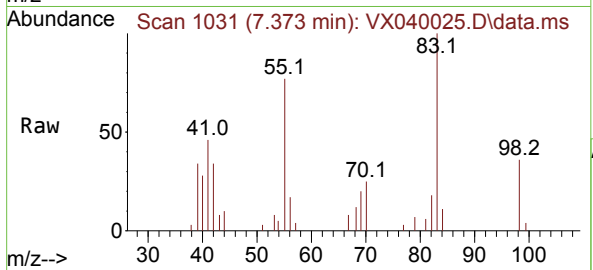
Acq: 30 Jan 2024 17:35

Instrument :

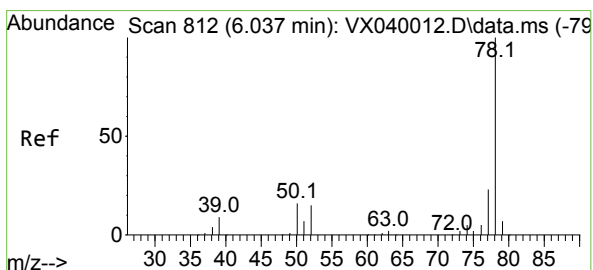
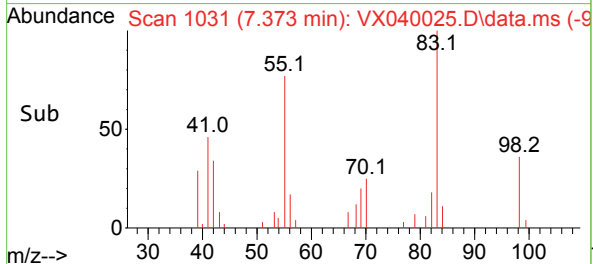
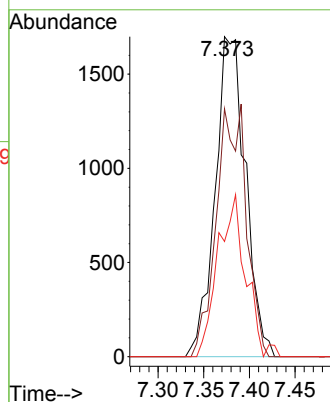
MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



|             |                 |
|-------------|-----------------|
| Tgt Ion: 83 | Resp: 3935      |
| Ion Ratio   | Lower Upper     |
| 83          | 100             |
| 55          | 77.5 64.6 97.0  |
| 98          | 36.0 36.7 55.1# |



#40

Benzene

Concen: 2.226 ug/l

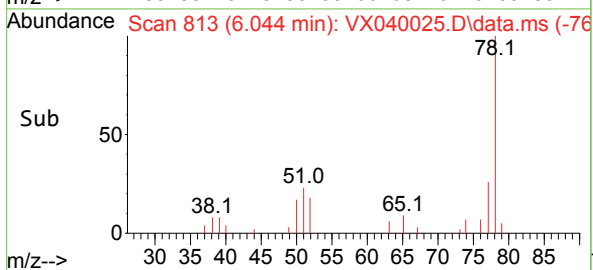
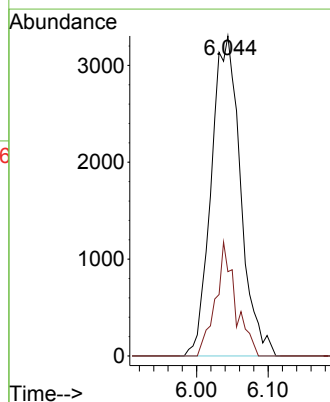
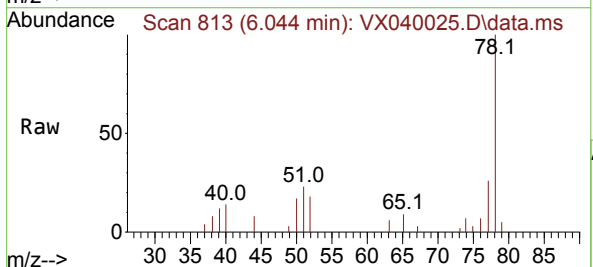
RT: 6.044 min Scan# 813

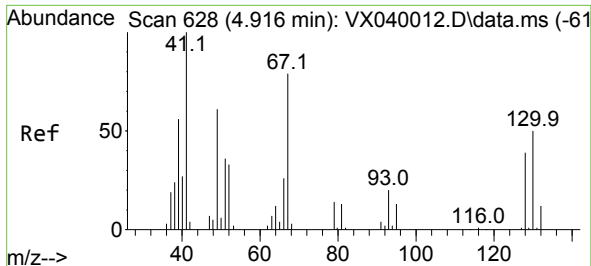
Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

|             |                |
|-------------|----------------|
| Tgt Ion: 78 | Resp: 9378     |
| Ion Ratio   | Lower Upper    |
| 78          | 100            |
| 77          | 26.4 19.3 28.9 |

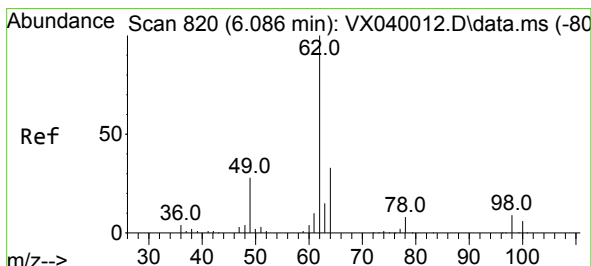
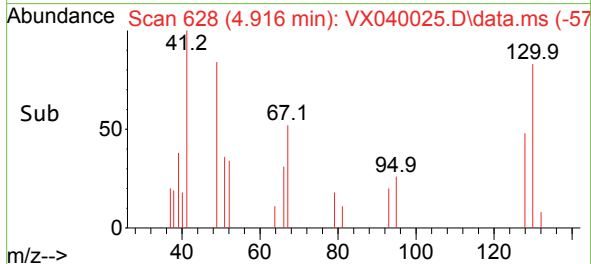
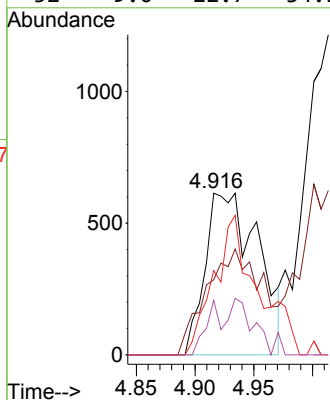
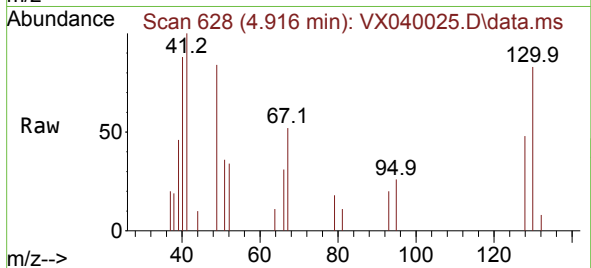




#41  
Methacrylonitrile  
Concen: 2.405 ug/l  
RT: 4.916 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

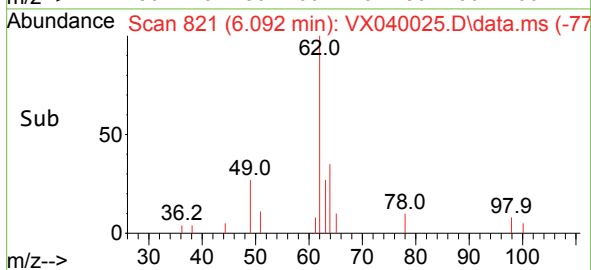
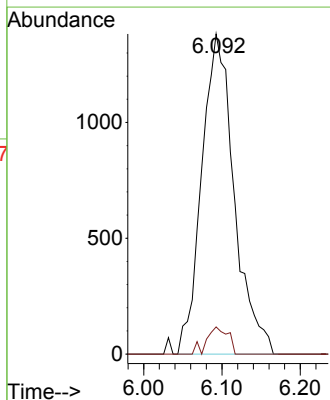
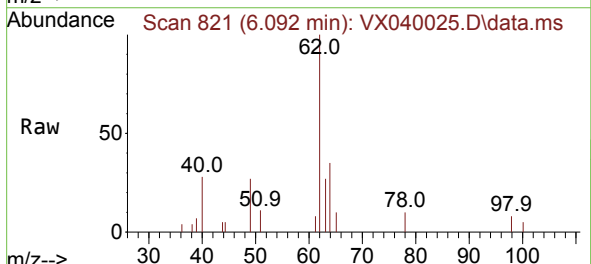
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

|             |             |
|-------------|-------------|
| Tgt Ion: 41 | Resp: 1927  |
| Ion Ratio   | Lower Upper |
| 41 100      |             |
| 39 0.0      | 45.2 67.8#  |
| 67 0.0      | 52.6 78.8#  |
| 52 9.0      | 22.7 34.1#  |



#42  
1,2-Dichloroethane  
Concen: 2.457 ug/l  
RT: 6.092 min Scan# 821  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

|             |             |
|-------------|-------------|
| Tgt Ion: 62 | Resp: 3985  |
| Ion Ratio   | Lower Upper |
| 62 100      |             |
| 98 5.5      | 0.0 16.0    |

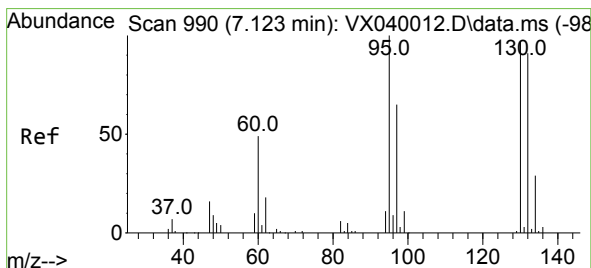
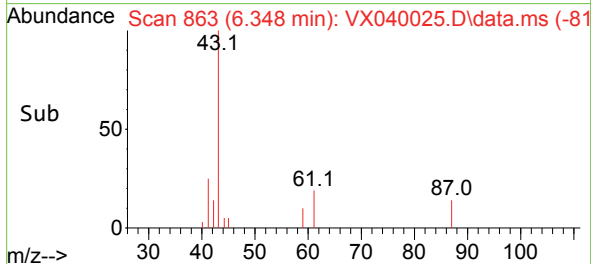
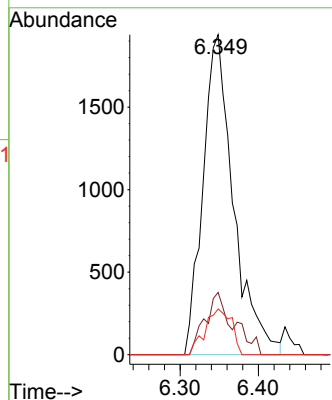
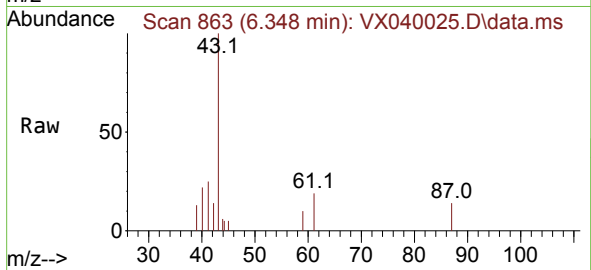




#43  
Isopropyl Acetate  
Concen: 2.107 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.012 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

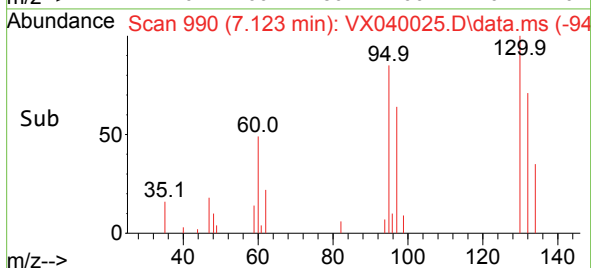
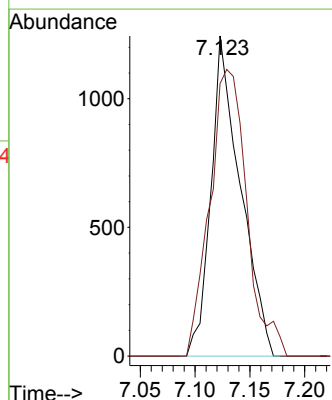
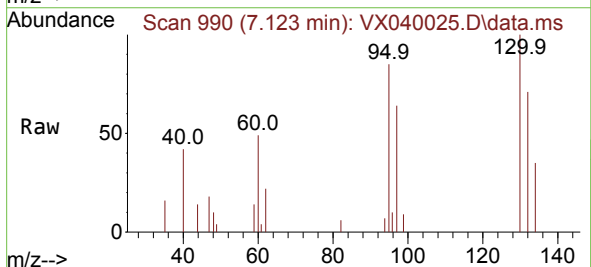
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

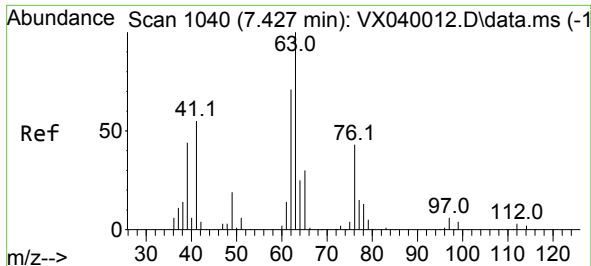
Tgt Ion: 43 Resp: 5249  
Ion Ratio Lower Upper  
43 100  
61 13.9 15.2 22.8#  
87 12.4 9.8 14.6



#44  
Trichloroethene  
Concen: 2.098 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion:130 Resp: 2326  
Ion Ratio Lower Upper  
130 100  
95 85.1 0.0 204.4

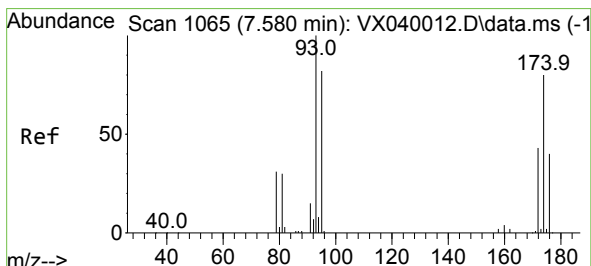
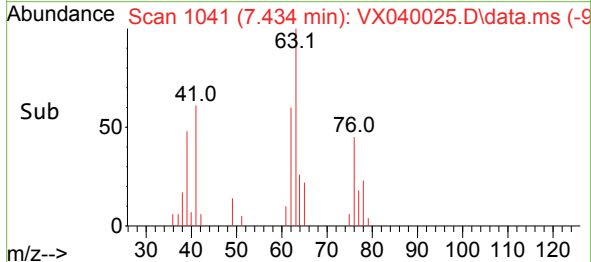
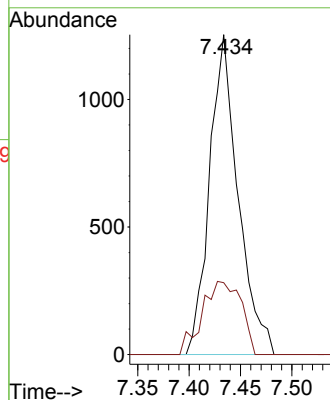
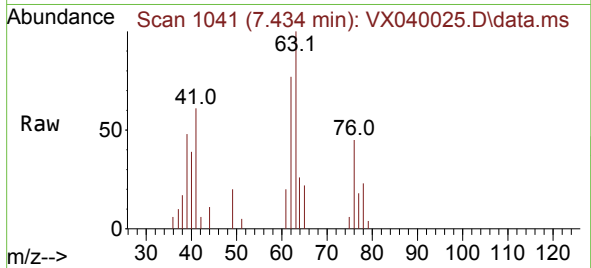




#45  
1,2-Dichloropropane  
Concen: 2.179 ug/l  
RT: 7.434 min Scan# 1041  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

