

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070725\  
 Data File : VX046901.D  
 Acq On : 07 Jul 2025 12:46  
 Operator : JC/MD  
 Sample : Q2126-07 2.5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 08 04:37:37 2025  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 5.562  | 168  | 366180   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.769  | 114  | 604885   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.055 | 117  | 548713   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.018 | 152  | 283862   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 236839   | 48.958   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =    | 97.920% |
| 35) Dibromofluoromethane    | 5.397  | 113   | 196008   | 47.737   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =    | 95.480% |
| 50) Toluene-d8              | 8.647  | 98    | 698224   | 48.197   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =    | 96.400% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 271838   | 49.373   | ug/l | 0.00    |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =    | 98.740% |

|                              |       |     |        |        |        |     |
|------------------------------|-------|-----|--------|--------|--------|-----|
| Target Compounds             |       |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane   | 1.179 | 85  | 7901   | 2.256  | ug/l   | 91  |
| 3) Chloromethane             | 1.307 | 50  | 9623   | 2.515  | ug/l   | 98  |
| 4) Vinyl Chloride            | 1.386 | 62  | 10202  | 2.449  | ug/l   | 100 |
| 5) Bromomethane              | 1.624 | 94  | 7781   | 2.906  | ug/l # | 74  |
| 6) Chloroethane              | 1.703 | 64  | 6487   | 2.358  | ug/l   | 94  |
| 7) Trichlorofluoromethane    | 1.904 | 101 | 15225  | 2.363  | ug/l   | 99  |
| 8) Diethyl Ether             | 2.148 | 74  | 5576   | 2.432  | ug/l   | 100 |
| 9) 1,1,2-Trichlorotrifluo... | 2.343 | 101 | 10332  | 2.517  | ug/l   | 93  |
| 10) Methyl Iodide            | 2.471 | 142 | 9604   | 2.147  | ug/l   | 94  |
| 11) Tert butyl alcohol       | 2.959 | 59  | 3874   | 12.210 | ug/l # | 92  |
| 12) 1,1-Dichloroethene       | 2.337 | 96  | 9957   | 2.508  | ug/l   | 98  |
| 13) Acrolein                 | 2.252 | 56  | 6035   | 15.929 | ug/l   | 96  |
| 14) Allyl chloride           | 2.678 | 41  | 16600  | 2.348  | ug/l   | 98  |
| 15) Acrylonitrile            | 3.081 | 53  | 22743  | 12.398 | ug/l   | 97  |
| 16) Acetone                  | 2.392 | 43  | 19734  | 13.133 | ug/l   | 97  |
| 17) Carbon Disulfide         | 2.526 | 76  | 25753  | 2.473  | ug/l   | 98  |
| 18) Methyl Acetate           | 2.721 | 43  | 8836   | 2.231  | ug/l   | 98  |
| 19) Methyl tert-butyl Ether  | 3.130 | 73  | 27755  | 2.475  | ug/l   | 94  |
| 20) Methylene Chloride       | 2.800 | 84  | 12806  | 2.882  | ug/l   | 88  |
| 21) trans-1,2-Dichloroethene | 3.111 | 96  | 10256  | 2.524  | ug/l   | 93  |
| 22) Diisopropyl ether        | 3.770 | 45  | 34308  | 2.512  | ug/l # | 52  |
| 23) Vinyl Acetate            | 3.739 | 43  | 122608 | 11.983 | ug/l   | 97  |
| 24) 1,1-Dichloroethane       | 3.623 | 63  | 20007  | 2.569  | ug/l   | 96  |
| 25) 2-Butanone               | 4.593 | 43  | 24918  | 12.429 | ug/l   | 99  |
| 26) 2,2-Dichloropropane      | 4.489 | 77  | 13875  | 2.394  | ug/l   | 98  |
| 27) cis-1,2-Dichloroethene   | 4.513 | 96  | 12968  | 2.614  | ug/l   | 97  |
| 28) Bromochloromethane       | 4.916 | 49  | 9679   | 2.518  | ug/l   | 86  |
| 29) Tetrahydrofuran          | 5.026 | 42  | 16778  | 13.128 | ug/l # | 82  |
| 30) Chloroform               | 5.117 | 83  | 20888  | 2.625  | ug/l   | 95  |
| 31) Cyclohexane              | 5.489 | 56  | 16881  | 2.441  | ug/l   | 98  |
| 32) 1,1,1-Trichloroethane    | 5.397 | 97  | 16405  | 2.468  | ug/l   | 98  |
| 36) 1,1-Dichloropropene      | 5.702 | 75  | 12799  | 2.310  | ug/l   | 91  |
| 37) Ethyl Acetate            | 4.745 | 43  | 9810   | 2.079  | ug/l # | 96  |
| 38) Carbon Tetrachloride     | 5.690 | 117 | 14362  | 2.452  | ug/l   | 97  |
| 39) Methylcyclohexane        | 7.385 | 83  | 17316  | 2.499  | ug/l   | 98  |
| 40) Benzene                  | 6.050 | 78  | 44445  | 2.652  | ug/l   | 96  |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070725\  
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 Acq On : 07 Jul 2025 12:46  
 Operator : JC/MD  
 Sample : Q2126-07 2.5PPB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 08 04:37:37 2025  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 41) Methacrylonitrile         | 4.946  | 41   | 6420     | 2.551  | ug/l # | 87       |
| 42) 1,2-Dichloroethane        | 6.099  | 62   | 14872    | 2.614  | ug/l   | 99       |
| 43) Isopropyl Acetate         | 6.355  | 43   | 17973    | 2.487  | ug/l # | 91       |
| 44) Trichloroethene           | 7.141  | 130  | 11356    | 2.604  | ug/l   | 99       |
| 45) 1,2-Dichloropropane       | 7.440  | 63   | 10563    | 2.495  | ug/l   | 96       |
| 46) Dibromomethane            | 7.598  | 93   | 7627     | 2.600  | ug/l   | 96       |
| 47) Bromodichloromethane      | 7.830  | 83   | 15444    | 2.466  | ug/l   | 96       |
| 48) Methyl methacrylate       | 7.714  | 41   | 9230     | 2.473  | ug/l   | 90       |
| 49) 1,4-Dioxane               | 7.678  | 88   | 1798     | 41.583 | ug/l # | 55       |
| 51) 4-Methyl-2-Pentanone      | 8.574  | 43   | 52041    | 12.201 | ug/l   | 99       |
| 52) Toluene                   | 8.720  | 92   | 27096    | 2.610  | ug/l   | 97       |
| 53) t-1,3-Dichloropropene     | 8.988  | 75   | 13263    | 2.373  | ug/l # | 88       |
| 54) cis-1,3-Dichloropropene   | 8.379  | 75   | 14722    | 2.307  | ug/l # | 83       |
| 55) 1,1,2-Trichloroethane     | 9.153  | 97   | 10301    | 2.663  | ug/l # | 77       |
| 56) Ethyl methacrylate        | 9.122  | 69   | 11634    | 2.173  | ug/l # | 89       |
| 57) 1,3-Dichloropropane       | 9.311  | 76   | 17683    | 2.655  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 8.251  | 63   | 34053    | 11.290 | ug/l   | 99       |
| 59) 2-Hexanone                | 9.433  | 43   | 36430    | 12.877 | ug/l   | 94       |
| 60) Dibromochloromethane      | 9.525  | 129  | 11189    | 2.417  | ug/l   | 98       |
| 61) 1,2-Dibromoethane         | 9.610  | 107  | 9880     | 2.544  | ug/l   | 99       |
| 64) Tetrachloroethene         | 9.275  | 164  | 10091    | 2.762  | ug/l # | 84       |
| 65) Chlorobenzene             | 10.080 | 112  | 30947    | 2.609  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 10.165 | 131  | 9668     | 2.424  | ug/l   | 97       |
| 67) Ethyl Benzene             | 10.195 | 91   | 51326    | 2.526  | ug/l   | 99       |
| 68) m/p-Xylenes               | 10.299 | 106  | 39568    | 5.169  | ug/l   | 97       |
| 69) o-Xylene                  | 10.640 | 106  | 18150    | 2.454  | ug/l   | 95       |
| 70) Styrene                   | 10.659 | 104  | 30819    | 2.436  | ug/l   | 98       |
| 71) Bromoform                 | 10.799 | 173  | 7260     | 2.448  | ug/l # | 95       |
| 73) Isopropylbenzene          | 10.964 | 105  | 50032    | 2.507  | ug/l   | 98       |
| 74) N-amyl acetate            | 10.842 | 43   | 15906    | 2.346  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane | 11.207 | 83   | 14460    | 2.635  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane    | 11.238 | 75   | 12318    | 2.808  | ug/l   | 92       |
| 77) Bromobenzene              | 11.201 | 156  | 12870    | 2.589  | ug/l   | 98       |
| 78) n-propylbenzene           | 11.305 | 91   | 61822    | 2.569  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 11.366 | 91   | 37733    | 2.656  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 40397    | 2.491  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 11.079 | 75   | 136515   | 83.523 | ug/l # | 8        |
| 82) 4-Chlorotoluene           | 11.451 | 91   | 43283    | 2.640  | ug/l   | 98       |
| 83) tert-Butylbenzene         | 11.713 | 119  | 41291    | 2.466  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 40007    | 2.441  | ug/l   | 98       |
| 85) sec-Butylbenzene          | 11.890 | 105  | 52940    | 2.507  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 12.006 | 119  | 43784    | 2.476  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 11.969 | 146  | 24355    | 2.620  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene       | 12.037 | 146  | 25762    | 2.663  | ug/l   | 90       |
| 89) n-Butylbenzene            | 12.329 | 91   | 39504    | 2.378  | ug/l   | 97       |
| 90) Hexachloroethane          | 12.536 | 117  | 7020     | 2.240  | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene       | 12.335 | 146  | 23051    | 2.559  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 12.939 | 75   | 2549     | 2.656  | ug/l   | 84       |
| 93) 1,2,4-Trichlorobenzene    | 13.585 | 180  | 14271    | 2.332  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 13.719 | 225  | 5542     | 2.401  | ug/l   | 98       |
| 95) Naphthalene               | 13.774 | 128  | 37883    | 2.349  | ug/l   | 98       |
| 96) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 13181    | 2.280  | ug/l   | 97       |

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Data File : VX046901.D  
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Operator : JC/MD  
Sample : Q2126-07 2.5PPB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 12 Sample Multiplier: 1

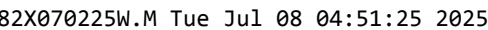
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

Quant Time: Jul 08 04:51:11 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 08 04:37:37 2025  
Response via : Initial Calibration

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

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

Quant Time: Jul 08 04:51:11 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X070225W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 08 04:37:37 2025  
Response via : Initial Calibration

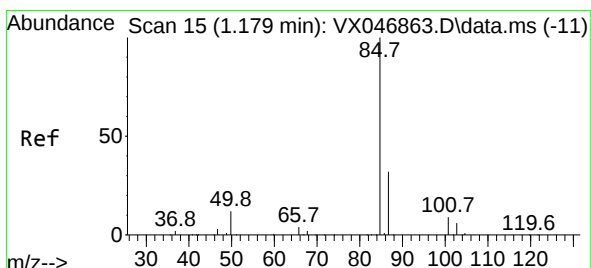
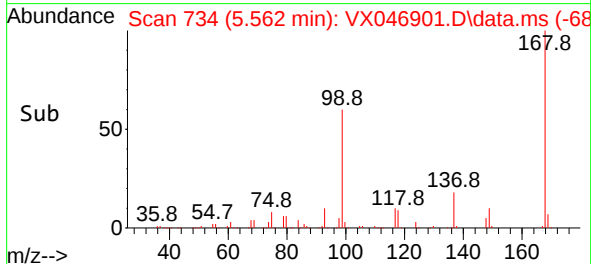
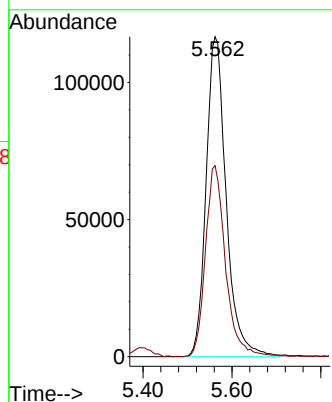
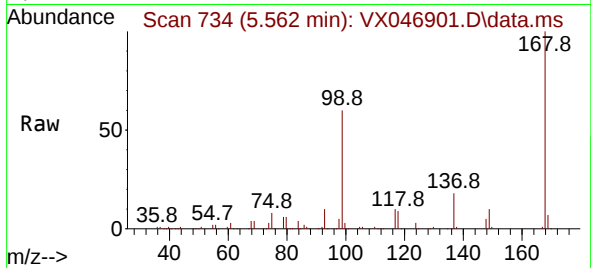




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

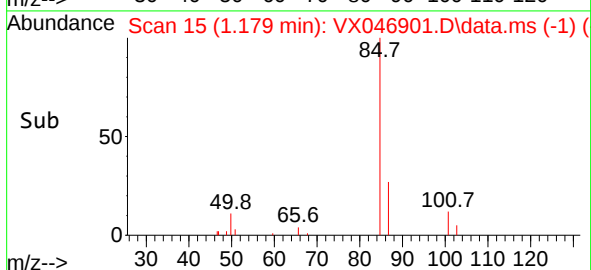
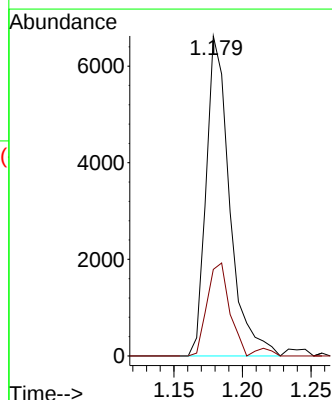
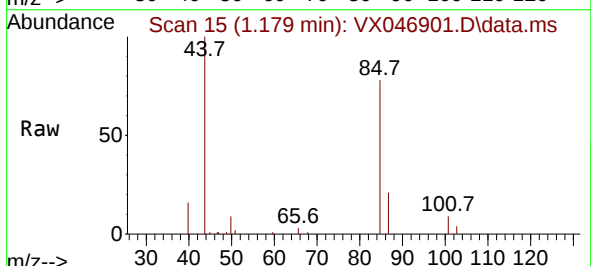
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

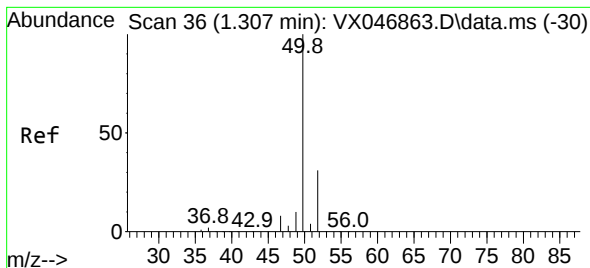
Tgt Ion:168 Resp: 366180  
Ion Ratio Lower Upper  
168 100  
99 59.6 48.8 73.2



#2  
Dichlorodifluoromethane  
Concen: 2.256 ug/l  
RT: 1.179 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 85 Resp: 7901  
Ion Ratio Lower Upper  
85 100  
87 27.0 16.0 47.9





#3

Chloromethane

Concen: 2.515 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

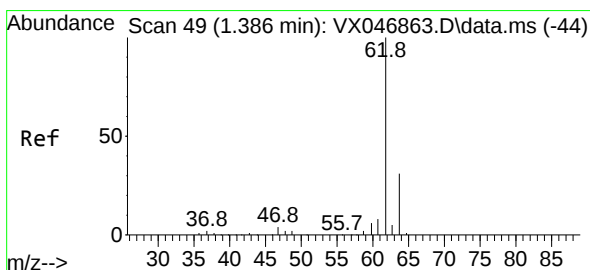
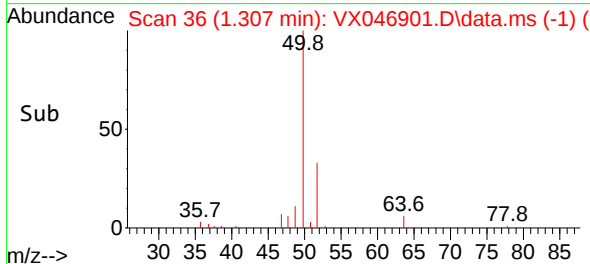
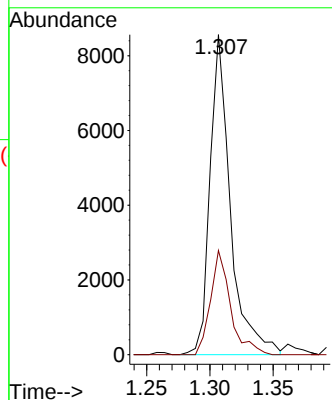
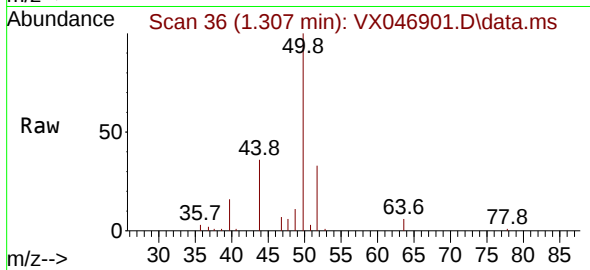
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 50 Resp: 9623

Ion Ratio Lower Upper

50 100

52 32.5 25.0 37.4



#4

Vinyl Chloride

Concen: 2.449 ug/l

RT: 1.386 min Scan# 49

Delta R.T. 0.000 min

Lab File: VX046901.D

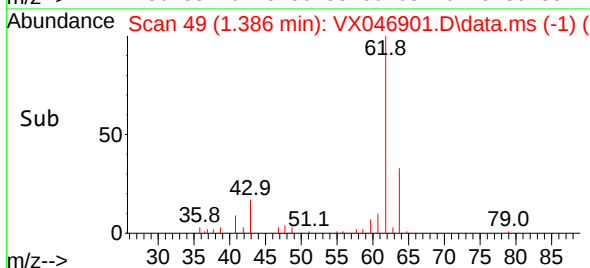
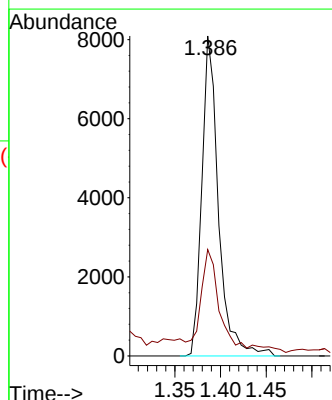
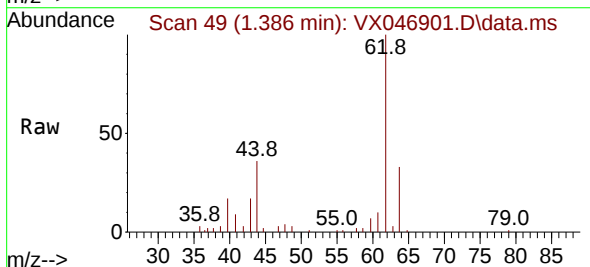
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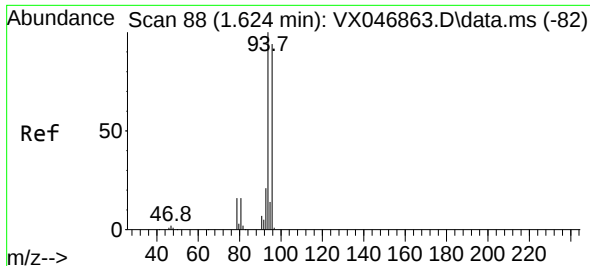
Tgt Ion: 62 Resp: 10202

Ion Ratio Lower Upper

62 100

64 31.2 25.0 37.4

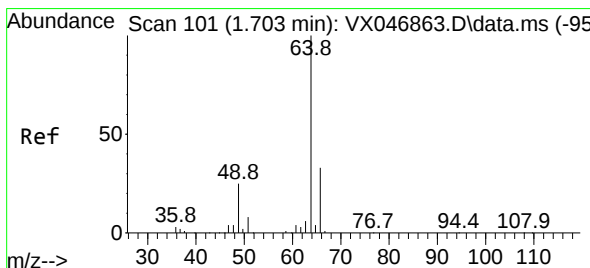
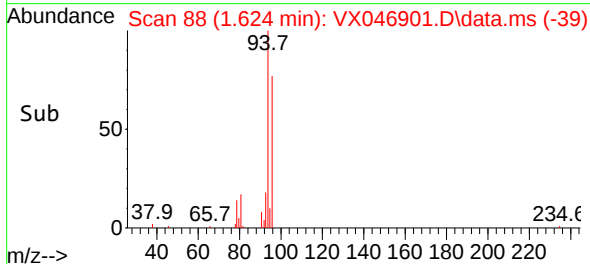
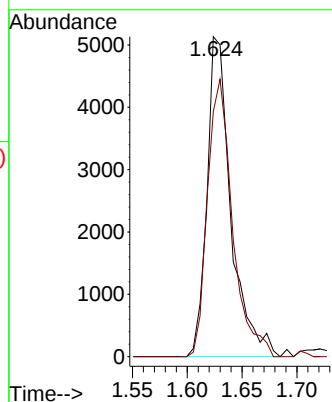
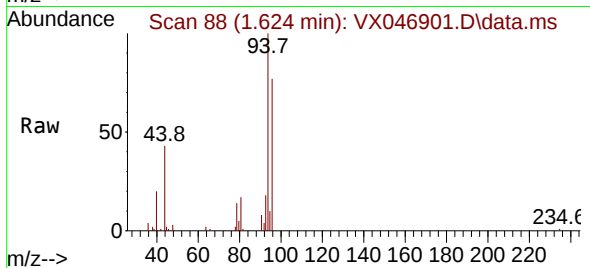




#5  
Bromomethane  
Concen: 2.906 ug/l  
RT: 1.624 min Scan# 88  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

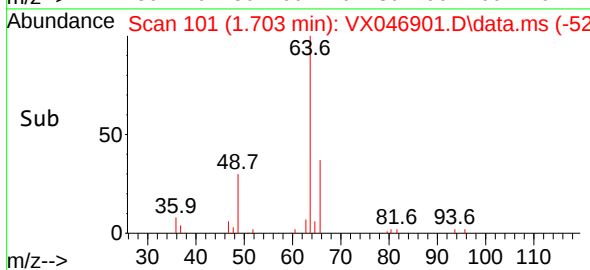
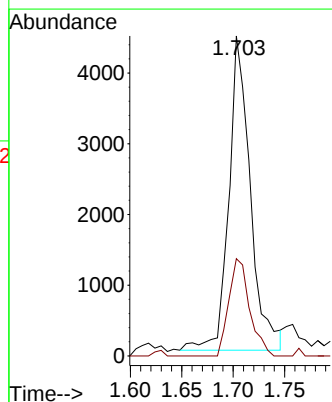
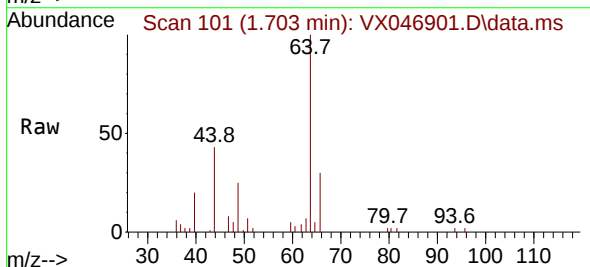
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

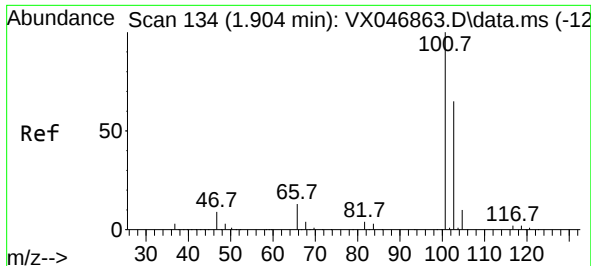
Tgt Ion: 94 Resp: 7781  
Ion Ratio Lower Upper  
94 100  
96 69.5 75.5 113.3#



#6  
Chloroethane  
Concen: 2.358 ug/l  
RT: 1.703 min Scan# 101  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 64 Resp: 6487  
Ion Ratio Lower Upper  
64 100  
66 29.4 26.4 39.6

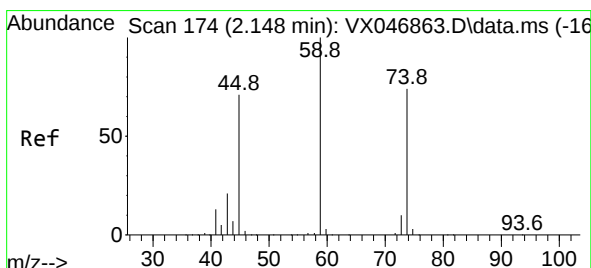
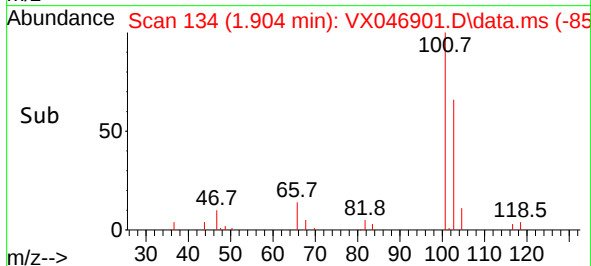
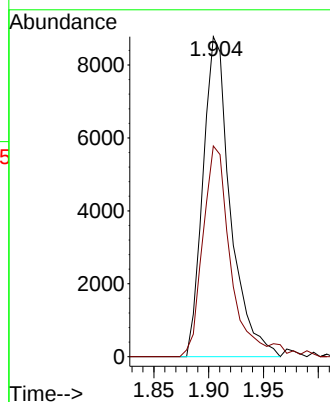
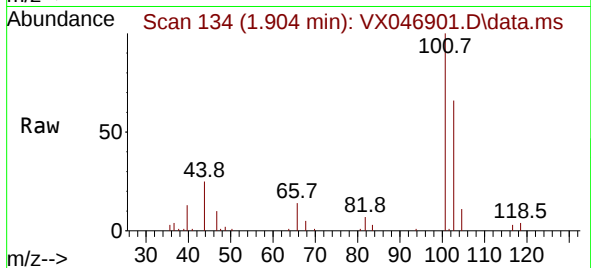




#7  
Trichlorofluoromethane  
Concen: 2.363 ug/l  
RT: 1.904 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

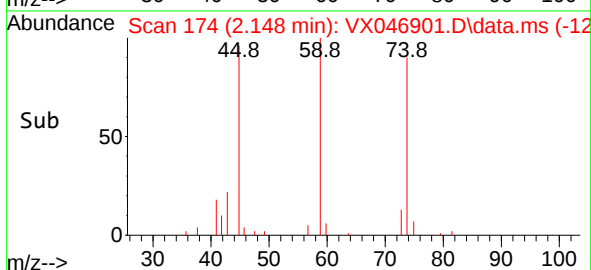
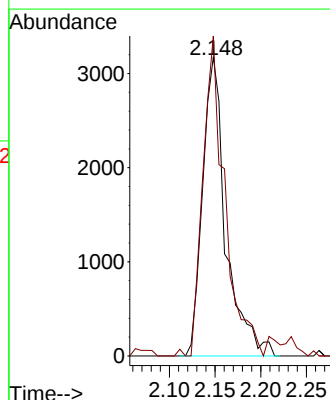
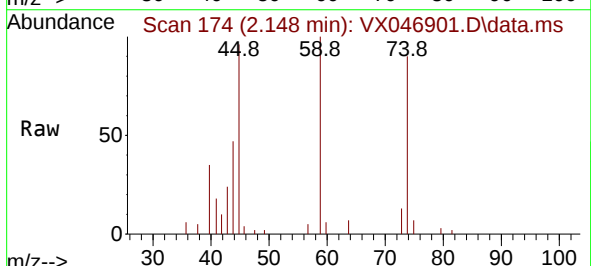
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