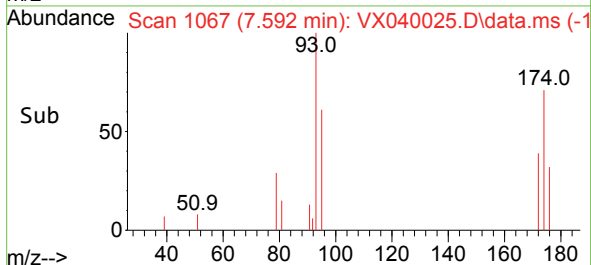
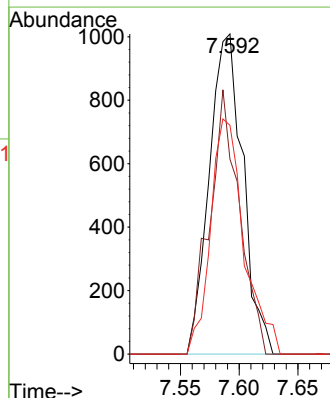
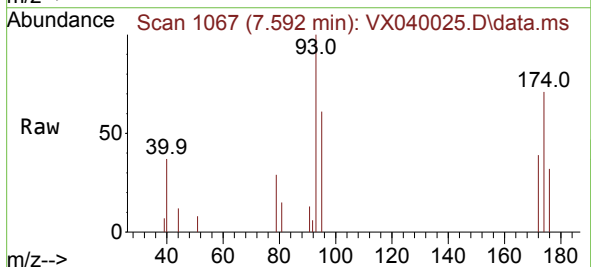
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

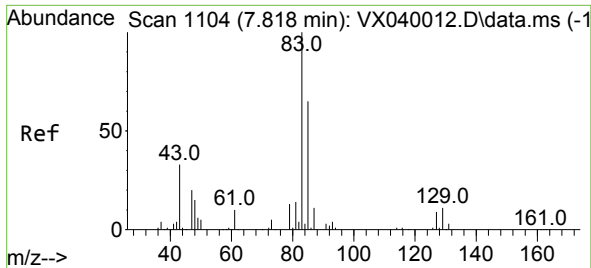
Tgt Ion: 63 Resp: 2424  
Ion Ratio Lower Upper  
63 100  
65 22.5 24.3 36.5#



#46  
Dibromomethane  
Concen: 2.403 ug/l  
RT: 7.592 min Scan# 1067  
Delta R.T. 0.012 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 93 Resp: 2007  
Ion Ratio Lower Upper  
93 100  
95 73.6 66.6 100.0  
174 73.0 69.4 104.0

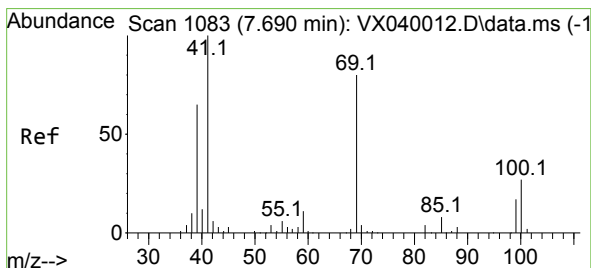
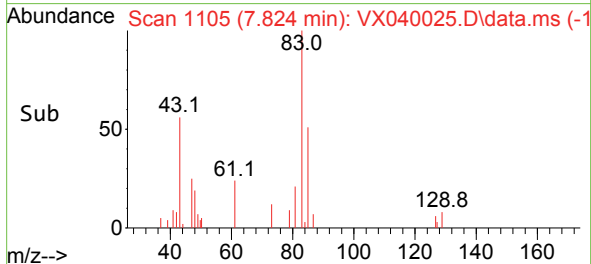
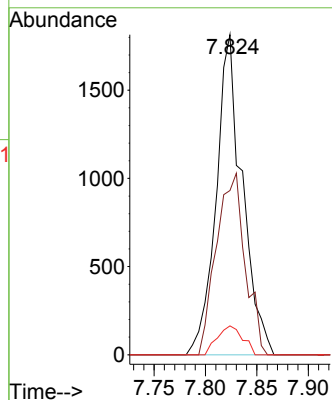
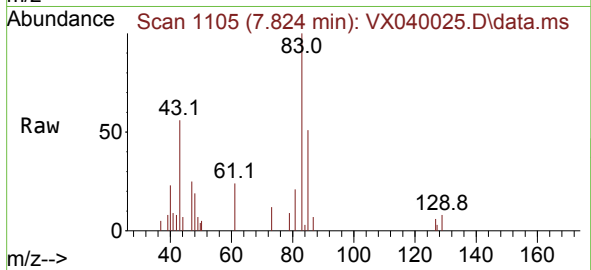




#47  
Bromodichloromethane  
Concen: 2.153 ug/l  
RT: 7.824 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

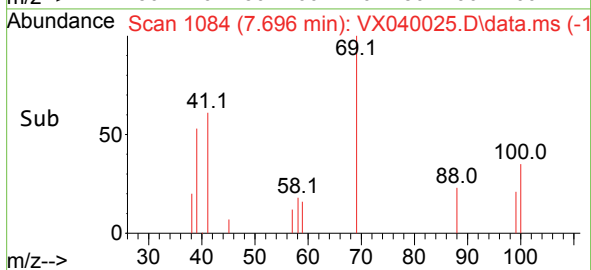
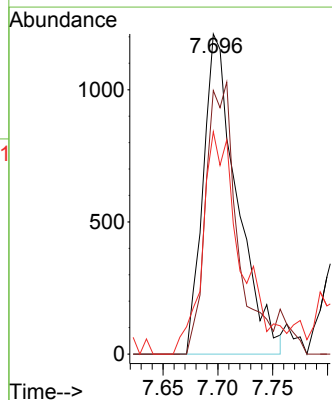
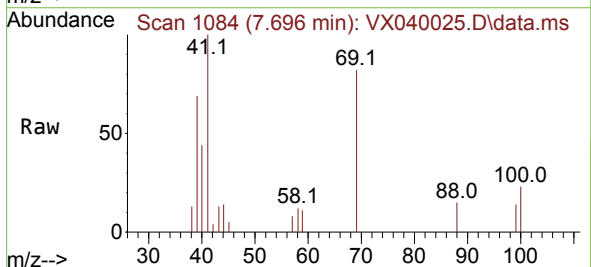
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

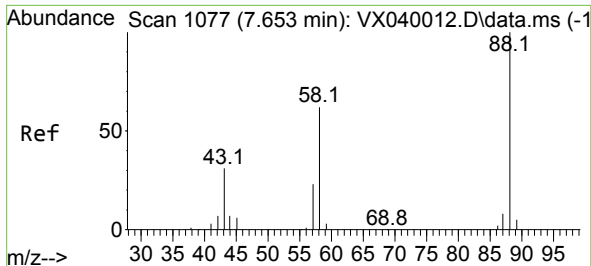
Tgt Ion: 83 Resp: 3202  
Ion Ratio Lower Upper  
83 100  
85 51.3 49.8 74.6  
127 9.0 7.1 10.7



#48  
Methyl methacrylate  
Concen: 2.115 ug/l  
RT: 7.696 min Scan# 1084  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 41 Resp: 2596  
Ion Ratio Lower Upper  
41 100  
69 78.9 59.2 88.8  
39 78.9 47.7 71.5#

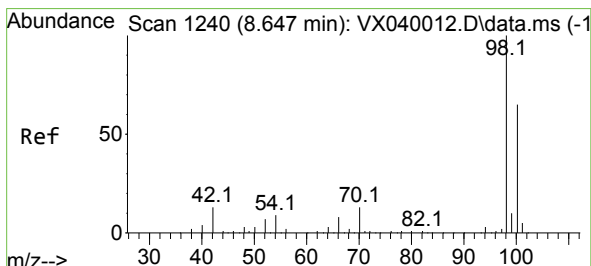
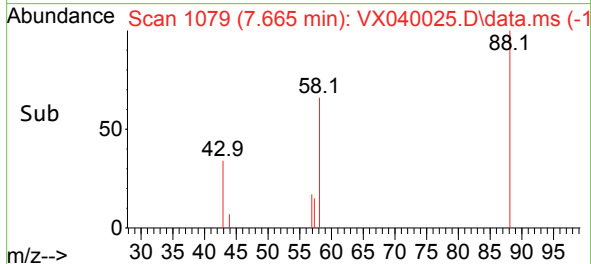
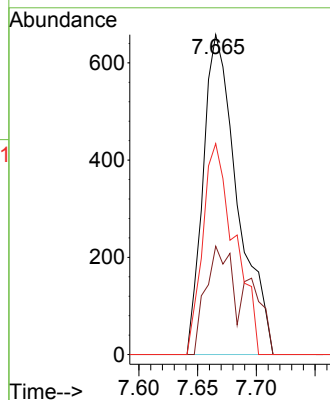
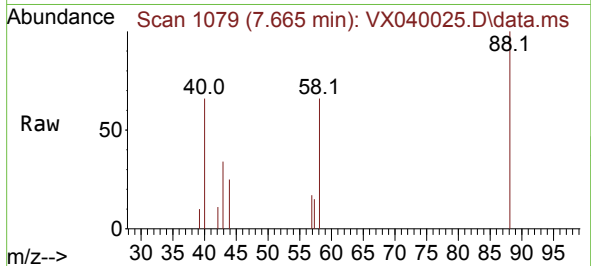




#49  
1,4-Dioxane  
Concen: 50.428 ug/l  
RT: 7.665 min Scan# 1077  
Delta R.T. 0.012 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

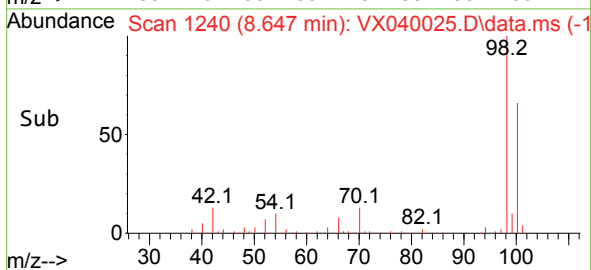
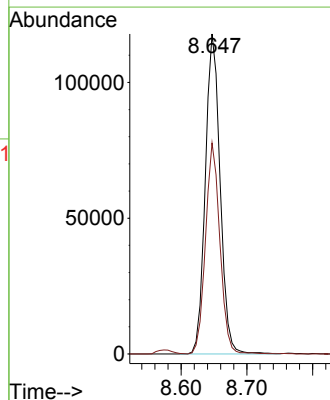
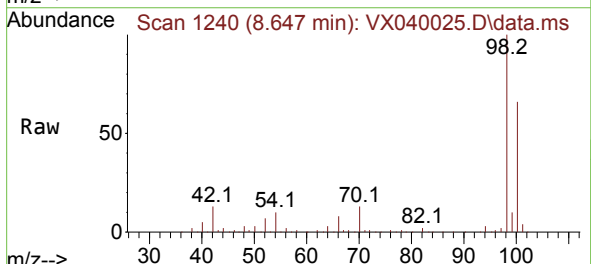
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

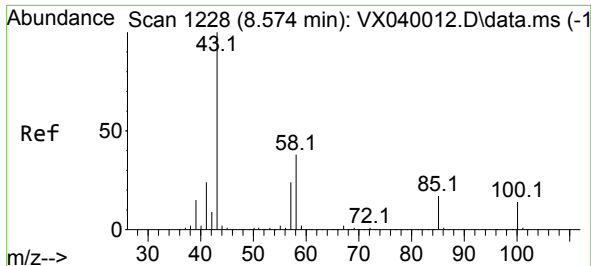
Tgt Ion: 88 Resp: 1345  
Ion Ratio Lower Upper  
88 100  
43 25.7 0.0 0.0#  
58 61.1 60.1 90.1



#50  
Toluene-d8  
Concen: 49.380 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 98 Resp: 184729  
Ion Ratio Lower Upper  
98 100  
100 64.2 53.1 79.7

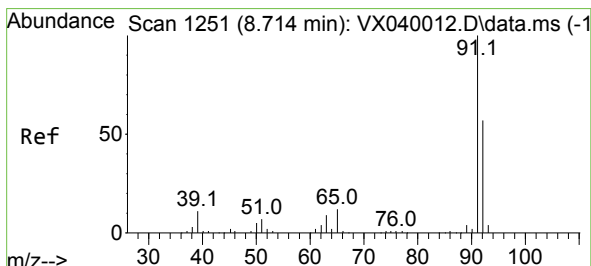
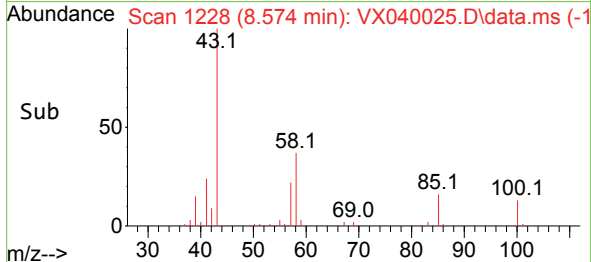
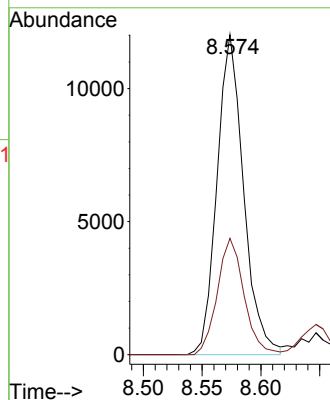
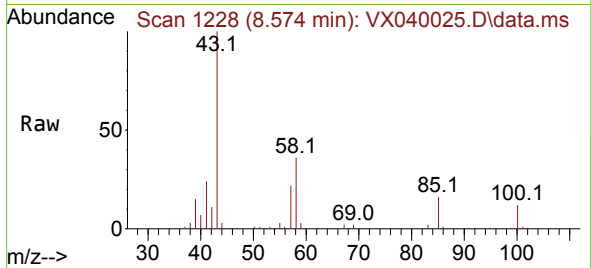




#51  
4-Methyl-2-Pentanone  
Concen: 11.113 ug/l  
RT: 8.574 min Scan# 1228  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

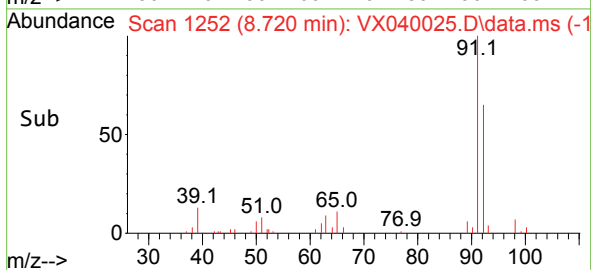
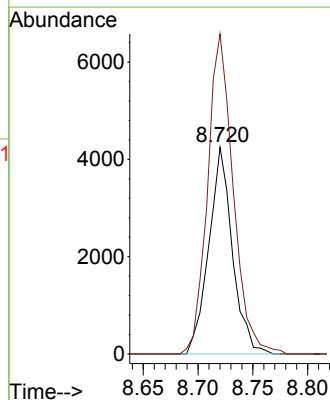
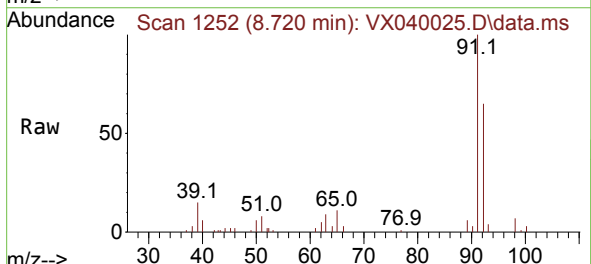
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

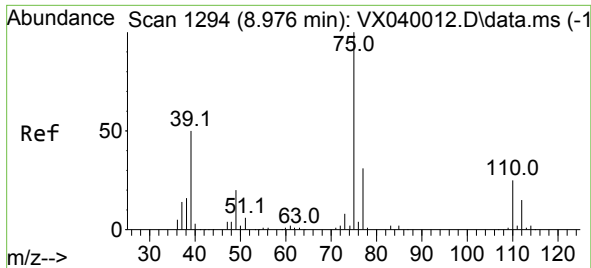
Tgt Ion: 43 Resp: 18902  
Ion Ratio Lower Upper  
43 100  
58 36.6 30.4 45.6



#52  
Toluene  
Concen: 2.424 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 92 Resp: 6366  
Ion Ratio Lower Upper  
92 100  
91 168.3 134.2 201.2

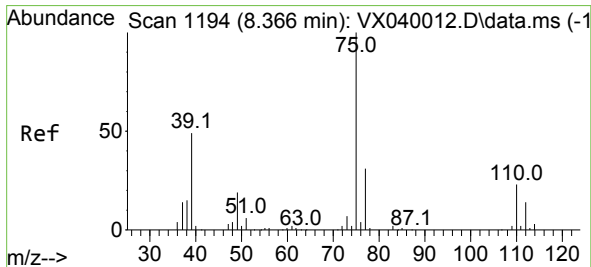
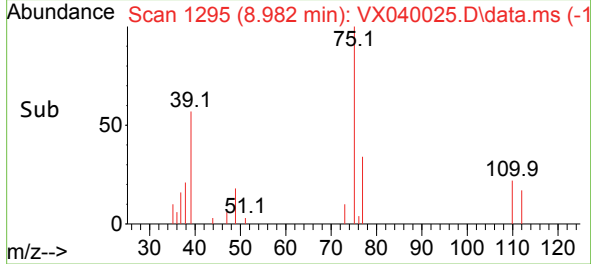
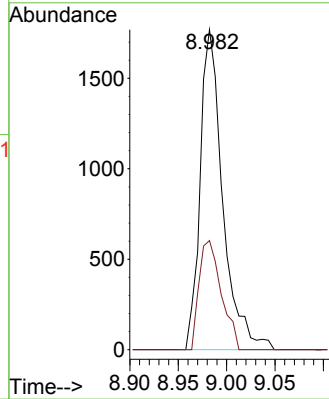
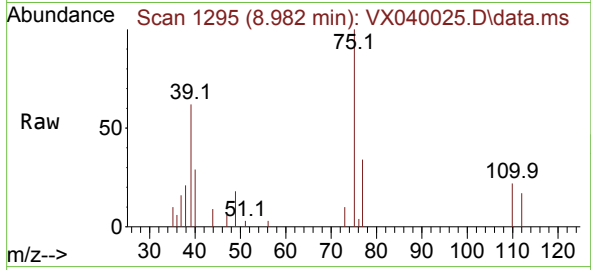




#53  
 t-1,3-Dichloropropene  
 Concen: 1.867 ug/l  
 RT: 8.982 min Scan# 1195  
 Delta R.T. 0.006 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

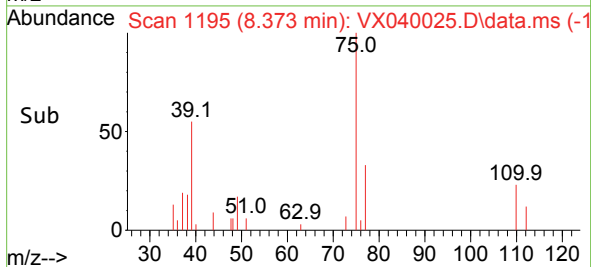
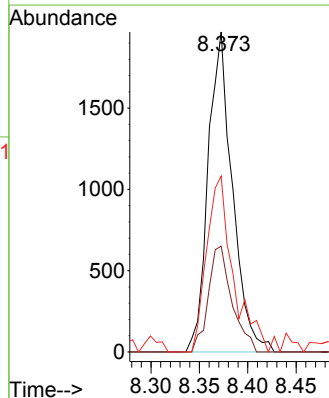
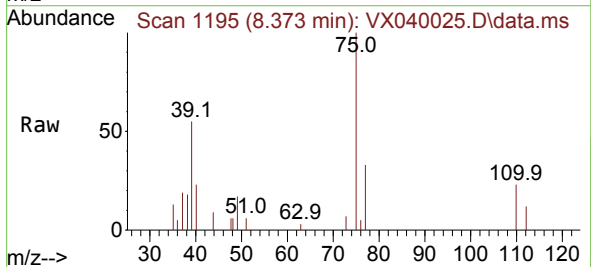
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT1-2024

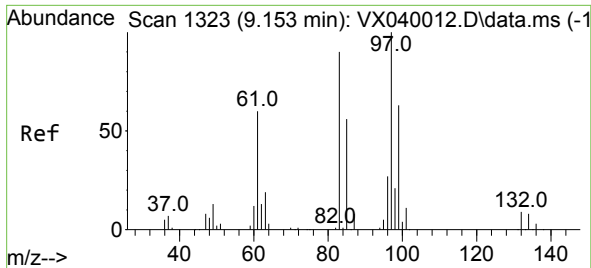
Tgt Ion: 75 Resp: 2880  
 Ion Ratio Lower Upper  
 75 100  
 77 34.1 25.7 38.5



#54  
 cis-1,3-Dichloropropene  
 Concen: 2.091 ug/l  
 RT: 8.373 min Scan# 1195  
 Delta R.T. 0.006 min  
 Lab File: VX040025.D  
 Acq: 30 Jan 2024 17:35

Tgt Ion: 75 Resp: 3441  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 25.3 37.9  
 39 54.9 46.7 70.1

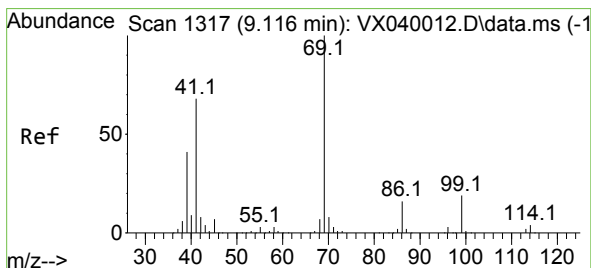
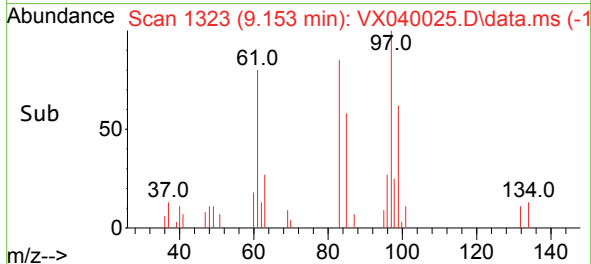
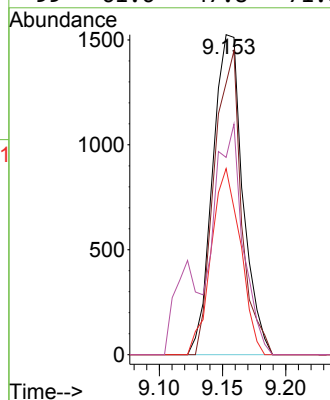
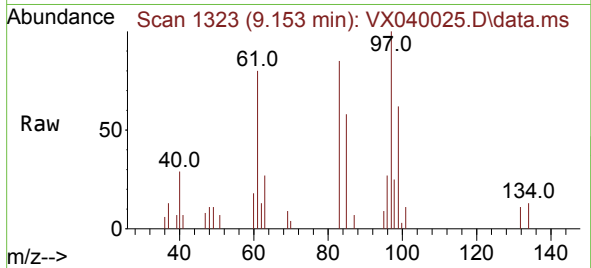




#55  
1,1,2-Trichloroethane  
Concen: 2.328 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

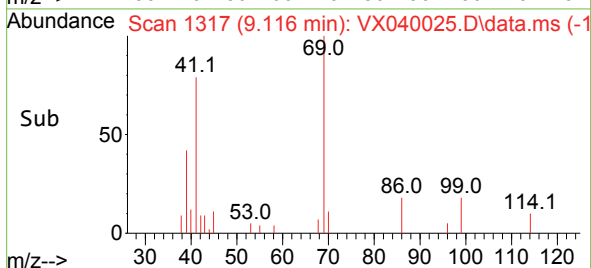
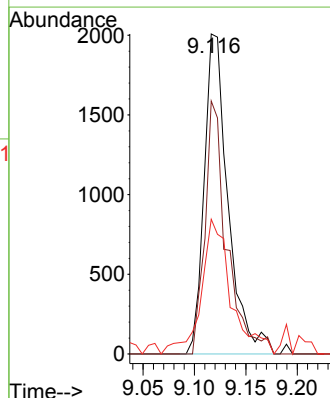
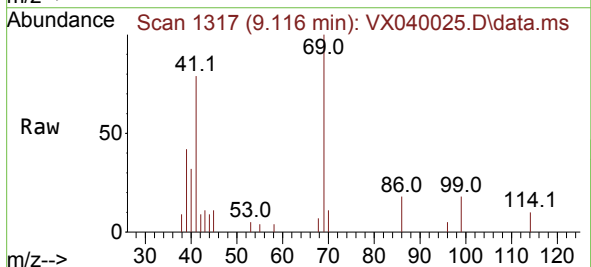
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

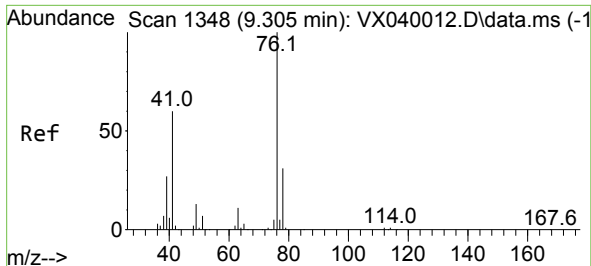
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 2531  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 83 84.9     | 65.8 98.8   |
| 85 58.2     | 41.6 62.4   |
| 99 61.6     | 47.8 71.8   |



#56  
Ethyl methacrylate  
Concen: 2.050 ug/l  
RT: 9.116 min Scan# 1317  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

|             |             |
|-------------|-------------|
| Tgt Ion: 69 | Resp: 3254  |
| Ion Ratio   | Lower Upper |
| 69 100      |             |
| 41 71.9     | 56.8 85.2   |
| 39 52.5     | 32.0 48.0#  |





#57

1,3-Dichloropropane

Concen: 2.234 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040025.D

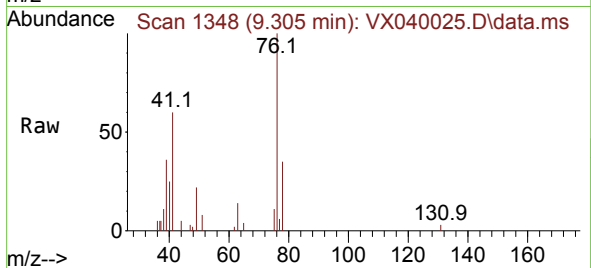
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

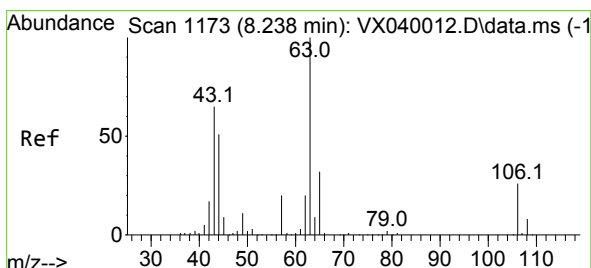
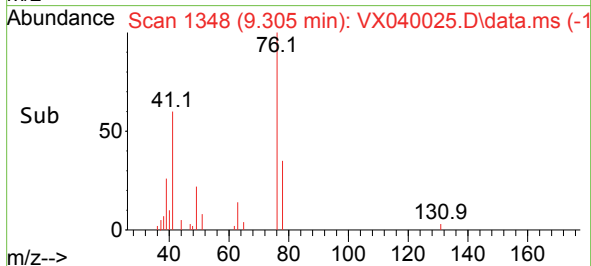
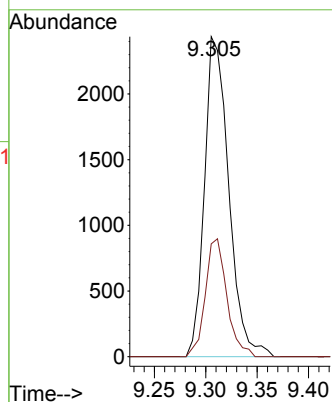


Tgt Ion: 76 Resp: 4000

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 10.098 ug/l

RT: 8.245 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX040025.D

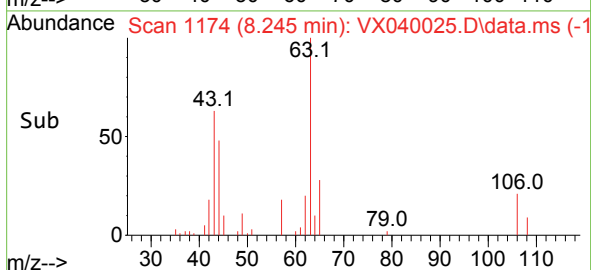
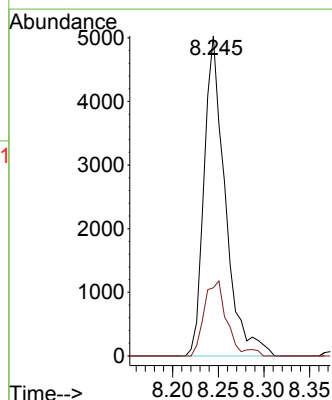
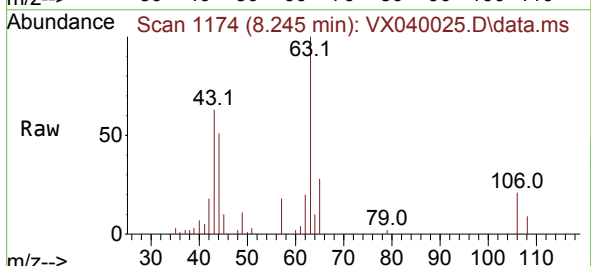
Acq: 30 Jan 2024 17:35

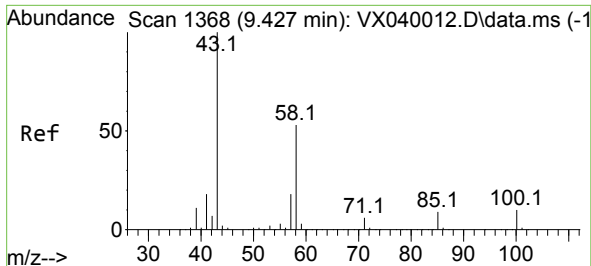
Tgt Ion: 63 Resp: 8061

Ion Ratio Lower Upper

63 100

106 25.4 22.5 33.7





#59

2-Hexanone

Concen: 11.326 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

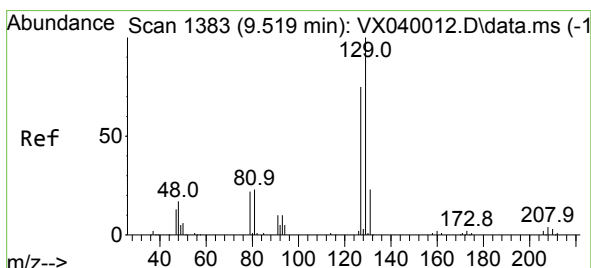
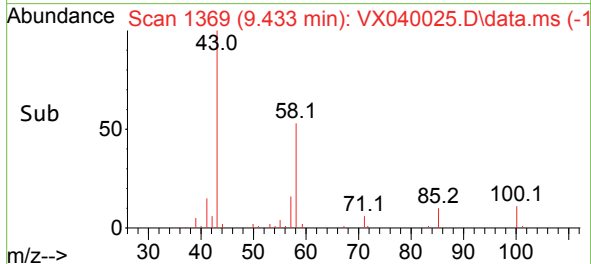
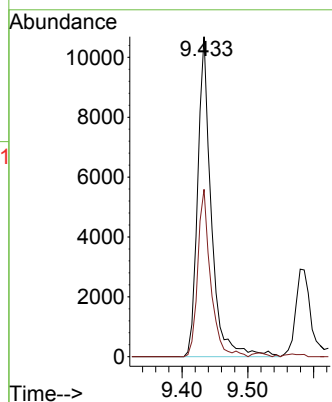
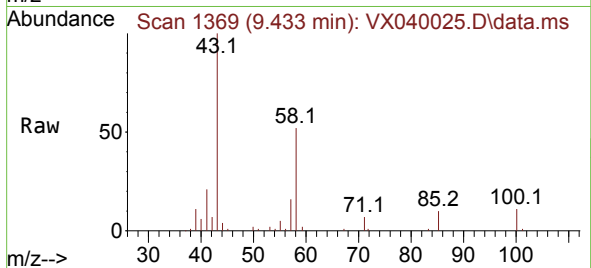
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 43 Resp: 15360