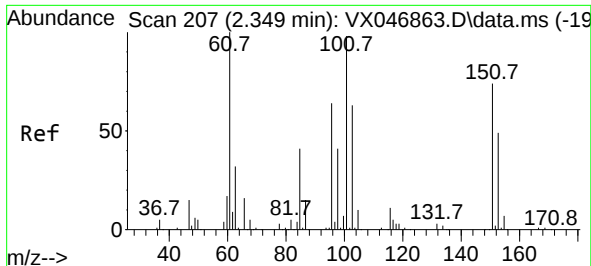
Tgt Ion:101 Resp: 15225  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.9 77.9



#8  
Diethyl Ether  
Concen: 2.432 ug/l  
RT: 2.148 min Scan# 174  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 74 Resp: 5576  
Ion Ratio Lower Upper  
74 100  
45 101.7 50.7 152.1

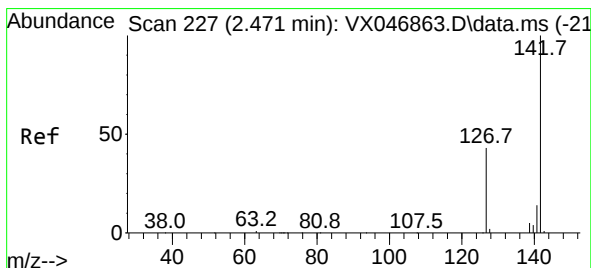
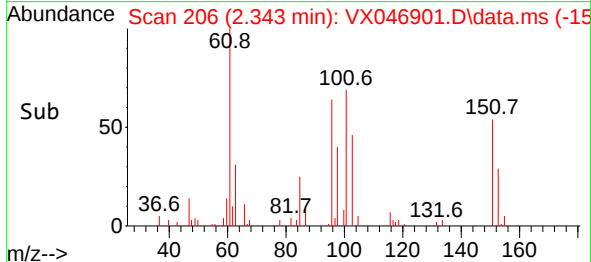
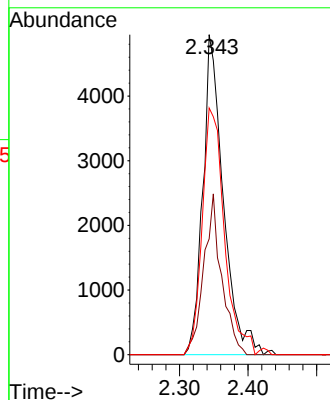
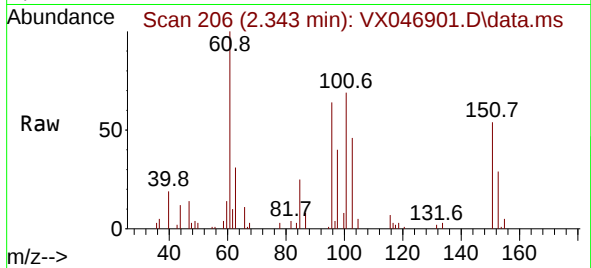




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 2.517 ug/l  
RT: 2.343 min Scan# 207  
Delta R.T. -0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

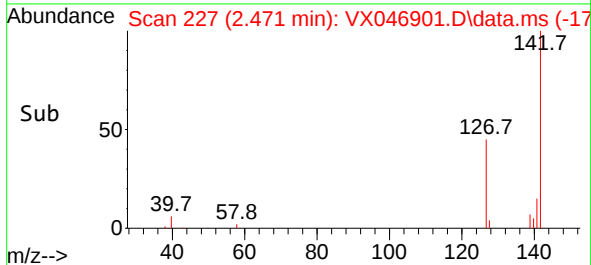
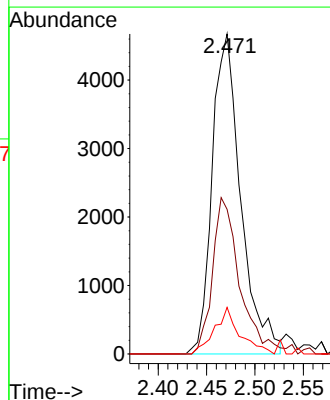
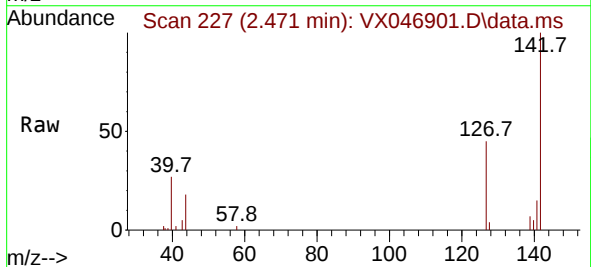
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

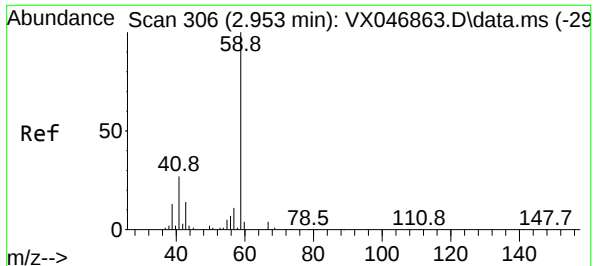
Tgt Ion:101 Resp: 10332  
Ion Ratio Lower Upper  
101 100  
85 43.7 34.3 51.5  
151 83.4 59.9 89.9



#10  
Methyl Iodide  
Concen: 2.147 ug/l  
RT: 2.471 min Scan# 227  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:142 Resp: 9604  
Ion Ratio Lower Upper  
142 100  
127 47.8 34.9 52.3  
141 12.9 11.1 16.7

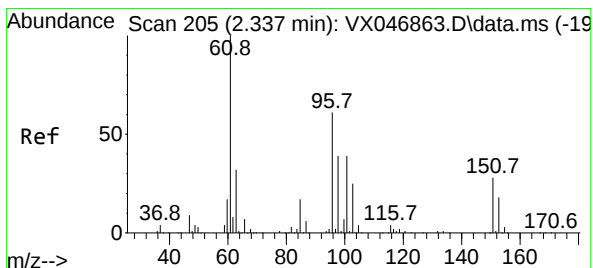
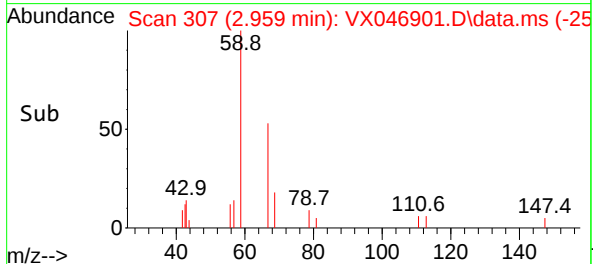
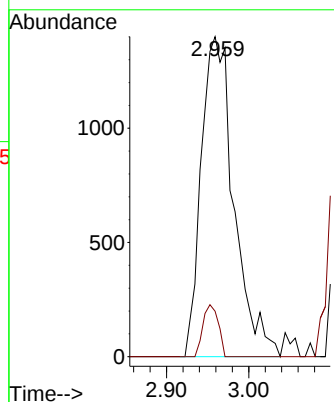
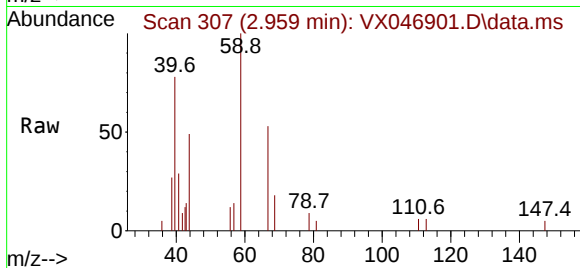




#11  
Tert butyl alcohol  
Concen: 12.210 ug/l  
RT: 2.959 min Scan# 306  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

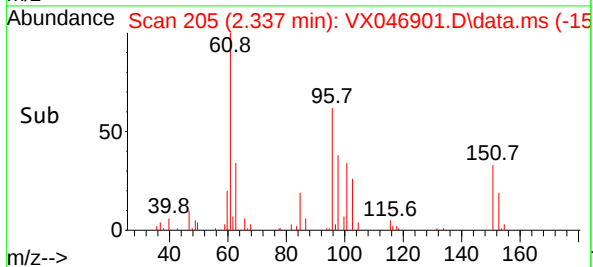
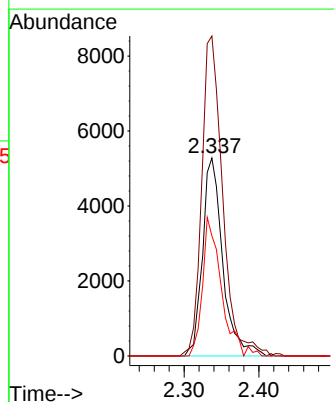
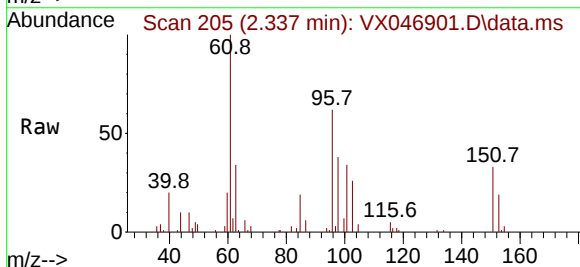
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

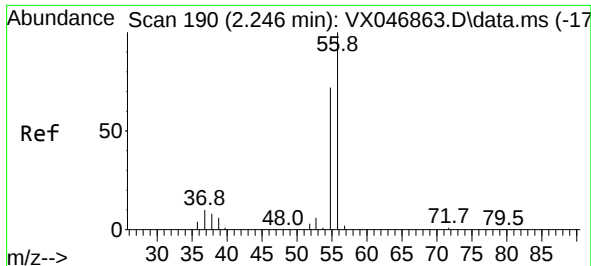
Tgt Ion: 59 Resp: 3874  
Ion Ratio Lower Upper  
59 100  
57 7.6 8.5 12.7#



#12  
1,1-Dichloroethene  
Concen: 2.508 ug/l  
RT: 2.337 min Scan# 205  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 96 Resp: 9957  
Ion Ratio Lower Upper  
96 100  
61 161.7 130.2 195.4  
98 60.7 51.3 76.9

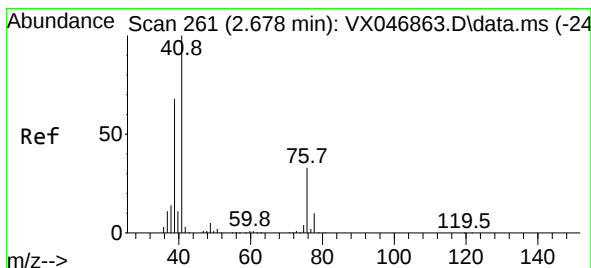
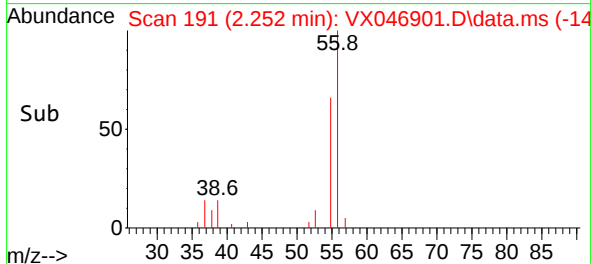
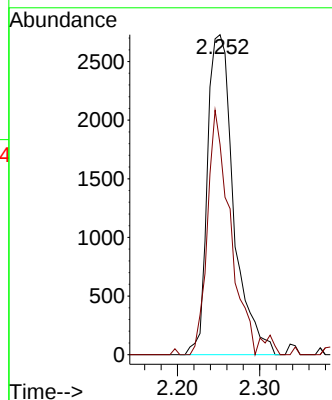
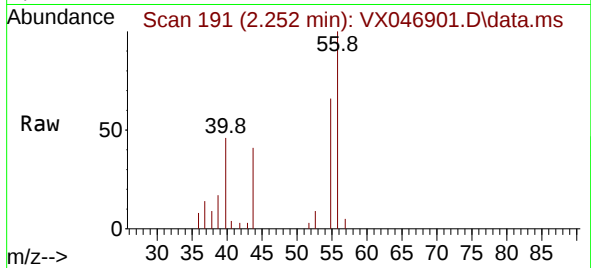




#13  
Acrolein  
Concen: 15.929 ug/l  
RT: 2.252 min Scan# 190  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

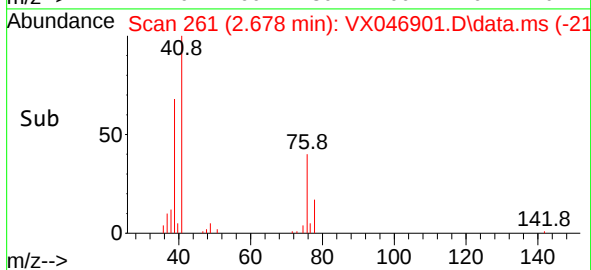
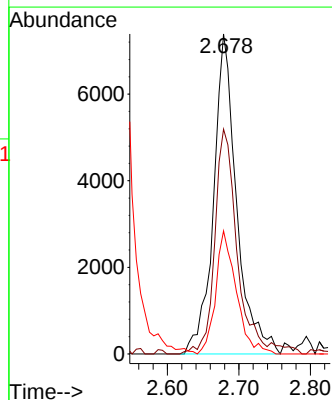
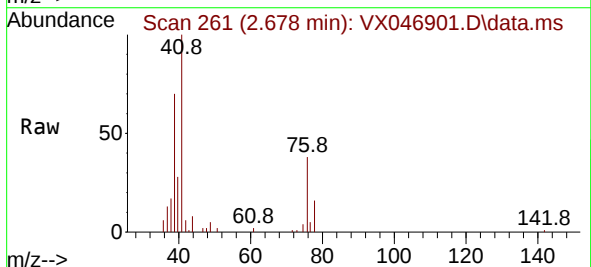
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

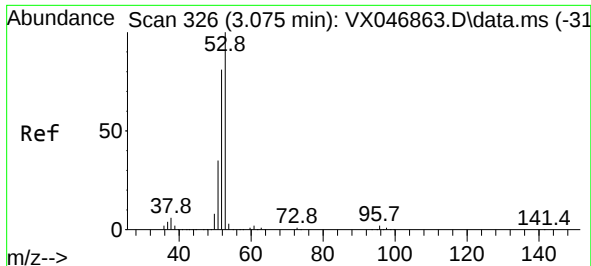
Tgt Ion: 56 Resp: 6035  
Ion Ratio Lower Upper  
56 100  
55 65.9 55.5 83.3



#14  
Allyl chloride  
Concen: 2.348 ug/l  
RT: 2.678 min Scan# 261  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 41 Resp: 16600  
Ion Ratio Lower Upper  
41 100  
39 66.6 52.0 78.0  
76 34.4 26.2 39.2

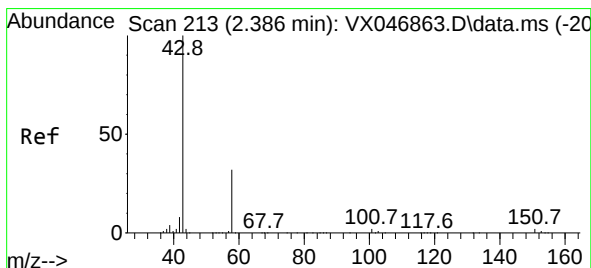
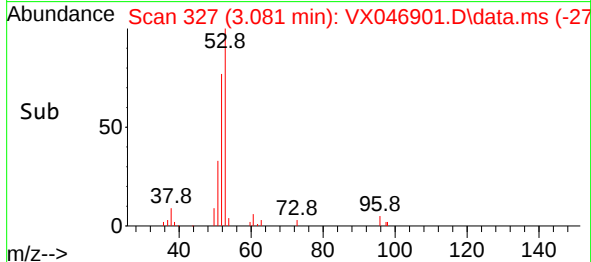
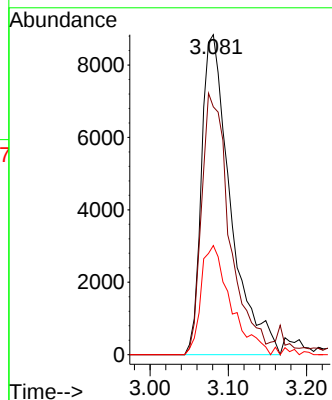
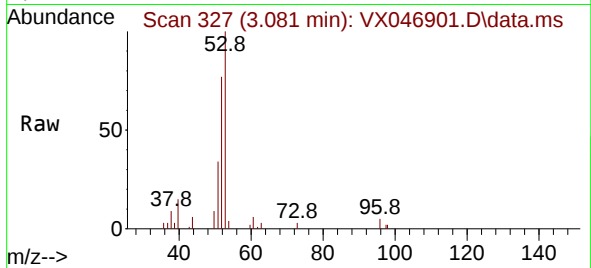




#15  
Acrylonitrile  
Concen: 12.398 ug/l  
RT: 3.081 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

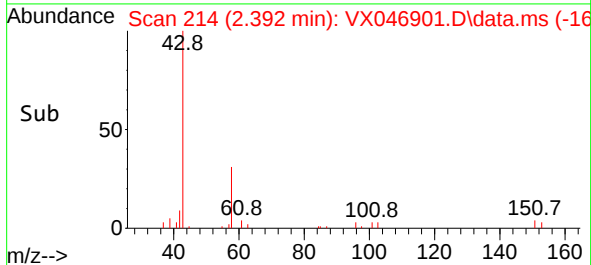
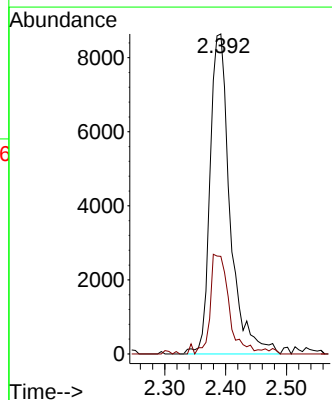
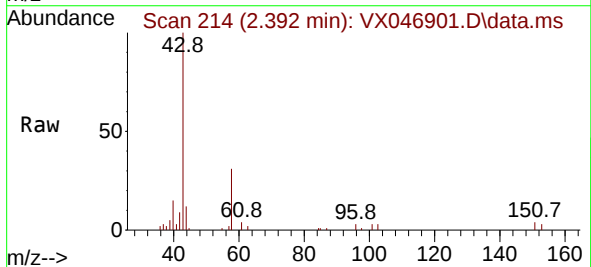
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

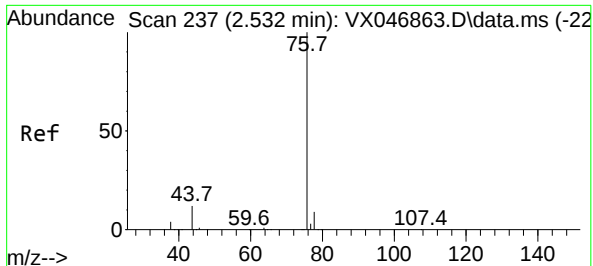
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 22743 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 79.7  | 66.0  | 99.0  |
| 51       | 34.9  | 28.6  | 43.0  |



#16  
Acetone  
Concen: 13.133 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 19734 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.5  | 25.8  | 38.6  |

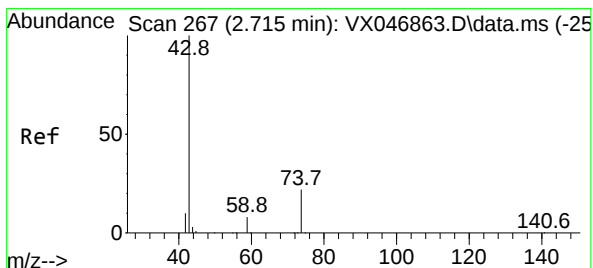
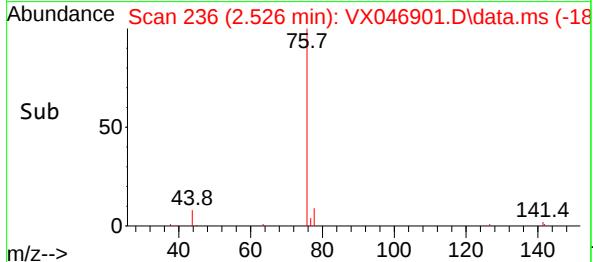
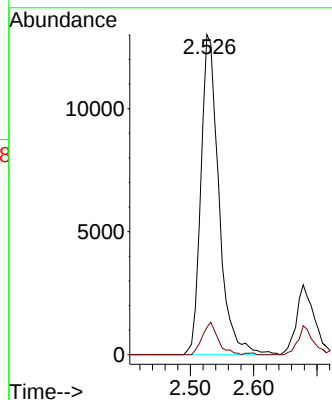
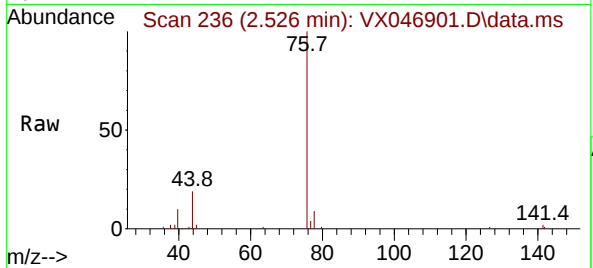




#17  
Carbon Disulfide  
Concen: 2.473 ug/l  
RT: 2.526 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

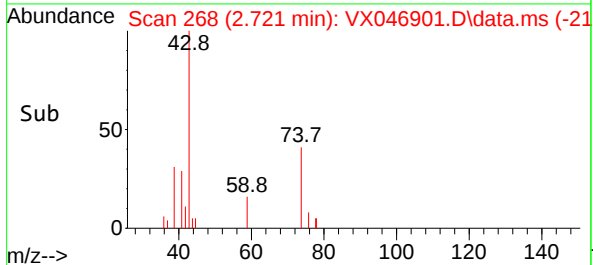
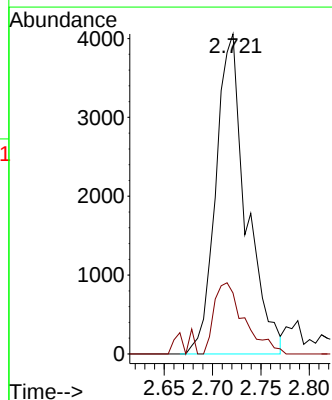
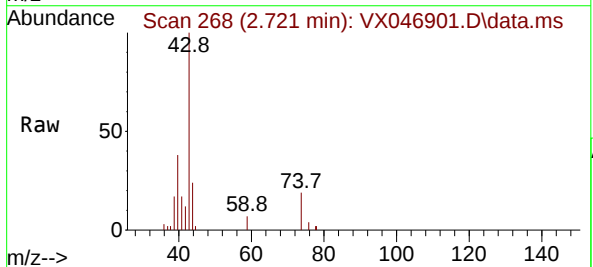
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

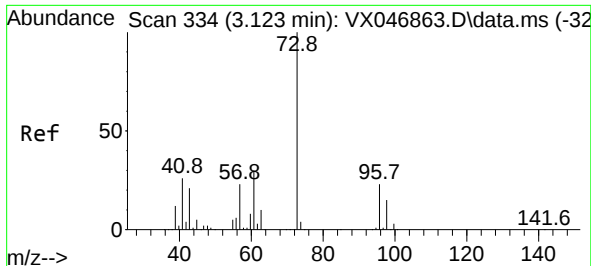
Tgt Ion: 76 Resp: 25753  
Ion Ratio Lower Upper  
76 100  
78 8.6 7.4 11.2



#18  
Methyl Acetate  
Concen: 2.231 ug/l  
RT: 2.721 min Scan# 268  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 43 Resp: 8836  
Ion Ratio Lower Upper  
43 100  
74 22.2 18.3 27.5

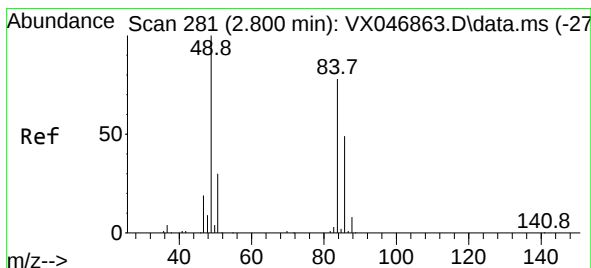
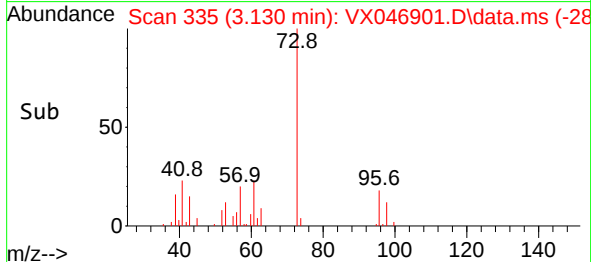
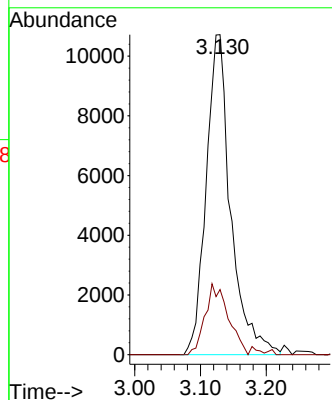
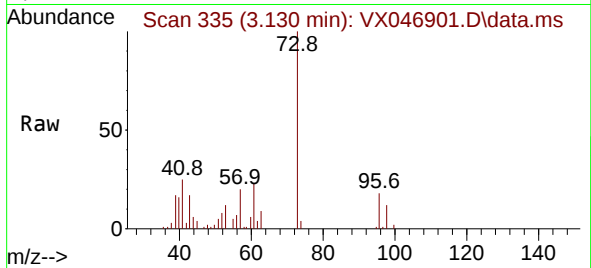




#19  
Methyl tert-butyl Ether  
Concen: 2.475 ug/l  
RT: 3.130 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

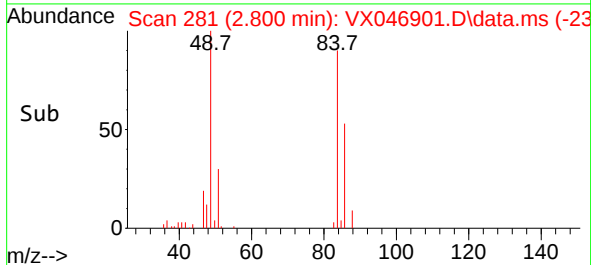
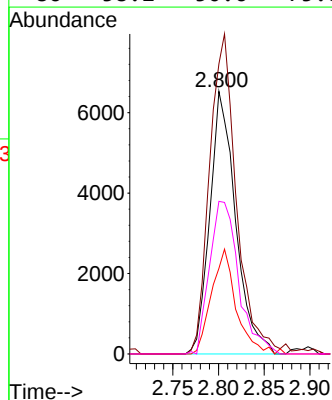
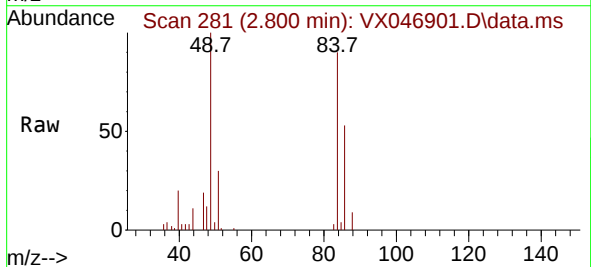
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

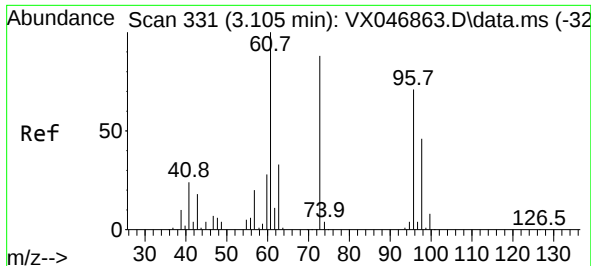
Tgt Ion: 73 Resp: 27755  
Ion Ratio Lower Upper  
73 100  
57 20.4 18.6 28.0



#20  
Methylene Chloride  
Concen: 2.882 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 84 Resp: 12806  
Ion Ratio Lower Upper  
84 100  
49 110.5 102.8 154.2  
51 33.8 31.1 46.7  
86 58.2 50.6 75.8