Ion Ratio Lower Upper

43 100

58 49.3 26.2 78.5



#60

Dibromochloromethane

Concen: 2.026 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX040025.D

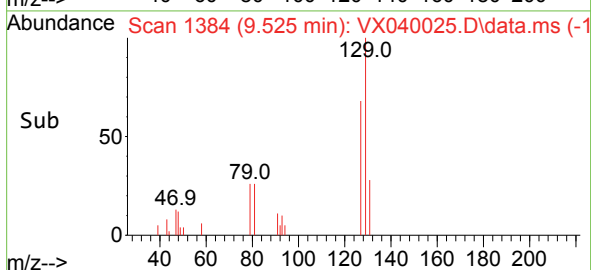
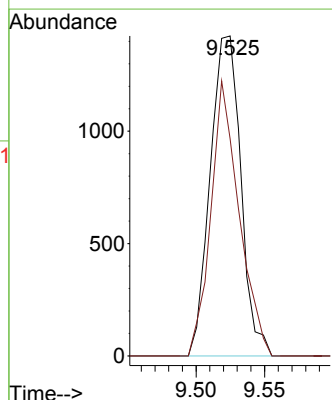
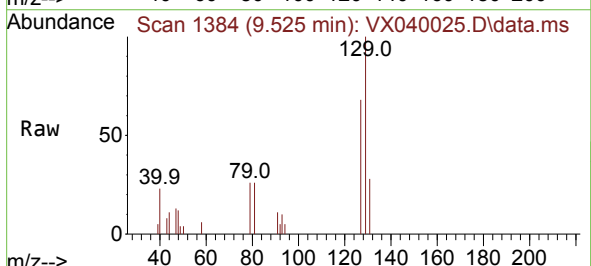
Acq: 30 Jan 2024 17:35

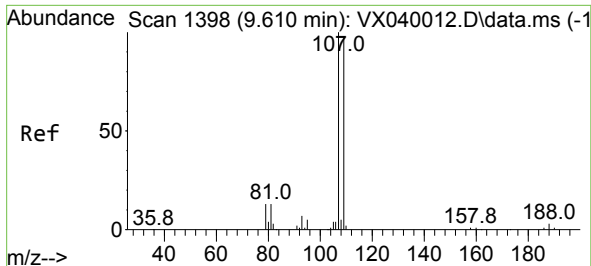
Tgt Ion: 129 Resp: 2213

Ion Ratio Lower Upper

129 100

127 79.3 38.8 116.4

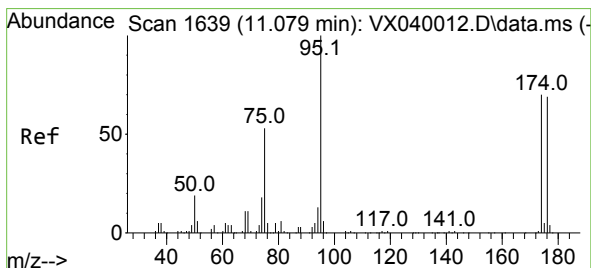
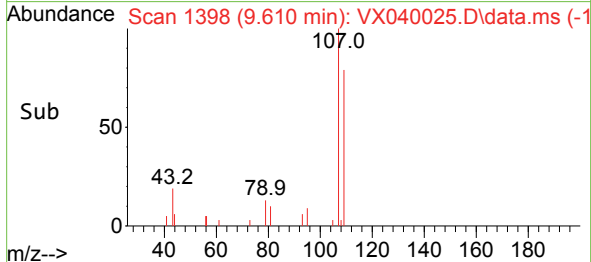
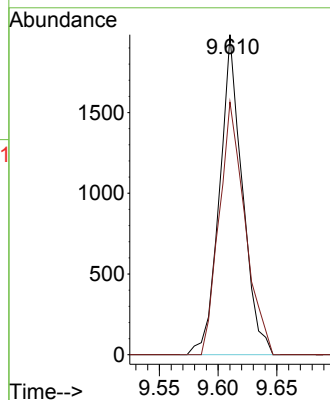
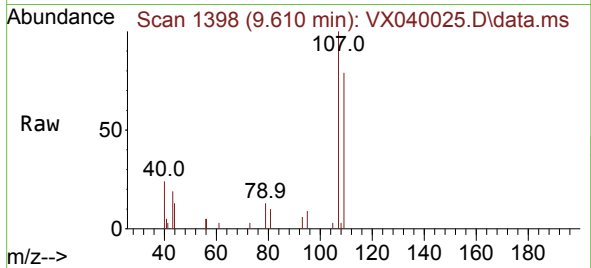




#61  
1,2-Dibromoethane  
Concen: 2.280 ug/l  
RT: 9.610 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

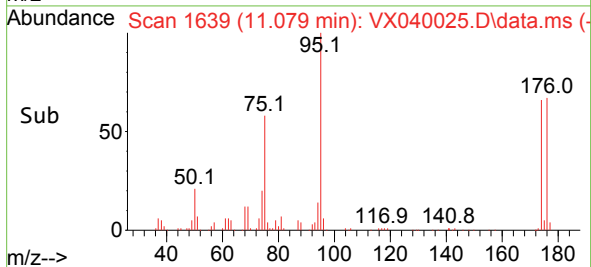
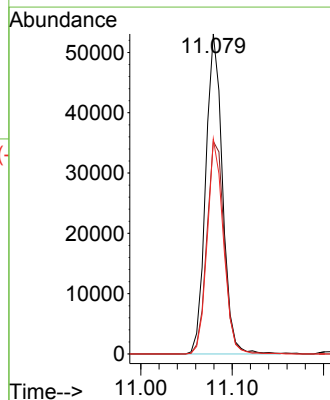
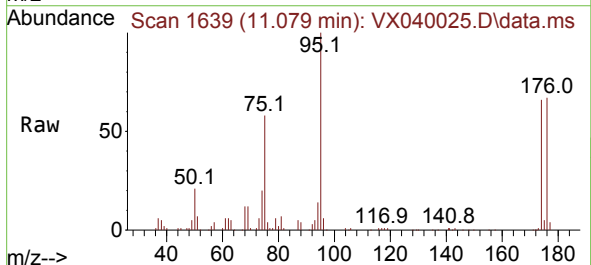
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

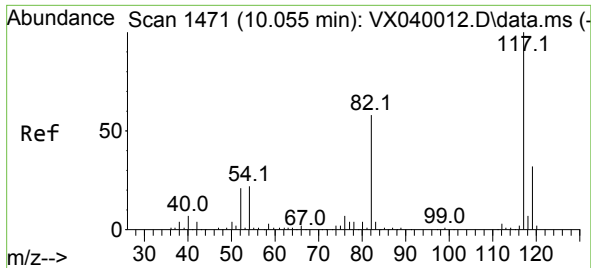
Tgt Ion:107 Resp: 2680  
Ion Ratio Lower Upper  
107 100  
109 89.2 75.2 112.8



#62  
4-Bromofluorobenzene  
Concen: 46.844 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 95 Resp: 67478  
Ion Ratio Lower Upper  
95 100  
174 69.1 0.0 135.6  
176 64.9 0.0 131.0

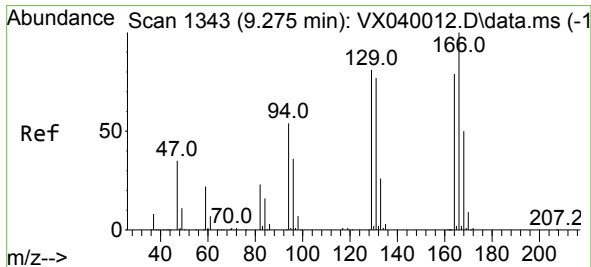
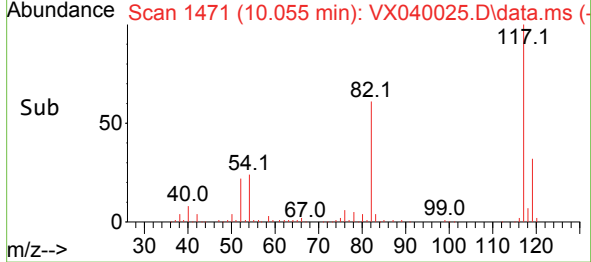
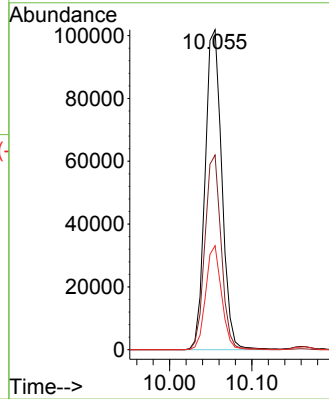
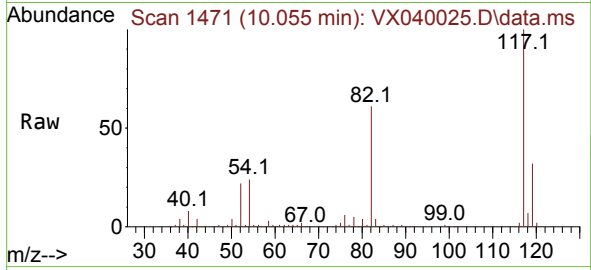




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

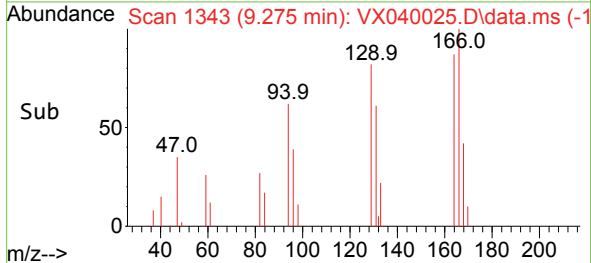
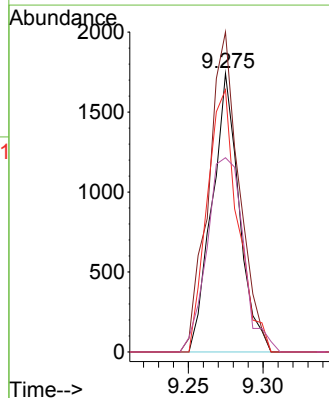
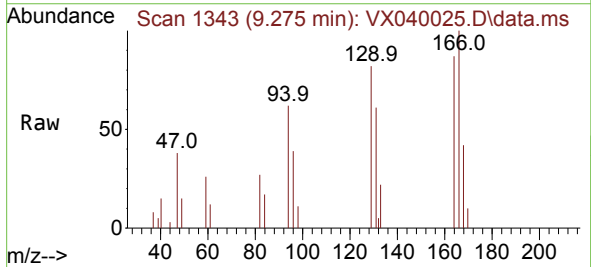
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

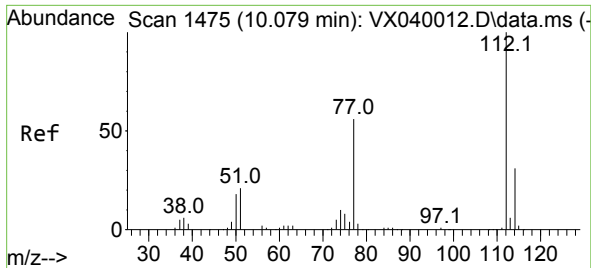
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:117 | Resp: | 143811 |
| Ion | Ratio   | Lower | Upper  |
| 117 | 100     |       |        |
| 82  | 60.8    | 46.2  | 69.4   |
| 119 | 32.5    | 25.5  | 38.3   |



#64  
Tetrachloroethene  
Concen: 2.349 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

|             |             |
|-------------|-------------|
| Tgt Ion:164 | Resp: 2198  |
| Ion Ratio   | Lower Upper |
| 164 100     |             |
| 166 114.9   | 102.7 154.1 |
| 129 94.1    | 80.4 120.6  |
| 131 69.7    | 76.5 114.7# |

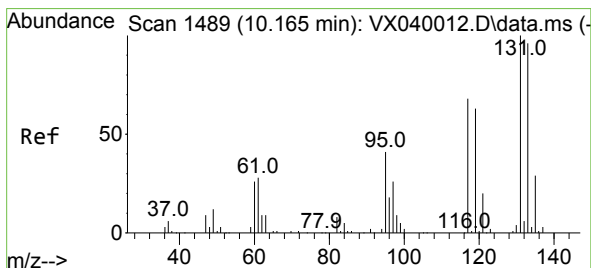
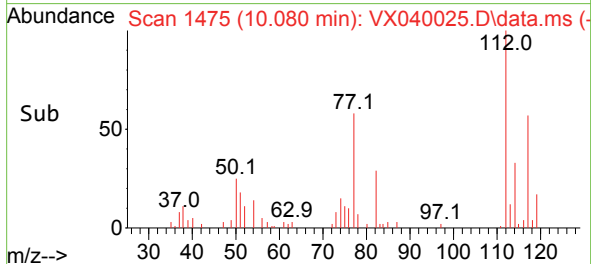
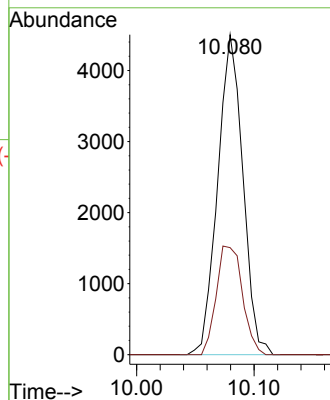
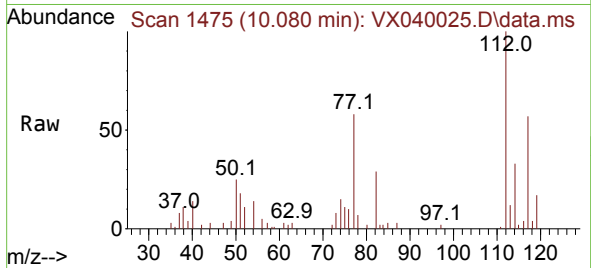




#65  
Chlorobenzene  
Concen: 2.255 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

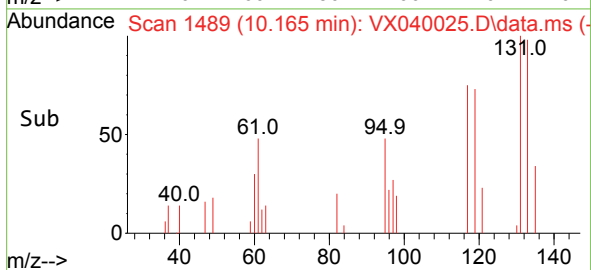
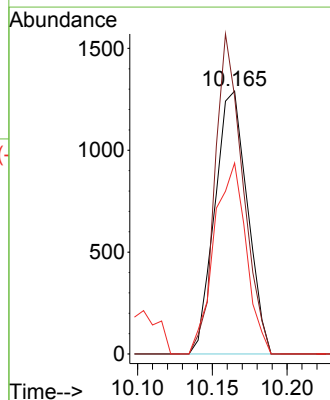
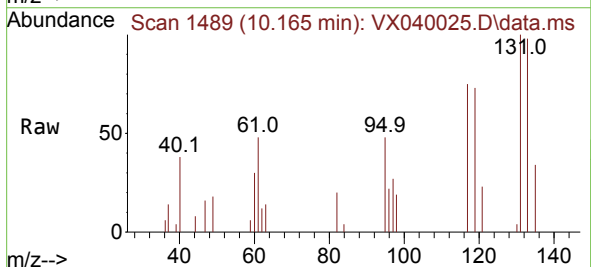
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

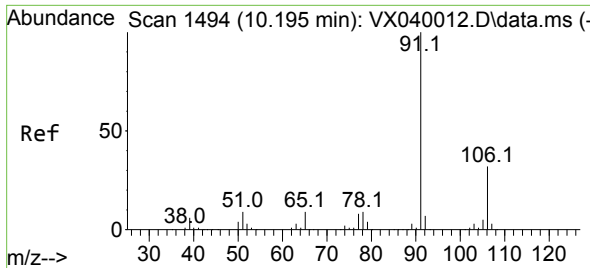
Tgt Ion:112 Resp: 6704  
Ion Ratio Lower Upper  
112 100  
114 33.5 25.7 38.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 1.948 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion:131 Resp: 1956  
Ion Ratio Lower Upper  
131 100  
133 104.1 47.1 141.4  
119 71.4 32.2 96.6