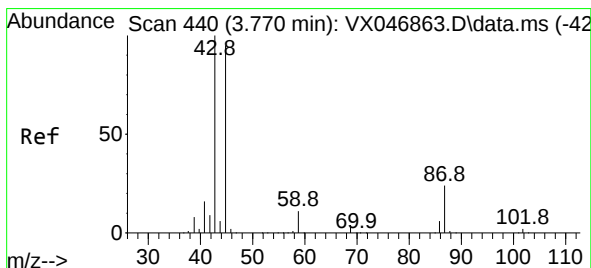
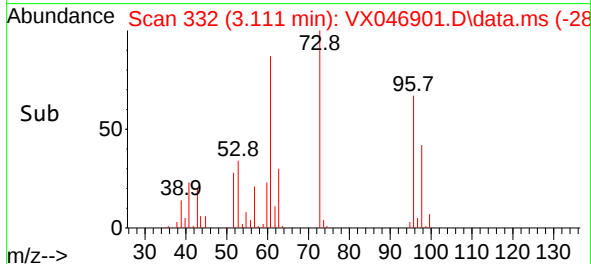
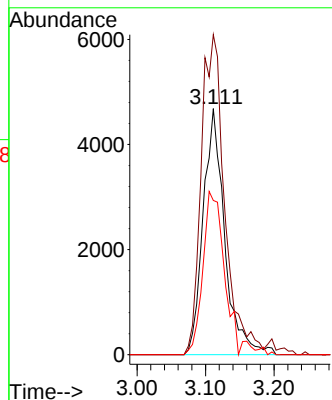
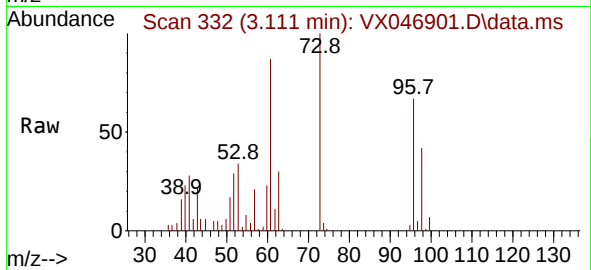




#21  
trans-1,2-Dichloroethene  
Concen: 2.524 ug/l  
RT: 3.111 min Scan# 311  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

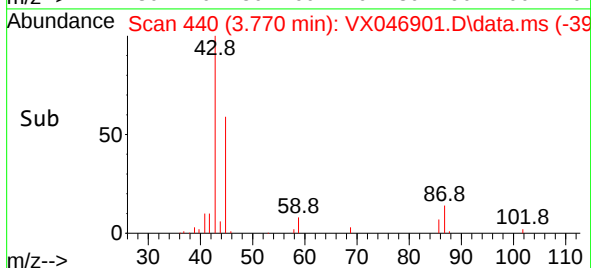
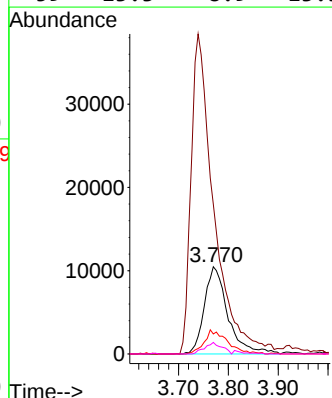
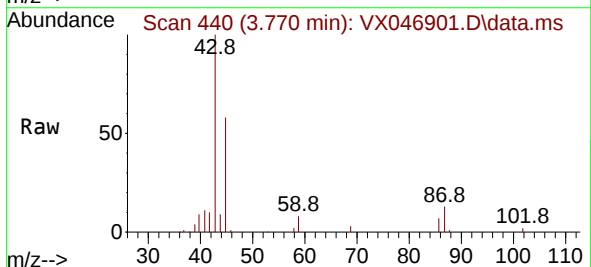
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

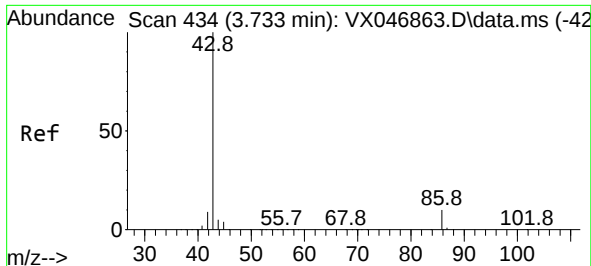
Tgt Ion: 96 Resp: 10256  
Ion Ratio Lower Upper  
96 100  
61 130.0 113.4 170.2  
98 62.7 51.8 77.6



#22  
Diisopropyl ether  
Concen: 2.512 ug/l  
RT: 3.770 min Scan# 440  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 45 Resp: 34308  
Ion Ratio Lower Upper  
45 100  
43 171.6 84.2 126.4#  
87 24.9 20.3 30.5  
59 13.3 8.9 13.3

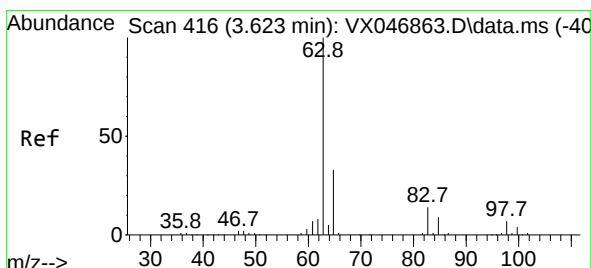
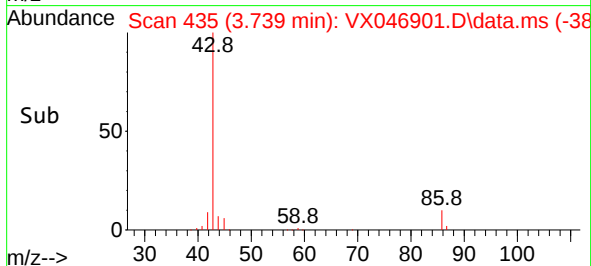
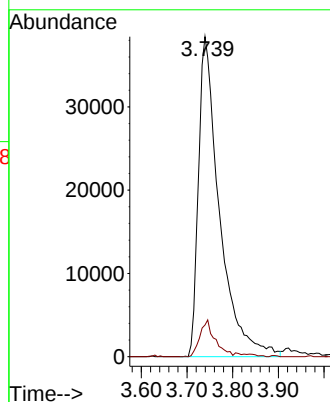
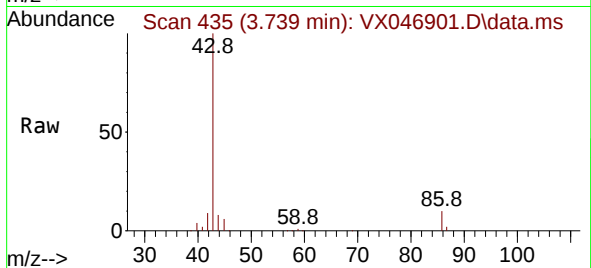




#23  
 Vinyl Acetate  
 Concen: 11.983 ug/l  
 RT: 3.739 min Scan# 41  
 Delta R.T. 0.006 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

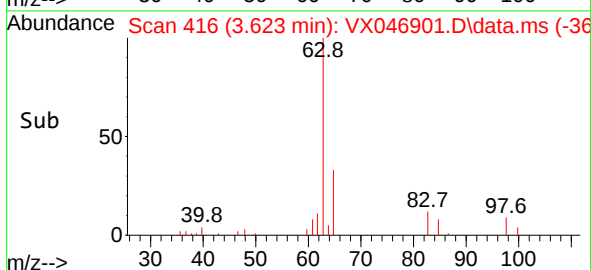
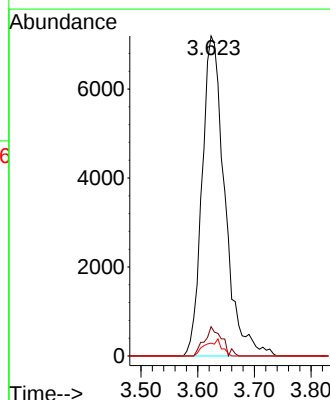
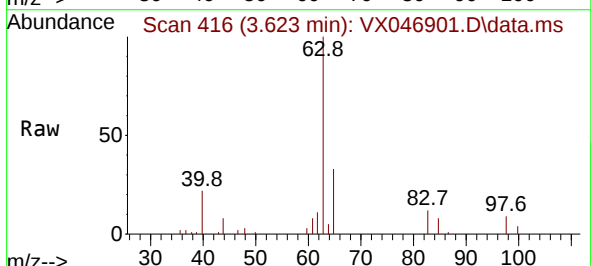
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

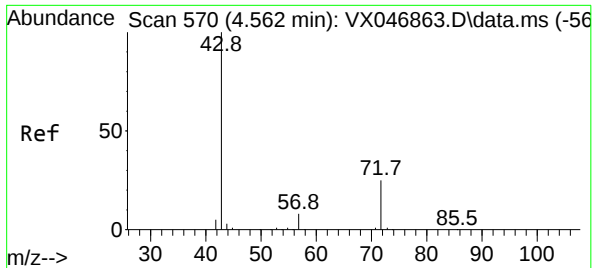
Tgt Ion: 43 Resp: 122608  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 8.2 12.4



#24  
 1,1-Dichloroethane  
 Concen: 2.569 ug/l  
 RT: 3.623 min Scan# 416  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

Tgt Ion: 63 Resp: 20007  
 Ion Ratio Lower Upper  
 63 100  
 98 9.1 3.6 10.9  
 100 4.0 2.3 6.9

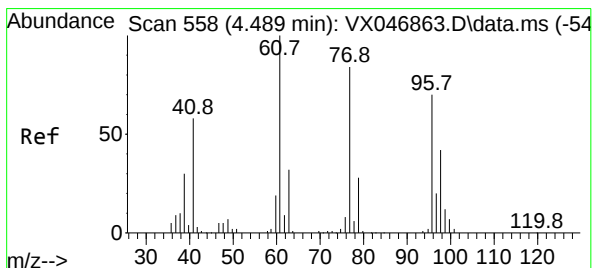
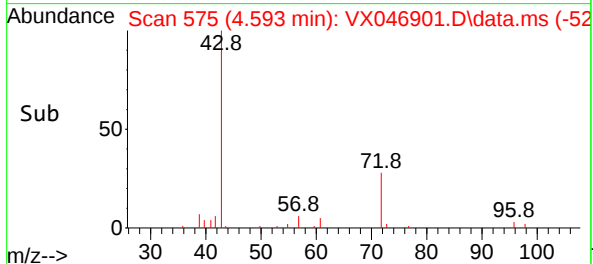
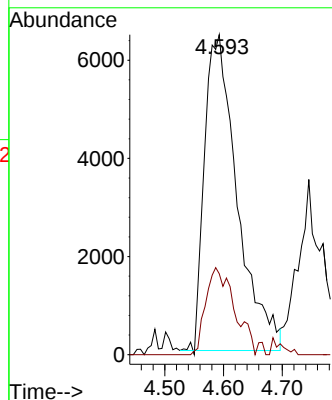
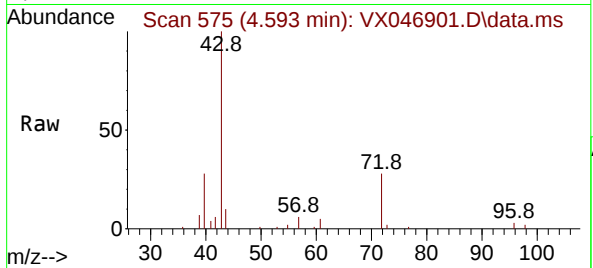




#25  
2-Butanone  
Concen: 12.429 ug/l  
RT: 4.593 min Scan# 51  
Delta R.T. 0.031 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

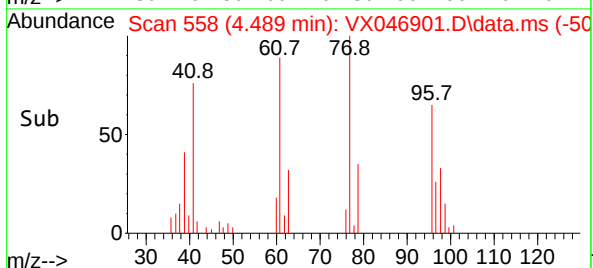
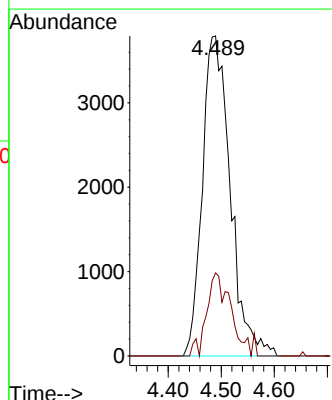
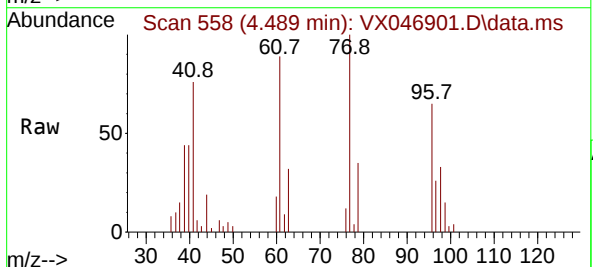
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 24918  
Ion Ratio Lower Upper  
43 100  
72 25.6 20.0 30.0



#26  
2,2-Dichloropropane  
Concen: 2.394 ug/l  
RT: 4.489 min Scan# 558  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 77 Resp: 13875  
Ion Ratio Lower Upper  
77 100  
97 22.2 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 2.614 ug/l

RT: 4.513 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

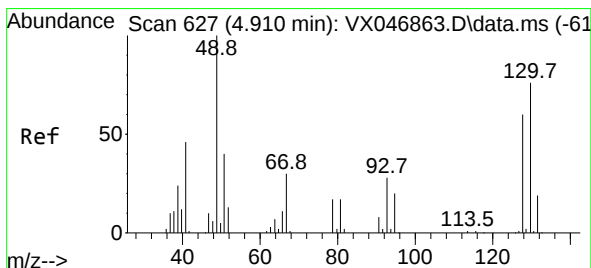
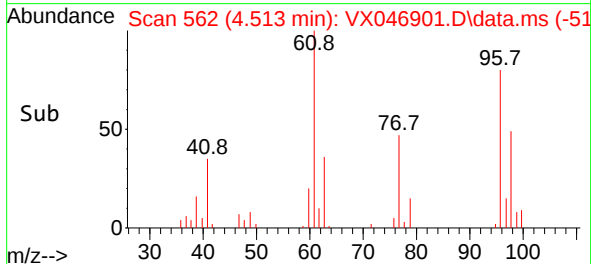
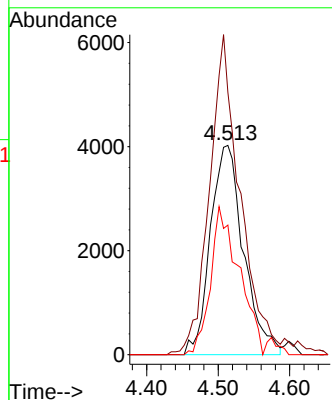
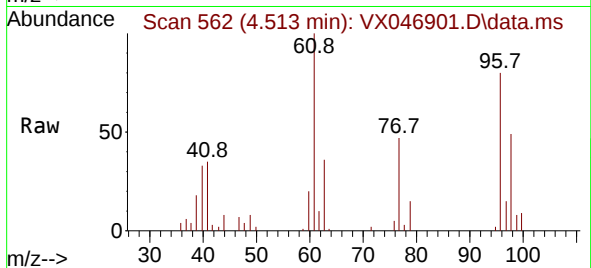
Tgt Ion: 96 Resp: 12968

Ion Ratio Lower Upper

96 100

61 140.6 0.0 288.6

98 61.0 0.0 128.8



#28

Bromochloromethane

Concen: 2.518 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

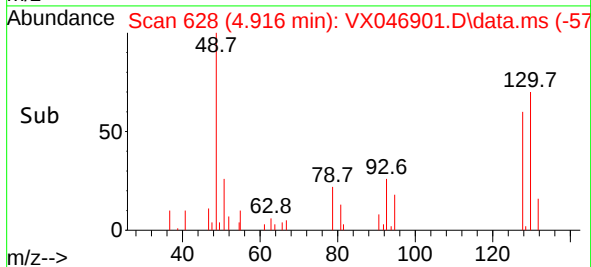
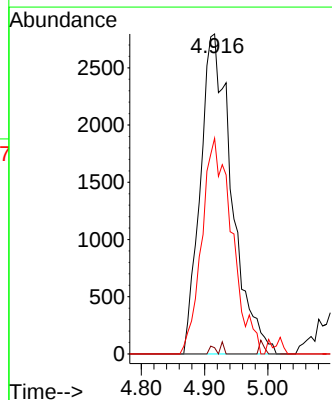
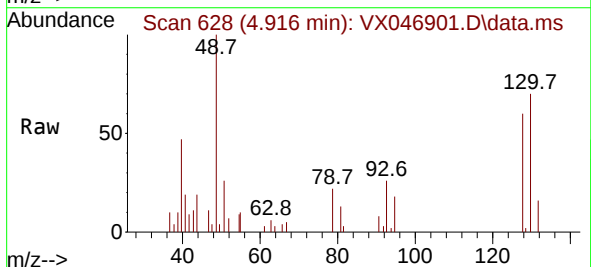
Tgt Ion: 49 Resp: 9679

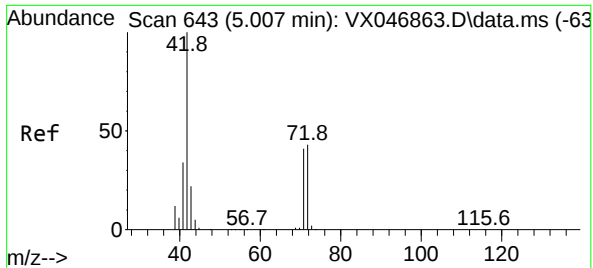
Ion Ratio Lower Upper

49 100

129 0.5 0.0 4.2

130 64.5 61.7 92.5





#29

Tetrahydrofuran

Concen: 13.128 ug/l

RT: 5.026 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX046901.D

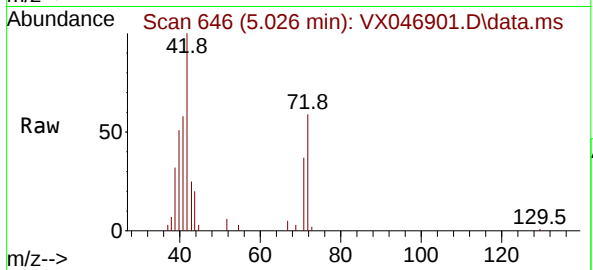
Acq: 07 Jul 2025 12:46

Instrument :

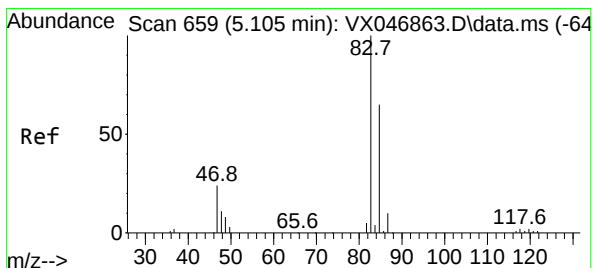
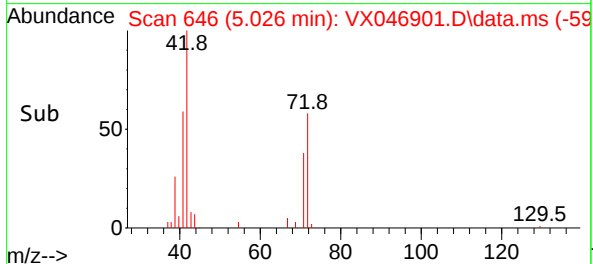
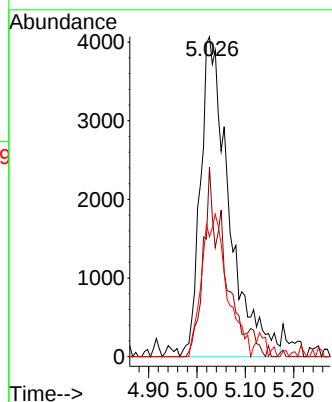
MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 16778 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 22.6  | 35.1  | 52.7# |
| 71       | 39.4  | 31.9  | 47.9  |



#30

Chloroform

Concen: 2.625 ug/l

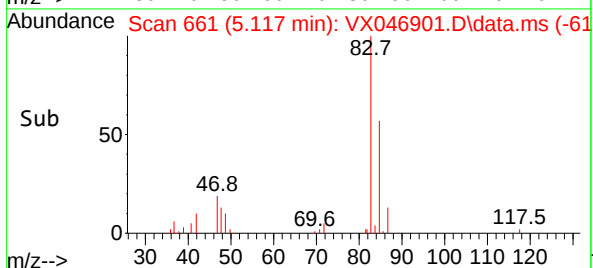
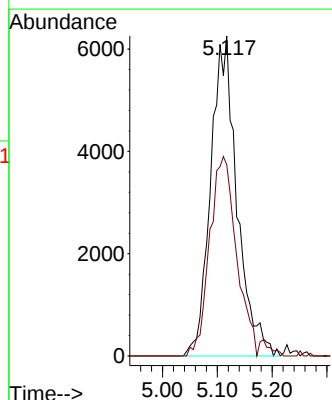
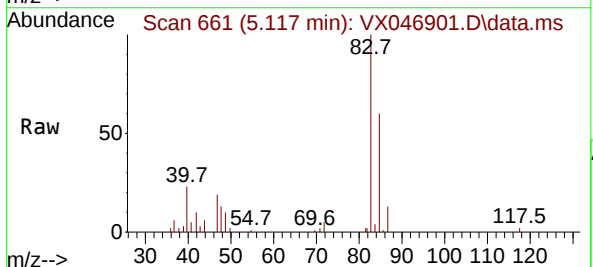
RT: 5.117 min Scan# 661

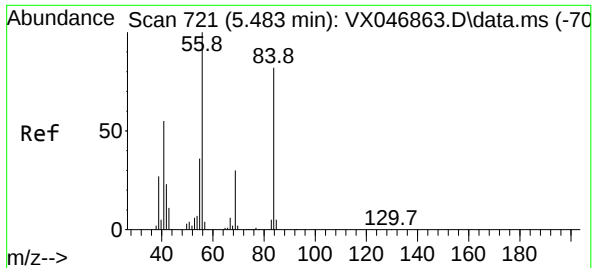
Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 20888 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 60.9  | 51.8  | 77.8  |

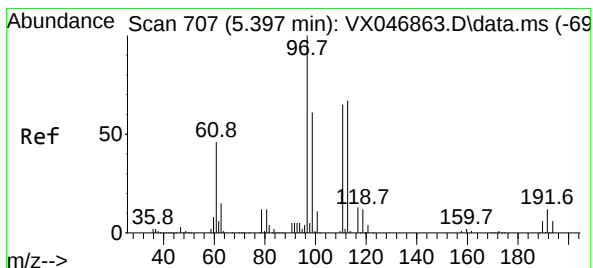
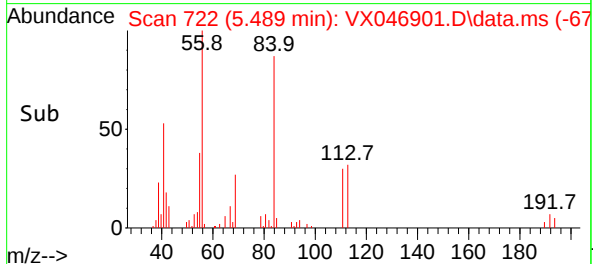
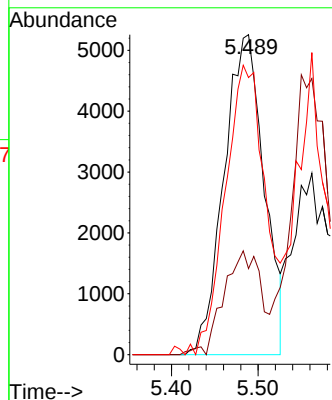
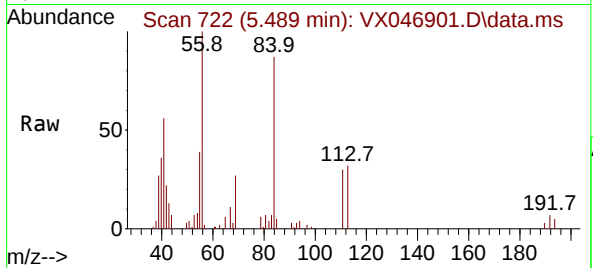




#31  
Cyclohexane  
Concen: 2.441 ug/l  
RT: 5.489 min Scan# 712  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

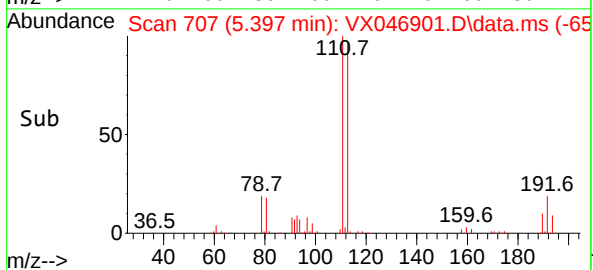
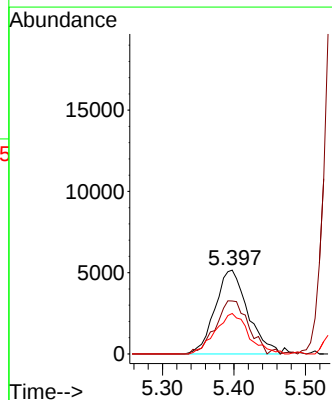
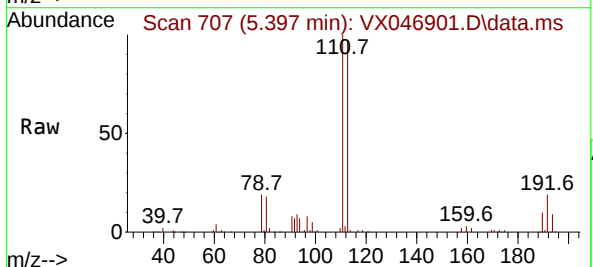
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 16881 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 26.4  | 24.0  | 36.0  |
| 84       | 83.2  | 66.5  | 99.7  |



#32  
1,1,1-Trichloroethane  
Concen: 2.468 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 16405 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 99       | 63.3  | 50.6  | 76.0  |
| 61       | 49.2  | 36.3  | 54.5  |

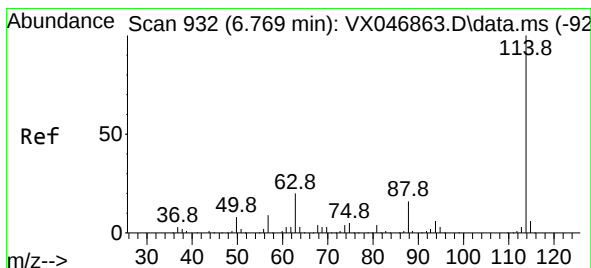
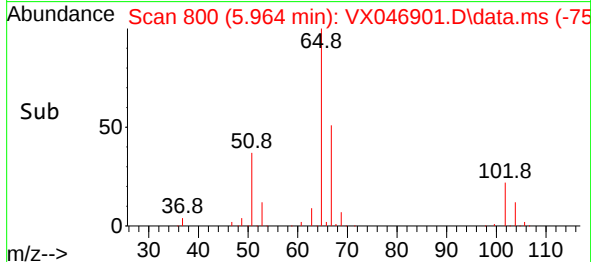
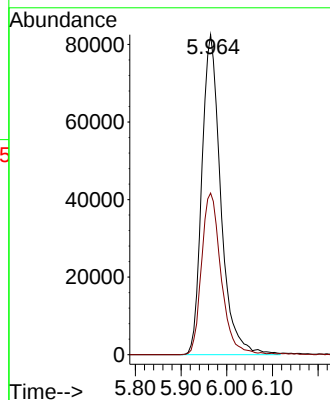
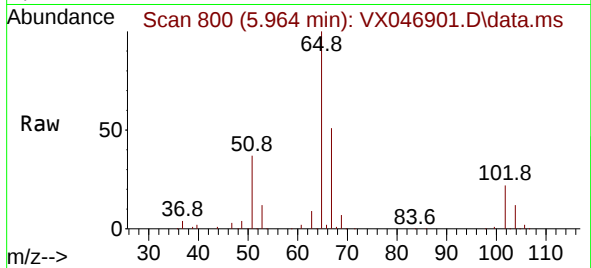




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.958 ug/l  
 RT: 5.964 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

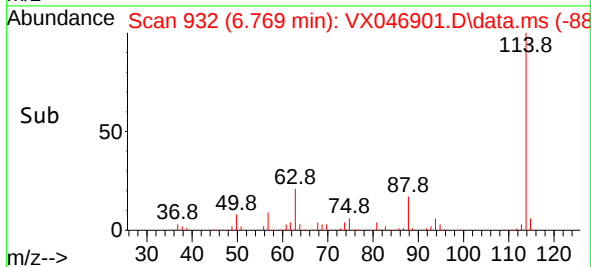
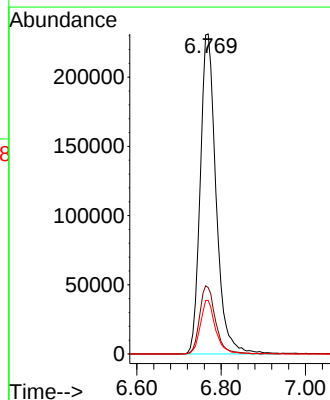
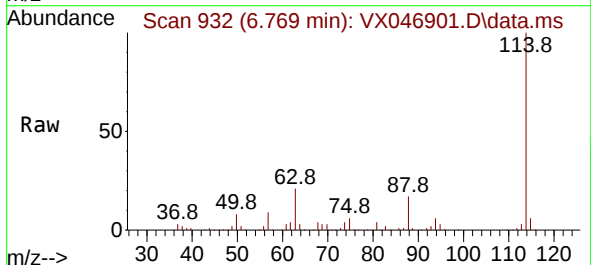
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

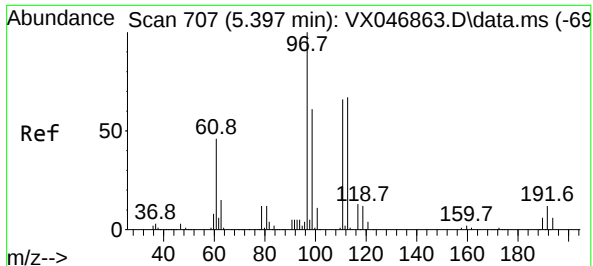
Tgt Ion: 65 Resp: 236839  
 Ion Ratio Lower Upper  
 65 100  
 67 52.3 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.769 min Scan# 932  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

Tgt Ion: 114 Resp: 604885  
 Ion Ratio Lower Upper  
 114 100  
 63 20.7 0.0 40.4  
 88 16.8 0.0 31.0

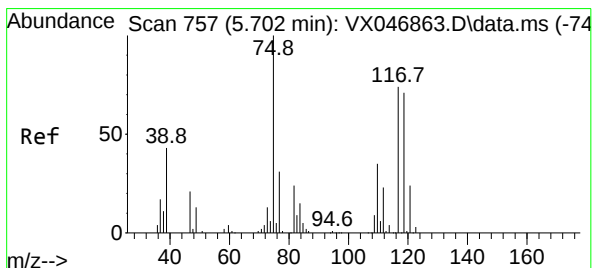
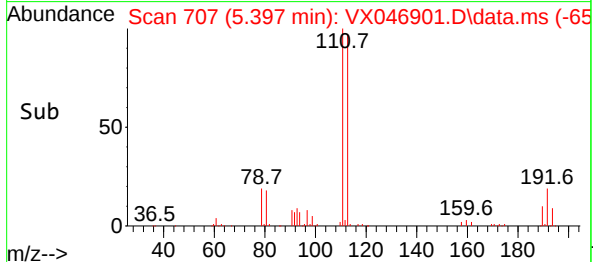
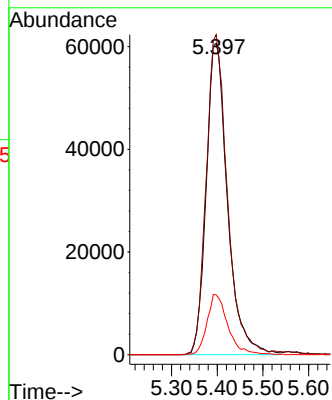
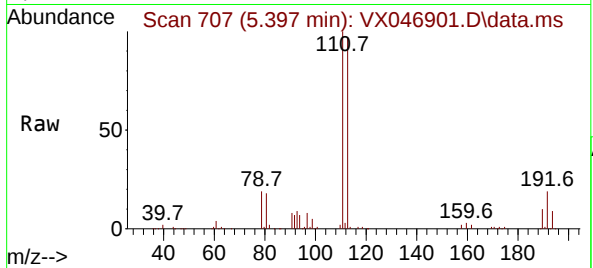




#35  
Dibromofluoromethane  
Concen: 47.737 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

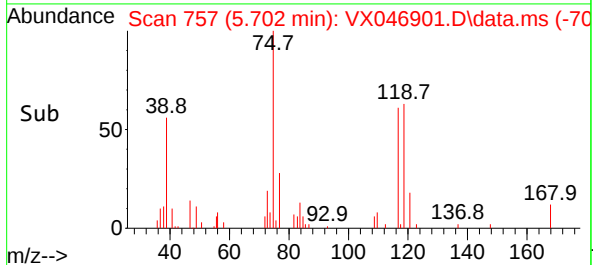
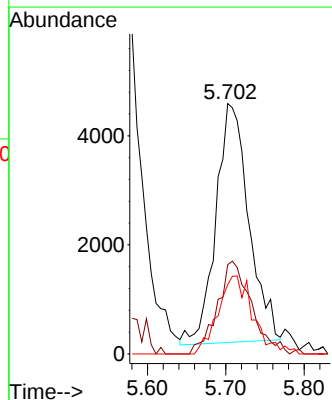
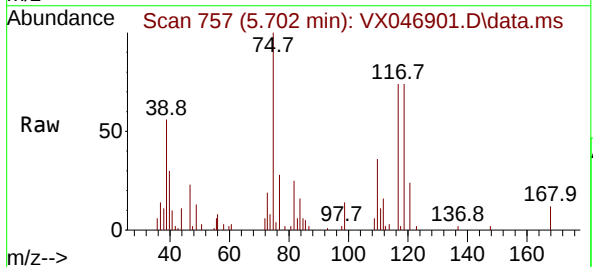
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

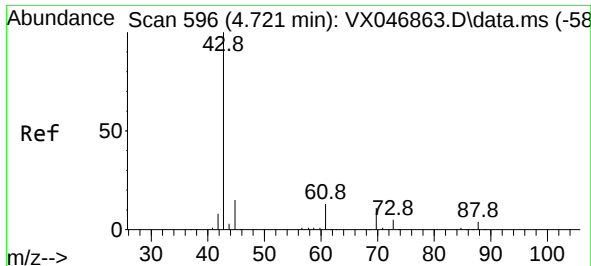
Tgt Ion:113 Resp: 196008  
Ion Ratio Lower Upper  
113 100  
111 102.3 81.2 121.8  
192 18.9 15.3 22.9



#36  
1,1-Dichloropropene  
Concen: 2.310 ug/l  
RT: 5.702 min Scan# 757  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 75 Resp: 12799  
Ion Ratio Lower Upper  
75 100  
110 40.1 17.3 51.9  
77 35.0 24.2 36.4





#37

Ethyl Acetate

Concen: 2.079 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.024 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

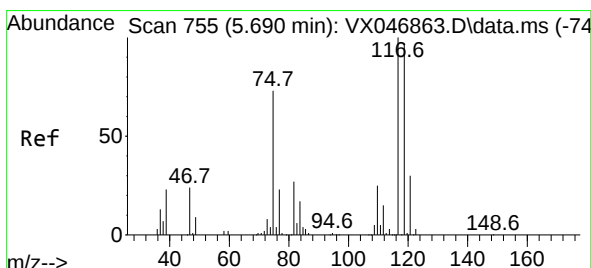
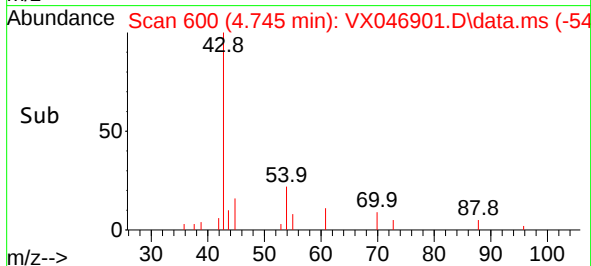
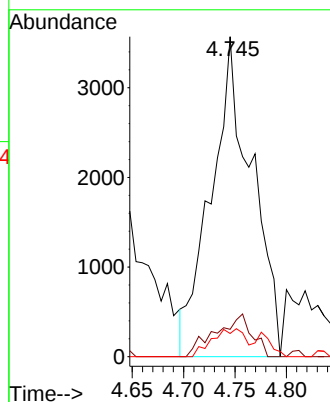
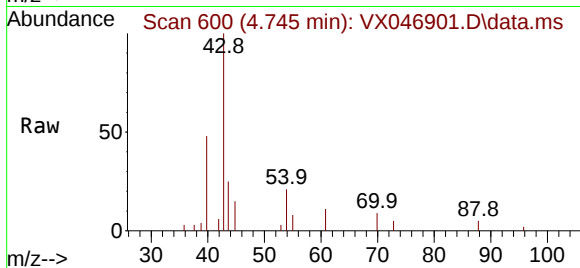
Tgt Ion: 43 Resp: 9810

Ion Ratio Lower Upper

43 100

61 11.9 9.7 14.5

70 7.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 2.452 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

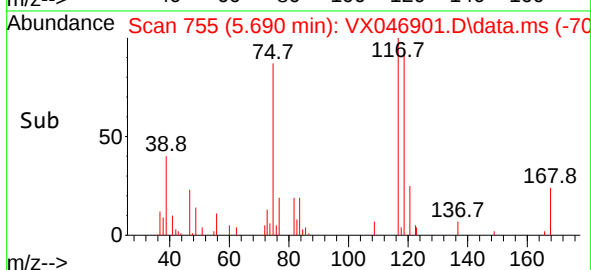
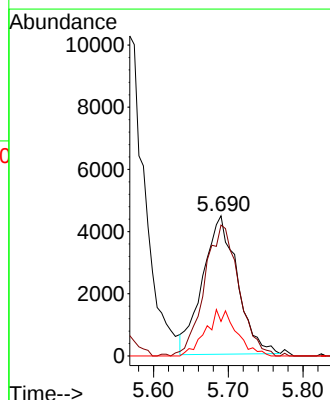
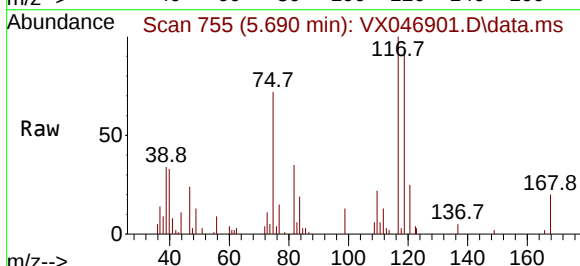
Tgt Ion: 117 Resp: 14362

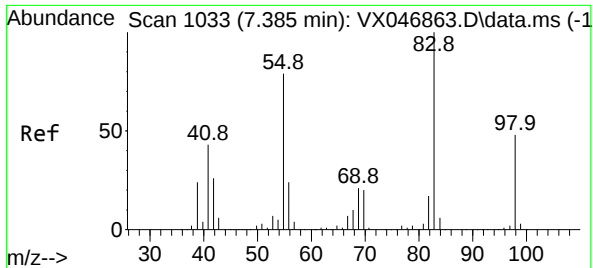
Ion Ratio Lower Upper

117 100

119 95.0 76.6 114.8

121 25.1 24.1 36.1

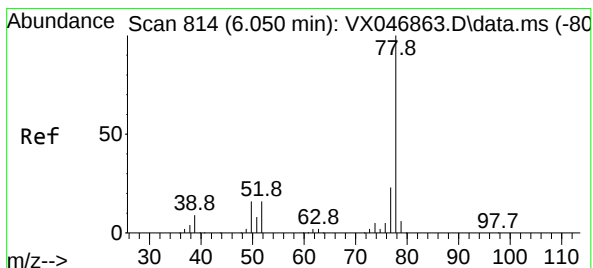
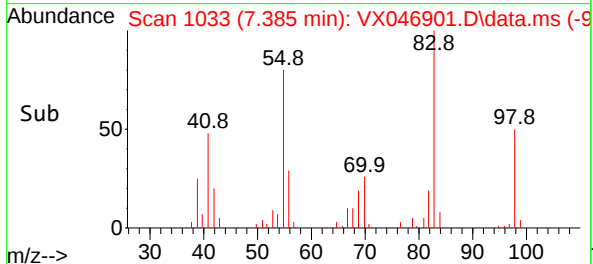
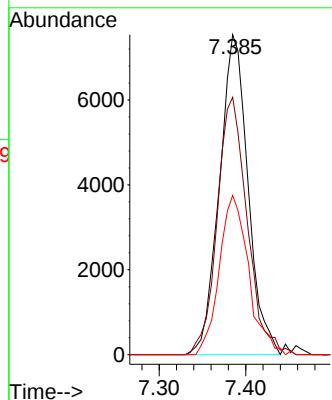
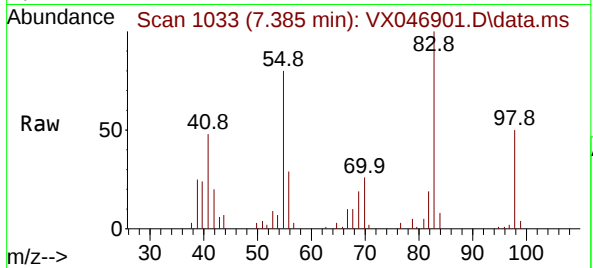




#39  
Methylcyclohexane  
Concen: 2.499 ug/l  
RT: 7.385 min Scan# 1033  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

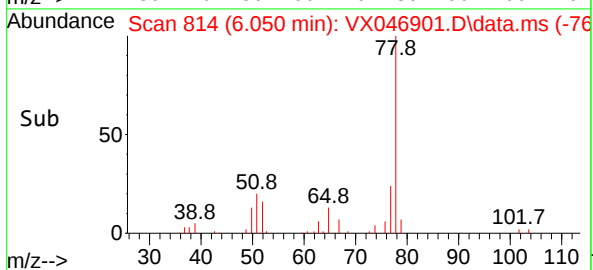
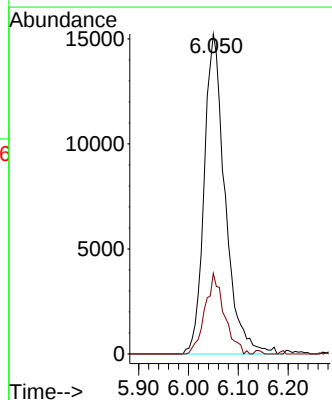
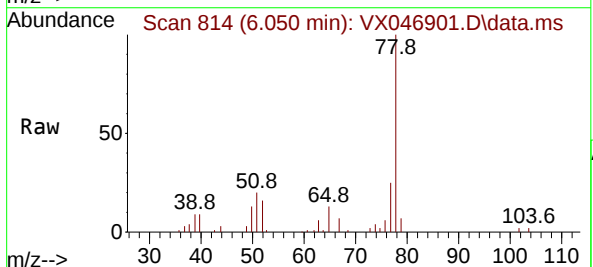
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

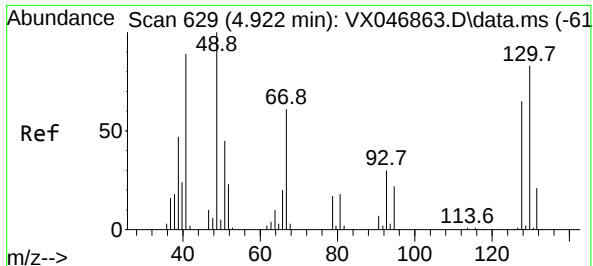
Tgt Ion: 83 Resp: 17316  
Ion Ratio Lower Upper  
83 100  
55 80.4 63.0 94.4  
98 49.8 38.5 57.7



#40  
Benzene  
Concen: 2.652 ug/l  
RT: 6.050 min Scan# 814  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 78 Resp: 44445  
Ion Ratio Lower Upper  
78 100  
77 25.2 18.7 28.1

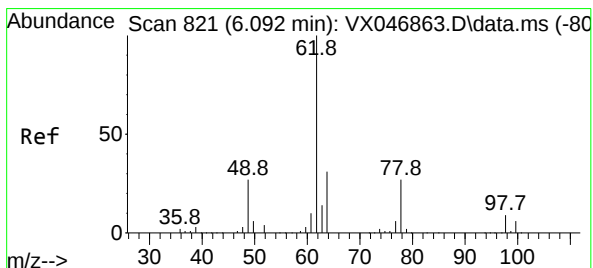
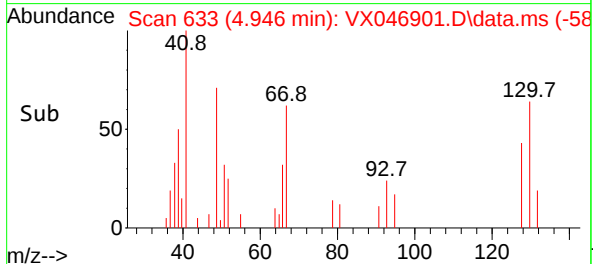
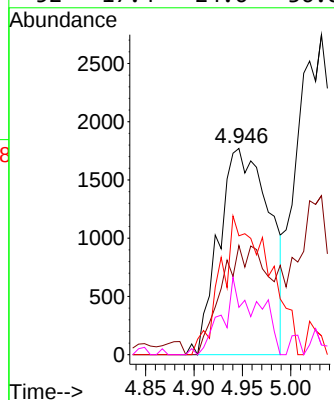
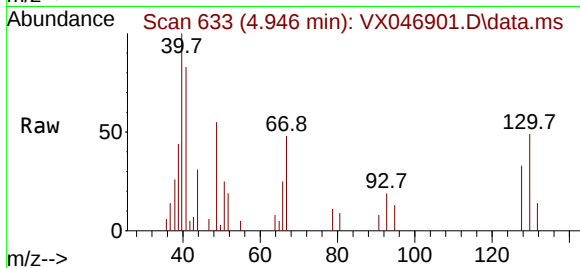




#41  
Methacrylonitrile  
Concen: 2.551 ug/l  
RT: 4.946 min Scan# 61  
Delta R.T. 0.024 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

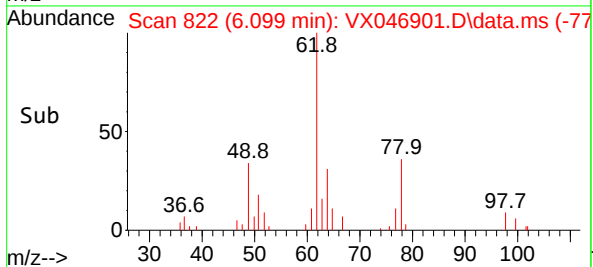
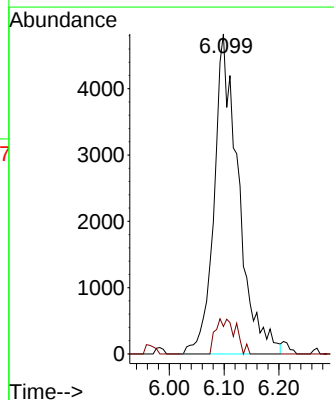
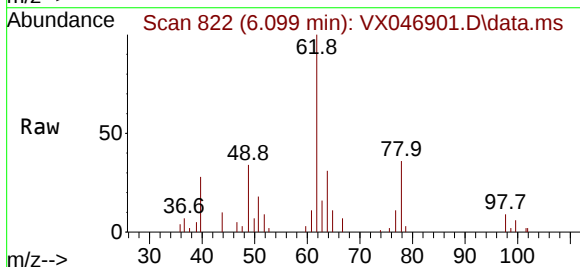
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

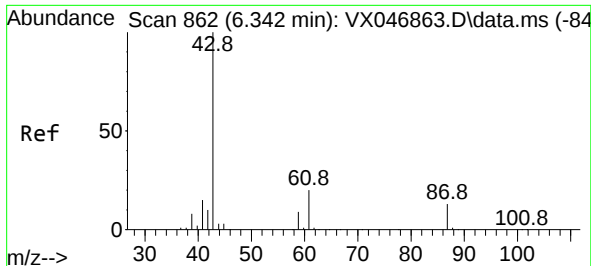
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 6420  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 48.2  | 43.0  | 64.4  |
| 67       | 64.3  | 60.2  | 90.2  |
| 52       | 17.4  | 24.6  | 36.8  |



#42  
1,2-Dichloroethane  
Concen: 2.614 ug/l  
RT: 6.099 min Scan# 822  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 14872 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 9.2   | 0.0   | 19.4  |

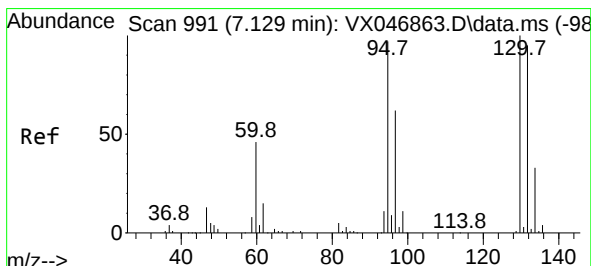
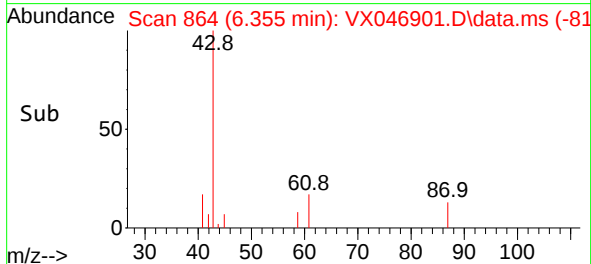
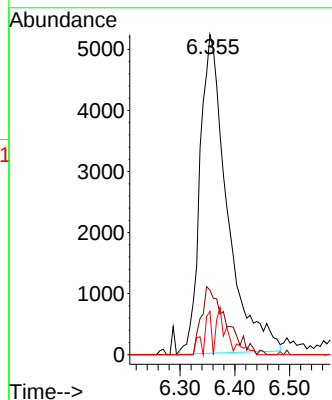
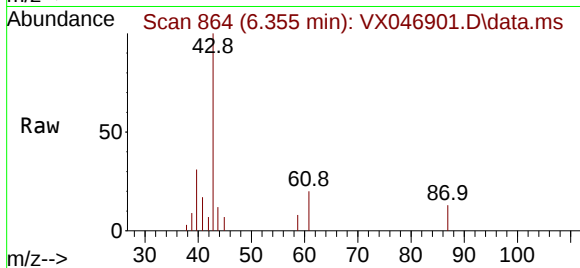




#43  
Isopropyl Acetate  
Concen: 2.487 ug/l  
RT: 6.355 min Scan# 864  
Delta R.T. 0.012 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

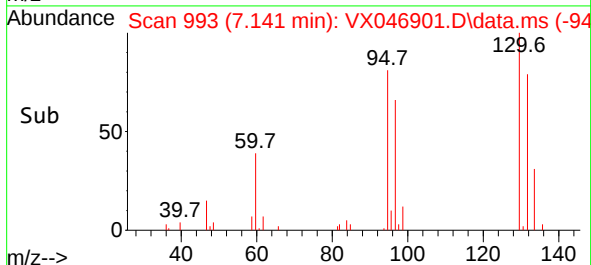
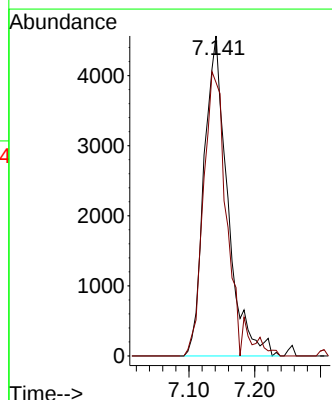
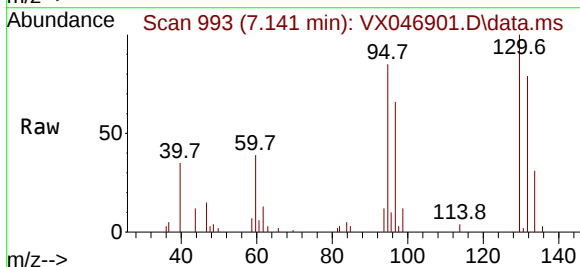
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 43 Resp: 17973  
Ion Ratio Lower Upper  
43 100  
61 19.3 15.7 23.5  
87 3.9 10.1 15.1#



#44  
Trichloroethene  
Concen: 2.604 ug/l  
RT: 7.141 min Scan# 993  
Delta R.T. 0.012 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:130 Resp: 11356  
Ion Ratio Lower Upper  
130 100  
95 95.9 0.0 194.2





#45

1,2-Dichloropropane

Concen: 2.495 ug/l

RT: 7.440 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

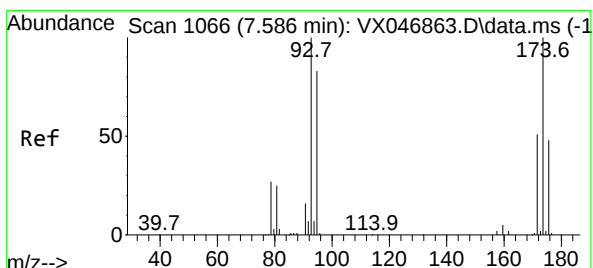
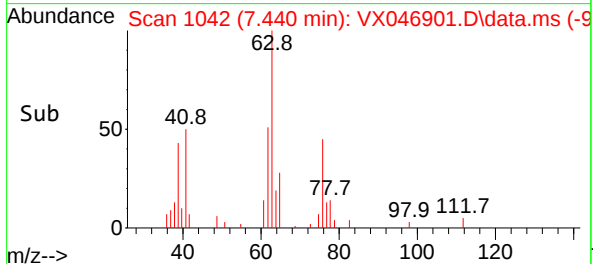
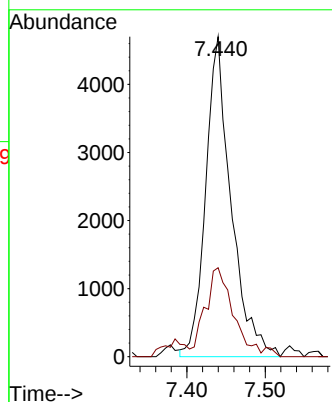
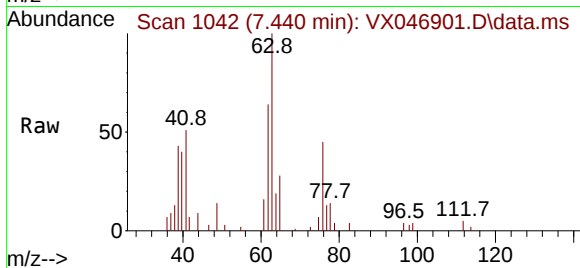
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 63 Resp: 10563

Ion Ratio Lower Upper

63 100

65 27.8 24.2 36.2



#46

Dibromomethane

Concen: 2.600 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. 0.012 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