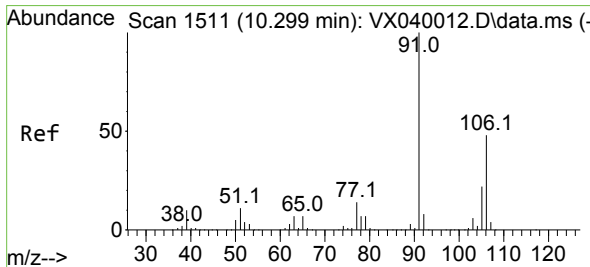
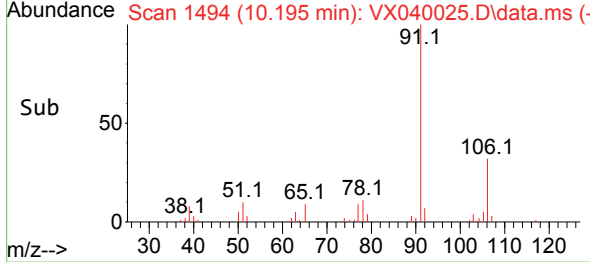
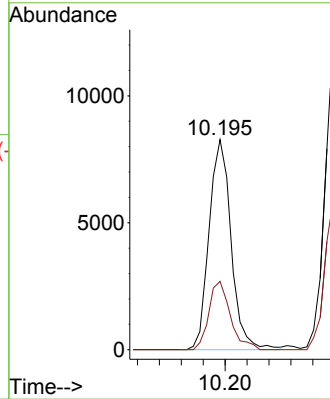
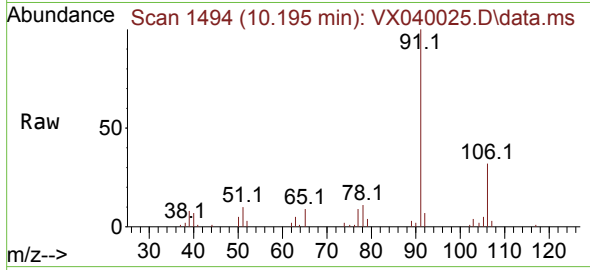




#67  
Ethyl Benzene  
Concen: 2.169 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

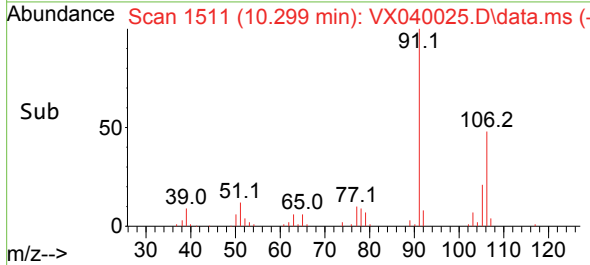
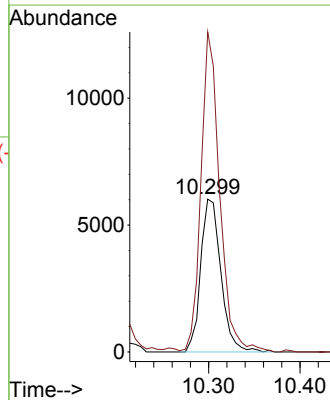
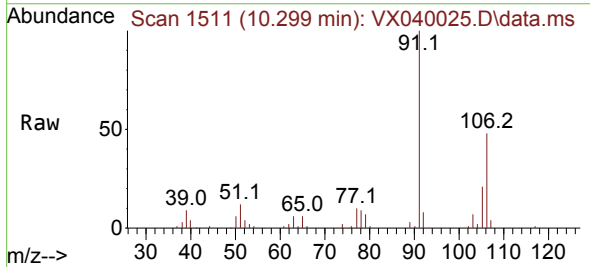
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

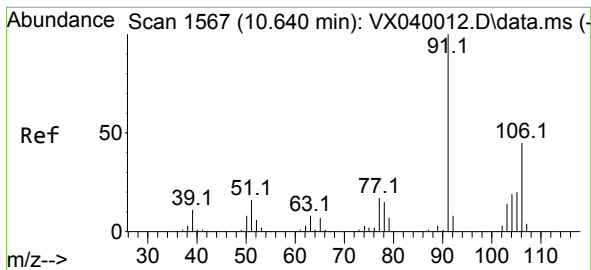
Tgt Ion: 91 Resp: 11567  
Ion Ratio Lower Upper  
91 100  
106 32.5 24.9 37.3



#68  
m/p-Xylenes  
Concen: 4.615 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 106 Resp: 9259  
Ion Ratio Lower Upper  
106 100  
91 193.5 165.5 248.3

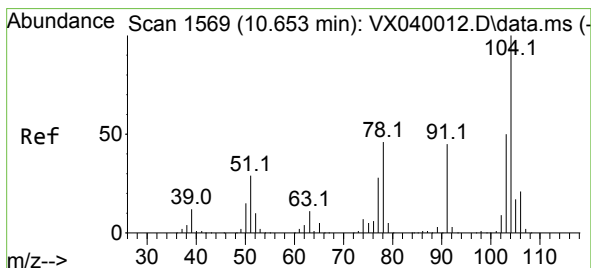
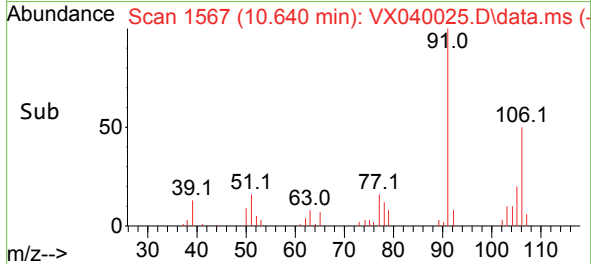
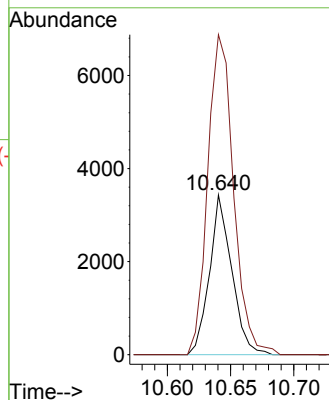
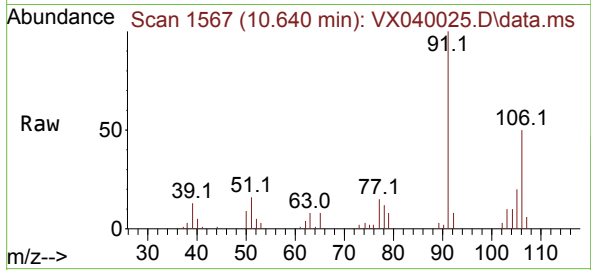




#69  
o-Xylene  
Concen: 2.213 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

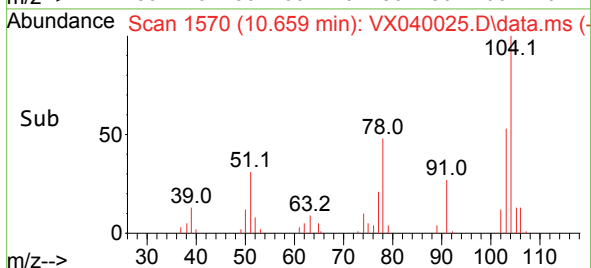
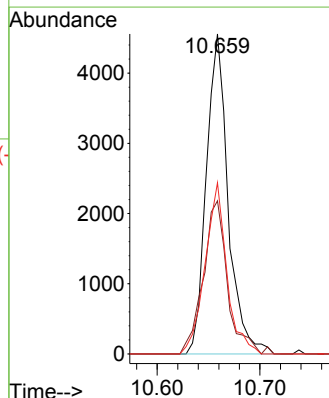
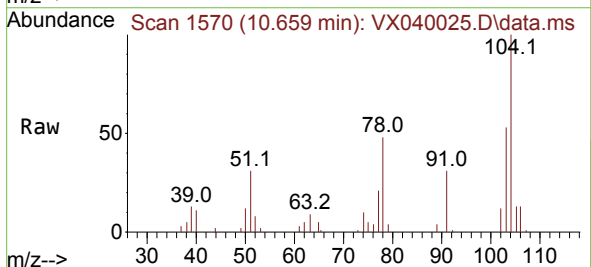
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

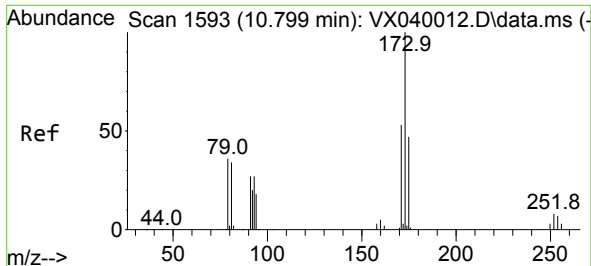
Tgt Ion:106 Resp: 4212  
Ion Ratio Lower Upper  
106 100  
91 231.8 108.9 326.8



#70  
Styrene  
Concen: 2.097 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion:104 Resp: 6726  
Ion Ratio Lower Upper  
104 100  
78 53.4 43.6 65.4  
103 53.5 43.6 65.4

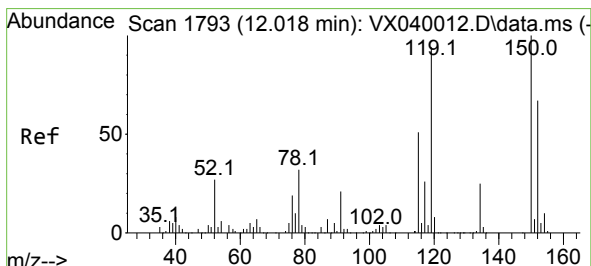
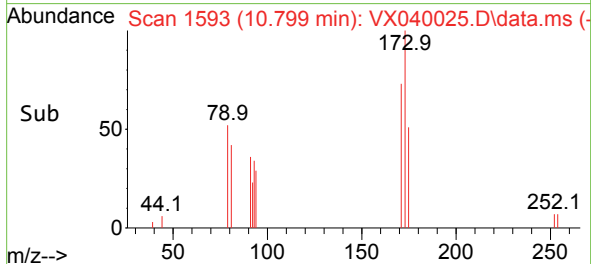
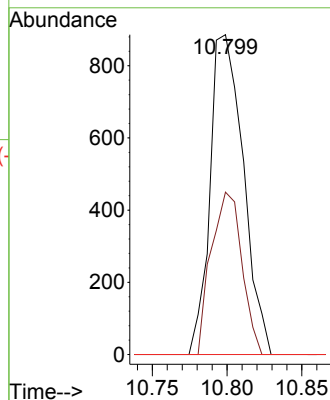
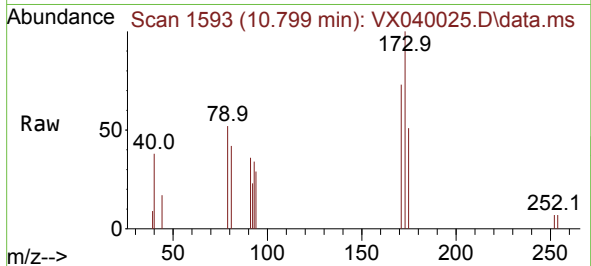




#71  
Bromoform  
Concen: 1.780 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. -0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

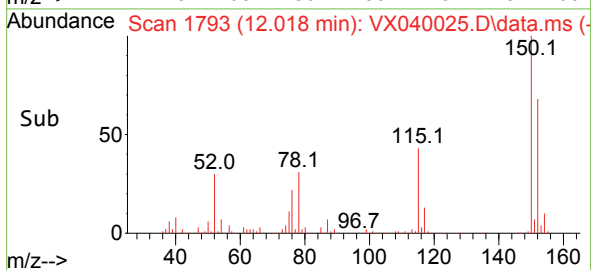
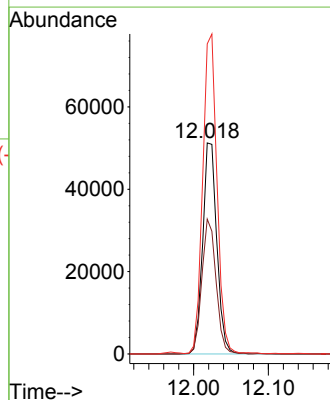
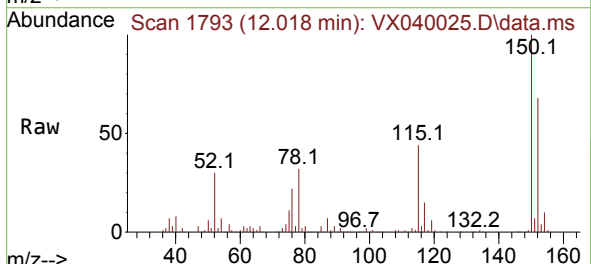
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT1-2024

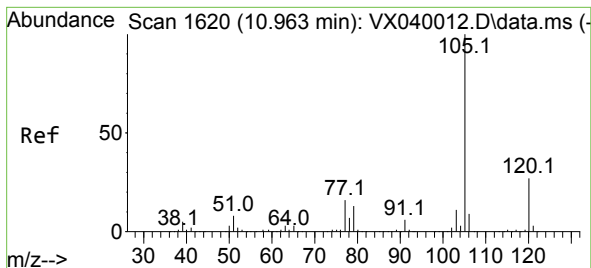
Tgt Ion:173 Resp: 1368  
Ion Ratio Lower Upper  
173 100  
175 46.9 24.1 72.4  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion:152 Resp: 67554  
Ion Ratio Lower Upper  
152 100  
115 63.9 43.3 129.9  
150 152.6 0.0 345.0





#73

Isopropylbenzene

Concen: 2.106 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

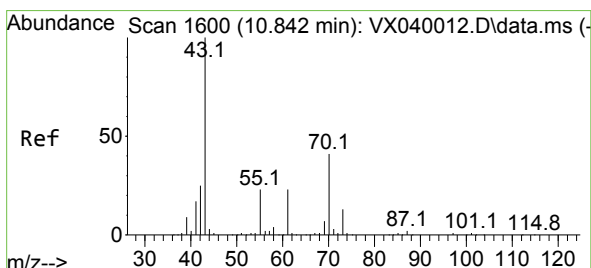
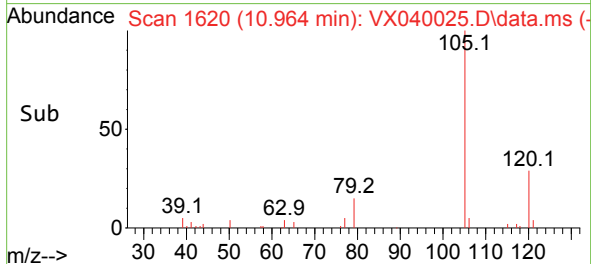
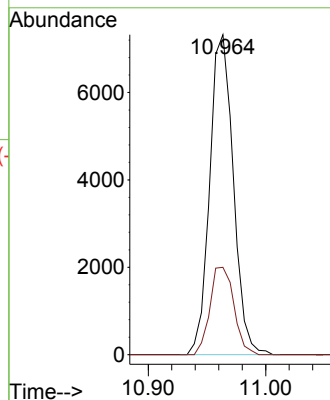
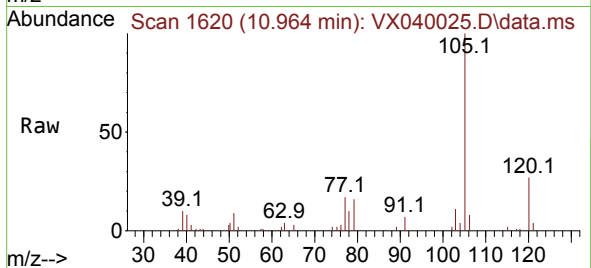
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:105 Resp: 10218

Ion Ratio Lower Upper

105 100

120 27.8 12.9 38.6



#74

N-ethyl acetate

Concen: 1.825 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Tgt Ion: 43 Resp: 4030

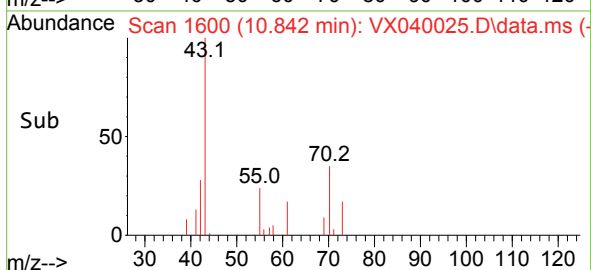
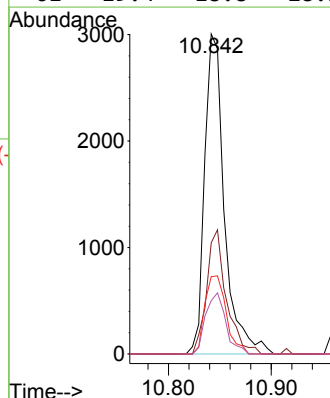
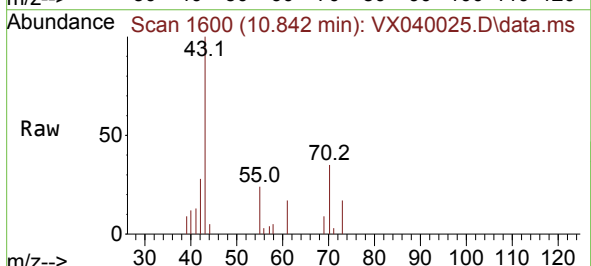
Ion Ratio Lower Upper