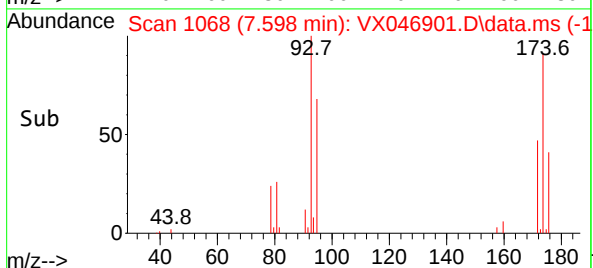
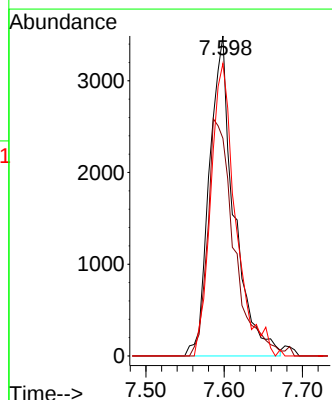
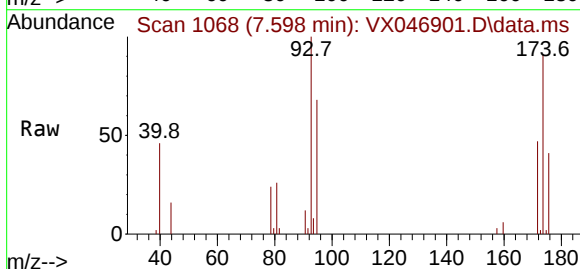
Tgt Ion: 93 Resp: 7627

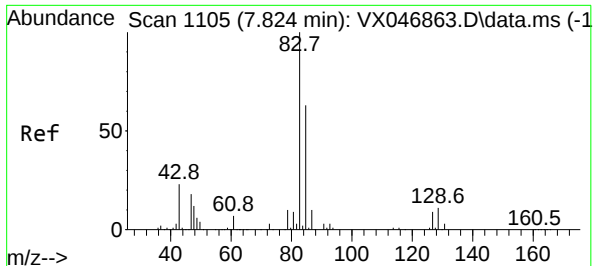
Ion Ratio Lower Upper

93 100

95 80.1 66.6 99.8

174 92.5 77.4 116.2

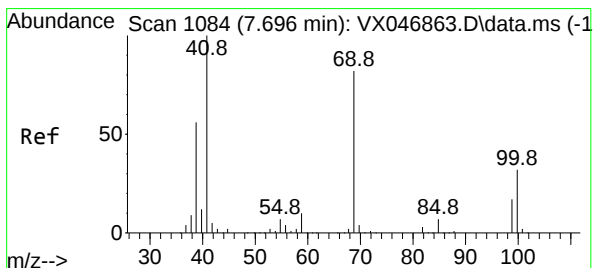
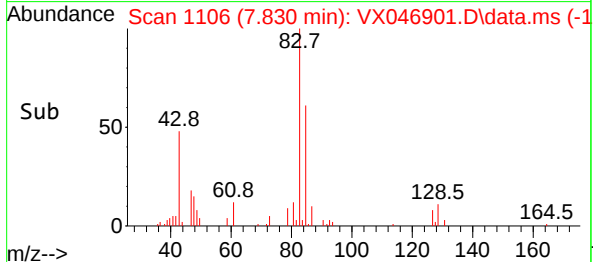
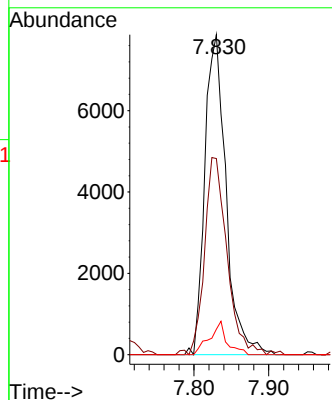
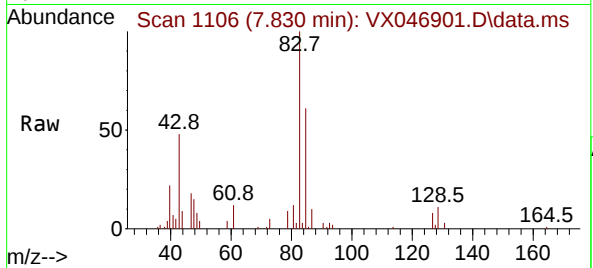




#47  
Bromodichloromethane  
Concen: 2.466 ug/l  
RT: 7.830 min Scan# 1105  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

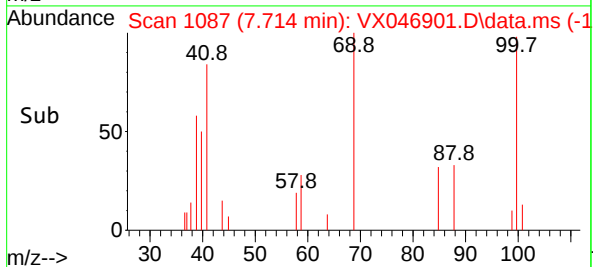
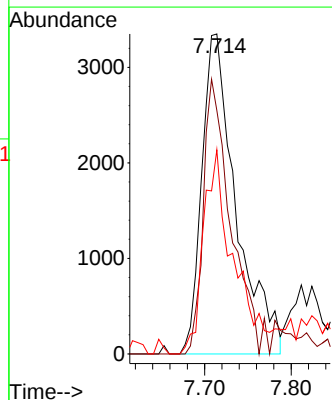
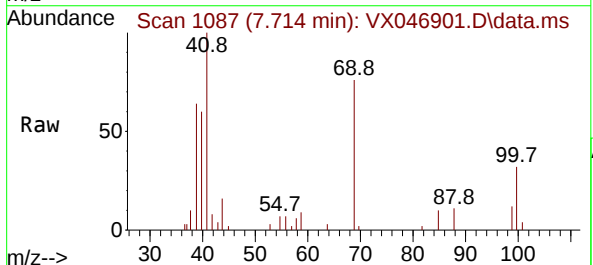
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

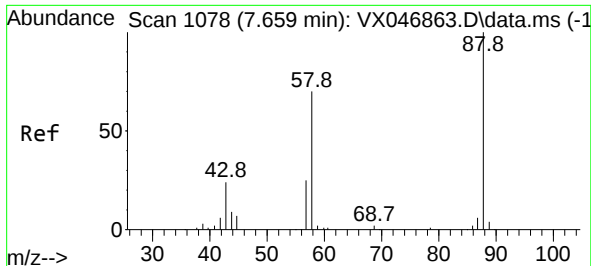
Tgt Ion: 83 Resp: 15444  
Ion Ratio Lower Upper  
83 100  
85 59.6 50.2 75.4  
127 7.7 7.1 10.7



#48  
Methyl methacrylate  
Concen: 2.473 ug/l  
RT: 7.714 min Scan# 1087  
Delta R.T. 0.018 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 41 Resp: 9230  
Ion Ratio Lower Upper  
41 100  
69 67.6 65.8 98.8  
39 55.5 43.8 65.6

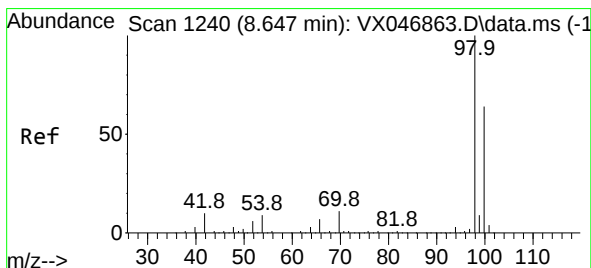
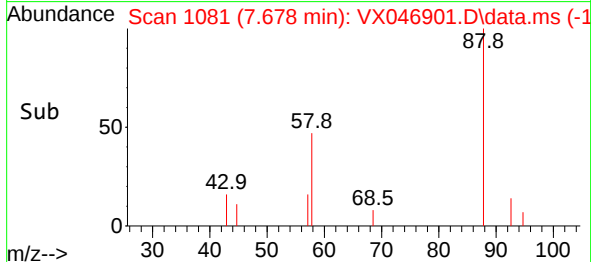
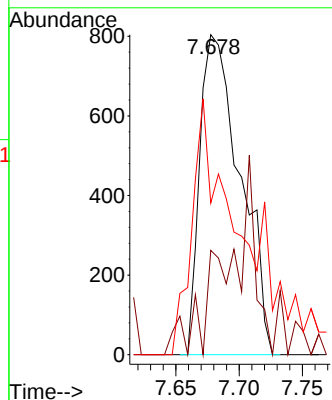
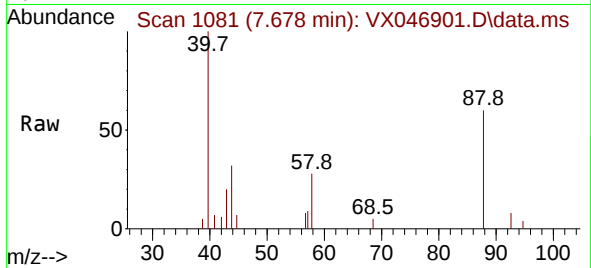




#49  
1,4-Dioxane  
Concen: 41.583 ug/l  
RT: 7.678 min Scan# 1078  
Delta R.T. 0.018 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

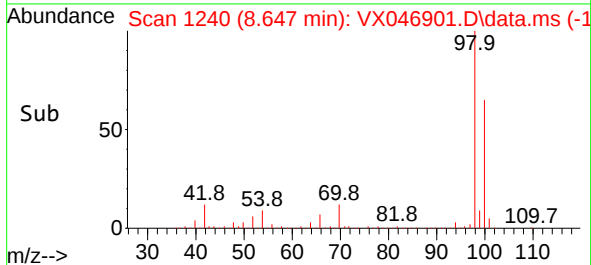
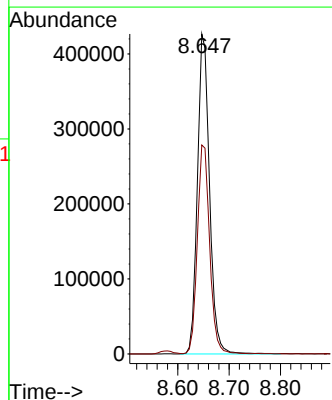
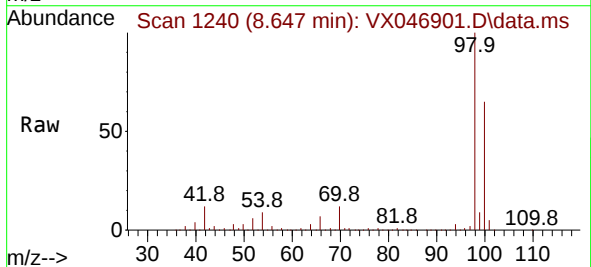
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

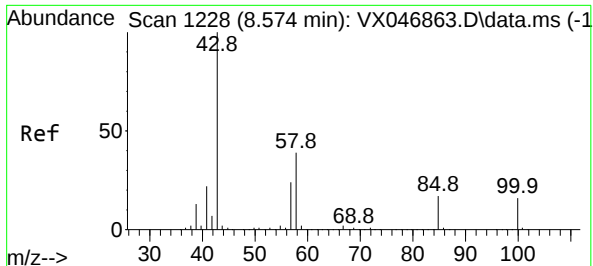
Tgt Ion: 88 Resp: 1798  
Ion Ratio Lower Upper  
88 100  
43 0.0 31.7 47.5#  
58 100.3 57.5 86.3#



#50  
Toluene-d8  
Concen: 48.197 ug/l  
RT: 8.647 min Scan# 1240  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 98 Resp: 698224  
Ion Ratio Lower Upper  
98 100  
100 65.9 53.0 79.6

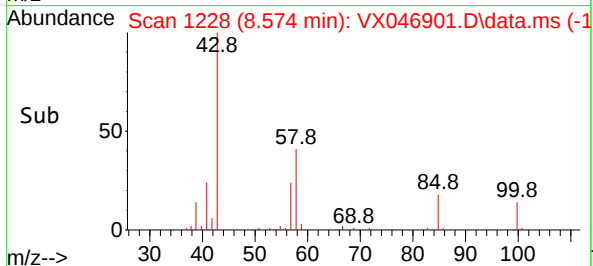
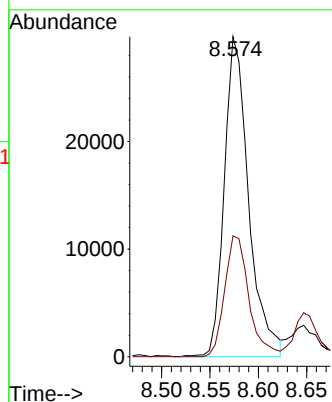
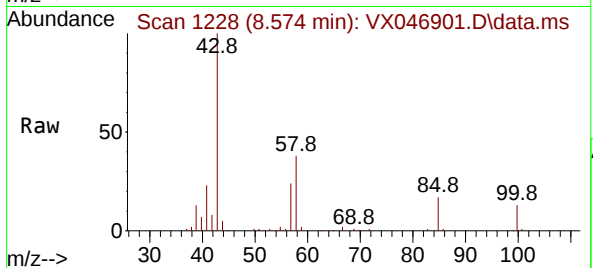




#51  
4-Methyl-2-Pentanone  
Concen: 12.201 ug/l  
RT: 8.574 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

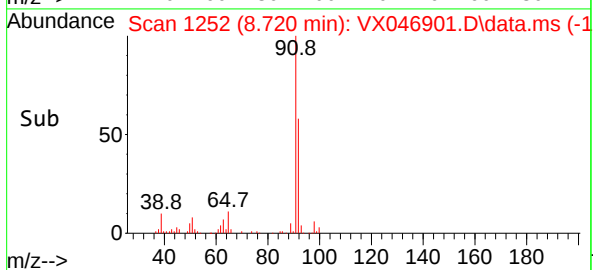
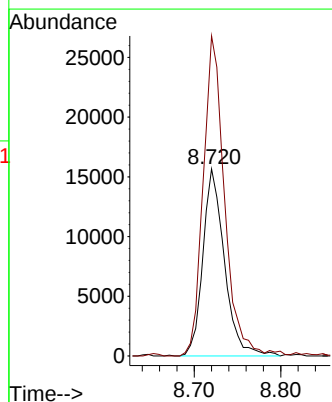
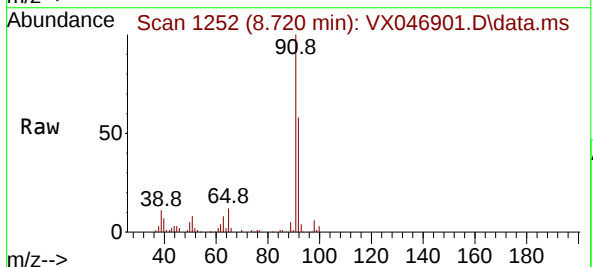
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

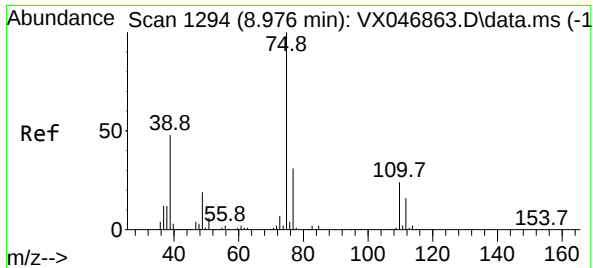
Tgt Ion: 43 Resp: 52041  
Ion Ratio Lower Upper  
43 100  
58 37.7 30.4 45.6



#52  
Toluene  
Concen: 2.610 ug/l  
RT: 8.720 min Scan# 1252  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 92 Resp: 27096  
Ion Ratio Lower Upper  
92 100  
91 168.1 137.9 206.9

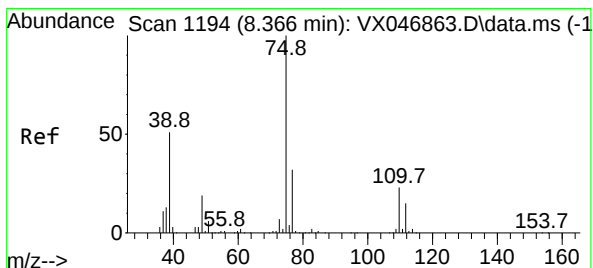
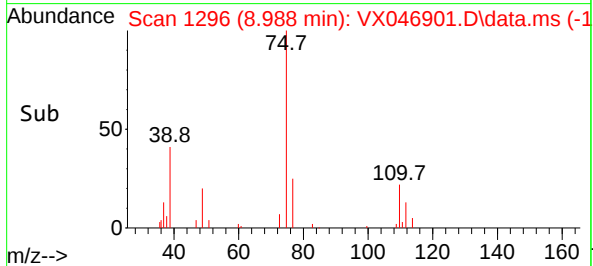
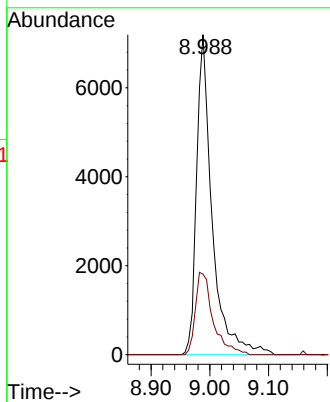
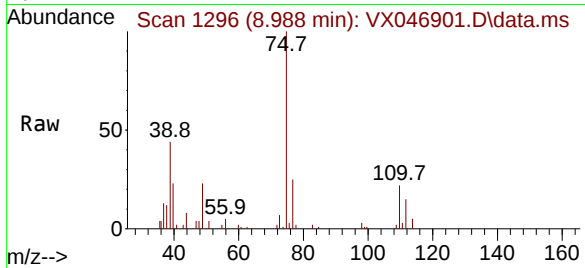




#53  
 t-1,3-Dichloropropene  
 Concen: 2.373 ug/l  
 RT: 8.988 min Scan# 1196  
 Delta R.T. 0.012 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

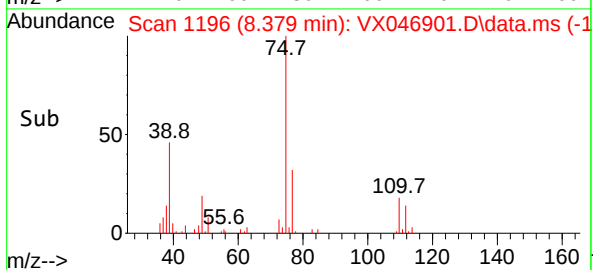
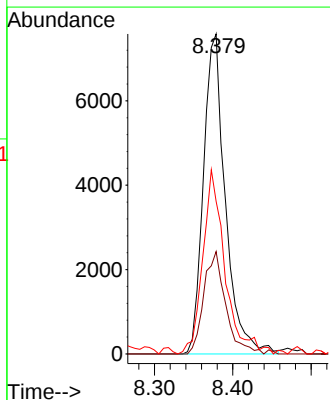
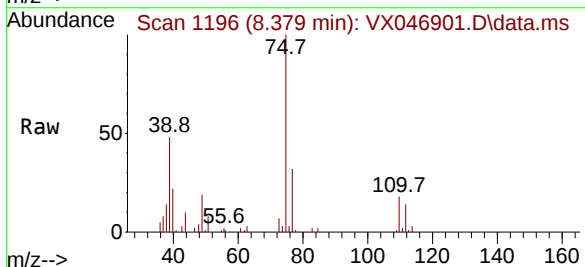
Instrument : MSVOA\_X  
 ClientSampleId : LOD-MDL-WATER-01-QT2-2025

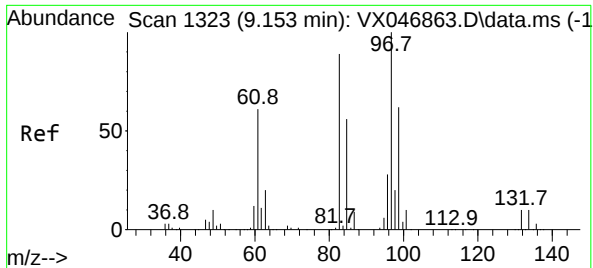
Tgt Ion: 75 Resp: 13263  
 Ion Ratio Lower Upper  
 75 100  
 77 24.4 25.0 37.6#



#54  
 cis-1,3-Dichloropropene  
 Concen: 2.307 ug/l  
 RT: 8.379 min Scan# 1196  
 Delta R.T. 0.012 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

Tgt Ion: 75 Resp: 14722  
 Ion Ratio Lower Upper  
 75 100  
 77 32.0 25.4 38.2  
 39 31.7 40.7 61.1#

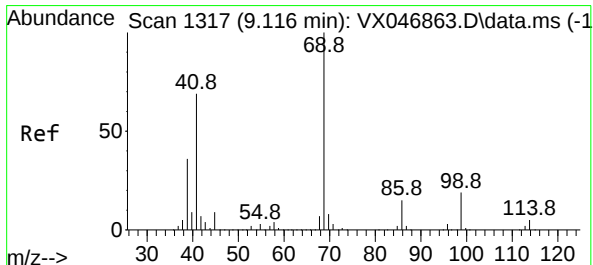
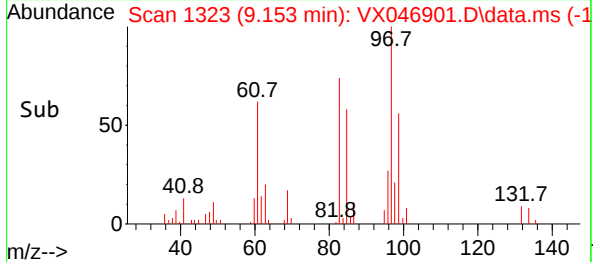
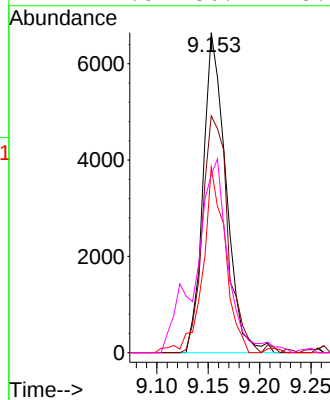
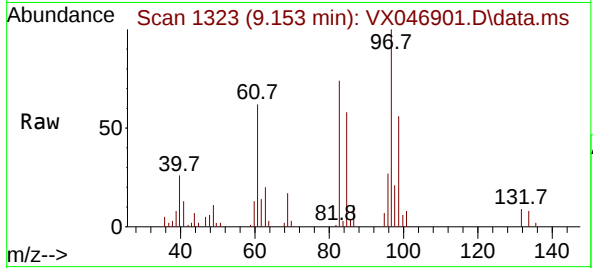




#55  
1,1,2-Trichloroethane  
Concen: 2.663 ug/l  
RT: 9.153 min Scan# 1323  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

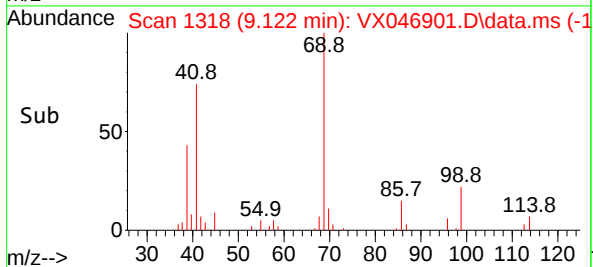
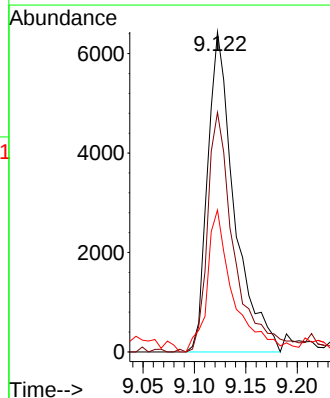
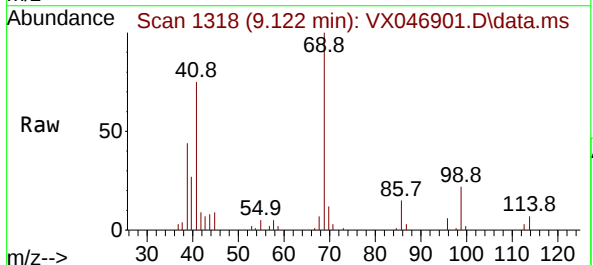
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

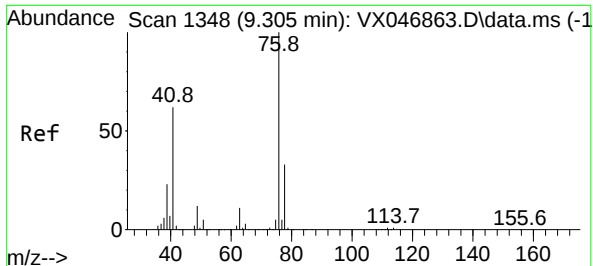
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 10301  |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 61.4  | 70.9  | 106.3# |
| 85       | 47.3  | 44.6  | 67.0   |
| 99       | 44.6  | 50.2  | 75.4#  |



#56  
Ethyl methacrylate  
Concen: 2.173 ug/l  
RT: 9.122 min Scan# 1318  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 11634 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 75.4  | 54.6  | 82.0  |
| 39       | 44.1  | 28.7  | 43.1# |





#57

1,3-Dichloropropane

Concen: 2.655 ug/l

RT: 9.311 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

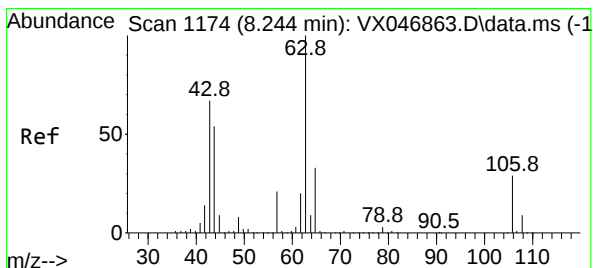
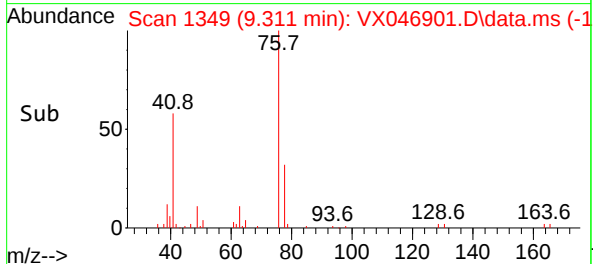
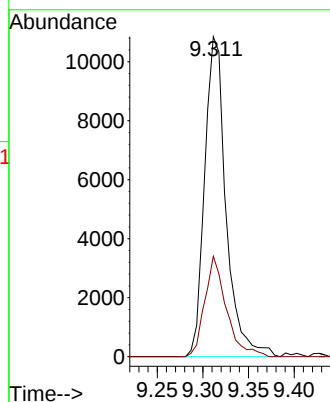
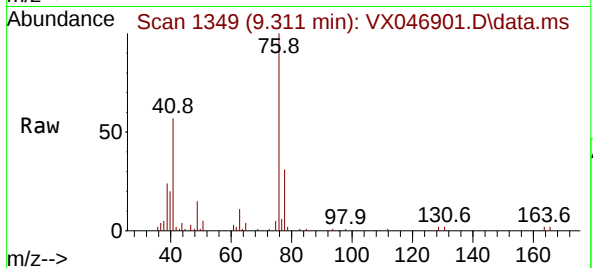
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 76 Resp: 17683

Ion Ratio Lower Upper

76 100

78 31.8 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 11.290 ug/l

RT: 8.251 min Scan# 1175

Delta R.T. 0.006 min

Lab File: VX046901.D

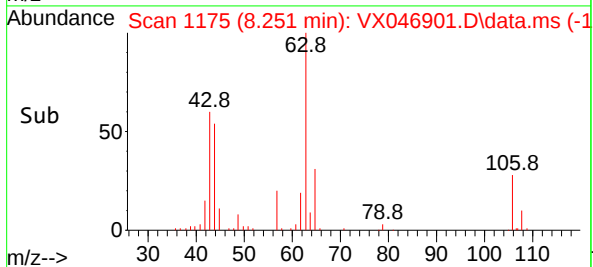
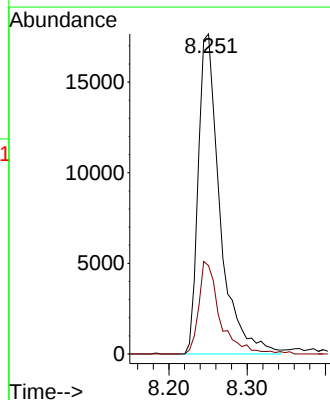
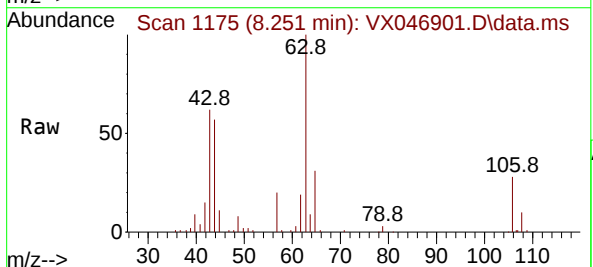
Acq: 07 Jul 2025 12:46