43 100

70 38.7 32.9 49.3

55 26.3 19.3 28.9

61 19.4 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.222 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

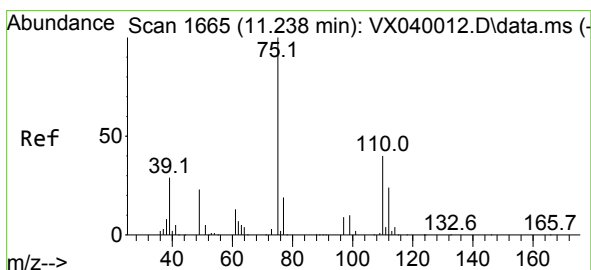
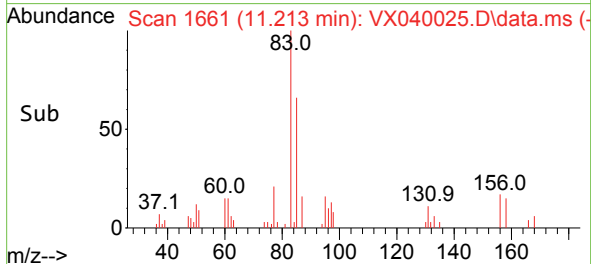
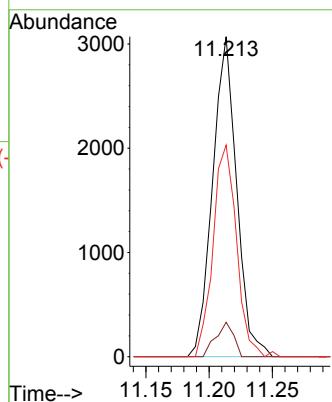
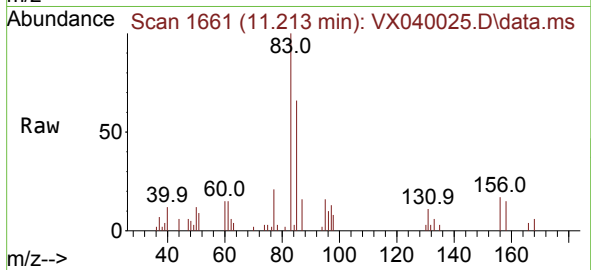
Tgt Ion: 83 Resp: 4053

Ion Ratio Lower Upper

83 100

131 8.0 5.3 15.8

85 64.6 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 2.786 ug/l

RT: 11.244 min Scan# 1666

Delta R.T. 0.006 min

Lab File: VX040025.D

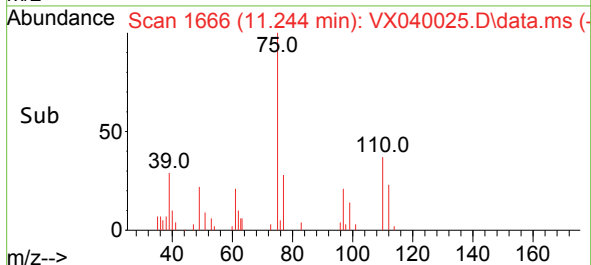
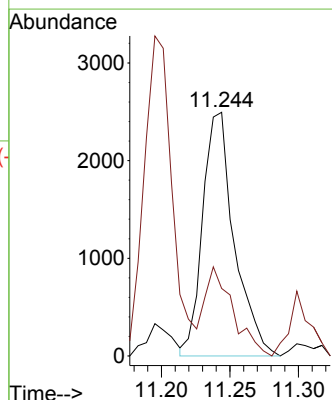
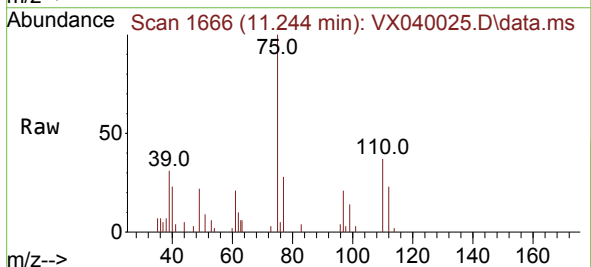
Acq: 30 Jan 2024 17:35

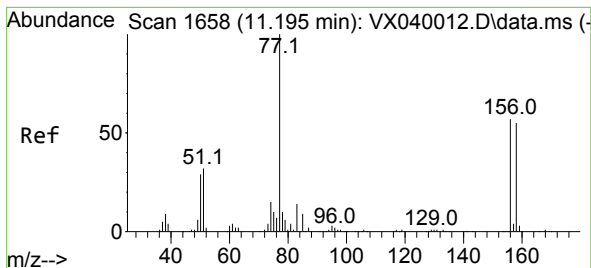
Tgt Ion: 75 Resp: 4008

Ion Ratio Lower Upper

75 100

77 32.3 19.1 57.5





#77

Bromobenzene

Concen: 2.165 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

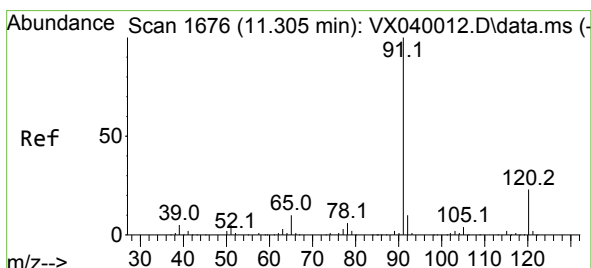
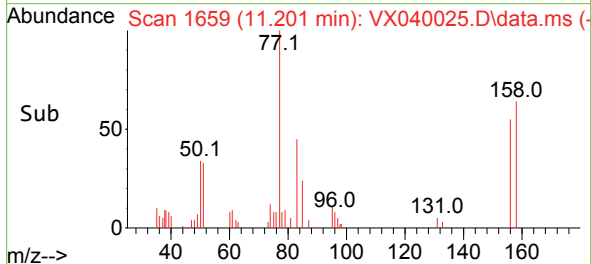
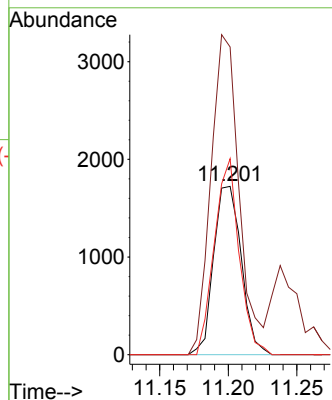
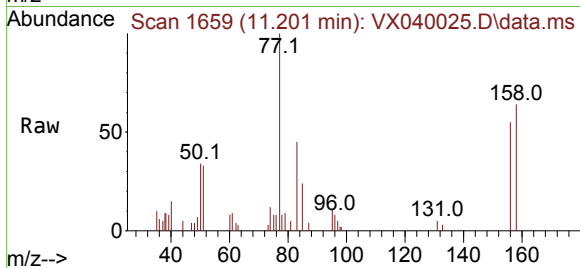
Tgt Ion:156 Resp: 2423

Ion Ratio Lower Upper

156 100

77 193.6 88.4 265.3

158 104.4 48.0 144.0



#78

n-propylbenzene

Concen: 2.213 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX040025.D

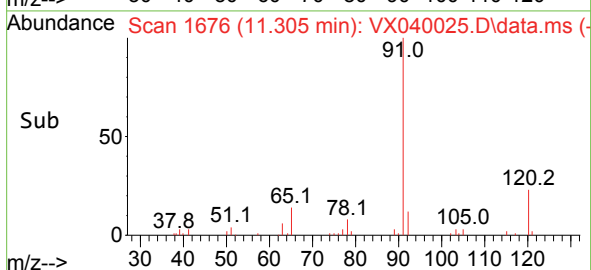
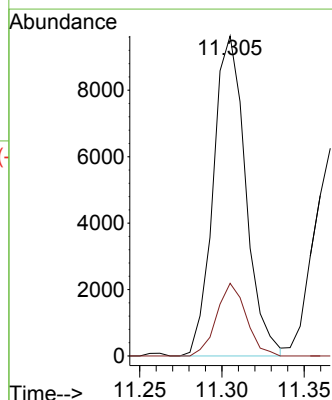
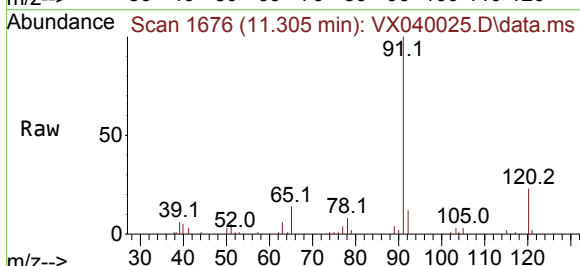
Acq: 30 Jan 2024 17:35

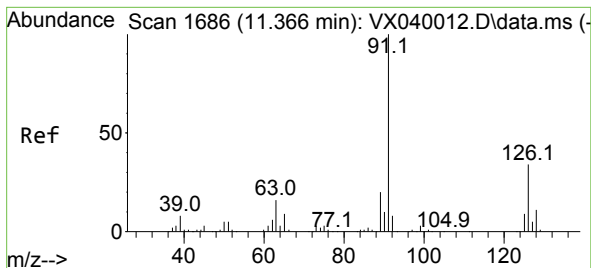
Tgt Ion: 91 Resp: 13208

Ion Ratio Lower Upper

91 100

120 20.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 2.295 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

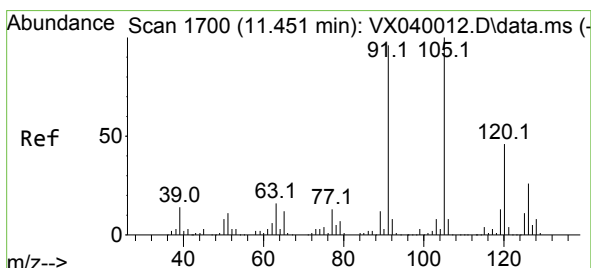
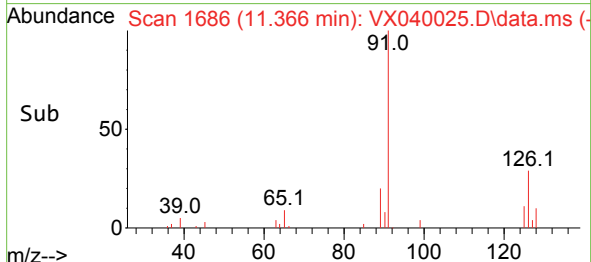
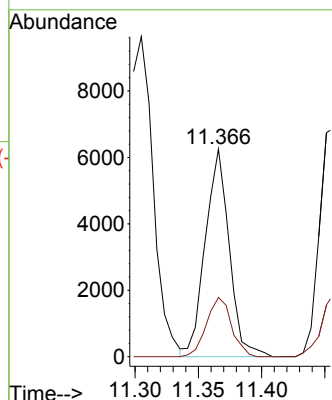
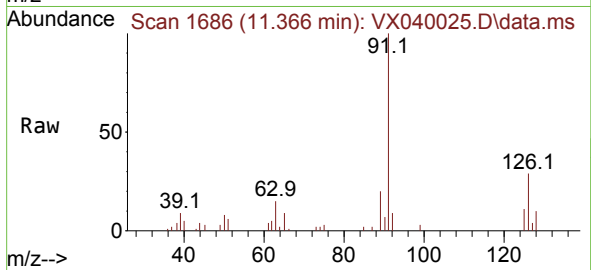
LOD-MDL-WATER-01-QT1-2024

Tgt Ion: 91 Resp: 8246

Ion Ratio Lower Upper

91 100

126 29.7 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 2.129 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040025.D

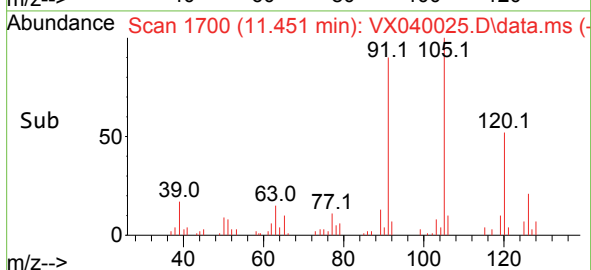
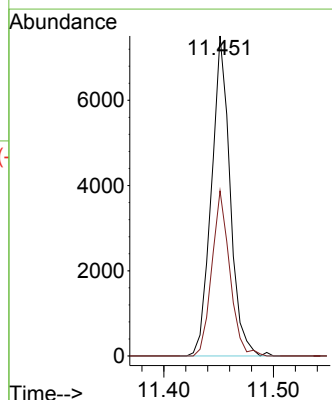
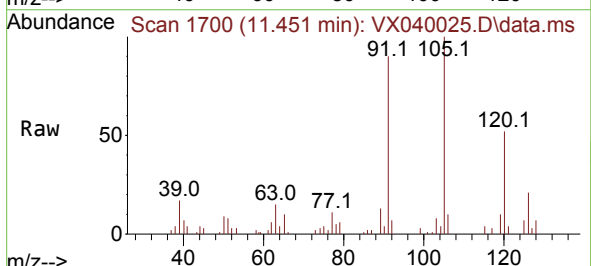
Acq: 30 Jan 2024 17:35

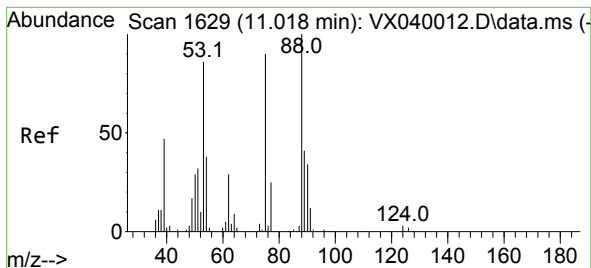
Tgt Ion: 105 Resp: 8878

Ion Ratio Lower Upper

105 100

120 49.6 24.1 72.3

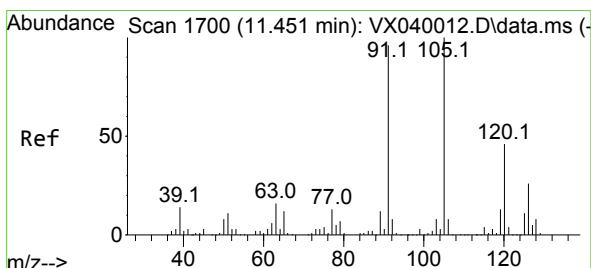
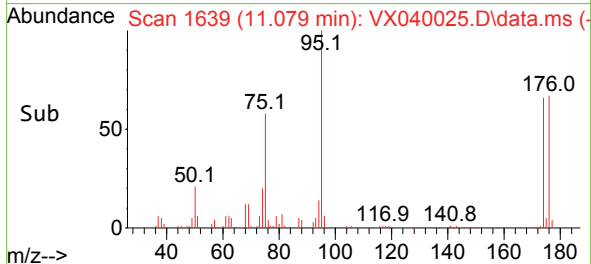
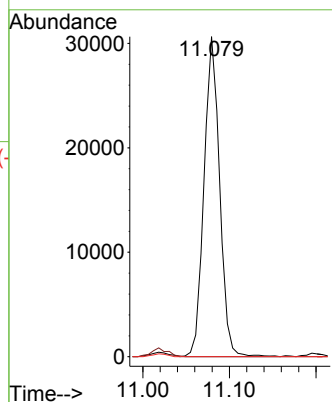
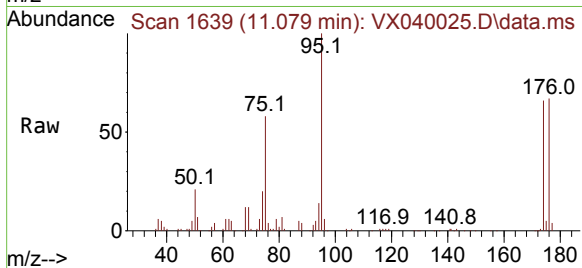