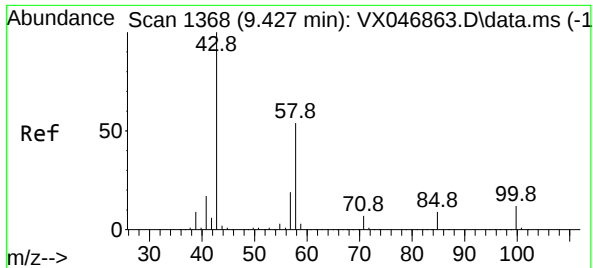
Tgt Ion: 63 Resp: 34053

Ion Ratio Lower Upper

63 100

106 27.8 22.6 33.8

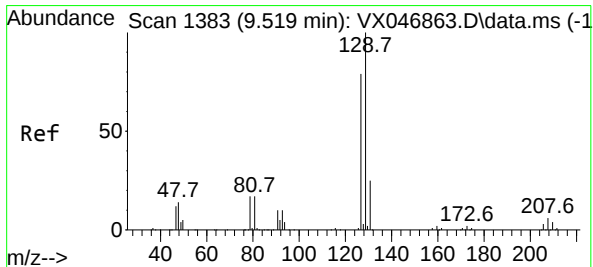
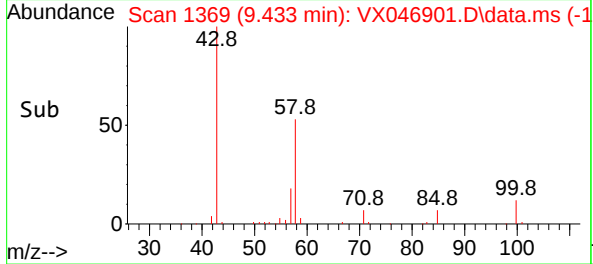
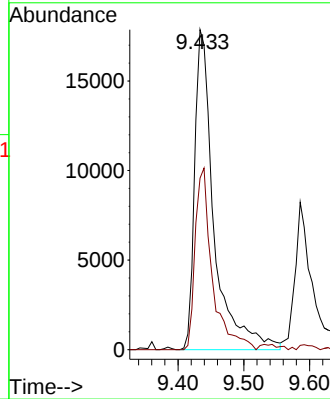
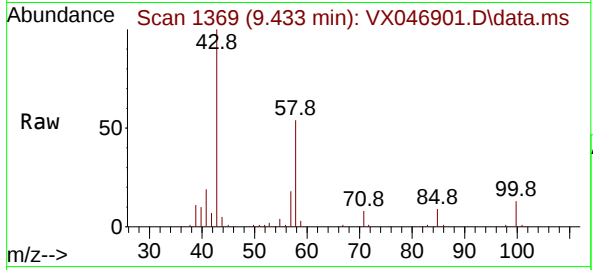




#59  
2-Hexanone  
Concen: 12.877 ug/l  
RT: 9.433 min Scan# 1369  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

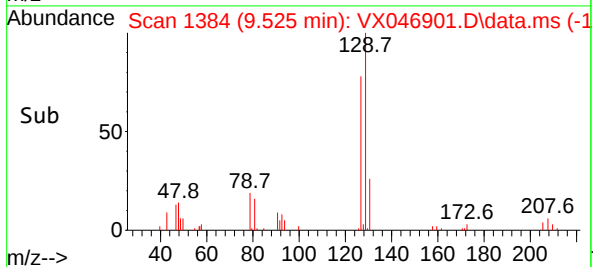
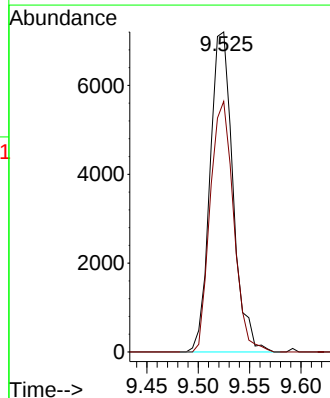
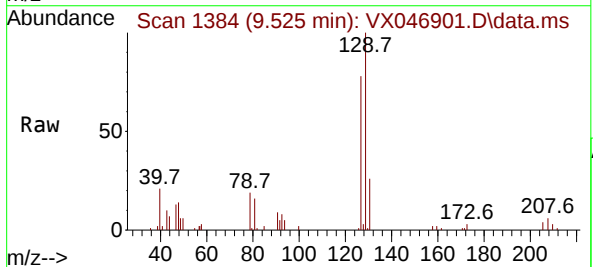
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

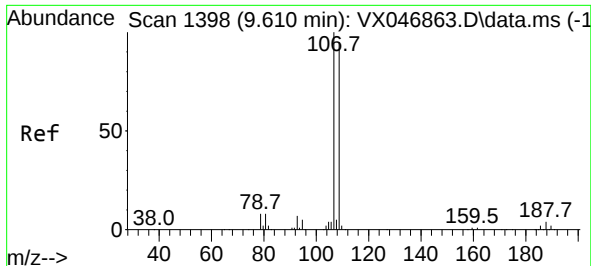
Tgt Ion: 43 Resp: 36430  
Ion Ratio Lower Upper  
43 100  
58 50.1 27.1 81.3



#60  
Dibromochloromethane  
Concen: 2.417 ug/l  
RT: 9.525 min Scan# 1384  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 129 Resp: 11189  
Ion Ratio Lower Upper  
129 100  
127 79.8 39.1 117.5

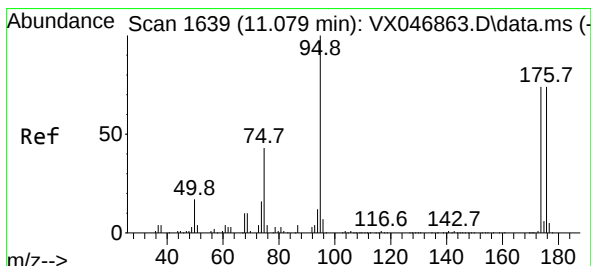
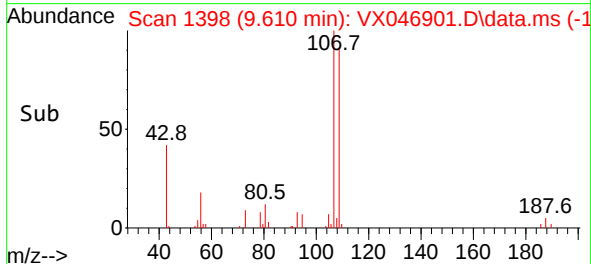
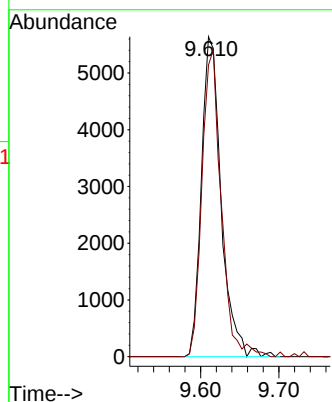
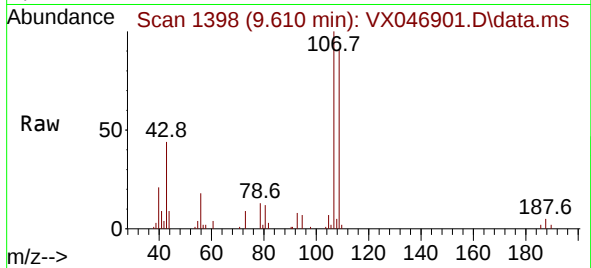




#61  
1,2-Dibromoethane  
Concen: 2.544 ug/l  
RT: 9.610 min Scan# 1398  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

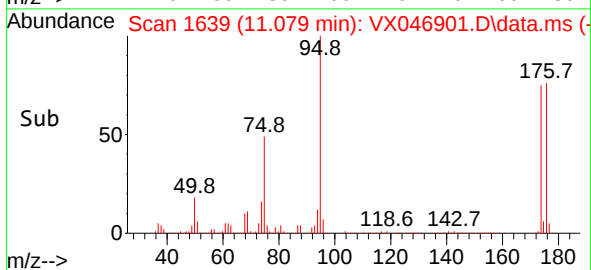
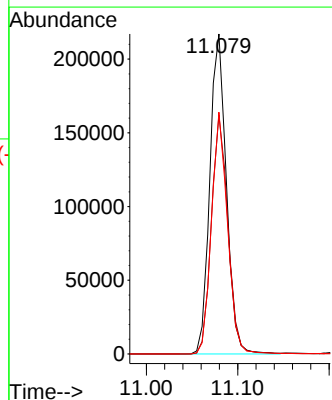
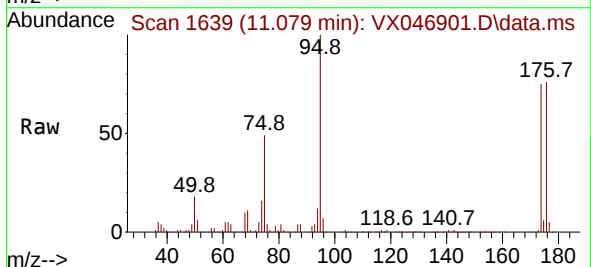
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

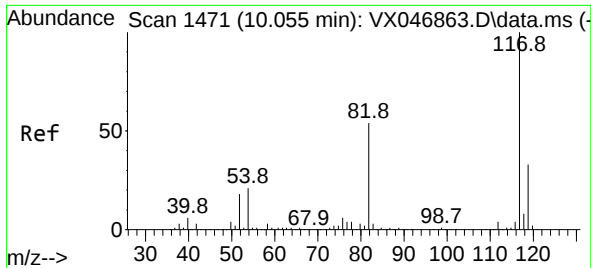
Tgt Ion:107 Resp: 9880  
Ion Ratio Lower Upper  
107 100  
109 93.2 75.4 113.2



#62  
4-Bromofluorobenzene  
Concen: 49.373 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 95 Resp: 271838  
Ion Ratio Lower Upper  
95 100  
174 75.1 0.0 152.0  
176 73.3 0.0 145.2

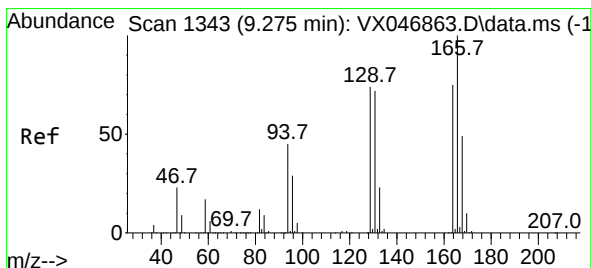
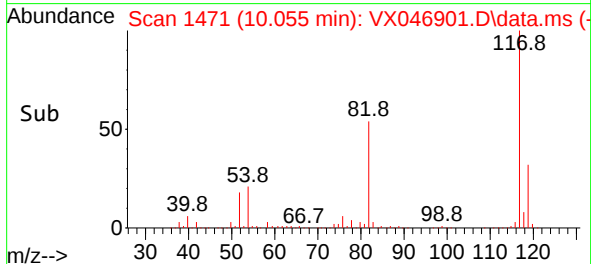
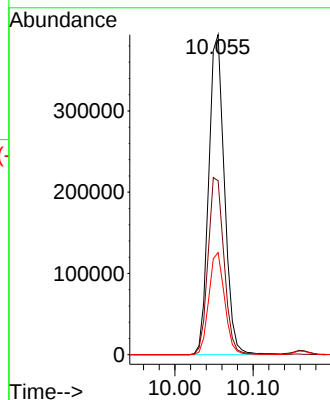
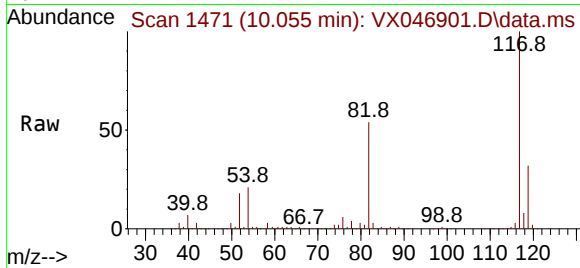




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

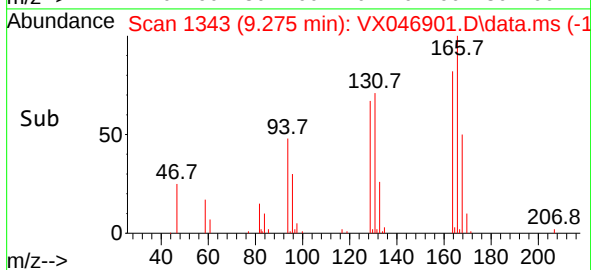
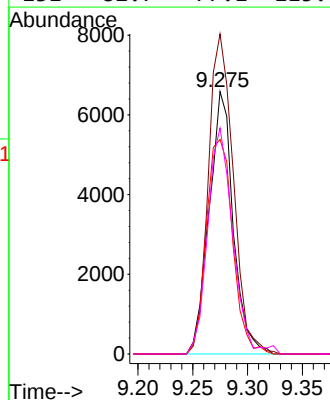
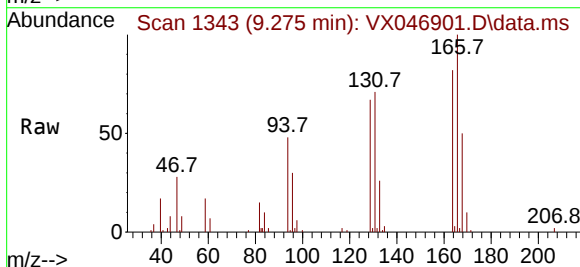
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

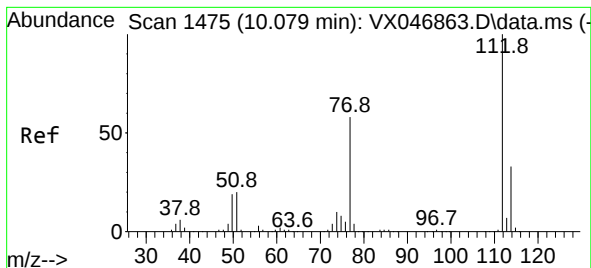
Tgt Ion:117 Resp: 548713  
Ion Ratio Lower Upper  
117 100  
82 54.3 43.3 64.9  
119 31.9 26.4 39.6



#64  
Tetrachloroethene  
Concen: 2.762 ug/l  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:164 Resp: 10091  
Ion Ratio Lower Upper  
164 100  
166 117.1 107.0 160.6  
129 78.6 79.7 119.5#  
131 82.7 77.1 115.7

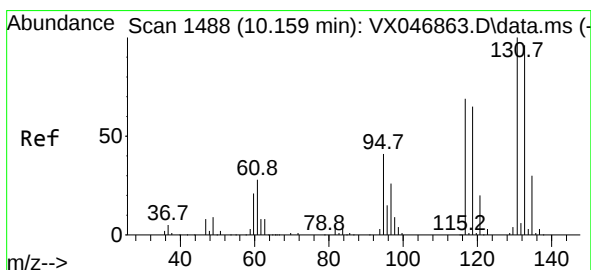
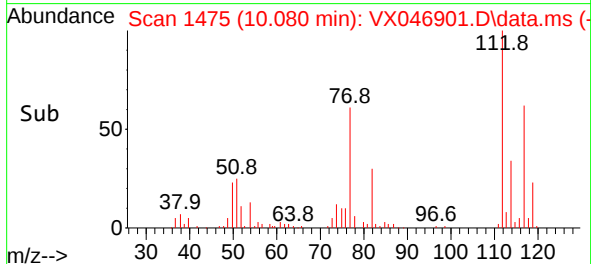
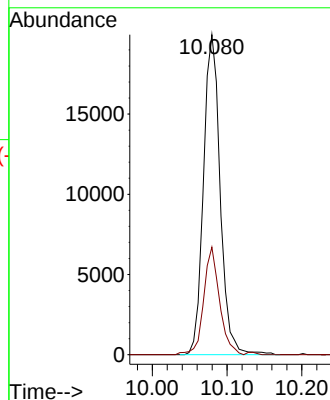
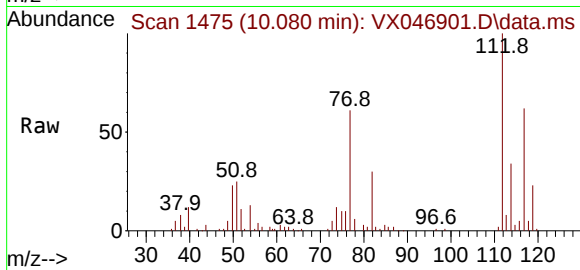




#65  
Chlorobenzene  
Concen: 2.609 ug/l  
RT: 10.080 min Scan# 1475  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

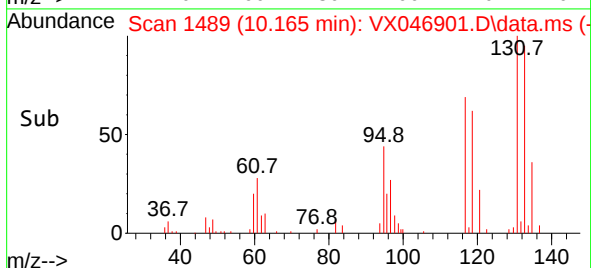
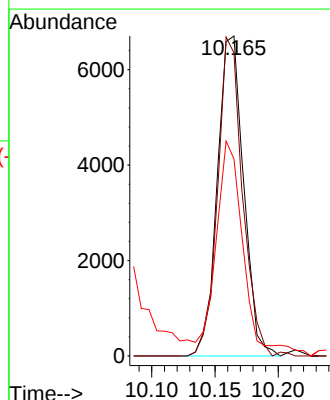
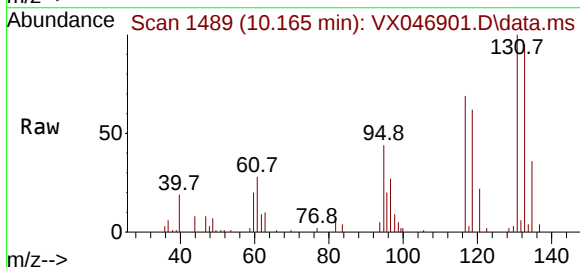
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

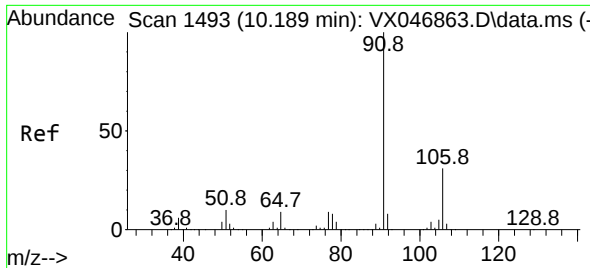
Tgt Ion:112 Resp: 30947  
Ion Ratio Lower Upper  
112 100  
114 33.6 26.3 39.5



#66  
1,1,1,2-Tetrachloroethane  
Concen: 2.424 ug/l  
RT: 10.165 min Scan# 1489  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:131 Resp: 9668  
Ion Ratio Lower Upper  
131 100  
133 94.7 47.6 142.9  
119 69.8 32.4 97.2

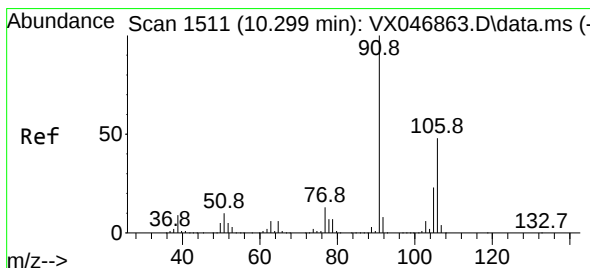
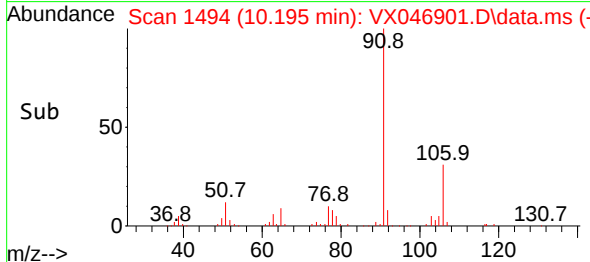
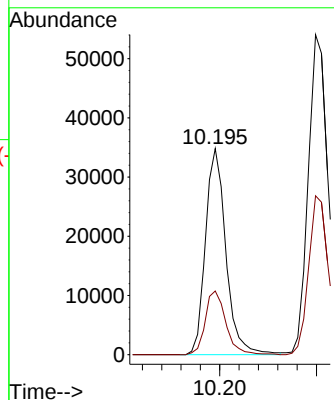
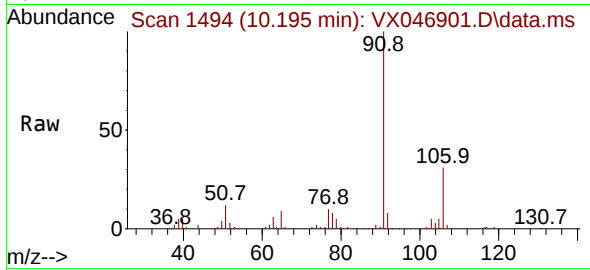




#67  
Ethyl Benzene  
Concen: 2.526 ug/l  
RT: 10.195 min Scan# 1493  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

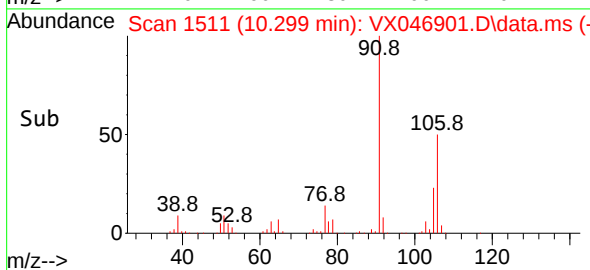
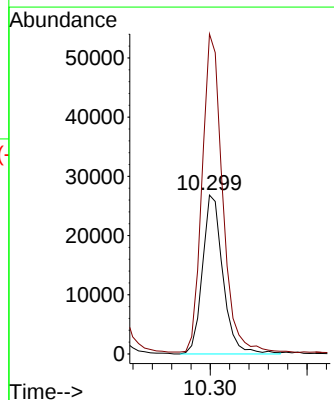
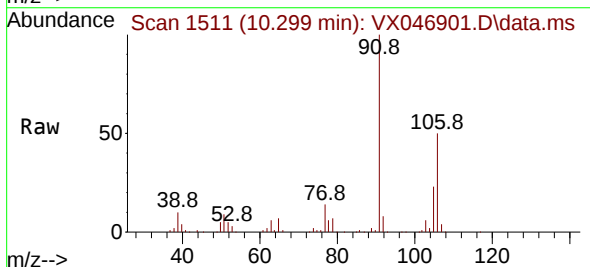
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

Tgt Ion: 91 Resp: 51326  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.4 36.6



#68  
m/p-Xylenes  
Concen: 5.169 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:106 Resp: 39568  
Ion Ratio Lower Upper  
106 100  
91 201.3 164.6 246.8

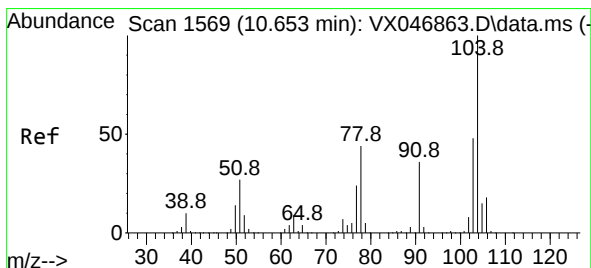
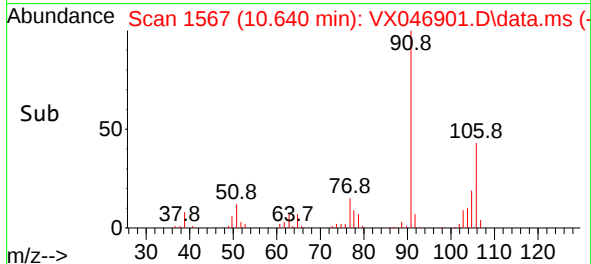
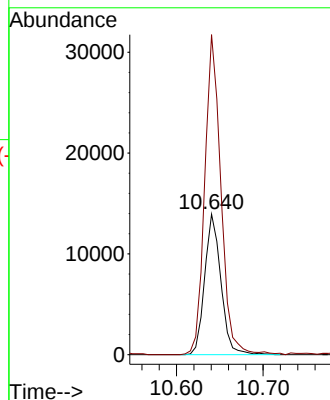
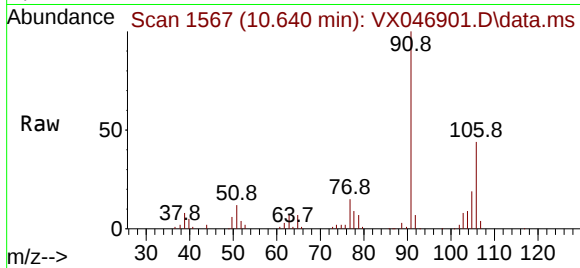




#69  
o-Xylene  
Concen: 2.454 ug/l  
RT: 10.640 min Scan# 1567  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

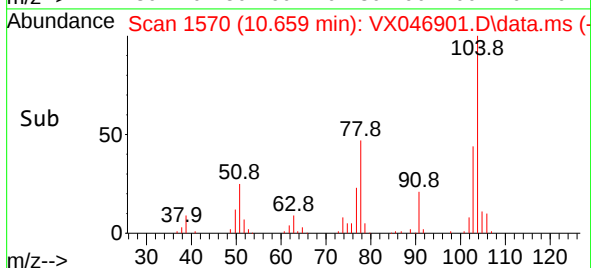
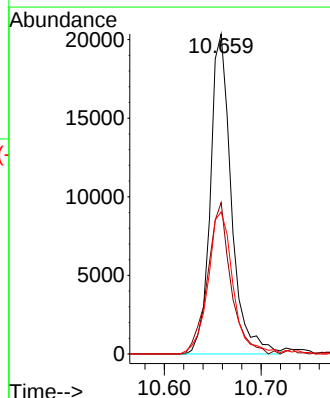
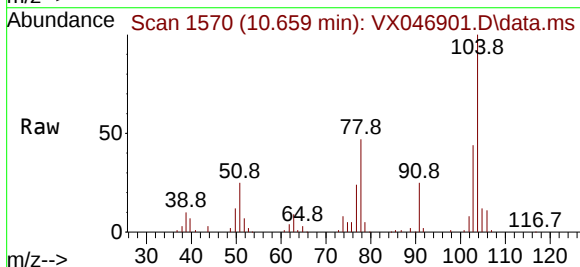
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

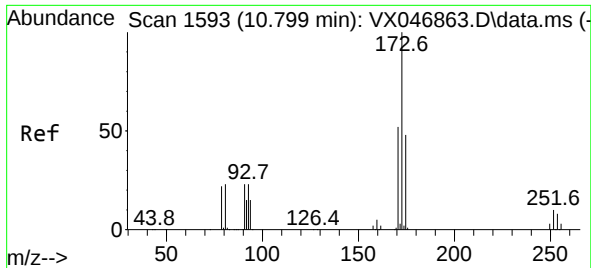
Tgt Ion:106 Resp: 18150  
Ion Ratio Lower Upper  
106 100  
91 227.6 109.5 328.5



#70  
Styrene  
Concen: 2.436 ug/l  
RT: 10.659 min Scan# 1570  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:104 Resp: 30819  
Ion Ratio Lower Upper  
104 100  
78 52.2 40.3 60.5  
103 52.7 42.8 64.2