#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.103 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. 0.061 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

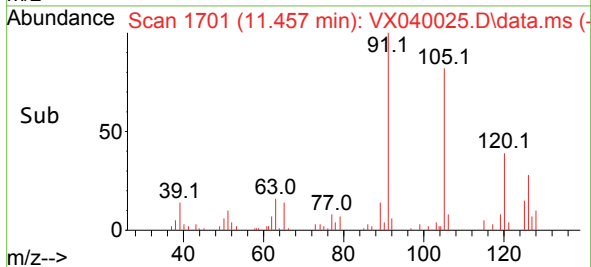
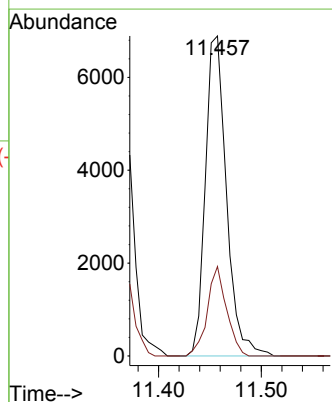
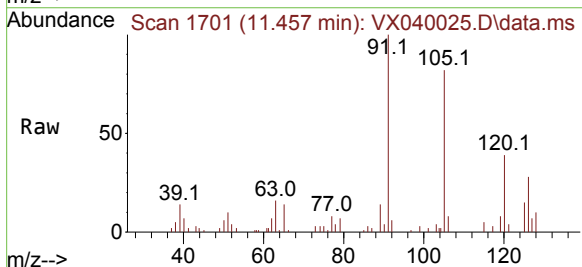
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

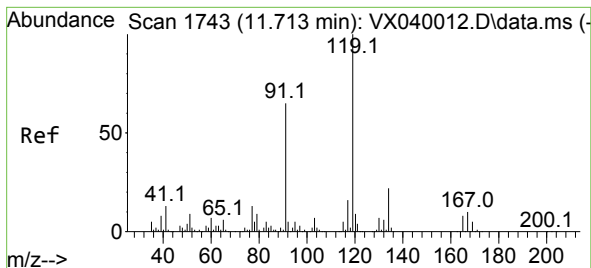
Tgt Ion: 75 Resp: 38372  
Ion Ratio Lower Upper  
75 100  
53 0.0 90.5 135.7#  
89 0.0 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 2.389 ug/l  
RT: 11.457 min Scan# 1701  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 91 Resp: 9852  
Ion Ratio Lower Upper  
91 100  
126 25.5 14.2 42.6





#83

tert-Butylbenzene

Concen: 2.268 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

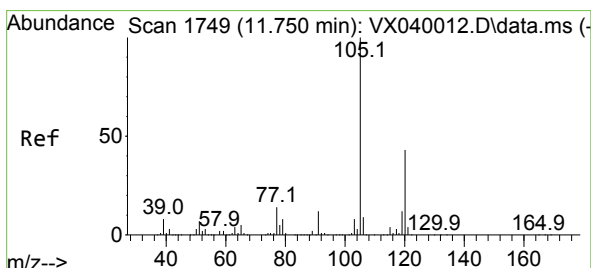
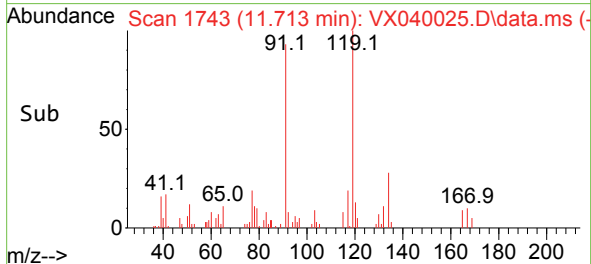
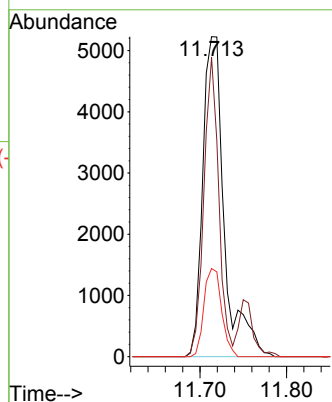
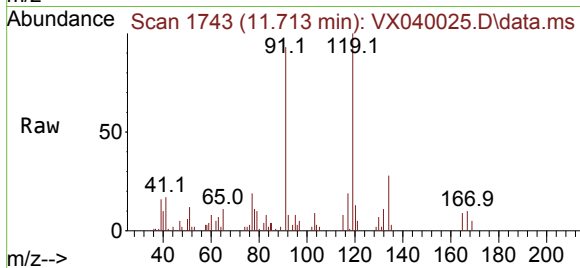
Tgt Ion:119 Resp: 9051

Ion Ratio Lower Upper

119 100

91 64.6 31.2 93.6

134 22.5 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 2.023 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040025.D

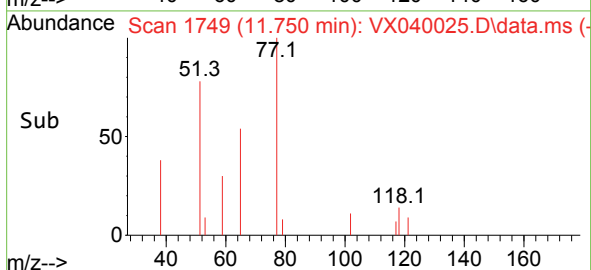
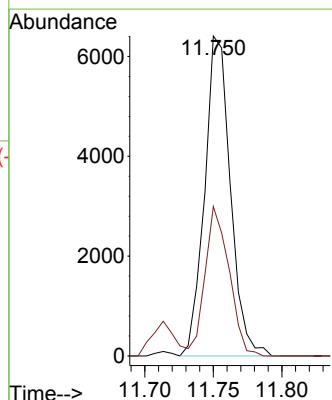
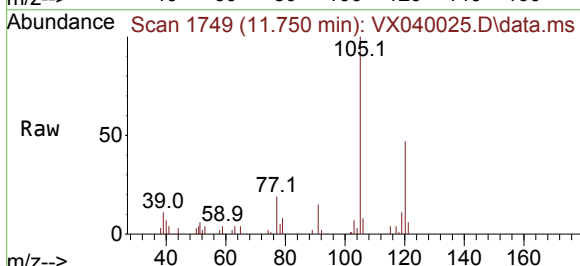
Acq: 30 Jan 2024 17:35

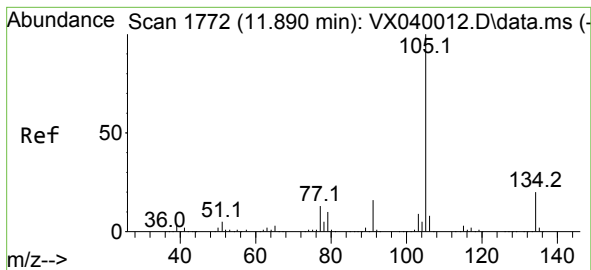
Tgt Ion:105 Resp: 8417

Ion Ratio Lower Upper

105 100

120 43.3 21.2 63.6





#85

sec-Butylbenzene

Concen: 2.088 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

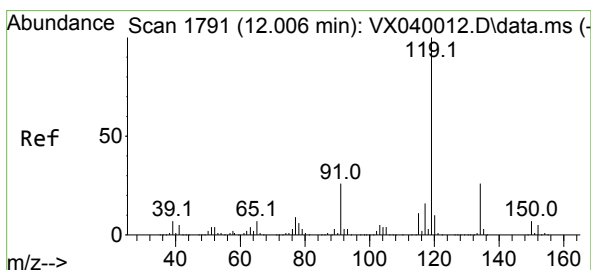
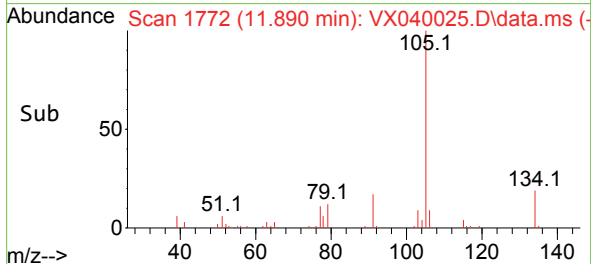
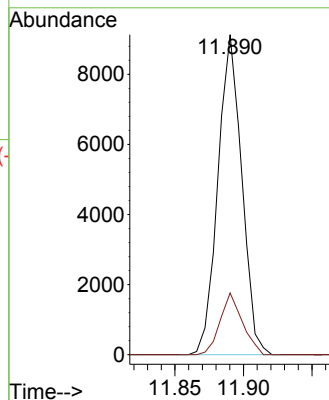
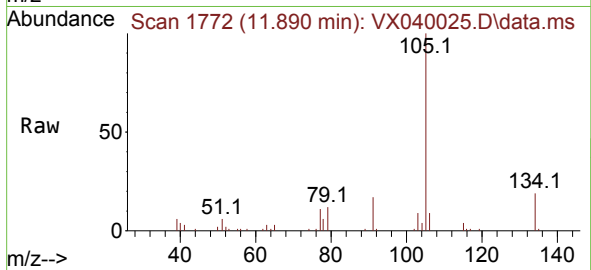
LOD-MDL-WATER-01-QT1-2024

Tgt Ion:105 Resp: 11040

Ion Ratio Lower Upper

105 100

134 18.1 9.8 29.4



#86

p-Isopropyltoluene

Concen: 2.126 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

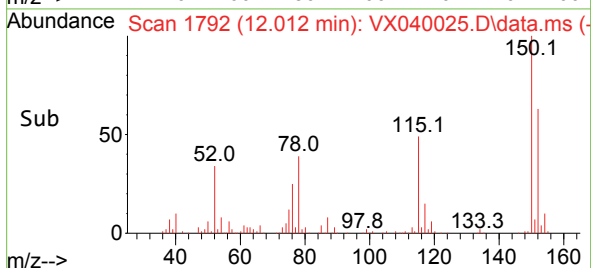
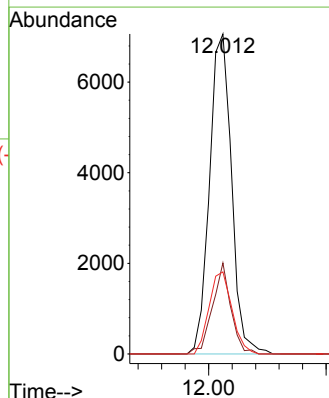
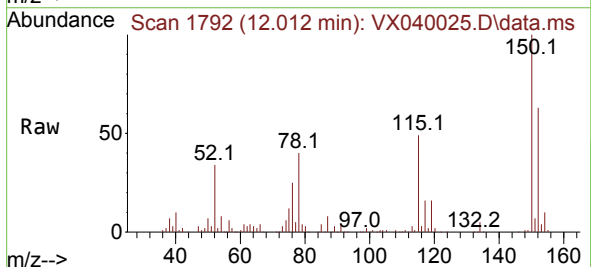
Tgt Ion:119 Resp: 9179

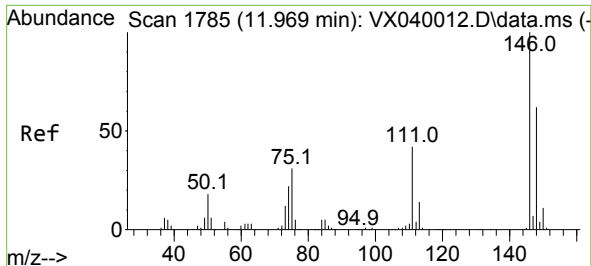
Ion Ratio Lower Upper

119 100

134 23.8 12.8 38.3

91 26.8 13.1 39.3

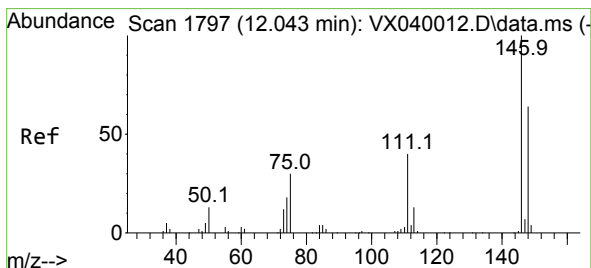
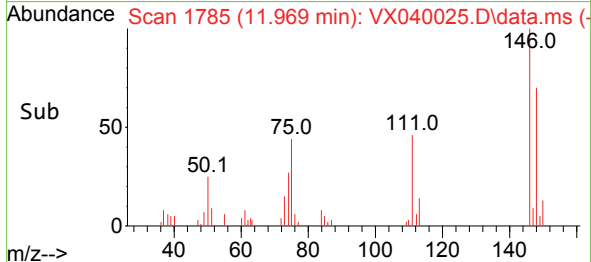
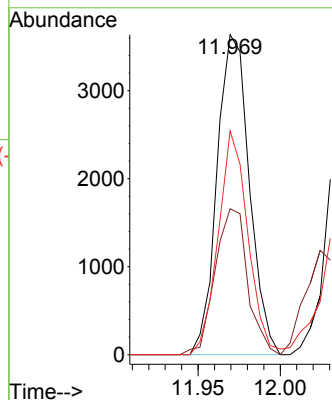
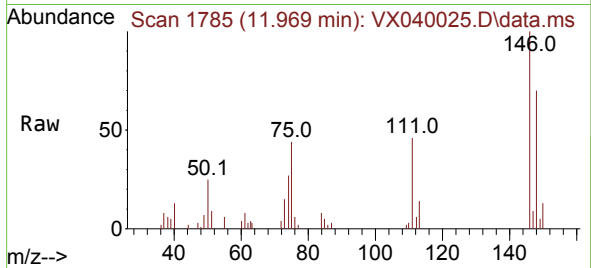




#87  
1,3-Dichlorobenzene  
Concen: 2.203 ug/l  
RT: 11.969 min Scan# 1785  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

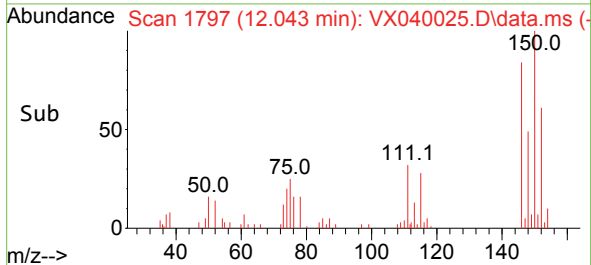
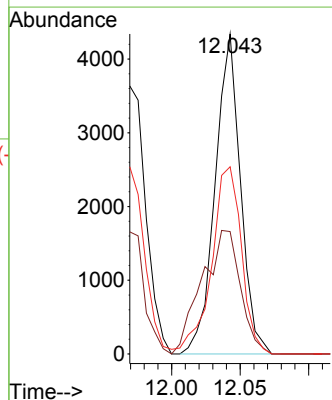
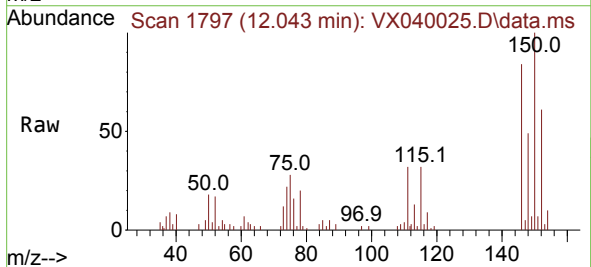
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

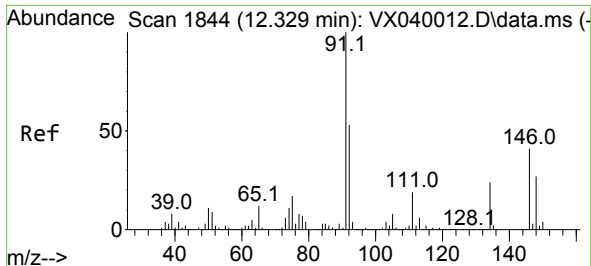
Tgt Ion:146 Resp: 4973  
Ion Ratio Lower Upper  
146 100  
111 45.9 22.1 66.1  
148 64.4 31.8 95.3



#88  
1,4-Dichlorobenzene  
Concen: 2.412 ug/l  
RT: 12.043 min Scan# 1797  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion:146 Resp: 5574  
Ion Ratio Lower Upper  
146 100  
111 58.6 21.3 63.7  
148 69.0 31.8 95.4