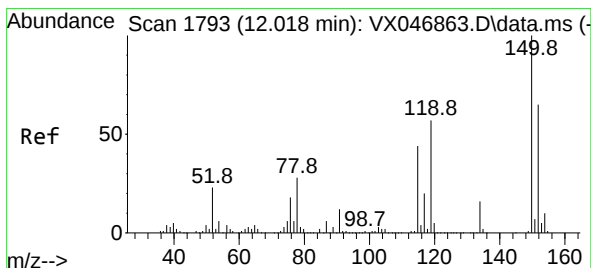
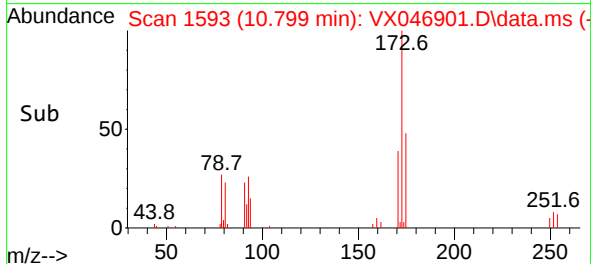
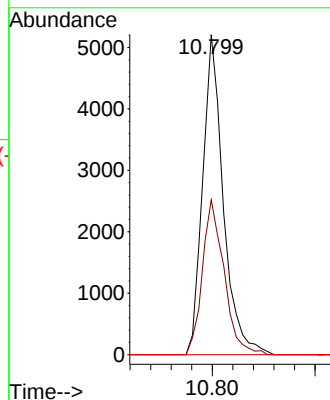
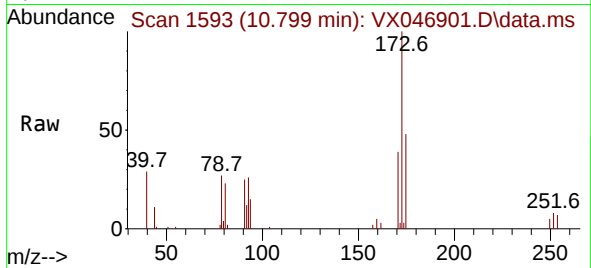




#71  
Bromoform  
Concen: 2.448 ug/l  
RT: 10.799 min Scan# 1593  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

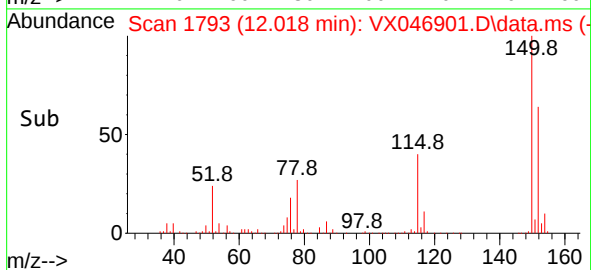
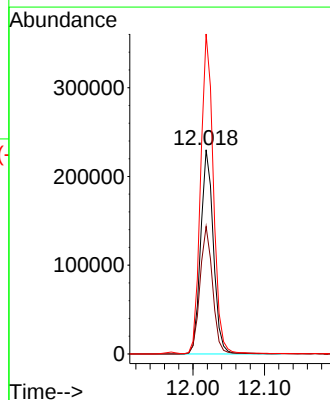
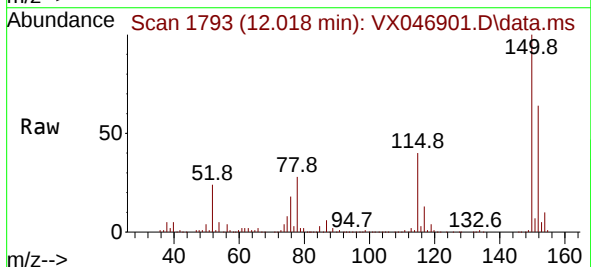
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

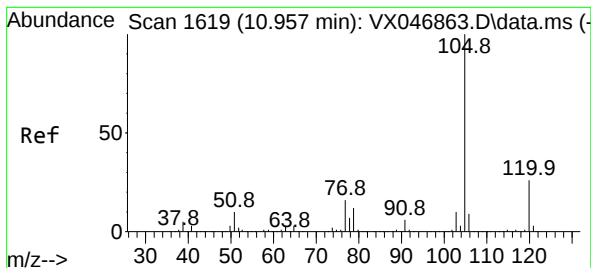
Tgt Ion:173 Resp: 7260  
Ion Ratio Lower Upper  
173 100  
175 51.0 23.8 71.5  
254 0.0 0.1 0.1#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:152 Resp: 283862  
Ion Ratio Lower Upper  
152 100  
115 62.2 42.4 127.1  
150 156.5 0.0 349.2





#73

Isopropylbenzene

Concen: 2.507 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

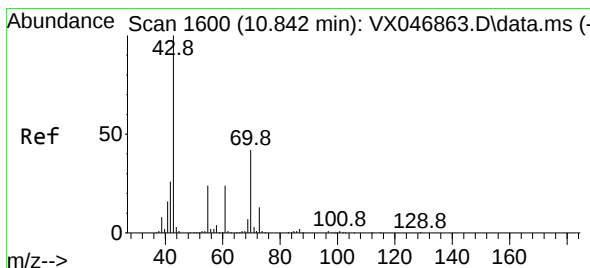
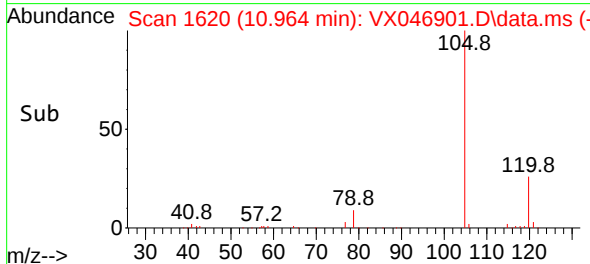
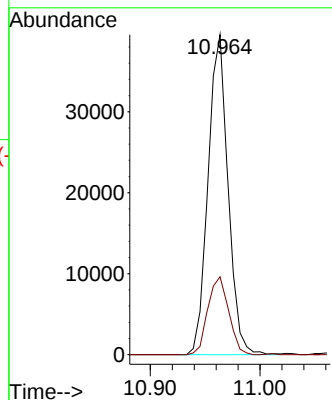
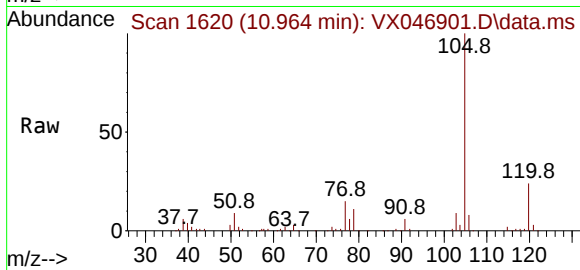
LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 50032

Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.5



#74

N-ethyl acetate

Concen: 2.346 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Tgt Ion: 43 Resp: 15906

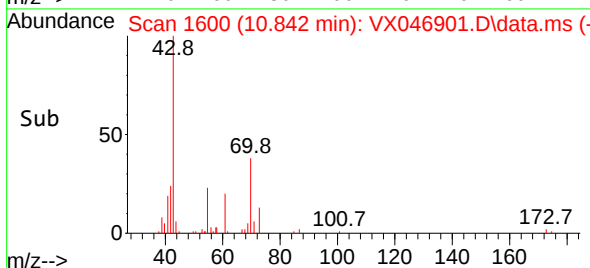
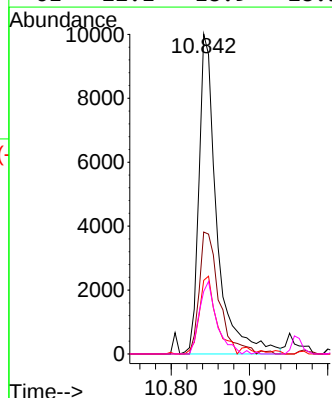
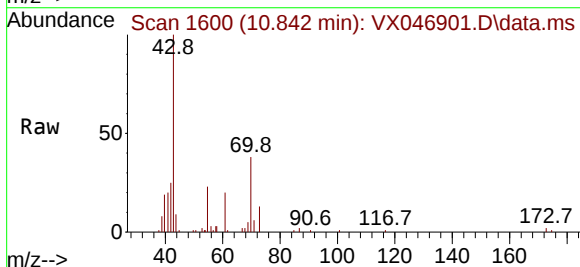
Ion Ratio Lower Upper

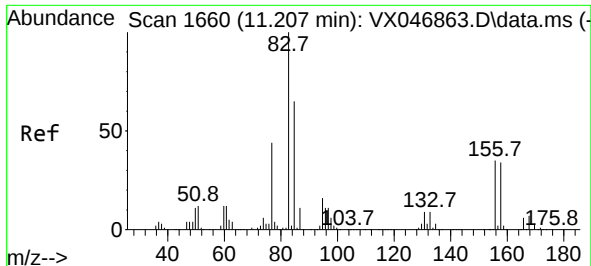
43 100

70 41.9 33.4 50.2

55 23.0 19.6 29.4

61 22.1 18.9 28.3

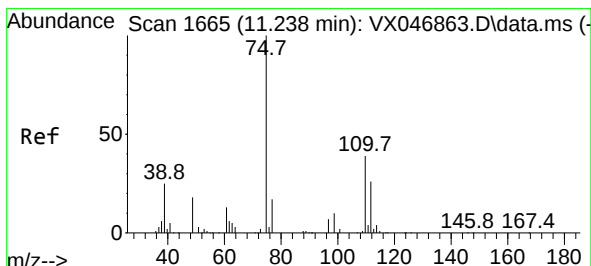
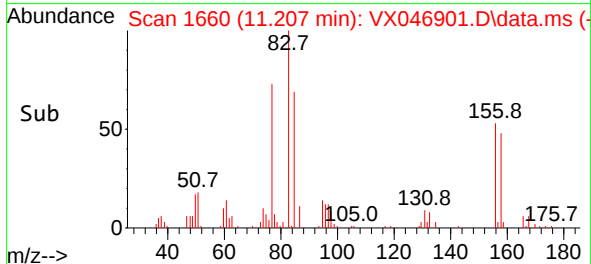
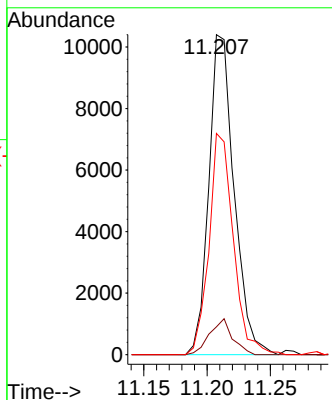
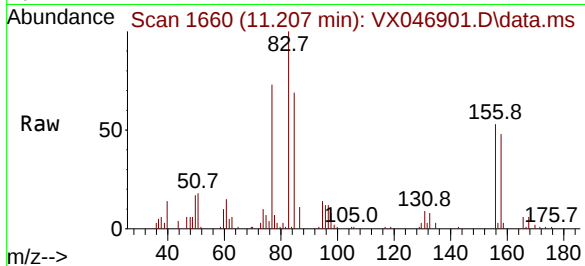




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 2.635 ug/l  
 RT: 11.207 min Scan# 1660  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

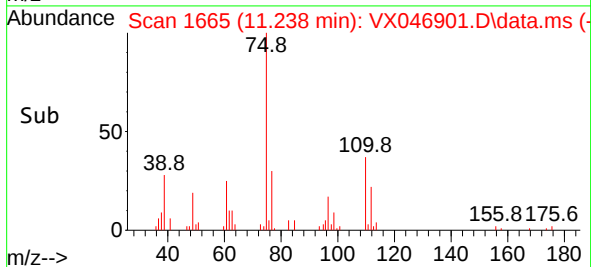
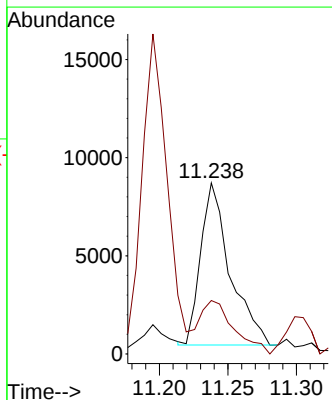
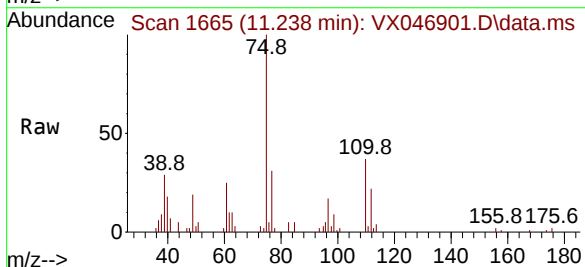
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

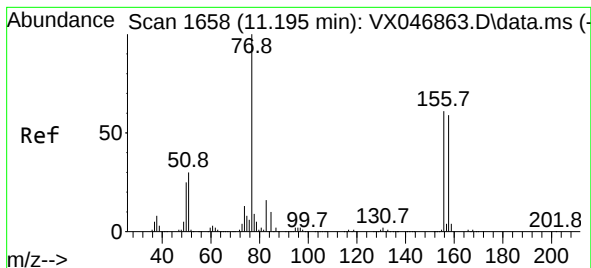
Tgt Ion: 83 Resp: 14460  
 Ion Ratio Lower Upper  
 83 100  
 131 10.2 5.0 14.9  
 85 66.6 32.1 96.5



#76  
 1,2,3-Trichloropropane  
 Concen: 2.808 ug/l  
 RT: 11.238 min Scan# 1665  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

Tgt Ion: 75 Resp: 12318  
 Ion Ratio Lower Upper  
 75 100  
 77 36.0 20.6 61.8





#77

Bromobenzene

Concen: 2.589 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

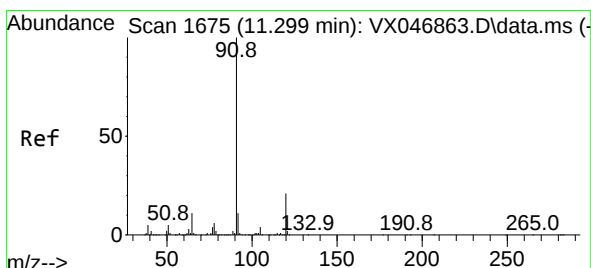
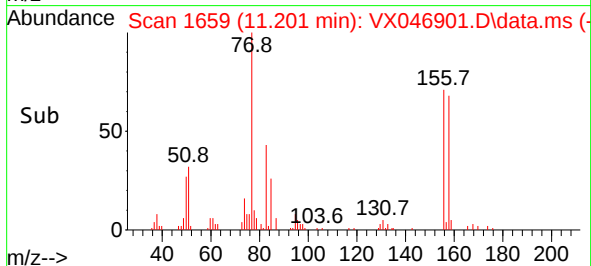
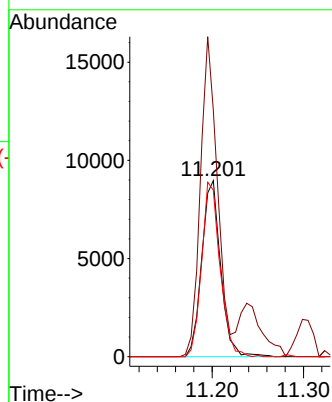
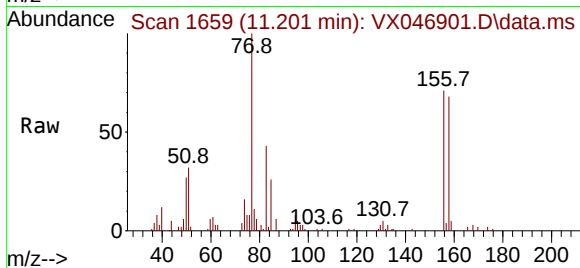
Tgt Ion:156 Resp: 12870

Ion Ratio Lower Upper

156 100

77 162.7 82.3 247.0

158 96.6 47.5 142.6



#78

n-propylbenzene

Concen: 2.569 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX046901.D

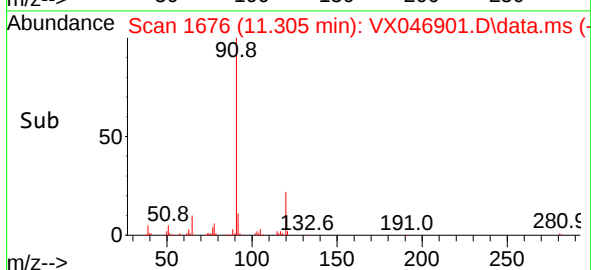
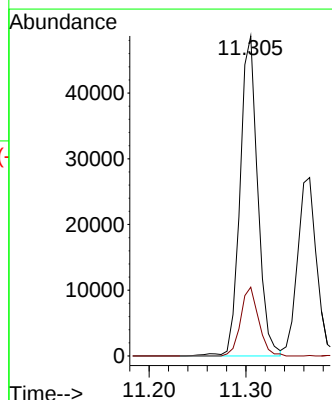
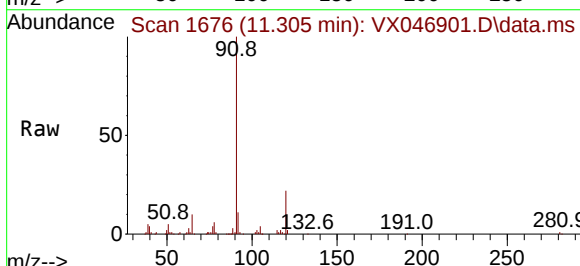
Acq: 07 Jul 2025 12:46

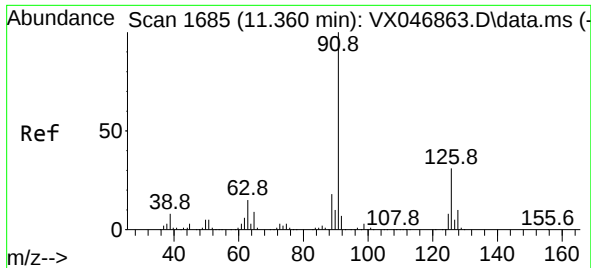
Tgt Ion: 91 Resp: 61822

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.5

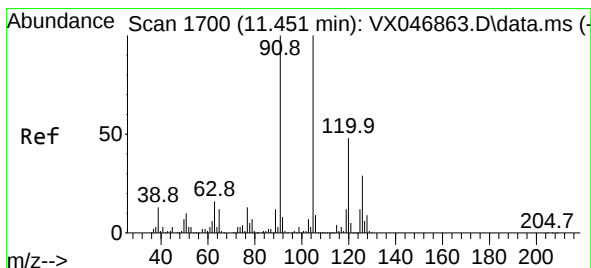
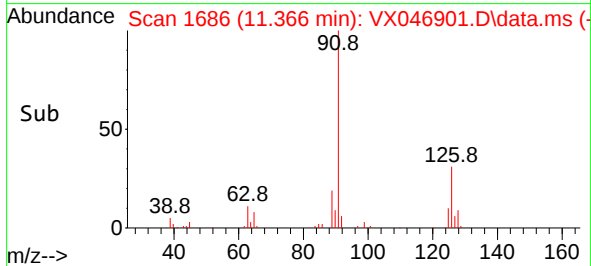
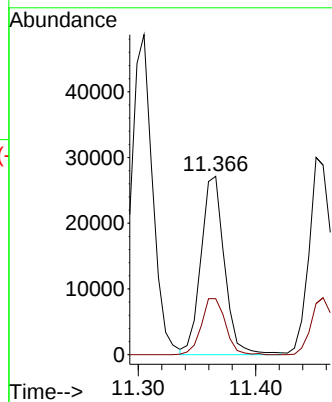
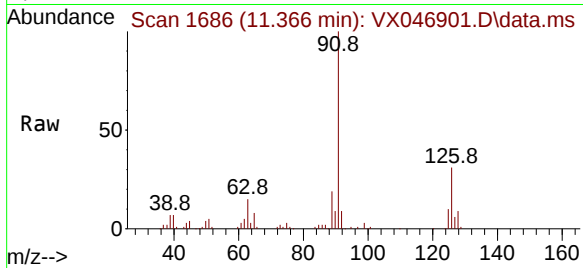




#79  
2-Chlorotoluene  
Concen: 2.656 ug/l  
RT: 11.366 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

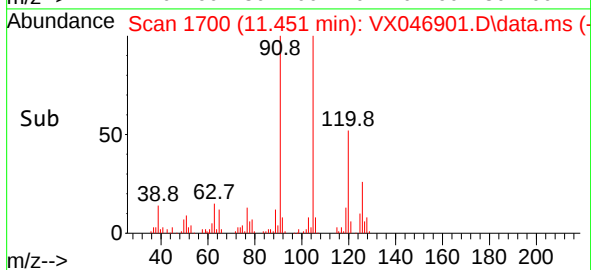
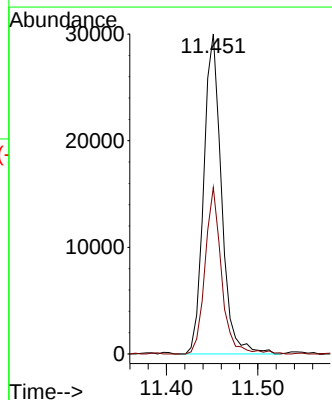
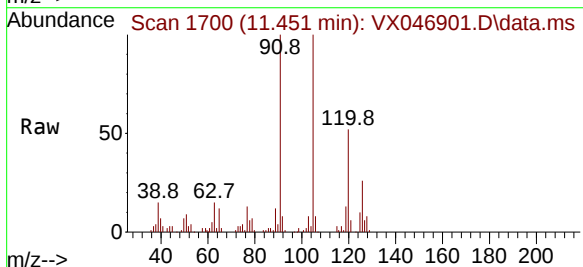
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

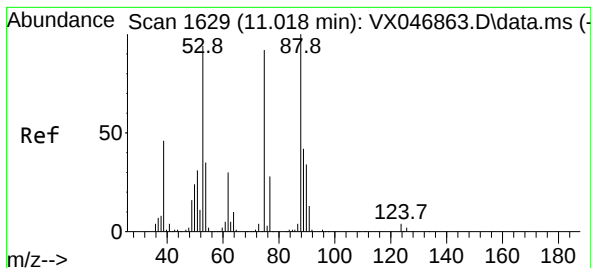
Tgt Ion: 91 Resp: 37733  
Ion Ratio Lower Upper  
91 100  
126 32.1 16.6 49.8



#80  
1,3,5-Trimethylbenzene  
Concen: 2.491 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:105 Resp: 40397  
Ion Ratio Lower Upper  
105 100  
120 48.3 24.1 72.4

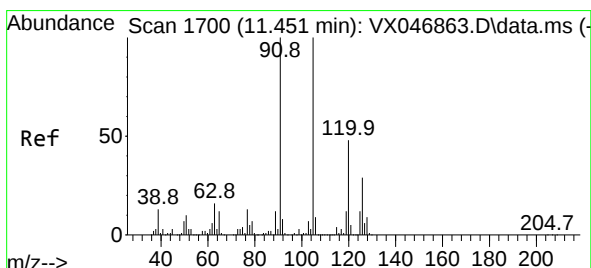
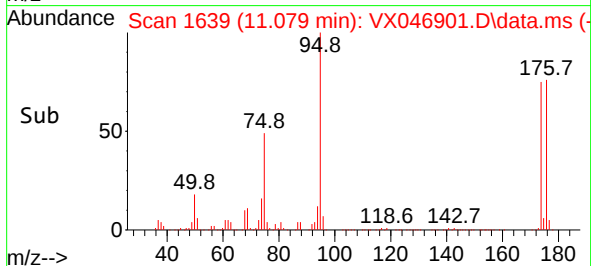
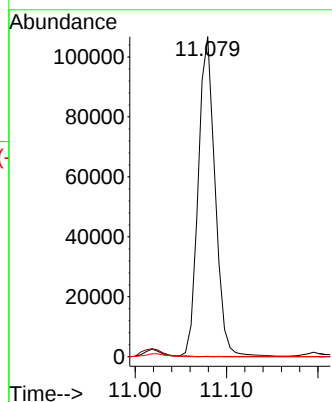
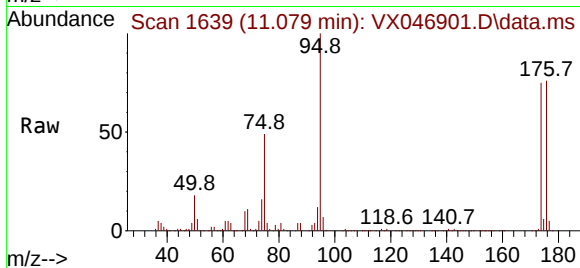




#81  
trans-1,4-Dichloro-2-butene  
Concen: 83.523 ug/l  
RT: 11.079 min Scan# 1100  
Delta R.T. 0.061 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

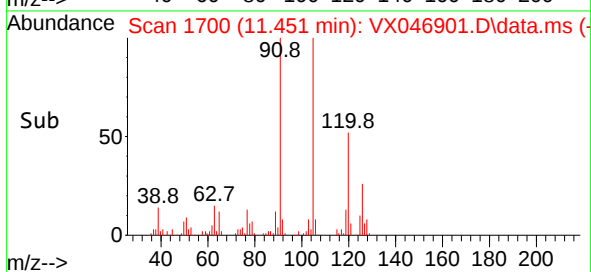
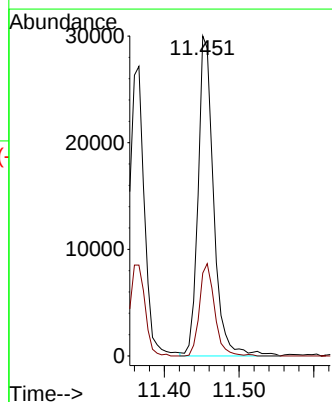
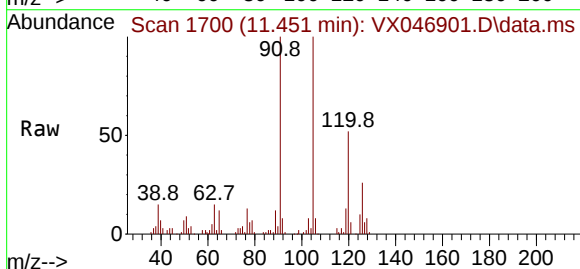
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

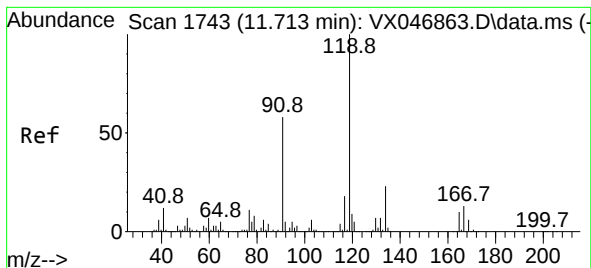
Tgt Ion: 75 Resp: 136515  
Ion Ratio Lower Upper  
75 100  
53 0.0 83.7 125.5#  
89 0.0 38.2 57.2#



#82  
4-Chlorotoluene  
Concen: 2.640 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 91 Resp: 43283  
Ion Ratio Lower Upper  
91 100  
126 28.2 14.6 44.0





#83

tert-Butylbenzene

Concen: 2.466 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

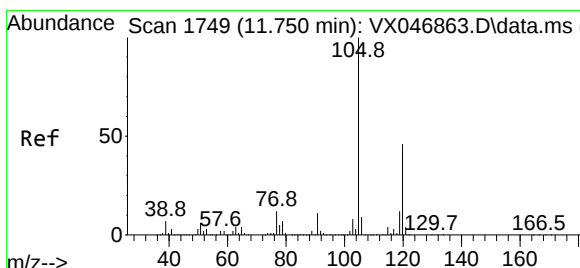
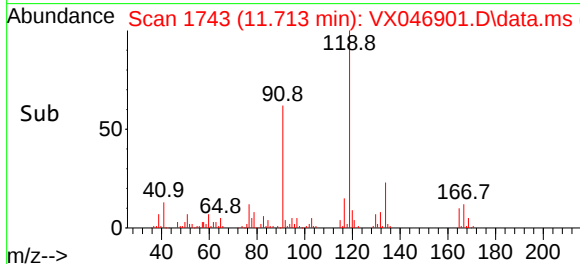
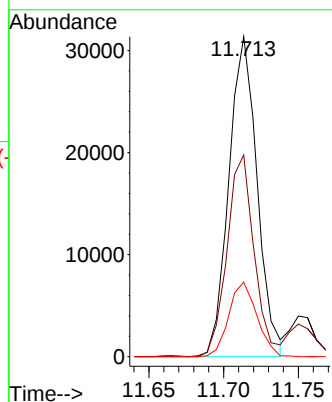
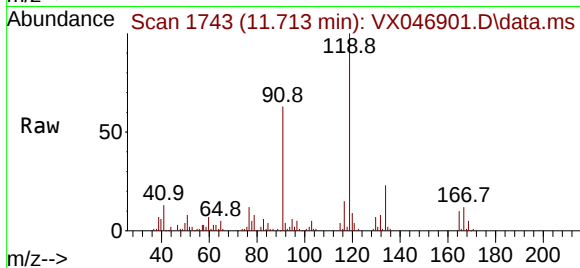
Tgt Ion:119 Resp: 41291

Ion Ratio Lower Upper

119 100

91 60.5 28.7 86.3

134 23.2 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 2.441 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX046901.D

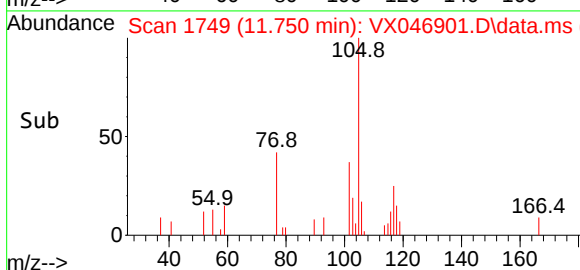
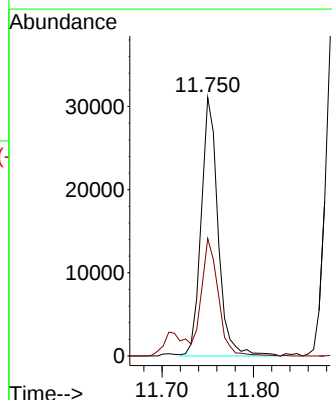
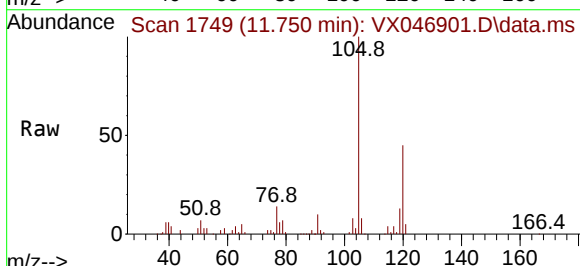
Acq: 07 Jul 2025 12:46

Tgt Ion:105 Resp: 40007

Ion Ratio Lower Upper

105 100

120 45.3 23.3 69.8

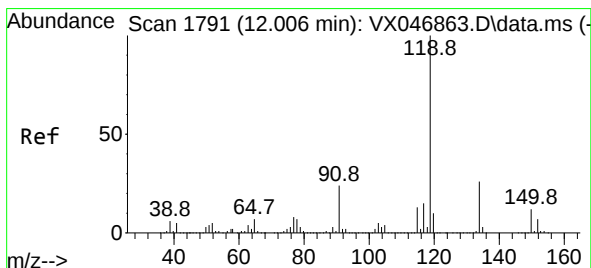
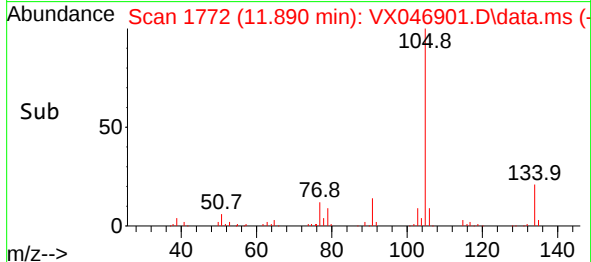
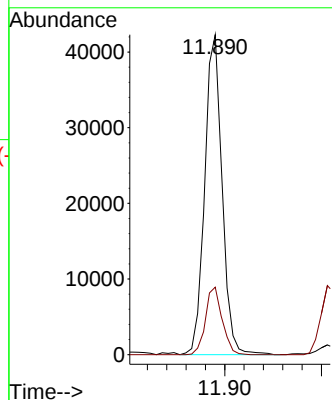
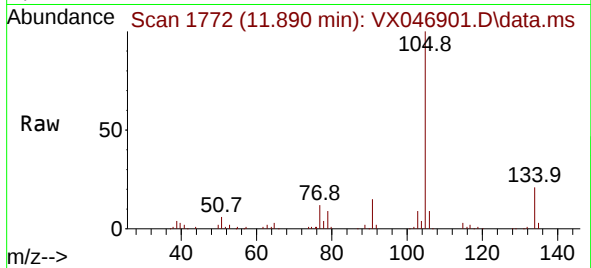




#85  
sec-Butylbenzene  
Concen: 2.507 ug/l  
RT: 11.890 min Scan# 1771  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

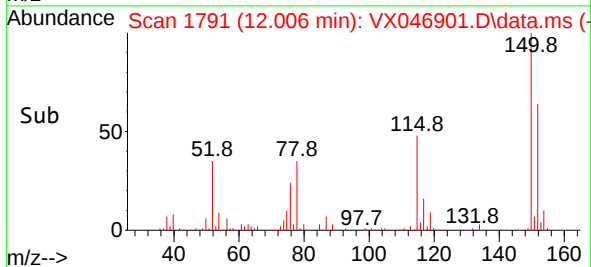
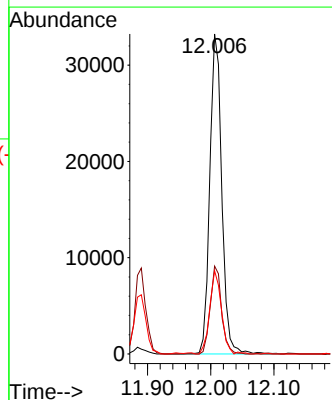
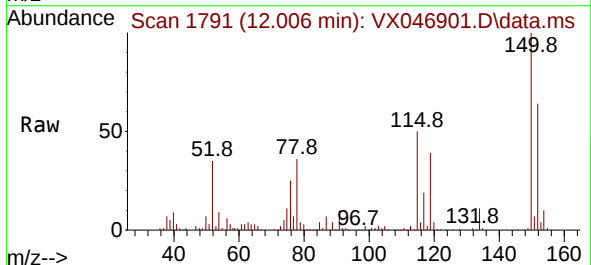
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

Tgt Ion:105 Resp: 52940  
Ion Ratio Lower Upper  
105 100  
134 20.2 9.9 29.7



#86  
p-Isopropyltoluene  
Concen: 2.476 ug/l  
RT: 12.006 min Scan# 1791  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion:119 Resp: 43784  
Ion Ratio Lower Upper  
119 100  
134 26.0 13.0 39.0  
91 25.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 2.620 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

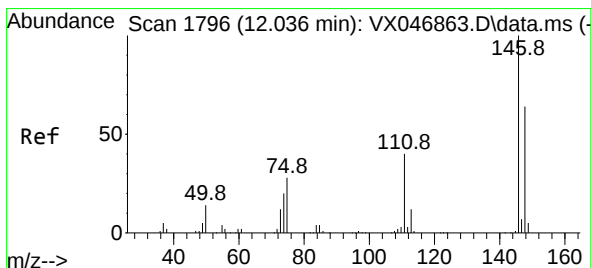
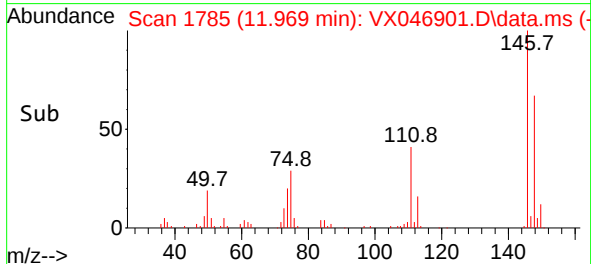
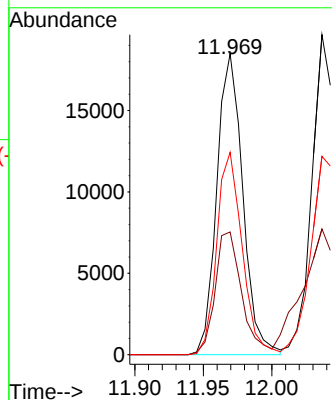
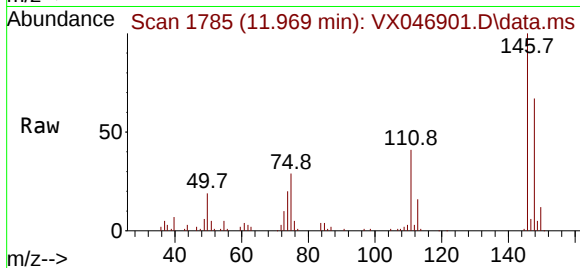
Tgt Ion:146 Resp: 24355

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 65.6 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 2.663 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

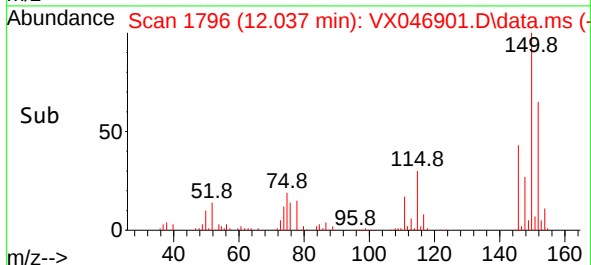
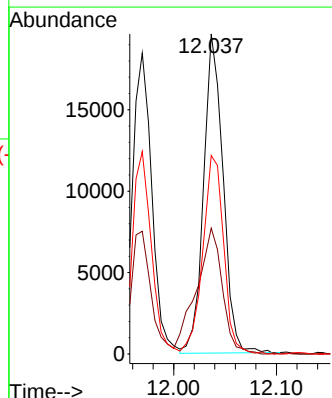
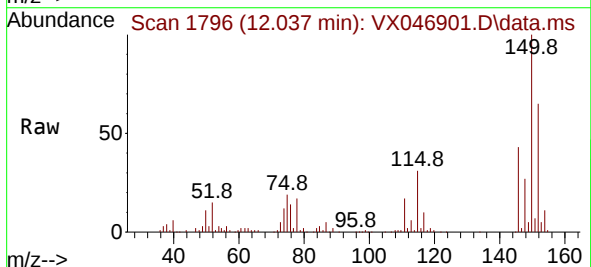
Tgt Ion:146 Resp: 25762

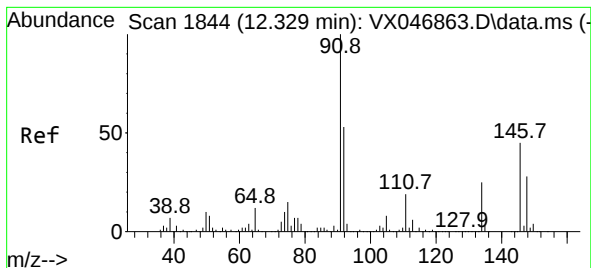
Ion Ratio Lower Upper

146 100

111 52.8 20.2 60.5

148 67.1 32.4 97.0

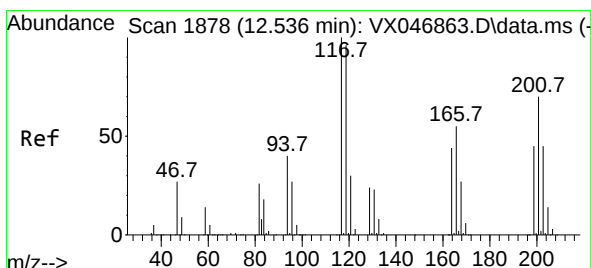
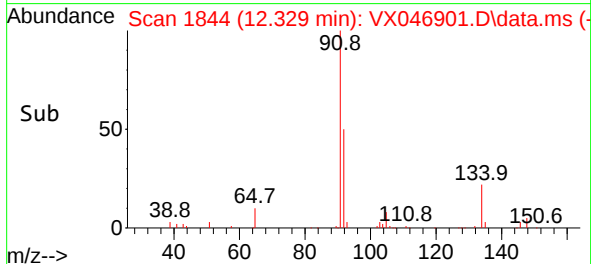
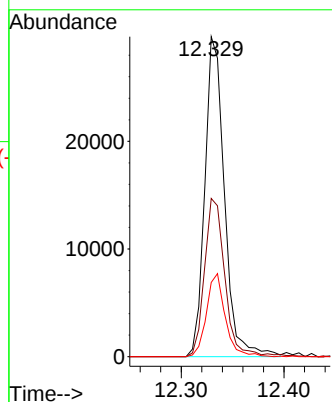
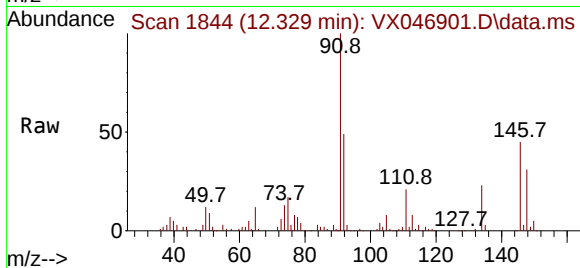




#89  
n-Butylbenzene  
Concen: 2.378 ug/l  
RT: 12.329 min Scan# 1844  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

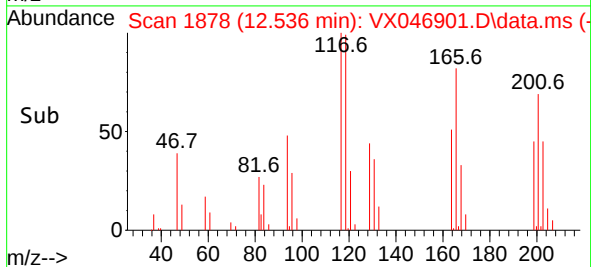
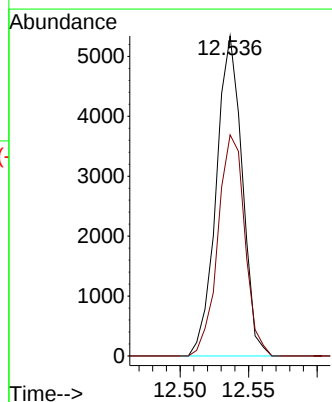
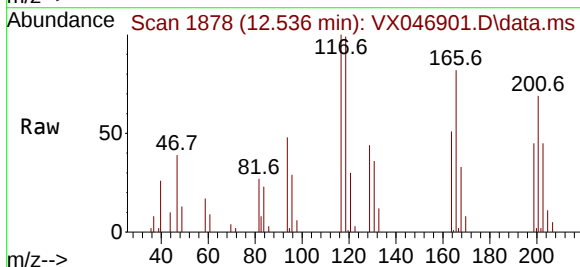
Instrument : MSVOA\_X  
ClientSampleId : LOD-MDL-WATER-01-QT2-2025

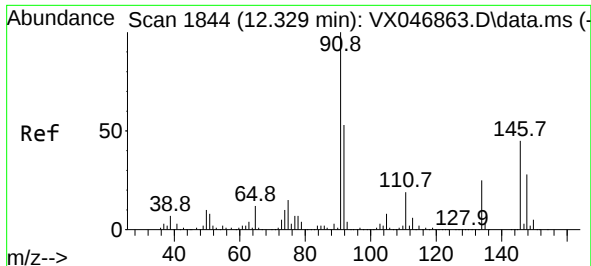
Tgt Ion: 91 Resp: 39504  
Ion Ratio Lower Upper  
91 100  
92 51.6 27.0 81.0  
134 24.8 12.8 38.4



#90  
Hexachloroethane  
Concen: 2.240 ug/l  
RT: 12.536 min Scan# 1878  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

Tgt Ion: 117 Resp: 7020  
Ion Ratio Lower Upper  
117 100  
201 71.8 35.8 107.4

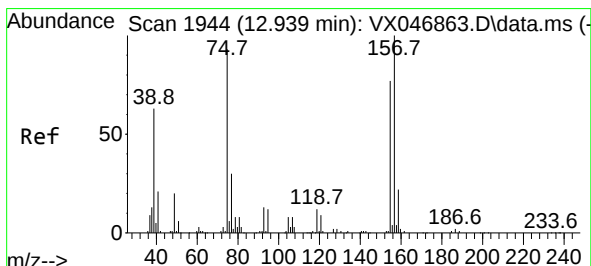
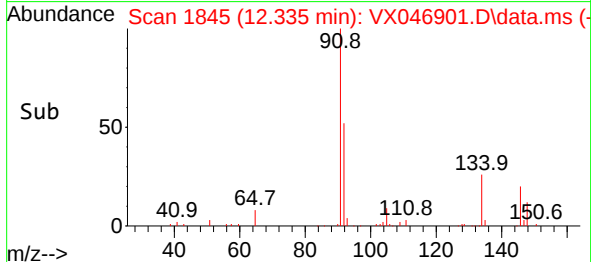
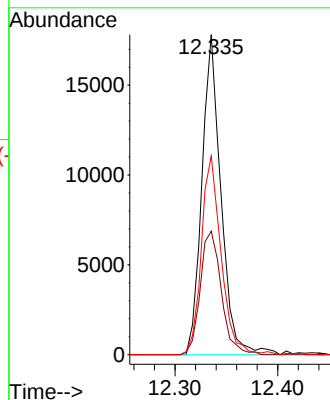
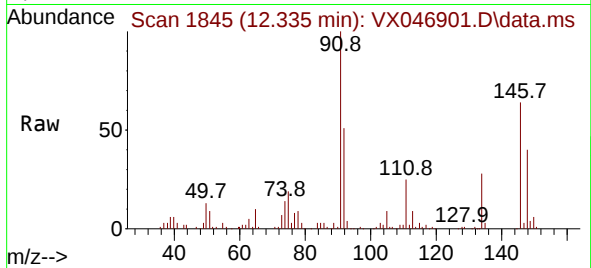




#91  
1,2-Dichlorobenzene  
Concen: 2.559 ug/l  
RT: 12.335 min Scan# 1844  
Delta R.T. 0.006 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

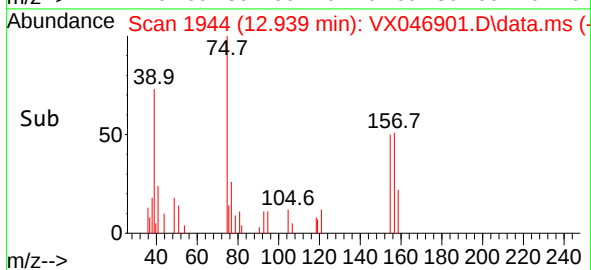
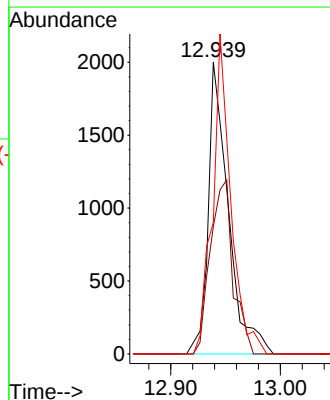
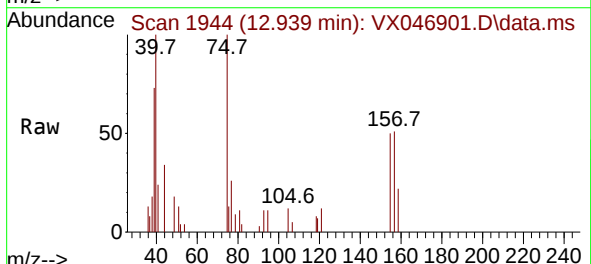
Instrument :  
MSVOA\_X  
ClientSampleId :  
LOD-MDL-WATER-01-QT2-2025

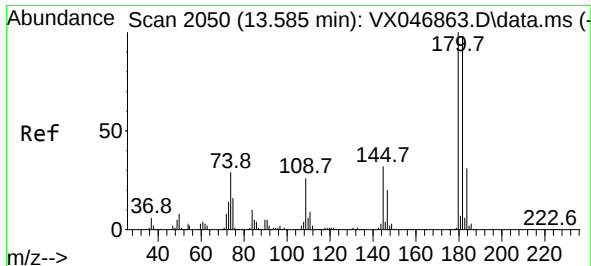
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 23051     |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 111         | 42.5  | 21.1 63.1 |
| 148         | 64.4  | 31.6 95.0 |



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 2.656 ug/l  
RT: 12.939 min Scan# 1944  
Delta R.T. 0.000 min  
Lab File: VX046901.D  
Acq: 07 Jul 2025 12:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 2549       |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 155         | 67.3  | 43.1 129.4 |
| 157         | 100.2 | 56.5 169.5 |

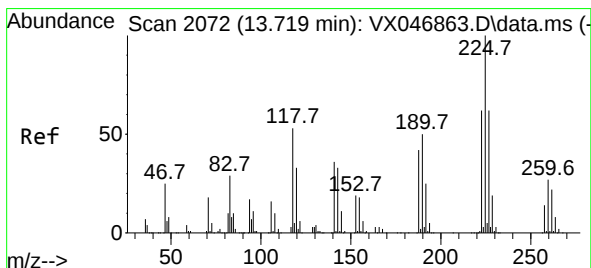
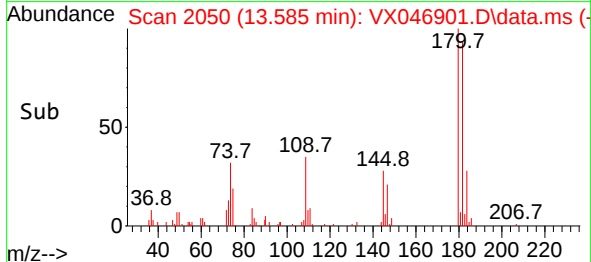
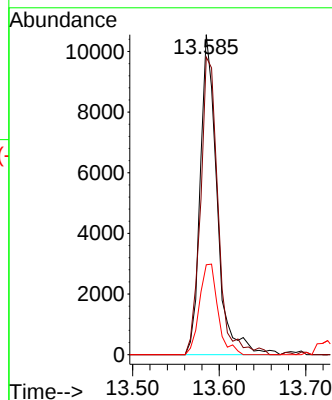
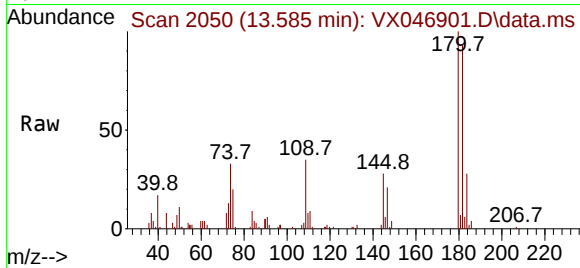




#93  
 1,2,4-Trichlorobenzene  
 Concen: 2.332 ug/l  
 RT: 13.585 min Scan# 2050  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

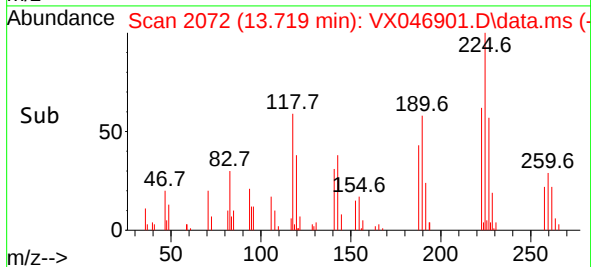
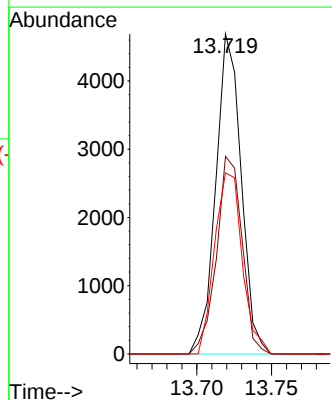
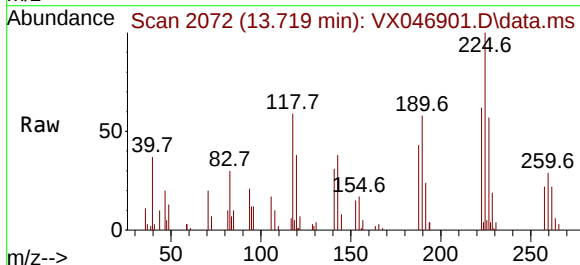
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOD-MDL-WATER-01-QT2-2025

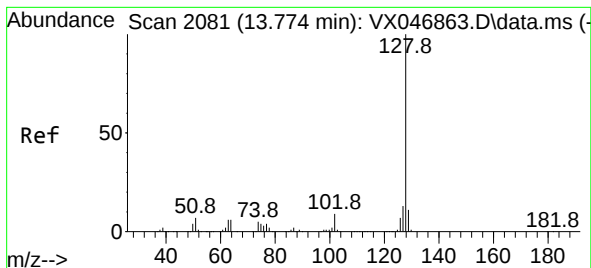
Tgt Ion:180 Resp: 14271  
 Ion Ratio Lower Upper  
 180 100  
 182 97.1 47.3 141.9  
 145 30.8 16.1 48.2



#94  
 Hexachlorobutadiene  
 Concen: 2.401 ug/l  
 RT: 13.719 min Scan# 2072  
 Delta R.T. 0.000 min  
 Lab File: VX046901.D  
 Acq: 07 Jul 2025 12:46

Tgt Ion:225 Resp: 5542  
 Ion Ratio Lower Upper  
 225 100  
 223 62.1 31.6 94.7  
 227 61.7 31.6 94.7





#95

Naphthalene

Concen: 2.349 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Instrument :

MSVOA\_X

ClientSampleId :

LOD-MDL-WATER-01-QT2-2025

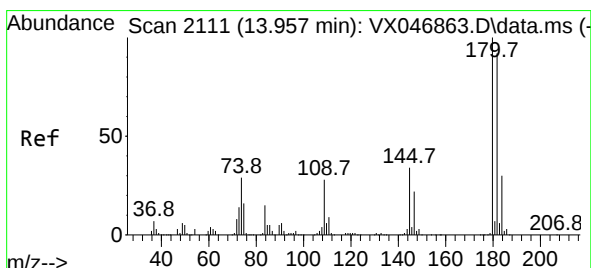
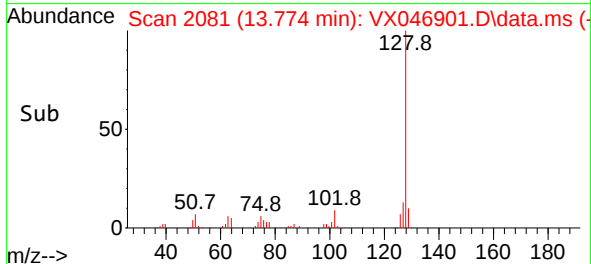
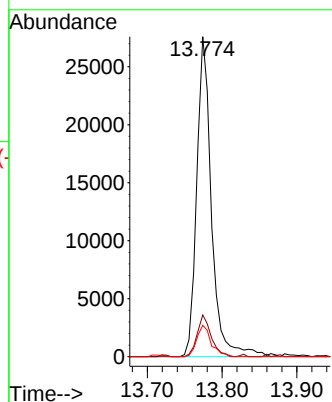
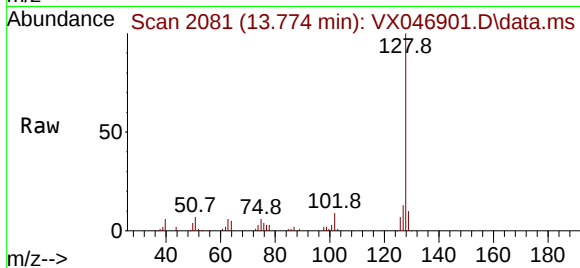
Tgt Ion:128 Resp: 37883

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 9.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.280 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX046901.D

Acq: 07 Jul 2025 12:46

Tgt Ion:180 Resp: 13181

Ion Ratio Lower Upper

180 100

182 96.3 46.7 140.1

145 35.4 16.8 50.3