#89

n-Butylbenzene

Concen: 2.020 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

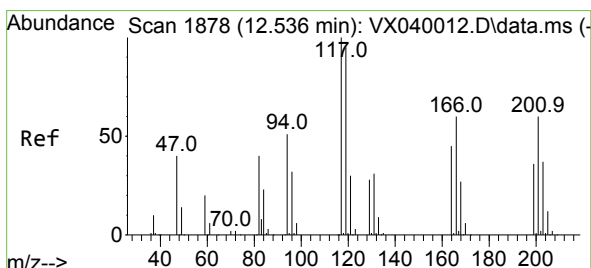
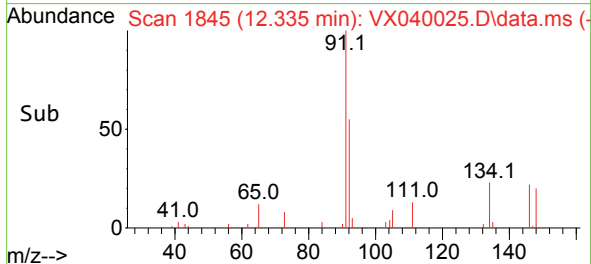
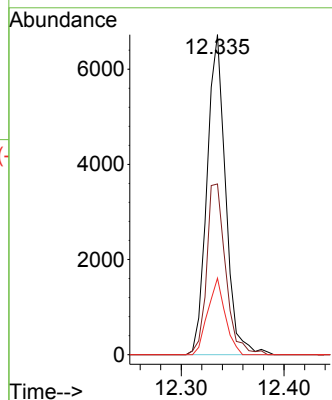
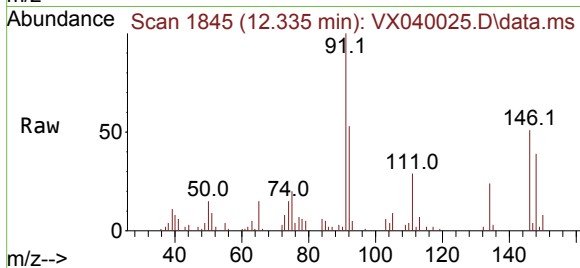
Tgt Ion: 91 Resp: 8465

Ion Ratio Lower Upper

91 100

92 54.5 27.4 82.0

134 22.4 12.6 37.8



#90

Hexachloroethane

Concen: 1.759 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX040025.D

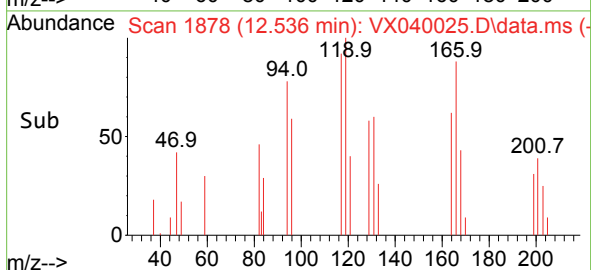
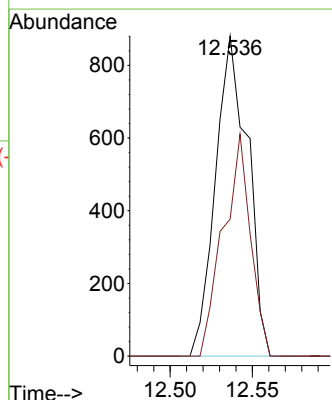
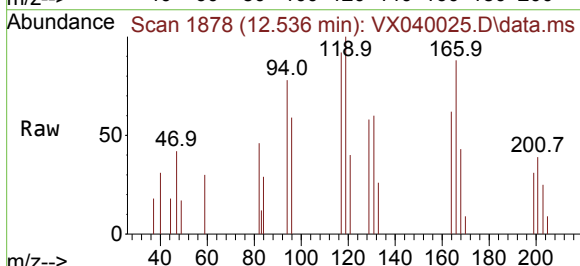
Acq: 30 Jan 2024 17:35

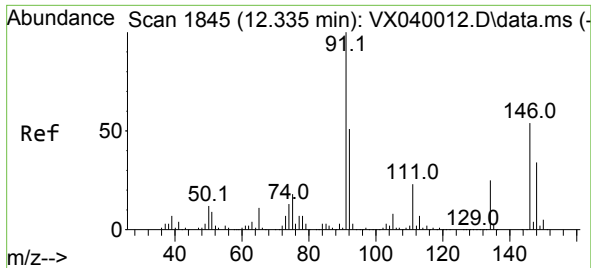
Tgt Ion: 117 Resp: 1200

Ion Ratio Lower Upper

117 100

201 58.6 32.9 98.6

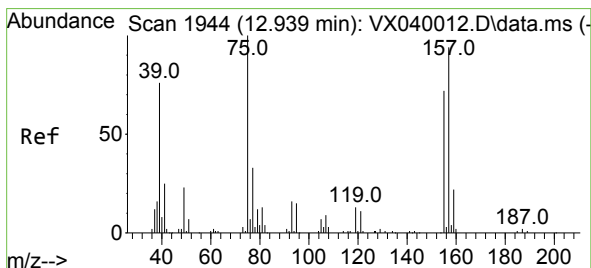
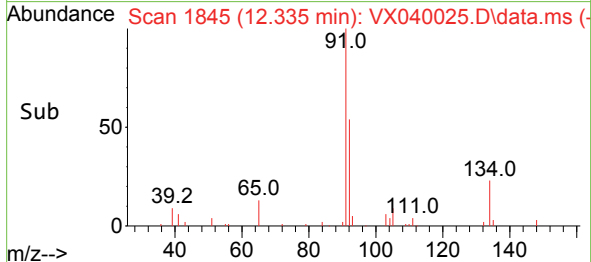
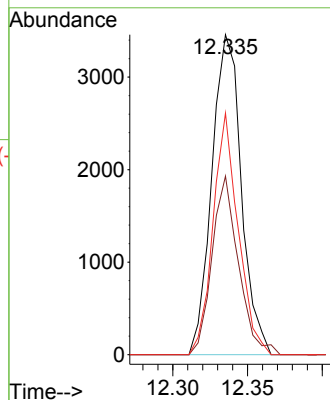
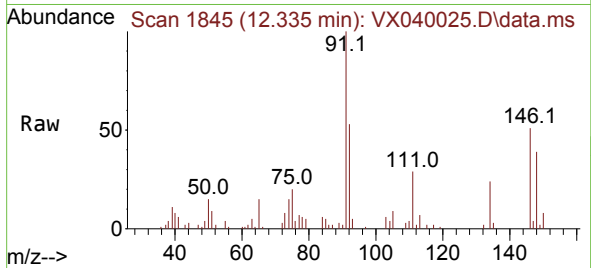




#91  
1,2-Dichlorobenzene  
Concen: 2.176 ug/l  
RT: 12.335 min Scan# 1845  
Delta R.T. 0.000 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

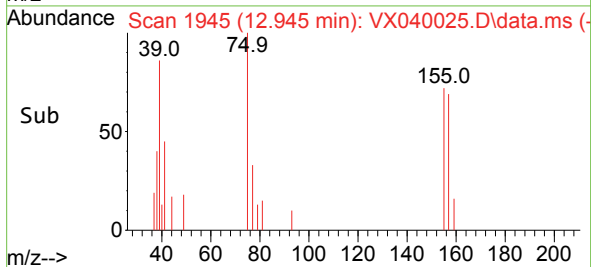
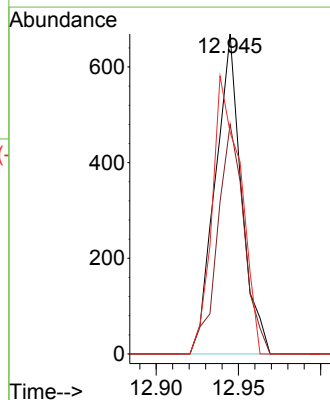
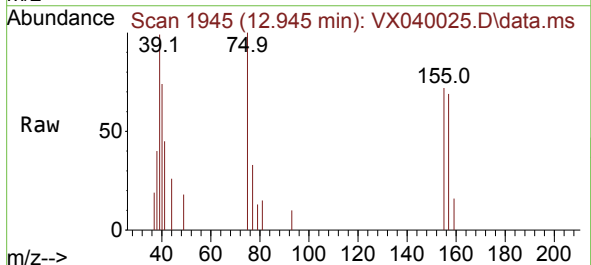
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT1-2024

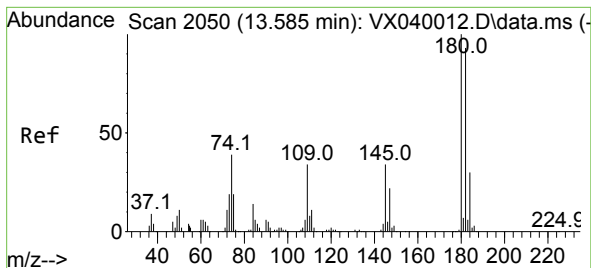
Tgt Ion:146 Resp: 4736  
Ion Ratio Lower Upper  
146 100  
111 50.1 22.4 67.0  
148 64.5 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 1.795 ug/l  
RT: 12.945 min Scan# 1945  
Delta R.T. 0.006 min  
Lab File: VX040025.D  
Acq: 30 Jan 2024 17:35

Tgt Ion: 75 Resp: 742  
Ion Ratio Lower Upper  
75 100  
155 73.0 36.1 108.5  
157 93.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 2.216 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024

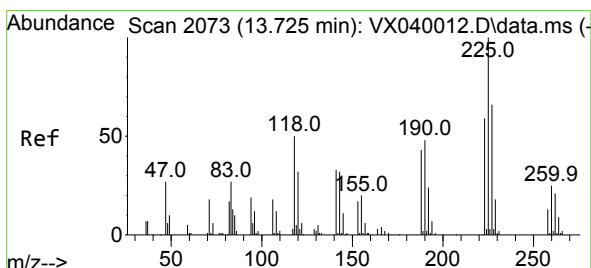
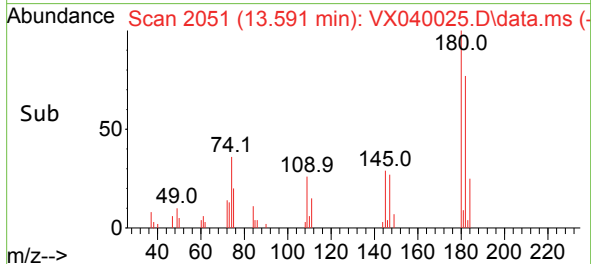
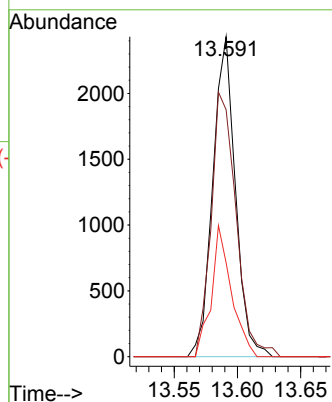
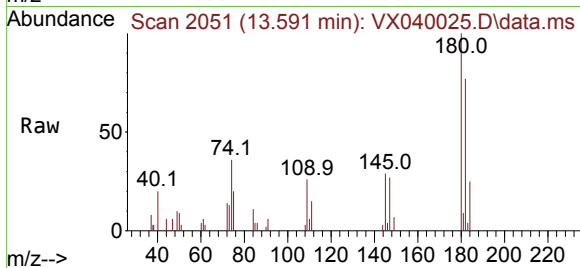
Tgt Ion:180 Resp: 3015

Ion Ratio Lower Upper

180 100

182 91.3 48.3 144.8

145 36.3 18.0 54.0



#94

Hexachlorobutadiene

Concen: 2.202 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

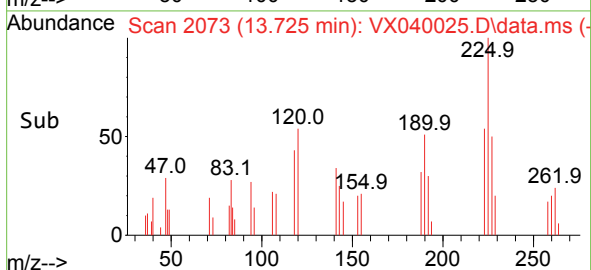
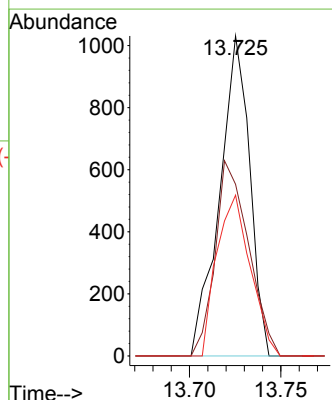
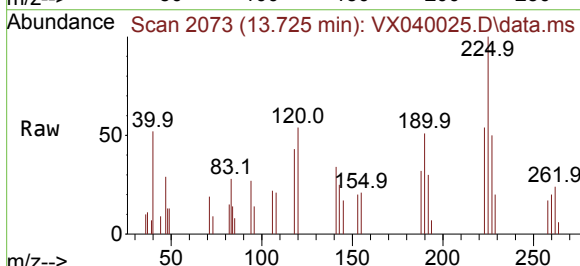
Tgt Ion:225 Resp: 1180

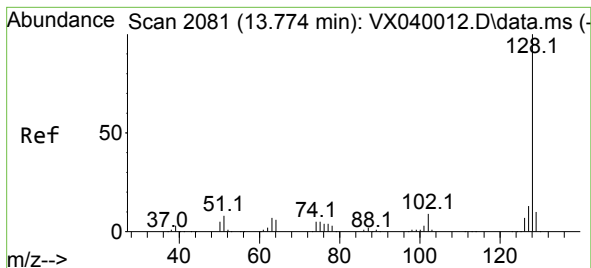
Ion Ratio Lower Upper

225 100

223 67.8 31.1 93.2

227 56.3 32.5 97.5





#95

Naphthalene

Concen: 1.878 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX040025.D

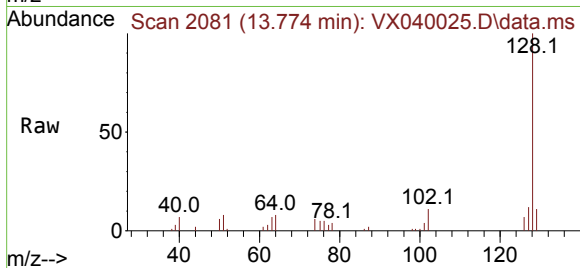
Acq: 30 Jan 2024 17:35

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT1-2024



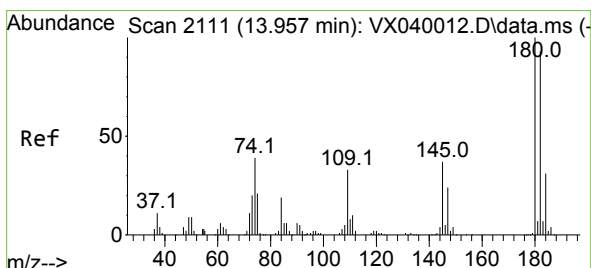
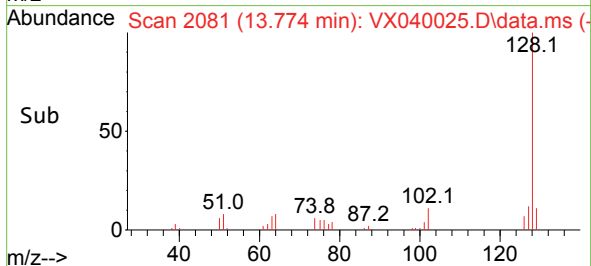
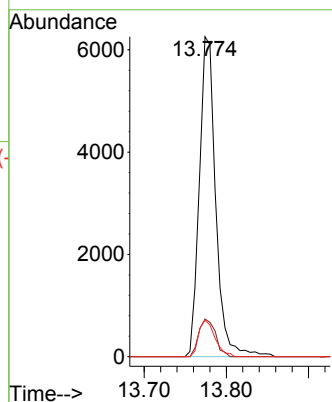
Tgt Ion:128 Resp: 8678

Ion Ratio Lower Upper

128 100

127 12.0 10.3 15.5

129 11.3 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 1.923 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX040025.D

Acq: 30 Jan 2024 17:35

Tgt Ion:180 Resp: 2587

Ion Ratio Lower Upper

180 100

182 115.0 46.9 140.6

145 43.7 17.8 53.5

